Appendix for LTE BAND 40(2305-2315)

Product Name: Mobile Phone
Model No: VISION

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	21.75	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	21.70	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#24	21.21	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#24	21.70	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#49	22.04	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#49	21.71	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	21.49	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	21.54	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#12	21.09	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#12	21.17	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#25	21.76	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#25	21.66	PASS
40(2305-2315)	5MHz	QPSK	38725	50RB#0	21.42	PASS
40(2305-2315)	5MHz	16QAM	38725	50RB#0	21.40	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	22.66	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	21.69	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#24	21.54	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#24	21.97	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#49	21.08	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#49	21.09	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	21.99	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	21.42	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#12	21.76	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#12	21.61	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#25	21.68	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#25	21.34	PASS
40(2305-2315)	5MHz	QPSK	38750	50RB#0	21.73	PASS
40(2305-2315)	5MHz	16QAM	38750	50RB#0	21.86	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	21.07	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	21.43	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#24	21.58	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#24	21.14	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#49	21.14	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#49	21.23	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	21.47	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	21.07	PASS

40(2305-2315)	5MHz	QPSK	38775	25RB#12	21.46	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#12	21.77	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#25	21.94	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#25	21.68	PASS
40(2305-2315)	5MHz	QPSK	38775	50RB#0	21.36	PASS
40(2305-2315)	5MHz	16QAM	38775	50RB#0	20.98	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	21.77	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	21.49	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#24	22.86	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#24	21.62	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#49	21.03	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#49	21.84	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#0	21.68	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#0	21.80	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#12	21.21	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#12	21.52	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#25	21.52	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#25	21.92	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	21.73	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	21.88	PASS

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

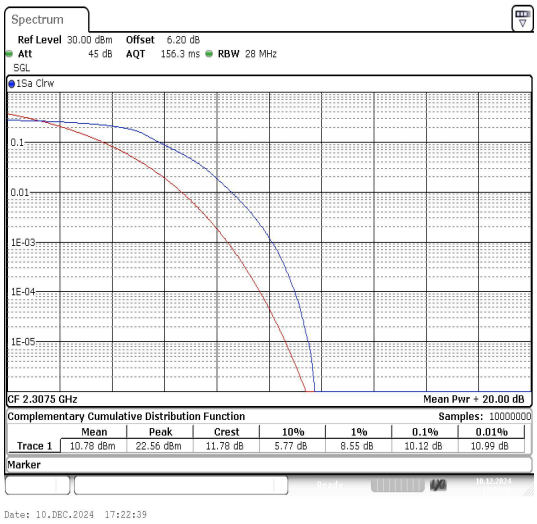
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	9.62	13	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	10.84	13	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	10.12	13	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	10.84	13	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	10.26	13	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	11.13	13	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	10.12	13	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	10.75	13	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	10.06	13	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	10.84	13	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	10.12	13	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	10.93	13	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	9.91	13	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	10.87	13	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	10.06	13	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	10.84	13	PASS

Test Graphs

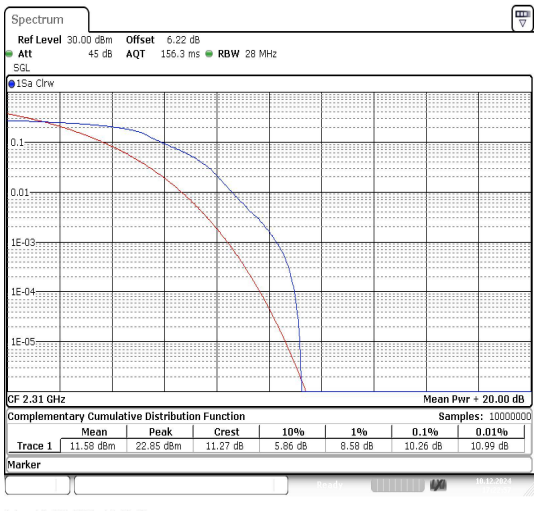
40(2305-2315)-5MHz-QPSK-38725-1RB#0-PASS

40(2305-2315)-5MHz-16QAM-38725-1RB#0-PASS

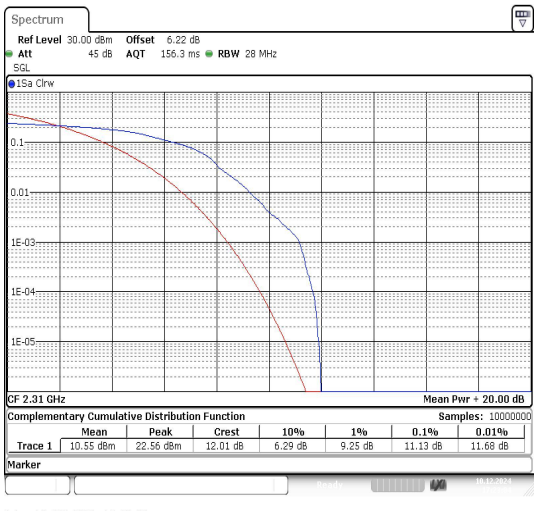


40(2305-2315)-5MHz-QPSK-38725-25RB#0-PASS

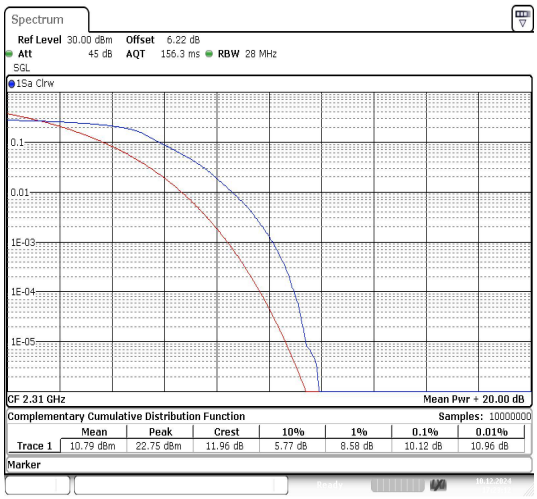
40(2305-2315)-5MHz-16QAM-38725-25RB#0-PASS



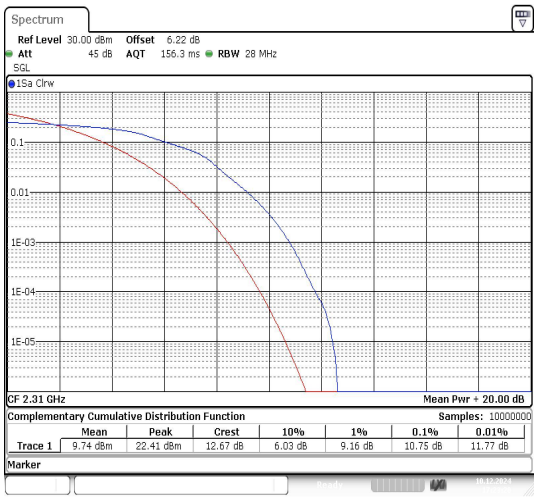
40(2305-2315)-5MHz-QPSK-38750-1RB#0-PASS



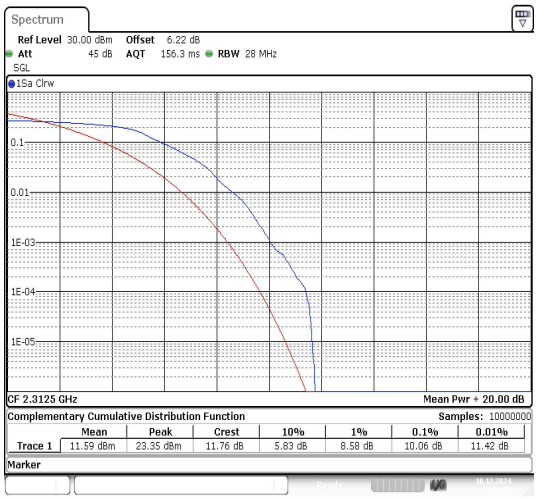
40(2305-2315)-5MHz-16QAM-38750-1RB#0-PASS

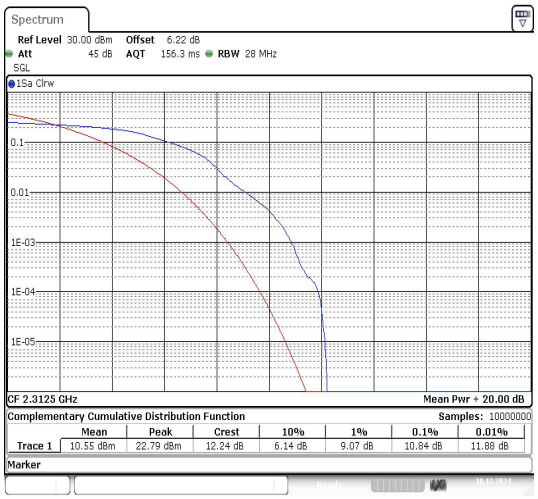


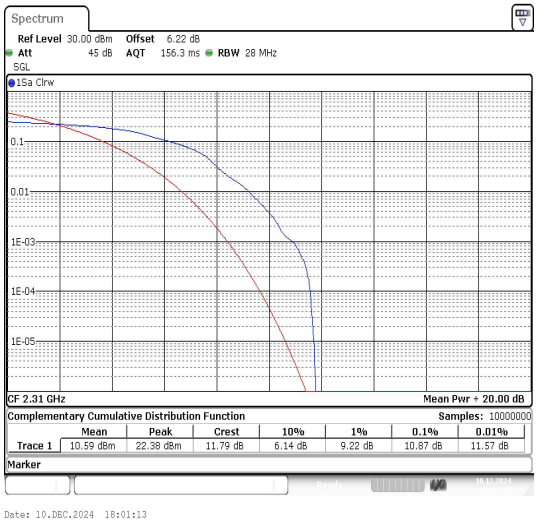
40(2305-2315)-5MHz-QPSK-38750-25RB#0-PASS



40(2305-2315)-5MHz-16QAM-38750-25RB#0-PASS





40(2305-2315)-5MHz-QPSK-38775-1RB#0-PASS	40(2305-2315)-5MHz-16QAM-38775-1RB#0-PASS
40(2305-2315)-5MHz-QPSK-38775-25RB#0-PASS	40(2305-2315)-5MHz-16QAM-38775-25RB#0-PASS
	
40(2305-2315)-10MHz-QPSK-38750-1RB#0-PASS	40(2305-2315)-10MHz-16QAM-38750-1RB#0-PASS