

Appendix for Band 38

Product Name: Wireless mobile tablet data terminal

Model No: FG80

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.64	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.65	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.52	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.71	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.72	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.59	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.72	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.32	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.35	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.24	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.48	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.47	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.37	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.40	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.14	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.28	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.13	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.27	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.33	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.28	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.28	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.99	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.04	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.91	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.76	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.68	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.62	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.78	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.65	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.77	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.59	PASS

Band38	5MHz	16QAM	38000	12RB#0	20.51	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.50	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.47	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.45	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.48	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.59	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.38	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.46	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.46	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.48	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.50	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.82	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.89	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.53	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.84	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.81	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.64	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.75	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.52	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.74	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.41	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.59	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.57	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.45	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.50	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.43	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.56	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.31	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.42	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.44	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.38	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.42	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.16	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.26	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.89	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.97	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.93	PASS

Band38	10MHz	16QAM	37800	25RB#25	20.78	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.79	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.42	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.64	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.36	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.63	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.61	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.52	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.58	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.75	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.93	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.68	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.57	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.53	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.51	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.40	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.75	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.65	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.37	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.70	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.69	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.69	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.71	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.55	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.58	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.38	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.51	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.53	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.50	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.51	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.40	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.38	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.18	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.43	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.44	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.42	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.40	PASS

Band38	15MHz	16QAM	37825	1RB#0	22.15	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.01	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.76	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.69	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.72	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.71	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.73	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.61	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.54	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.39	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.52	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.52	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.50	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.53	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.80	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.74	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.58	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.42	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.36	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.41	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.54	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.61	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.72	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.37	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.71	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.70	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.49	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.63	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.43	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.66	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.11	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.55	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.57	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.40	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.48	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.31	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.90	PASS

Band38	20MHz	QPSK	38150	1RB#99	22.07	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.44	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.43	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.29	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.40	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.83	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.92	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.52	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.80	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.81	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.58	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.67	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.04	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.32	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.81	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.62	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.61	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.48	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.47	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.56	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.76	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.29	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.52	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.53	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.38	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.48	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	7.94	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	8.90	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	7.94	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	12.81	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	7.65	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	8.61	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	8.70	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.62	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	8.70	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.54	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	8.43	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.36	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.03	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.84	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.03	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.78	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	7.74	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.58	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	8.72	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.65	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	8.72	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.59	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	8.46	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.42	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.09	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.10	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.09	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.96	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	7.88	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	8.75	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	8.75	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.80	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	8.78	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.71	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	8.61	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.54	13	PASS

Band38	20MHz	QPSK	37850	1RB#0	7.88	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.78	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.06	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.78	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	7.77	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.61	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	8.70	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.65	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	9.07	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.57	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	8.58	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.45	13	PASS

Test Graphs









