

FCC LTE Band Test Data

FCC ID : 2AVYL-ZEUSS68

Company: : Shenzhen Eternity Technology Co., Ltd

EUT : smart phone

Model Number : ZEUSS68

Reviewed By : Eric Wang

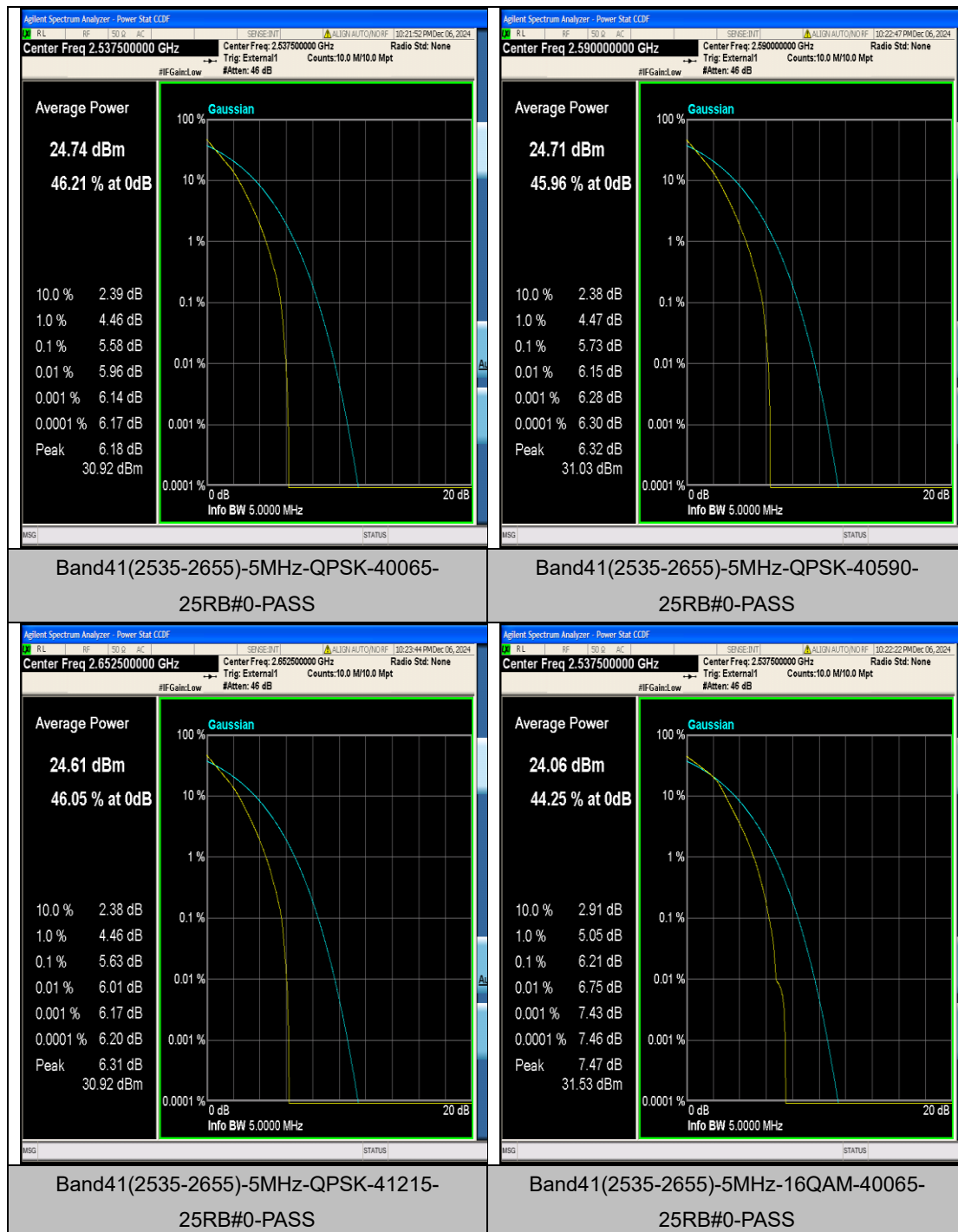
Appendix B: Peak-to-Average Ratio(CCDF)

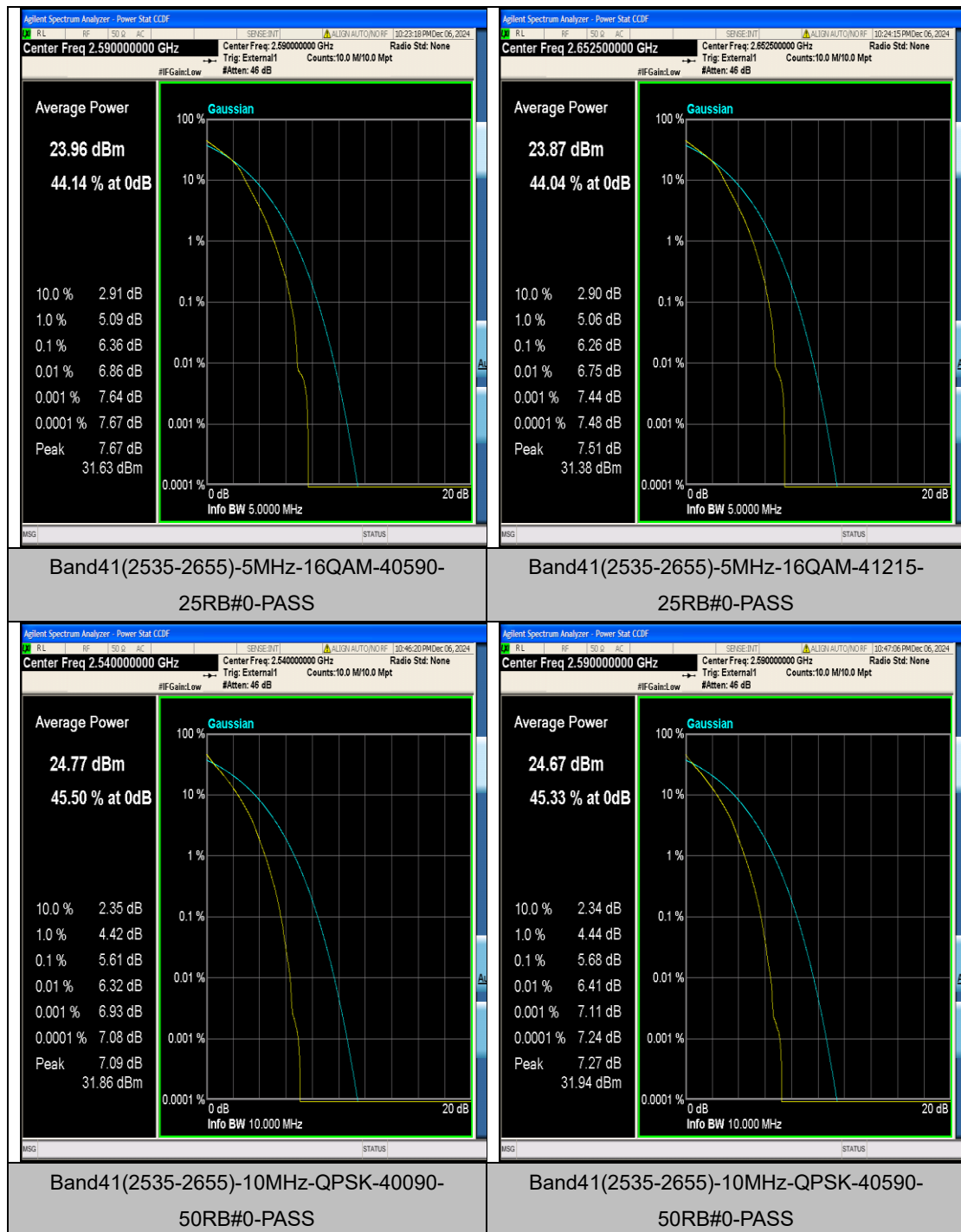
Test Result

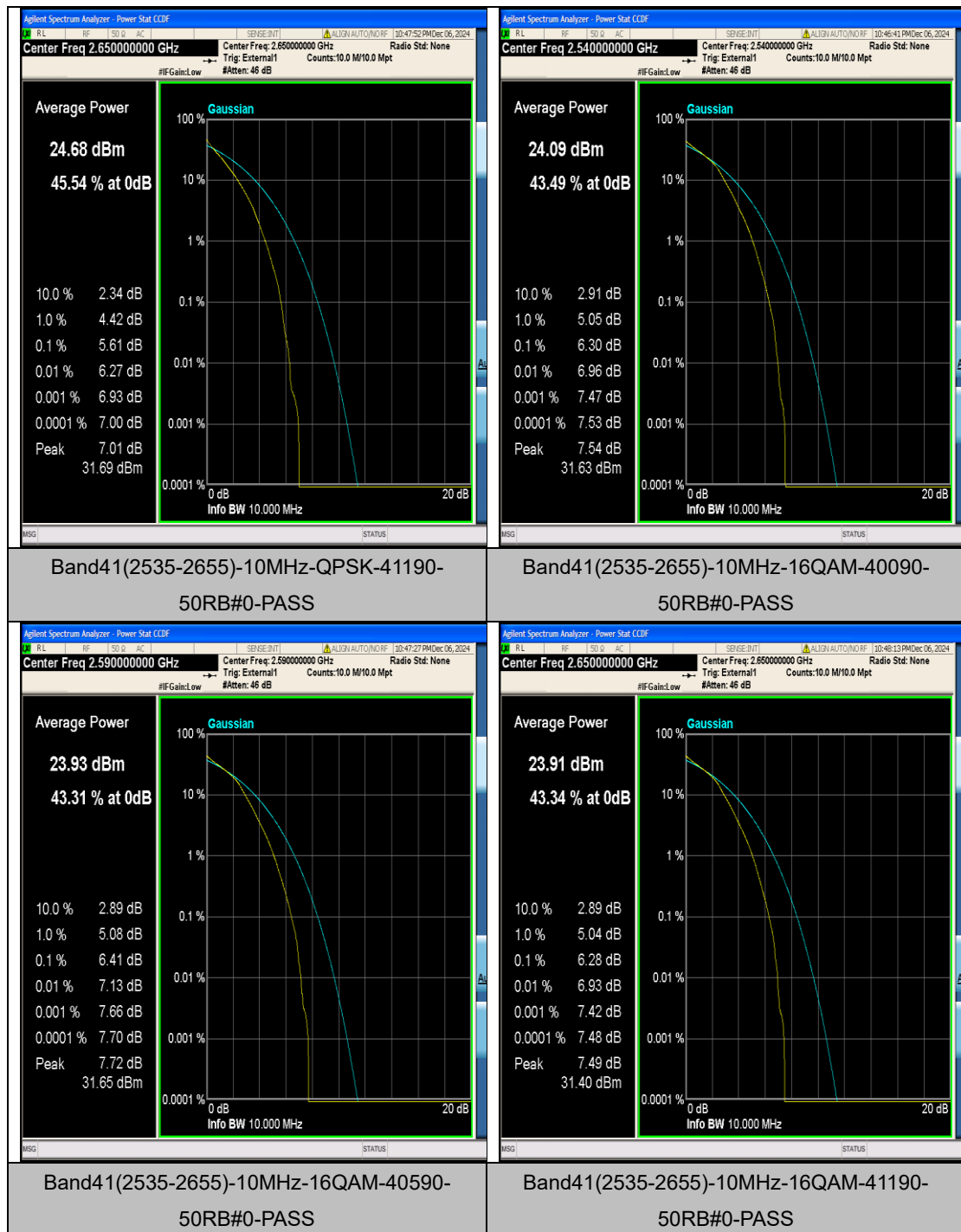
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	5.58	13	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	5.73	13	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	5.63	13	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	6.21	13	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	6.36	13	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	6.26	13	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	5.61	13	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	5.68	13	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	5.61	13	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	6.30	13	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	6.41	13	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	6.28	13	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	5.85	13	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	5.93	13	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	5.77	13	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	6.40	13	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	6.44	13	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	6.35	13	PASS

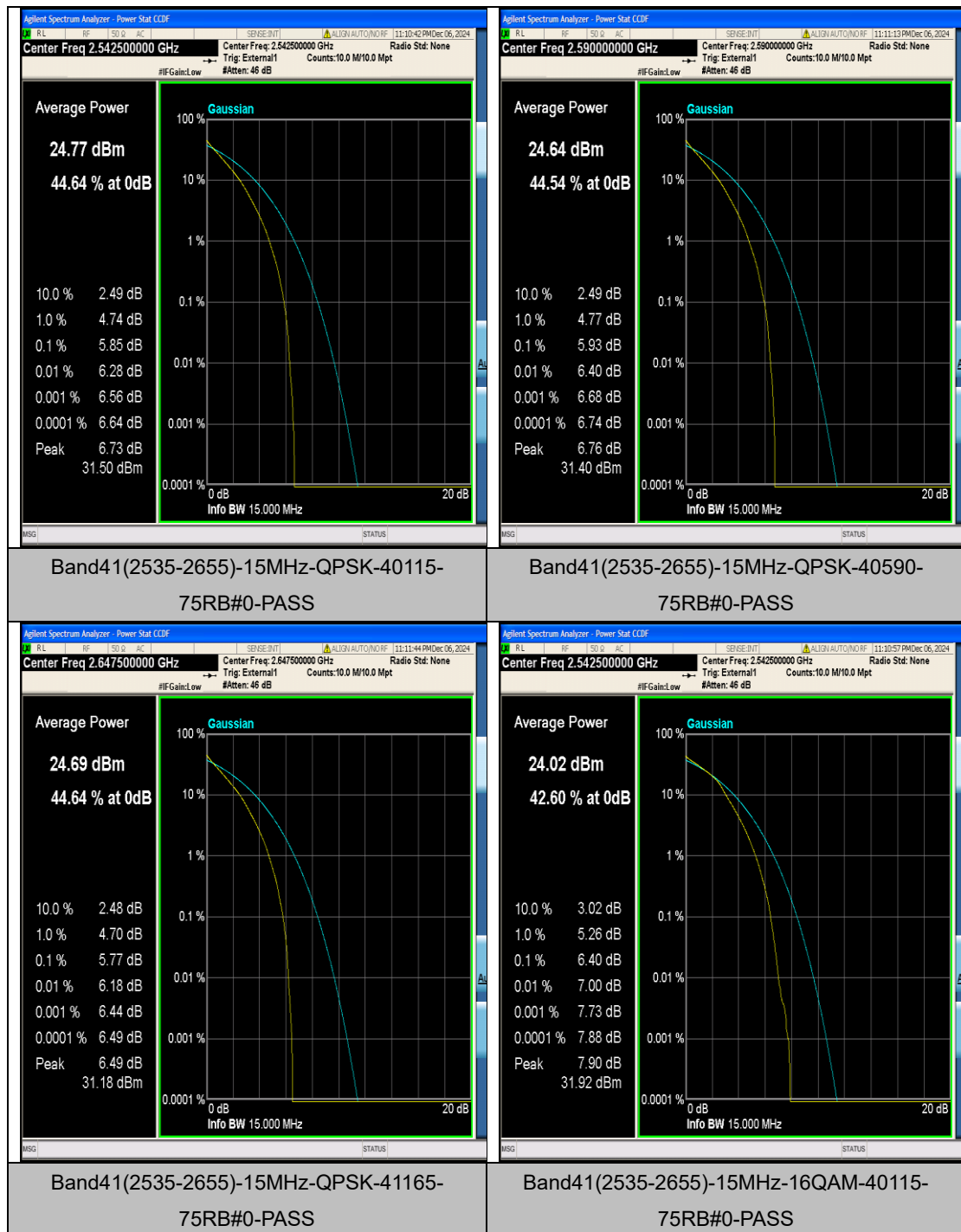
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	5.50	13	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	5.54	13	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	5.42	13	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	6.30	13	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	6.33	13	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	6.22	13	PASS

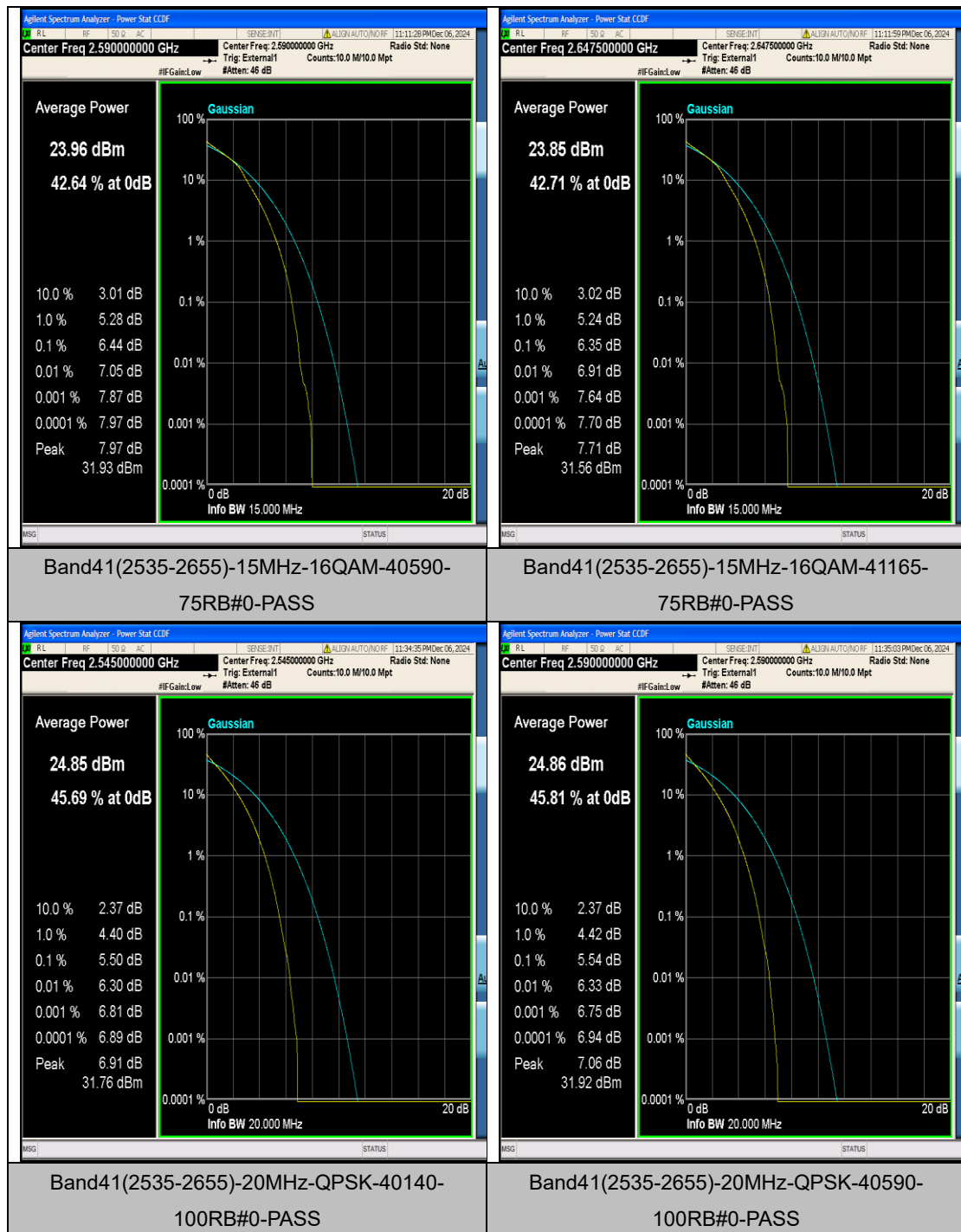
Test Graphs

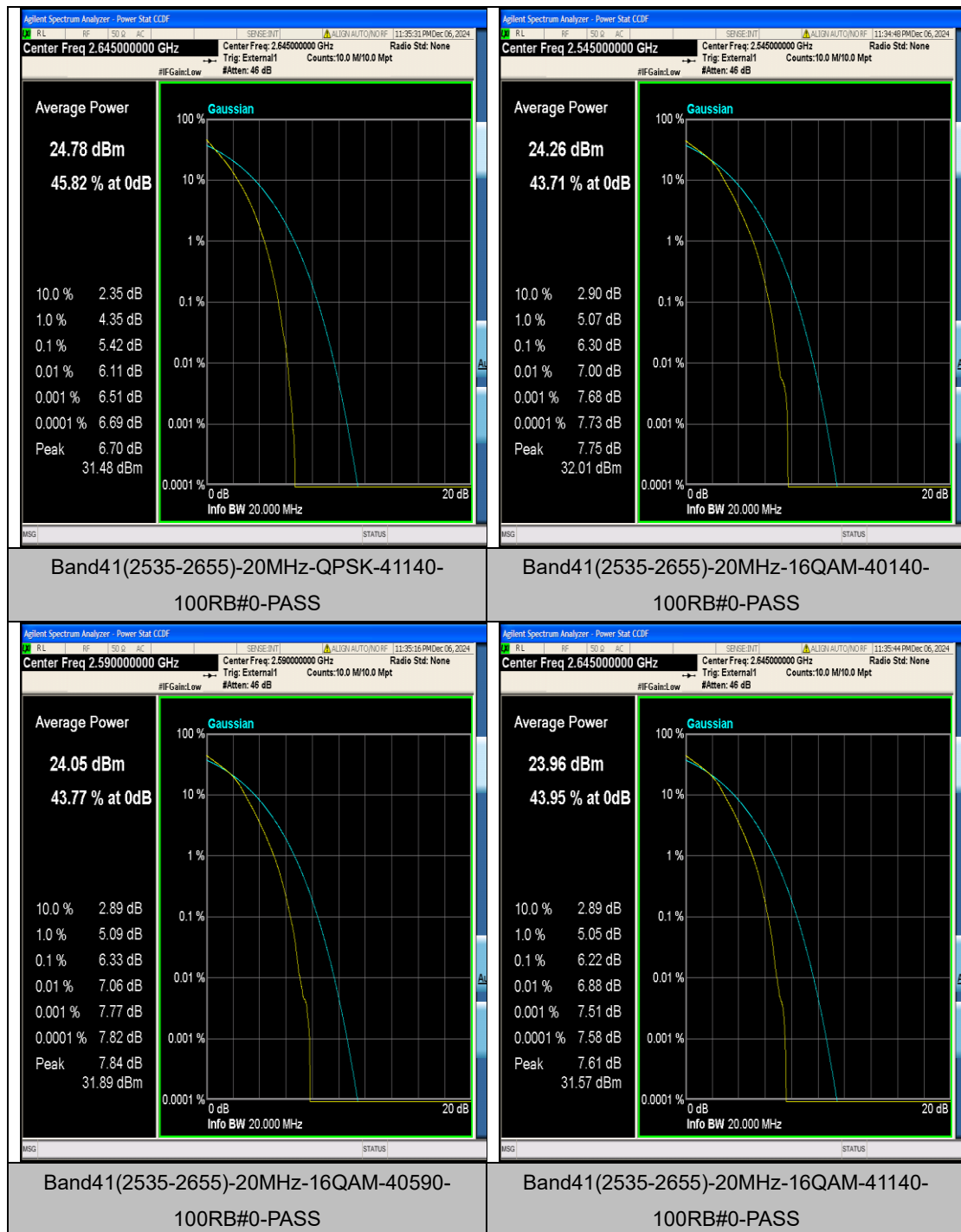












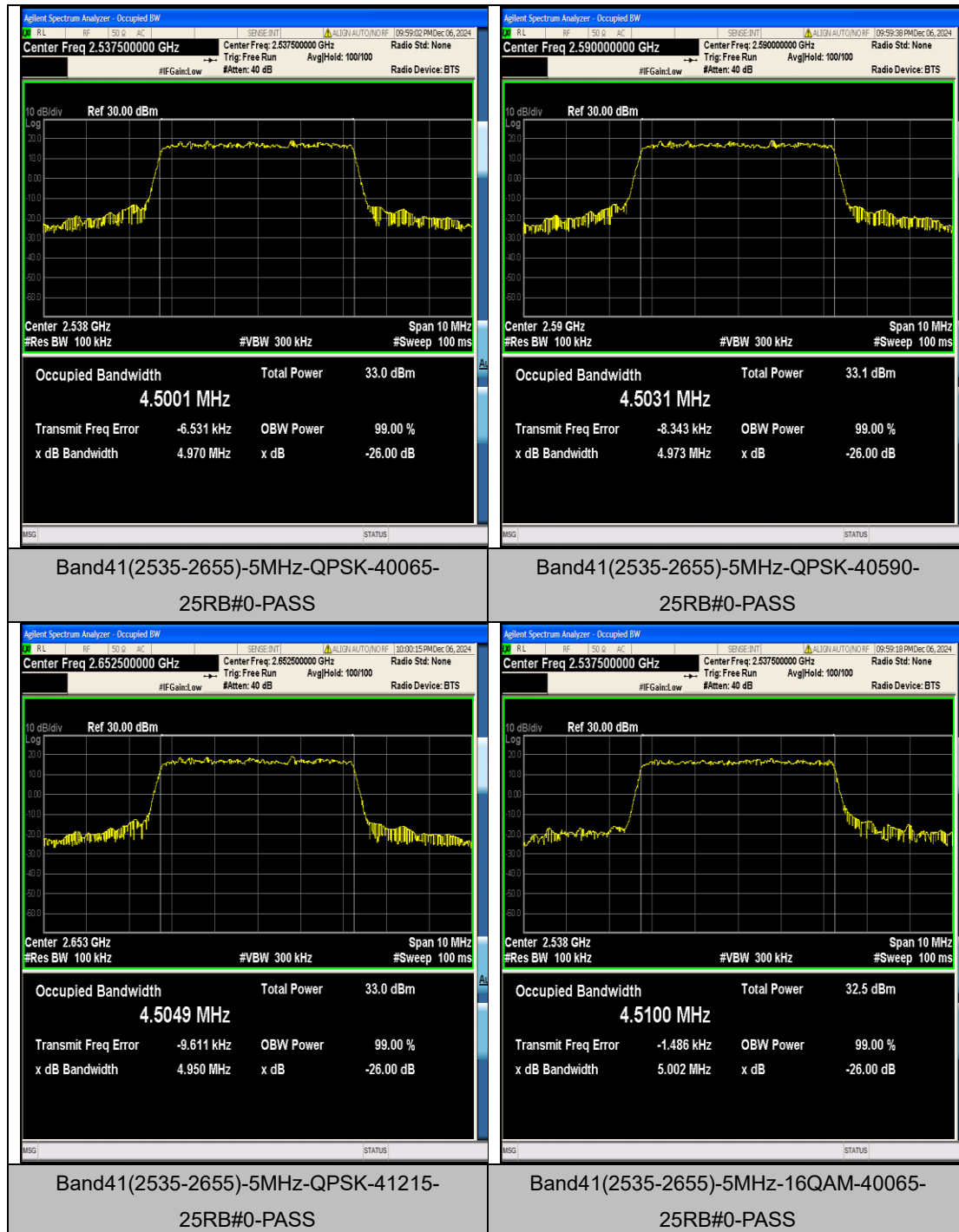
Appendix C: 26dB Bandwidth and Occupied Bandwidth

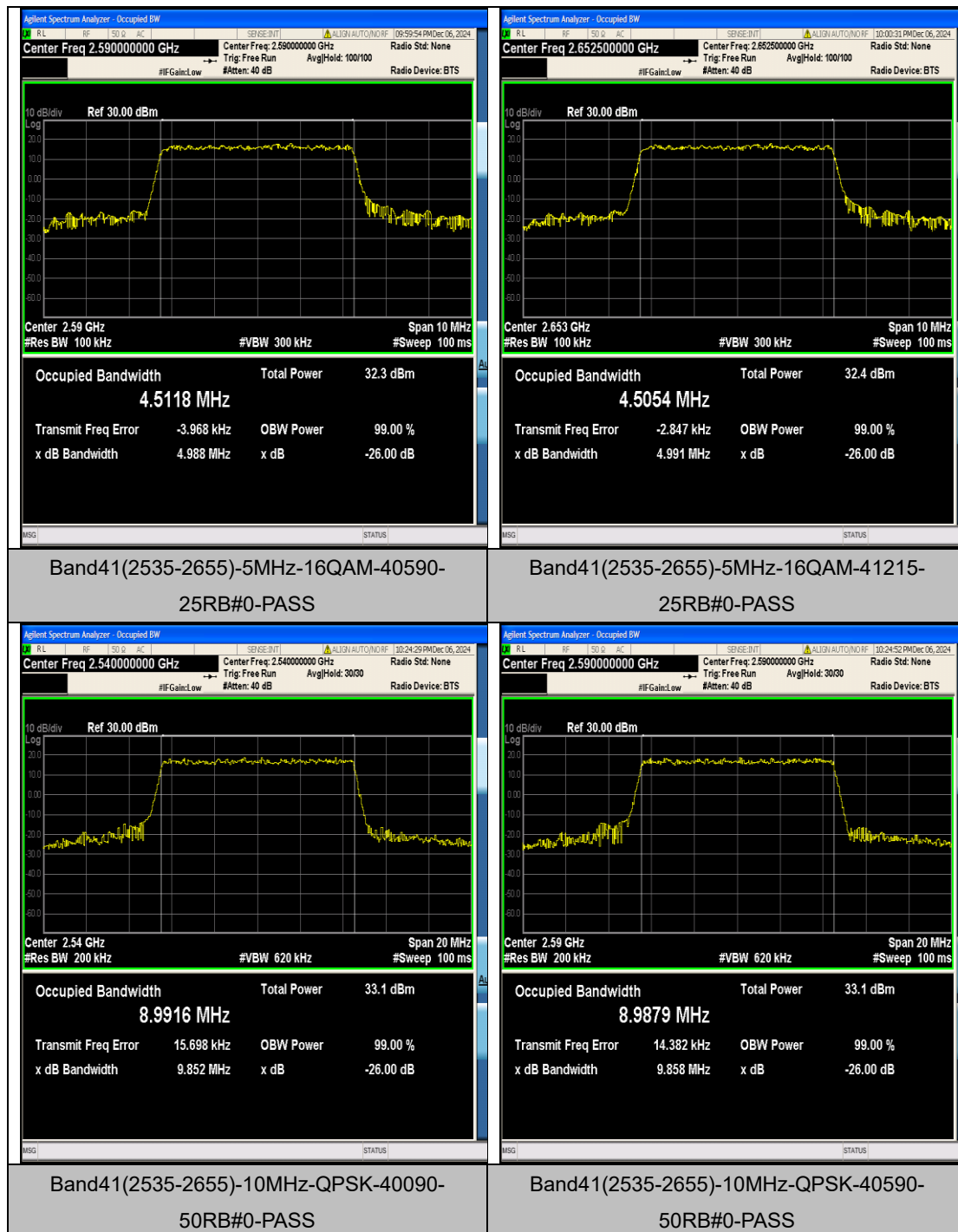
Test Result

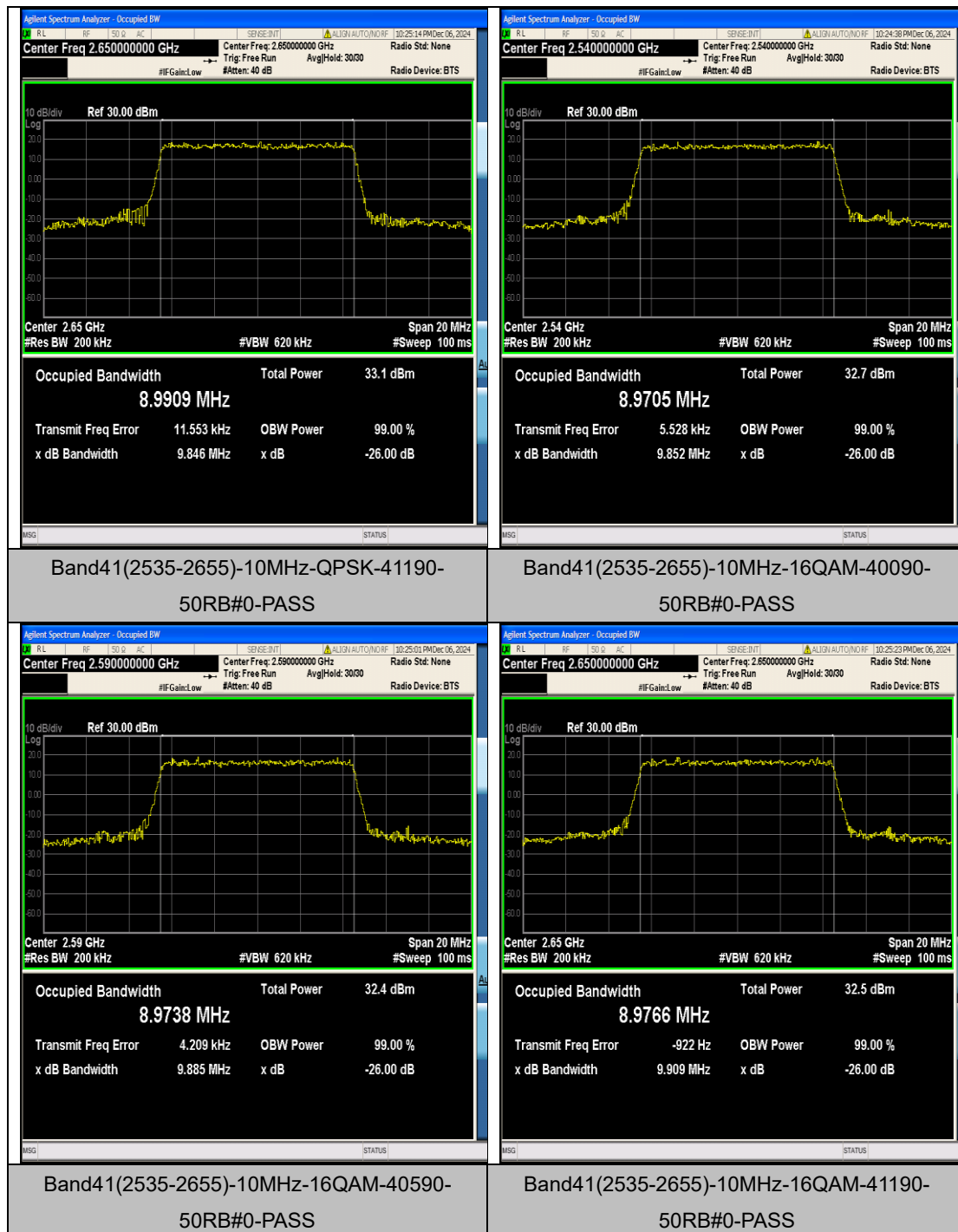
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	4.5001	4.970	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	4.5031	4.973	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.5049	4.950	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	4.5100	5.002	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	4.5118	4.988	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	4.5054	4.991	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	8.9916	9.852	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	8.9879	9.858	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	8.9909	9.846	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	8.9705	9.852	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	8.9738	9.885	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.9766	9.909	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	13.508	14.82	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	13.479	14.96	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	13.500	14.89	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.459	14.89	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	13.470	14.90	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	13.462	14.85	PASS

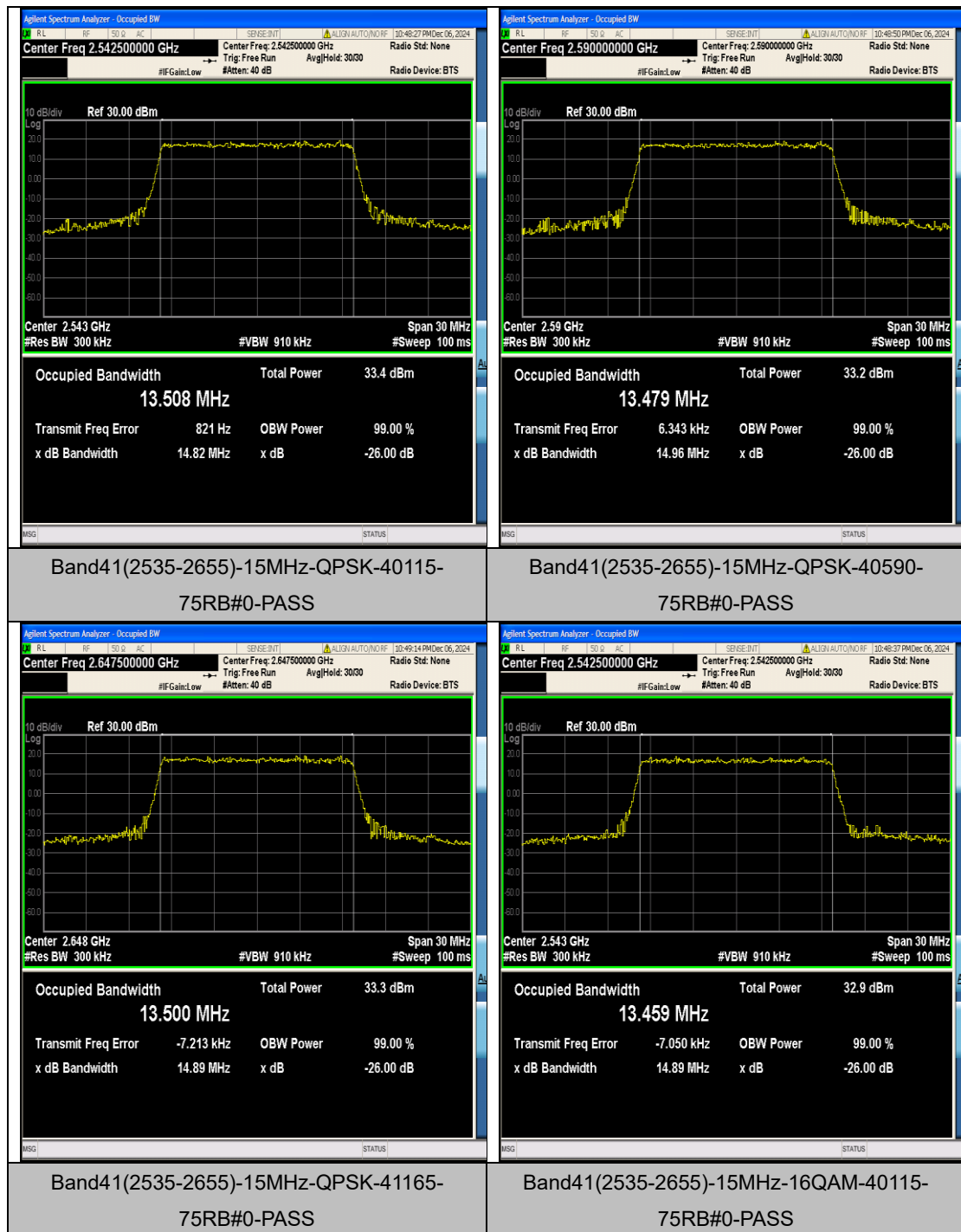
2655)							
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	17.969	19.66	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	17.971	19.55	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	17.986	19.57	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	17.956	19.64	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	17.930	19.65	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	17.919	19.69	PASS

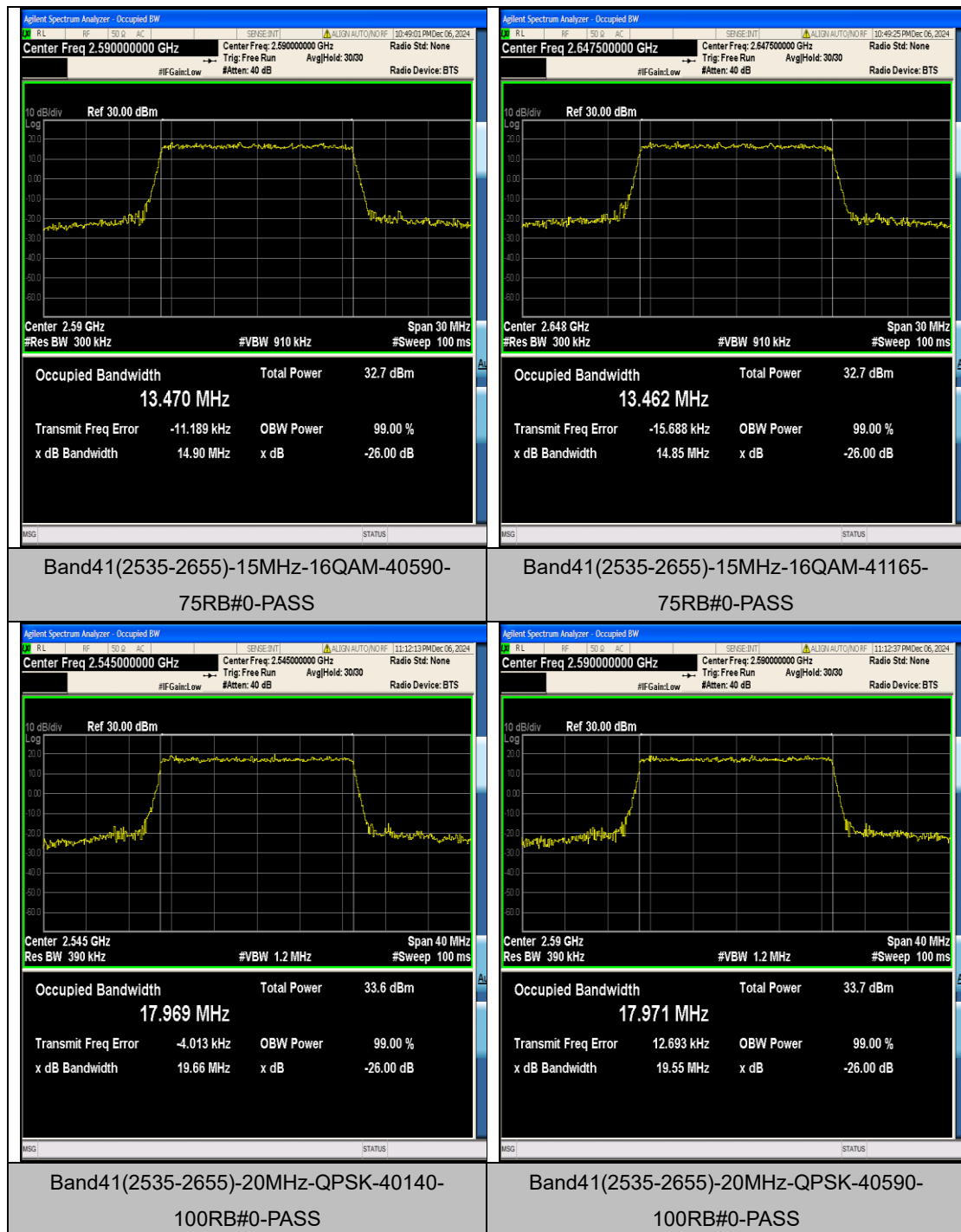
Test Graphs

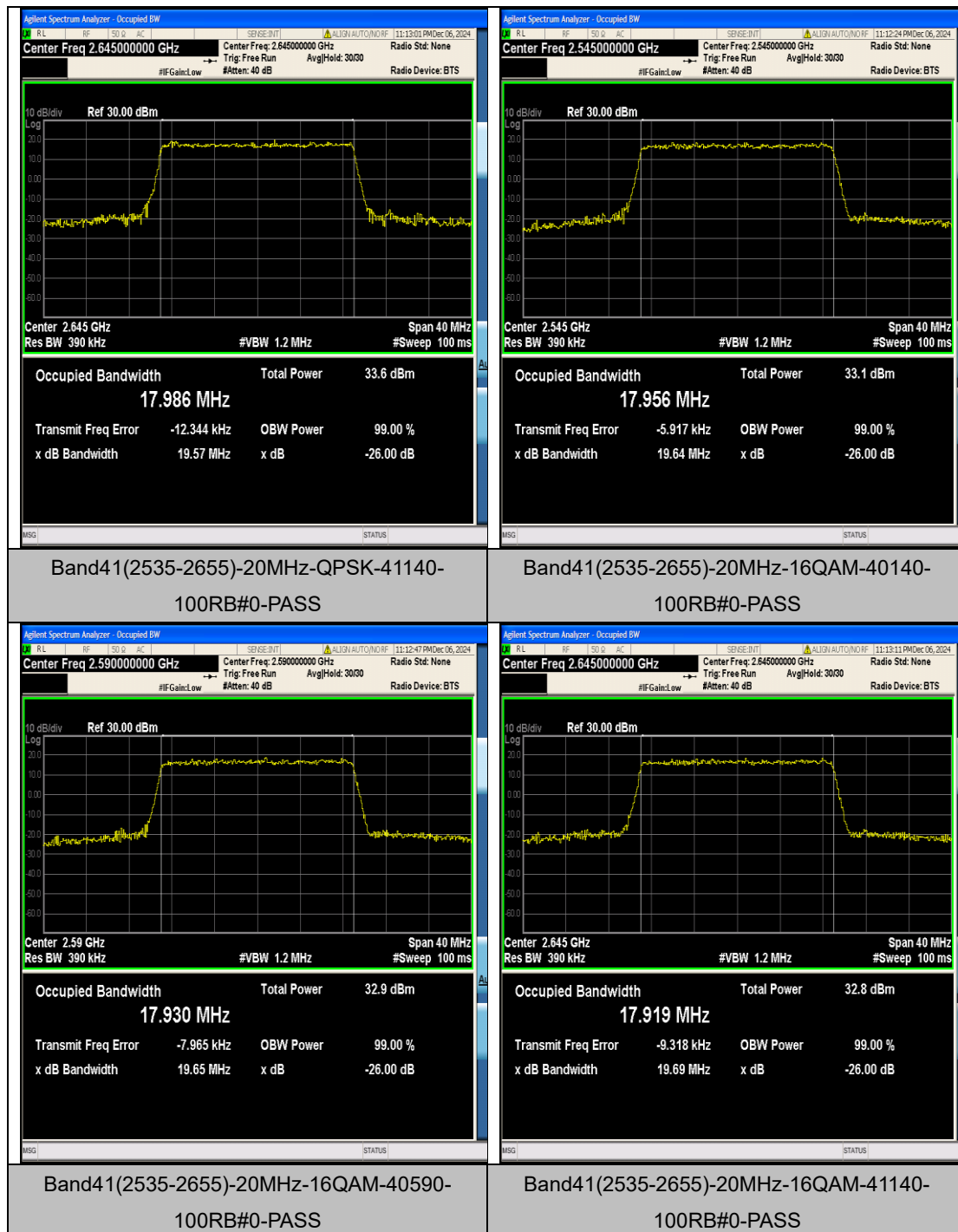










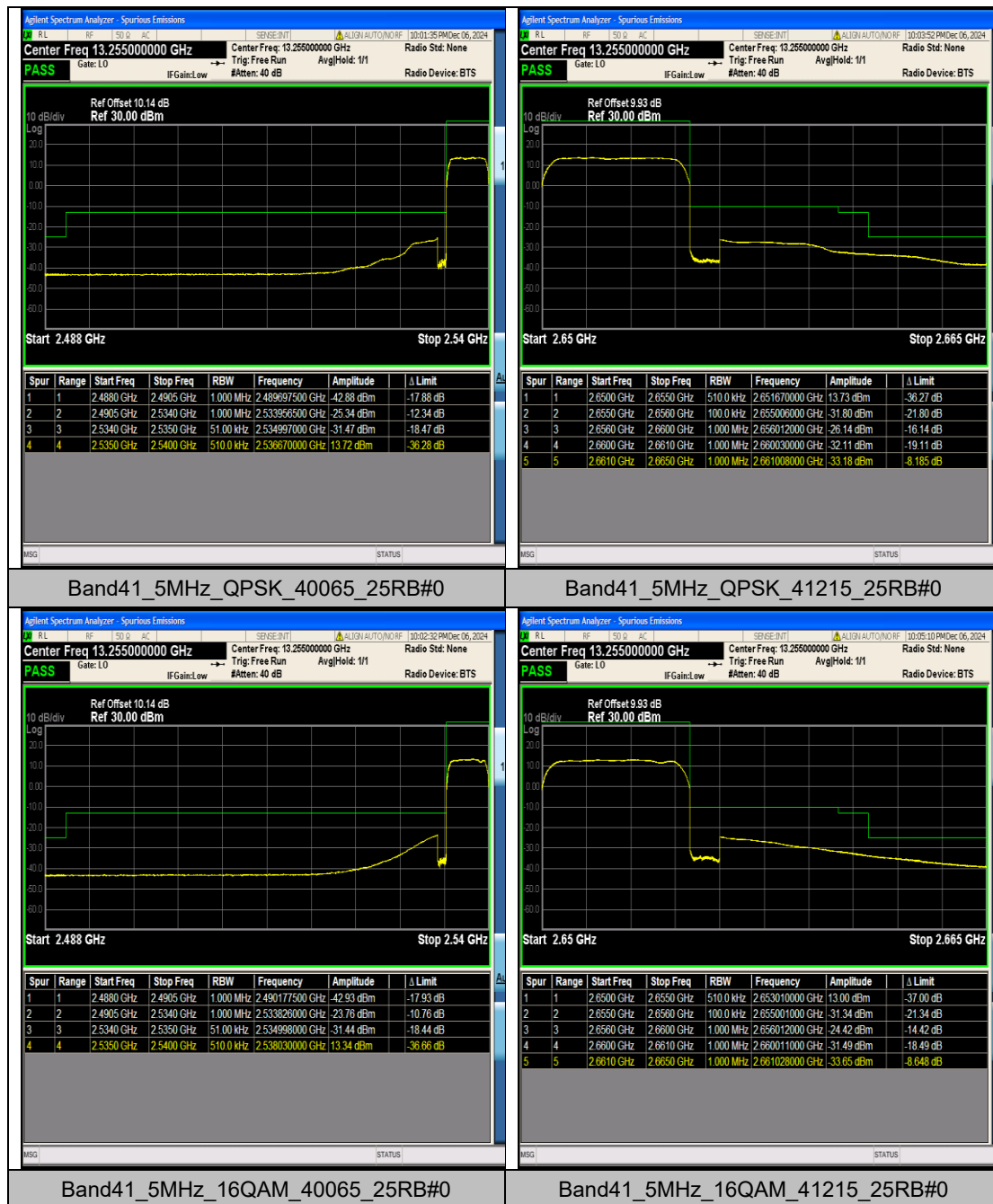


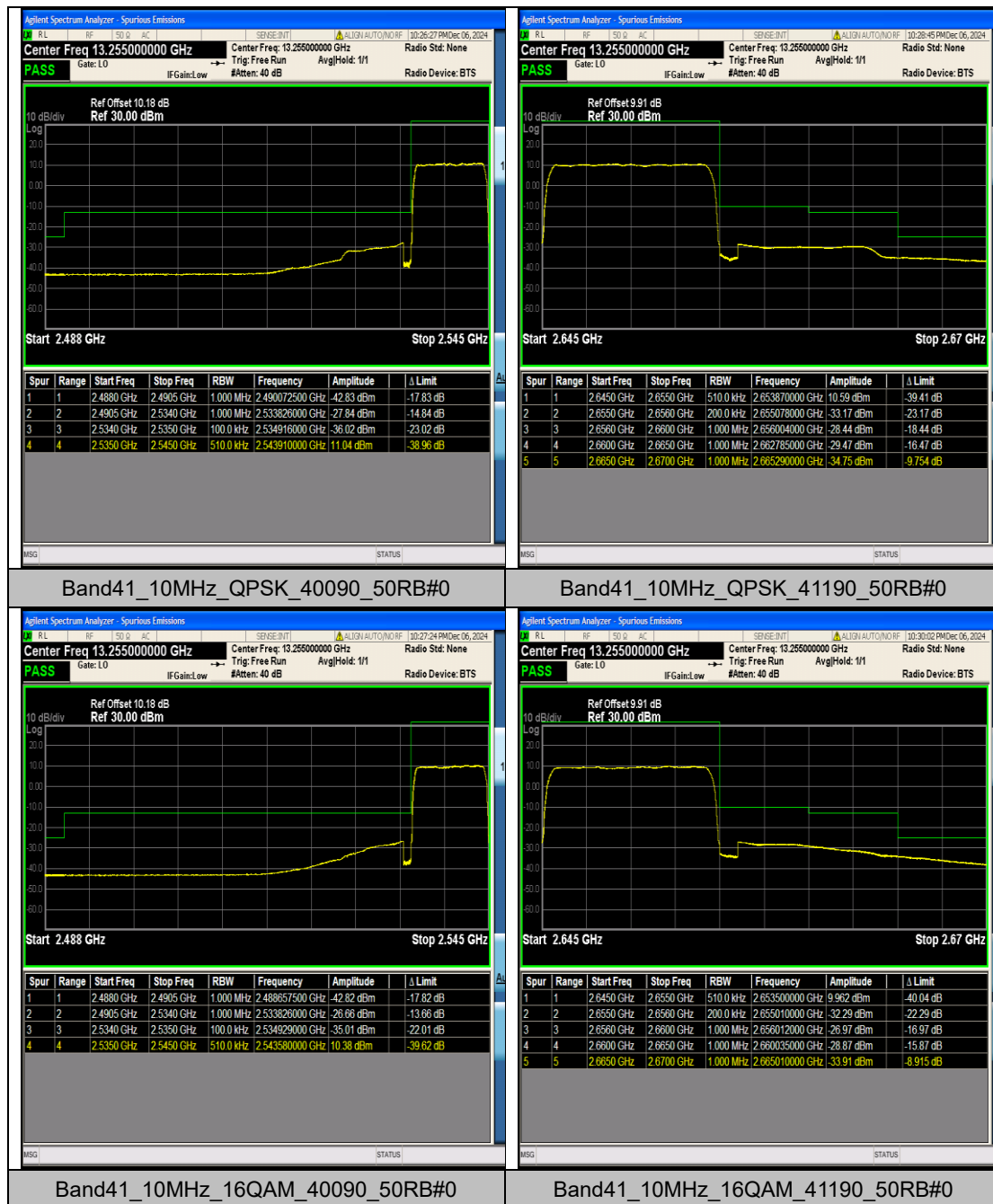
Appendix D: Band Edge

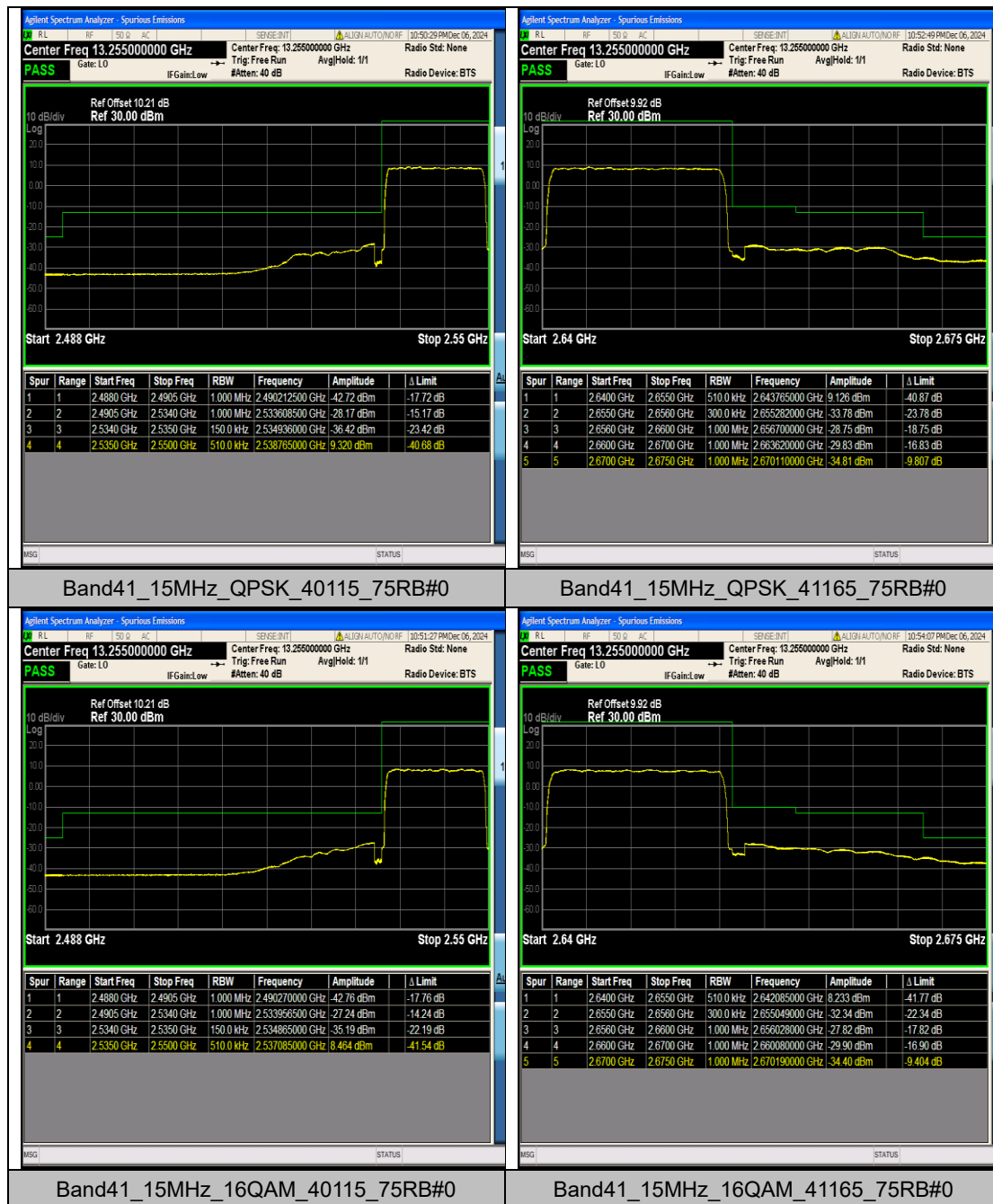
Test Result

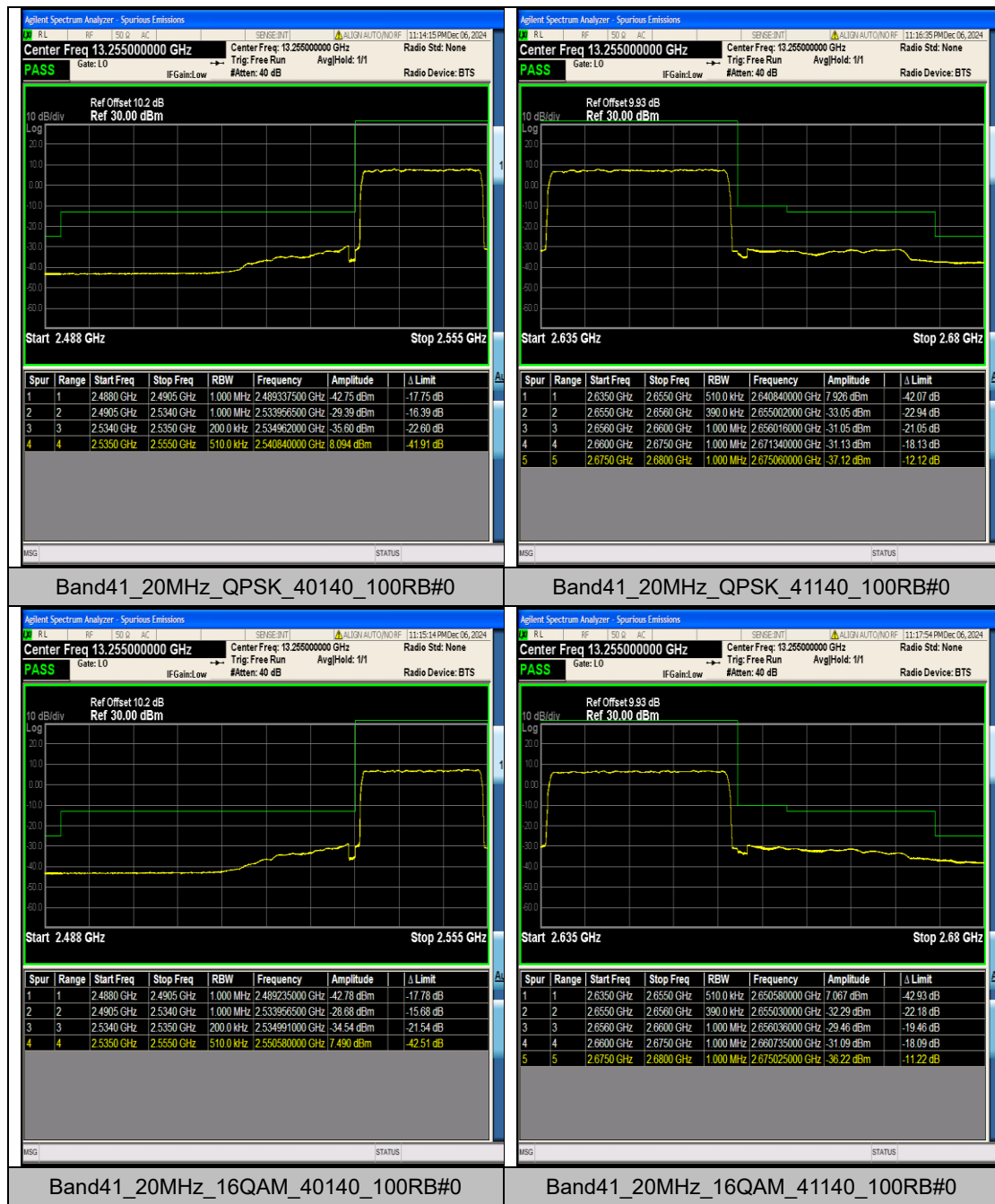
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	-25.34	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	-33.18	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	-23.76	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	-33.65	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	-27.84	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	-34.75	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	-26.66	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	-33.91	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	-28.17	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	-34.81	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	-27.24	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	-34.40	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	-29.39	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	-37.12	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	-28.68	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	-36.22	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	0.009~0.15	-67.77	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	0.15~30	-63.83	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	30~1000	-61.94	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	1000~20000	-35.36	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	20000~27000	-32.28	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.009~0.15	-68.95	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.15~30	-61.10	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	30~1000	-62.05	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	1000~20000	-35.64	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	20000~27000	-32.07	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.009~0.15	-68.26	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.15~30	-61.63	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	30~1000	-61.72	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	1000~20000	-34.46	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	20000~27000	-32.25	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.009~0.15	-67.81	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.15~30	-60.76	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	30~1000	-49.99	PASS

Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	1000~20000	- 38.42	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	20000~27000	- 31.71	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.009~0.15	- 67.79	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.15~30	- 62.34	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	30~1000	- 61.90	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	1000~20000	- 35.82	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	20000~27000	- 32.36	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.009~0.15	- 69.76	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.15~30	- 61.51	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	30~1000	- 61.83	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	1000~20000	- 36.97	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	20000~27000	- 32.27	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.009~0.15	- 66.50	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.15~30	- 61.08	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	30~1000	- 61.94	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	1000~20000	- 36.11	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	20000~27000	- 32.15	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.009~0.15	- 68.06	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.15~30	- 62.19	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	30~1000	- 62.09	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	1000~20000	- 38.77	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	20000~27000	- 31.98	PASS

Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.009~0.15	- 67.28	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.15~30	- 60.74	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	30~1000	- 62.16	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	1000~20000	- 35.99	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	20000~27000	- 32.12	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.009~0.15	- 69.18	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.15~30	- 62.71	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	30~1000	- 61.87	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	1000~20000	- 38.79	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	20000~27000	- 32.14	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.009~0.15	- 65.35	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.15~30	- 63.17	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	30~1000	- 61.82	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	1000~20000	- 38.53	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	20000~27000	- 32.19	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.009~0.15	- 65.91	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.15~30	- 62.31	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	30~1000	- 61.91	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	1000~20000	- 37.52	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	20000~27000	- 32.22	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.009~0.15	- 69.44	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.15~30	- 64.20	PASS

Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	30~1000	- 61.77	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	1000~20000	- 37.66	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	20000~27000	- 32.14	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.009~0.15	- 69.56	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.15~30	- 61.81	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	30~1000	- 61.49	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	1000~20000	- 38.16	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	20000~27000	- 32.29	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.009~0.15	- 68.35	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.15~30	- 59.76	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	30~1000	- 61.95	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	1000~20000	- 38.26	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	20000~27000	- 32.22	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.009~0.15	- 67.44	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.15~30	- 64.29	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	30~1000	- 62.00	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	1000~20000	- 38.72	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	20000~27000	- 31.88	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.009~0.15	- 65.91	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.15~30	- 63.23	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	30~1000	- 61.99	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	1000~20000	- 38.76	PASS

Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	20000~27000	- 32.28	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.009~0.15	- 67.25	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.15~30	- 62.45	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	30~1000	- 61.76	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	1000~20000	- 38.00	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	20000~27000	- 32.29	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.009~0.15	- 68.80	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.15~30	- 62.63	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	30~1000	- 61.92	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	1000~20000	- 38.19	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	20000~27000	- 32.26	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.009~0.15	- 67.29	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.15~30	- 61.48	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	30~1000	- 61.80	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	1000~20000	- 38.27	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	20000~27000	- 32.23	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.009~0.15	- 68.05	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.15~30	- 61.49	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	30~1000	- 61.69	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	1000~20000	- 38.35	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	20000~27000	- 32.26	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.009~0.15	- 67.84	PASS

Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.15~30	- 61.76	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	30~1000	- 61.80	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	1000~20000	- 38.26	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	20000~27000	- 32.13	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.009~0.15	- 69.35	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.15~30	- 60.72	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	30~1000	- 61.93	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	1000~20000	- 38.21	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	20000~27000	- 32.19	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.009~0.15	- 68.00	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.15~30	- 61.79	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	30~1000	- 61.79	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	1000~20000	- 38.65	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	20000~27000	- 32.14	PASS

Test Graphs

