

FCC LTE Band Test Data

FCC ID : 2A7YZ-CUL8JN

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

EUT : Pad

Model Number : CUL8JN

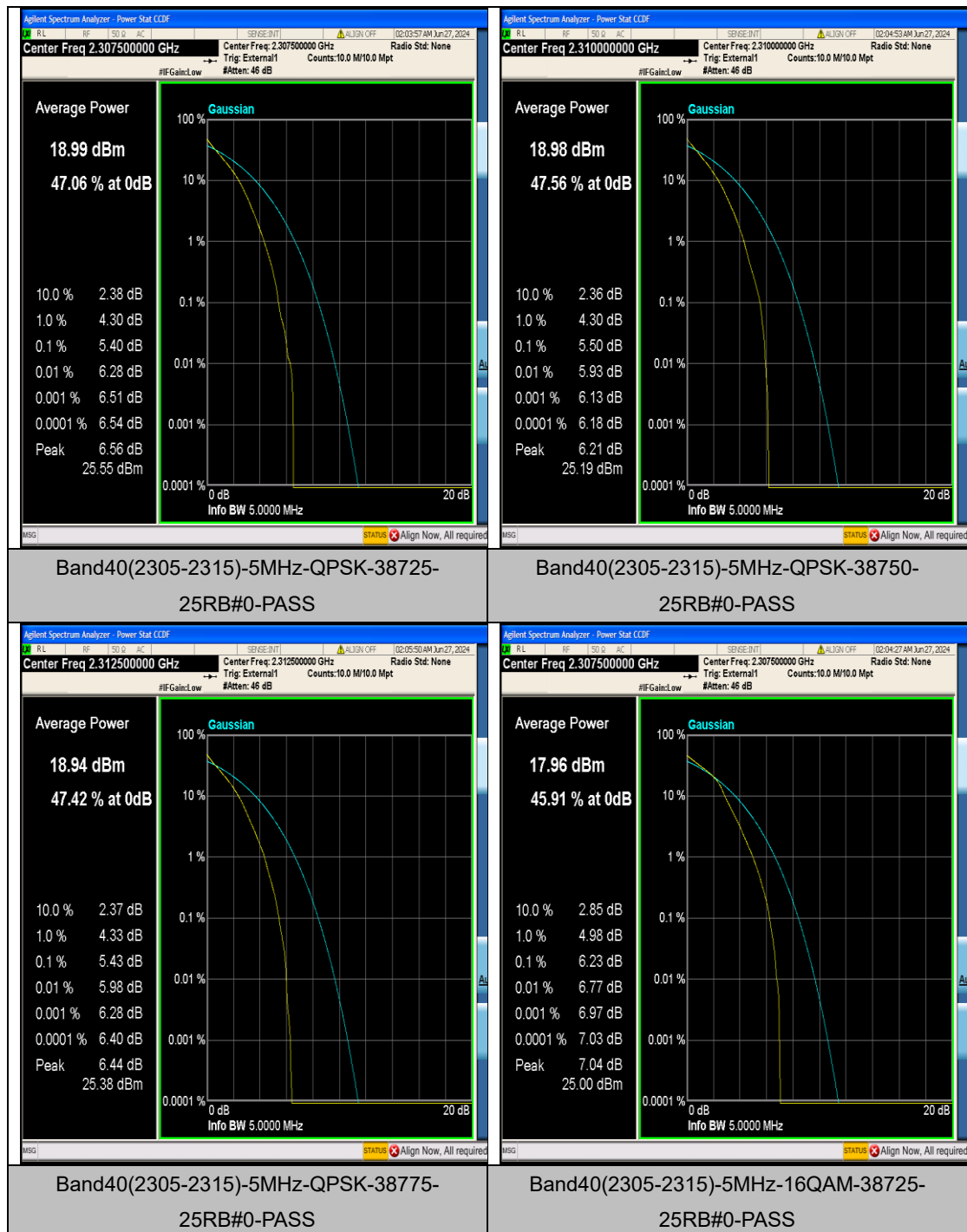
Reviewed By : Eric Wang

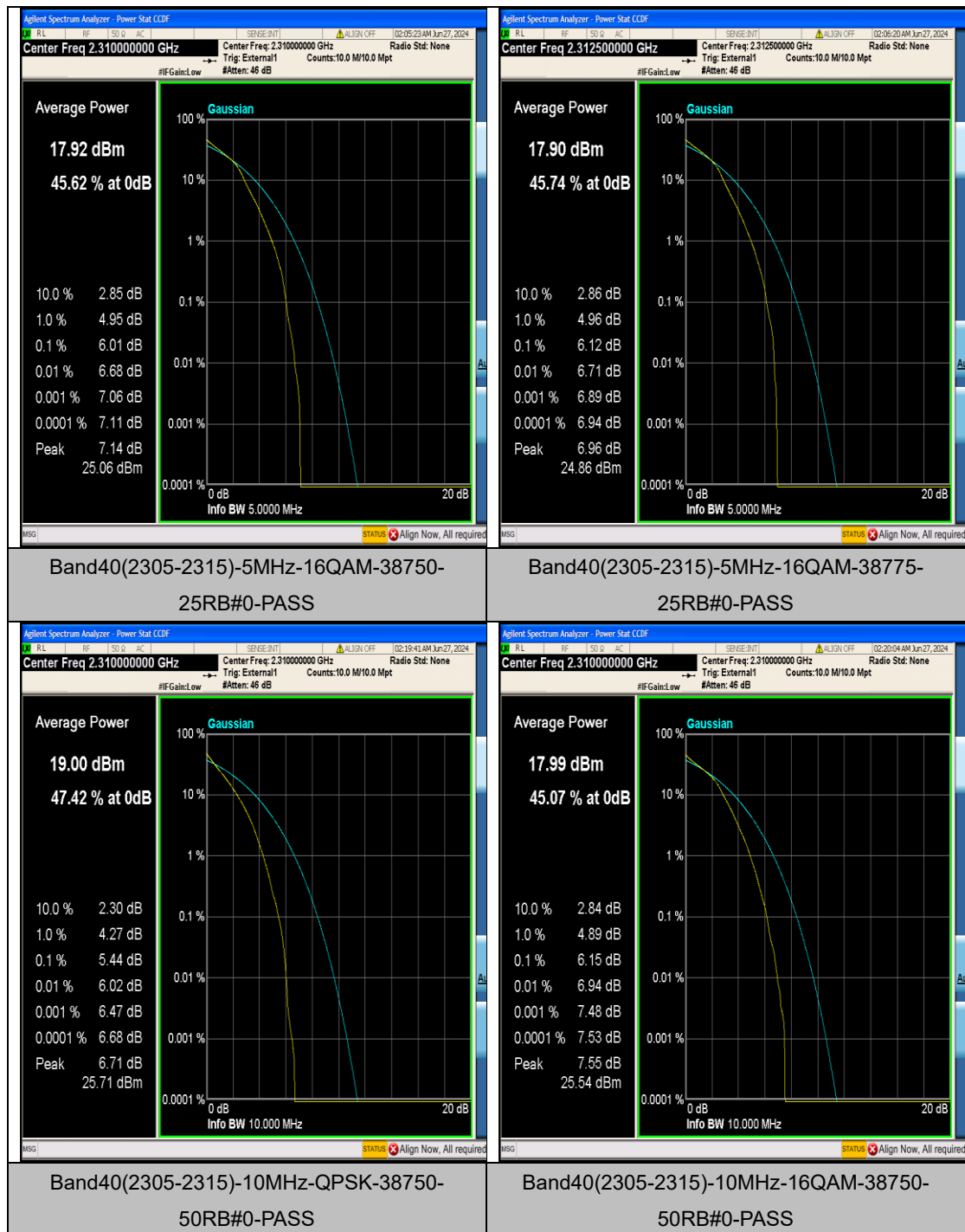
Appendix B: Peak-to-Average Ratio(CCDF)

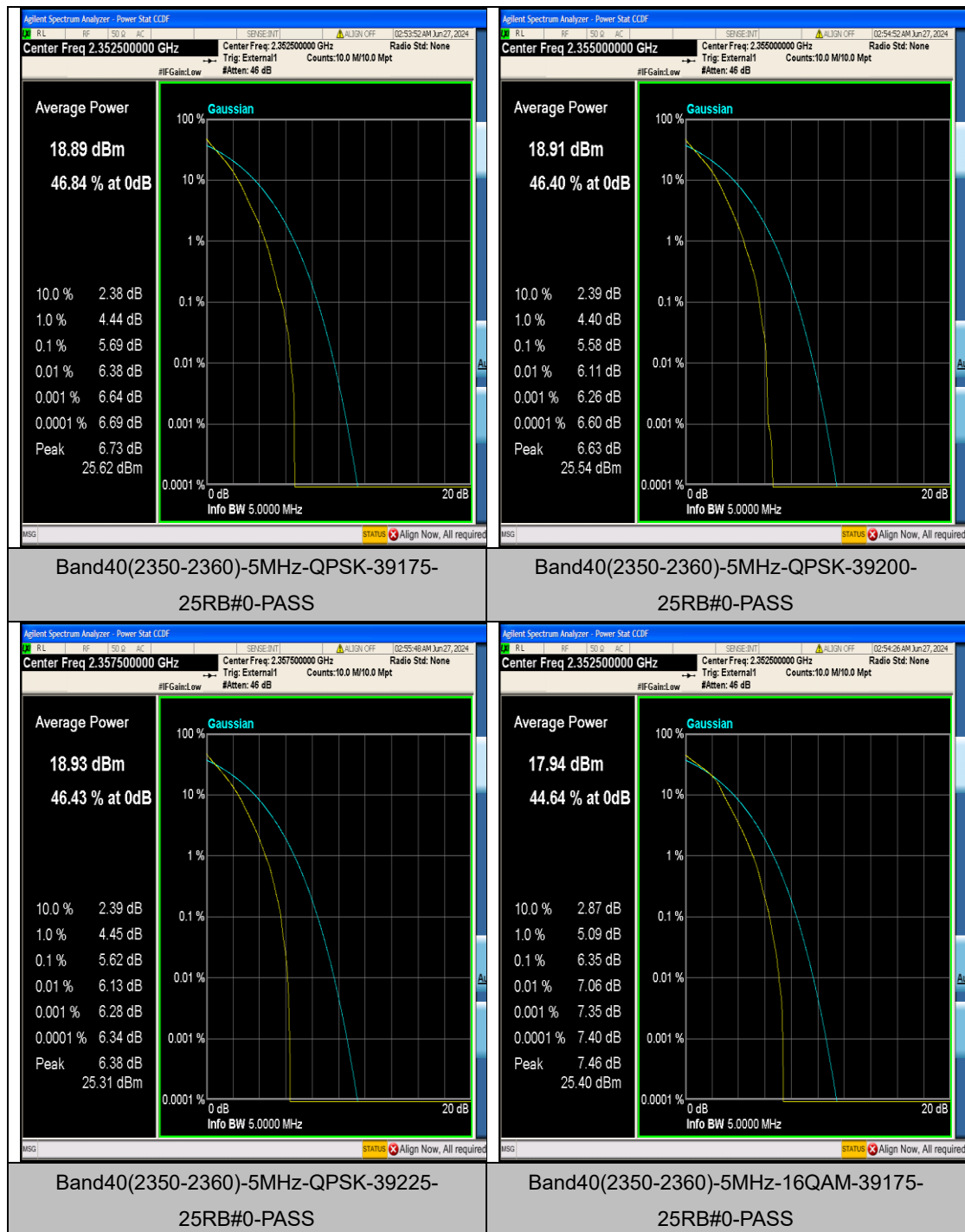
Test Result

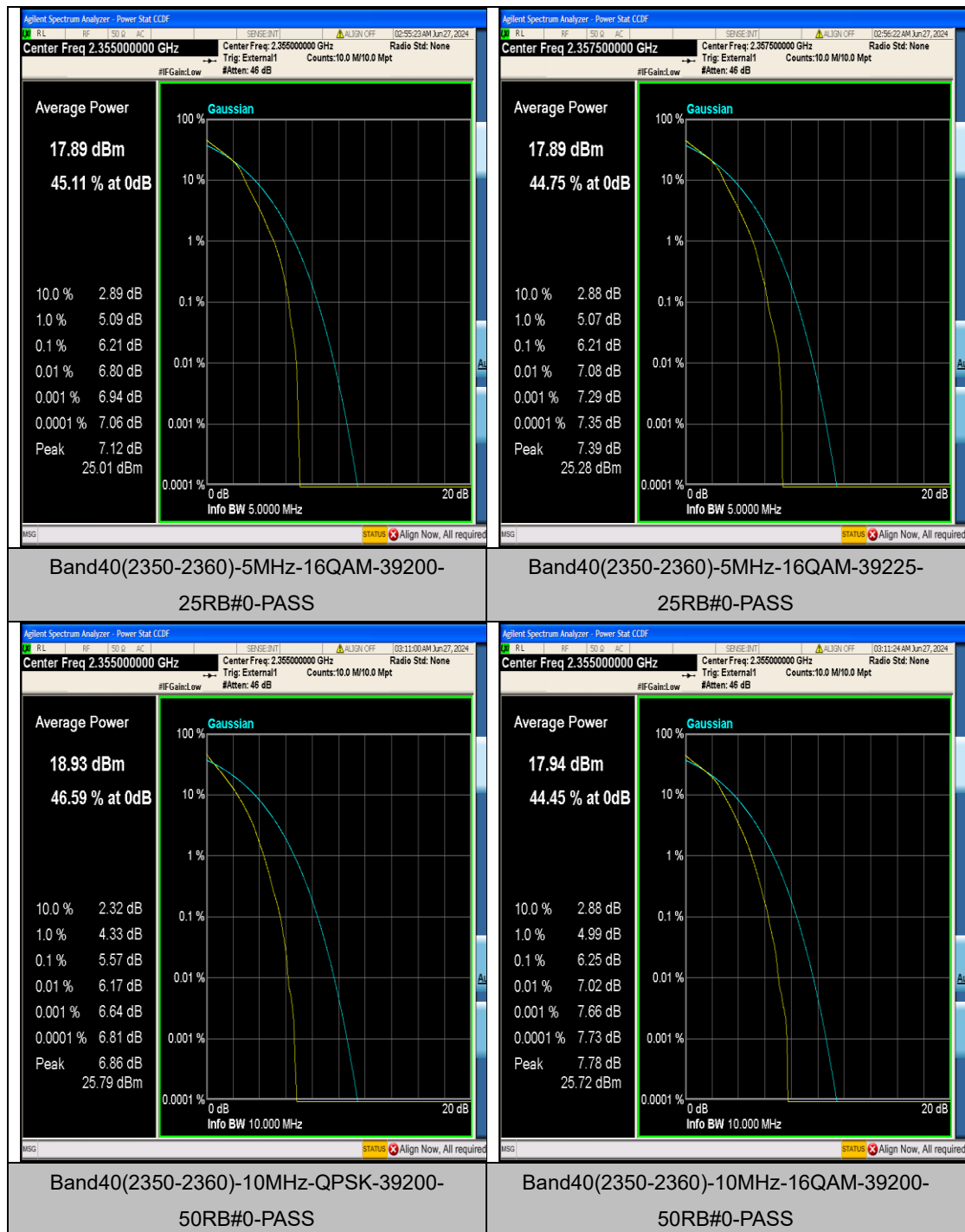
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	5.40	13	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	5.50	13	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	5.43	13	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	6.23	13	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	6.01	13	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	6.12	13	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	5.44	13	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	6.15	13	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	5.69	13	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	5.58	13	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	5.62	13	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	6.35	13	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	6.21	13	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	6.21	13	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	5.57	13	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	6.25	13	PASS

Test Graphs







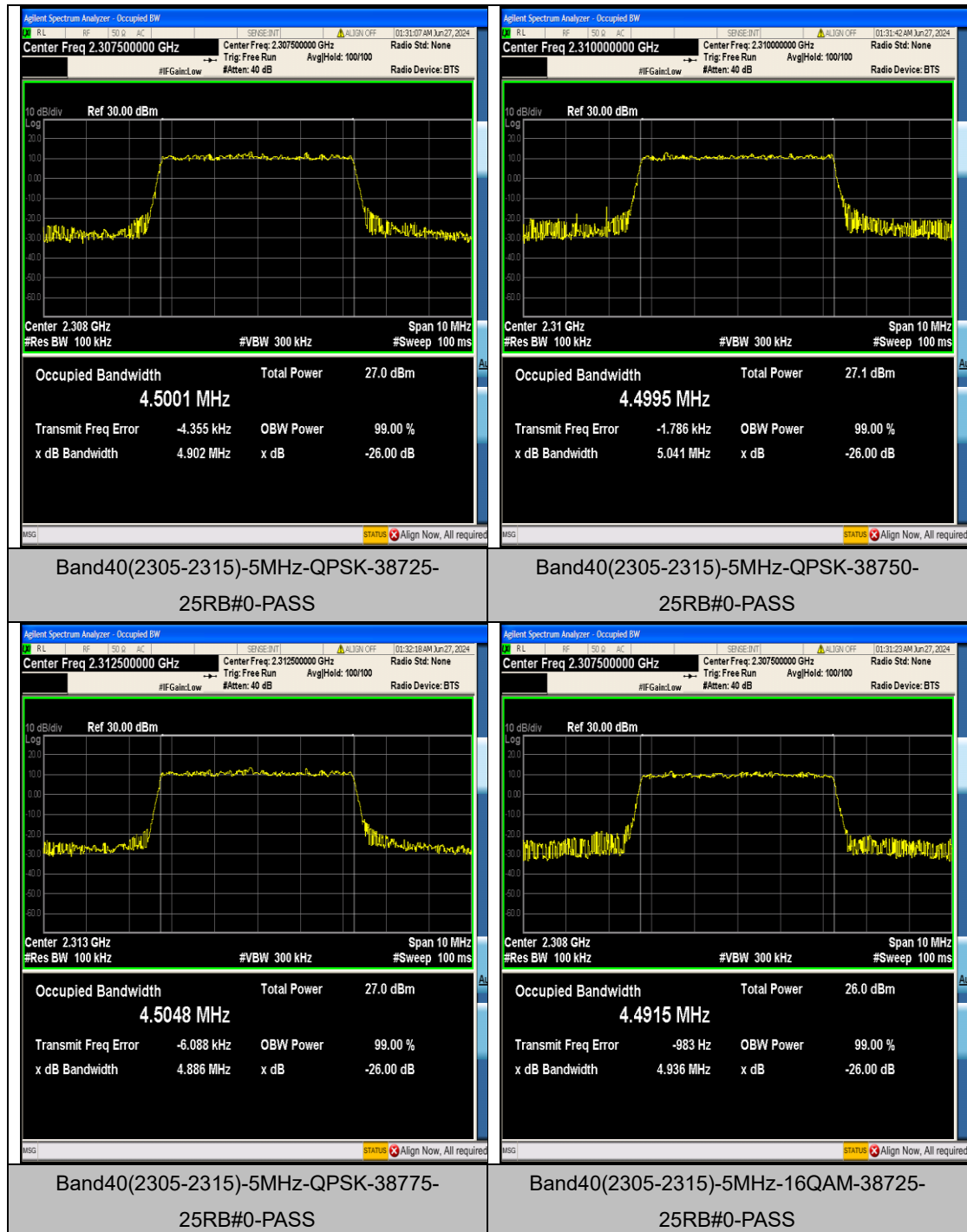


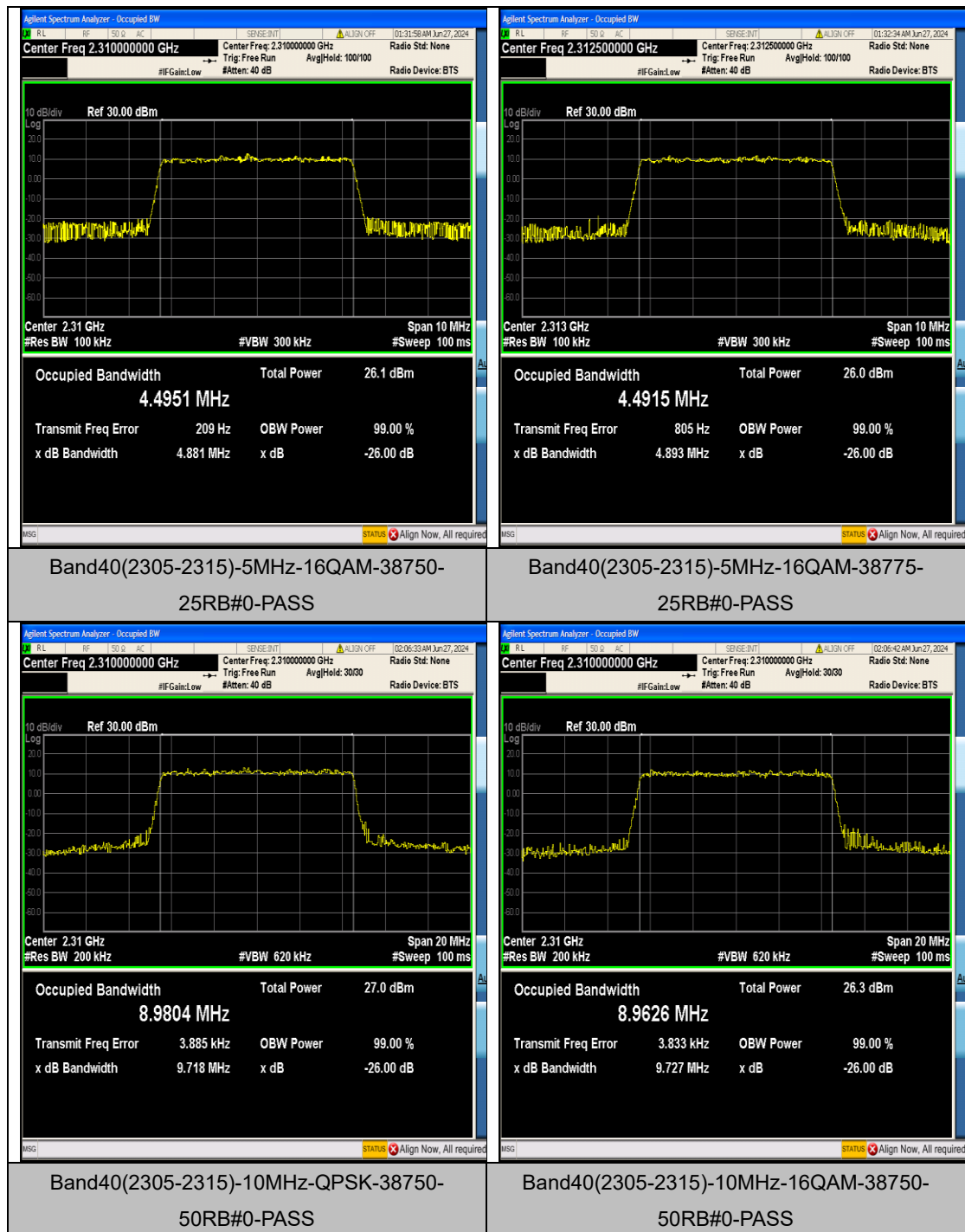
Appendix C: 26dB Bandwidth and Occupied Bandwidth

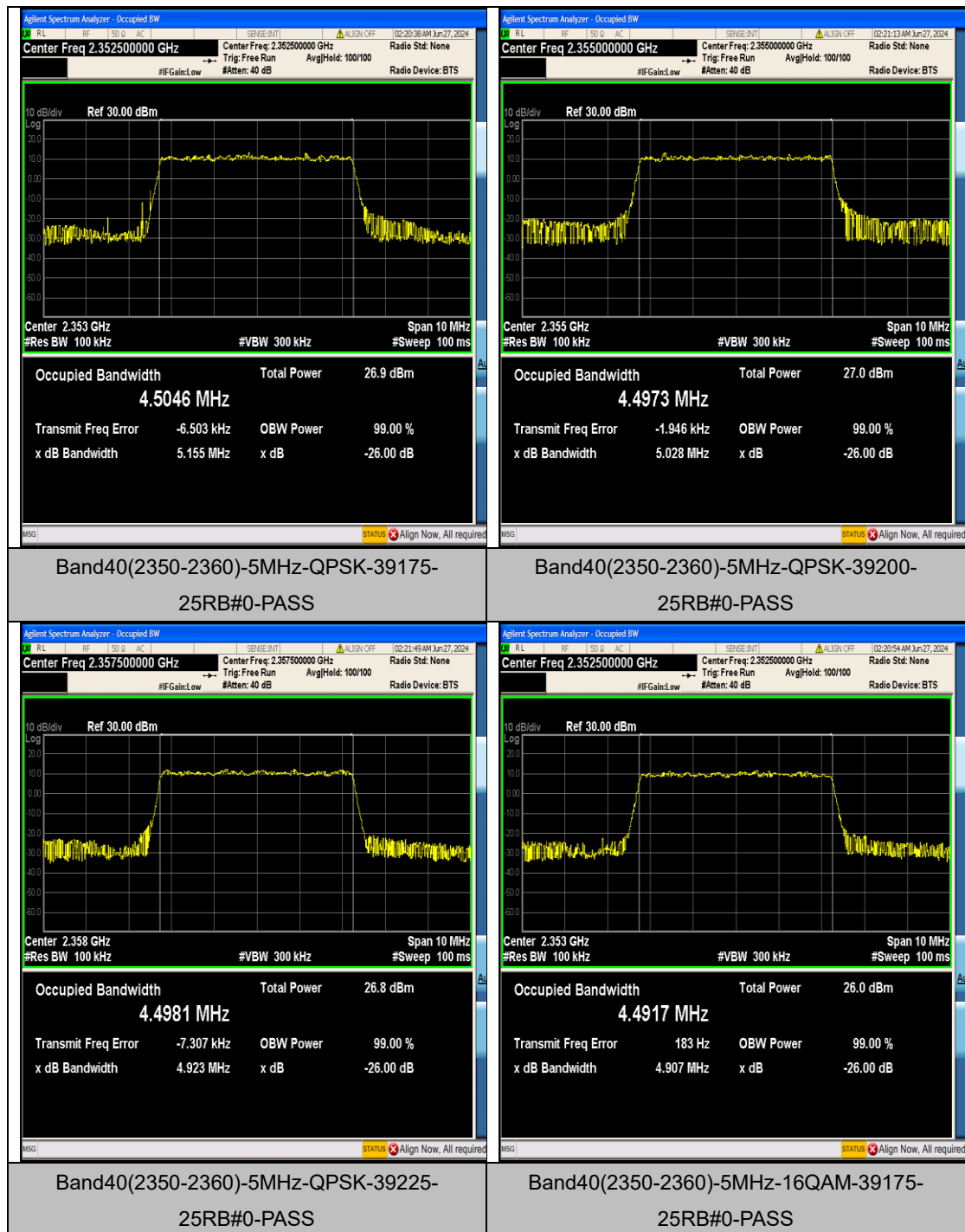
Test Result

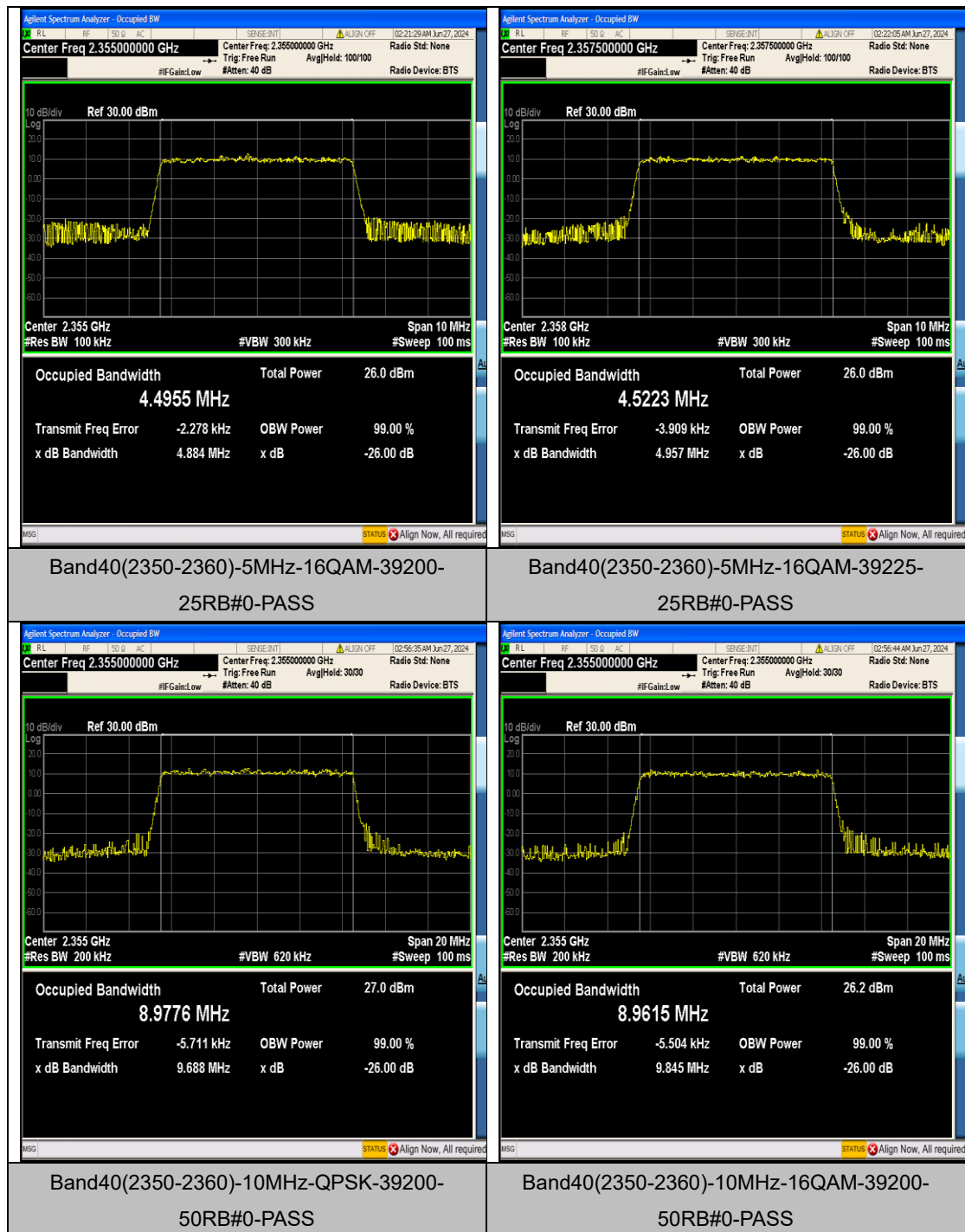
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	4.5001	4.902	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	4.4995	5.041	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	4.5048	4.886	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	4.4915	4.936	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	4.4951	4.881	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	4.4915	4.893	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	8.9804	9.718	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	8.9626	9.727	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	4.5046	5.155	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	4.4973	5.028	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	4.4981	4.923	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	4.4917	4.907	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	4.4955	4.884	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	4.5223	4.957	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	8.9776	9.688	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	8.9615	9.845	PASS

Test Graphs







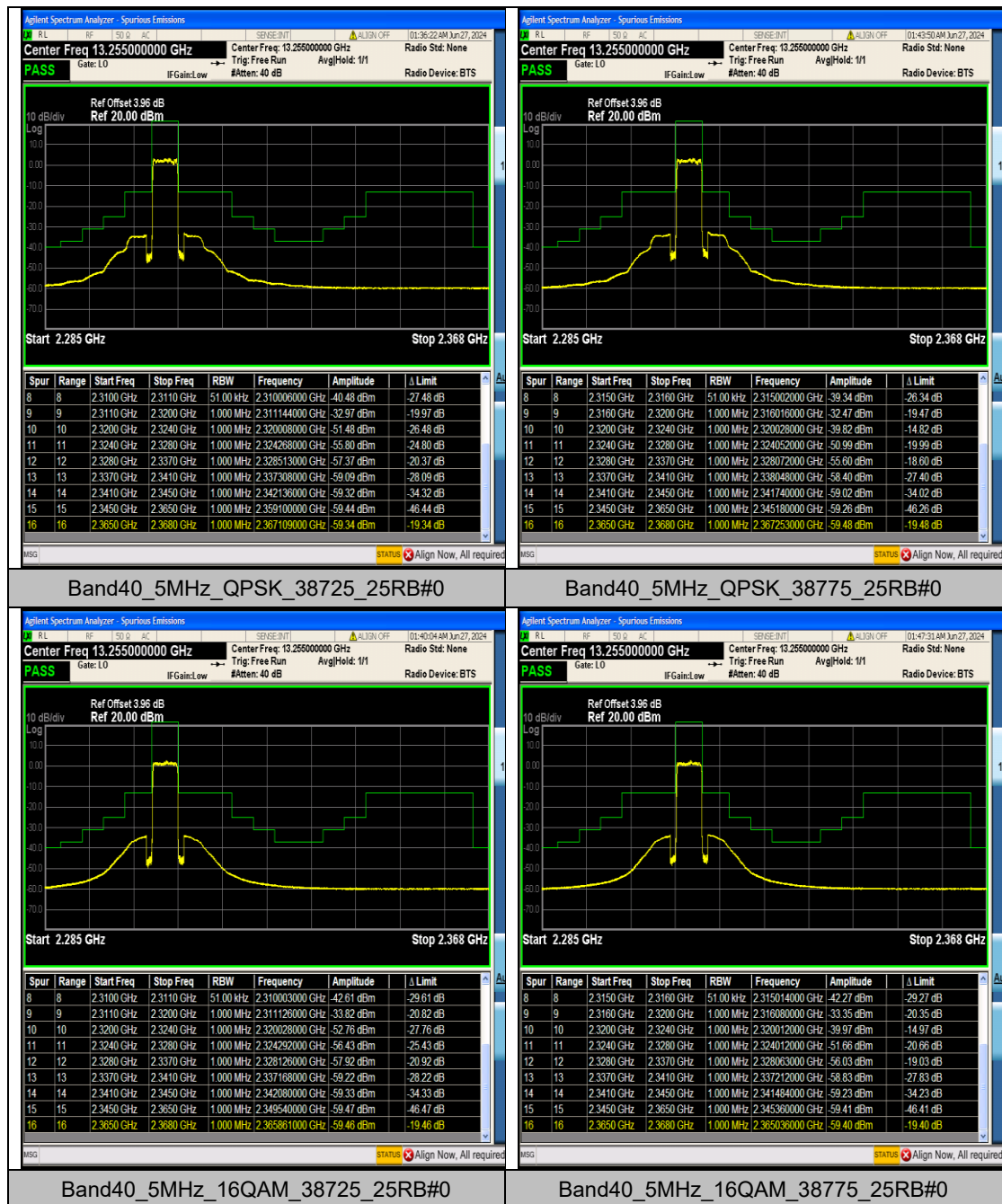


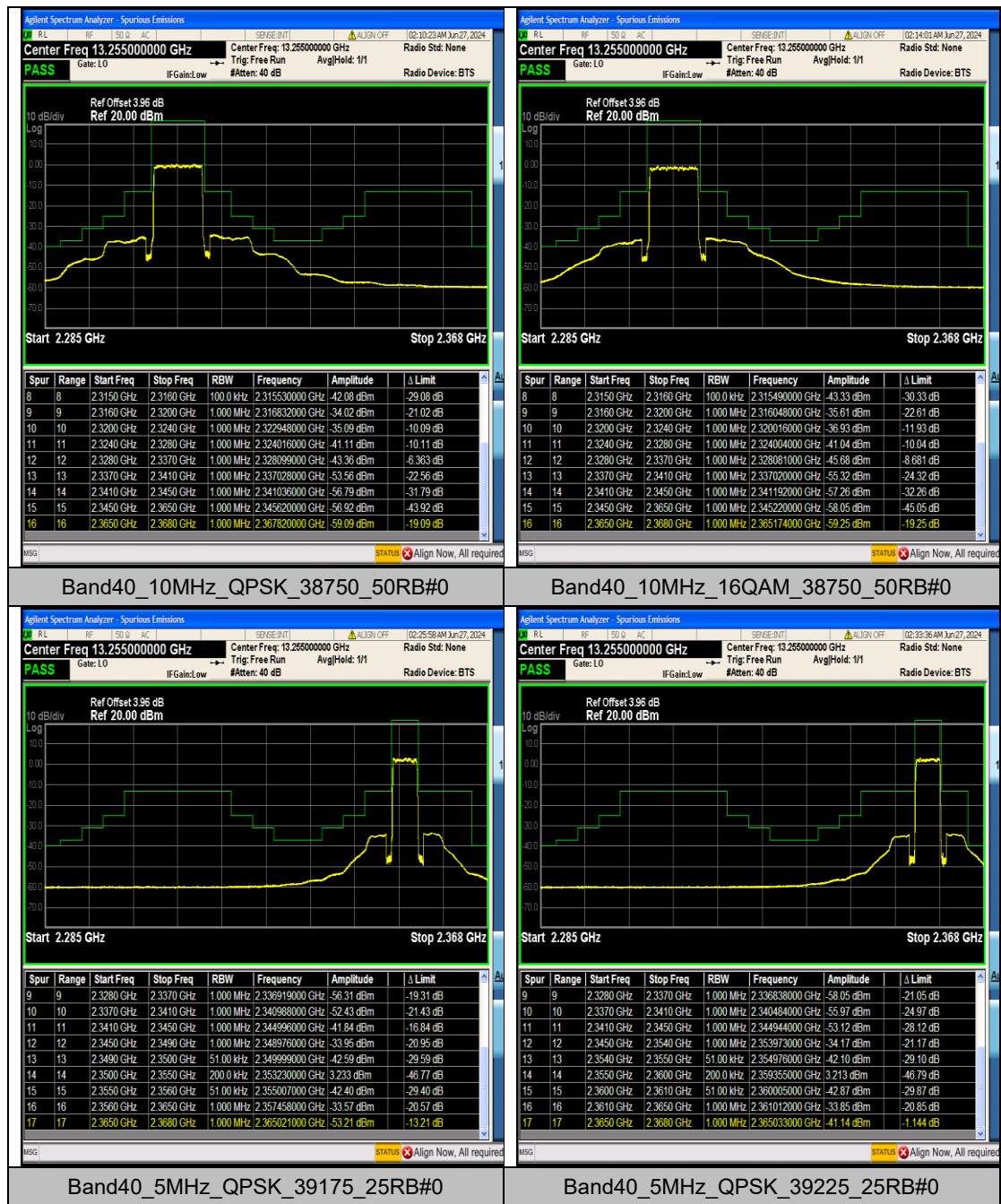
Appendix D: Band Edge

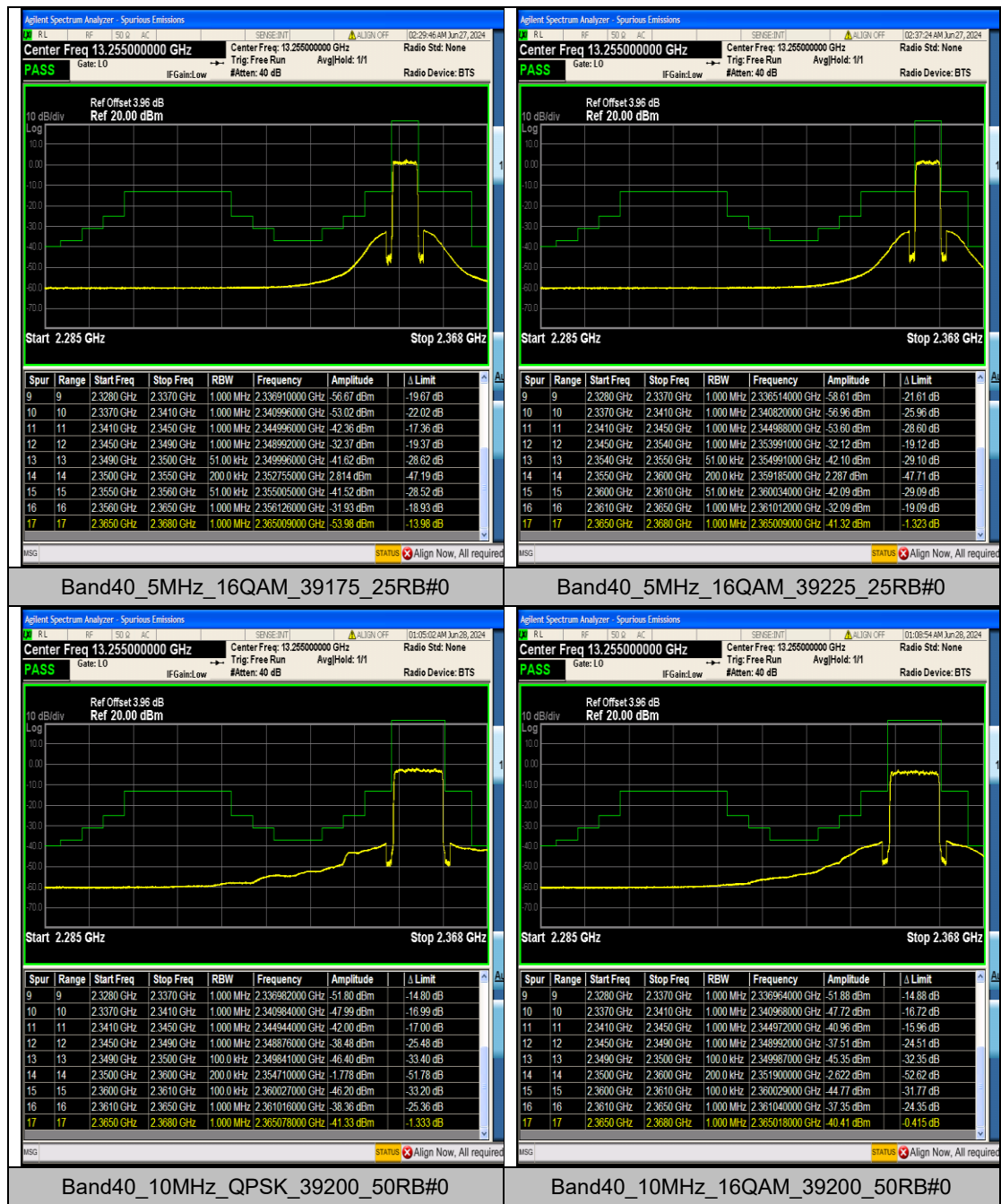
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	-41.00	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	-39.82	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	-41.00	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	-39.97	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	-43.36	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	-45.68	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	-53.21	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	-41.14	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	-53.98	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	-41.32	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	-41.33	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	-40.41	PASS

Test Graphs







Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	0.009~0.15	-78.19	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	0.15~30	-67.20	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	30~1000	-67.13	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	1000~3000	-48.68	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	3000~26500	-61.04	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	0.009~0.15	-78.99	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	0.15~30	-64.82	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	30~1000	-67.02	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	1000~3000	-48.53	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	3000~26500	-60.86	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	0.009~0.15	-76.94	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	0.15~30	-66.17	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	30~1000	-67.14	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	1000~3000	-48.23	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	3000~26500	-60.93	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	0.009~0.15	-75.24	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	0.15~30	-65.17	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	30~1000	-67.10	PASS

Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	1000~3000	- 50.70	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	3000~2650 0	- 60.86	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	0.009~0.15	- 77.85	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	0.15~30	- 67.53	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	30~1000	- 67.17	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	1000~3000	- 49.81	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	3000~2650 0	- 61.01	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	0.009~0.15	- 78.88	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	0.15~30	- 66.14	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	30~1000	- 67.08	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	1000~3000	- 49.66	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	3000~2650 0	- 60.93	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	0.009~0.15	- 78.16	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	0.15~30	- 64.16	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	30~1000	- 67.26	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	1000~3000	-50.11	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	3000~2650 0	- 60.93	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	0.009~0.15	- 76.88	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	0.15~30	- 66.27	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	30~1000	-67.11	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	1000~3000	- 51.49	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	3000~2650 0	- 61.06	PASS

Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.009~0.15	- 76.01	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.15~30	- 65.32	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	30~1000	- 67.16	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	1000~3000	- 49.41	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	3000~2650 0	- 60.81	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.009~0.15	- 77.27	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.15~30	- 67.39	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	30~1000	-67.11	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	1000~3000	- 49.78	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	3000~2650 0	- 61.16	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.009~0.15	- 77.07	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.15~30	- 66.90	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	30~1000	- 66.83	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	1000~3000	- 50.27	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	3000~2650 0	- 60.92	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.009~0.15	- 76.95	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.15~30	- 66.28	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	30~1000	- 66.93	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	1000~3000	- 50.53	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	3000~2650 0	- 60.94	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.009~0.15	- 78.71	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.15~30	- 65.36	PASS

Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	30~1000	- 66.96	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	1000~3000	- 51.39	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	3000~2650 0	- 60.94	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.009~0.15	- 76.27	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.15~30	- 65.30	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	30~1000	- 66.93	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	1000~3000	- 51.37	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	3000~2650 0	- 60.91	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.009~0.15	- 70.28	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.15~30	- 68.05	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	30~1000	- 67.06	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	1000~3000	- 52.32	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	3000~2650 0	- 61.09	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.009~0.15	- 72.52	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.15~30	- 67.18	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	30~1000	- 67.08	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	1000~3000	- 53.56	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	3000~2650 0	- 60.99	PASS

Test Graphs

