

Appendix-A LTE Band 7

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	16QAM	20775	1RB#0	23.89	26.89	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.34	26.34	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.79	26.79	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.57	25.57	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.72	26.72	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.48	26.48	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.59	26.59	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.69	25.69	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.68	26.68	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.38	26.38	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.45	26.45	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.40	25.4	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.56	26.56	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	24.09	27.09	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.98	26.98	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.93	25.93	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.47	26.47	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.79	26.79	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.51	26.51	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.75	25.75	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.39	26.39	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.84	26.84	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.40	26.4	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.62	25.62	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.79	26.79	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.86	26.86	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	23.91	26.91	33.00	PASS
Band7	15MHz	16QAM	20825	54RB#0	23.12	26.12	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.64	26.64	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.83	26.83	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.65	26.65	33.00	PASS
Band7	15MHz	16QAM	21100	54RB#0	23.02	26.02	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.82	26.82	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.48	26.48	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.89	26.89	33.00	PASS
Band7	15MHz	16QAM	21375	54RB#0	22.68	25.68	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	24.09	27.09	33.00	PASS

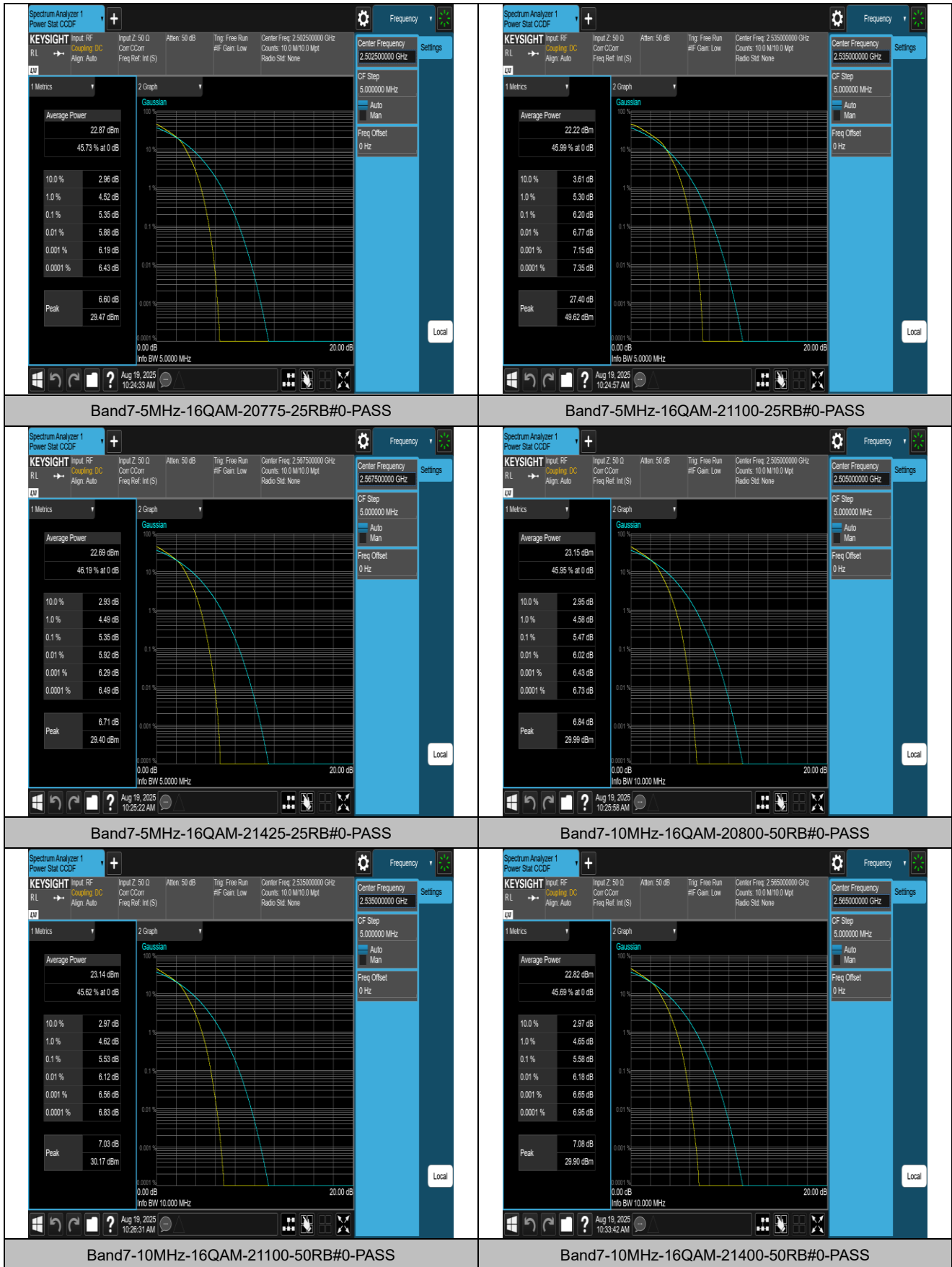
Band7	20MHz	16QAM	20850	1RB#49	24.04	27.04	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.73	26.73	33.00	PASS
Band7	20MHz	16QAM	20850	54RB#0	23.35	26.35	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.72	26.72	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.92	26.92	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.48	26.48	33.00	PASS
Band7	20MHz	16QAM	21100	54RB#0	23.30	26.3	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.58	26.58	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.95	26.95	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.65	26.65	33.00	PASS
Band7	20MHz	16QAM	21350	54RB#0	22.77	25.77	33.00	PASS

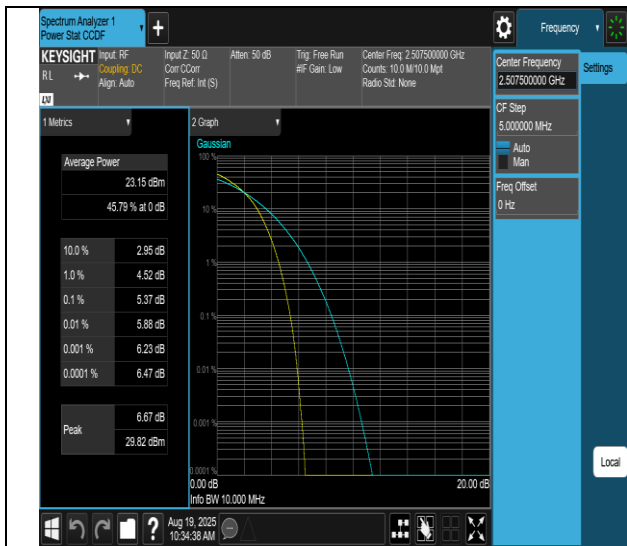
Peak-to-Average Ratio(CCDF)

Test Result

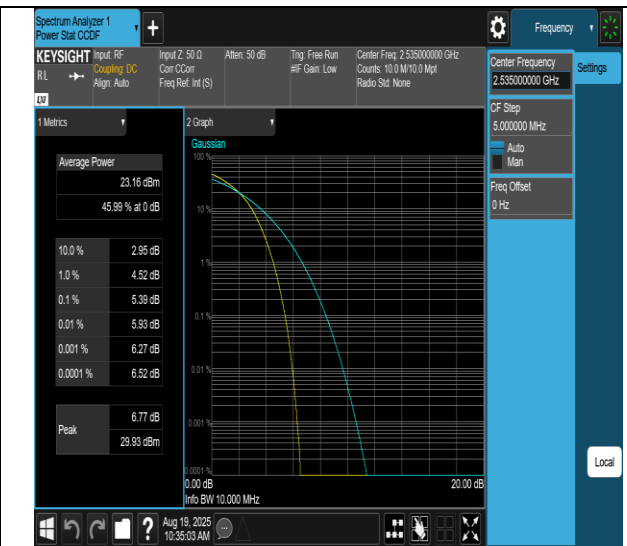
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band7	5MHz	16QAM	20775	25RB#0	5.35	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.20	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.35	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.47	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.53	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.58	13	PASS
Band7	15MHz	16QAM	20825	54RB#0	5.37	13	PASS
Band7	15MHz	16QAM	21100	54RB#0	5.39	13	PASS
Band7	15MHz	16QAM	21375	54RB#0	5.49	13	PASS
Band7	20MHz	16QAM	20850	54RB#0	5.15	13	PASS
Band7	20MHz	16QAM	21100	54RB#0	5.22	13	PASS
Band7	20MHz	16QAM	21350	54RB#0	5.33	13	PASS

Test Graphs

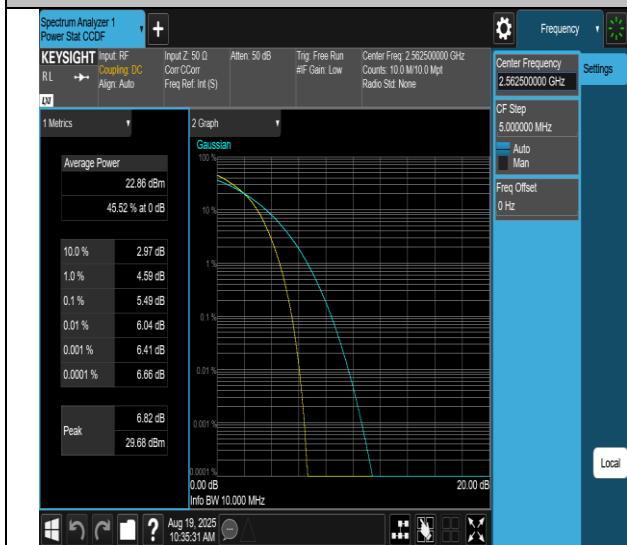




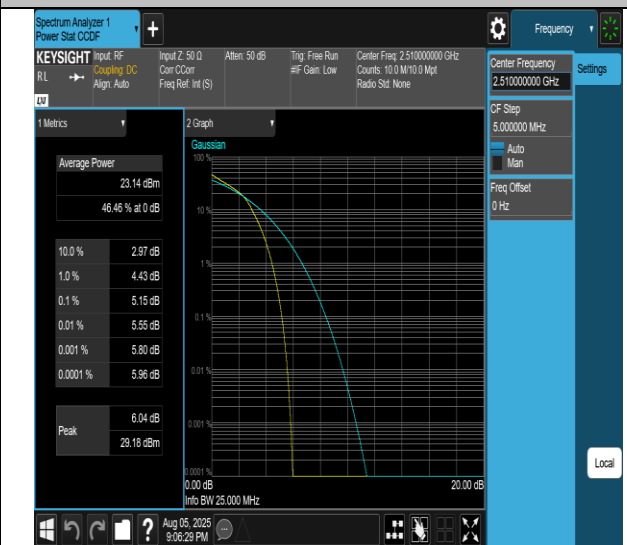
Band7-15MHz-16QAM-20825-54RB#0-PASS



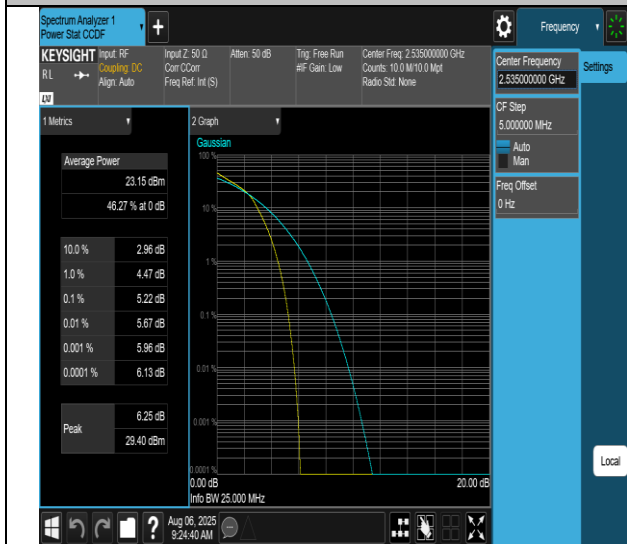
Band7-15MHz-16QAM-21100-54RB#0-PASS



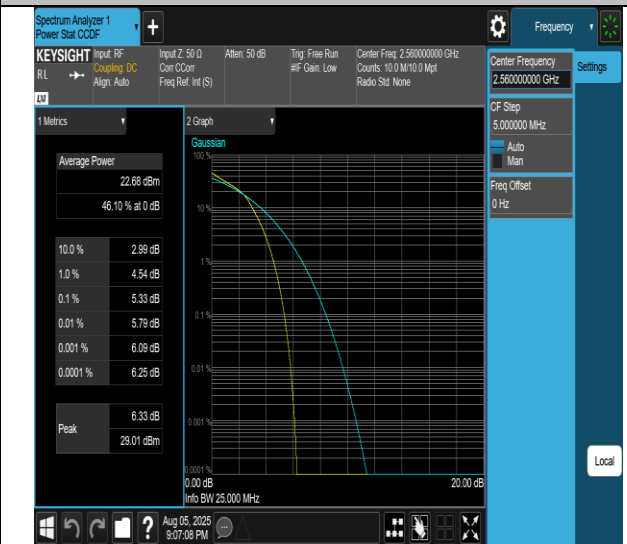
Band7-15MHz-16QAM-21375-54RB#0-PASS



Band7-20MHz-16QAM-20850-54RB#0-PASS



Band7-20MHz-16QAM-21100-54RB#0-PASS



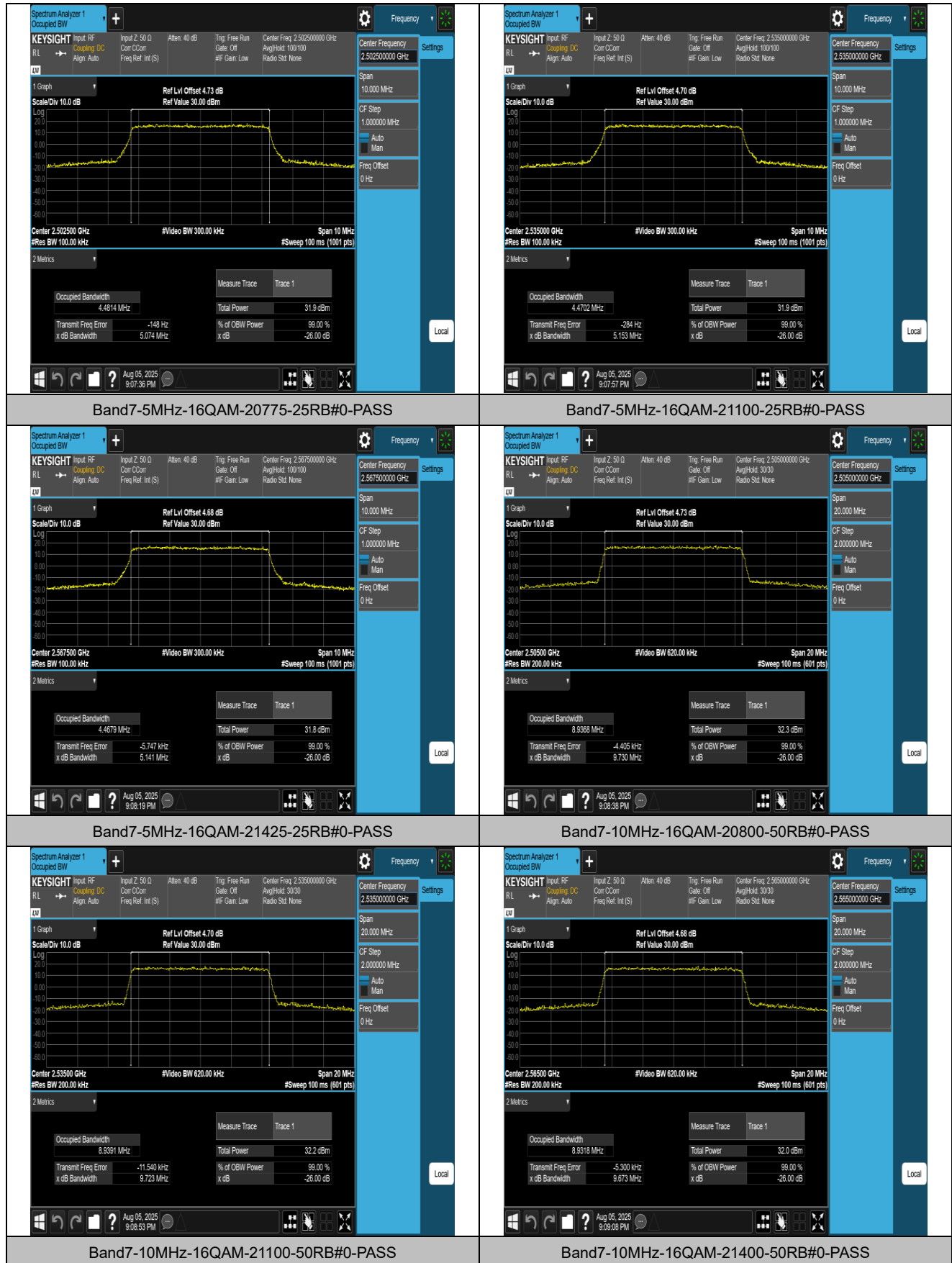
Band7-20MHz-16QAM-21350-54RB#0-PASS

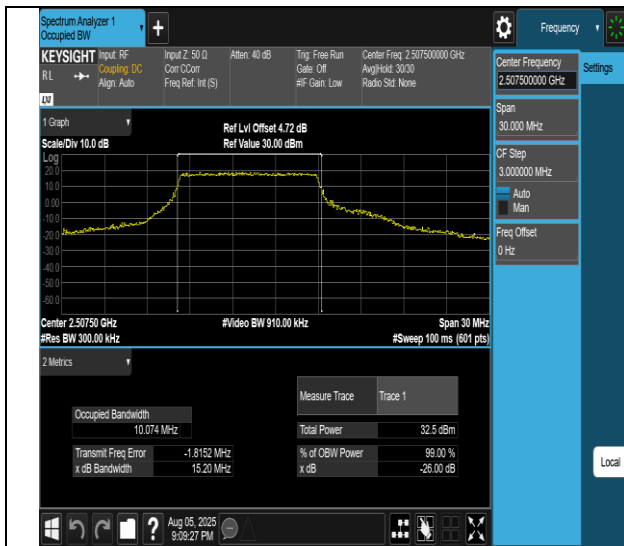
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band7	5MHz	16QAM	20775	25RB#0	4.4814	5.074	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4702	5.153	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4679	5.141	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9368	9.730	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9391	9.723	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9318	9.673	PASS
Band7	15MHz	16QAM	20825	54RB#0	10.074	15.20	PASS
Band7	15MHz	16QAM	21100	54RB#0	9.9833	14.64	PASS
Band7	15MHz	16QAM	21375	54RB#0	10.021	14.87	PASS
Band7	20MHz	16QAM	20850	54RB#0	10.515	16.16	PASS
Band7	20MHz	16QAM	21100	54RB#0	10.376	16.63	PASS
Band7	20MHz	16QAM	21350	54RB#0	10.528	18.20	PASS

Test Graphs

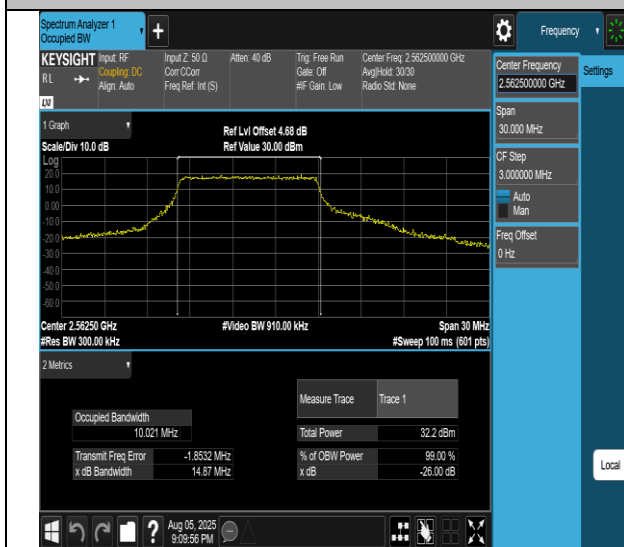




Band7-15MHz-16QAM-20825-54RB#0-PASS



Band7-15MHz-16QAM-21100-54RB#0-PASS



Band7-15MHz-16QAM-21375-54RB#0-PASS



Band7-20MHz-16QAM-20850-54RB#0-PASS



Band7-20MHz-16QAM-21100-54RB#0-PASS



Band7-20MHz-16QAM-21350-54RB#0-PASS

~The End~