

FCC LTE Band Test Data

FCC ID : 2BF4O-CC4PRO

Company: : Shenzhen TEYES High tech Co., Ltd.

EUT : Car Headunit

Model Number : CC4PRO

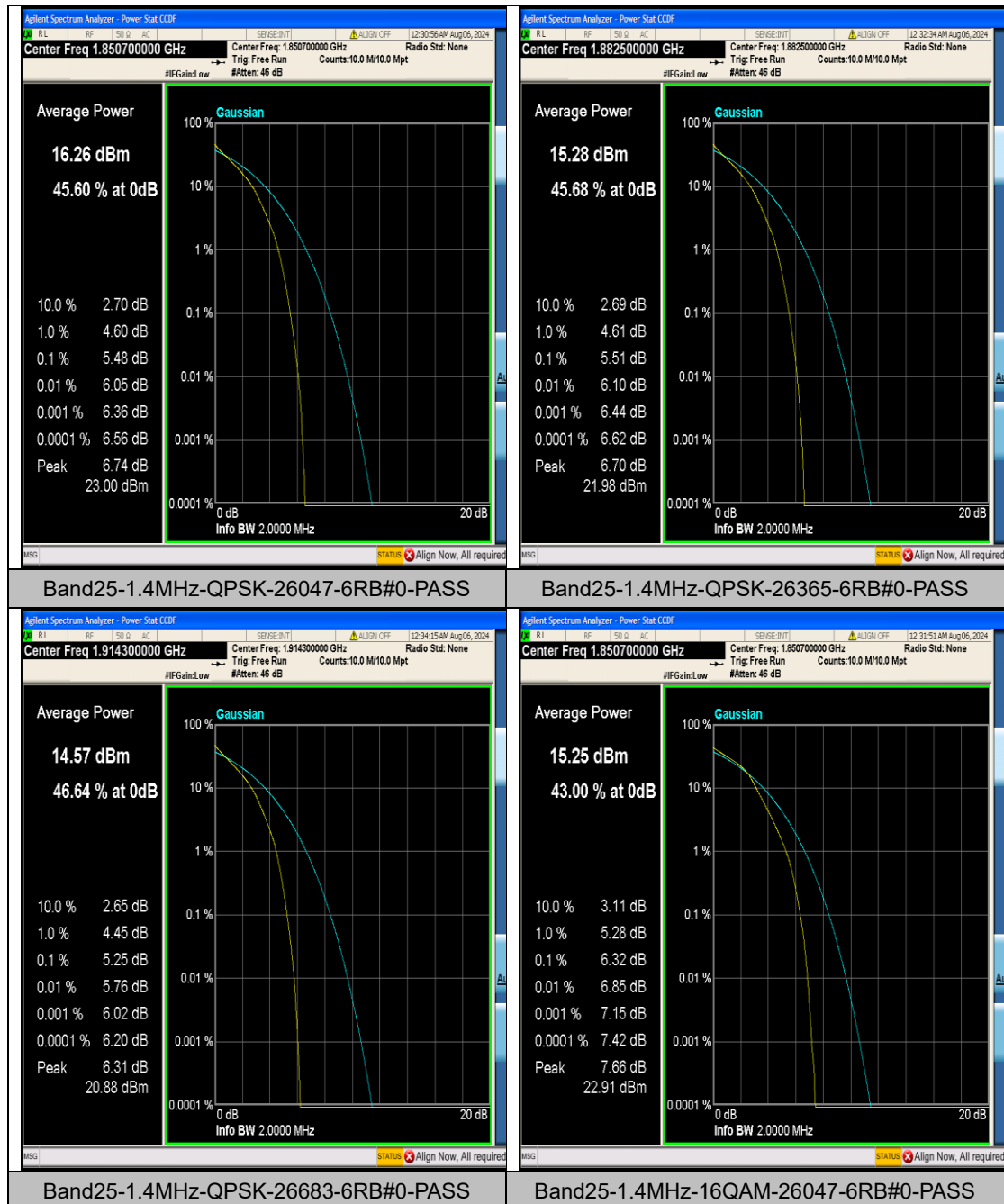
Reviewed By : Eric Wang

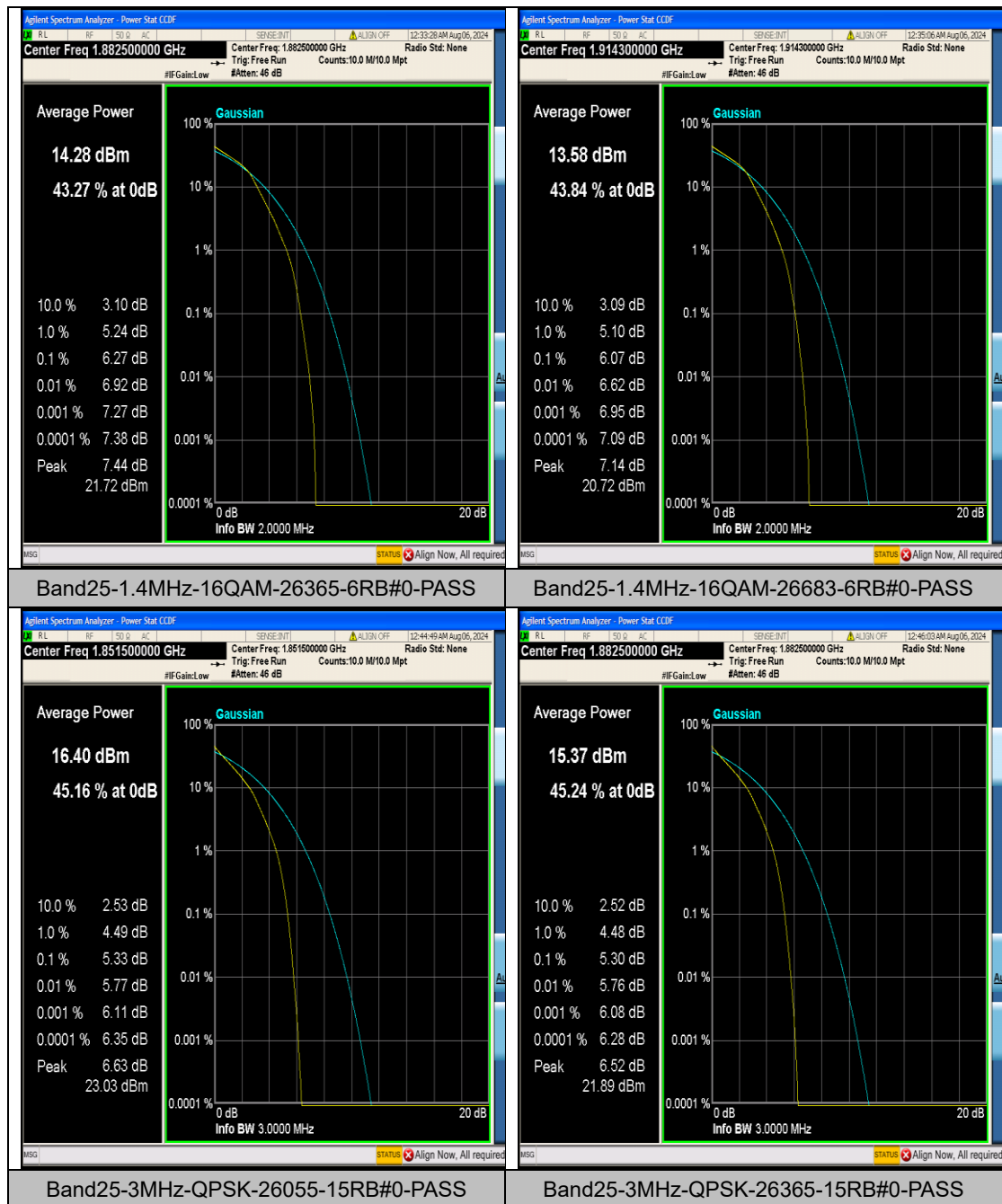
Appendix B: Peak-to-Average Ratio(CCDF)

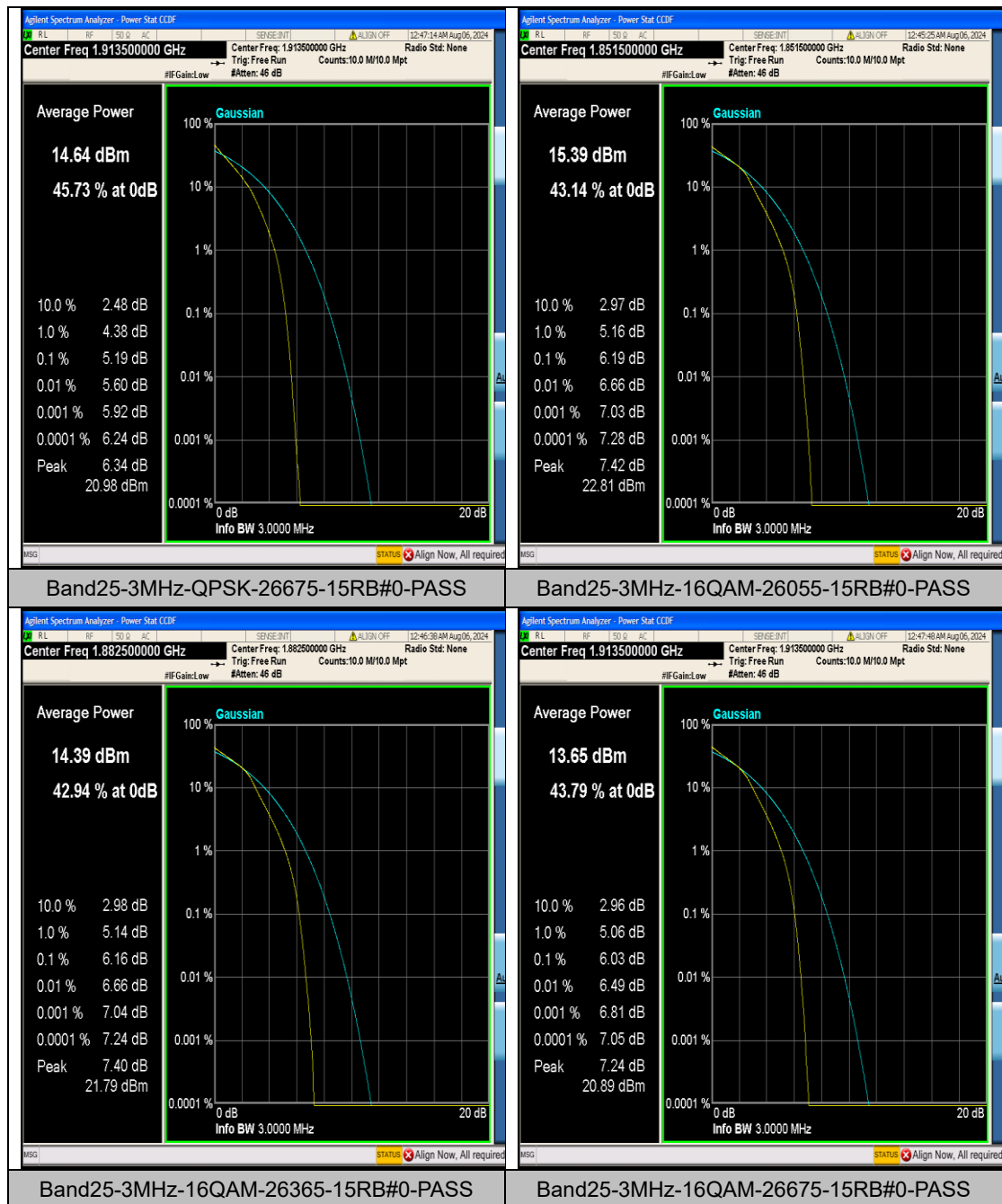
Test Result

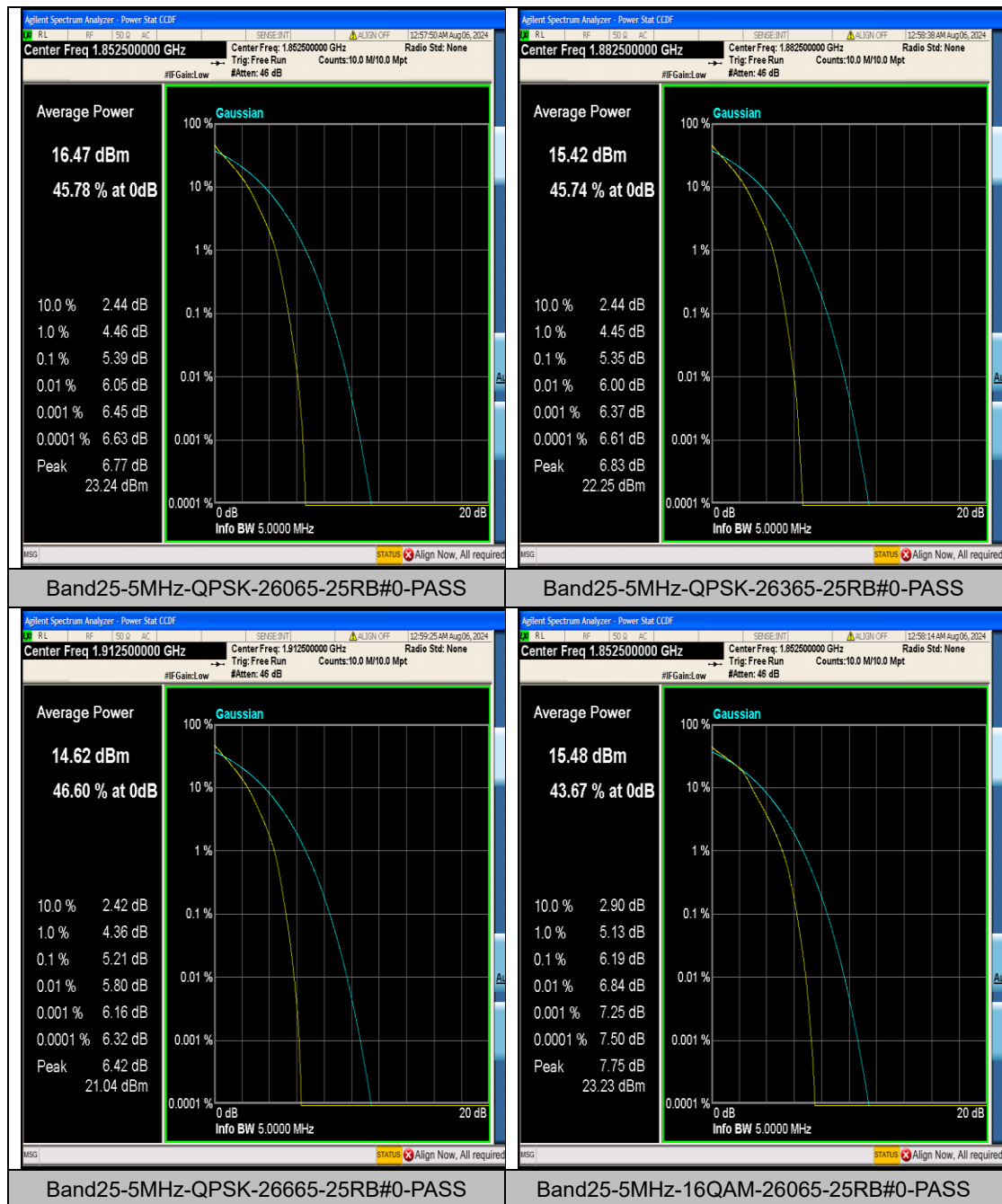
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	5.48	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.51	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	5.25	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	6.32	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	6.27	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	6.07	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.33	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.30	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	5.19	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	6.19	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.16	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.03	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.39	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.35	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.21	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	6.19	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.15	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	6.03	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.38	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.33	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.25	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	6.18	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.14	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.08	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.58	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.51	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.53	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.24	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.22	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.23	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.31	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.30	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.47	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.13	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.12	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.24	13	PASS

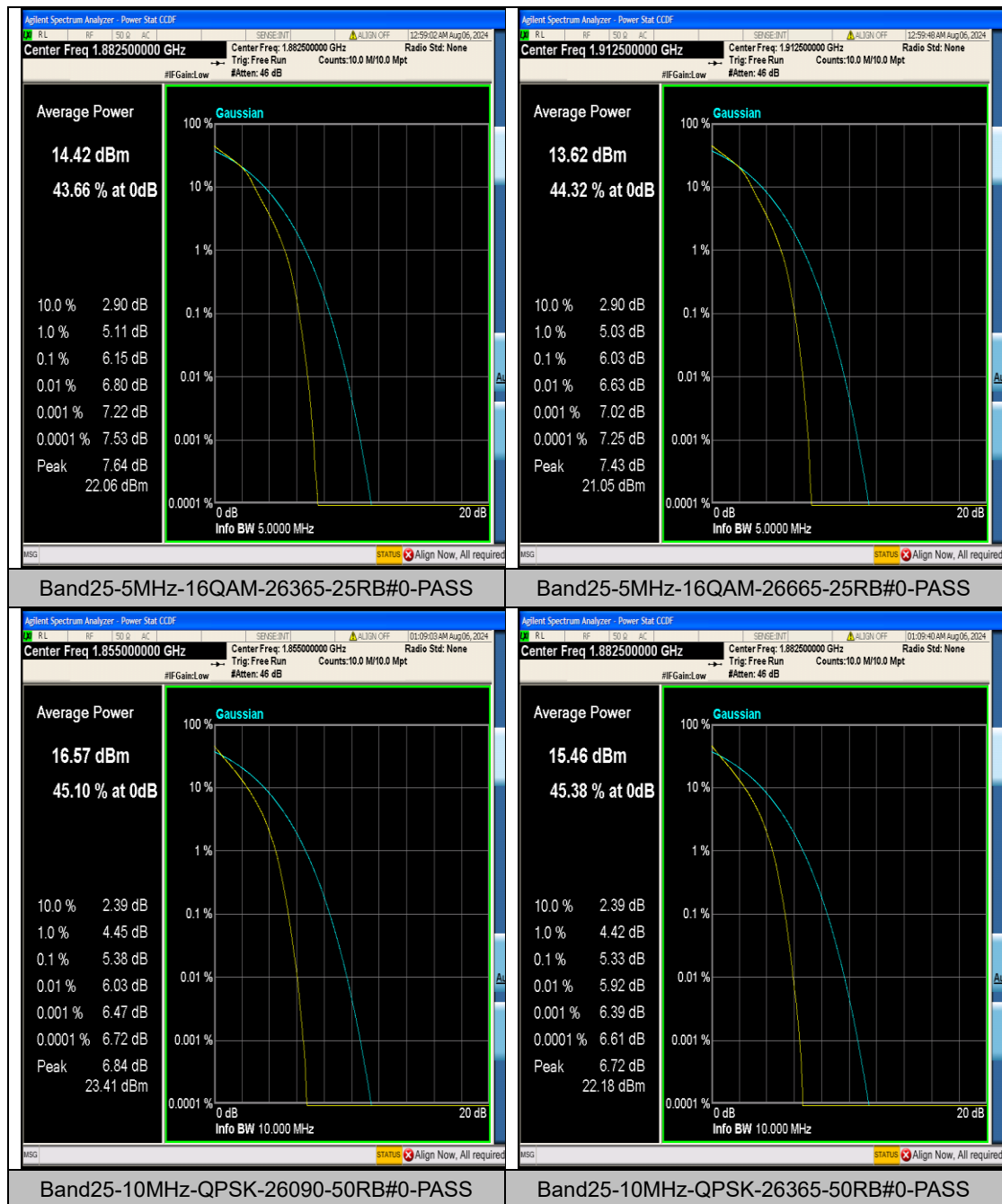
Test Graphs

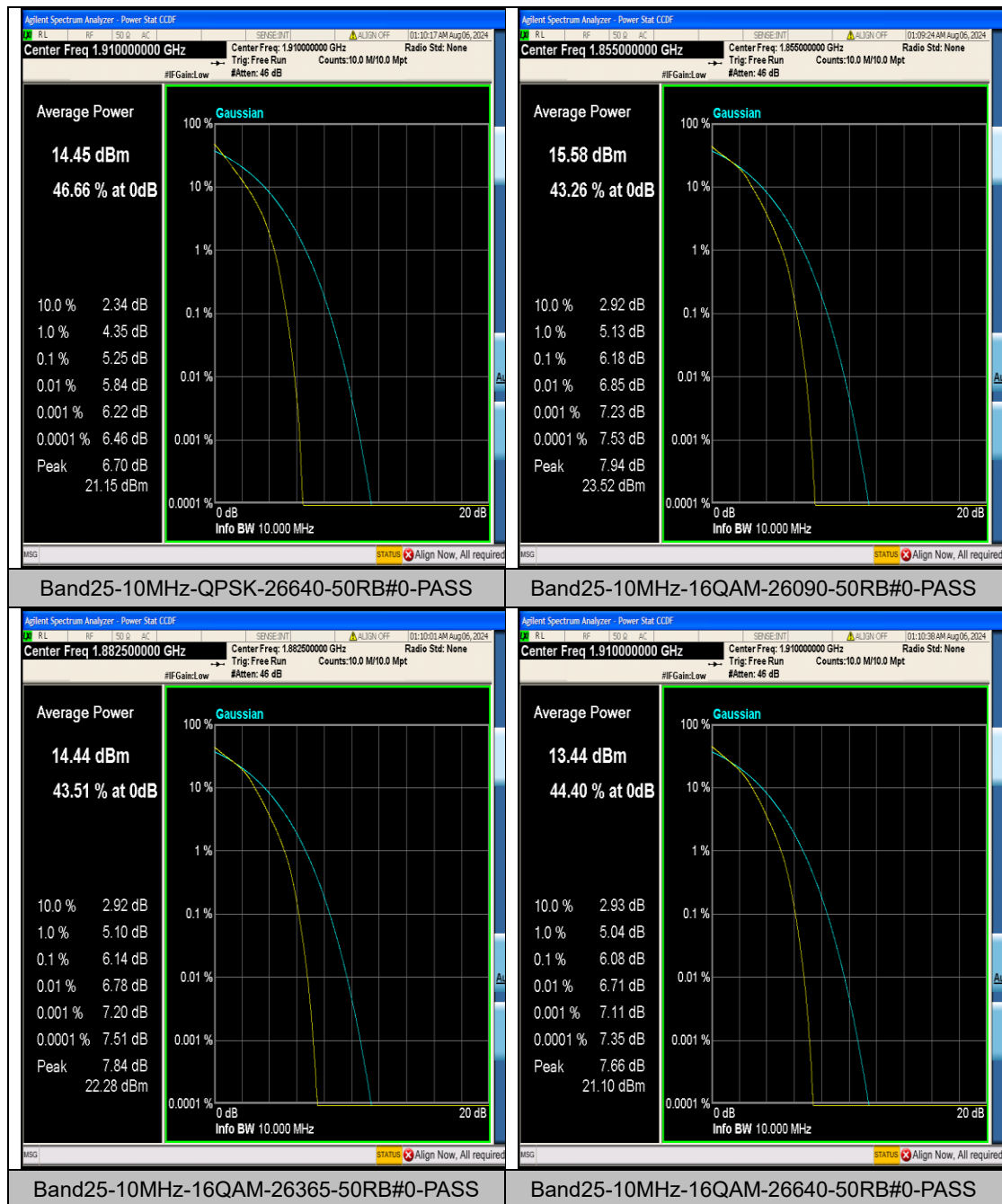


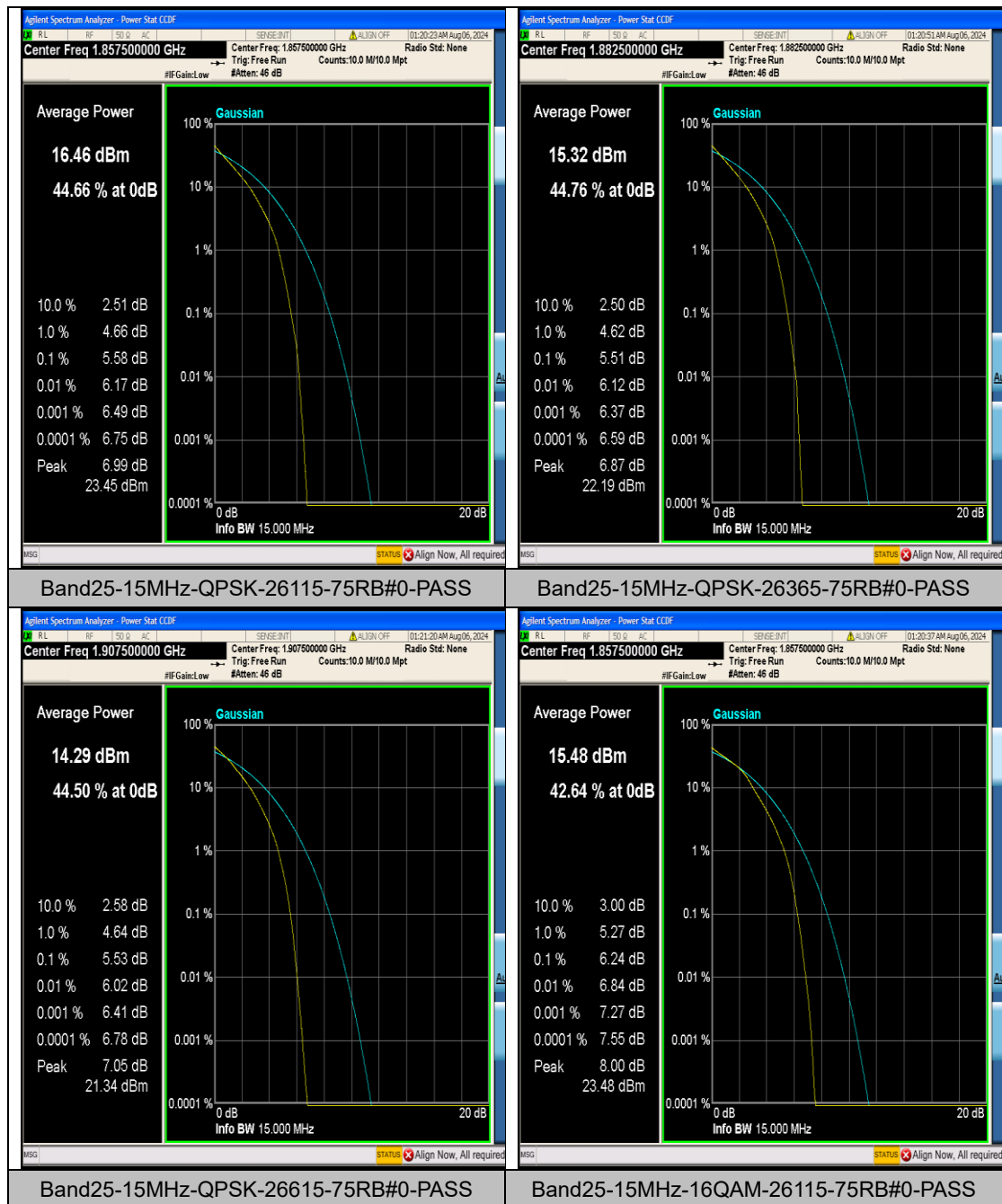


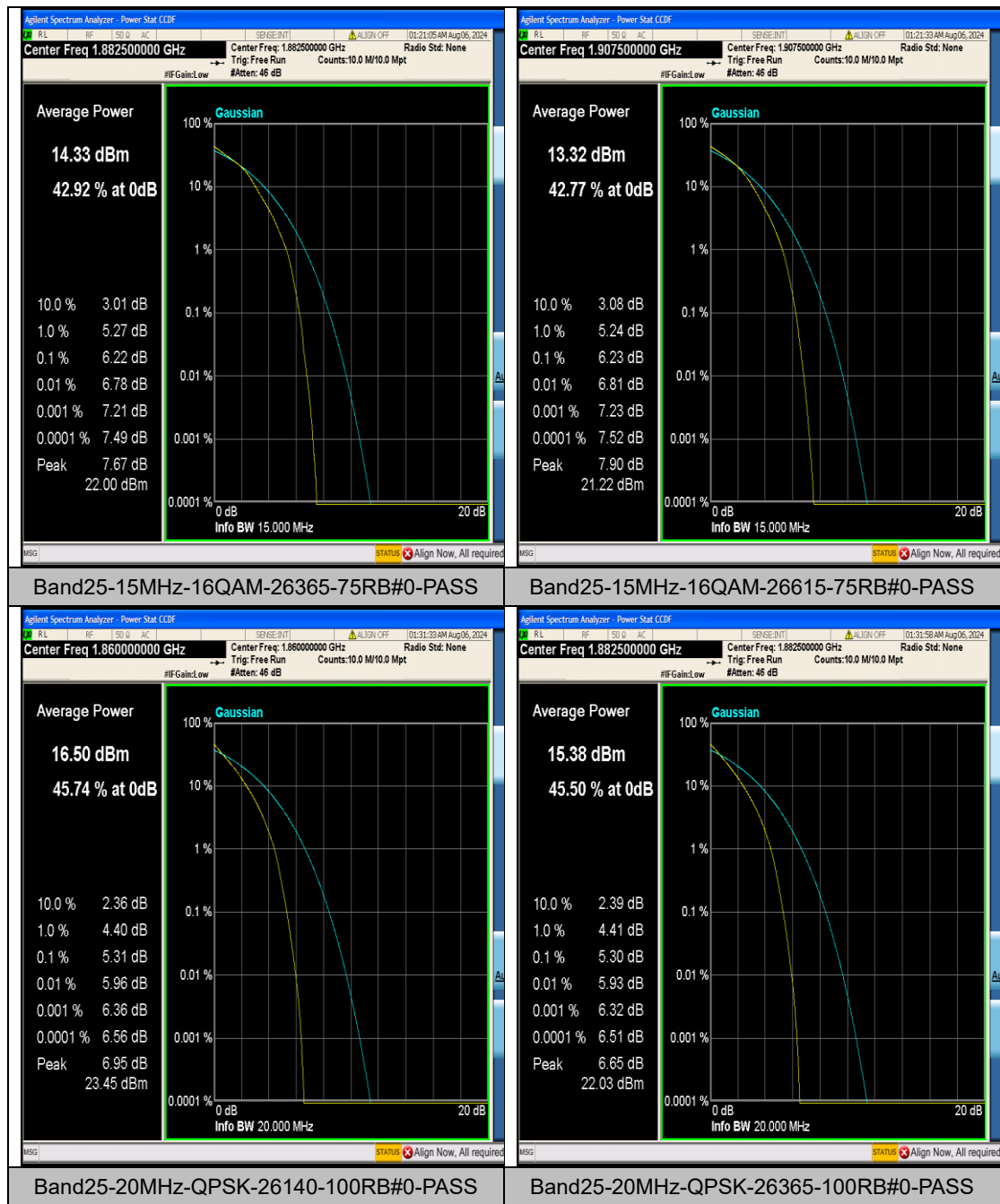


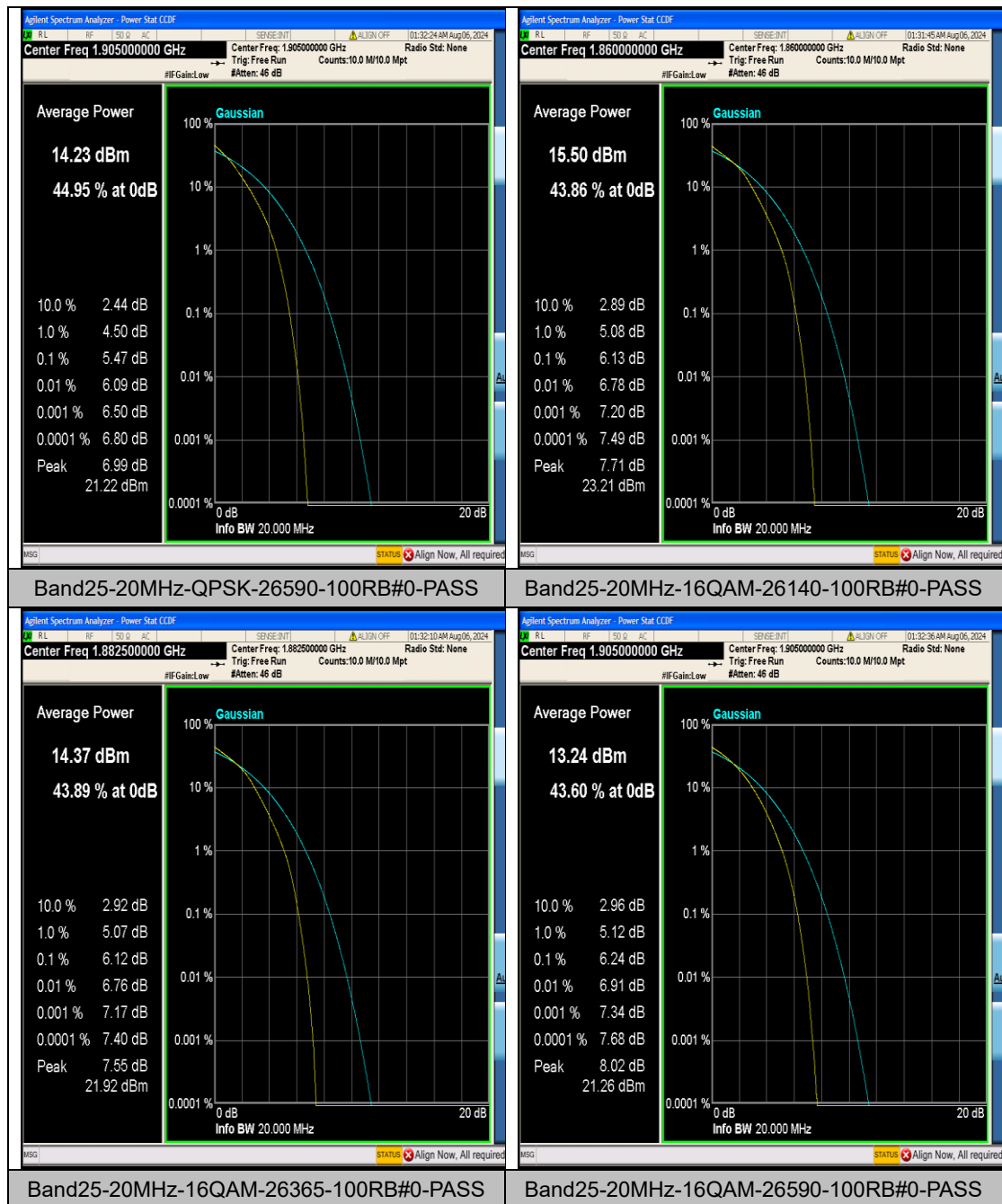












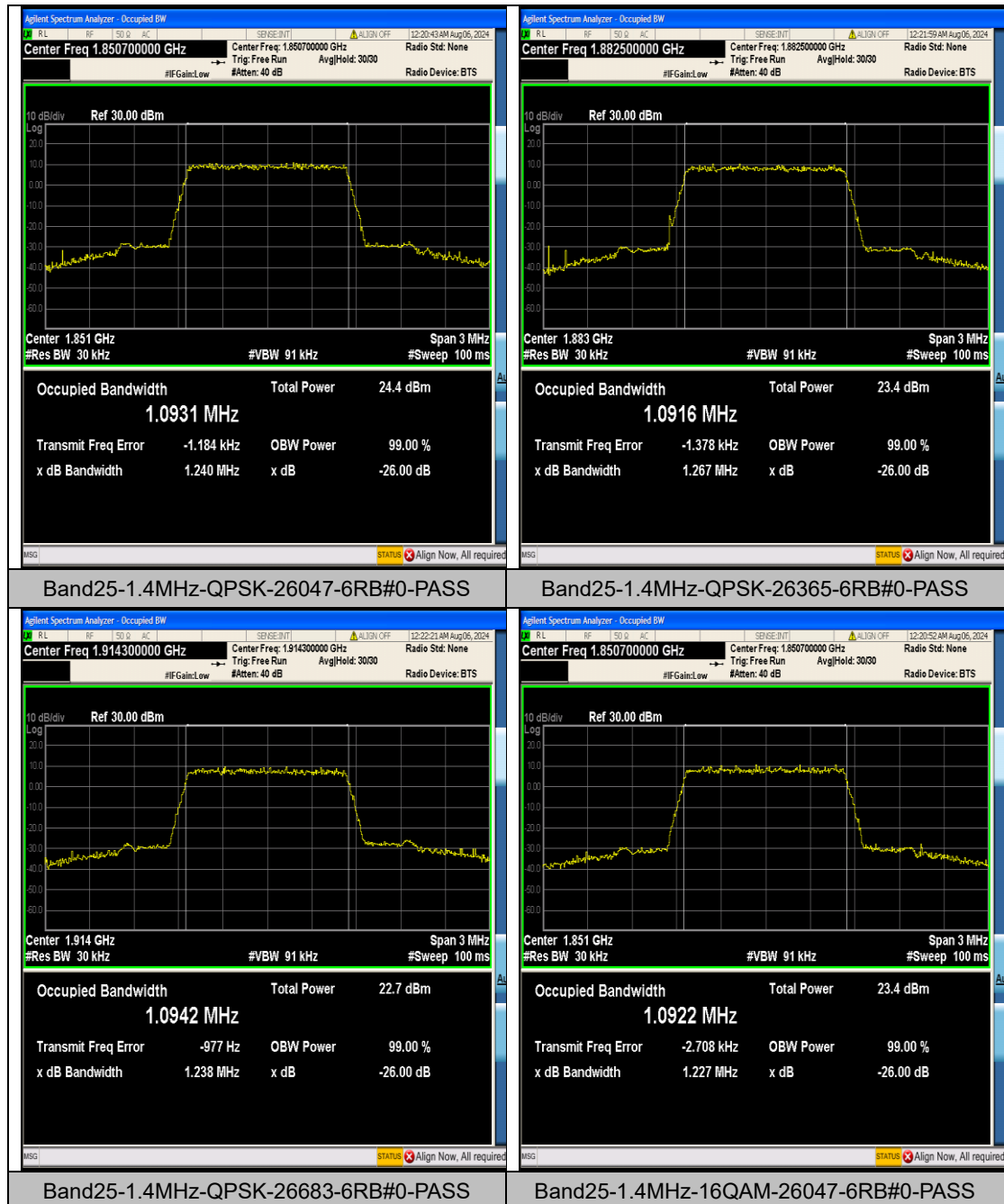
Appendix C: 26dB Bandwidth and Occupied Bandwidth

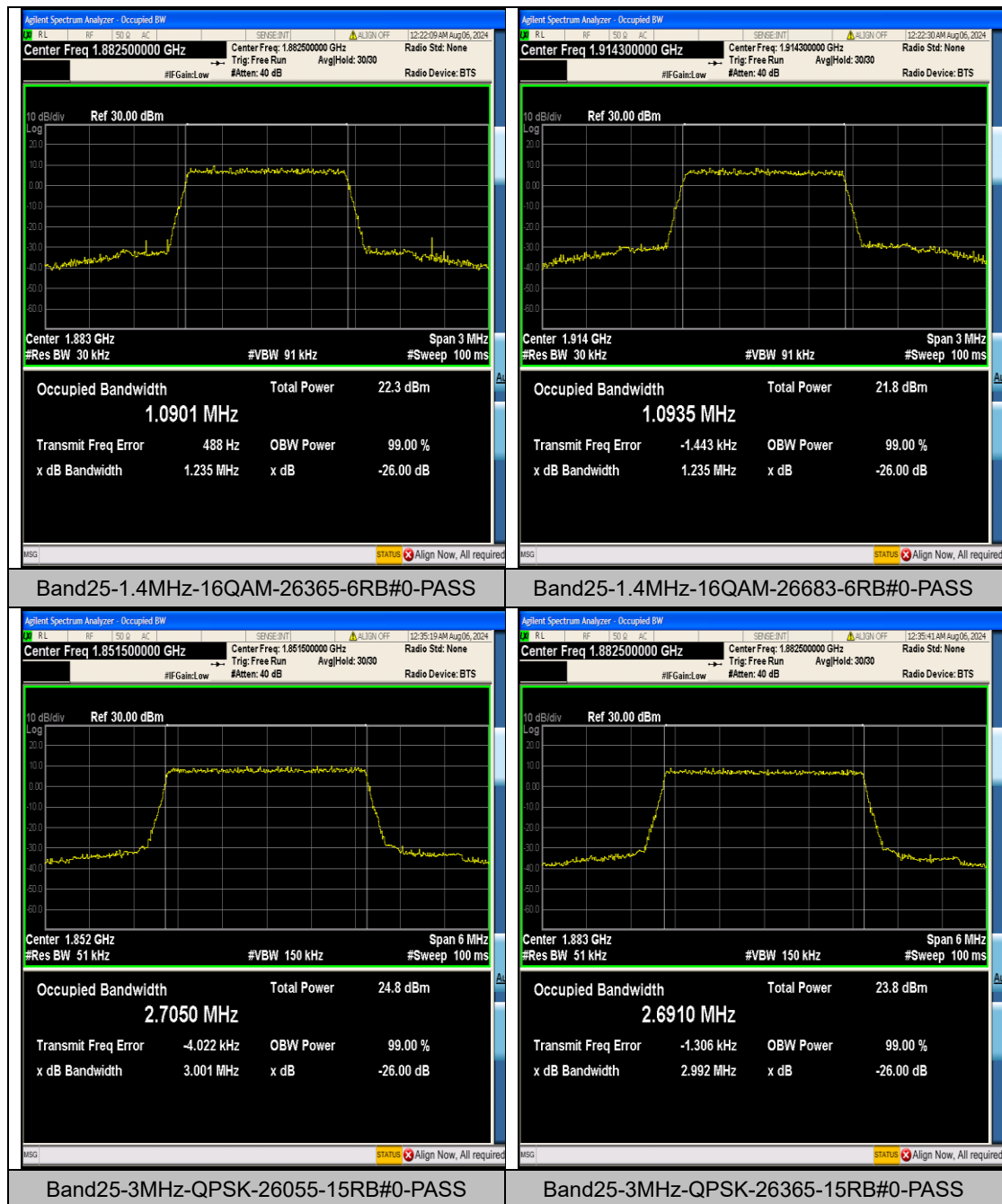
Test Result

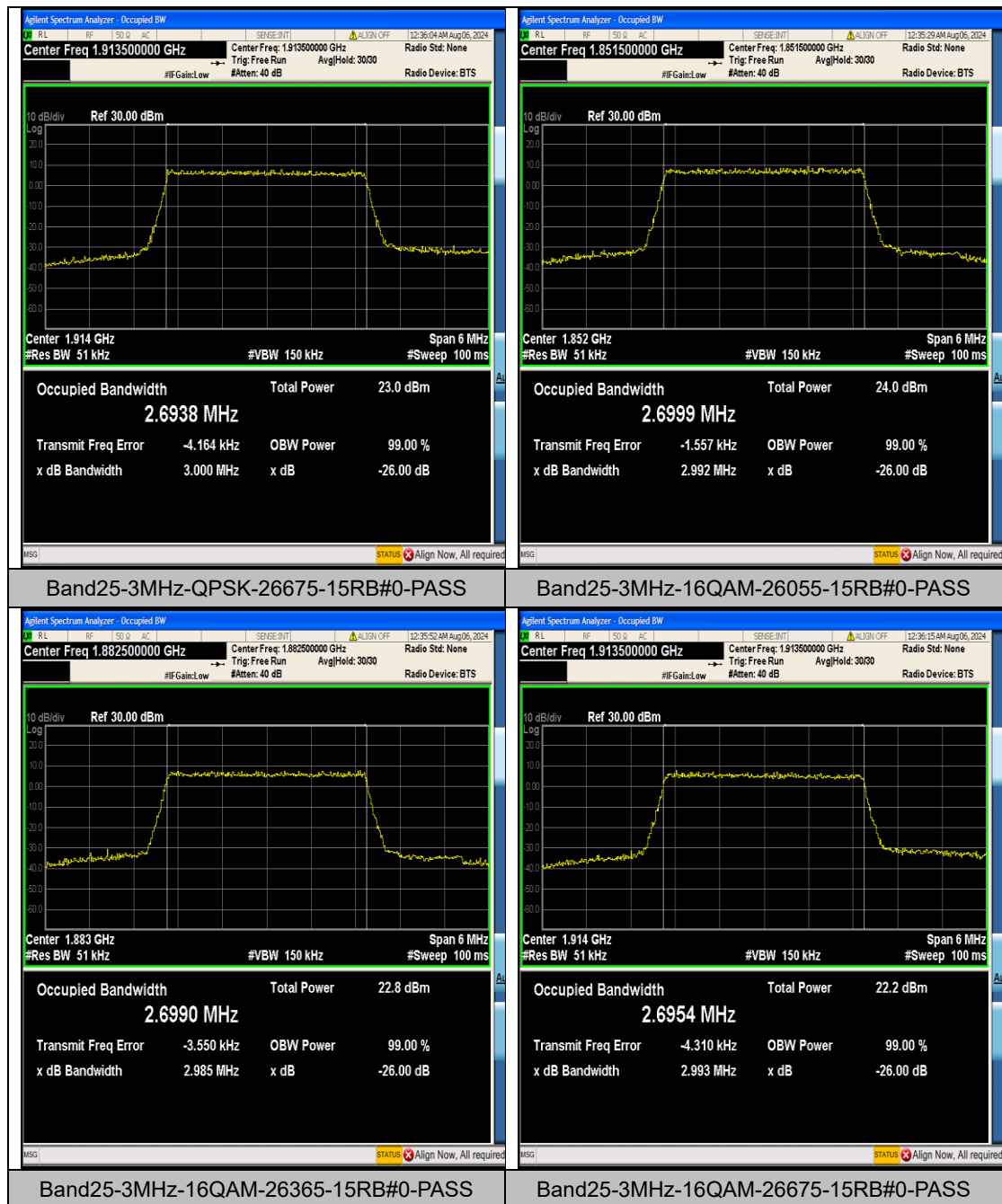
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0931	1.240	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0916	1.267	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0942	1.238	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0922	1.227	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0901	1.235	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0935	1.235	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.7050	3.001	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6910	2.992	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6938	3.000	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6999	2.992	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6990	2.985	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6954	2.993	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5210	4.976	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5145	4.996	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5042	4.968	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5042	4.954	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5048	4.963	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5067	4.959	PASS
Band25	10MHz	QPSK	26090	50RB#0	9.0002	9.858	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9988	9.834	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9617	9.854	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9985	9.825	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9948	9.792	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9805	9.815	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.488	14.66	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.498	14.64	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.511	14.76	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.481	14.68	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.473	14.69	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.470	14.72	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.938	19.63	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.952	19.58	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.953	19.55	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.937	19.53	PASS

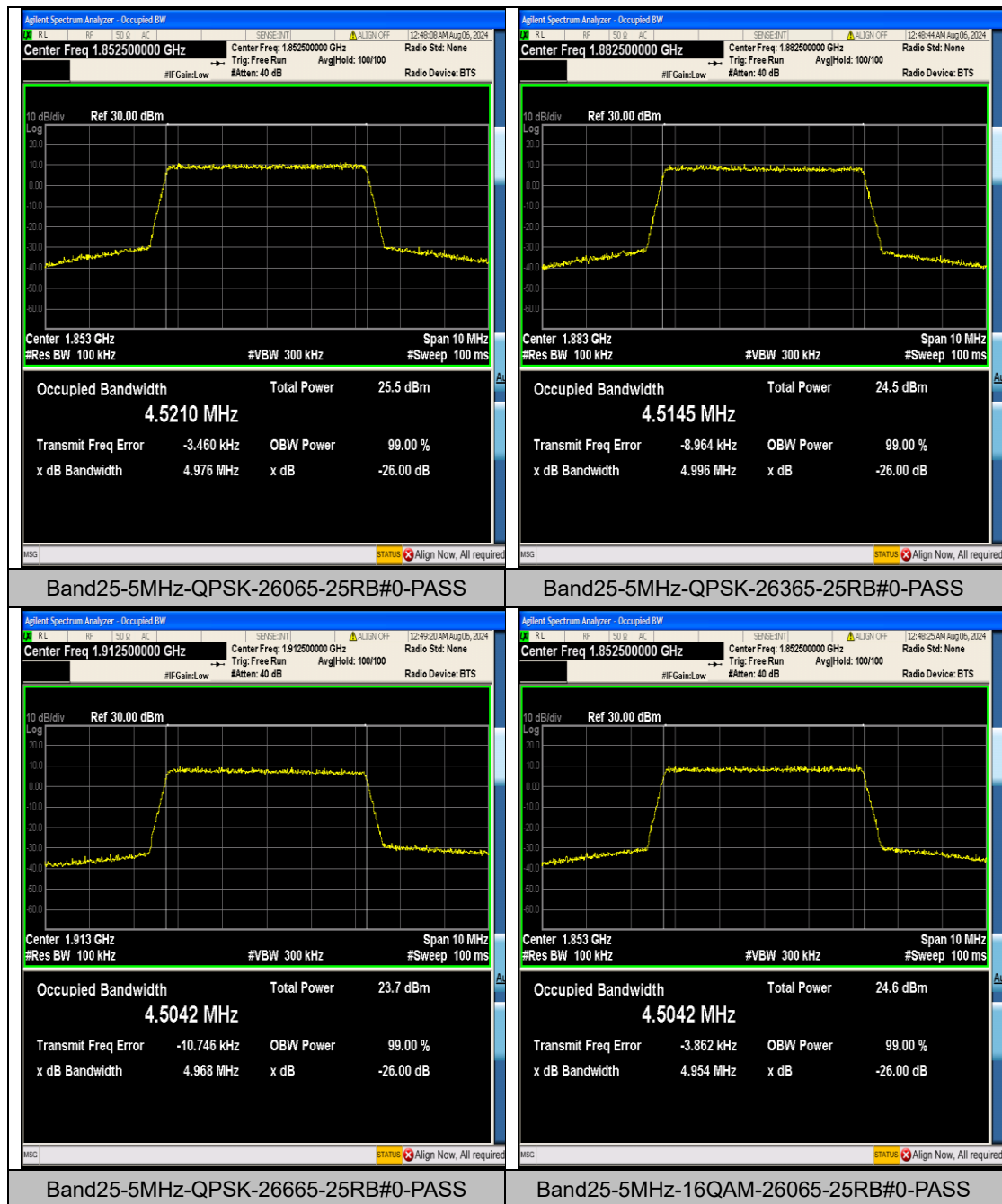
Band25	20MHz	16QAM	26365	100RB#0	17.973	19.52	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.972	19.53	PASS

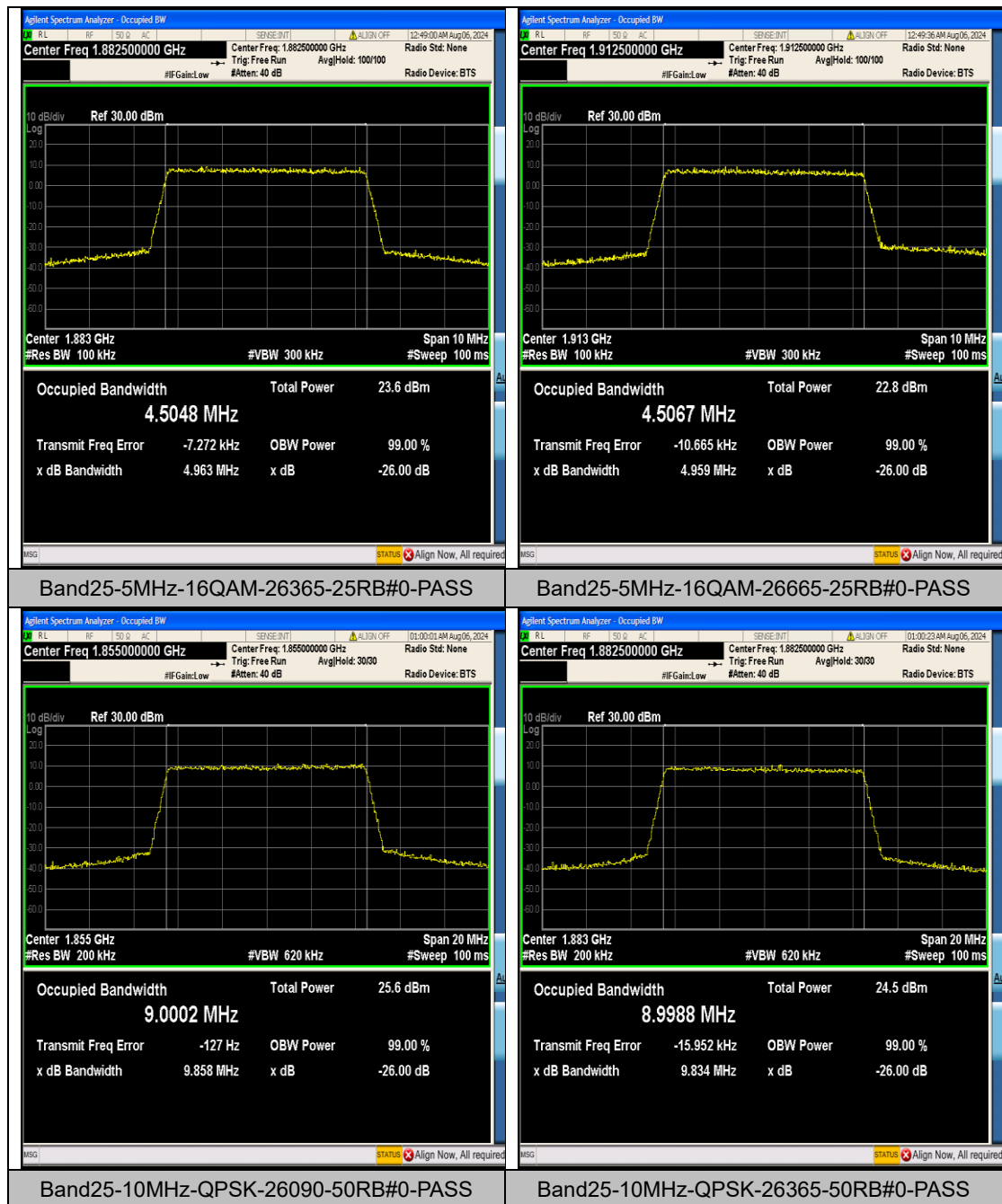
Test Graphs

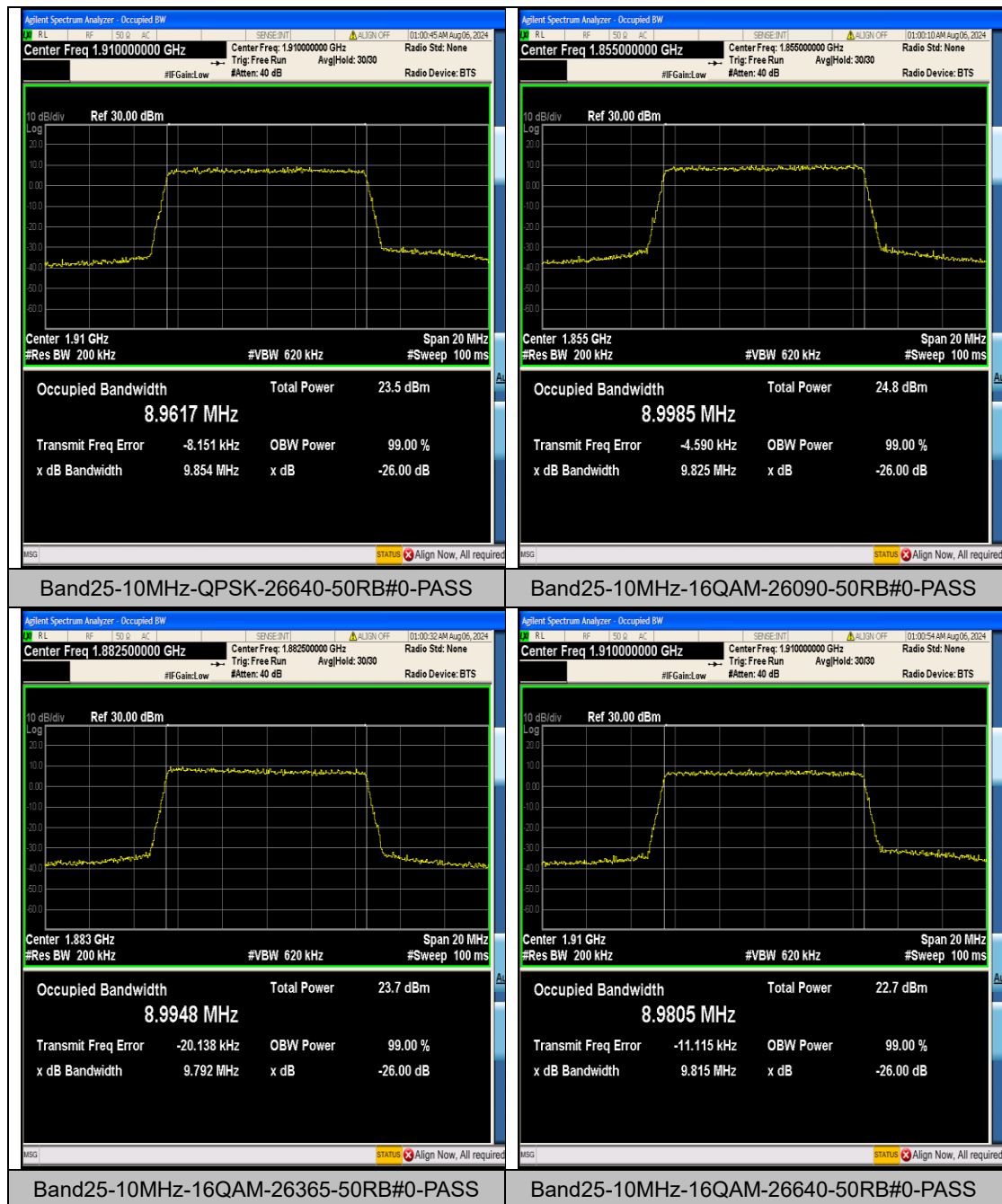


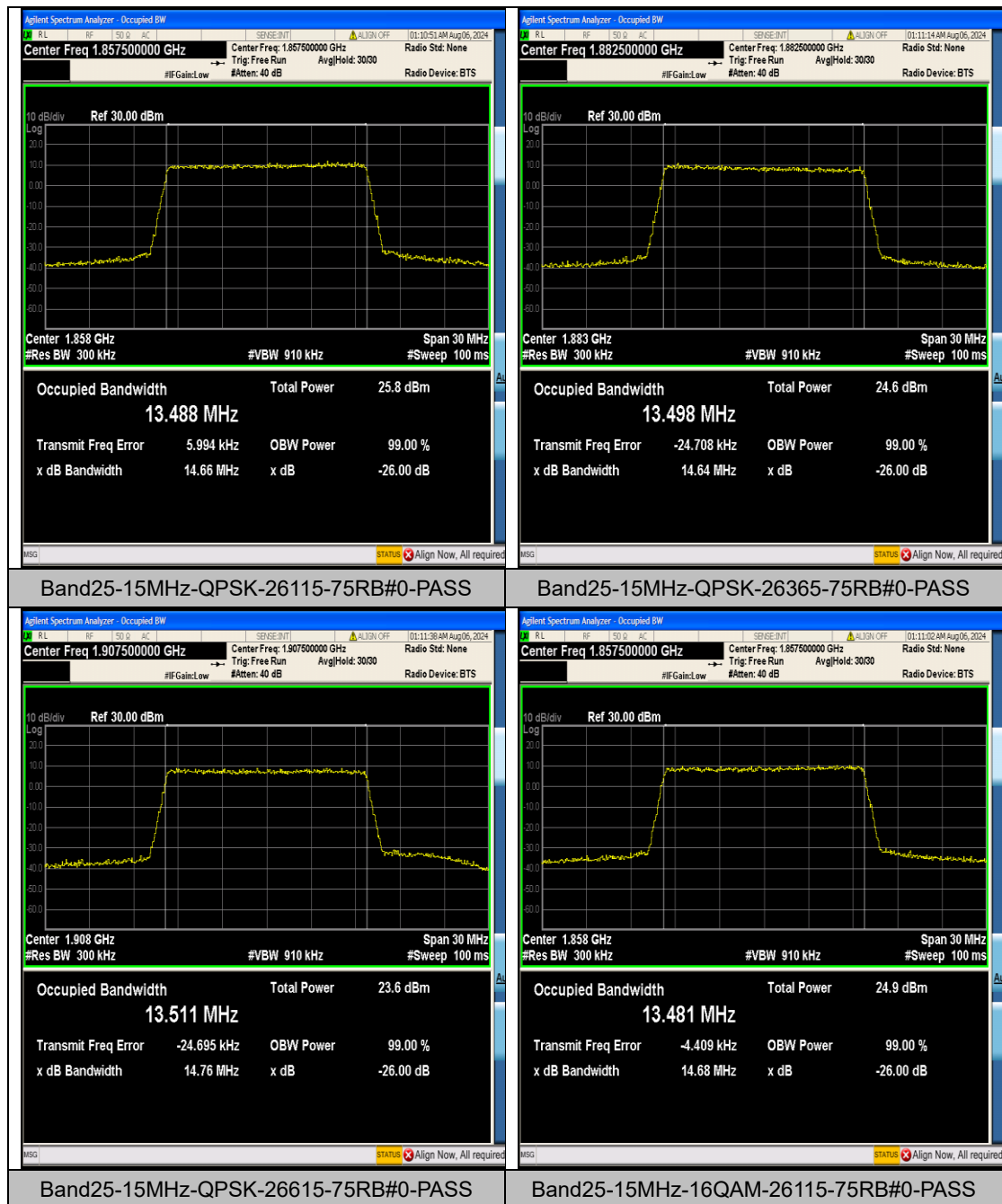


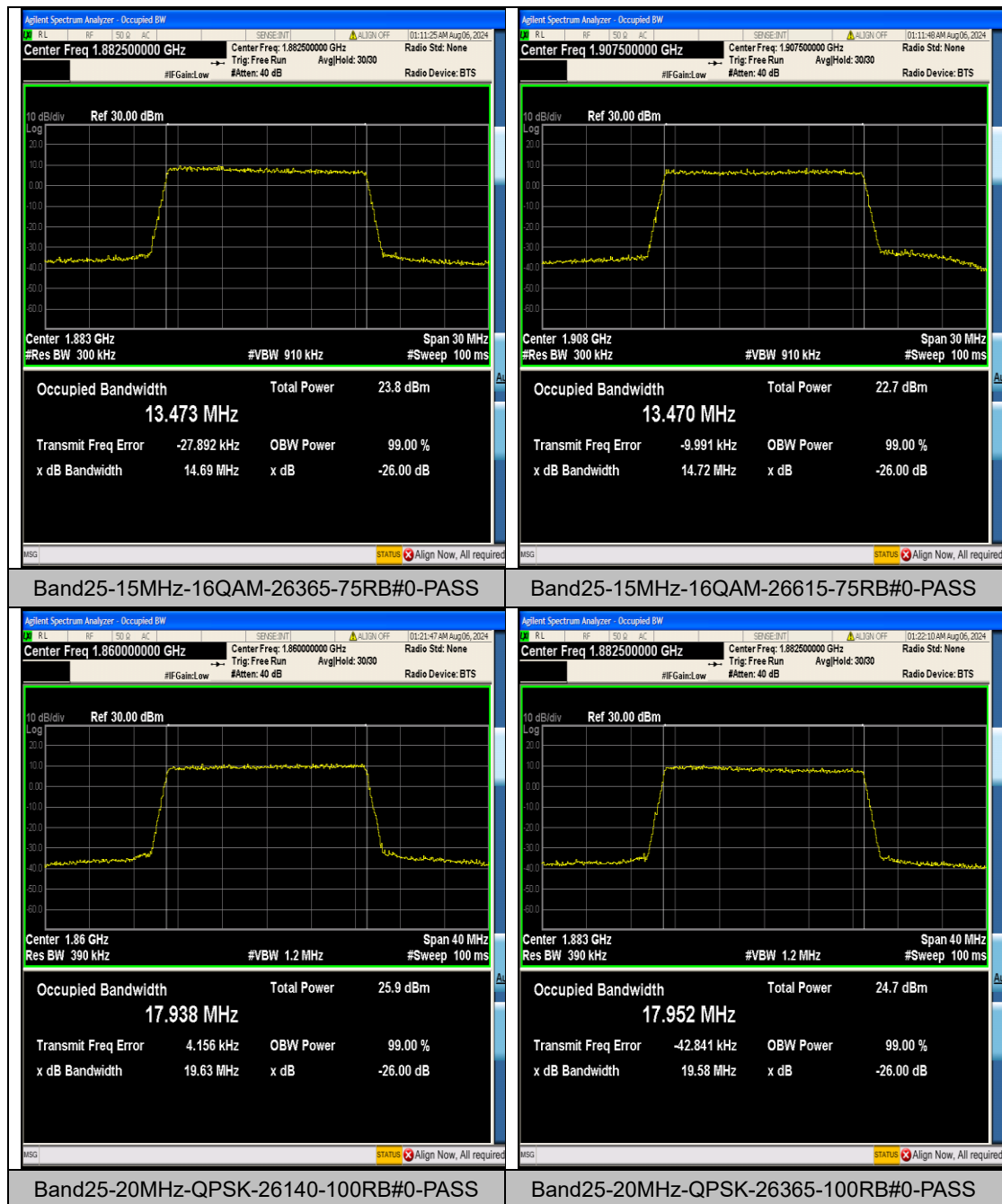


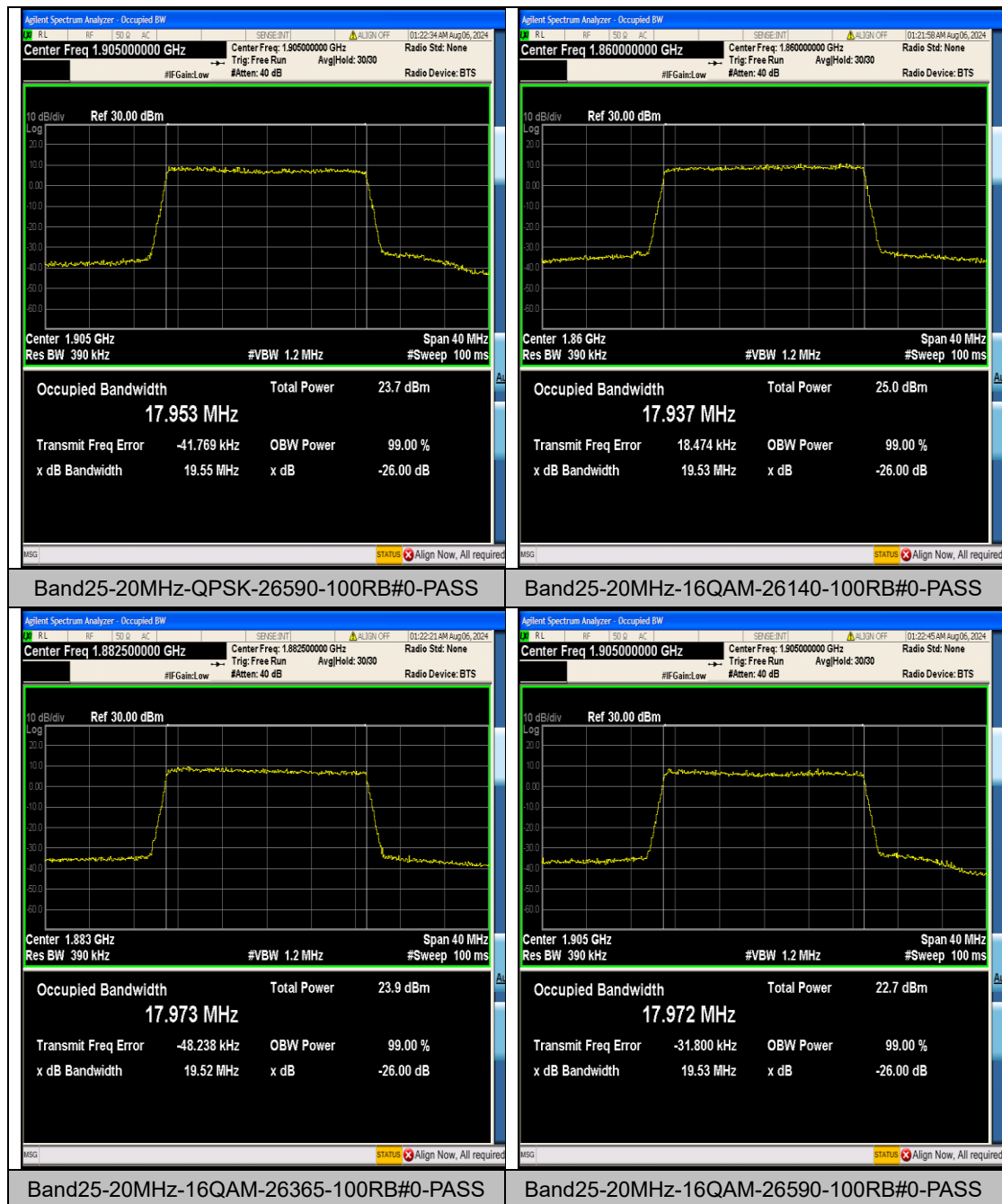












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	-36.52	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-33.28	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-35.86	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-34.53	PASS
Band25	3MHz	QPSK	26055	15RB#0	-33.54	PASS
Band25	3MHz	QPSK	26675	15RB#0	-30.93	PASS
Band25	3MHz	16QAM	26055	15RB#0	-33.77	PASS
Band25	3MHz	16QAM	26675	15RB#0	-31.47	PASS
Band25	5MHz	QPSK	26065	25RB#0	-34.80	PASS
Band25	5MHz	QPSK	26665	25RB#0	-32.88	PASS
Band25	5MHz	16QAM	26065	25RB#0	-35.01	PASS
Band25	5MHz	16QAM	26665	25RB#0	-33.28	PASS
Band25	10MHz	QPSK	26090	50RB#0	-38.71	PASS
Band25	10MHz	QPSK	26640	50RB#0	-36.73	PASS
Band25	10MHz	16QAM	26090	50RB#0	-38.87	PASS
Band25	10MHz	16QAM	26640	50RB#0	-37.38	PASS
Band25	15MHz	QPSK	26115	75RB#0	-40.08	PASS
Band25	15MHz	QPSK	26615	75RB#0	-38.68	PASS
Band25	15MHz	16QAM	26115	75RB#0	-39.61	PASS
Band25	15MHz	16QAM	26615	75RB#0	-39.32	PASS
Band25	20MHz	QPSK	26140	100RB#0	-41.14	PASS
Band25	20MHz	QPSK	26590	100RB#0	-41.52	PASS
Band25	20MHz	16QAM	26140	100RB#0	-41.40	PASS
Band25	20MHz	16QAM	26590	100RB#0	-42.02	PASS

Test Graphs

