

Appendix RF Test Data for LTE Band 25

Company: : SIMFINITY COMPANY LIMITED

EUT : MIFI

Model Number : U6

FCC ID : 2BSRS-U6

Report No. : CTA25100901307

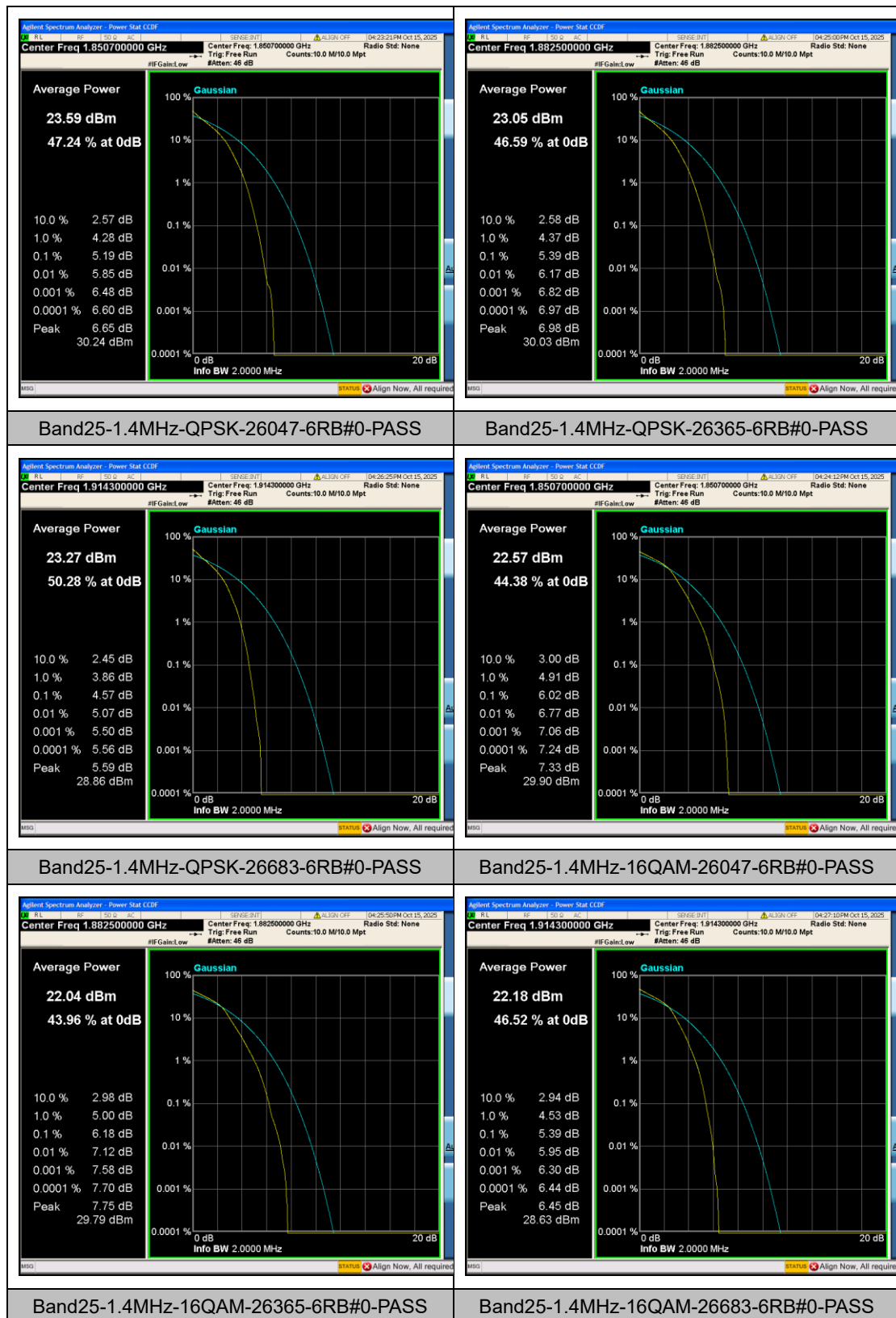
Reviewed By : Eric Wang

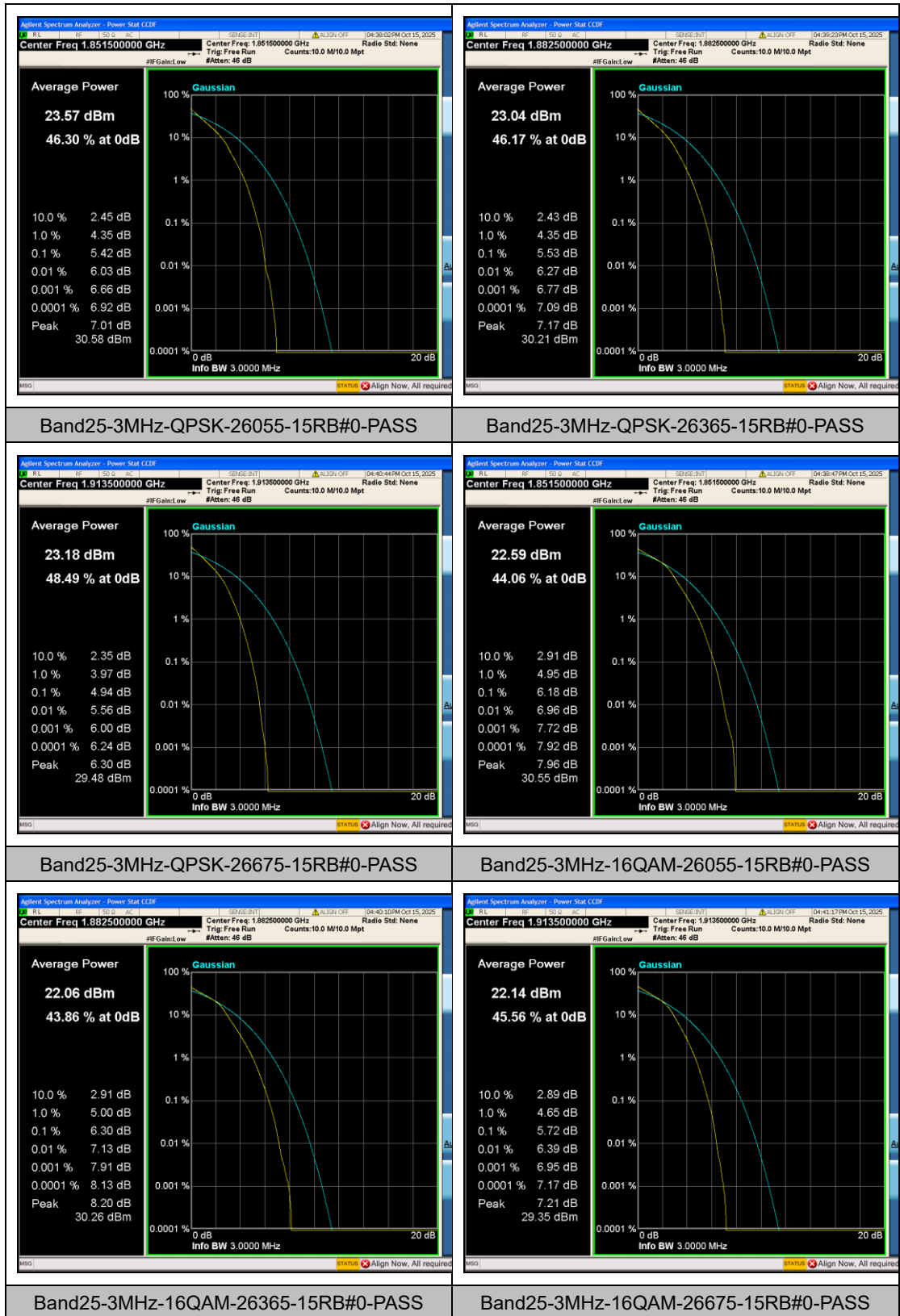
Appendix B: Peak-to-Average Ratio(CCDF)

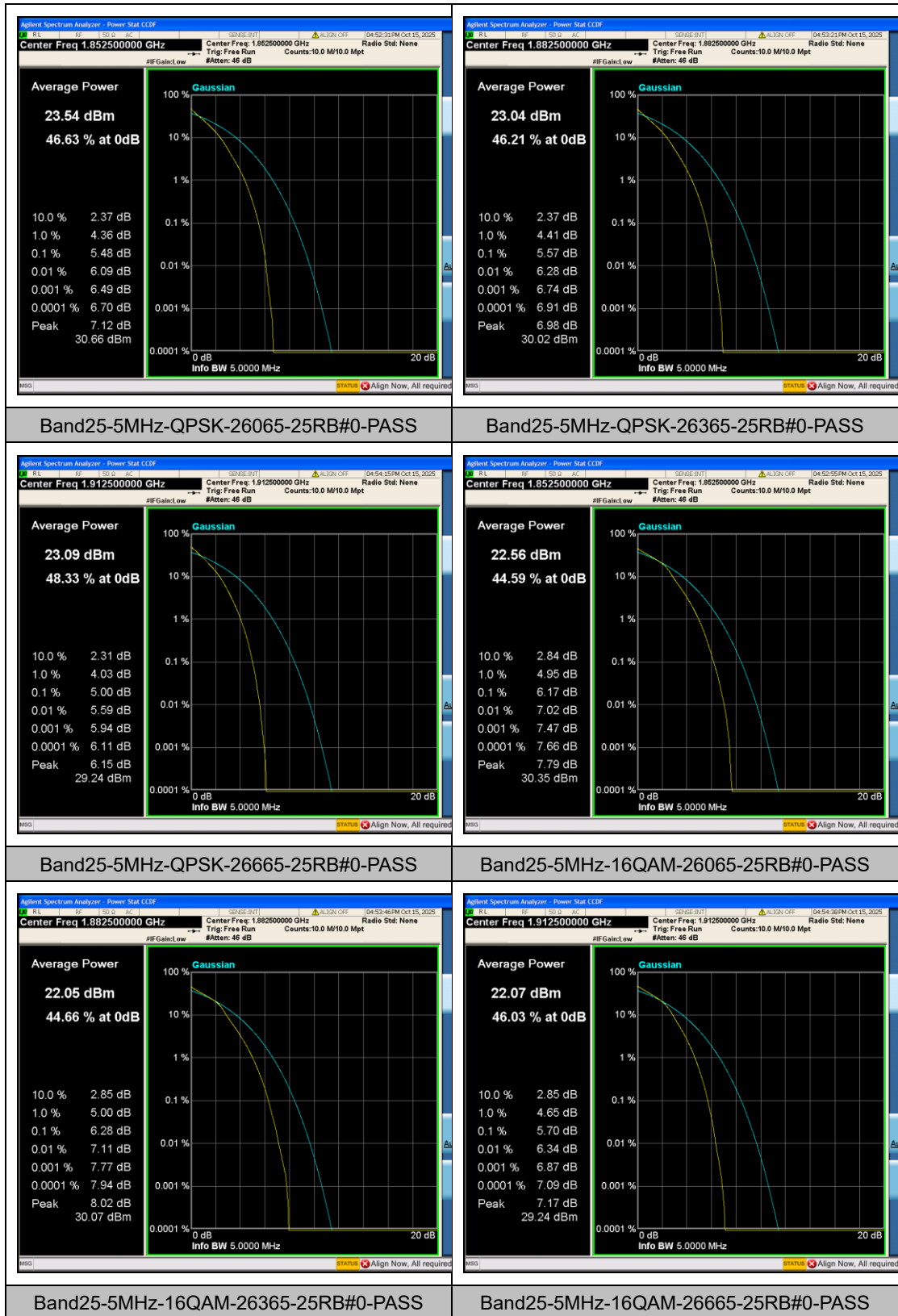
Test Result

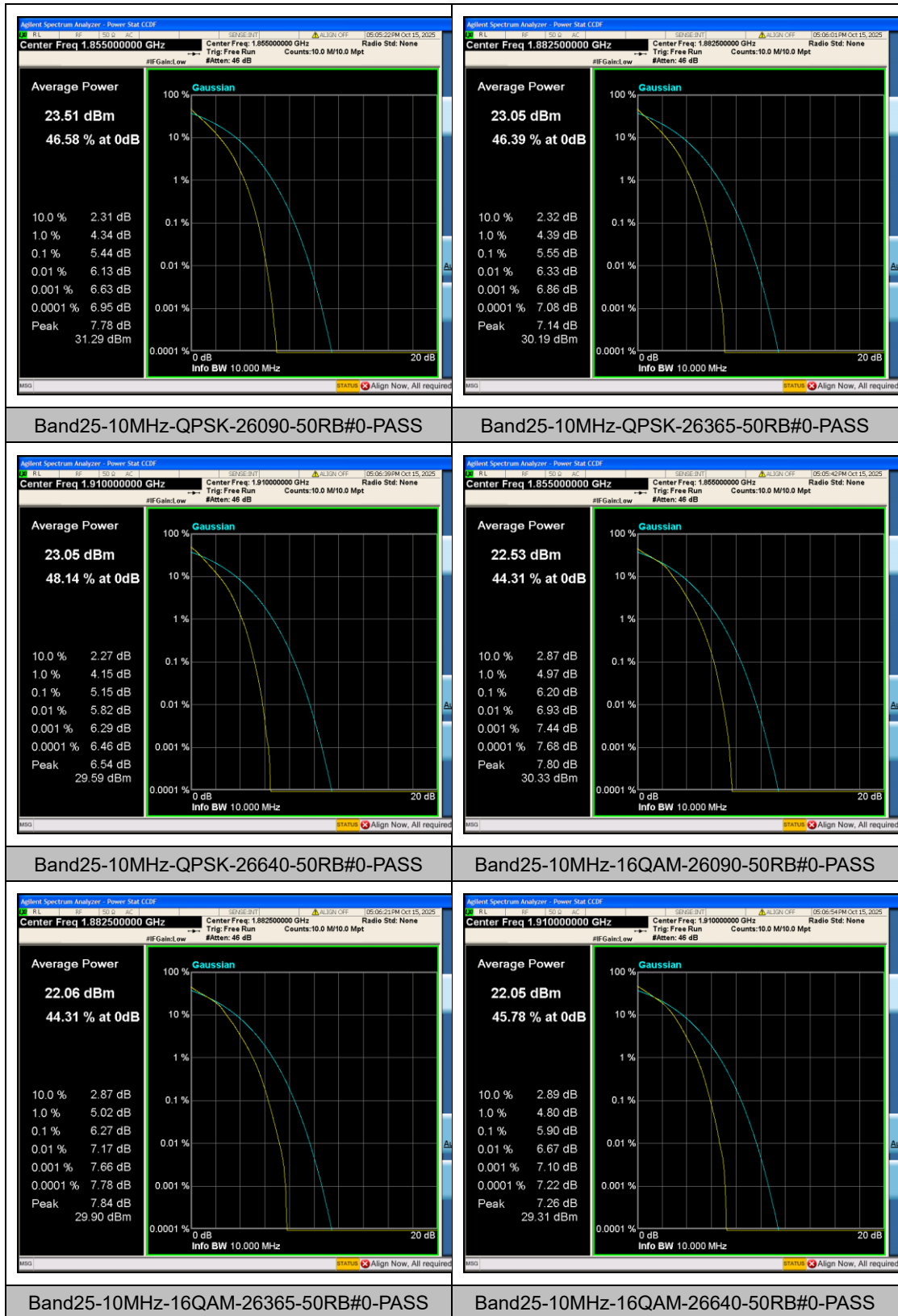
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	5.19	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.39	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	4.57	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	6.02	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	6.18	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	5.39	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.42	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.53	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	4.94	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	6.18	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.30	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	5.72	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.48	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.57	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.00	13	PASS
Band25	5MHz	16QAM	26065	25RB#0	6.17	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.28	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	5.70	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.44	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.55	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.15	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	6.20	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.27	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	5.90	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.75	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.86	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.59	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.30	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.37	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.15	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.46	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.52	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.49	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.23	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.28	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.23	13	PASS

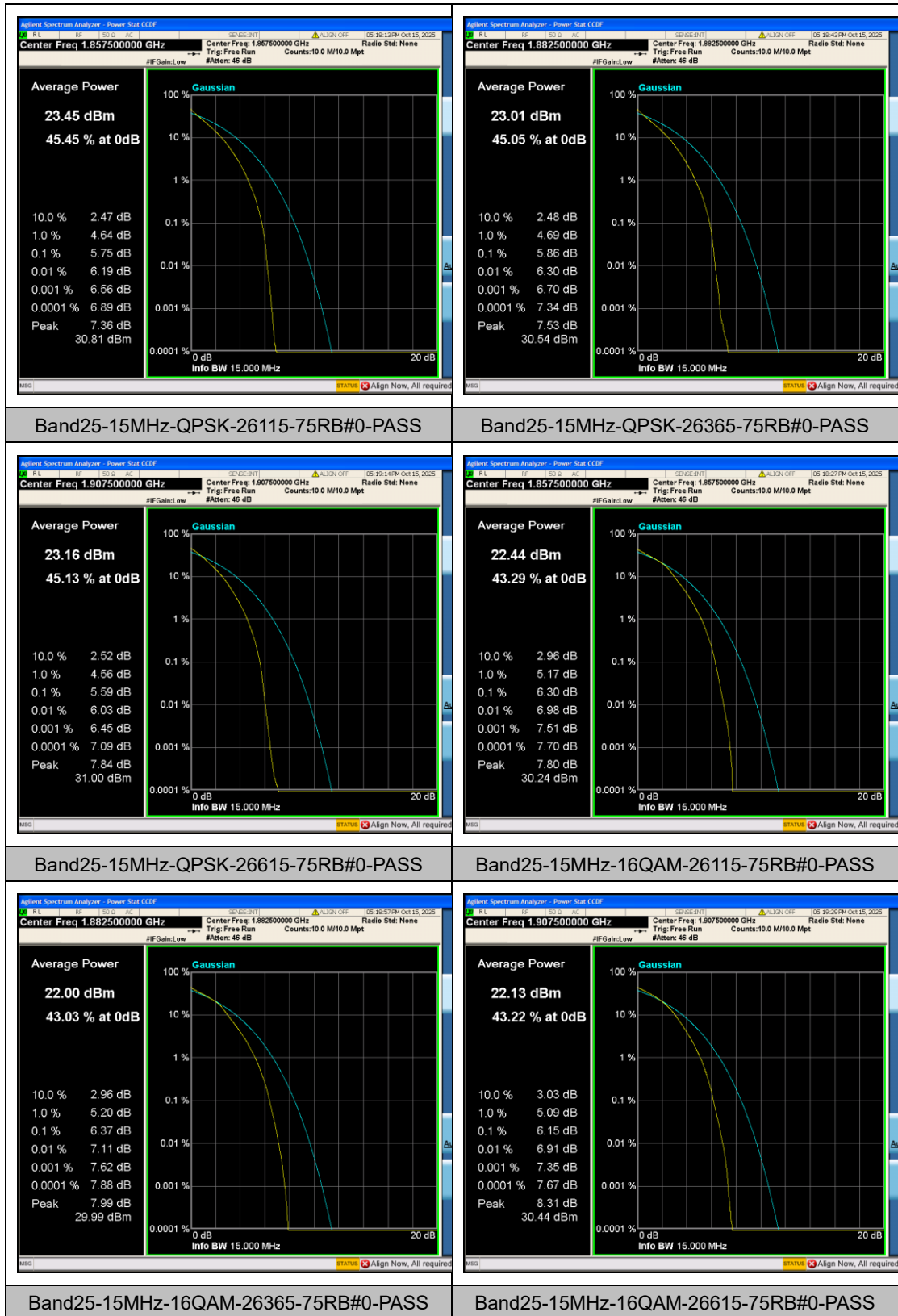
Test Graphs

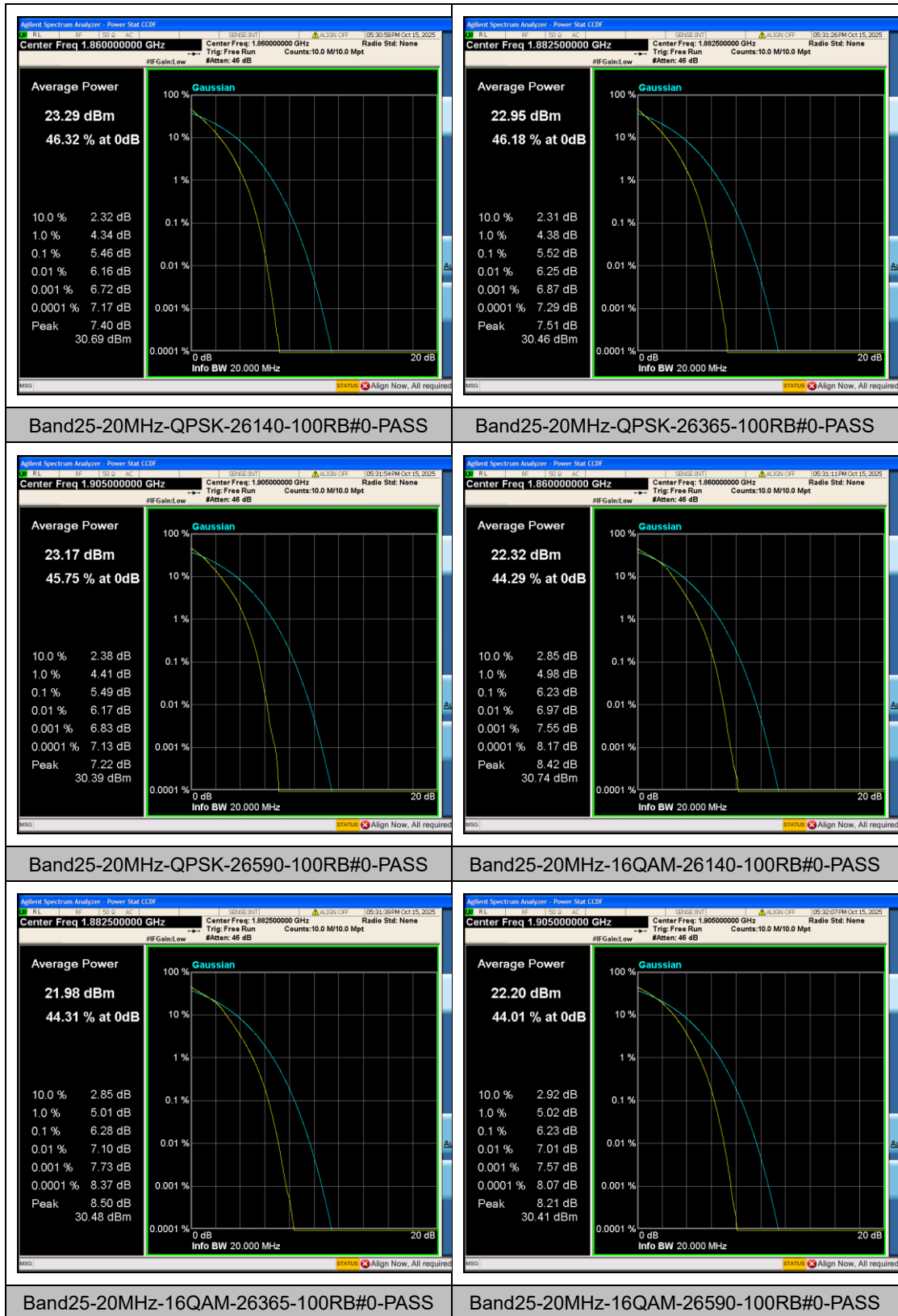












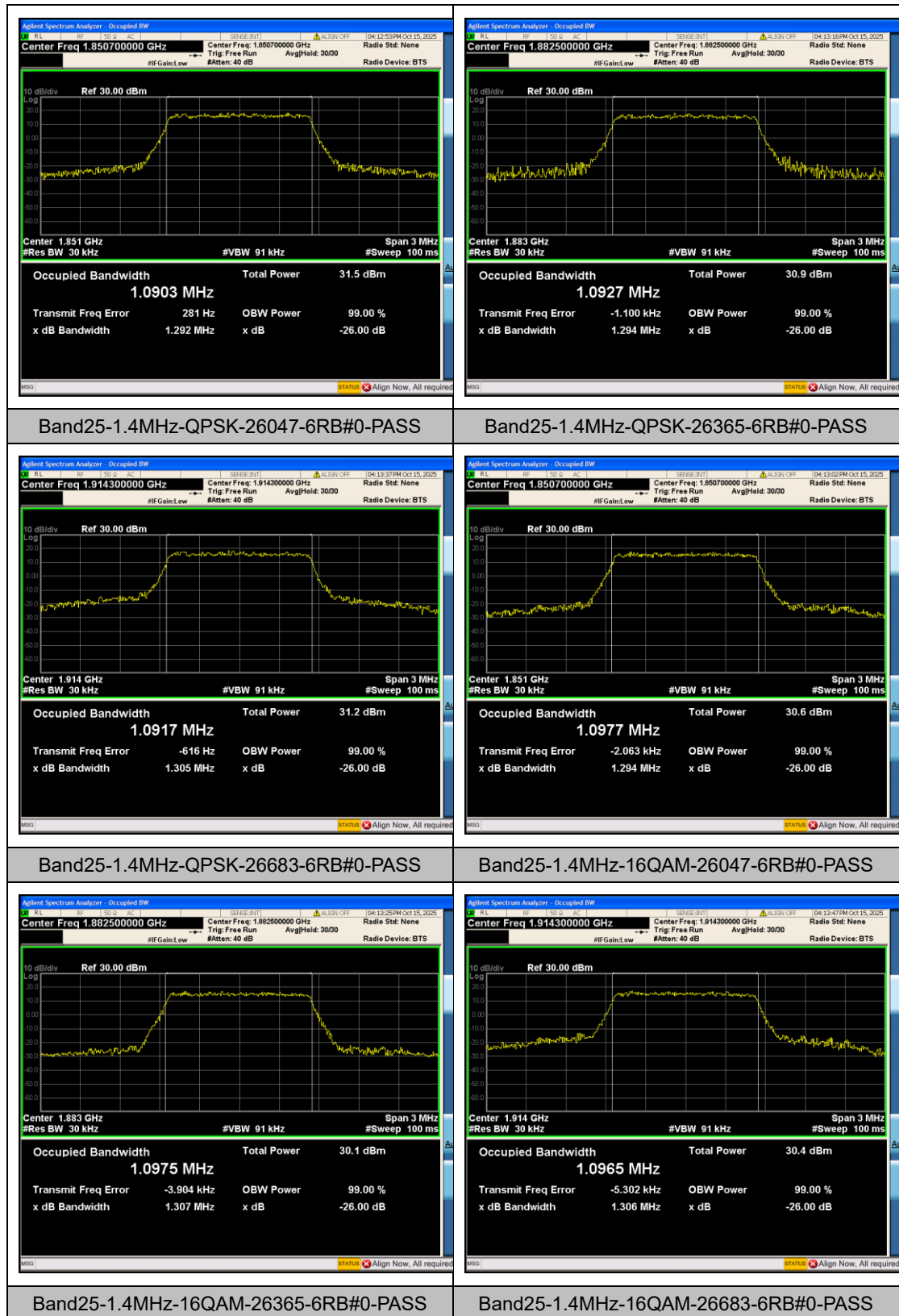
Appendix C: 26dB Bandwidth and Occupied Bandwidth

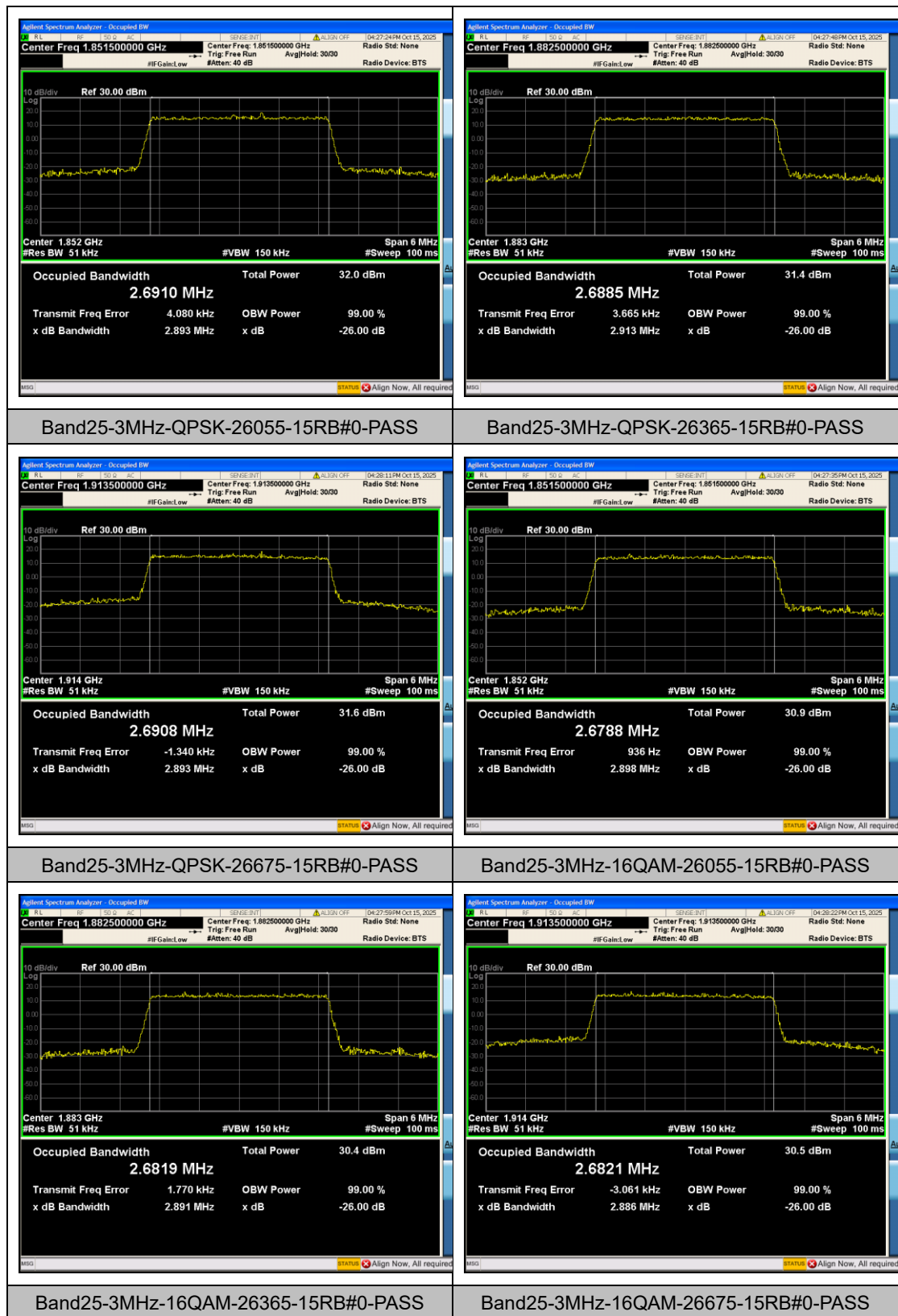
Test Result

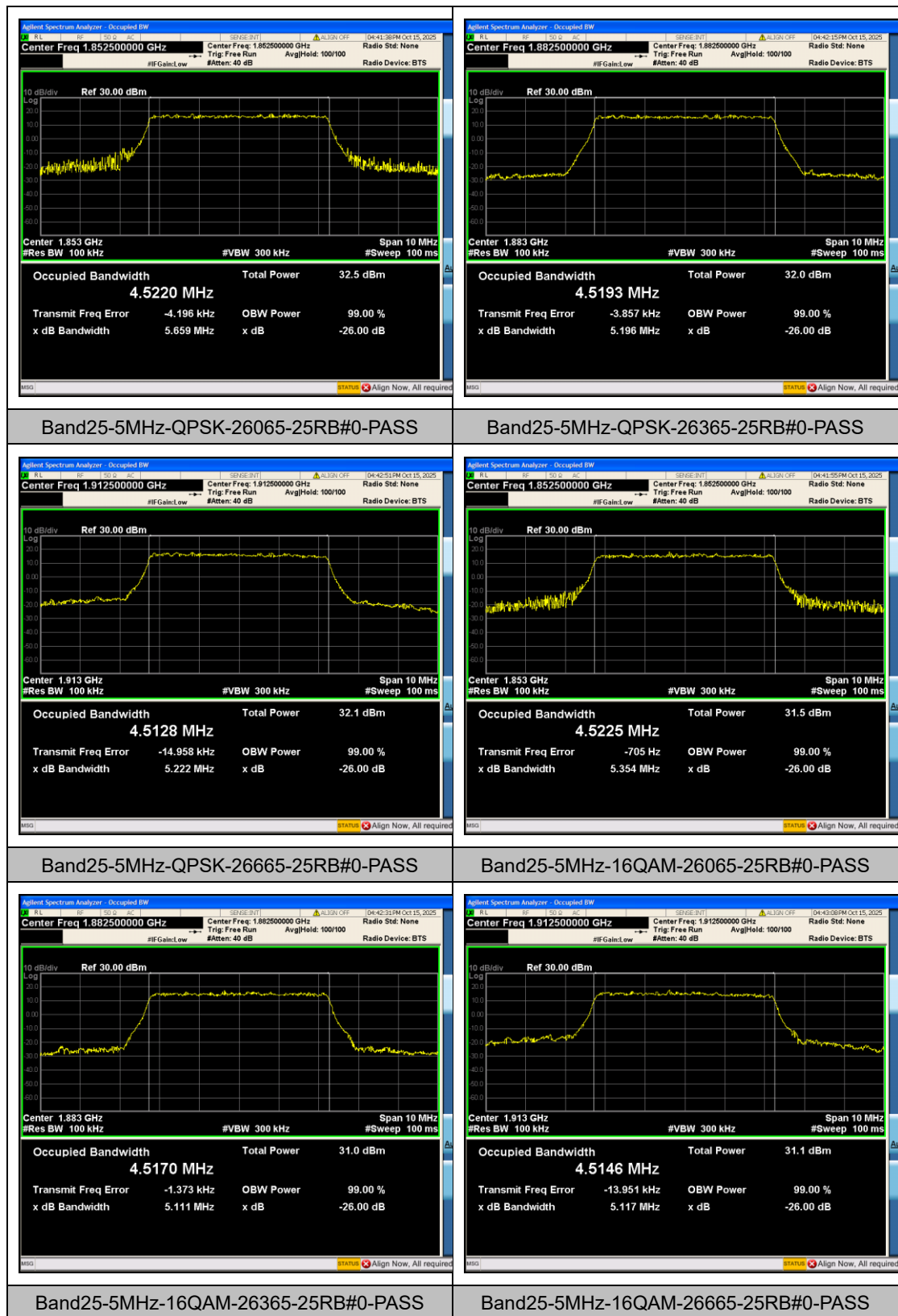
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.0903	1.292	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0927	1.294	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0917	1.305	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0977	1.294	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0975	1.307	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0965	1.306	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6910	2.893	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6885	2.913	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6908	2.893	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6788	2.898	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6819	2.891	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6821	2.886	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.5220	5.659	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.5193	5.196	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.5128	5.222	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.5225	5.354	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.5170	5.111	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.5146	5.117	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9892	10.15	PASS
Band25	10MHz	QPSK	26365	50RB#0	9.0033	10.12	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9922	10.09	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.9916	9.996	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.9841	10.08	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.9697	9.980	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.502	15.17	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.494	15.10	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.496	15.61	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.487	14.98	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.496	15.00	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.467	15.00	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.939	19.81	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.974	19.70	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.967	19.76	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.977	19.73	PASS

Band25	20MHz	16QAM	26365	100RB#0	17.984	19.71	PASS
Band25	20MHz	16QAM	26590	100RB#0	18.031	19.73	PASS

Test Graphs









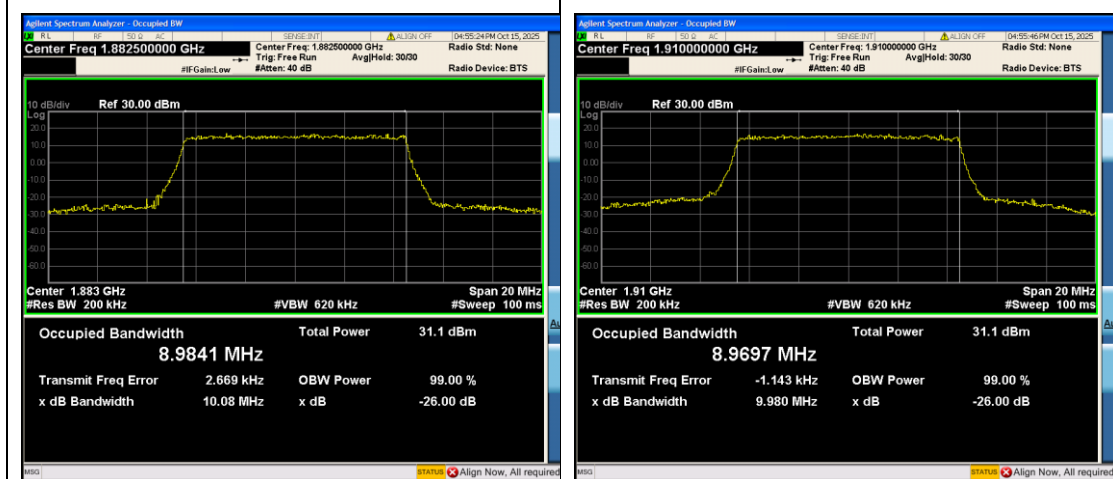
Band25-10MHz-QPSK-26090-50RB#0-PASS

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



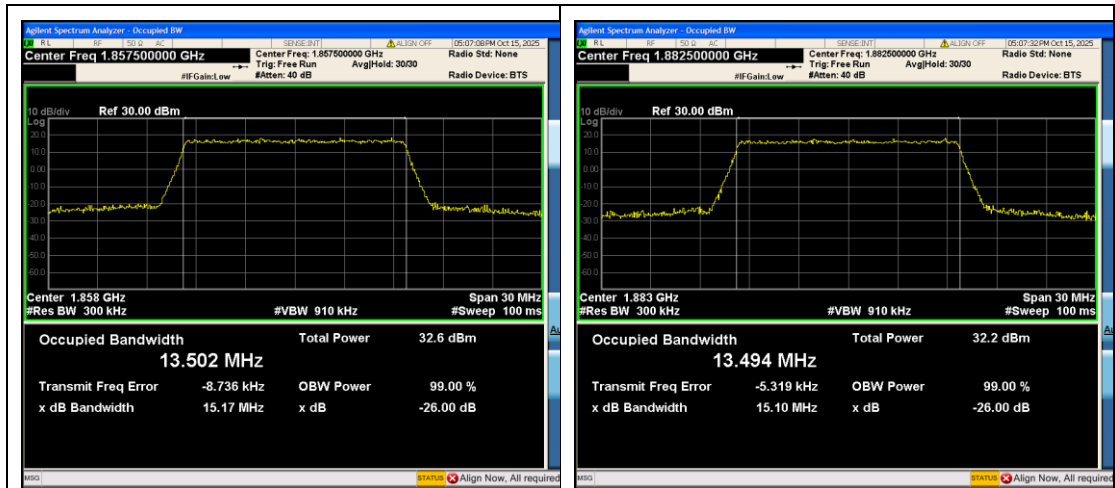
Band25-10MHz-QPSK-26640-50RB#0-PASS

Band25-10MHz-16QAM-26090-50RB#0-PASS



Band25-10MHz-16QAM-26365-50RB#0-PASS

Band25-10MHz-16QAM-26640-50RB#0-PASS



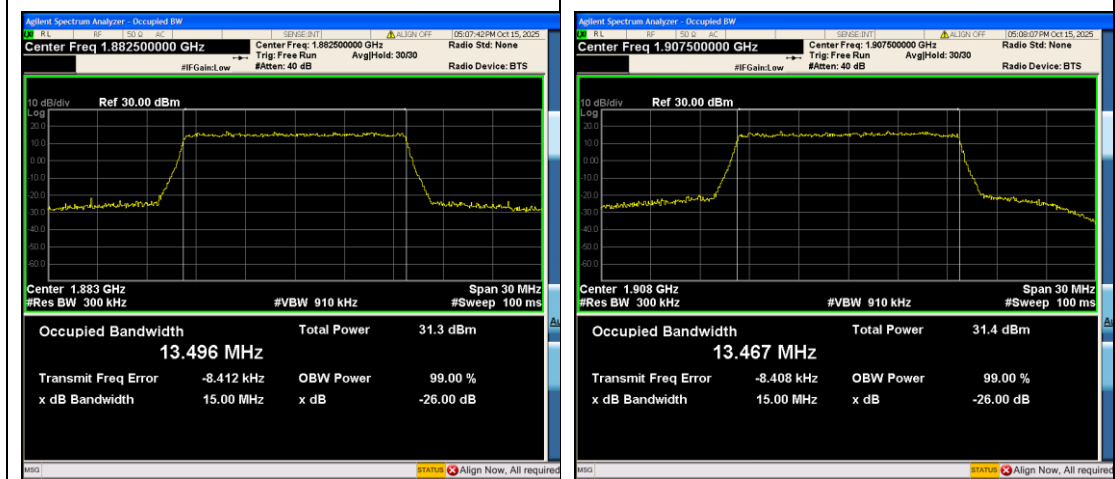
Band25-15MHz-QPSK-26115-75RB#0-PASS

Band25-15MHz-QPSK-26365-75RB#0-PASS



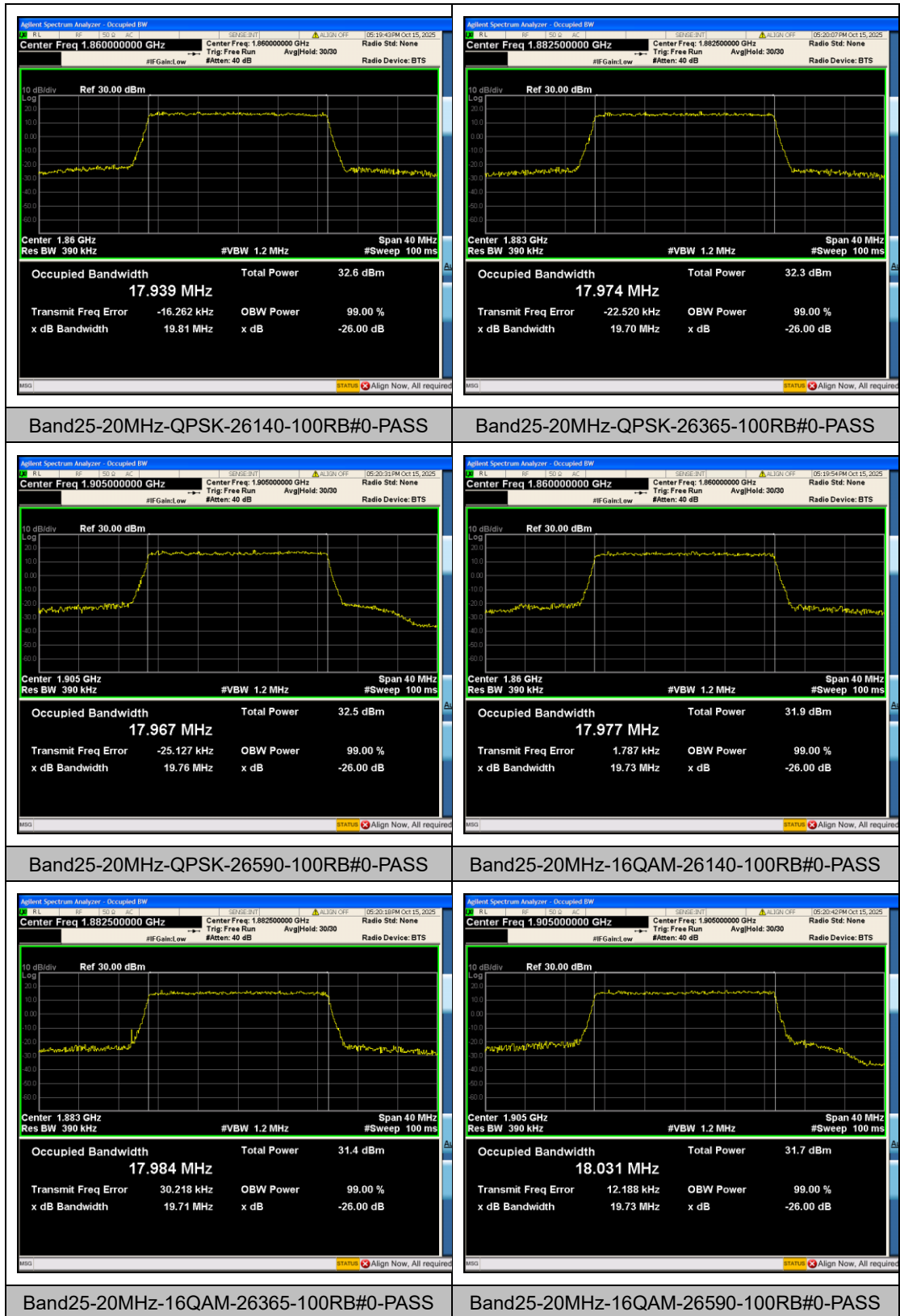
Band25-15MHz-QPSK-26615-75RB#0-PASS

Band25-15MHz-16QAM-26115-75RB#0-PASS



Band25-15MHz-16QAM-26365-75RB#0-PASS

Band25-15MHz-16QAM-26615-75RB#0-PASS



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	-27.92	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-24.81	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-27.40	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-24.29	PASS
Band25	3MHz	QPSK	26055	15RB#0	-25.65	PASS
Band25	3MHz	QPSK	26675	15RB#0	-23.12	PASS
Band25	3MHz	16QAM	26055	15RB#0	-25.55	PASS
Band25	3MHz	16QAM	26675	15RB#0	-26.05	PASS
Band25	5MHz	QPSK	26065	25RB#0	-26.71	PASS
Band25	5MHz	QPSK	26665	25RB#0	-24.12	PASS
Band25	5MHz	16QAM	26065	25RB#0	-26.93	PASS
Band25	5MHz	16QAM	26665	25RB#0	-27.84	PASS
Band25	10MHz	QPSK	26090	50RB#0	-28.92	PASS
Band25	10MHz	QPSK	26640	50RB#0	-27.63	PASS
Band25	10MHz	16QAM	26090	50RB#0	-29.54	PASS
Band25	10MHz	16QAM	26640	50RB#0	-30.08	PASS
Band25	15MHz	QPSK	26115	75RB#0	-28.86	PASS
Band25	15MHz	QPSK	26615	75RB#0	-26.80	PASS
Band25	15MHz	16QAM	26115	75RB#0	-30.61	PASS
Band25	15MHz	16QAM	26615	75RB#0	-29.49	PASS
Band25	20MHz	QPSK	26140	100RB#0	-31.06	PASS
Band25	20MHz	QPSK	26590	100RB#0	-30.67	PASS
Band25	20MHz	16QAM	26140	100RB#0	-31.54	PASS
Band25	20MHz	16QAM	26590	100RB#0	-32.42	PASS