

Appendix-A LTE Band 2

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	16QAM	18607	1RB#0	23.59	25.18	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.44	25.03	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.71	24.3	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.60	23.19	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	24.02	25.61	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.99	25.58	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.51	24.1	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.90	23.49	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.91	25.5	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.75	25.34	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.67	24.26	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.40	22.99	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.32	24.91	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.17	24.76	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.09	23.68	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.38	22.97	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.87	25.46	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.80	25.39	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.48	24.07	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.91	23.5	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.24	24.83	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.00	24.59	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.06	23.65	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.46	23.05	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.05	24.64	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.49	24.08	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.87	24.46	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.41	23	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.39	24.98	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.26	24.85	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.29	24.88	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.94	23.53	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.98	24.57	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.87	24.46	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.77	24.36	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.70	23.29	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.45	25.04	33.00	PASS

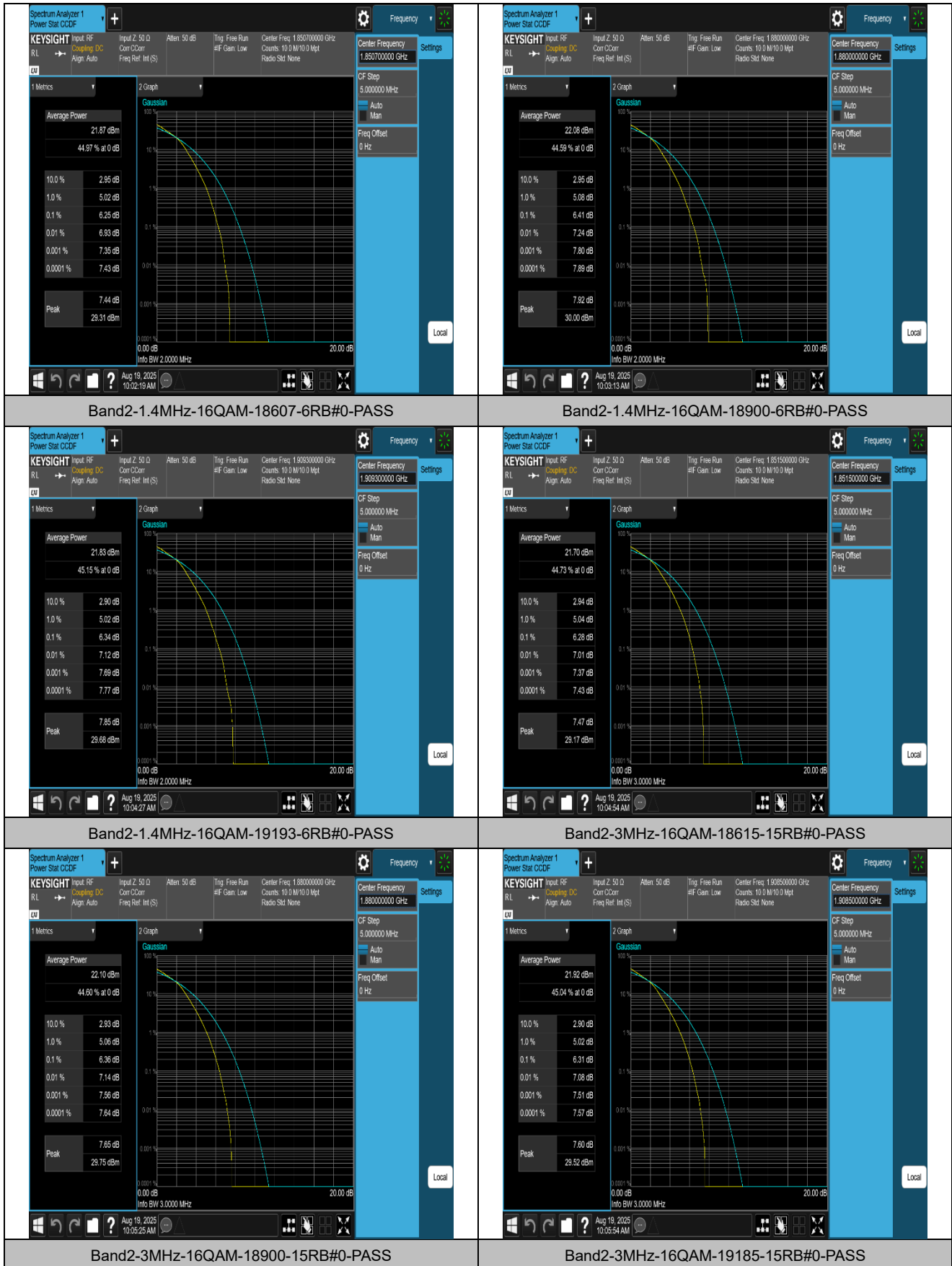
Band2	10MHz	16QAM	18650	1RB#24	22.78	24.37	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.25	24.84	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.62	23.21	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.67	25.26	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.56	25.15	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.14	24.73	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.05	23.64	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.58	25.17	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.45	25.04	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.95	24.54	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.91	23.5	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.60	25.19	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.02	24.61	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.57	25.16	33.00	PASS
Band2	15MHz	16QAM	18675	54RB#0	21.85	23.44	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.46	25.05	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.32	24.91	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.33	24.92	33.00	PASS
Band2	15MHz	16QAM	18900	54RB#0	22.19	23.78	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.25	24.84	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.13	24.72	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.46	25.05	33.00	PASS
Band2	15MHz	16QAM	19125	54RB#0	22.09	23.68	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.82	25.41	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.16	24.75	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.91	25.5	33.00	PASS
Band2	20MHz	16QAM	18700	54RB#0	22.61	24.2	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.57	25.16	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.41	25	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.16	24.75	33.00	PASS
Band2	20MHz	16QAM	18900	54RB#0	23.09	24.68	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.71	25.3	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.53	25.12	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.33	24.92	33.00	PASS
Band2	20MHz	16QAM	19100	54RB#0	22.44	24.03	33.00	PASS

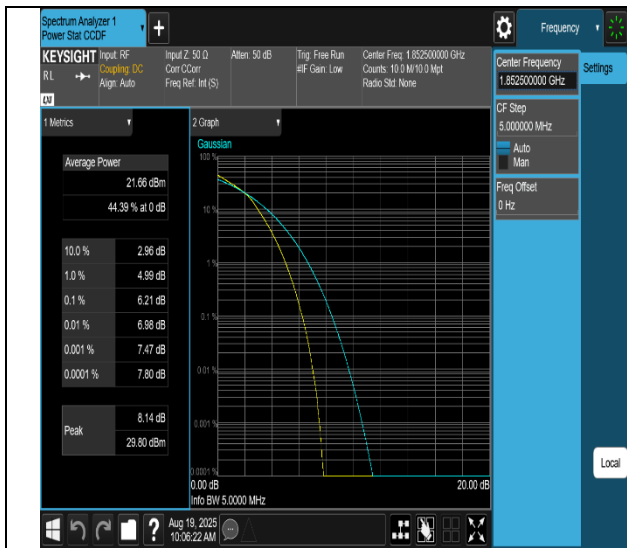
Peak-to-Average Ratio(CCDF)

Test Result

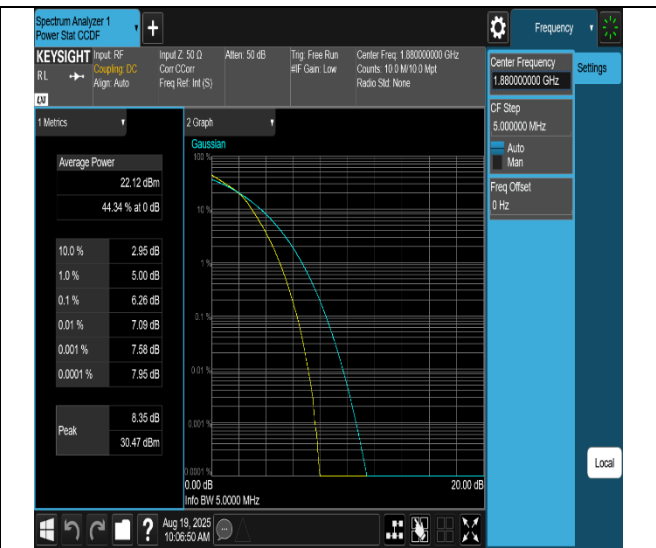
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band2	1.4MHz	16QAM	18607	6RB#0	6.25	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.41	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.34	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.28	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.36	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.31	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.21	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.26	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.21	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.32	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.35	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.31	13	PASS
Band2	15MHz	16QAM	18675	54RB#0	6.20	13	PASS
Band2	15MHz	16QAM	18900	54RB#0	6.21	13	PASS
Band2	15MHz	16QAM	19125	54RB#0	6.18	13	PASS
Band2	20MHz	16QAM	18700	54RB#0	6.27	13	PASS
Band2	20MHz	16QAM	18900	54RB#0	6.30	13	PASS
Band2	20MHz	16QAM	19100	54RB#0	6.25	13	PASS

Test Graphs

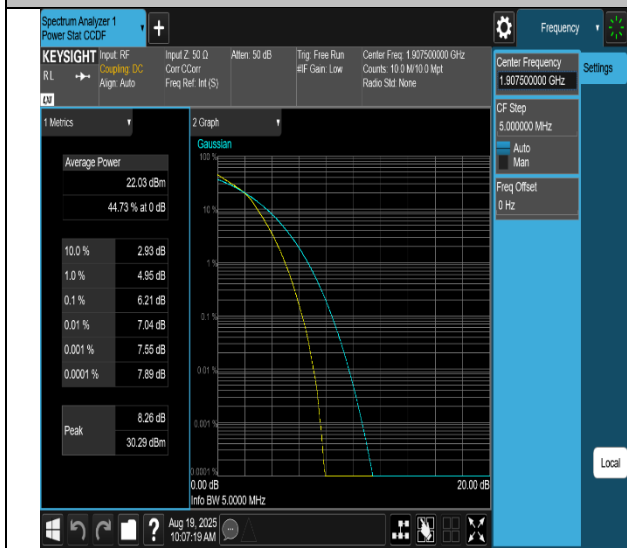




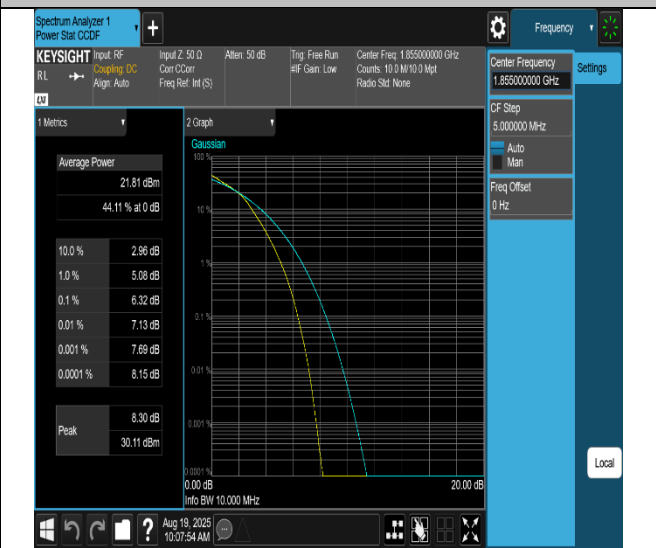
Band2-5MHz-16QAM-18625-25RB#0-PASS



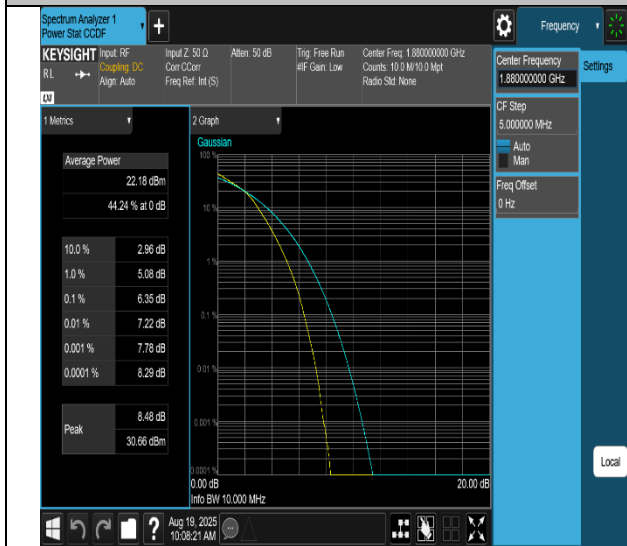
Band2-5MHz-16QAM-18900-25RB#0-PASS



Band2-5MHz-16QAM-19175-25RB#0-PASS



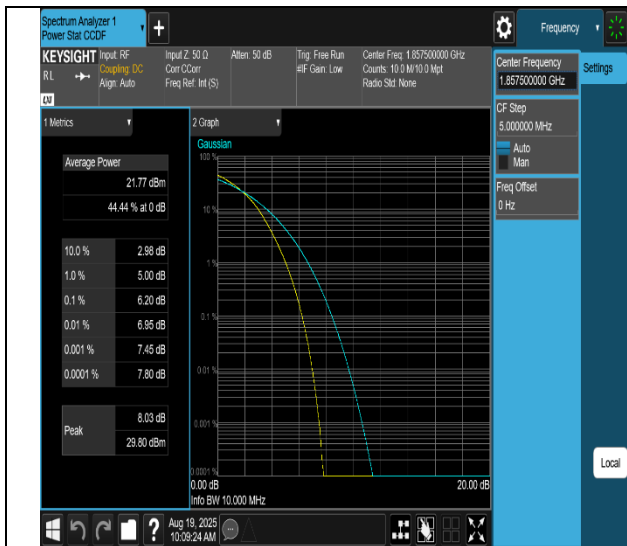
Band2-10MHz-16QAM-18650-50RB#0-PASS



Band2-10MHz-16QAM-18900-50RB#0-PASS



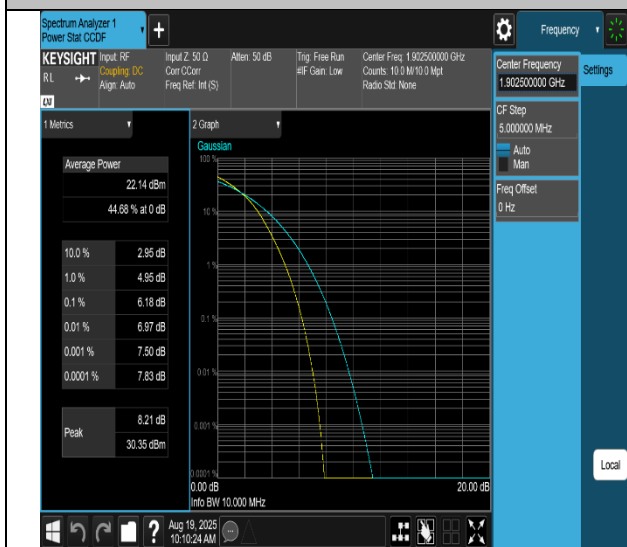
Band2-10MHz-16QAM-19150-50RB#0-PASS



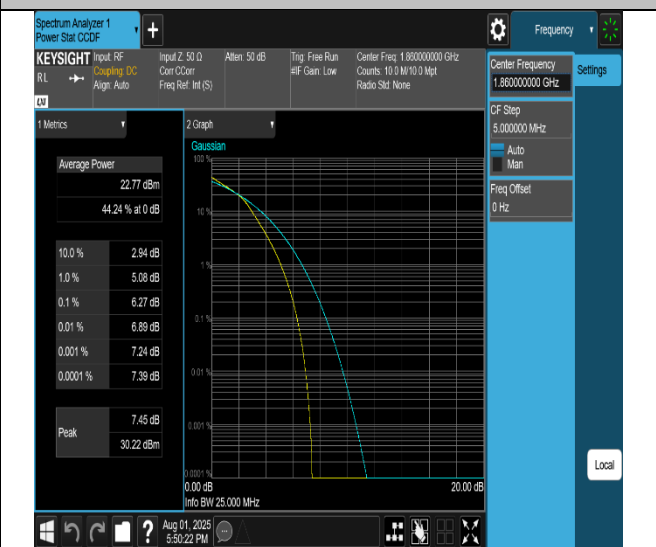
Band2-15MHz-16QAM-18675-54RB#0-PASS



Band2-15MHz-16QAM-18900-54RB#0-PASS



Band2-15MHz-16QAM-19125-54RB#0-PASS



Band2-20MHz-16QAM-18700-54RB#0-PASS



Band2-20MHz-16QAM-18900-54RB#0-PASS



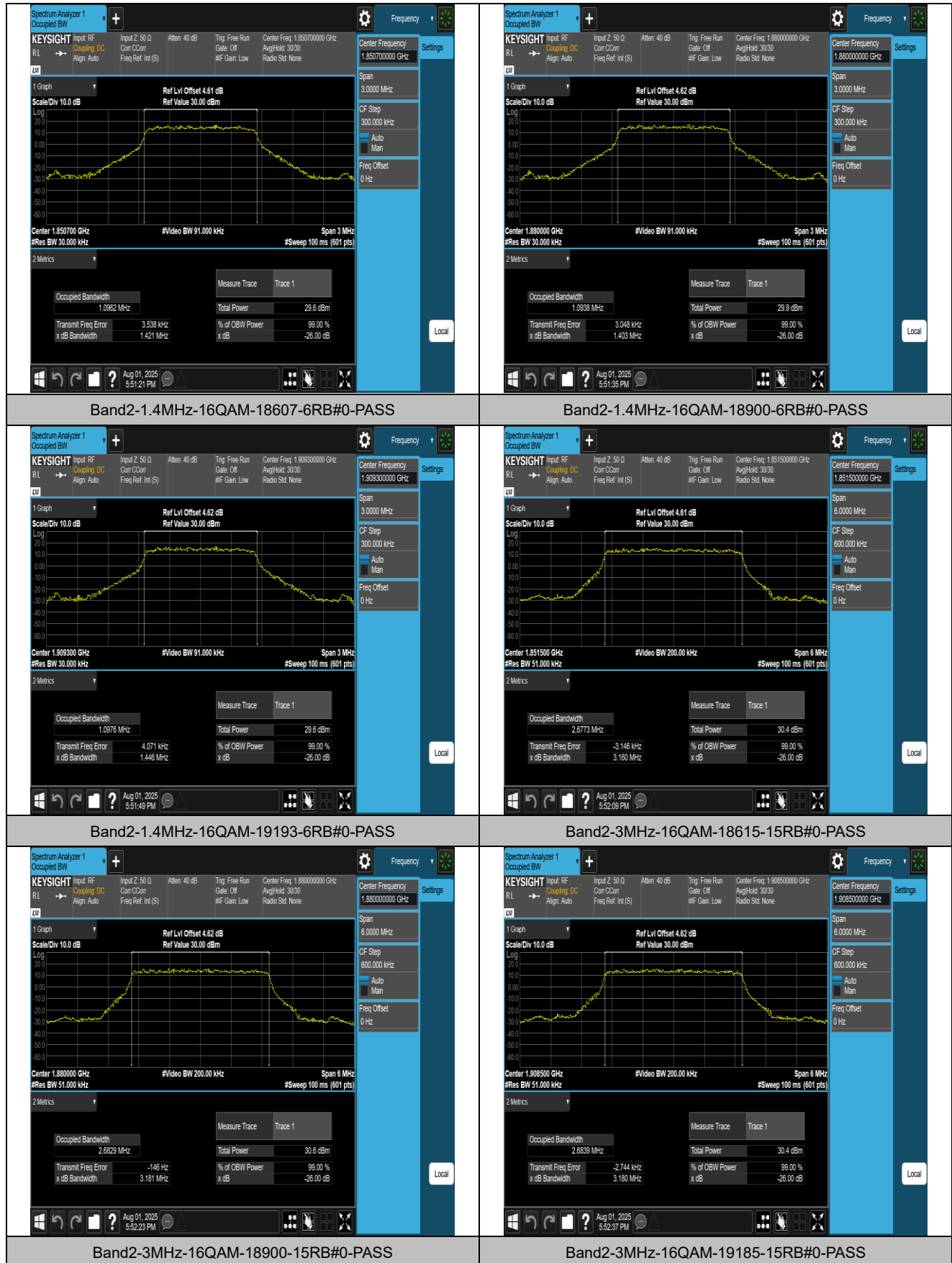
Band2-20MHz-16QAM-19100-54RB#0-PASS

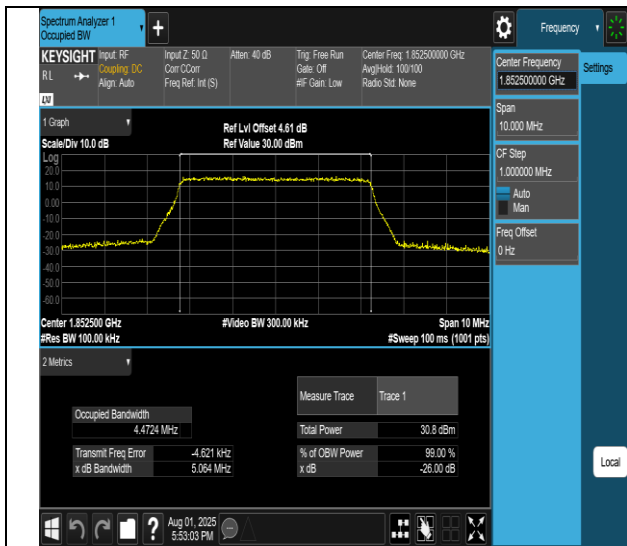
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band2	1.4MHz	16QAM	18607	6RB#0	1.0962	1.421	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0938	1.403	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0976	1.446	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6773	3.160	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6829	3.181	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6839	3.180	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4724	5.064	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4746	5.100	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4706	5.089	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9297	9.653	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9139	9.676	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9294	9.700	PASS
Band2	15MHz	16QAM	18675	54RB#0	10.043	15.01	PASS
Band2	15MHz	16QAM	18900	54RB#0	9.9958	14.84	PASS
Band2	15MHz	16QAM	19125	54RB#0	9.9683	14.76	PASS
Band2	20MHz	16QAM	18700	54RB#0	10.475	17.98	PASS
Band2	20MHz	16QAM	18900	54RB#0	10.382	16.92	PASS
Band2	20MHz	16QAM	19100	54RB#0	10.360	16.03	PASS

Test Graphs

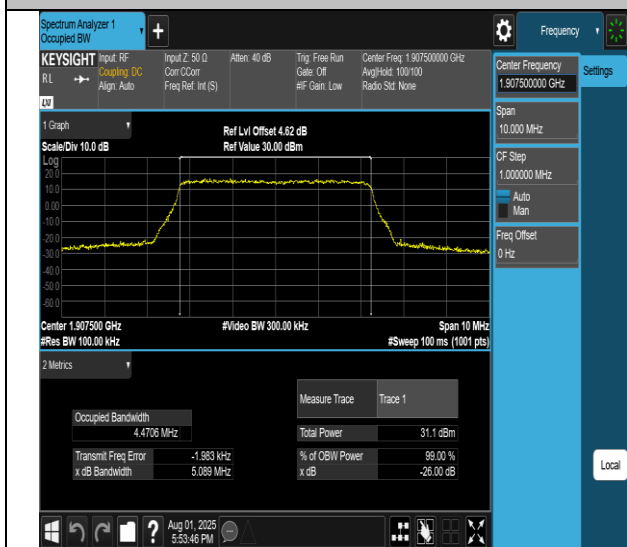




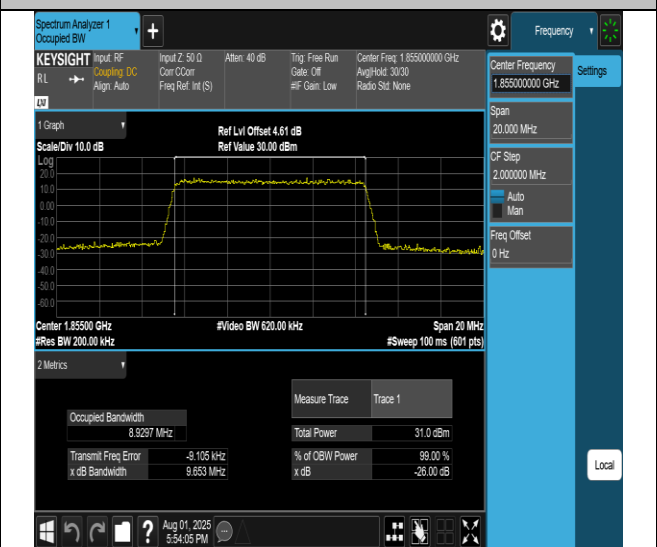
Band2-5MHz-16QAM-18625-25RB#0-PASS



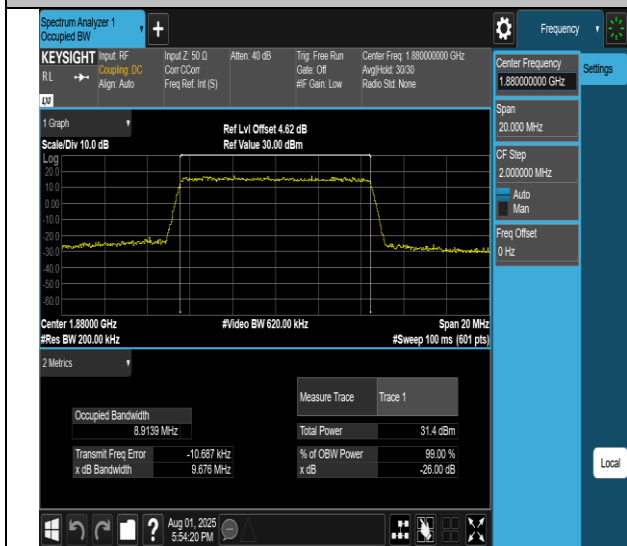
Band2-5MHz-16QAM-18900-25RB#0-PASS



Band2-5MHz-16QAM-19175-25RB#0-PASS



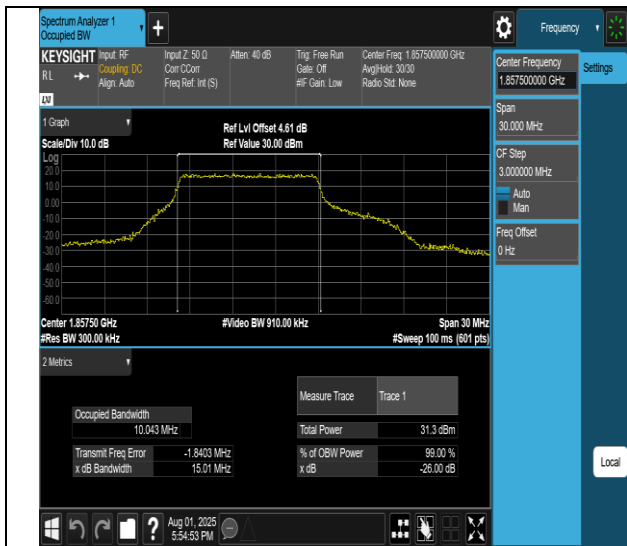
Band2-10MHz-16QAM-18650-50RB#0-PASS



Band2-10MHz-16QAM-18900-50RB#0-PASS



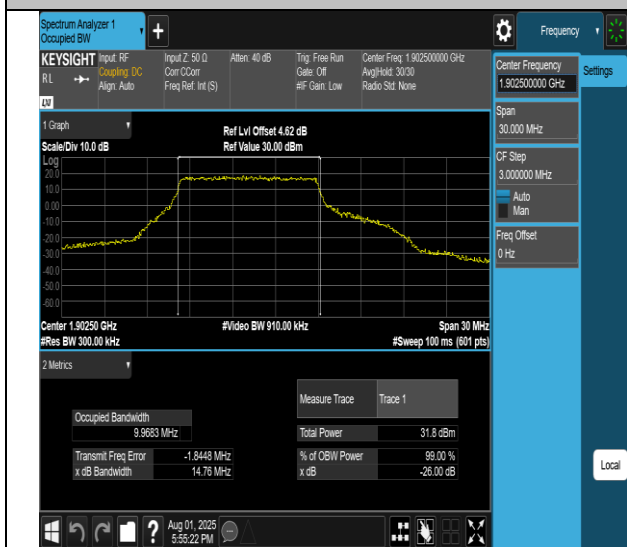
Band2-10MHz-16QAM-19150-50RB#0-PASS



Band2-15MHz-16QAM-18675-54RB#0-PASS



Band2-15MHz-16QAM-18900-54RB#0-PASS



Band2-15MHz-16QAM-19125-54RB#0-PASS



Band2-20MHz-16QAM-18700-54RB#0-PASS



Band2-20MHz-16QAM-18900-54RB#0-PASS



Band2-20MHz-16QAM-19100-54RB#0-PASS

~The End~