

Appendix for LTE Band 7

Product Name: Tablet

Model No: MDT665

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.96	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.99	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.98	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.96	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.98	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.01	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.97	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.97	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.96	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.99	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.01	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.96	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.11	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.68	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.87	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.85	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.65	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.71	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.72	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.83	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.69	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.83	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.72	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.79	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.83	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.79	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.89	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.64	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.81	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.83	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.62	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.88	PASS

Band7	5MHz	16QAM	21425	12RB#0	20.95	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.90	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.93	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.90	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.81	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.94	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.02	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.52	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.51	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.61	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.60	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.52	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.50	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.51	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.54	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.52	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.55	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.62	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.64	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.54	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.56	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.75	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.52	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.97	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.70	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.75	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.57	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.74	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.83	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.72	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.81	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.79	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.86	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.74	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.83	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.85	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.60	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.93	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.73	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.90	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.61	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.97	PASS

Band7	10MHz	16QAM	21400	25RB#0	21.03	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.98	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.05	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.79	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.90	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.88	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.91	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.47	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.49	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.54	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.58	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.46	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.44	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.59	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.58	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.57	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.57	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.57	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.57	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.57	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.51	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.59	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.75	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.70	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.84	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.63	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.74	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.74	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.75	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.79	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.80	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.77	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.79	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.80	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.81	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.83	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.57	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.89	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.63	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.74	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.47	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.89	PASS

Band7	15MHz	16QAM	21375	38RB#0	21.90	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.91	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.92	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.92	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.93	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.93	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.94	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.24	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.12	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.56	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.35	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.18	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.09	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.27	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.20	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.25	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.21	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.29	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.21	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.26	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.18	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.31	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.37	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.36	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.87	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.69	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.10	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.20	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.19	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.18	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.23	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.98	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.17	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.96	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.89	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.48	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.03	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.01	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.75	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.55	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.79	PASS

Band7	20MHz	16QAM	21350	50RB#0	21.07	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.28	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.23	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.15	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.22	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.25	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.27	PASS

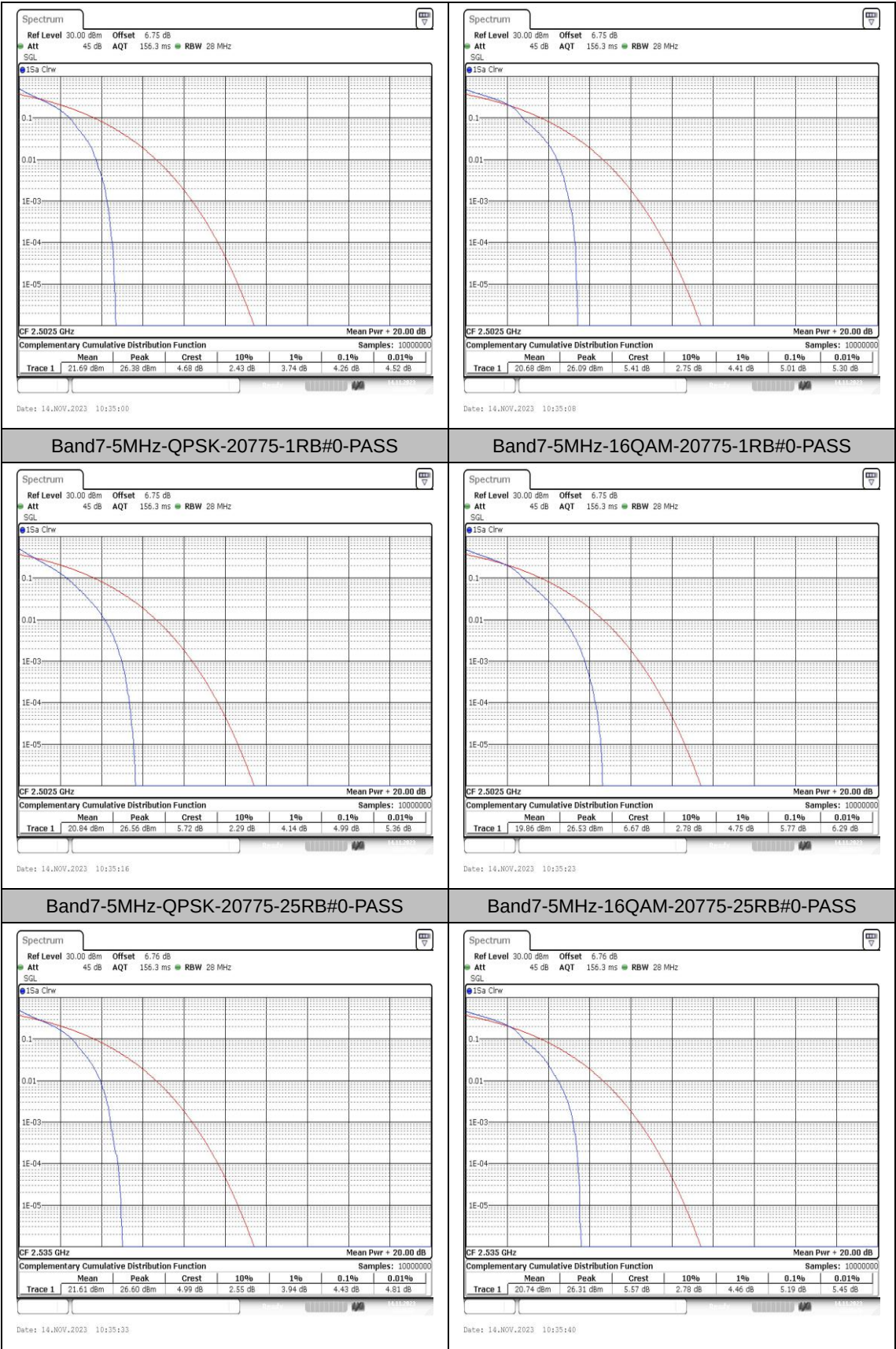
Appendix B: Peak-to-Average Ratio(CCDF)

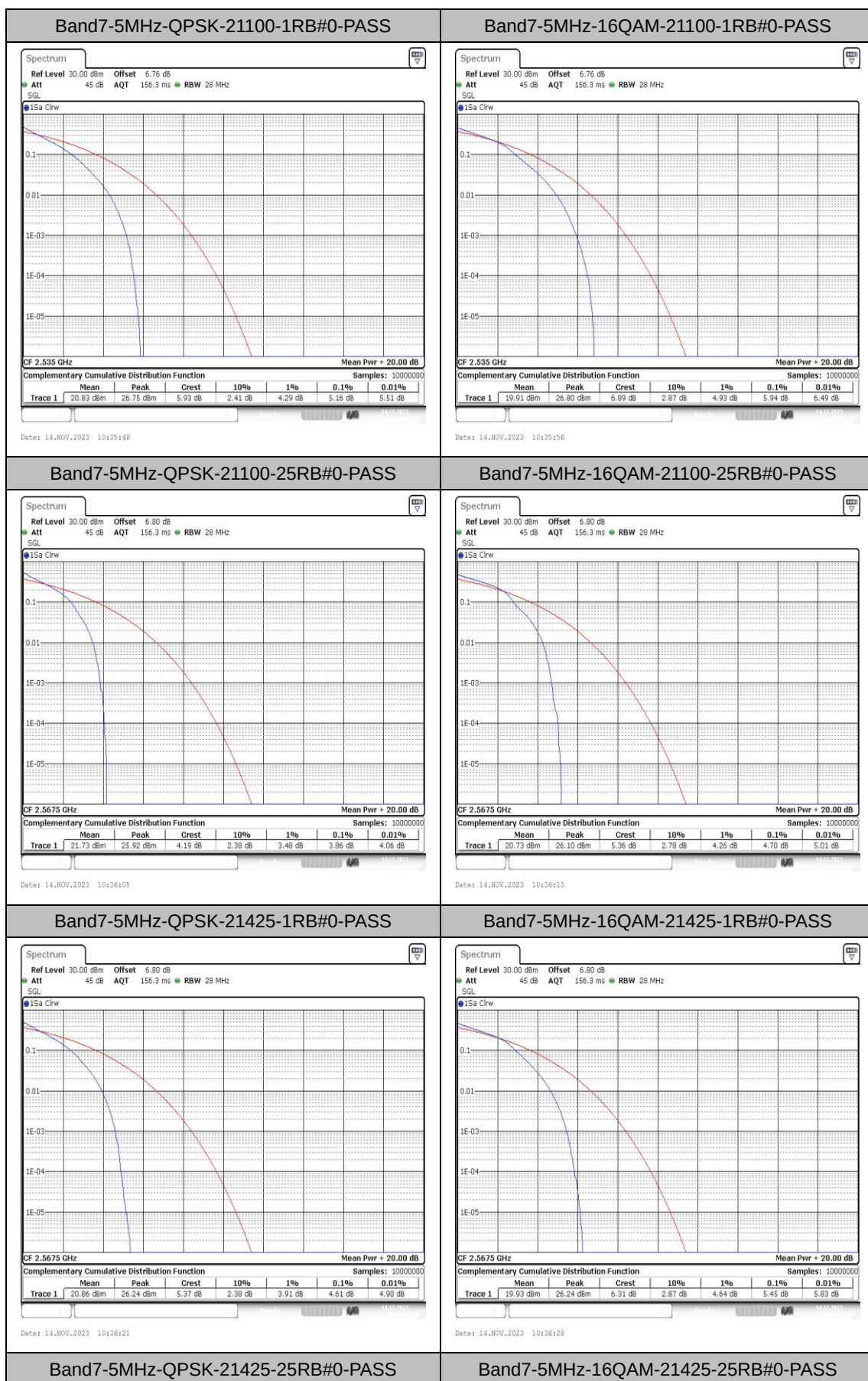
Test Result

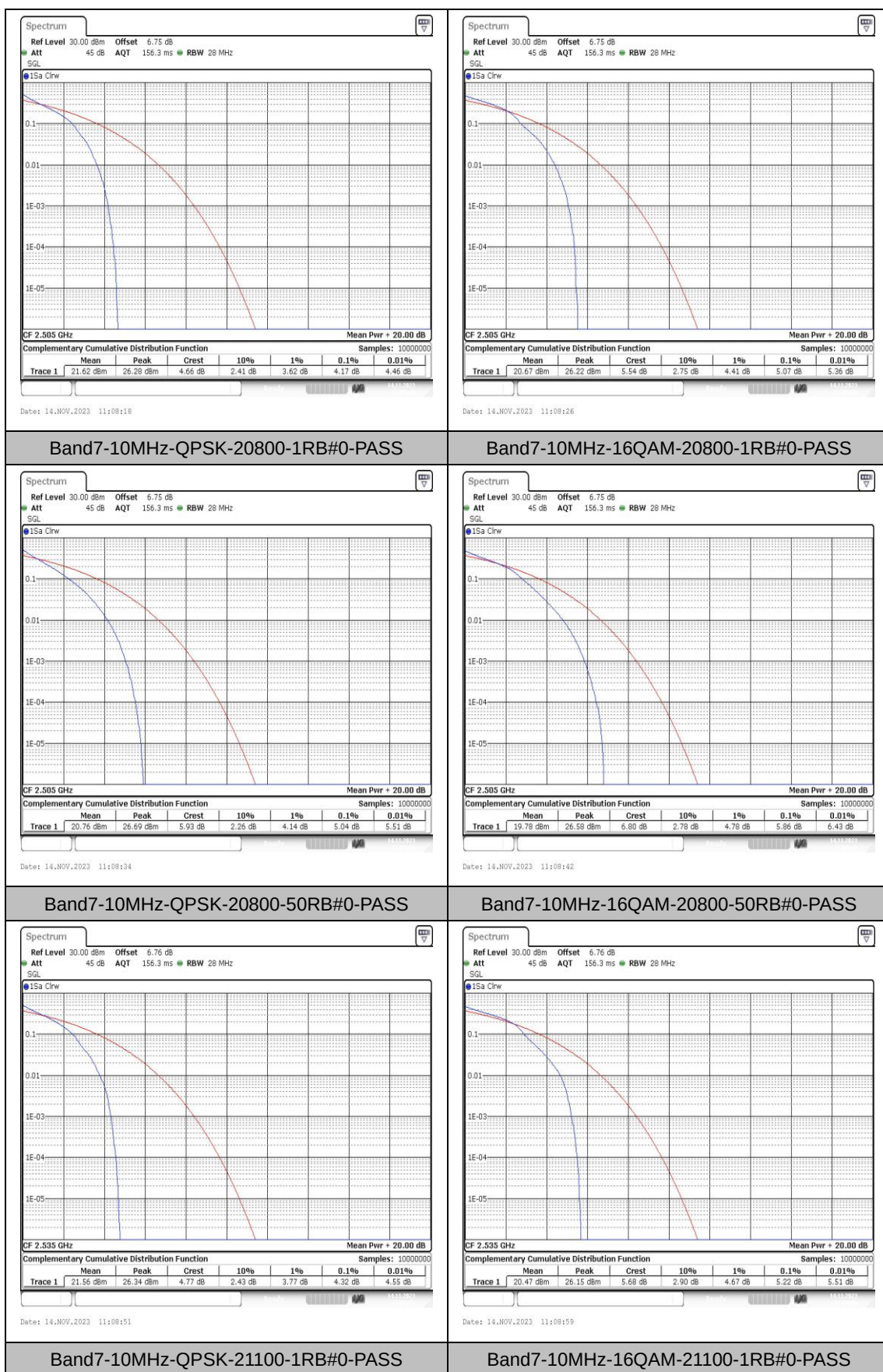
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.26	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.01	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.99	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.77	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.43	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.19	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.16	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.94	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.86	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.70	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.61	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.45	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.17	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.07	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.04	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.86	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.32	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.22	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.10	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.97	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.14	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.25	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.75	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.62	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.20	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.10	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.28	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.94	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.43	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.33	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.33	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.00	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.23	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.39	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.01	13	PASS

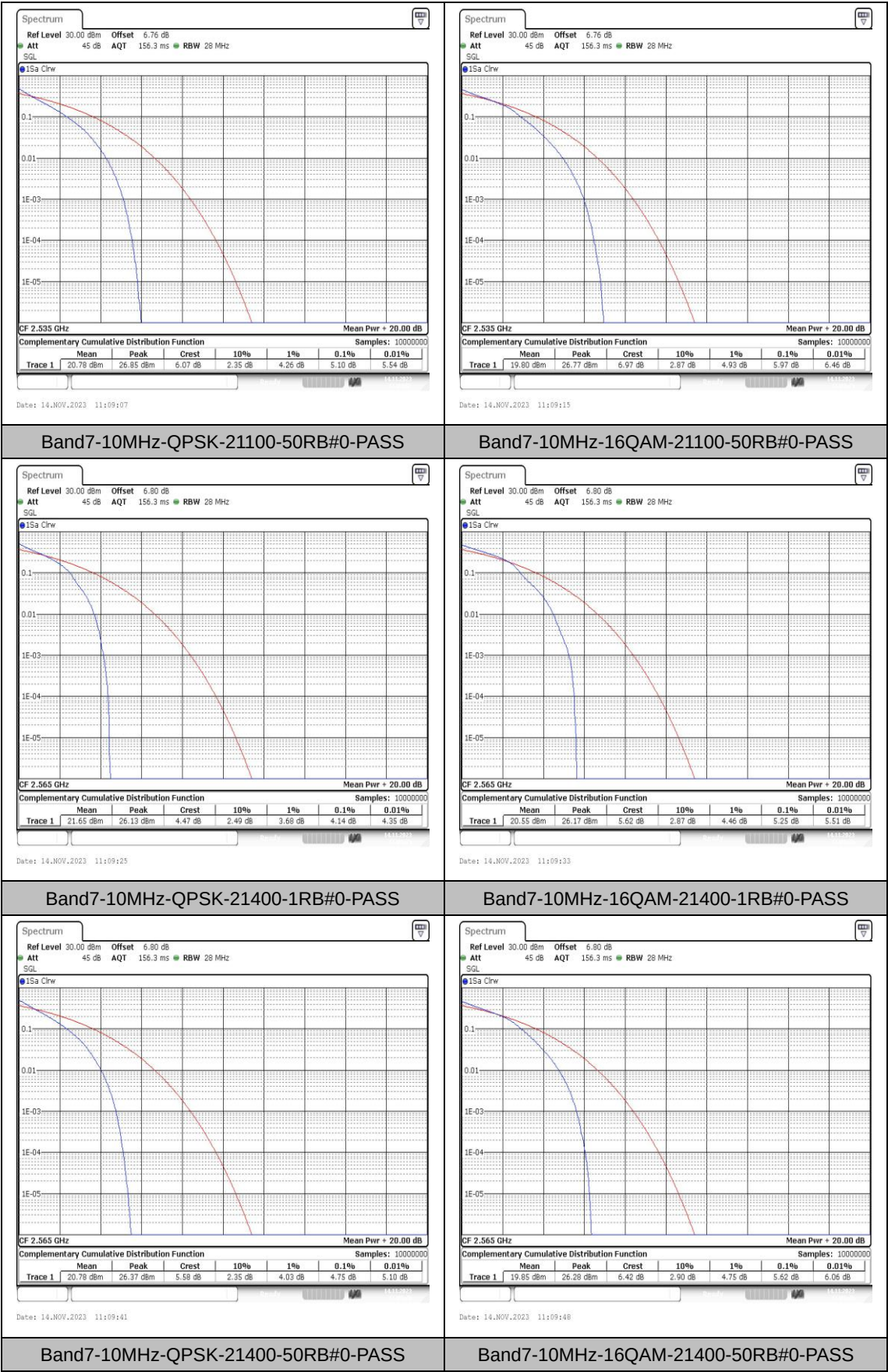
Band7	15MHz	16QAM	21375	75RB#0	5.74	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.26	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.01	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.04	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.88	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.55	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.48	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.16	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.97	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.43	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.51	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.99	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.86	13	PASS

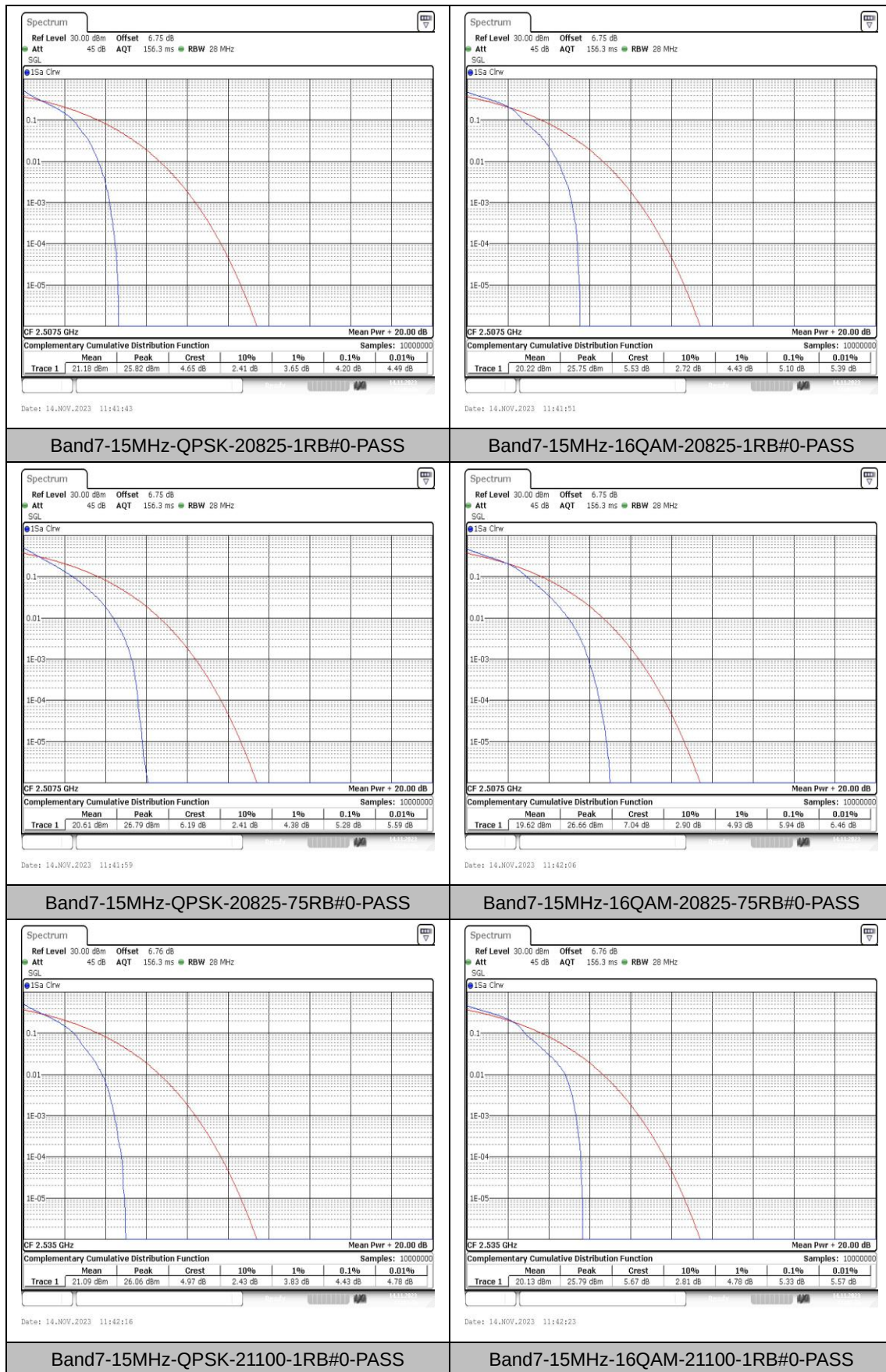
Test Graphs

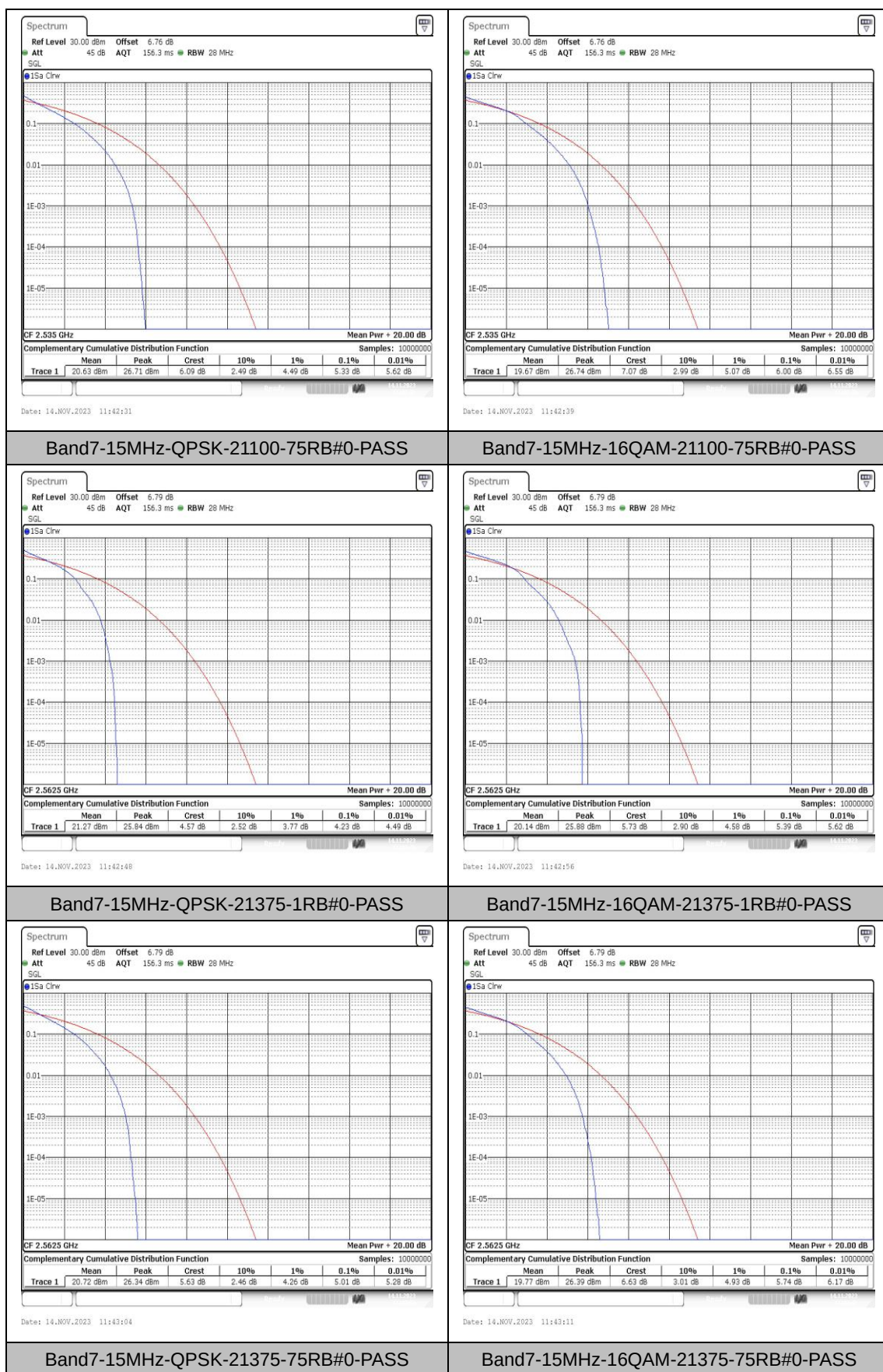


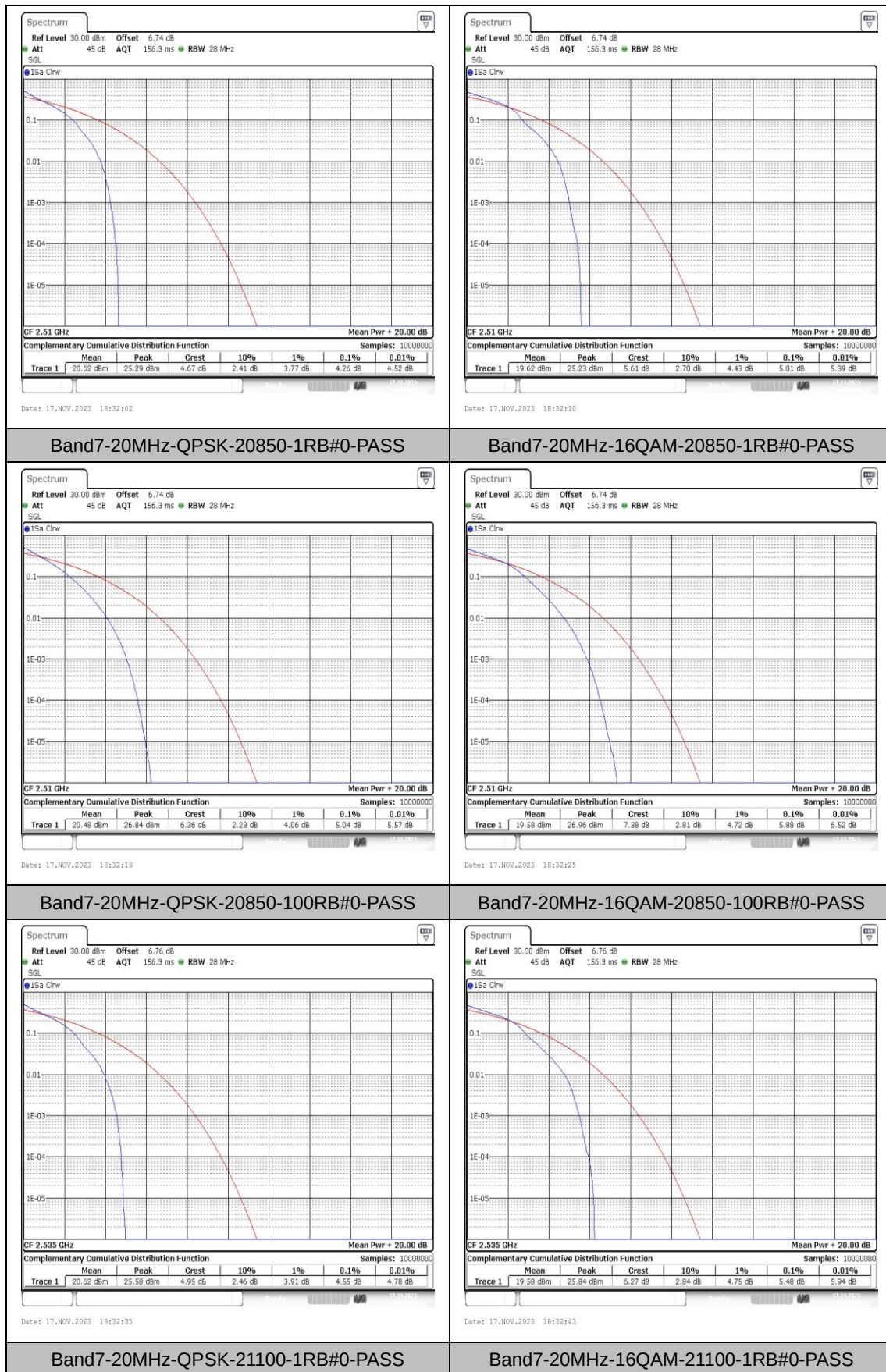


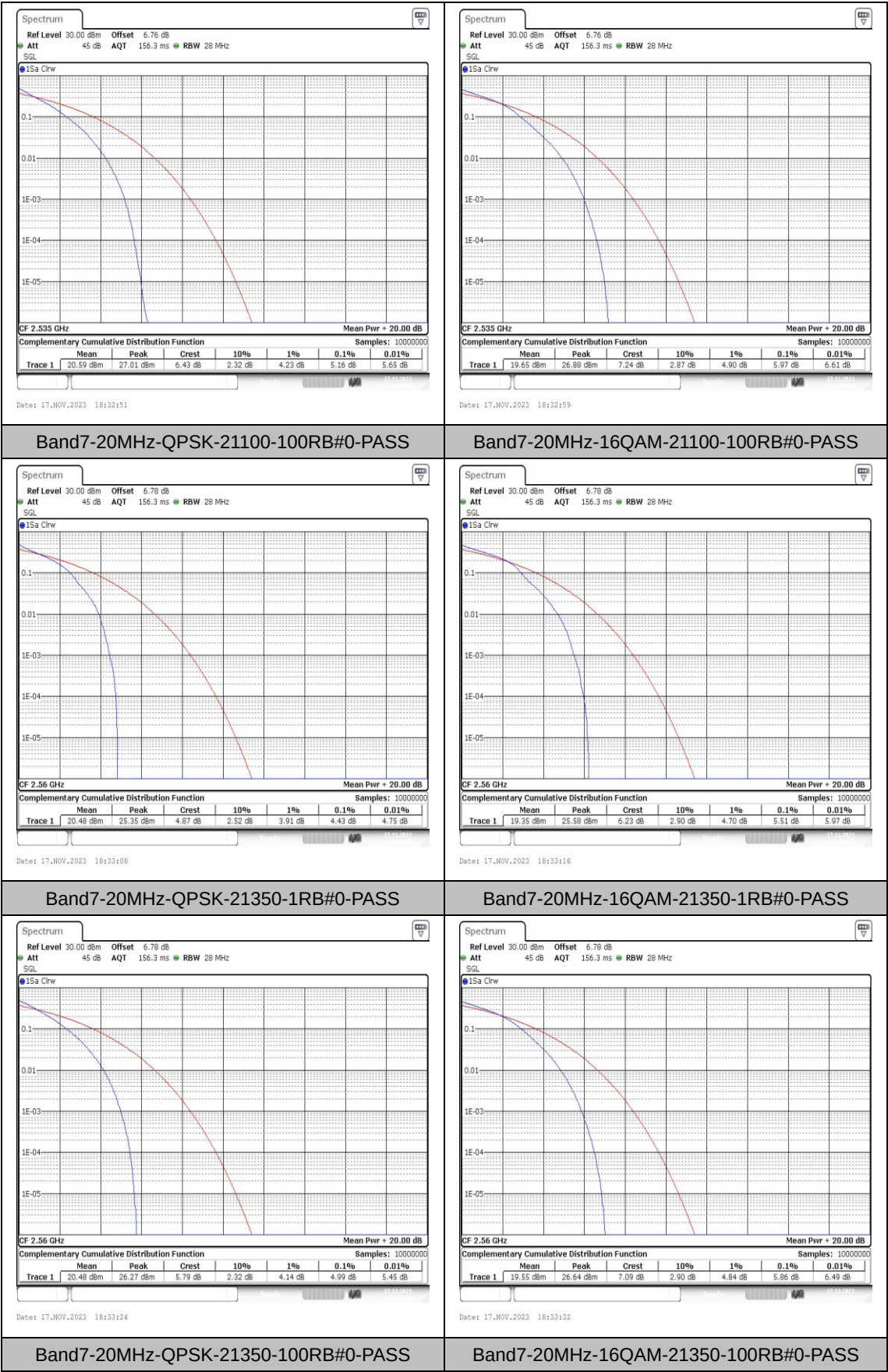










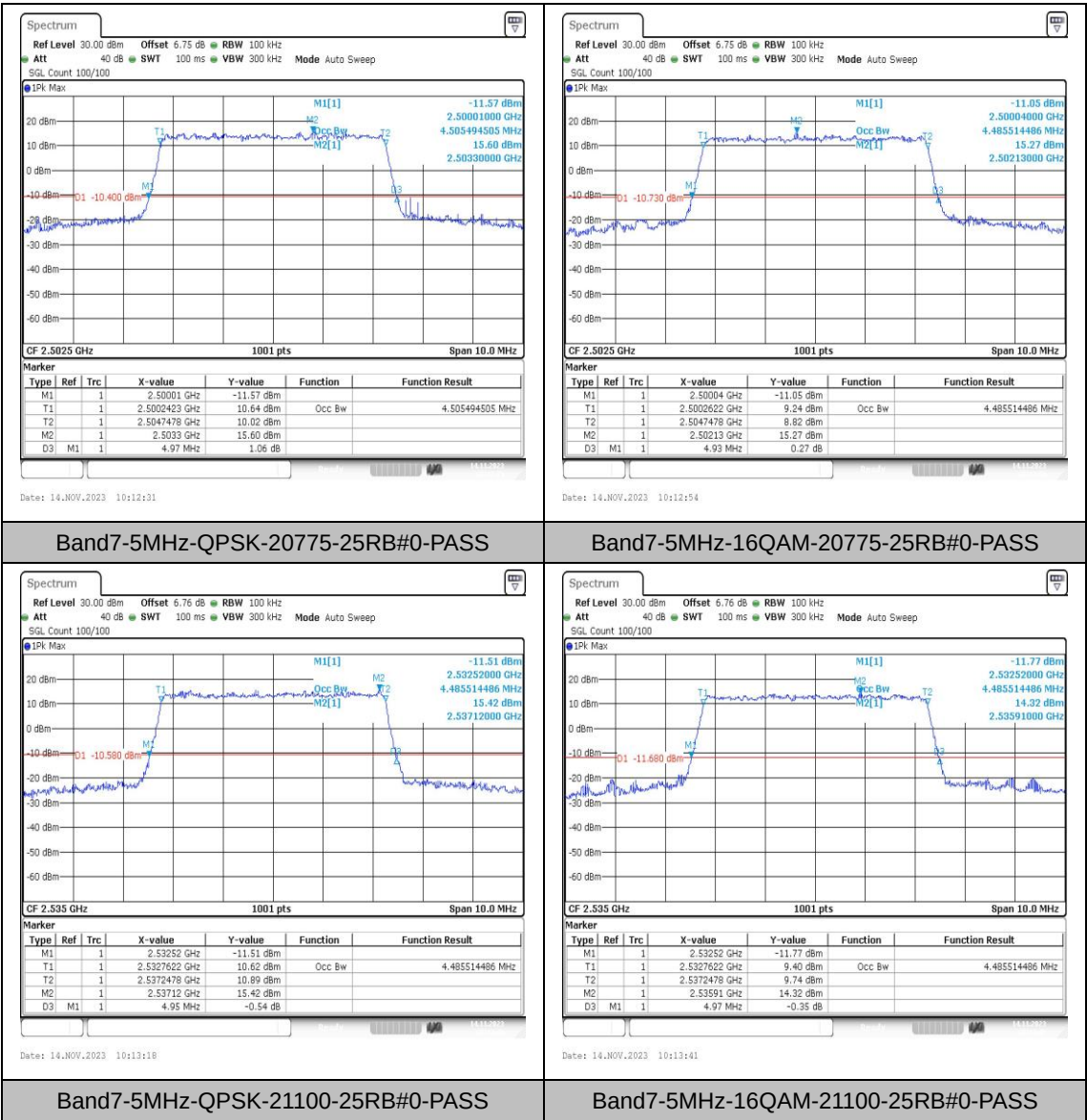


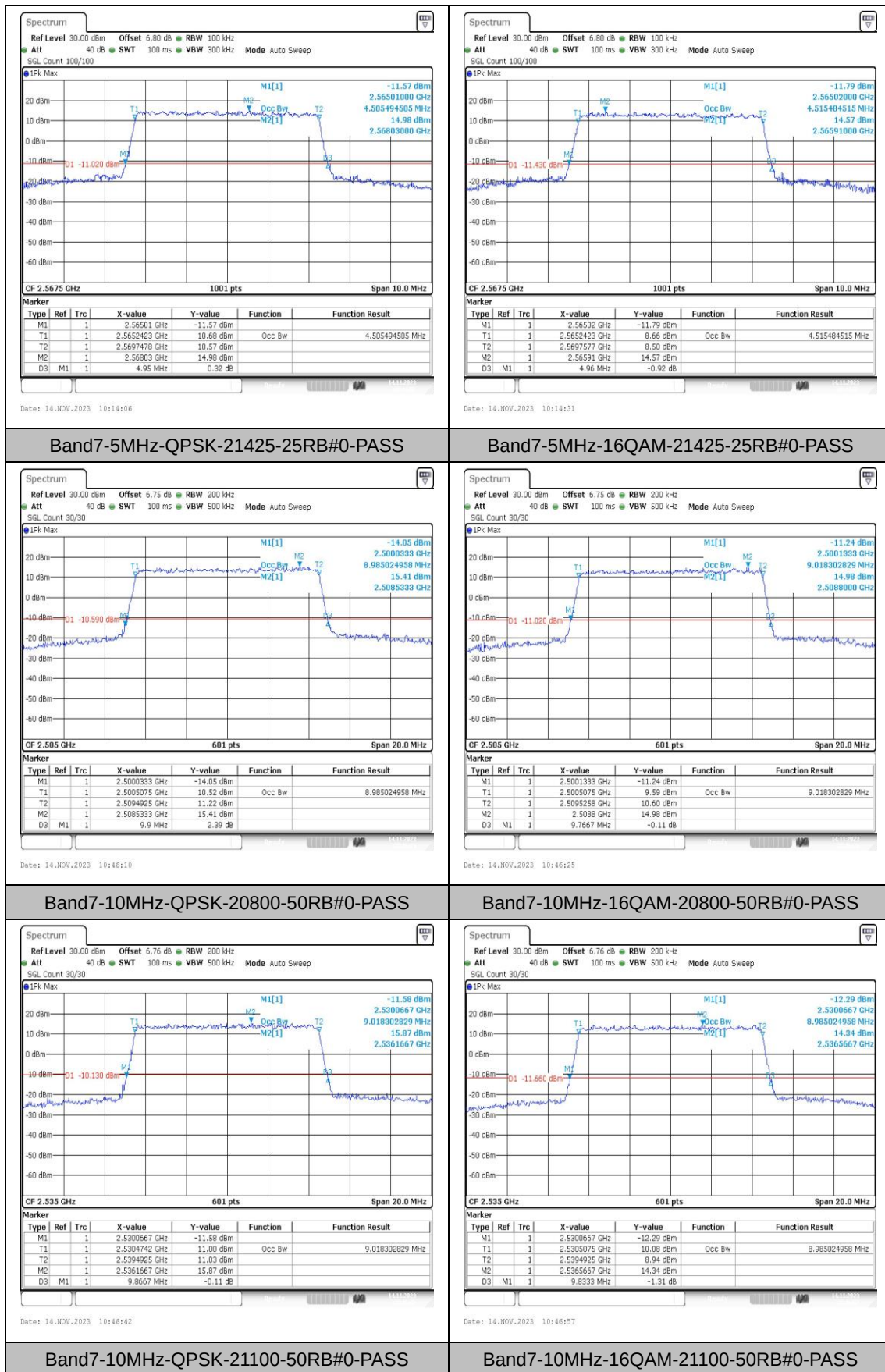
Appendix C: 26dB Bandwidth and Occupied Bandwidth

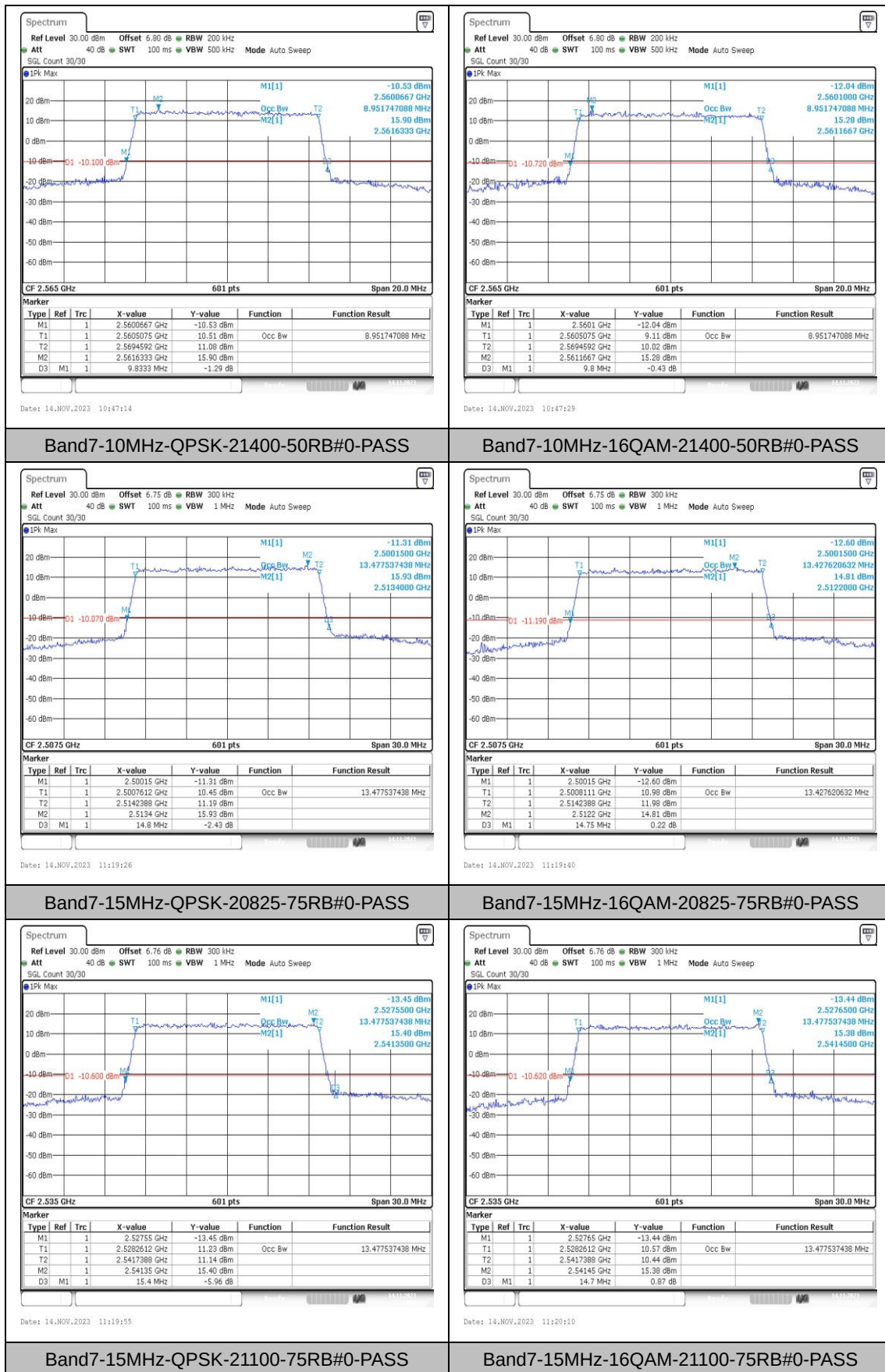
Test Result

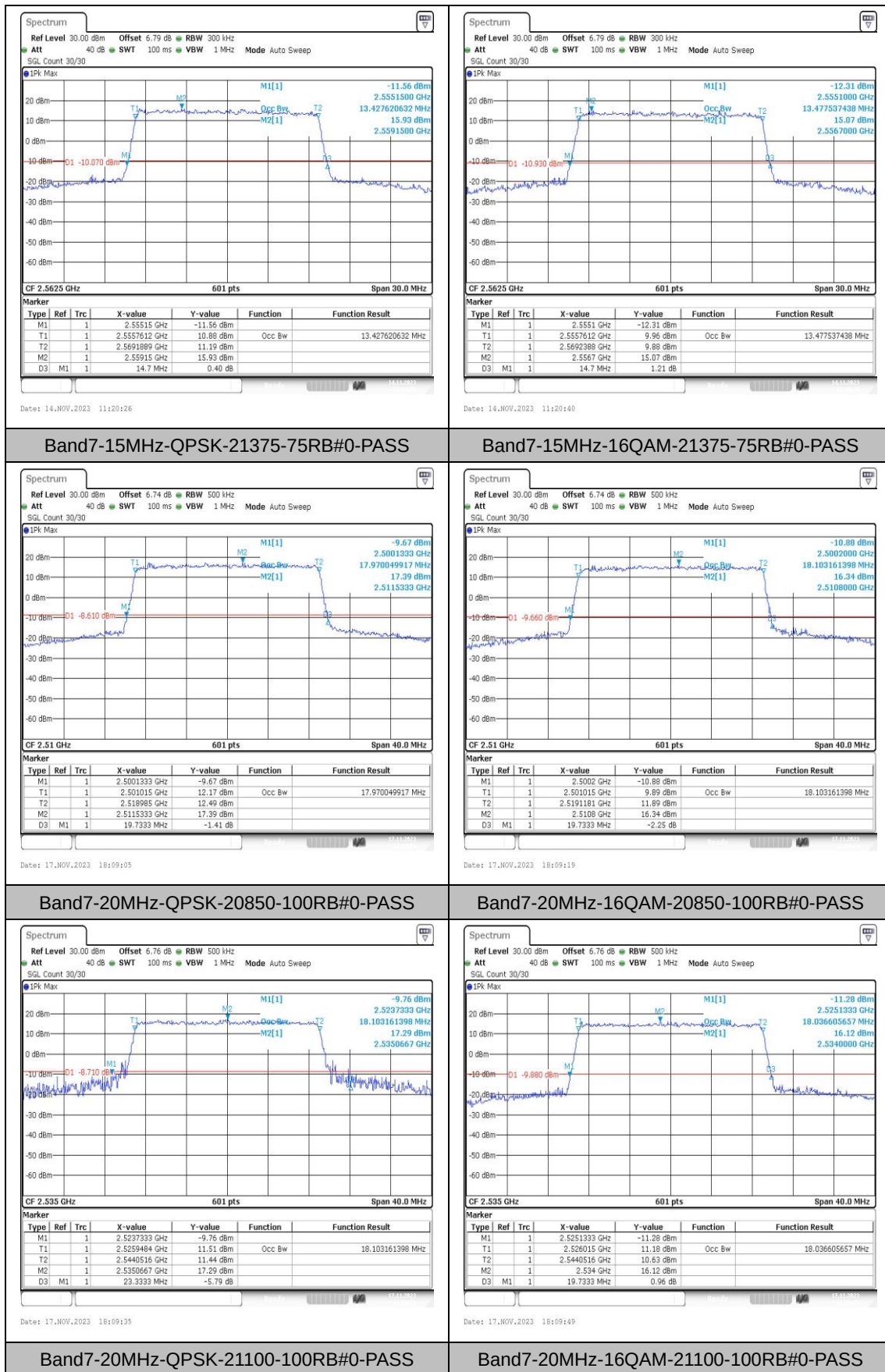
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.505	4.97	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.93	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.486	4.95	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.486	4.97	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.505	4.95	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.515	4.96	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.90	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.018	9.77	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.018	9.87	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.985	9.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.952	9.83	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.952	9.80	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.80	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.428	14.75	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	15.40	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.428	14.70	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.70	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.97	19.73	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.103	19.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.103	23.33	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.037	19.73	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.97	19.60	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.97	19.73	PASS

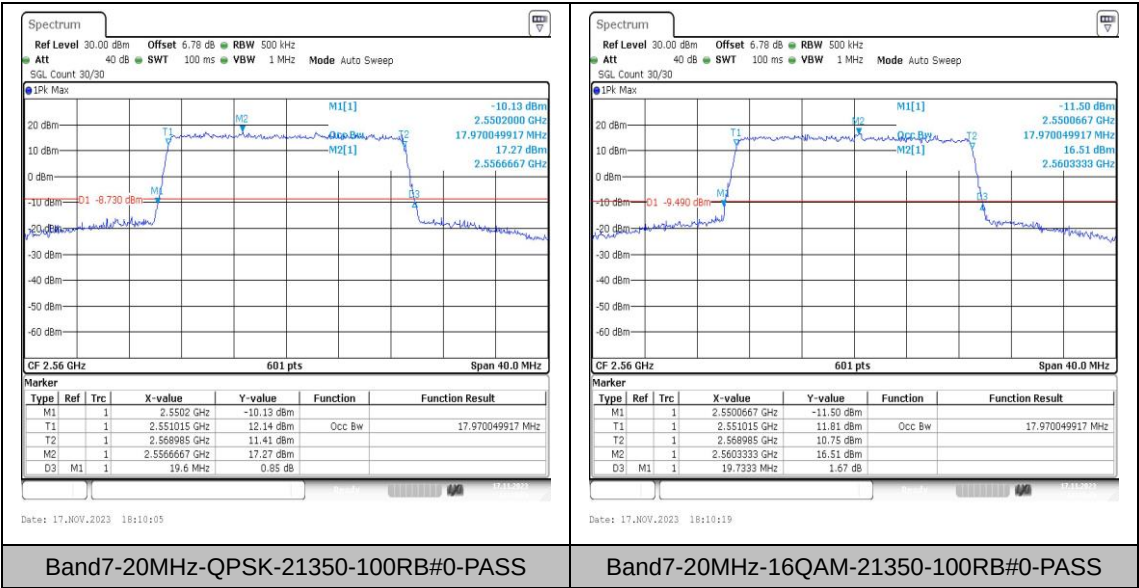
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-17.54	PASS
Band7	5MHz	16QAM	20775	1RB#0	-18.54	PASS
Band7	5MHz	QPSK	20775	1RB#24	-23.85	PASS
Band7	5MHz	16QAM	20775	1RB#24	-25.44	PASS
Band7	5MHz	QPSK	20775	25RB#0	-21.25	PASS
Band7	5MHz	16QAM	20775	25RB#0	-23.53	PASS
Band7	5MHz	QPSK	21425	1RB#0	-25.46	PASS
Band7	5MHz	16QAM	21425	1RB#0	-25.23	PASS
Band7	5MHz	QPSK	21425	1RB#24	-17.52	PASS
Band7	5MHz	16QAM	21425	1RB#24	-18.49	PASS
Band7	5MHz	QPSK	21425	25RB#0	-20.57	PASS
Band7	5MHz	16QAM	21425	25RB#0	-36.23	PASS
Band7	10MHz	QPSK	20800	1RB#0	-20.16	PASS
Band7	10MHz	16QAM	20800	1RB#0	-21.47	PASS
Band7	10MHz	QPSK	20800	1RB#49	-25.82	PASS
Band7	10MHz	16QAM	20800	1RB#49	-27.08	PASS
Band7	10MHz	QPSK	20800	50RB#0	-24.02	PASS
Band7	10MHz	16QAM	20800	50RB#0	-26.40	PASS
Band7	10MHz	QPSK	21400	1RB#0	-26.91	PASS
Band7	10MHz	16QAM	21400	1RB#0	-26.76	PASS
Band7	10MHz	QPSK	21400	1RB#49	-19.71	PASS
Band7	10MHz	16QAM	21400	1RB#49	-21.12	PASS
Band7	10MHz	QPSK	21400	50RB#0	-37.54	PASS
Band7	10MHz	16QAM	21400	50RB#0	-37.08	PASS
Band7	15MHz	QPSK	20825	1RB#0	-21.33	PASS
Band7	15MHz	16QAM	20825	1RB#0	-21.87	PASS
Band7	15MHz	QPSK	20825	1RB#74	-24.88	PASS
Band7	15MHz	16QAM	20825	1RB#74	-24.99	PASS
Band7	15MHz	QPSK	20825	75RB#0	-24.51	PASS
Band7	15MHz	16QAM	20825	75RB#0	-41.27	PASS
Band7	15MHz	QPSK	21375	1RB#0	-28.35	PASS
Band7	15MHz	16QAM	21375	1RB#0	-28.99	PASS
Band7	15MHz	QPSK	21375	1RB#74	-20.99	PASS
Band7	15MHz	16QAM	21375	1RB#74	-22.59	PASS
Band7	15MHz	QPSK	21375	75RB#0	-27.03	PASS
Band7	15MHz	16QAM	21375	75RB#0	-40.53	PASS

Band7	20MHz	QPSK	20850	1RB#0	-22.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	-22.63	PASS
Band7	20MHz	QPSK	20850	1RB#99	-27.17	PASS
Band7	20MHz	16QAM	20850	1RB#99	-28.78	PASS
Band7	20MHz	QPSK	20850	100RB#0	-30.41	PASS
Band7	20MHz	16QAM	20850	100RB#0	-42.64	PASS
Band7	20MHz	QPSK	21350	1RB#0	-43.61	PASS
Band7	20MHz	16QAM	21350	1RB#0	-43.55	PASS
Band7	20MHz	QPSK	21350	1RB#99	-22.26	PASS
Band7	20MHz	16QAM	21350	1RB#99	-22.90	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.16	PASS
Band7	20MHz	16QAM	21350	100RB#0	-30.99	PASS

Test Graphs

