

Appendix for Band 71

Product Name: Smart Phone

Model No: K50

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	23.42	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.36	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.54	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.25	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.36	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.54	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.25	PASS
Band71	5MHz	16QAM	133147	12RB#0	21.36	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.57	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.56	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.58	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.12	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.26	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.25	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.65	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.11	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.45	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.36	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.42	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.36	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.36	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.45	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.25	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.36	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.54	PASS
Band71	5MHz	16QAM	133297	12RB#13	21.28	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.45	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.36	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.54	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.25	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.65	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.45	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.57	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.64	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.65	PASS

Band71	5MHz	16QAM	133447	12RB#0	21.52	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.36	PASS
Band71	5MHz	16QAM	133447	12RB#6	21.45	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.25	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.45	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.25	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.36	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.56	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.46	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.57	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.42	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.63	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.49	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.56	PASS
Band71	10MHz	16QAM	133172	25RB#0	21.51	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.56	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.52	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.57	PASS
Band71	10MHz	16QAM	133172	25RB#25	21.58	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.55	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.55	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.54	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.31	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.49	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.24	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.52	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.26	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.49	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.58	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.50	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.57	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.44	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.57	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.49	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.58	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.54	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.51	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.54	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.51	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.58	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.56	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.50	PASS

Band71	10MHz	16QAM	133422	25RB#0	21.54	PASS
Band71	10MHz	QPSK	133422	25RB#12	22.50	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.53	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.51	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.52	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.50	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.55	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.54	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.34	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.59	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.35	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.47	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.22	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.35	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.35	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.38	PASS
Band71	15MHz	16QAM	133197	38RB#18	22.34	PASS
Band71	15MHz	QPSK	133197	38RB#37	22.25	PASS
Band71	15MHz	16QAM	133197	38RB#37	22.24	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.58	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.61	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.61	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.57	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.61	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.55	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.53	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.56	PASS
Band71	15MHz	QPSK	133297	38RB#0	22.58	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.65	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.52	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.55	PASS
Band71	15MHz	QPSK	133297	38RB#37	22.55	PASS
Band71	15MHz	16QAM	133297	38RB#37	22.56	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.50	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.56	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.39	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.54	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.42	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.55	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.44	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.58	PASS
Band71	15MHz	QPSK	133397	38RB#0	22.55	PASS

Band71	15MHz	16QAM	133397	38RB#0	22.53	PASS
Band71	15MHz	QPSK	133397	38RB#18	22.56	PASS
Band71	15MHz	16QAM	133397	38RB#18	22.57	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.58	PASS
Band71	15MHz	16QAM	133397	38RB#37	22.58	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.48	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.60	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.58	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.82	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.60	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.51	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.68	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.65	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.65	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.64	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.65	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.57	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.64	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.58	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.58	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.53	PASS
Band71	20MHz	16QAM	133322	1RB#0	22.39	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.49	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.35	PASS
Band71	20MHz	QPSK	133322	1RB#99	23.50	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.39	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.52	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.65	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.54	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.66	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.57	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.70	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.55	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.63	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.58	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.46	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.62	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.50	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.67	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.45	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.53	PASS

Band71	20MHz	16QAM	133372	50RB#0	21.61	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.53	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.61	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.55	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.62	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.53	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.60	PASS

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

Test Result

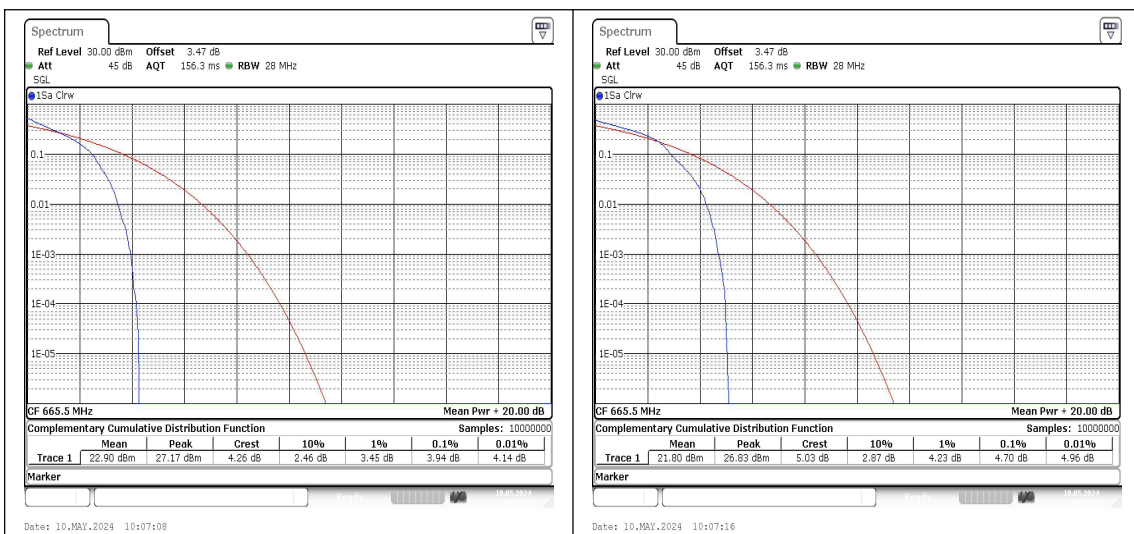
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	3.94	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	4.70	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.19	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.00	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.93	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.59	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.45	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.14	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.70	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.42	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.33	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.09	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	3.94	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	4.84	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.30	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.14	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.67	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.57	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.30	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.12	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.26	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.13	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.13	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.00	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.03	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	4.93	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.59	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.23	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.52	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.42	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.39	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.06	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	4.52	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	5.68	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.36	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.00	13	PASS

Waltek Testing Group (Shenzhen) Co., Ltd.

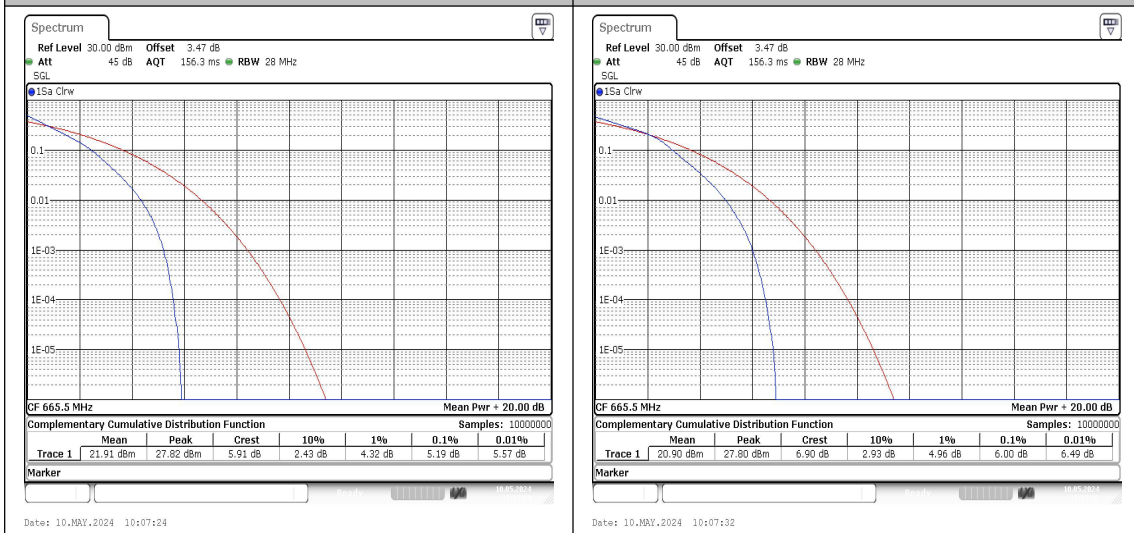
<http://www.waltek.com.cn>

Band71	20MHz	QPSK	133222	1RB#0	4.03	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	4.78	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.39	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.20	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.55	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.45	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.22	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.03	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.78	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.83	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.22	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.03	13	PASS

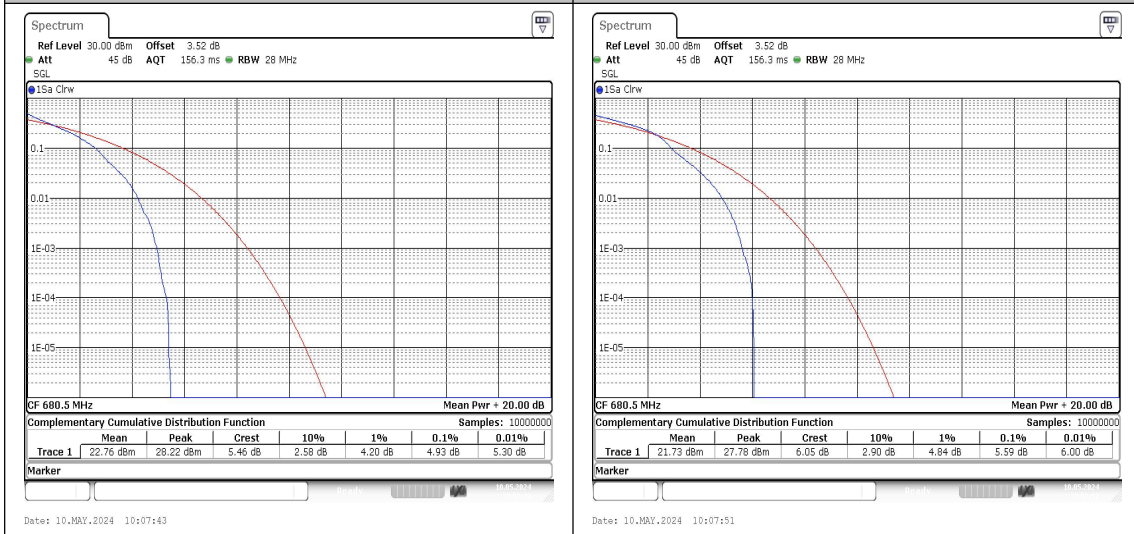
Test Graphs



Band71-5MHz-QPSK-133147-1RB#0-PASS **Band71-5MHz-16QAM-133147-1RB#0-PASS**



Band71-5MHz-QPSK-133147-25RB#0-PASS **Band71-5MHz-16QAM-133147-25RB#0-PASS**



Band71-5MHz-QPSK-133297-1RB#0-PASS **Band71-5MHz-16QAM-133297-1RB#0-PASS**

