

LTE Band7 Test Data

General Description of EUT	
Product Name:	Tablet
Test Model:	B7
Test Standard:	FCC Part 2 FCC Part 27
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.85V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202503-3450-115 . 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
Band7	5MHz	QPSK	20775	1RB#0	23.46	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.68	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.46	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.47	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.57	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.55	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.50	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.40	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.92	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.32	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.56	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.53	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.43	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.52	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.30	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.66	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.32	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.40	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.47	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.35	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.39	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.29	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.77	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.36	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.41	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.49	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.45	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.49	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.43	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.76	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.42	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.48	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.55	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.46	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.49	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.22	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.74	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.23	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.37	PASS

Band7	5MHz	16QAM	21425	12RB#6	21.42	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.36	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.44	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.49	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.76	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.44	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.49	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.51	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.54	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.53	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.50	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.63	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.50	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.60	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.50	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.47	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.54	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.30	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.52	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.32	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.44	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.40	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.38	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.37	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.45	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.55	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.46	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.43	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.49	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.52	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.49	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.23	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.66	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.26	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.62	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.52	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.43	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.47	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.09	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.48	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.10	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.46	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.39	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.36	PASS

Band7	10MHz	16QAM	21400	50RB#0	21.35	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.40	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.52	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.37	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.52	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.57	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.53	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.58	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.38	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.58	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.25	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.50	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.55	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.51	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.57	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.35	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.37	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.33	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.38	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.38	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.39	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.37	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.40	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.39	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.38	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.57	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.46	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.54	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.51	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.48	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.45	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.39	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.50	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.41	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.55	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.49	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.06	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.33	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.14	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.38	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.30	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.38	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.34	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.34	PASS

Band7	20MHz	QPSK	20850	1RB#49	23.59	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.30	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.36	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.46	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.47	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.46	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.39	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.51	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.34	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.52	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.50	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.30	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.47	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.26	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.46	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.28	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.25	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.39	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.36	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.30	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.17	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.44	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.13	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.43	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.42	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.52	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.42	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.22	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.56	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.21	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.57	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.44	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.38	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.47	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.34	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.62	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.33	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.42	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.46	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.34	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.34	PASS

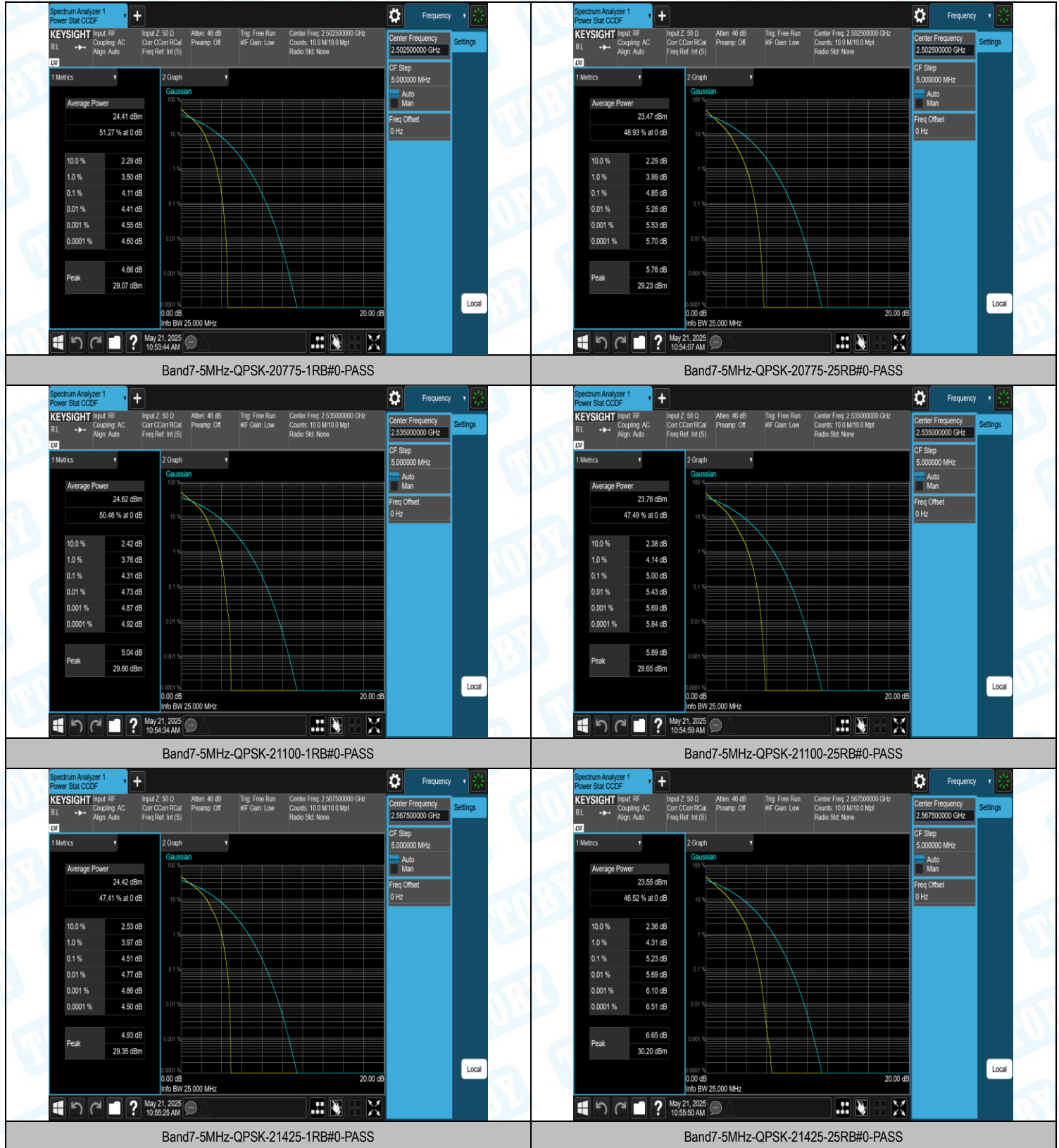
2: Peak-to-Average Ratio(CCDF)

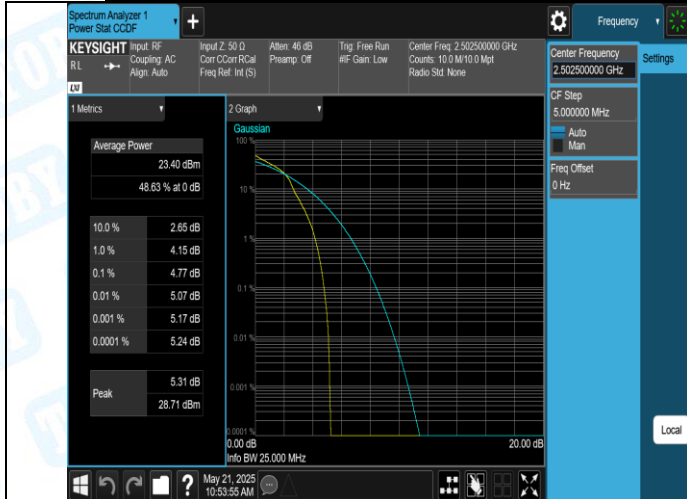
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.11	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.85	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.31	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.00	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.51	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.23	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.77	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.62	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.06	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.77	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.26	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.98	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.96	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.92	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.21	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.98	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.52	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.37	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.89	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.73	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.04	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.79	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.66	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.16	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.91	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.34	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.33	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.31	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.47	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.71	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.85	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.97	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.20	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.94	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.63	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.33	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.94	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.32	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.46	13	PASS

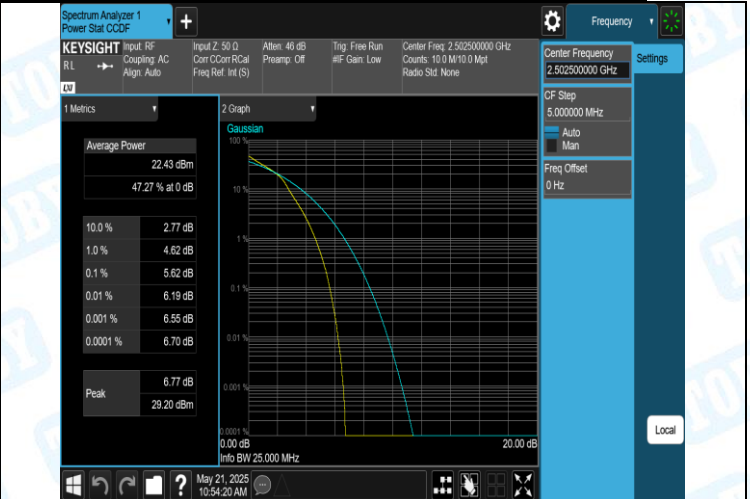
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Band7	20MHz	QPSK	21350	1RB#0	4.46	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.56	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.70	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.07	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.33	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.99	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.55	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.36	13	PASS

Test Graphs





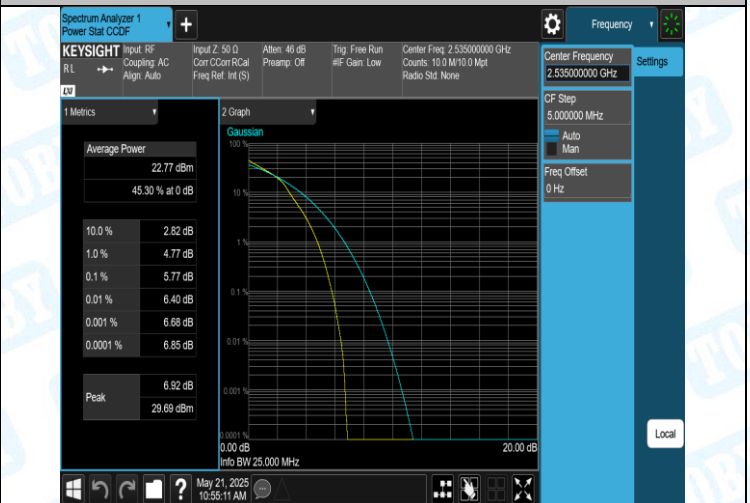
Band7-5MHz-16QAM-20775-1RB#0-PASS



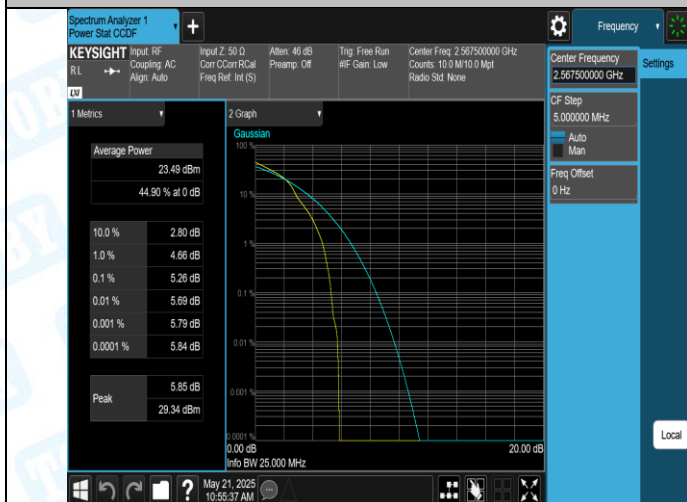
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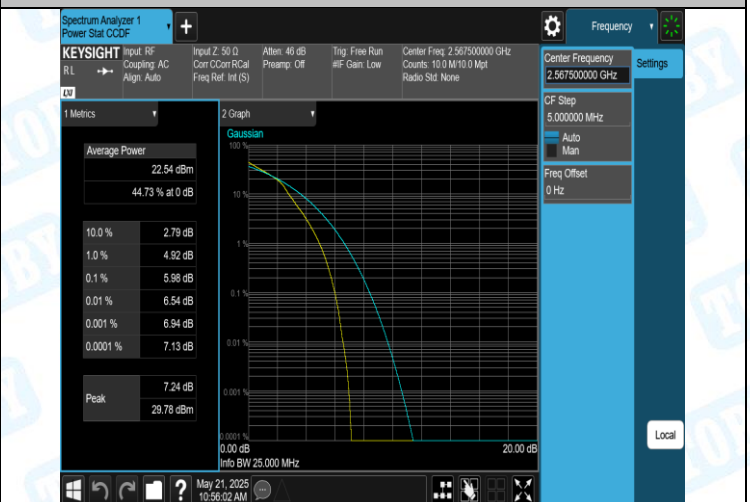
Band7-5MHz-16QAM-21100-1RB#0-PASS



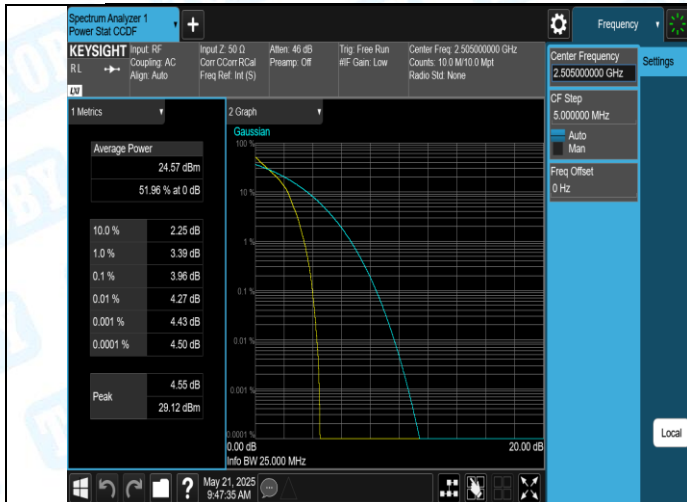
Band7-5MHz-16QAM-21100-25RB#0-PASS



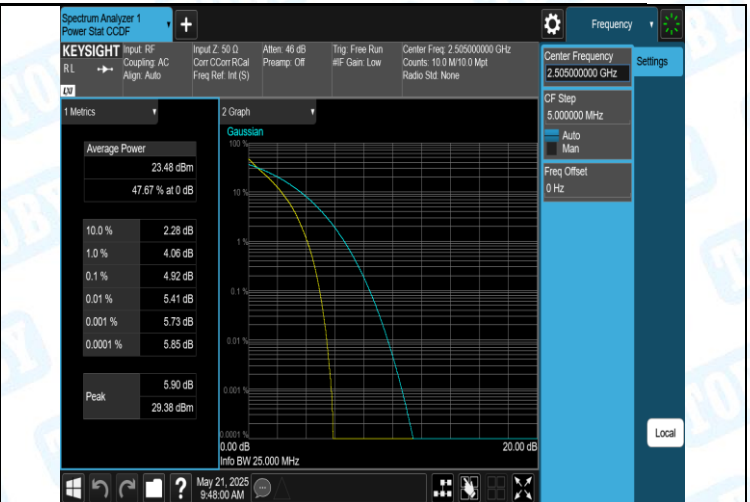
Band7-5MHz-16QAM-21425-1RB#0-PASS



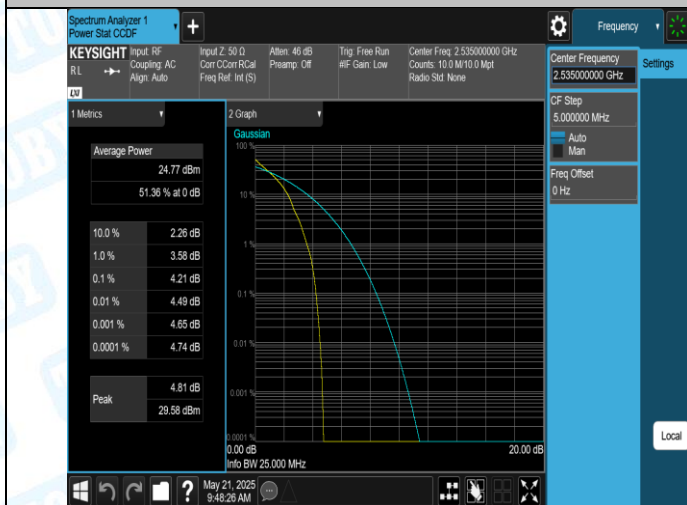
Band7-5MHz-16QAM-21425-25RB#0-PASS



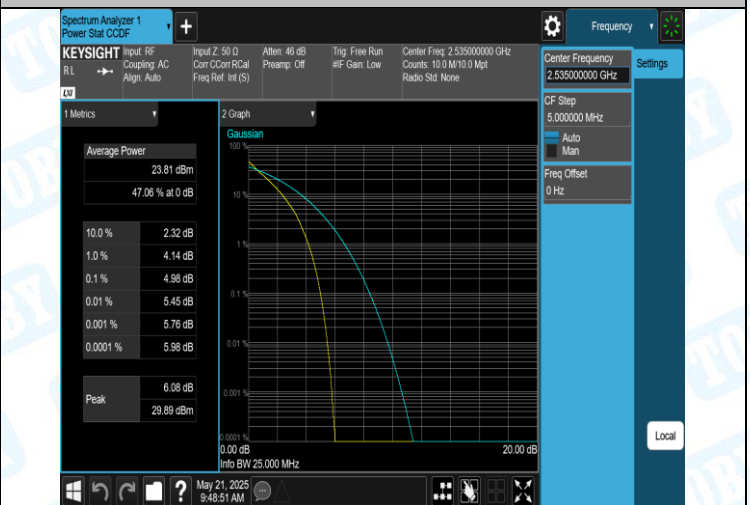
Band7-10MHz-QPSK-20800-1RB#0-PASS



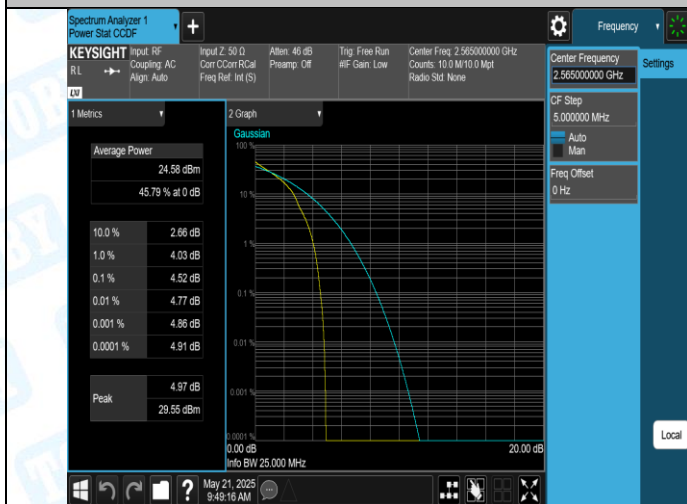
Band7-10MHz-QPSK-20800-50RB#0-PASS



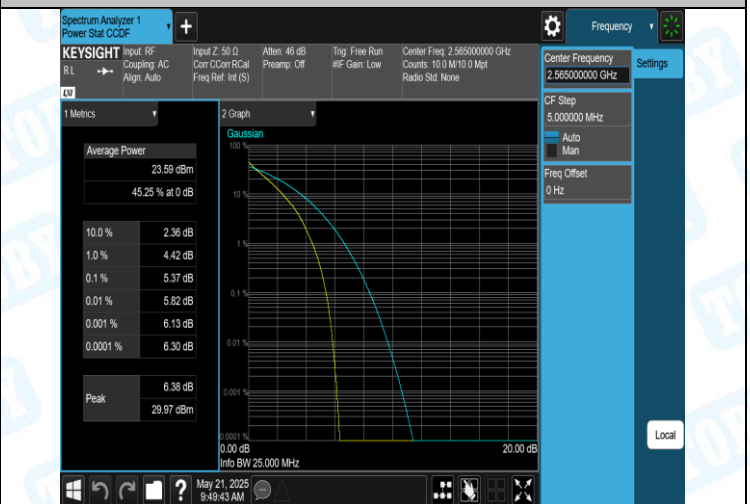
Band7-10MHz-QPSK-21100-1RB#0-PASS



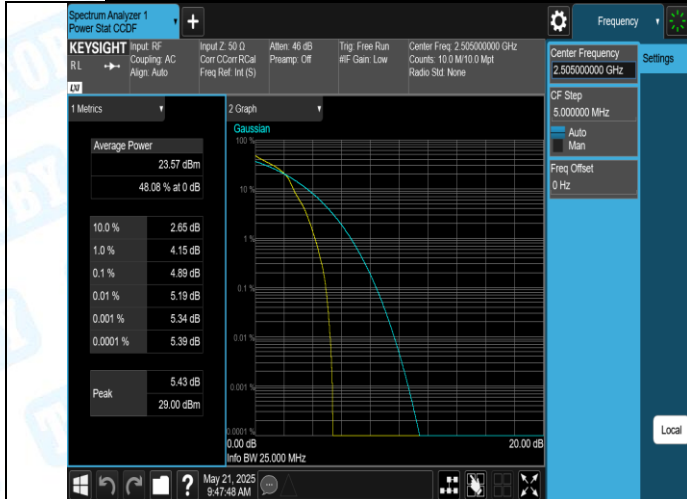
Band7-10MHz-QPSK-21100-50RB#0-PASS



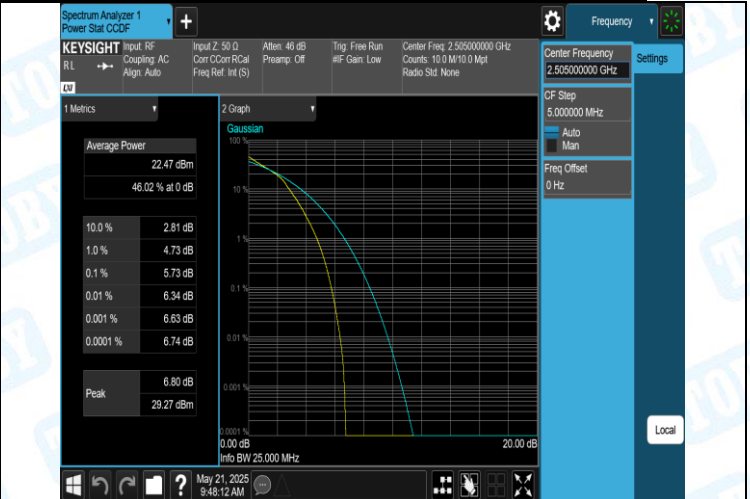
Band7-10MHz-QPSK-21400-1RB#0-PASS



Band7-10MHz-QPSK-21400-50RB#0-PASS



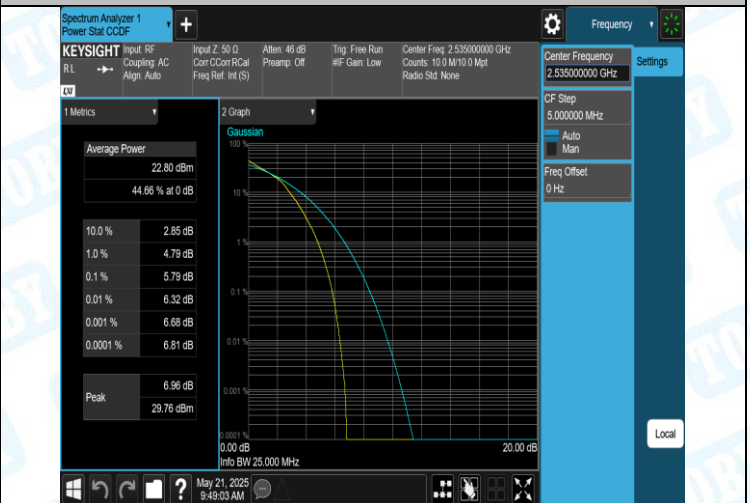
Band7-10MHz-16QAM-20800-1RB#0-PASS



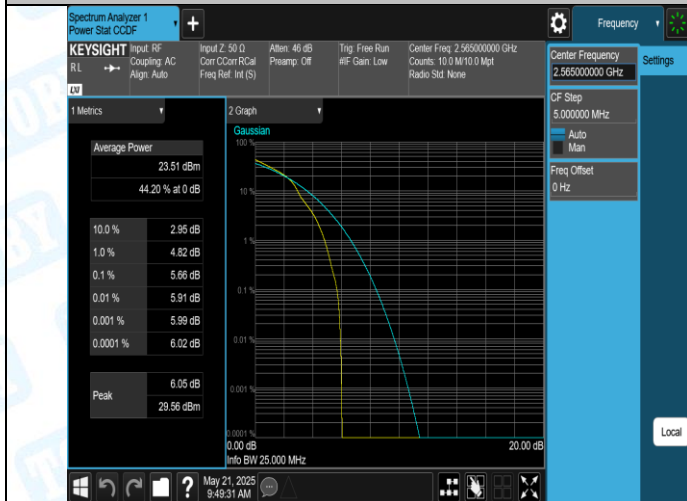
Band7-10MHz-16QAM-20800-50RB#0-PASS



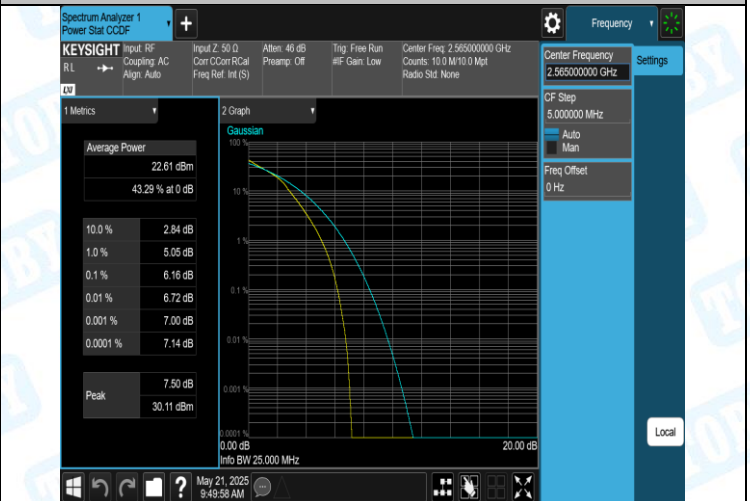
Band7-10MHz-16QAM-21100-1RB#0-PASS



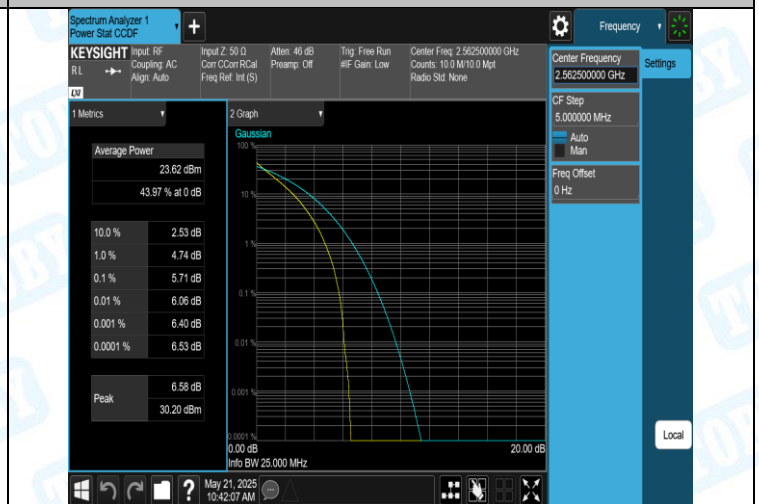
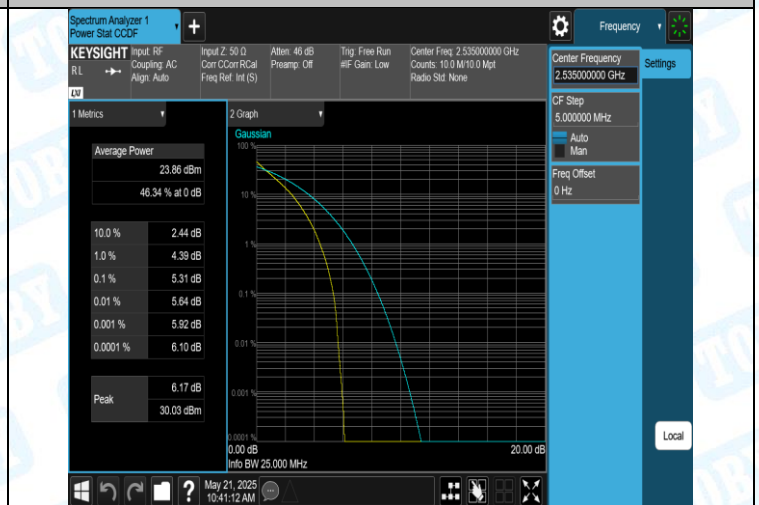
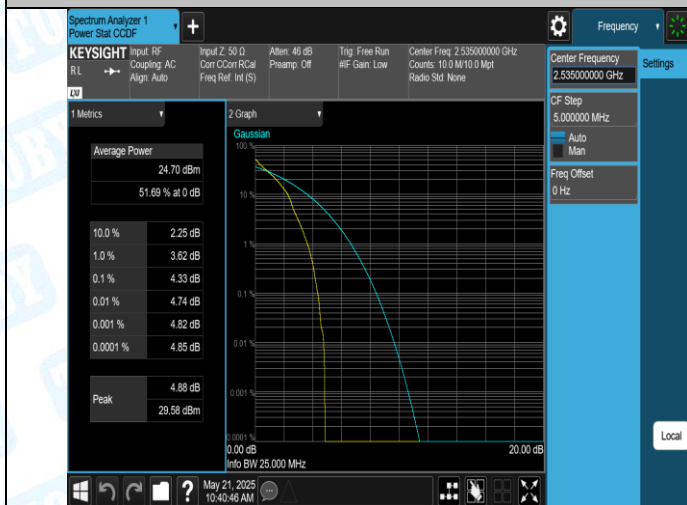
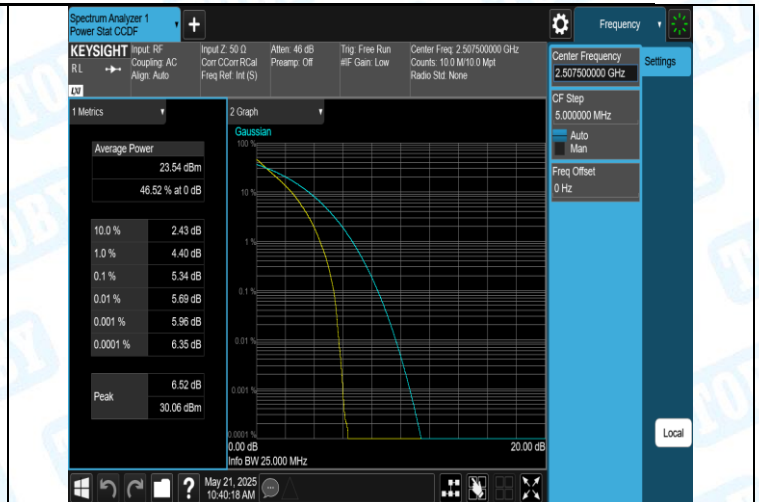
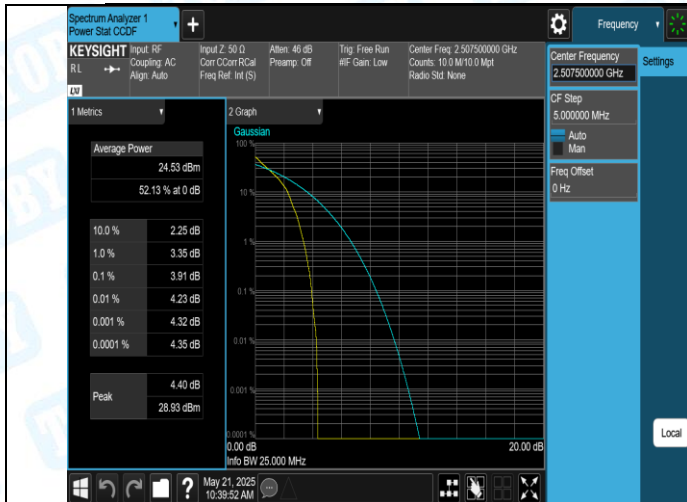
Band7-10MHz-16QAM-21100-50RB#0-PASS

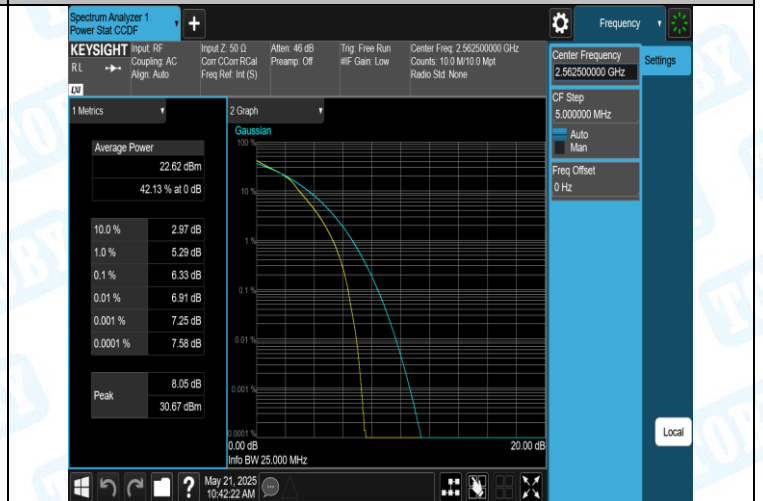
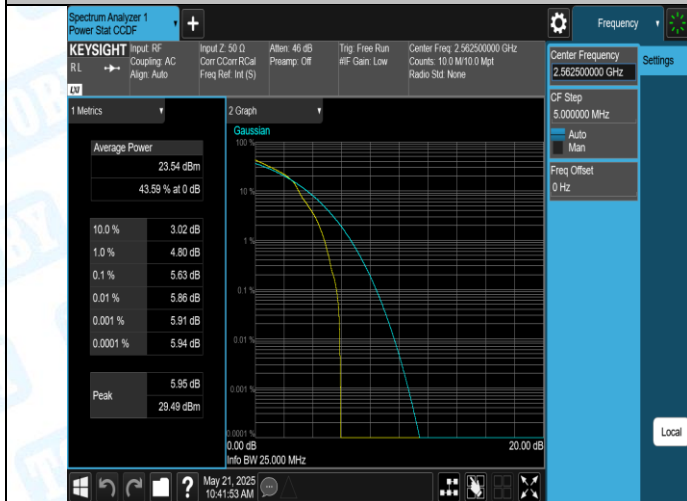
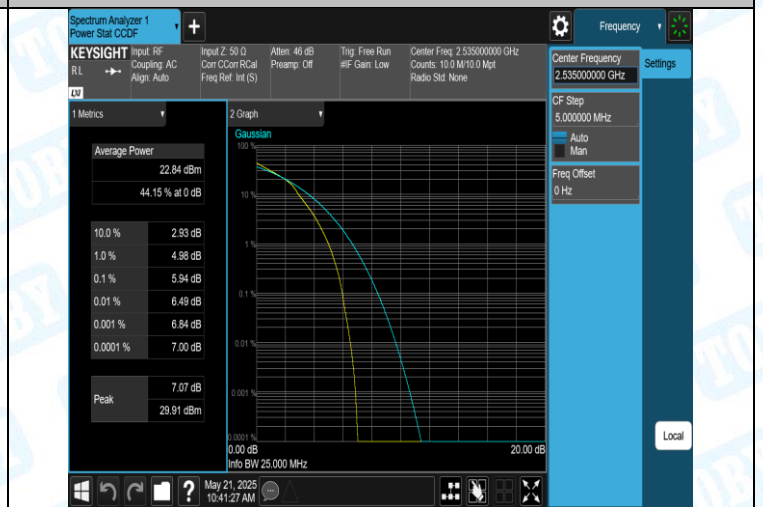
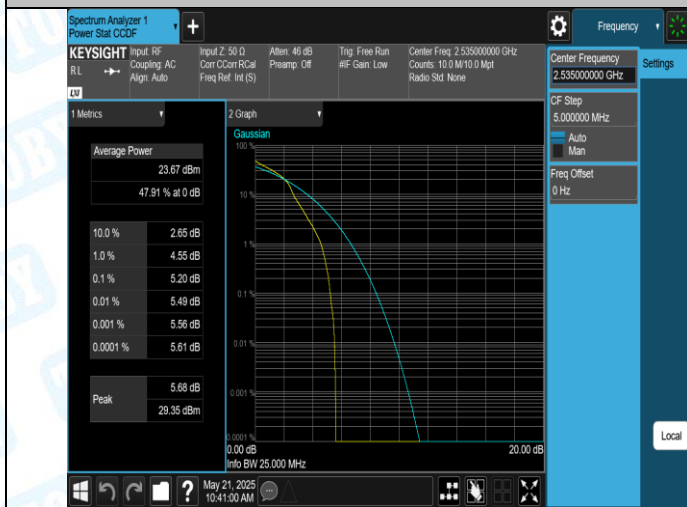
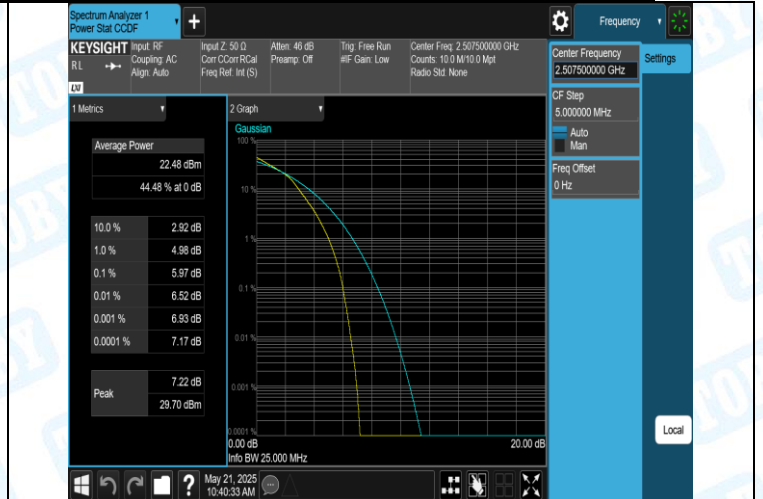


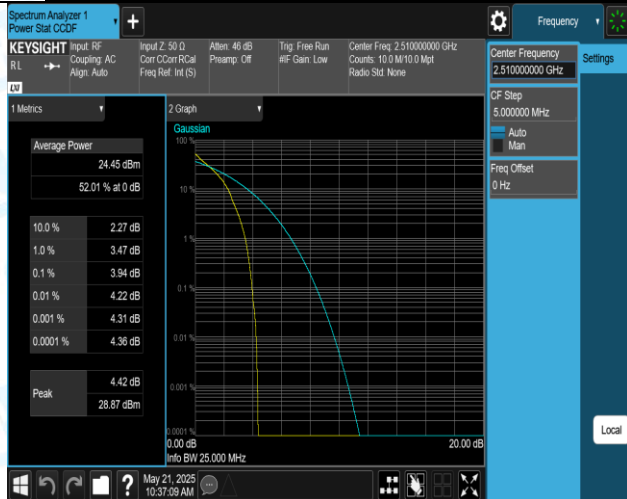
Band7-10MHz-16QAM-21400-1RB#0-PASS



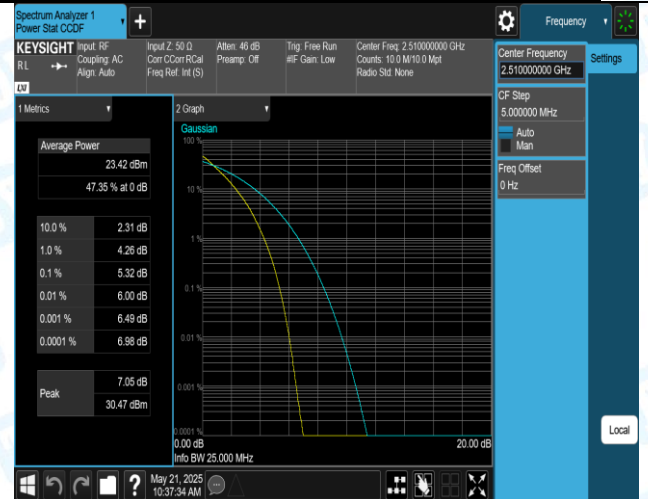
Band7-10MHz-16QAM-21400-50RB#0-PASS



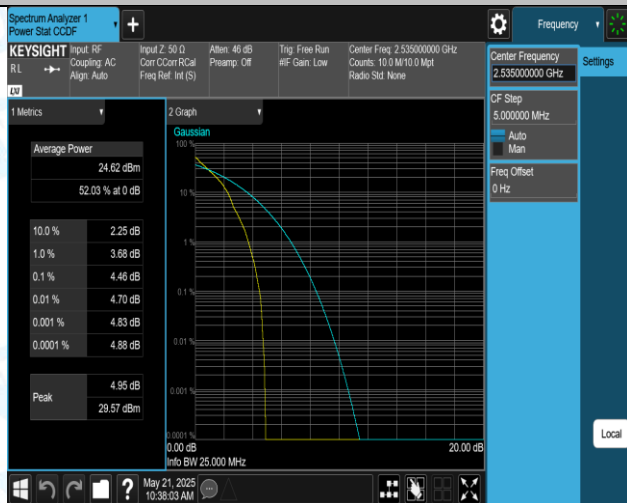




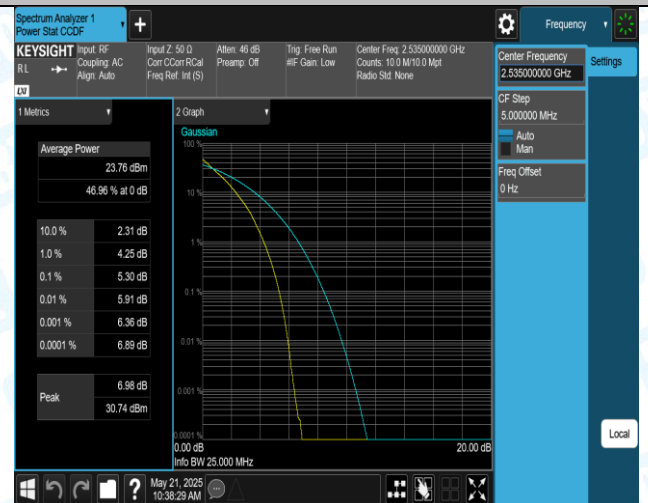
Band7-20MHz-QPSK-20850-1RB#0-PASS



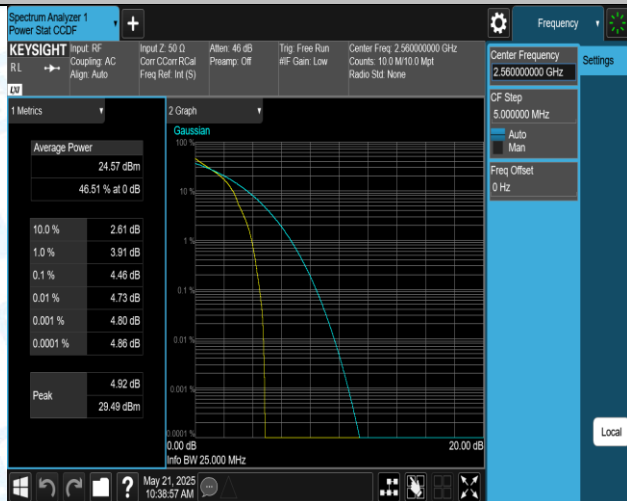
Band7-20MHz-QPSK-20850-100RB#0-PASS



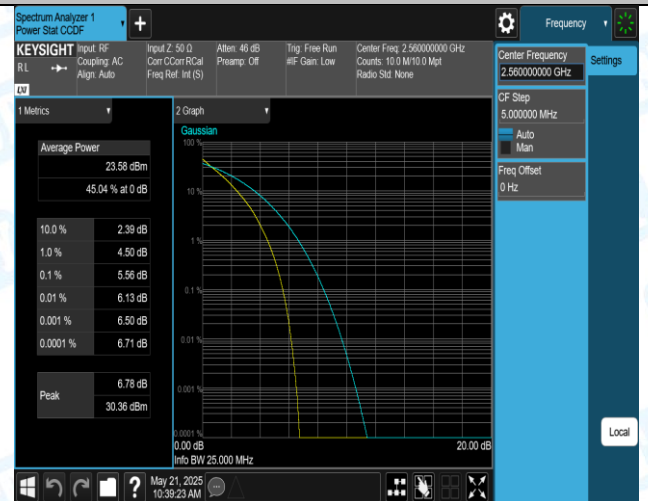
Band7-20MHz-QPSK-21100-1RB#0-PASS



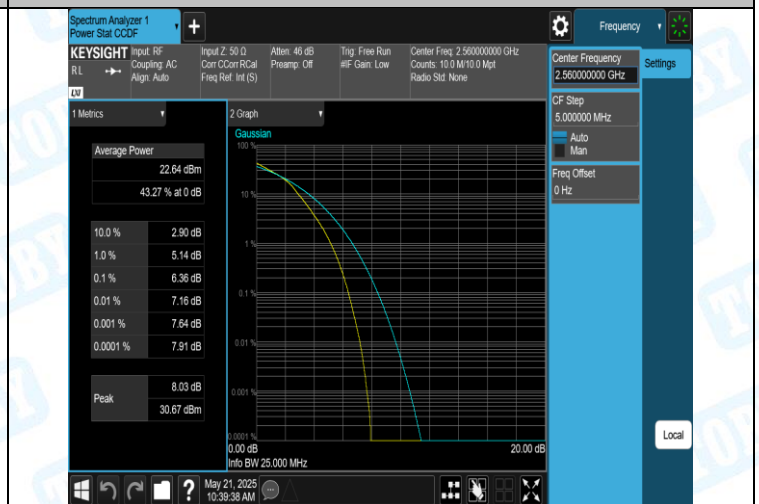
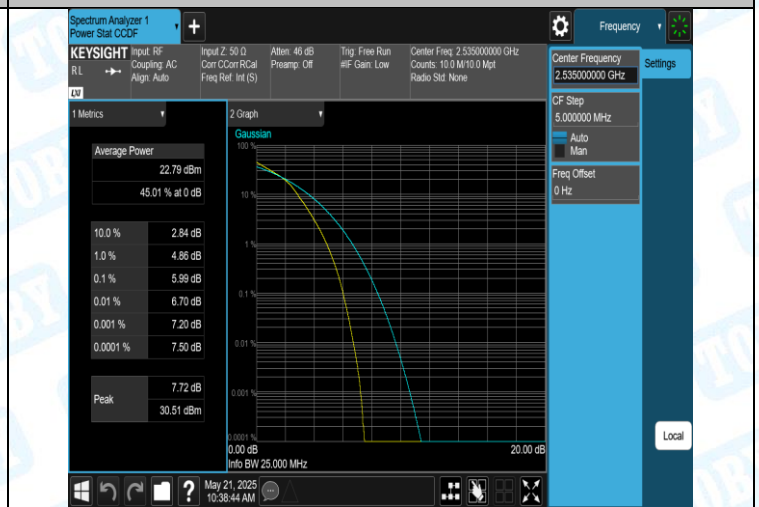
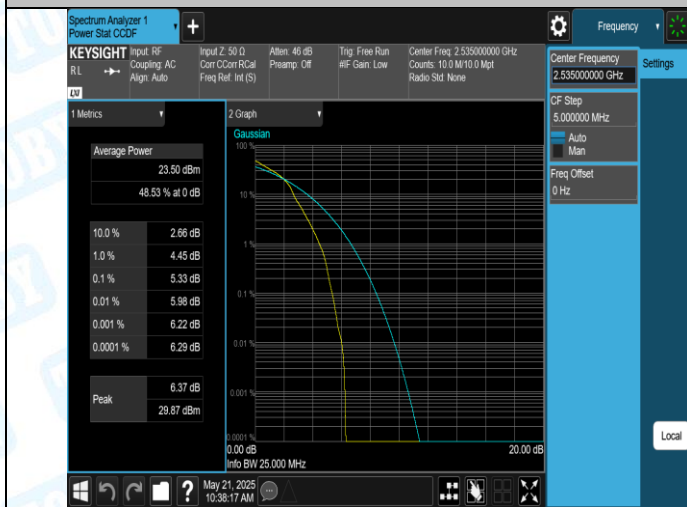
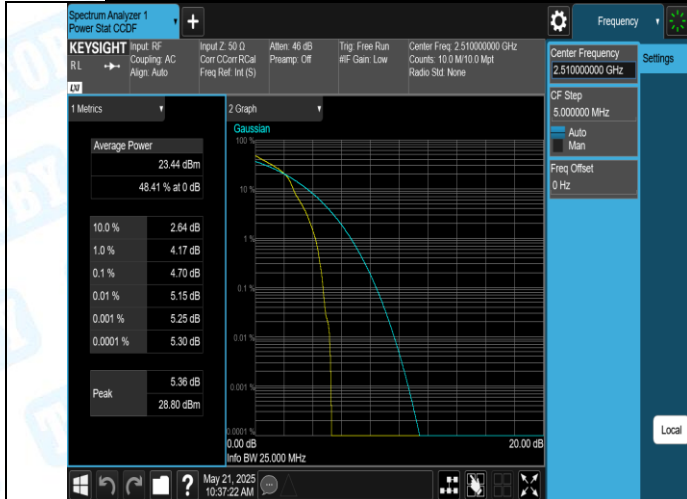
Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4980	4.967	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4937	4.909	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4992	4.932	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4901	4.957	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4911	4.968	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5101	4.979	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.848	20.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	19.838	20.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.838	20.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.824	20.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.829	20.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9744	9.759	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.462	14.67	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.506	14.67	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.464	14.69	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.476	14.63	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.471	14.62	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.460	14.57	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.958	19.37	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.970	19.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.946	19.49	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.967	19.62	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.979	19.29	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.928	20.25	PASS

Test Graphs

