

Appendix for LTE BAND 17

Product Name: Emergency Alert Smartwatch
Model No: TA-SW-200i

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.27	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.73	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.35	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.34	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.43	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.33	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.37	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.29	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.22	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.29	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.34	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.42	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.28	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.33	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.30	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.62	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.23	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.42	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.44	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.39	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.40	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.43	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.59	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.38	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.40	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.45	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.38	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.36	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.32	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.62	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.28	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.35	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.47	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.42	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.41	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.24	PASS

Band17	5MHz	16QAM	23825	1RB#12	22.73	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.25	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.38	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.42	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.39	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.47	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.30	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.49	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.29	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.45	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.40	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.43	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.41	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.40	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.52	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.38	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.42	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.43	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.36	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.36	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.45	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.56	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.34	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.51	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.46	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.41	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.45	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.31	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.67	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.25	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.45	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.43	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.45	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.45	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.35	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.85	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.35	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.50	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.39	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.48	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.46	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.18	PASS

Band17	10MHz	16QAM	23800	1RB#24	22.51	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.16	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.48	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.44	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.45	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.47	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.19	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.48	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.23	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.67	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.96	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.57	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.62	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.26	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.01	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.59	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.62	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.32	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.07	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.54	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.91	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.26	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.84	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.48	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.59	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.26	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.78	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.51	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.86	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.29	13	PASS

Test Graphs



