

Appendix-A LTE Band 4

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	16QAM	19957	1RB#0	23.47	25.47	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.36	25.36	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.62	24.62	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.69	23.69	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.76	25.76	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.65	25.65	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.71	24.71	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.15	24.15	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	23.01	25.01	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.6	25.6	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.63	25.63	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.18	24.18	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.36	25.36	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.59	25.59	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.3	24.3	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.91	23.91	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.78	25.78	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.71	25.71	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.13	24.13	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.33	24.33	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.88	24.88	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.83	25.83	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.56	25.56	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.38	24.38	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.78	25.78	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.4	25.4	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.38	24.38	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.12	24.12	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.25	25.25	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.13	25.13	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.33	24.33	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.34	24.34	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.87	24.87	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.32	25.32	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.6	25.6	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.42	24.42	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.51	25.51	30.00	PASS

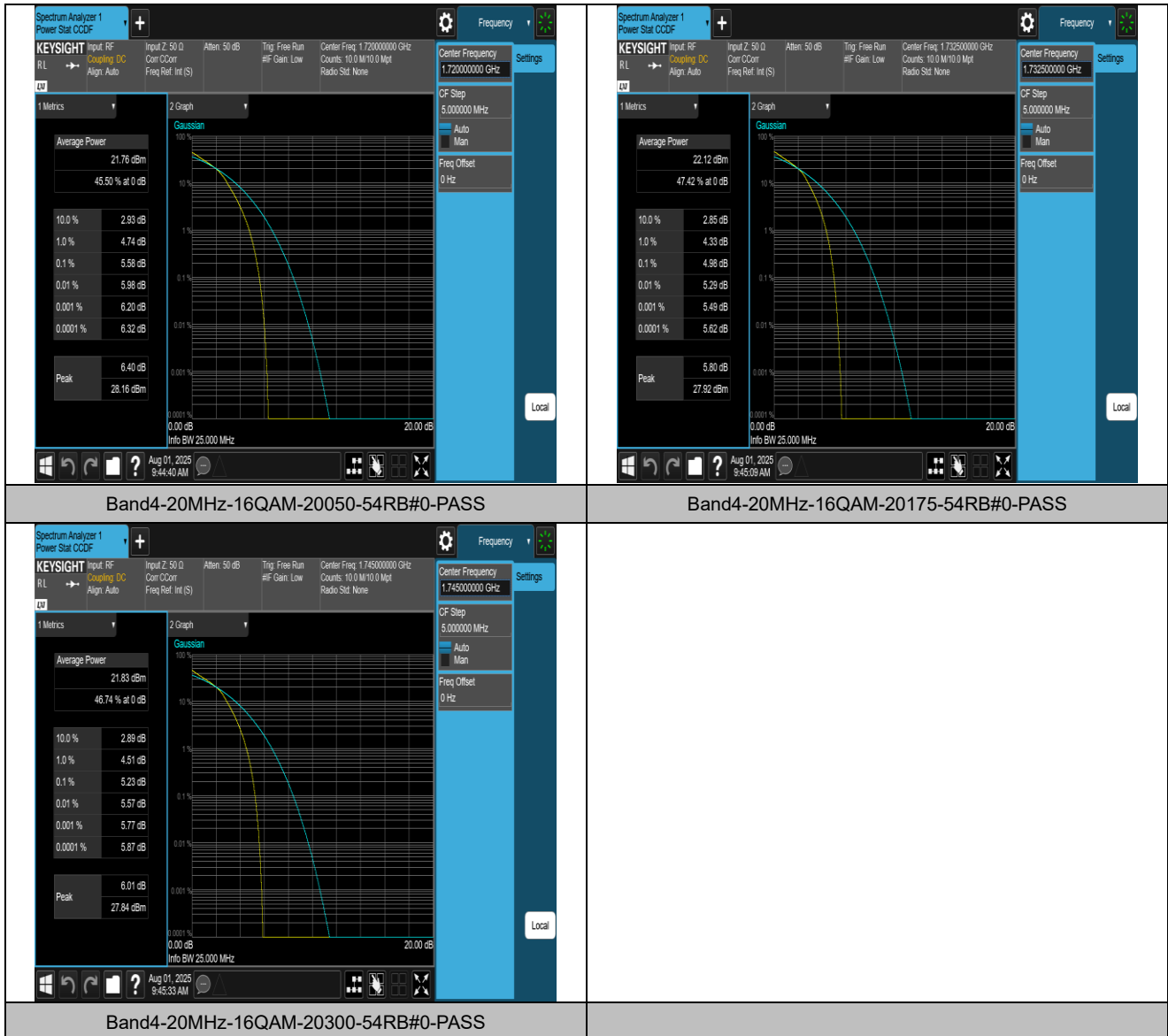
Band4	10MHz	16QAM	20000	1RB#24	23.52	25.52	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.63	24.63	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.33	24.33	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.72	25.72	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.65	25.65	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.2	24.2	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.44	24.44	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.94	24.94	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.6	25.6	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.95	25.95	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.44	24.44	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.83	25.83	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.43	25.43	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.04	25.04	30.00	PASS
Band4	15MHz	16QAM	20025	54RB#0	22.24	24.24	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.43	25.43	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.26	25.26	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.64	24.64	30.00	PASS
Band4	15MHz	16QAM	20175	54RB#0	22.47	24.47	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.05	25.05	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.52	25.52	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.77	25.77	30.00	PASS
Band4	15MHz	16QAM	20325	54RB#0	22.56	24.56	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.79	25.79	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.96	25.96	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.08	25.08	30.00	PASS
Band4	20MHz	16QAM	20050	54RB#0	22.49	24.49	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.81	25.81	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.59	25.59	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.37	24.37	30.00	PASS
Band4	20MHz	16QAM	20175	54RB#0	22.75	24.75	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.37	25.37	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.61	25.61	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	24.02	26.02	30.00	PASS
Band4	20MHz	16QAM	20300	54RB#0	22.63	24.63	30.00	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band4	20MHz	16QAM	20050	54RB#0	5.58	13	PASS
Band4	20MHz	16QAM	20175	54RB#0	4.98	13	PASS
Band4	20MHz	16QAM	20300	54RB#0	5.23	13	PASS

Test Graphs

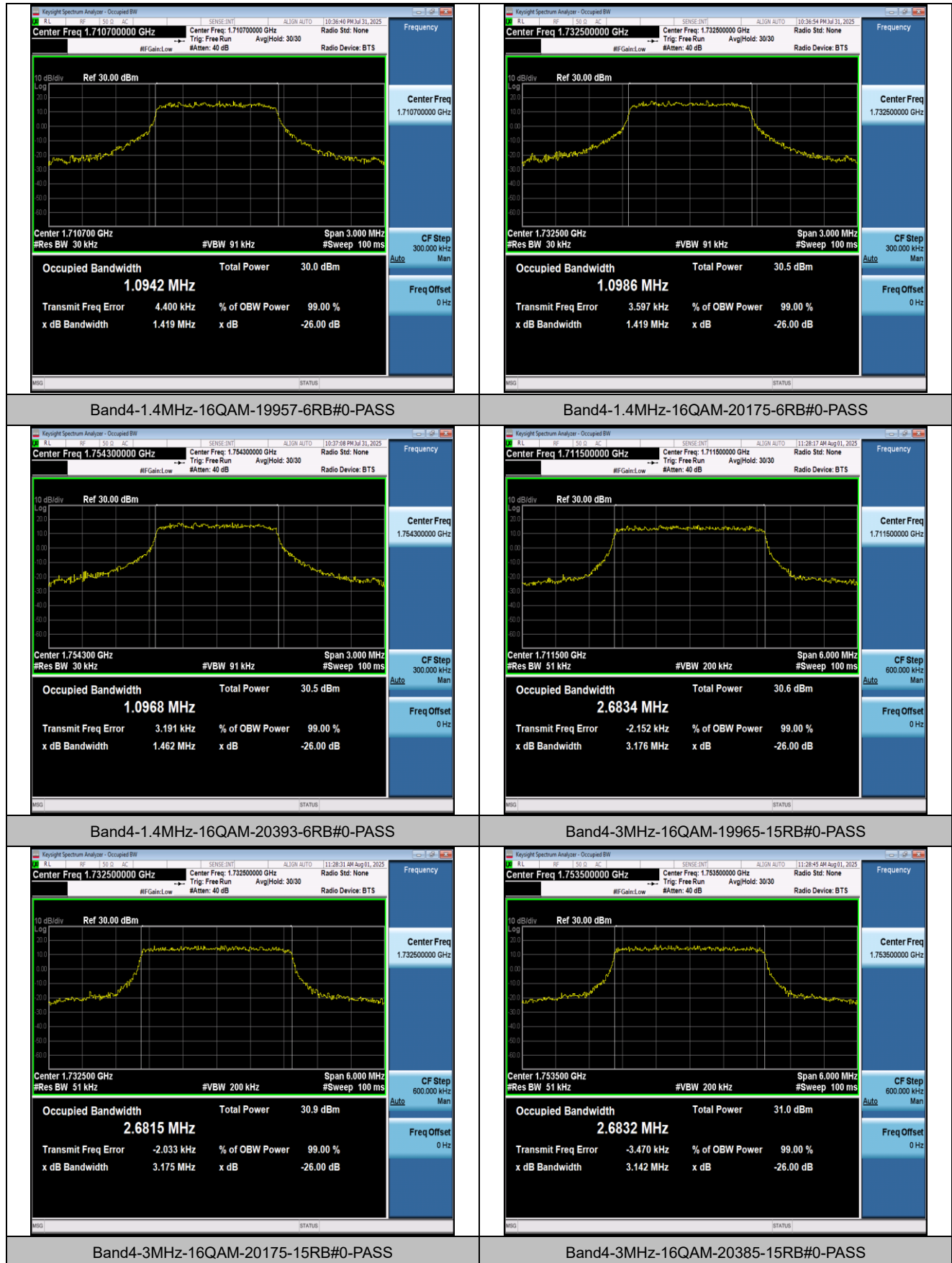


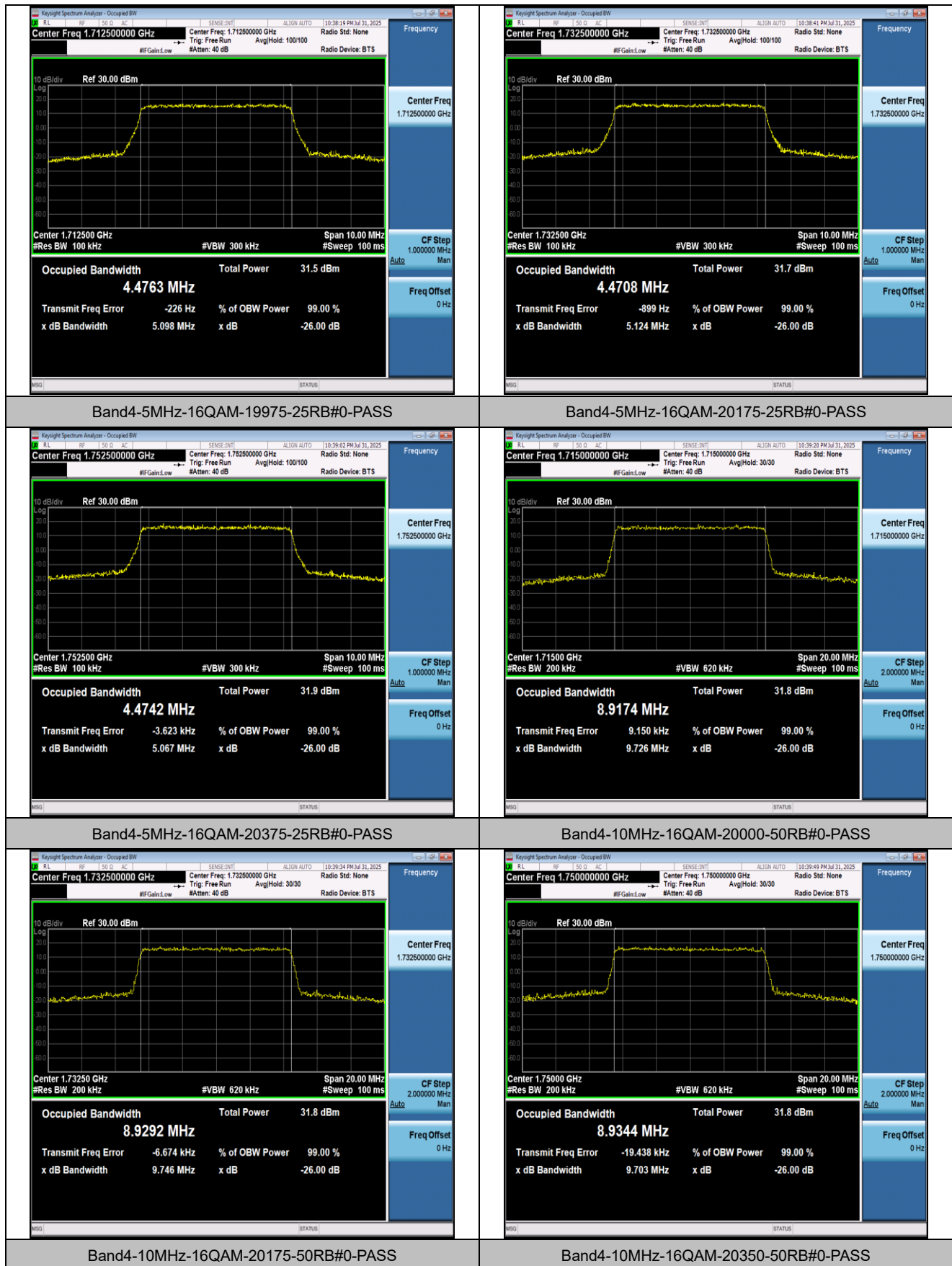
26dB Bandwidth and Occupied Bandwidth

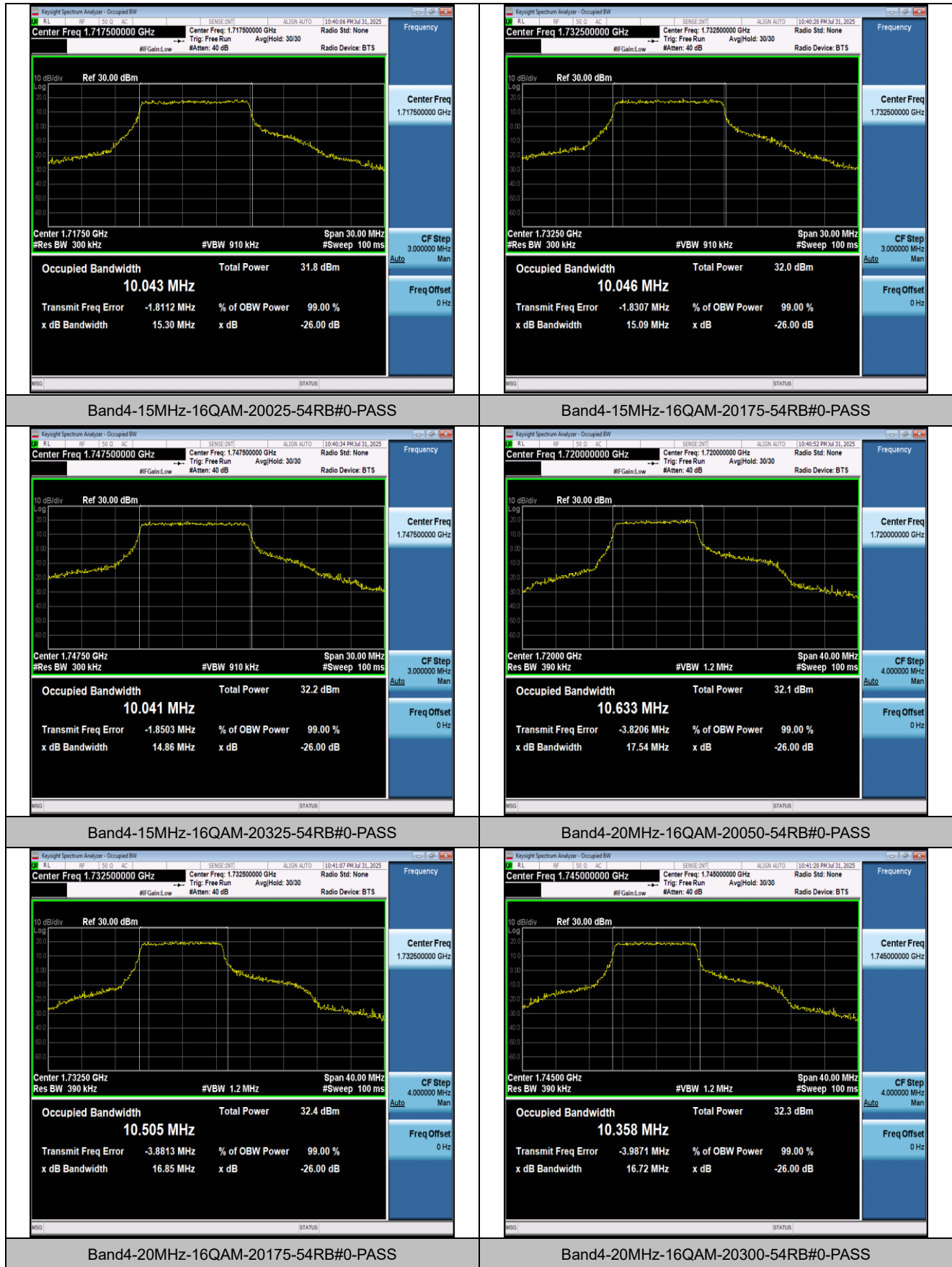
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band4	1.4MHz	16QAM	19957	6RB#0	1.0942	1.419	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0986	1.419	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0968	1.462	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6834	3.176	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6815	3.175	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6832	3.142	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4763	5.098	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4708	5.124	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4742	5.067	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9174	9.726	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9292	9.746	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9344	9.703	PASS
Band4	15MHz	16QAM	20025	54RB#0	10.043	15.30	PASS
Band4	15MHz	16QAM	20175	54RB#0	10.046	15.09	PASS
Band4	15MHz	16QAM	20325	54RB#0	10.041	14.86	PASS
Band4	20MHz	16QAM	20050	54RB#0	10.633	17.54	PASS
Band4	20MHz	16QAM	20175	54RB#0	10.505	16.85	PASS
Band4	20MHz	16QAM	20300	54RB#0	10.358	16.72	PASS

Test Graphs







~The End~