

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

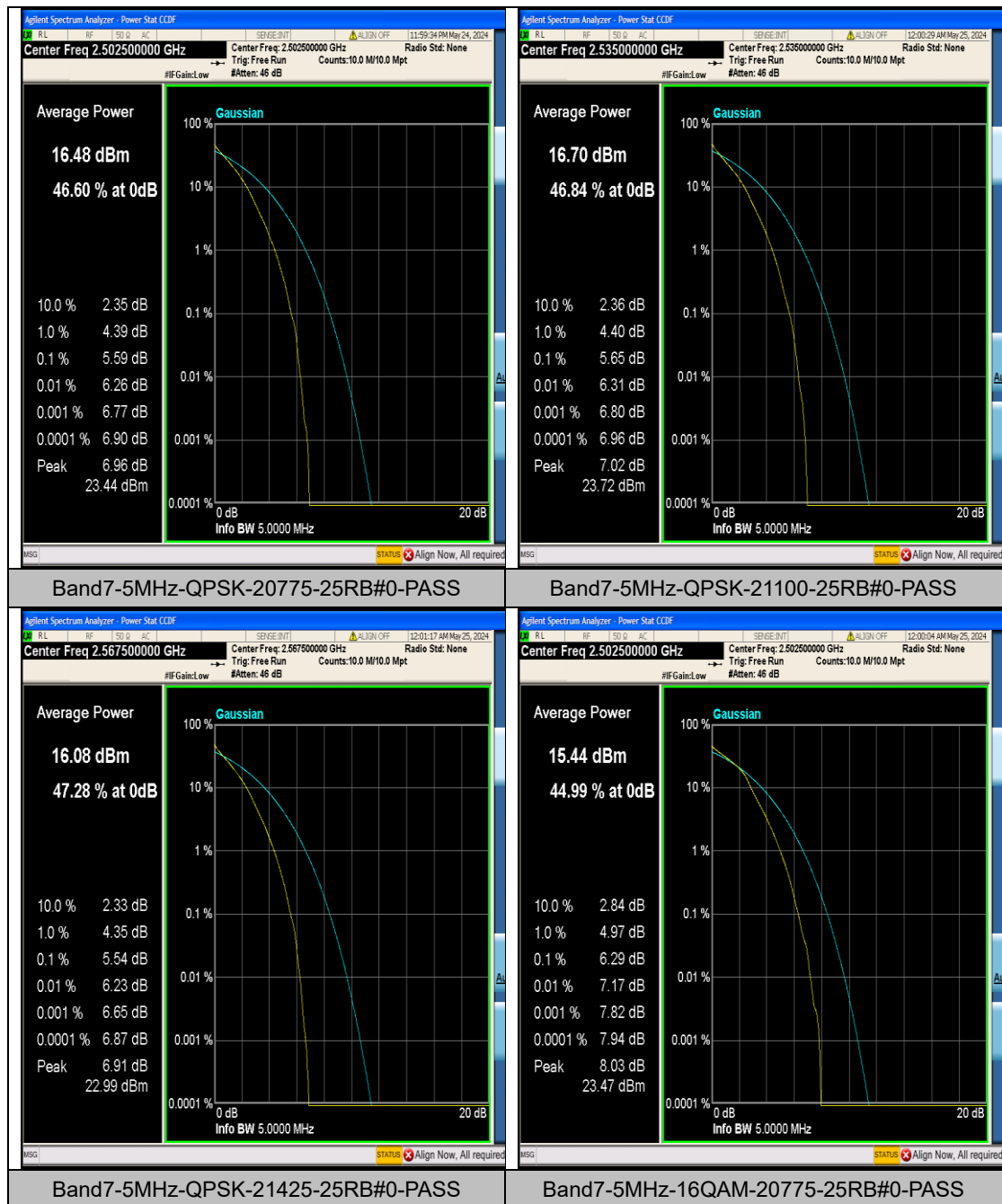
Reviewed By : Eric Wang

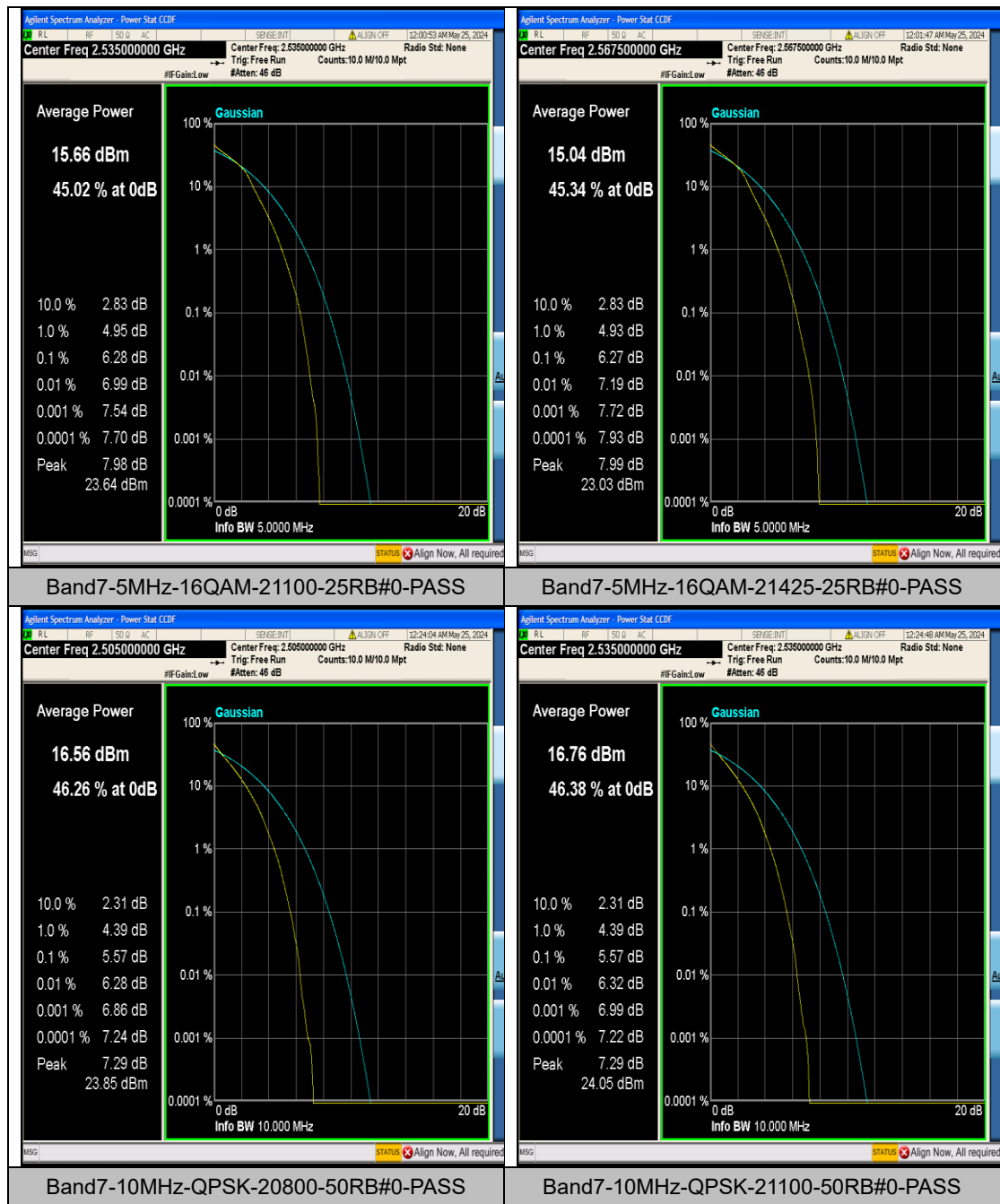
Appendix B: Peak-to-Average Ratio(CCDF)

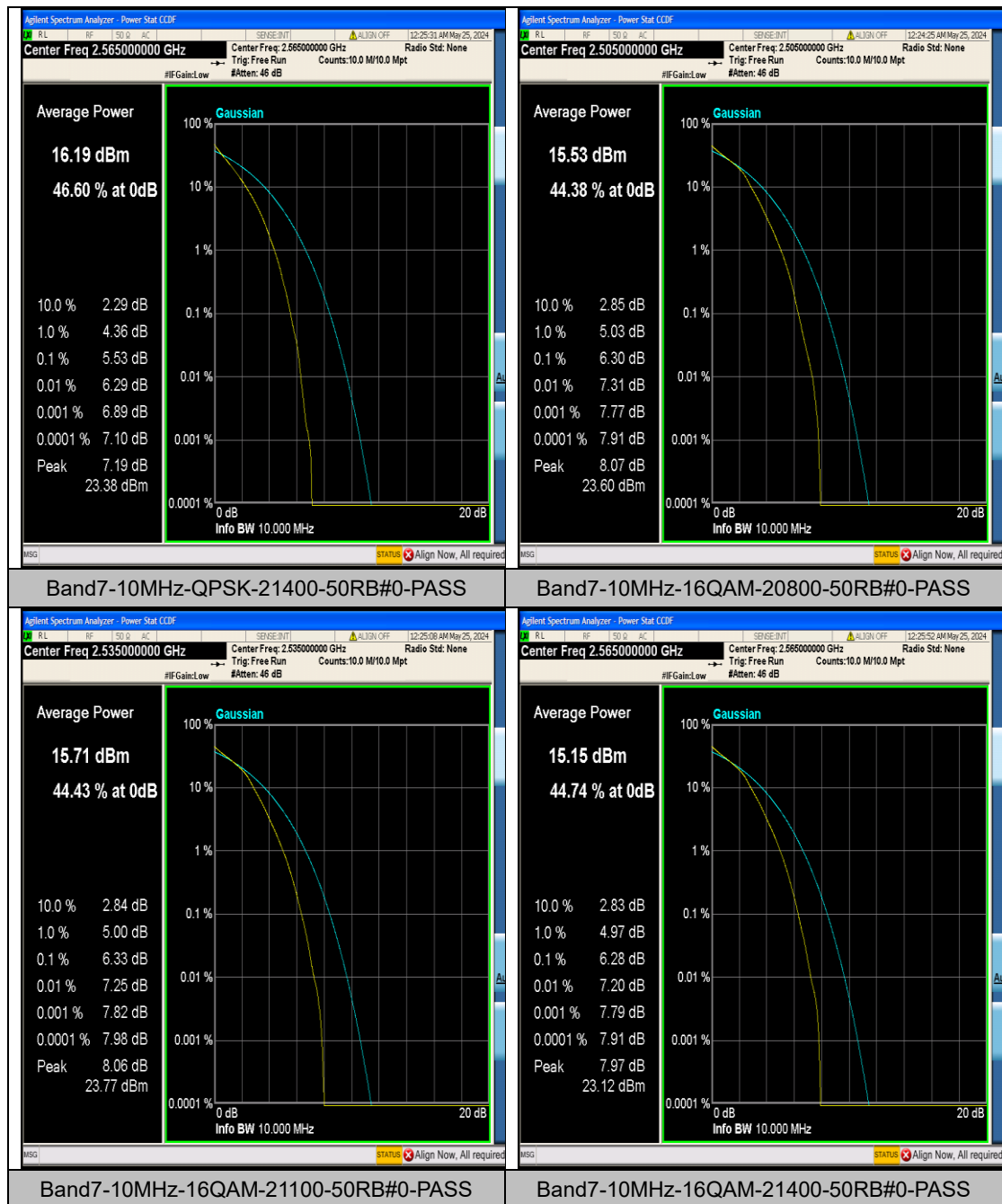
Test Result

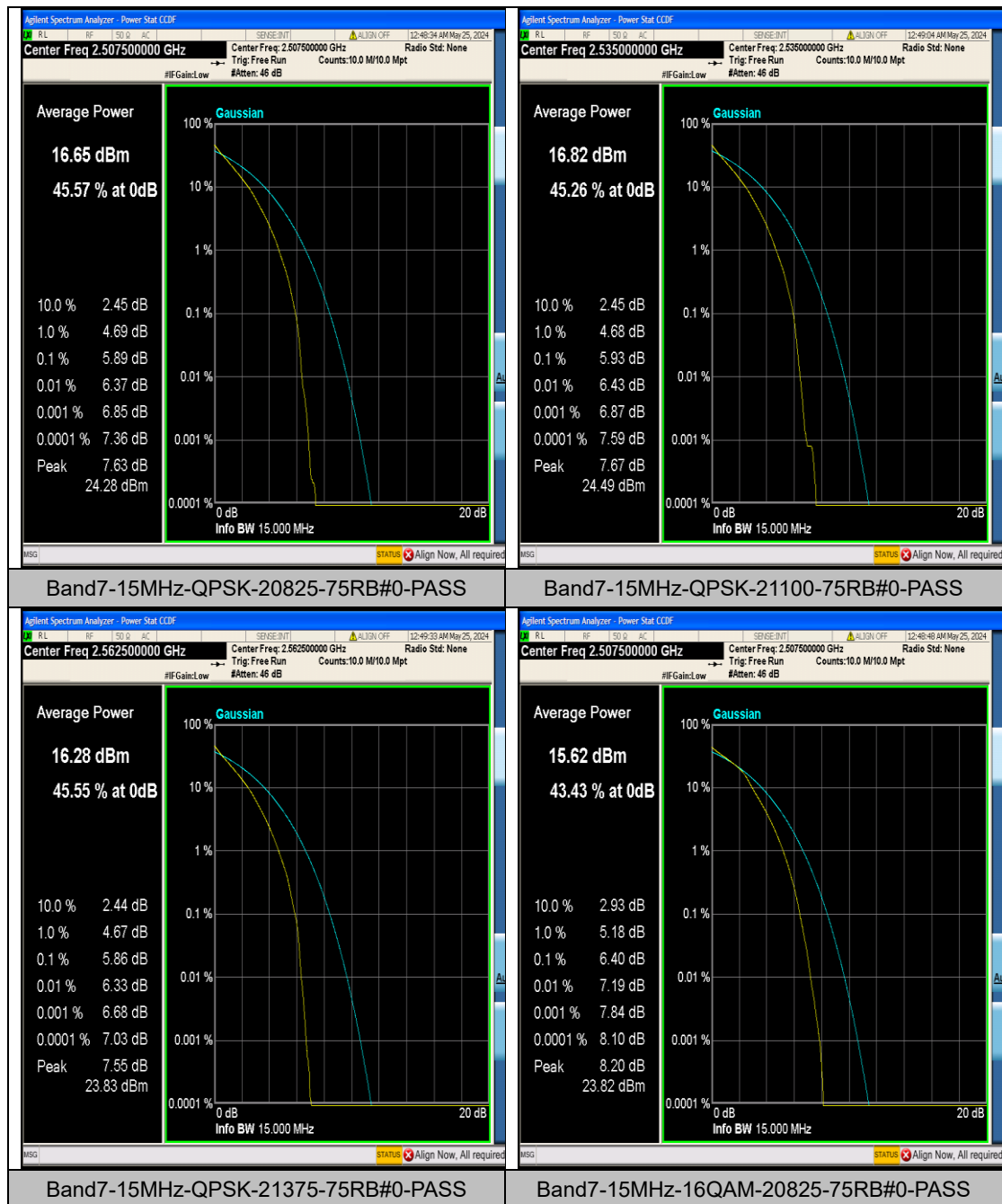
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.59	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.65	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.54	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.29	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.28	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.27	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.57	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.57	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.53	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.30	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.33	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.28	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.89	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.93	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.86	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.40	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.40	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.36	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.56	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.53	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.63	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.33	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.33	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.32	13	PASS

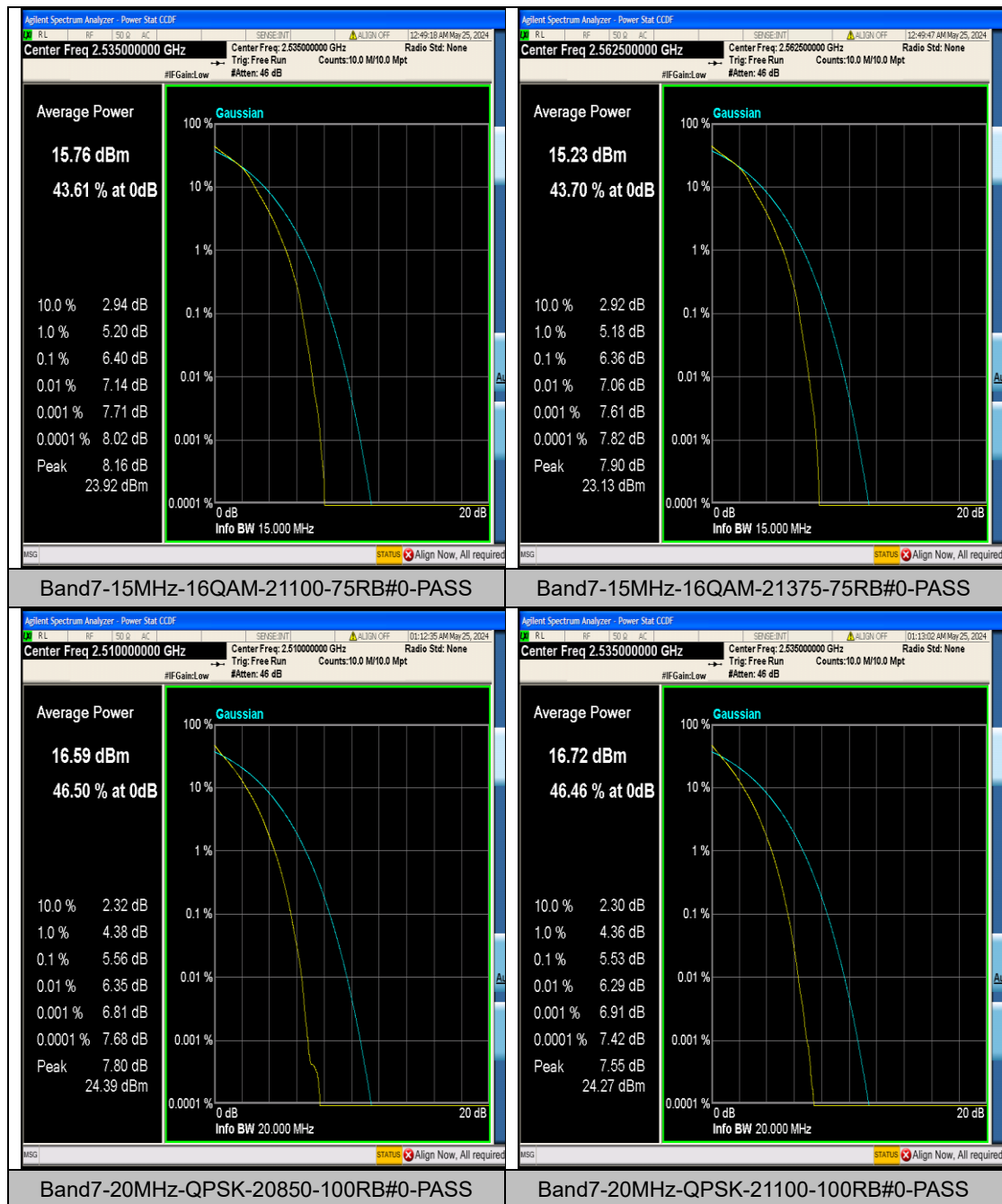
Test Graphs

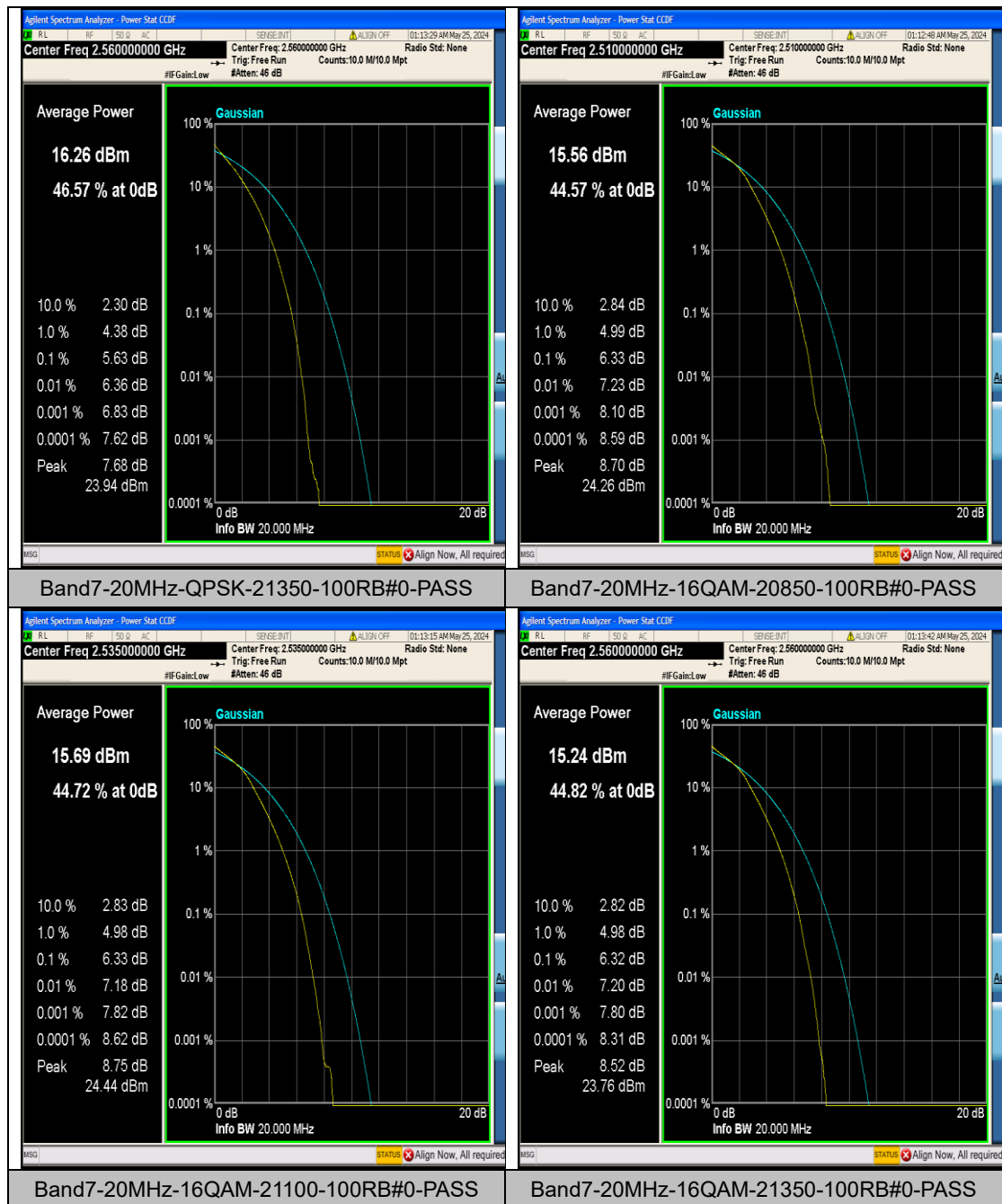










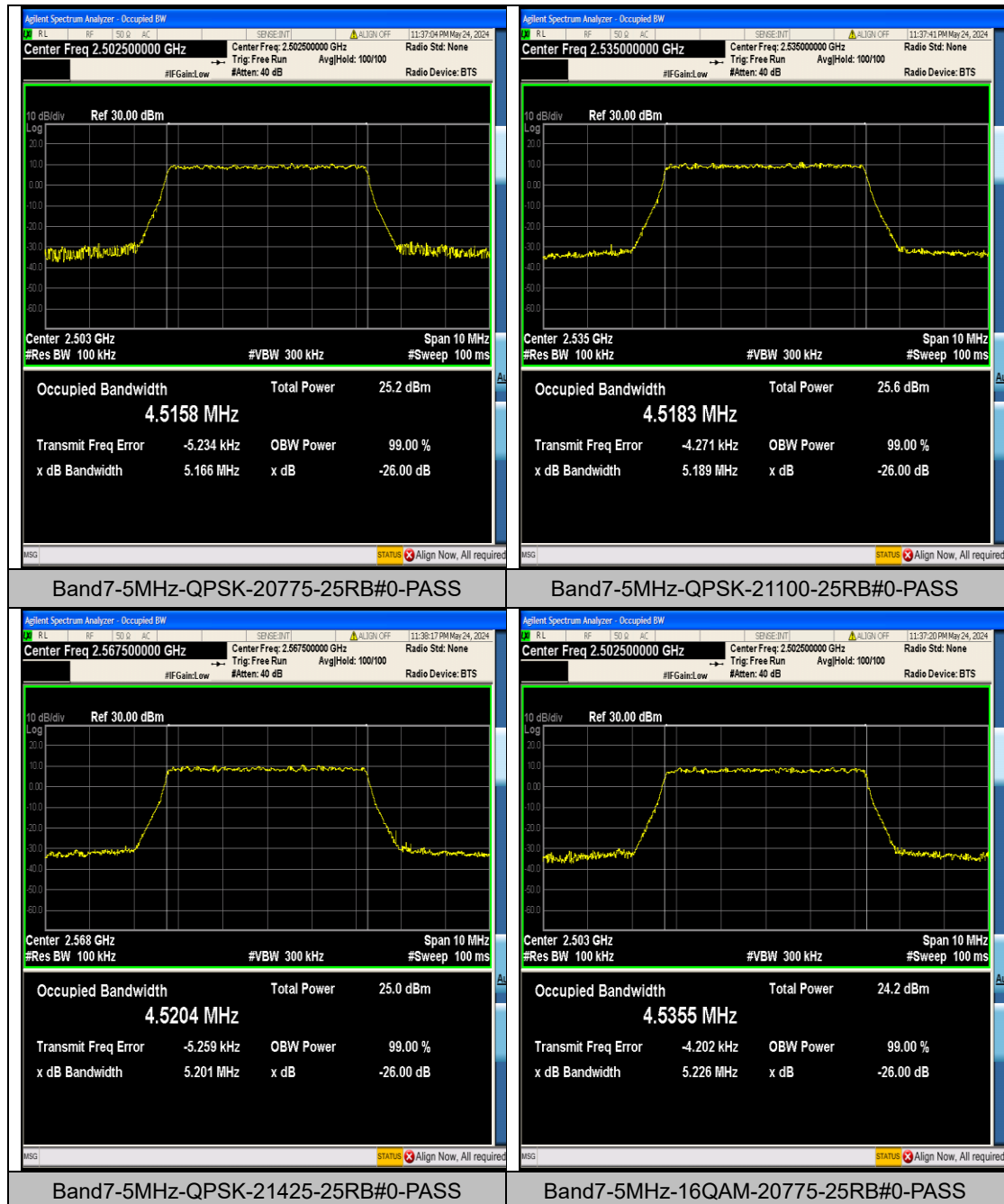


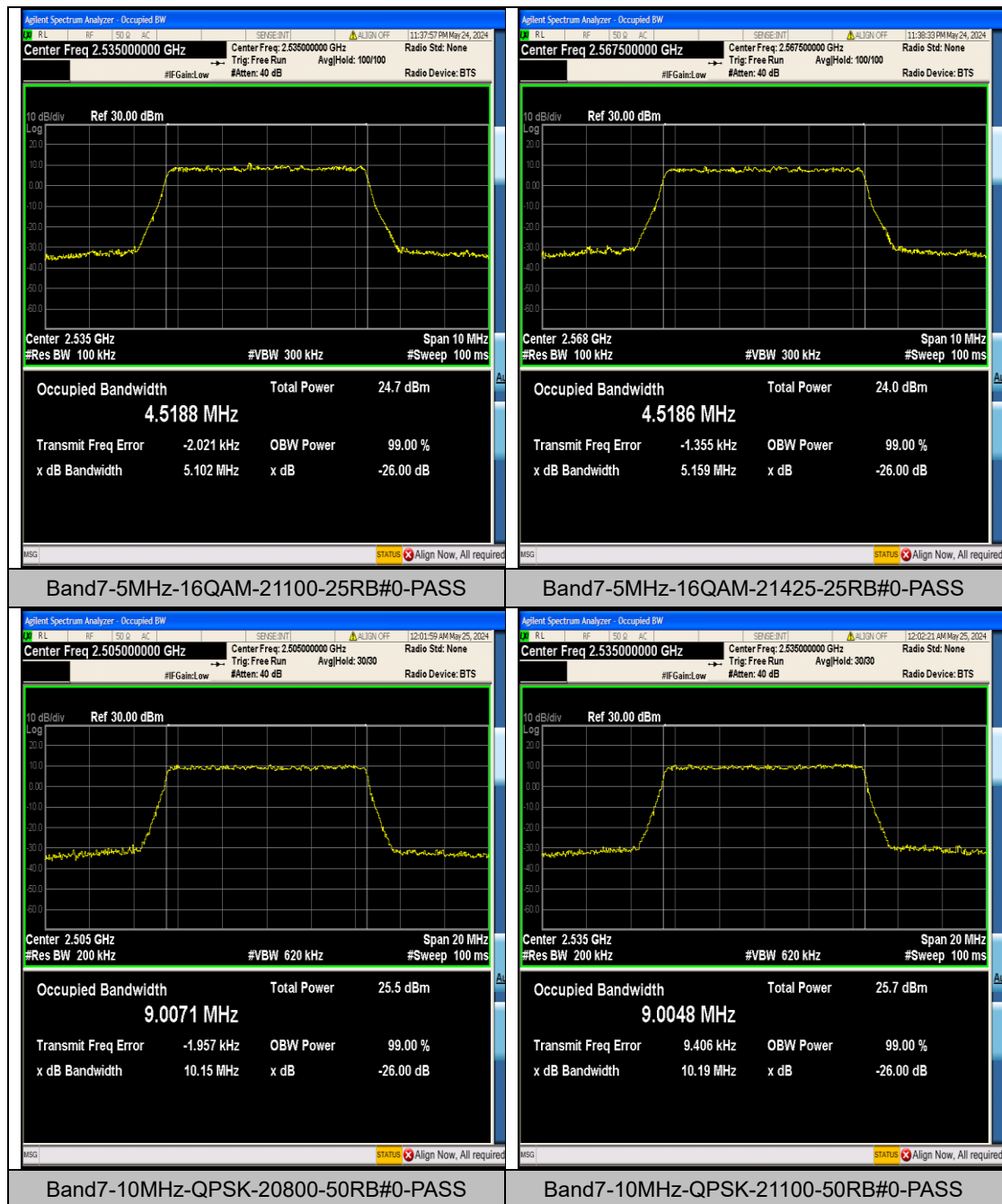
Appendix C: 26dB Bandwidth and Occupied Bandwidth

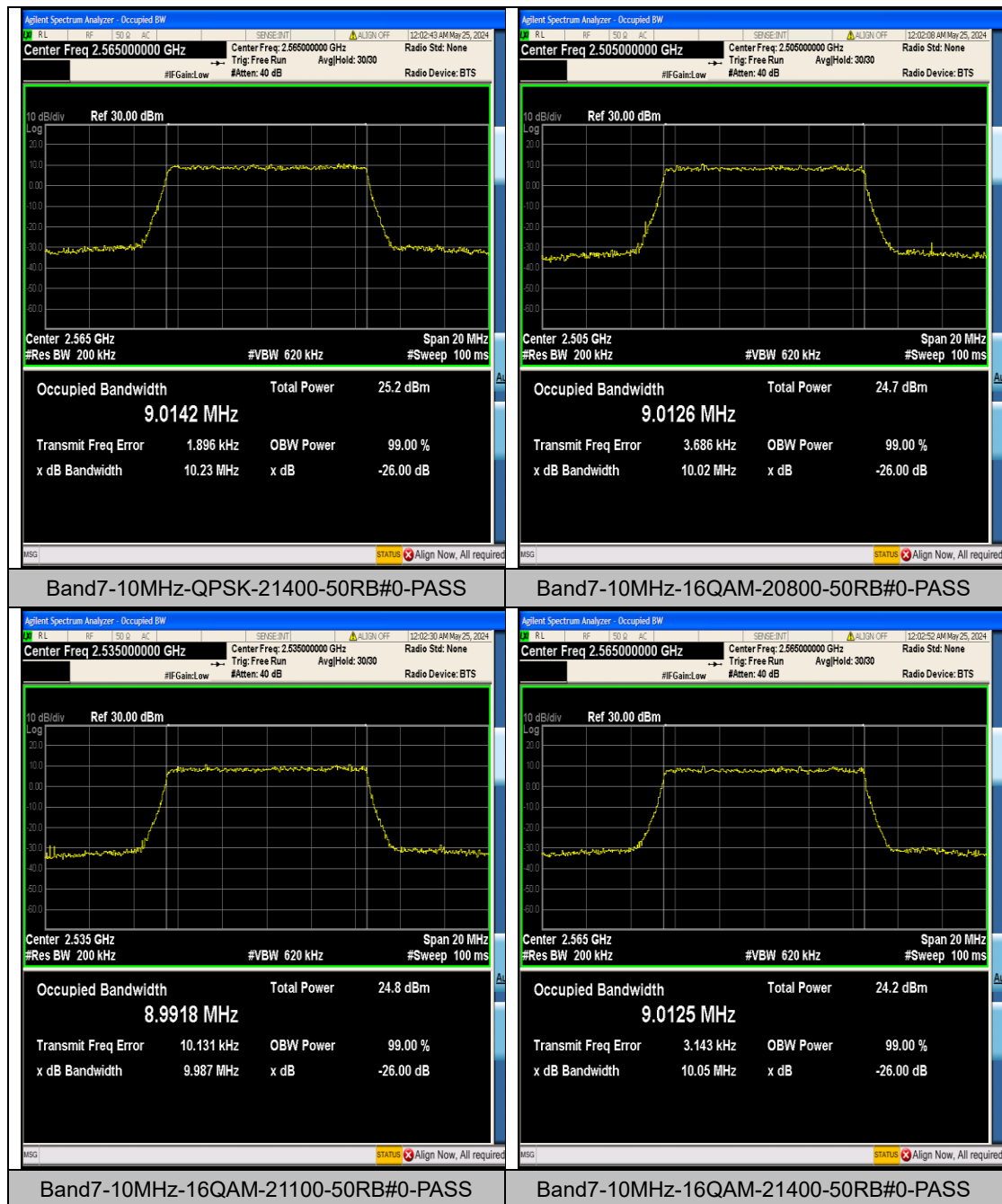
Test Result

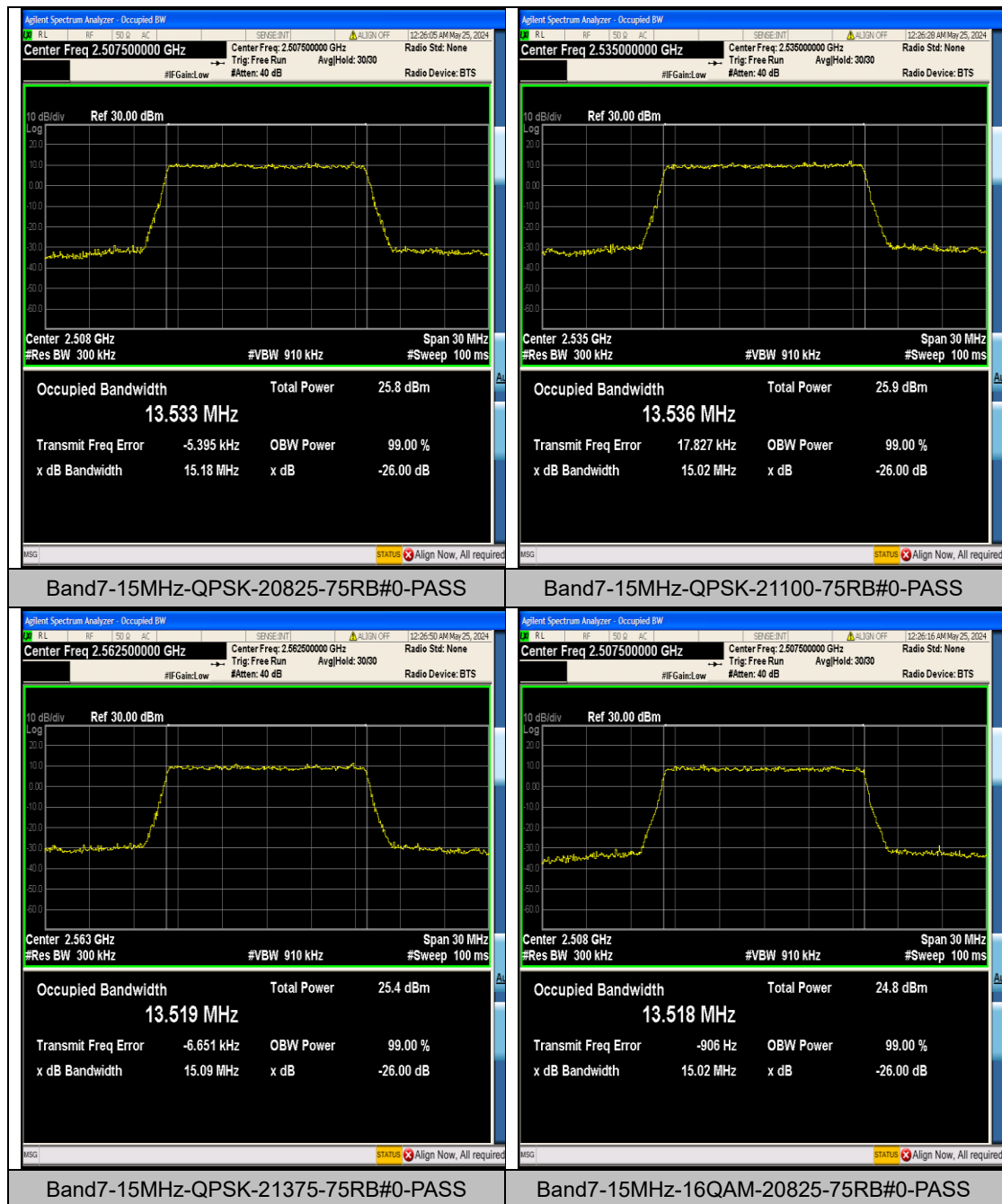
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5158	5.166	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5183	5.189	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5204	5.201	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5355	5.226	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5188	5.102	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5186	5.159	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0071	10.15	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0048	10.19	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0142	10.23	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0126	10.02	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9918	9.987	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0125	10.05	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.533	15.18	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.536	15.02	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.519	15.09	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.518	15.02	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.495	15.02	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.510	15.01	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.979	19.72	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.972	19.74	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.993	20.07	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.970	19.87	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.970	19.76	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.987	19.71	PASS

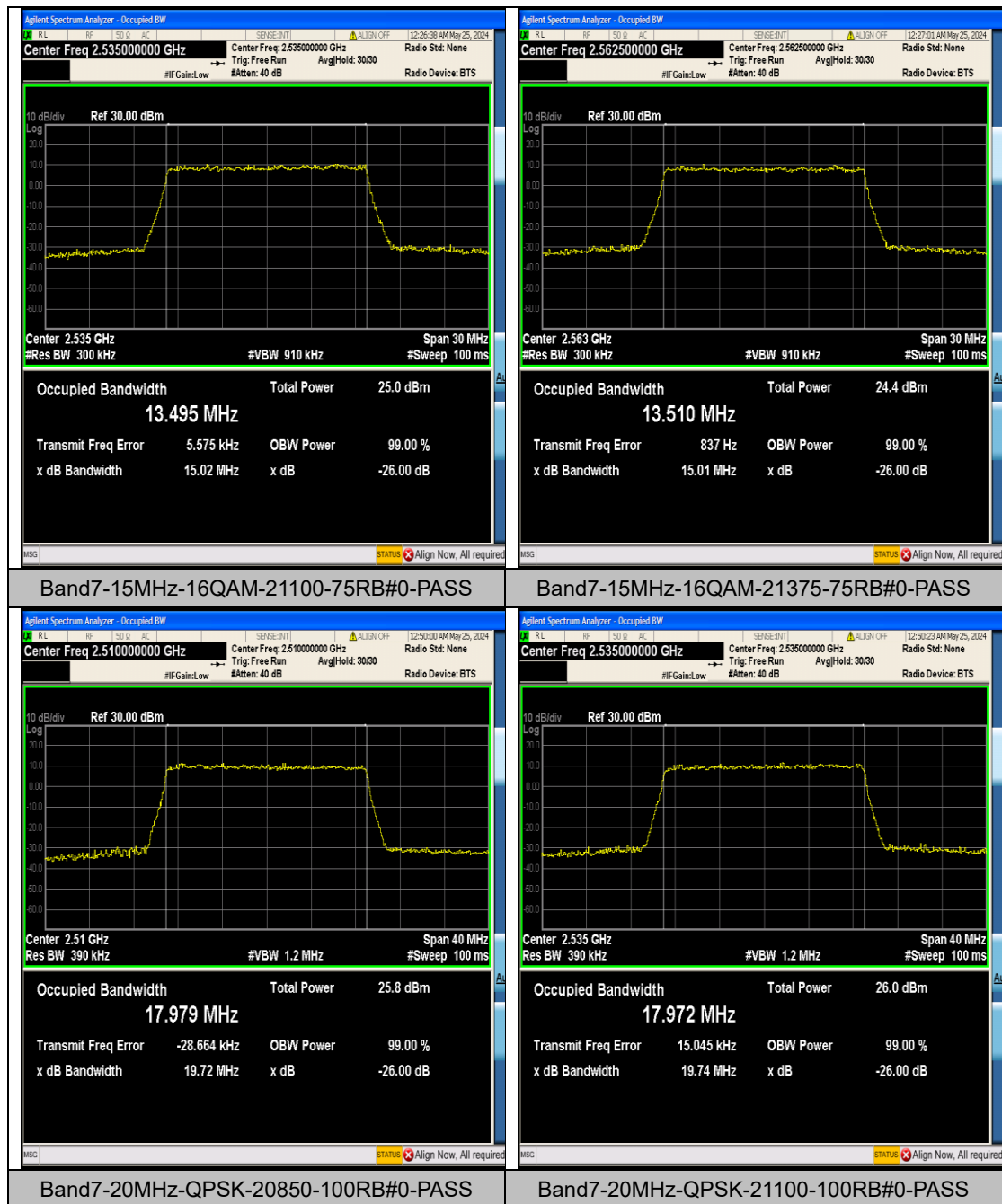
Test Graphs

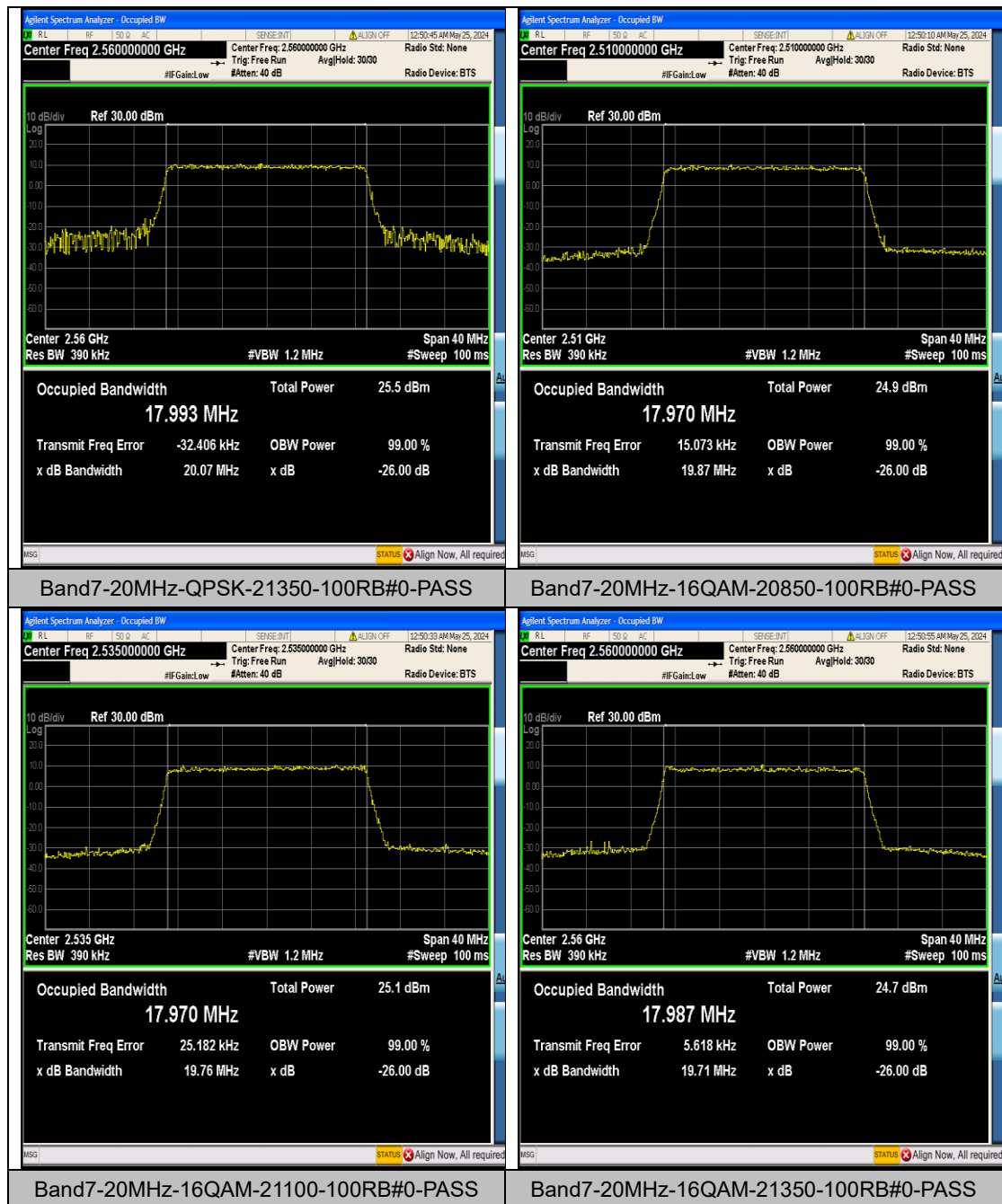










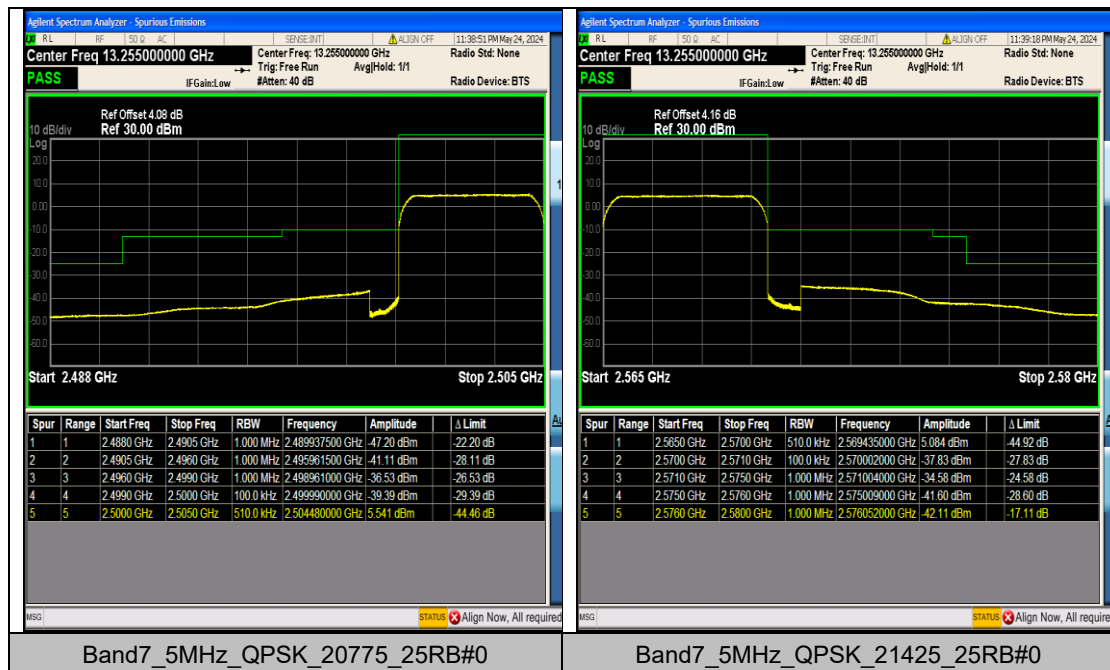


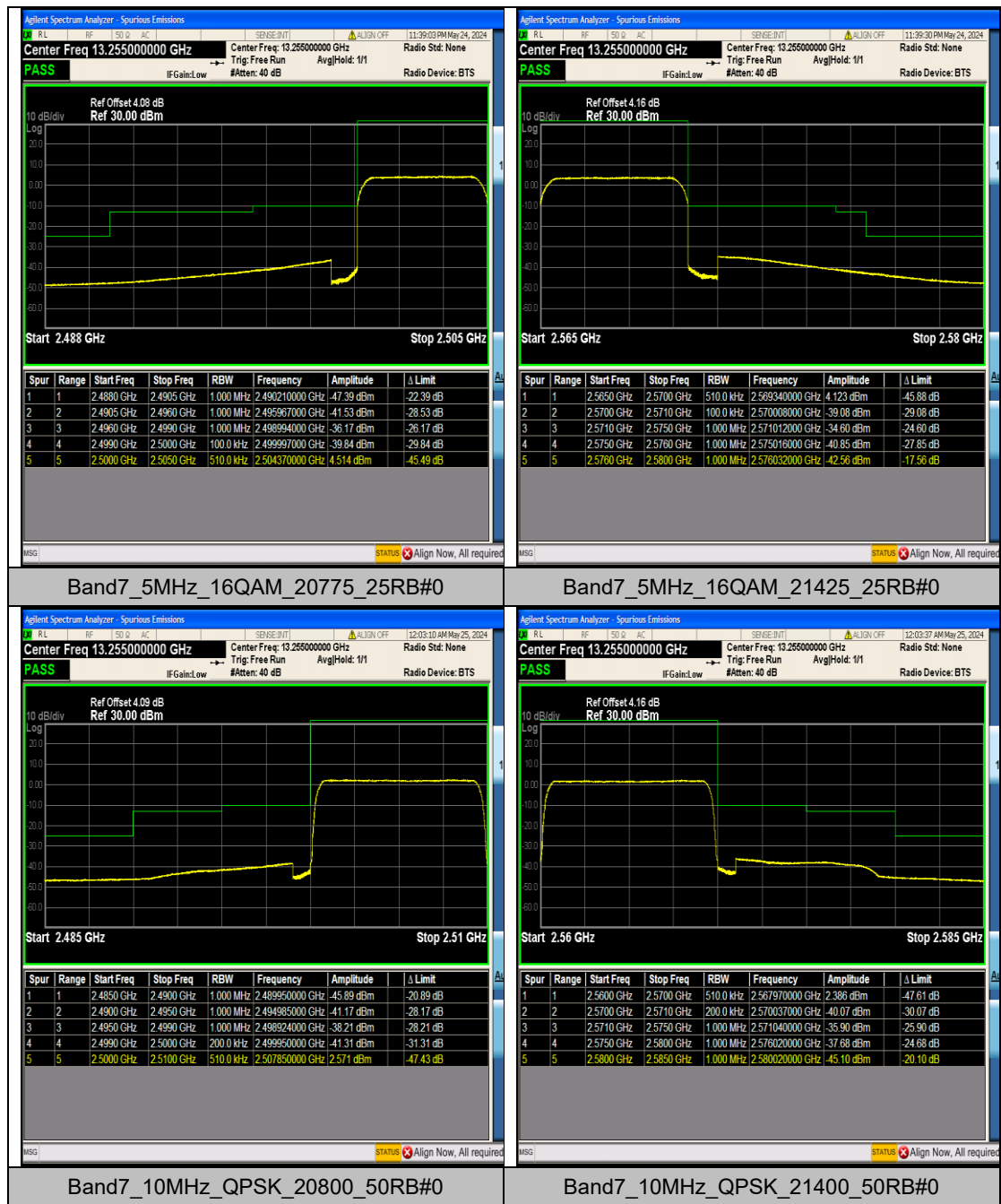
Appendix D: Band Edge

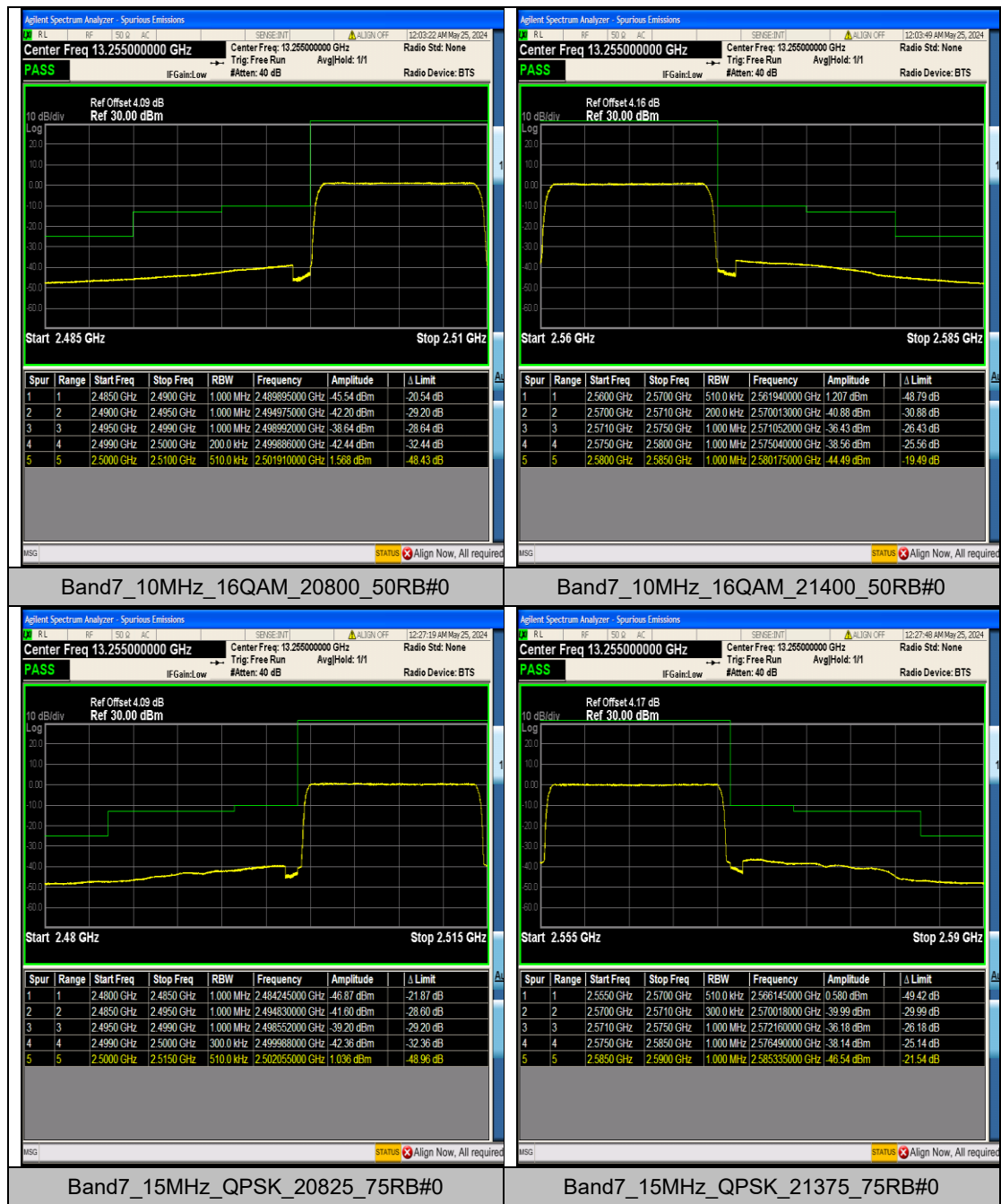
Test Result

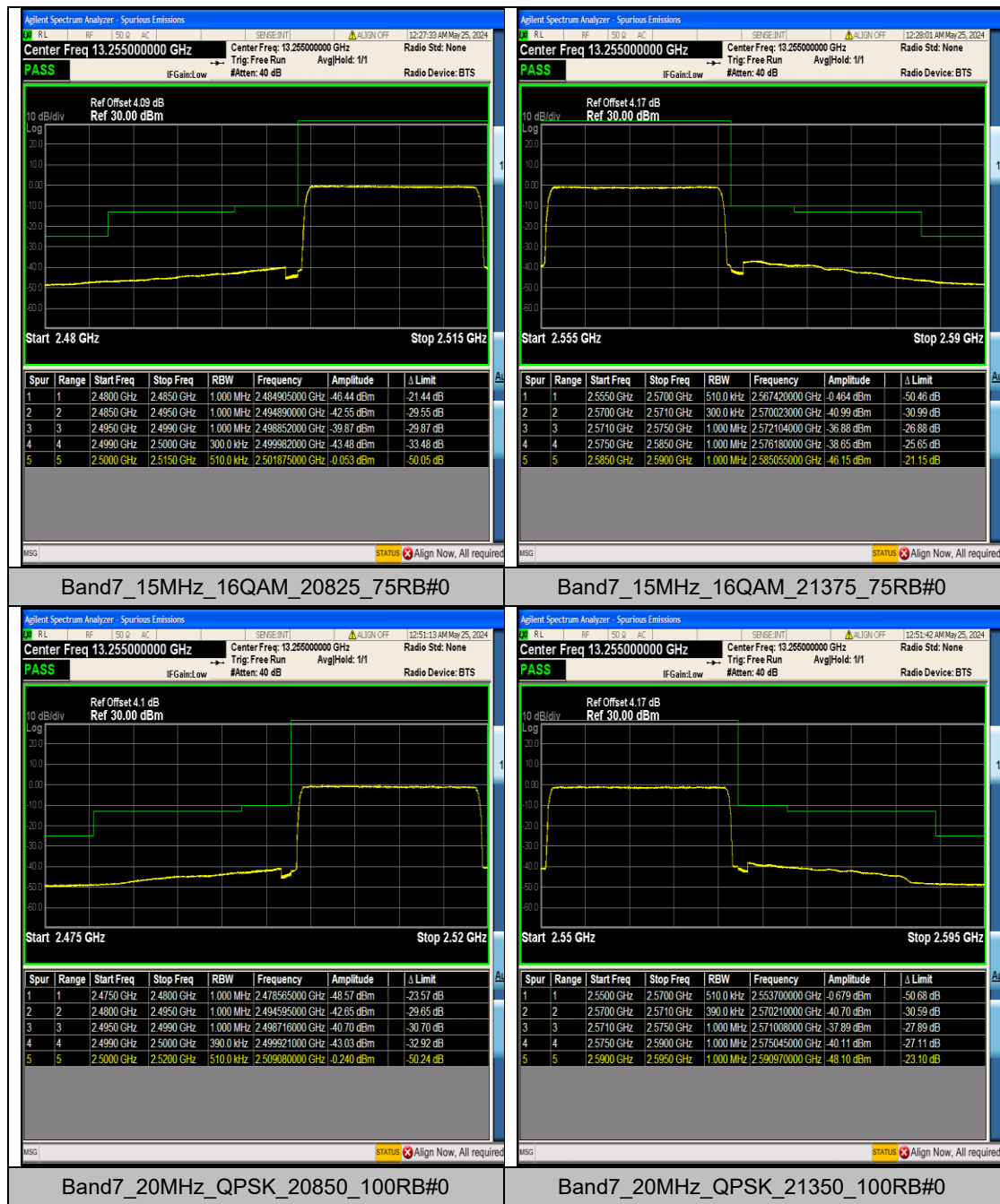
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-47.20	PASS
Band7	5MHz	QPSK	21425	25RB#0	-42.11	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.39	PASS
Band7	5MHz	16QAM	21425	25RB#0	-42.56	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.89	PASS
Band7	10MHz	QPSK	21400	50RB#0	-45.10	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.54	PASS
Band7	10MHz	16QAM	21400	50RB#0	-44.49	PASS
Band7	15MHz	QPSK	20825	75RB#0	-46.87	PASS
Band7	15MHz	QPSK	21375	75RB#0	-46.54	PASS
Band7	15MHz	16QAM	20825	75RB#0	-46.44	PASS
Band7	15MHz	16QAM	21375	75RB#0	-46.15	PASS
Band7	20MHz	QPSK	20850	100RB#0	-48.57	PASS
Band7	20MHz	QPSK	21350	100RB#0	-48.10	PASS
Band7	20MHz	16QAM	20850	100RB#0	-48.55	PASS
Band7	20MHz	16QAM	21350	100RB#0	-47.93	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	-70.51	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-67.06	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-66.39	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-45.81	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-39.53	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-71.79	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-69.42	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-66.42	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-43.43	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-39.62	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-73.22	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-67.16	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-66.62	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-44.87	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-39.57	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-76.01	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-66.72	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-66.87	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-46.13	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-39.62	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-73.88	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-69.62	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-66.59	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-45.22	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-39.63	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-75.57	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-70.10	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-66.71	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-46.22	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-39.80	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-69.78	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-69.76	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-66.68	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-45.97	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-39.52	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-74.91	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-69.87	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-66.76	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-46.25	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-39.29	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-75.08	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-68.95	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-66.77	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-46.43	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-39.68	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-74.17	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-69.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-66.86	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-46.20	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-39.38	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-71.49	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-67.06	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-66.50	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-46.11	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-39.56	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-74.91	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-68.21	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-66.59	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-46.01	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-39.83	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-76.32	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-67.89	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-66.80	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-46.03	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-39.74	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-72.38	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-68.29	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-66.46	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-46.44	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-39.73	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-72.58	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-67.59	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-66.64	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-46.27	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-39.41	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-73.21	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-68.44	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-66.21	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-46.36	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-39.11	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-70.47	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-68.44	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-66.56	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-46.25	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-39.67	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-75.43	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-68.26	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-66.86	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-46.33	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-39.68	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-73.35	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-66.45	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-66.45	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-45.90	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-39.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-73.53	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-68.95	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-66.67	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-46.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-39.61	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-73.62	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-69.56	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-66.80	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-45.91	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-39.65	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-73.47	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-68.80	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-66.81	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-45.65	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-39.44	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-73.19	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-68.13	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-66.61	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-45.94	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-39.97	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-74.87	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-71.51	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-66.82	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-46.35	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-39.57	PASS

Test Graphs

