

Test Data for E-UTRA Band 12

EUT: <u>Tablet PC</u> Test Model: <u>ST11</u>
Ambient Condition: <u>25 °C</u> , <u>45 %RH</u> , <u>101.325 kPa</u>
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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.54	19.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.44	18.82	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.69	20.07	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.55	18.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.50	19.88	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.34	18.72	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.53	19.91	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.37	18.75	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.56	19.94	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.37	18.75	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.55	19.93	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.36	18.74	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.53	18.91	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.40	17.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.47	19.85	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.28	18.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.67	20.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.45	18.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.50	19.88	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.23	18.61	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.54	19.92	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.33	18.71	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.53	19.91	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.33	18.71	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.50	19.88	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.31	18.69	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.56	18.94	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.53	17.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.32	19.70	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.23	18.61	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.30	19.68	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.42	18.80	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.19	19.57	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.18	18.56	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.36	19.74	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.17	18.55	PASS

Band12	1.4MHz	QPSK	23173	3RB#1	23.39	19.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.20	18.58	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.28	19.66	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.11	18.49	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.44	18.82	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.40	17.78	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.47	19.85	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.52	18.90	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.44	19.82	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.49	18.87	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.43	19.81	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.47	18.85	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.47	18.85	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.43	17.81	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.48	18.86	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.48	17.86	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.46	18.84	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.46	17.84	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.41	18.79	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.43	17.81	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.51	19.89	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.38	18.76	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.47	19.85	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.37	18.75	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.48	19.86	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.32	18.70	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.47	18.85	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.42	17.80	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.48	18.86	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.45	17.83	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.47	18.85	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.44	17.82	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.46	18.84	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.38	17.76	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.35	19.73	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.40	18.78	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.33	19.71	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.37	18.75	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.22	19.60	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.26	18.64	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.40	18.78	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.38	17.76	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.40	18.78	PASS

Band12	3MHz	16QAM	23165	8RB#4	21.38	17.76	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.32	18.70	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.31	17.69	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.32	18.70	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.27	17.65	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.44	19.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.35	18.73	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.52	19.90	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.49	18.87	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.37	19.75	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.33	18.71	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.42	18.80	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.32	17.70	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.36	18.74	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.33	17.71	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.41	18.79	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.39	17.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.46	18.84	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.44	17.82	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.39	19.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.44	18.82	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.42	19.80	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.52	18.90	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.30	19.68	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.38	18.76	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.46	18.84	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.40	17.78	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.44	18.82	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.45	17.83	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.43	18.81	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.41	17.79	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.51	18.89	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.43	17.81	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.37	19.75	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.33	18.71	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.41	19.79	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.32	18.70	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.18	19.56	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.14	18.52	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.34	18.72	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.28	17.66	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.35	18.73	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.29	17.67	PASS

Band12	5MHz	QPSK	23155	12RB#13	22.27	18.65	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.15	17.53	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.33	18.71	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.33	17.71	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.47	19.85	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.50	18.88	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.51	19.89	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.63	19.01	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.36	19.74	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.42	18.80	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.44	18.82	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.42	17.80	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.43	18.81	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.43	17.81	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.45	18.83	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.40	17.78	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.42	18.80	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.37	17.75	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.52	19.90	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.37	18.75	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.59	19.97	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.37	18.75	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.34	19.72	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.19	18.57	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.50	18.88	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.52	17.90	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.48	18.86	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.52	17.90	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.43	18.81	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.48	17.86	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.53	18.91	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.47	17.85	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.40	19.78	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.46	18.84	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.52	19.90	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.55	18.93	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.20	19.58	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.28	18.66	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.52	18.90	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.45	17.83	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.46	18.84	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.46	17.84	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.32	18.70	PASS

Band12	10MHz	16QAM	23130	25RB#25	21.28	17.66	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.40	18.78	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.42	17.80	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.53	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.46	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.50	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.26	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.31	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.50	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.25	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.02	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.52	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.30	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.53	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.34	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.56	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.32	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.30	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.23	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.38	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.98	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.47	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.20	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.71	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.95	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.68	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.27	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.58	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.92	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.70	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.29	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.09	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.62	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.27	13	PASS

Band12	10MHz	QPSK	23060	1RB#0	5.54	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.39	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.58	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.26	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.33	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.69	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.33	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.42	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.05	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.37	13	PASS

Test Graphs























