

Appendix for LTE BAND 7

Product Name: Tablet

Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.35	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.34	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.50	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.45	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.34	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.37	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.39	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.35	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.42	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.35	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.46	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.42	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.45	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.42	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.45	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.62	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.63	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.76	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.53	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.61	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.65	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.63	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.65	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.60	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.66	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.59	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.63	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.58	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.55	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.51	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.64	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.68	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.47	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.53	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.78	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.78	PASS

Band7	5MHz	QPSK	21425	12RB#6	21.73	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.77	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.56	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.62	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.72	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.69	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.44	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.48	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.57	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.61	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.45	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.50	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.45	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.44	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.48	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.42	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.59	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.52	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.47	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.65	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.51	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.79	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.68	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.63	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.48	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.73	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.68	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.68	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.72	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.64	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.63	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.68	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.66	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.69	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.49	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.77	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.65	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.62	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.44	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.91	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.85	PASS

Band7	10MHz	QPSK	21400	25RB#12	21.87	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.88	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.60	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.64	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.76	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.77	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.42	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.45	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.47	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.53	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.36	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.42	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.56	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.53	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.56	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.52	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.53	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.56	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.57	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.46	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.48	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.71	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.56	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.75	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.48	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.70	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.67	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.68	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.69	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.70	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.69	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.69	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.69	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.64	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.70	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.49	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.67	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.49	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.51	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.36	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.70	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.67	PASS

Band7	15MHz	QPSK	21375	38RB#18	21.66	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.68	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.73	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.74	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.70	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.63	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.40	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.35	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.60	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.49	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.43	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.37	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.32	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.32	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.33	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.26	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.52	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.44	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.42	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.41	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.57	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.70	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.80	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.91	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.51	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.71	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.72	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.68	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.74	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.67	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.65	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.65	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.68	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.64	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.60	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.46	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.66	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.63	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.46	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.28	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.78	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.78	PASS

Band7	20MHz	QPSK	21350	50RB#25	21.75	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.75	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.44	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.43	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.61	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.61	PASS

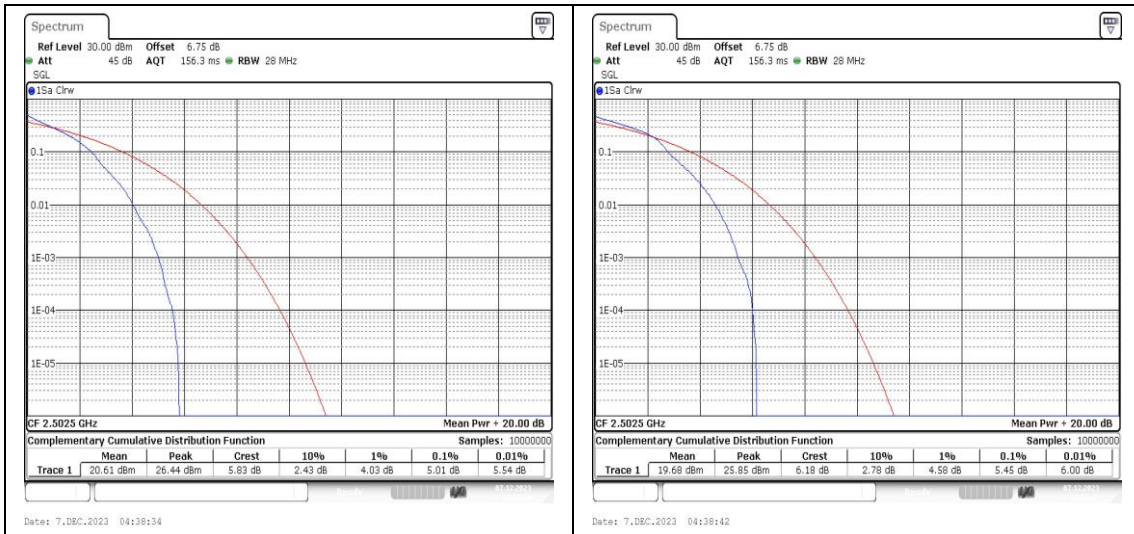
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

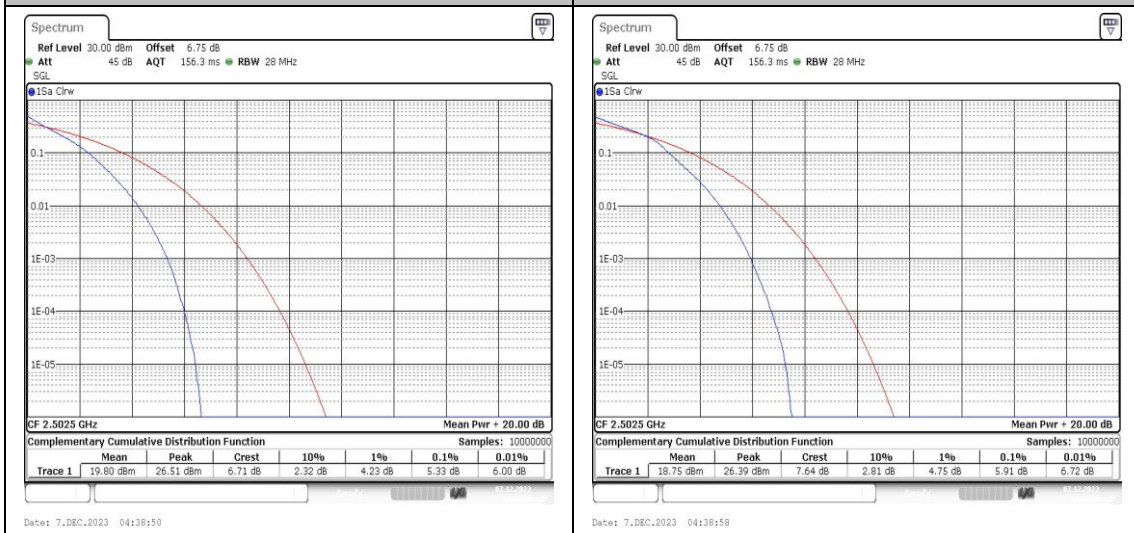
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.01	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.45	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.33	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.91	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.16	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.74	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.57	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.06	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.93	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.57	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.68	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.43	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.87	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.71	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.22	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.94	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.87	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.57	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.51	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.12	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.75	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.83	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.48	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.26	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.93	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.77	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.48	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.03	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.84	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.62	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.80	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.17	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.96	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.06	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.74	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.29	13	PASS

Band7	20MHz	QPSK	20850	1RB#0	4.84	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.39	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.10	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.94	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.78	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.57	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.48	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.20	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.19	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.17	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.36	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.17	13	PASS

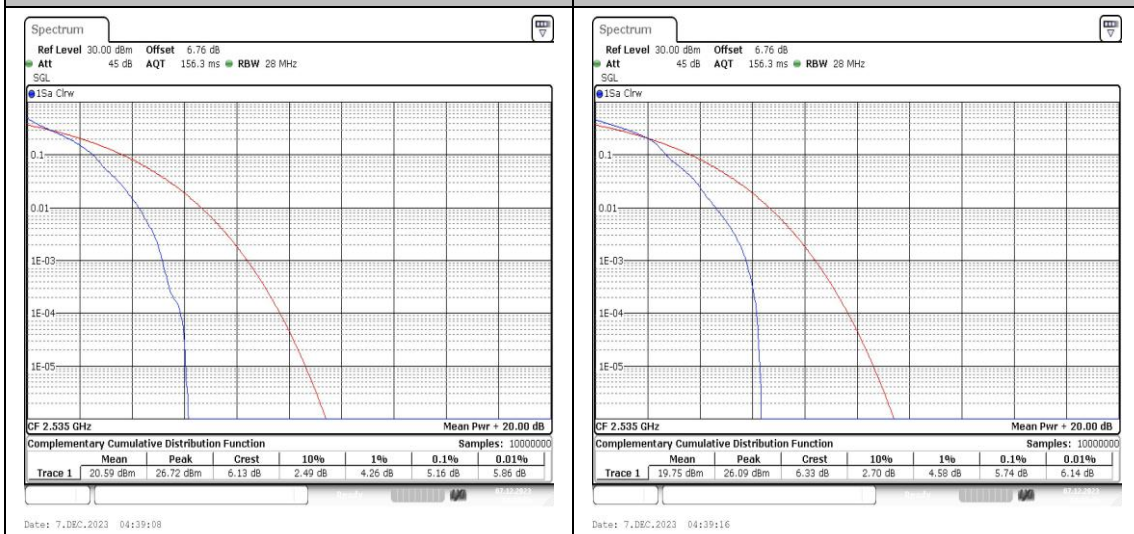
Test Graphs



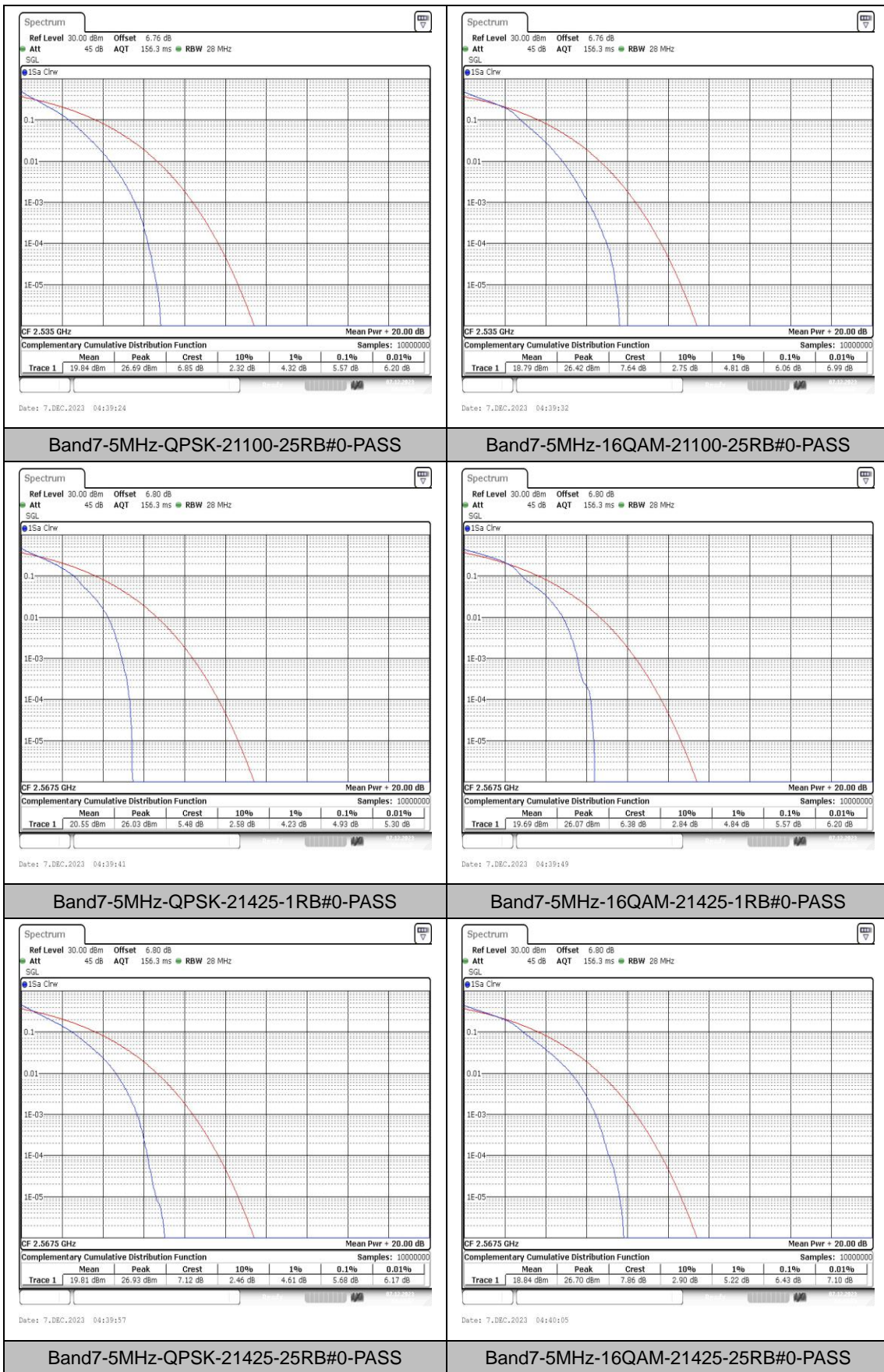
Band7-5MHz-QPSK-20775-1RB#0-PASS **Band7-5MHz-16QAM-20775-1RB#0-PASS**

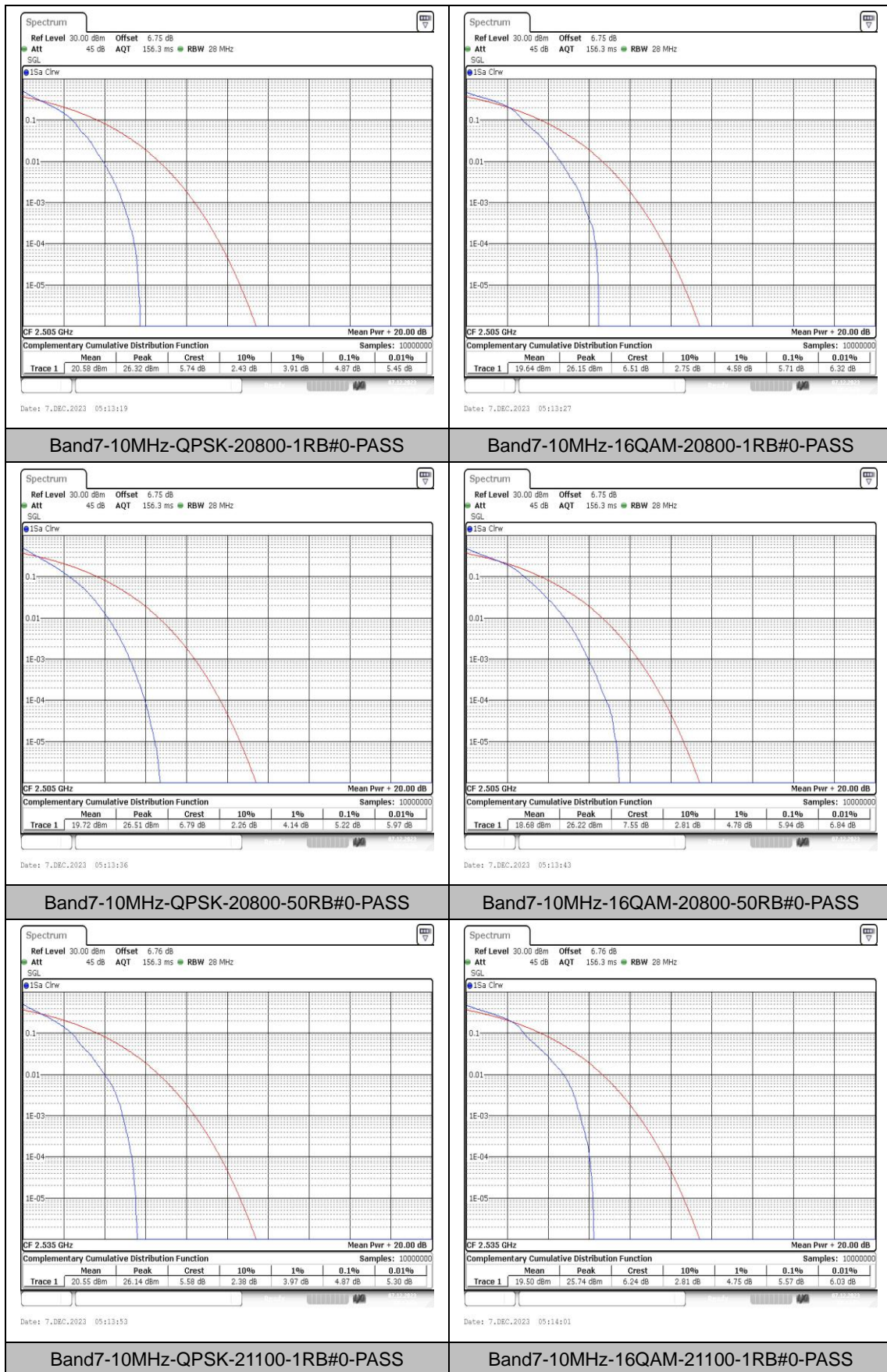


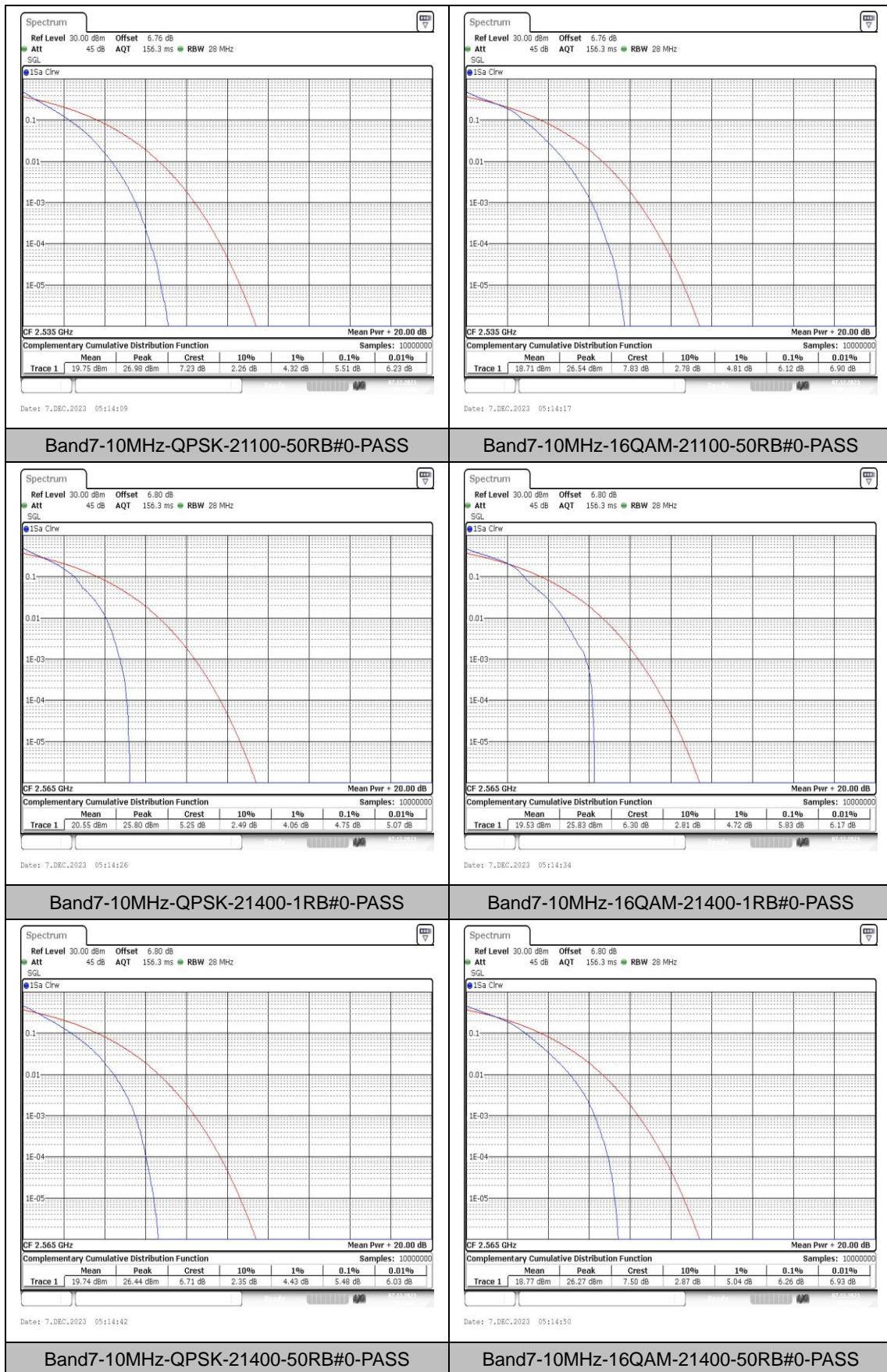
Band7-5MHz-QPSK-20775-25RB#0-PASS **Band7-5MHz-16QAM-20775-25RB#0-PASS**

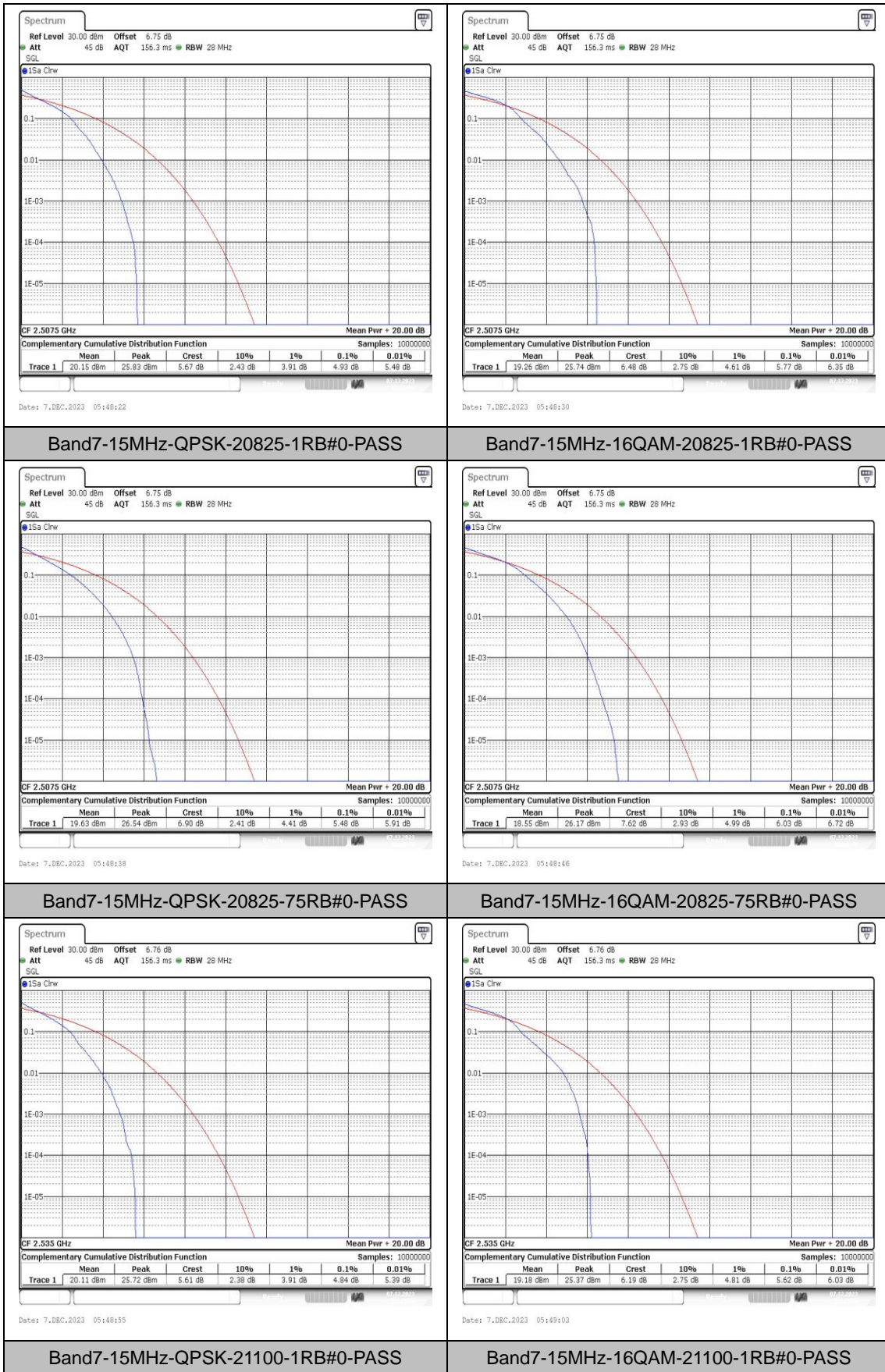


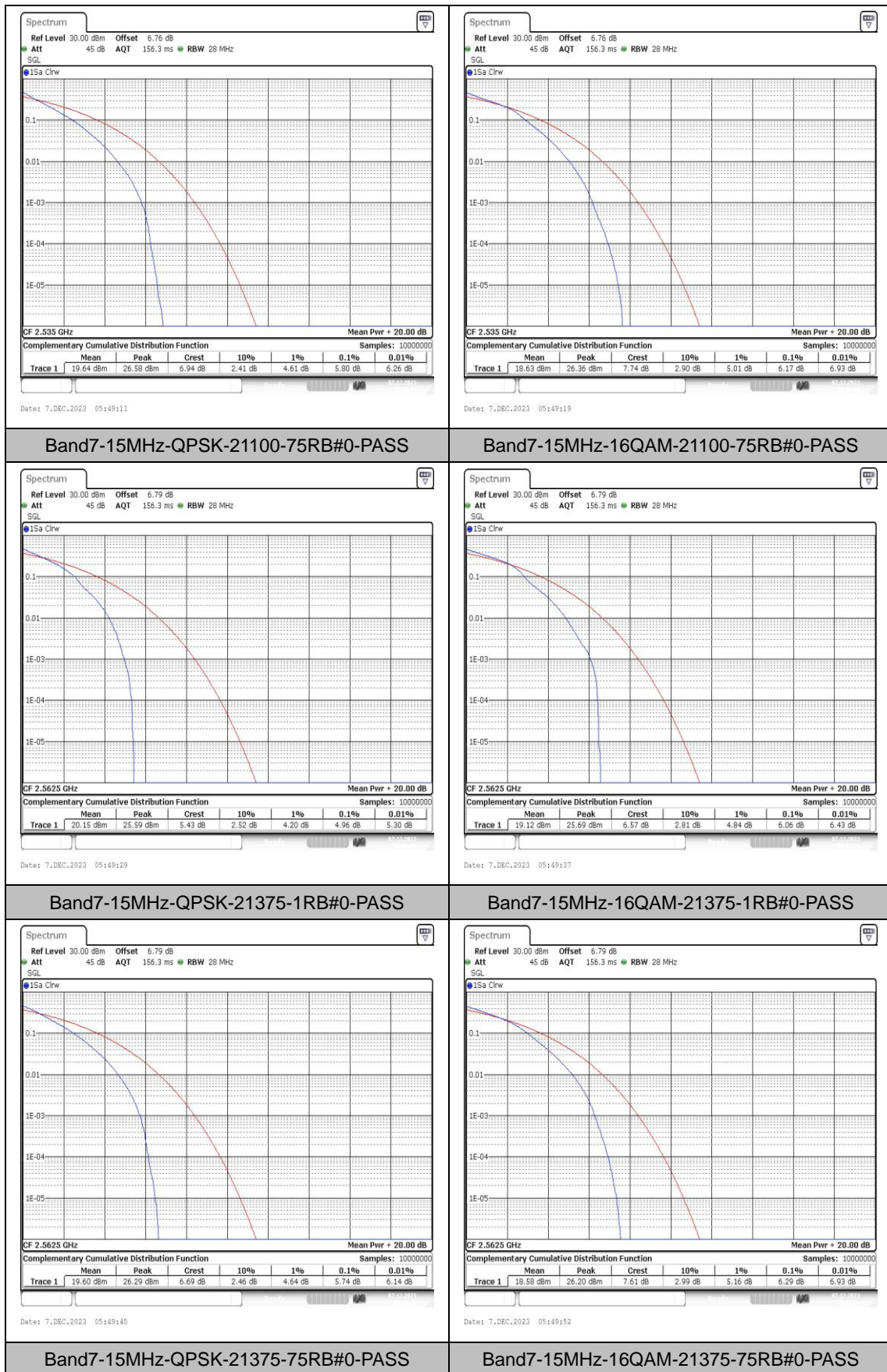
Band7-5MHz-QPSK-21100-1RB#0-PASS **Band7-5MHz-16QAM-21100-1RB#0-PASS**

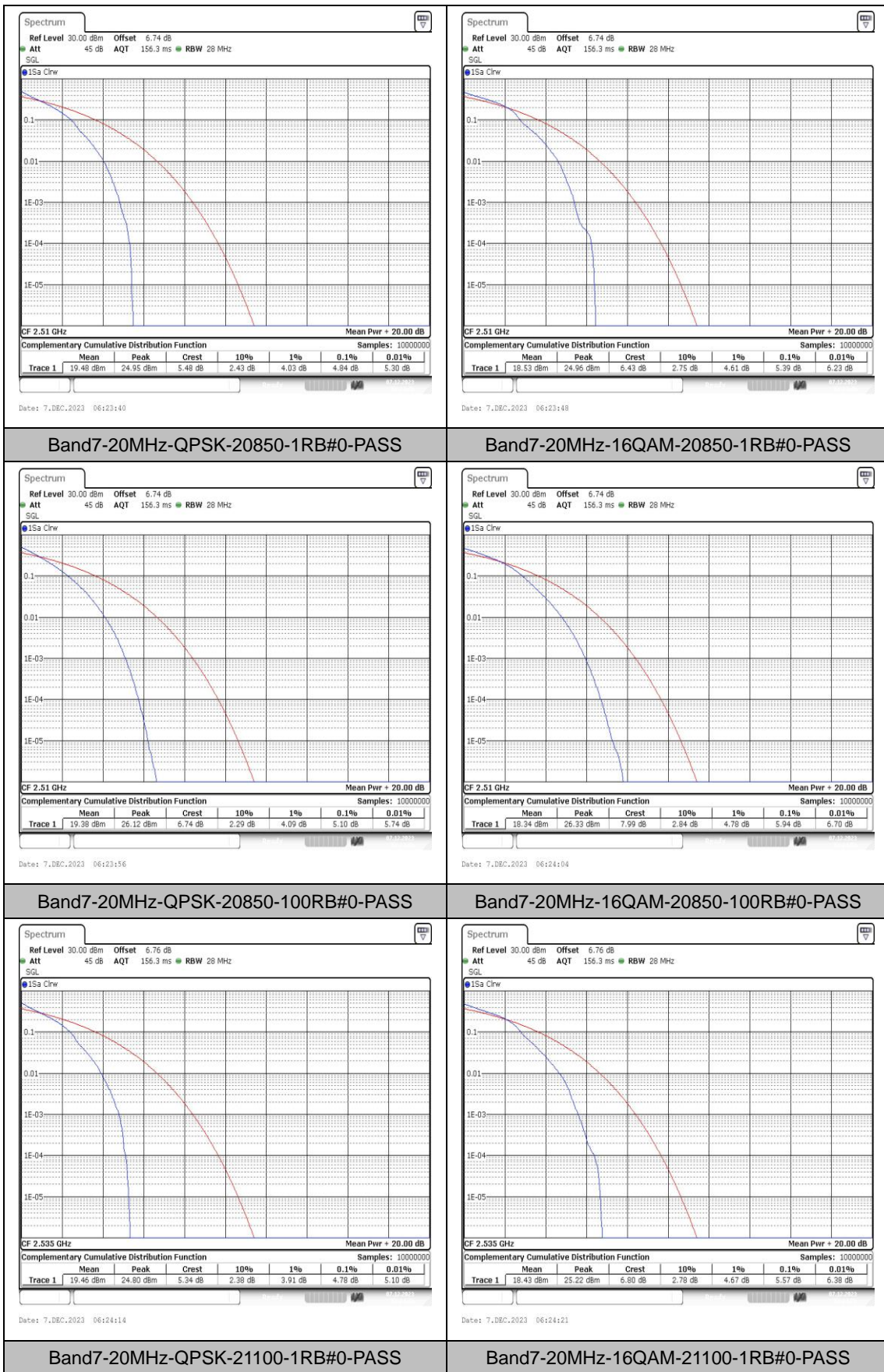


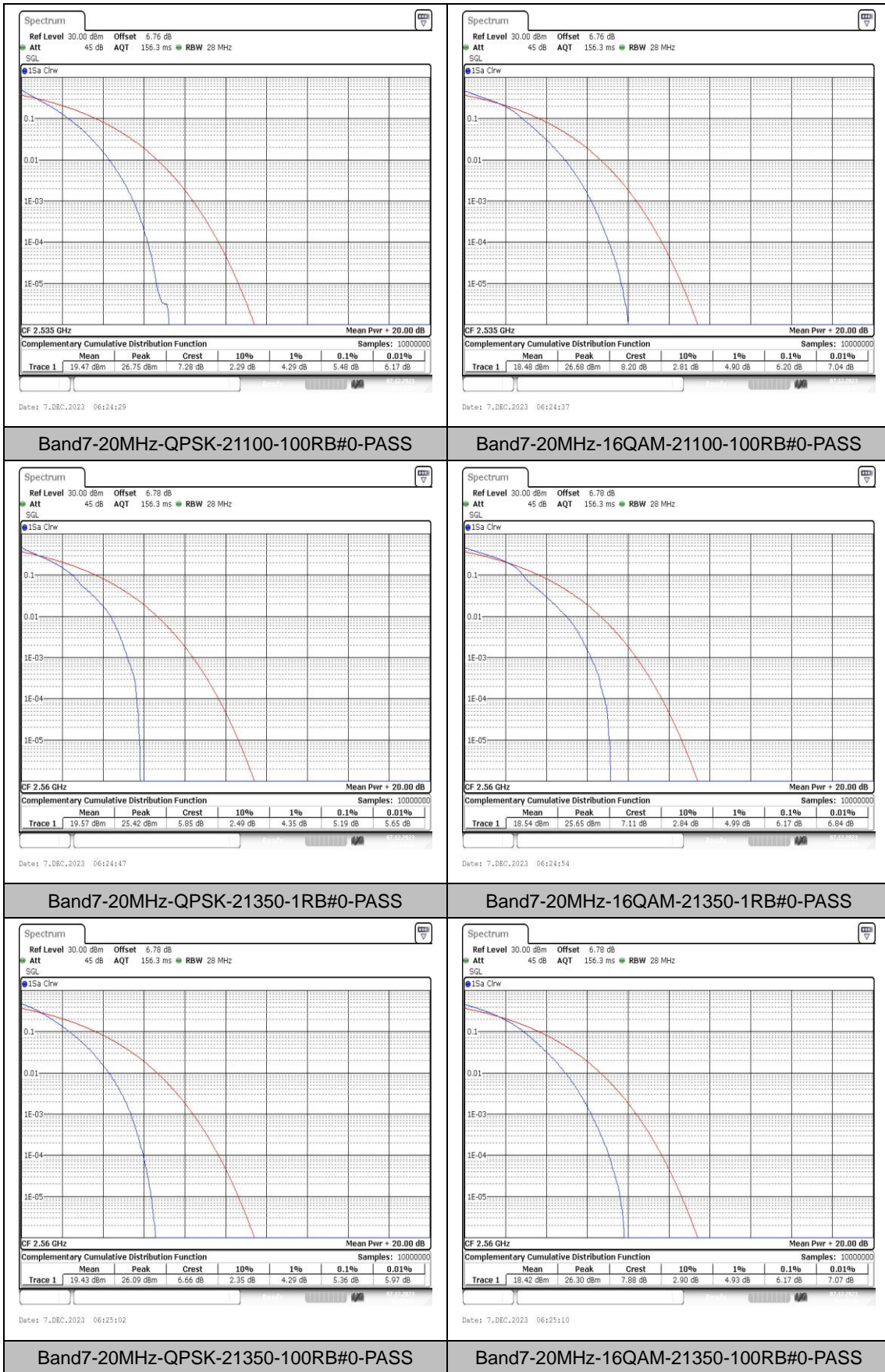










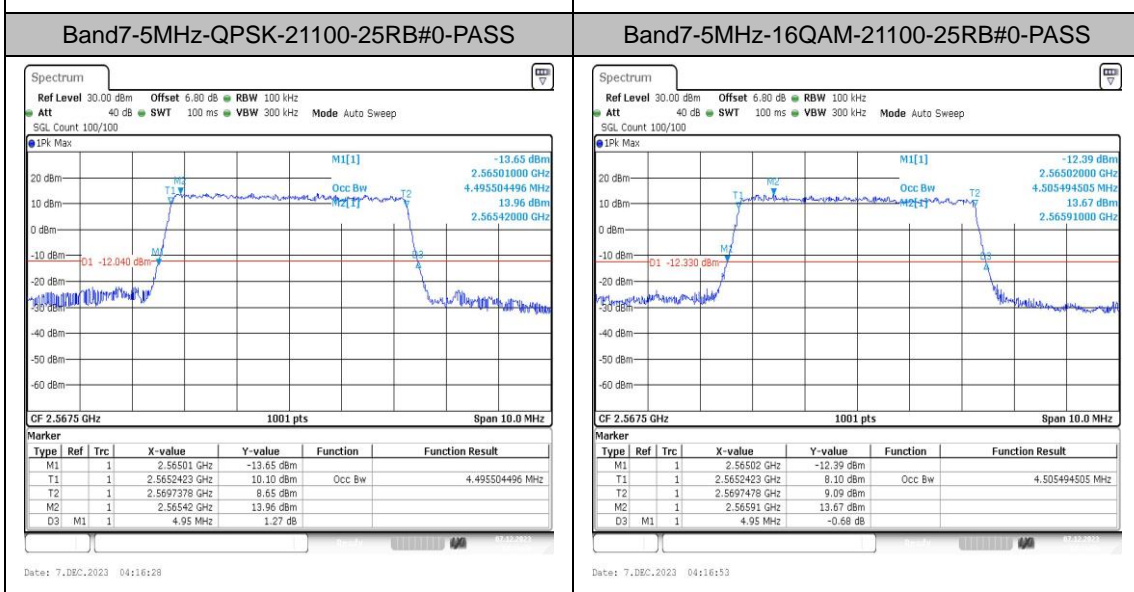
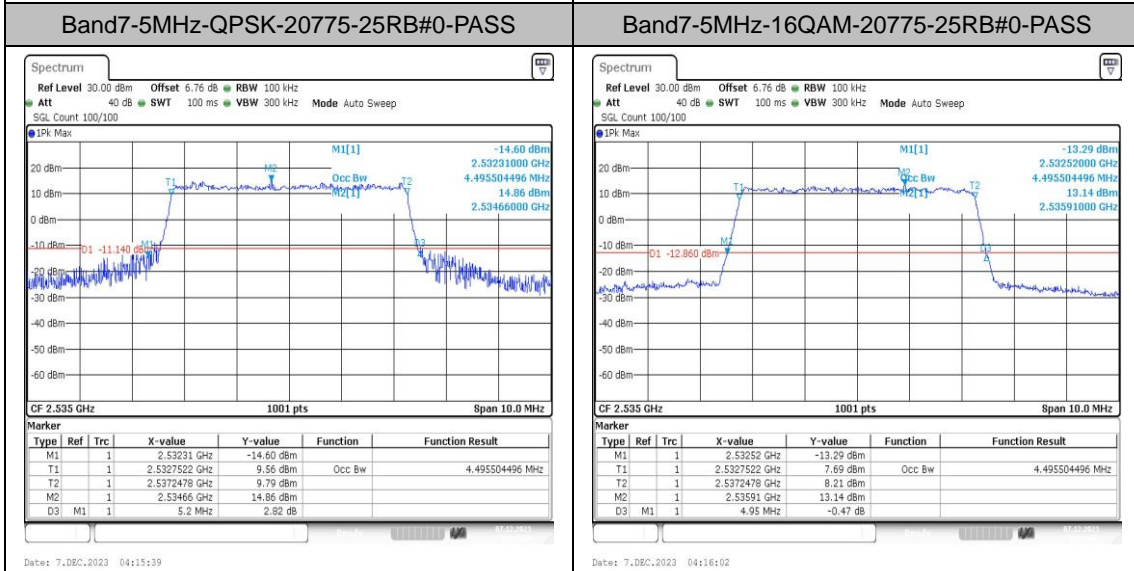
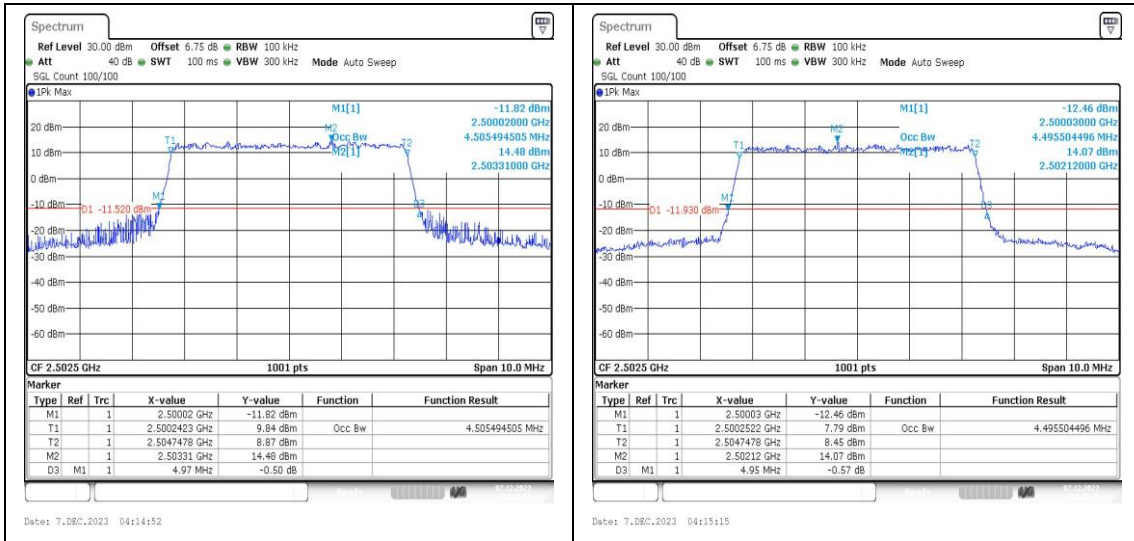


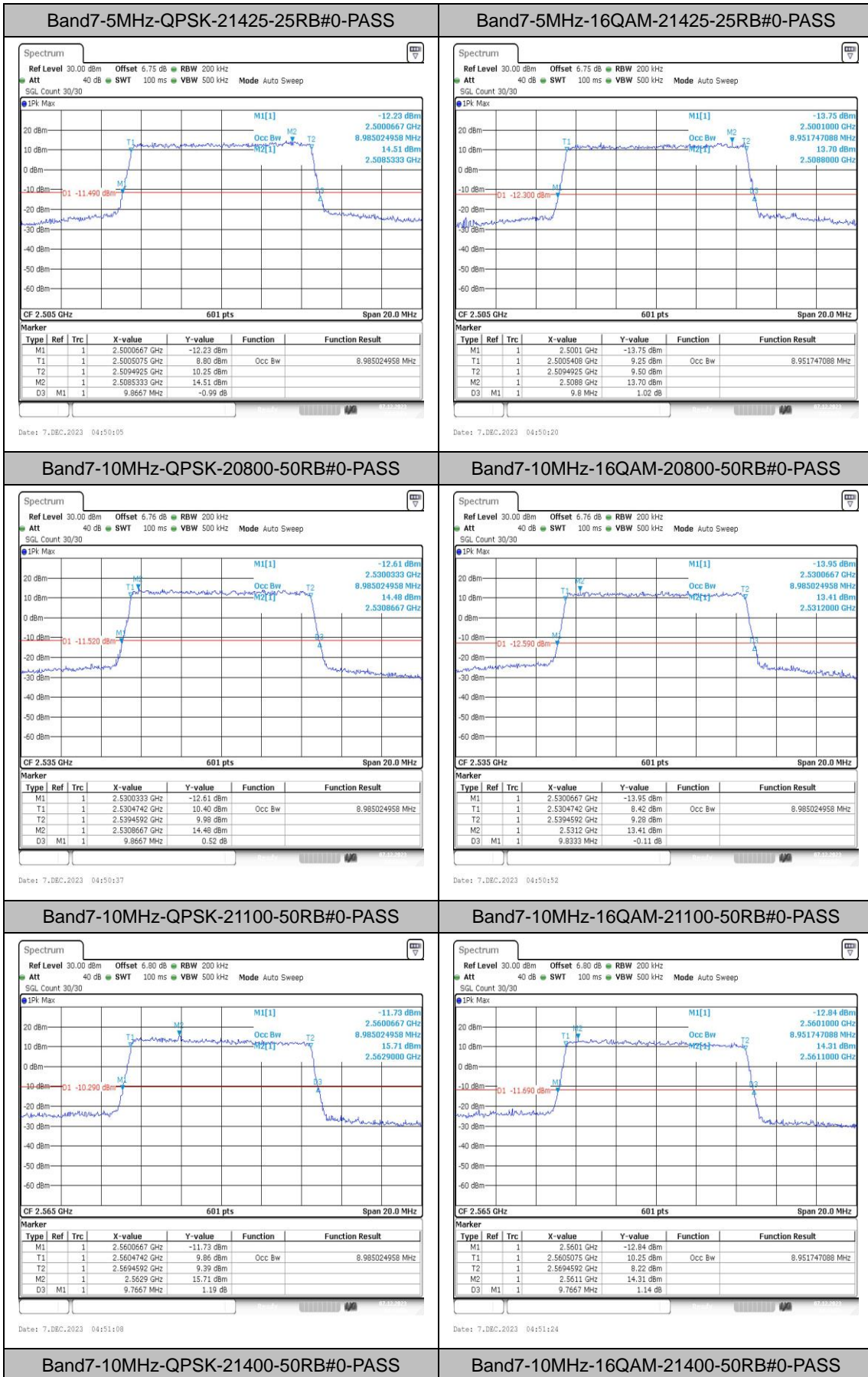
Appendix C: 26dB Bandwidth and Occupied Bandwidth

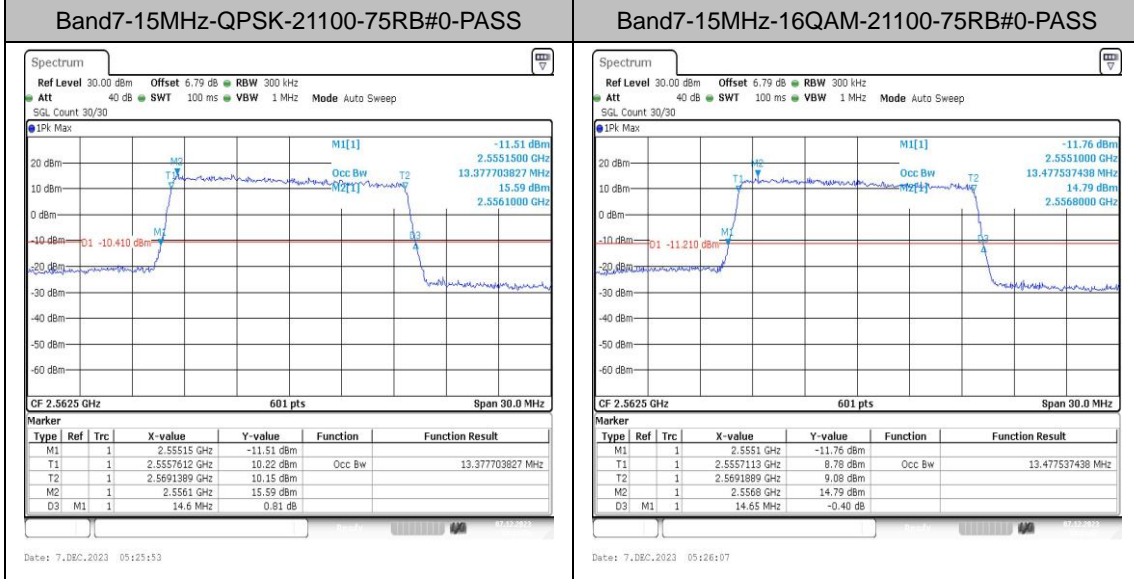
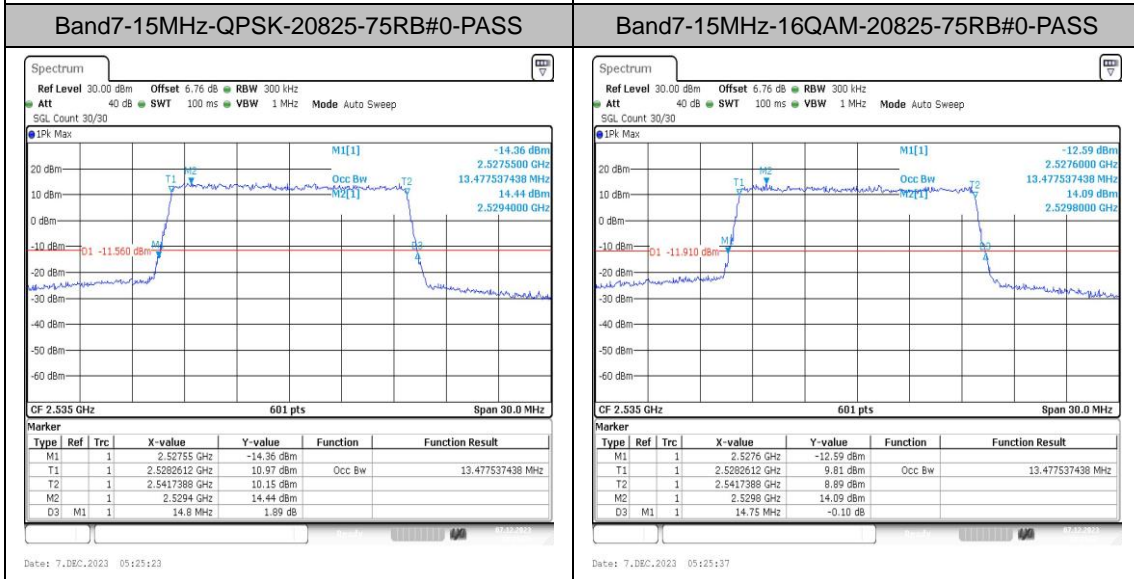
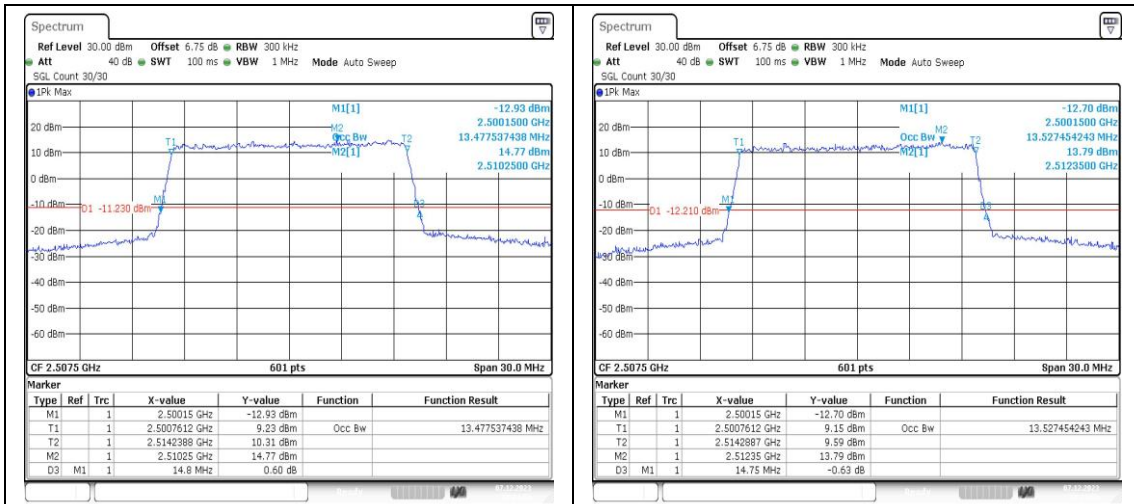
Test Result

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	4.496	4.95	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.496	5.20	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	4.95	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.496	4.95	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.505	4.95	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	9.87	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.985	9.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.985	9.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.952	9.77	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.80	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.527	14.75	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.80	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.75	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.378	14.60	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.65	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.037	19.73	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.103	19.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.037	19.80	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.037	19.73	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.97	19.53	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.97	19.60	PASS

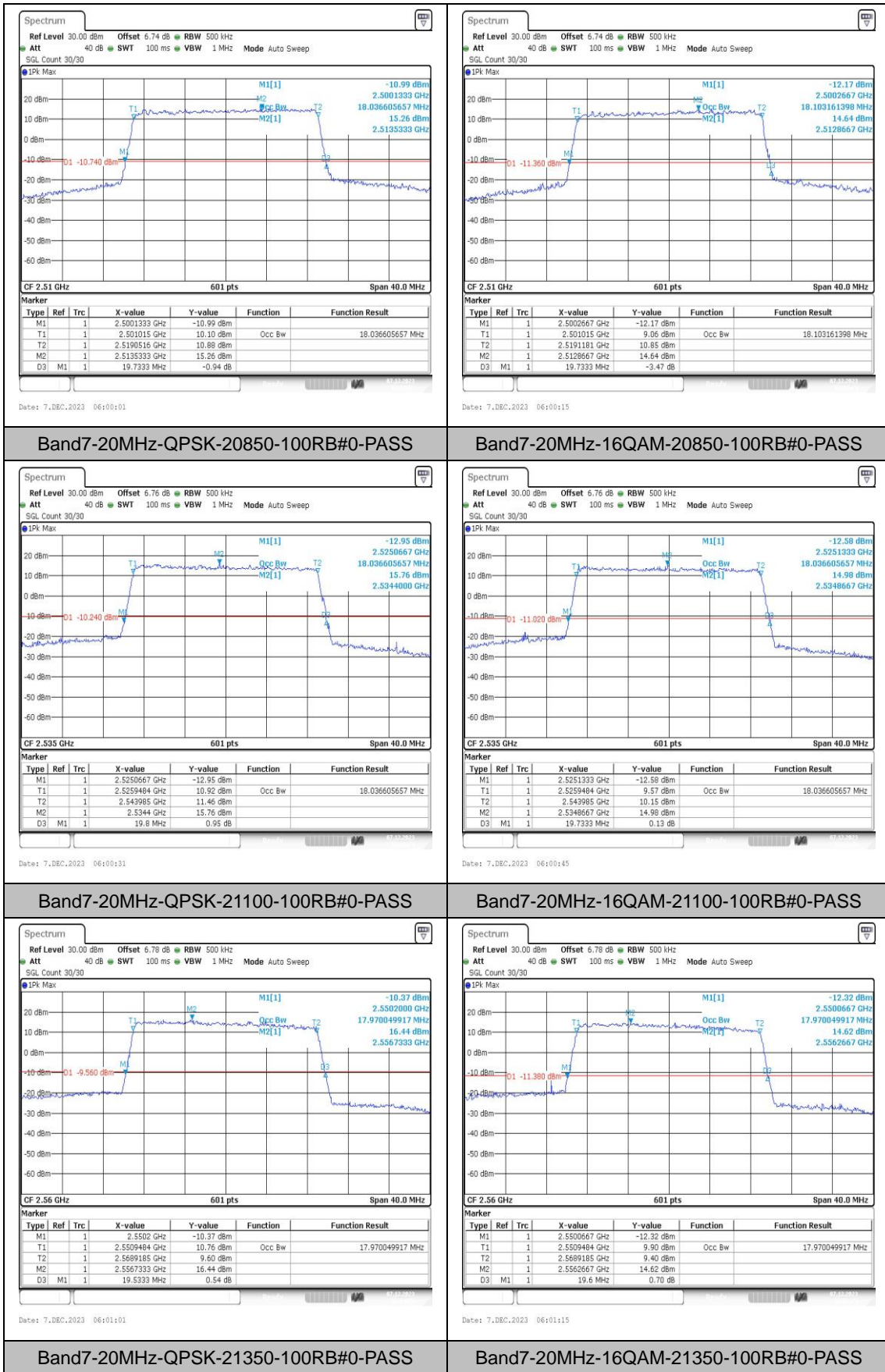
Test Graphs







Band7-15MHz-QPSK-21375-75RB#0-PASS **Band7-15MHz-16QAM-21375-75RB#0-PASS**



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-19.54	PASS
Band7	5MHz	16QAM	20775	1RB#0	-20.32	PASS
Band7	5MHz	QPSK	20775	1RB#24	-25.59	PASS
Band7	5MHz	16QAM	20775	1RB#24	-27.24	PASS
Band7	5MHz	QPSK	20775	25RB#0	-23.93	PASS
Band7	5MHz	16QAM	20775	25RB#0	-24.65	PASS
Band7	5MHz	QPSK	21425	1RB#0	-25.34	PASS
Band7	5MHz	16QAM	21425	1RB#0	-26.92	PASS
Band7	5MHz	QPSK	21425	1RB#24	-19.17	PASS
Band7	5MHz	16QAM	21425	1RB#24	-20.73	PASS
Band7	5MHz	QPSK	21425	25RB#0	-35.76	PASS
Band7	5MHz	16QAM	21425	25RB#0	-37.18	PASS
Band7	10MHz	QPSK	20800	1RB#0	-21.74	PASS
Band7	10MHz	16QAM	20800	1RB#0	-23.03	PASS
Band7	10MHz	QPSK	20800	1RB#49	-27.62	PASS
Band7	10MHz	16QAM	20800	1RB#49	-28.82	PASS
Band7	10MHz	QPSK	20800	50RB#0	-26.19	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.42	PASS
Band7	10MHz	QPSK	21400	1RB#0	-26.70	PASS
Band7	10MHz	16QAM	21400	1RB#0	-28.58	PASS
Band7	10MHz	QPSK	21400	1RB#49	-21.65	PASS
Band7	10MHz	16QAM	21400	1RB#49	-22.47	PASS
Band7	10MHz	QPSK	21400	50RB#0	-40.22	PASS
Band7	10MHz	16QAM	21400	50RB#0	-40.79	PASS
Band7	15MHz	QPSK	20825	1RB#0	-22.72	PASS
Band7	15MHz	16QAM	20825	1RB#0	-23.20	PASS
Band7	15MHz	QPSK	20825	1RB#74	-29.20	PASS
Band7	15MHz	16QAM	20825	1RB#74	-27.31	PASS
Band7	15MHz	QPSK	20825	75RB#0	-26.81	PASS
Band7	15MHz	16QAM	20825	75RB#0	-42.44	PASS
Band7	15MHz	QPSK	21375	1RB#0	-43.64	PASS
Band7	15MHz	16QAM	21375	1RB#0	-43.62	PASS
Band7	15MHz	QPSK	21375	1RB#74	-23.33	PASS
Band7	15MHz	16QAM	21375	1RB#74	-24.09	PASS
Band7	15MHz	QPSK	21375	75RB#0	-31.30	PASS
Band7	15MHz	16QAM	21375	75RB#0	-43.57	PASS

Band7	20MHz	QPSK	20850	1RB#0	-23.88	PASS
Band7	20MHz	16QAM	20850	1RB#0	-24.09	PASS
Band7	20MHz	QPSK	20850	1RB#99	-43.90	PASS
Band7	20MHz	16QAM	20850	1RB#99	-43.88	PASS
Band7	20MHz	QPSK	20850	100RB#0	-43.79	PASS
Band7	20MHz	16QAM	20850	100RB#0	-43.85	PASS
Band7	20MHz	QPSK	21350	1RB#0	-43.56	PASS
Band7	20MHz	16QAM	21350	1RB#0	-43.59	PASS
Band7	20MHz	QPSK	21350	1RB#99	-24.21	PASS
Band7	20MHz	16QAM	21350	1RB#99	-24.35	PASS
Band7	20MHz	QPSK	21350	100RB#0	-43.61	PASS
Band7	20MHz	16QAM	21350	100RB#0	-43.59	PASS

Test Graphs

