

FCC LTE Band Test Data

FCC ID : 2BF4O-CC4PRO

Company: : Shenzhen TEYES High tech Co., Ltd.

EUT : Car Headunit

Model Number : CC4PRO

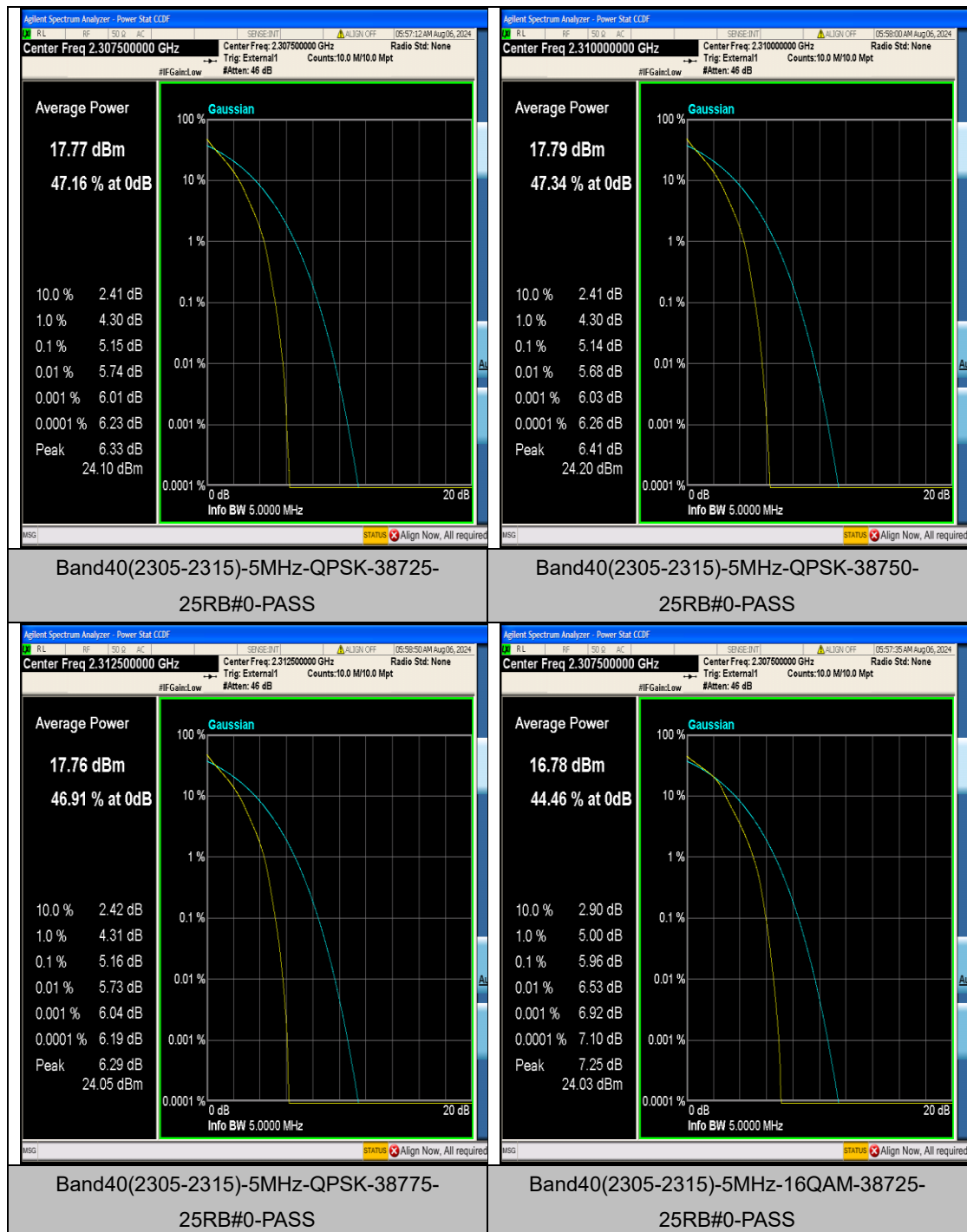
Reviewed By : Eric Wang

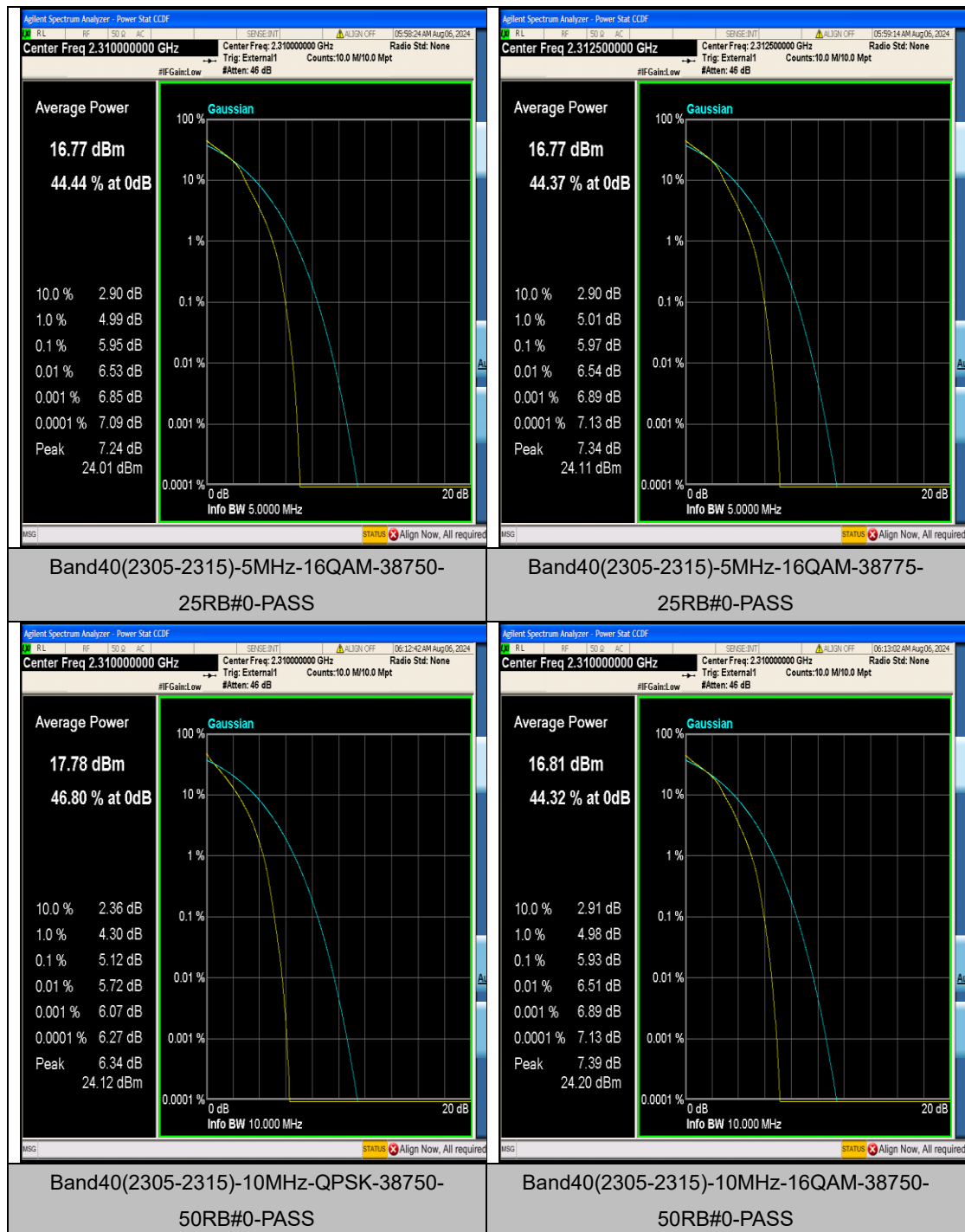
Appendix B: Peak-to-Average Ratio(CCDF)

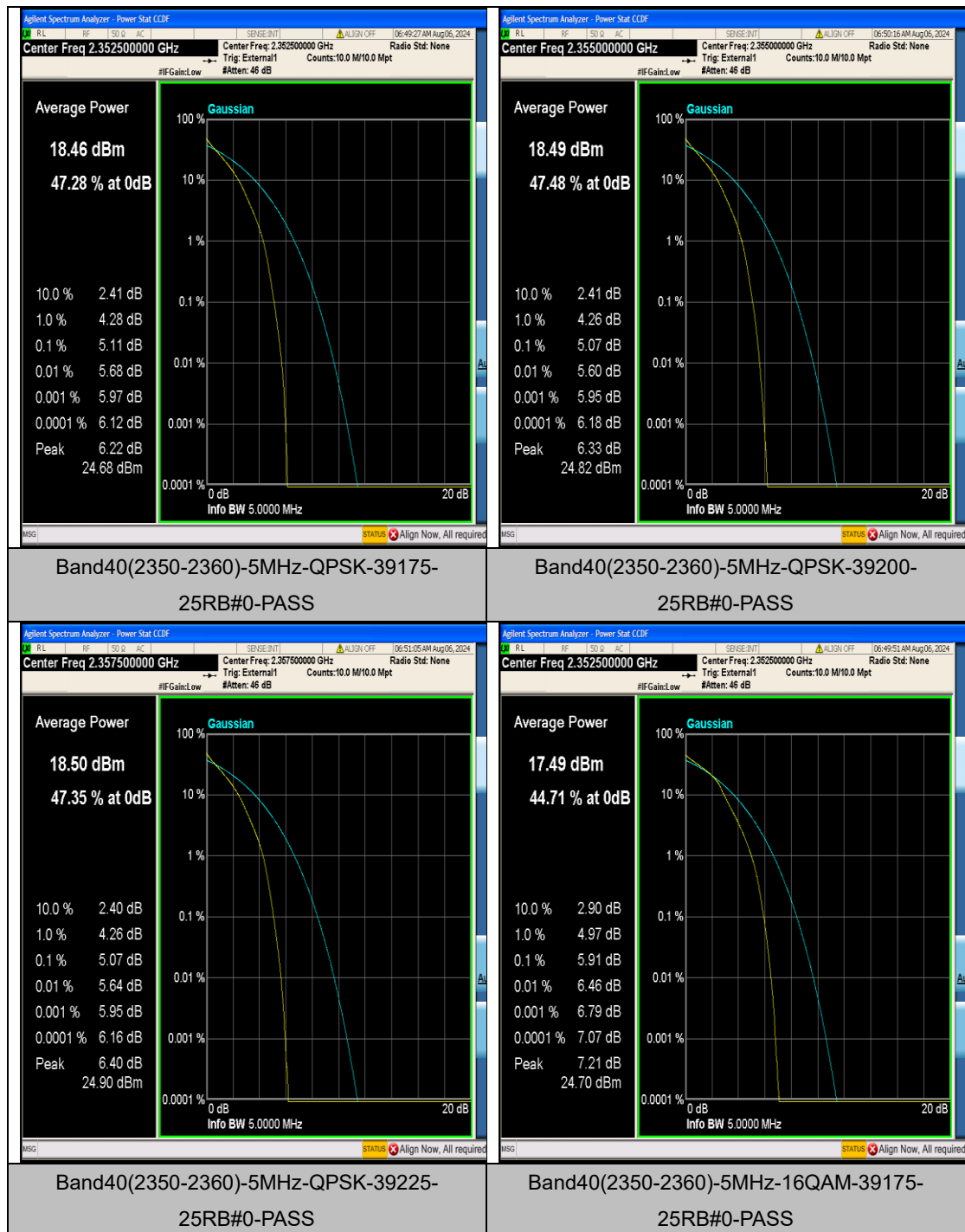
Test Result

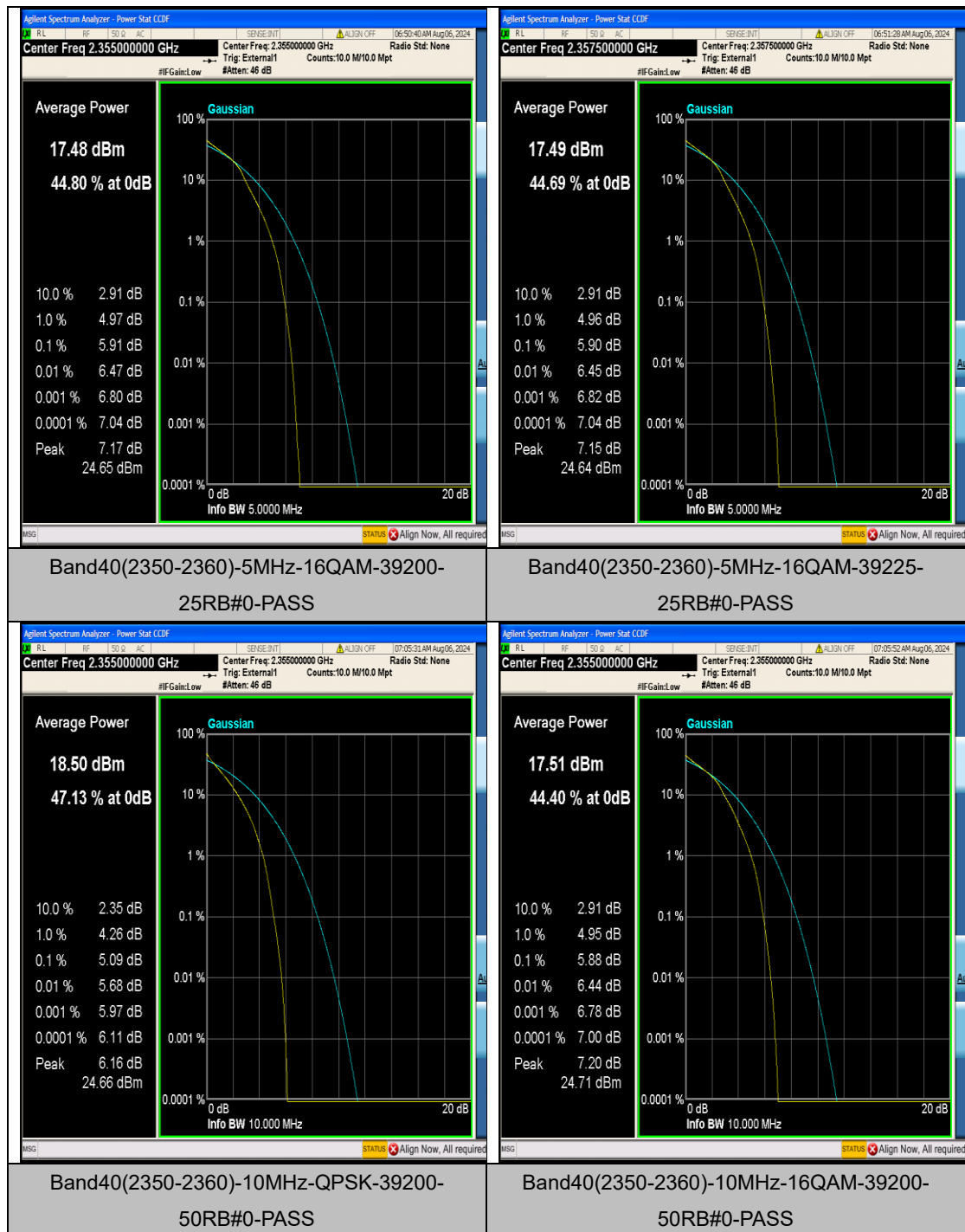
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	5.15	13	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	5.14	13	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	5.16	13	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	5.96	13	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	5.95	13	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	5.97	13	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	5.12	13	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	5.93	13	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	5.11	13	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	5.07	13	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	5.07	13	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	5.91	13	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	5.91	13	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	5.90	13	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	5.09	13	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	5.88	13	PASS

Test Graphs







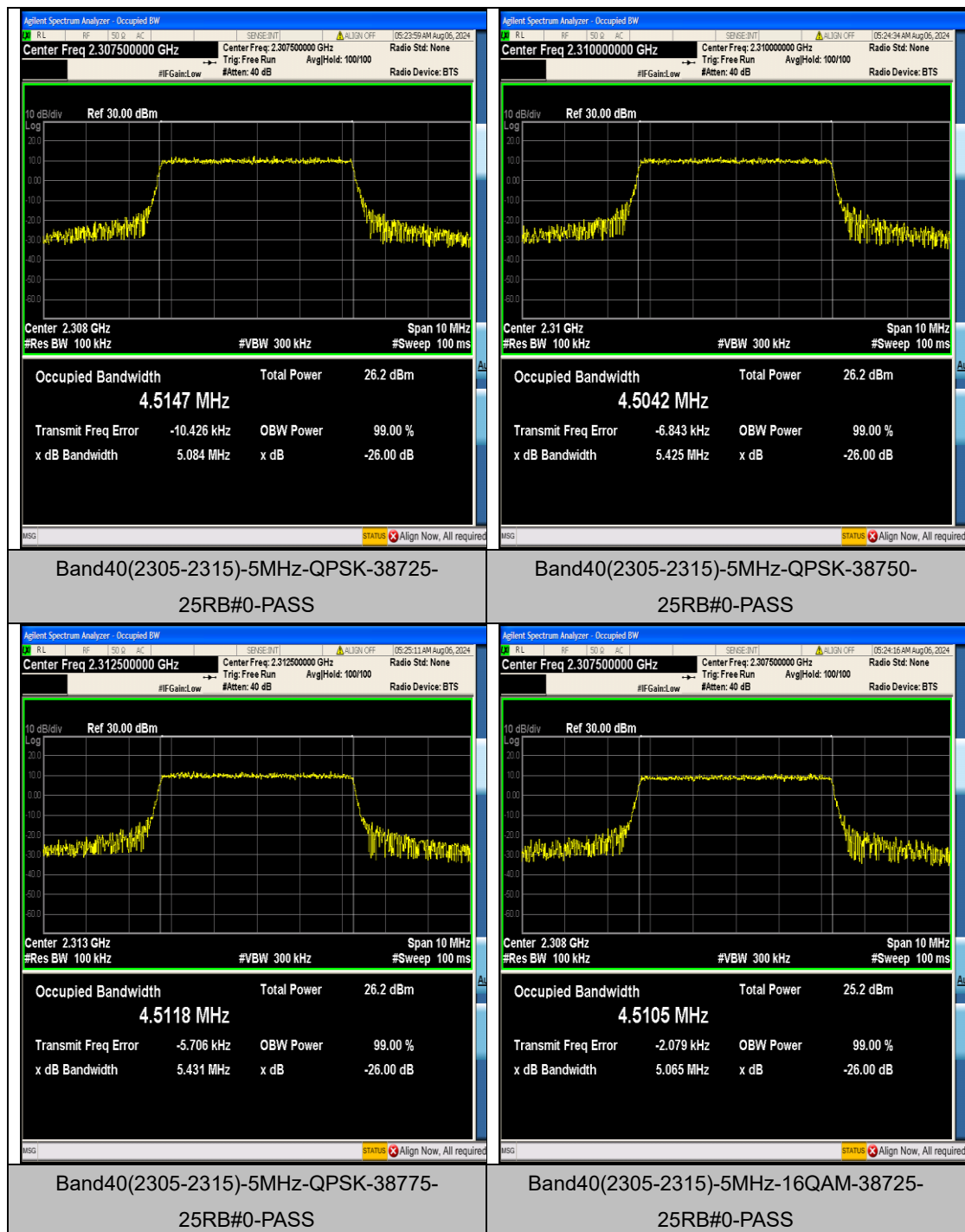


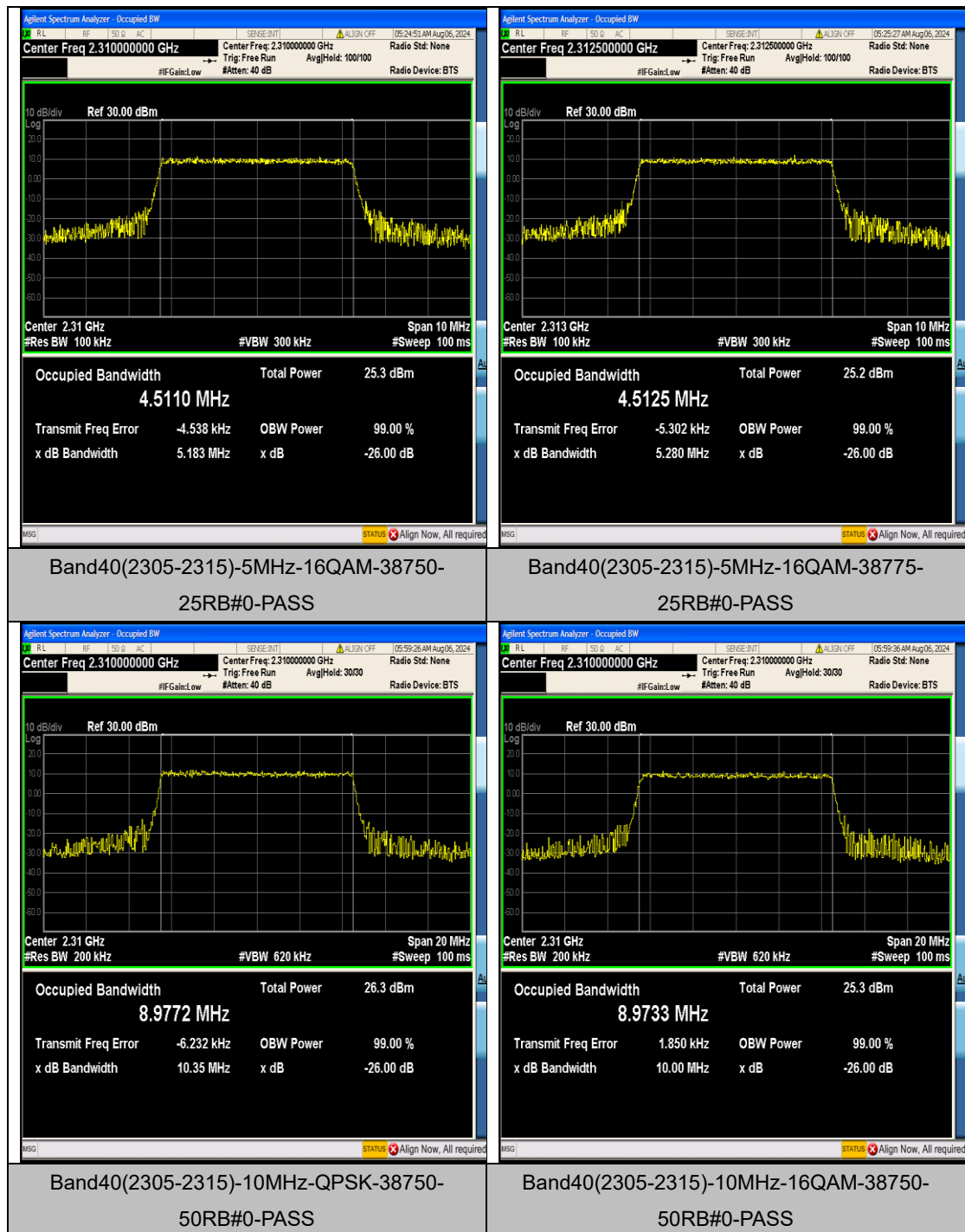
Appendix C: 26dB Bandwidth and Occupied Bandwidth

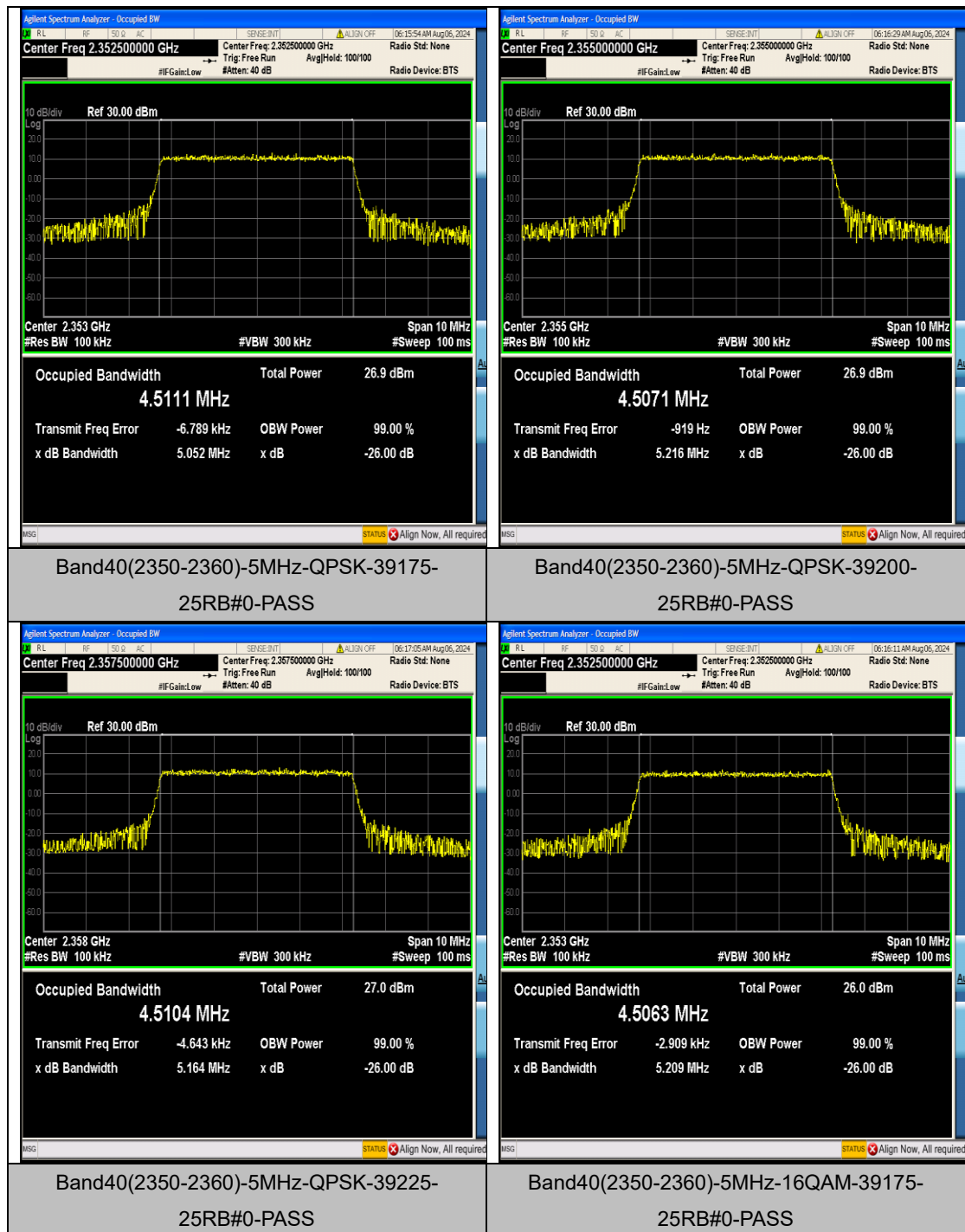
Test Result

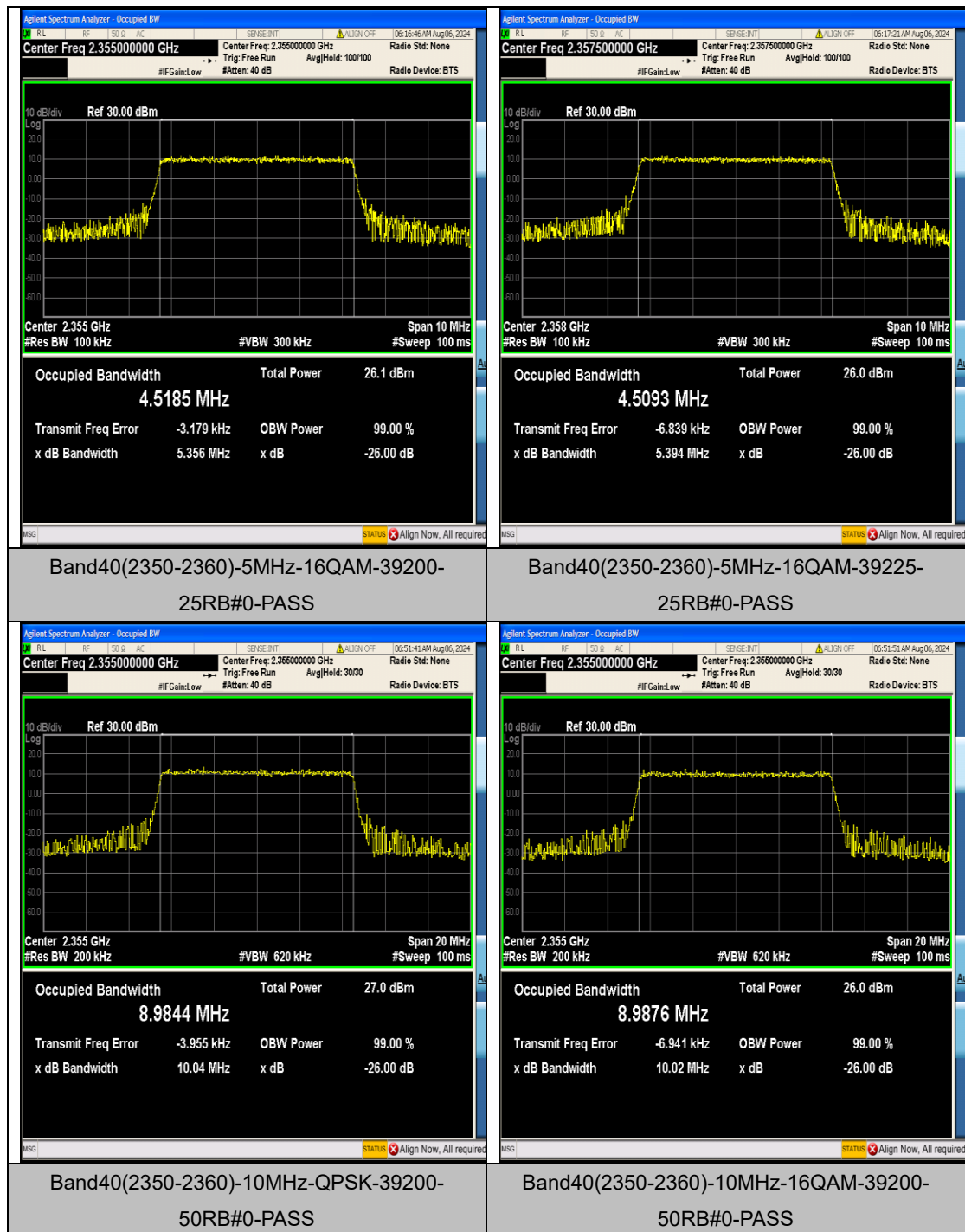
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	4.5147	5.084	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	4.5042	5.425	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	4.5118	5.431	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	4.5105	5.065	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	4.5110	5.183	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	4.5125	5.280	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	8.9772	10.35	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	8.9733	10.00	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	4.5111	5.052	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	4.5071	5.216	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	4.5104	5.164	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	4.5063	5.209	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	4.5185	5.356	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	4.5093	5.394	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	8.9844	10.04	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	8.9876	10.02	PASS

Test Graphs







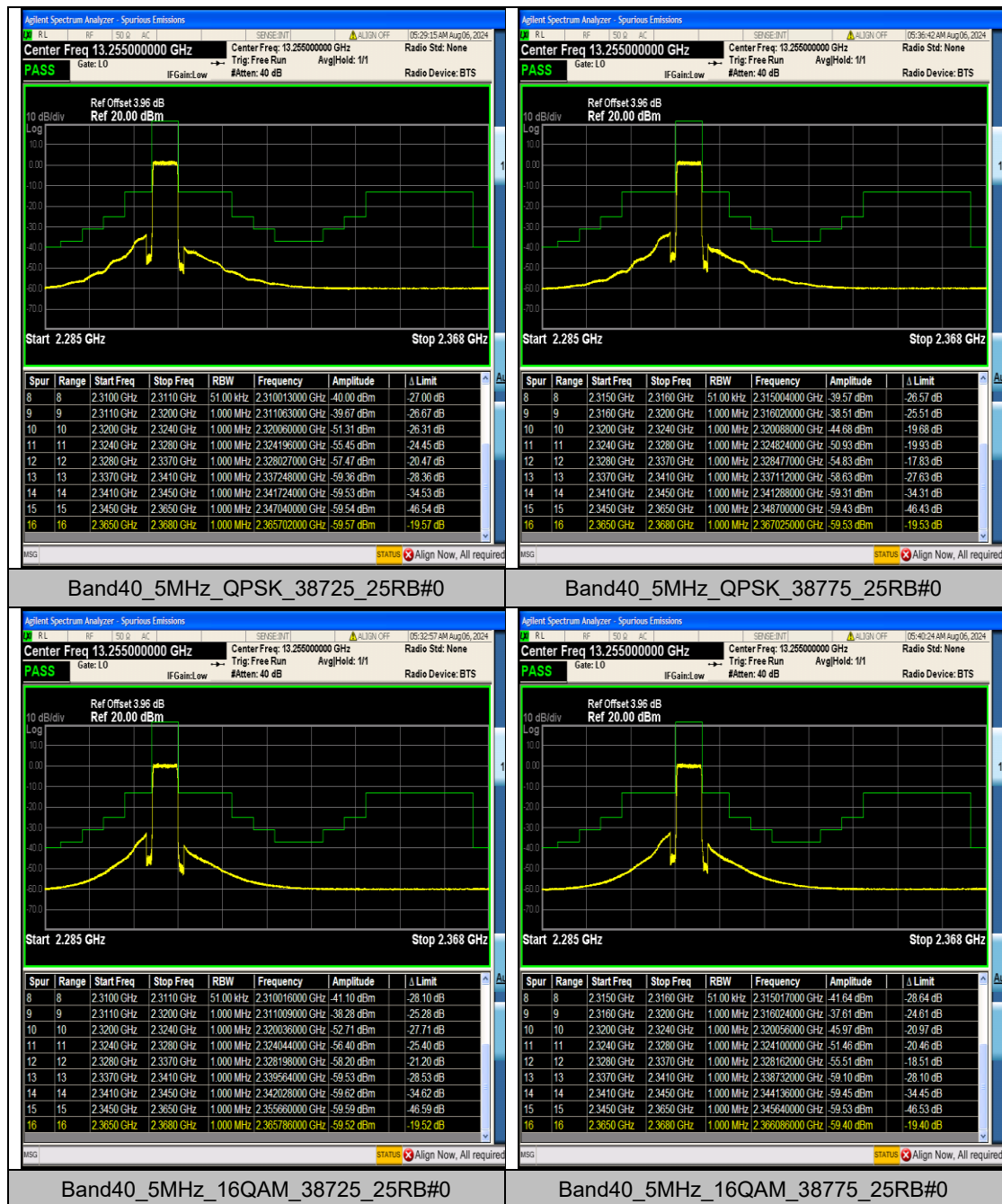


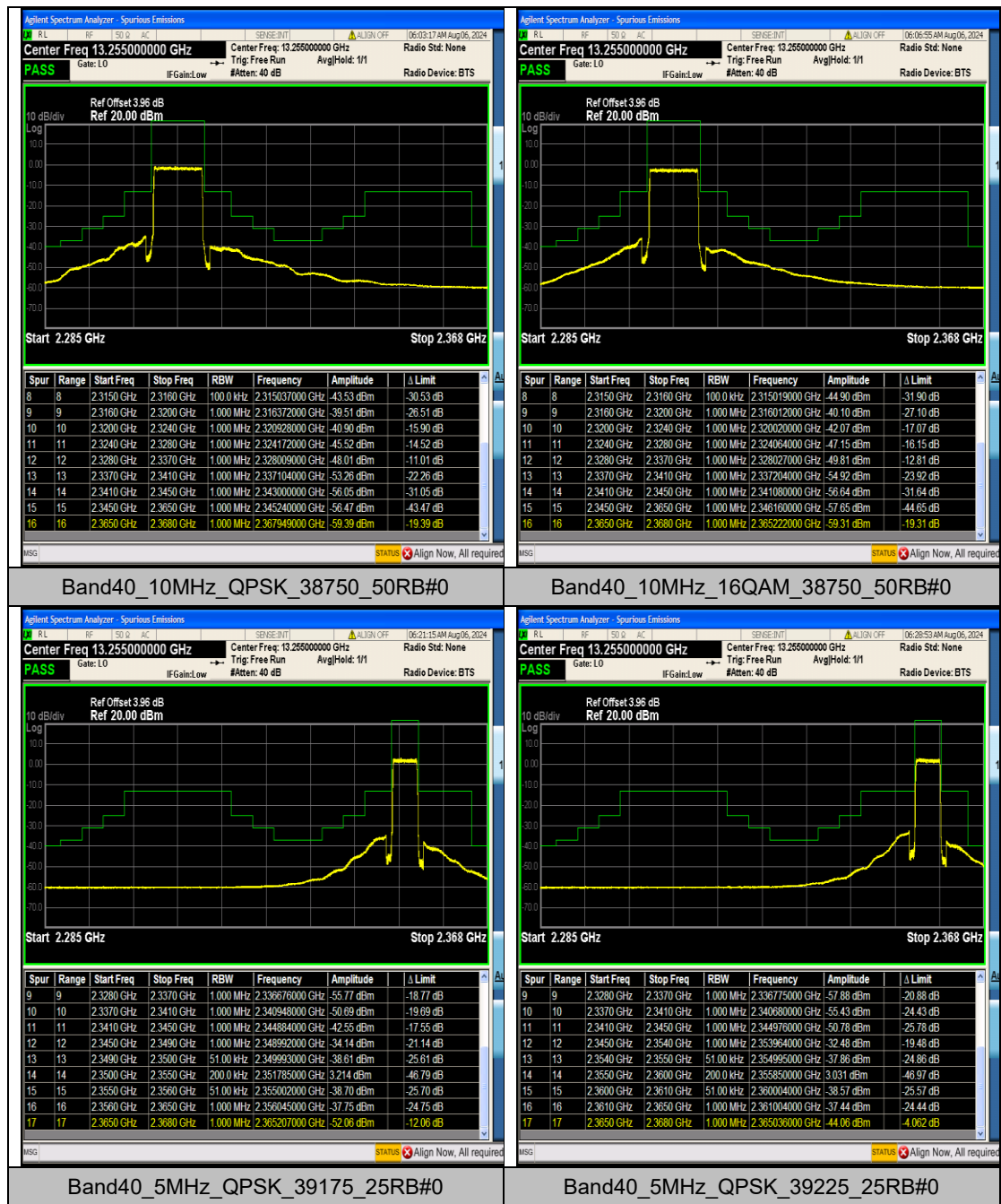
Appendix D: Band Edge

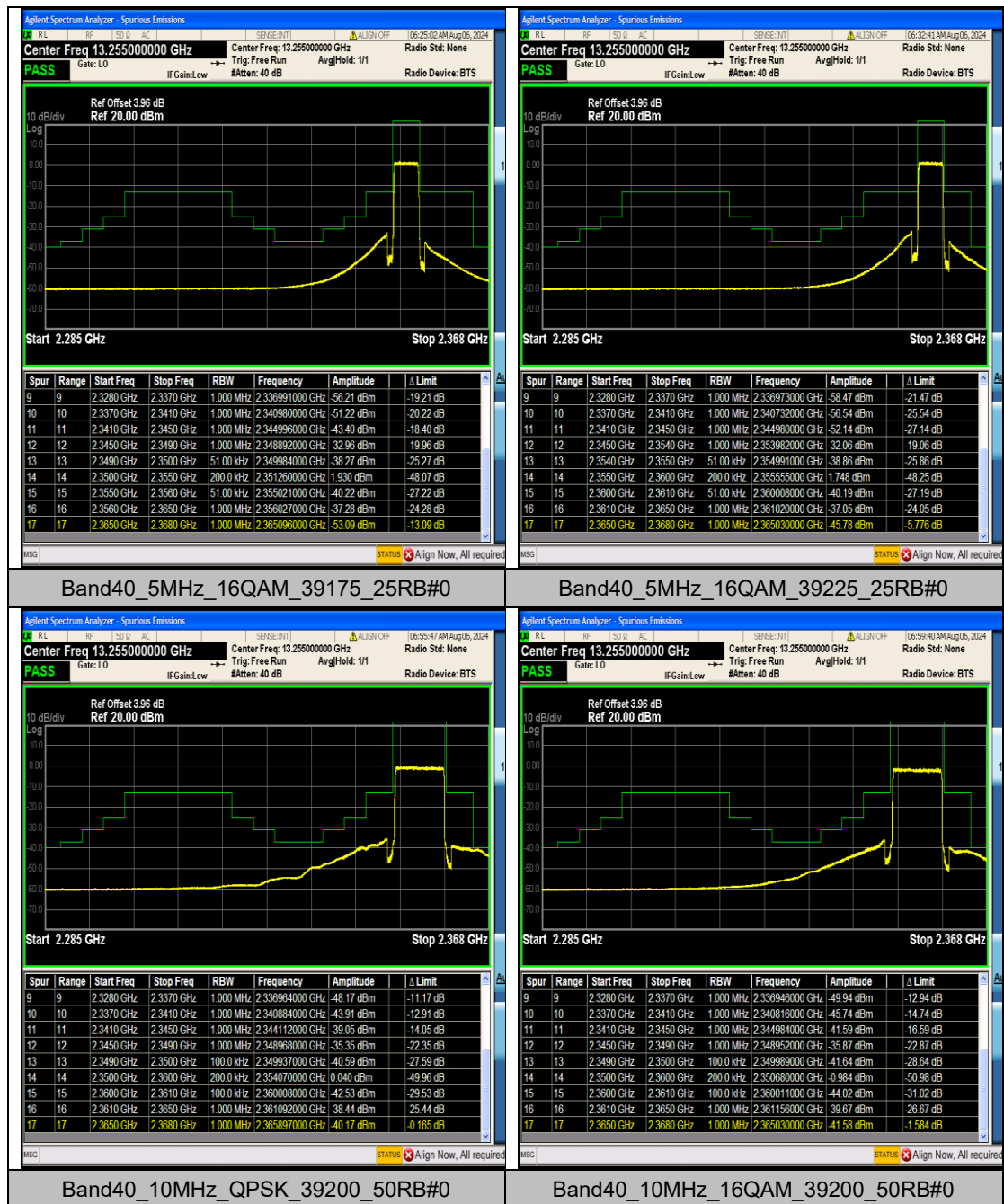
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	-58.48	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	-54.83	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	-58.76	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	-55.51	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	-48.01	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	-49.81	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	-52.06	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	-44.06	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	-53.09	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	-45.78	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	-40.17	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	-41.58	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	-84.63	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	0.15~30	-65.63	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	30~1000	-67.27	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	1000~3000	-47.74	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	3000~26500	-60.82	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	0.009~0.15	-83.51	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	0.15~30	-66.48	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	30~1000	-67.14	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	1000~3000	-46.91	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	3000~26500	-60.88	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	0.009~0.15	-70.80	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	0.15~30	-65.77	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	30~1000	-66.86	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	1000~3000	-47.33	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	3000~26500	-60.85	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	0.009~0.15	-70.79	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	0.15~30	-69.18	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	30~1000	-67.23	PASS

Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	1000~3000	- 49.64	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	3000~2650 0	- 60.97	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	0.009~0.15	-71.11	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	0.15~30	- 64.89	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	30~1000	- 67.02	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	1000~3000	- 48.06	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	3000~2650 0	- 60.85	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	0.009~0.15	- 71.70	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	0.15~30	- 65.37	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	30~1000	- 67.06	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	1000~3000	- 48.64	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	3000~2650 0	- 60.87	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	0.009~0.15	- 70.70	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	0.15~30	- 66.00	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	30~1000	- 67.07	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	1000~3000	- 50.98	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	3000~2650 0	- 60.95	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	0.009~0.15	- 72.47	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	0.15~30	- 68.32	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	30~1000	- 67.31	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	1000~3000	- 52.08	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	3000~2650 0	- 60.96	PASS

Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.009~0.15	- 73.57	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.15~30	- 68.31	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	30~1000	- 67.06	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	1000~3000	- 48.02	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	3000~2650 0	- 60.74	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.009~0.15	- 72.15	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.15~30	- 65.92	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	30~1000	- 67.27	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	1000~3000	- 48.40	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	3000~2650 0	- 60.81	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.009~0.15	- 73.53	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.15~30	- 66.96	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	30~1000	- 67.07	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	1000~3000	- 48.92	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	3000~2650 0	- 60.93	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.009~0.15	- 74.59	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.15~30	- 65.53	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	30~1000	- 67.05	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	1000~3000	- 49.15	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	3000~2650 0	- 60.99	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.009~0.15	- 74.26	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.15~30	- 64.91	PASS

Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	30~1000	- 67.08	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	1000~3000	- 49.99	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	3000~2650 0	- 60.88	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.009~0.15	-73.11	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.15~30	- 63.66	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	30~1000	- 66.88	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	1000~3000	- 50.40	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	3000~2650 0	- 60.89	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.009~0.15	-73.11	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.15~30	- 67.07	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	30~1000	- 67.02	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	1000~3000	- 51.41	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	3000~2650 0	- 60.88	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.009~0.15	- 75.42	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.15~30	- 68.76	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	30~1000	- 66.97	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	1000~3000	- 52.51	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	3000~2650 0	- 60.96	PASS

Test Graphs

