

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	23.83	25.42	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.8	25.39	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.09	24.68	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	22.45	24.04	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.97	25.56	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	24.27	25.86	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.17	24.76	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.46	24.05	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.61	25.2	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.38	24.97	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.5	24.09	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.31	23.9	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.9	25.49	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.89	25.48	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.44	24.03	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	22.44	24.03	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	24.17	25.76	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	24.13	25.72	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.69	24.28	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.51	24.1	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.63	25.22	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.75	25.34	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.17	23.76	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.45	24.04	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	24.14	25.73	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.3	24.89	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.97	24.56	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	22.38	23.97	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.68	25.27	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.55	25.14	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.16	24.75	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.51	24.1	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.99	25.58	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.26	24.85	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.56	25.15	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.44	24.03	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.91	25.5	33.00	PASS

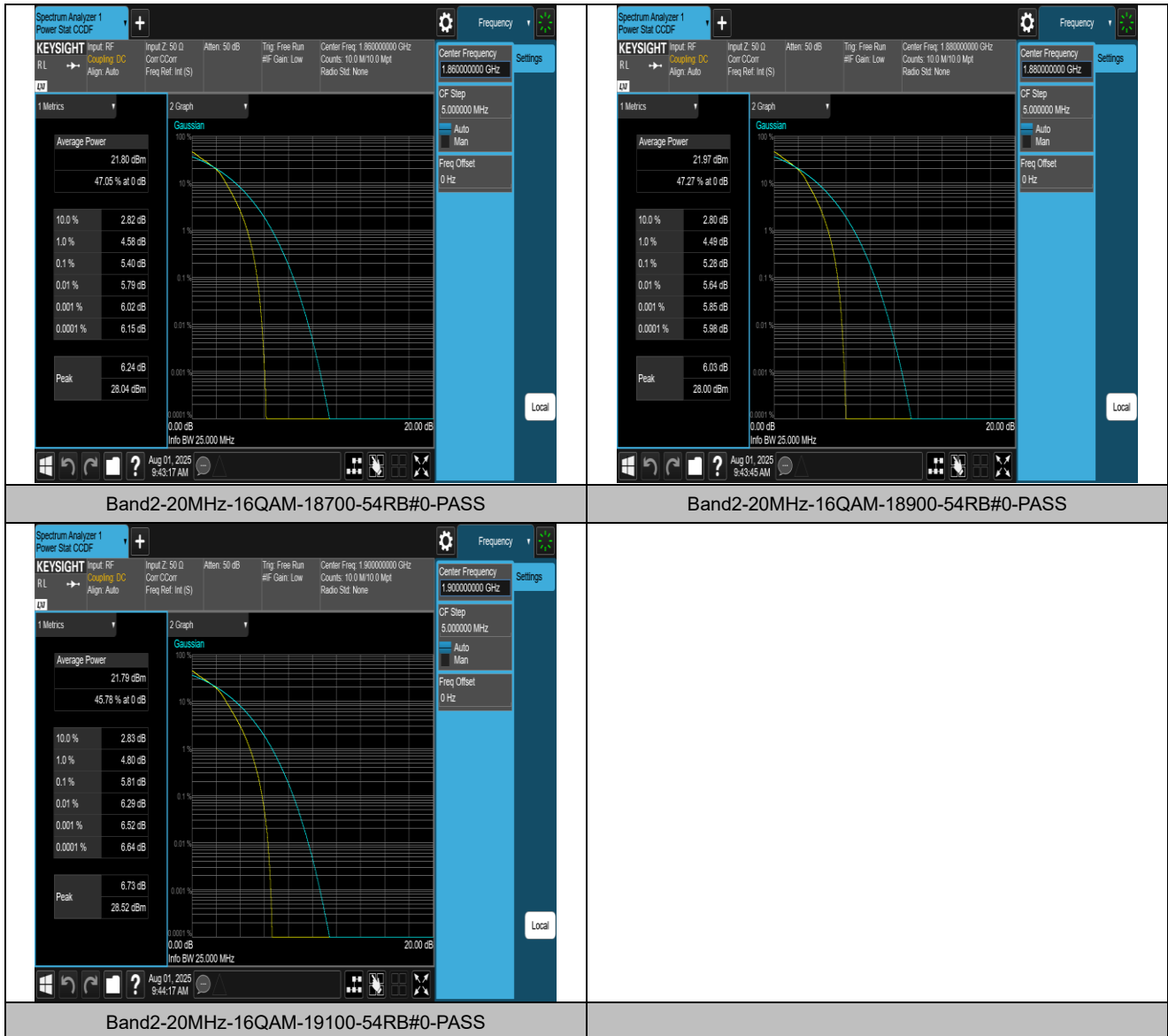
Band2	10MHz	16QAM	18650	1RB#24	23.46	25.05	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.28	24.87	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	22.41	24	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.76	25.35	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.87	25.46	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.53	25.12	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	22.55	24.14	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.92	25.51	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.6	25.19	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.71	25.3	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.4	23.99	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.91	25.5	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.45	25.04	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.97	24.56	33.00	PASS
Band2	15MHz	16QAM	18675	54RB#0	22.5	24.09	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.91	25.5	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.79	25.38	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.83	25.42	33.00	PASS
Band2	15MHz	16QAM	18900	54RB#0	22.63	24.22	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	24.06	25.65	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.35	24.94	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.68	25.27	33.00	PASS
Band2	15MHz	16QAM	19125	54RB#0	22.49	24.08	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.75	25.34	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.45	25.04	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	23.17	24.76	33.00	PASS
Band2	20MHz	16QAM	18700	54RB#0	22.45	24.04	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.81	25.4	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.9	25.49	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	23.42	25.01	33.00	PASS
Band2	20MHz	16QAM	18900	54RB#0	22.54	24.13	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.94	25.53	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.41	25	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.1	24.69	33.00	PASS
Band2	20MHz	16QAM	19100	54RB#0	22.52	24.11	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	5.40	13	PASS
Band2	20MHz	16QAM	18900	54RB#0	5.28	13	PASS
Band2	20MHz	16QAM	19100	54RB#0	5.81	13	PASS

Test Graphs

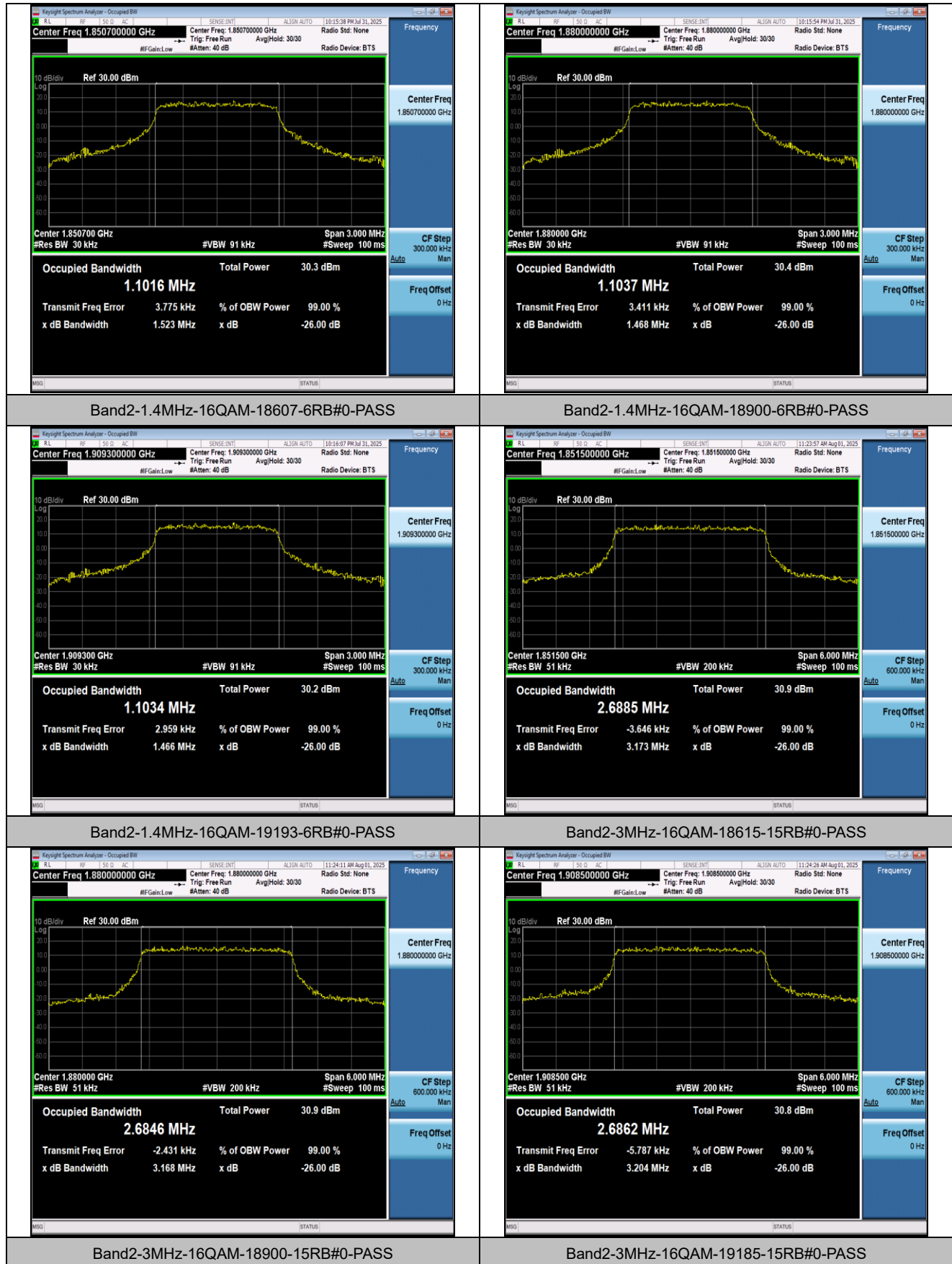


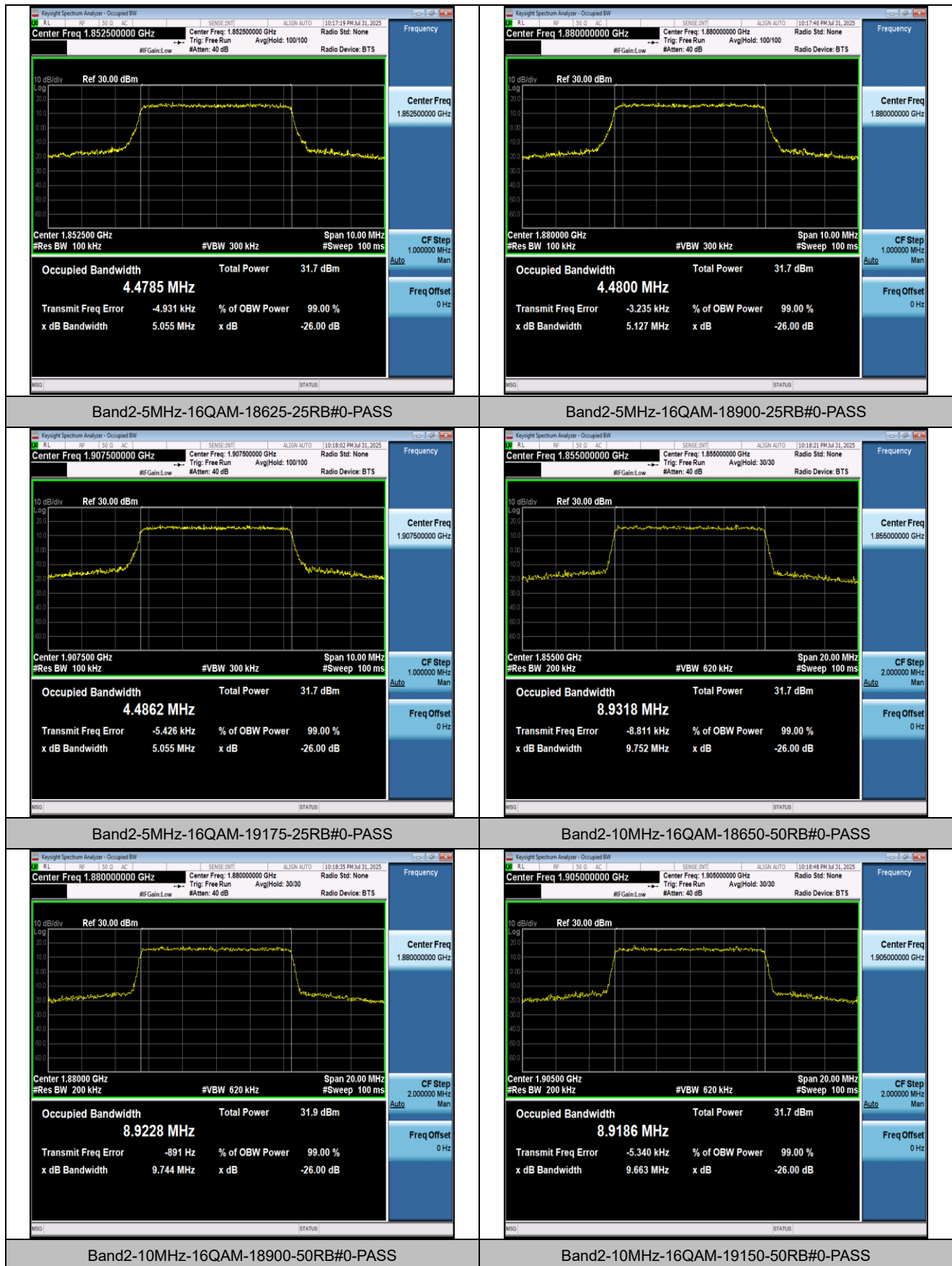
26dB Bandwidth and Occupied Bandwidth

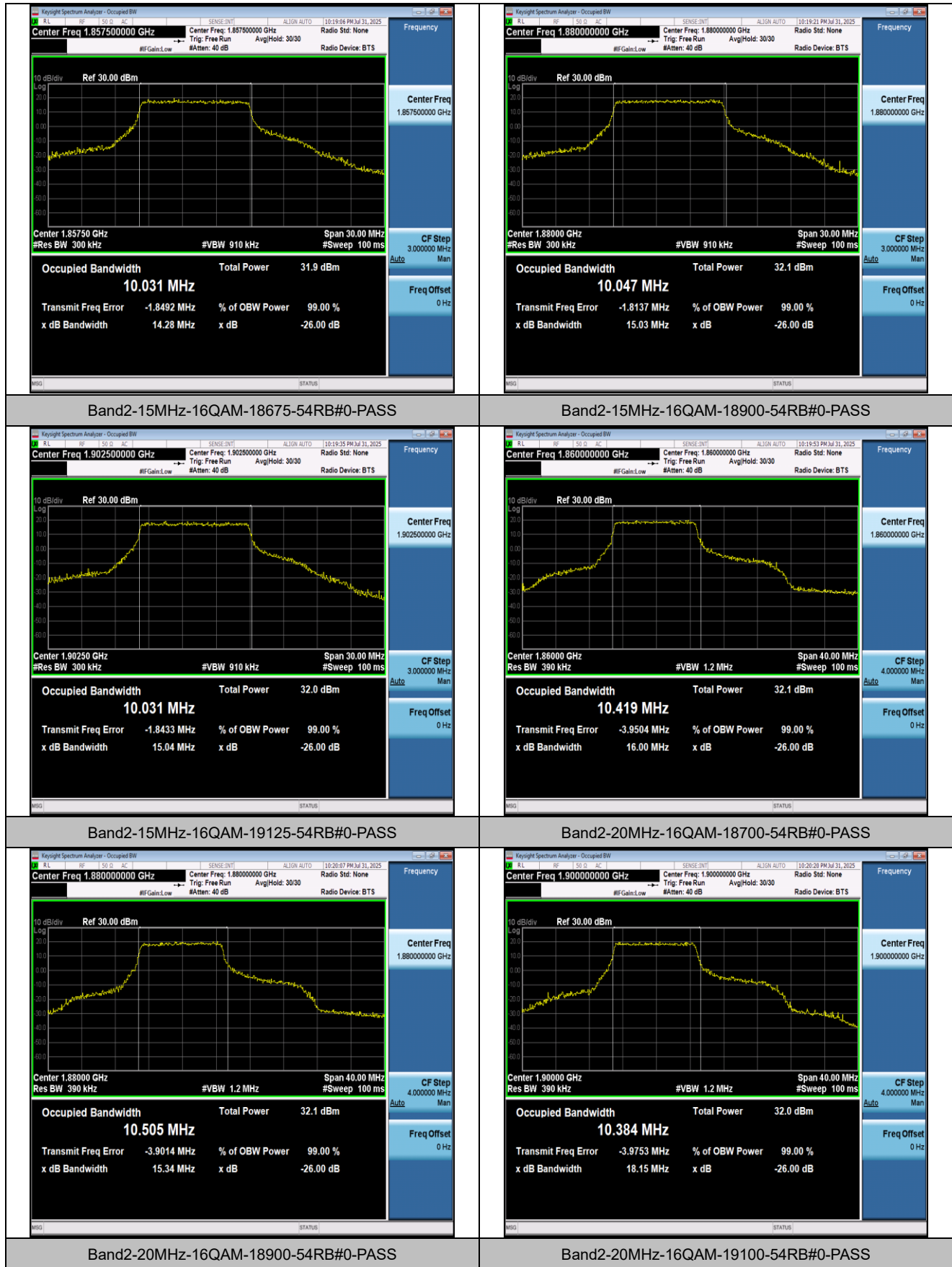
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band2	1.4MHz	16QAM	18607	6RB#0	1.1016	1.523	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1037	1.468	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1034	1.466	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6885	3.173	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6846	3.168	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6862	3.204	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4785	5.055	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4800	5.127	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4862	5.055	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9318	9.752	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9228	9.744	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9186	9.663	PASS
Band2	15MHz	16QAM	18675	54RB#0	10.031	14.28	PASS
Band2	15MHz	16QAM	18900	54RB#0	10.047	15.03	PASS
Band2	15MHz	16QAM	19125	54RB#0	10.031	15.04	PASS
Band2	20MHz	16QAM	18700	54RB#0	10.419	16.00	PASS
Band2	20MHz	16QAM	18900	54RB#0	10.505	15.34	PASS
Band2	20MHz	16QAM	19100	54RB#0	10.384	18.15	PASS

Test Graphs







~The End~