

LTE Test Data

General Description of EUT	
Product Name:	Tablet PC
Test Model:	IRA T1030
Sample ID:	HC-C-202406-0309-01-02
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 3.8V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202406-0309-26. The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	22.21	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#12	22.29	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#24	22.36	PASS
40(2305-2315)	5MHz	QPSK	38725	12RB#0	21.33	PASS
40(2305-2315)	5MHz	QPSK	38725	12RB#6	21.27	PASS
40(2305-2315)	5MHz	QPSK	38725	12RB#13	21.27	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	21.23	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	22.29	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#12	22.25	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#24	22.18	PASS
40(2305-2315)	5MHz	QPSK	38750	12RB#0	21.24	PASS
40(2305-2315)	5MHz	QPSK	38750	12RB#6	21.17	PASS
40(2305-2315)	5MHz	QPSK	38750	12RB#13	21.18	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	21.21	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	22.20	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#12	22.17	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#24	22.21	PASS
40(2305-2315)	5MHz	QPSK	38775	12RB#0	21.35	PASS
40(2305-2315)	5MHz	QPSK	38775	12RB#6	21.25	PASS
40(2305-2315)	5MHz	QPSK	38775	12RB#13	21.30	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	21.33	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	21.24	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#12	21.30	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#24	21.17	PASS
40(2305-2315)	5MHz	16QAM	38725	12RB#0	20.27	PASS
40(2305-2315)	5MHz	16QAM	38725	12RB#6	20.31	PASS
40(2305-2315)	5MHz	16QAM	38725	12RB#13	20.20	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	20.35	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	20.98	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#12	20.89	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#24	20.91	PASS
40(2305-2315)	5MHz	16QAM	38750	12RB#0	20.32	PASS
40(2305-2315)	5MHz	16QAM	38750	12RB#6	20.32	PASS
40(2305-2315)	5MHz	16QAM	38750	12RB#13	20.24	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	20.22	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	21.27	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#12	21.38	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#24	21.34	PASS
40(2305-2315)	5MHz	16QAM	38775	12RB#0	20.14	PASS

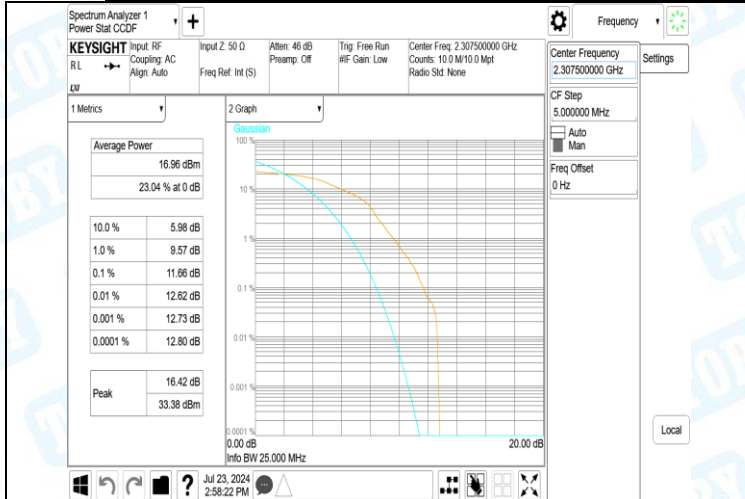
40(2305-2315)	5MHz	16QAM	38775	12RB#6	20.23	PASS
40(2305-2315)	5MHz	16QAM	38775	12RB#13	20.08	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	20.48	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	22.36	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#24	22.30	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#49	22.31	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#0	21.35	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#12	21.17	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#25	21.24	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	21.16	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	21.05	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#24	20.88	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#49	21.02	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#0	20.43	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#12	20.44	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#25	20.48	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	20.41	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#0	21.75	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#12	21.92	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#24	22.09	PASS
40(2350-2360)	5MHz	QPSK	39175	12RB#0	20.96	PASS
40(2350-2360)	5MHz	QPSK	39175	12RB#6	20.92	PASS
40(2350-2360)	5MHz	QPSK	39175	12RB#13	20.78	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	20.94	PASS
40(2350-2360)	5MHz	QPSK	39200	1RB#0	21.87	PASS
40(2350-2360)	5MHz	QPSK	39200	1RB#12	21.86	PASS
40(2350-2360)	5MHz	QPSK	39200	1RB#24	22.02	PASS
40(2350-2360)	5MHz	QPSK	39200	12RB#0	20.72	PASS
40(2350-2360)	5MHz	QPSK	39200	12RB#6	21.04	PASS
40(2350-2360)	5MHz	QPSK	39200	12RB#13	21.13	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	21.16	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#0	21.93	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#12	21.77	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#24	21.69	PASS
40(2350-2360)	5MHz	QPSK	39225	12RB#0	20.96	PASS
40(2350-2360)	5MHz	QPSK	39225	12RB#6	20.96	PASS
40(2350-2360)	5MHz	QPSK	39225	12RB#13	20.87	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	20.95	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#0	20.95	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#12	20.98	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#24	21.01	PASS
40(2350-2360)	5MHz	16QAM	39175	12RB#0	20.00	PASS
40(2350-2360)	5MHz	16QAM	39175	12RB#6	20.01	PASS
40(2350-2360)	5MHz	16QAM	39175	12RB#13	20.02	PASS

40(2350-2360)	5MHz	16QAM	39175	25RB#0	20.19	PASS
40(2350-2360)	5MHz	16QAM	39200	1RB#0	20.48	PASS
40(2350-2360)	5MHz	16QAM	39200	1RB#12	20.76	PASS
40(2350-2360)	5MHz	16QAM	39200	1RB#24	20.65	PASS
40(2350-2360)	5MHz	16QAM	39200	12RB#0	20.10	PASS
40(2350-2360)	5MHz	16QAM	39200	12RB#6	20.18	PASS
40(2350-2360)	5MHz	16QAM	39200	12RB#13	20.05	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	20.13	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#0	21.02	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#12	21.08	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#24	21.04	PASS
40(2350-2360)	5MHz	16QAM	39225	12RB#0	19.86	PASS
40(2350-2360)	5MHz	16QAM	39225	12RB#6	19.88	PASS
40(2350-2360)	5MHz	16QAM	39225	12RB#13	19.83	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	20.19	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#0	20.79	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#24	20.93	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#49	21.80	PASS
40(2350-2360)	10MHz	QPSK	39200	25RB#0	19.79	PASS
40(2350-2360)	10MHz	QPSK	39200	25RB#12	19.80	PASS
40(2350-2360)	10MHz	QPSK	39200	25RB#25	20.91	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	20.84	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#0	19.50	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#24	20.05	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#49	19.64	PASS
40(2350-2360)	10MHz	16QAM	39200	25RB#0	19.09	PASS
40(2350-2360)	10MHz	16QAM	39200	25RB#12	19.04	PASS
40(2350-2360)	10MHz	16QAM	39200	25RB#25	19.96	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	20.02	PASS

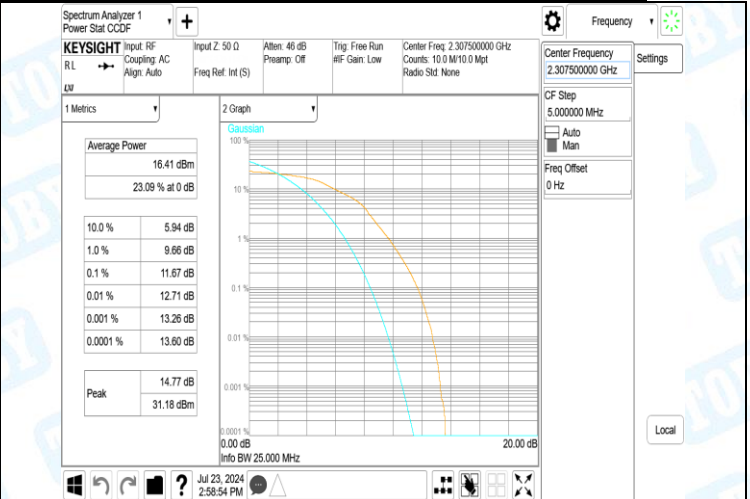
2: Peak-to-Average Ratio(CCDF)

Test Result

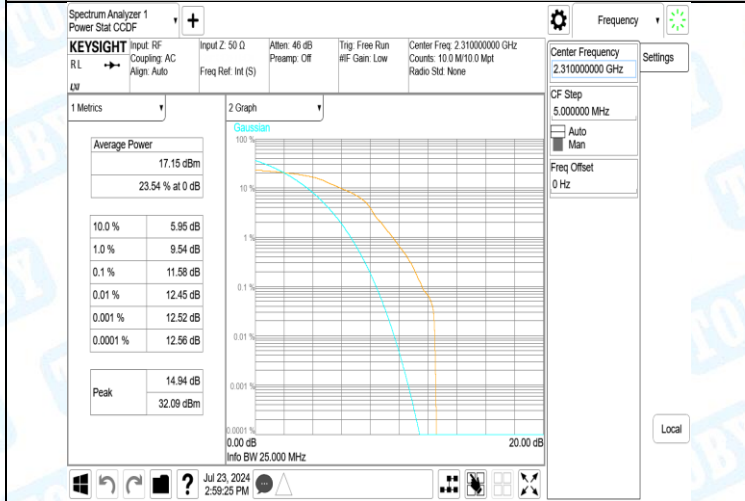
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	9.98	13	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	10.98	13	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	10.40	13	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	10.63	13	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	10.77	13	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	11.03	13	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	11.66	13	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	11.67	13	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	11.58	13	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	11.58	13	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	11.98	13	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	11.32	13	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	10.56	13	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	11.06	13	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	11.43	13	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	11.55	13	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#0	10.25	13	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	10.98	13	PASS
40(2350-2360)	5MHz	QPSK	39200	1RB#0	11.28	13	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	10.88	13	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#0	10.46	13	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	11.16	13	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#0	12.18	13	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	11.65	13	PASS
40(2350-2360)	5MHz	16QAM	39200	1RB#0	11.75	13	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	11.80	13	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#0	11.35	13	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	12.25	13	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#0	10.93	13	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	11.40	13	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#0	11.74	13	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	11.47	13	PASS



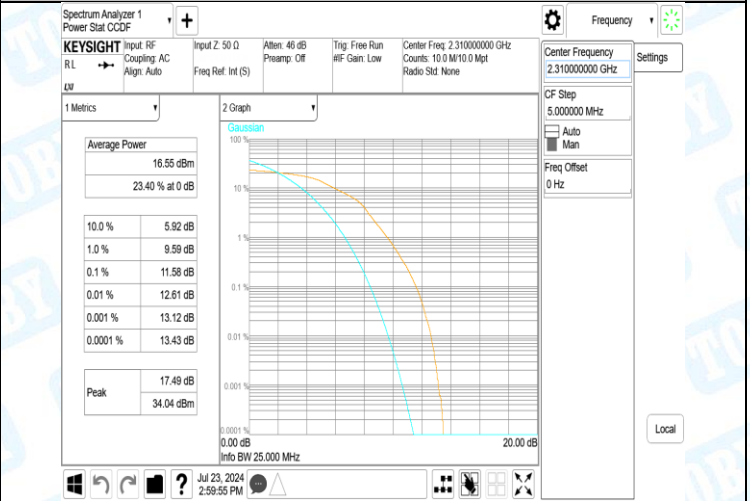
40(2305-2315)-5MHz-16QAM-38750-1RB#0-PASS



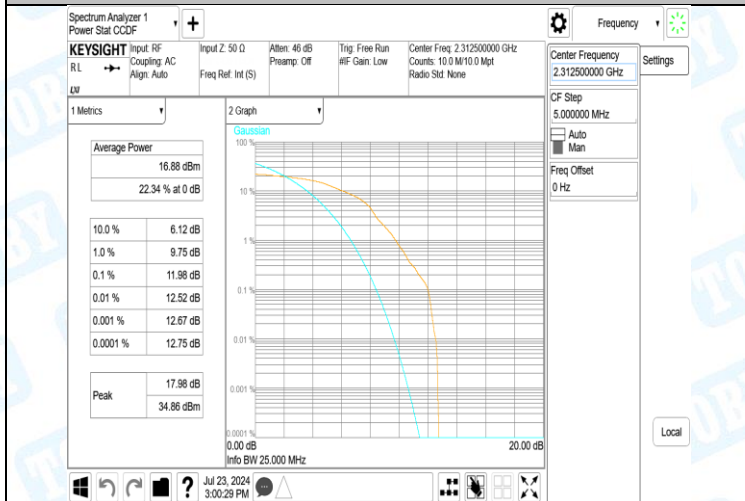
40(2305-2315)-5MHz-16QAM-38750-25RB#0-PASS



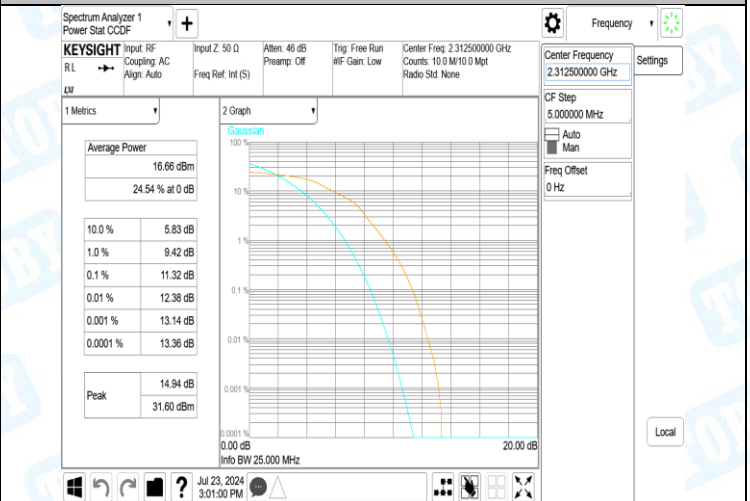
40(2305-2315)-5MHz-16QAM-38775-1RB#0-PASS



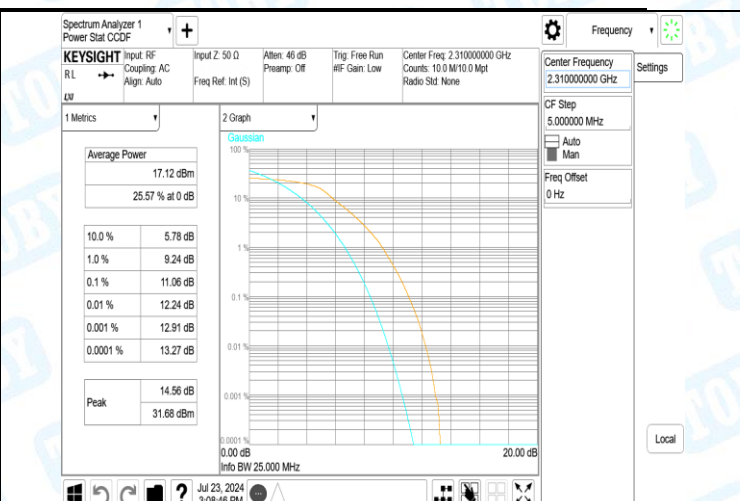
40(2305-2315)-5MHz-16QAM-38775-25RB#0-PASS



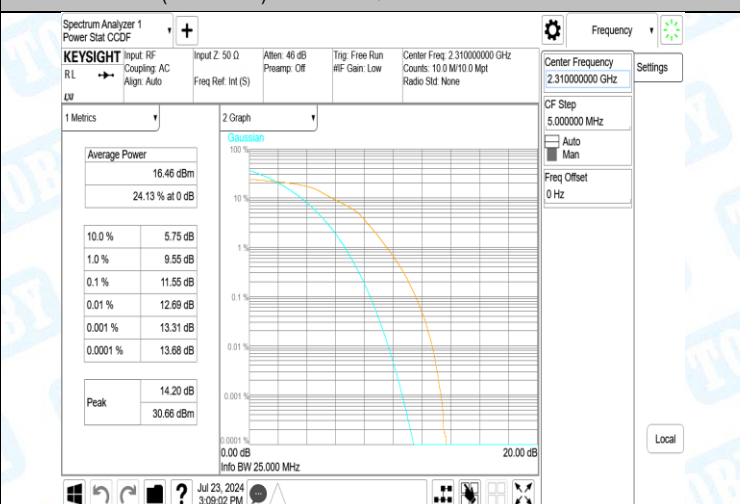
40(2305-2315)-10MHz-QPSK-38750-1RB#0-PASS



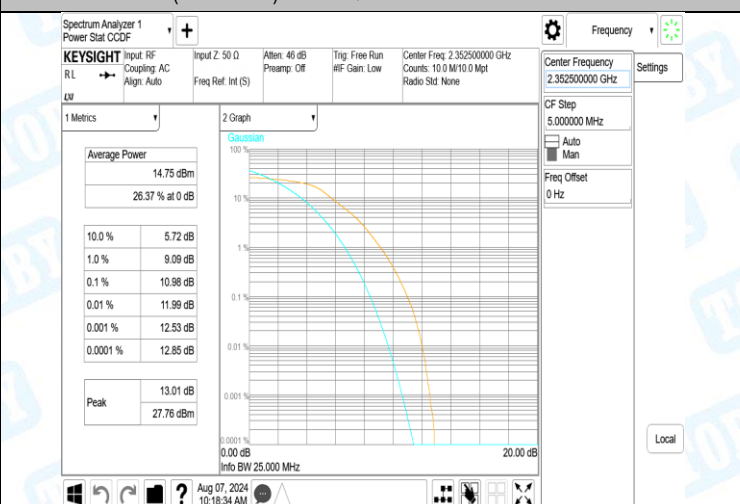
40(2305-2315)-10MHz-QPSK-38750-50RB#0-PASS



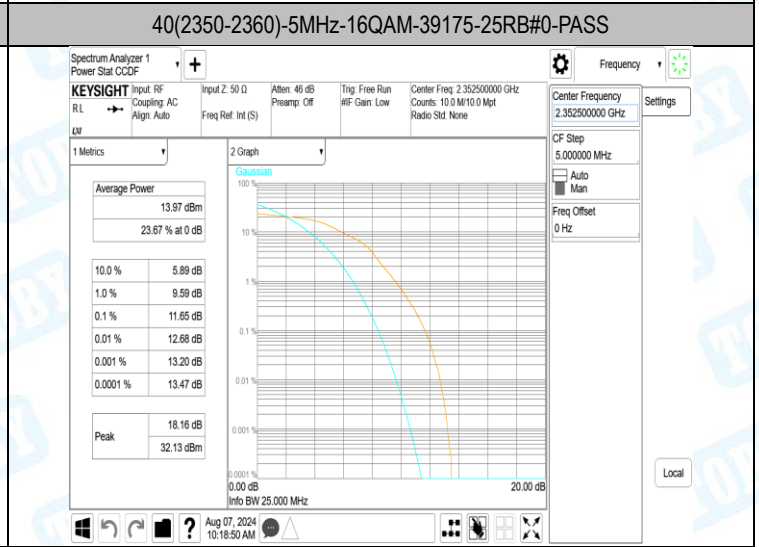
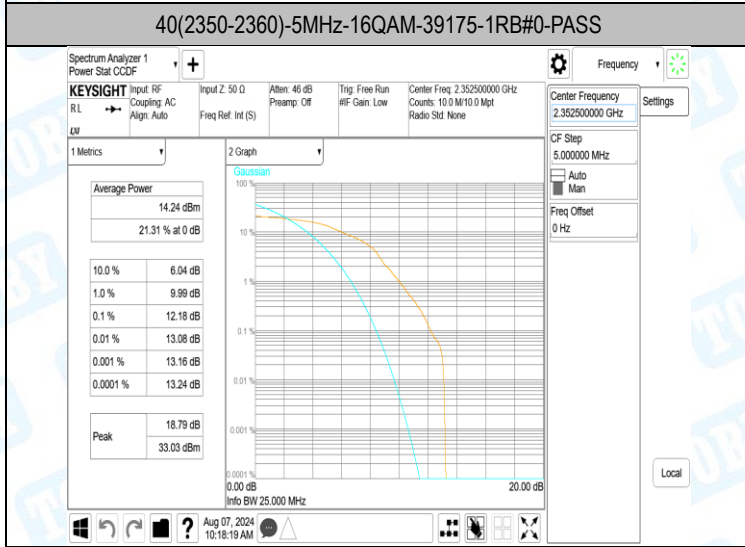
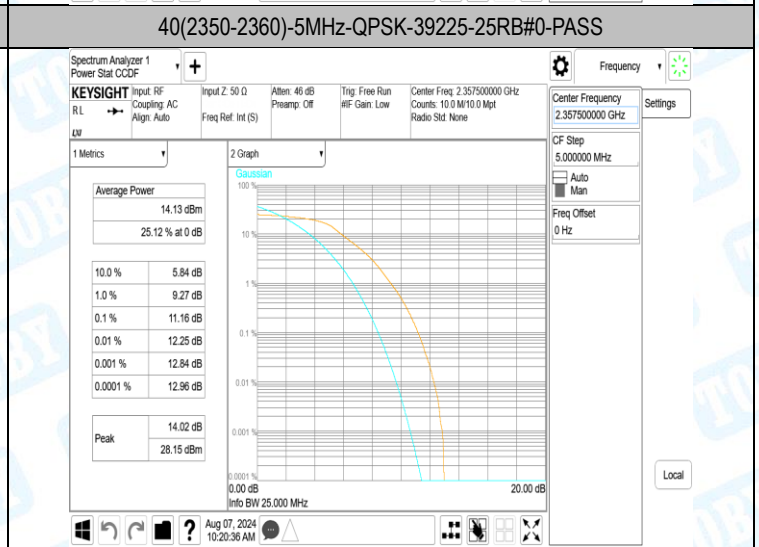
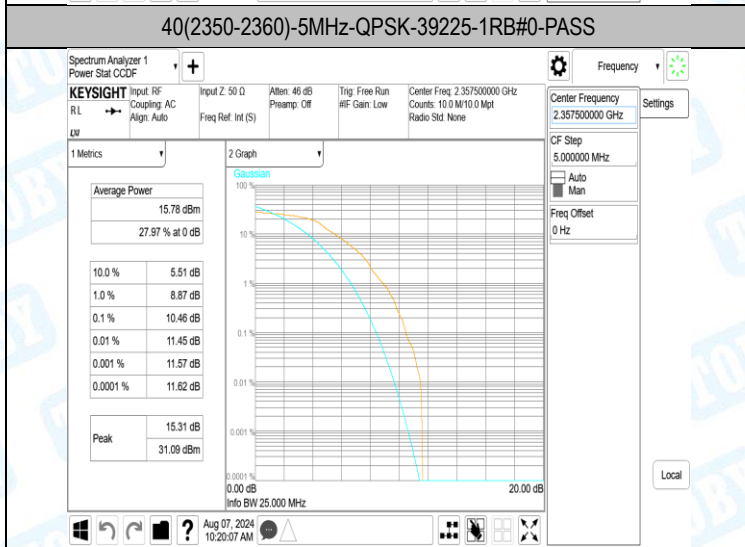
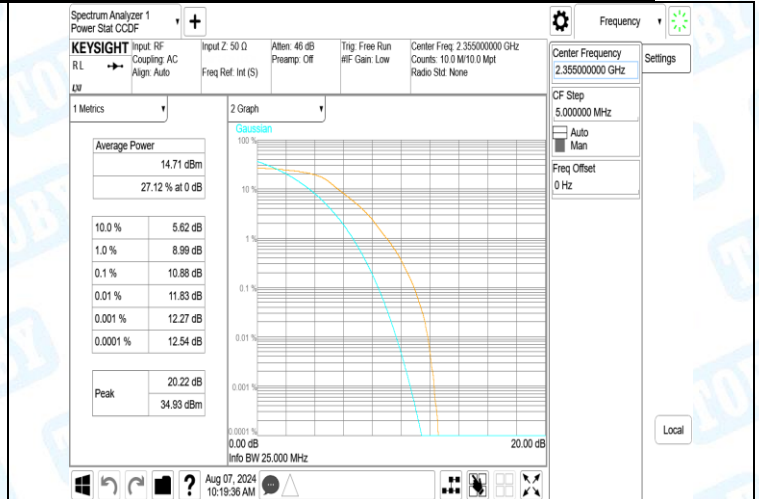
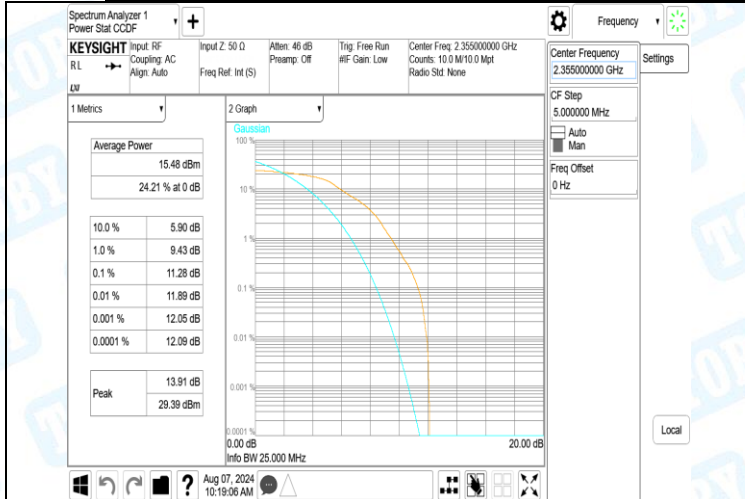
40(2305-2315)-10MHz-16QAM-38750-50RB#0-PASS

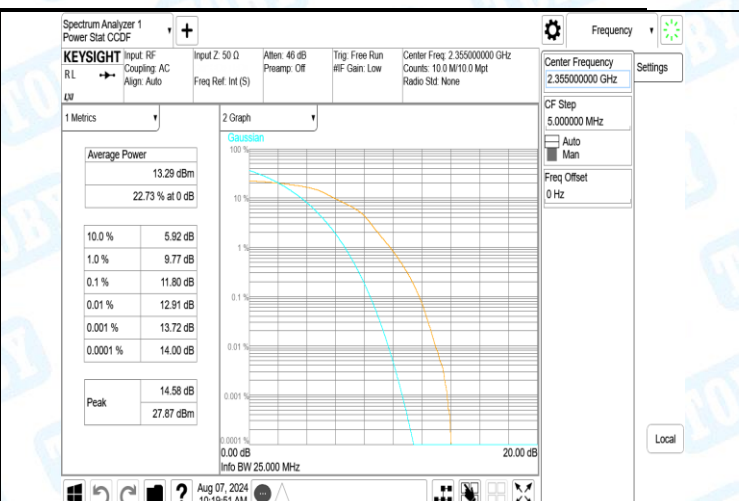


40(2350-2360)-5MHz-QPSK-39175-25RB#0-PASS

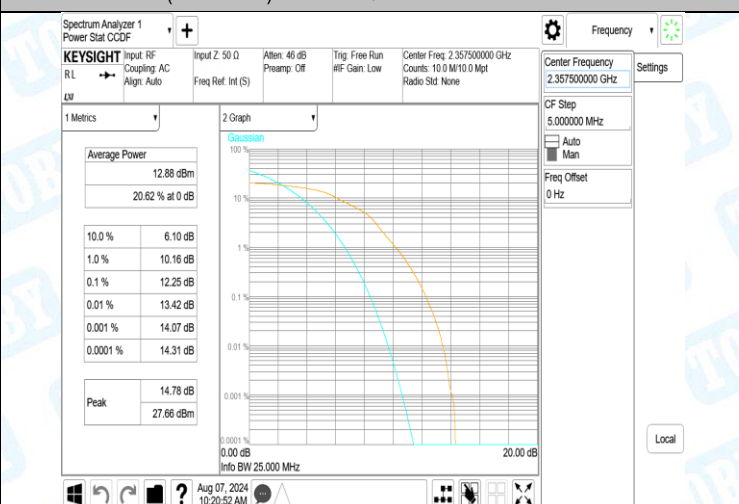


40(2350-2360)-5MHz-QPSK-39200-25RB#0-PASS

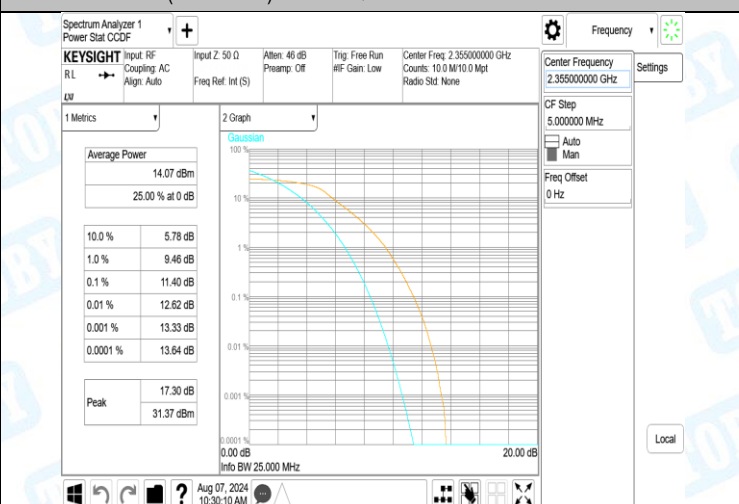




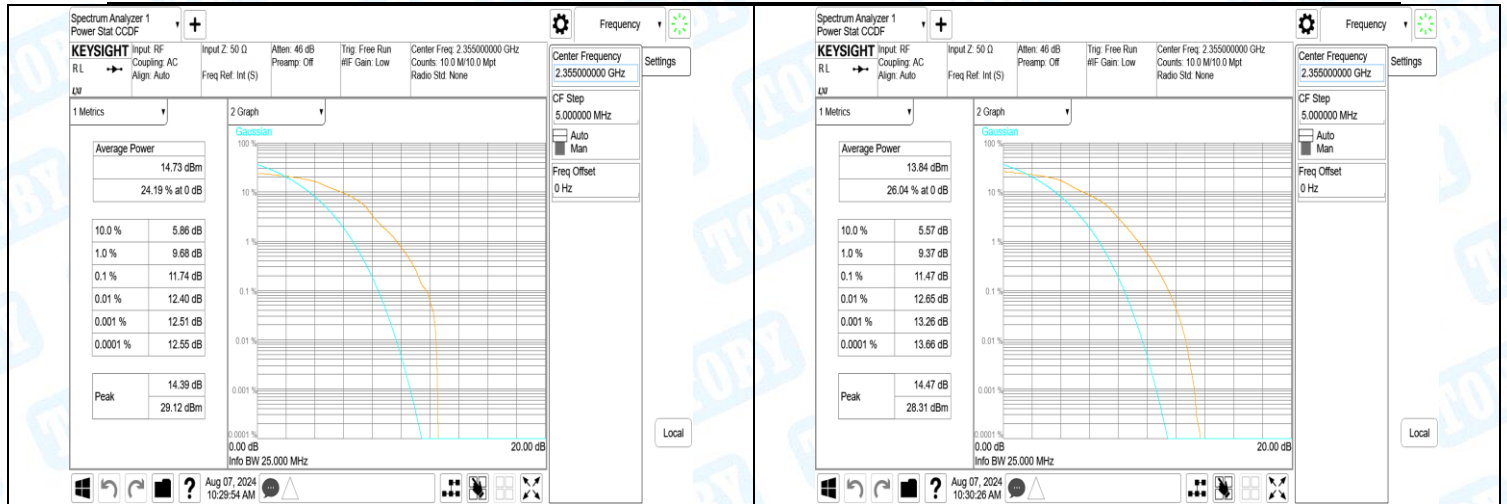
40(2350-2360)-5MHz-16QAM-39225-25RB#0-PASS



40(2350-2360)-10MHz-QPSK-39200-50RB#0-PASS



40(2350-2360)-10MHz-16QAM-39200-50RB#0-PASS



3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
40(2305-2315)	5MHz	QPSK	38725	25RB#0	4.5181	5.016	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	4.5185	5.011	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	4.5027	5.004	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	4.4991	5.096	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	4.4992	5.079	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	4.5057	4.953	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	9.0048	9.861	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	9.0073	10.17	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	4.5167	5.029	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	4.5048	4.950	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	4.5025	4.935	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	4.4974	5.083	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	4.5043	4.939	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	4.5432	5.116	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	9.0084	9.916	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	9.0086	10.17	PASS

Test Graphs



