

FCC LTE Band Test Data

FCC ID : 2ATVQ-N40B

Company: : SHENZHEN BLOVEDREAM TECHNOLOGY CO.,LTD

EUT : Handheld terminal

Model Number : N40B

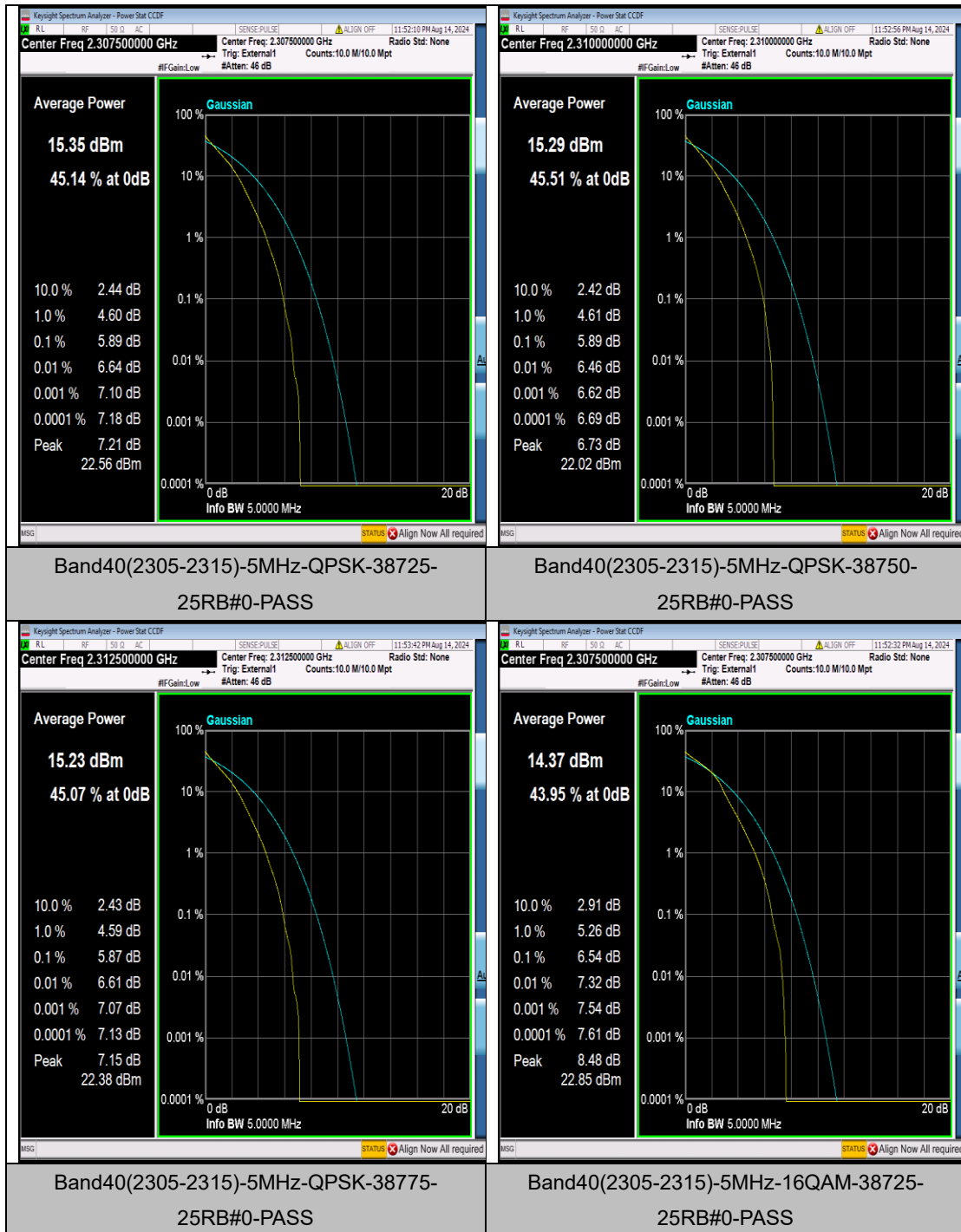
Reviewed By : Eric Wang

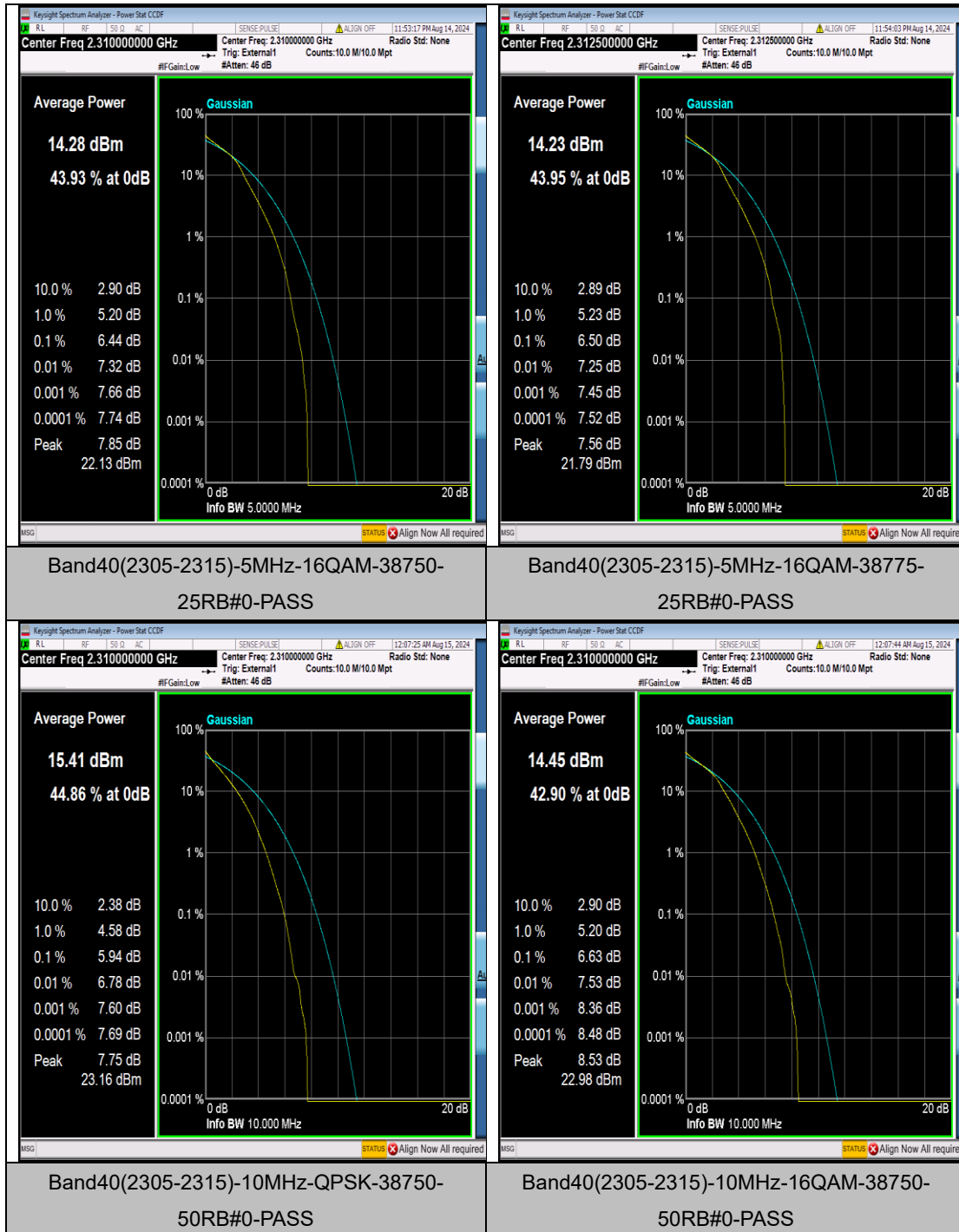
Appendix B: Peak-to-Average Ratio(CCDF)

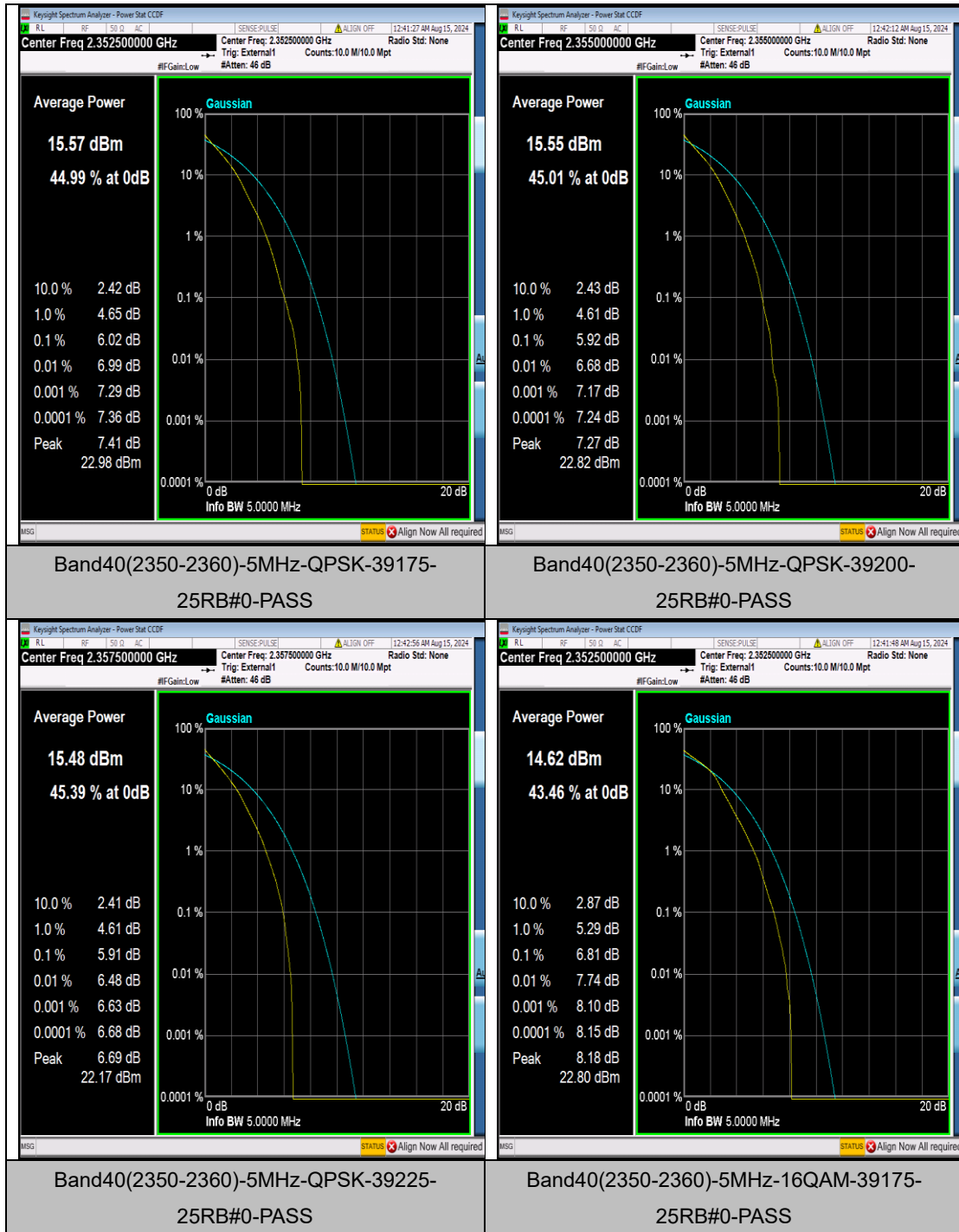
Test Result

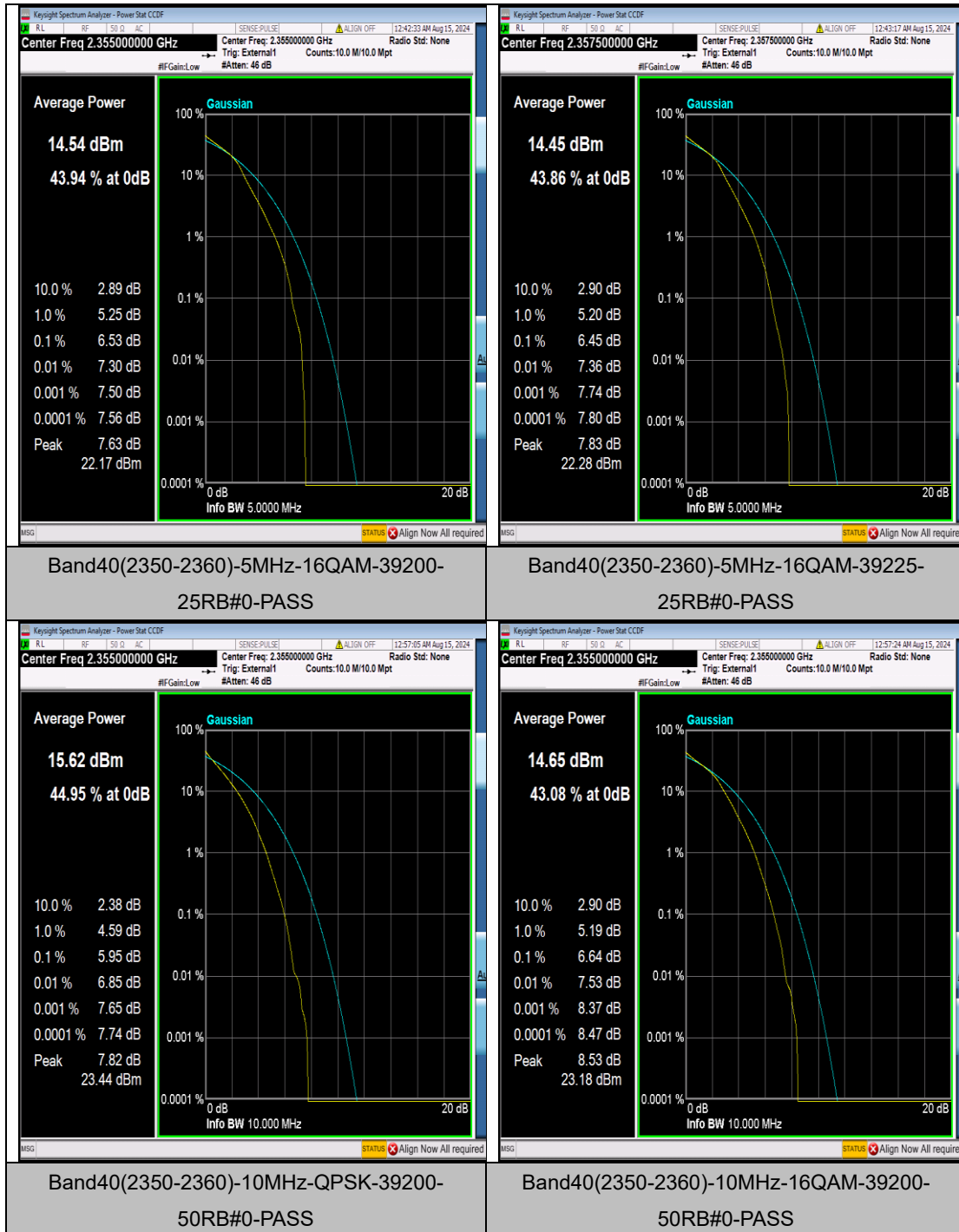
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	5.89	13	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	5.89	13	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	5.87	13	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	6.54	13	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	6.44	13	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	6.50	13	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	5.94	13	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	6.63	13	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	6.02	13	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	5.92	13	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	5.91	13	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	6.81	13	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	6.53	13	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	6.45	13	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	5.95	13	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	6.64	13	PASS

Test Graphs







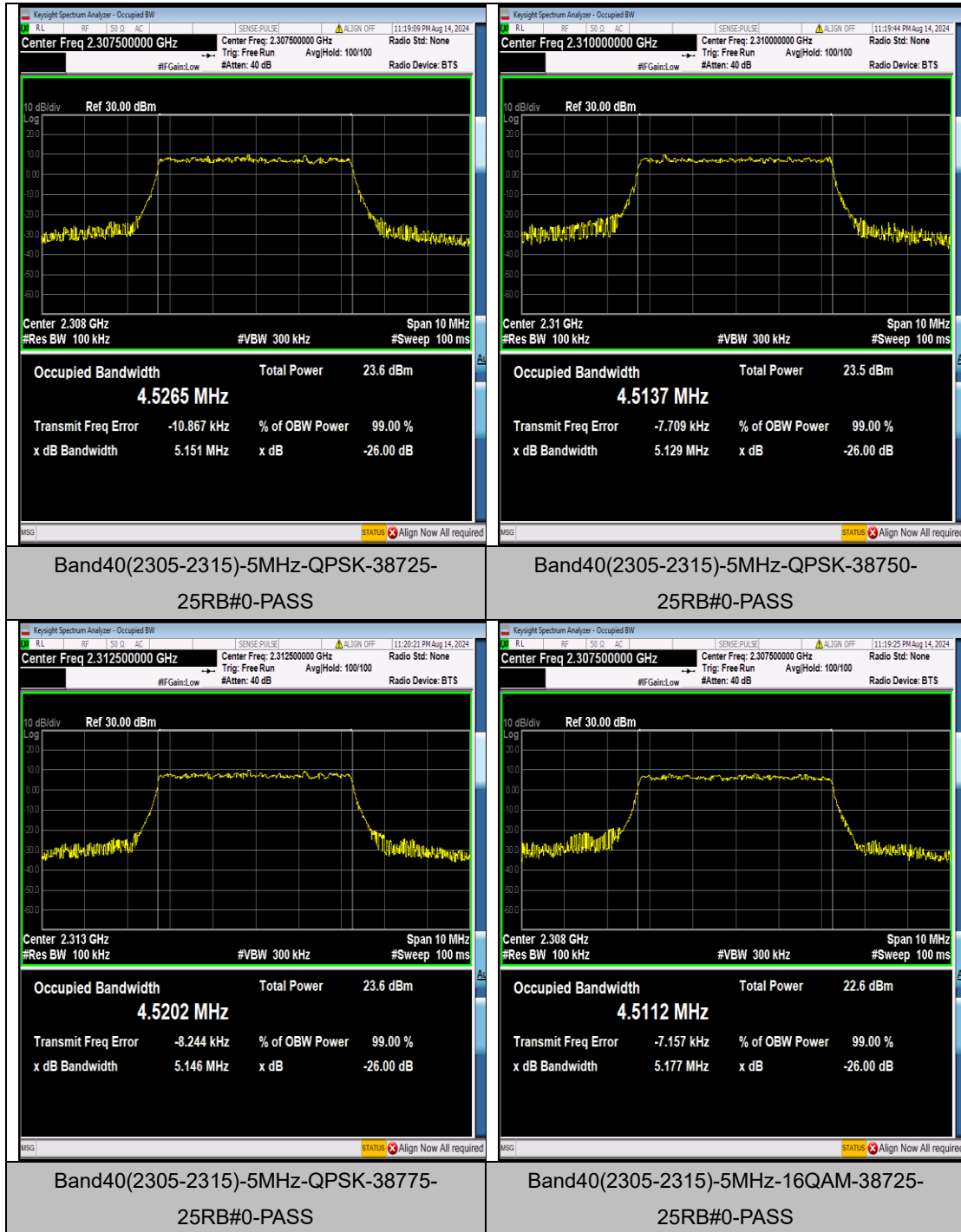


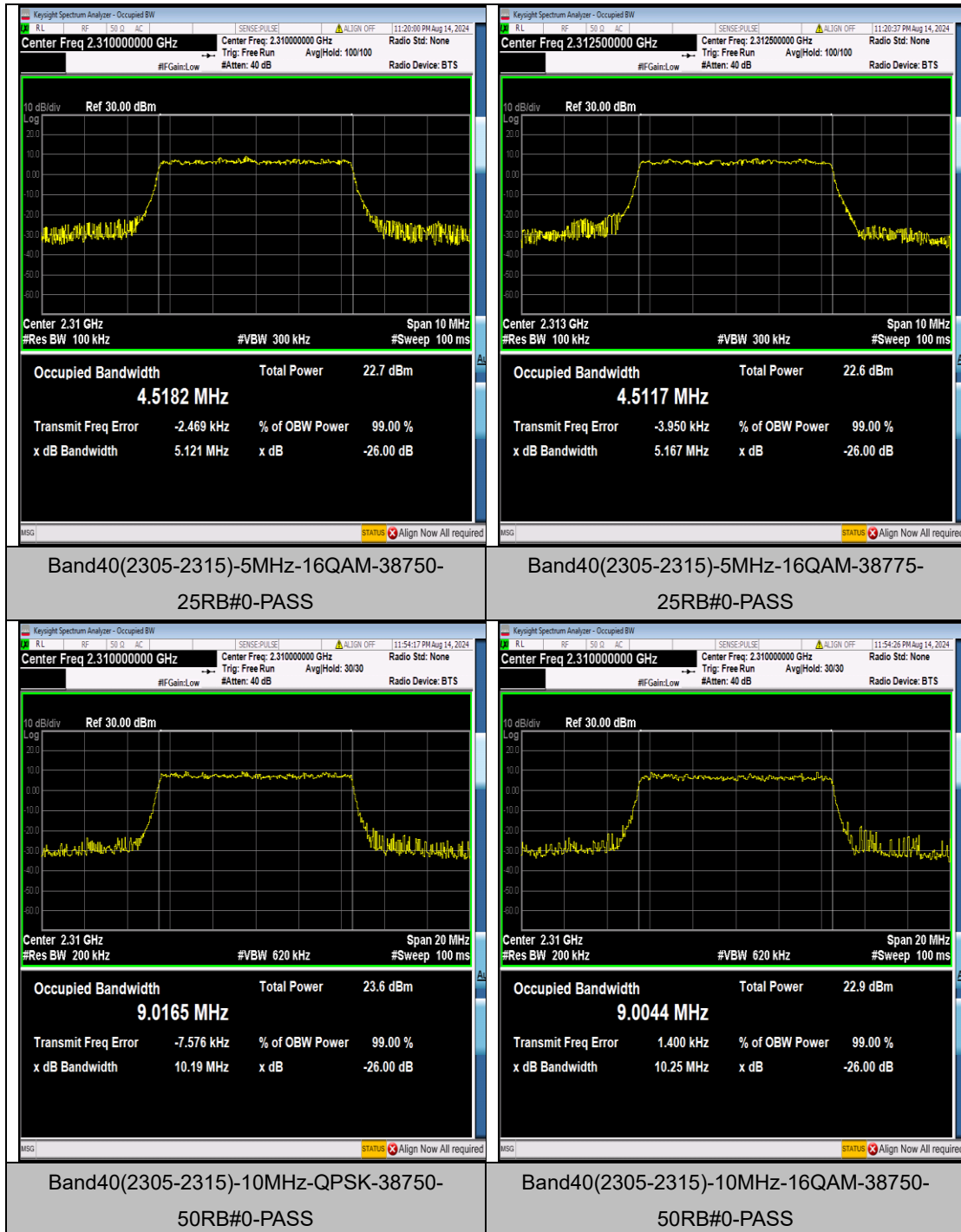
Appendix C: 26dB Bandwidth and Occupied Bandwidth

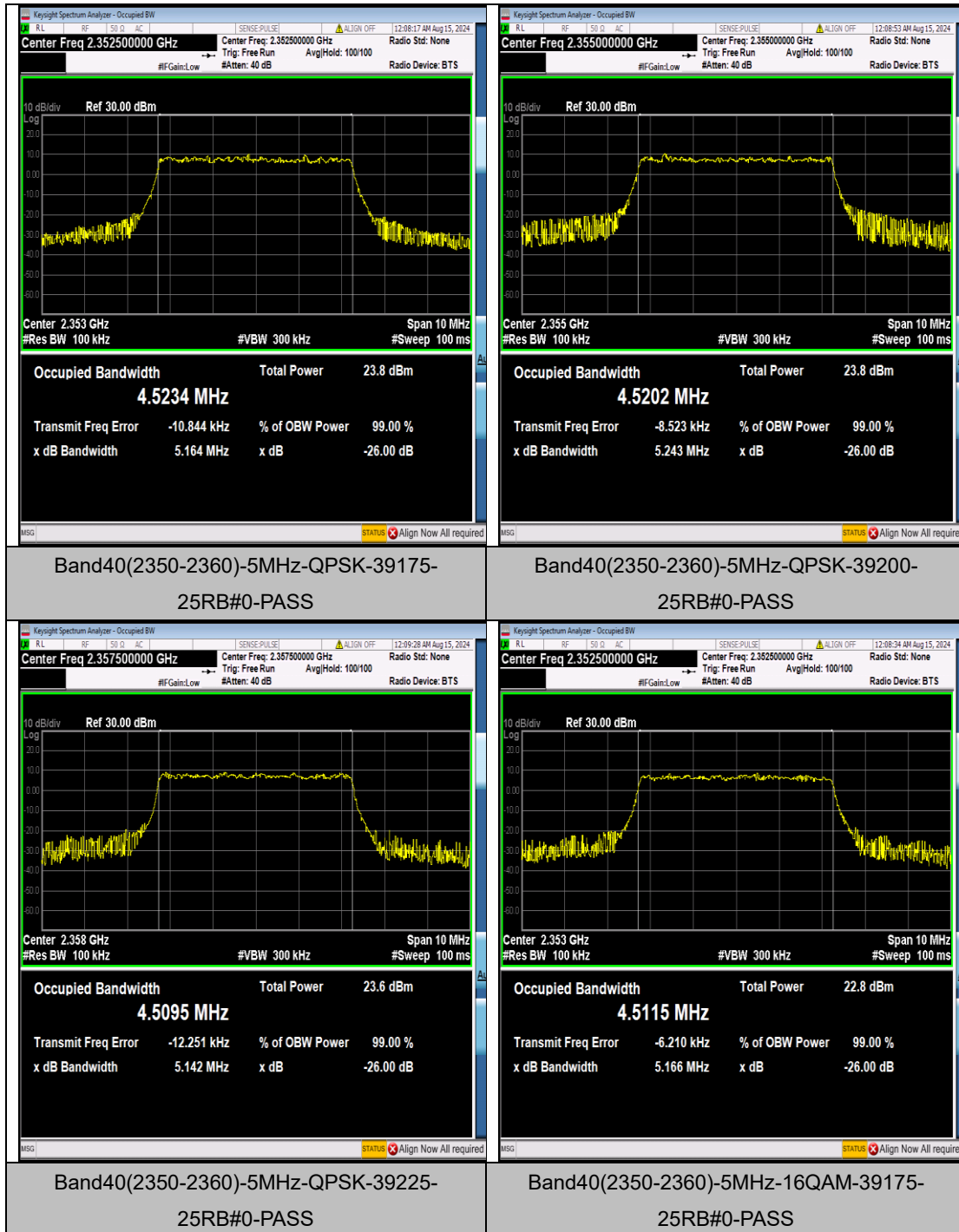
Test Result

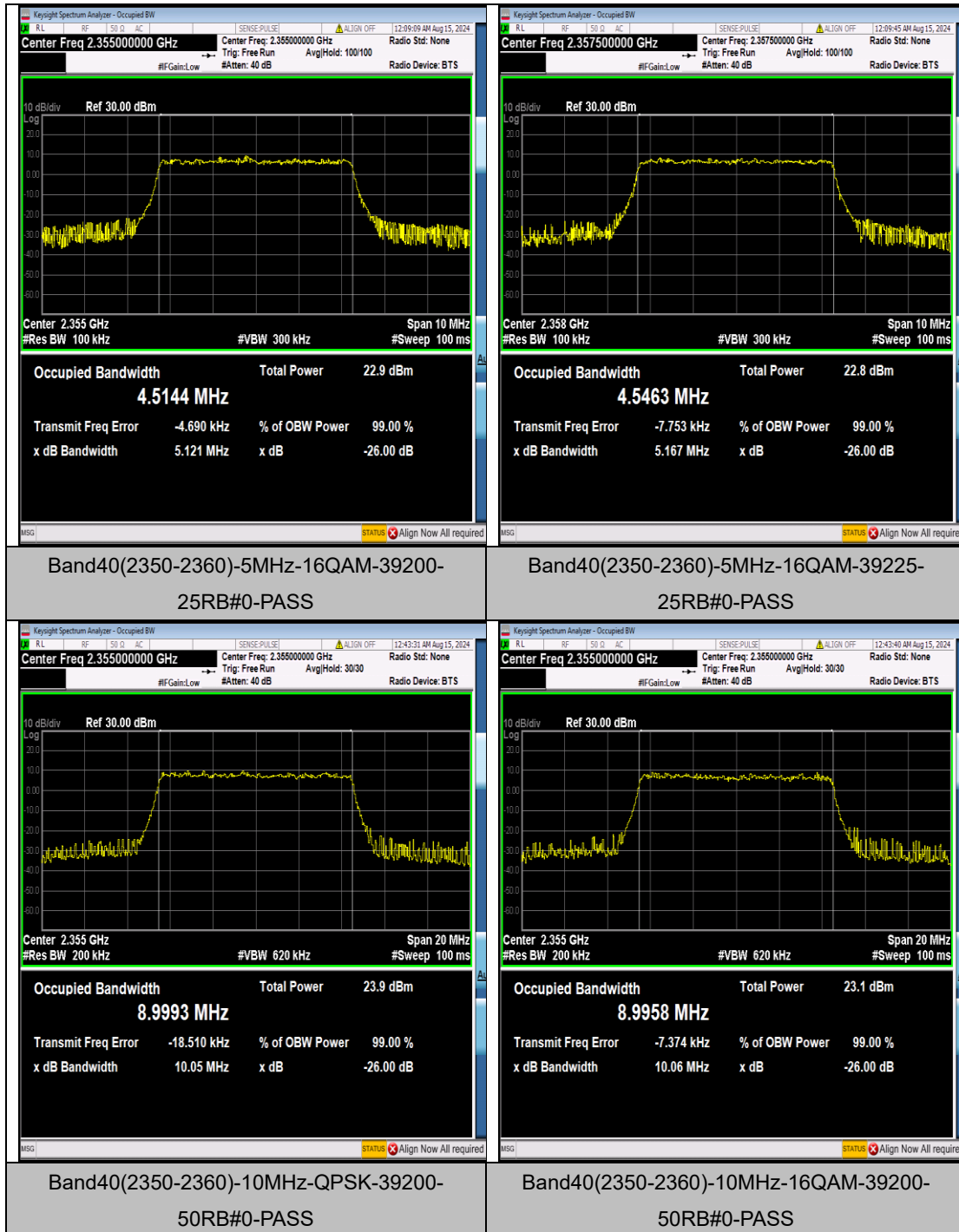
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	4.5265	5.151	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	4.5137	5.129	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	4.5202	5.146	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	4.5112	5.177	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	4.5182	5.121	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	4.5117	5.167	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	9.0165	10.19	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	9.0044	10.25	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	4.5234	5.164	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	4.5202	5.243	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	4.5095	5.142	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	4.5115	5.166	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	4.5144	5.121	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	4.5463	5.167	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	8.9993	10.05	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	8.9958	10.06	PASS

Test Graphs







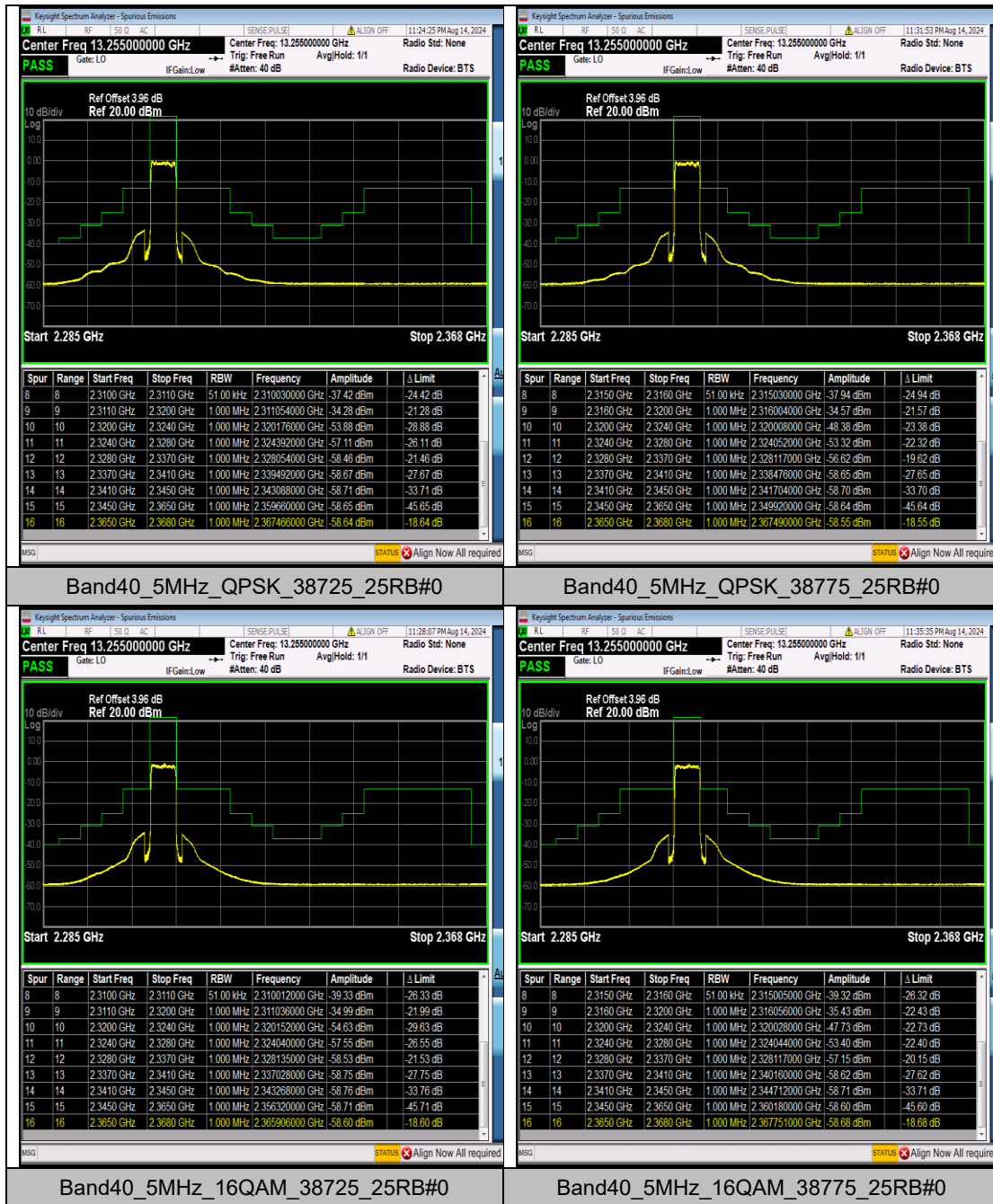


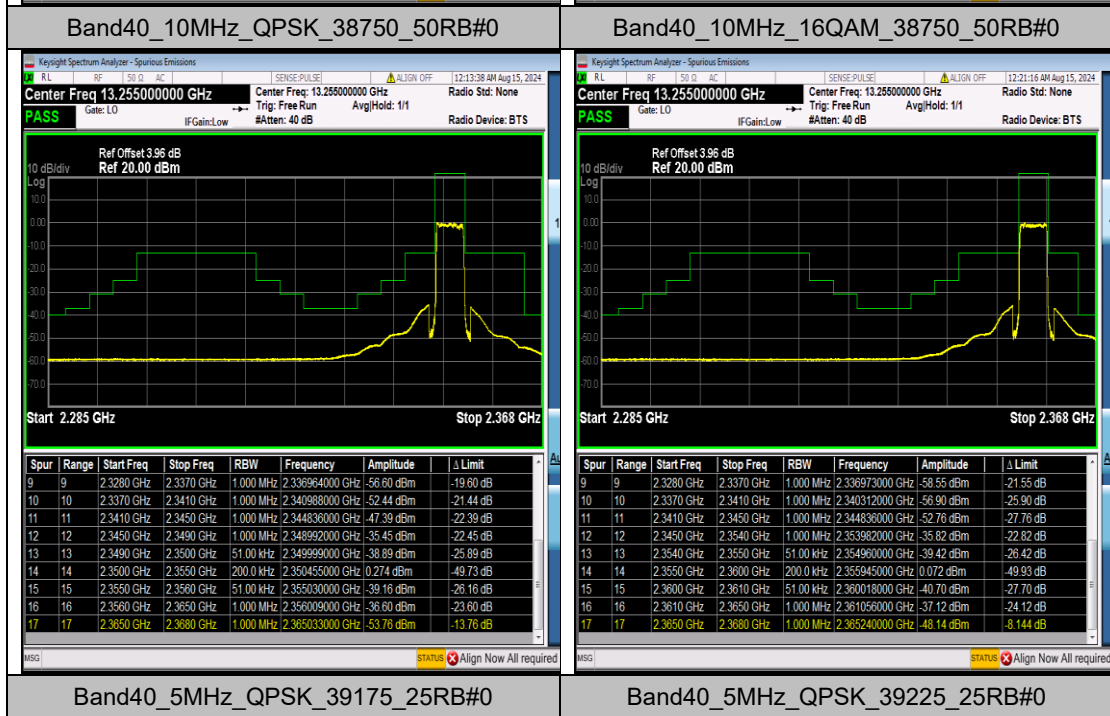
Appendix D: Band Edge

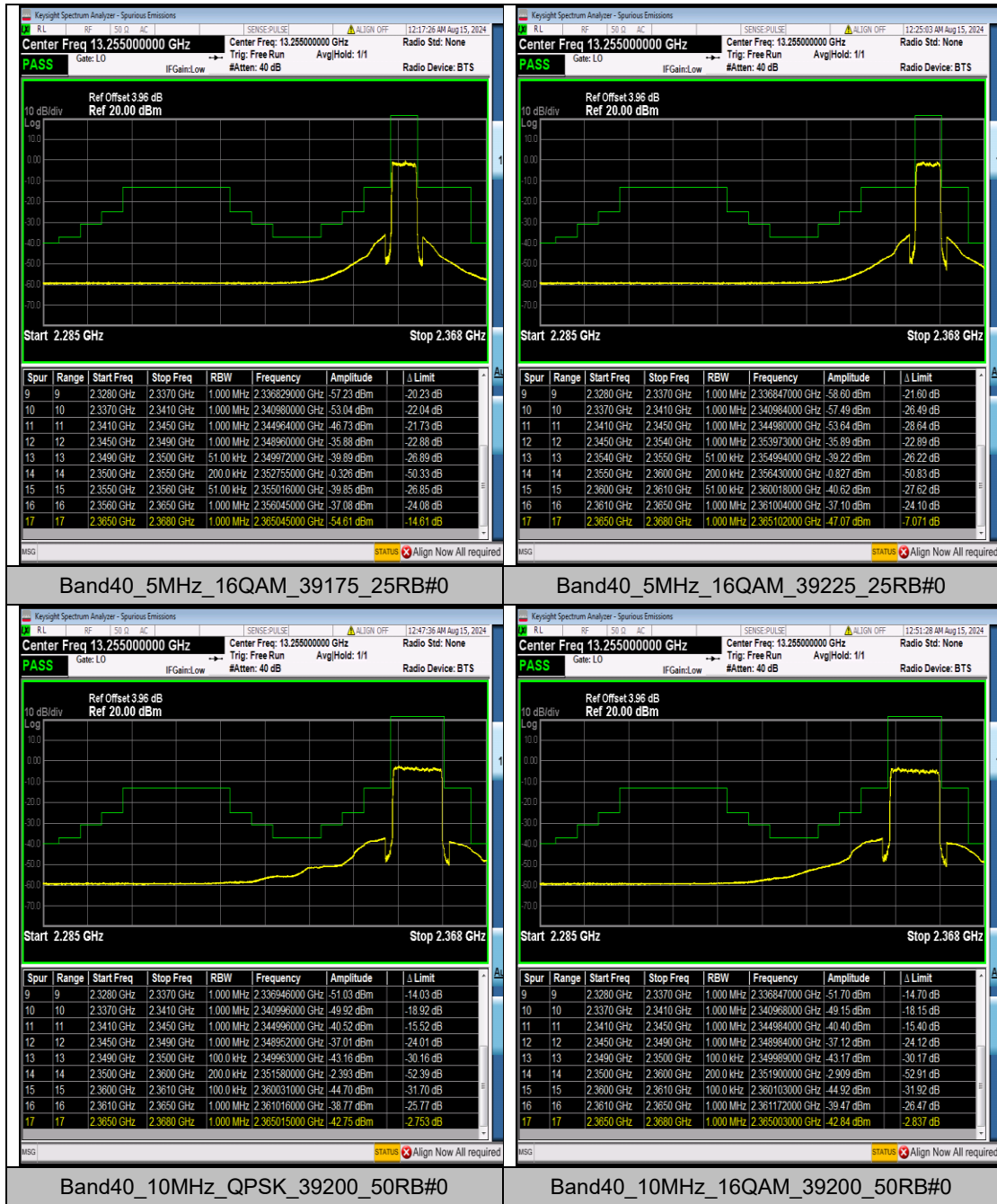
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	-58.56	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	-58.55	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	-58.60	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	-58.68	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	-38.30	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	-38.41	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	-53.76	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	-48.14	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	-54.61	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	-47.07	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	-42.75	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	-42.84	PASS

Test Graphs







Appendix E: Conducted Spurious Emission

Test Result

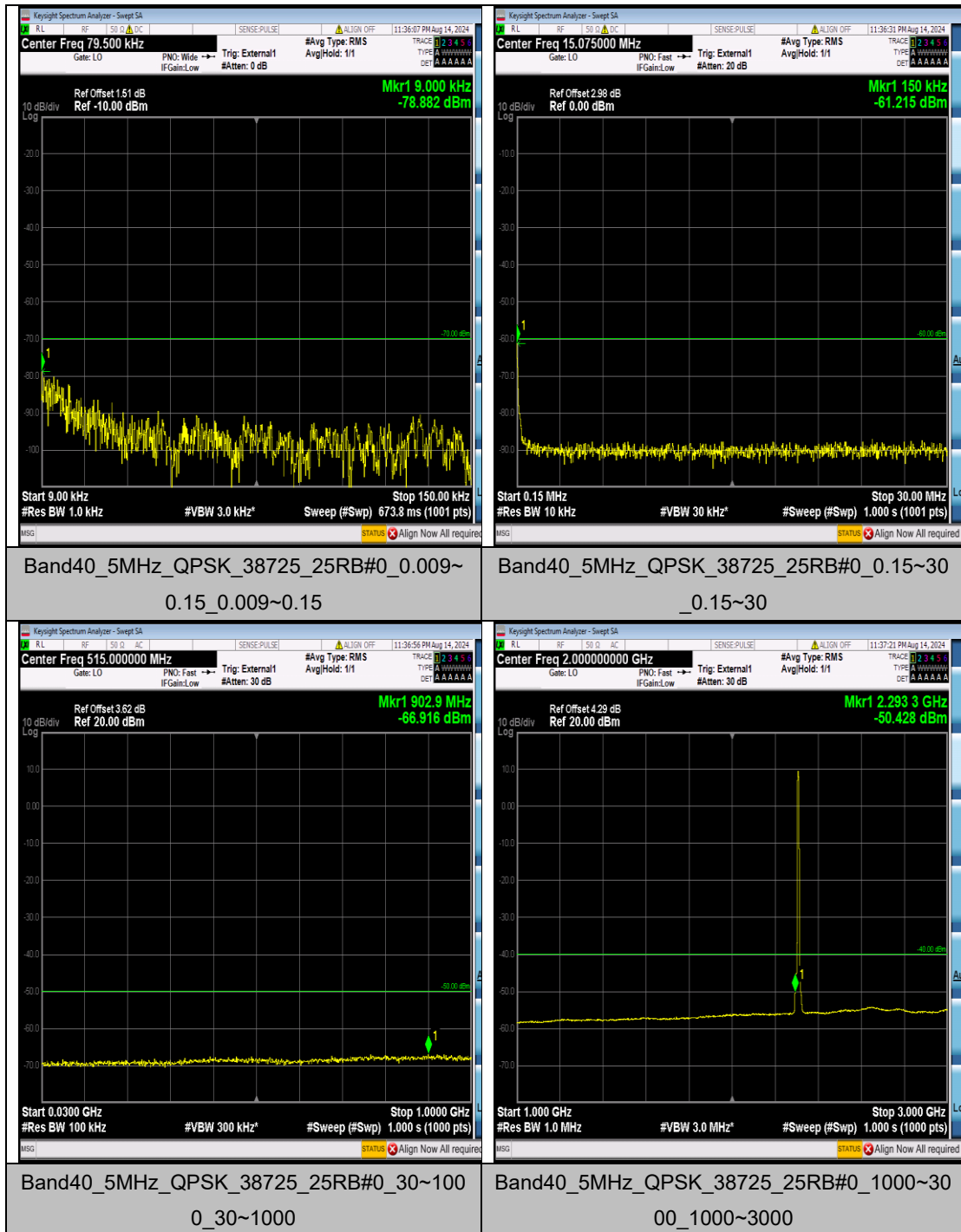
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	0.009~0.15	-78.88	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	0.15~30	-61.22	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	30~1000	-66.92	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	1000~3000	-50.43	PASS
Band40(2305-2315)	5MHz	QPSK	38725	25RB#0	3000~26500	-61.43	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	0.009~0.15	-78.62	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	0.15~30	-63.76	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	30~1000	-66.65	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	1000~3000	-50.30	PASS
Band40(2305-2315)	5MHz	QPSK	38750	25RB#0	3000~26500	-61.53	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	0.009~0.15	-79.77	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	0.15~30	-61.98	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	30~1000	-66.86	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	1000~3000	-50.43	PASS
Band40(2305-2315)	5MHz	QPSK	38775	25RB#0	3000~26500	-61.39	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	0.009~0.15	-80.54	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	0.15~30	-62.52	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	30~1000	-67.07	PASS

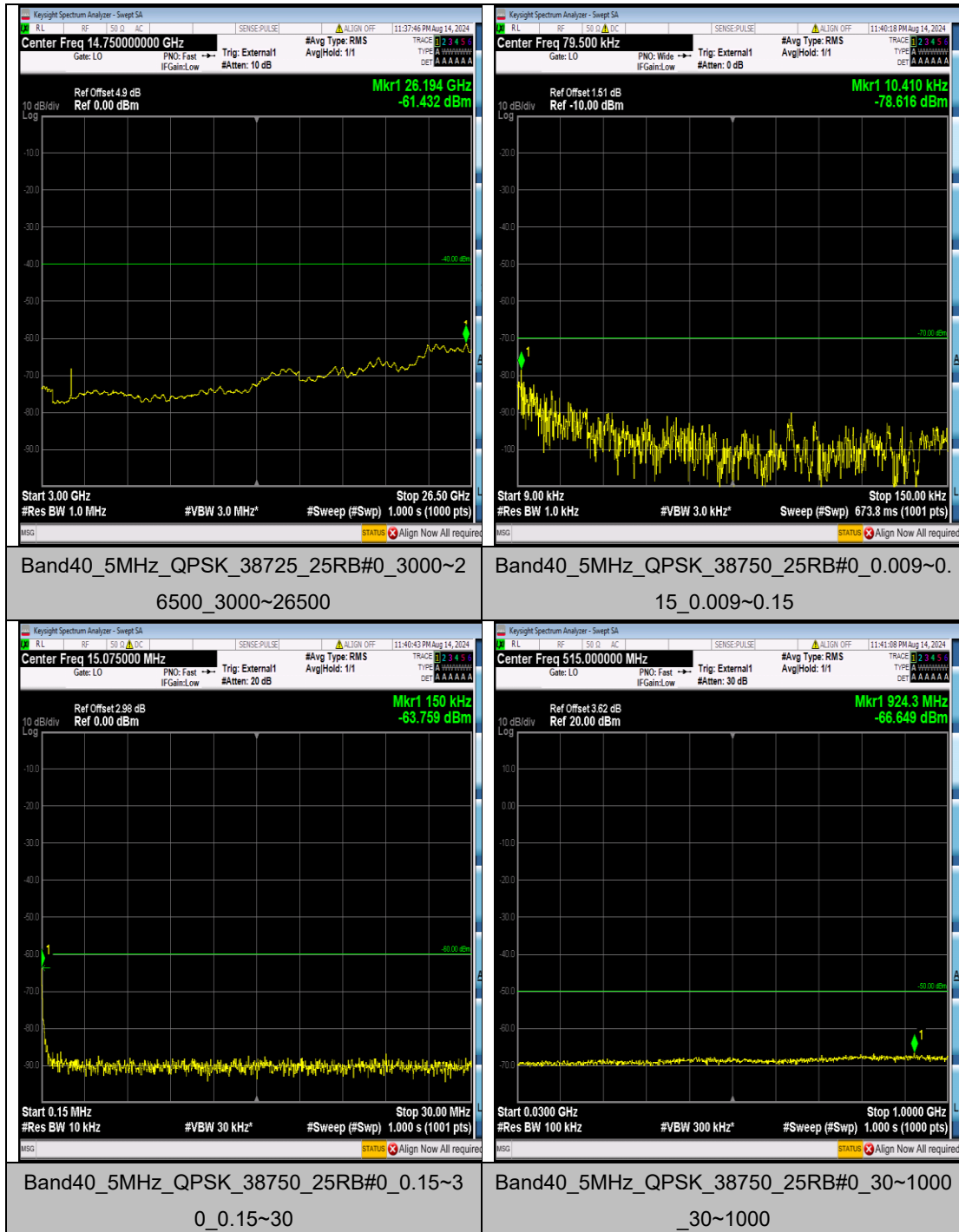
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	1000~3000	- 52.25	PASS
Band40(2305-2315)	5MHz	16QAM	38725	25RB#0	3000~2650 0	- 61.40	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	0.009~0.15	- 81.66	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	0.15~30	- 60.88	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	30~1000	- 66.99	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	1000~3000	- 50.87	PASS
Band40(2305-2315)	5MHz	16QAM	38750	25RB#0	3000~2650 0	- 61.43	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	0.009~0.15	- 79.51	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	0.15~30	- 63.99	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	30~1000	- 66.93	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	1000~3000	- 51.23	PASS
Band40(2305-2315)	5MHz	16QAM	38775	25RB#0	3000~2650 0	- 61.43	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	0.009~0.15	- 79.35	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	0.15~30	- 64.07	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	30~1000	- 66.94	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	1000~3000	- 51.49	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	3000~2650 0	- 61.51	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	0.009~0.15	- 80.45	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	0.15~30	- 61.32	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	30~1000	- 67.02	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	1000~3000	- 52.50	PASS
Band40(2305-2315)	10MHz	16QAM	38750	50RB#0	3000~2650 0	- 61.33	PASS

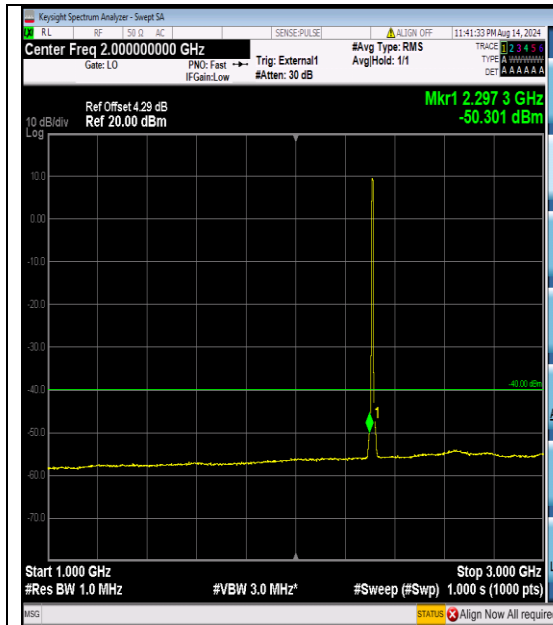
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.009~0.15	- 80.12	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.15~30	- 62.54	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	30~1000	- 66.87	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	1000~3000	- 49.80	PASS
Band40(2350-2360)	5MHz	QPSK	39175	25RB#0	3000~26500	- 61.55	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.009~0.15	- 77.96	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.15~30	- 63.71	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	30~1000	- 66.73	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	1000~3000	- 50.13	PASS
Band40(2350-2360)	5MHz	QPSK	39200	25RB#0	3000~26500	- 61.46	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.009~0.15	- 79.27	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.15~30	- 60.21	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	30~1000	- 67.01	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	1000~3000	- 50.76	PASS
Band40(2350-2360)	5MHz	QPSK	39225	25RB#0	3000~26500	- 61.34	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.009~0.15	- 78.06	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.15~30	- 63.58	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	30~1000	- 66.96	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	1000~3000	- 51.25	PASS
Band40(2350-2360)	5MHz	16QAM	39175	25RB#0	3000~26500	- 61.48	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.009~0.15	- 81.75	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.15~30	- 61.85	PASS

Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	30~1000	-67.11	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	1000~3000	-51.94	PASS
Band40(2350-2360)	5MHz	16QAM	39200	25RB#0	3000~26500	-61.48	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.009~0.15	-79.68	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.15~30	-61.14	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	30~1000	-66.71	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	1000~3000	-52.10	PASS
Band40(2350-2360)	5MHz	16QAM	39225	25RB#0	3000~26500	-61.40	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.009~0.15	-79.36	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.15~30	-61.28	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	30~1000	-66.83	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	1000~3000	-51.71	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	3000~26500	-61.52	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.009~0.15	-78.27	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.15~30	-64.78	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	30~1000	-66.96	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	1000~3000	-52.52	PASS
Band40(2350-2360)	10MHz	16QAM	39200	50RB#0	3000~26500	-61.39	PASS

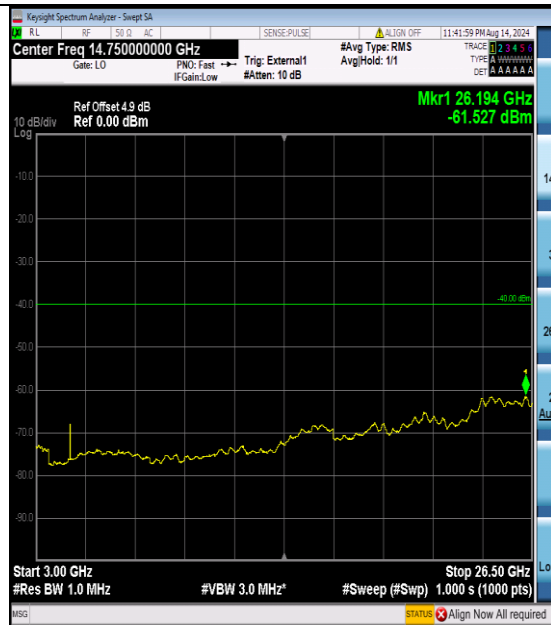
Test Graphs



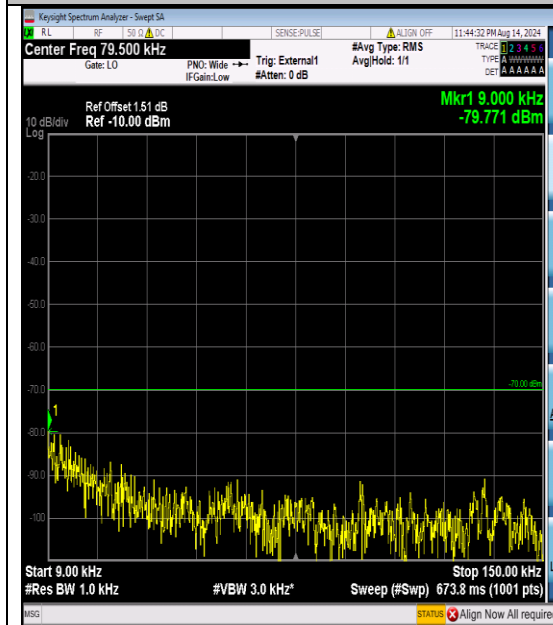




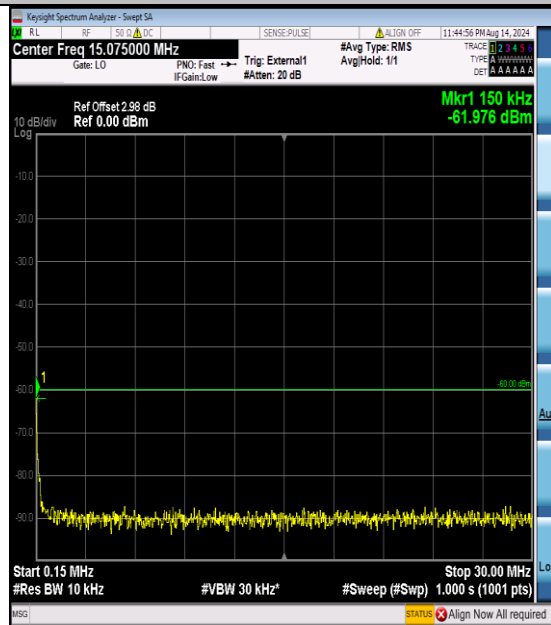
Band40_5MHz_QPSK_38750_25RB#0_1000~3000_1000~3000



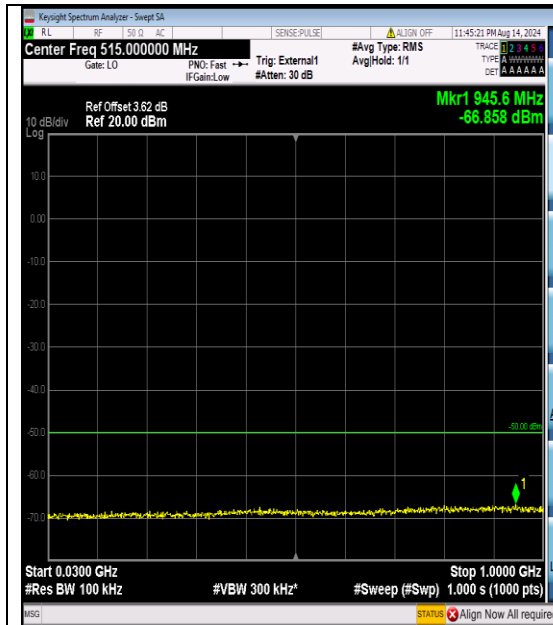
Band40_5MHz_QPSK_38750_25RB#0_3000~26500_500_3000~26500



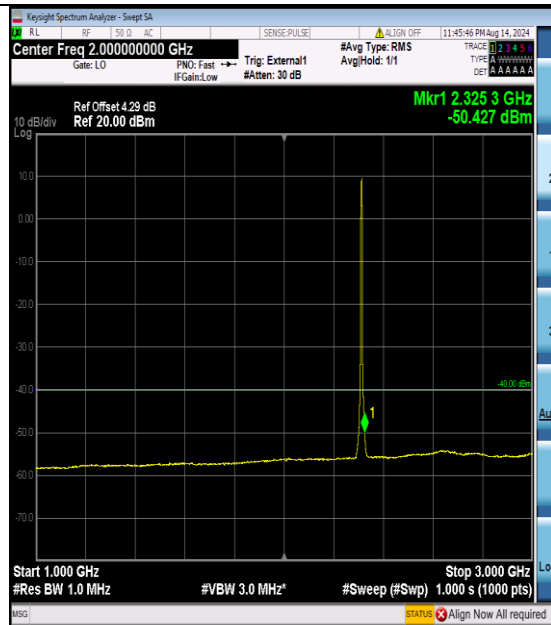
Band40_5MHz_QPSK_38775_25RB#0_0.009~0.15_0.009~0.15



Band40_5MHz_QPSK_38775_25RB#0_0.15~30_0.15~30



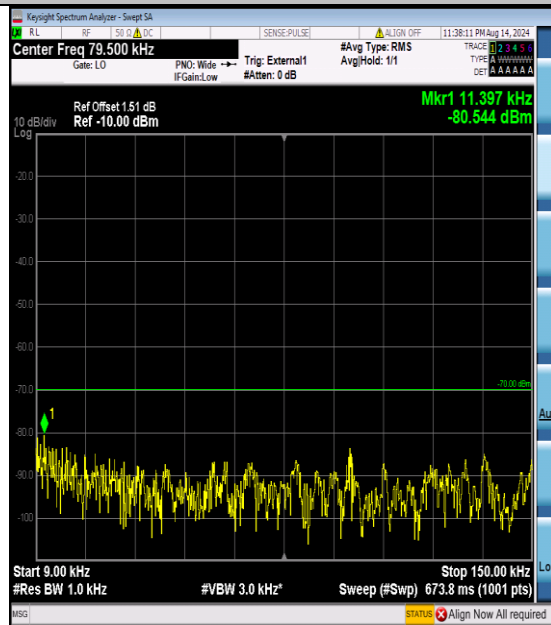
Band40_5MHz_QPSK_38775_25RB#0_30~100
 0_30~1000



Band40_5MHz_QPSK_38775_25RB#0_1000~30
 00_1000~3000



Band40_5MHz_QPSK_38775_25RB#0_3000~2
 6500_3000~26500



Band40_5MHz_16QAM_38725_25RB#0_0.009~
 0.15_0.009~0.15