

FCC&ISED LTE Band Test Data

FCC ID : 2BE8S-A1

IC : 33120-A1

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

HVIN(Model) : A1

Reviewed By : Eric Wang

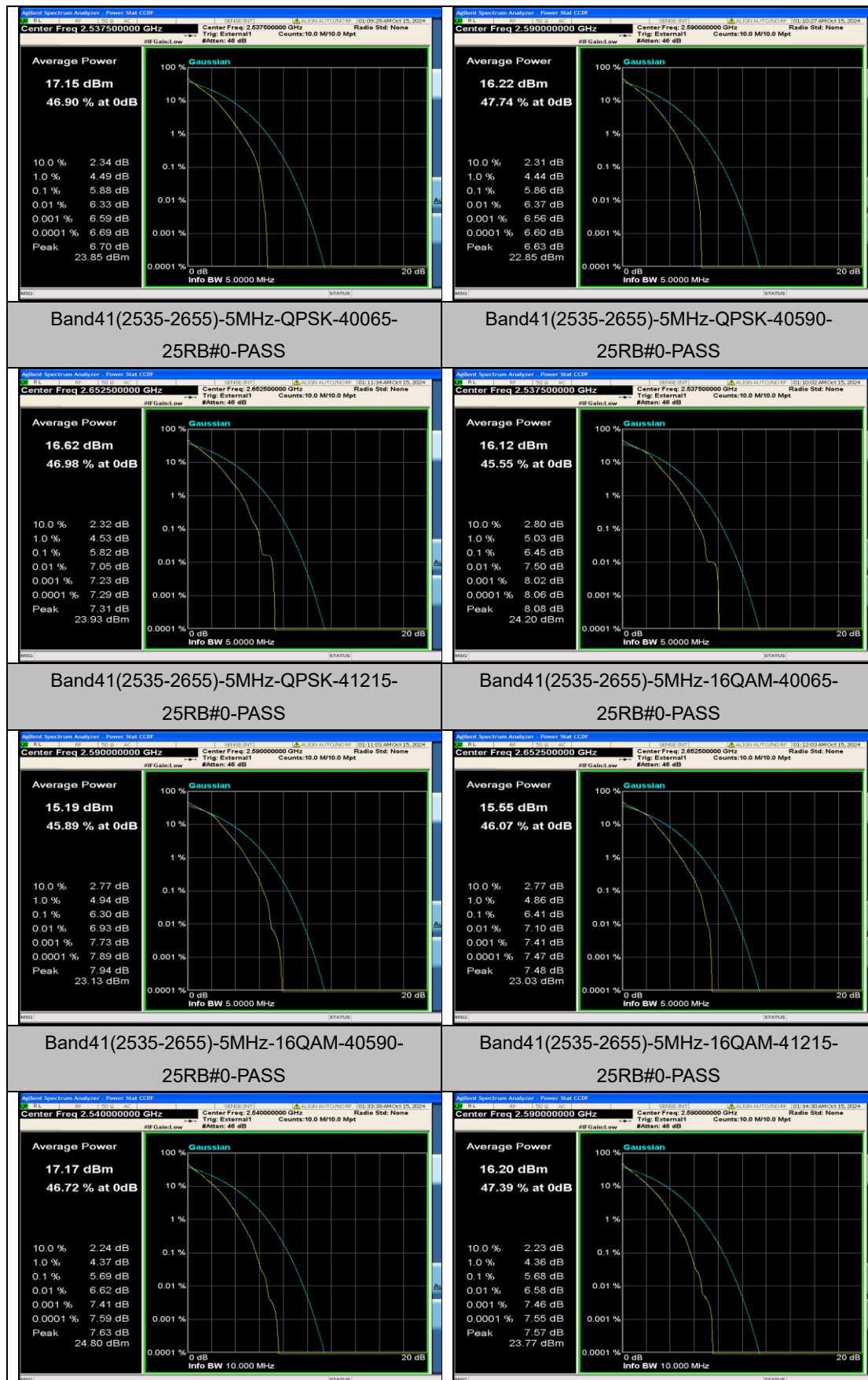
Appendix B: Peak-to-Average Ratio(CCDF)

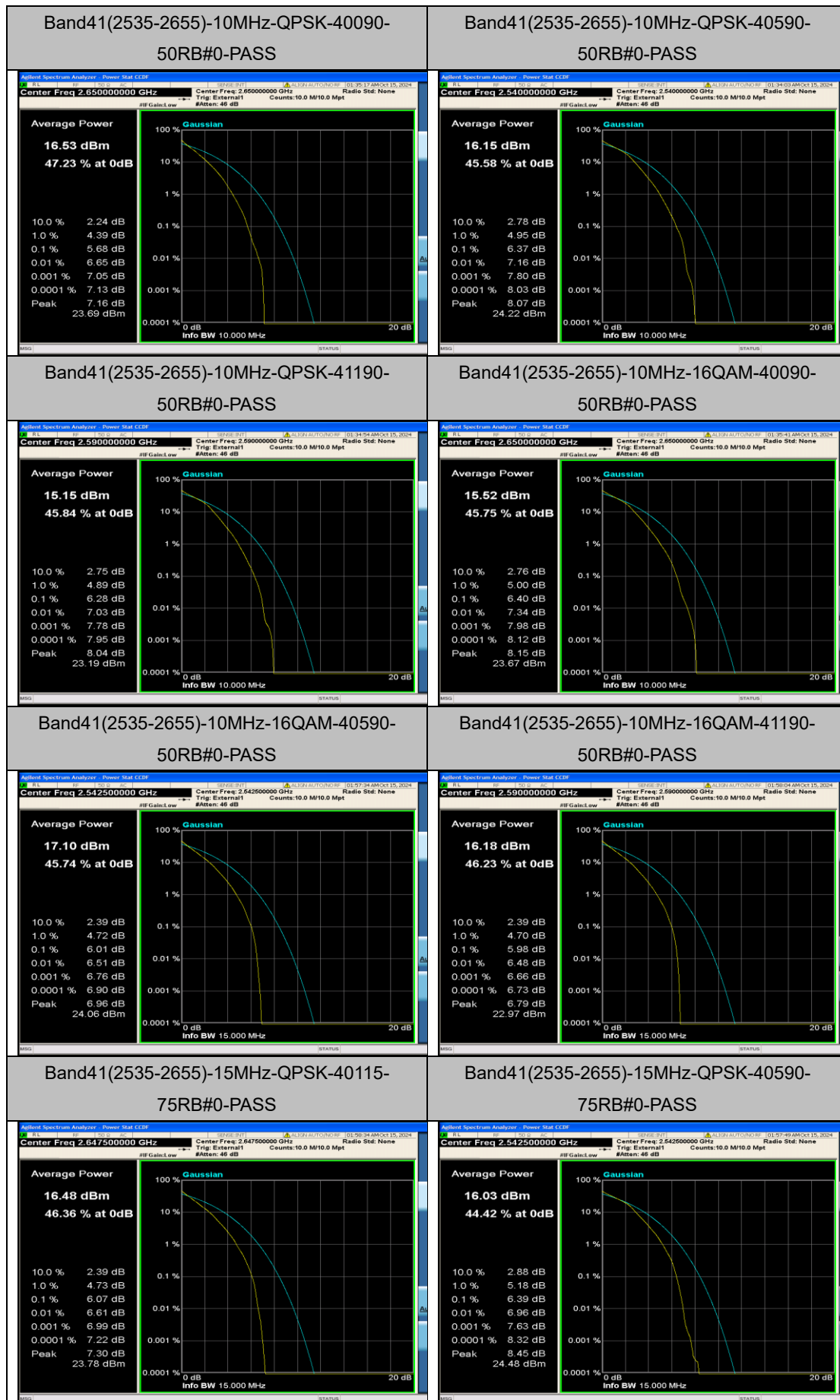
Test Result

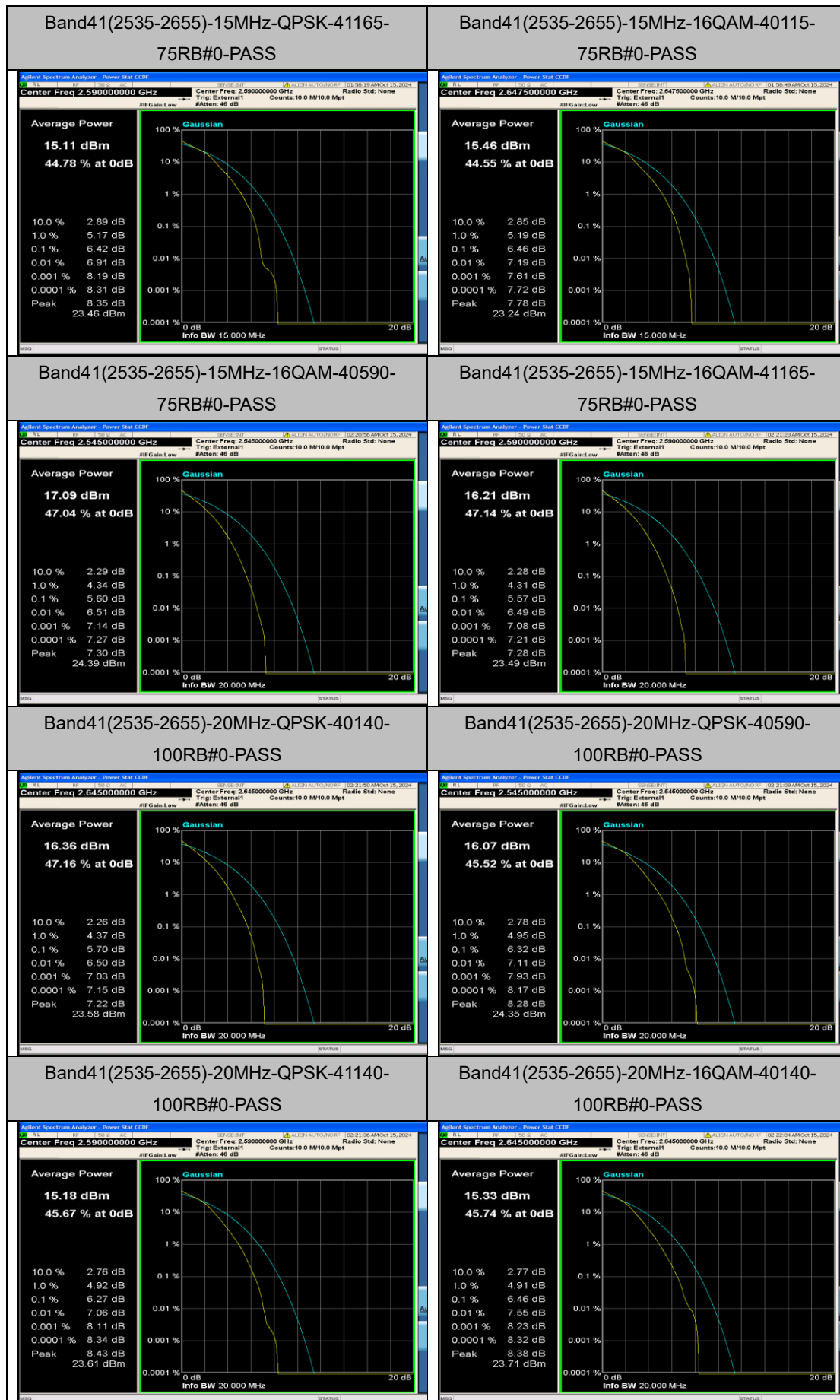
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	5.88	13	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	5.86	13	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	5.82	13	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	6.45	13	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	6.30	13	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	6.41	13	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	5.69	13	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	5.68	13	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	5.68	13	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	6.37	13	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	6.28	13	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	6.40	13	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	6.01	13	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	5.98	13	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	6.07	13	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	6.39	13	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	6.42	13	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	6.46	13	PASS

Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	5.60	13	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	5.57	13	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	5.70	13	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	6.32	13	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	6.27	13	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	6.46	13	PASS

Test Graphs







Band41(2535-2655)-20MHz-16QAM-40590-100RB#0-PASS	Band41(2535-2655)-20MHz-16QAM-41140-100RB#0-PASS
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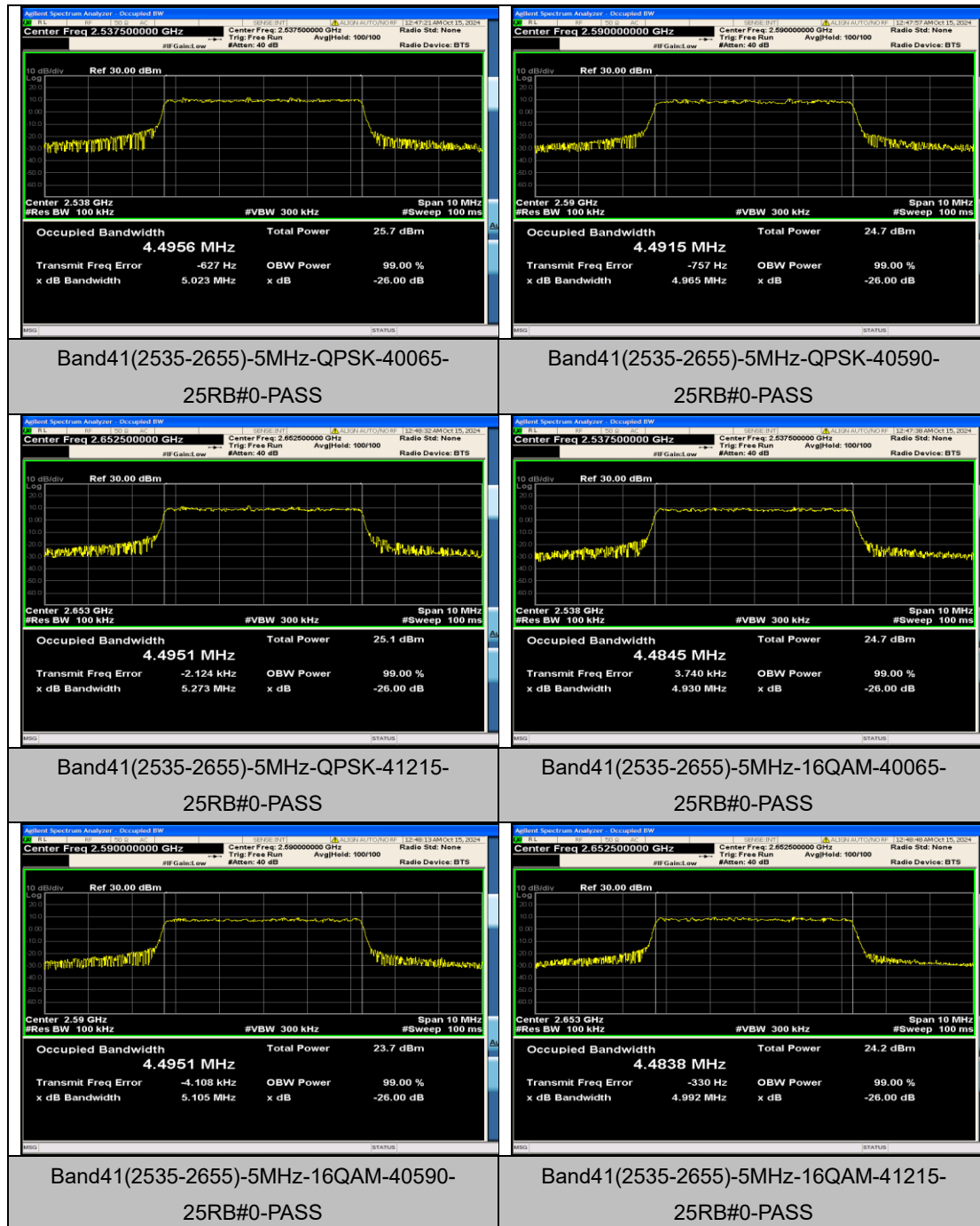
Appendix C: 26dB Bandwidth and Occupied Bandwidth

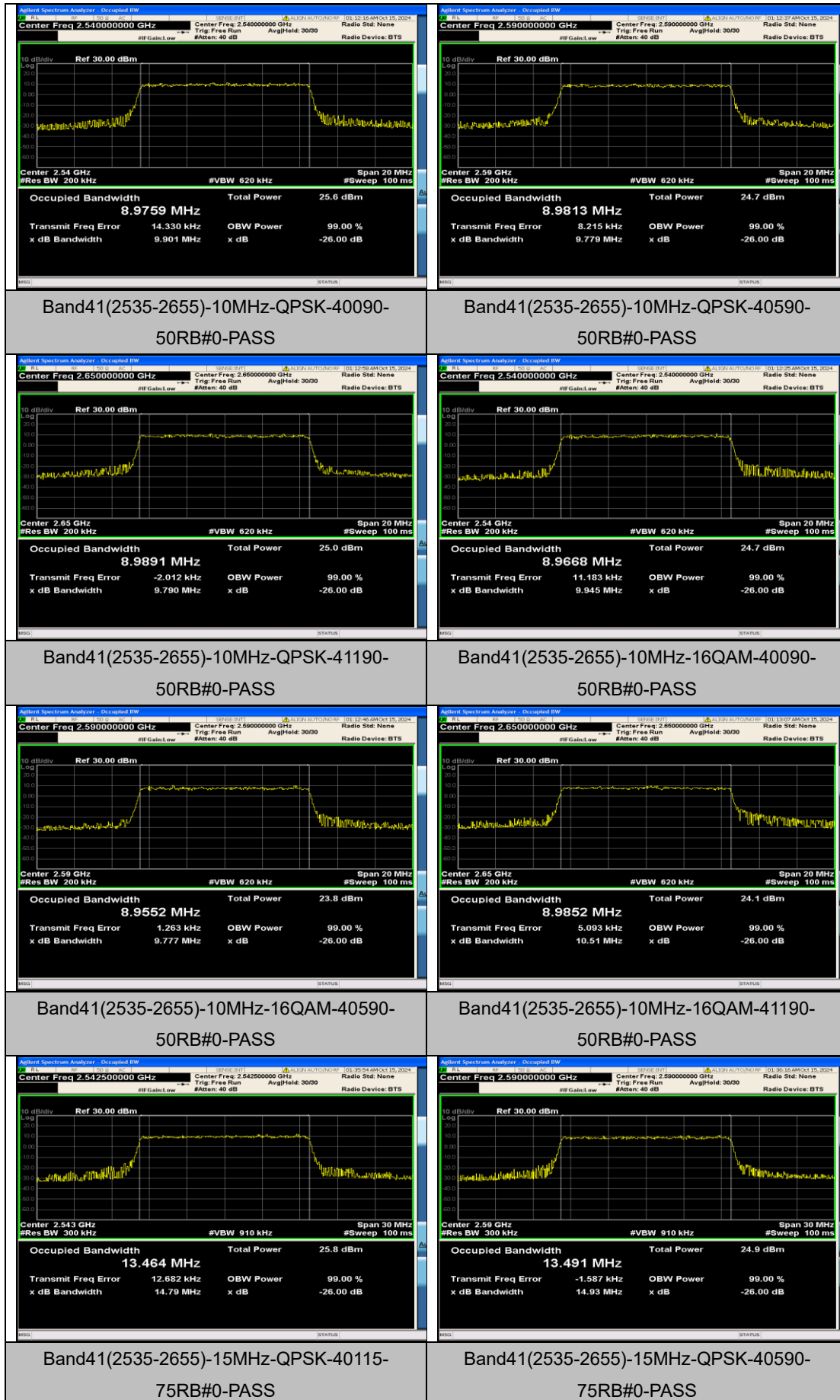
Test Result

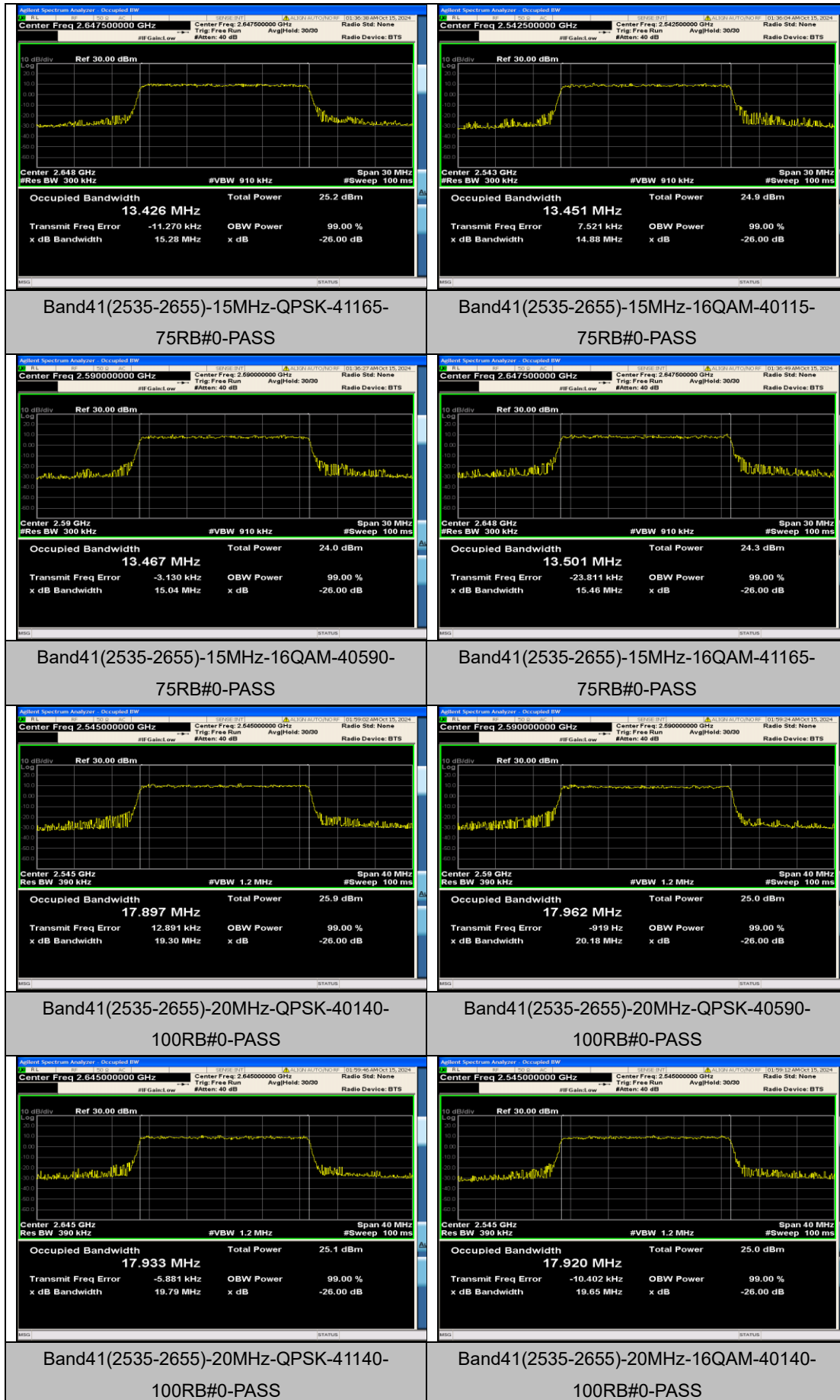
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	4.4956	5.023	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	4.4915	4.965	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.4951	5.273	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	4.4845	4.930	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	4.4951	5.105	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	4.4838	4.992	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	8.9759	9.901	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	8.9813	9.779	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	8.9891	9.790	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	8.9668	9.945	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	8.9552	9.777	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.9852	10.51	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	13.464	14.79	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	13.491	14.93	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	13.426	15.28	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.451	14.88	PASS

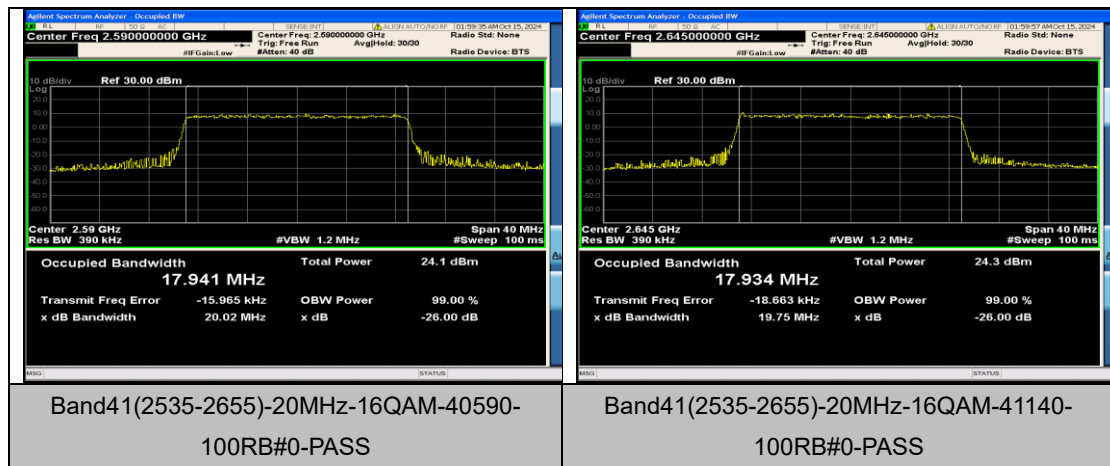
2655)							
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	13.467	15.04	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	13.501	15.46	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	17.897	19.30	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	17.962	20.18	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	17.933	19.79	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	17.920	19.65	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	17.941	20.02	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	17.934	19.75	PASS

Test Graphs







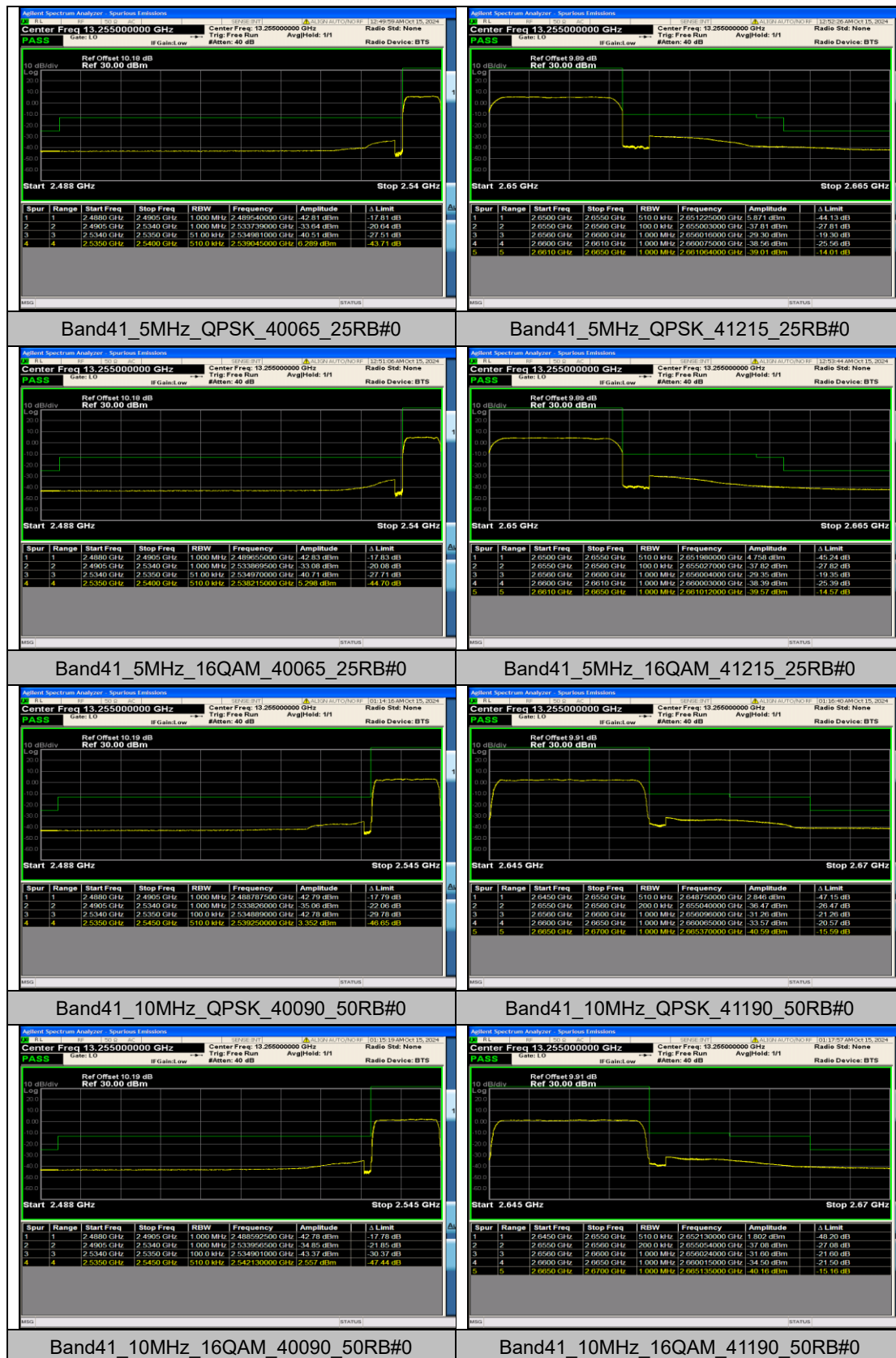


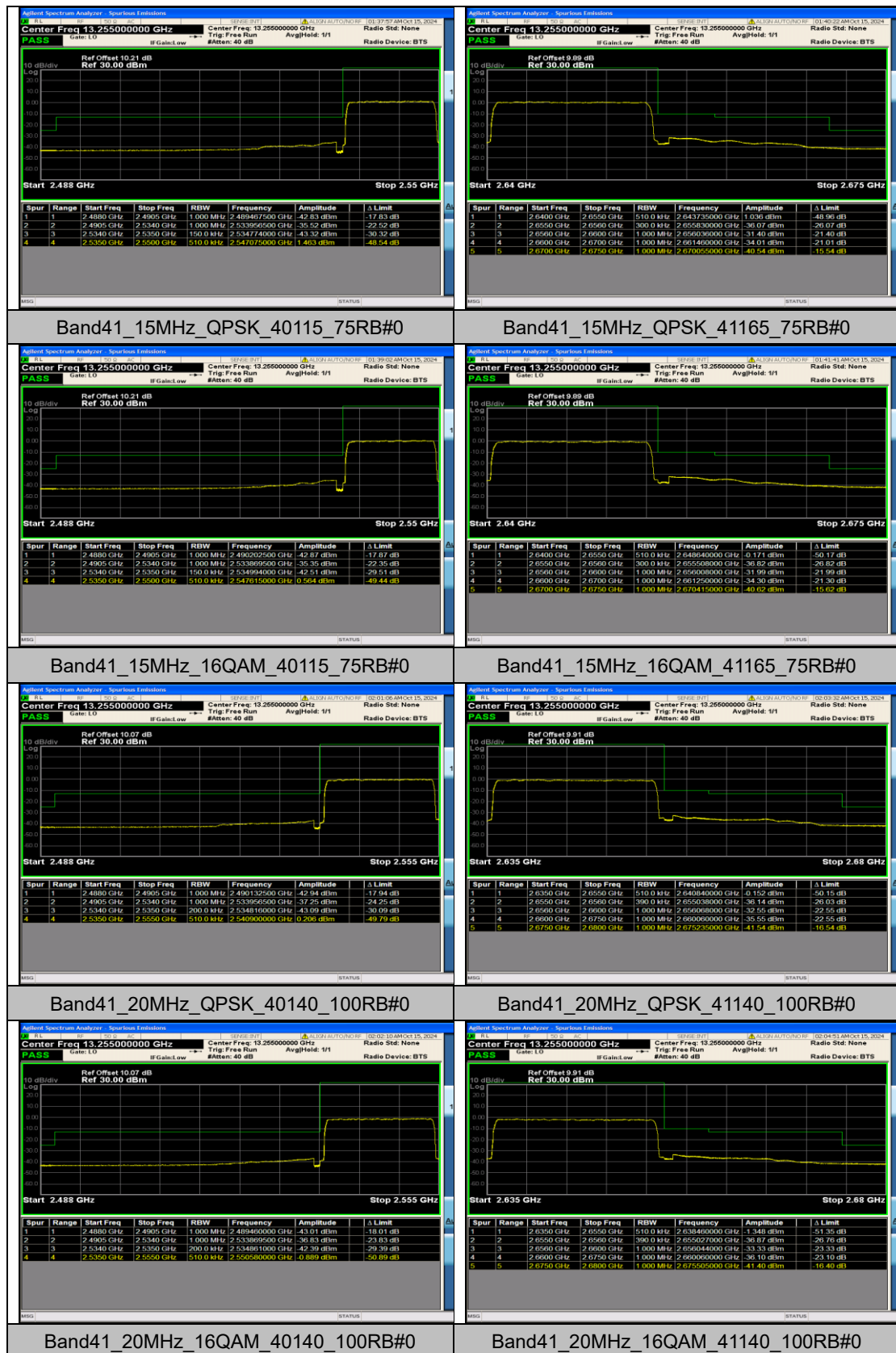
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	-42.81	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	-39.01	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	-42.83	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	-39.57	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	-42.79	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	-40.59	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	-42.78	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	-40.16	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	-42.83	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	-40.54	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	-42.87	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	-40.62	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	-42.94	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	-41.54	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	-43.01	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	-41.40	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	-74.76	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	0.15~30	-64.07	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	30~1000	-61.87	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	1000~20000	-38.21	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	20000~27000	-31.16	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.009~0.15	-72.73	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.15~30	-60.46	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	30~1000	-62.03	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	1000~20000	-37.32	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	20000~27000	-31.39	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.009~0.15	-74.18	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.15~30	-60.81	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	30~1000	-61.99	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	1000~20000	-37.57	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	20000~27000	-31.56	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.009~0.15	-73.76	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.15~30	-62.39	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	30~1000	-61.95	PASS

Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	1000~20000	- 37.94	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	20000~27000	- 31.32	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.009~0.15	- 72.30	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.15~30	- 64.40	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	30~1000	- 61.89	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	1000~20000	- 37.82	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	20000~27000	- 31.24	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.009~0.15	- 73.27	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.15~30	- 60.53	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	30~1000	- 61.91	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	1000~20000	- 37.69	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	20000~27000	- 31.26	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.009~0.15	- 71.75	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.15~30	- 64.14	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	30~1000	- 62.06	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	1000~20000	- 37.69	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	20000~27000	- 31.41	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.009~0.15	- 70.23	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.15~30	- 61.47	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	30~1000	- 61.97	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	1000~20000	- 37.80	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	20000~27000	- 31.26	PASS

Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.009~0.15	- 73.10	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.15~30	- 63.18	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	30~1000	- 61.95	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	1000~20000	- 36.78	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	20000~27000	- 31.08	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.009~0.15	- 70.62	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.15~30	- 61.35	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	30~1000	- 62.00	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	1000~20000	- 37.95	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	20000~27000	- 31.09	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.009~0.15	- 73.41	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.15~30	- 61.58	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	30~1000	- 62.23	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	1000~20000	- 38.10	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	20000~27000	- 31.62	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.009~0.15	- 73.30	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.15~30	- 61.62	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	30~1000	- 62.05	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	1000~20000	- 37.91	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	20000~27000	- 30.92	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.009~0.15	- 70.66	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.15~30	- 63.50	PASS

Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	30~1000	- 62.23	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	1000~20000	- 37.82	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	20000~27000	- 31.39	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.009~0.15	- 73.43	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.15~30	- 61.11	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	30~1000	- 62.13	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	1000~20000	- 37.86	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	20000~27000	- 31.47	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.009~0.15	- 71.36	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.15~30	- 61.29	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	30~1000	- 61.70	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	1000~20000	- 38.02	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	20000~27000	- 31.49	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.009~0.15	- 72.92	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.15~30	- 61.19	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	30~1000	- 61.98	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	1000~20000	- 38.14	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	20000~27000	- 31.38	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.009~0.15	- 74.62	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.15~30	- 63.32	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	30~1000	- 62.14	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	1000~20000	- 38.10	PASS

Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	20000~27000	- 31.46	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.009~0.15	- 72.32	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.15~30	- 59.95	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	30~1000	- 61.75	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	1000~20000	- 37.54	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	20000~27000	- 31.12	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.009~0.15	- 73.48	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.15~30	- 59.64	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	30~1000	- 62.06	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	1000~20000	- 37.99	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	20000~27000	- 31.43	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.009~0.15	- 73.83	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.15~30	- 63.82	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	30~1000	- 62.04	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	1000~20000	- 37.87	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	20000~27000	- 31.17	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.009~0.15	- 73.10	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.15~30	- 62.89	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	30~1000	- 61.96	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	1000~20000	- 37.86	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	20000~27000	- 31.47	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.009~0.15	- 72.46	PASS

Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.15~30	-62.70	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	30~1000	-61.94	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	1000~20000	-38.02	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	20000~27000	-31.33	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.009~0.15	-75.07	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.15~30	-62.66	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	30~1000	-61.95	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	1000~20000	-37.96	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	20000~27000	-31.40	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.009~0.15	-71.65	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.15~30	-63.53	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	30~1000	-61.83	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	1000~20000	-37.79	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	20000~27000	-31.58	PASS

Test Graphs

