

FCC Appendix RF Test Data for LTE Band 7

FCC ID : 2BRHB-M8

Company : Shenzhen SelectCam Technology Co., Ltd.

EUT : MDVR

Model Number : M8

Report No. : CTA25103100102

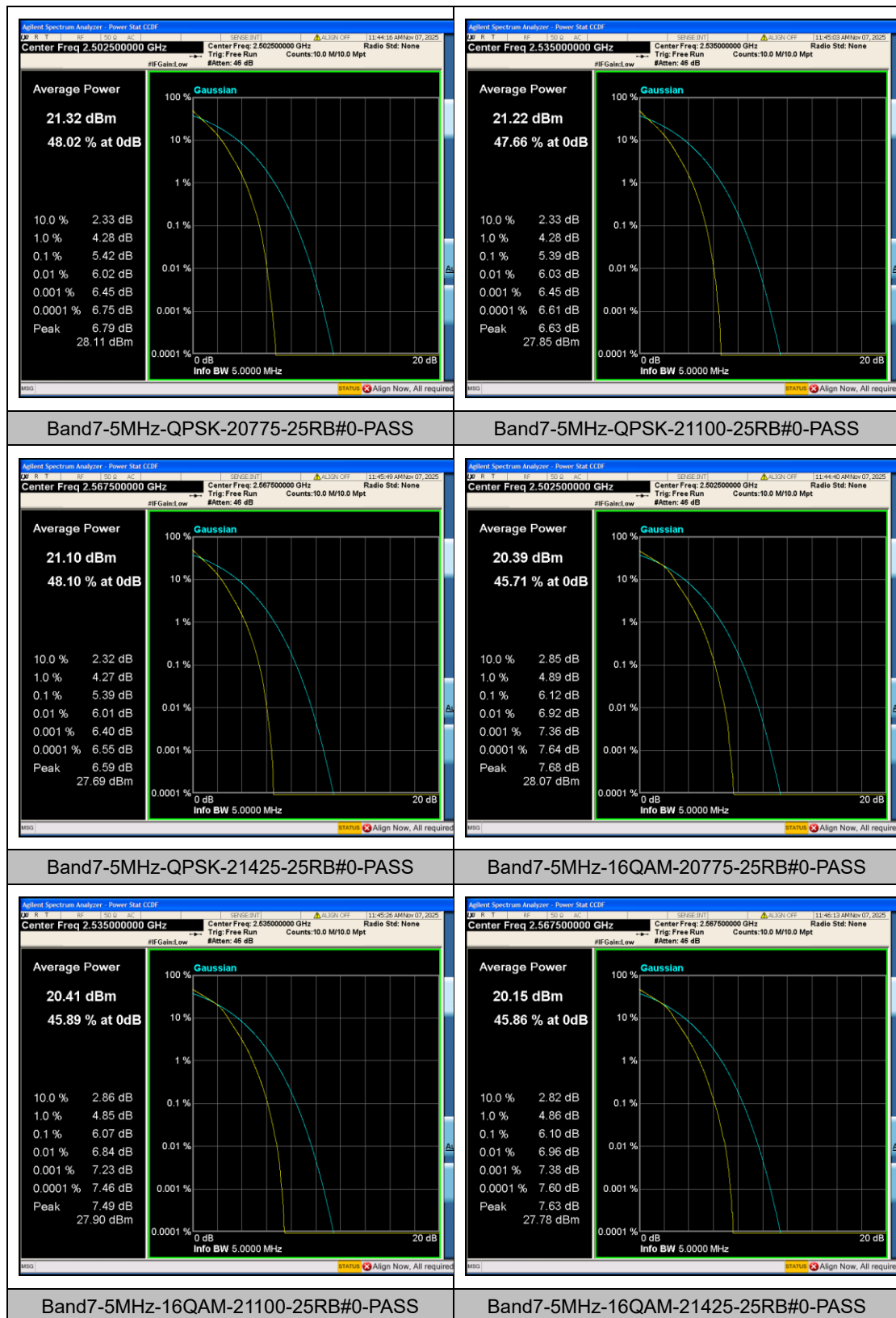
Reviewed By : Eric Wang

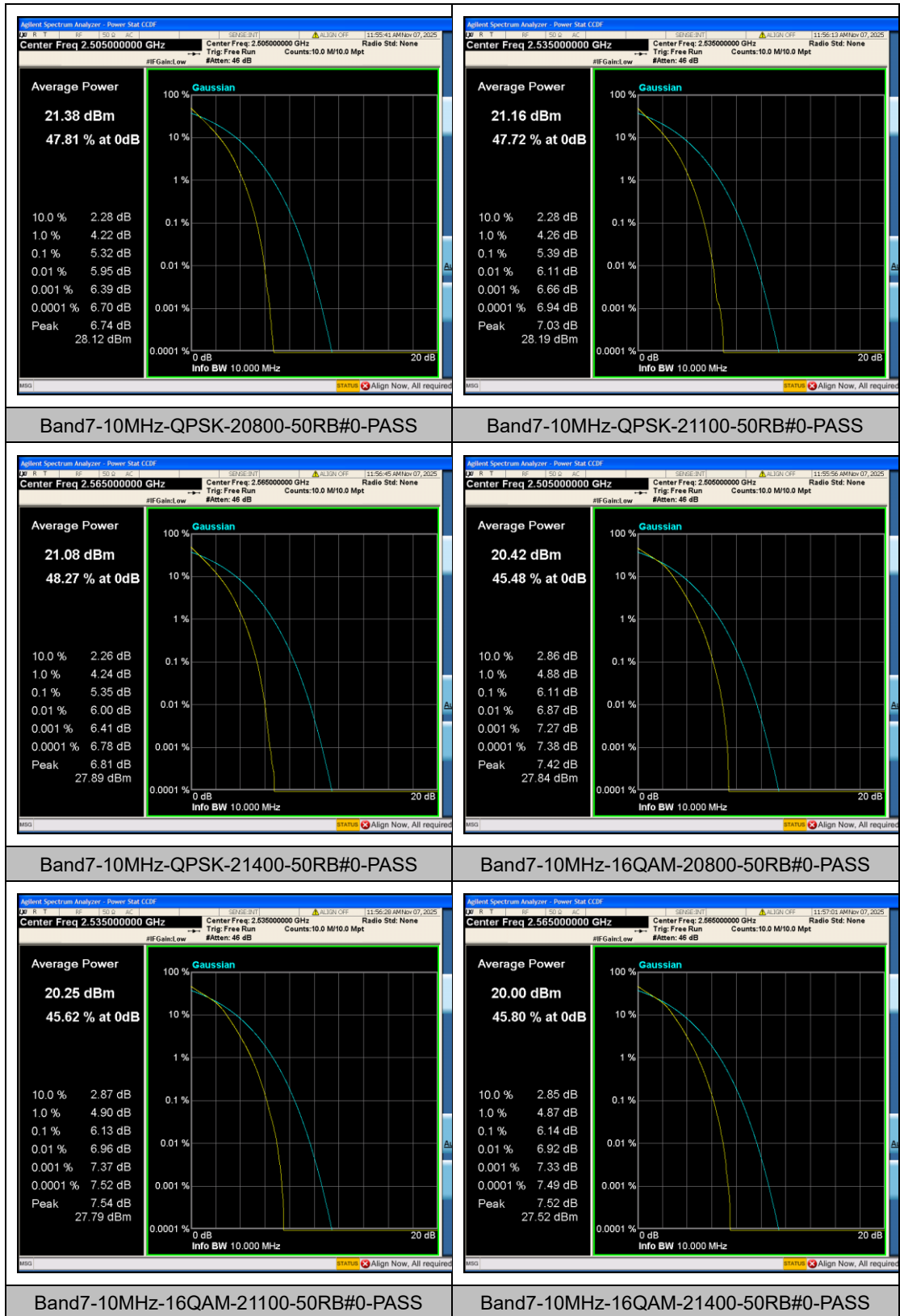
Appendix B: Peak-to-Average Ratio(CCDF)

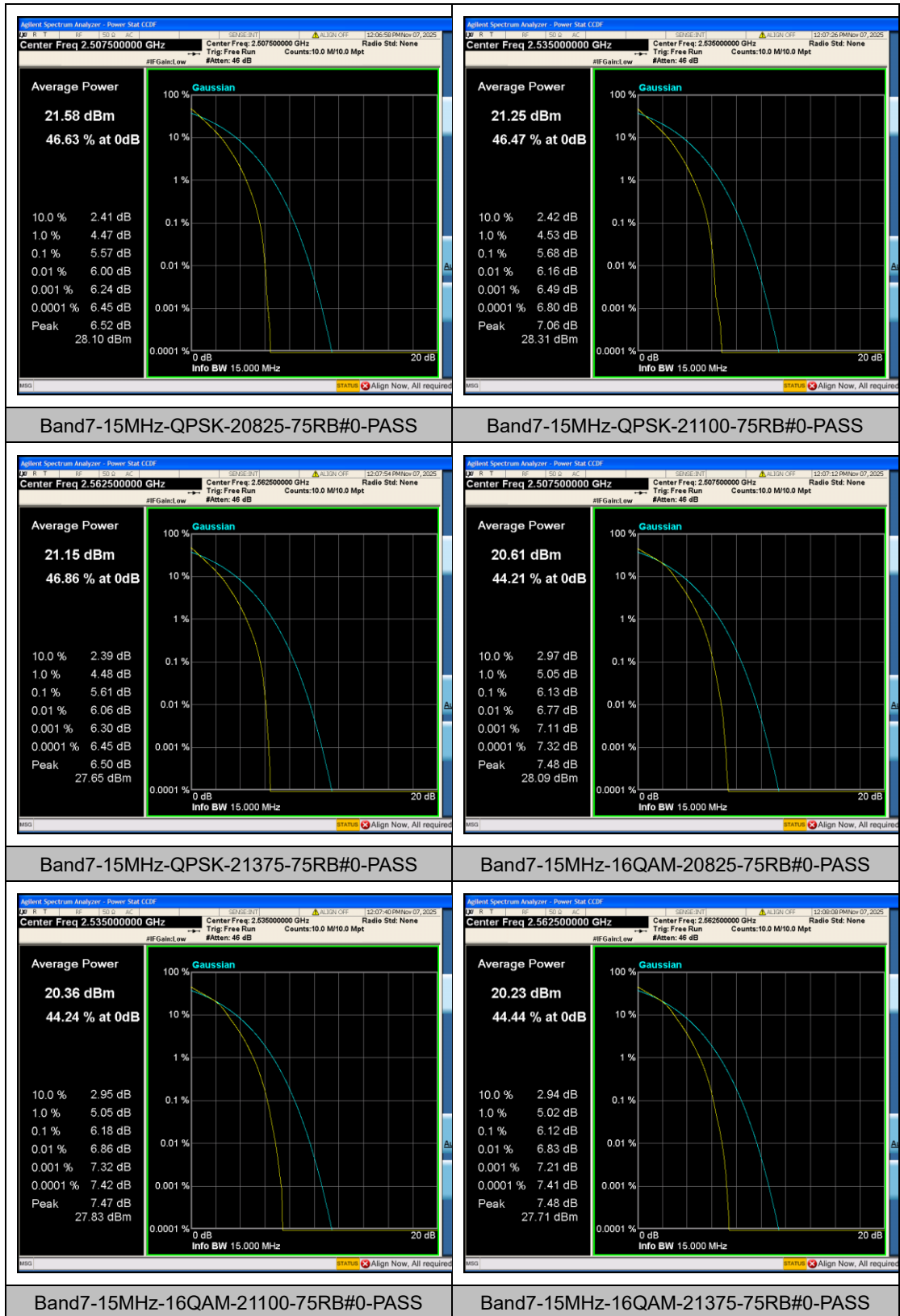
Test Result

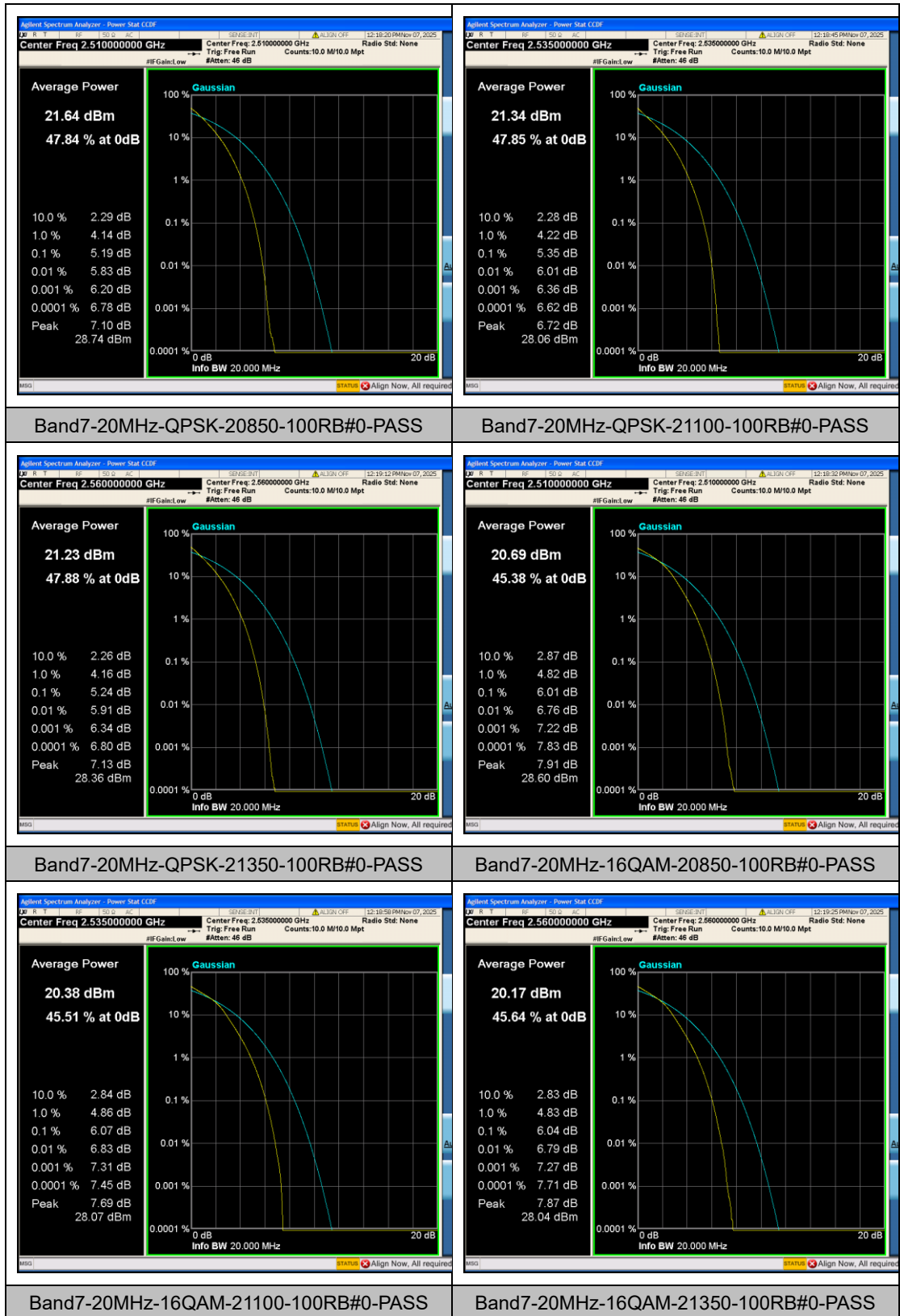
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.42	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.39	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.39	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.12	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.07	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.10	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.32	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.39	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.35	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.11	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.13	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.14	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.57	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.68	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.61	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.13	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.18	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.12	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.19	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.35	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.24	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.01	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.07	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.04	13	PASS

Test Graphs







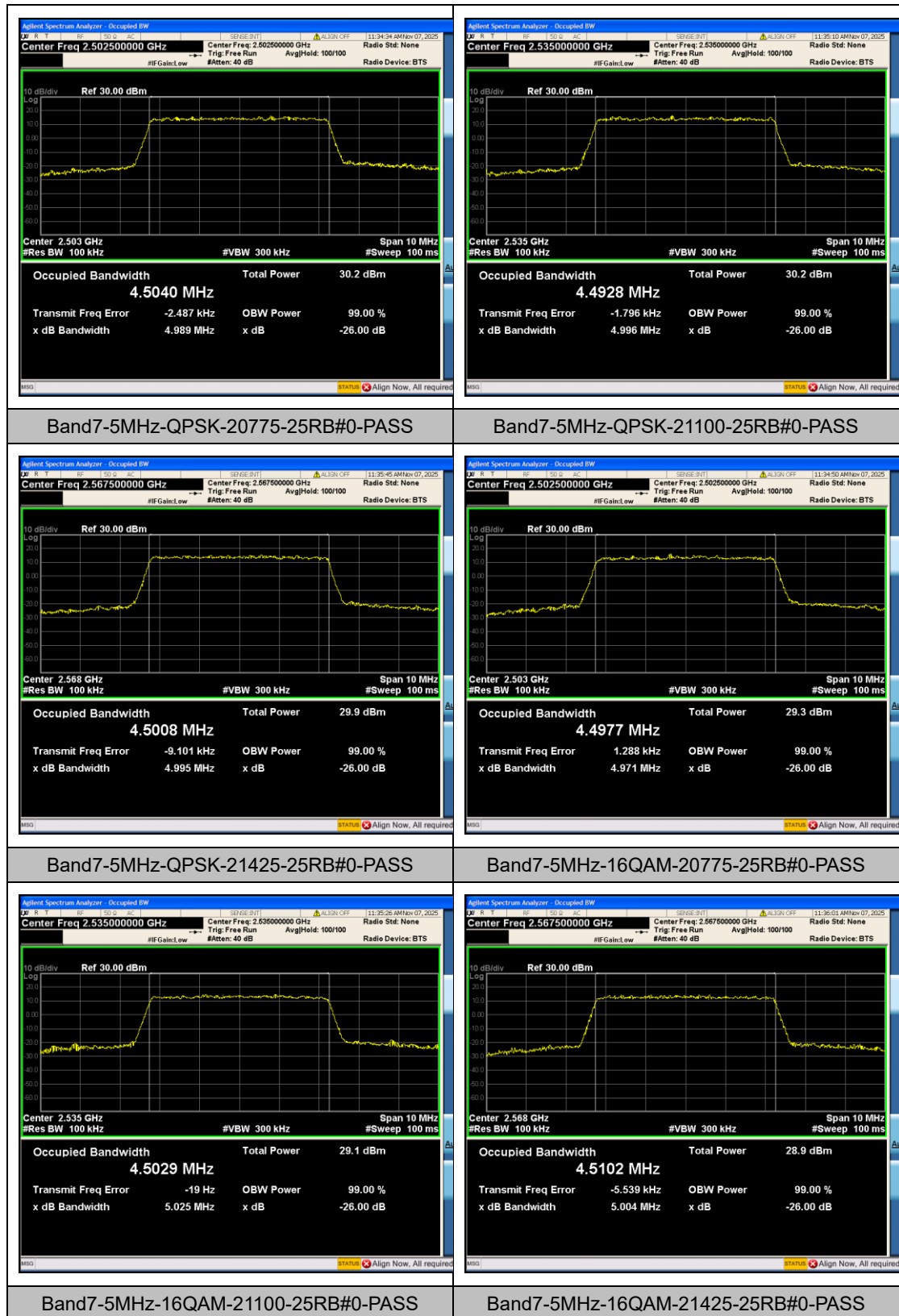


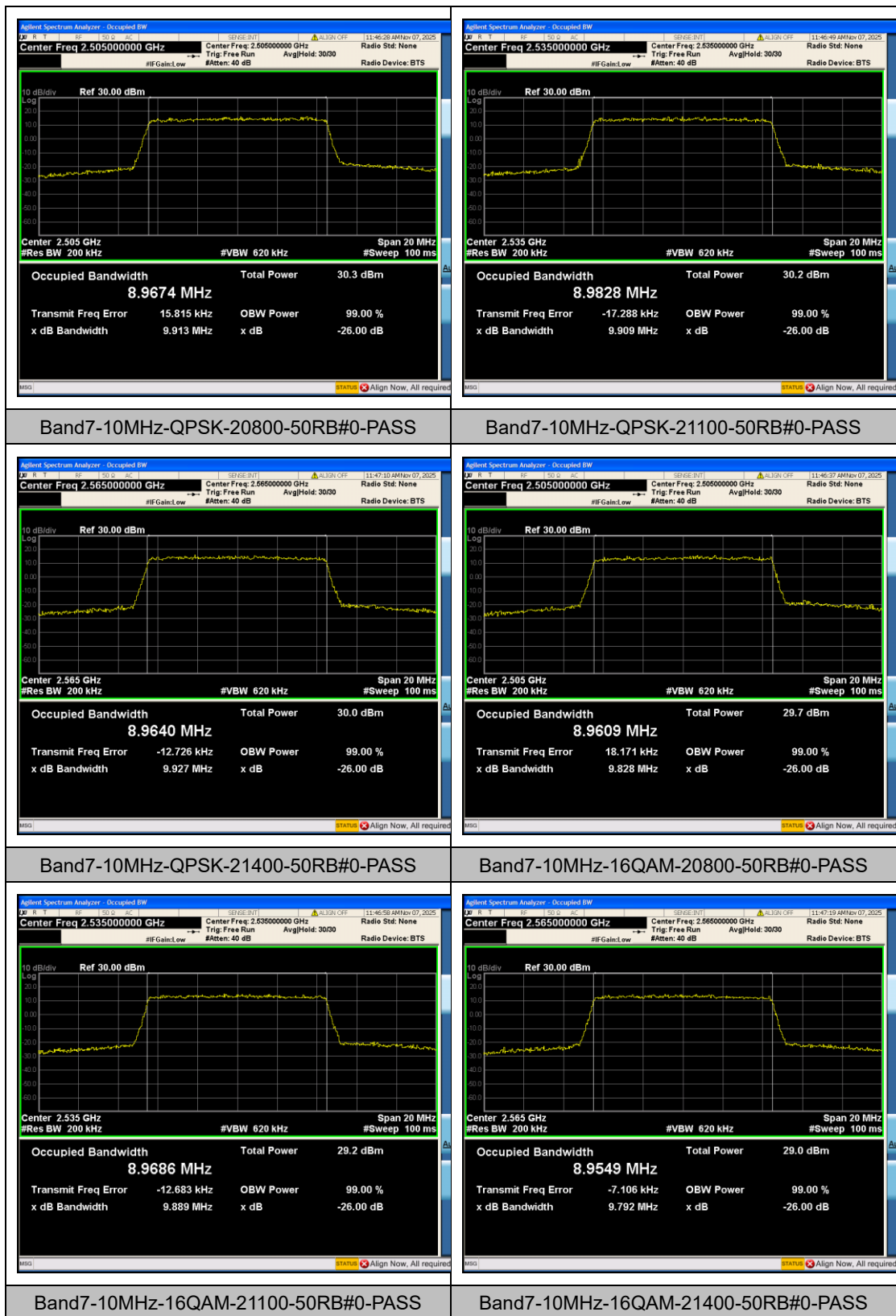
Appendix C: 26dB Bandwidth and Occupied Bandwidth

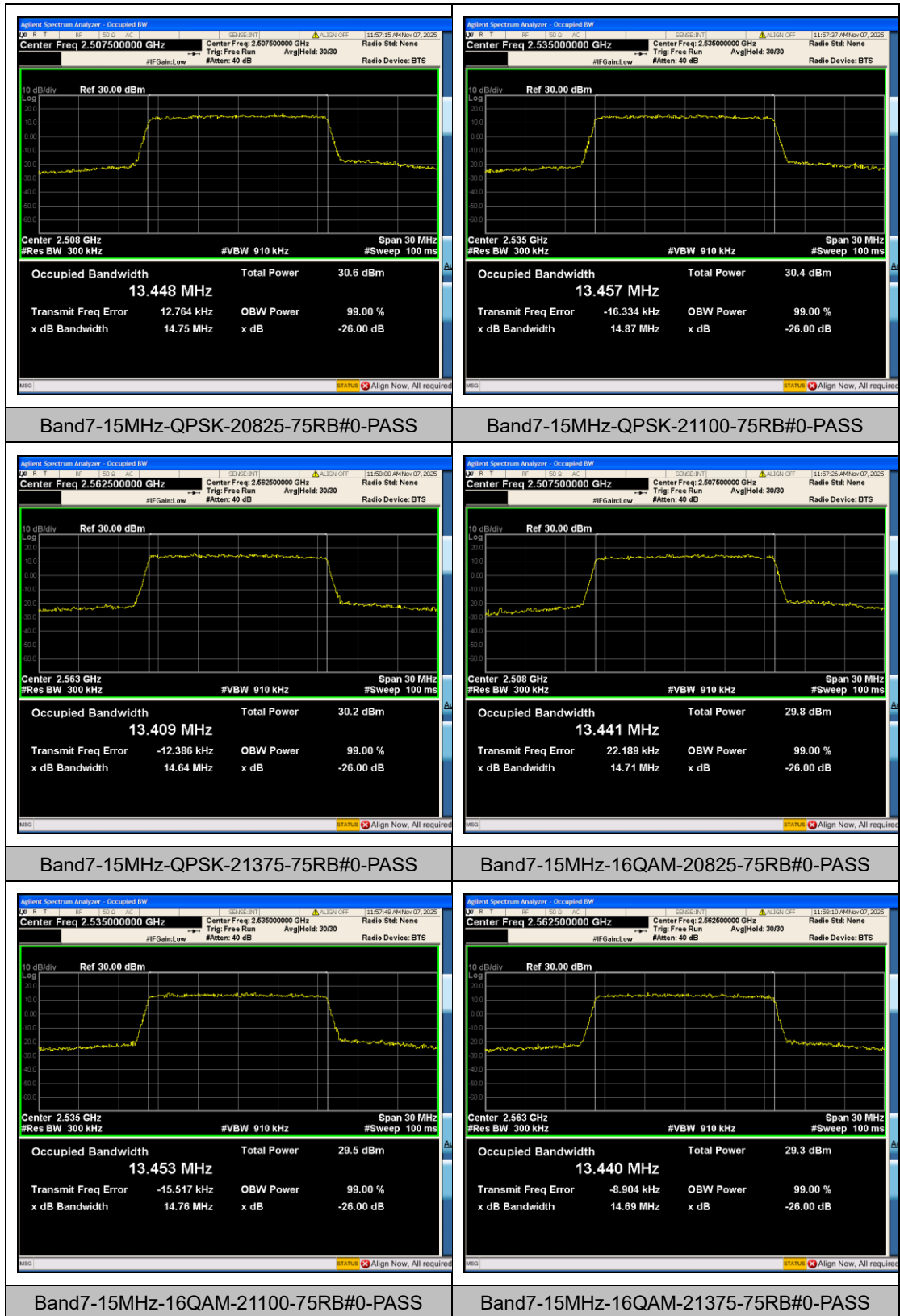
Test Result

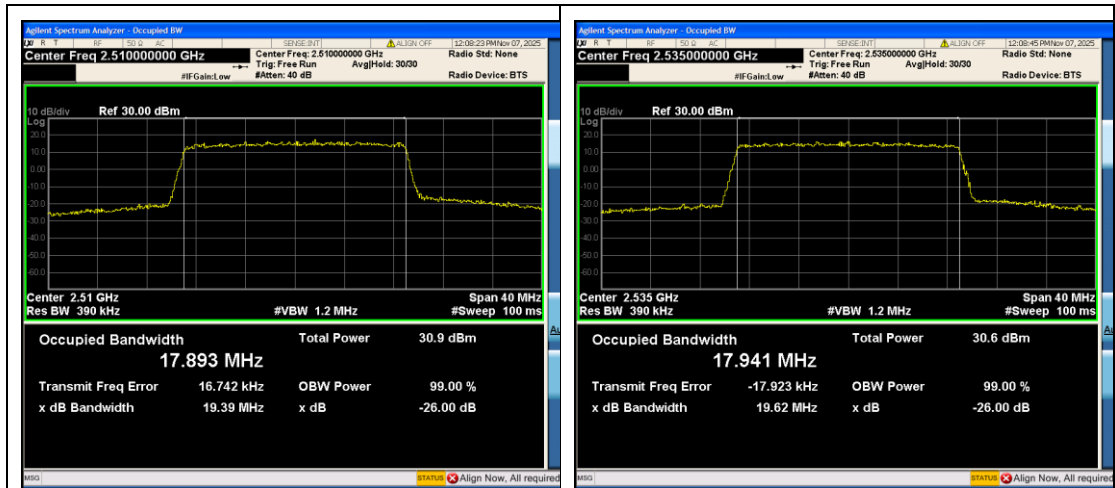
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5040	4.989	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4928	4.996	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5008	4.995	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4977	4.971	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5029	5.025	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5102	5.004	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9674	9.913	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9828	9.909	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9640	9.927	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9609	9.828	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9686	9.889	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9549	9.792	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.448	14.75	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.87	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.409	14.64	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.441	14.71	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.453	14.76	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.440	14.69	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.893	19.39	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.941	19.62	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.916	19.42	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.938	19.44	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.912	19.42	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.922	19.49	PASS

Test Graphs









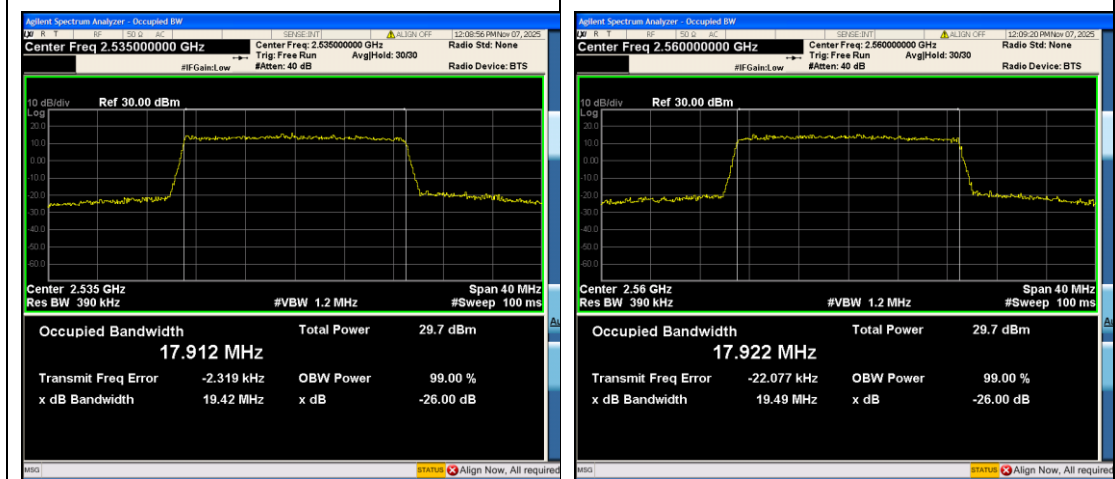
Band7-20MHz-QPSK-20850-100RB#0-PASS

Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS

Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS

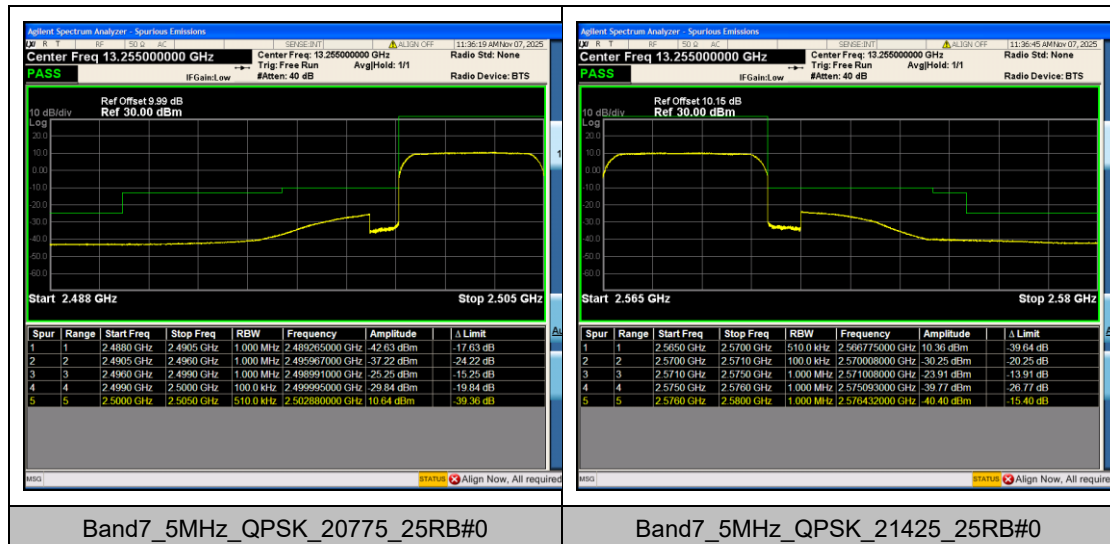
Band7-20MHz-16QAM-21350-100RB#0-PASS

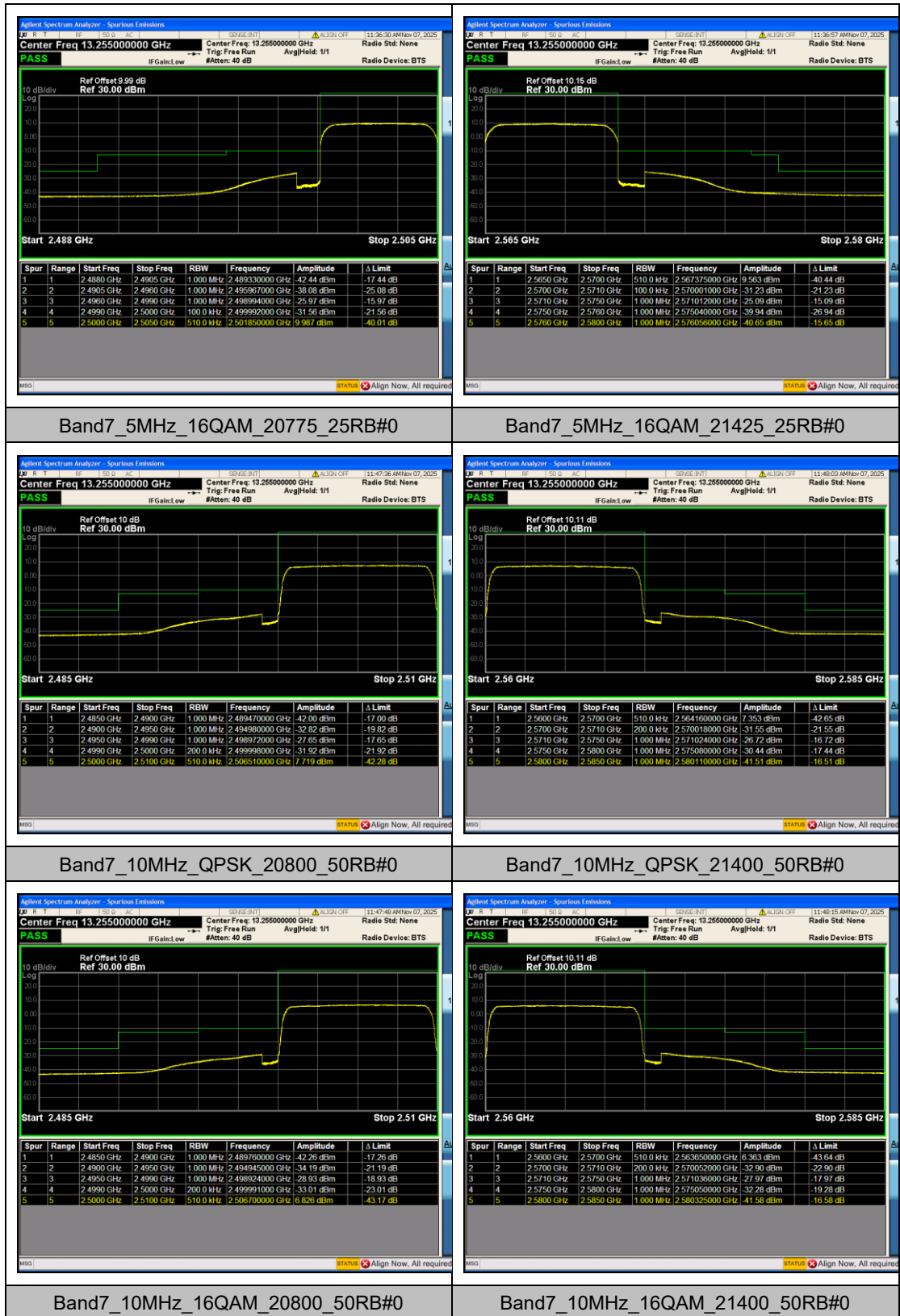
Appendix D: Band Edge

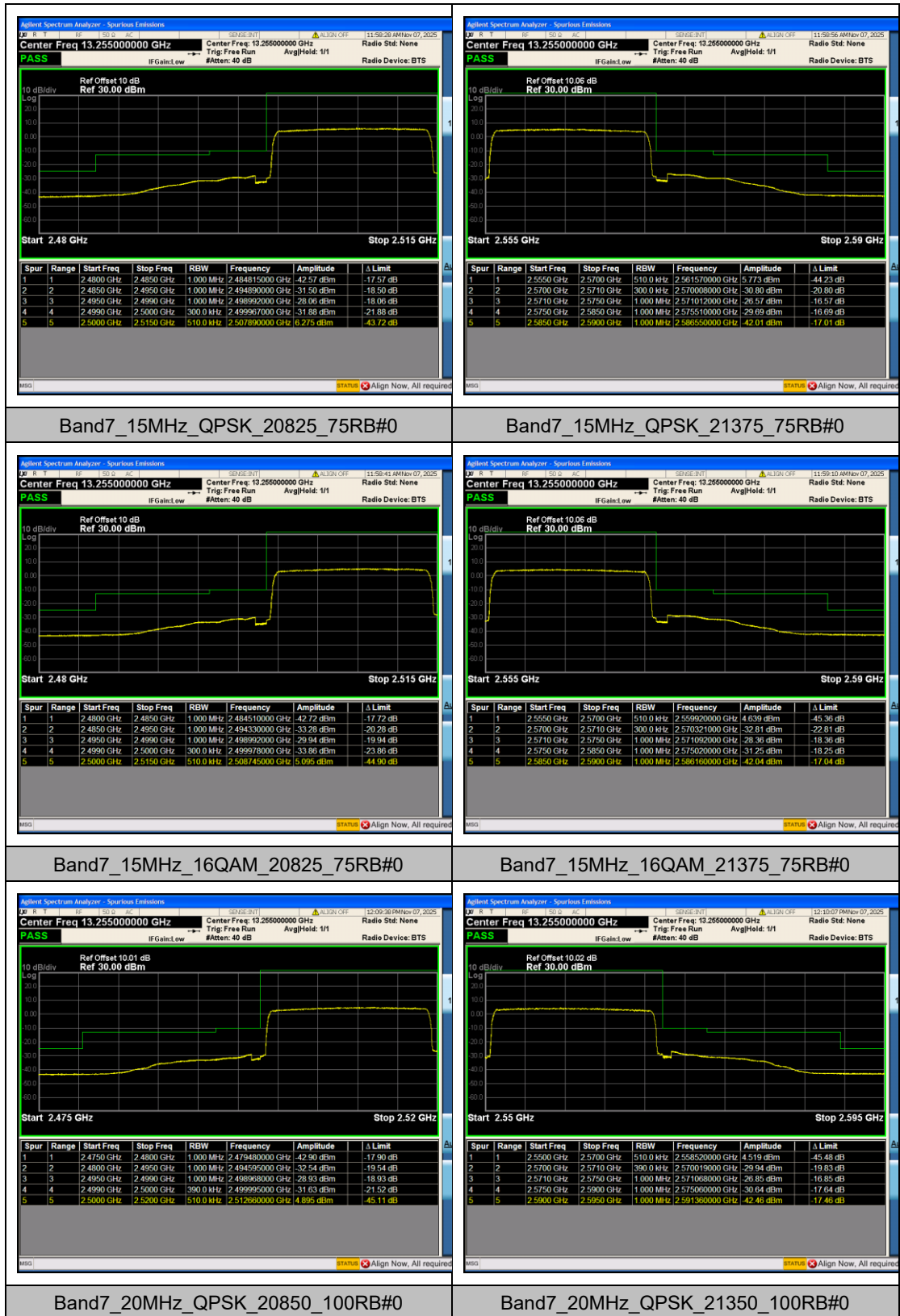
Test Result

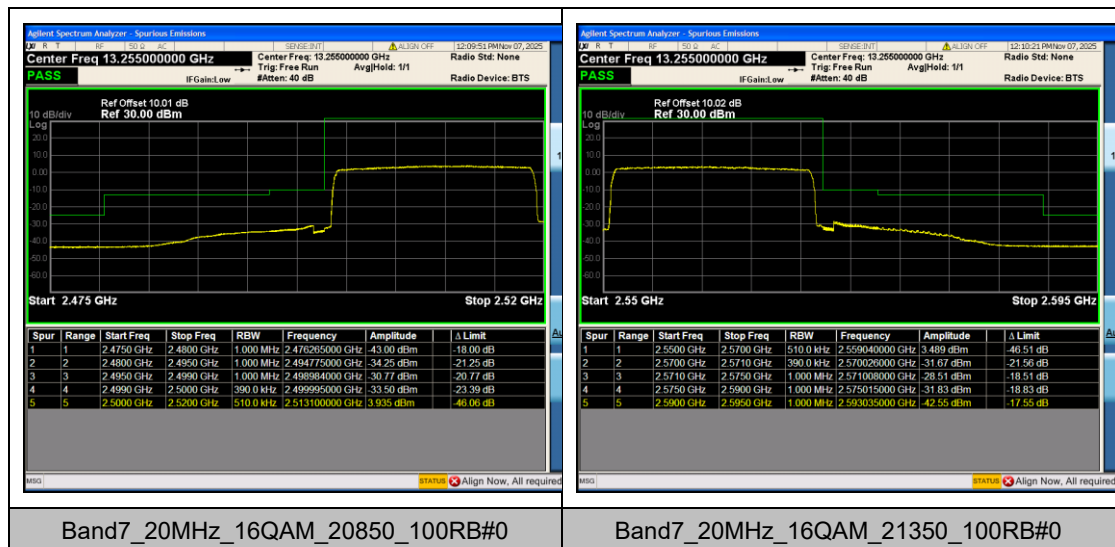
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-25.25	PASS
Band7	5MHz	QPSK	21425	25RB#0	-23.91	PASS
Band7	5MHz	16QAM	20775	25RB#0	-25.97	PASS
Band7	5MHz	16QAM	21425	25RB#0	-25.09	PASS
Band7	10MHz	QPSK	20800	50RB#0	-42.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	-41.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	-42.26	PASS
Band7	10MHz	16QAM	21400	50RB#0	-41.58	PASS
Band7	15MHz	QPSK	20825	75RB#0	-42.57	PASS
Band7	15MHz	QPSK	21375	75RB#0	-26.57	PASS
Band7	15MHz	16QAM	20825	75RB#0	-42.72	PASS
Band7	15MHz	16QAM	21375	75RB#0	-42.04	PASS
Band7	20MHz	QPSK	20850	100RB#0	-42.90	PASS
Band7	20MHz	QPSK	21350	100RB#0	-26.85	PASS
Band7	20MHz	16QAM	20850	100RB#0	-43.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	-42.55	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	-68.78	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-54.64	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-59.89	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-38.76	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-31.81	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-66.11	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-54.85	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-60.04	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-38.21	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-31.74	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-68.57	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-54.90	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-61.38	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-38.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-32.04	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-67.36	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-54.53	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-61.42	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-38.33	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-31.93	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-66.20	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-54.82	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-62.12	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-37.92	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-31.73	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-66.51	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-55.09	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-62.27	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-36.60	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-31.97	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-64.50	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-53.59	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-61.76	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-37.62	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-31.99	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-68.37	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-55.04	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-61.77	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-38.12	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-31.53	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-65.59	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-53.07	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-59.91	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-38.48	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-31.84	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-64.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-54.89	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-62.05	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-38.14	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-32.06	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-71.07	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-53.46	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-61.87	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-38.42	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-31.82	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-65.90	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-54.52	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-61.09	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-38.87	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-31.74	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-67.90	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-54.08	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-60.80	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-38.44	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-31.78	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-68.48	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-54.76	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-61.60	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-38.53	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-32.01	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-66.32	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-54.20	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-59.91	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-38.12	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-31.94	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-66.19	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-53.95	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-62.11	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-38.60	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-32.08	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-65.96	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-53.29	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-62.10	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-38.46	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-31.77	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-65.71	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-54.68	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-61.90	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-38.50	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-31.89	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-67.80	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-55.56	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-62.20	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-38.27	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-32.16	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-66.51	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-54.03	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-61.26	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-38.41	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-31.65	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-64.02	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-54.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-61.40	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-38.34	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-31.93	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-67.59	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-53.80	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-61.53	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-38.74	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-31.89	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-64.61	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-54.98	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-61.04	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-38.66	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-31.68	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-66.61	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-54.47	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-61.35	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-38.09	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-31.67	PASS