

FCC LTE Band Test Data

FCC ID : 2BM9D-S25ULTRA

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : S25 Ultra

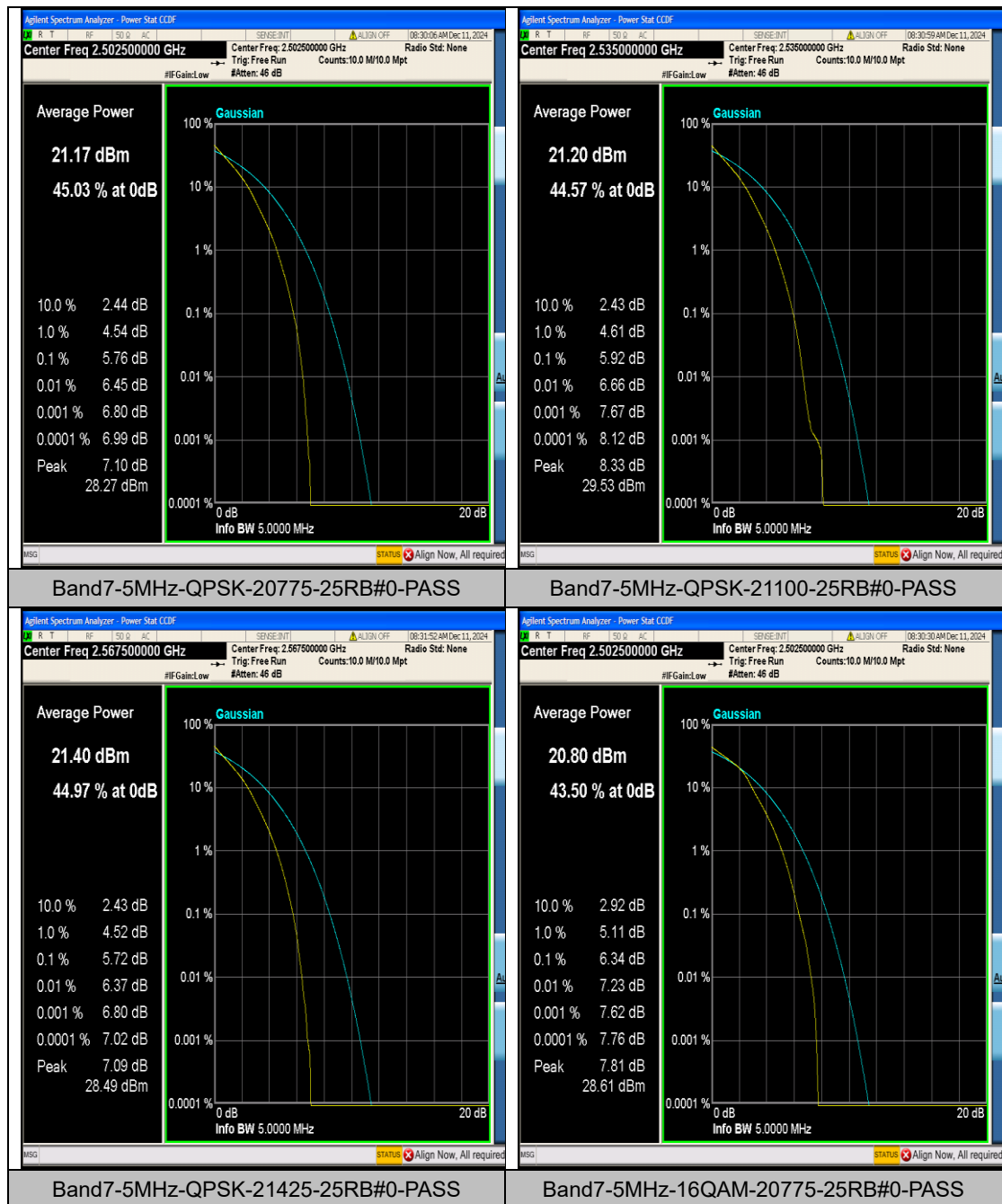
Reviewed By : Eric Wang

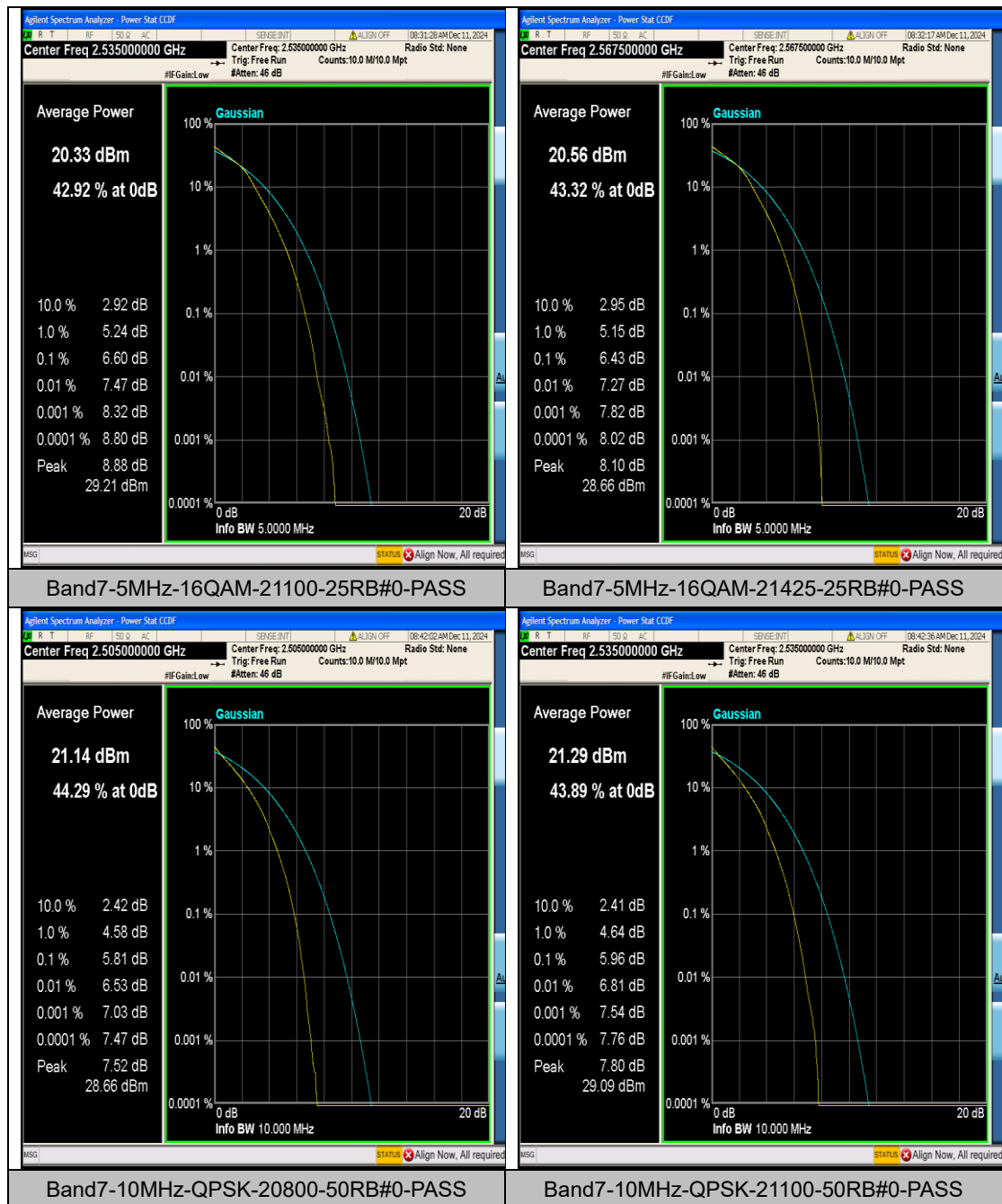
Appendix B: Peak-to-Average Ratio(CCDF)

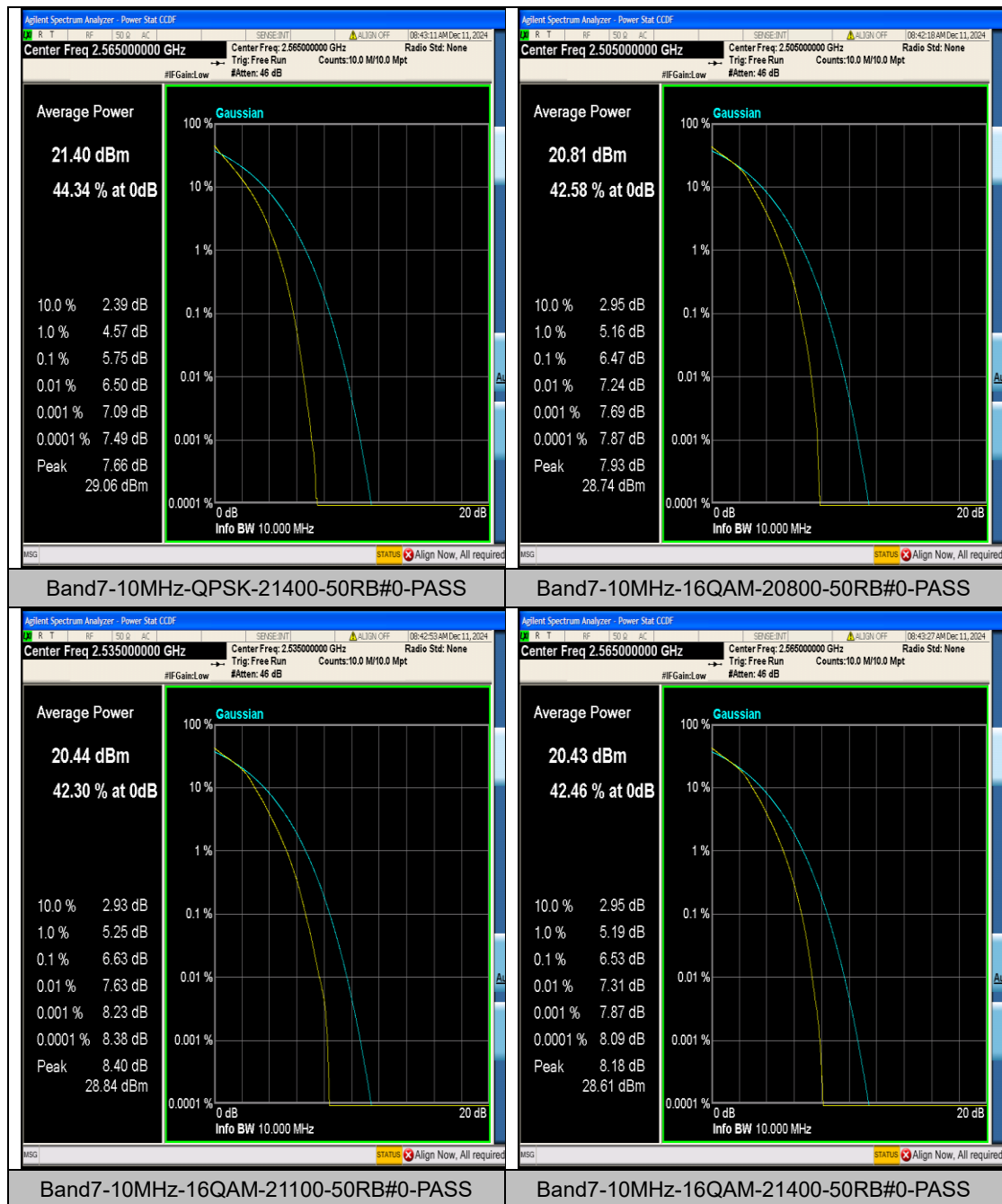
Test Result

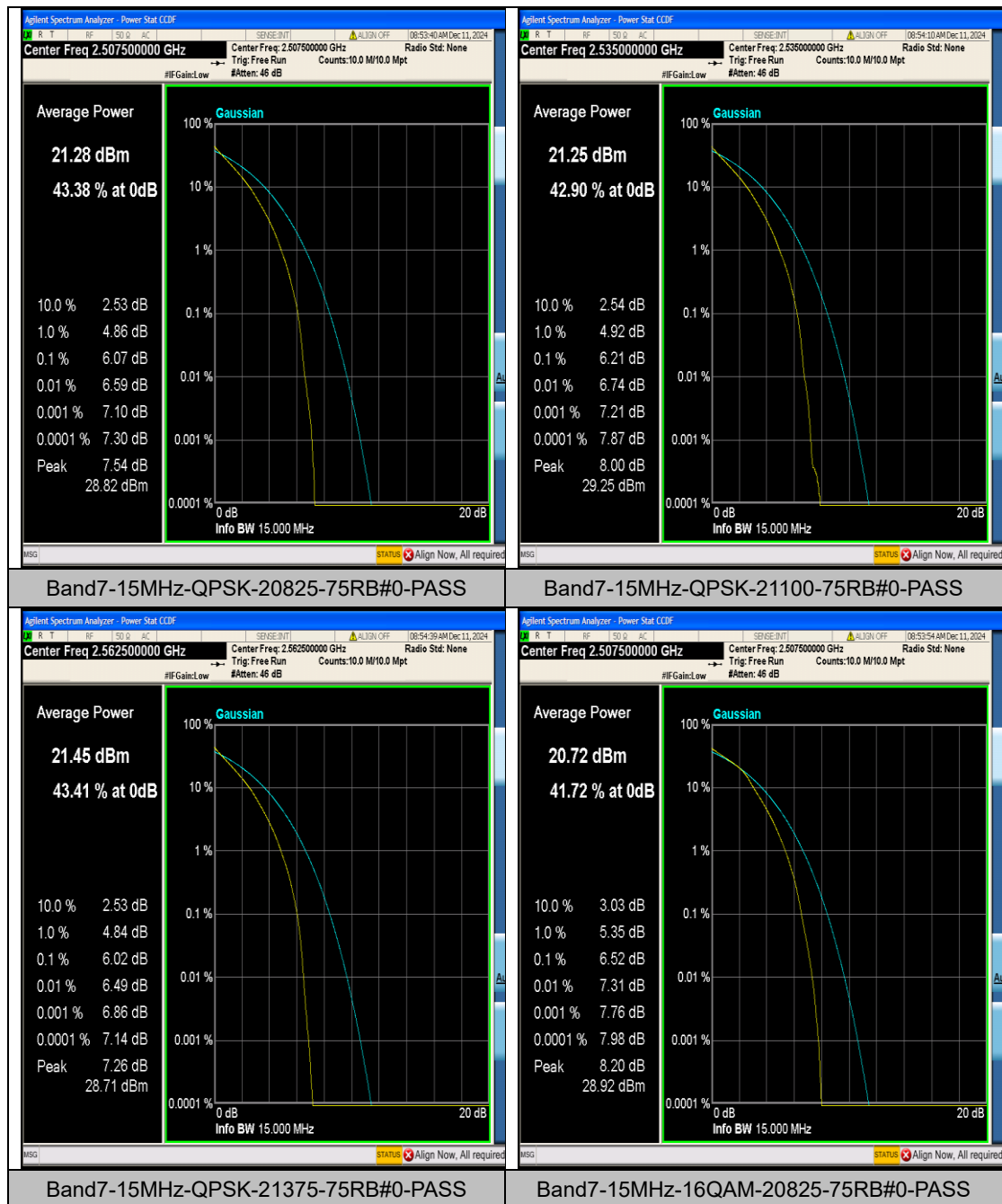
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.76	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.92	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.72	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.34	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.60	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.43	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.81	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.96	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.75	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.47	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.63	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.53	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	6.07	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.21	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	6.02	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.52	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.70	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.56	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.83	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.04	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.79	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.60	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.64	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.55	13	PASS

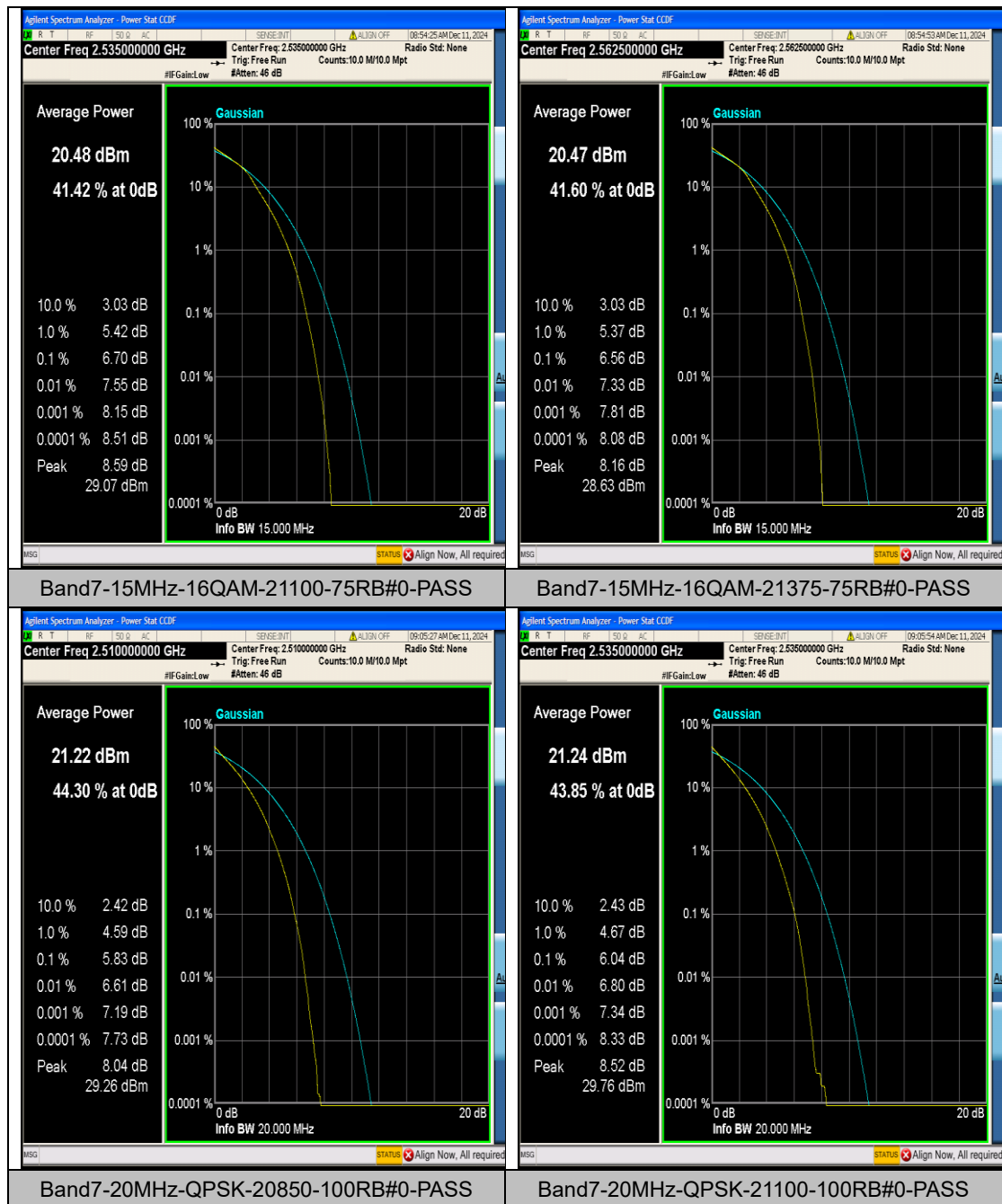
Test Graphs

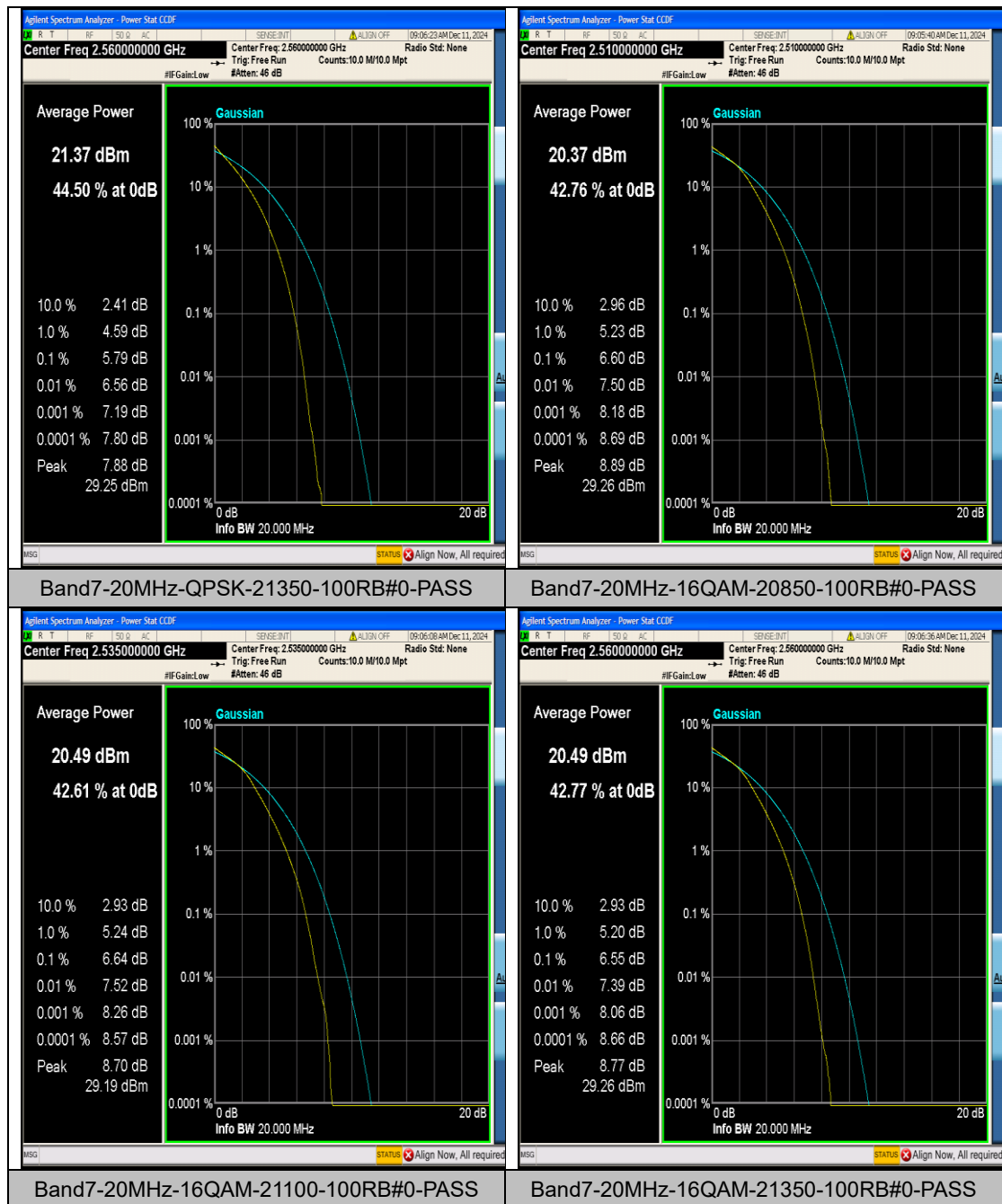










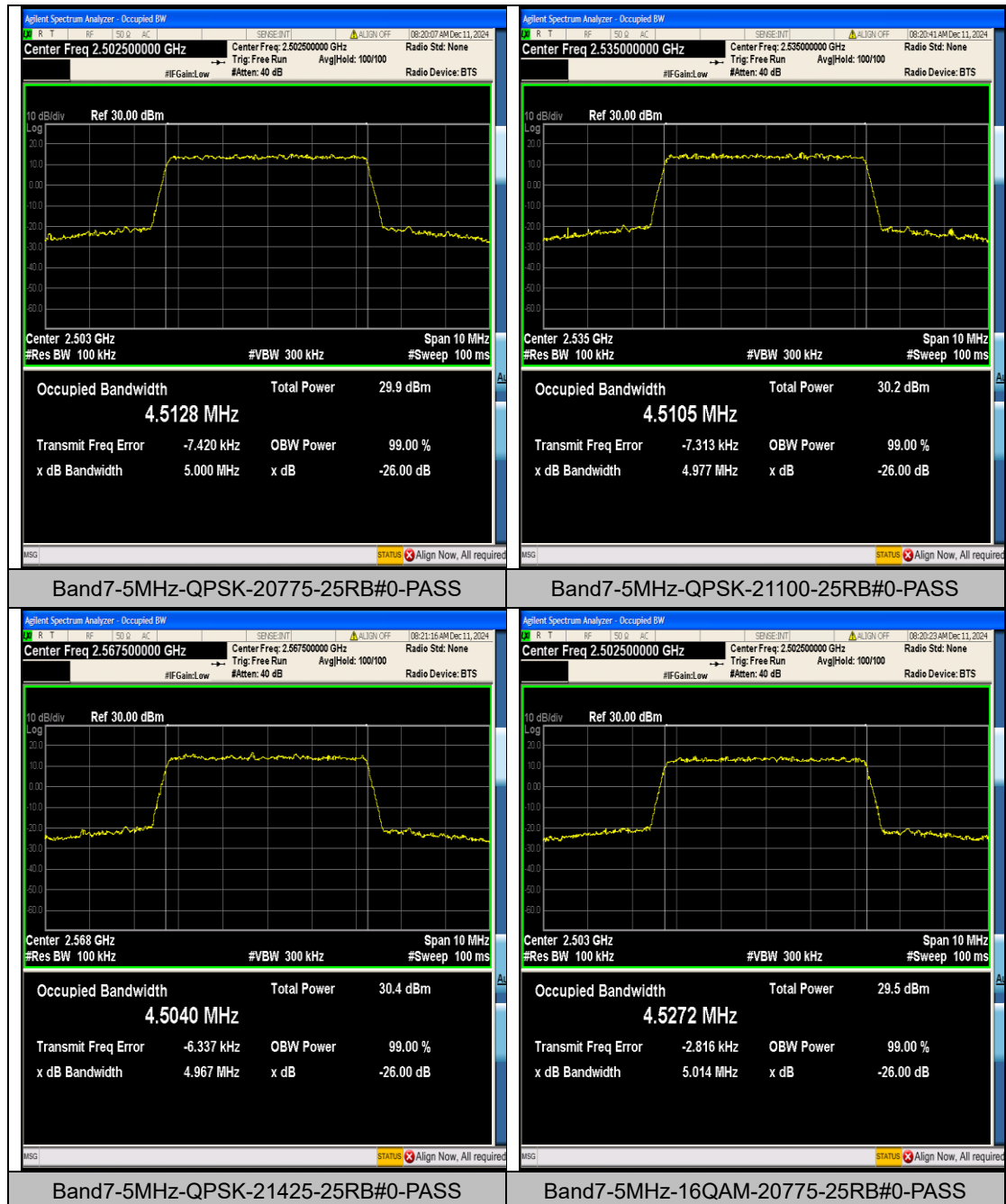


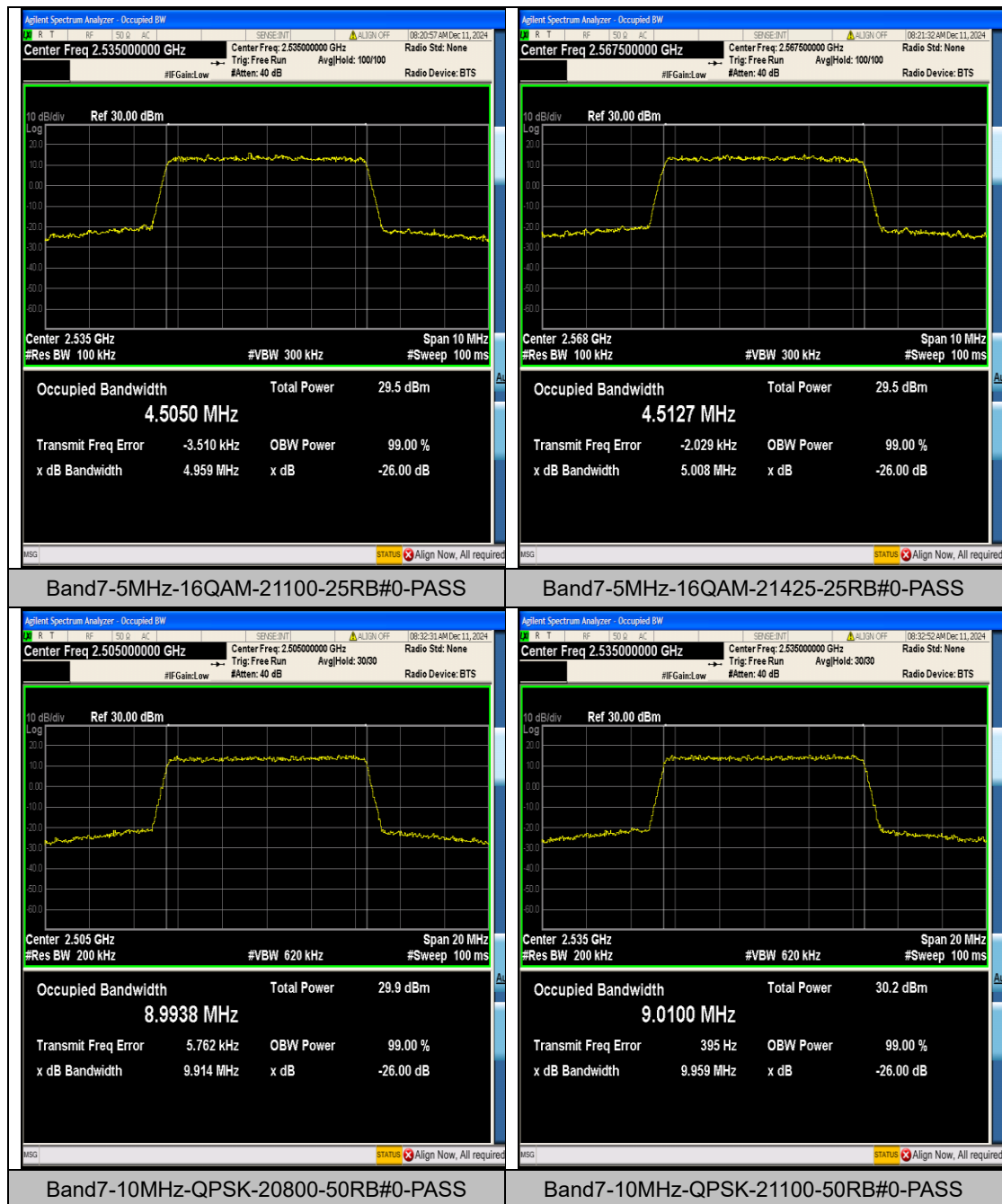
Appendix C: 26dB Bandwidth and Occupied Bandwidth

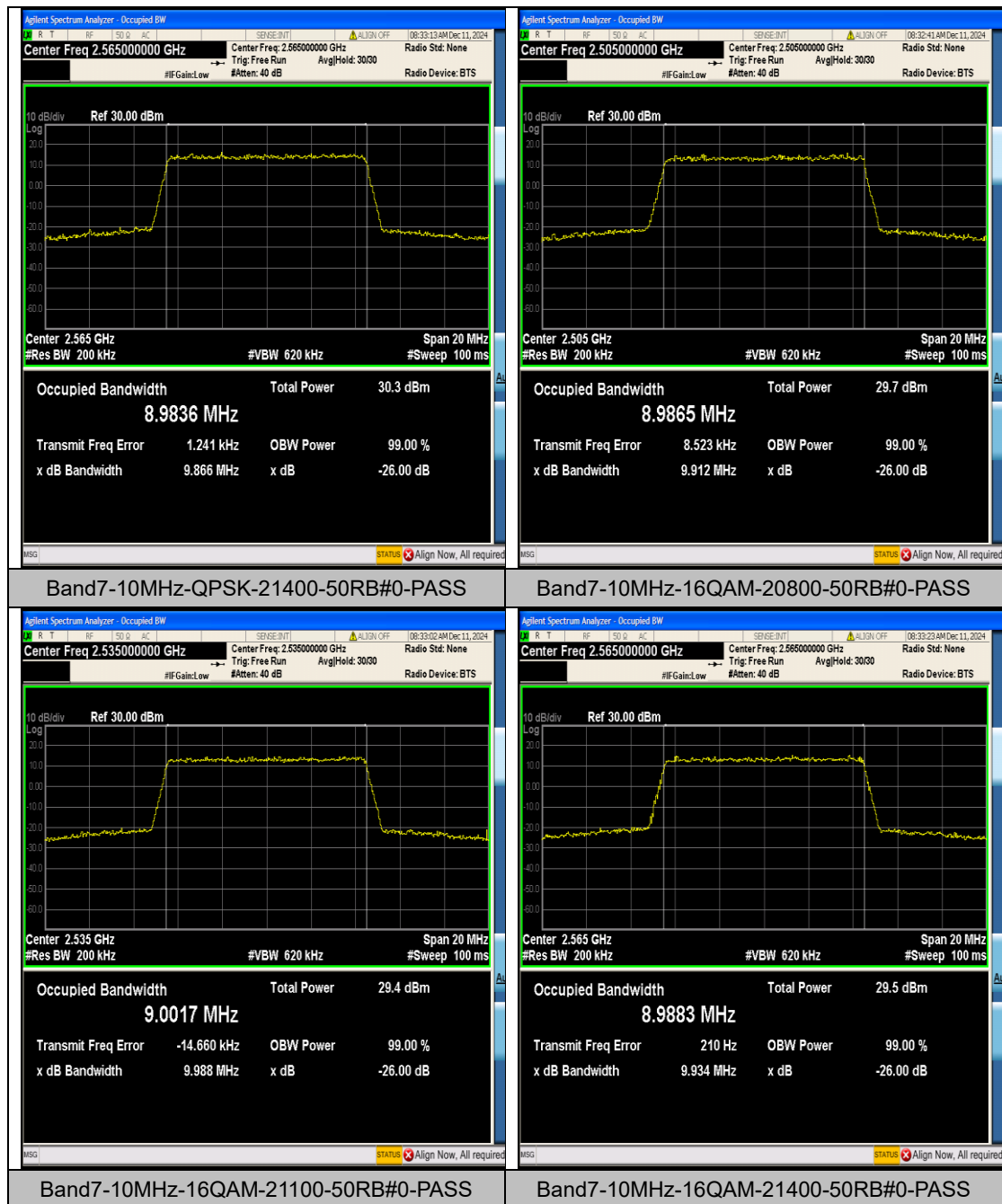
Test Result

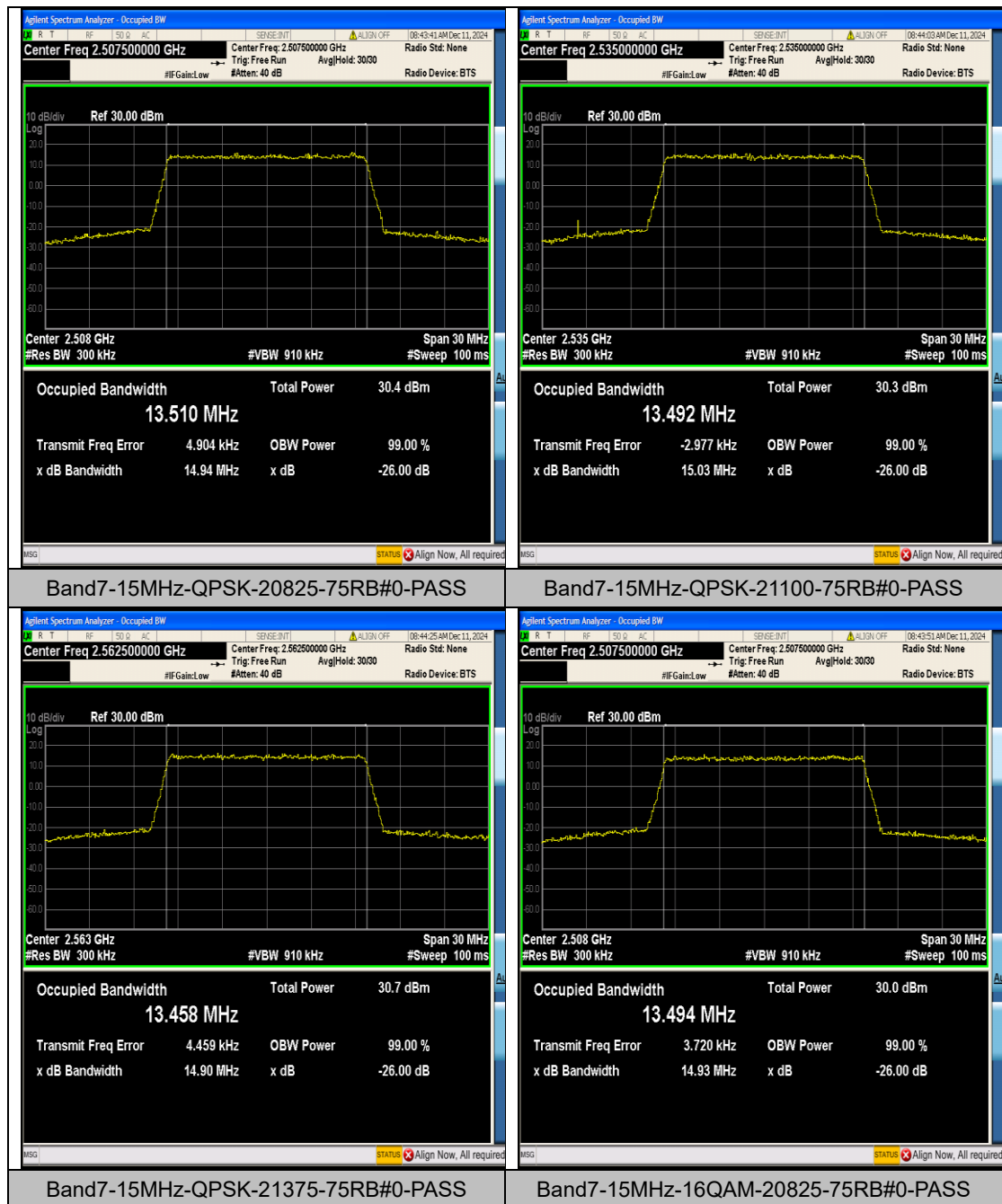
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5128	5.000	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5105	4.977	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5040	4.967	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5272	5.014	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5050	4.959	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5127	5.008	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9938	9.914	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0100	9.959	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9836	9.866	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9865	9.912	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0017	9.988	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9883	9.934	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.510	14.94	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.492	15.03	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.458	14.90	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.494	14.93	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.499	14.93	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.508	15.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.013	19.81	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.051	19.81	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.043	19.74	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.998	19.66	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.001	19.76	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.018	19.70	PASS

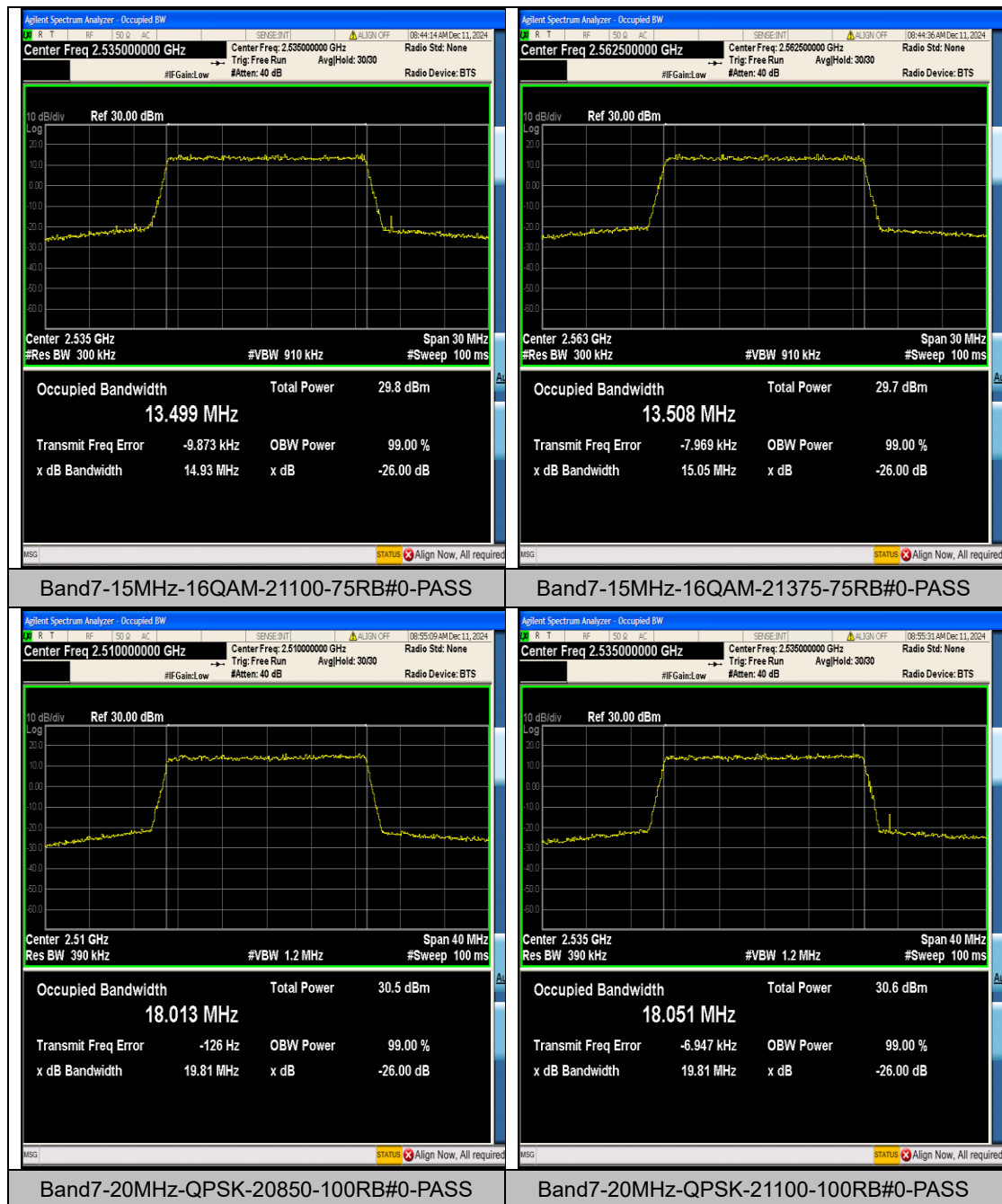
Test Graphs

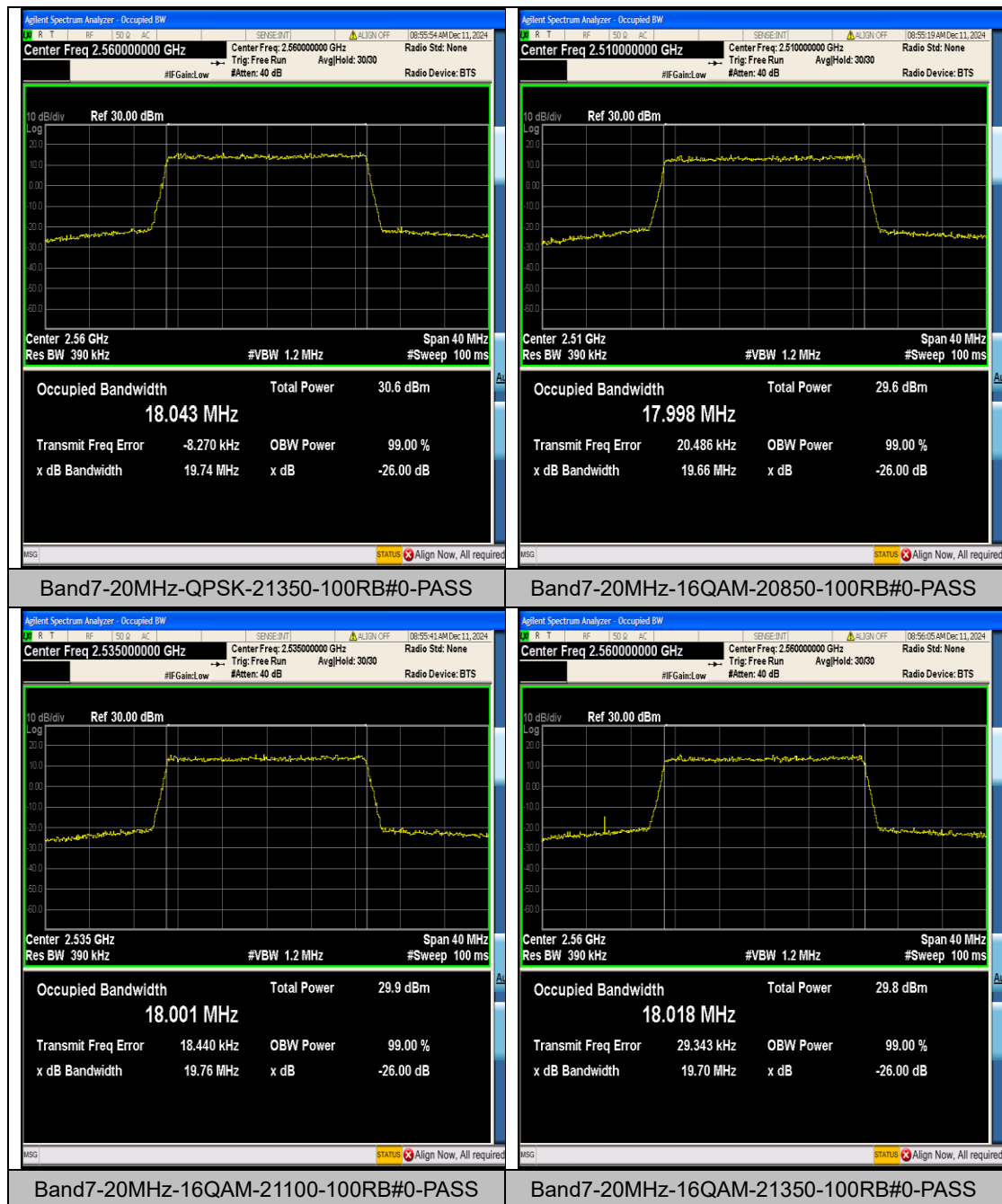










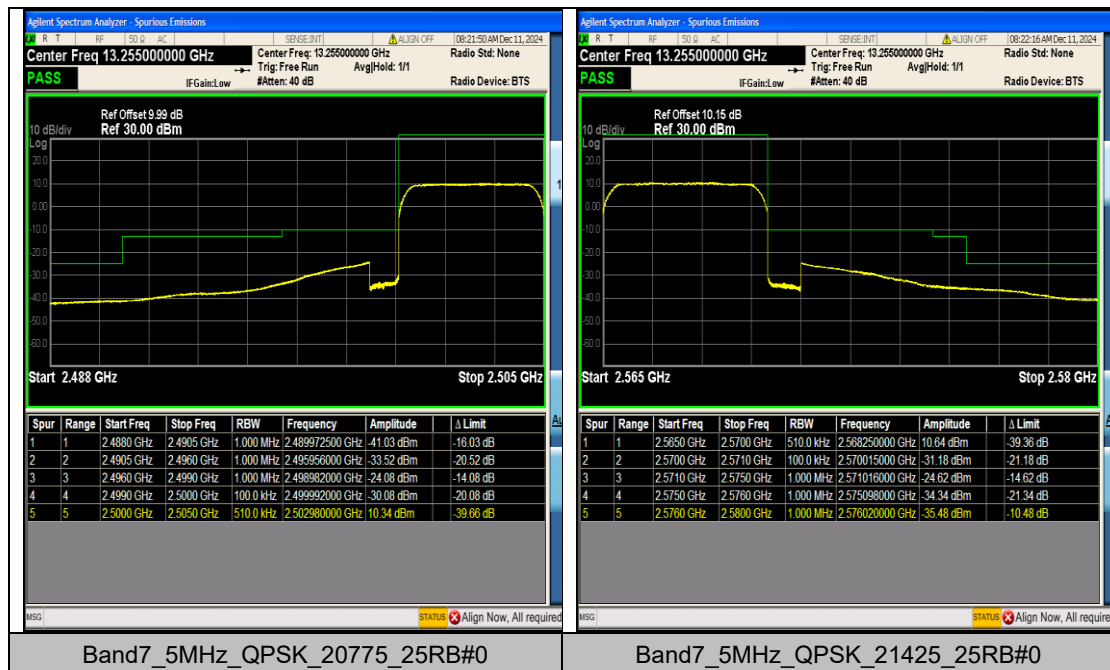


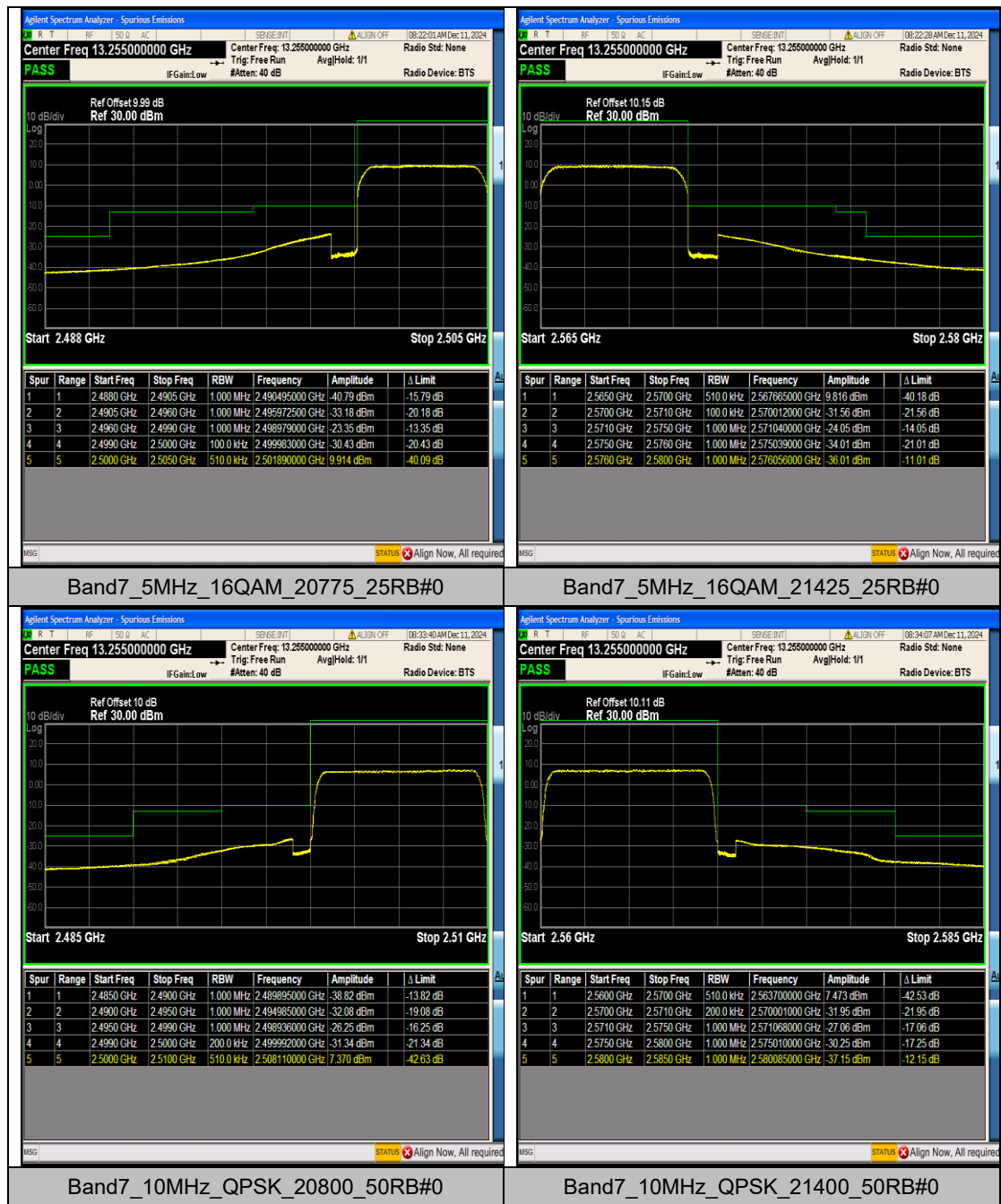
Appendix D: Band Edge

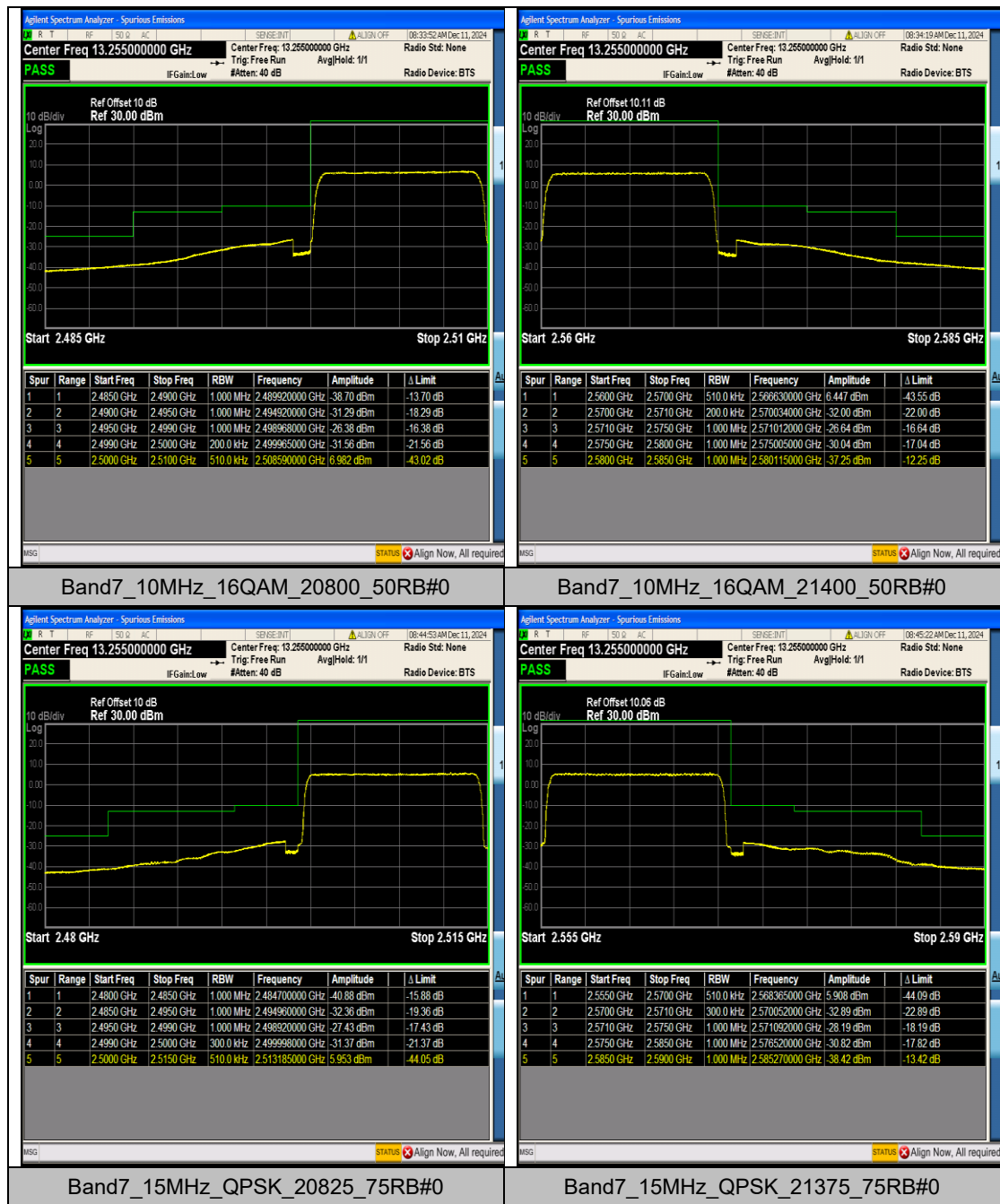
Test Result

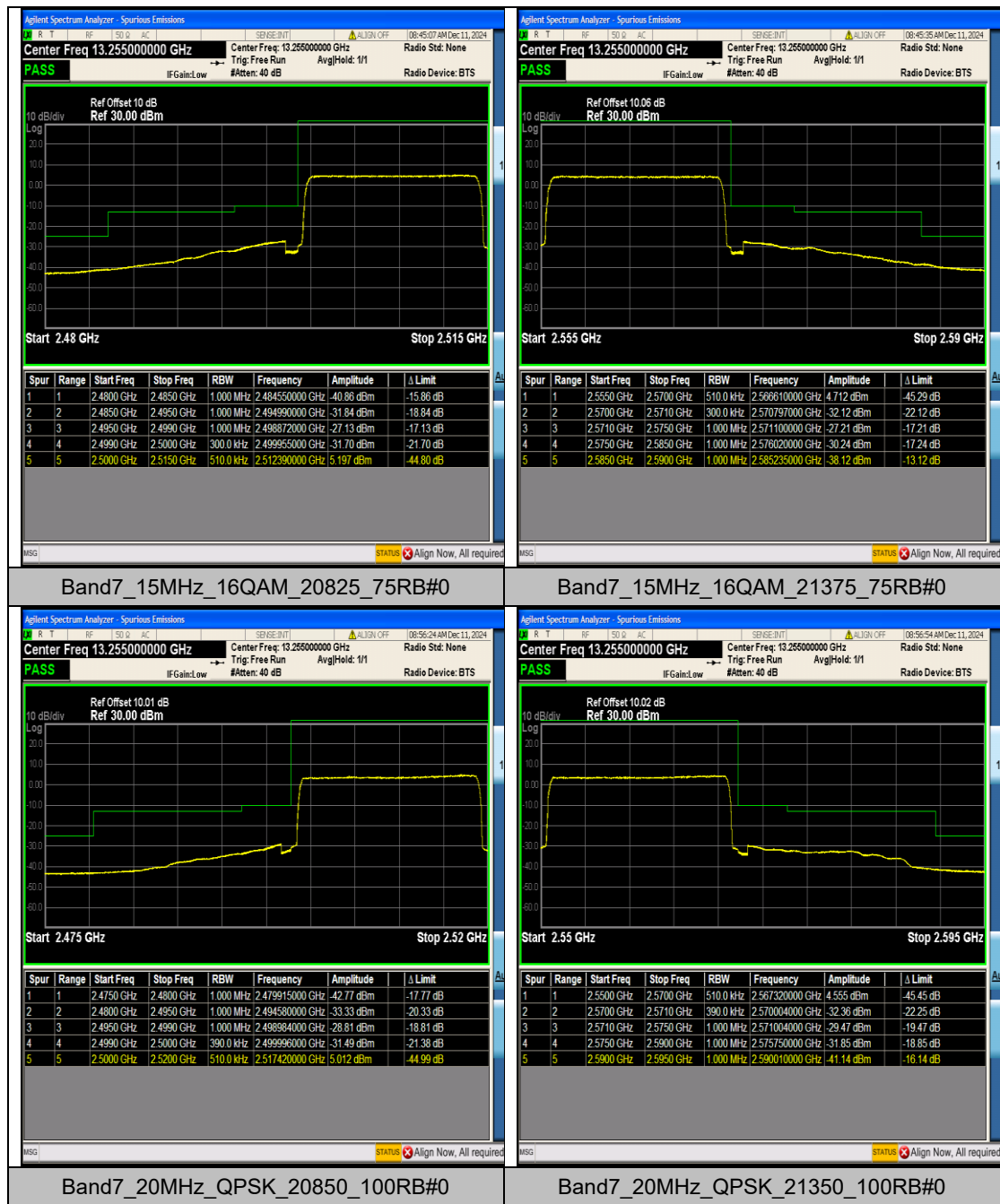
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-24.08	PASS
Band7	5MHz	QPSK	21425	25RB#0	-35.48	PASS
Band7	5MHz	16QAM	20775	25RB#0	-23.35	PASS
Band7	5MHz	16QAM	21425	25RB#0	-36.01	PASS
Band7	10MHz	QPSK	20800	50RB#0	-38.82	PASS
Band7	10MHz	QPSK	21400	50RB#0	-37.15	PASS
Band7	10MHz	16QAM	20800	50RB#0	-38.70	PASS
Band7	10MHz	16QAM	21400	50RB#0	-37.25	PASS
Band7	15MHz	QPSK	20825	75RB#0	-40.88	PASS
Band7	15MHz	QPSK	21375	75RB#0	-38.42	PASS
Band7	15MHz	16QAM	20825	75RB#0	-40.86	PASS
Band7	15MHz	16QAM	21375	75RB#0	-38.12	PASS
Band7	20MHz	QPSK	20850	100RB#0	-42.77	PASS
Band7	20MHz	QPSK	21350	100RB#0	-41.14	PASS
Band7	20MHz	16QAM	20850	100RB#0	-42.78	PASS
Band7	20MHz	16QAM	21350	100RB#0	-41.05	PASS

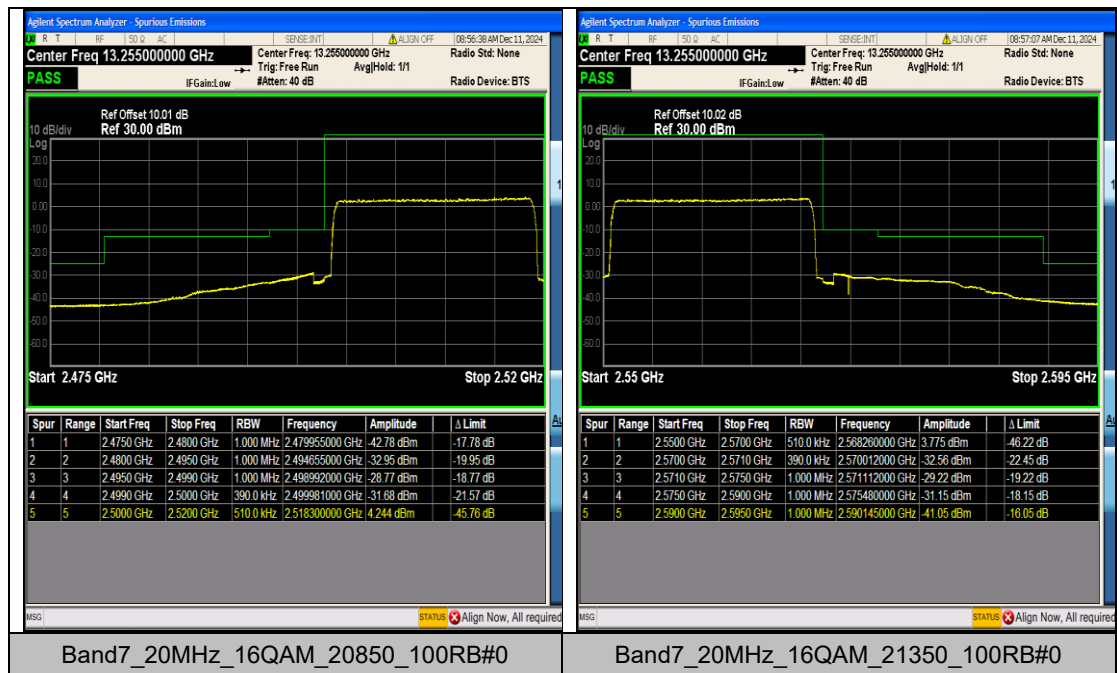
Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	0.009~0.15	-63.72	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-63.42	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-61.80	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-32.95	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-31.72	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-68.21	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-62.56	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-61.79	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-33.24	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-31.54	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-66.98	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-62.24	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-61.63	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-32.03	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-31.04	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-67.25	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-63.52	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-61.80	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-31.95	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-31.35	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-61.89	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-61.17	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-61.98	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-33.48	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-31.40	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-65.35	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-61.48	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-61.74	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-33.13	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-31.47	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-67.69	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-63.25	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-61.41	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-35.09	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-31.48	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-69.00	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-61.75	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-61.75	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-35.34	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-31.06	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-66.97	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-63.42	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-61.57	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-35.18	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-31.57	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-66.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-61.36	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-61.61	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-34.85	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-31.49	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-65.08	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-60.96	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-61.79	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-36.38	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-31.28	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-67.56	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-61.80	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-61.72	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-35.19	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-31.36	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-68.70	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-60.78	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-61.66	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-35.77	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-31.33	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-67.26	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-62.04	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-61.61	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-36.53	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-31.45	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-64.28	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-61.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-61.74	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-35.14	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-31.08	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-66.71	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-61.31	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-61.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-36.22	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-31.54	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-67.64	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-63.32	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-61.78	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-36.79	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-31.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-65.15	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-62.60	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-61.62	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-35.92	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-31.31	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-64.47	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-61.23	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-61.62	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-36.68	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-31.50	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-67.96	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-61.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-61.66	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-37.09	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-31.50	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-65.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-60.83	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-61.70	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-36.29	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-31.33	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-65.08	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-61.59	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-61.84	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-37.36	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-31.74	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-67.15	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-61.49	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-61.38	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-37.67	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-31.18	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-67.67	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-60.48	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-61.81	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-37.26	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-31.17	PASS

Test Graphs

