

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	22.87	24.46	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.11	24.7	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.47	24.06	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.98	23.57	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.36	24.95	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.61	25.2	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.94	24.53	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.35	23.94	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.04	24.63	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.39	24.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.05	23.64	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.78	23.37	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.07	24.66	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.23	24.82	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.81	23.4	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.87	23.46	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.47	25.06	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.97	25.56	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.09	23.68	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.26	23.85	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.34	24.93	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.38	24.97	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.91	23.5	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.91	23.5	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.98	24.57	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.71	24.3	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.53	24.12	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.81	23.4	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.12	24.71	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.31	24.9	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.86	24.45	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.27	23.86	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.34	24.93	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.46	25.05	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.08	24.67	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.13	23.72	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.58	25.17	33.00	PASS

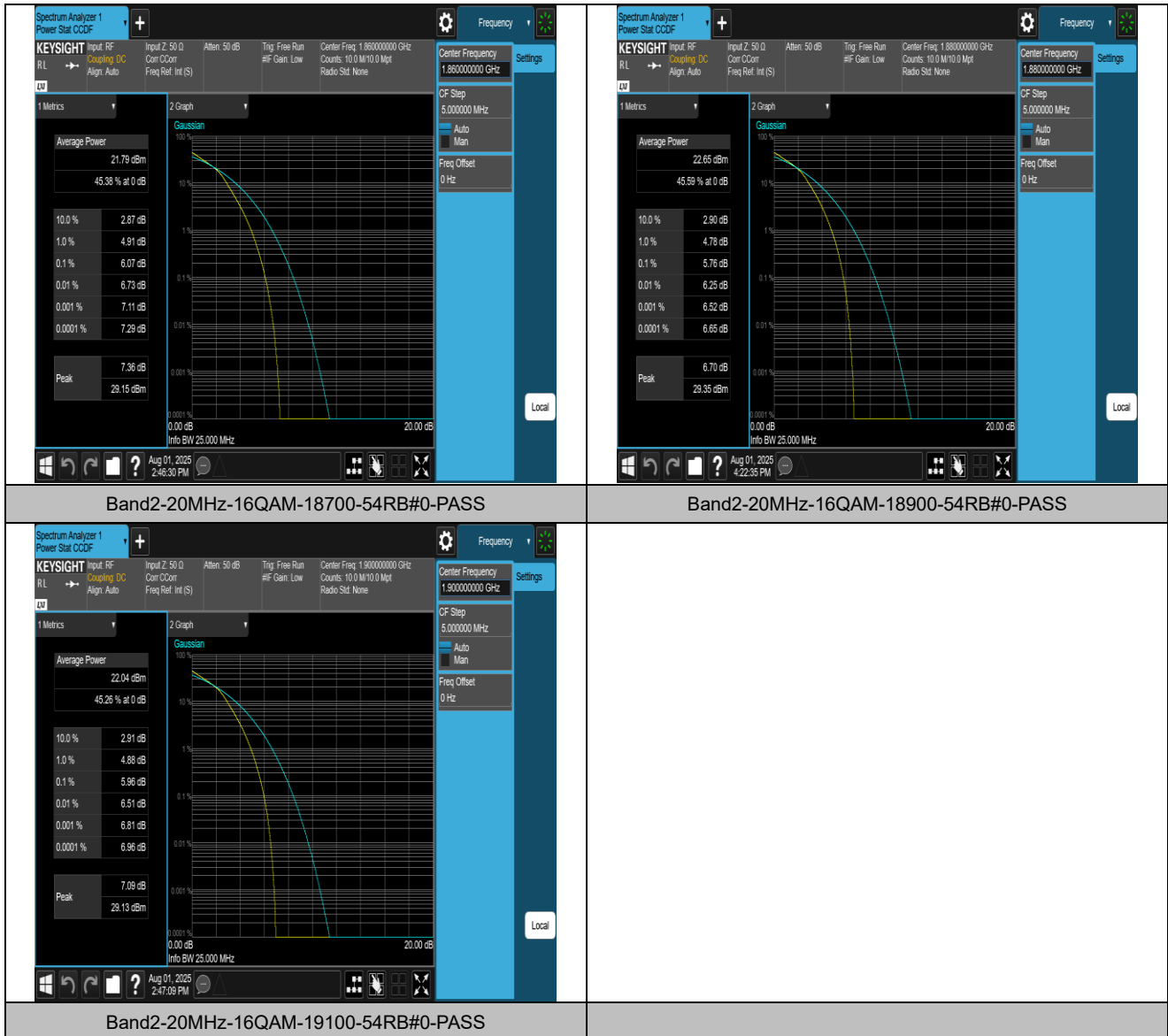
Band2	10MHz	16QAM	18650	1RB#24	23.37	24.96	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.69	24.28	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	22	23.59	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.48	25.07	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.77	25.36	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.9	24.49	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.27	23.86	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.37	24.96	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.67	25.26	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.88	24.47	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.19	23.78	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.27	24.86	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.77	24.36	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.82	24.41	33.00	PASS
Band2	15MHz	16QAM	18675	54RB#0	22.14	23.73	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.25	24.84	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.53	25.12	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.92	24.51	33.00	PASS
Band2	15MHz	16QAM	18900	54RB#0	22.47	24.06	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.35	24.94	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.58	25.17	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.77	24.36	33.00	PASS
Band2	15MHz	16QAM	19125	54RB#0	22.47	24.06	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.39	24.98	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.14	24.73	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.1	24.69	33.00	PASS
Band2	20MHz	16QAM	18700	54RB#0	22.08	23.67	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.49	25.08	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.78	25.37	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.33	23.92	33.00	PASS
Band2	20MHz	16QAM	18900	54RB#0	22.37	23.96	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.19	24.78	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.64	25.23	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23	24.59	33.00	PASS
Band2	20MHz	16QAM	19100	54RB#0	22.21	23.8	33.00	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band2	20MHz	16QAM	18700	54RB#0	6.07	13	PASS
Band2	20MHz	16QAM	18900	54RB#0	5.76	13	PASS
Band2	20MHz	16QAM	19100	54RB#0	5.96	13	PASS

Test Graphs

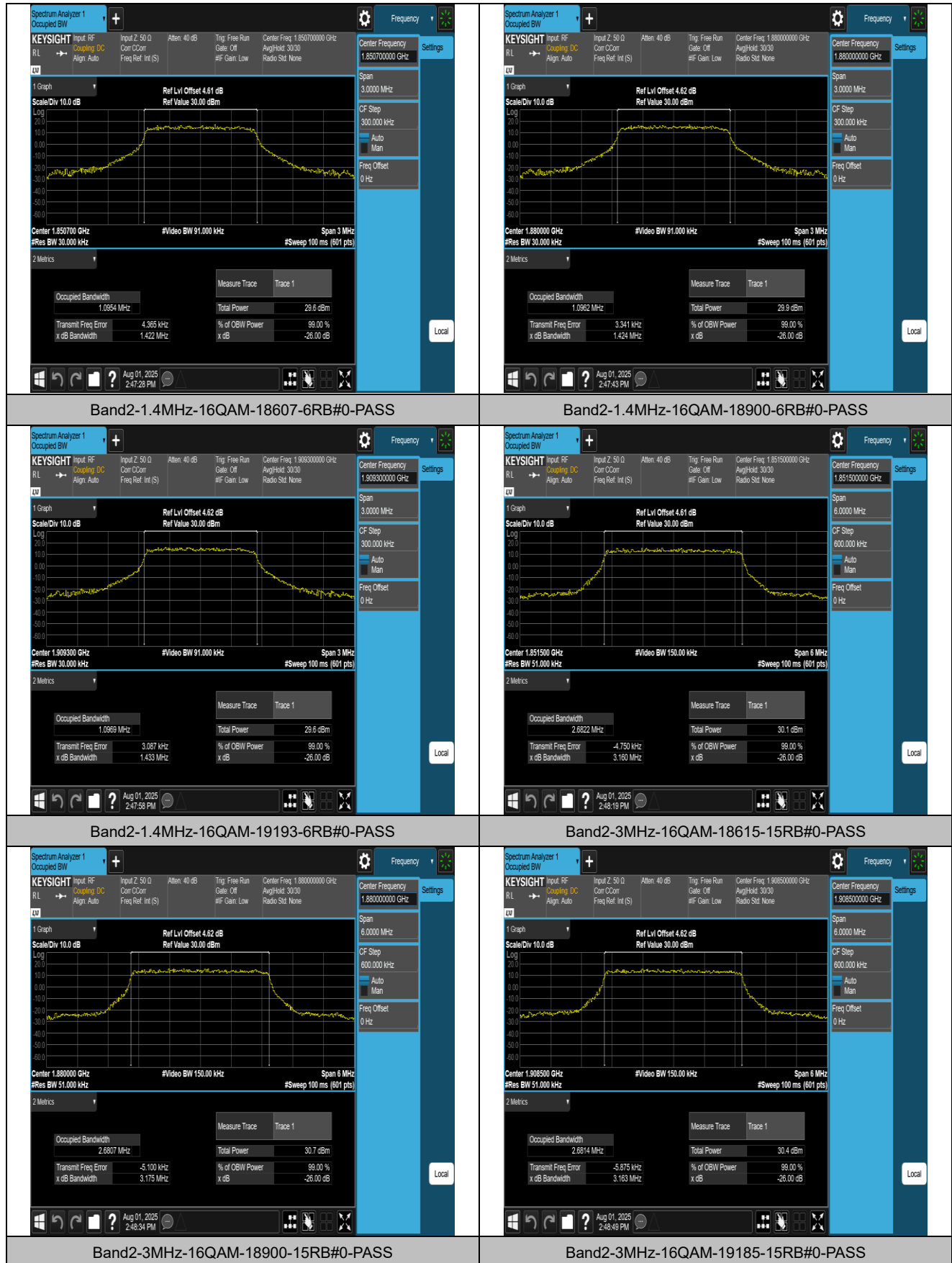


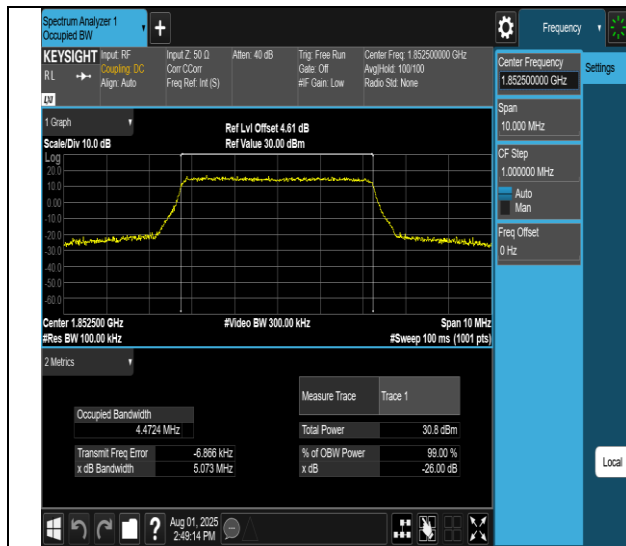
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band2	1.4MHz	16QAM	18607	6RB#0	1.0954	1.422	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0962	1.424	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0969	1.433	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6822	3.160	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6807	3.175	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6814	3.163	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4724	5.073	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4763	5.064	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4635	5.068	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9318	9.699	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9214	9.687	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9170	9.661	PASS
Band2	15MHz	16QAM	18675	54RB#0	10.013	14.84	PASS
Band2	15MHz	16QAM	18900	54RB#0	9.9632	14.56	PASS
Band2	15MHz	16QAM	19125	54RB#0	10.017	15.51	PASS
Band2	20MHz	16QAM	18700	54RB#0	10.483	20.14	PASS
Band2	20MHz	16QAM	18900	54RB#0	10.415	15.84	PASS
Band2	20MHz	16QAM	19100	54RB#0	10.594	16.82	PASS

Test Graphs

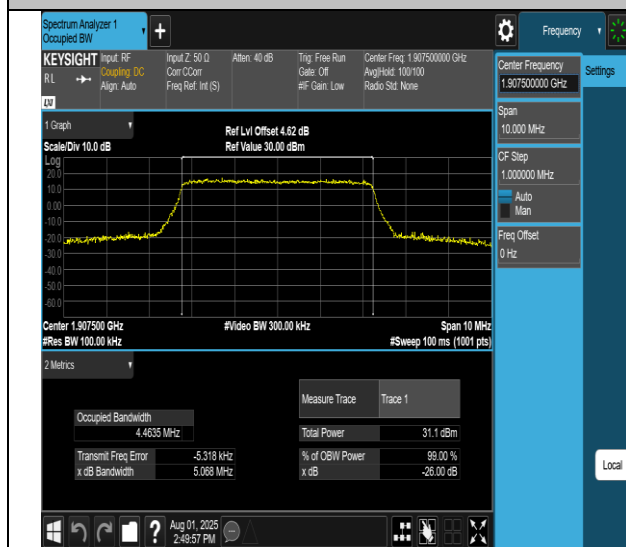




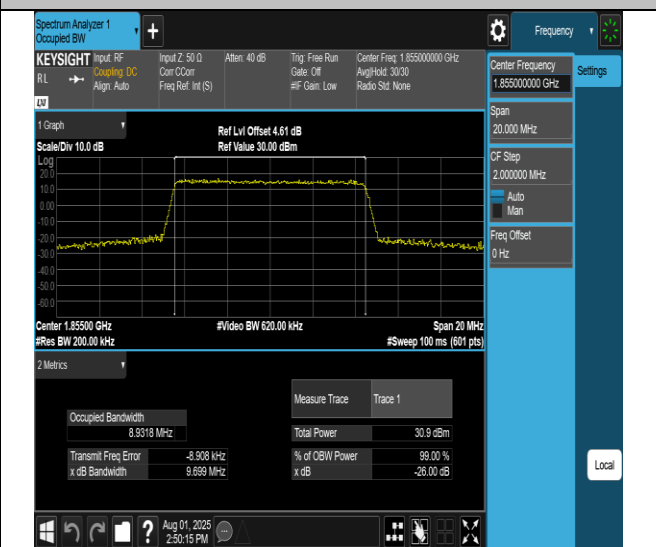
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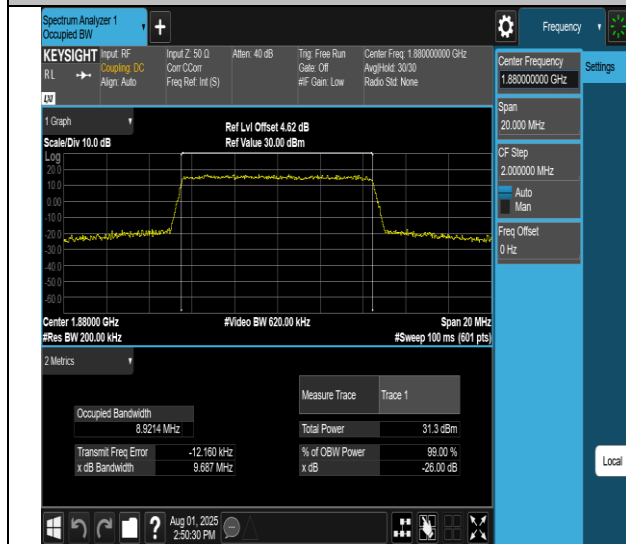
Band2-5MHz-16QAM-18900-25RB#0-PASS



Band2-5MHz-16QAM-19075-25RB#0-PASS



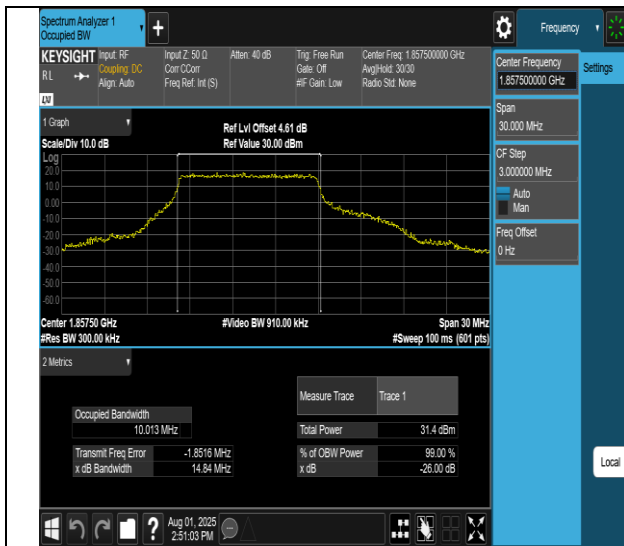
Band2-10MHz-16QAM-18650-50RB#0-PASS



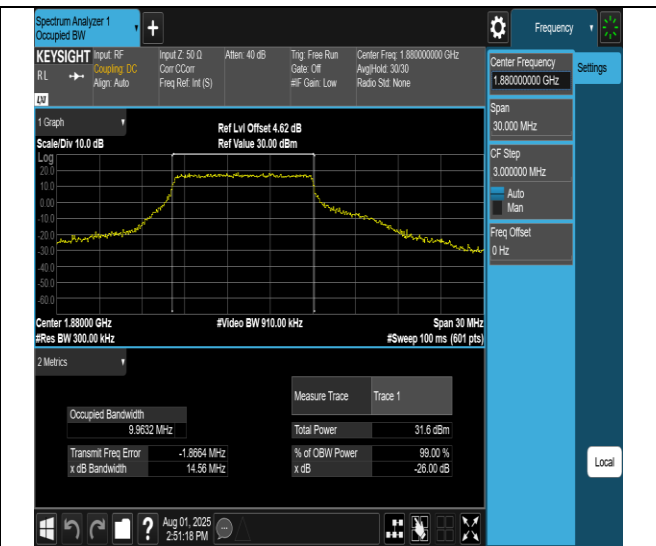
Band2-10MHz-16QAM-18800-50RB#0-PASS



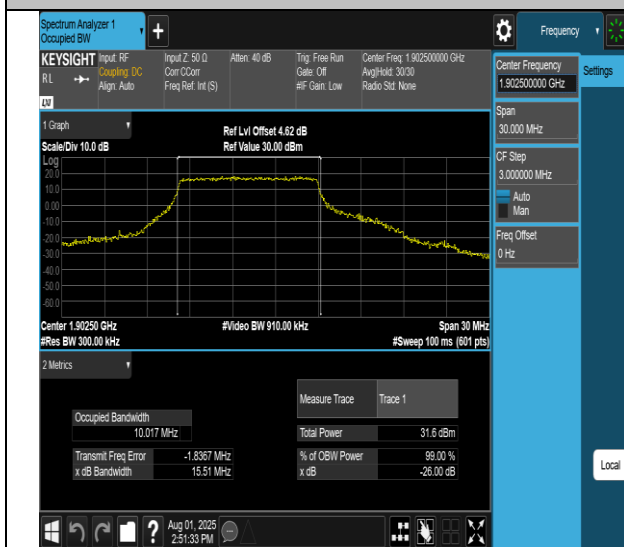
Band2-10MHz-16QAM-19150-50RB#0-PASS



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



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



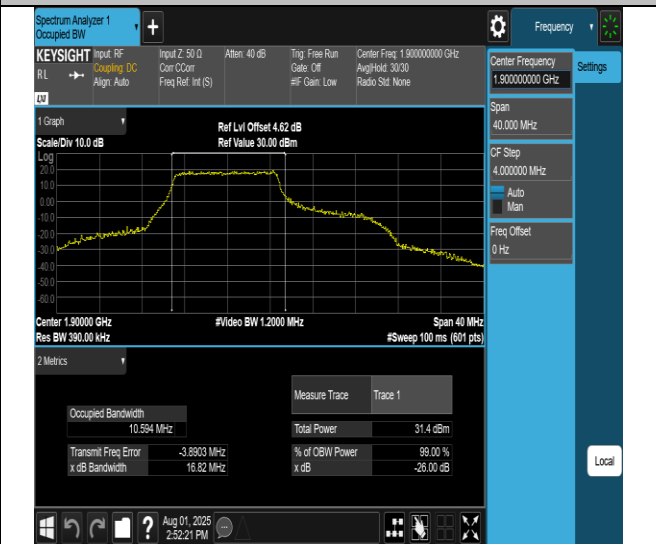
Band2-15MHz-16QAM-19125-54RB#0-PASS



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



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



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

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