

Appendix for Band 7

Product Name: Wireless data terminal

Model No: SC55G

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.28	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.37	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.31	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.20	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.17	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.30	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.24	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.27	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.22	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.28	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.18	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.24	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.29	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.73	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.94	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.85	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.96	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.65	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.87	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.80	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.90	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.78	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.86	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.75	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.85	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.77	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.84	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.63	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.63	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.74	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.72	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.61	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.60	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.68	PASS

Band7	5MHz	16QAM	21425	12RB#0	20.69	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.65	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.72	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.53	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.64	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.64	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.71	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.76	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.91	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.78	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.94	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.70	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.85	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.79	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.87	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.78	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.82	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.77	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.85	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.72	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.75	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.33	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.50	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.37	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.54	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.15	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.35	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.31	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.43	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.34	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.42	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.25	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.31	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.26	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.35	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.26	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.17	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.29	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.13	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.08	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.02	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.23	PASS

Band7	10MHz	16QAM	21400	25RB#0	20.33	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.23	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.31	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.16	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.22	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.11	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.49	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.74	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.88	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.74	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.89	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.58	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.76	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.84	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.85	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.86	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.87	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.85	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.87	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.85	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.82	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.37	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.61	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.26	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.55	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.11	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.34	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.35	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.36	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.31	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.36	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.36	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.35	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.37	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.39	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.26	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.12	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.20	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.12	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.95	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.88	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.21	PASS

Band7	15MHz	16QAM	21375	38RB#0	21.20	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.22	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.22	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.22	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.21	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.21	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.21	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.93	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.88	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.47	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.17	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.56	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.55	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.87	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.92	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.87	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.94	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.84	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.85	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.87	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.92	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.43	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.59	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.67	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.77	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.10	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.25	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.53	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.64	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.51	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.57	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.37	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.49	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.38	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.48	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.02	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.15	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.26	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.40	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.88	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.99	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.27	PASS

Band7	20MHz	16QAM	21350	50RB#0	20.37	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.24	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.39	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.21	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.28	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.22	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.30	PASS

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

Test Result

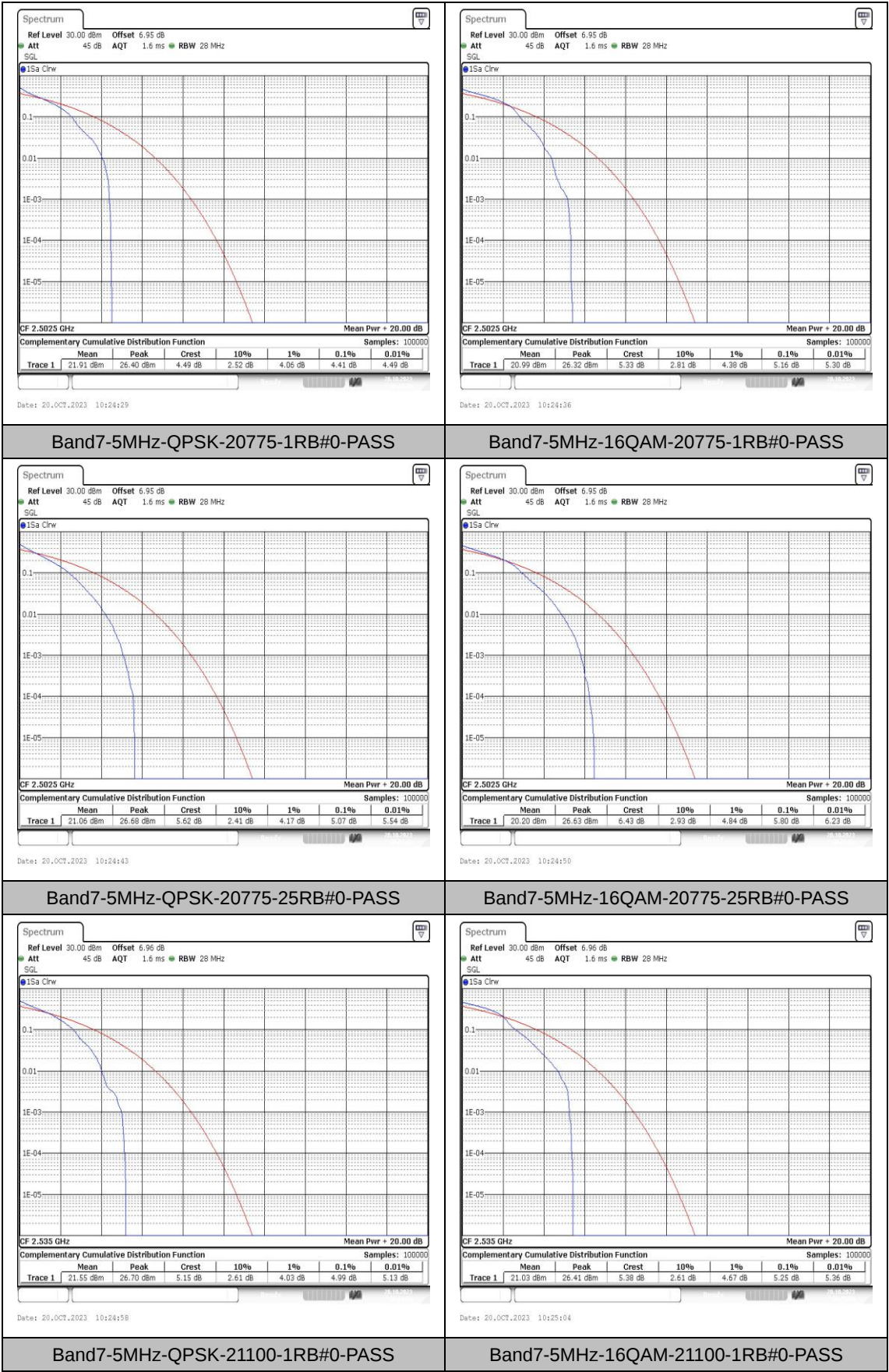
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.41	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.16	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.07	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.80	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.99	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.25	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.33	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.14	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.38	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.93	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.13	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.94	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.17	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.96	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.10	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.88	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.49	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.16	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.30	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.06	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.52	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.62	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.19	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.94	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.20	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.22	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.33	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.00	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.64	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.33	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.51	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.14	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.70	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.00	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.45	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.06	13	PASS

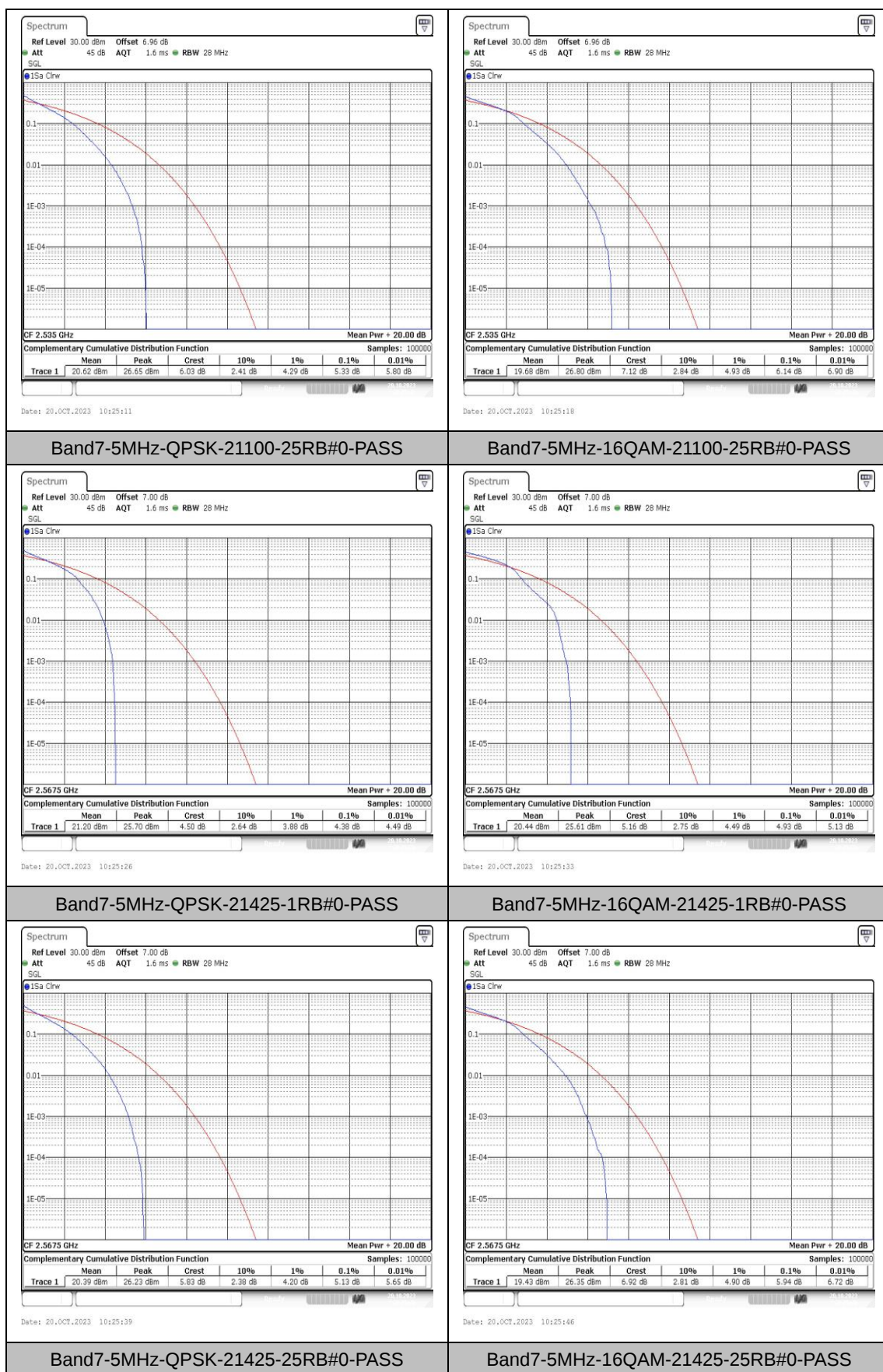
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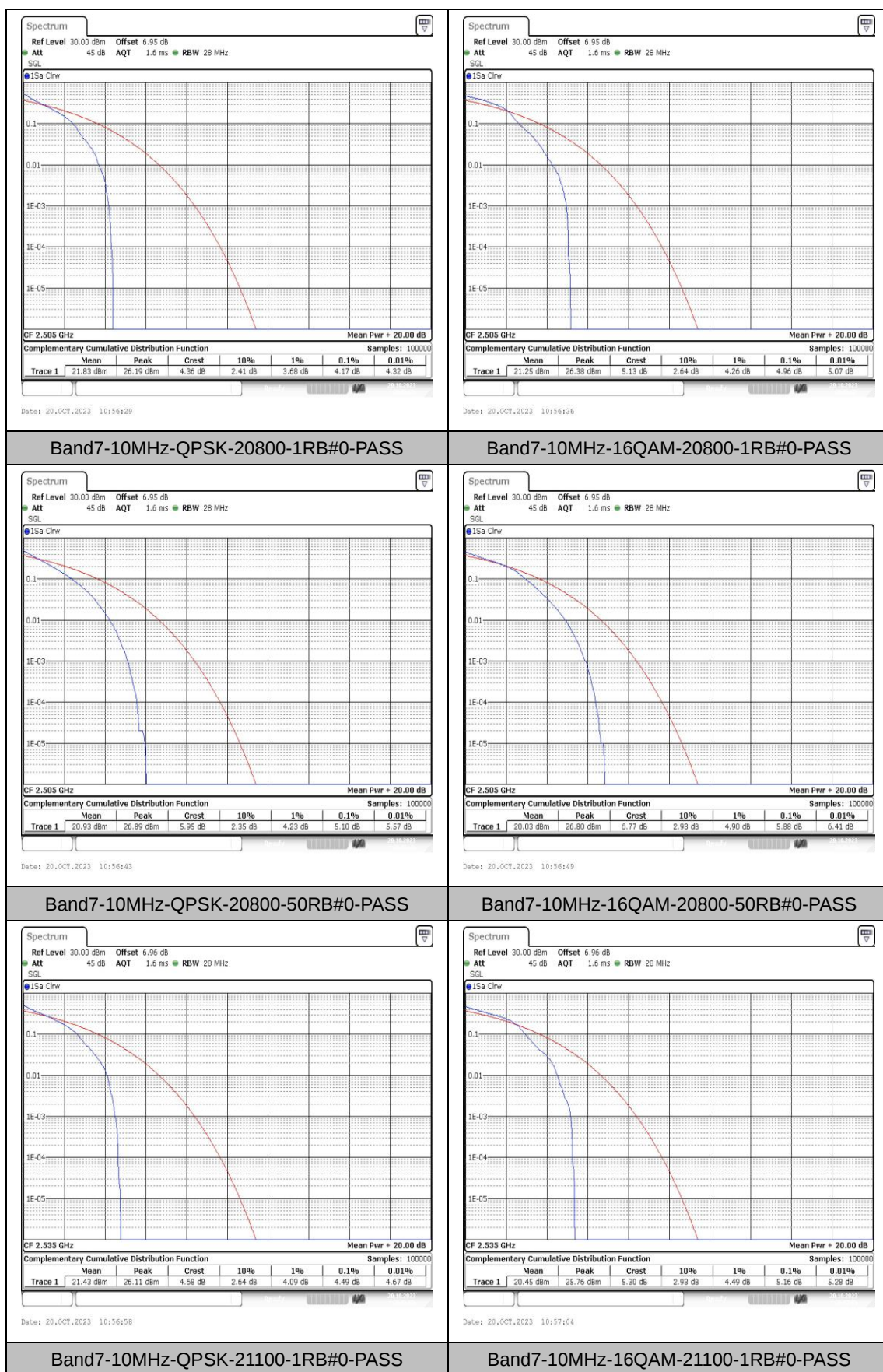
<http://www.waltek.com.cn>

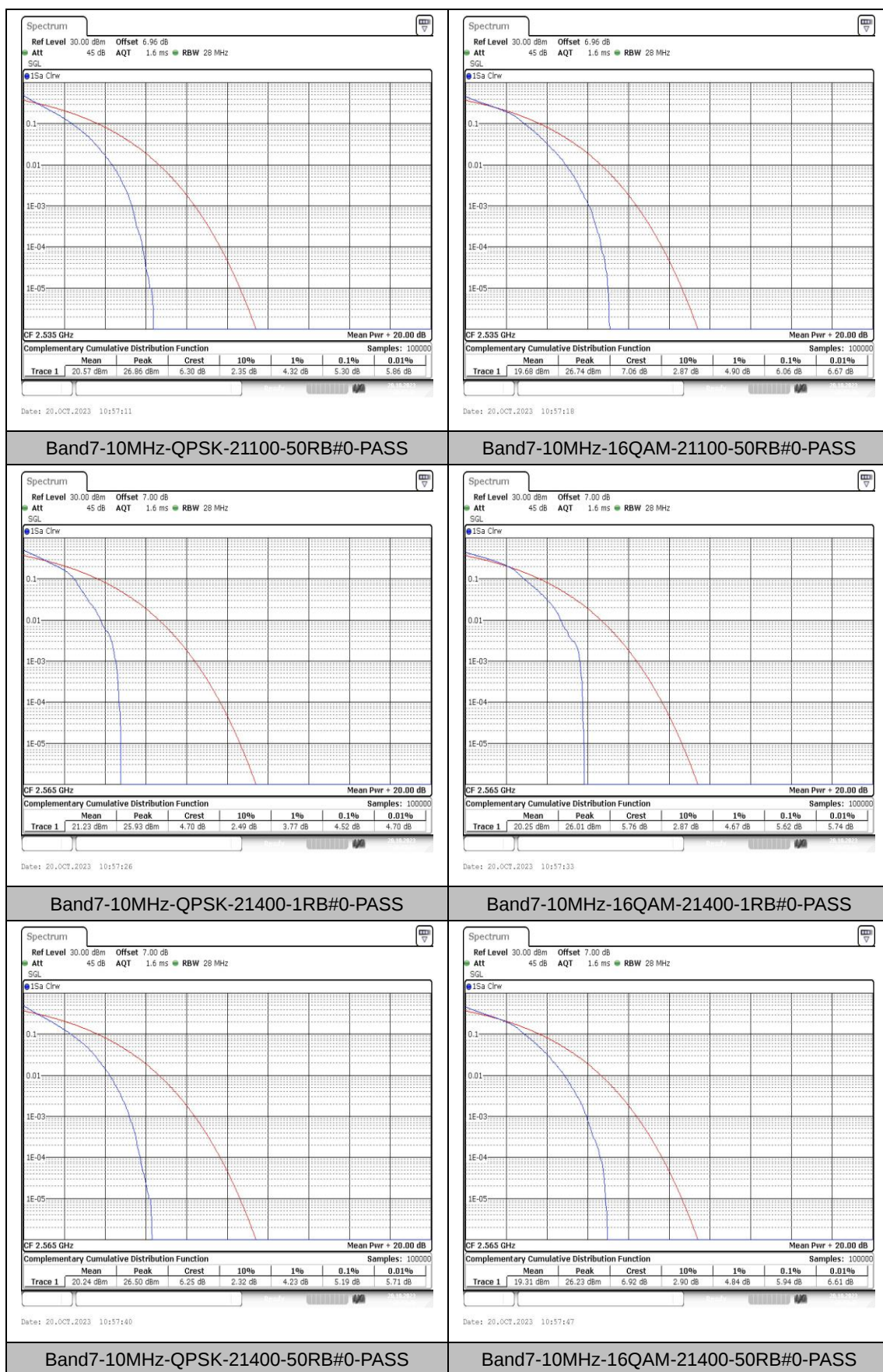
Band7	20MHz	QPSK	20850	1RB#0	4.14	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.07	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.16	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.03	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.87	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.30	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.25	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.03	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.22	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.19	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.28	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.06	13	PASS

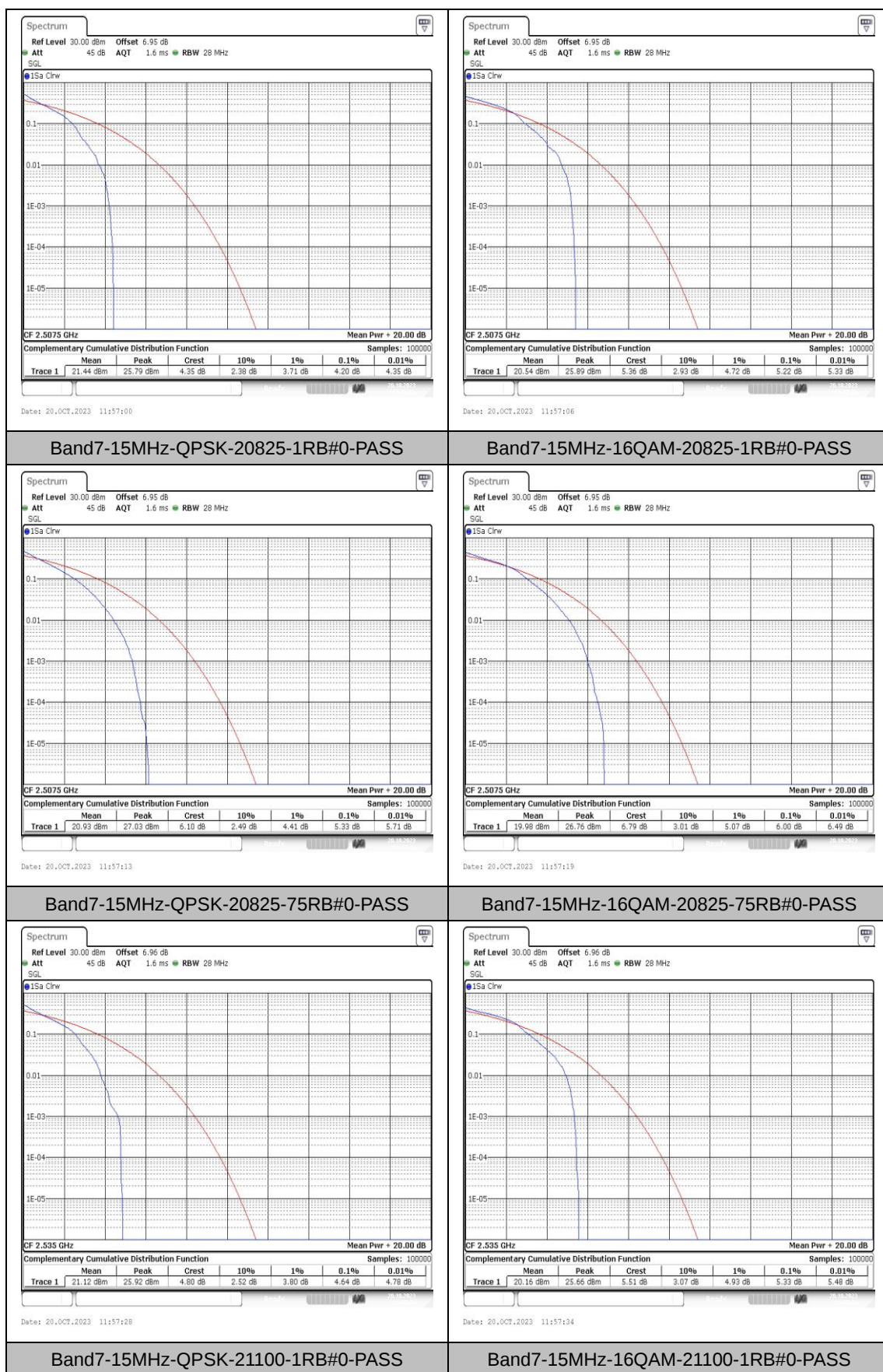
Test Graphs

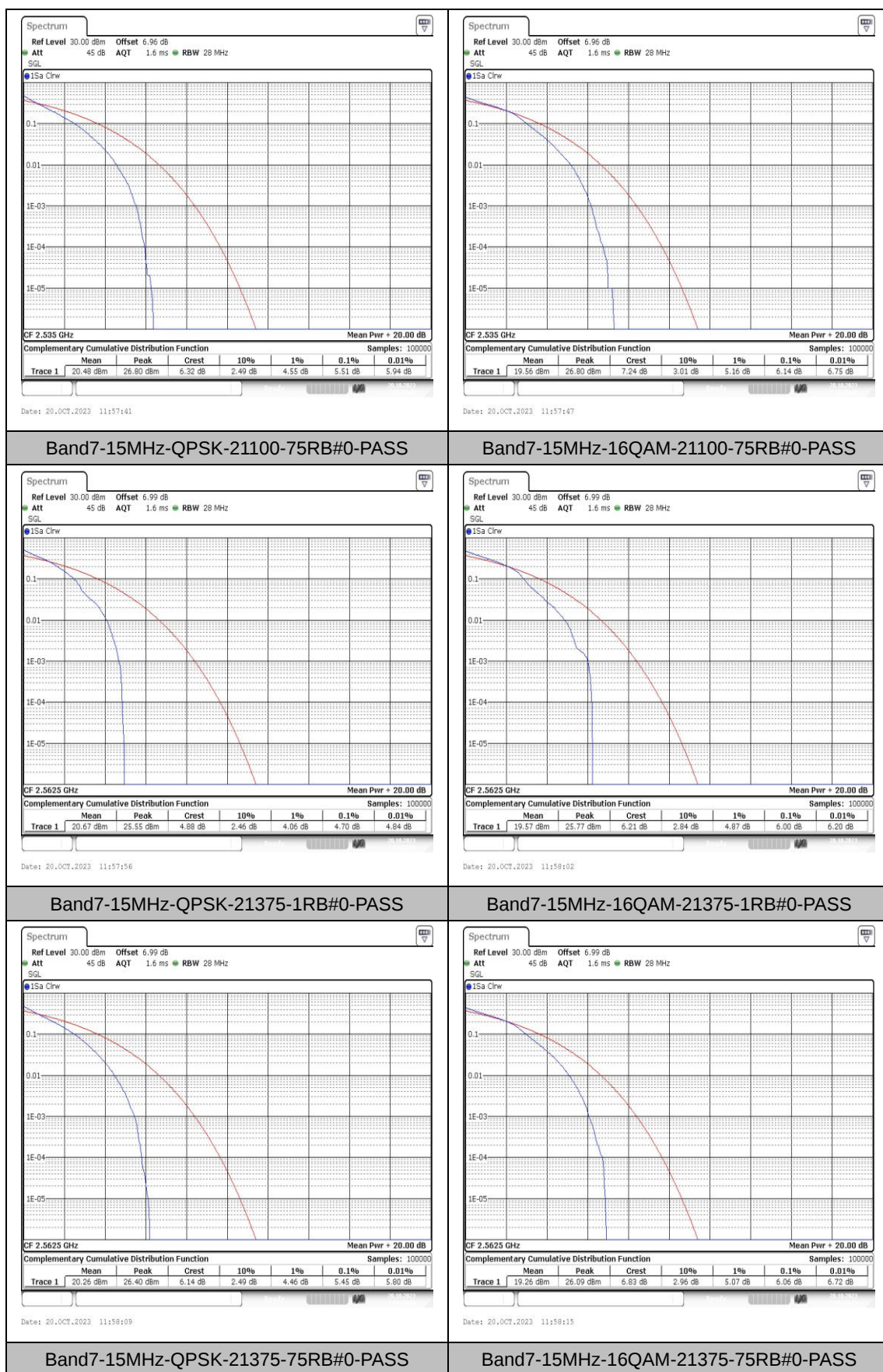


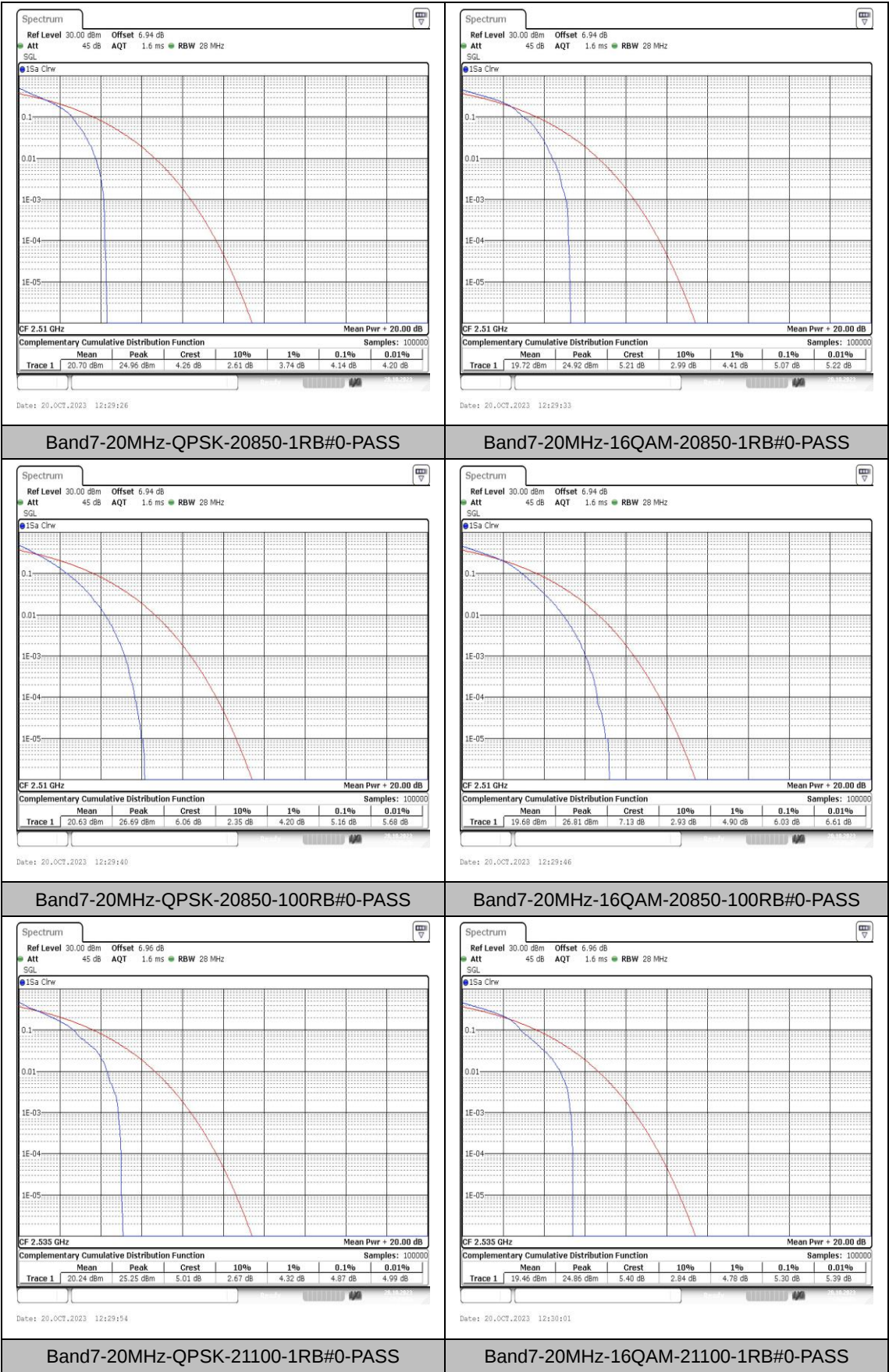


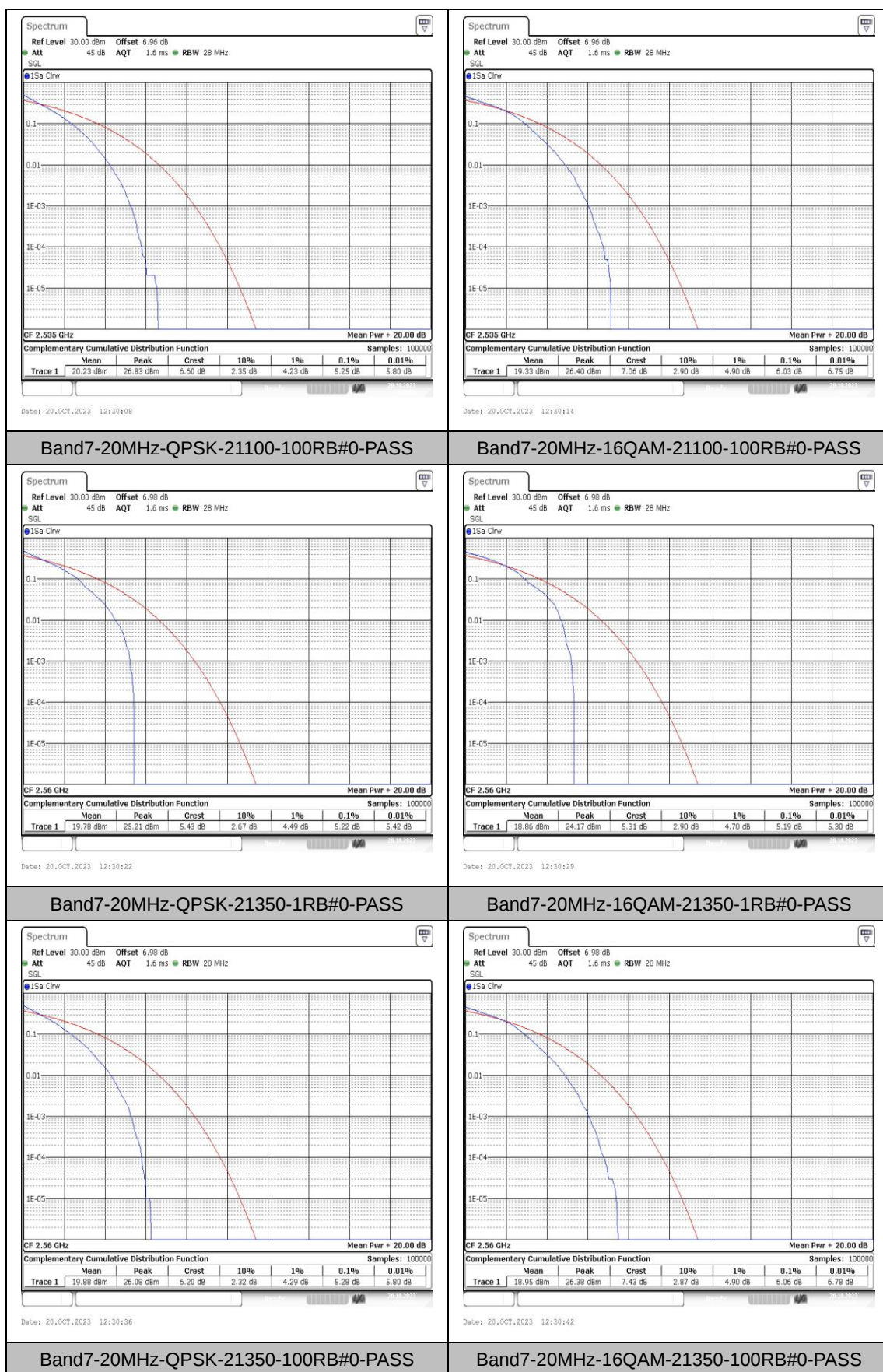










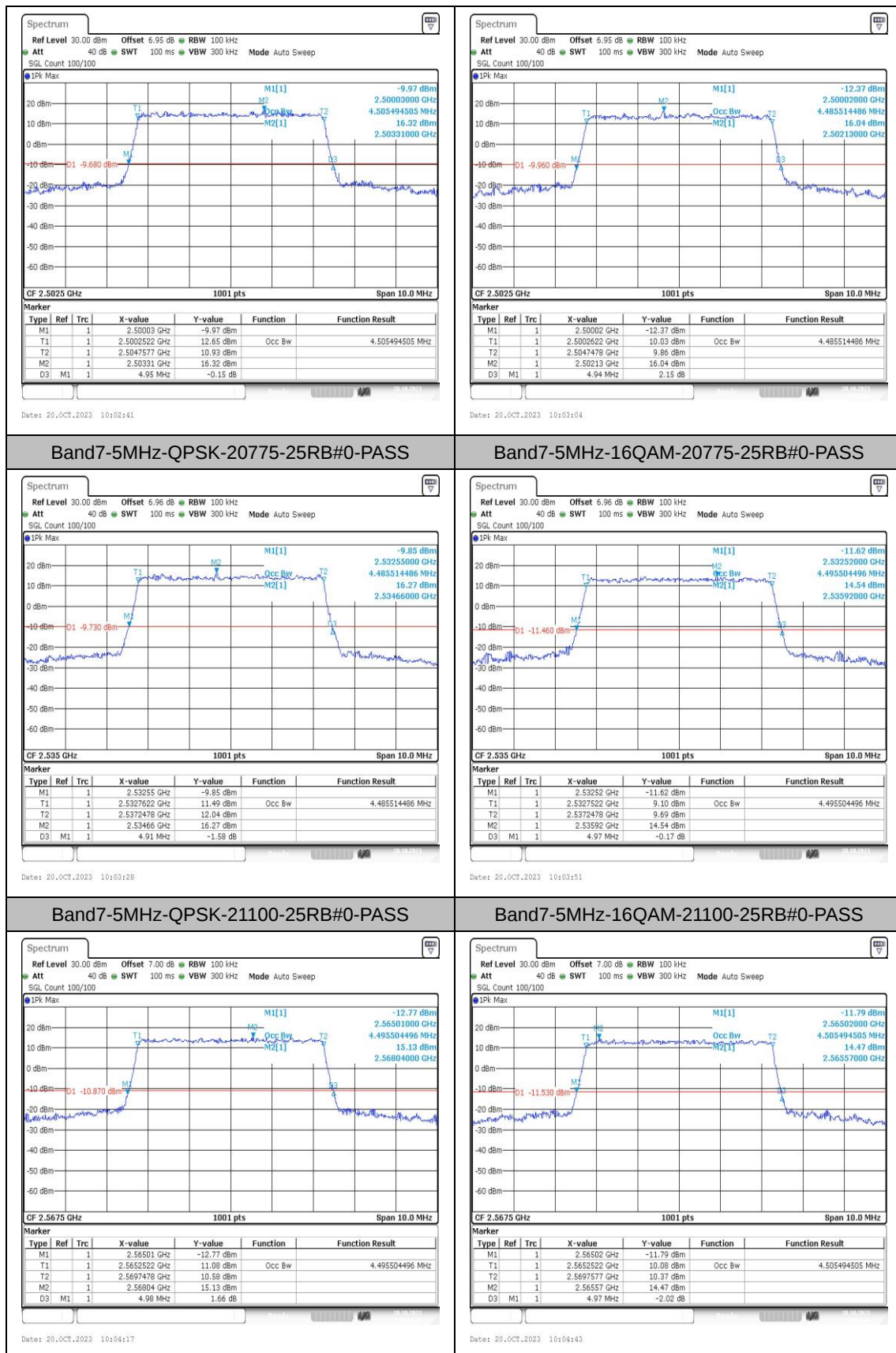


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

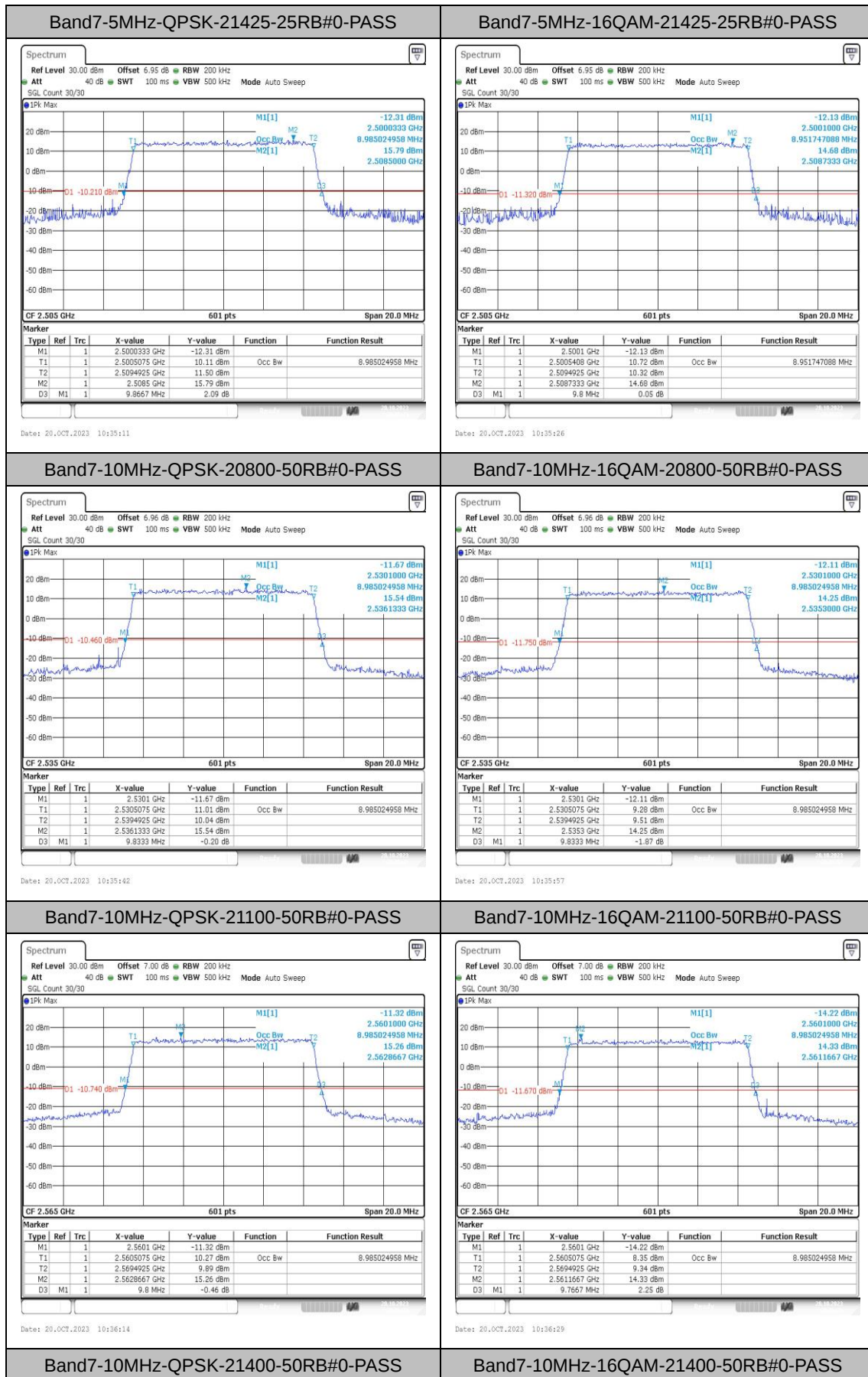
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.505	4.95	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.94	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.486	4.91	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	4.97	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.496	4.98	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.505	4.97	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.87	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.952	9.80	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.985	9.83	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.985	9.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.985	9.80	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.985	9.77	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.85	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.527	14.70	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.80	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.65	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.428	14.75	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.75	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.037	19.60	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.103	19.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.97	19.93	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.037	19.73	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.97	19.67	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.97	19.67	PASS

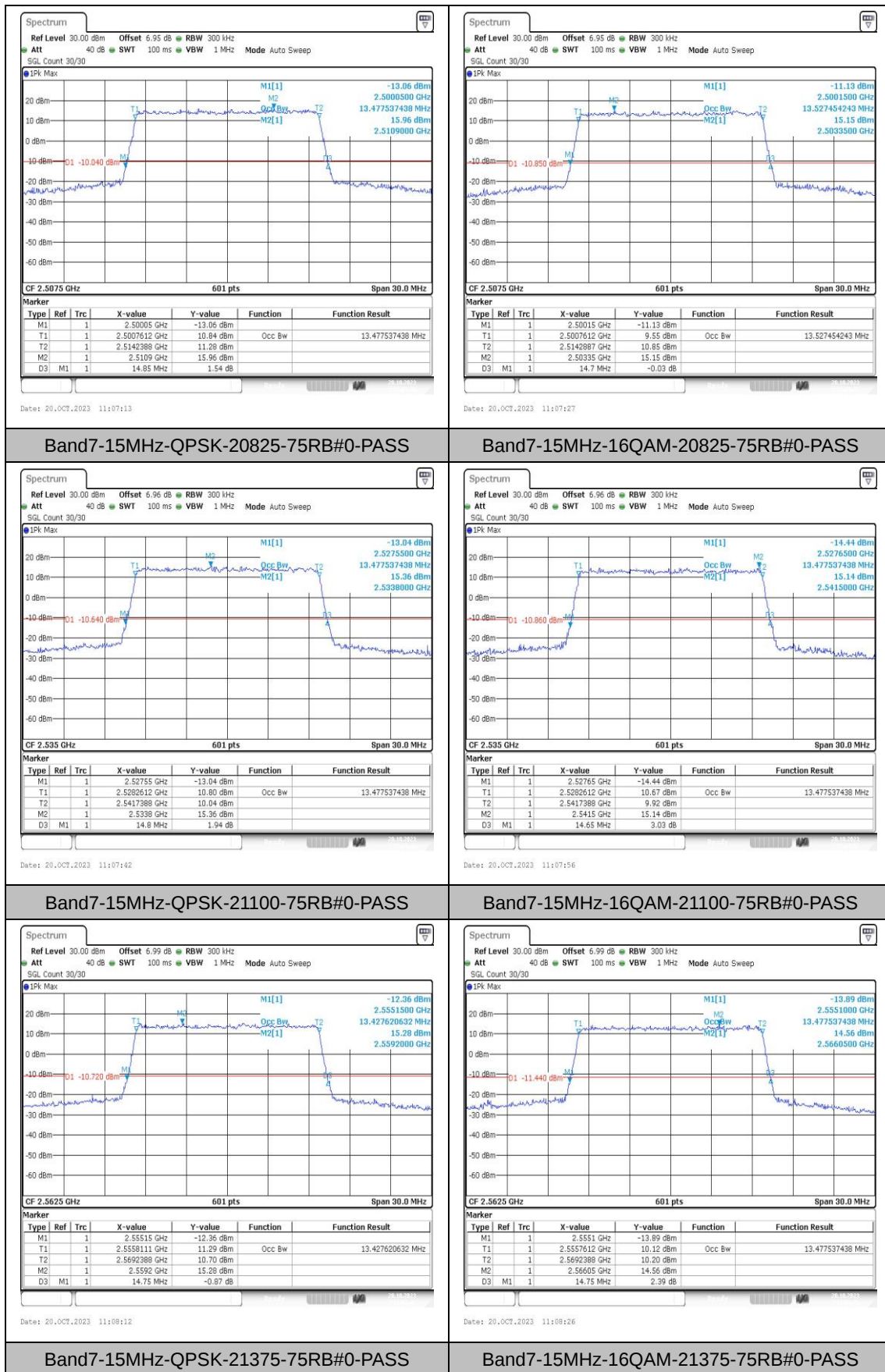
Test Graphs

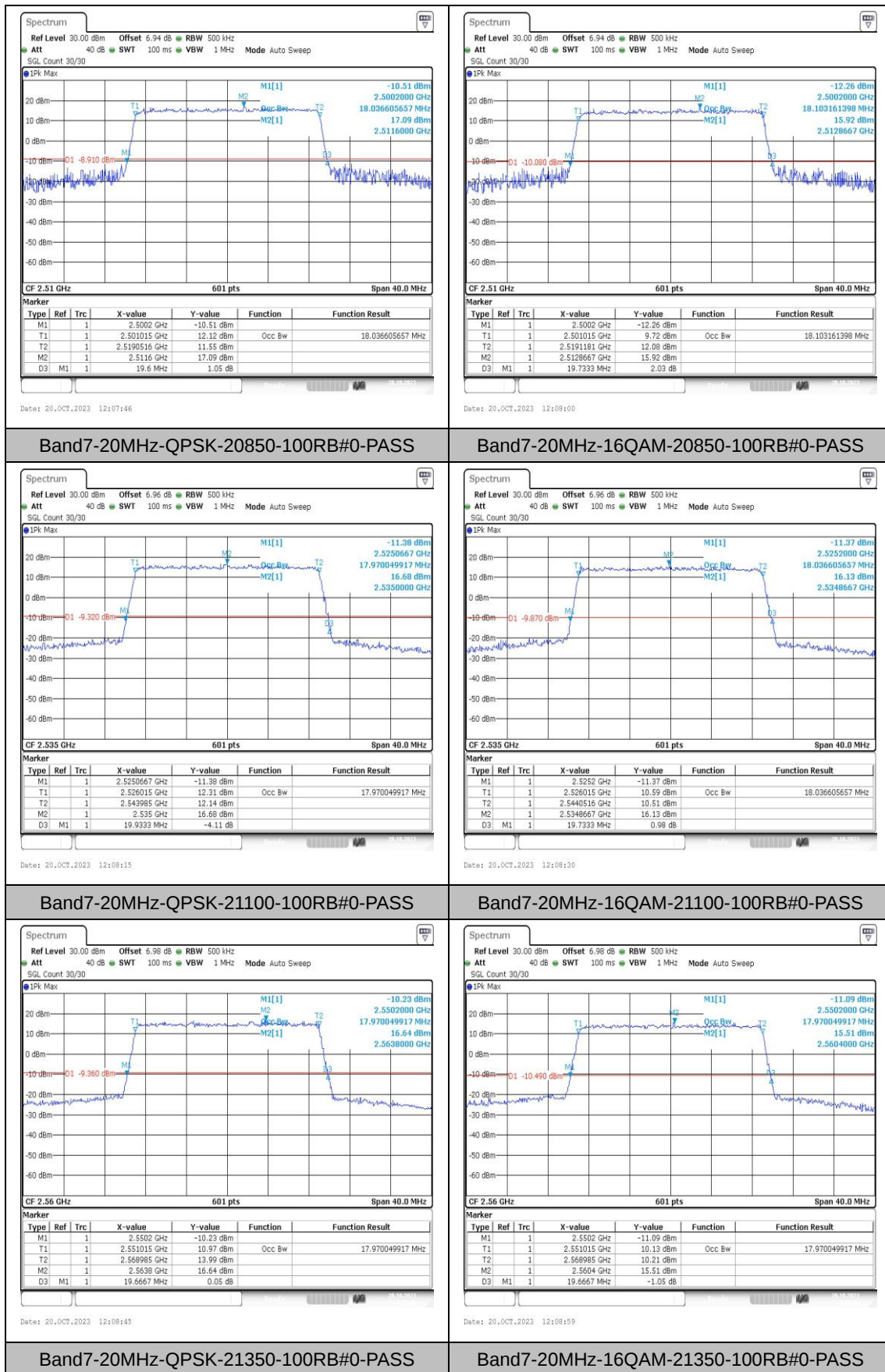


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Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-16.41	PASS
Band7	5MHz	16QAM	20775	1RB#0	-16.90	PASS
Band7	5MHz	QPSK	20775	1RB#24	-25.46	PASS
Band7	5MHz	16QAM	20775	1RB#24	-25.78	PASS
Band7	5MHz	QPSK	20775	25RB#0	-21.15	PASS
Band7	5MHz	16QAM	20775	25RB#0	-23.11	PASS
Band7	5MHz	QPSK	21425	1RB#0	-25.01	PASS
Band7	5MHz	16QAM	21425	1RB#0	-26.30	PASS
Band7	5MHz	QPSK	21425	1RB#24	-16.68	PASS
Band7	5MHz	16QAM	21425	1RB#24	-18.52	PASS
Band7	5MHz	QPSK	21425	25RB#0	-36.68	PASS
Band7	5MHz	16QAM	21425	25RB#0	-36.98	PASS
Band7	10MHz	QPSK	20800	1RB#0	-20.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	-20.28	PASS
Band7	10MHz	QPSK	20800	1RB#49	-26.47	PASS
Band7	10MHz	16QAM	20800	1RB#49	-27.31	PASS
Band7	10MHz	QPSK	20800	50RB#0	-38.53	PASS
Band7	10MHz	16QAM	20800	50RB#0	-38.37	PASS
Band7	10MHz	QPSK	21400	1RB#0	-26.63	PASS
Band7	10MHz	16QAM	21400	1RB#0	-27.59	PASS
Band7	10MHz	QPSK	21400	1RB#49	-19.83	PASS
Band7	10MHz	16QAM	21400	1RB#49	-19.96	PASS
Band7	10MHz	QPSK	21400	50RB#0	-39.55	PASS
Band7	10MHz	16QAM	21400	50RB#0	-39.18	PASS
Band7	15MHz	QPSK	20825	1RB#0	-21.10	PASS
Band7	15MHz	16QAM	20825	1RB#0	-21.16	PASS
Band7	15MHz	QPSK	20825	1RB#74	-26.45	PASS
Band7	15MHz	16QAM	20825	1RB#74	-27.20	PASS
Band7	15MHz	QPSK	20825	75RB#0	-39.85	PASS
Band7	15MHz	16QAM	20825	75RB#0	-40.48	PASS
Band7	15MHz	QPSK	21375	1RB#0	-25.94	PASS
Band7	15MHz	16QAM	21375	1RB#0	-26.95	PASS
Band7	15MHz	QPSK	21375	1RB#74	-21.61	PASS
Band7	15MHz	16QAM	21375	1RB#74	-22.16	PASS
Band7	15MHz	QPSK	21375	75RB#0	-40.12	PASS
Band7	15MHz	16QAM	21375	75RB#0	-39.98	PASS

Band7	20MHz	QPSK	20850	1RB#0	-21.49	PASS
Band7	20MHz	16QAM	20850	1RB#0	-21.68	PASS
Band7	20MHz	QPSK	20850	1RB#99	-30.43	PASS
Band7	20MHz	16QAM	20850	1RB#99	-43.54	PASS
Band7	20MHz	QPSK	20850	100RB#0	-42.26	PASS
Band7	20MHz	16QAM	20850	100RB#0	-42.53	PASS
Band7	20MHz	QPSK	21350	1RB#0	-28.15	PASS
Band7	20MHz	16QAM	21350	1RB#0	-29.55	PASS
Band7	20MHz	QPSK	21350	1RB#99	-21.98	PASS
Band7	20MHz	16QAM	21350	1RB#99	-22.36	PASS
Band7	20MHz	QPSK	21350	100RB#0	-42.19	PASS
Band7	20MHz	16QAM	21350	100RB#0	-41.75	PASS

Test Graphs

