

FCC LTE Band Test Data

FCC ID : 2A7YZ-CUL8JN

Company: : Shenzhen Alldocube Science and Technology Co., Ltd.

EUT : Pad

Model Number : CUL8JN

Reviewed By : Eric Wang

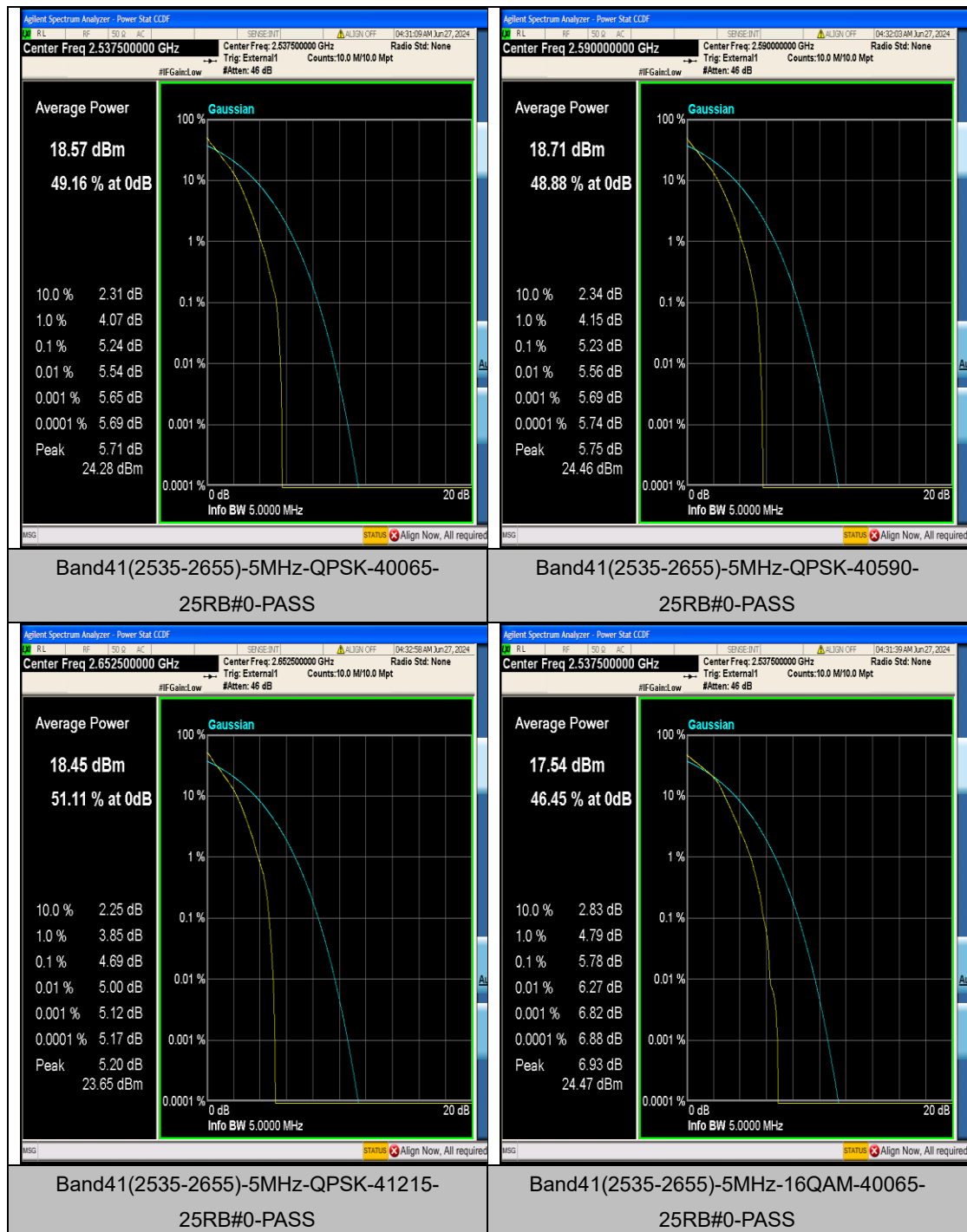
Appendix B: Peak-to-Average Ratio(CCDF)

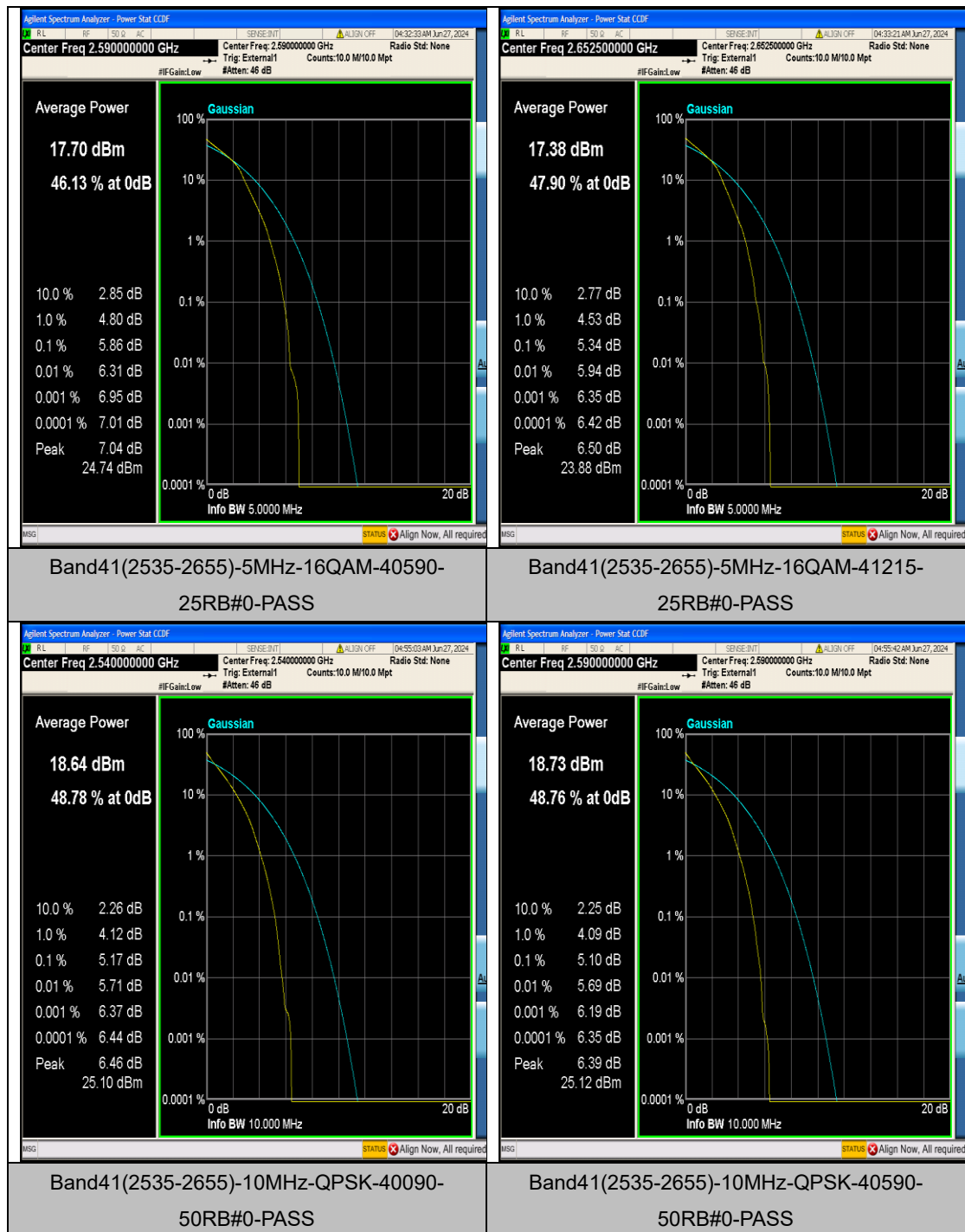
Test Result

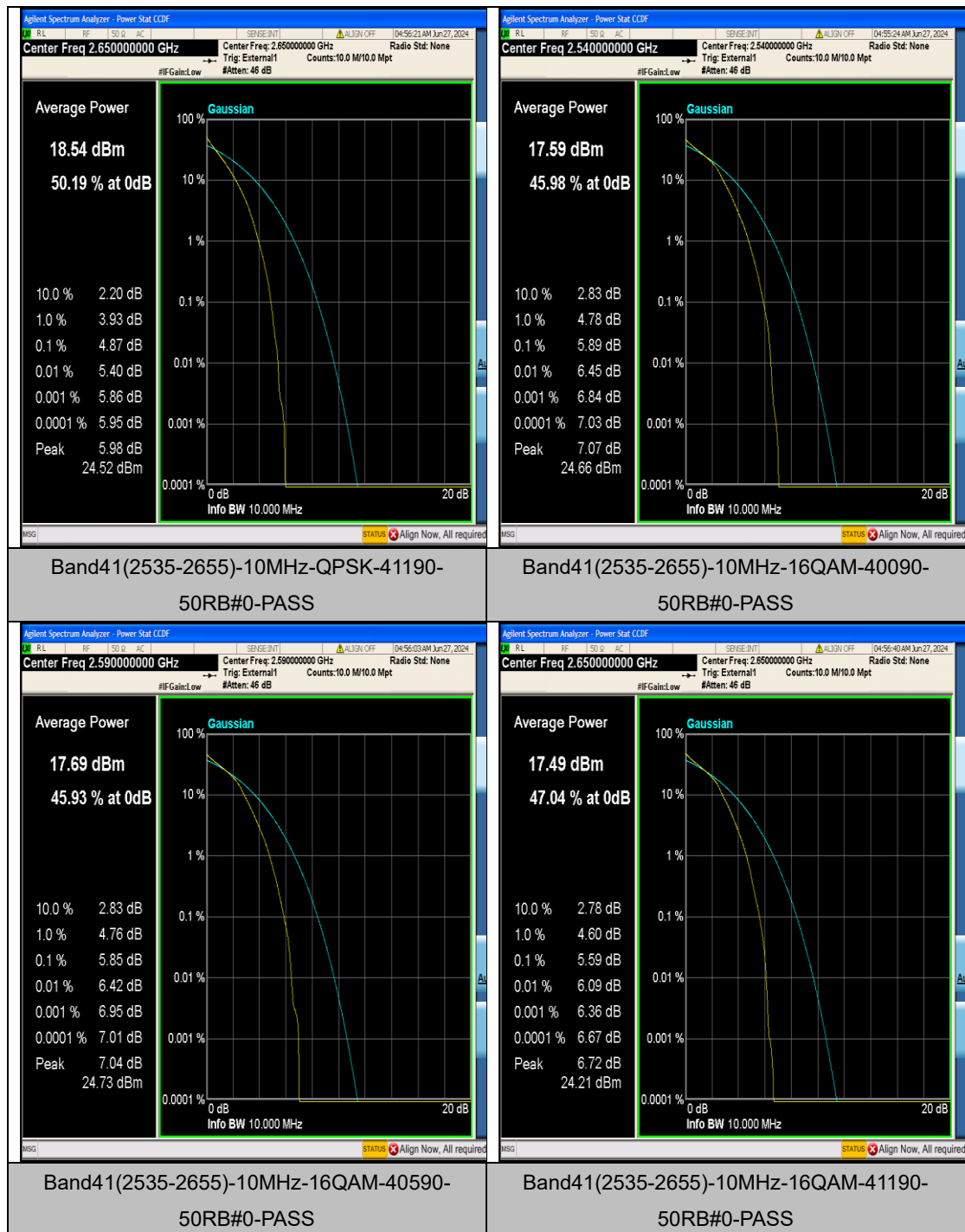
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	5.24	13	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	5.23	13	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.69	13	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	5.78	13	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	5.86	13	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	5.34	13	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	5.17	13	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	5.10	13	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	4.87	13	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	5.89	13	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	5.85	13	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	5.59	13	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	5.50	13	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	5.29	13	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	5.20	13	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	6.07	13	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	5.95	13	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	5.90	13	PASS

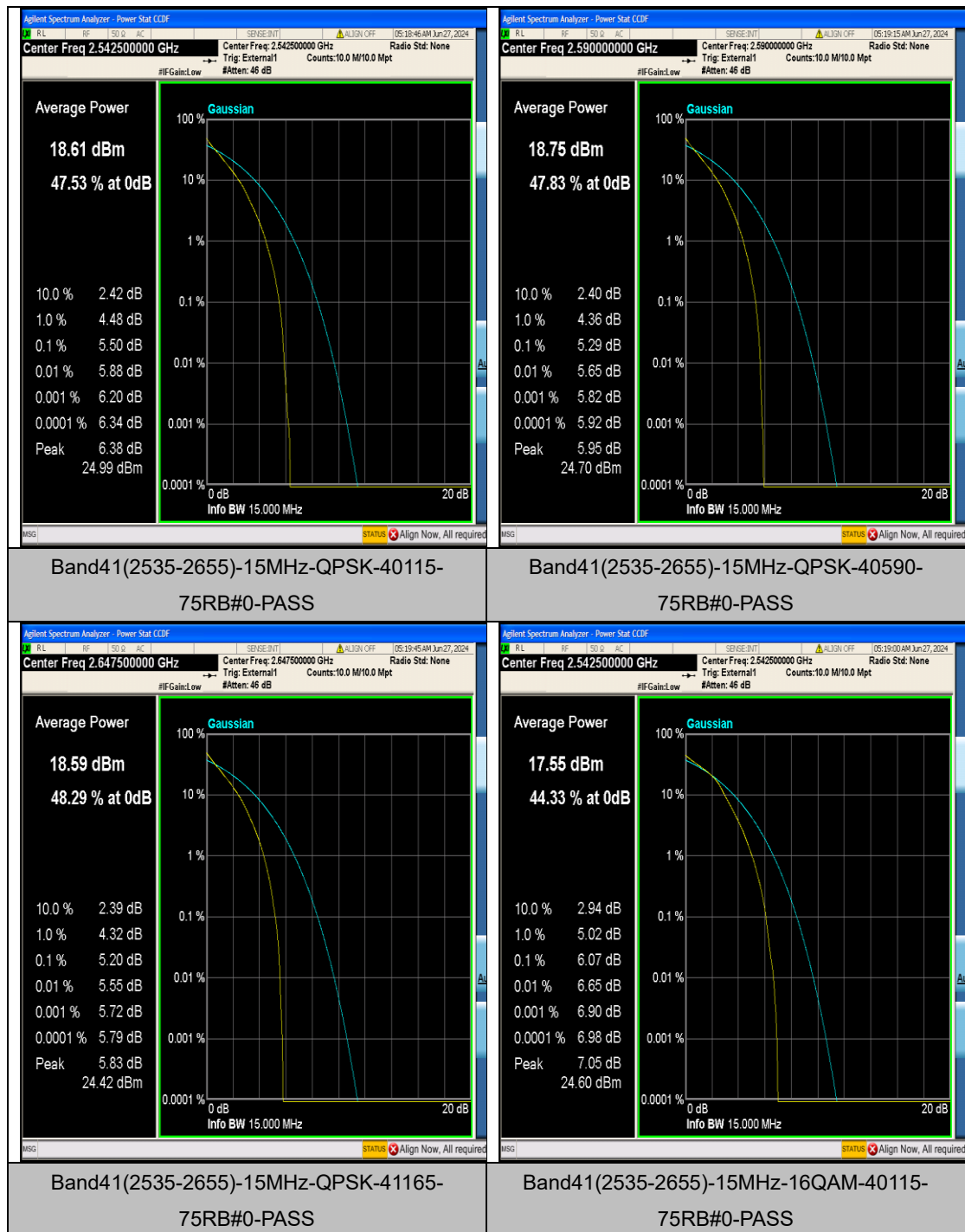
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	5.24	13	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	4.99	13	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	5.03	13	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	6.07	13	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	5.83	13	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	5.87	13	PASS

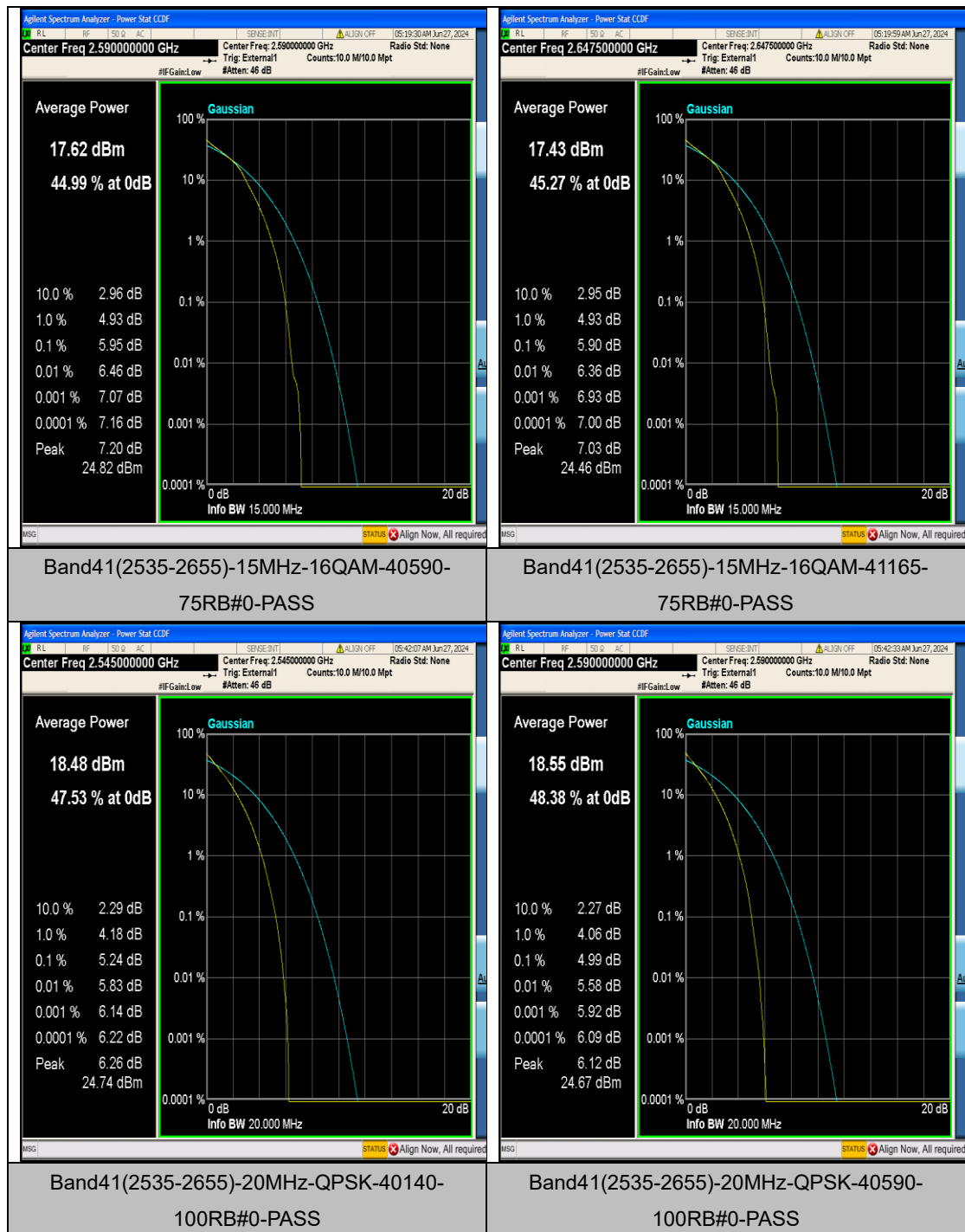
Test Graphs

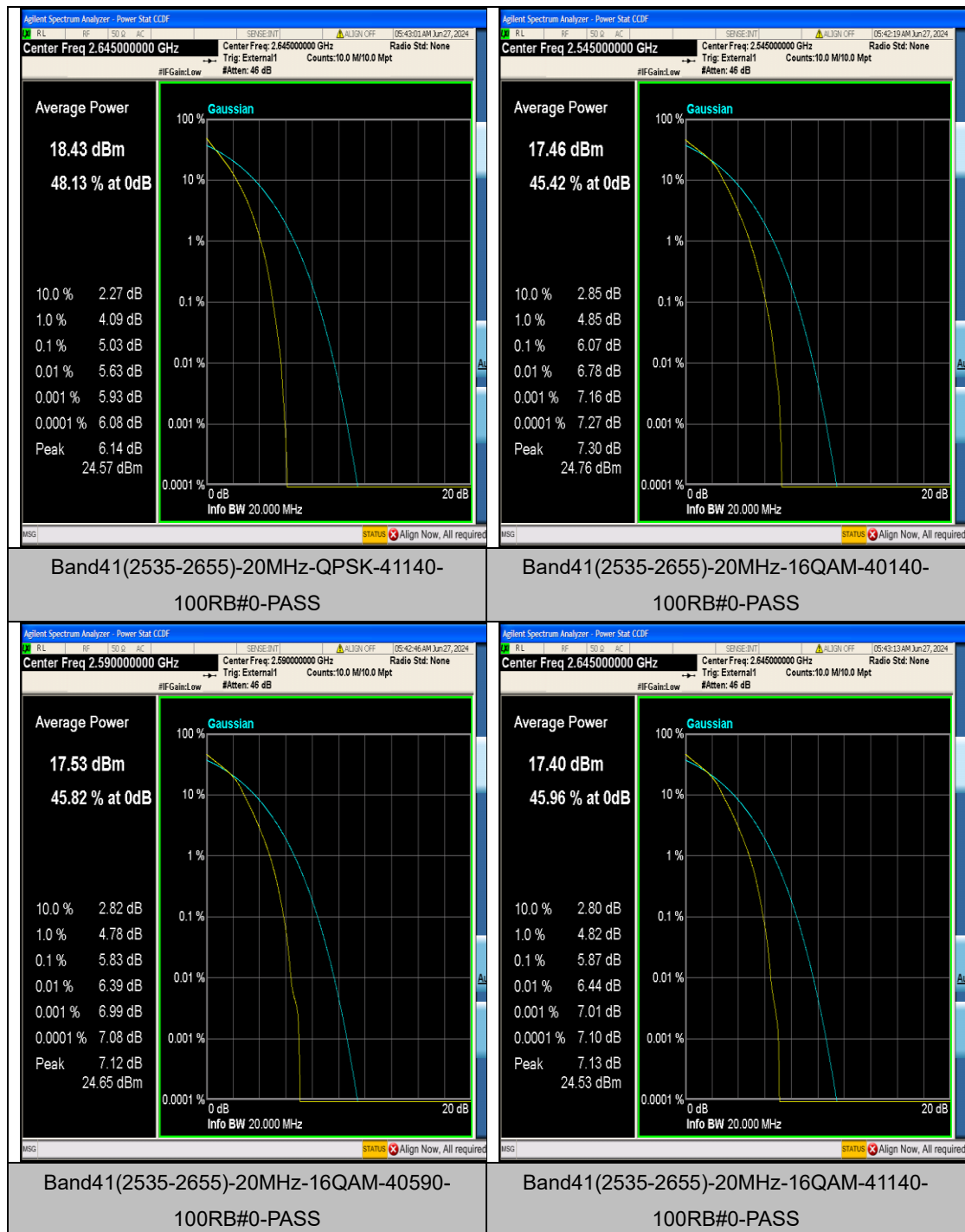












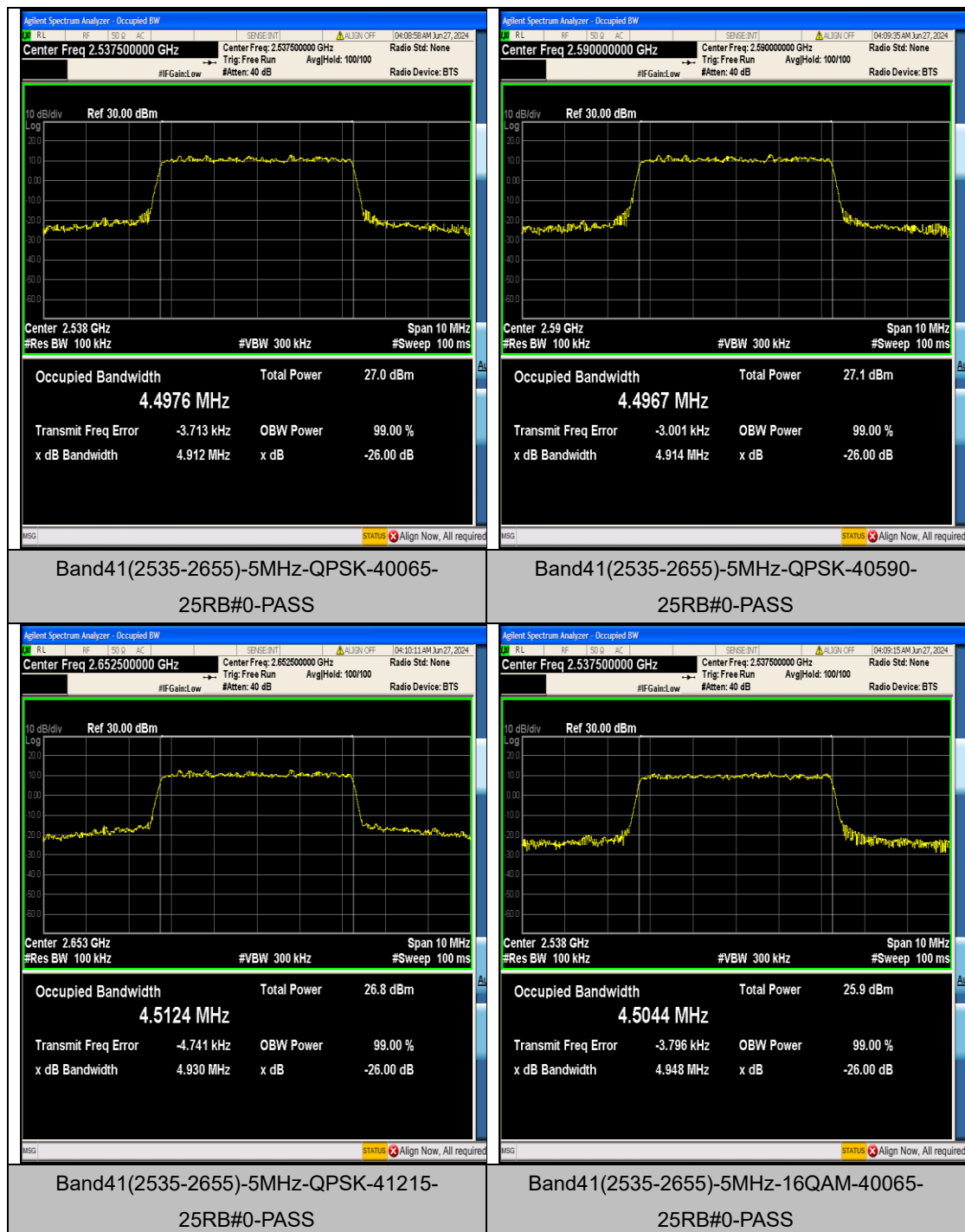
Appendix C: 26dB Bandwidth and Occupied Bandwidth

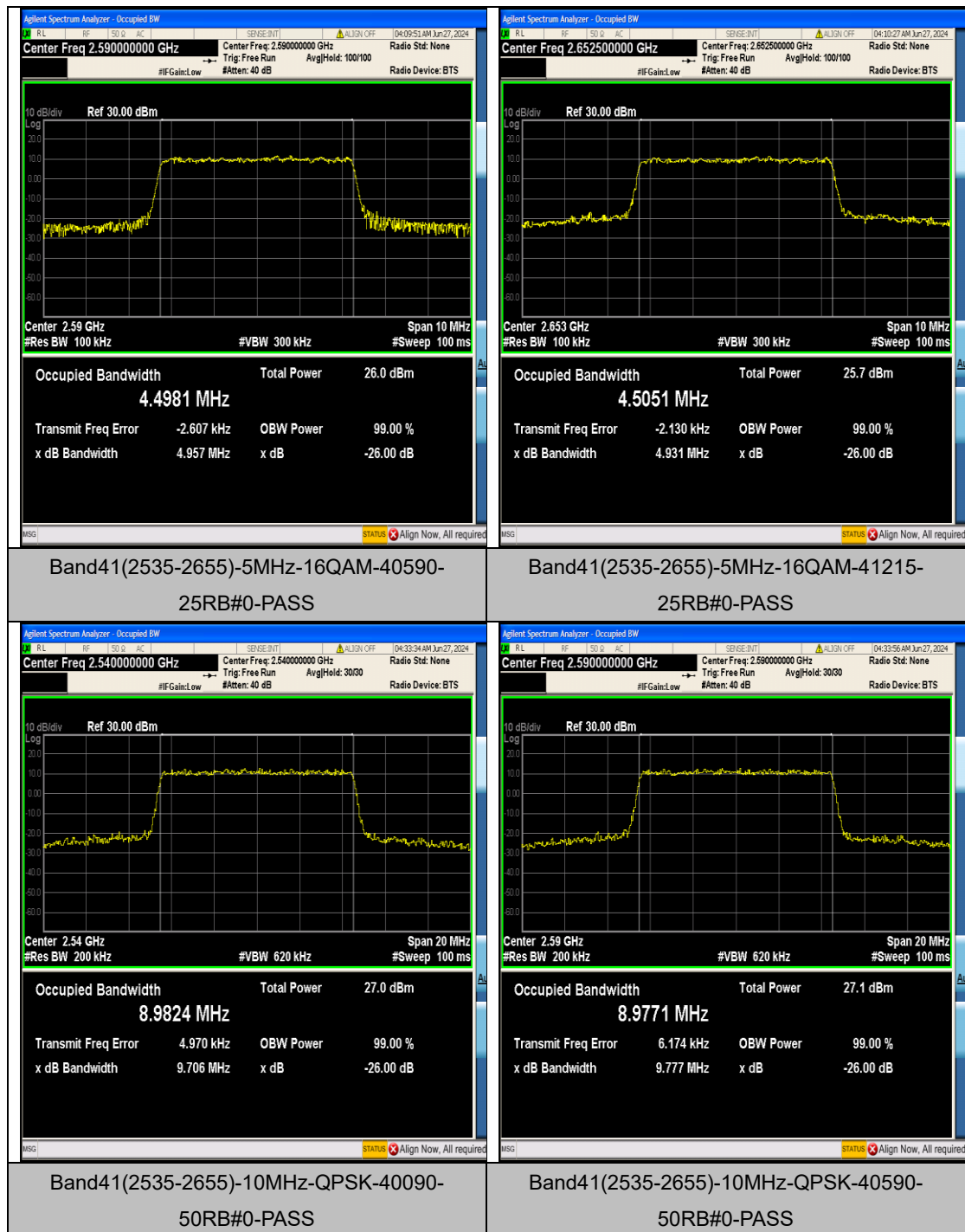
Test Result

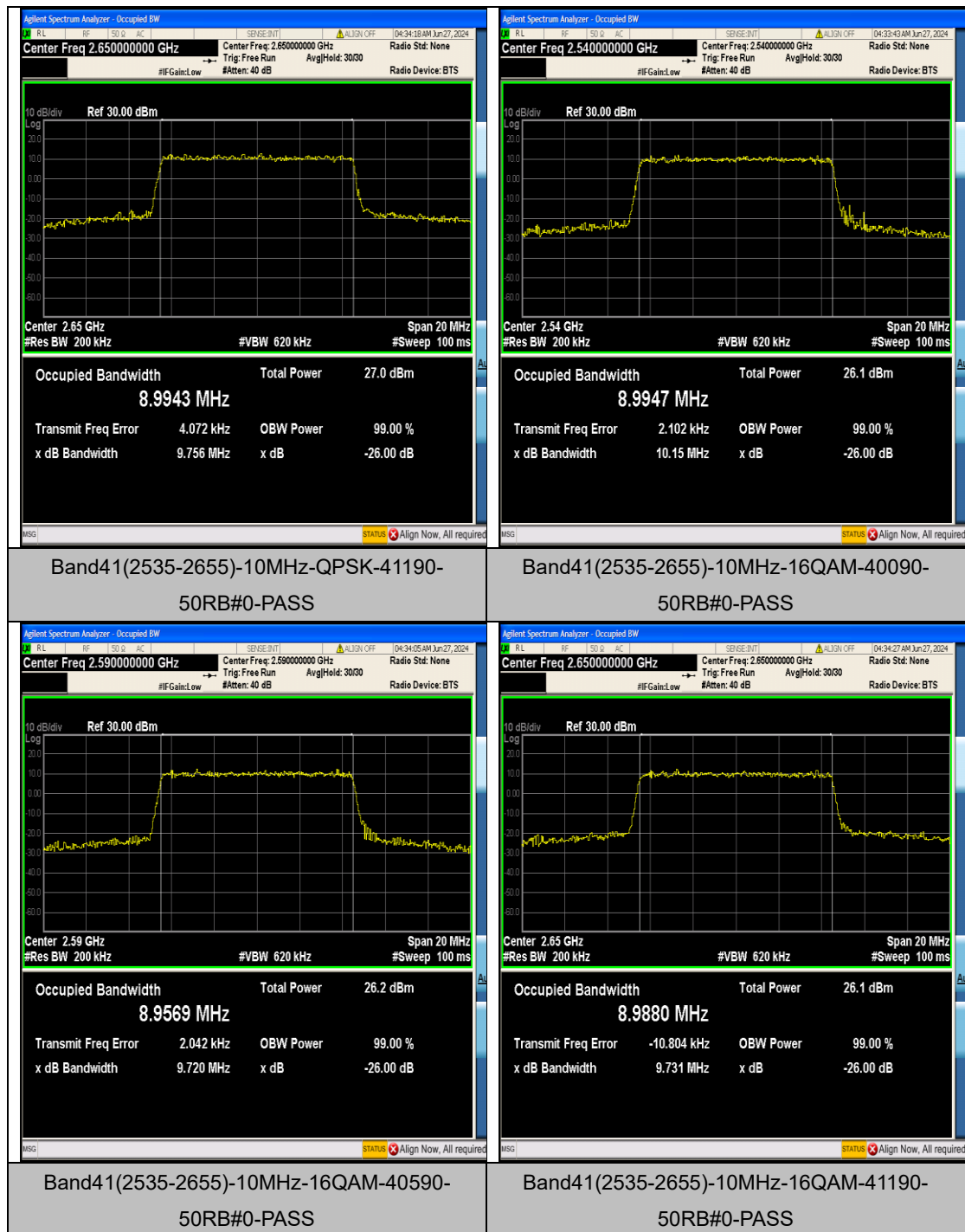
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	4.4976	4.912	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	4.4967	4.914	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.5124	4.930	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	4.5044	4.948	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	4.4981	4.957	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	4.5051	4.931	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	8.9824	9.706	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	8.9771	9.777	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	8.9943	9.756	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	8.9947	10.15	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	8.9569	9.720	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.9880	9.731	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	13.483	14.65	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	13.472	14.68	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	13.511	15.03	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.466	14.96	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	13.463	14.85	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	13.478	14.68	PASS

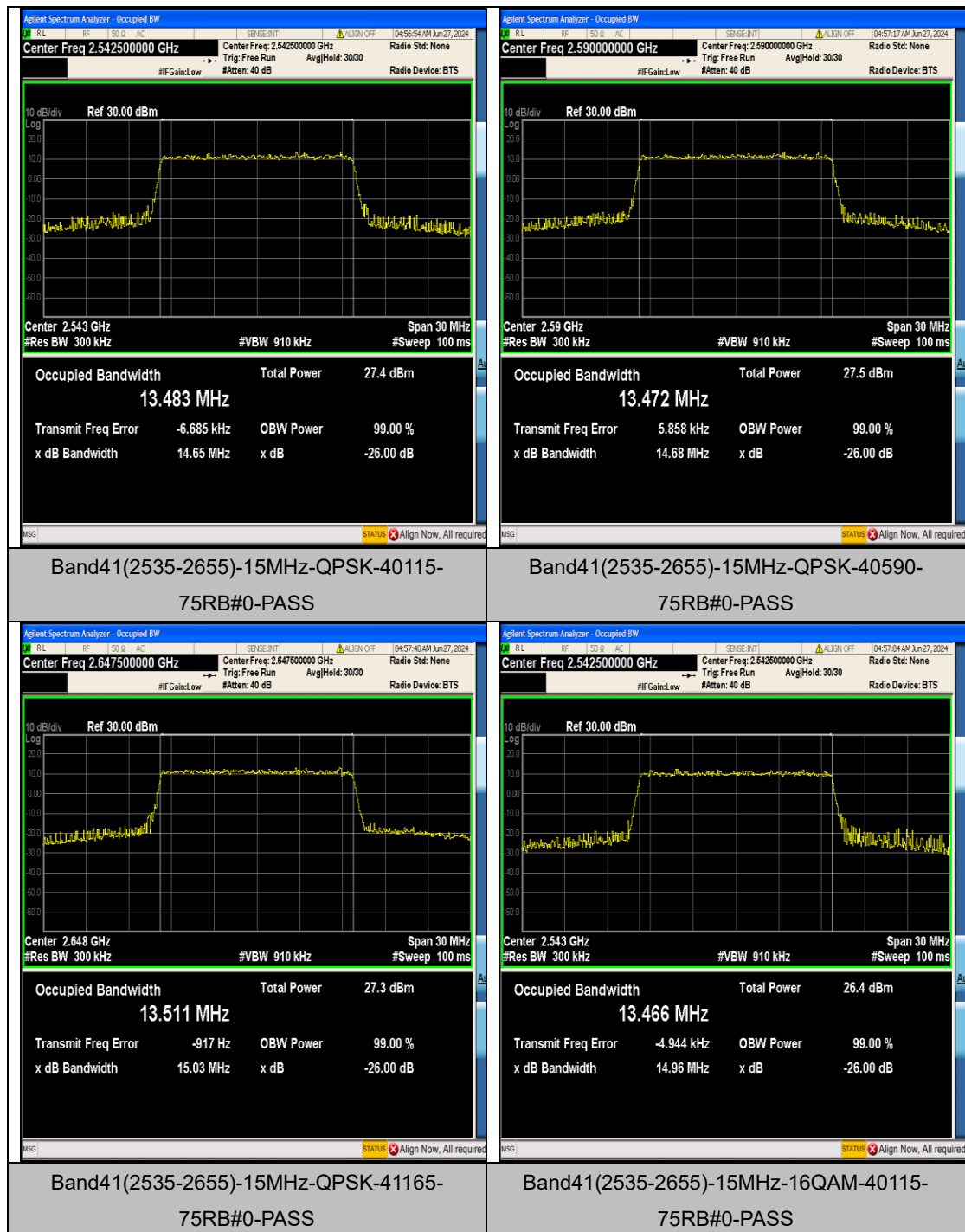
2655)							
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	17.930	19.63	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	17.949	19.28	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	17.952	19.83	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	17.932	19.38	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	17.912	19.34	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	17.944	19.38	PASS

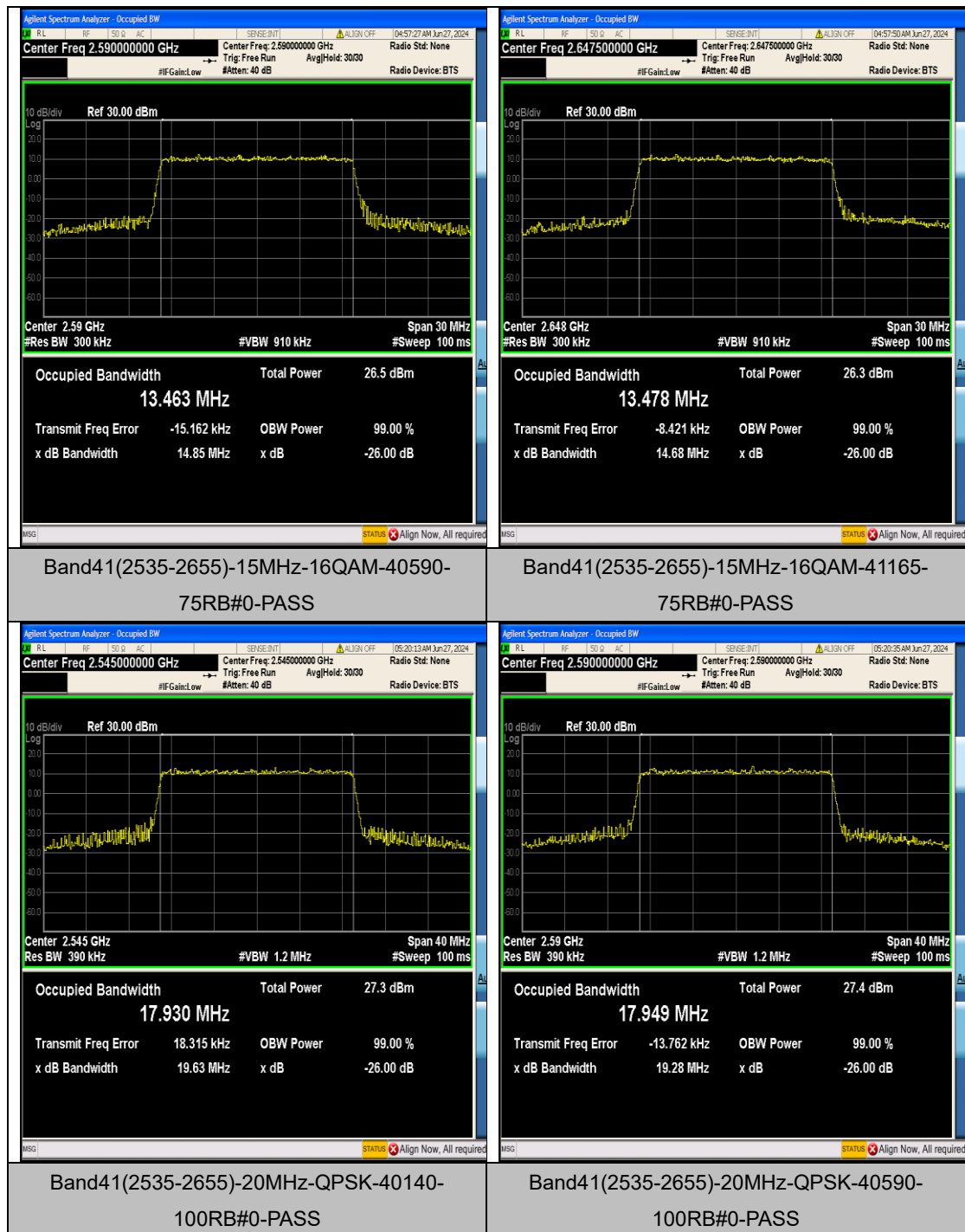
Test Graphs

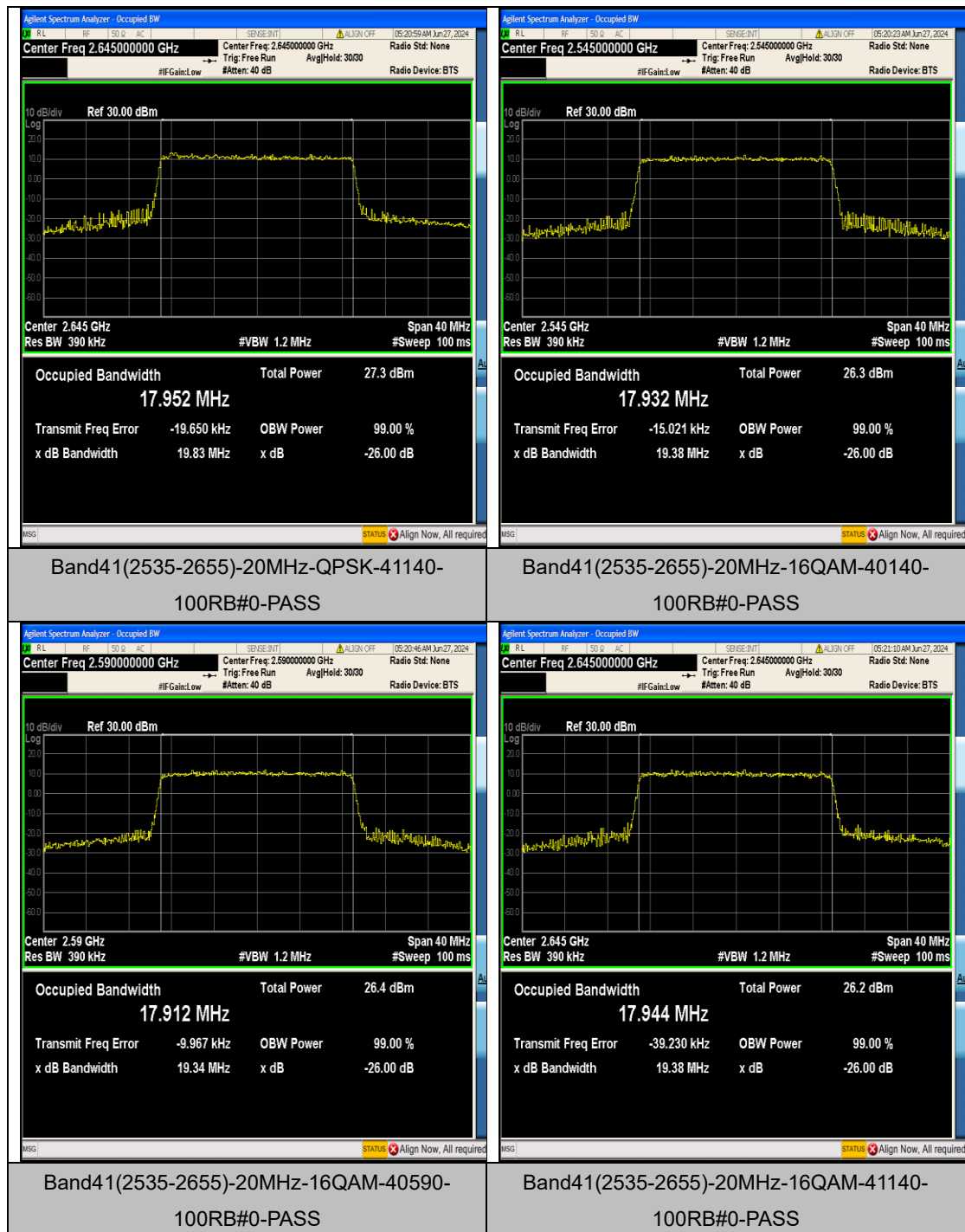










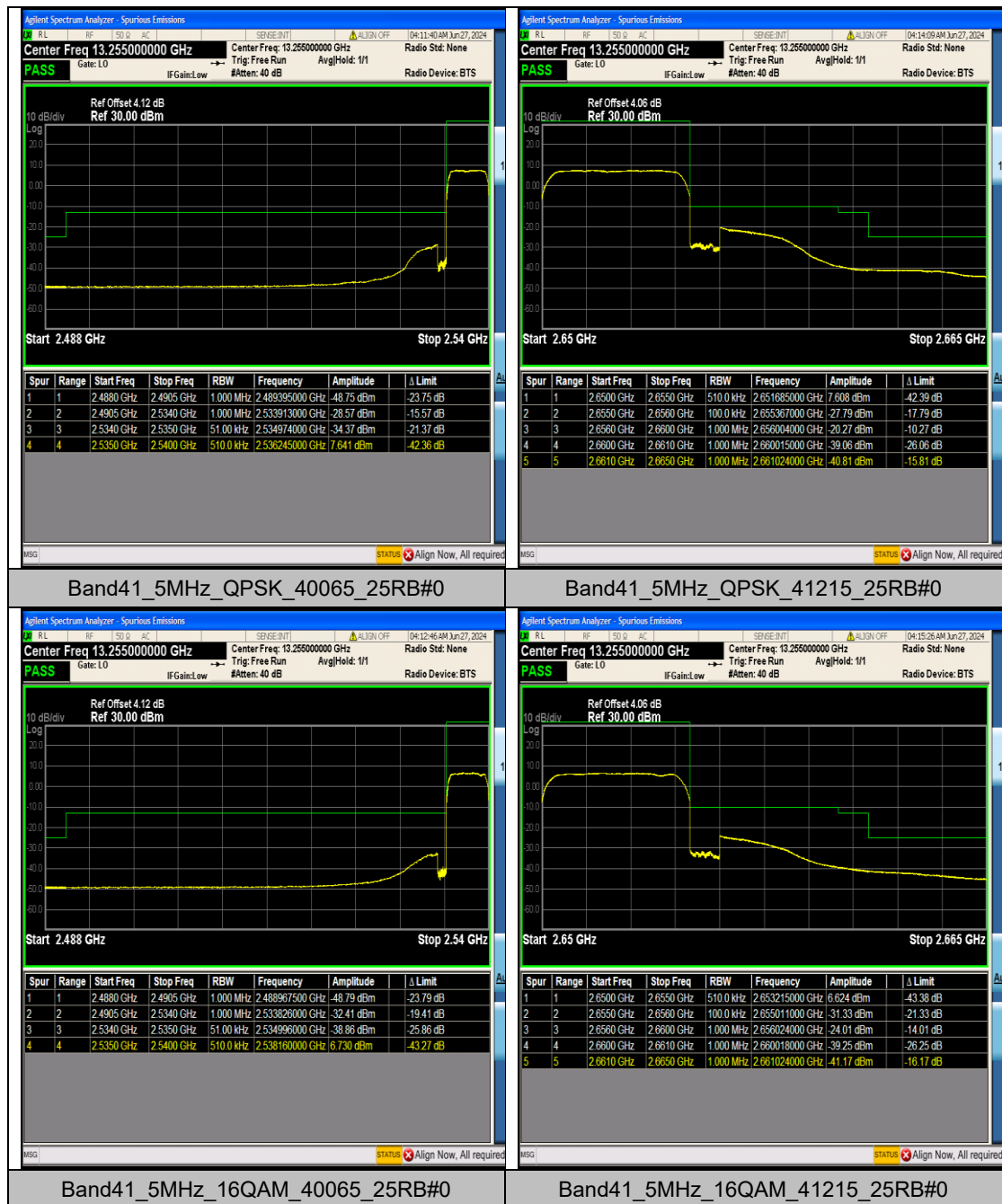


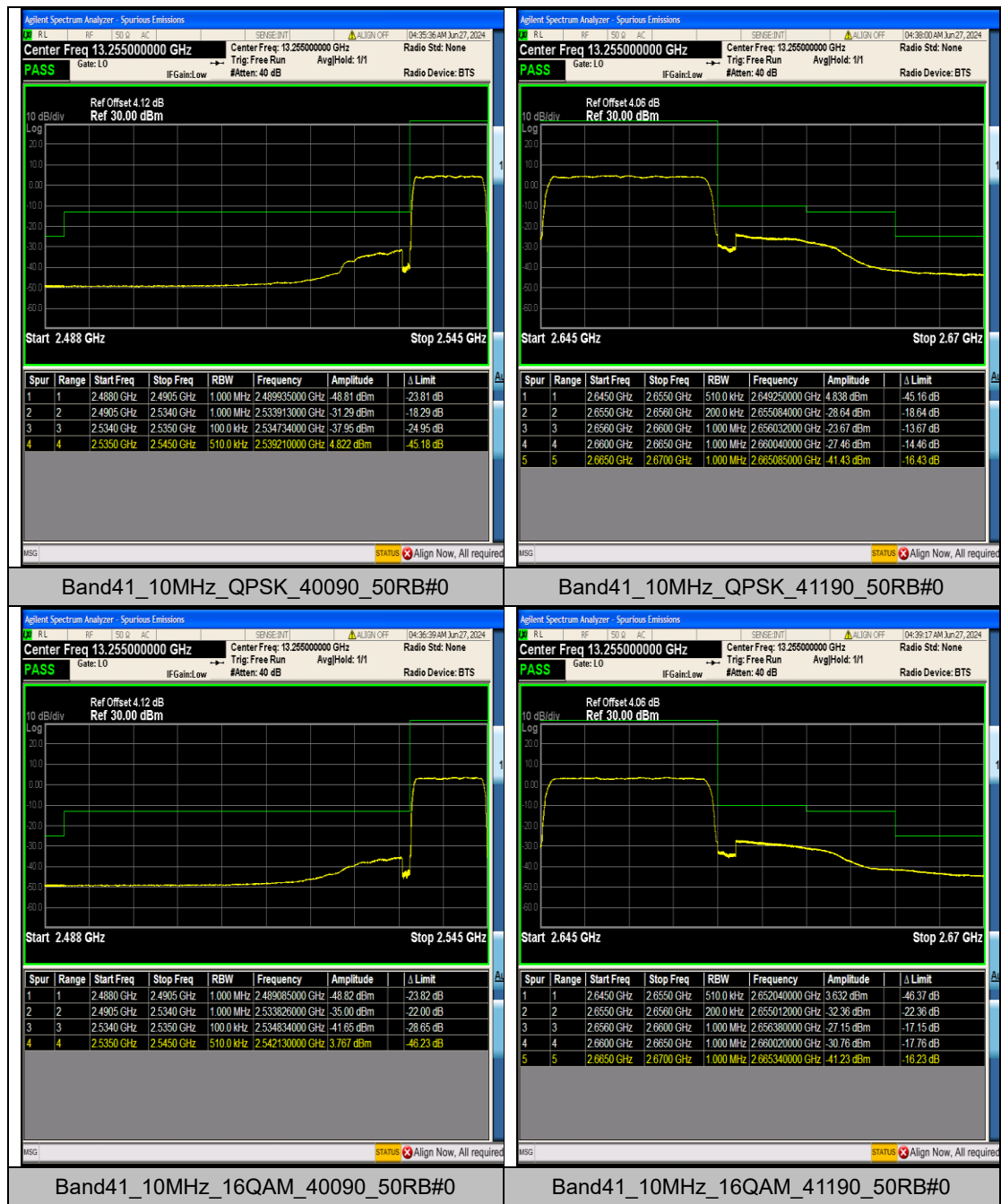
Appendix D: Band Edge

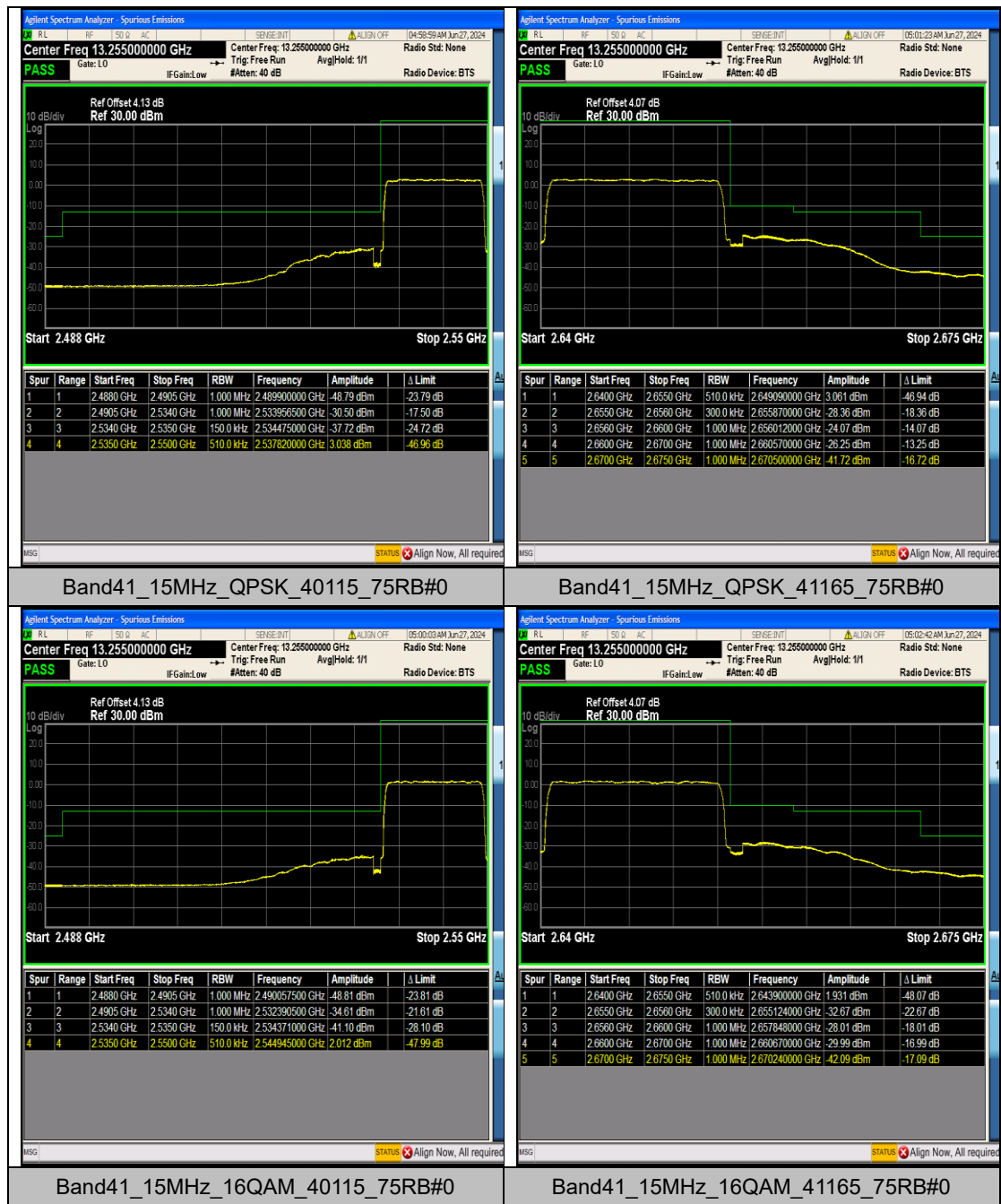
Test Result

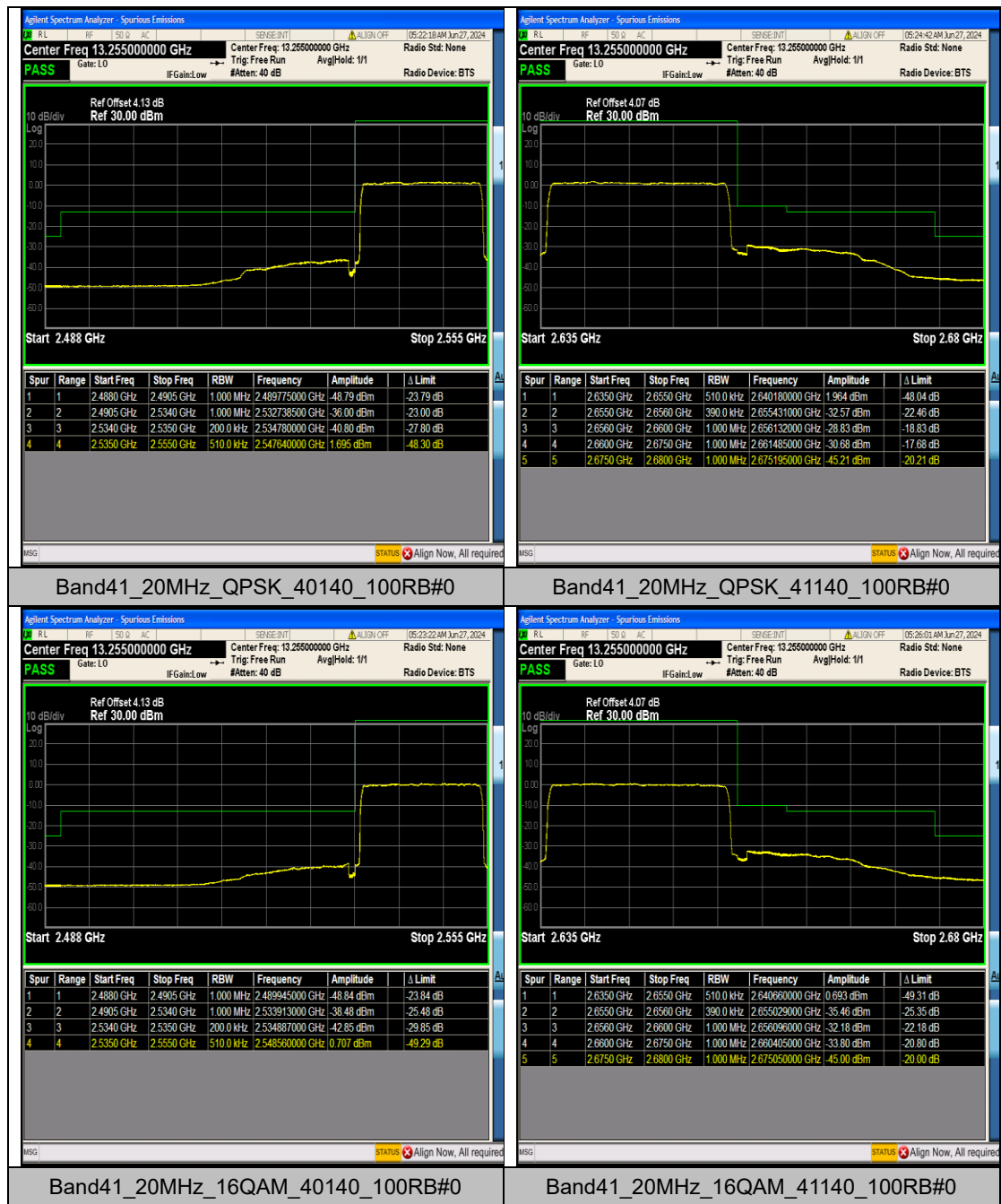
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	-28.57	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	-20.27	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	-32.41	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	-24.01	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	-31.29	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	-23.67	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	-35.00	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	-41.23	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	-30.50	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	-26.25	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	-34.61	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	-29.99	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	-36.00	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	-30.68	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	-48.84	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	-45.00	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	-74.39	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	0.15~30	-66.68	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	30~1000	-66.85	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	1000~20000	-44.94	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	20000~27000	-39.68	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.009~0.15	-74.52	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.15~30	-67.23	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	30~1000	-66.57	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	1000~20000	-44.36	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	20000~27000	-39.85	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.009~0.15	-74.99	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.15~30	-68.51	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	30~1000	-66.58	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	1000~20000	-41.05	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	20000~27000	-39.60	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.009~0.15	-74.07	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.15~30	-65.43	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	30~1000	-66.76	PASS

Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	1000~20000	- 46.42	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	20000~27000	- 39.70	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.009~0.15	- 74.24	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.15~30	- 66.30	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	30~1000	- 66.43	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	1000~20000	- 44.32	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	20000~27000	- 39.76	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.009~0.15	- 70.81	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.15~30	- 66.77	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	30~1000	- 66.64	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	1000~20000	- 42.89	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	20000~27000	- 39.86	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.009~0.15	- 72.01	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.15~30	- 66.33	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	30~1000	- 66.57	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	1000~20000	- 45.72	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	20000~27000	- 39.81	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.009~0.15	- 74.76	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.15~30	- 67.89	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	30~1000	- 66.66	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	1000~20000	- 46.32	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	20000~27000	- 39.17	PASS

Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.009~0.15	- 73.49	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.15~30	- 64.74	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	30~1000	- 66.61	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	1000~20000	- 44.40	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	20000~27000	- 39.57	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.009~0.15	- 73.07	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.15~30	- 68.19	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	30~1000	- 66.70	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	1000~20000	- 46.31	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	20000~27000	- 39.78	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.009~0.15	- 70.97	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.15~30	- 68.60	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	30~1000	- 66.47	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	1000~20000	- 45.91	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	20000~27000	- 39.59	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.009~0.15	- 73.91	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.15~30	- 64.63	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	30~1000	- 66.66	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	1000~20000	- 45.56	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	20000~27000	- 39.80	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.009~0.15	- 71.70	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.15~30	- 63.65	PASS

Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	30~1000	- 66.70	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	1000~20000	- 46.20	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	20000~27000	- 39.45	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.009~0.15	- 73.73	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.15~30	- 66.85	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	30~1000	- 66.41	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	1000~20000	- 45.62	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	20000~27000	- 39.51	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.009~0.15	- 72.79	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.15~30	- 66.31	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	30~1000	- 66.67	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	1000~20000	- 44.85	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	20000~27000	- 39.80	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.009~0.15	- 74.64	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.15~30	- 66.81	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	30~1000	- 66.67	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	1000~20000	- 46.21	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	20000~27000	- 39.59	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.009~0.15	- 73.66	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.15~30	- 66.18	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	30~1000	- 66.61	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	1000~20000	- 45.94	PASS

Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	20000~27000	- 39.26	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.009~0.15	- 74.02	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.15~30	- 64.88	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	30~1000	- 66.65	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	1000~20000	- 45.58	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	20000~27000	- 39.74	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.009~0.15	- 73.30	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.15~30	- 65.01	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	30~1000	- 66.62	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	1000~20000	- 45.84	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	20000~27000	- 39.93	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.009~0.15	- 73.03	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.15~30	- 66.91	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	30~1000	- 66.64	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	1000~20000	- 45.93	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	20000~27000	- 39.79	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.009~0.15	- 73.55	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.15~30	- 65.51	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	30~1000	- 65.87	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	1000~20000	- 45.88	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	20000~27000	- 39.57	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.009~0.15	- 72.50	PASS

Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.15~30	- 68.11	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	30~1000	- 66.61	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	1000~20000	- 45.99	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	20000~27000	- 39.52	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.009~0.15	- 74.32	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.15~30	- 65.14	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	30~1000	- 66.67	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	1000~20000	- 46.01	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	20000~27000	- 39.58	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.009~0.15	- 73.14	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.15~30	- 65.73	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	30~1000	- 66.55	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	1000~20000	- 46.54	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	20000~27000	- 39.85	PASS

Test Graphs

