

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	23.58	23.96	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.99	24.37	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.08	23.46	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.5	22.88	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.61	23.99	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.95	24.33	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.99	23.37	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.35	22.73	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.37	23.75	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.5	23.88	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.73	23.11	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.09	22.47	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.51	23.89	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	24.11	24.49	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.25	23.63	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.63	23.01	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.56	23.94	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.82	24.2	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.86	23.24	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.44	22.82	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.43	23.81	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.85	24.23	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.95	23.33	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.37	22.75	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.6	23.98	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.56	23.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.54	23.92	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.69	23.07	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.28	23.66	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.45	23.83	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.21	23.59	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.47	22.85	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.48	23.86	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.78	24.16	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.16	23.54	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.44	22.82	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.69	24.07	38.45	PASS

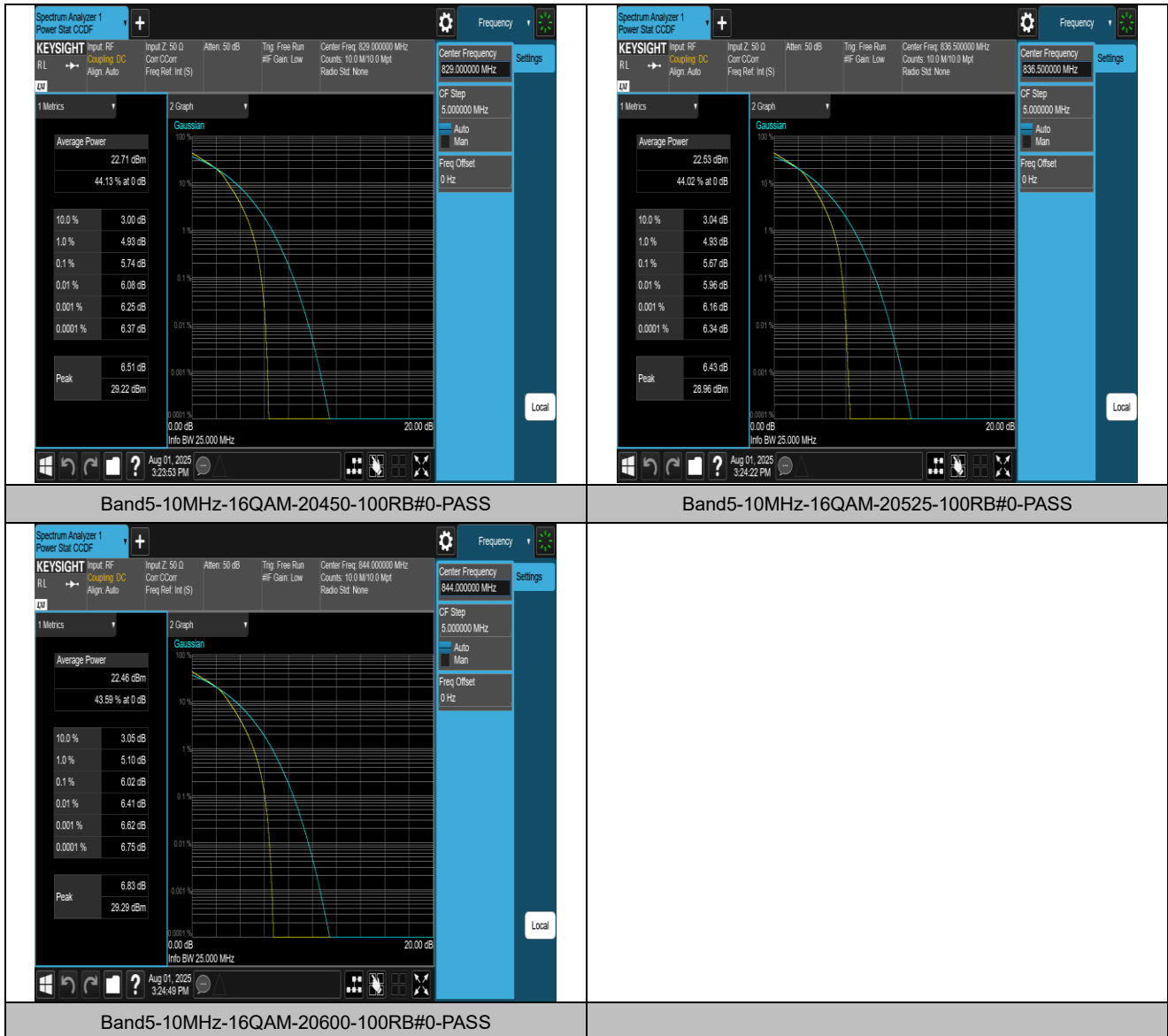
Band5	10MHz	16QAM	20450	1RB#24	24.04	24.42	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.27	22.65	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.87	23.25	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.57	23.95	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.99	24.37	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.46	23.84	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.64	23.02	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.64	24.02	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.88	24.26	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.13	23.51	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.6	22.98	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	5.74	13	PASS
Band5	10MHz	16QAM	20525	100RB#0	5.67	13	PASS
Band5	10MHz	16QAM	20600	100RB#0	6.02	13	PASS

Test Graphs

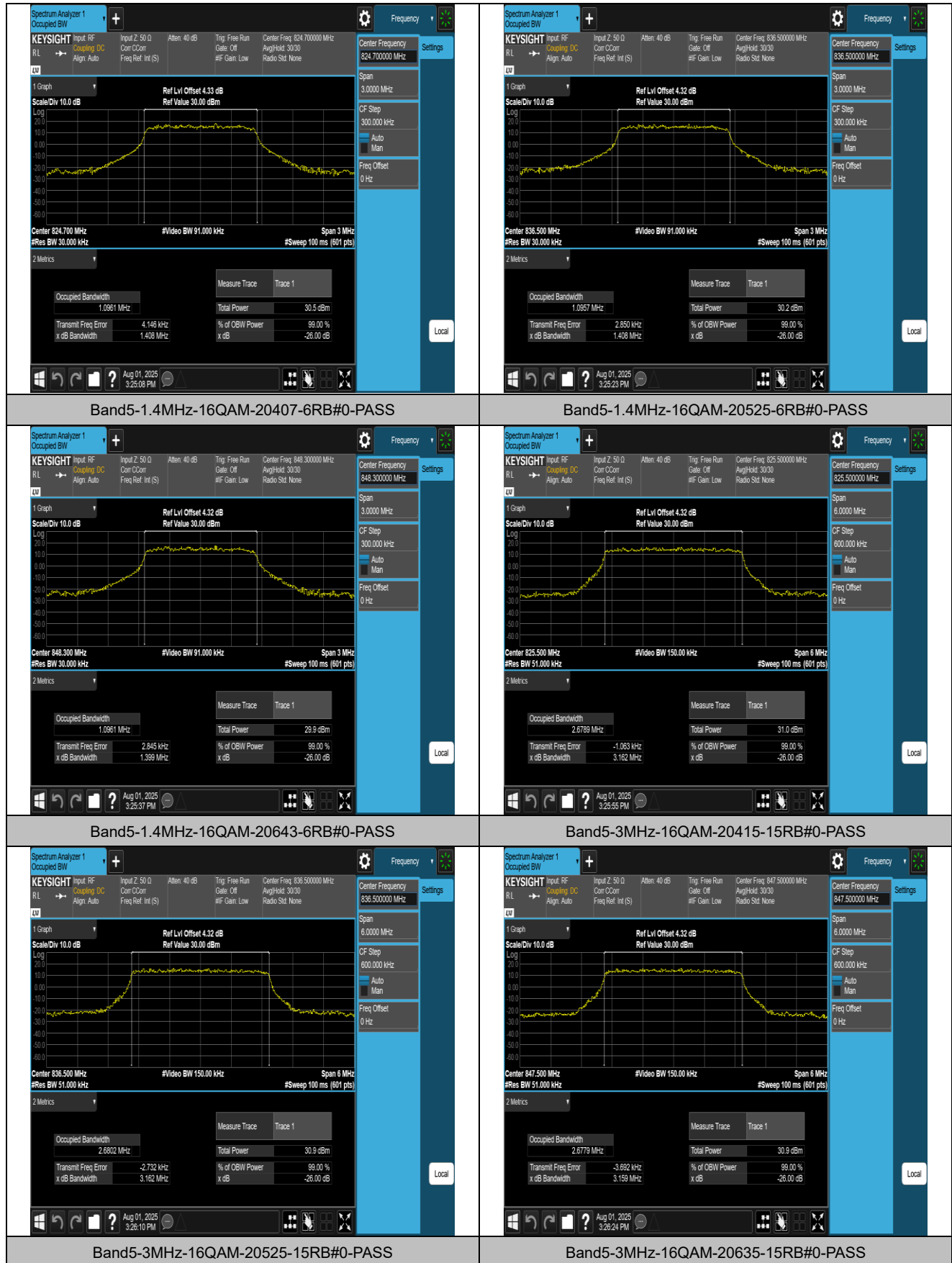


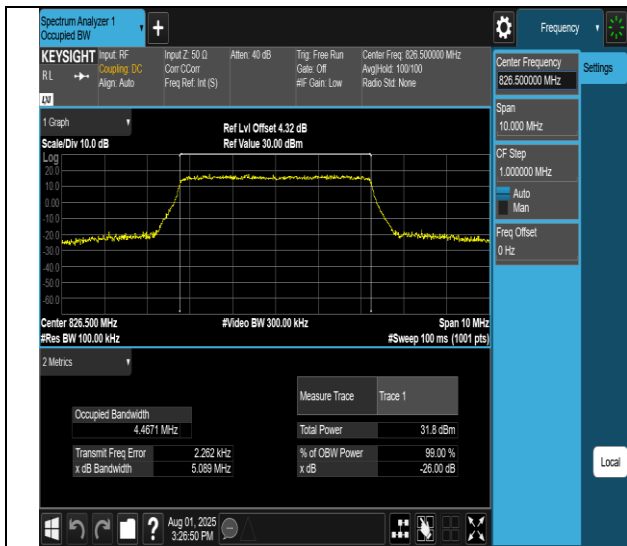
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	16QAM	20407	6RB#0	1.0961	1.408	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0957	1.408	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0961	1.399	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6789	3.162	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6802	3.162	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6779	3.159	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4671	5.089	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4722	5.062	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4712	5.102	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9159	9.668	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9265	9.684	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9169	9.665	PASS

Test Graphs





Band5-5MHz-16QAM-20425-25RB#0-PASS



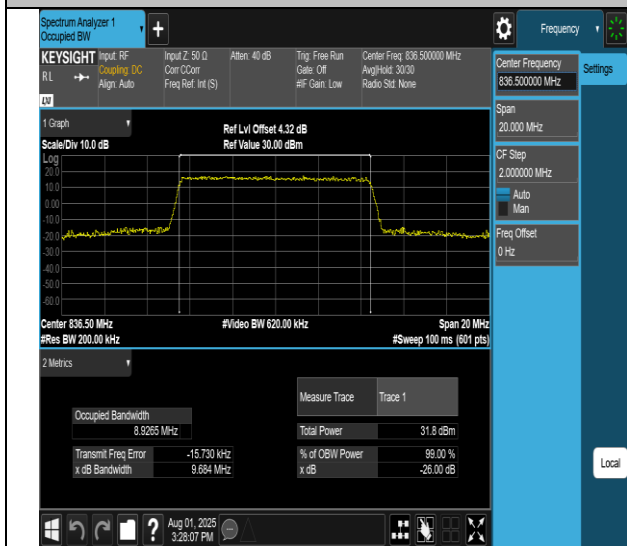
Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-5MHz-16QAM-20625-25RB#0-PASS



Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS

~The End~