

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

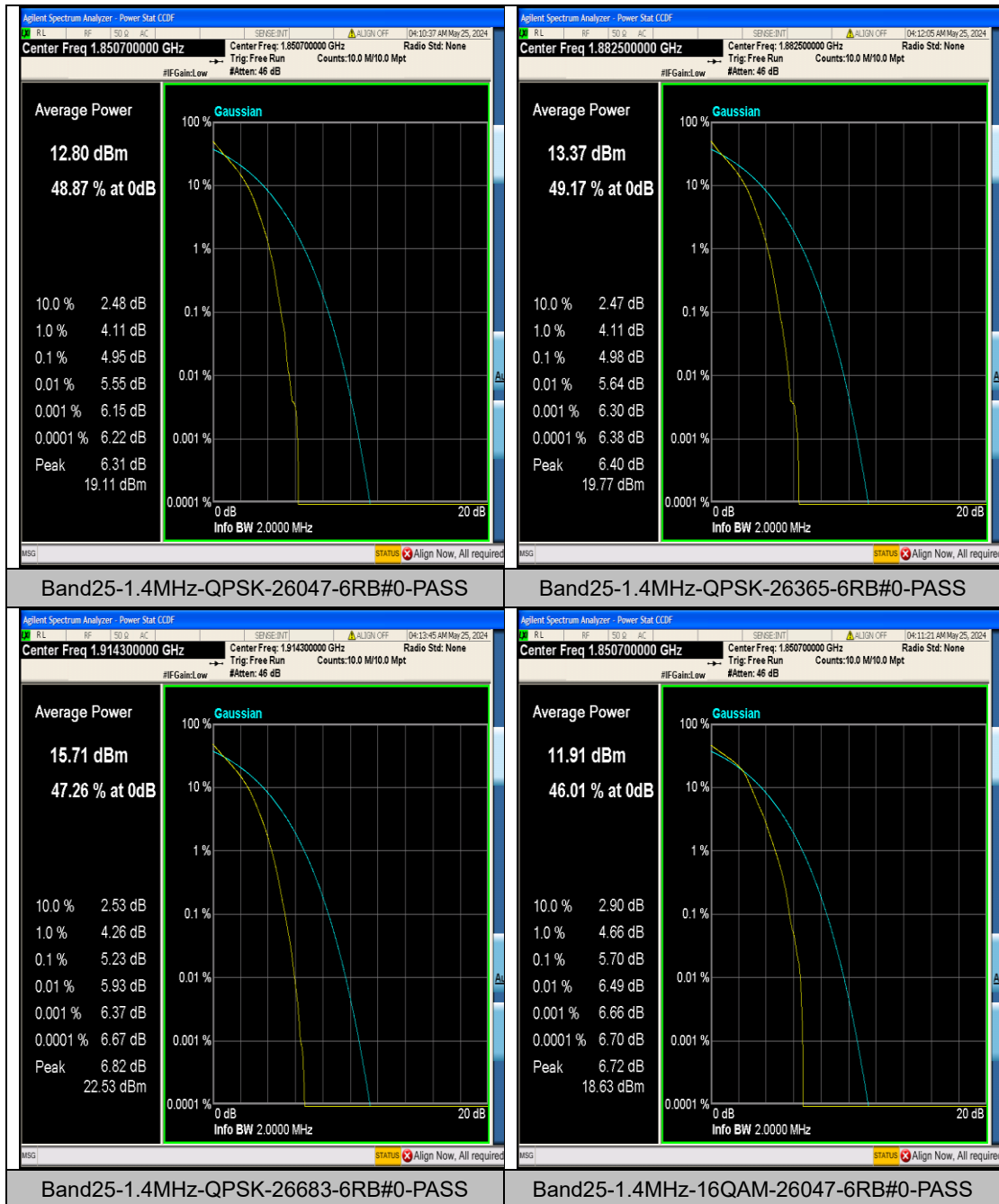
Reviewed By : Eric Wang

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	4.95	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	4.98	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	5.23	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.70	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	5.79	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	6.08	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.27	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.32	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	5.44	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	5.92	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.19	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.16	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.29	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.39	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.46	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	5.91	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.01	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	6.14	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.25	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.42	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.46	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	5.94	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.07	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.17	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.53	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.64	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.75	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.08	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.16	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.26	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.35	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.37	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.47	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.10	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.15	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.24	13	PASS

Test Graphs



















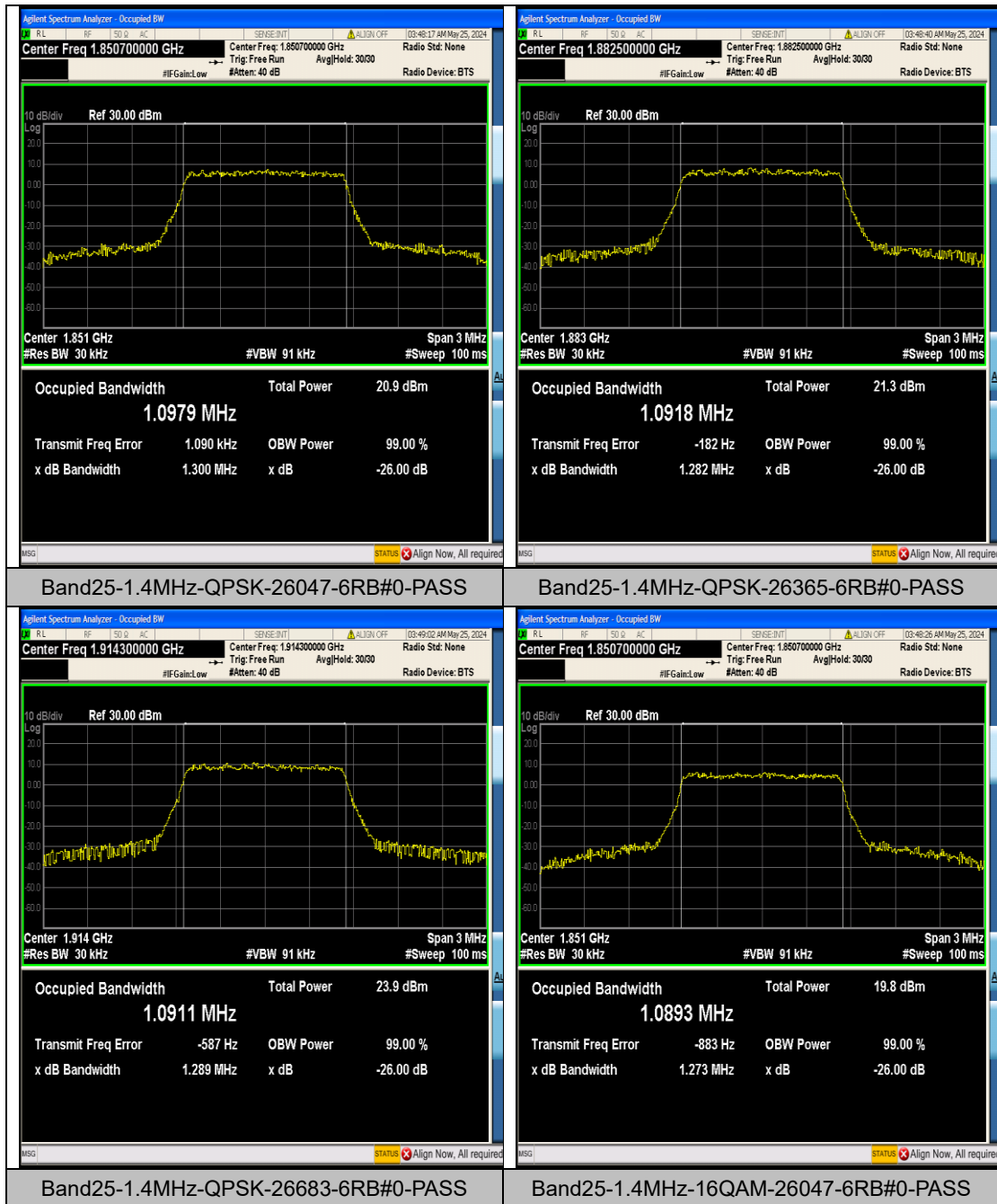
Appendix C: 26dB Bandwidth and Occupied Bandwidth

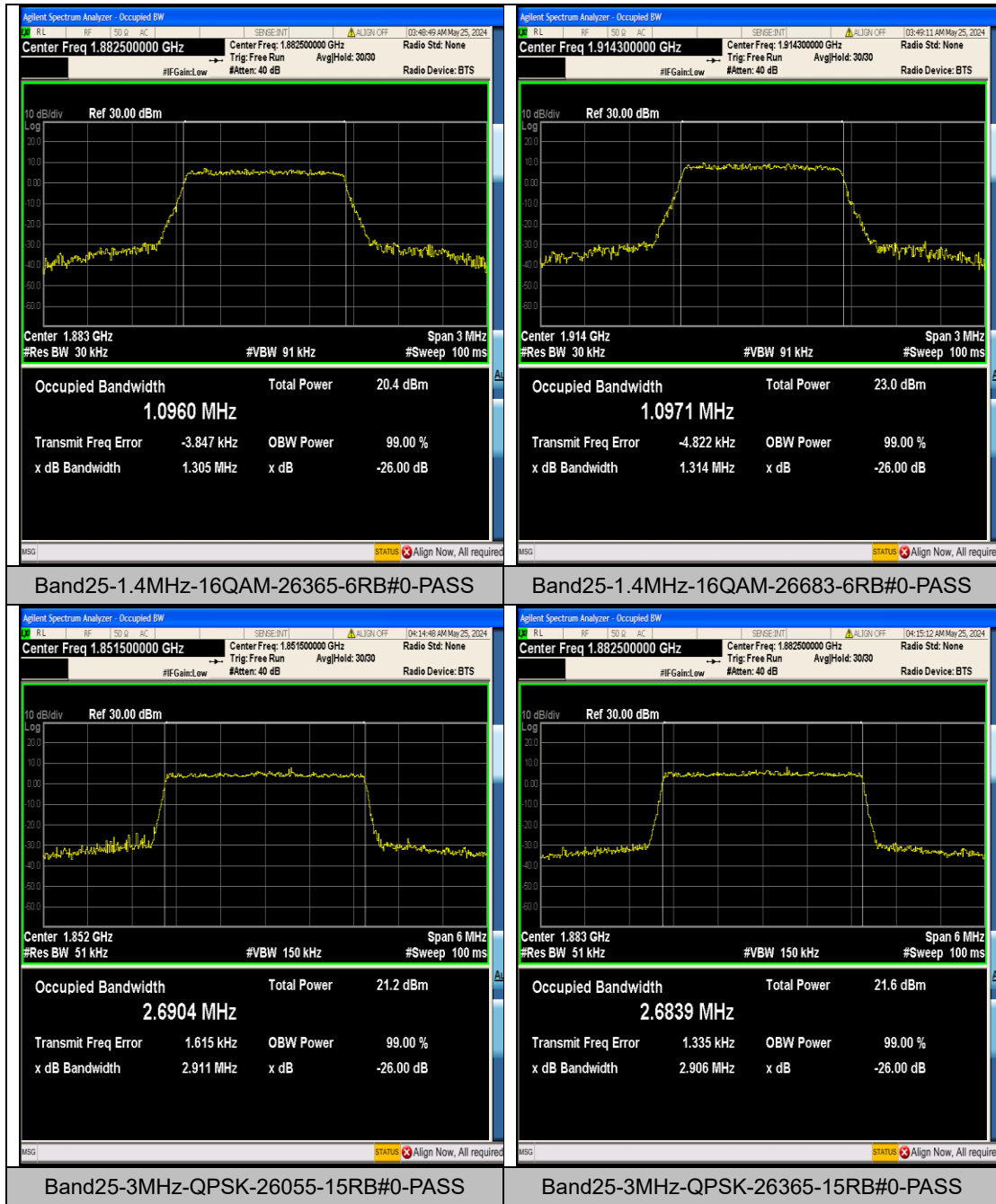
Test Result

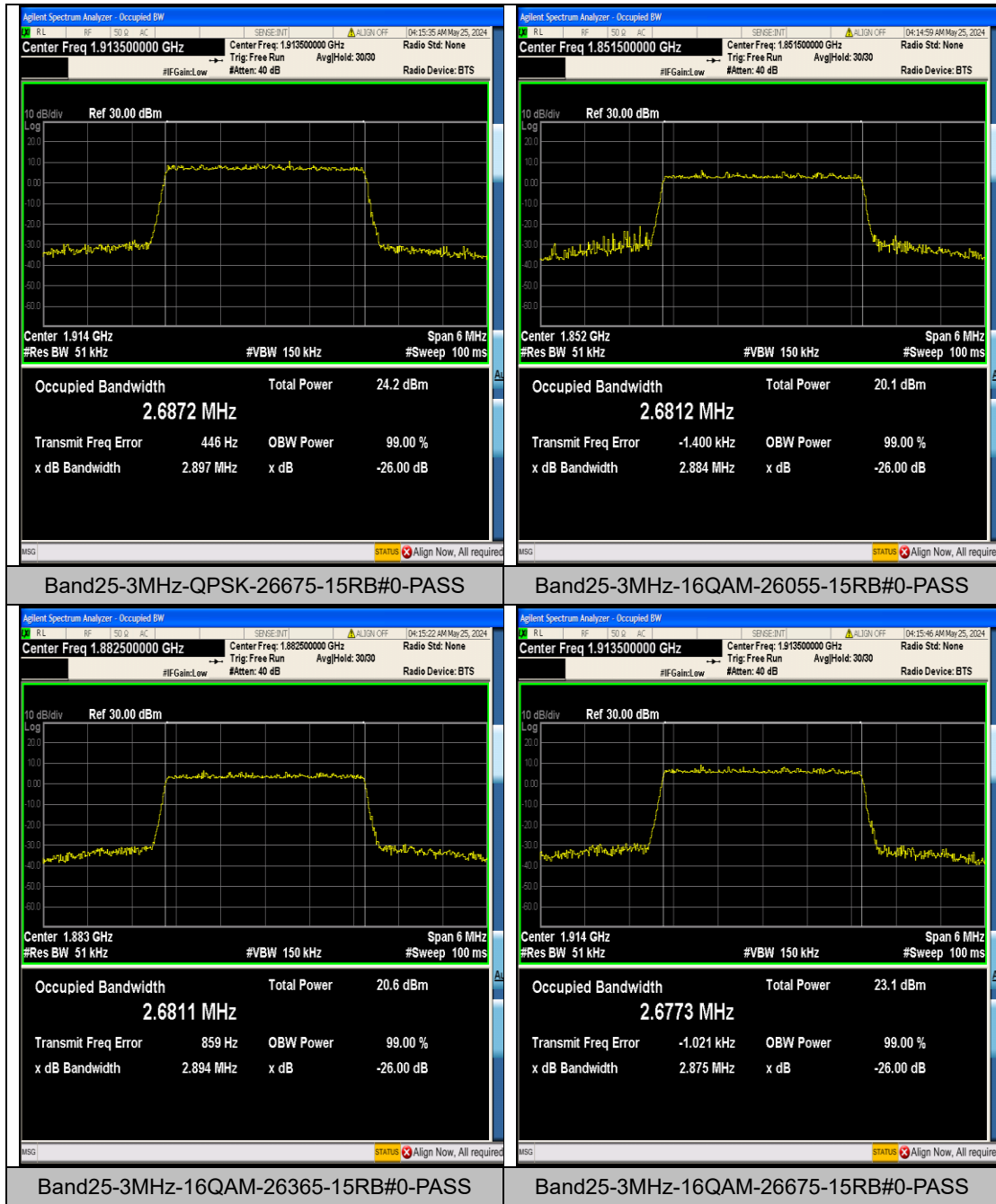
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0979	1.300	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0918	1.282	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0911	1.289	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0893	1.273	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0960	1.305	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0971	1.314	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6904	2.911	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6839	2.906	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6872	2.897	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6812	2.884	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6811	2.894	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6773	2.875	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5225	5.217	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5182	5.187	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5219	5.206	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5210	5.175	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5132	5.137	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5186	5.131	PASS
Band25	10MHz	QPSK	26090	50RB#0	9.0215	10.17	PASS
Band25	10MHz	QPSK	26365	50RB#0	9.0022	10.13	PASS
Band25	10MHz	QPSK	26640	50RB#0	9.0088	10.17	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9997	10.05	PASS
Band25	10MHz	16QAM	26365	50RB#0	9.0033	10.03	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9893	10.00	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.526	15.10	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.524	15.09	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.516	15.79	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.509	15.03	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.498	15.07	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.487	15.11	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.970	19.84	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.992	19.70	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.926	19.67	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.958	19.86	PASS

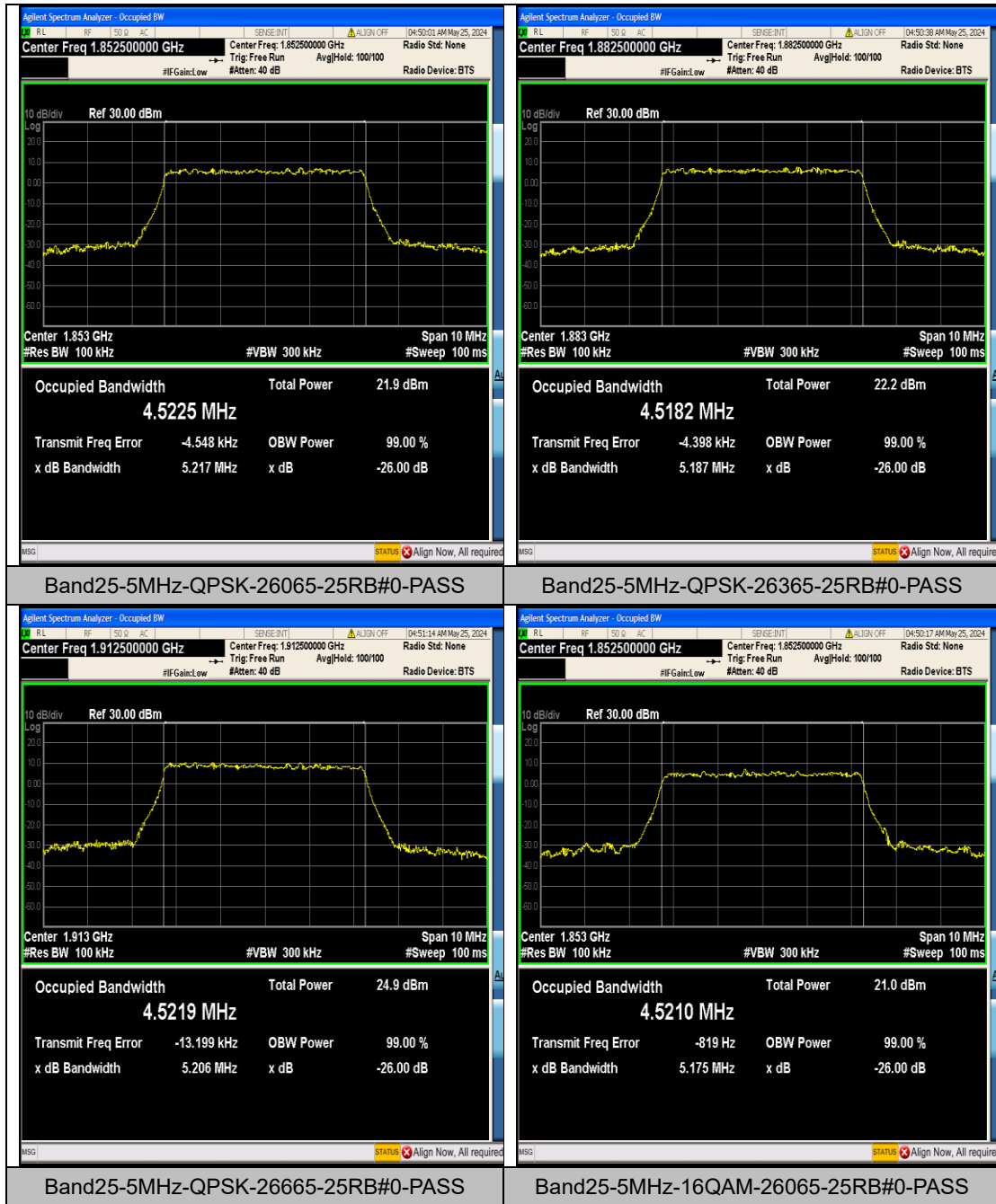
Band25	20MHz	16QAM	26365	100RB#0	17.960	19.82	PASS
Band25	20MHz	16QAM	26590	100RB#0	18.025	19.63	PASS

Test Graphs











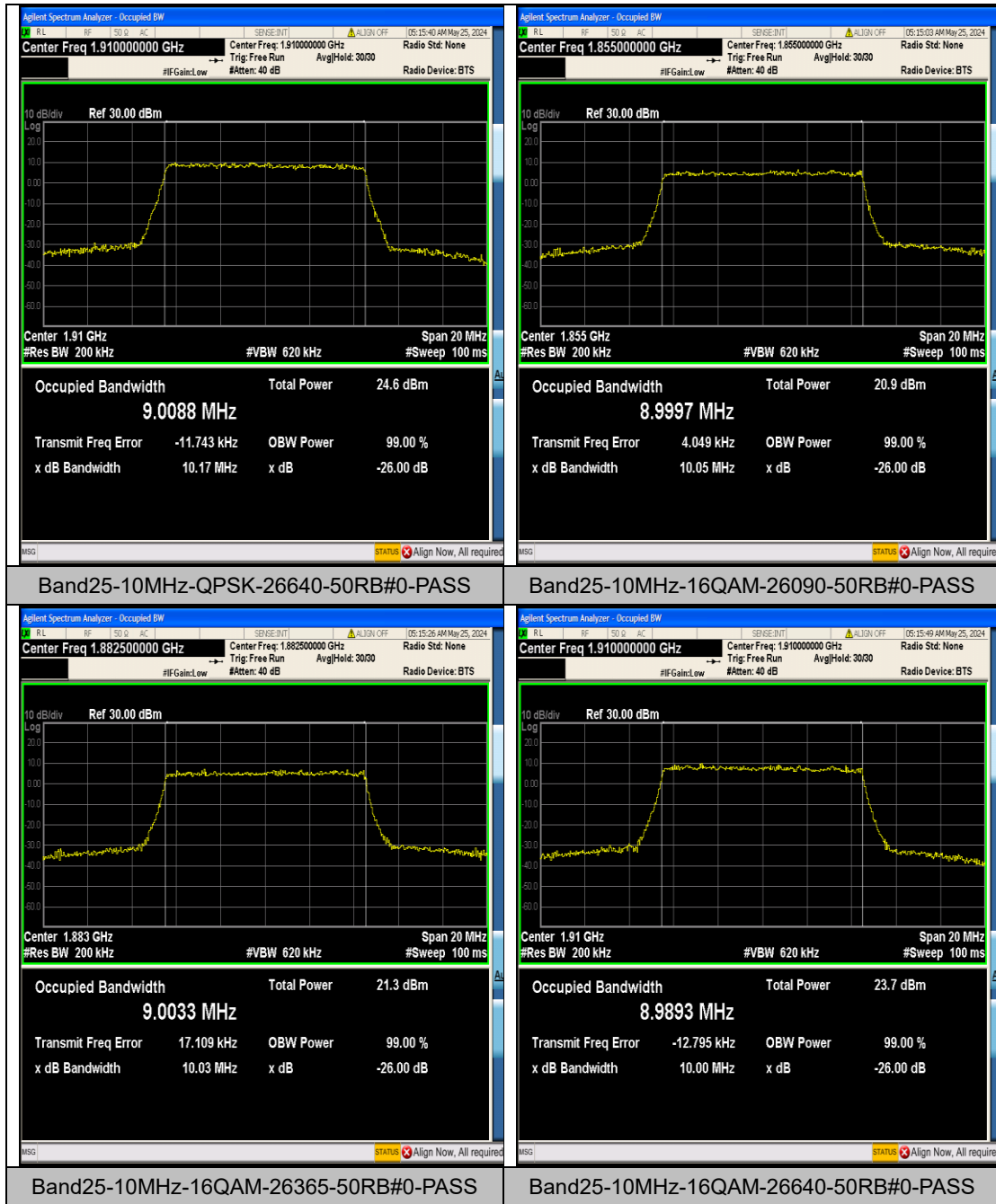
Band25-5MHz-16QAM-26365-25RB#0-PASS

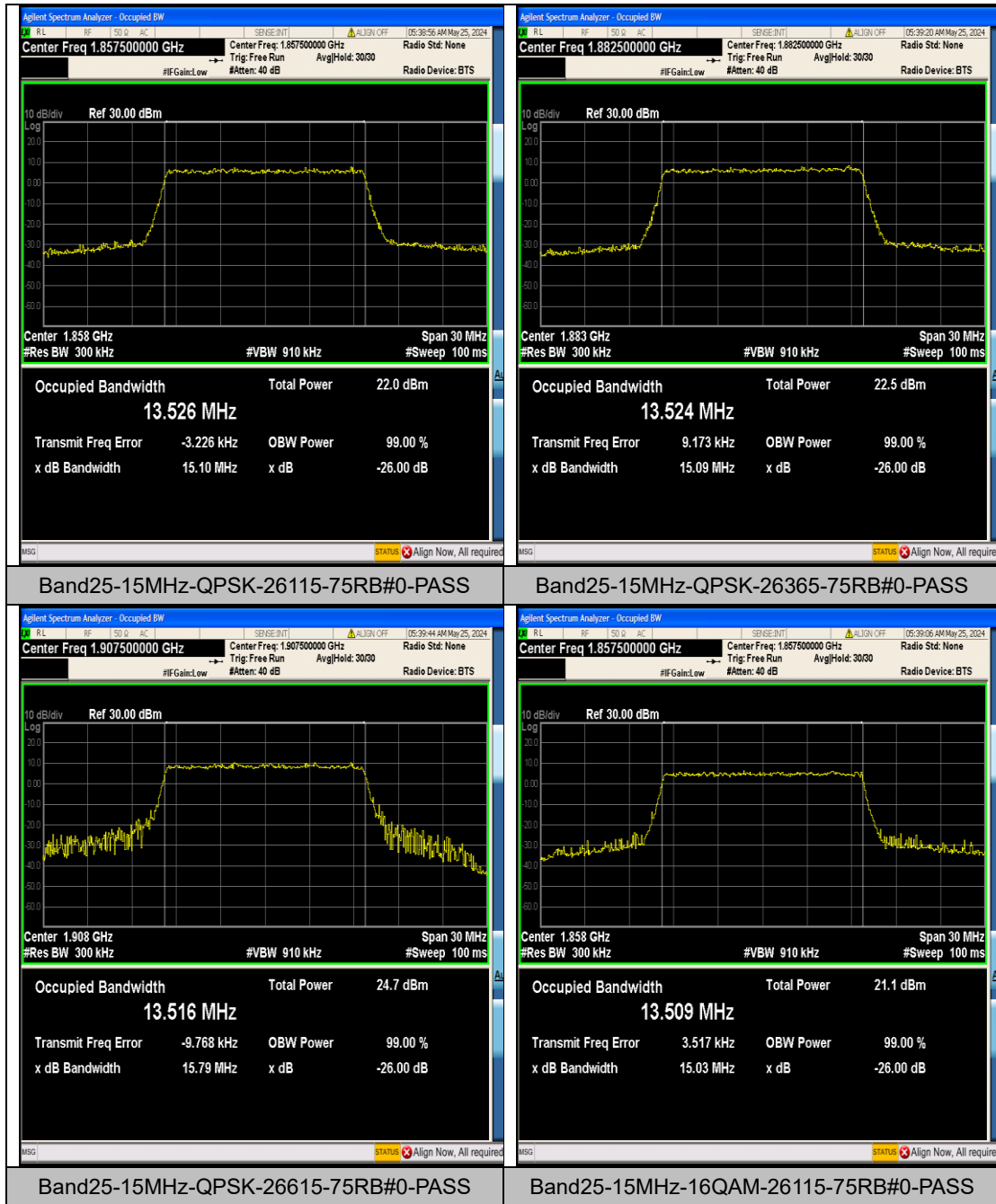
Band25-5MHz-16QAM-26665-25RB#0-PASS

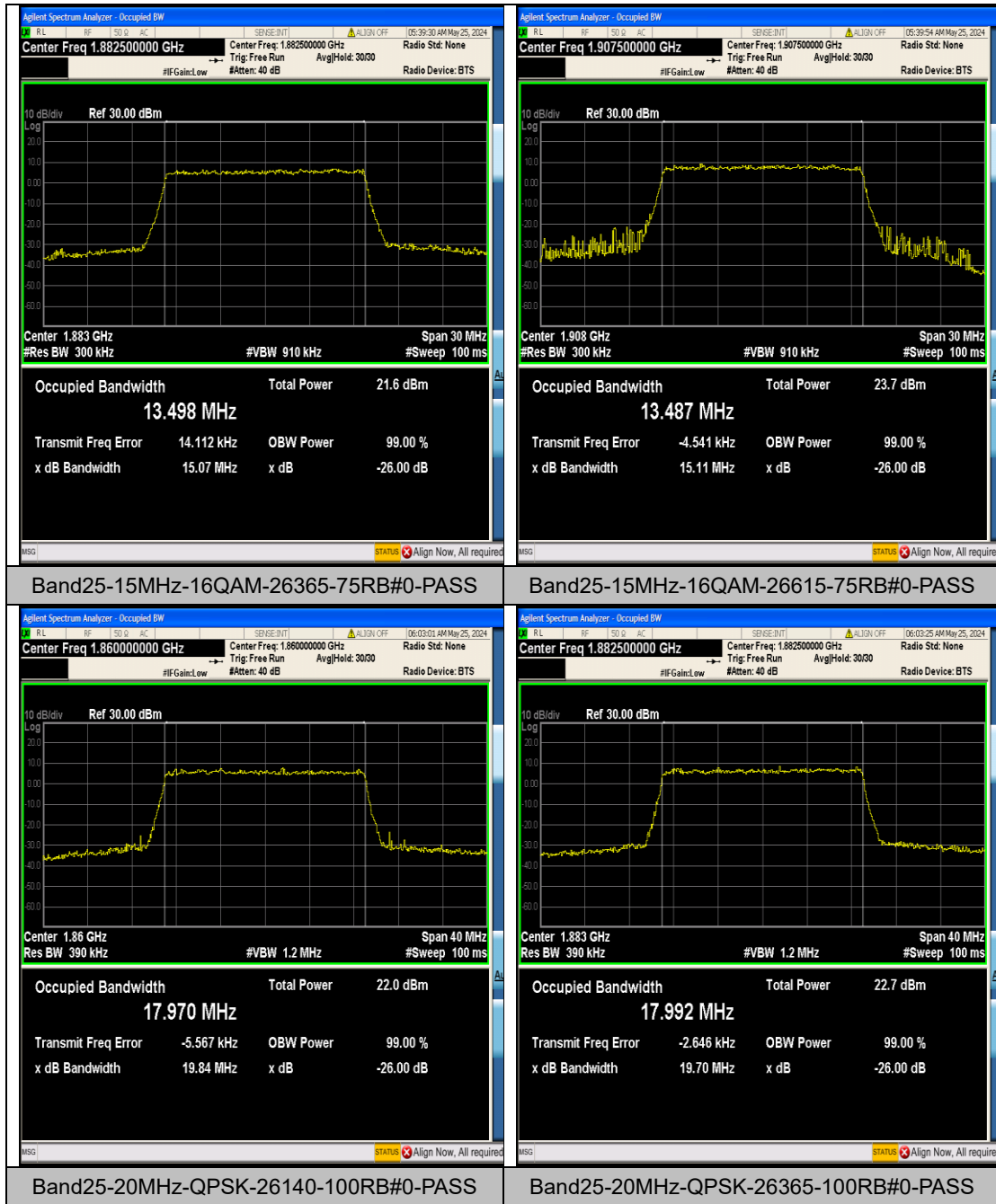


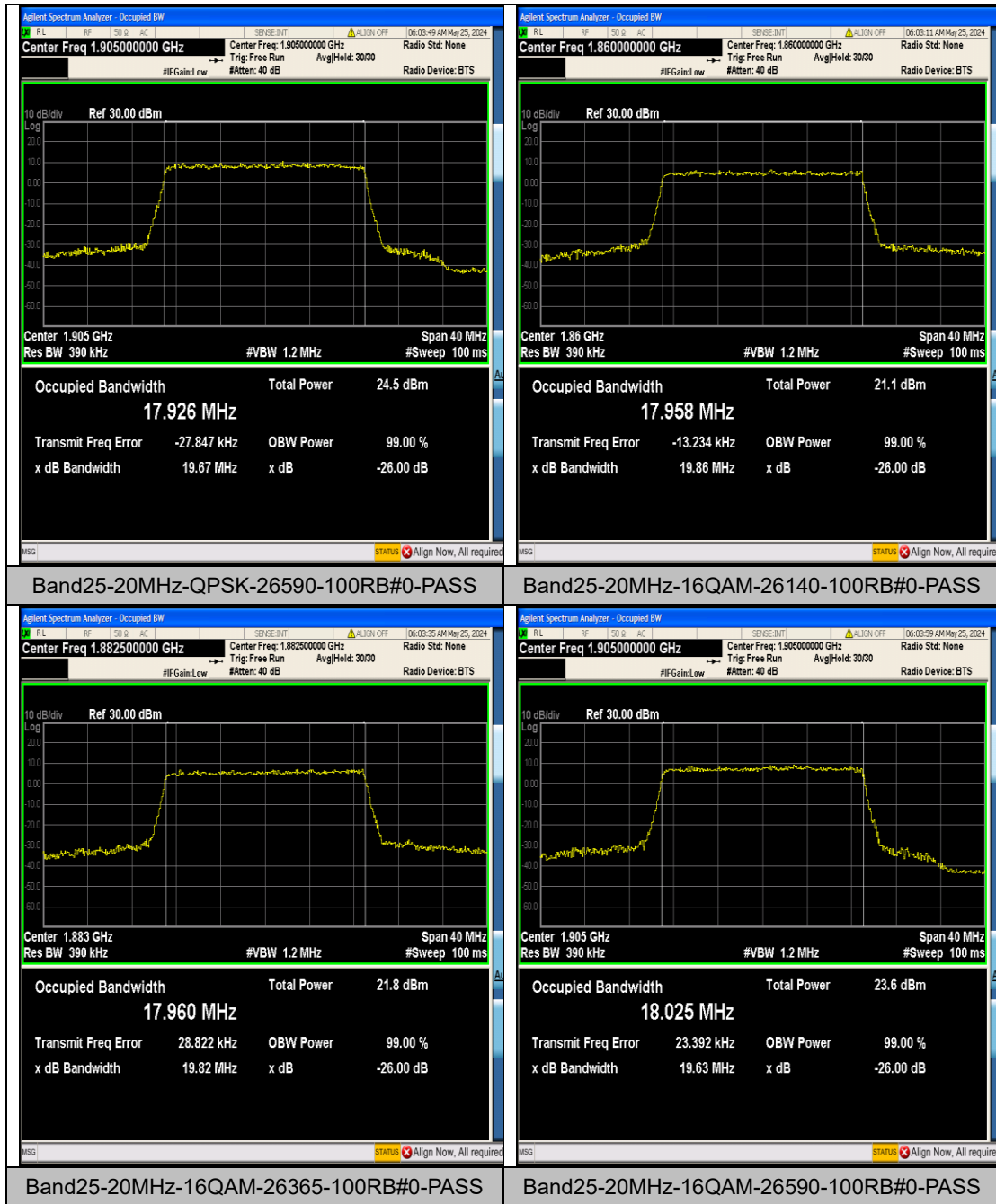
Band25-10MHz-QPSK-26090-50RB#0-PASS

Band25-10MHz-QPSK-26365-50RB#0-PASS







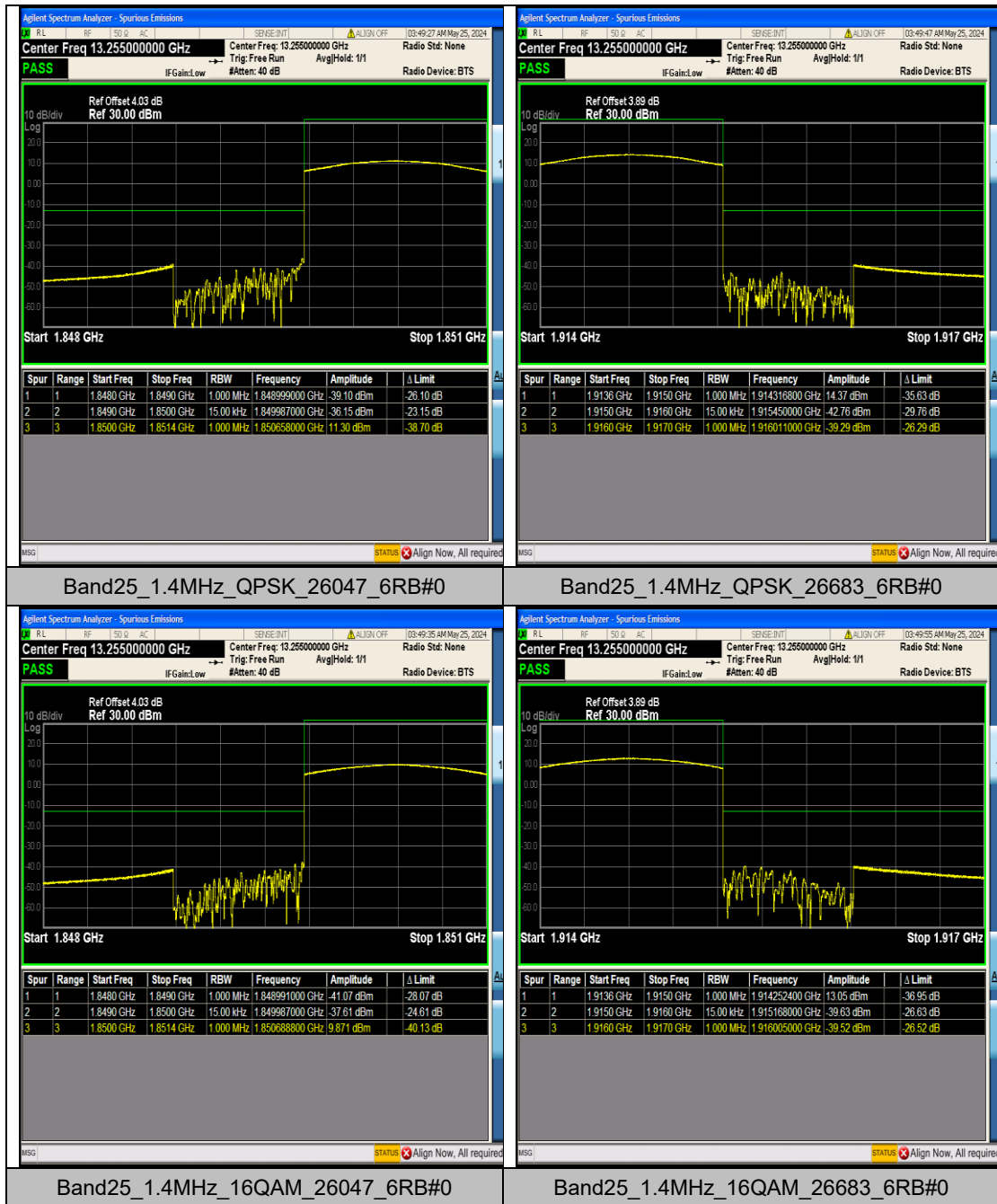


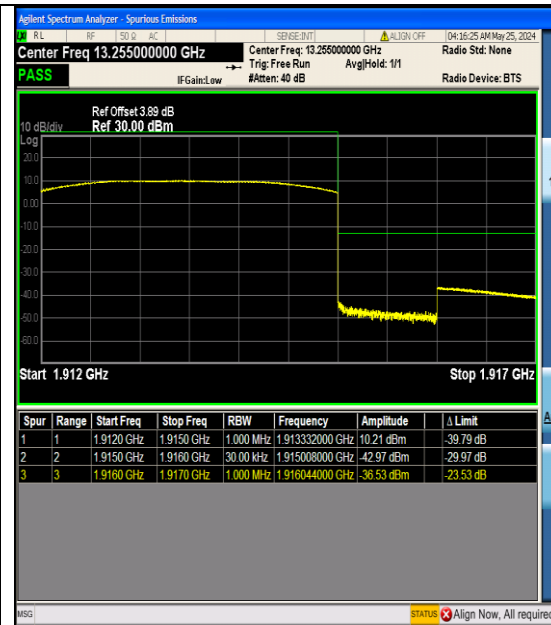
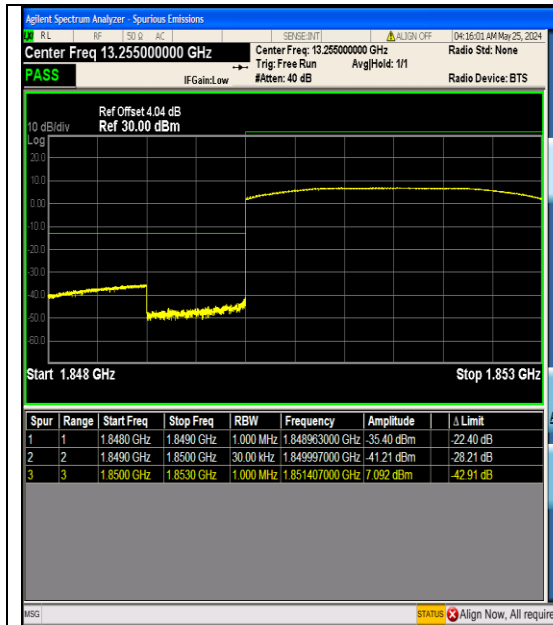
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	-36.15	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-39.29	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-37.61	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-39.52	PASS
Band25	3MHz	QPSK	26055	15RB#0	-35.40	PASS
Band25	3MHz	QPSK	26675	15RB#0	-36.53	PASS
Band25	3MHz	16QAM	26055	15RB#0	-37.20	PASS
Band25	3MHz	16QAM	26675	15RB#0	-38.02	PASS
Band25	5MHz	QPSK	26065	25RB#0	-36.13	PASS
Band25	5MHz	QPSK	26665	25RB#0	-37.23	PASS
Band25	5MHz	16QAM	26065	25RB#0	-37.57	PASS
Band25	5MHz	16QAM	26665	25RB#0	-38.13	PASS
Band25	10MHz	QPSK	26090	50RB#0	-37.12	PASS
Band25	10MHz	QPSK	26640	50RB#0	-39.23	PASS
Band25	10MHz	16QAM	26090	50RB#0	-39.16	PASS
Band25	10MHz	16QAM	26640	50RB#0	-40.27	PASS
Band25	15MHz	QPSK	26115	75RB#0	-37.21	PASS
Band25	15MHz	QPSK	26615	75RB#0	-40.43	PASS
Band25	15MHz	16QAM	26115	75RB#0	-39.66	PASS
Band25	15MHz	16QAM	26615	75RB#0	-41.28	PASS
Band25	20MHz	QPSK	26140	100RB#0	-41.18	PASS
Band25	20MHz	QPSK	26590	100RB#0	-42.36	PASS
Band25	20MHz	16QAM	26140	100RB#0	-42.68	PASS
Band25	20MHz	16QAM	26590	100RB#0	-43.06	PASS

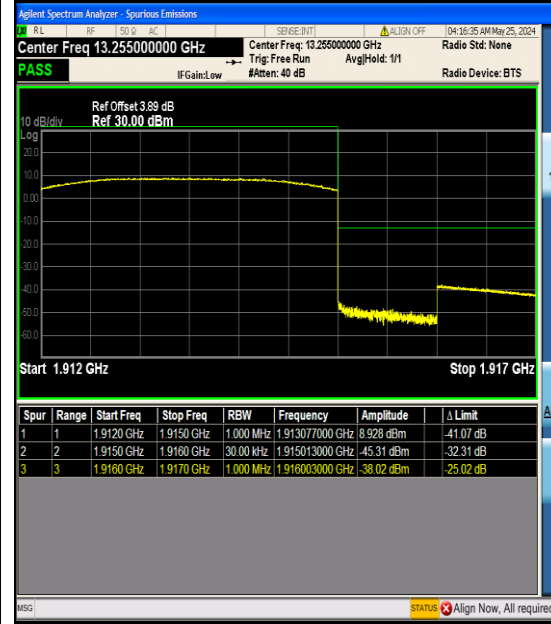
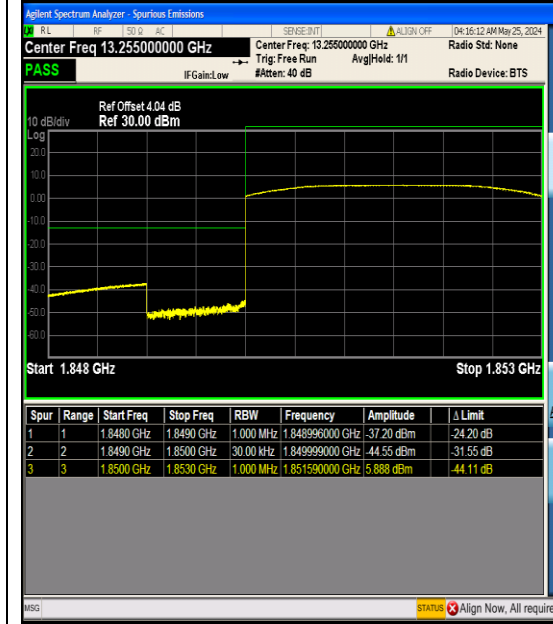
Test Graphs





Band25_3MHz_QPSK_26055_15RB#0

Band25_3MHz_QPSK_26675_15RB#0



Band25_3MHz_16QAM_26055_15RB#0

Band25_3MHz_16QAM_26675_15RB#0