

# FCC LTE Band Test Data

**FCC ID** : 2BE8S-U100

**Company:** : Shenzhen kehuitong Technology Co., Ltd

**EUT** : mobile phone

**Model Number** : U24

**Reviewed By** : Eric Wang

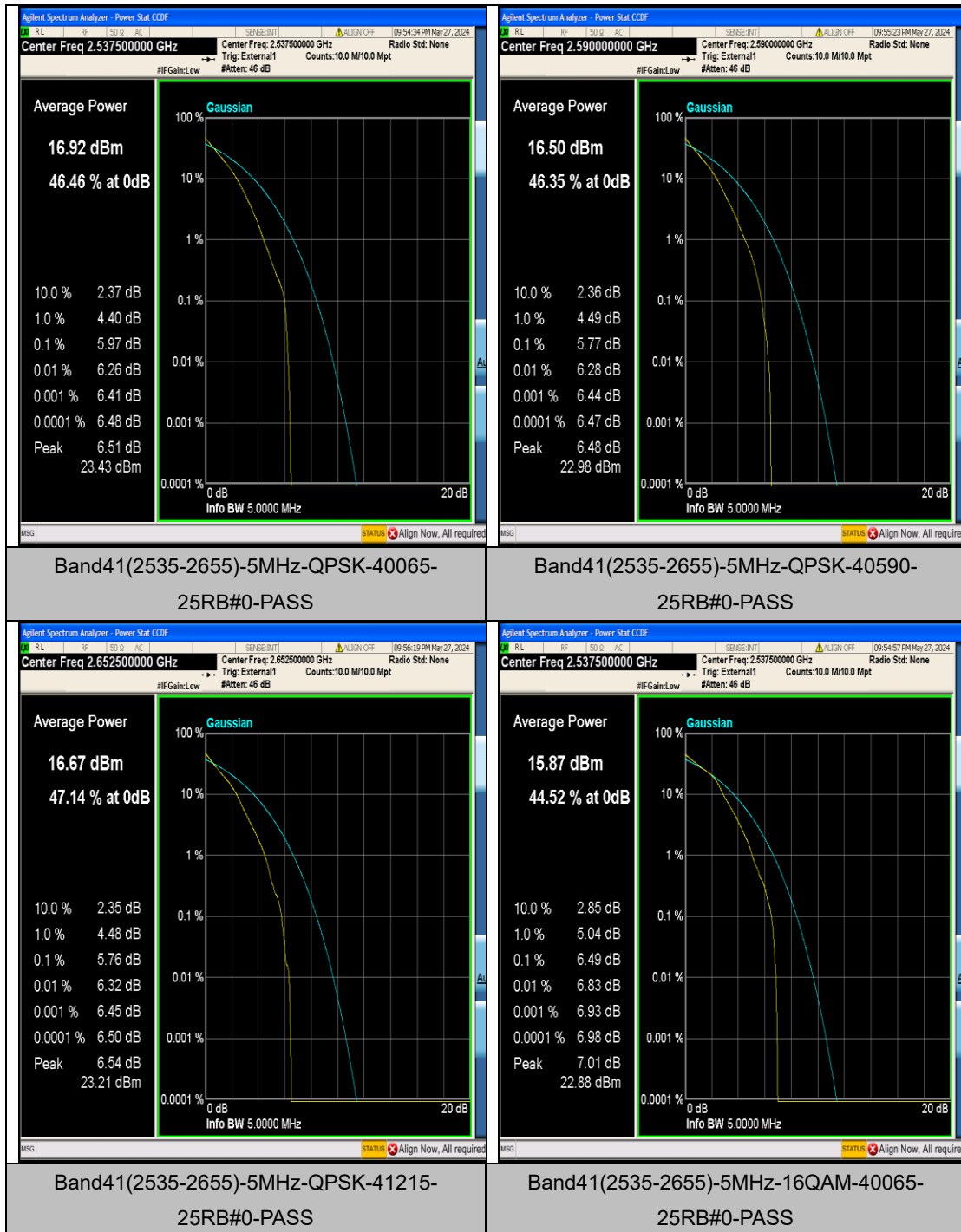
## Appendix B: Peak-to-Average Ratio(CCDF)

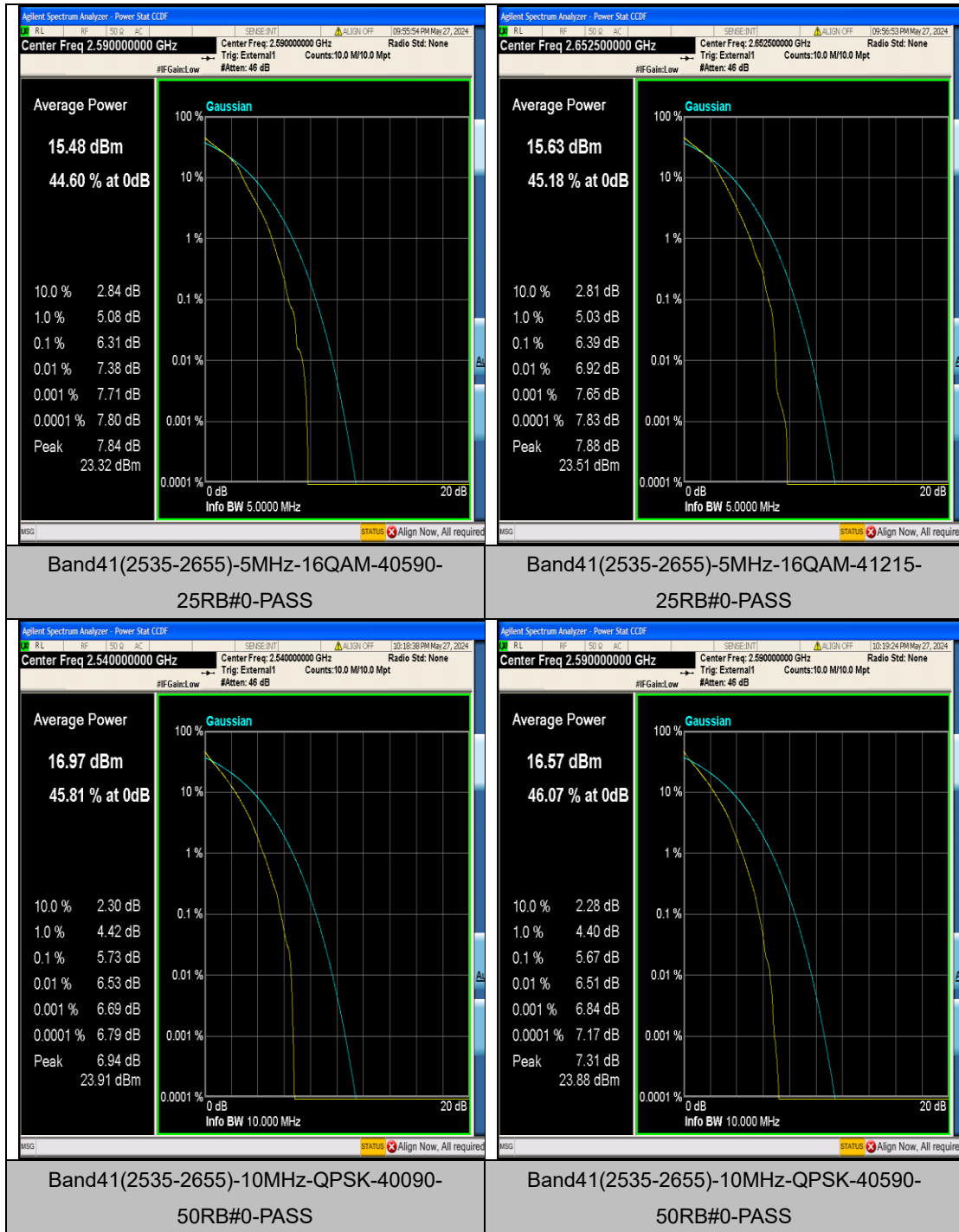
### Test Result

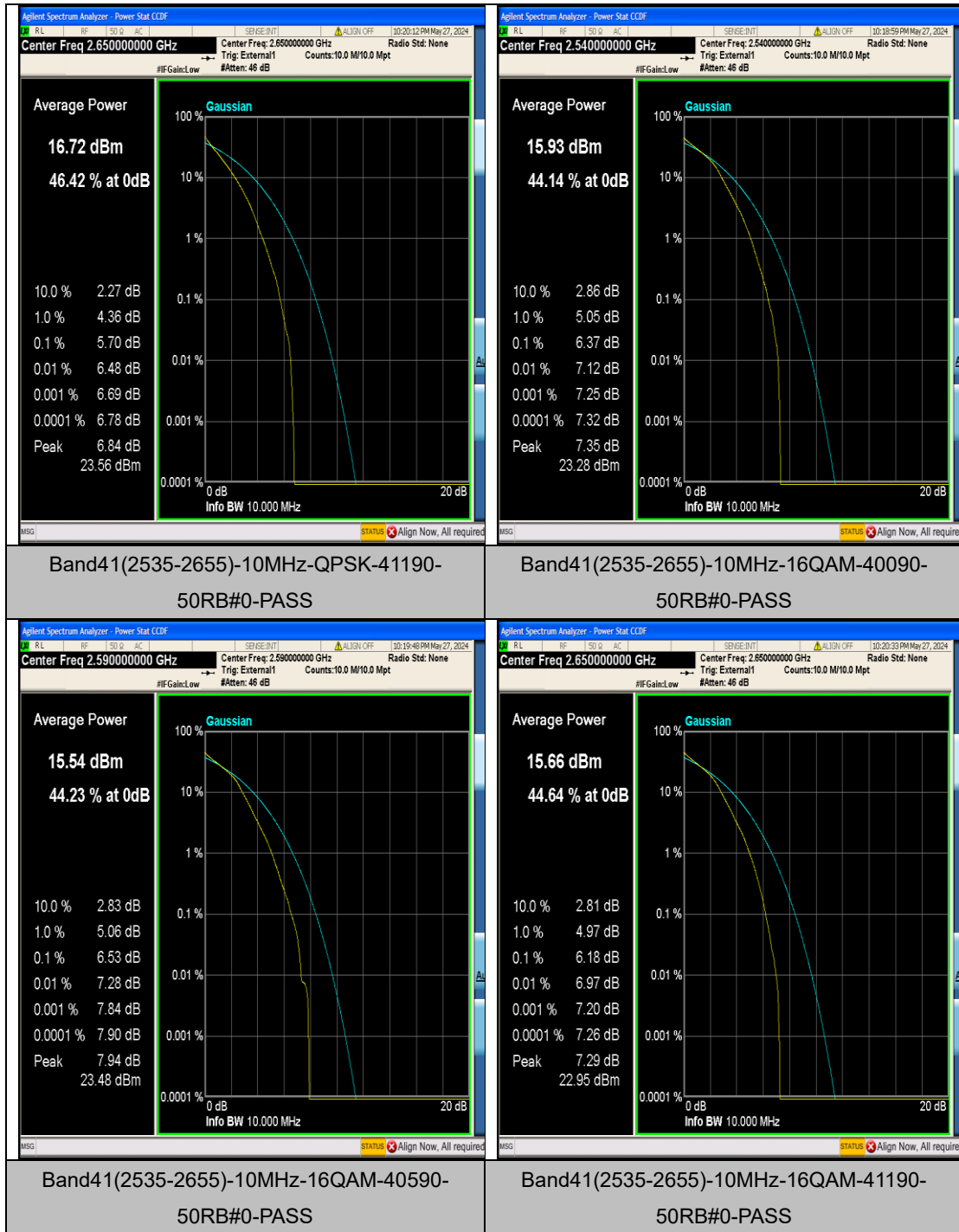
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	5.97	13	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	5.77	13	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	5.76	13	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	6.49	13	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	6.31	13	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	6.39	13	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	5.73	13	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	5.67	13	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	5.70	13	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	6.37	13	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	6.53	13	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	6.18	13	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	6.04	13	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	5.97	13	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	5.96	13	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	6.53	13	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	6.44	13	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	6.51	13	PASS

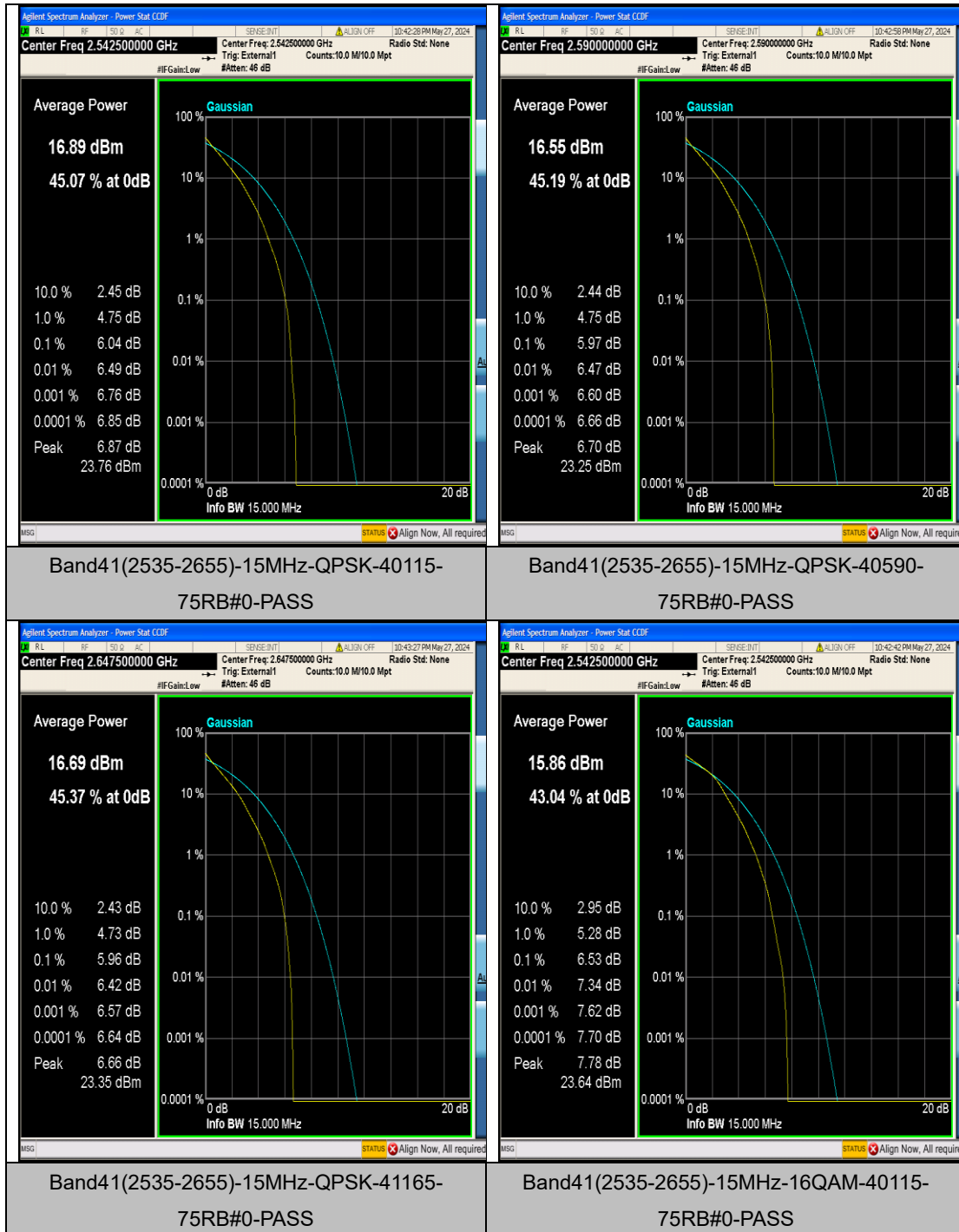
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	5.68	13	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	5.52	13	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	5.52	13	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	6.47	13	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	6.36	13	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	6.36	13	PASS

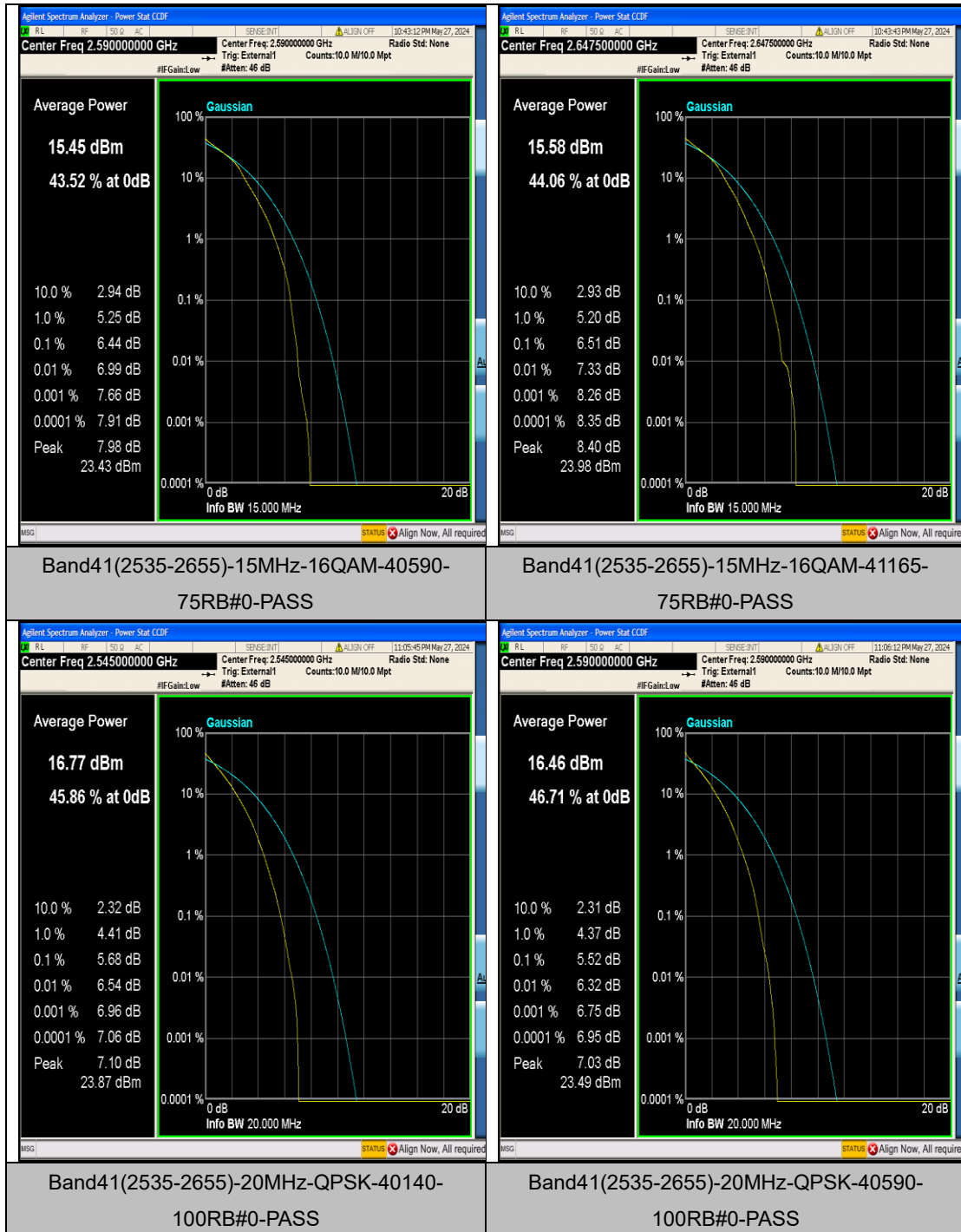
# Test Graphs



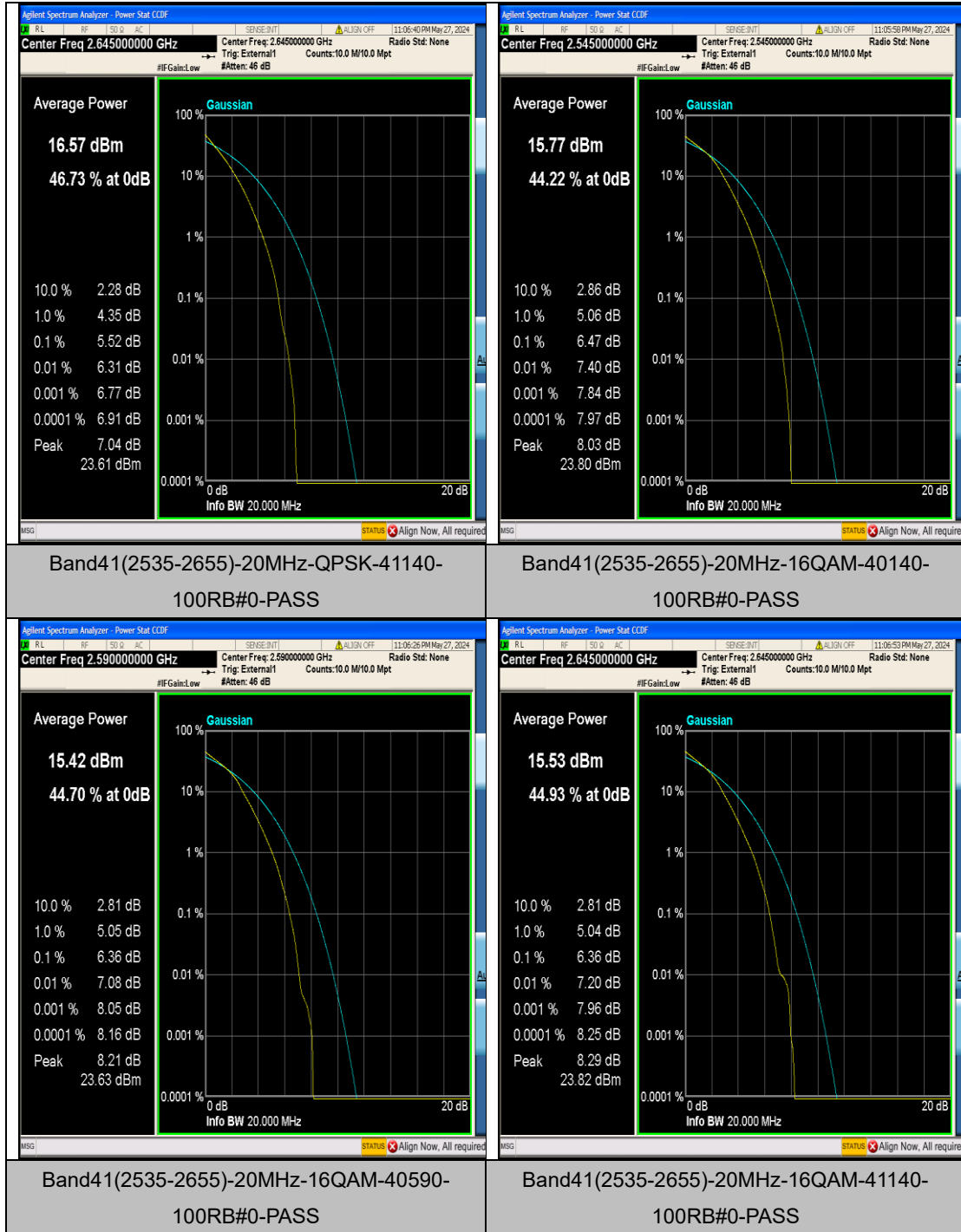












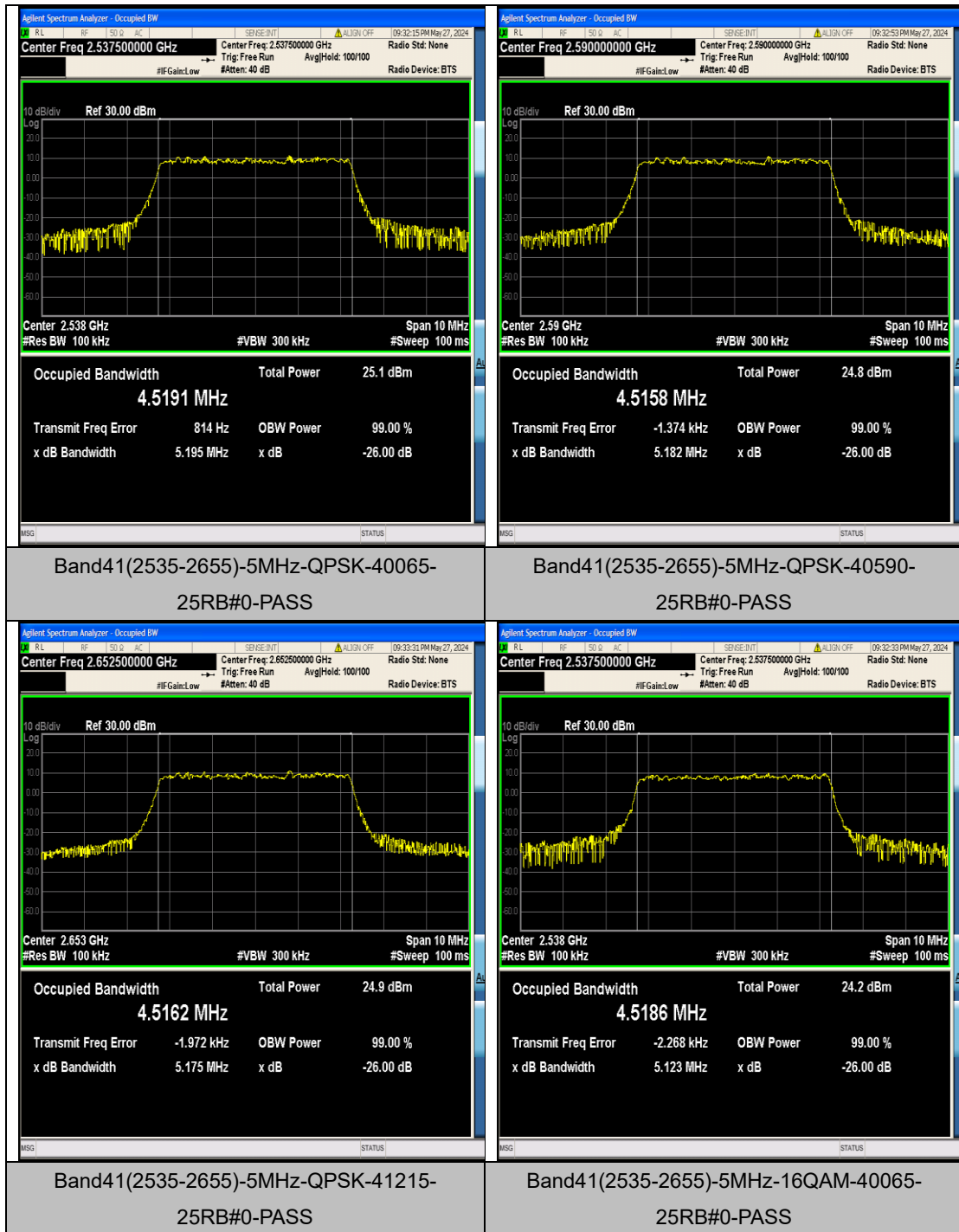
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

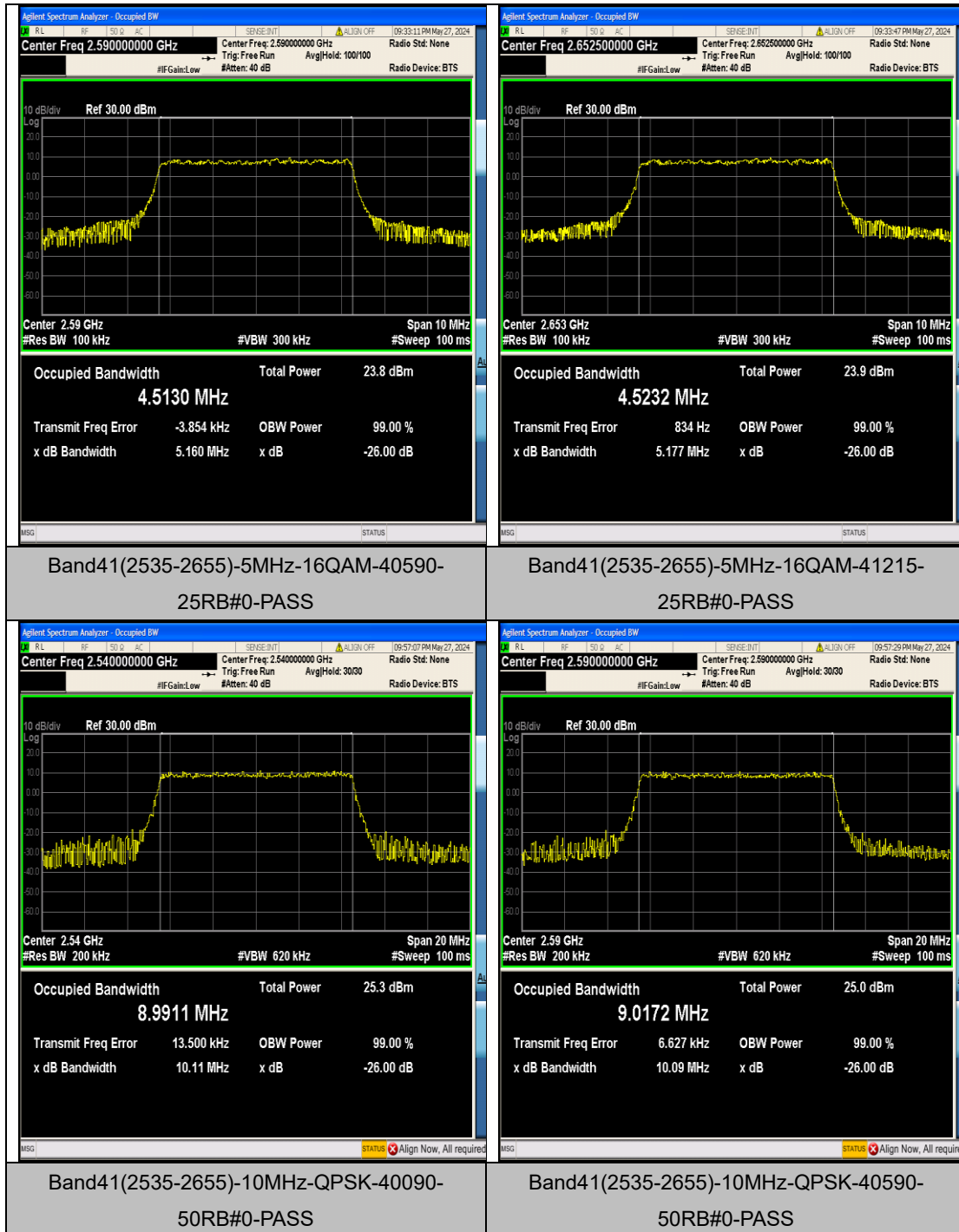
### Test Result

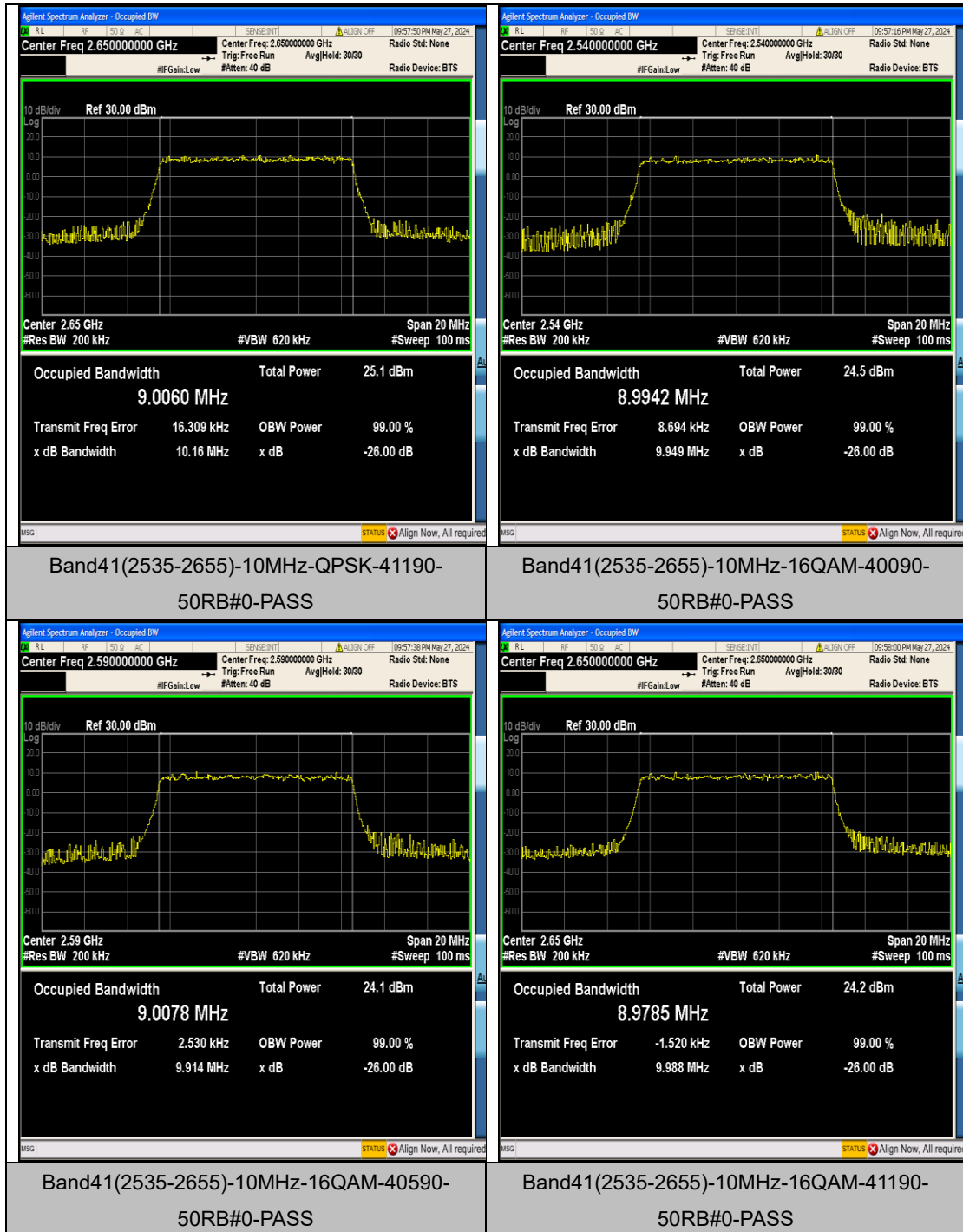
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	4.5191	5.195	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	4.5158	5.182	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.5162	5.175	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	4.5186	5.123	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	4.5130	5.160	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	4.5232	5.177	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	8.9911	10.11	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	9.0172	10.09	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	9.0060	10.16	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	8.9942	9.949	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	9.0078	9.914	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.9785	9.988	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	13.510	15.10	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	13.489	15.21	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	13.519	14.90	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.510	15.13	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	13.482	15.29	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	13.498	15.68	PASS

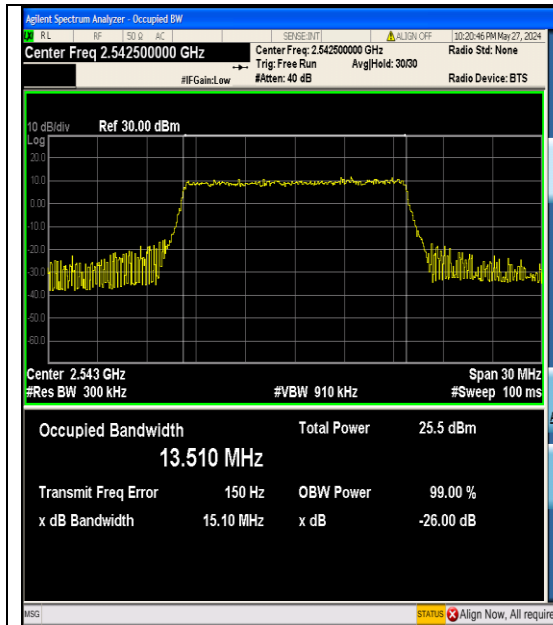
2655)							
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	17.982	19.56	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	17.969	19.85	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	17.991	19.63	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	17.947	19.73	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	17.949	19.70	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	17.955	19.85	PASS

# Test Graphs

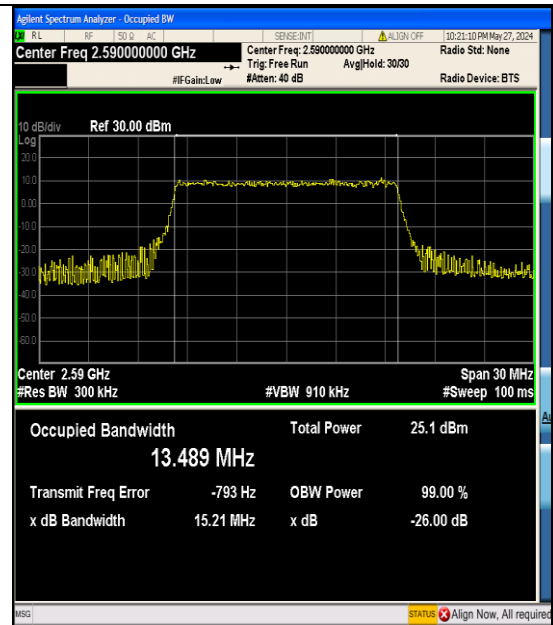




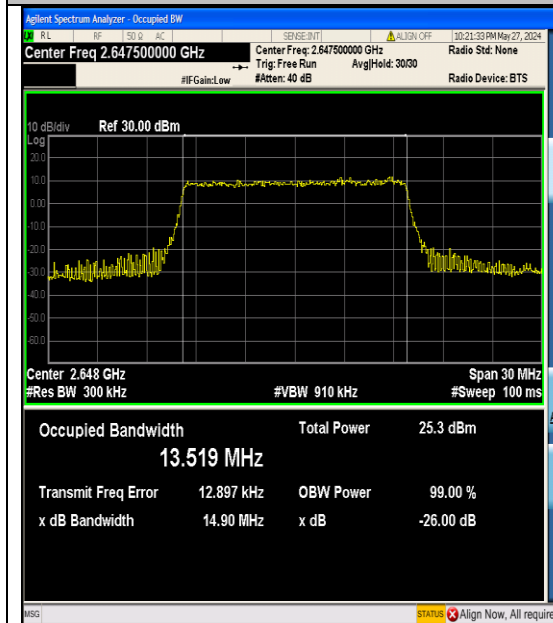




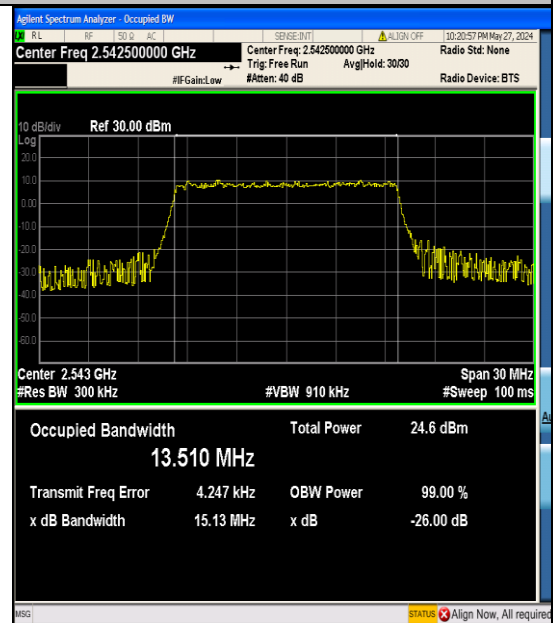
Band41(2535-2655)-15MHz-QPSK-40115-75RB#0-PASS



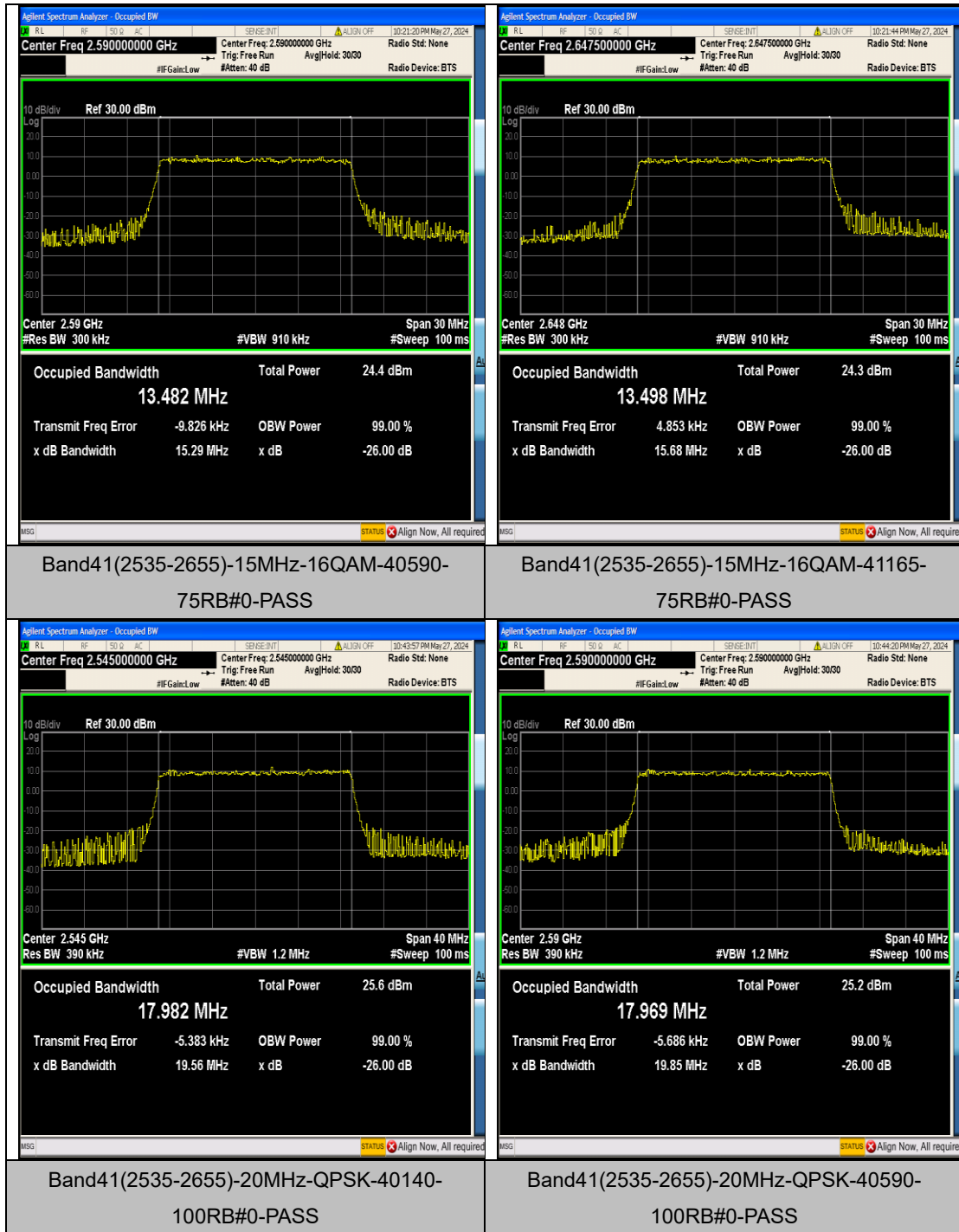
Band 41(2535-2655)-15MHz-QPSK-40590-75RB#0-PASS



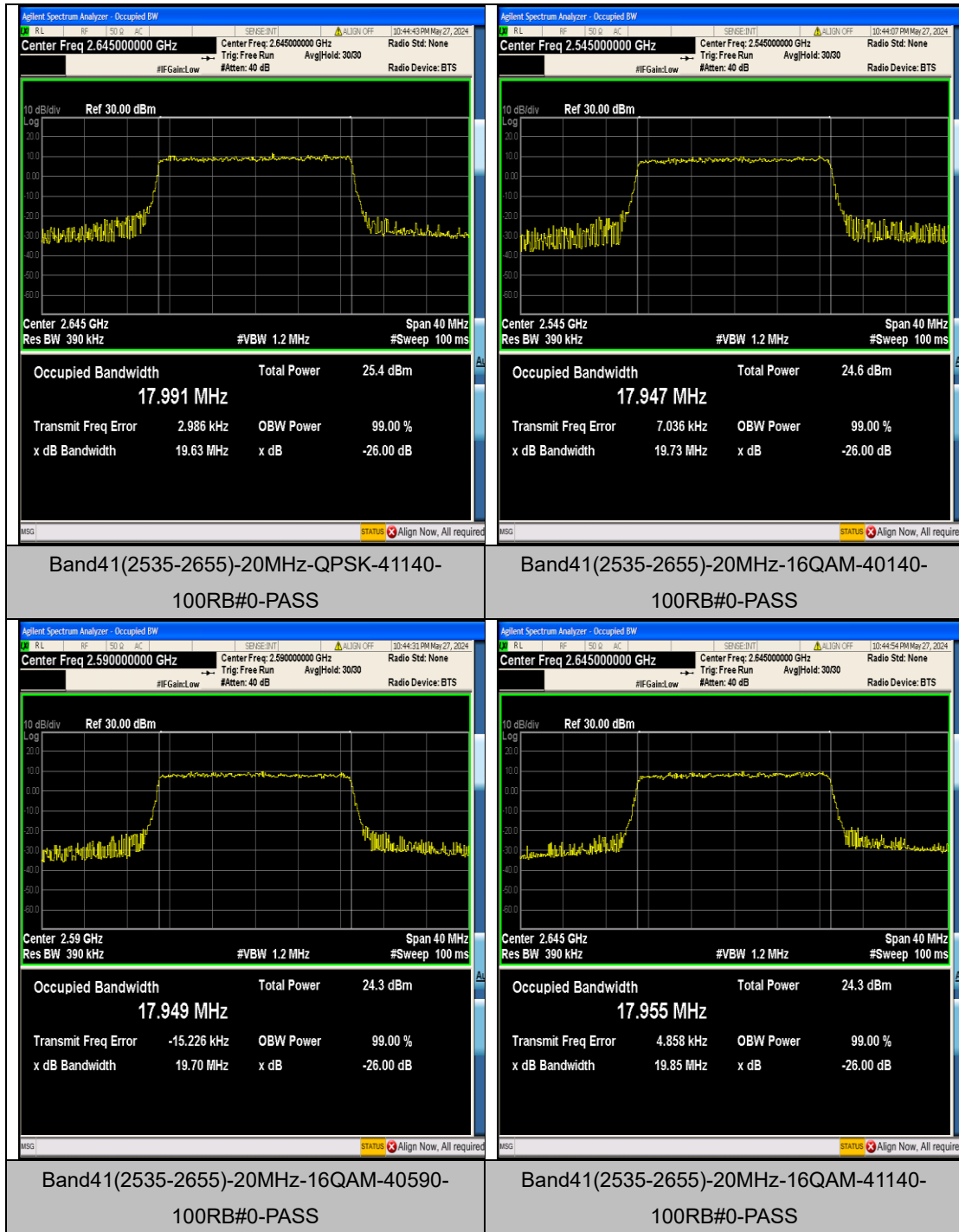
Band41(2535-2655)-15MHz-QPSK-41165-75RB#0-PASS



Band41(2535-2655)-15MHz-16QAM-40115-75RB#0-PASS





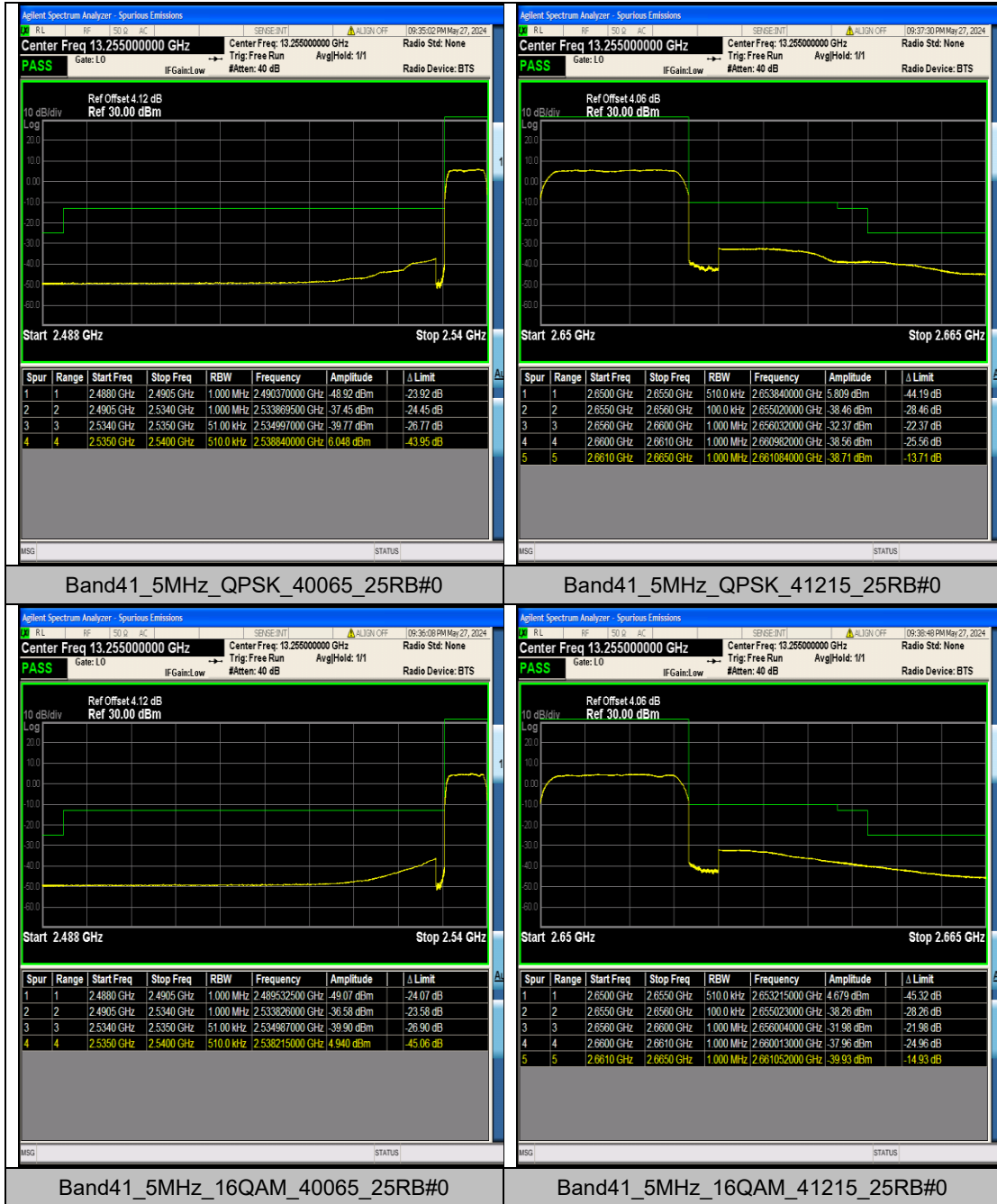


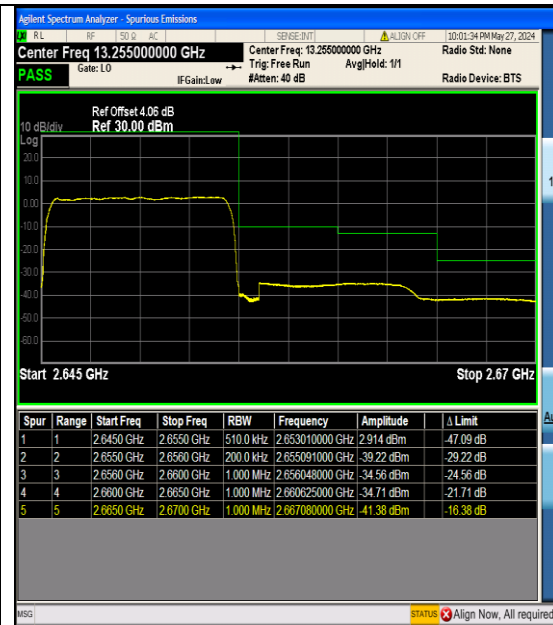
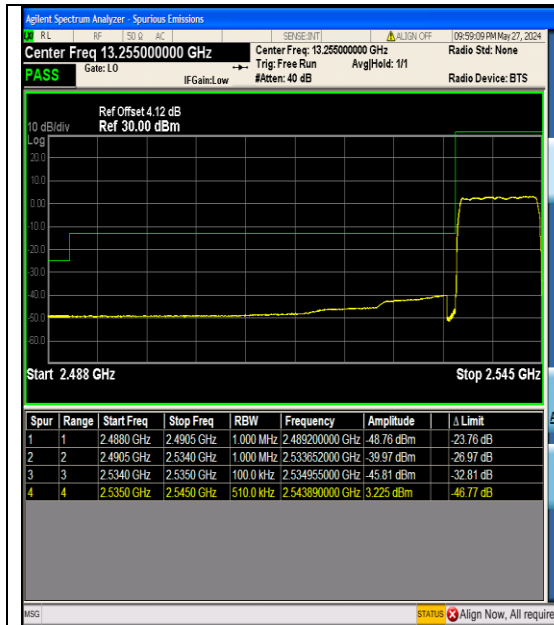
## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	-48.92	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	-38.71	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	-36.58	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	-39.93	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	-48.76	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	-41.38	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	-48.86	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	-40.64	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	-48.79	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	-41.67	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	-48.76	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	-41.02	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	-48.85	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	-43.65	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	-48.78	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	-43.55	PASS

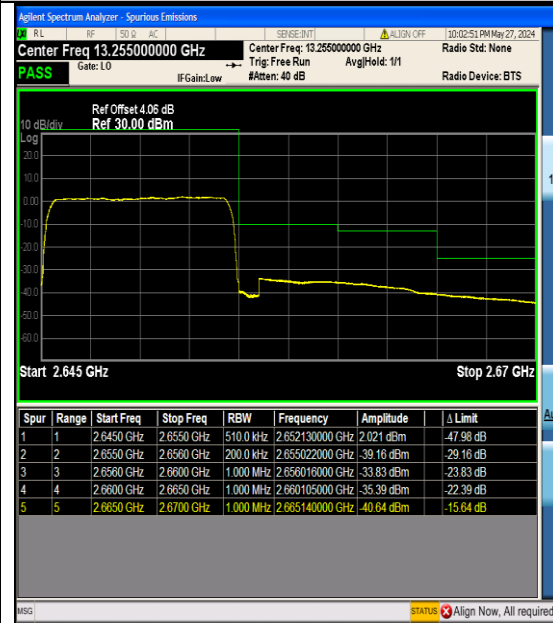
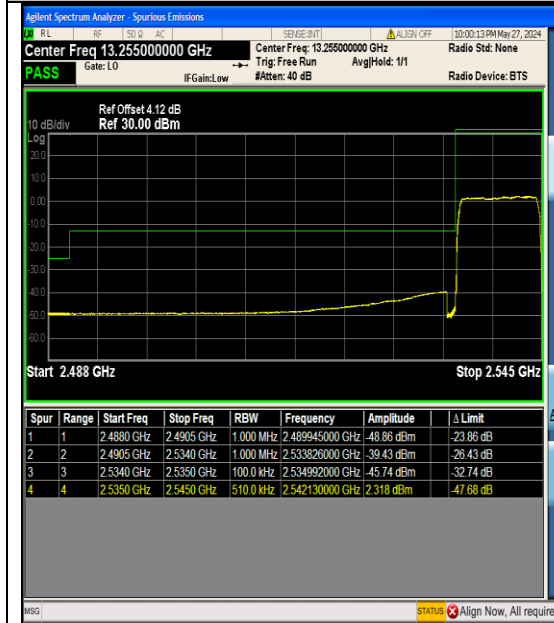
# Test Graphs





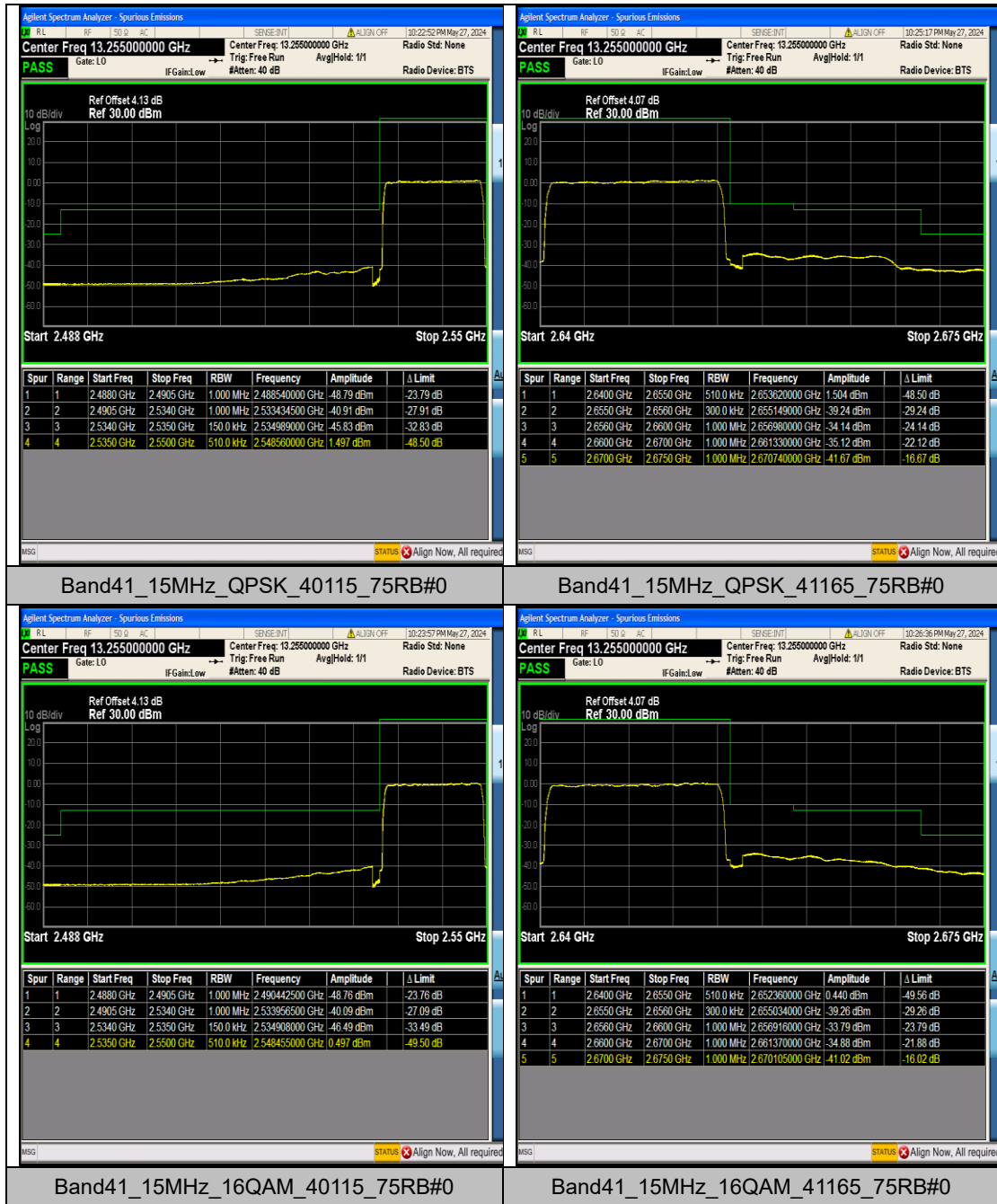
Band41\_10MHz\_QPSK\_4090\_50RB#0

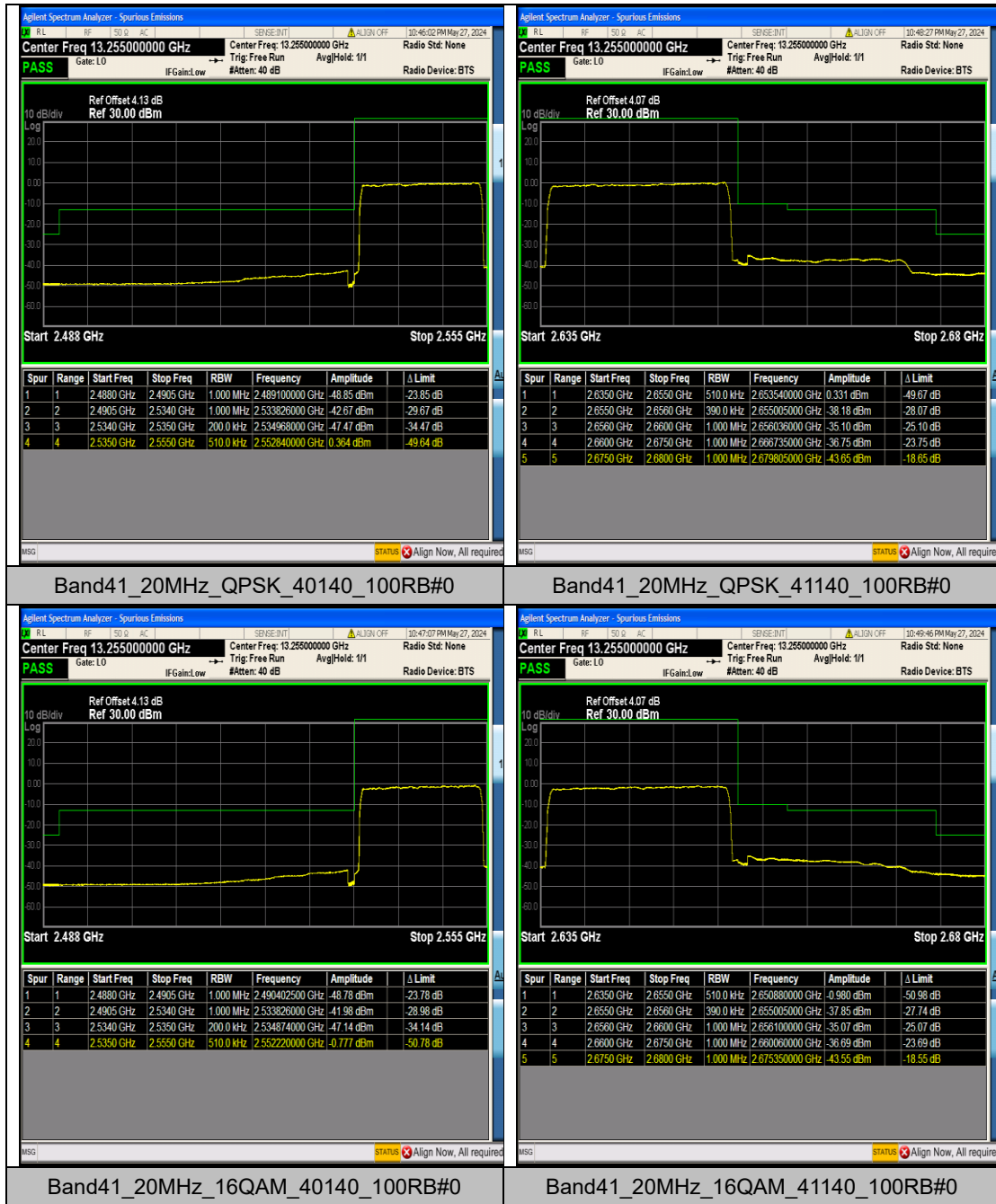
Band41\_10MHz\_QPSK\_4190\_50RB#0



Band41\_10MHz\_16QAM\_4090\_50RB#0

Band41\_10MHz\_16QAM\_4190\_50RB#0





## 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	-74.68	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	0.15~30	-65.79	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	30~1000	-63.44	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	1000~20000	-42.95	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	20000~27000	-39.95	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.009~0.15	-74.55	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	0.15~30	-67.87	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	30~1000	-66.36	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	1000~20000	-45.27	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	20000~27000	-39.71	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.009~0.15	-74.95	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	0.15~30	-67.71	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	30~1000	-66.78	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	1000~20000	-41.88	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	20000~27000	-39.47	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.009~0.15	-73.30	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	0.15~30	-66.97	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	30~1000	-65.52	PASS

Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	1000~20000	- 45.86	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	20000~27000	- 39.62	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.009~0.15	- 73.04	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	0.15~30	- 69.39	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	30~1000	- 66.68	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	1000~20000	- 43.58	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	20000~27000	- 39.89	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.009~0.15	- 74.59	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	0.15~30	- 67.73	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	30~1000	- 66.81	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	1000~20000	- 43.51	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	20000~27000	- 39.89	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.009~0.15	- 74.28	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	0.15~30	- 66.37	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	30~1000	- 66.70	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	1000~20000	- 45.71	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	20000~27000	- 39.52	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.009~0.15	- 72.60	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	0.15~30	- 69.27	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	30~1000	- 66.39	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	1000~20000	- 46.10	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	20000~27000	- 39.59	PASS



Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.009~0.15	- 72.19	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	0.15~30	- 67.31	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	30~1000	- 66.56	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	1000~20000	- 44.15	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	20000~27000	- 39.55	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.009~0.15	- 71.47	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	0.15~30	- 64.51	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	30~1000	- 66.72	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	1000~20000	- 46.17	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	20000~27000	- 39.73	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.009~0.15	- 74.52	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	0.15~30	- 67.42	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	30~1000	- 66.84	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	1000~20000	- 46.16	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	- 72.37	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	0.15~30	- 67.02	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	30~1000	- 66.72	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	1000~20000	- 45.43	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	20000~27000	- 39.84	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.009~0.15	- 73.30	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	0.15~30	- 66.47	PASS

Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	30~1000	- 66.51	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	1000~20000	- 45.89	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	20000~27000	- 39.78	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.009~0.15	- 73.71	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	0.15~30	- 64.14	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	30~1000	- 66.30	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	1000~20000	- 45.95	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	20000~27000	- 39.66	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.009~0.15	- 73.10	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	0.15~30	- 65.87	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	30~1000	- 66.30	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	1000~20000	- 45.43	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	20000~27000	- 39.49	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.009~0.15	- 74.86	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	0.15~30	- 67.22	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	30~1000	- 66.77	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	1000~20000	- 46.07	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	20000~27000	- 39.68	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.009~0.15	- 74.58	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	0.15~30	- 64.41	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	30~1000	- 66.73	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	1000~20000	- 45.73	PASS

Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	20000~27000	- 39.71	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.009~0.15	- 72.55	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	0.15~30	- 68.17	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	30~1000	- 66.74	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	1000~20000	- 45.94	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	20000~27000	- 39.73	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.009~0.15	- 73.94	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	0.15~30	- 67.33	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	30~1000	- 66.56	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	1000~20000	- 46.23	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	20000~27000	- 39.58	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.009~0.15	- 72.57	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	0.15~30	- 67.22	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	30~1000	- 66.36	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	1000~20000	- 46.20	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	20000~27000	- 39.78	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.009~0.15	- 72.94	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	0.15~30	- 65.93	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	30~1000	- 66.66	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	1000~20000	- 45.98	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	20000~27000	- 39.62	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.009~0.15	- 75.33	PASS

Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	0.15~30	- 65.27	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	30~1000	- 66.82	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	1000~20000	- 46.15	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	20000~27000	- 39.39	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.009~0.15	- 73.01	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	0.15~30	- 65.22	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	30~1000	- 66.77	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	1000~20000	- 46.04	PASS
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	20000~27000	- 39.70	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.009~0.15	- 73.39	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	0.15~30	- 66.02	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	30~1000	- 66.57	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	1000~20000	- 45.83	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	20000~27000	- 39.33	PASS

# Test Graphs

