

FCC Appendix RF Test Data for LTE

FCC ID : 2AU3D-RCAPRIME

Company: : United Creation Technology Corp.,Ltd

EUT : 4G smart phone

Model Number : Prime

Report No. : CTA25040200704

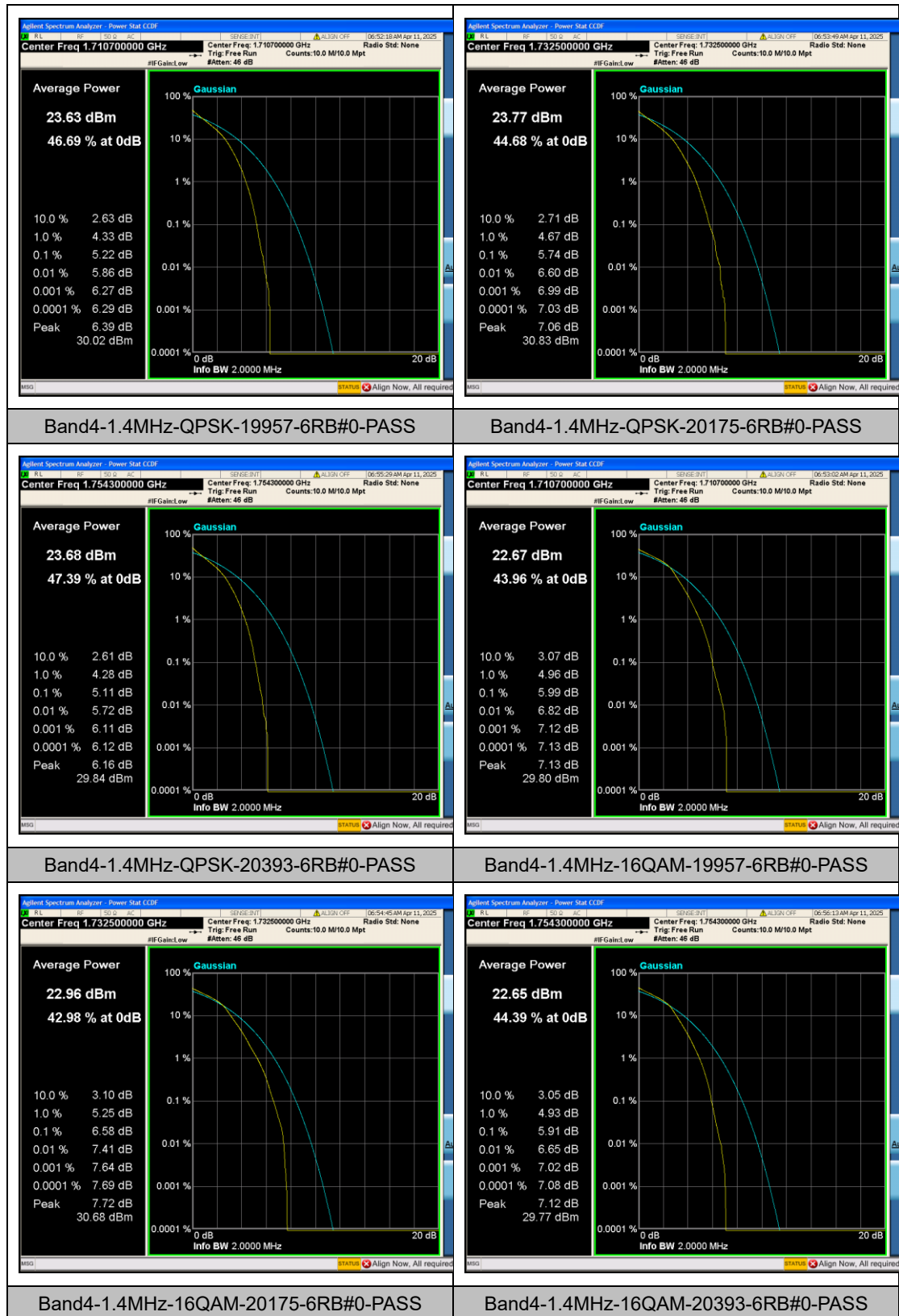
Reviewed By : Eric Wang

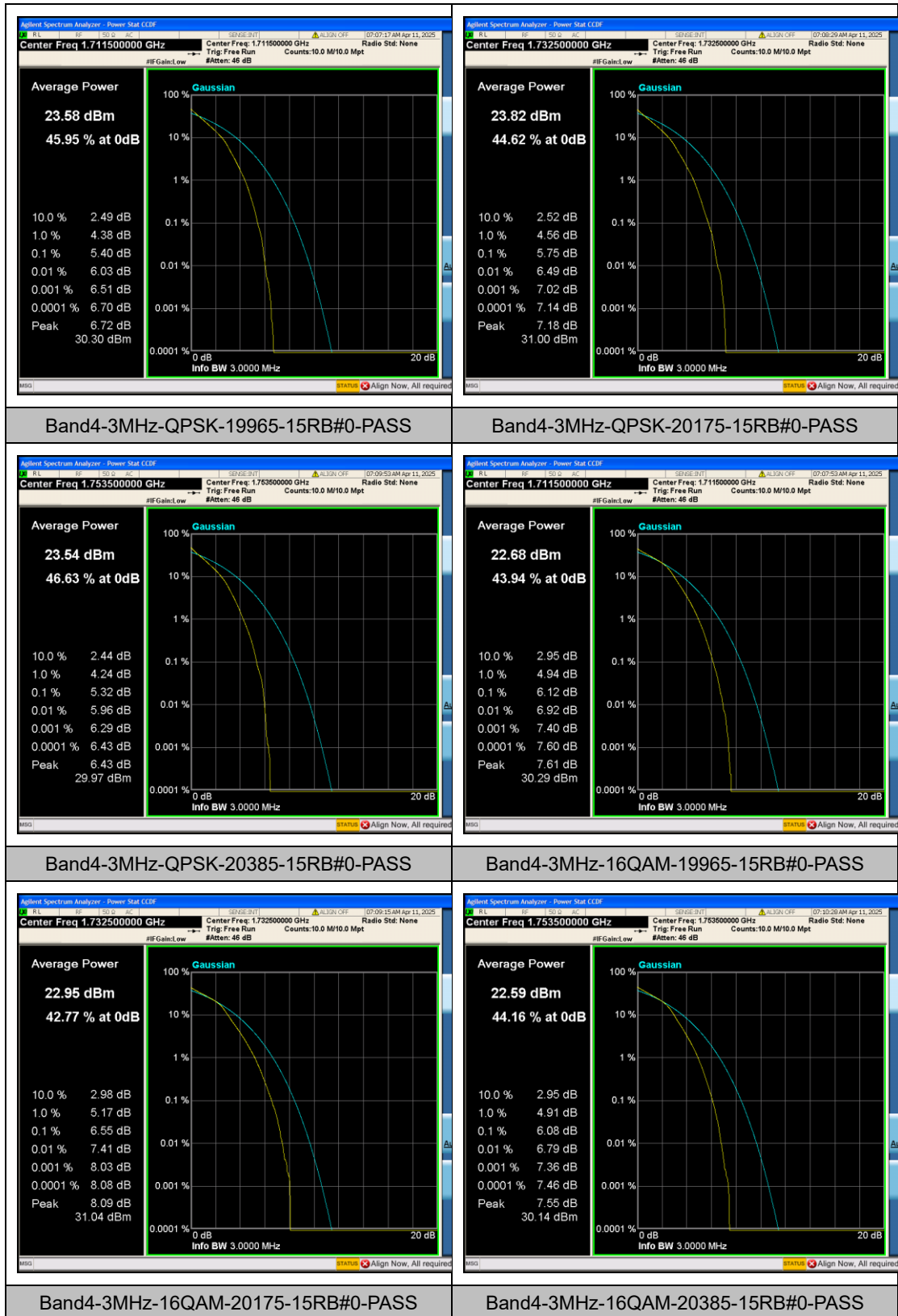
Appendix B: Peak-to-Average Ratio(CCDF)

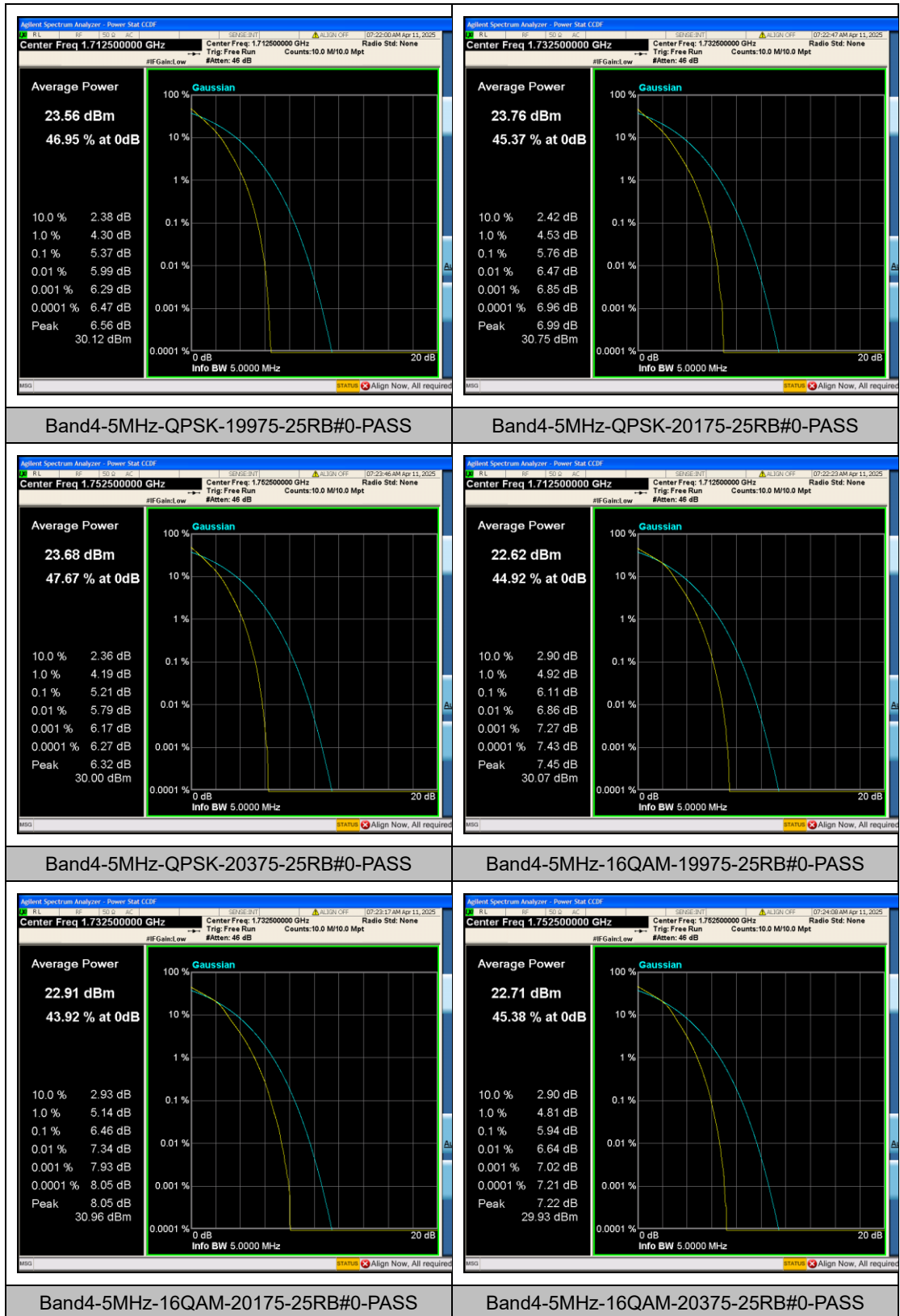
Test Result

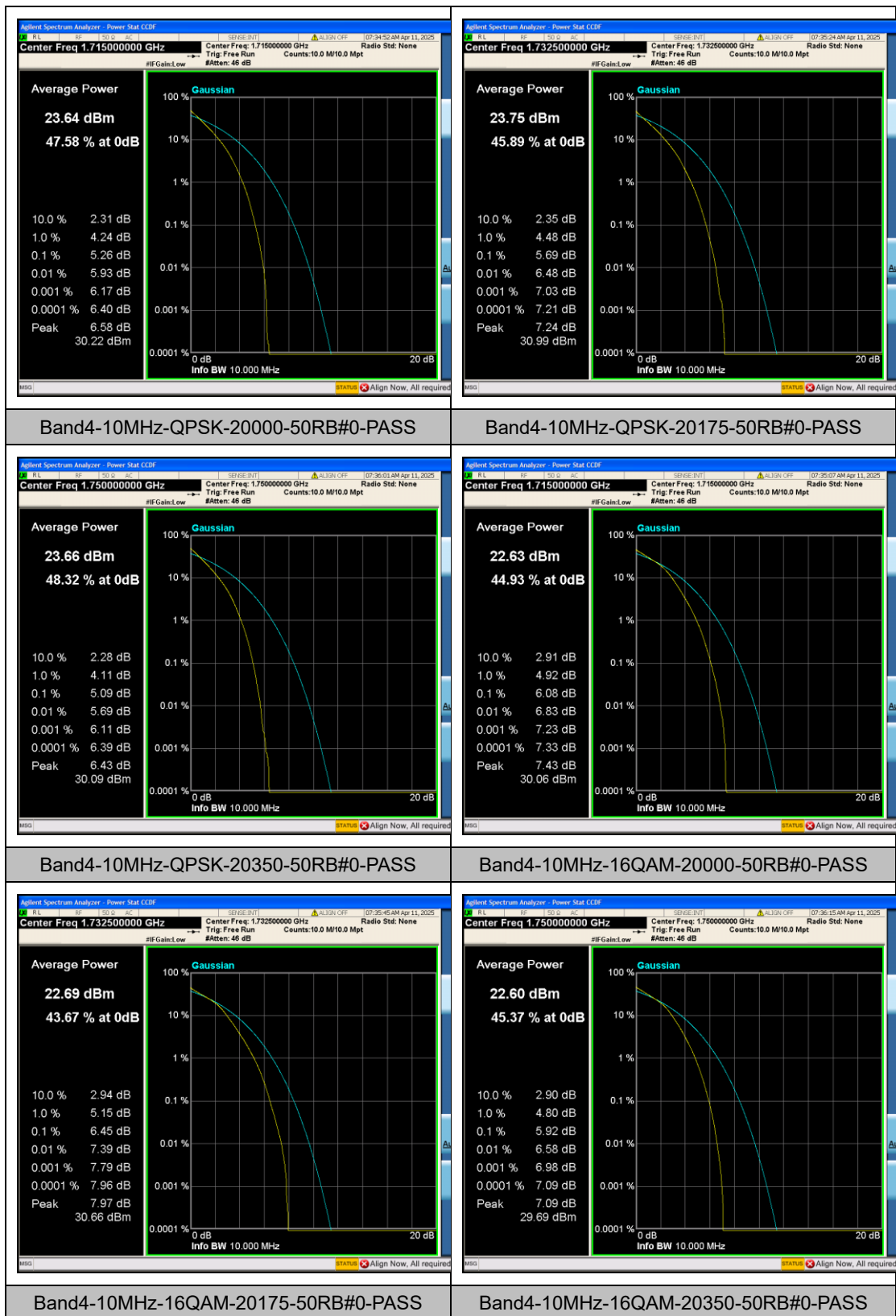
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.22	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.74	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.11	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.99	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.58	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.91	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.40	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.75	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.32	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.12	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.55	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.08	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.37	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.76	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.21	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.11	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.46	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.94	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.26	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.69	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.09	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.08	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.45	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.92	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.52	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.90	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.44	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.09	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.44	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.23	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.55	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.22	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.16	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.37	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.99	13	PASS

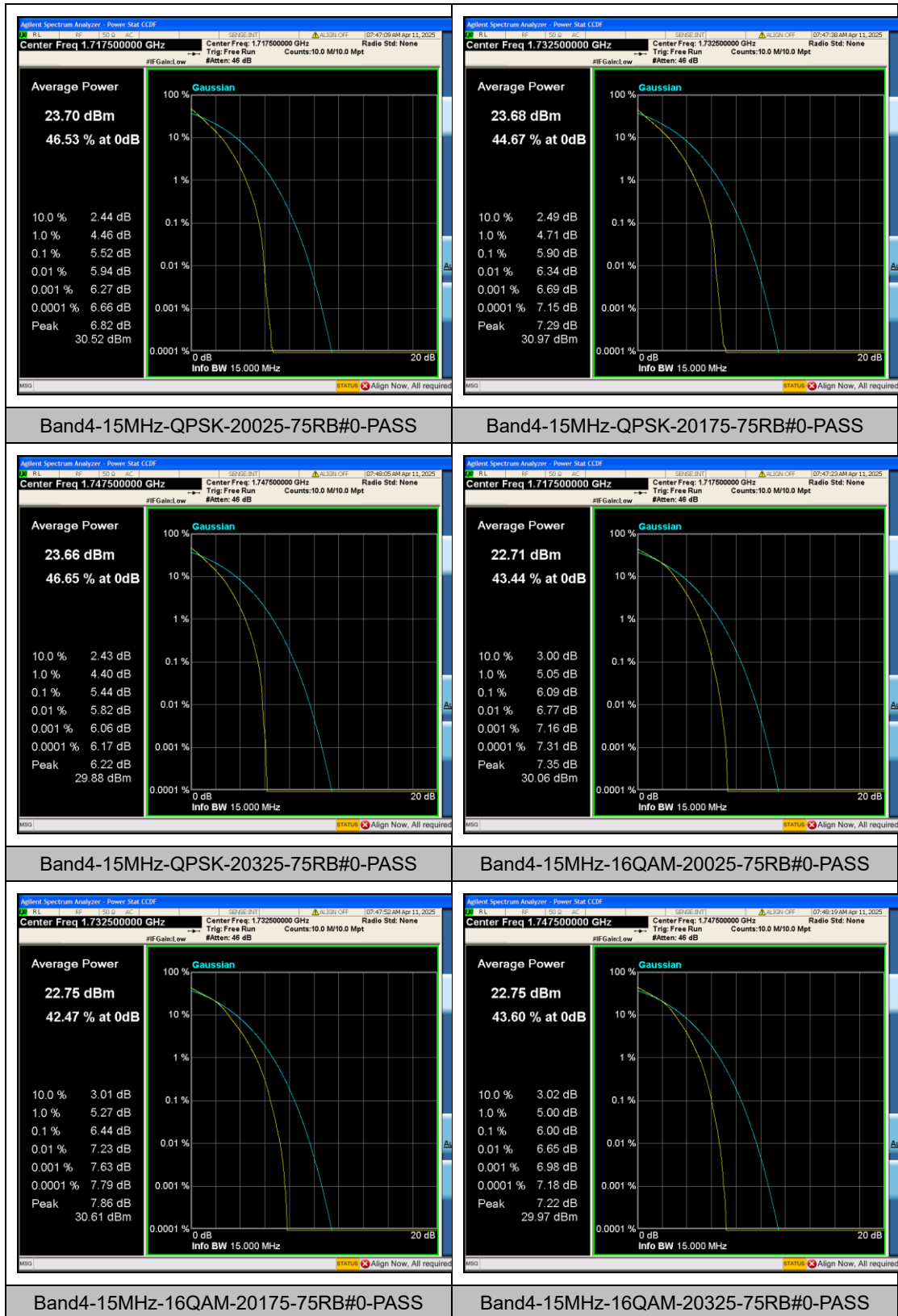
Test Graphs

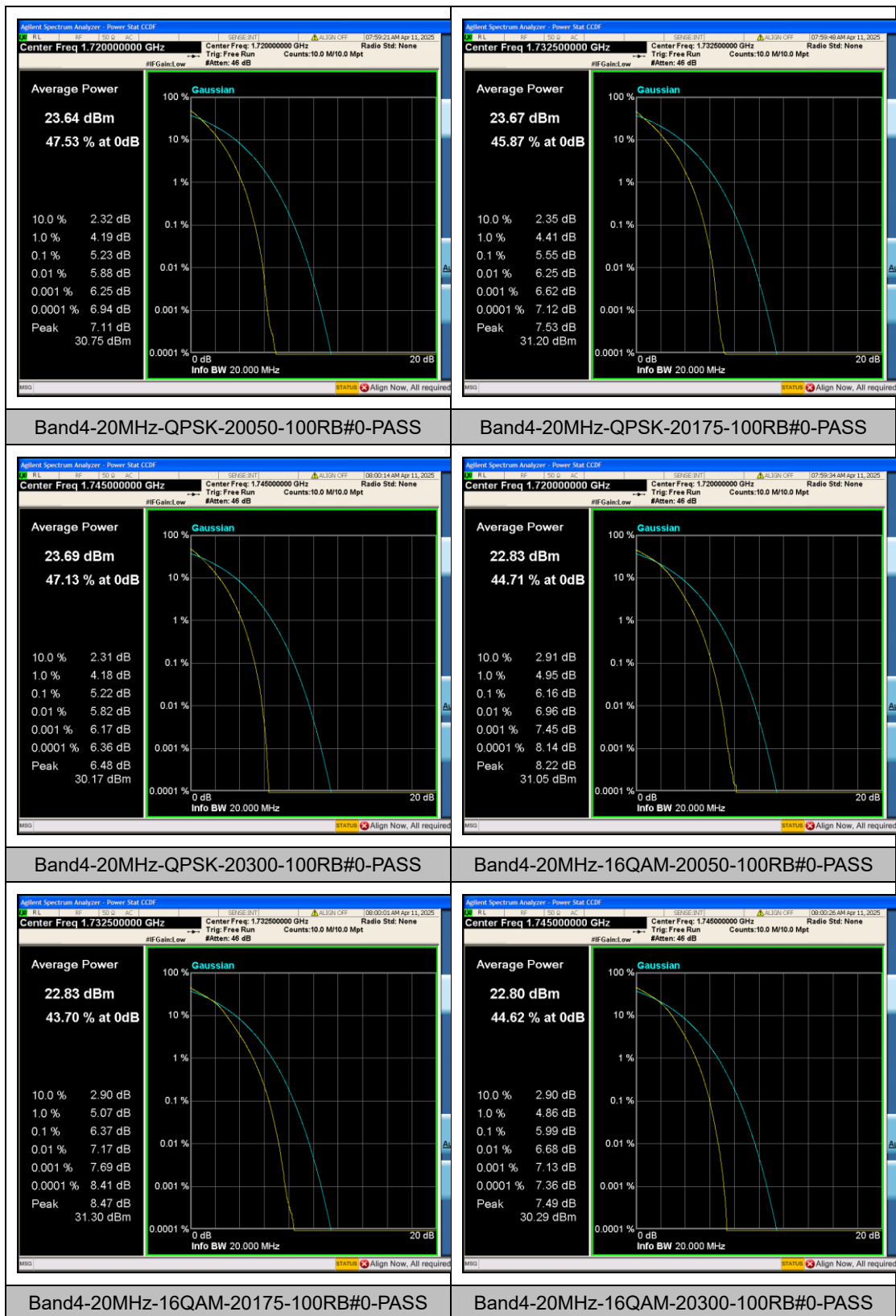












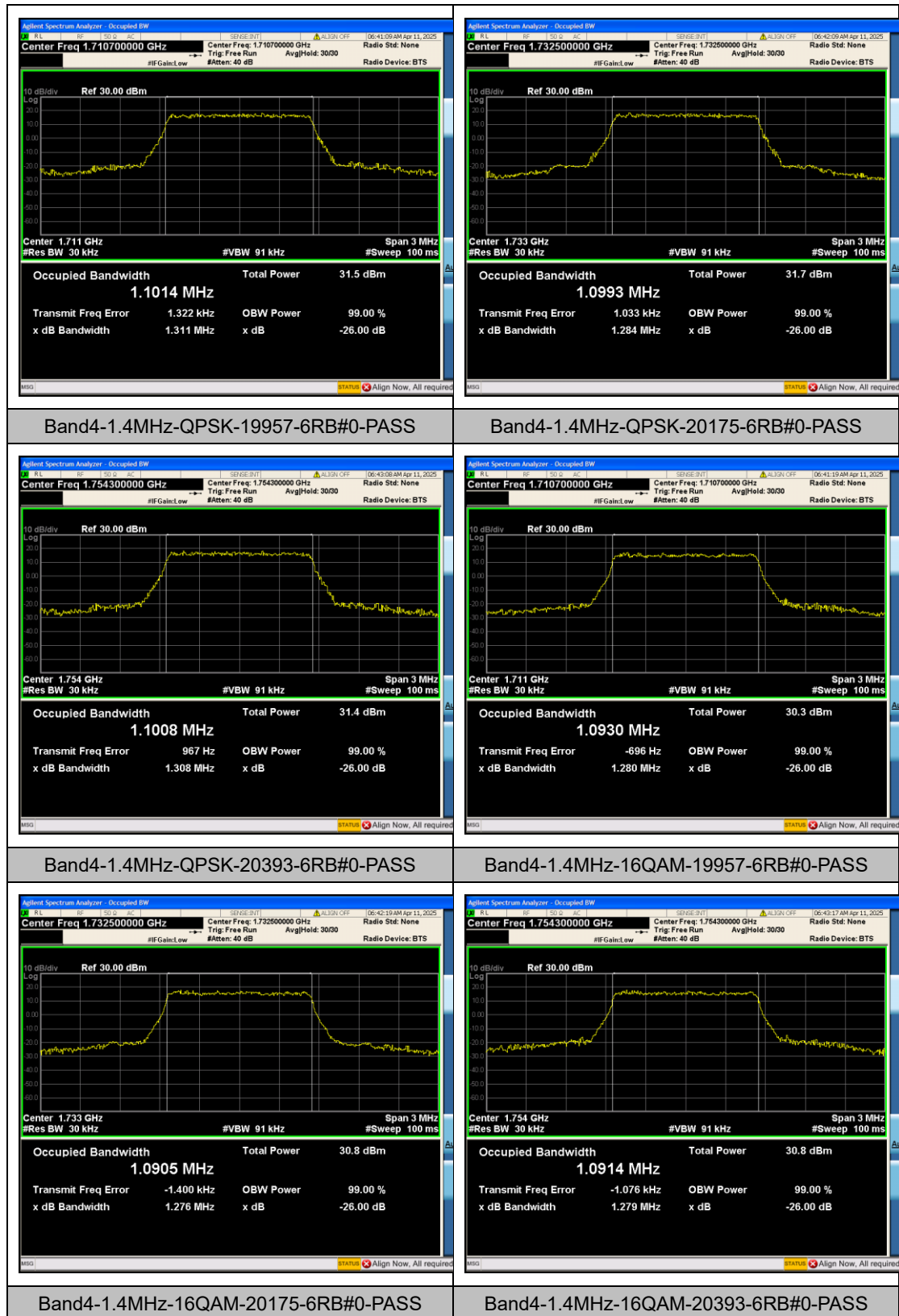
Appendix C: 26dB Bandwidth and Occupied Bandwidth

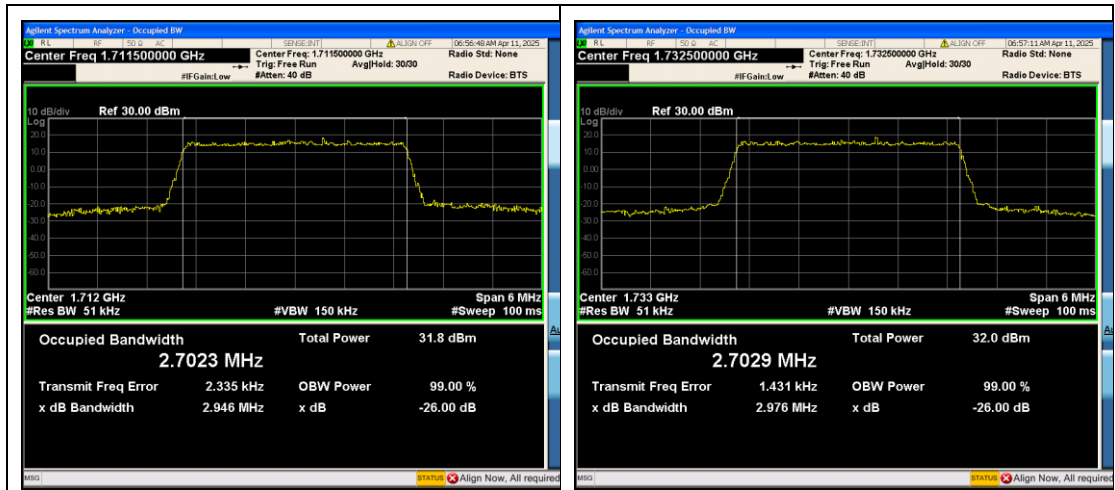
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1014	1.311	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0993	1.284	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1008	1.308	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0930	1.280	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0905	1.276	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0914	1.279	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7023	2.946	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7029	2.976	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6979	2.958	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6927	2.951	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6910	2.952	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6909	2.965	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5055	5.001	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5043	5.024	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5040	5.007	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4955	4.983	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5053	4.975	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4962	4.962	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9700	9.842	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9756	9.945	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9769	9.862	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9618	9.862	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9774	9.930	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9604	9.814	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.417	14.74	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.449	14.76	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.401	14.71	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.427	14.64	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.462	14.69	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.426	14.62	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.867	19.37	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.932	19.44	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.924	19.54	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.911	19.39	PASS

Band4	20MHz	16QAM	20175	100RB#0	17.997	19.48	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.887	19.36	PASS

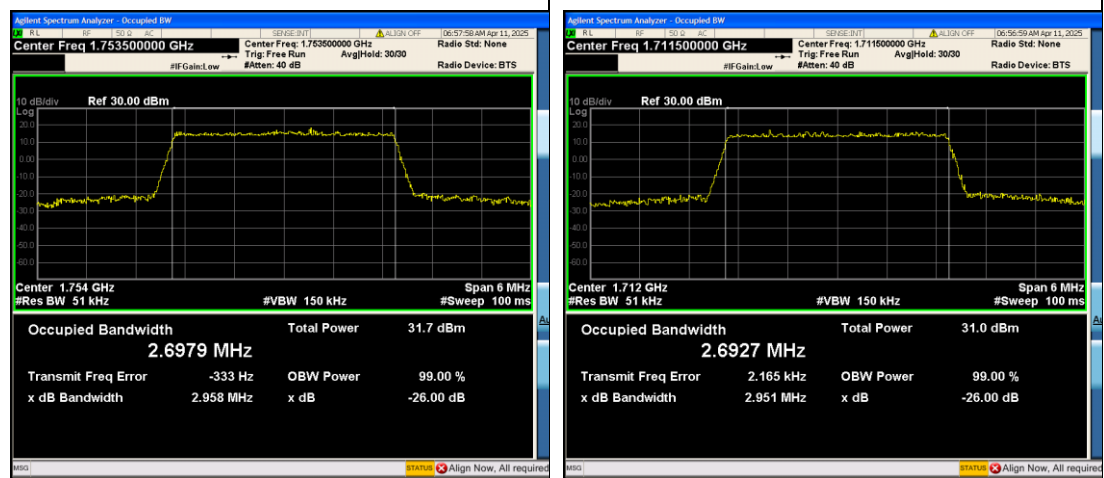
Test Graphs





Band4-3MHz-QPSK-19965-15RB#0-PASS

Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-QPSK-20385-15RB#0-PASS

Band4-3MHz-16QAM-19965-15RB#0-PASS



Band4-3MHz-16QAM-20175-15RB#0-PASS

Band4-3MHz-16QAM-20385-15RB#0-PASS

