

Company: : **Zxonic Technology, Inc.**

EUT : **SOUND LEVEL METER/ANALYZER**

Model Number : **ZX3300**

FCC ID : **2BTTP-ZX3300**

Report No. : **CTA25092602203**

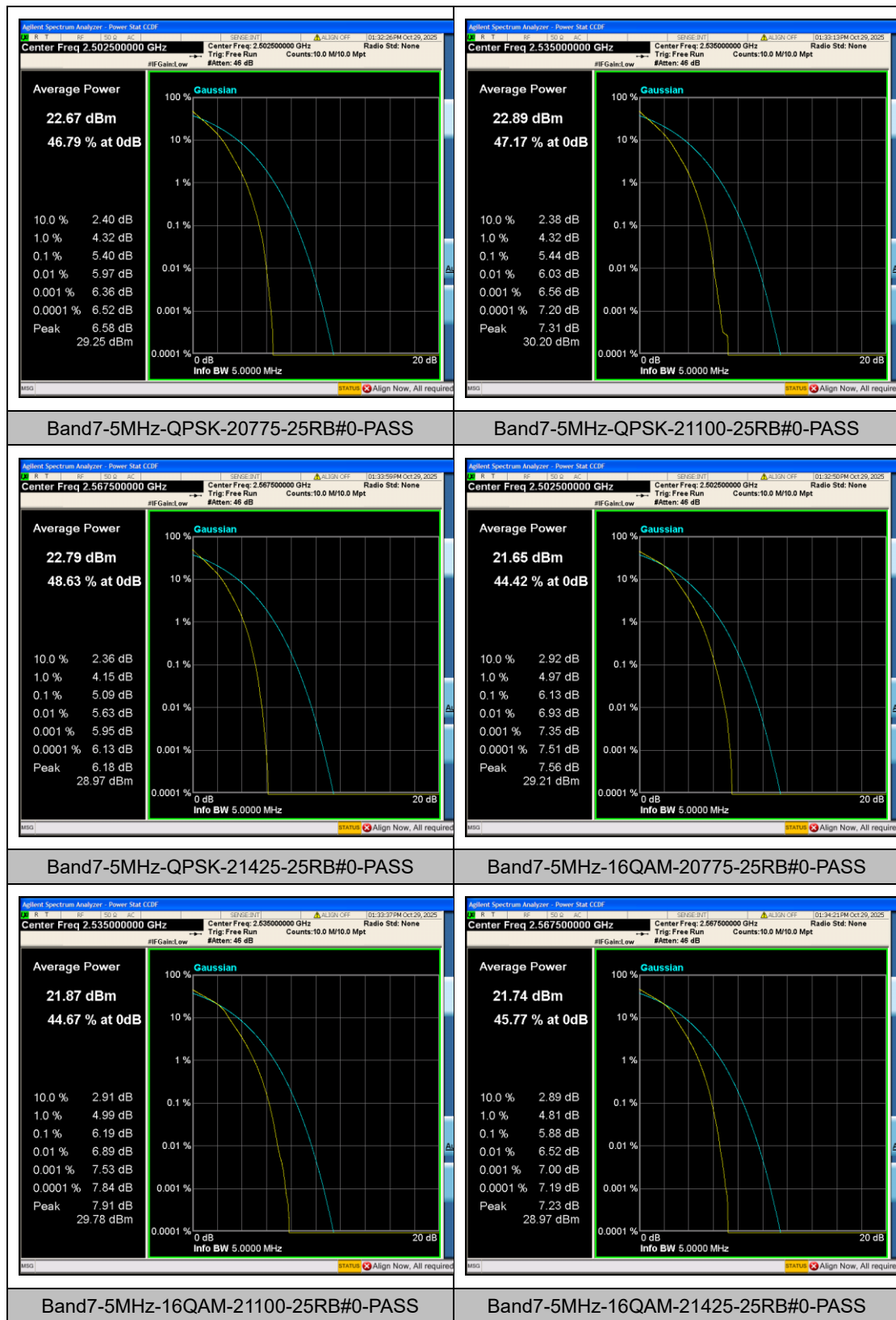
Reviewed By : **Eric Wang**

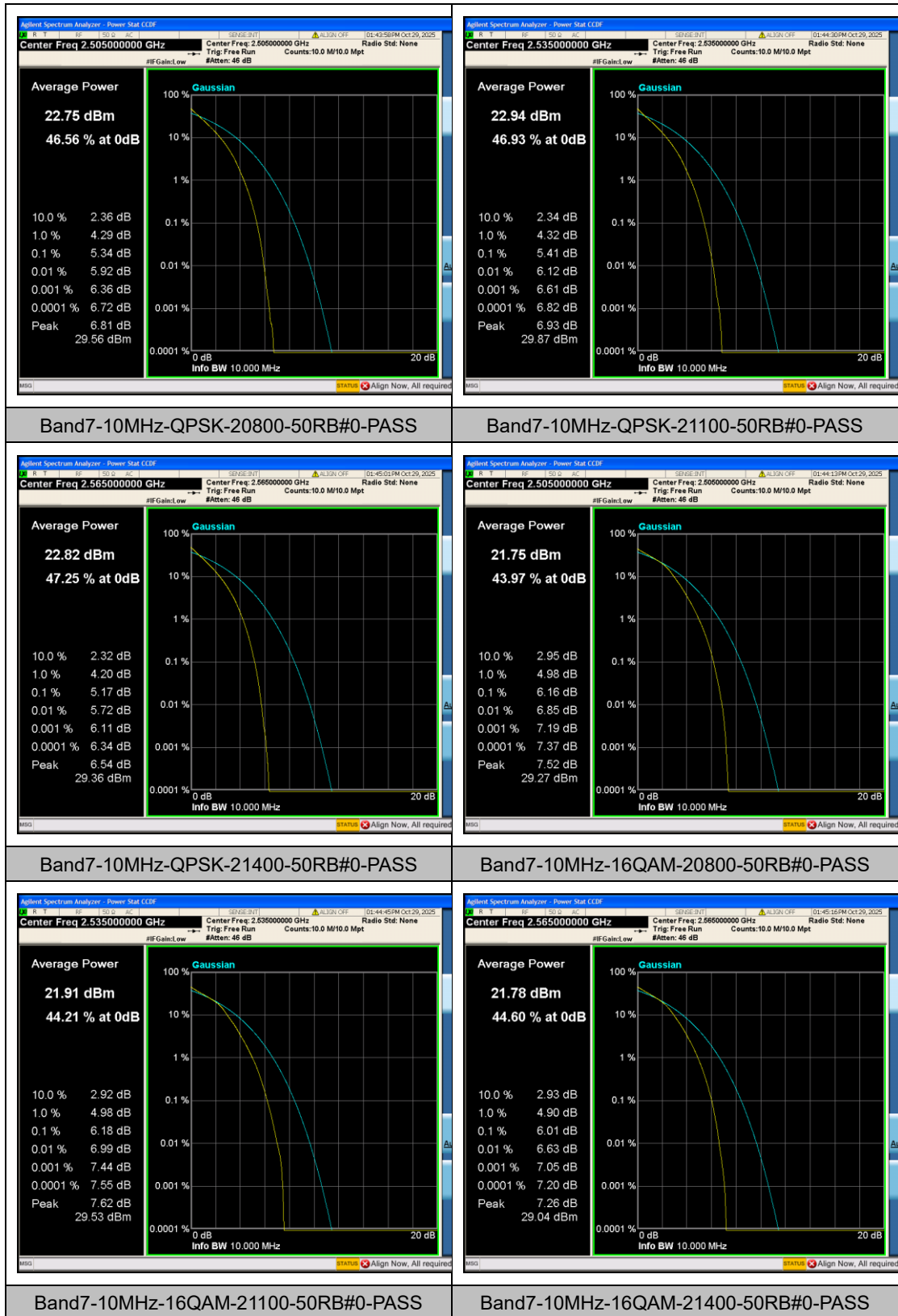
Appendix B: Peak-to-Average Ratio(CCDF)

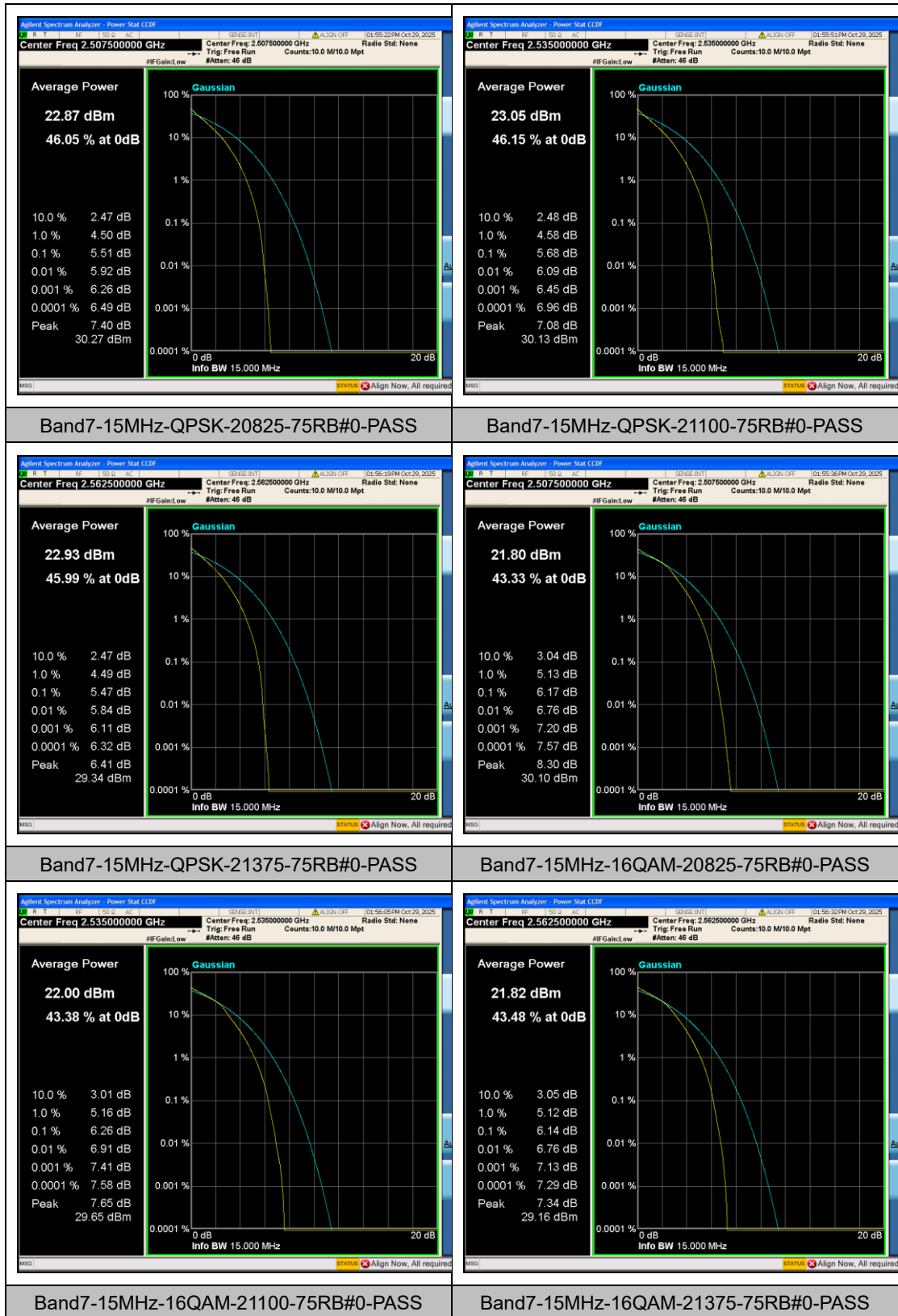
Test Result

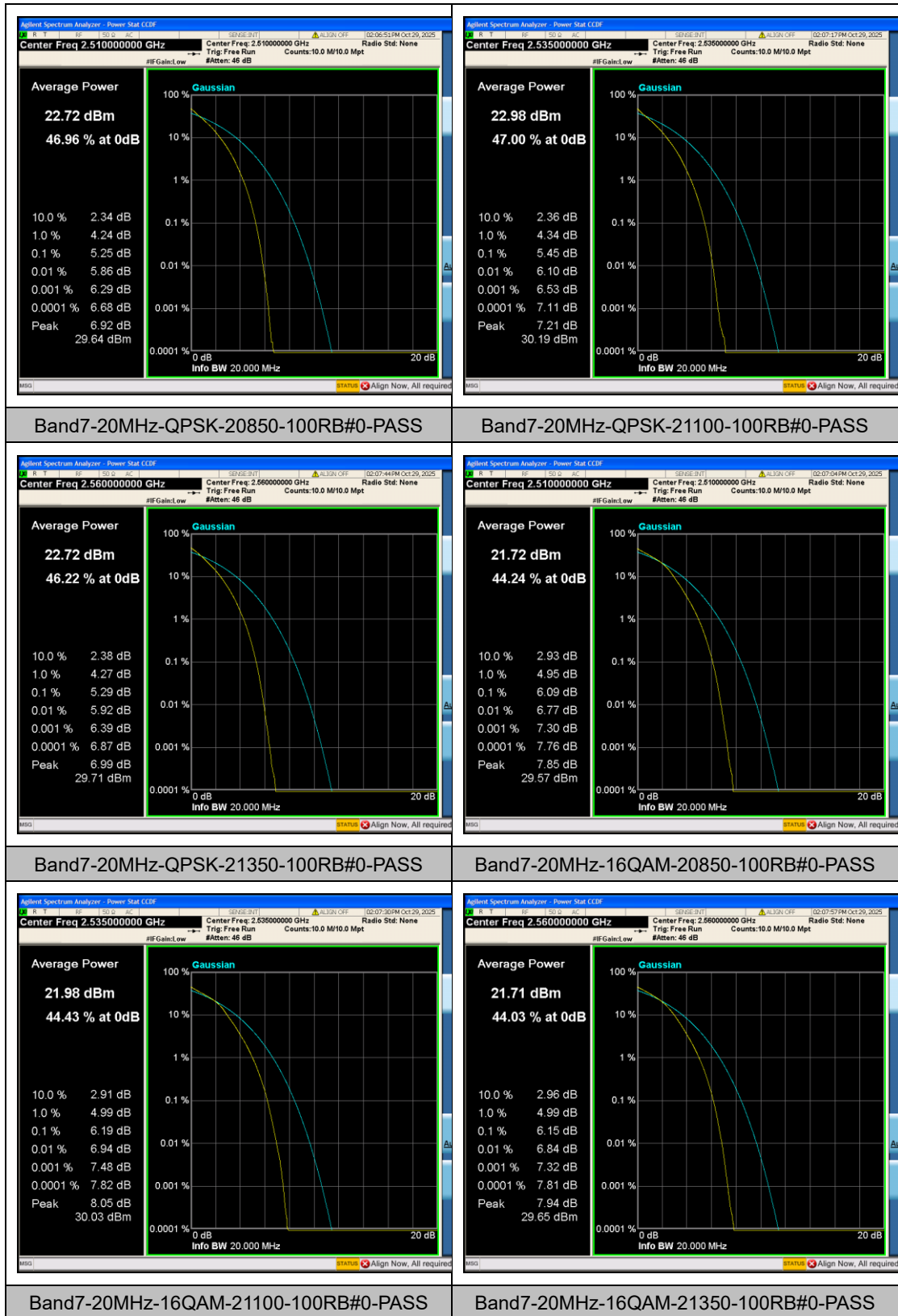
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.40	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.44	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.09	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.13	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.19	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.88	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.34	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.41	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.17	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.16	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.18	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.01	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.51	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.68	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.47	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.17	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.26	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.14	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.25	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.45	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.29	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.09	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.19	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.15	13	PASS

Test Graphs







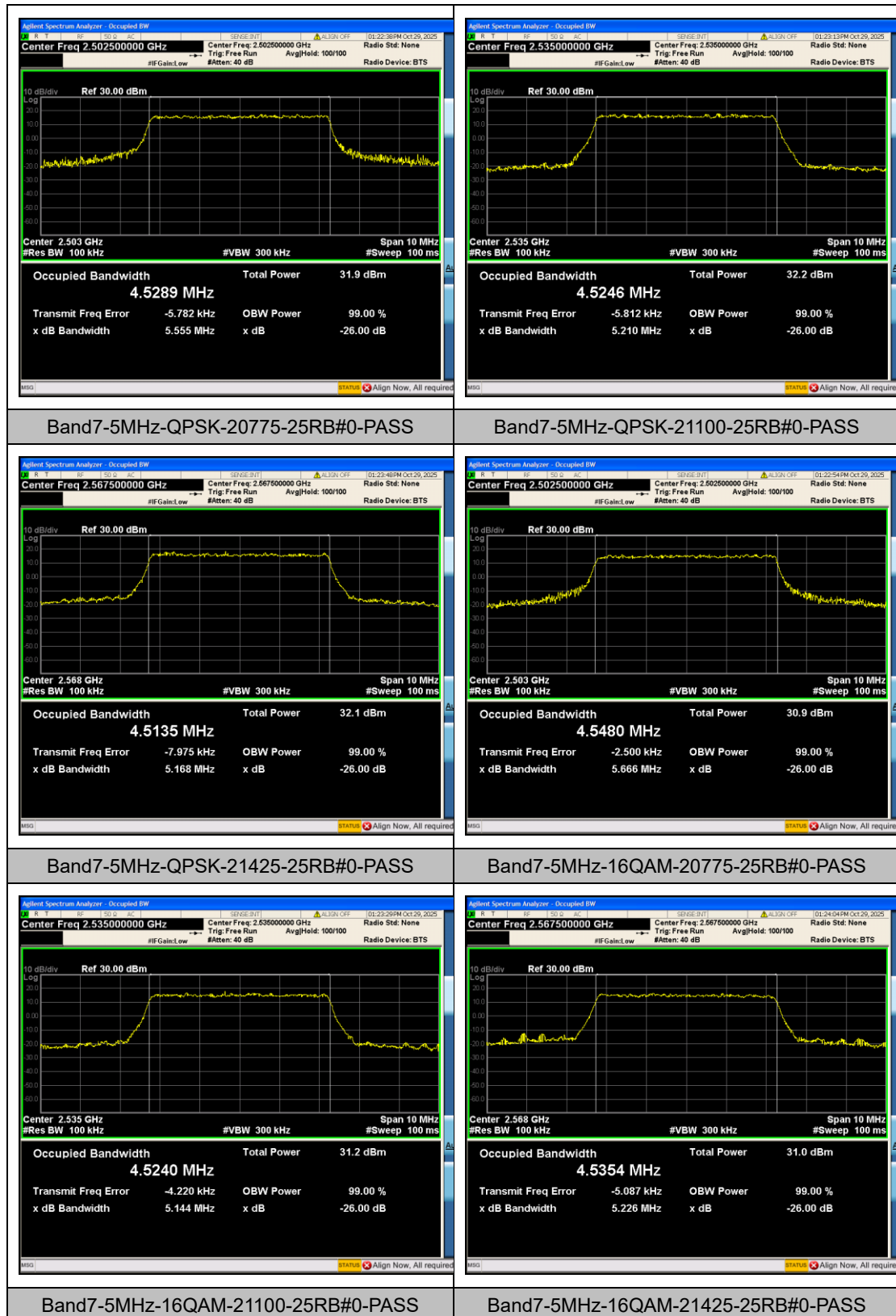


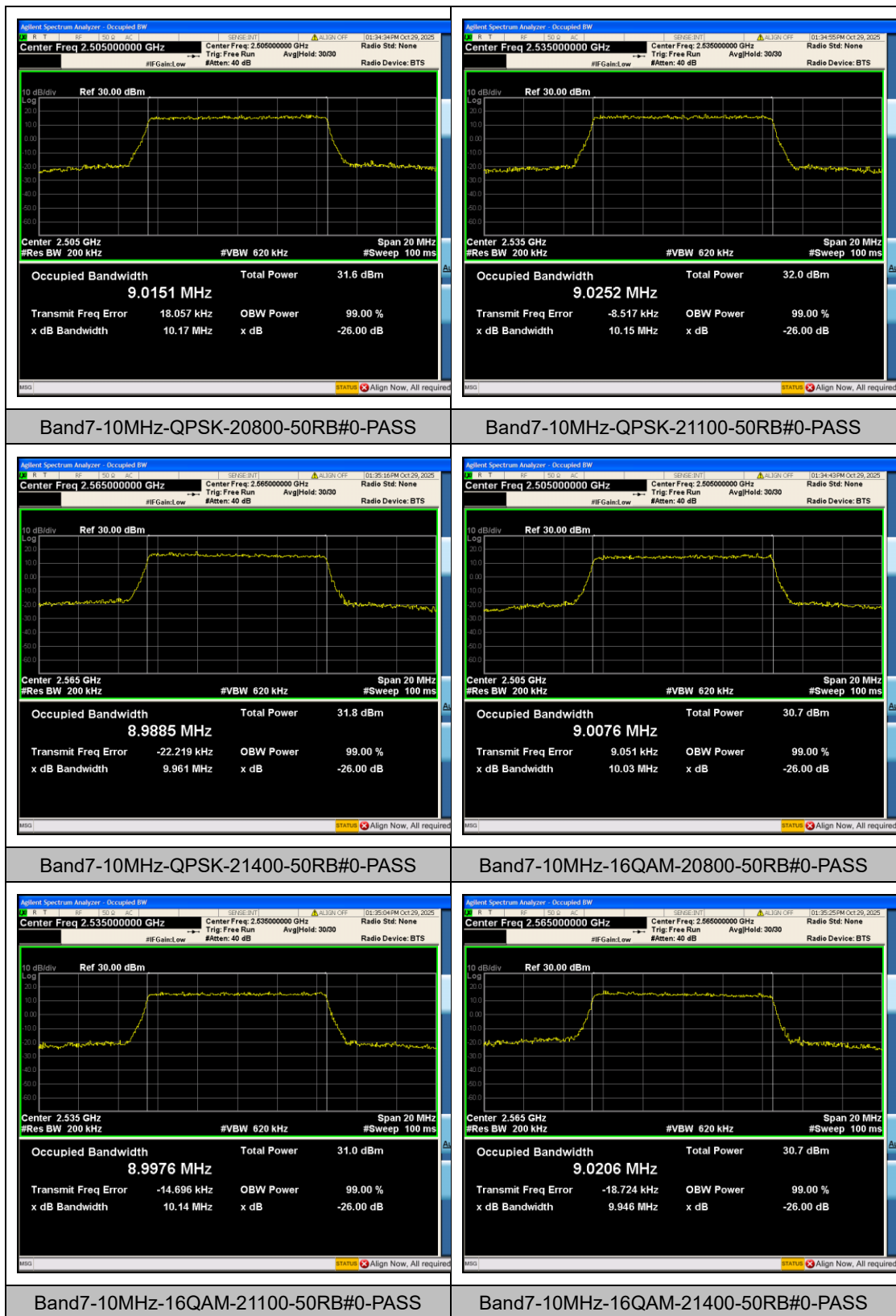
Appendix C: 26dB Bandwidth and Occupied Bandwidth

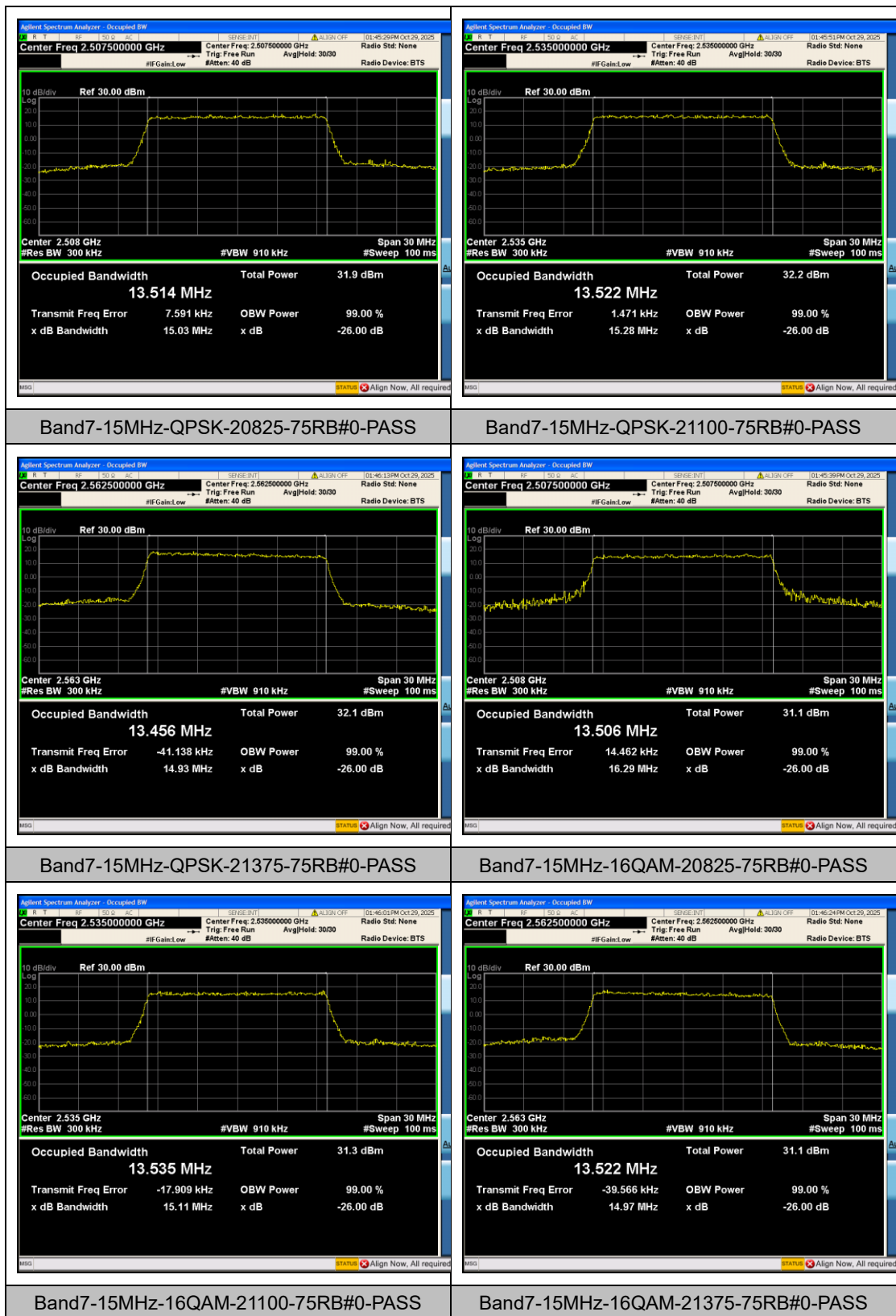
Test Result

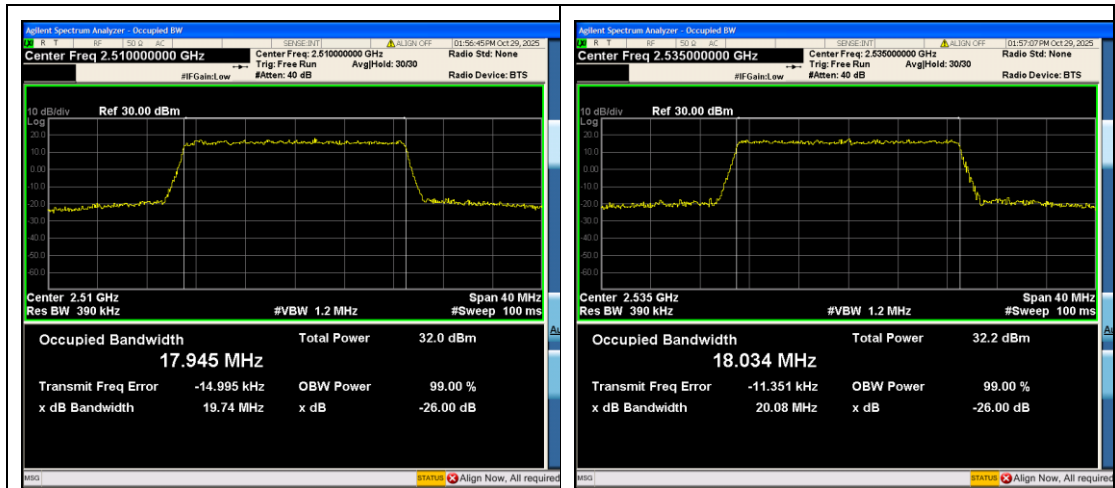
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5289	5.555	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5246	5.210	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5135	5.168	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5480	5.666	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5240	5.144	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5354	5.226	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0151	10.17	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0252	10.15	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9885	9.961	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0076	10.03	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9976	10.14	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0206	9.946	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.514	15.03	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.522	15.28	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.456	14.93	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.506	16.29	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.535	15.11	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.522	14.97	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.945	19.74	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.034	20.08	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.925	19.69	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.994	19.77	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.977	19.71	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.010	19.68	PASS

Test Graphs



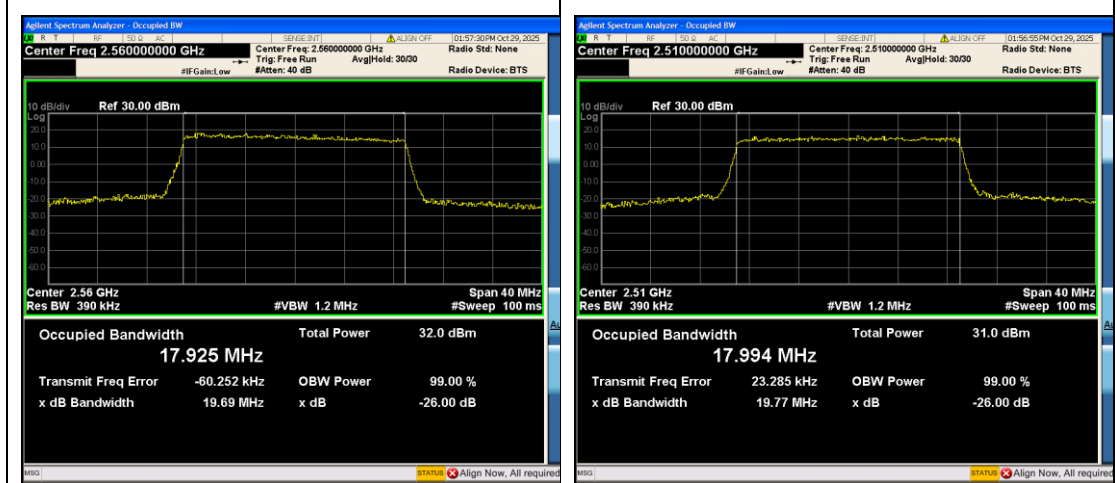






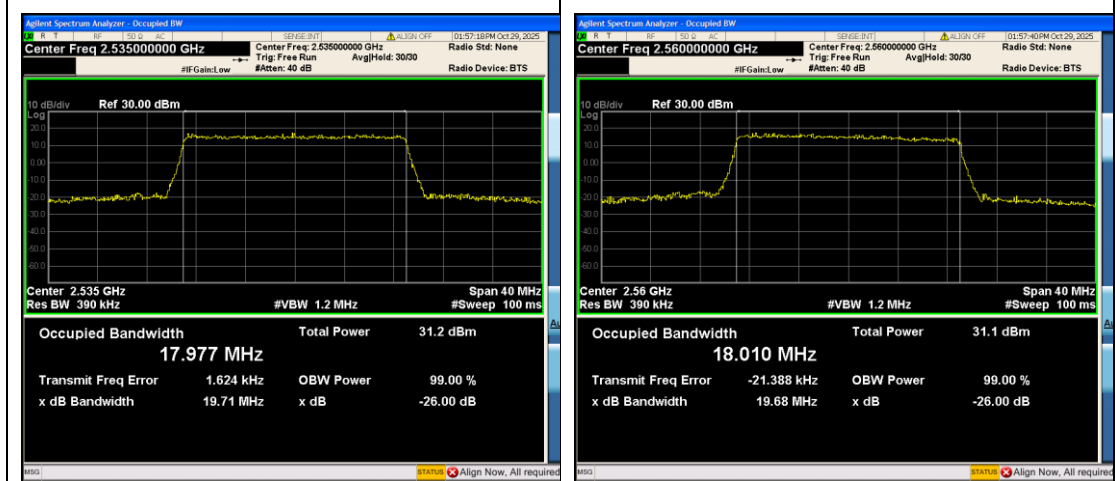
Band7-20MHz-QPSK-20850-100RB#0-PASS

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

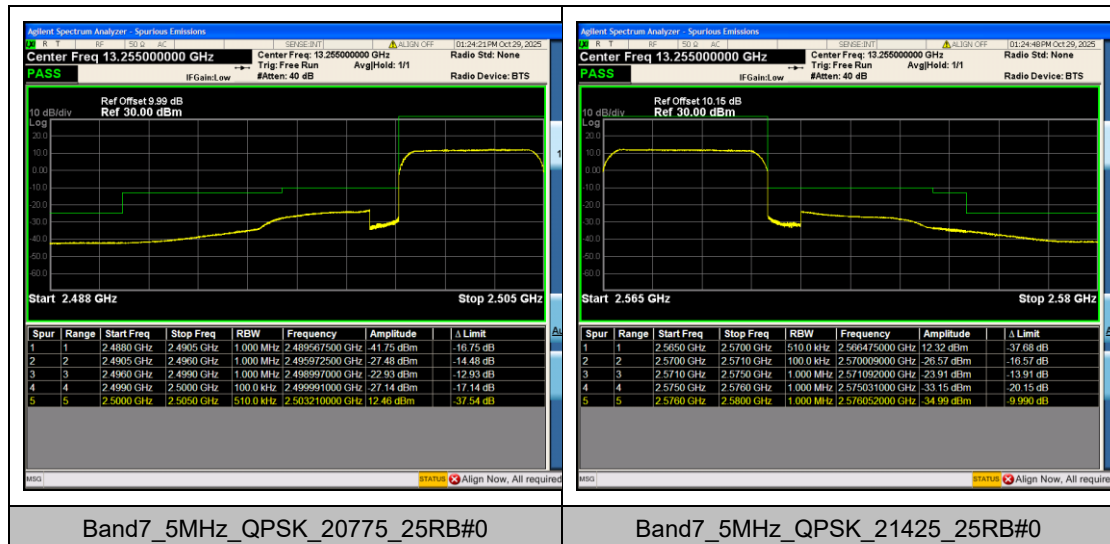
Band7-20MHz-16QAM-21350-100RB#0-PASS

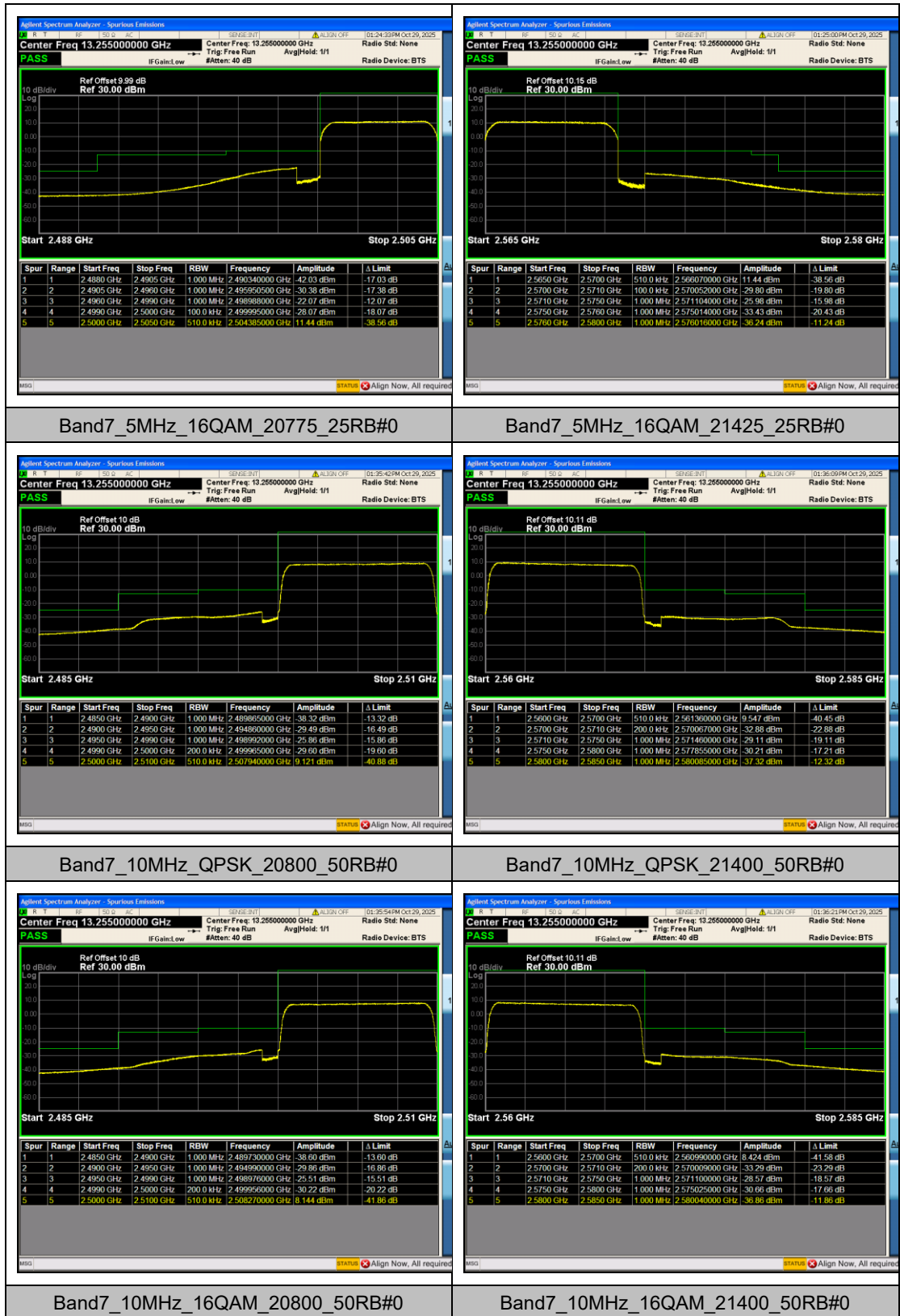
Appendix D: Band Edge

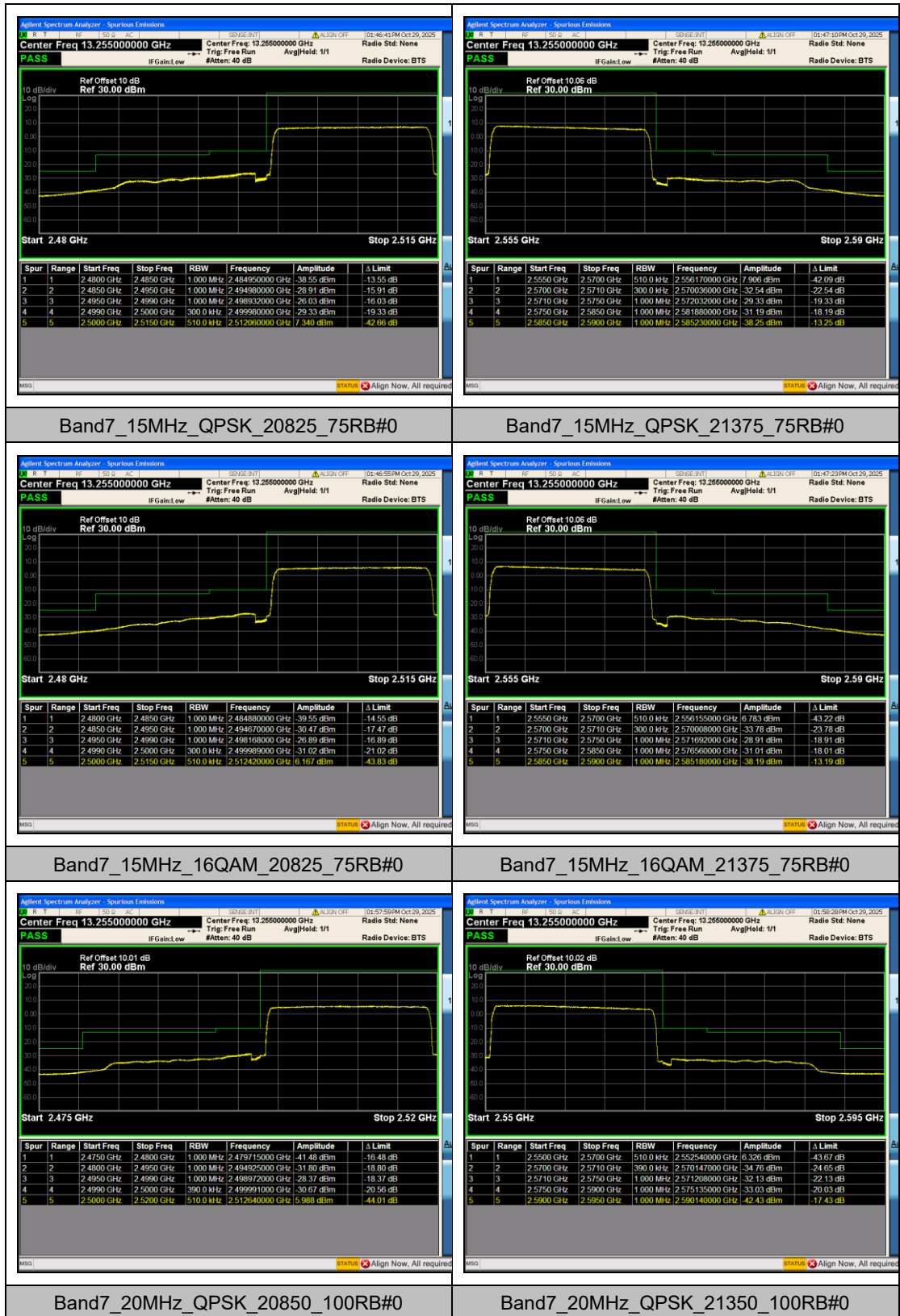
Test Result

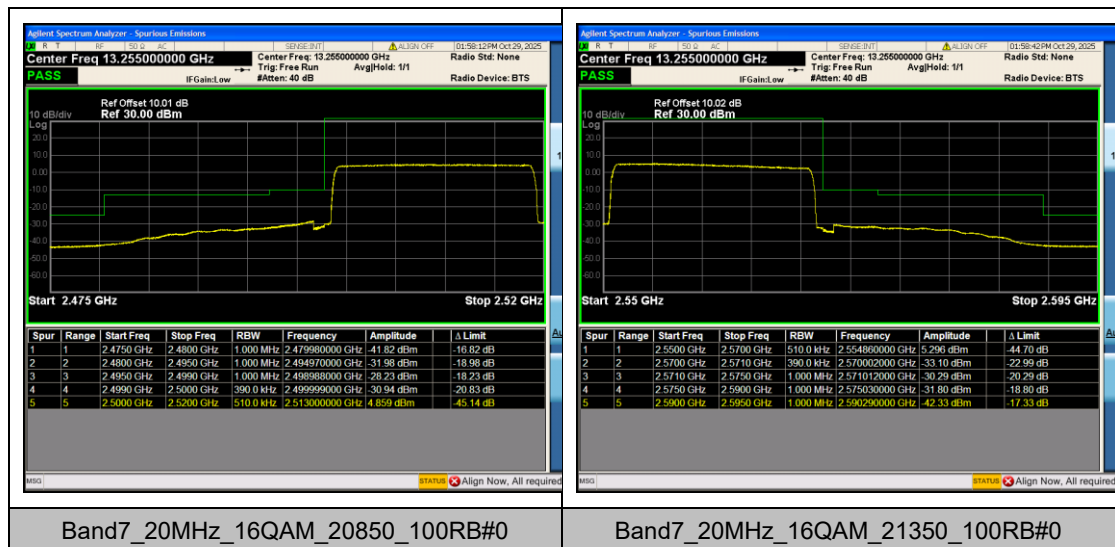
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-22.93	PASS
Band7	5MHz	QPSK	21425	25RB#0	-34.99	PASS
Band7	5MHz	16QAM	20775	25RB#0	-22.07	PASS
Band7	5MHz	16QAM	21425	25RB#0	-36.24	PASS
Band7	10MHz	QPSK	20800	50RB#0	-38.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	-37.32	PASS
Band7	10MHz	16QAM	20800	50RB#0	-38.60	PASS
Band7	10MHz	16QAM	21400	50RB#0	-36.86	PASS
Band7	15MHz	QPSK	20825	75RB#0	-38.55	PASS
Band7	15MHz	QPSK	21375	75RB#0	-38.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	-39.55	PASS
Band7	15MHz	16QAM	21375	75RB#0	-38.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	-41.48	PASS
Band7	20MHz	QPSK	21350	100RB#0	-42.43	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.82	PASS
Band7	20MHz	16QAM	21350	100RB#0	-42.33	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	-66.50	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-61.47	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-61.99	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-38.44	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-32.12	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-64.25	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-62.55	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-62.03	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-38.35	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-32.23	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-67.63	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-63.68	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-62.27	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-37.54	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-31.62	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-66.65	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-62.84	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-62.31	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-38.48	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-31.94	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-65.59	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-62.93	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-62.39	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-38.55	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-32.03	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-66.29	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-64.06	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-62.34	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-38.28	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-31.95	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-66.96	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-63.61	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-62.10	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-38.55	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-31.76	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-65.06	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-64.50	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-62.13	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-38.49	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-31.87	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-64.76	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-64.23	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-62.12	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-38.25	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-31.82	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-68.32	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-62.12	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-62.40	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-38.45	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-32.03	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-67.50	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-65.65	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-62.31	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-38.24	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-31.98	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-67.82	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-63.31	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-62.11	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-38.49	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-31.97	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-69.19	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-64.17	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-62.14	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-38.50	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-31.87	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-67.57	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-65.38	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-62.34	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-38.61	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-31.42	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-66.85	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-63.52	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-61.81	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-38.51	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-31.86	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-67.42	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-63.76	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-62.20	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-38.41	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-31.83	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-69.42	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-63.73	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-62.24	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-38.42	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-32.01	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-65.78	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-61.35	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-62.21	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-38.03	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-31.99	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-64.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-62.26	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-62.16	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-38.55	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-32.14	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-65.40	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-65.24	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-62.32	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-38.42	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-31.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-64.63	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-62.93	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-62.09	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-38.04	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-31.86	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-66.59	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-64.51	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-61.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-38.62	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-32.01	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-66.97	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-65.86	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-62.37	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-38.39	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-32.05	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-67.79	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-65.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-62.24	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-38.50	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-32.02	PASS