

FCC LTE Band Test Data

FCC ID : 2BHCY-X100
Company: : Shenzhen ThreeTigers Trading co..Ltd.
EUT : Mobile Phone
Model Number : X100
Reviewed By : Eric Wang

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

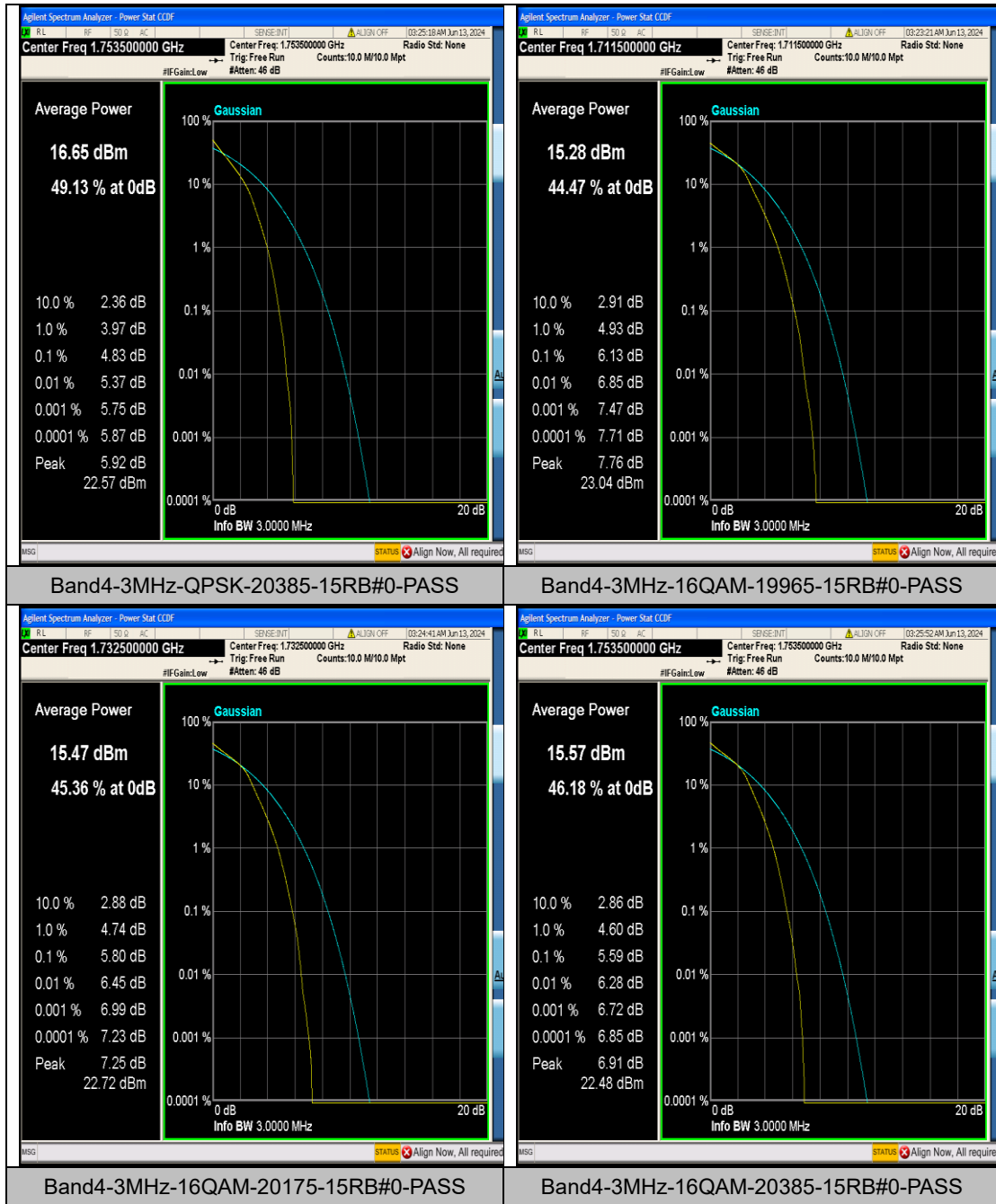
Test Result

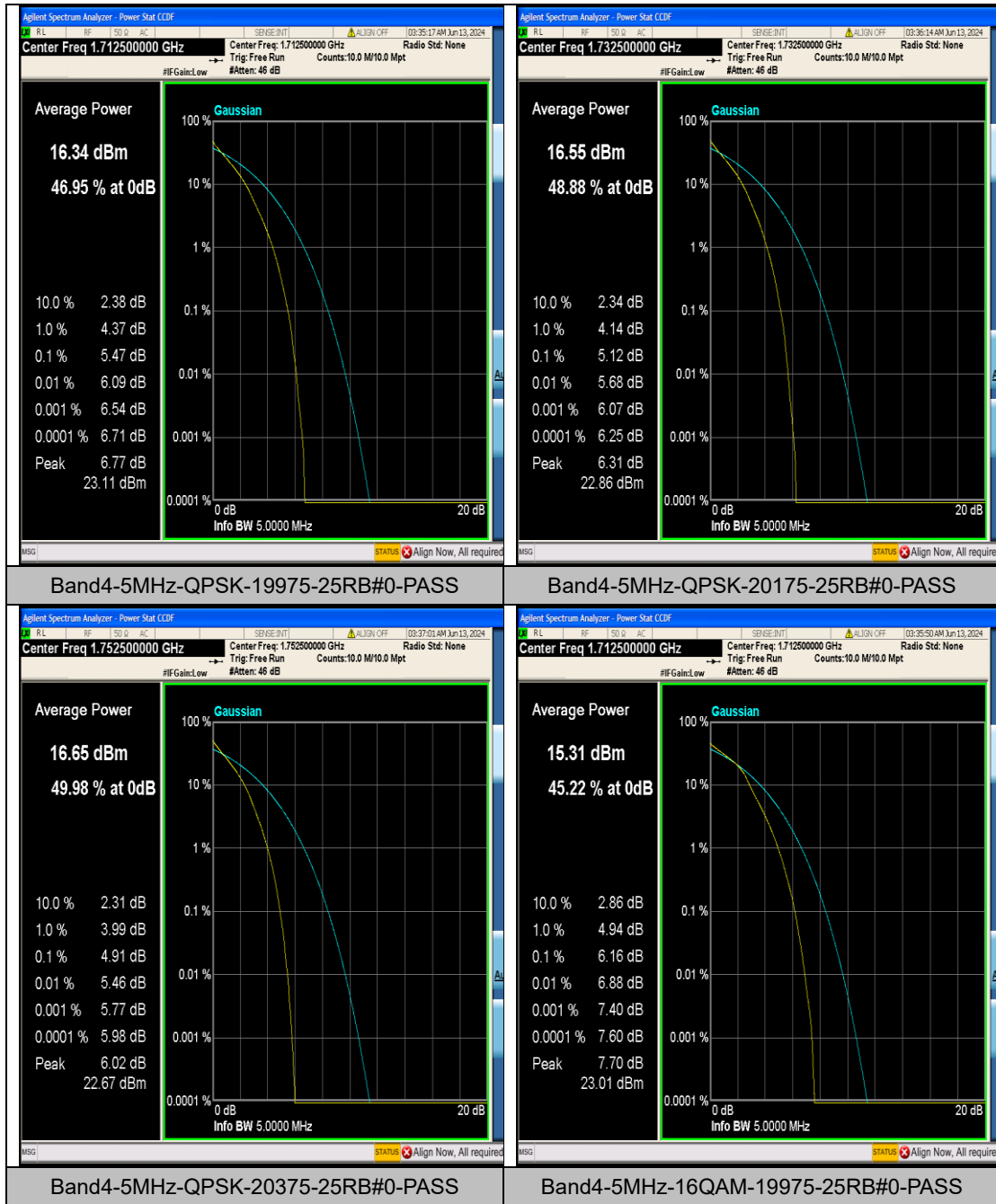
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.03	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.52	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.26	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.86	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.39	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.12	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.31	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.00	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.83	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.13	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.80	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.59	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.47	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.12	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.91	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.16	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.79	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.60	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.46	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.12	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.90	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.18	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.84	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.63	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.64	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.30	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.07	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.22	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.90	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.70	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.34	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.06	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.88	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.12	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.84	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.65	13	PASS

Test Graphs







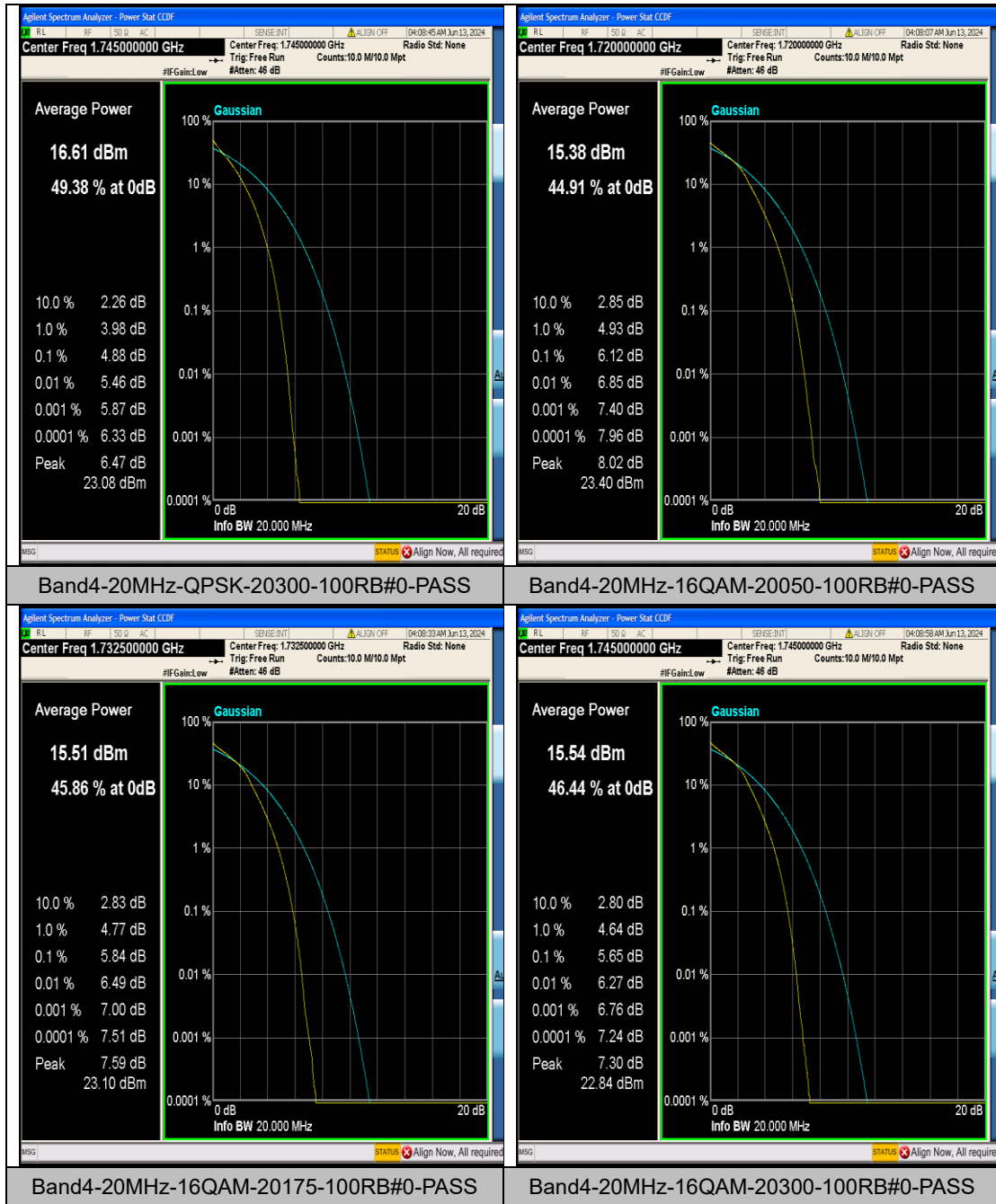












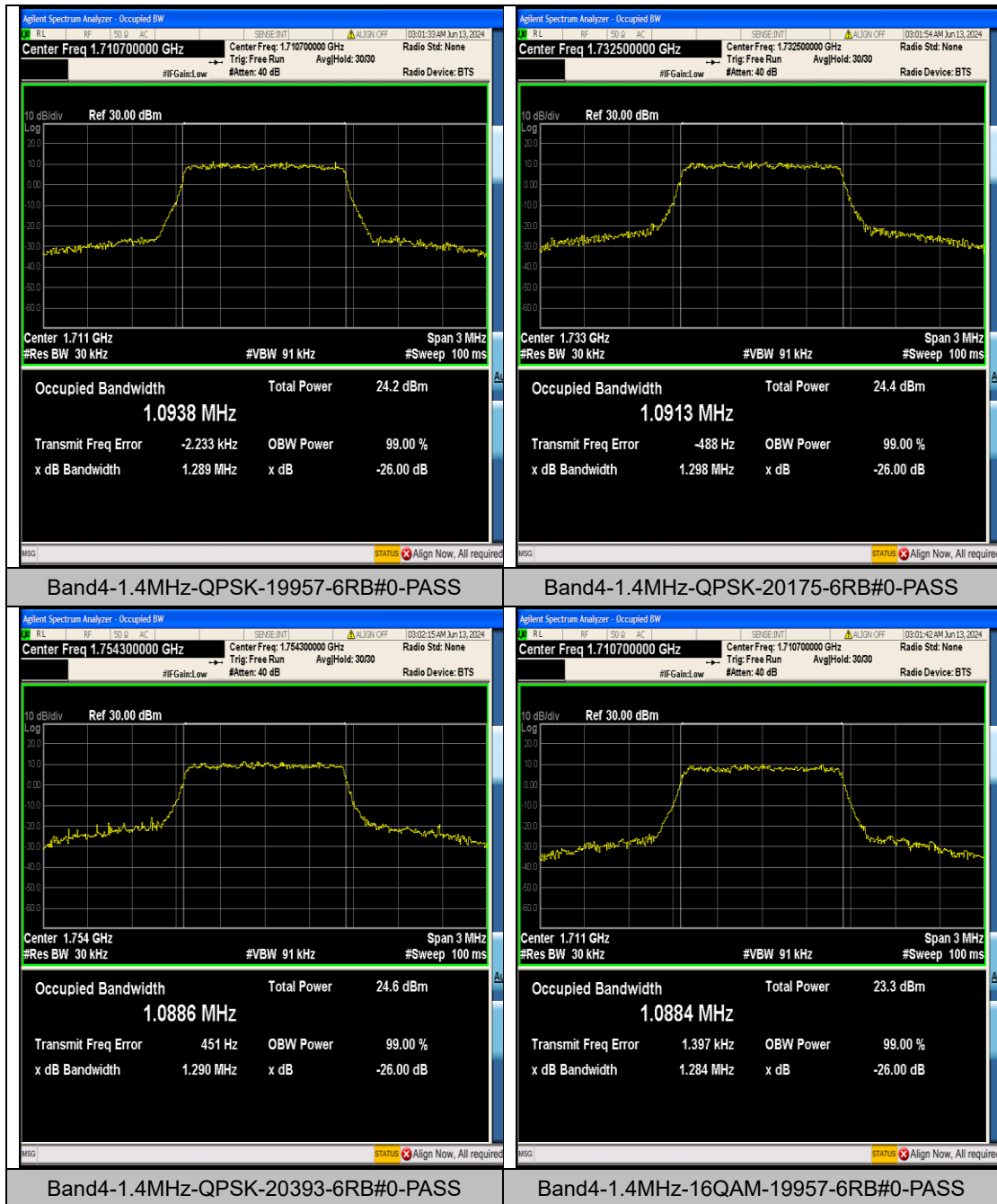
Appendix C: 26dB Bandwidth and Occupied Bandwidth

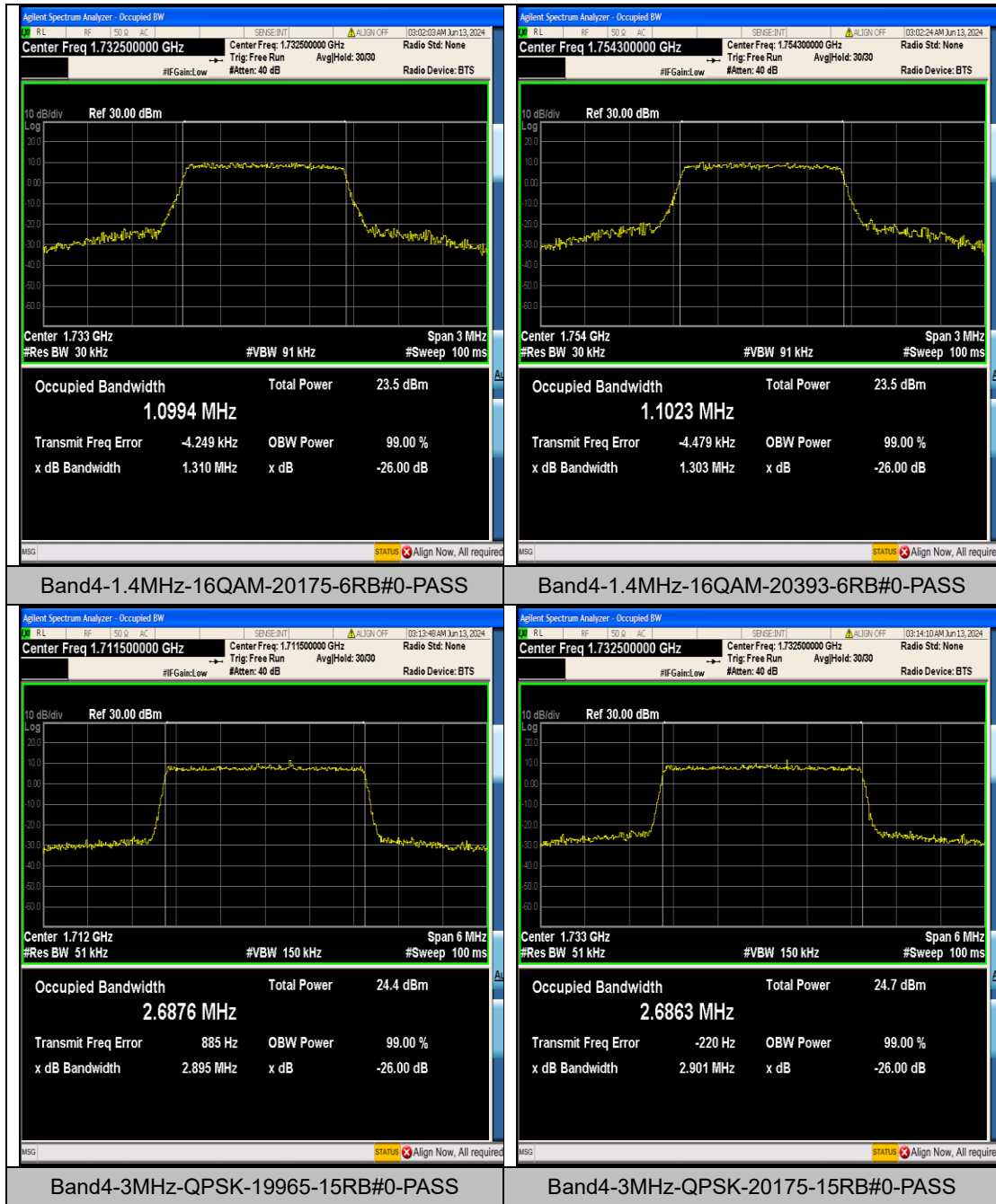
Test Result

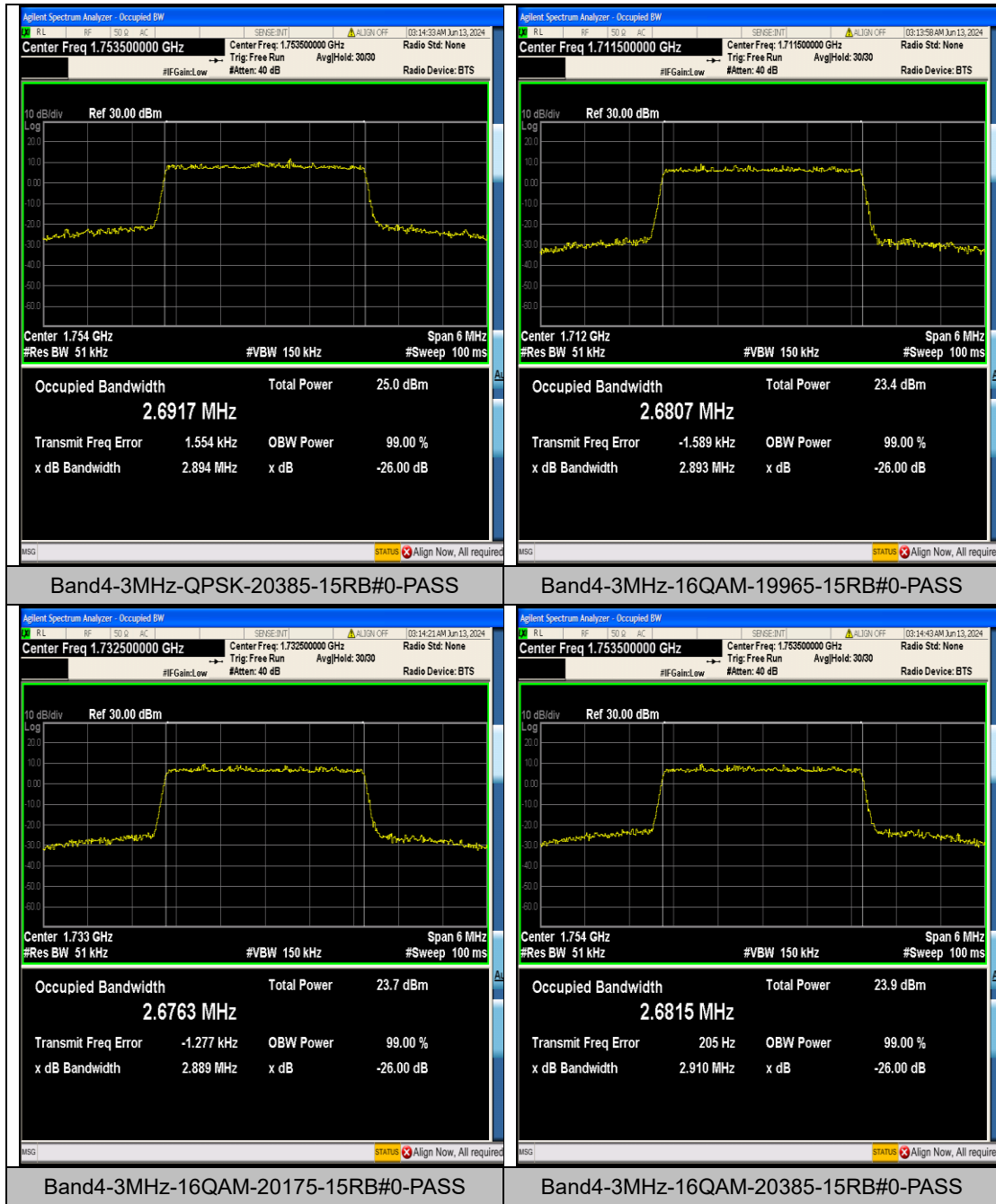
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0938	1.289	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0913	1.298	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0886	1.290	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0884	1.284	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0994	1.310	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1023	1.303	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6876	2.895	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6863	2.901	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6917	2.894	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6807	2.893	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6763	2.889	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6815	2.910	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5191	5.207	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5240	5.365	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5264	5.244	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5232	5.137	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5266	5.636	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5301	5.210	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0140	10.19	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0237	10.20	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0305	10.26	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0015	10.08	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0160	10.04	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0064	10.06	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.522	15.08	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.531	15.17	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.568	15.25	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.505	15.02	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.512	15.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.524	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.965	19.75	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.991	19.72	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.986	19.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.011	19.78	PASS

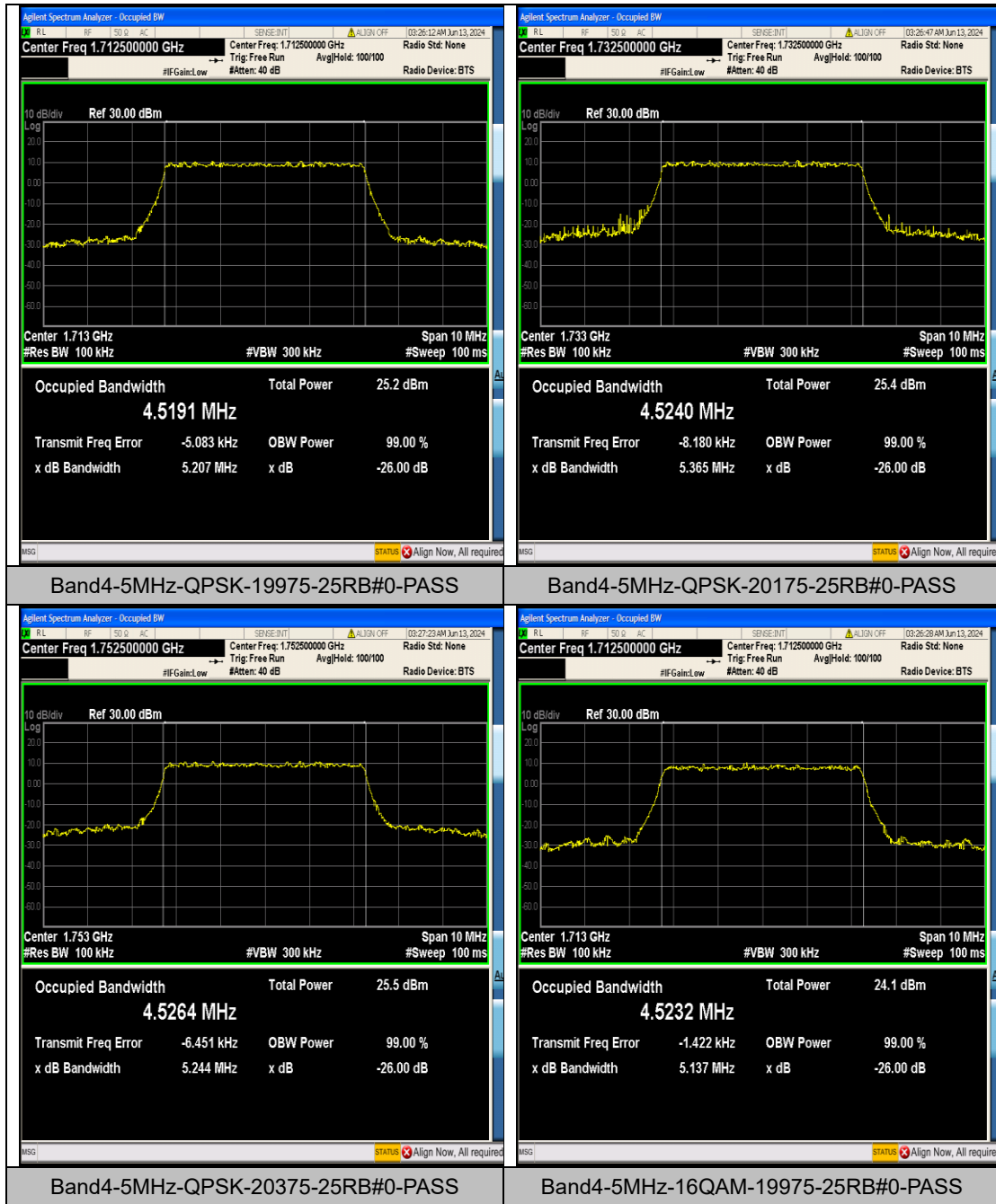
Band4	20MHz	16QAM	20175	100RB#0	18.022	19.82	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.031	19.82	PASS

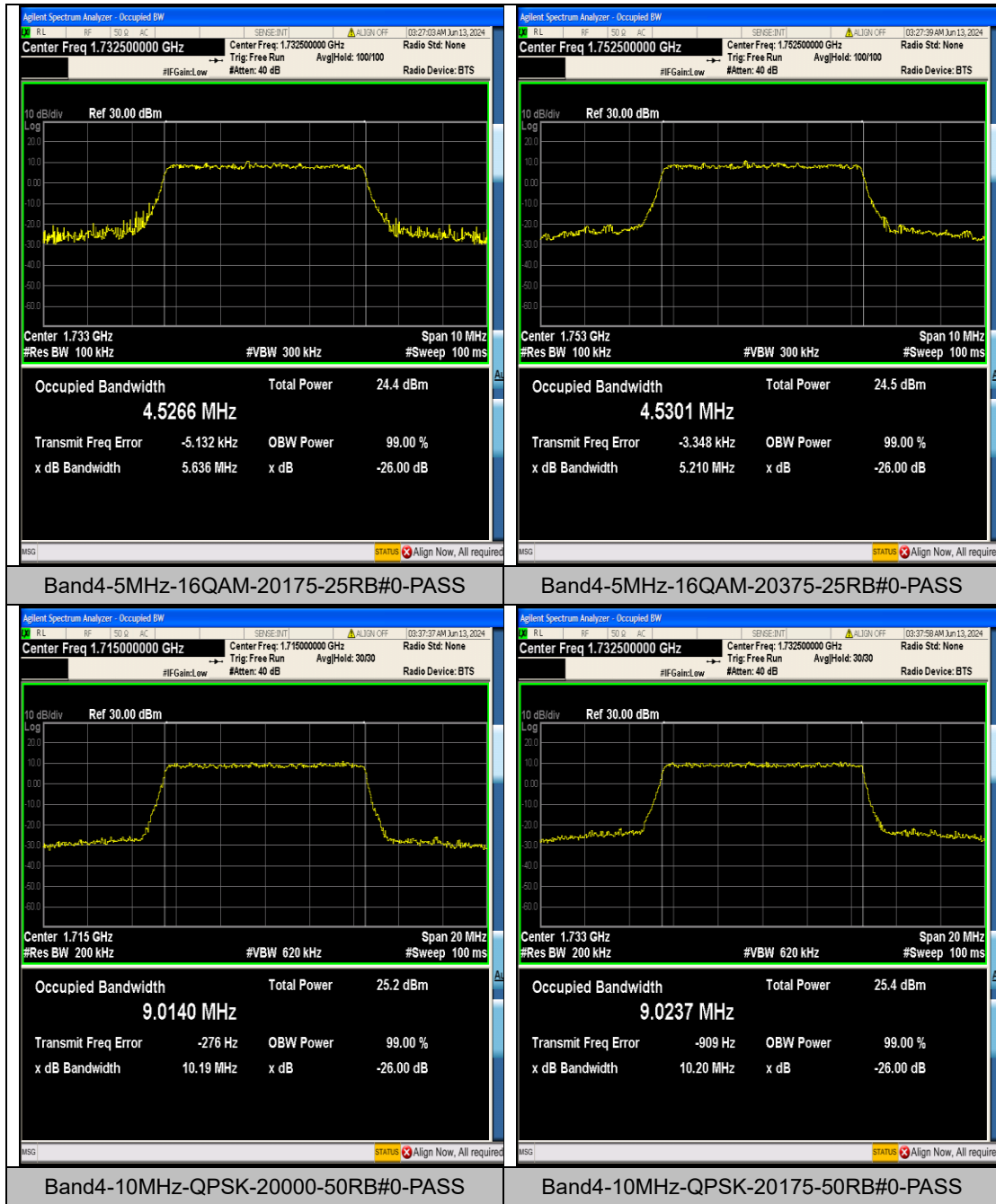
Test Graphs

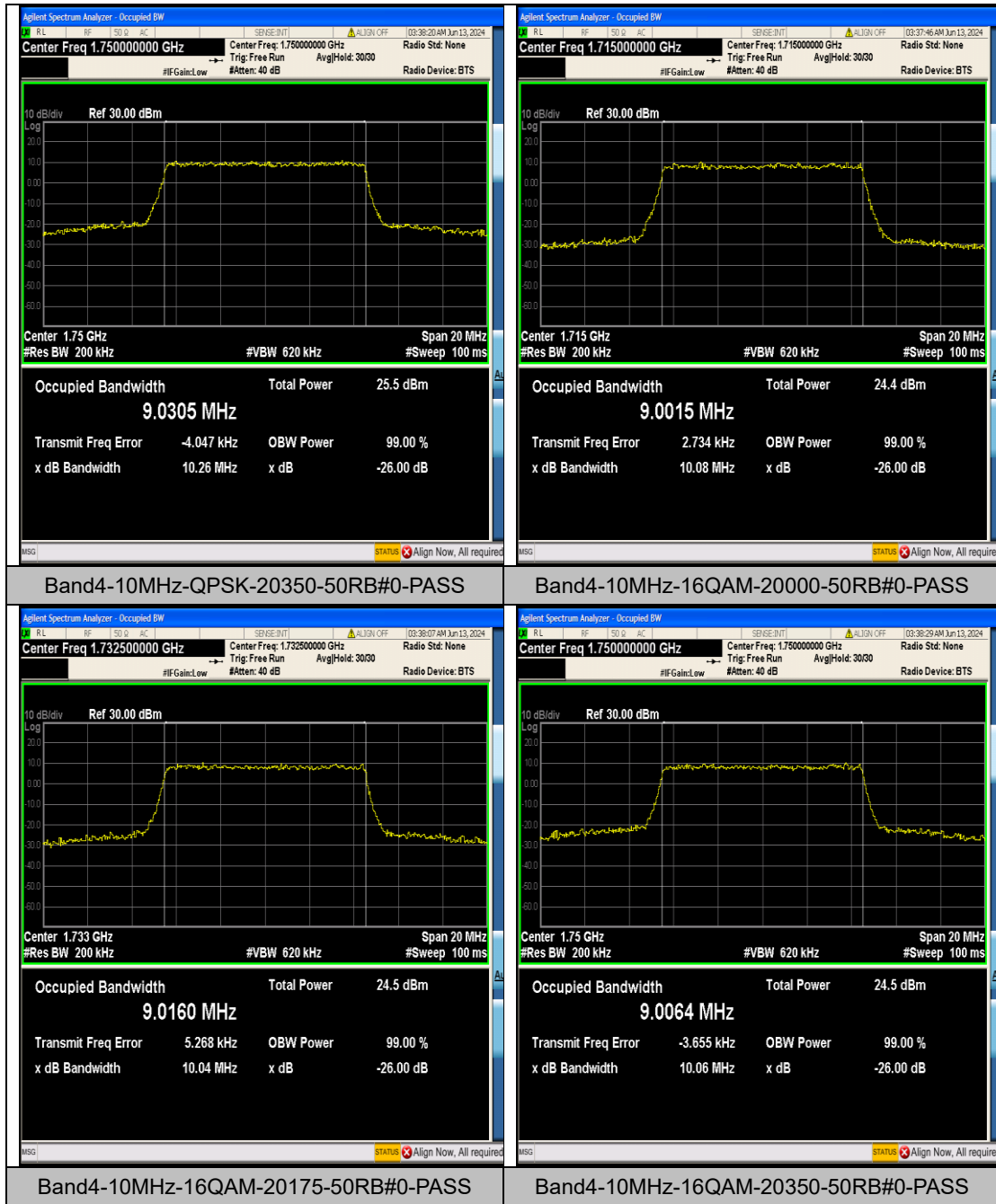


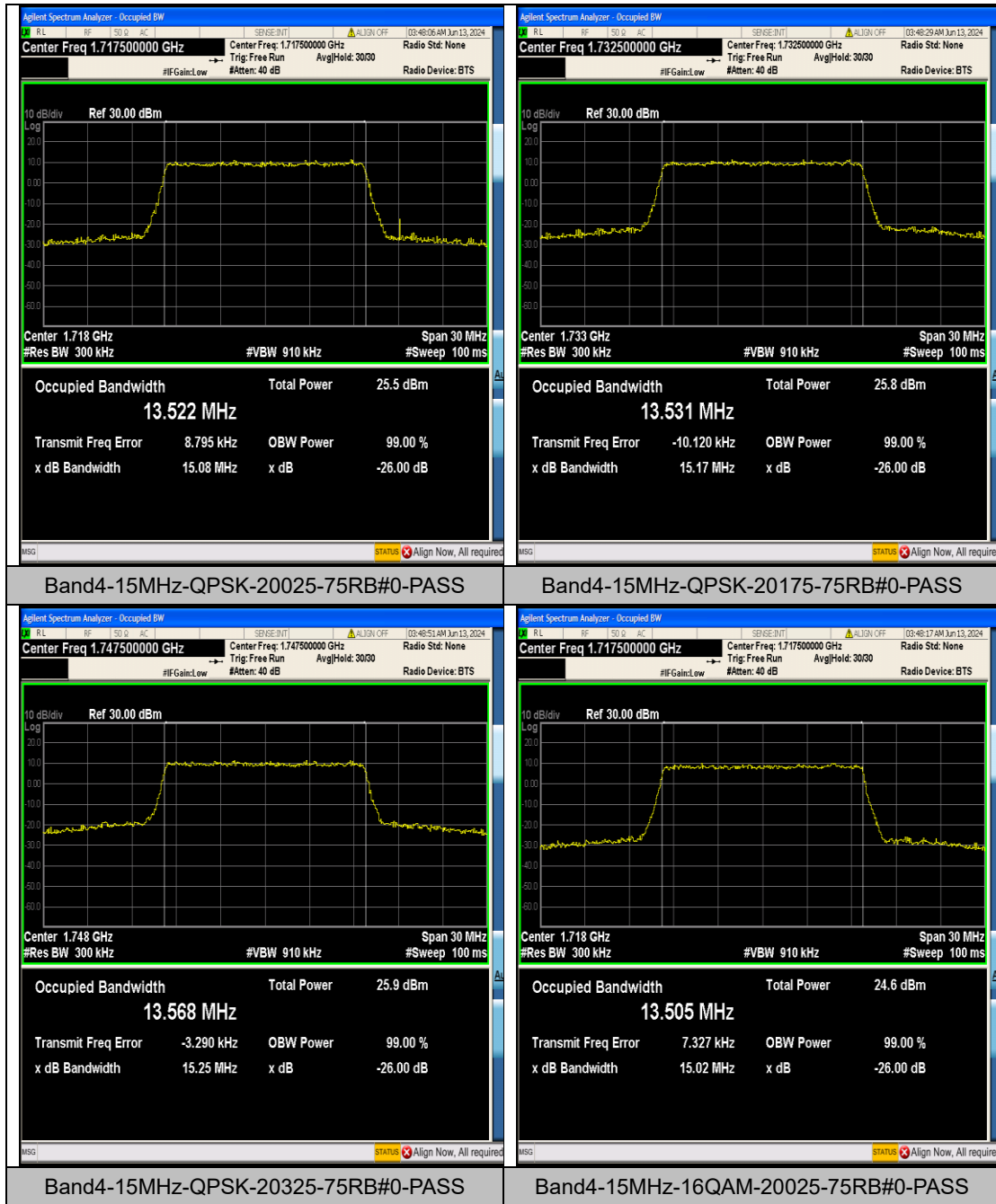


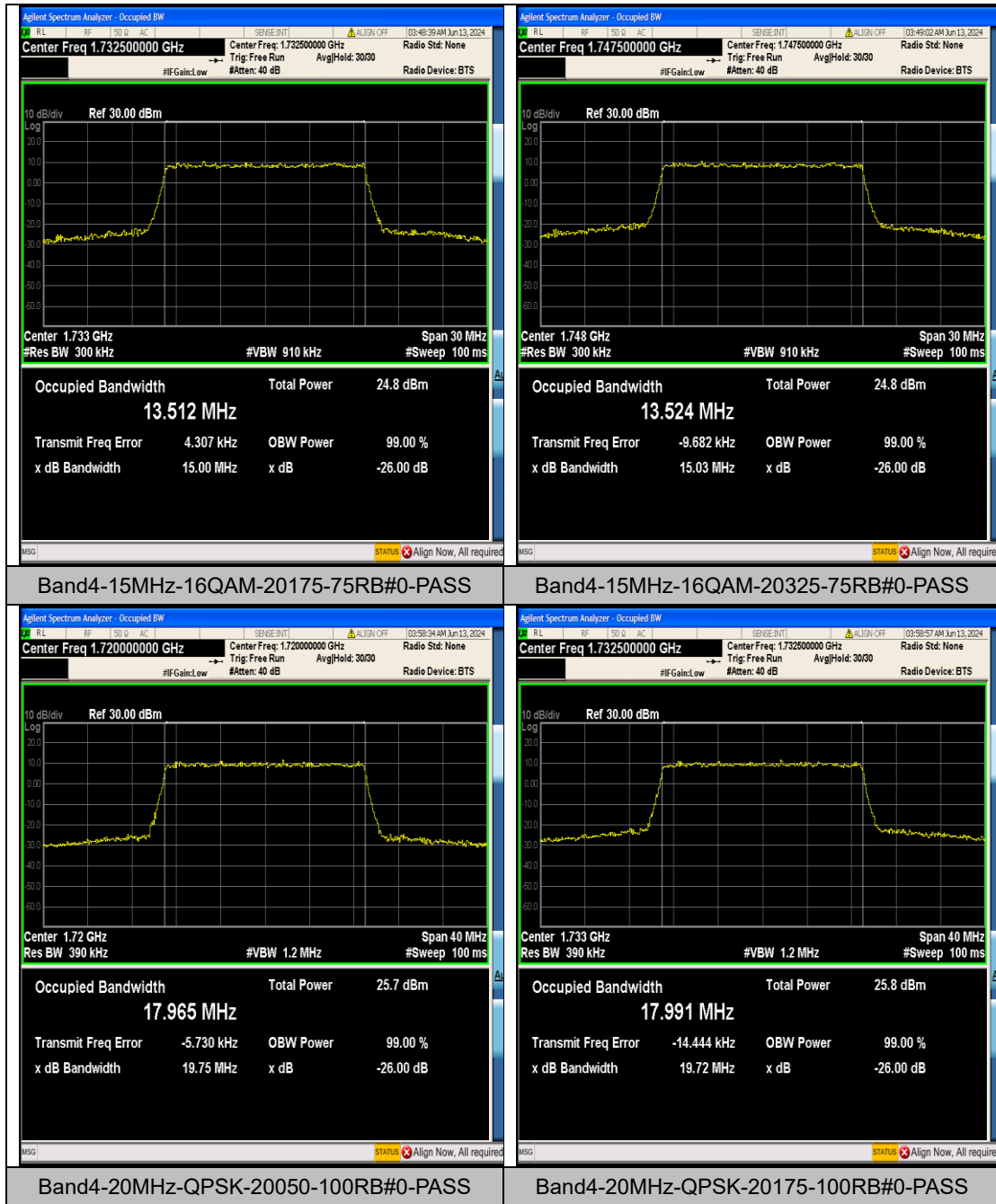


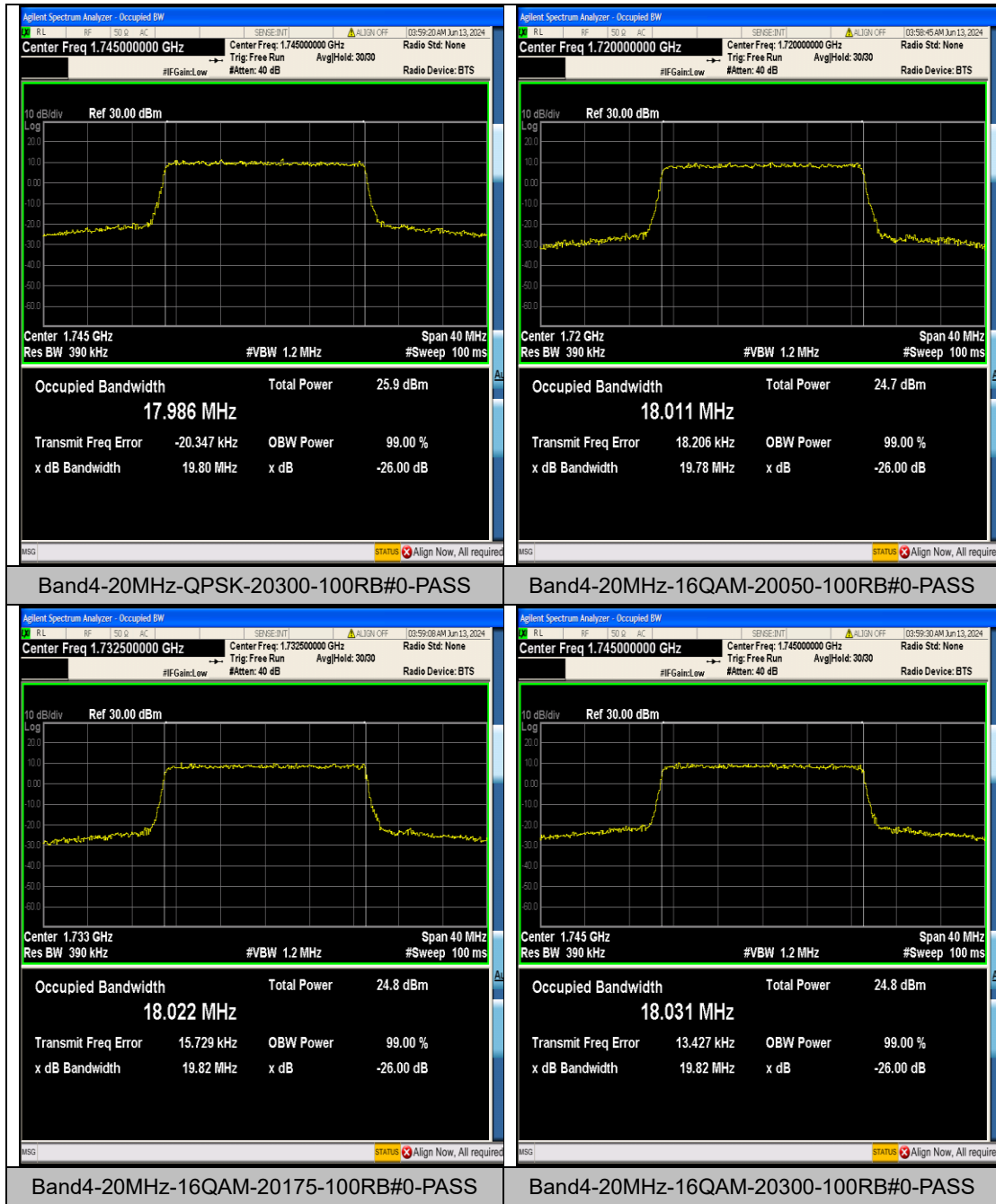










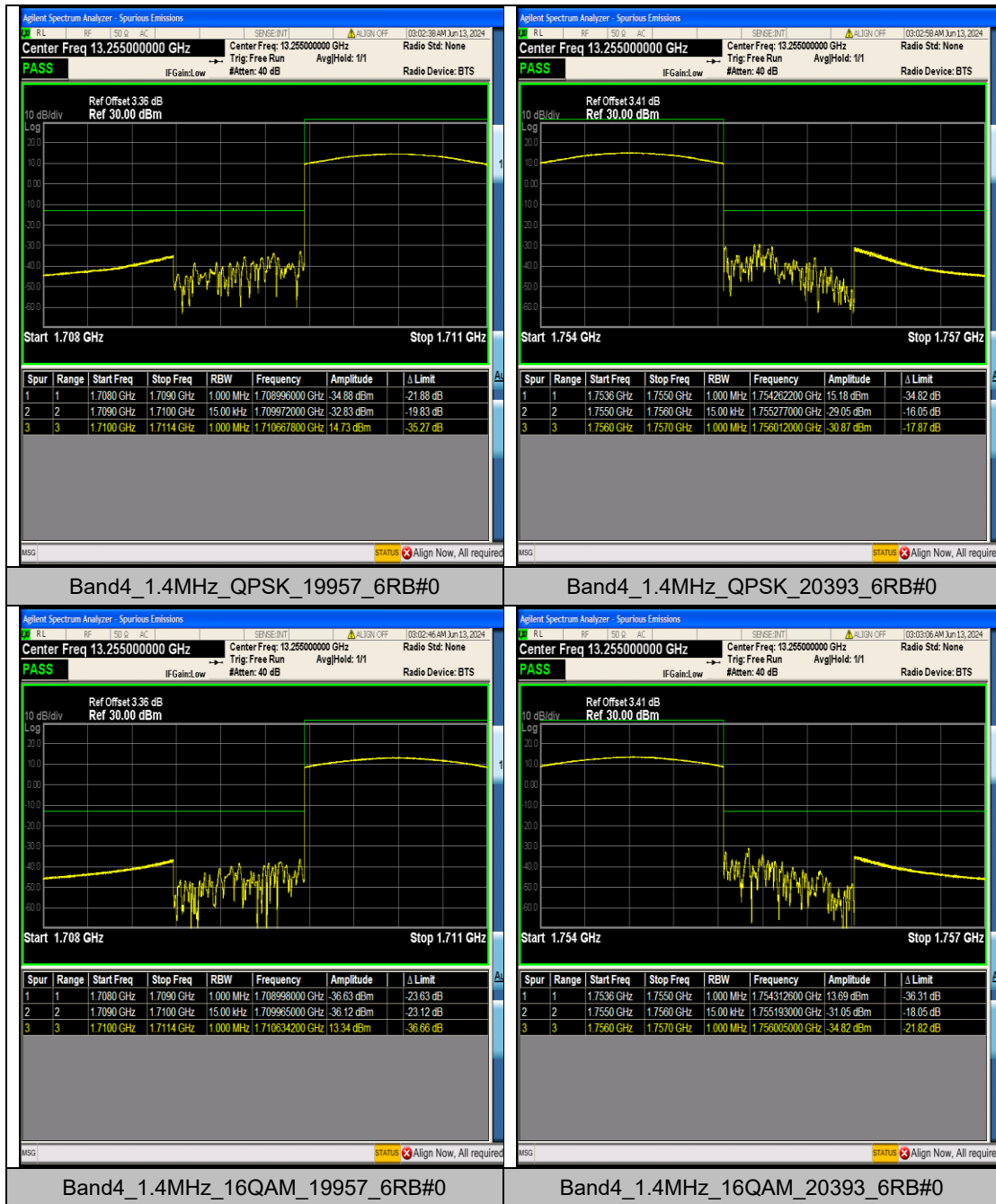


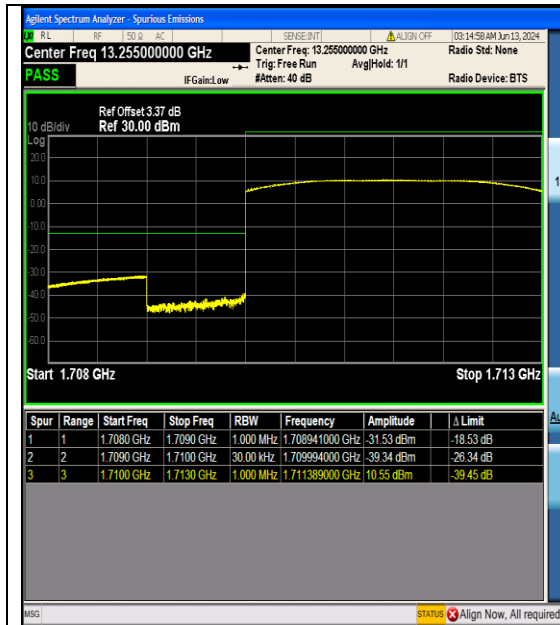
Appendix D: Band Edge

Test Result

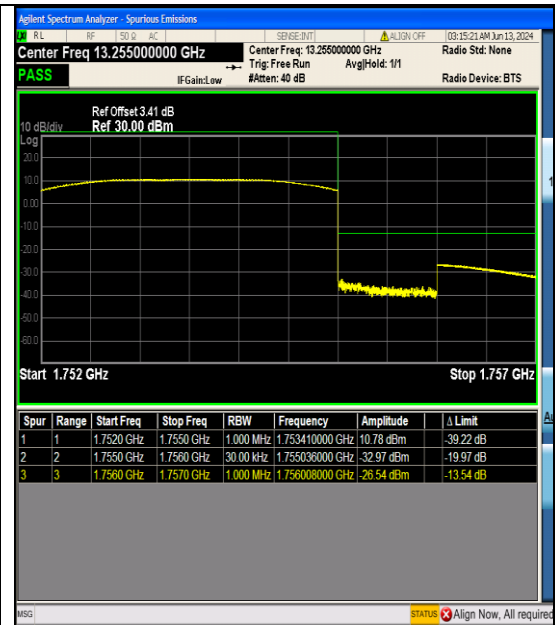
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-32.83	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.05	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-36.12	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-31.05	PASS
Band4	3MHz	QPSK	19965	15RB#0	-31.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	-26.54	PASS
Band4	3MHz	16QAM	19965	15RB#0	-32.37	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.26	PASS
Band4	5MHz	QPSK	19975	25RB#0	-32.07	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.47	PASS
Band4	5MHz	16QAM	19975	25RB#0	-32.63	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.62	PASS
Band4	10MHz	QPSK	20000	50RB#0	-33.54	PASS
Band4	10MHz	QPSK	20350	50RB#0	-27.62	PASS
Band4	10MHz	16QAM	20000	50RB#0	-34.76	PASS
Band4	10MHz	16QAM	20350	50RB#0	-31.02	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.41	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	-35.05	PASS
Band4	15MHz	16QAM	20325	75RB#0	-29.87	PASS
Band4	20MHz	QPSK	20050	100RB#0	-35.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.96	PASS
Band4	20MHz	16QAM	20050	100RB#0	-37.10	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.07	PASS

Test Graphs

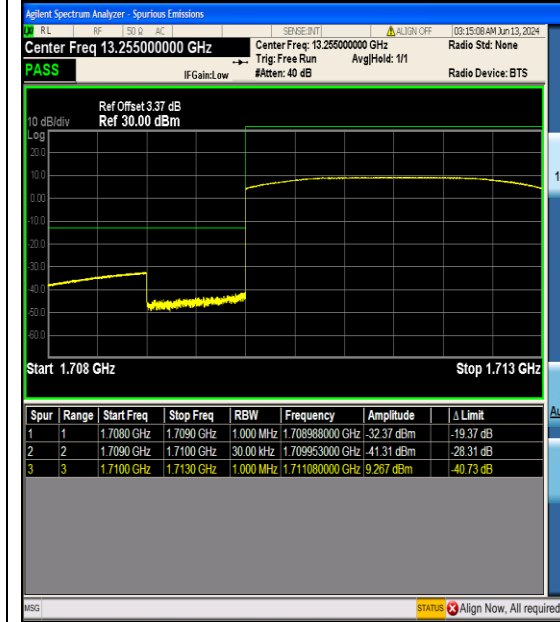




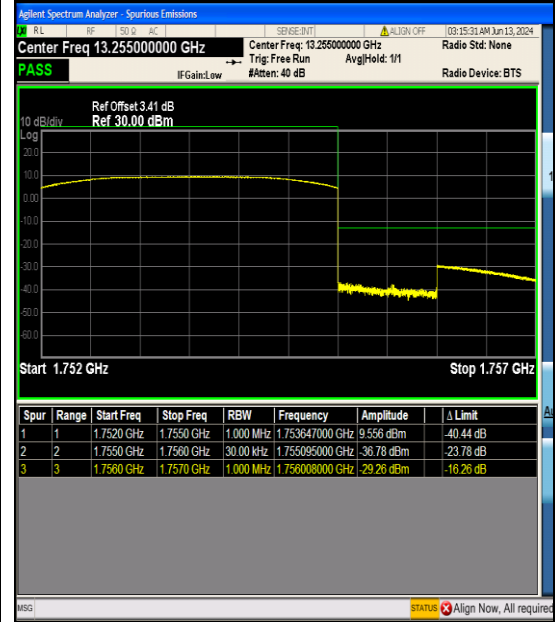
Band4_3MHz_QPSK_19965_15RB#0



Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_19965_15RB#0



Band4_3MHz_16QAM_20385_15RB#0