

Appendix-A LTE Band 5

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	16QAM	20407	1RB#0	23.49	23.87	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.48	23.86	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.89	23.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.87	22.25	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	24.08	24.46	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	24.22	24.6	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.12	23.5	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.79	23.17	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.88	23.26	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.83	23.21	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.27	23.65	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.72	22.1	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.9	24.28	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.02	24.4	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.9	23.28	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.45	22.83	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	24.04	24.42	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	24.17	24.55	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.71	23.09	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.94	23.32	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.96	23.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.61	23.99	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.63	24.01	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.27	22.65	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.75	24.13	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.89	24.27	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.33	23.71	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.83	23.21	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	24.03	24.41	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.94	24.32	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.98	23.36	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.94	23.32	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.79	23.17	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.54	23.92	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.64	24.02	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.54	22.92	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	24.18	24.56	38.45	PASS

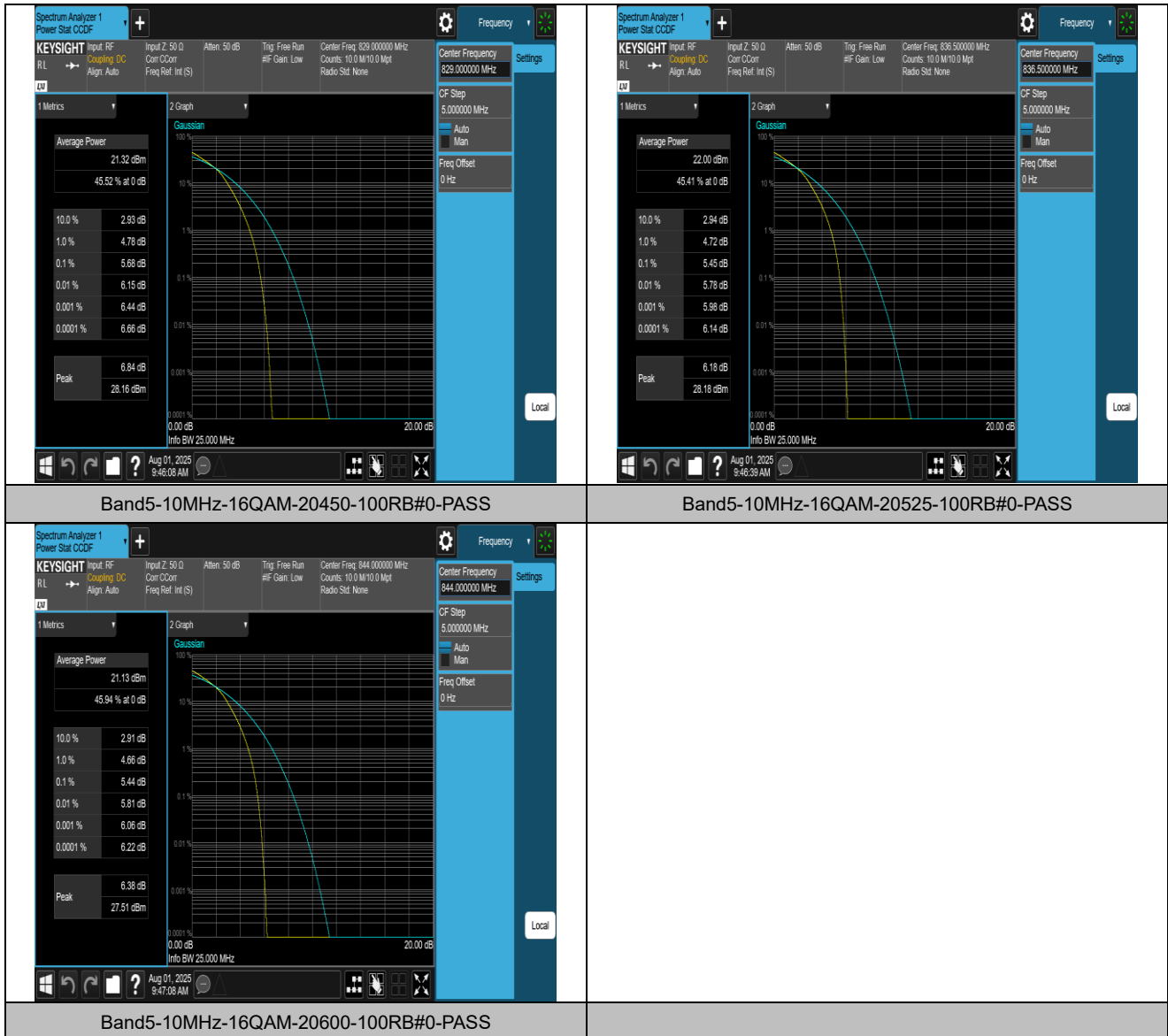
Band5	10MHz	16QAM	20450	1RB#24	24.14	24.52	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.58	22.96	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.97	23.35	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	24.11	24.49	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.98	24.36	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.38	23.76	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	23.19	23.57	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.36	22.74	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.9	24.28	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.75	24.13	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.88	23.26	38.45	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	10MHz	16QAM	20450	100RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20525	100RB#0	5.45	13	PASS
Band5	10MHz	16QAM	20600	100RB#0	5.44	13	PASS

Test Graphs

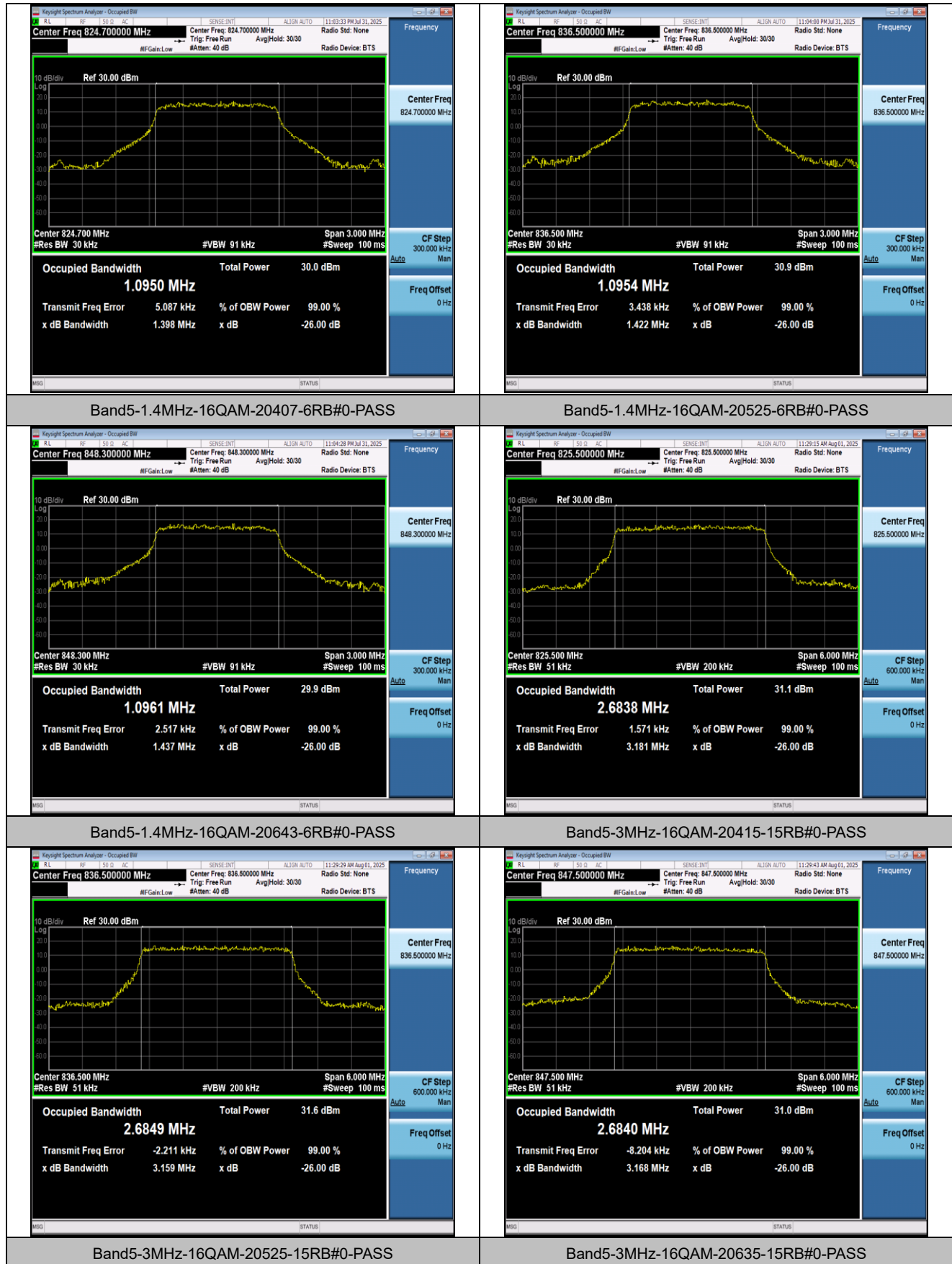


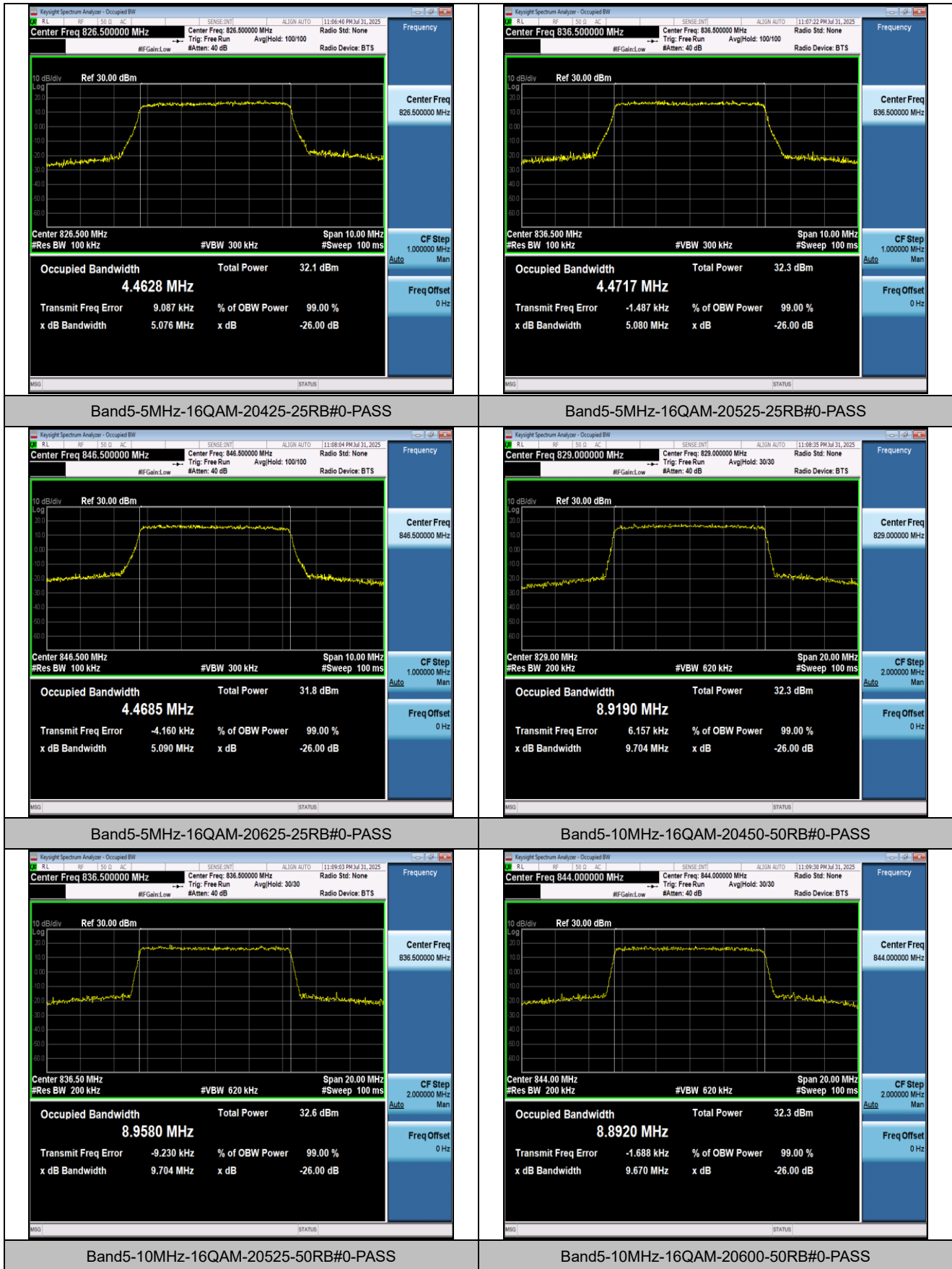
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	16QAM	20407	6RB#0	1.0950	1.398	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0954	1.422	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0961	1.437	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6838	3.181	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6849	3.159	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6840	3.168	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4628	5.076	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4717	5.080	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4685	5.090	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9190	9.704	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9580	9.704	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.8920	9.670	PASS

Test Graphs





~The End~