

Appendix for LTE Band 19

Product Name: HTC Smartphone

Model No: Wildfire E5 Elite

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	23.28	PASS
Band19	5MHz	QPSK	24025	1RB#12	23.22	PASS
Band19	5MHz	QPSK	24025	1RB#24	23.07	PASS
Band19	5MHz	QPSK	24025	12RB#0	22.26	PASS
Band19	5MHz	QPSK	24025	12RB#6	22.21	PASS
Band19	5MHz	QPSK	24025	12RB#13	22.08	PASS
Band19	5MHz	QPSK	24025	25RB#0	22.16	PASS
Band19	5MHz	16QAM	24025	1RB#0	22.20	PASS
Band19	5MHz	16QAM	24025	1RB#12	22.32	PASS
Band19	5MHz	16QAM	24025	1RB#24	21.99	PASS
Band19	5MHz	16QAM	24025	12RB#0	21.26	PASS
Band19	5MHz	16QAM	24025	12RB#6	21.27	PASS
Band19	5MHz	16QAM	24025	12RB#13	21.09	PASS
Band19	5MHz	16QAM	24025	25RB#0	21.17	PASS
Band19	5MHz	QPSK	24075	1RB#0	23.09	PASS
Band19	5MHz	QPSK	24075	1RB#12	23.23	PASS
Band19	5MHz	QPSK	24075	1RB#24	23.05	PASS
Band19	5MHz	QPSK	24075	12RB#0	21.99	PASS
Band19	5MHz	QPSK	24075	12RB#6	22.06	PASS
Band19	5MHz	QPSK	24075	12RB#13	21.96	PASS
Band19	5MHz	QPSK	24075	25RB#0	22.08	PASS
Band19	5MHz	16QAM	24075	1RB#0	21.96	PASS
Band19	5MHz	16QAM	24075	1RB#12	22.07	PASS
Band19	5MHz	16QAM	24075	1RB#24	21.90	PASS
Band19	5MHz	16QAM	24075	12RB#0	21.07	PASS
Band19	5MHz	16QAM	24075	12RB#6	21.09	PASS
Band19	5MHz	16QAM	24075	12RB#13	21.01	PASS
Band19	5MHz	16QAM	24075	25RB#0	21.08	PASS
Band19	5MHz	QPSK	24125	1RB#0	23.06	PASS
Band19	5MHz	QPSK	24125	1RB#12	23.30	PASS
Band19	5MHz	QPSK	24125	1RB#24	23.14	PASS
Band19	5MHz	QPSK	24125	12RB#0	22.12	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.14	PASS
Band19	5MHz	QPSK	24125	12RB#13	22.03	PASS
Band19	5MHz	QPSK	24125	25RB#0	22.08	PASS

Band19	5MHz	16QAM	24125	1RB#0	21.95	PASS
Band19	5MHz	16QAM	24125	1RB#12	22.18	PASS
Band19	5MHz	16QAM	24125	1RB#24	22.07	PASS
Band19	5MHz	16QAM	24125	12RB#0	21.05	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.16	PASS
Band19	5MHz	16QAM	24125	12RB#13	21.11	PASS
Band19	5MHz	16QAM	24125	25RB#0	21.11	PASS
Band19	10MHz	QPSK	24050	1RB#0	23.26	PASS
Band19	10MHz	QPSK	24050	1RB#24	23.29	PASS
Band19	10MHz	QPSK	24050	1RB#49	23.01	PASS
Band19	10MHz	QPSK	24050	25RB#0	22.29	PASS
Band19	10MHz	QPSK	24050	25RB#12	22.15	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.08	PASS
Band19	10MHz	QPSK	24050	50RB#0	22.19	PASS
Band19	10MHz	16QAM	24050	1RB#0	22.24	PASS
Band19	10MHz	16QAM	24050	1RB#24	22.23	PASS
Band19	10MHz	16QAM	24050	1RB#49	22.00	PASS
Band19	10MHz	16QAM	24050	25RB#0	21.25	PASS
Band19	10MHz	16QAM	24050	25RB#12	21.17	PASS
Band19	10MHz	16QAM	24050	25RB#25	21.08	PASS
Band19	10MHz	16QAM	24050	50RB#0	21.19	PASS
Band19	10MHz	QPSK	24075	1RB#0	23.18	PASS
Band19	10MHz	QPSK	24075	1RB#24	23.24	PASS
Band19	10MHz	QPSK	24075	1RB#49	23.03	PASS
Band19	10MHz	QPSK	24075	25RB#0	22.21	PASS
Band19	10MHz	QPSK	24075	25RB#12	22.09	PASS
Band19	10MHz	QPSK	24075	25RB#25	22.07	PASS
Band19	10MHz	QPSK	24075	50RB#0	22.13	PASS
Band19	10MHz	16QAM	24075	1RB#0	22.02	PASS
Band19	10MHz	16QAM	24075	1RB#24	22.33	PASS
Band19	10MHz	16QAM	24075	1RB#49	21.90	PASS
Band19	10MHz	16QAM	24075	25RB#0	21.27	PASS
Band19	10MHz	16QAM	24075	25RB#12	21.11	PASS
Band19	10MHz	16QAM	24075	25RB#25	21.14	PASS
Band19	10MHz	16QAM	24075	50RB#0	21.18	PASS
Band19	10MHz	QPSK	24100	1RB#0	23.05	PASS
Band19	10MHz	QPSK	24100	1RB#24	23.20	PASS
Band19	10MHz	QPSK	24100	1RB#49	23.08	PASS
Band19	10MHz	QPSK	24100	25RB#0	22.10	PASS
Band19	10MHz	QPSK	24100	25RB#12	22.09	PASS
Band19	10MHz	QPSK	24100	25RB#25	22.06	PASS

Band19	10MHz	QPSK	24100	50RB#0	22.09	PASS
Band19	10MHz	16QAM	24100	1RB#0	22.08	PASS
Band19	10MHz	16QAM	24100	1RB#24	22.20	PASS
Band19	10MHz	16QAM	24100	1RB#49	22.10	PASS
Band19	10MHz	16QAM	24100	25RB#0	21.14	PASS
Band19	10MHz	16QAM	24100	25RB#12	21.12	PASS
Band19	10MHz	16QAM	24100	25RB#25	21.09	PASS
Band19	10MHz	16QAM	24100	50RB#0	21.13	PASS
Band19	15MHz	QPSK	24075	1RB#0	23.56	PASS
Band19	15MHz	QPSK	24075	1RB#38	23.12	PASS
Band19	15MHz	QPSK	24075	1RB#74	22.91	PASS
Band19	15MHz	QPSK	24075	38RB#0	22.11	PASS
Band19	15MHz	QPSK	24075	38RB#18	22.10	PASS
Band19	15MHz	QPSK	24075	38RB#37	22.16	PASS
Band19	15MHz	QPSK	24075	75RB#0	22.15	PASS
Band19	15MHz	16QAM	24075	1RB#0	22.20	PASS
Band19	15MHz	16QAM	24075	1RB#38	21.99	PASS
Band19	15MHz	16QAM	24075	1RB#74	21.97	PASS
Band19	15MHz	16QAM	24075	38RB#0	22.12	PASS
Band19	15MHz	16QAM	24075	38RB#18	21.12	PASS
Band19	15MHz	16QAM	24075	38RB#37	22.15	PASS
Band19	15MHz	16QAM	24075	75RB#0	21.15	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	5.19	13	PASS
Band19	5MHz	QPSK	24025	25RB#0	5.16	13	PASS
Band19	5MHz	16QAM	24025	1RB#0	5.71	13	PASS
Band19	5MHz	16QAM	24025	25RB#0	5.97	13	PASS
Band19	5MHz	QPSK	24075	1RB#0	4.99	13	PASS
Band19	5MHz	QPSK	24075	25RB#0	5.19	13	PASS
Band19	5MHz	16QAM	24075	1RB#0	5.68	13	PASS
Band19	5MHz	16QAM	24075	25RB#0	6.00	13	PASS
Band19	5MHz	QPSK	24125	1RB#0	5.45	13	PASS
Band19	5MHz	QPSK	24125	25RB#0	5.28	13	PASS
Band19	5MHz	16QAM	24125	1RB#0	5.88	13	PASS
Band19	5MHz	16QAM	24125	25RB#0	6.06	13	PASS
Band19	10MHz	QPSK	24050	1RB#0	5.07	13	PASS
Band19	10MHz	QPSK	24050	50RB#0	5.19	13	PASS
Band19	10MHz	16QAM	24050	1RB#0	5.94	13	PASS
Band19	10MHz	16QAM	24050	50RB#0	6.03	13	PASS
Band19	10MHz	QPSK	24075	1RB#0	4.87	13	PASS
Band19	10MHz	QPSK	24075	50RB#0	5.22	13	PASS
Band19	10MHz	16QAM	24075	1RB#0	5.68	13	PASS
Band19	10MHz	16QAM	24075	50RB#0	6.09	13	PASS
Band19	10MHz	QPSK	24100	1RB#0	4.90	13	PASS
Band19	10MHz	QPSK	24100	50RB#0	5.22	13	PASS
Band19	10MHz	16QAM	24100	1RB#0	5.80	13	PASS
Band19	10MHz	16QAM	24100	50RB#0	6.09	13	PASS
Band19	15MHz	QPSK	24075	1RB#0	5.07	13	PASS
Band19	15MHz	QPSK	24075	75RB#0	5.68	13	PASS
Band19	15MHz	16QAM	24075	1RB#0	5.97	13	PASS
Band19	15MHz	16QAM	24075	75RB#0	6.23	13	PASS

Test Graphs



