

FCC LTE Band Test Data

FCC ID : 2ATVQ-N40B

Company: : SHENZHEN BLOVEDREAM TECHNOLOGY CO.,LTD

EUT : Handheld terminal

Model Number : N40B

Reviewed By : Eric Wang

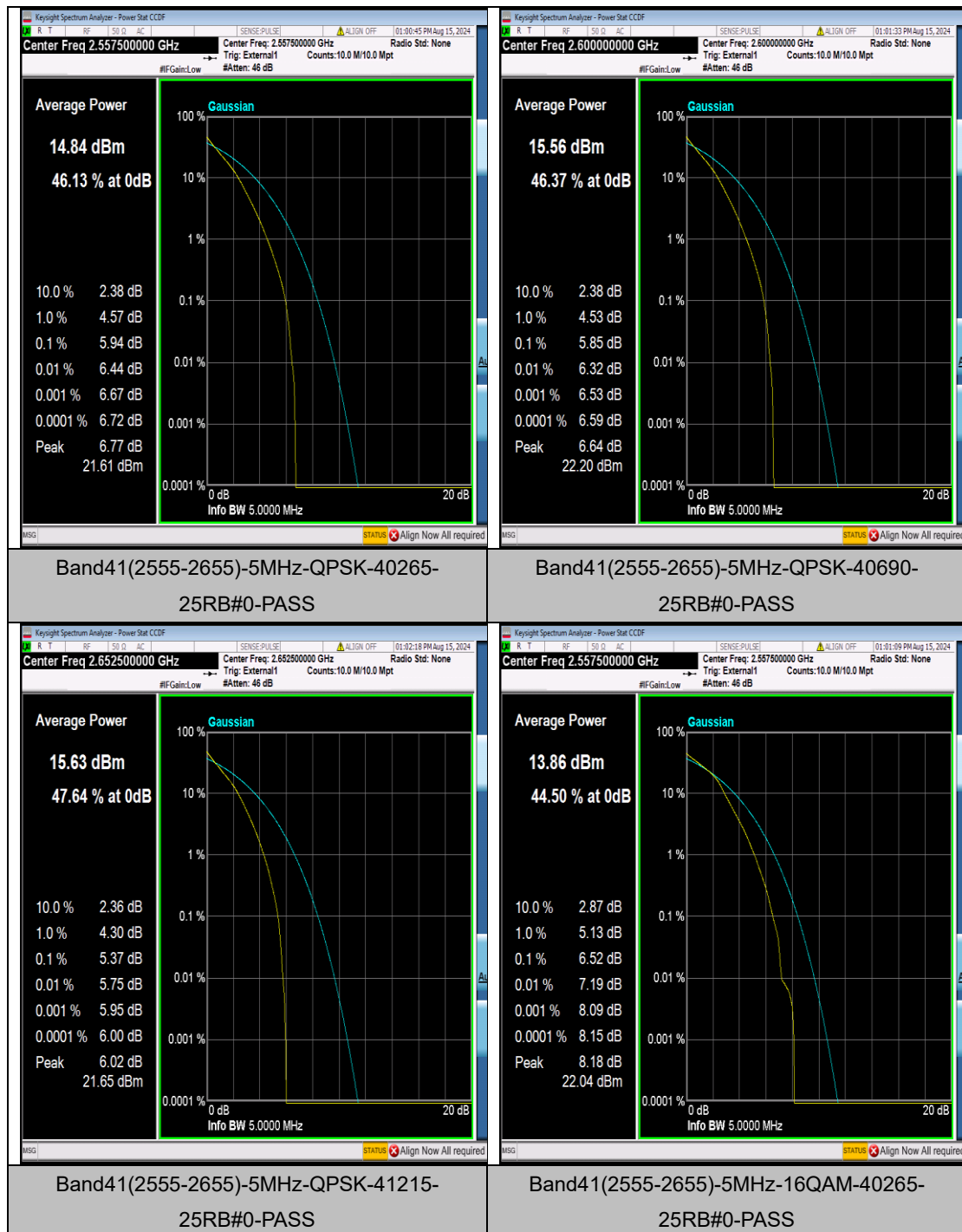
Appendix B: Peak-to-Average Ratio(CCDF)

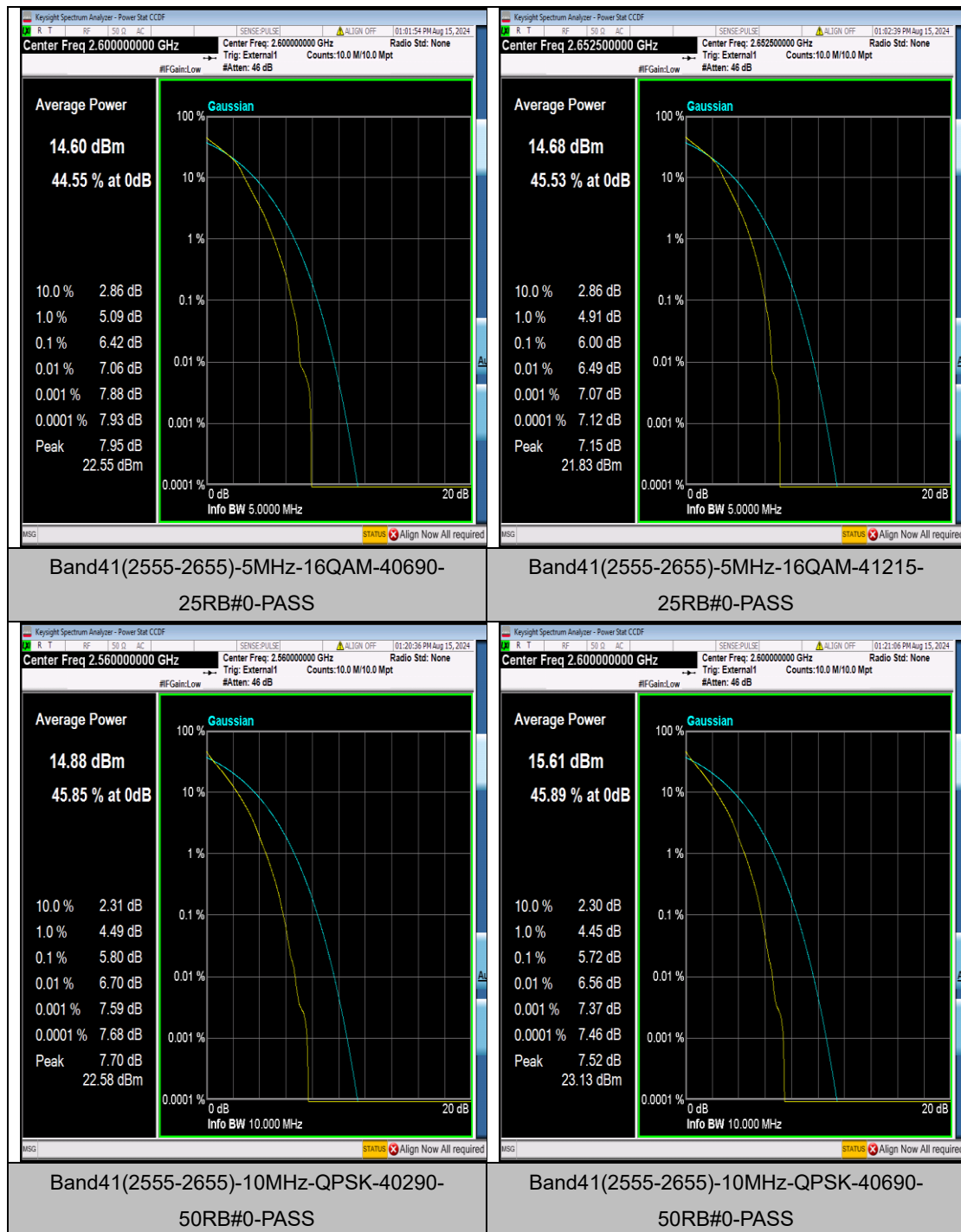
Test Result

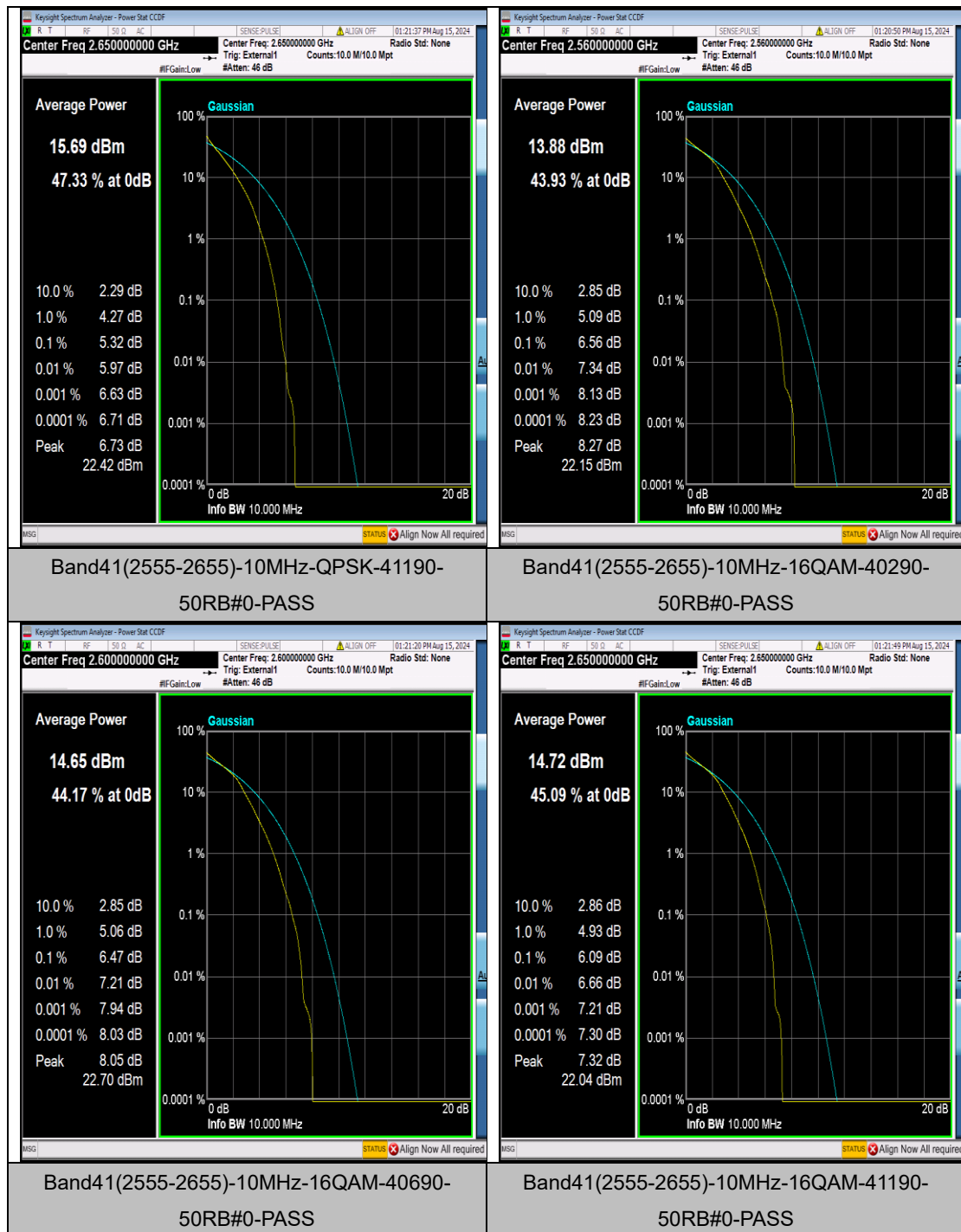
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	5.94	13	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	5.85	13	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	5.37	13	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	6.52	13	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	6.42	13	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	6.00	13	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	5.80	13	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	5.72	13	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	5.32	13	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	6.56	13	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	6.47	13	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	6.09	13	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	6.14	13	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	6.03	13	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	5.66	13	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	6.63	13	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	6.55	13	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	6.28	13	PASS

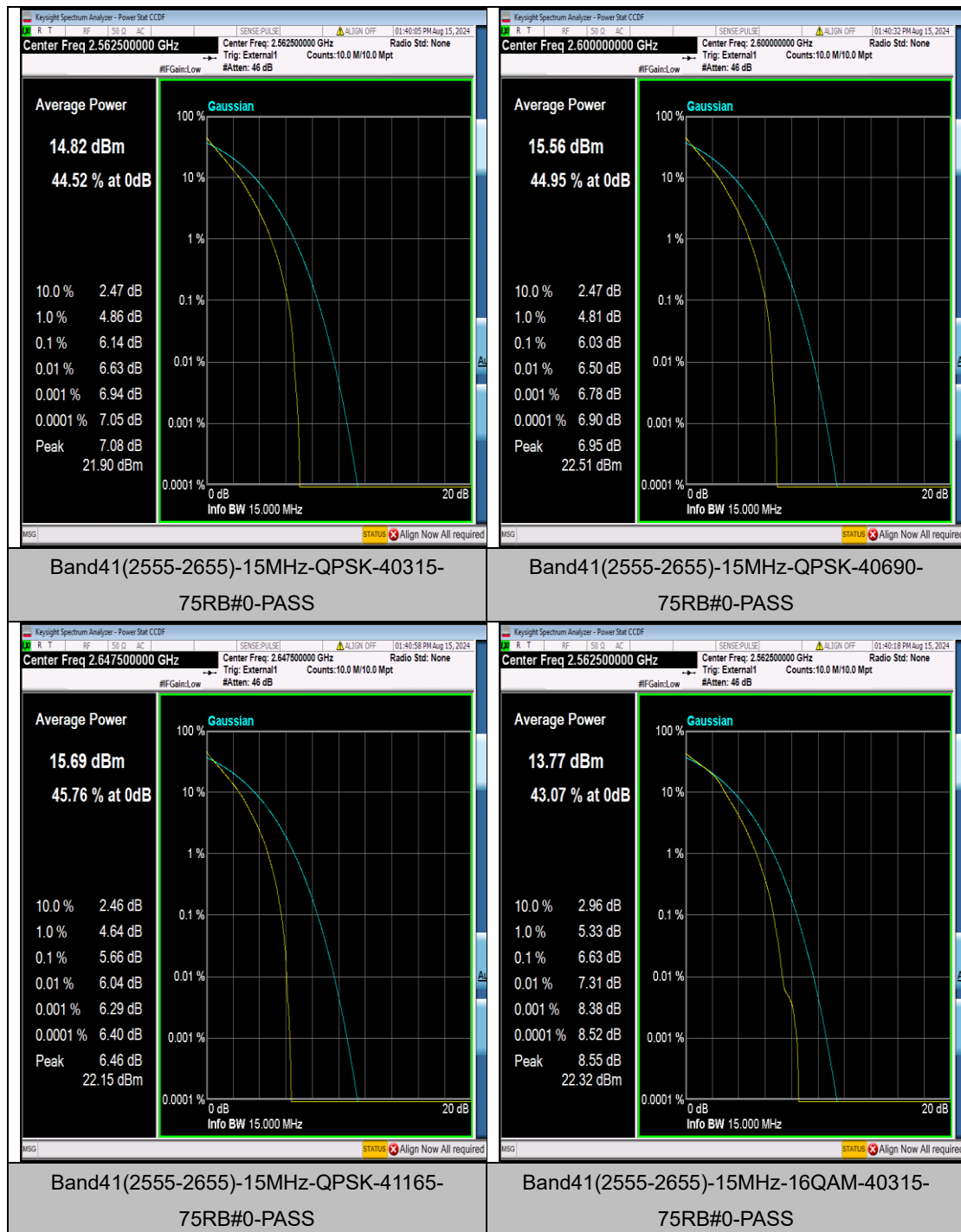
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	5.73	13	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	5.63	13	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	5.44	13	PASS
Band41(2555-2655)	20MHz	16QAM	40340	100RB#0	6.53	13	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	6.43	13	PASS
Band41(2555-2655)	20MHz	16QAM	41140	100RB#0	6.25	13	PASS

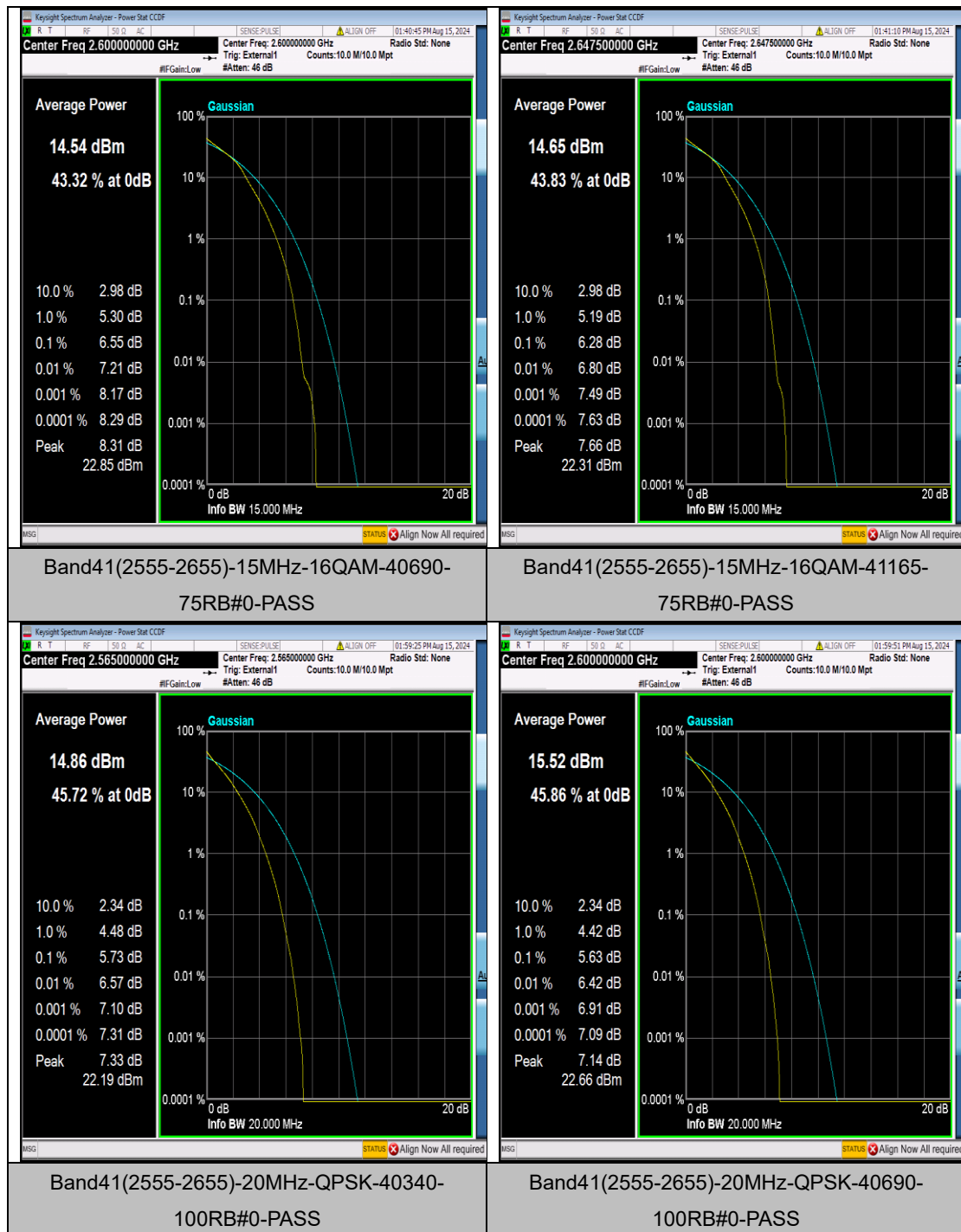
Test Graphs

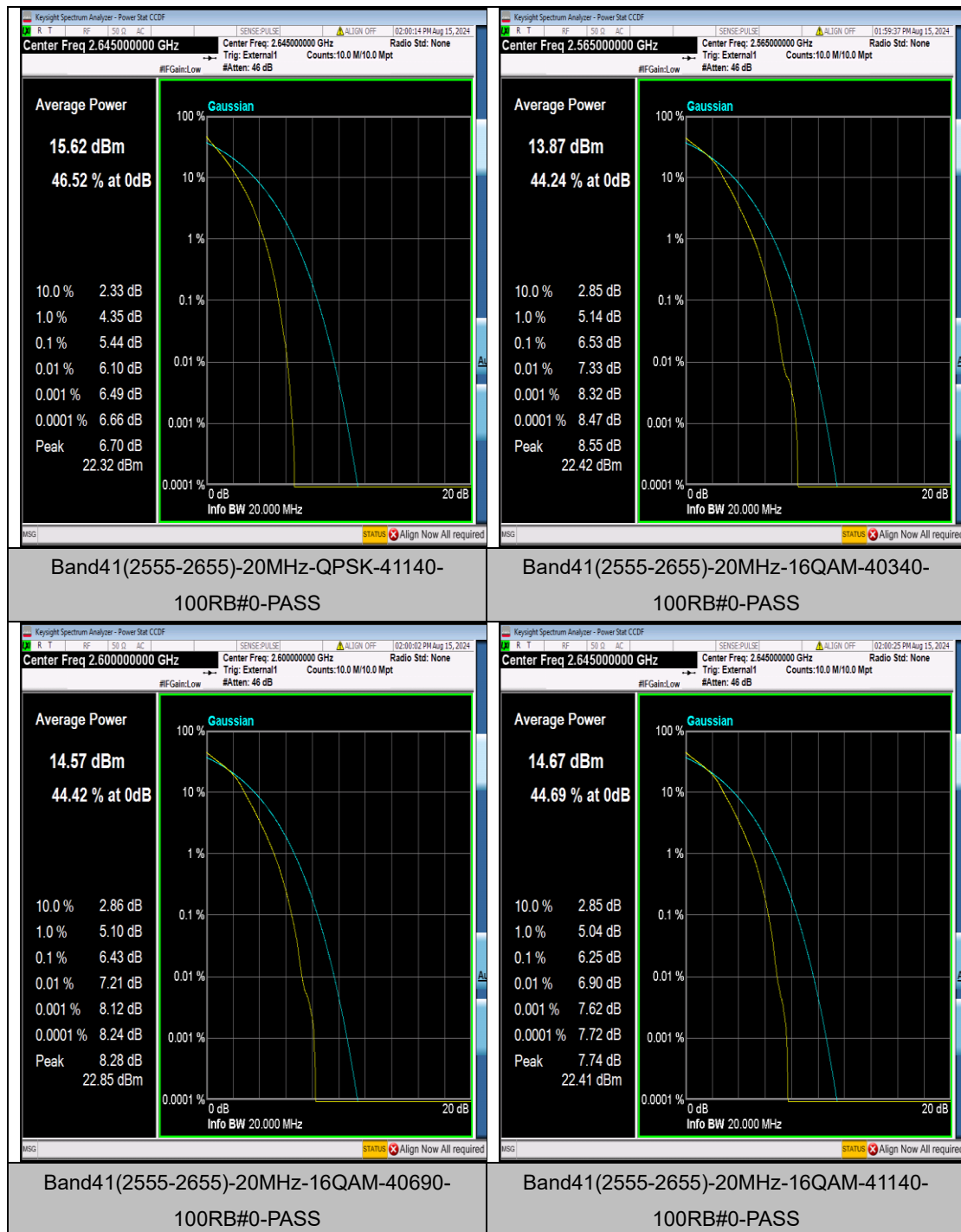












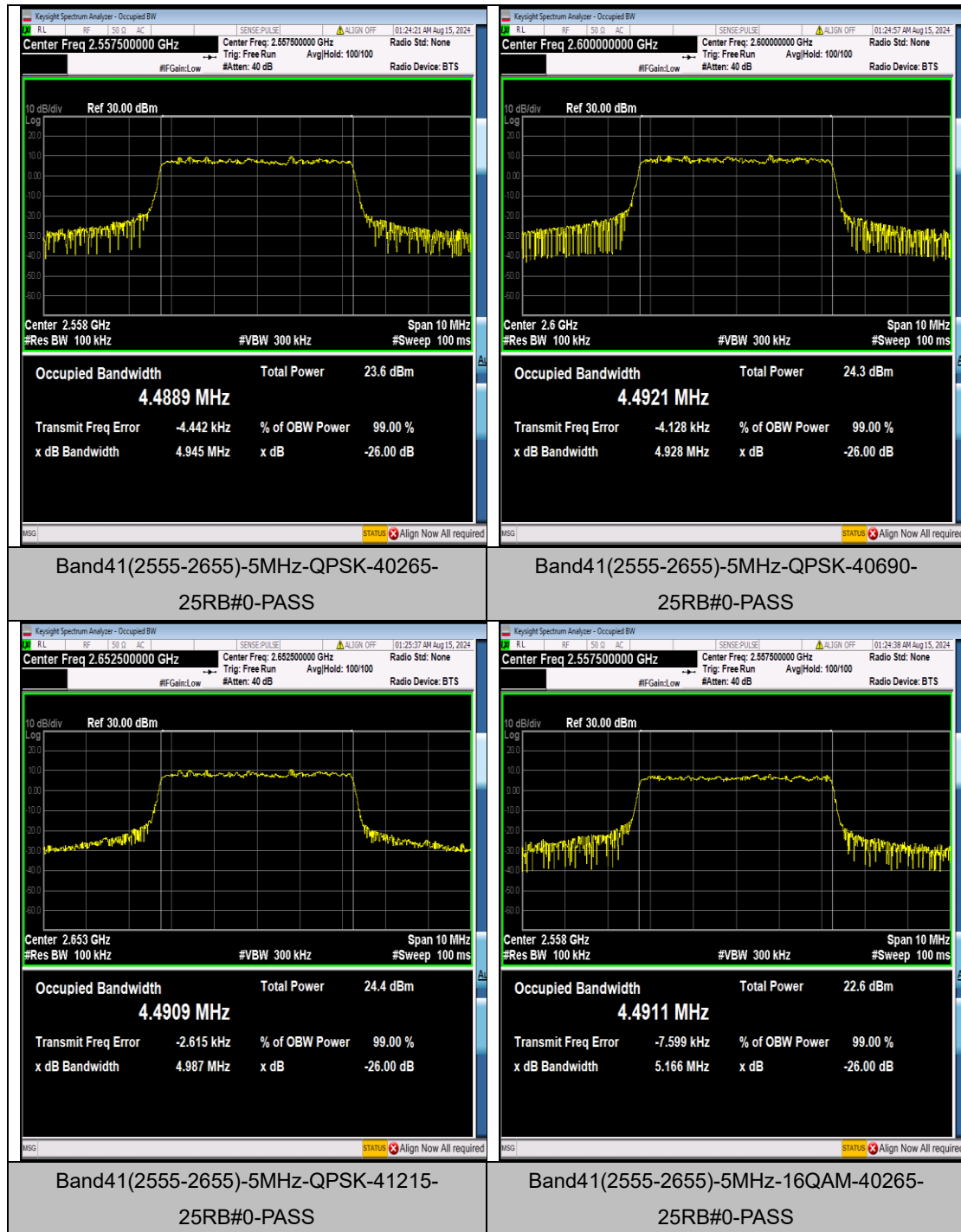
Appendix C: 26dB Bandwidth and Occupied Bandwidth

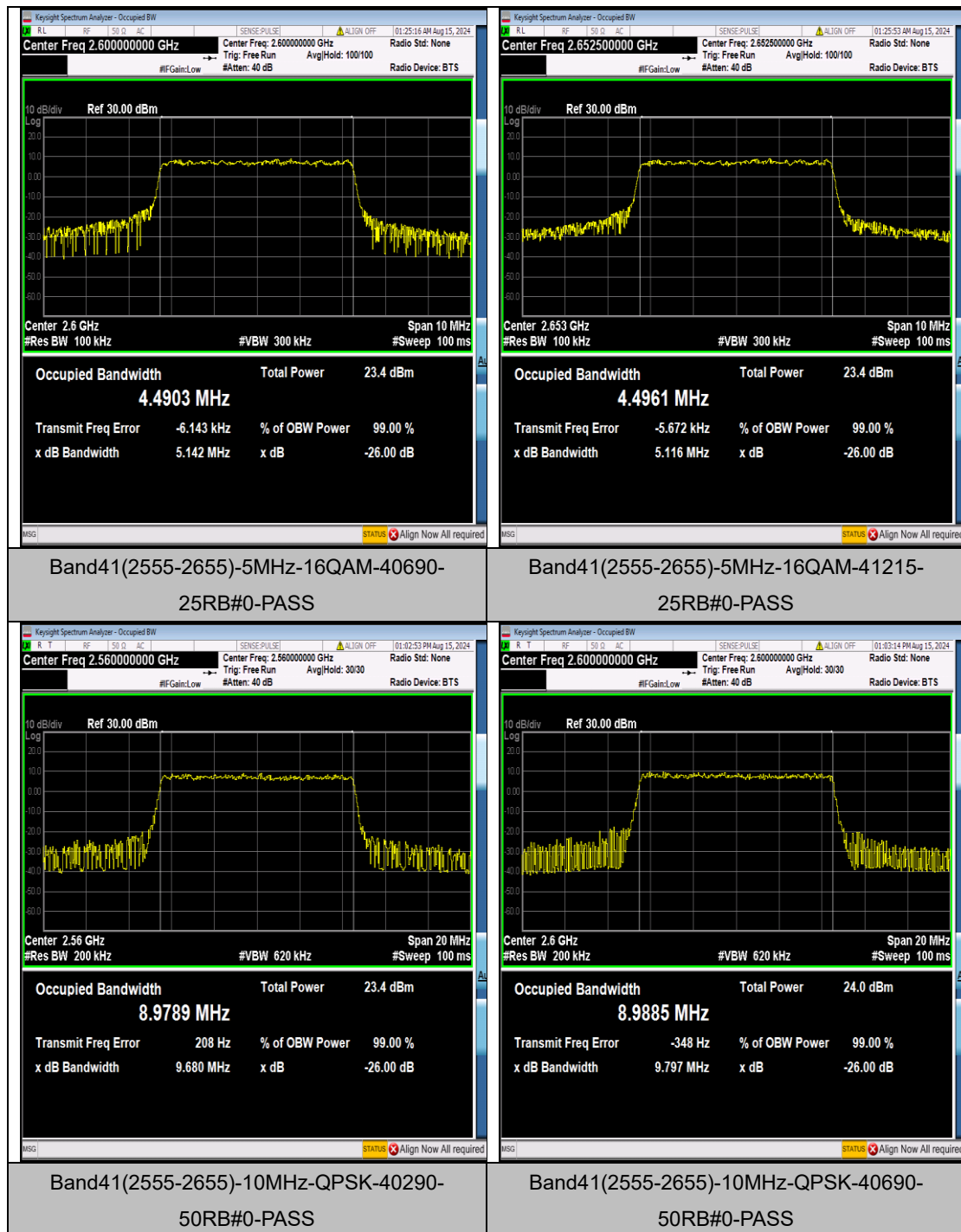
Test Result

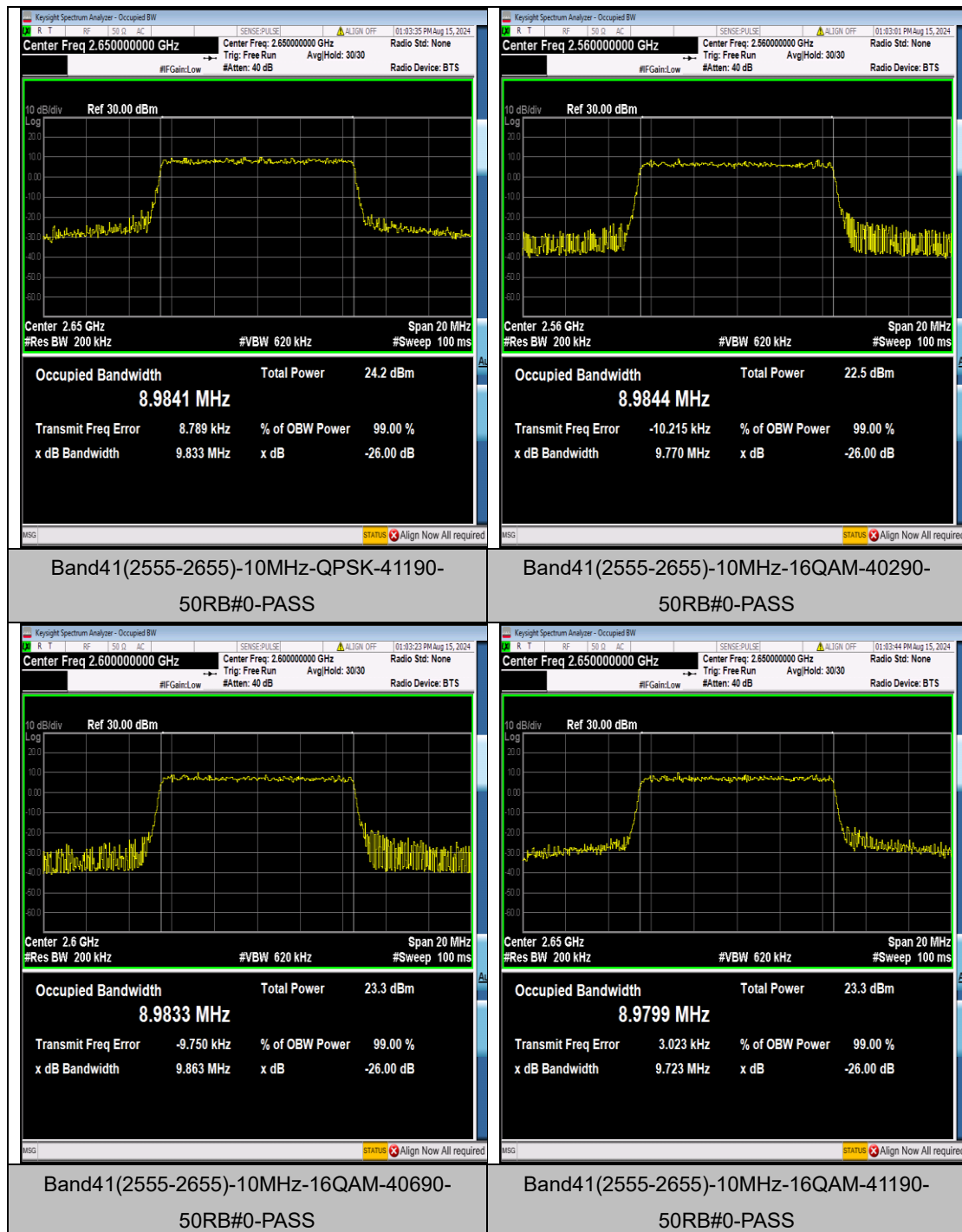
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	4.4889	4.945	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	4.4921	4.928	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	4.4909	4.987	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	4.4911	5.166	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	4.4903	5.142	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	4.4961	5.116	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	8.9789	9.680	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	8.9885	9.797	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	8.9841	9.833	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	8.9844	9.770	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	8.9833	9.863	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	8.9799	9.723	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	13.476	14.71	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	13.485	15.54	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	13.480	15.13	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	13.490	15.32	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	13.481	14.93	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	13.457	15.65	PASS

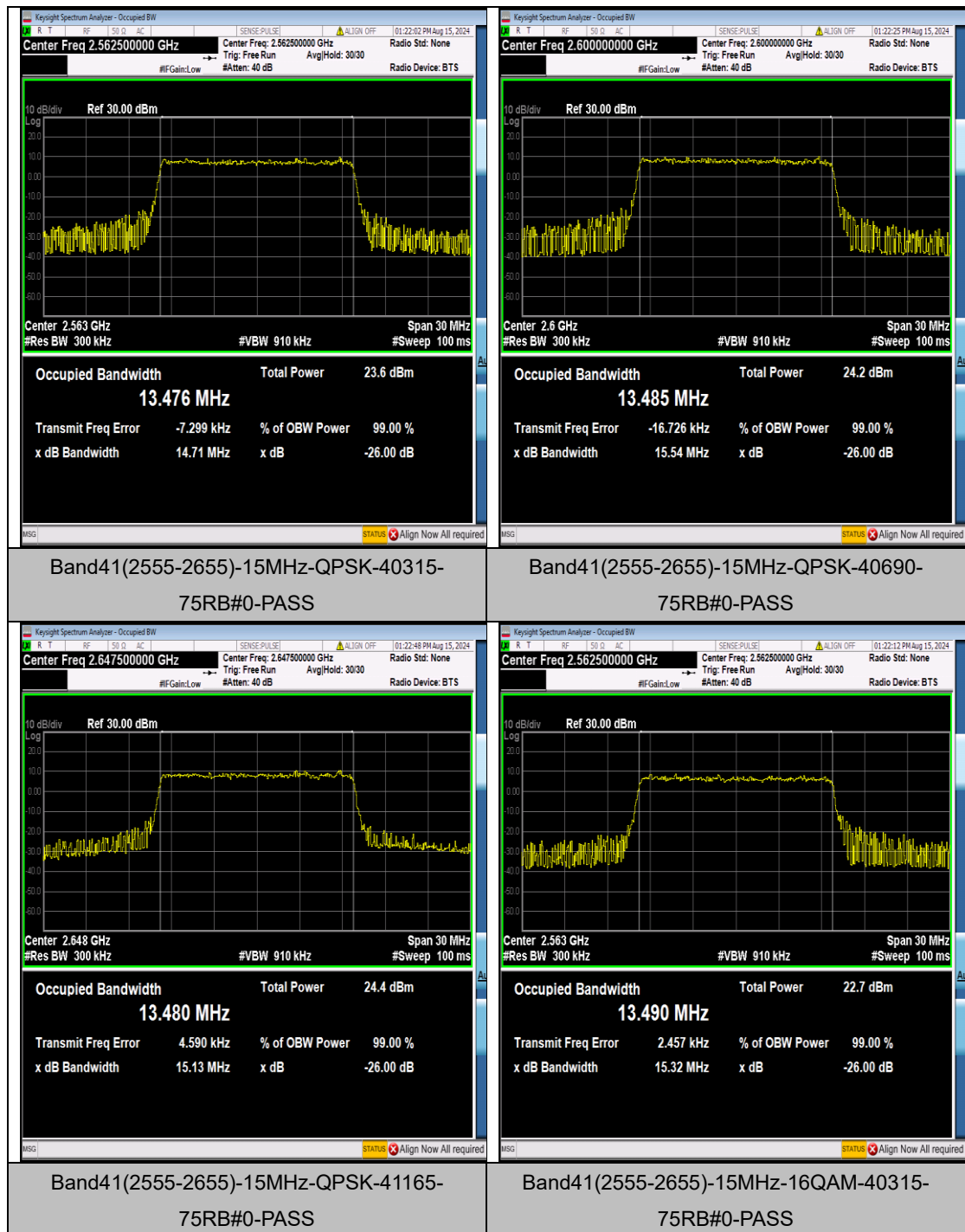
2655)							
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	18.014	19.69	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	17.983	19.94	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	17.987	19.85	PASS
Band41(2555-2655)	20MHz	16QAM	40340	100RB#0	17.979	19.85	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	17.929	19.69	PASS
Band41(2555-2655)	20MHz	16QAM	41140	100RB#0	17.927	20.35	PASS

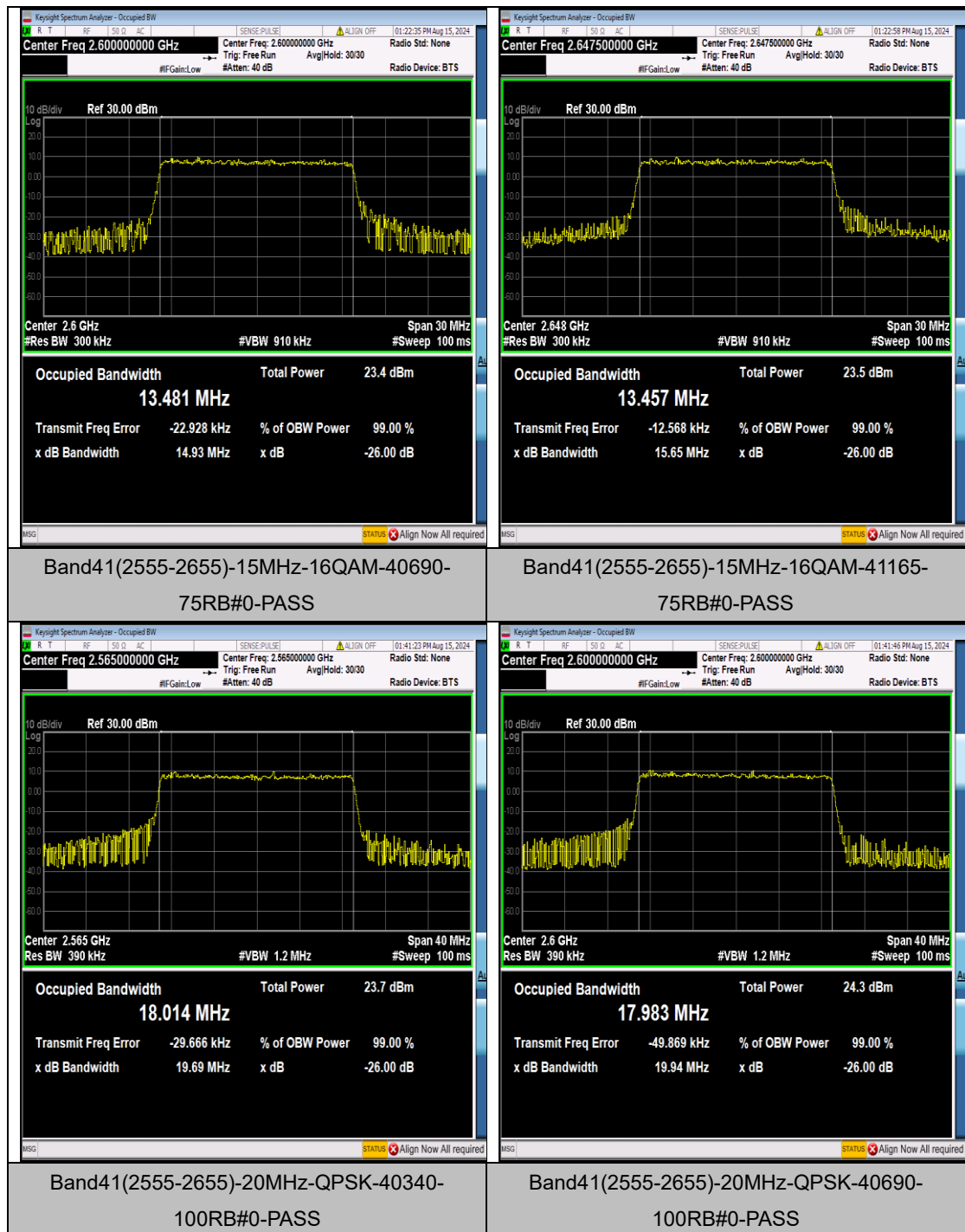
Test Graphs

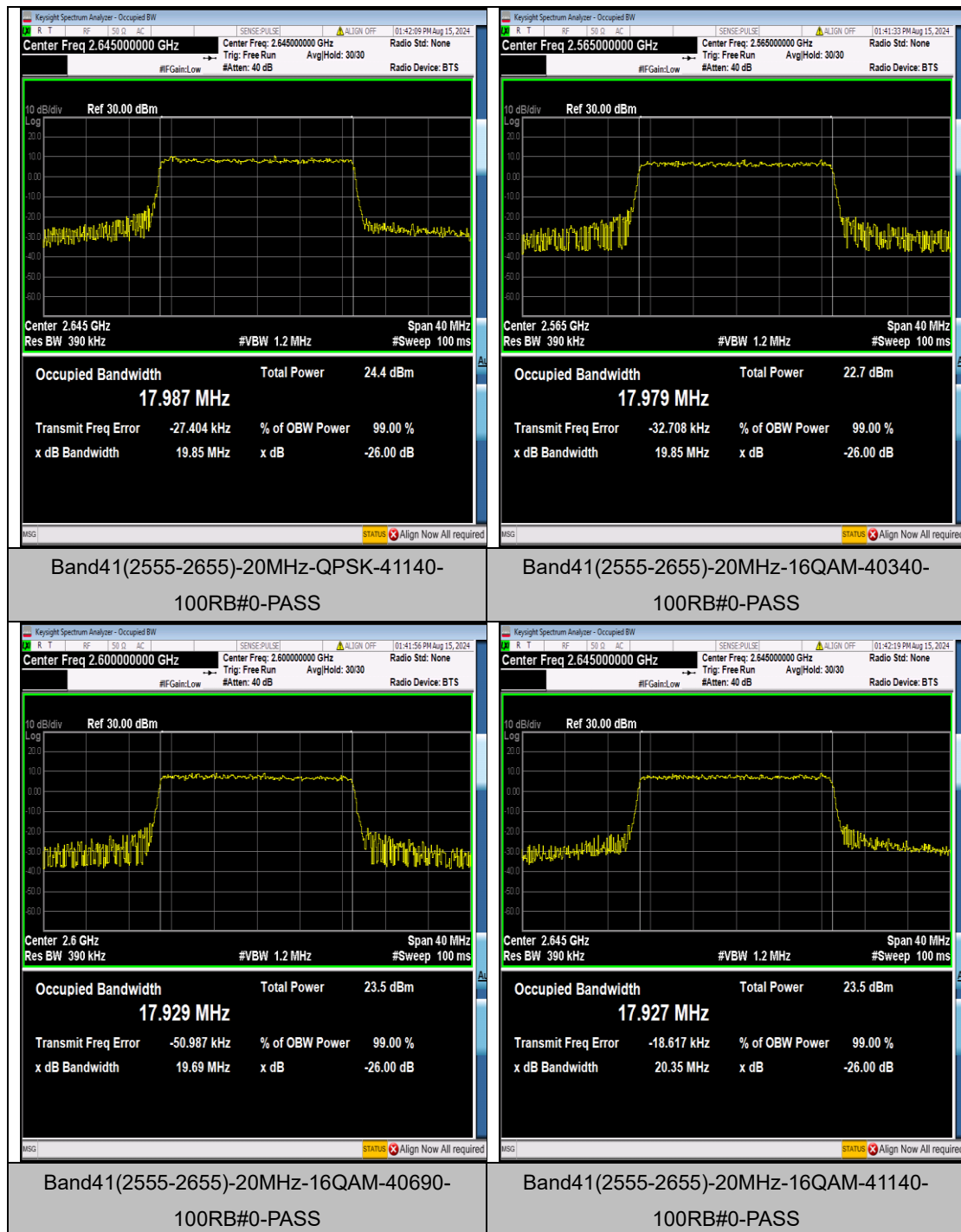










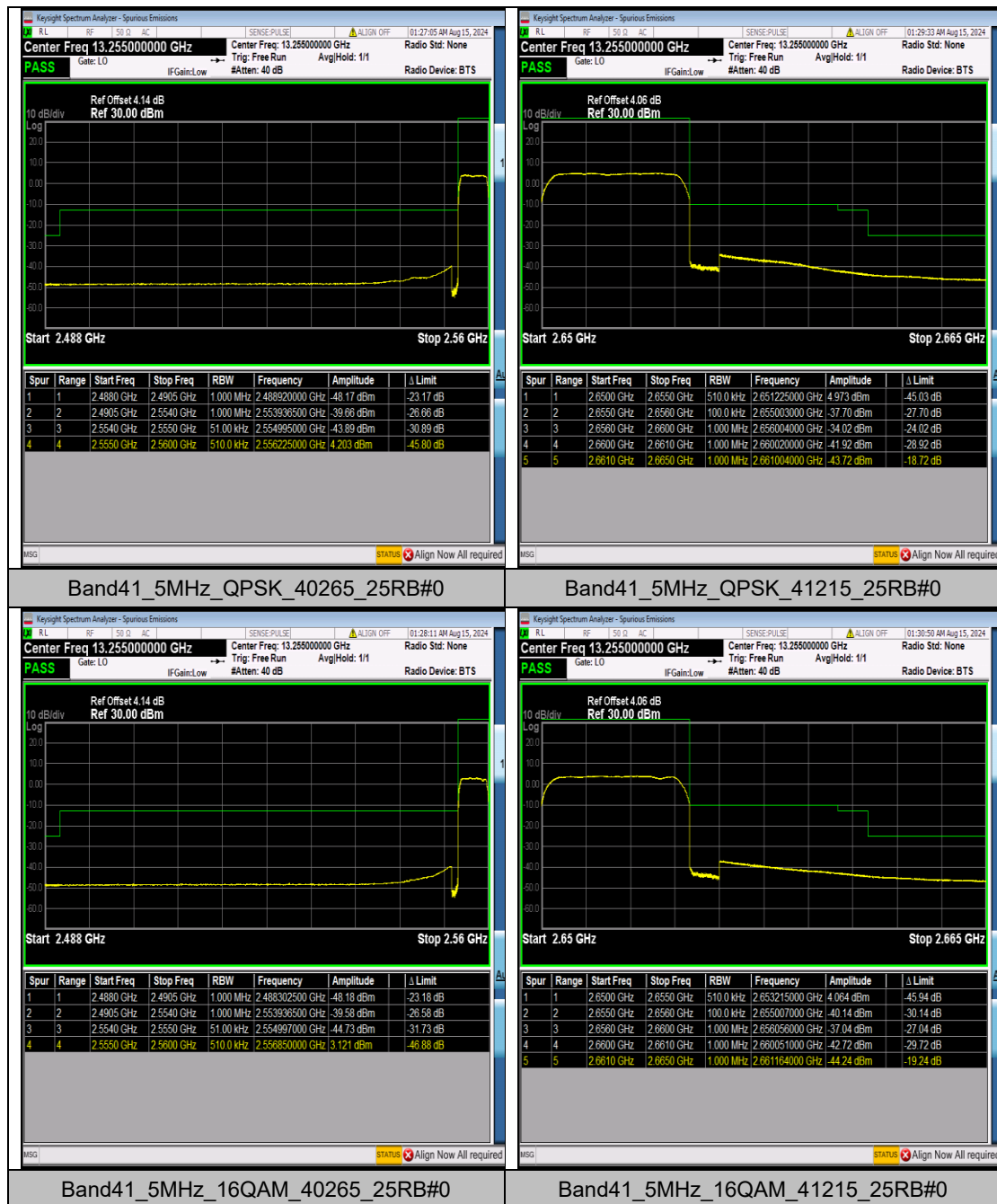


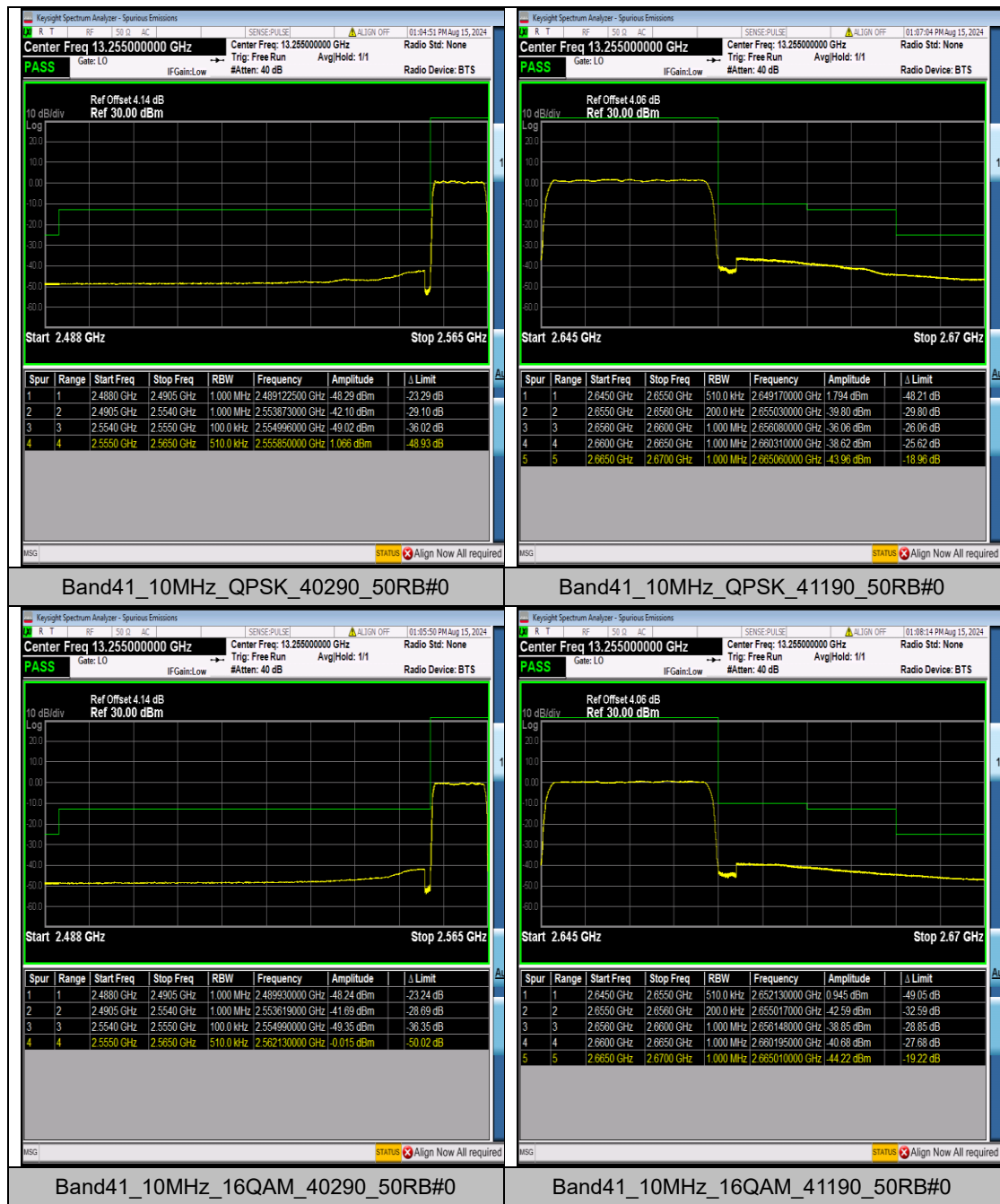
Appendix D: Band Edge

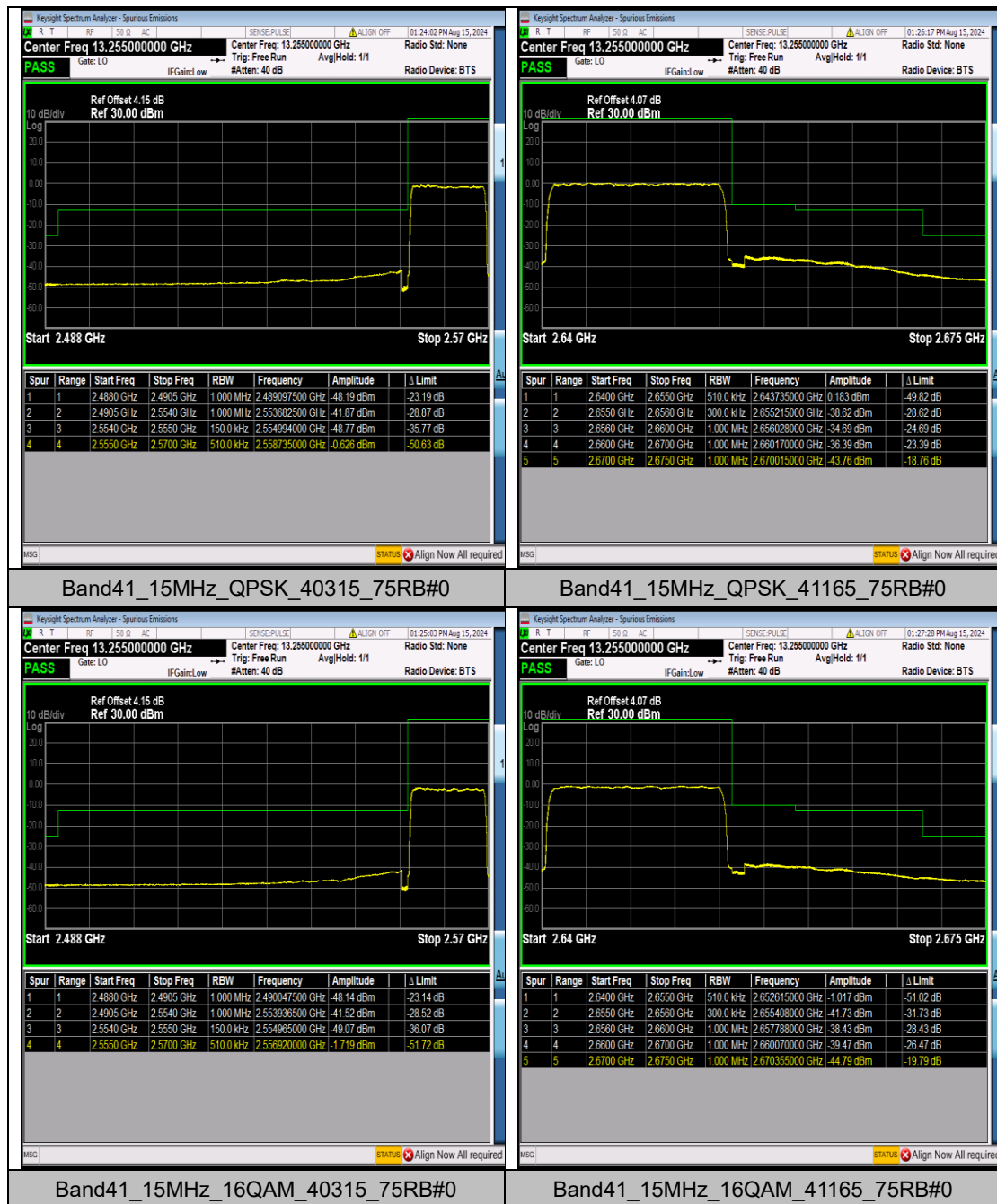
Test Result

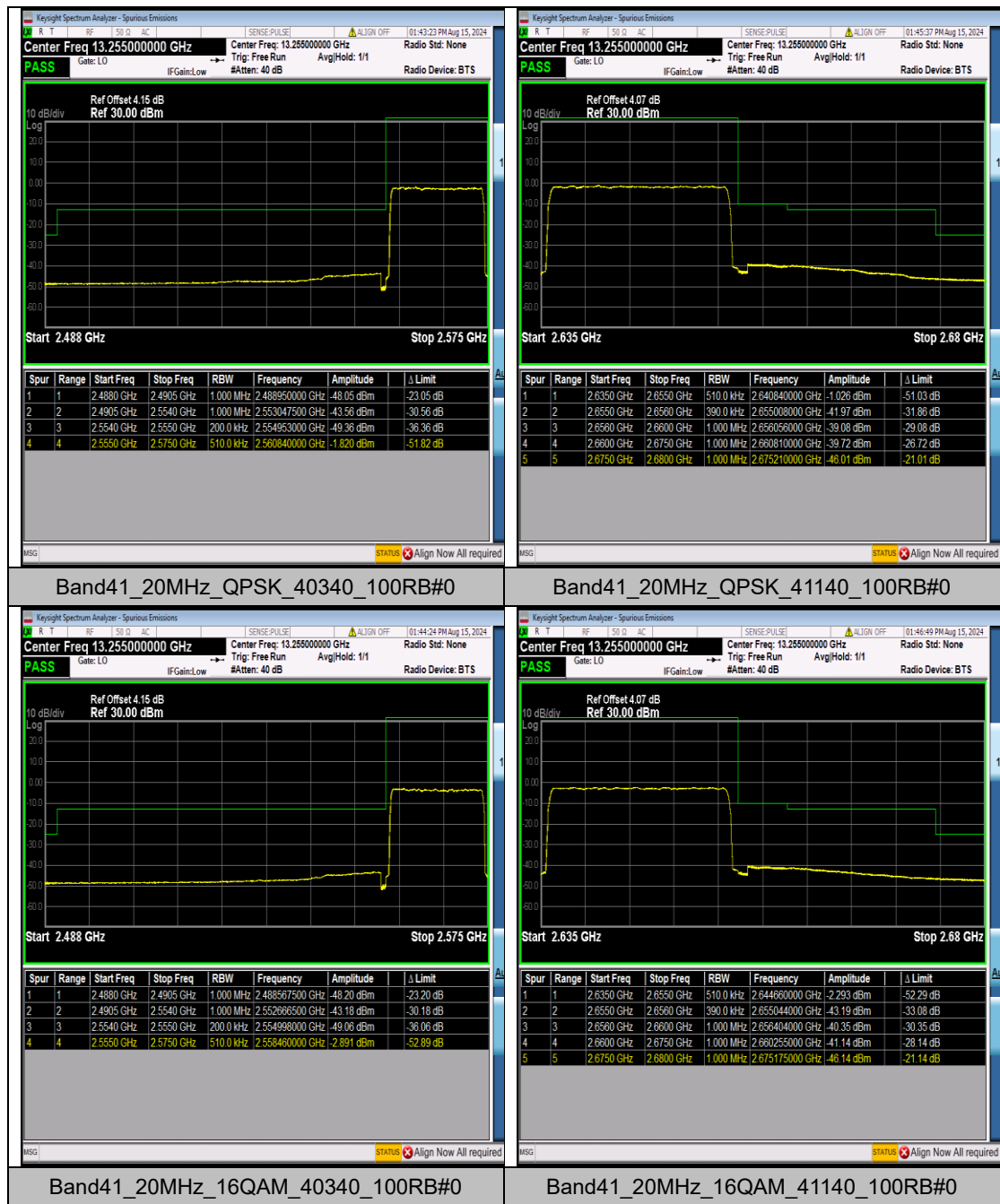
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	-48.17	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	-43.72	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	-48.18	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	-44.24	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	-48.29	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	-43.96	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	-48.24	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	-44.22	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	-48.19	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	-43.76	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	-48.14	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	-44.79	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	-48.05	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	-46.01	PASS
Band41(2555-2655)	20MHz	16QAM	40340	100RB#0	-48.20	PASS
Band41(2555-2655)	20MHz	16QAM	41140	100RB#0	-46.14	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	0.009~0.15	-70.63	PASS
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	0.15~30	-62.92	PASS
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	30~1000	-66.22	PASS
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	1000~20000	-46.20	PASS
Band41(2555-2655)	5MHz	QPSK	40265	25RB#0	20000~27000	-40.40	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	0.009~0.15	-72.48	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	0.15~30	-62.59	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	30~1000	-66.36	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	1000~20000	-45.91	PASS
Band41(2555-2655)	5MHz	QPSK	40690	25RB#0	20000~27000	-40.39	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	0.009~0.15	-70.05	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	0.15~30	-61.41	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	30~1000	-66.34	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	1000~20000	-46.01	PASS
Band41(2555-2655)	5MHz	QPSK	41215	25RB#0	20000~27000	-40.05	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	0.009~0.15	-72.21	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	0.15~30	-63.50	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	30~1000	-66.29	PASS

Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	1000~20000	- 45.51	PASS
Band41(2555-2655)	5MHz	16QAM	40265	25RB#0	20000~27000	- 40.08	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	0.009~0.15	- 69.81	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	0.15~30	- 63.36	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	30~1000	- 66.55	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	1000~20000	- 46.09	PASS
Band41(2555-2655)	5MHz	16QAM	40690	25RB#0	20000~27000	- 40.28	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	0.009~0.15	- 72.36	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	0.15~30	- 61.44	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	30~1000	- 66.17	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	1000~20000	- 45.83	PASS
Band41(2555-2655)	5MHz	16QAM	41215	25RB#0	20000~27000	- 40.12	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	0.009~0.15	- 67.93	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	0.15~30	- 62.49	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	30~1000	- 66.39	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	1000~20000	- 46.20	PASS
Band41(2555-2655)	10MHz	QPSK	40290	50RB#0	20000~27000	- 40.17	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	0.009~0.15	- 69.29	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	0.15~30	- 62.66	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	30~1000	- 66.73	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	1000~20000	- 46.30	PASS
Band41(2555-2655)	10MHz	QPSK	40690	50RB#0	20000~27000	- 40.07	PASS

Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	0.009~0.15	- 72.08	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	0.15~30	- 64.00	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	30~1000	- 66.30	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	1000~20000	- 46.19	PASS
Band41(2555-2655)	10MHz	QPSK	41190	50RB#0	20000~27000	- 39.90	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	0.009~0.15	- 70.43	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	0.15~30	- 63.44	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	30~1000	- 66.51	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	1000~20000	- 45.99	PASS
Band41(2555-2655)	10MHz	16QAM	40290	50RB#0	20000~27000	- 40.32	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	0.009~0.15	- 69.35	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	0.15~30	- 61.58	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	30~1000	- 66.47	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	1000~20000	- 45.69	PASS
Band41(2555-2655)	10MHz	16QAM	40690	50RB#0	20000~27000	- 40.25	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	0.009~0.15	- 70.36	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	0.15~30	- 65.18	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	30~1000	- 66.51	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	1000~20000	- 46.11	PASS
Band41(2555-2655)	10MHz	16QAM	41190	50RB#0	20000~27000	- 40.14	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	0.009~0.15	- 69.74	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	0.15~30	- 59.87	PASS

Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	30~1000	- 65.85	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	1000~20000	- 45.43	PASS
Band41(2555-2655)	15MHz	QPSK	40315	75RB#0	20000~27000	- 40.38	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	0.009~0.15	- 71.98	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	0.15~30	- 63.81	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	30~1000	- 66.17	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	1000~20000	- 45.82	PASS
Band41(2555-2655)	15MHz	QPSK	40690	75RB#0	20000~27000	- 40.20	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	0.009~0.15	- 69.29	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	0.15~30	- 62.55	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	30~1000	- 66.42	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	1000~20000	- 45.55	PASS
Band41(2555-2655)	15MHz	QPSK	41165	75RB#0	20000~27000	- 40.15	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	0.009~0.15	- 69.48	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	0.15~30	- 61.55	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	30~1000	- 66.52	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	1000~20000	- 45.84	PASS
Band41(2555-2655)	15MHz	16QAM	40315	75RB#0	20000~27000	- 40.31	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	0.009~0.15	- 70.76	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	0.15~30	- 65.52	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	30~1000	- 66.28	PASS
Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	1000~20000	- 45.60	PASS

Band41(2555-2655)	15MHz	16QAM	40690	75RB#0	20000~27000	- 40.48	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	0.009~0.15	- 69.33	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	0.15~30	- 62.50	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	30~1000	- 66.25	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	1000~20000	- 45.53	PASS
Band41(2555-2655)	15MHz	16QAM	41165	75RB#0	20000~27000	- 40.10	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	0.009~0.15	- 69.66	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	0.15~30	- 62.51	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	30~1000	- 66.74	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	1000~20000	- 45.30	PASS
Band41(2555-2655)	20MHz	QPSK	40340	100RB#0	20000~27000	- 40.34	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	0.009~0.15	- 72.99	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	0.15~30	- 62.04	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	30~1000	- 66.28	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	1000~20000	- 46.12	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	20000~27000	- 40.30	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	0.009~0.15	- 70.96	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	0.15~30	- 61.99	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	30~1000	- 66.32	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	1000~20000	- 46.16	PASS
Band41(2555-2655)	20MHz	QPSK	41140	100RB#0	20000~27000	- 40.18	PASS
Band41(2555-2655)	20MHz	16QAM	40340	100RB#0	0.009~0.15	- 68.51	PASS

Band41(2555 -2655)	20MHz	16QAM	40340	100RB#0	0.15~30	- 64.09	PASS
Band41(2555 -2655)	20MHz	16QAM	40340	100RB#0	30~1000	- 66.53	PASS
Band41(2555 -2655)	20MHz	16QAM	40340	100RB#0	1000~20000	- 45.78	PASS
Band41(2555 -2655)	20MHz	16QAM	40340	100RB#0	20000~2700 0	- 40.21	PASS
Band41(2555 -2655)	20MHz	16QAM	40690	100RB#0	0.009~0.15	- 71.27	PASS
Band41(2555 -2655)	20MHz	16QAM	40690	100RB#0	0.15~30	- 61.42	PASS
Band41(2555 -2655)	20MHz	16QAM	40690	100RB#0	30~1000	- 66.56	PASS
Band41(2555 -2655)	20MHz	16QAM	40690	100RB#0	1000~20000	- 46.28	PASS
Band41(2555 -2655)	20MHz	16QAM	40690	100RB#0	20000~2700 0	- 40.12	PASS
Band41(2555 -2655)	20MHz	16QAM	41140	100RB#0	0.009~0.15	- 67.87	PASS
Band41(2555 -2655)	20MHz	16QAM	41140	100RB#0	0.15~30	- 63.96	PASS
Band41(2555 -2655)	20MHz	16QAM	41140	100RB#0	30~1000	- 66.74	PASS
Band41(2555 -2655)	20MHz	16QAM	41140	100RB#0	1000~20000	- 46.15	PASS
Band41(2555 -2655)	20MHz	16QAM	41140	100RB#0	20000~2700 0	- 40.20	PASS