

FCC LTE Band Test Data

FCC ID : 2BE8S-C25

Company: : Shenzhen kehuitong Technology Co.,Ltd

EUT : mobile phone

Model Number : C25

Reviewed By : Eric Wang

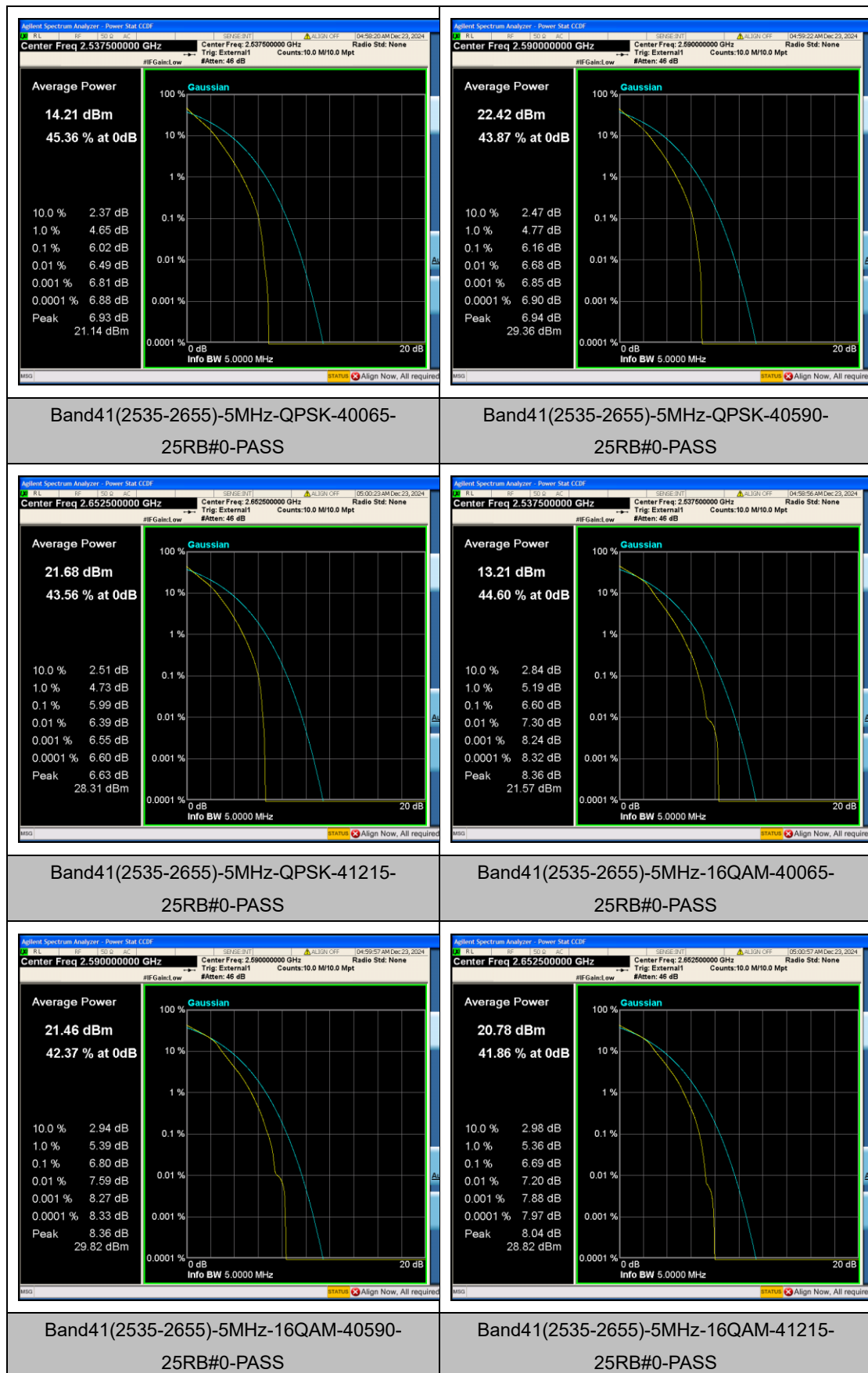
Appendix B: Peak-to-Average Ratio(CCDF)

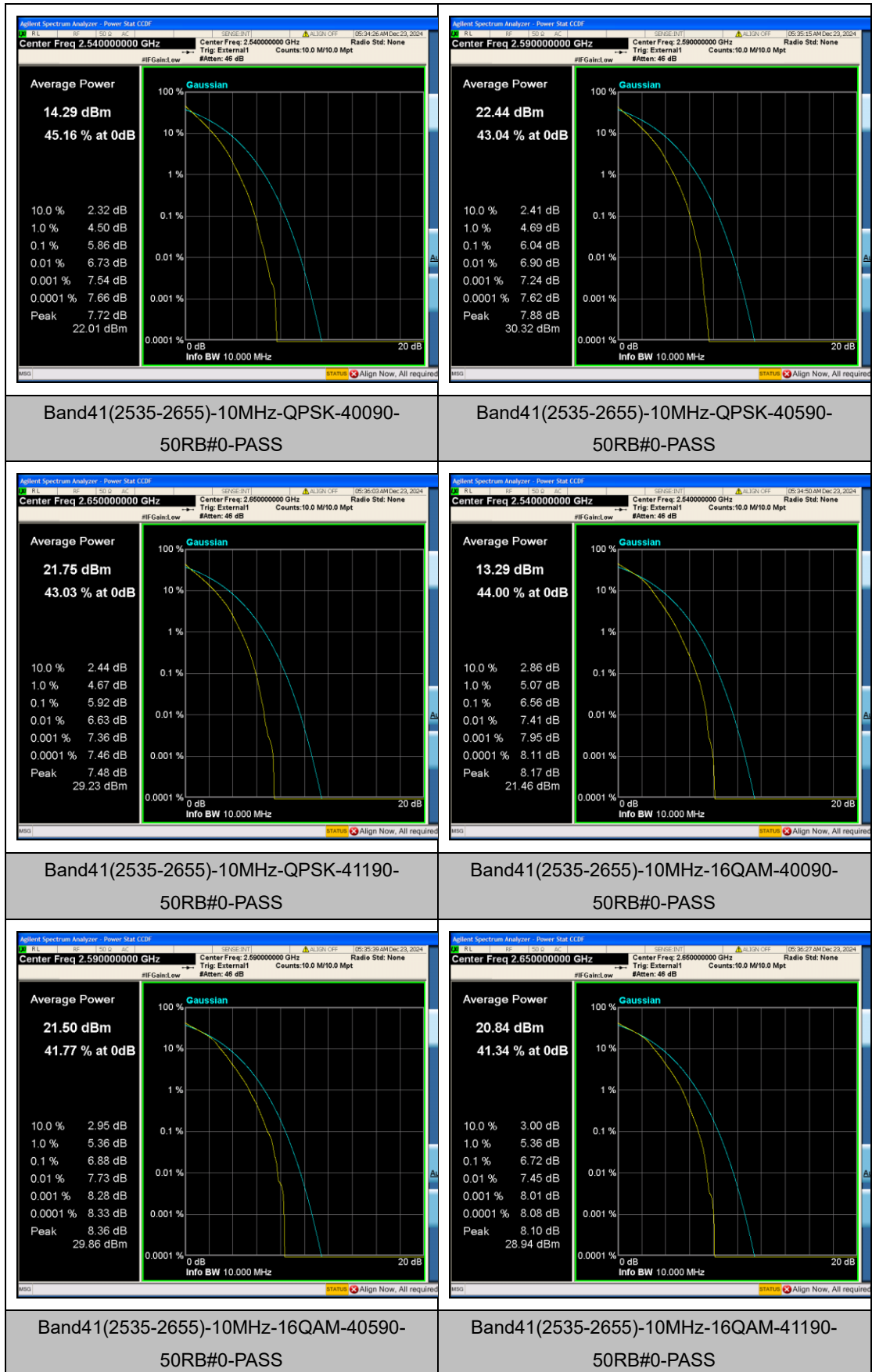
Test Result

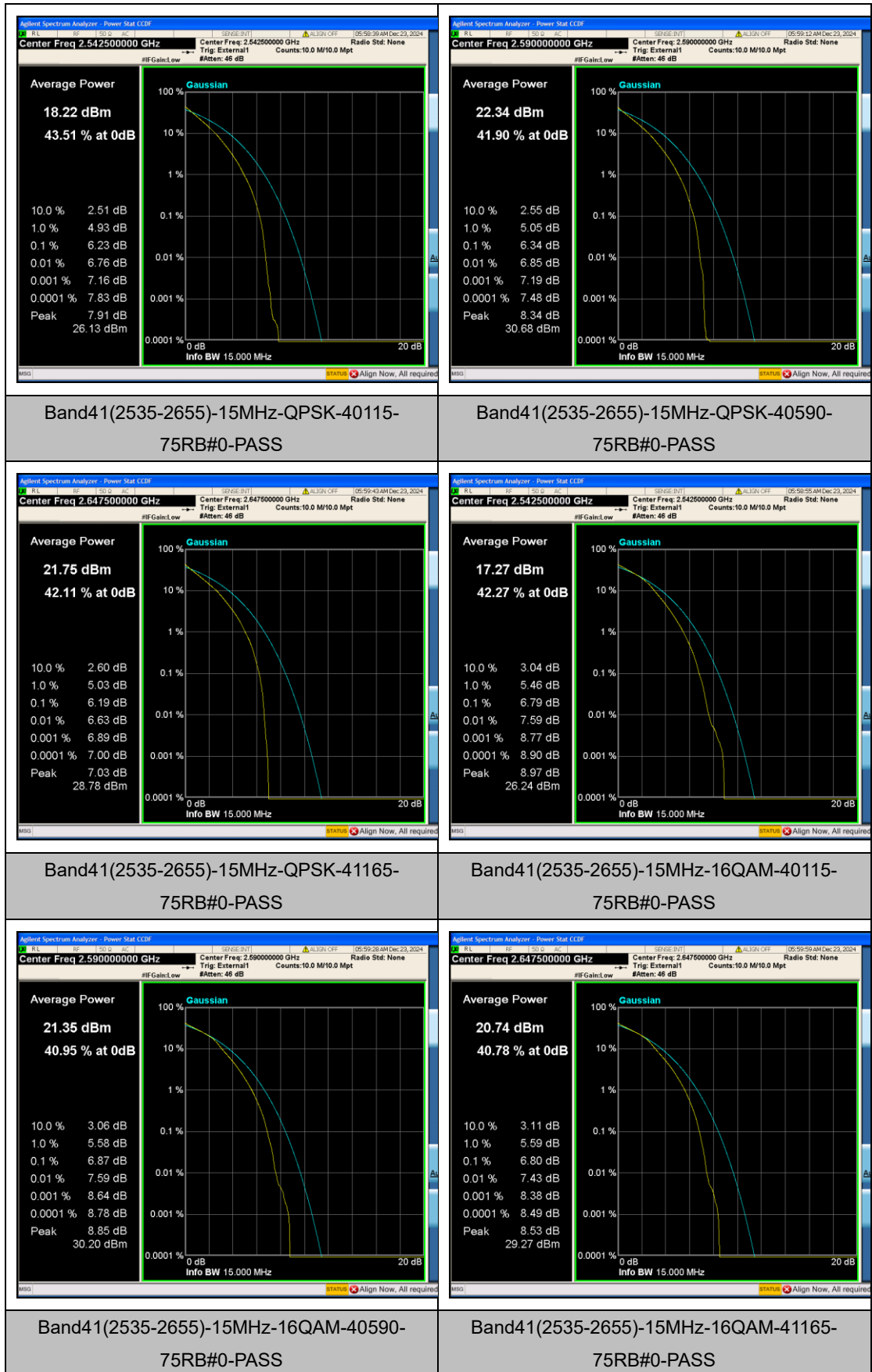
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	6.02	13	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	6.16	13	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	5.99	13	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	6.60	13	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	6.80	13	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	6.69	13	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	5.86	13	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	6.04	13	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	5.92	13	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	6.56	13	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	6.88	13	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	6.72	13	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	6.23	13	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	6.34	13	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	6.19	13	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	6.79	13	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	6.87	13	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	6.80	13	PASS

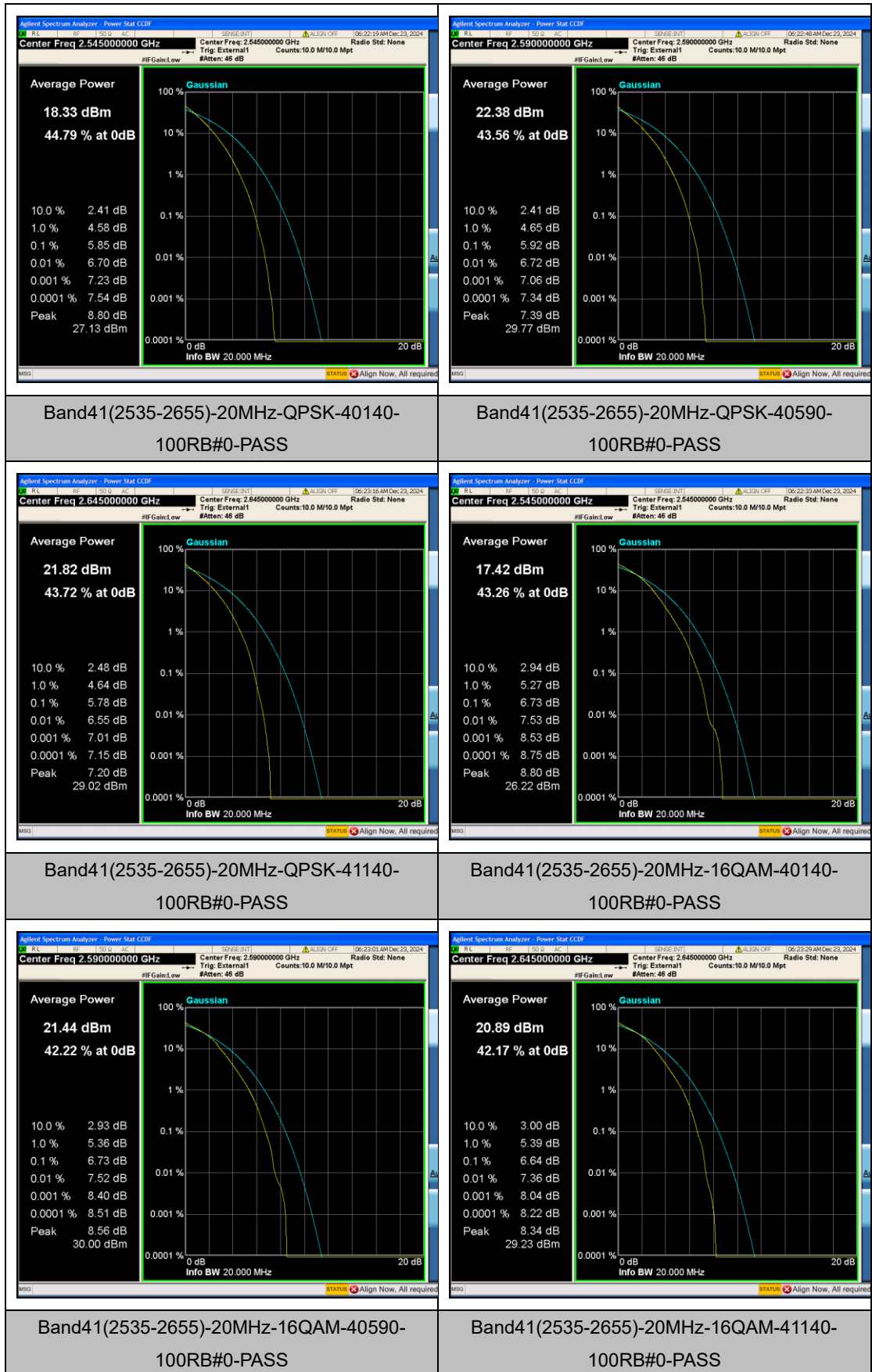
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	5.85	13	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	5.92	13	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	5.78	13	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	6.73	13	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	6.73	13	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	6.64	13	PASS

Test Graphs









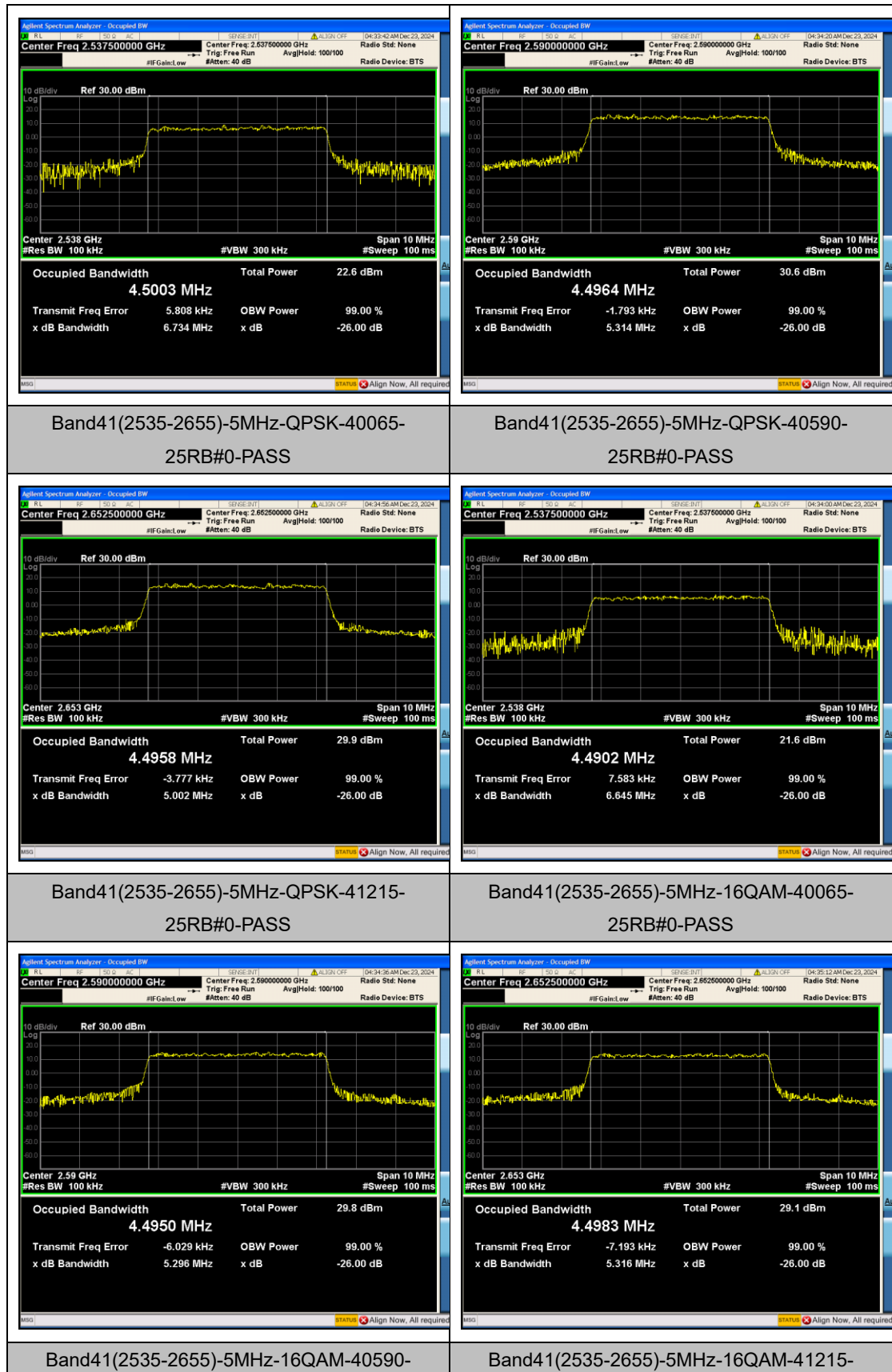
Appendix C: 26dB Bandwidth and Occupied Bandwidth

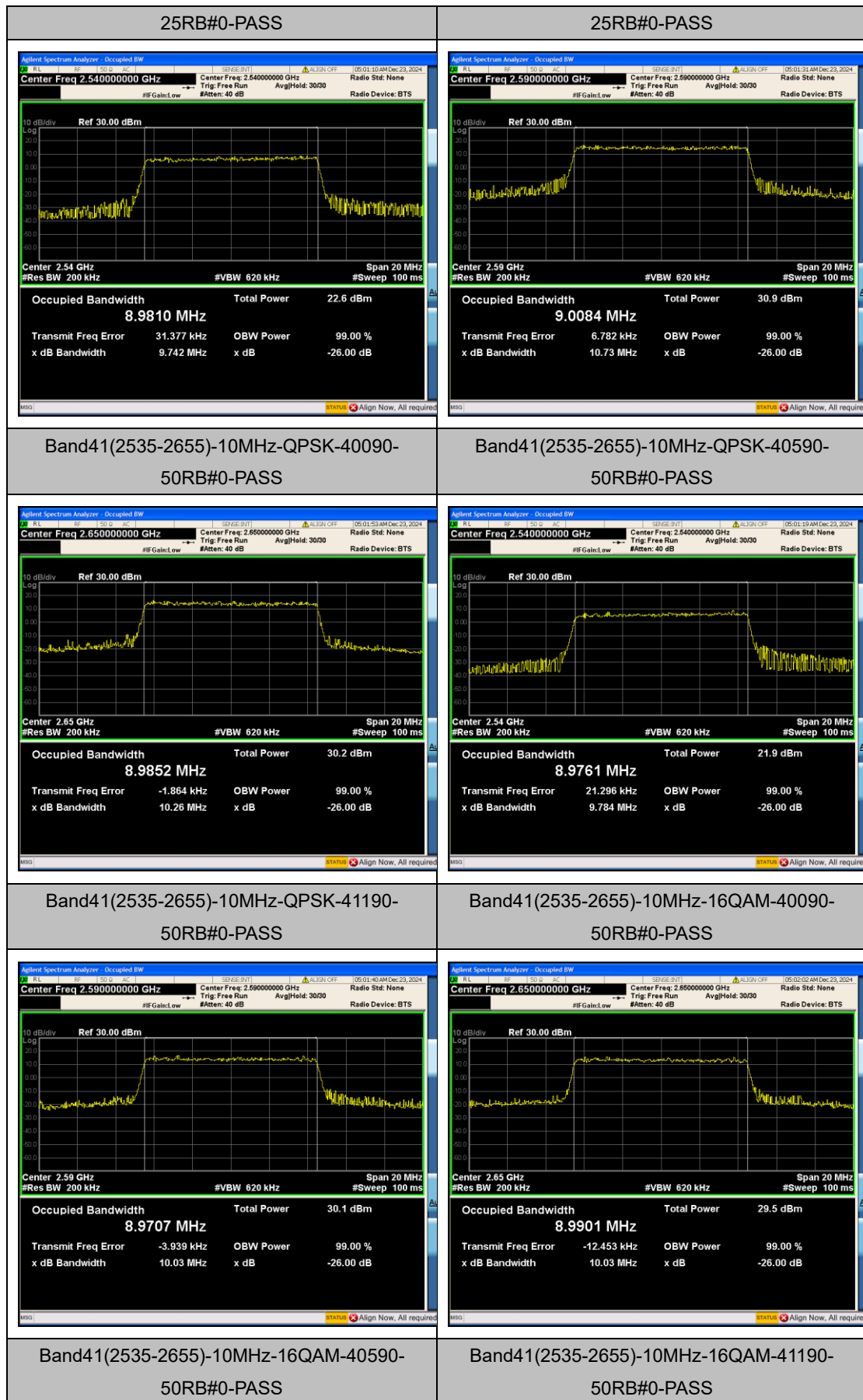
Test Result

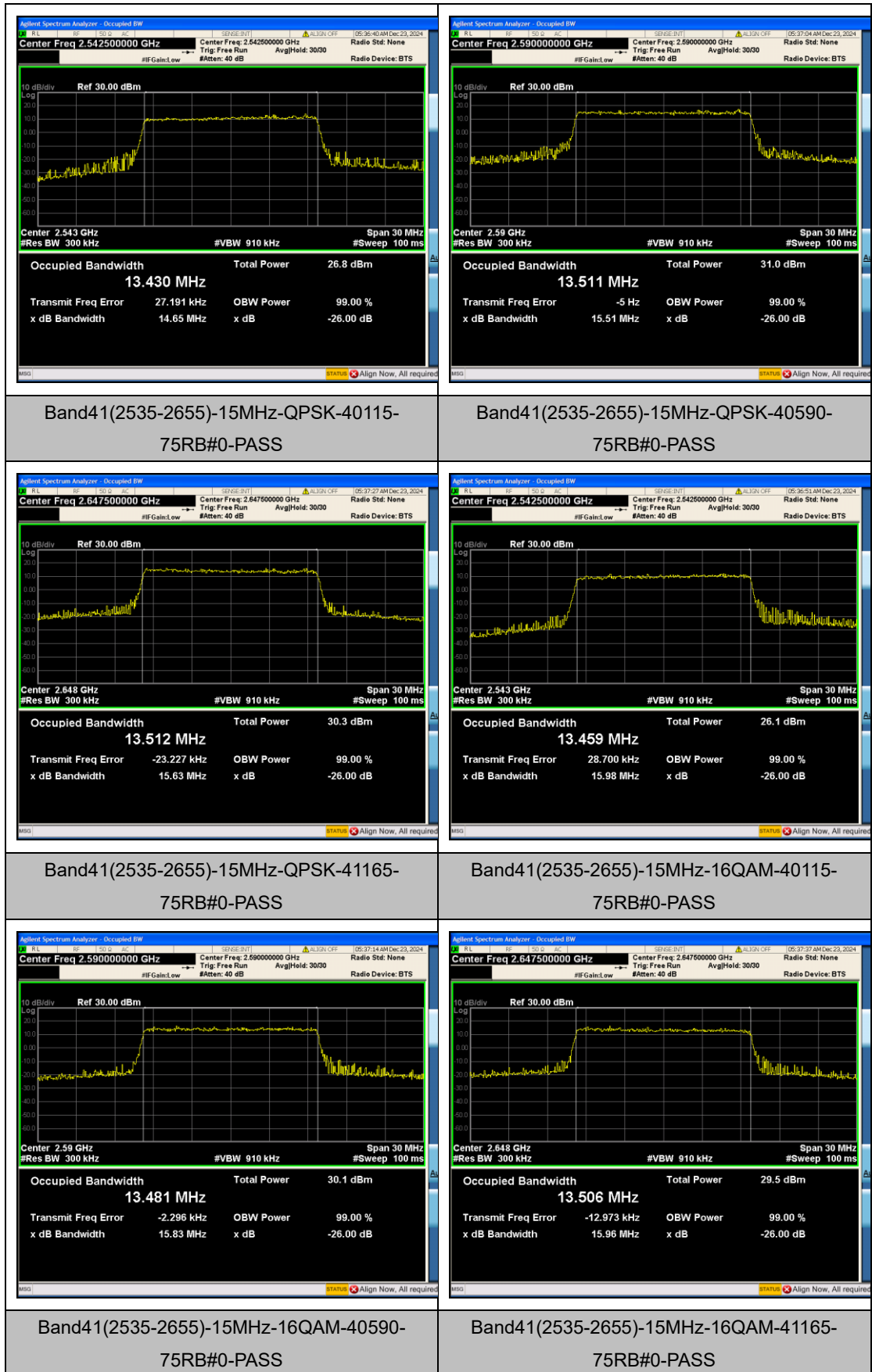
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	4.5003	6.734	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	4.4964	5.314	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.4958	5.002	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	4.4902	6.645	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	4.4950	5.296	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	4.4983	5.316	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	8.9810	9.742	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	9.0084	10.73	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	8.9852	10.26	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	8.9761	9.784	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	8.9707	10.03	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.9901	10.03	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	13.430	14.65	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	13.511	15.51	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	13.512	15.63	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.459	15.98	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	13.481	15.83	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	13.506	15.96	PASS

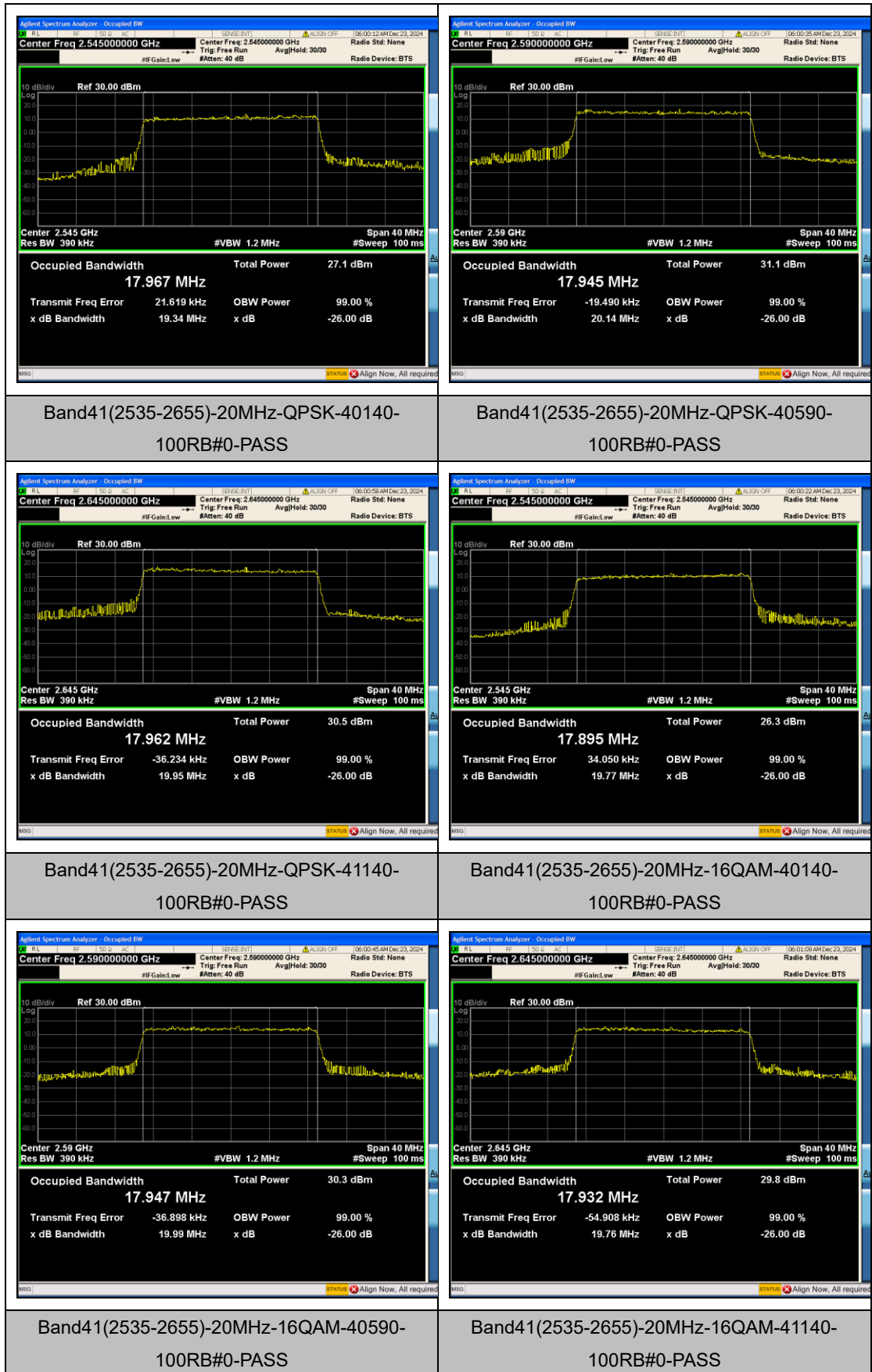
2655)							
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	17.967	19.34	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	17.945	20.14	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	17.962	19.95	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	17.895	19.77	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	17.947	19.99	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	17.932	19.76	PASS

Test Graphs







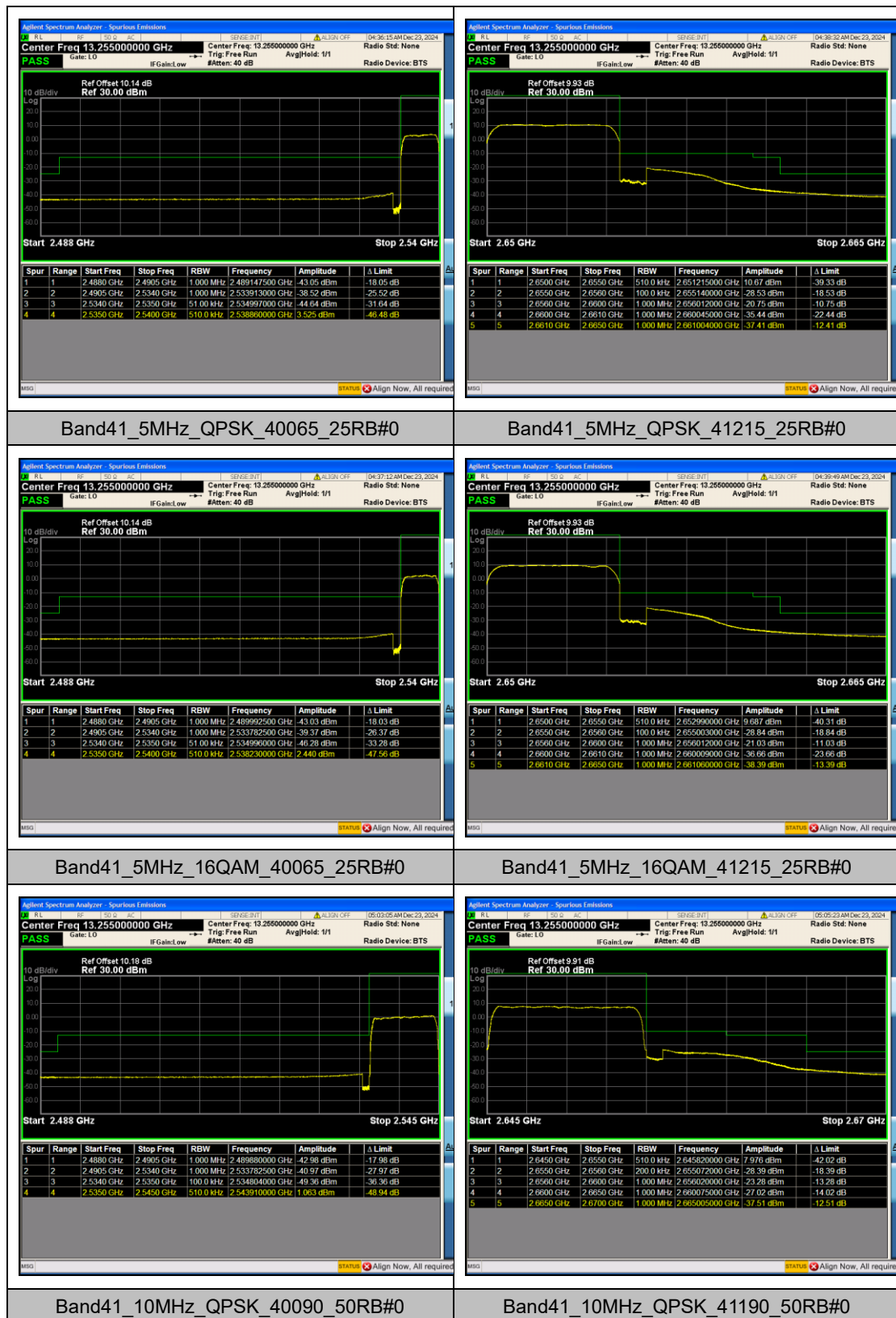


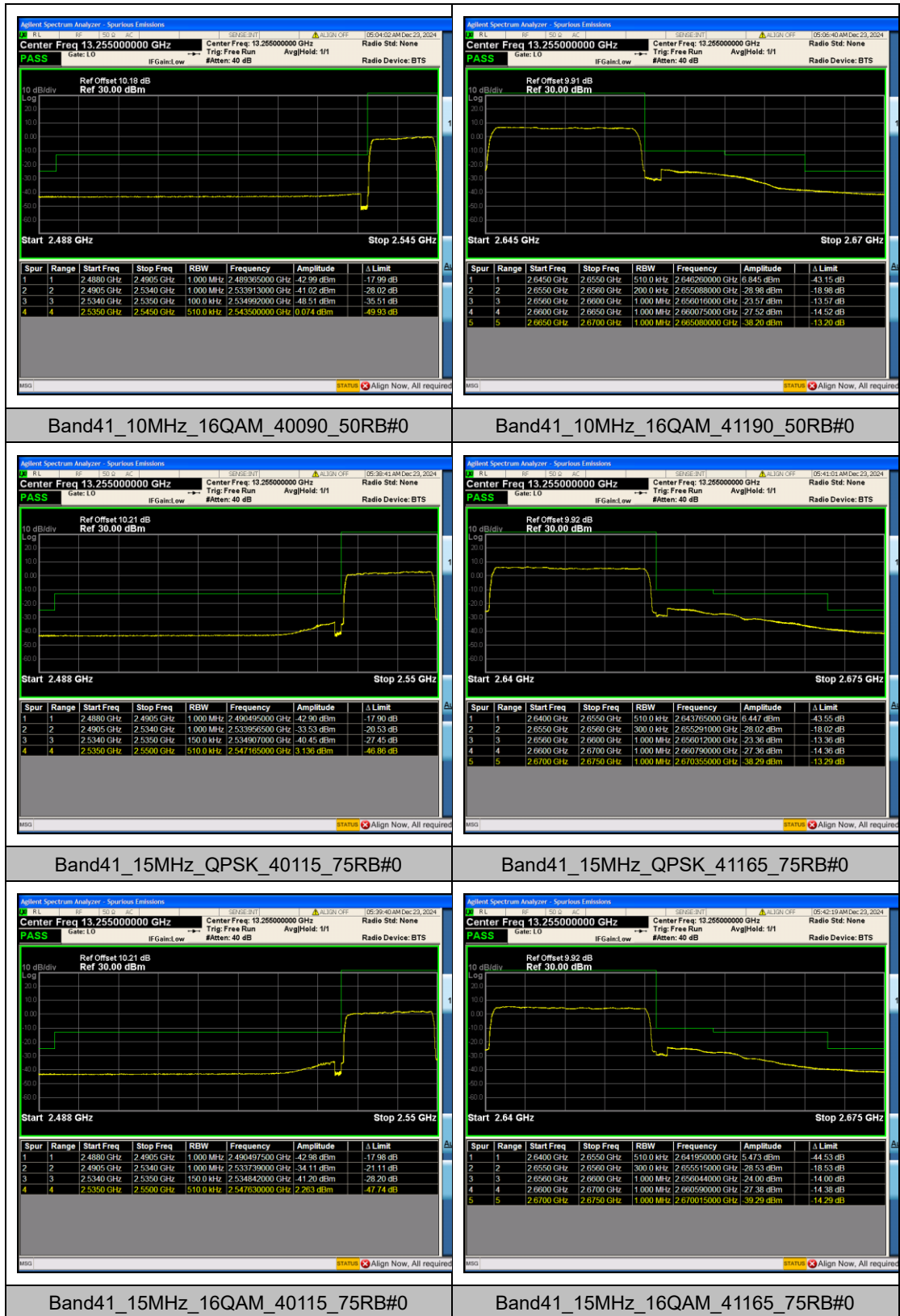
Appendix D: Band Edge

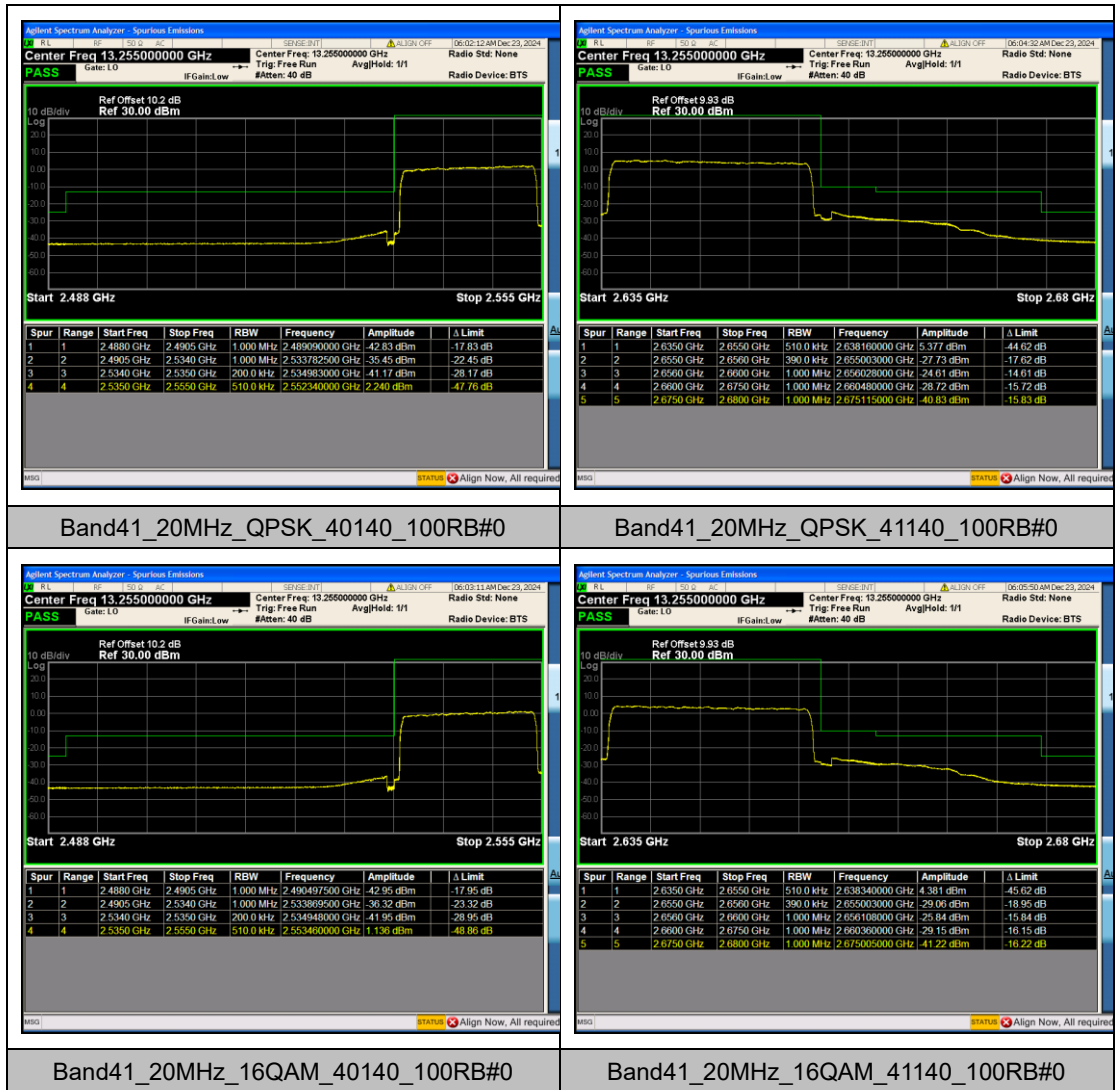
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	-43.05	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	-20.75	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	-43.03	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	-21.03	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	-42.98	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	-37.51	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	-42.99	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	-38.20	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	-42.90	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	-38.29	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	-42.98	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	-24.00	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	-42.83	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	-24.61	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	-42.95	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	-25.84	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	-68.64	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	0.15~30	-62.94	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	30~1000	-61.23	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	1000~20000	-38.19	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	20000~27000	-32.05	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.009~0.15	-66.65	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.15~30	-63.38	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	30~1000	-61.96	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	1000~20000	-35.46	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	20000~27000	-32.03	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.009~0.15	-68.24	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.15~30	-60.59	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	30~1000	-61.97	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	1000~20000	-36.55	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	20000~27000	-32.10	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.009~0.15	-67.80	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.15~30	-61.24	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	30~1000	-61.77	PASS

Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	1000~20000	- 38.17	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	20000~27000	- 32.27	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.009~0.15	- 68.68	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.15~30	- 62.21	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	30~1000	- 61.67	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	1000~20000	- 36.42	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	20000~27000	- 32.06	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.009~0.15	- 67.66	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.15~30	- 62.03	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	30~1000	- 61.99	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	1000~20000	- 38.83	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	20000~27000	- 31.96	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.009~0.15	- 68.95	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.15~30	- 61.14	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	30~1000	- 62.05	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	1000~20000	- 38.75	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	20000~27000	- 32.20	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.009~0.15	- 67.71	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.15~30	- 64.75	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	30~1000	- 61.42	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	1000~20000	- 37.33	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	20000~27000	- 32.00	PASS

Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.009~0.15	- 66.19	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.15~30	- 59.77	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	30~1000	- 61.98	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	1000~20000	- 36.60	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	20000~27000	- 32.27	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.009~0.15	- 67.77	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.15~30	- 61.25	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	30~1000	- 61.98	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	1000~20000	- 38.68	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	20000~27000	- 32.03	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.009~0.15	- 66.80	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.15~30	- 62.00	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	30~1000	- 62.00	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	1000~20000	- 38.24	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	20000~27000	- 32.20	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.009~0.15	- 67.61	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.15~30	- 63.55	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	30~1000	- 62.18	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	1000~20000	- 38.58	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	- 68.36	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.15~30	- 60.46	PASS

Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	30~1000	- 61.64	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	1000~20000	- 38.33	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	20000~27000	- 32.28	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.009~0.15	- 67.21	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.15~30	- 61.23	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	30~1000	- 62.07	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	1000~20000	- 38.98	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	20000~27000	- 32.16	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.009~0.15	- 67.16	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.15~30	- 60.90	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	30~1000	- 61.80	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	1000~20000	- 38.29	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	20000~27000	- 32.00	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.009~0.15	- 66.82	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.15~30	- 61.73	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	30~1000	- 62.07	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	1000~20000	- 38.83	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	20000~27000	- 31.96	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.009~0.15	- 69.02	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.15~30	- 64.43	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	30~1000	- 61.85	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	1000~20000	- 38.70	PASS

Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	20000~27000	- 32.18	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.009~0.15	- 67.24	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.15~30	- 62.07	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	30~1000	- 62.01	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	1000~20000	- 38.81	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	20000~27000	- 32.06	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.009~0.15	- 68.64	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.15~30	- 61.57	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	30~1000	- 61.63	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	1000~20000	- 38.37	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	20000~27000	- 32.10	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.009~0.15	- 68.14	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.15~30	- 59.00	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	30~1000	- 62.07	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	1000~20000	- 38.51	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	20000~27000	- 32.03	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.009~0.15	- 67.48	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.15~30	- 62.25	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	30~1000	- 61.85	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	1000~20000	- 38.87	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	20000~27000	- 32.00	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.009~0.15	- 68.68	PASS

Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.15~30	- 60.80	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	30~1000	- 62.18	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	1000~20000	- 38.58	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	20000~27000	- 32.31	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.009~0.15	- 66.55	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.15~30	- 61.64	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	30~1000	- 61.39	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	1000~20000	- 38.41	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	20000~27000	- 32.30	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.009~0.15	- 65.50	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.15~30	- 64.42	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	30~1000	- 61.67	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	1000~20000	- 38.58	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	20000~27000	- 31.90	PASS

Test Graphs

