

## **Appendix for LTE BAND 17**

Product Name: Tablet

Model No: MDT865

## Appendix A: Average Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.87	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.81	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.09	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.96	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.93	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.92	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.88	PASS
Band17	5MHz	16QAM	23755	12RB#0	20.85	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.88	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.84	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.00	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.03	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.00	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.05	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.87	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.93	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.94	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.08	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.87	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.95	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.83	PASS
Band17	5MHz	16QAM	23790	12RB#0	20.79	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.85	PASS
Band17	5MHz	16QAM	23790	12RB#6	20.84	PASS
Band17	5MHz	QPSK	23790	12RB#13	21.79	PASS
Band17	5MHz	16QAM	23790	12RB#13	20.89	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.91	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.87	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.98	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.89	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.01	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.03	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.96	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.88	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.13	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.14	PASS

Band17	5MHz	QPSK	23825	12RB#6	22.11	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.09	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.99	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.03	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.12	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.11	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.87	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.93	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.09	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.16	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.89	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.04	PASS
Band17	10MHz	QPSK	23780	25RB#0	21.85	PASS
Band17	10MHz	16QAM	23780	25RB#0	20.85	PASS
Band17	10MHz	QPSK	23780	25RB#12	21.82	PASS
Band17	10MHz	16QAM	23780	25RB#12	20.83	PASS
Band17	10MHz	QPSK	23780	25RB#25	21.83	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.85	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.74	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.95	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.88	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.22	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.98	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.02	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.85	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.83	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.82	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.83	PASS
Band17	10MHz	16QAM	23790	25RB#12	20.83	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.81	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.83	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.81	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.81	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.02	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.78	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.09	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.81	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.01	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.85	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.95	PASS
Band17	10MHz	16QAM	23800	25RB#0	20.90	PASS

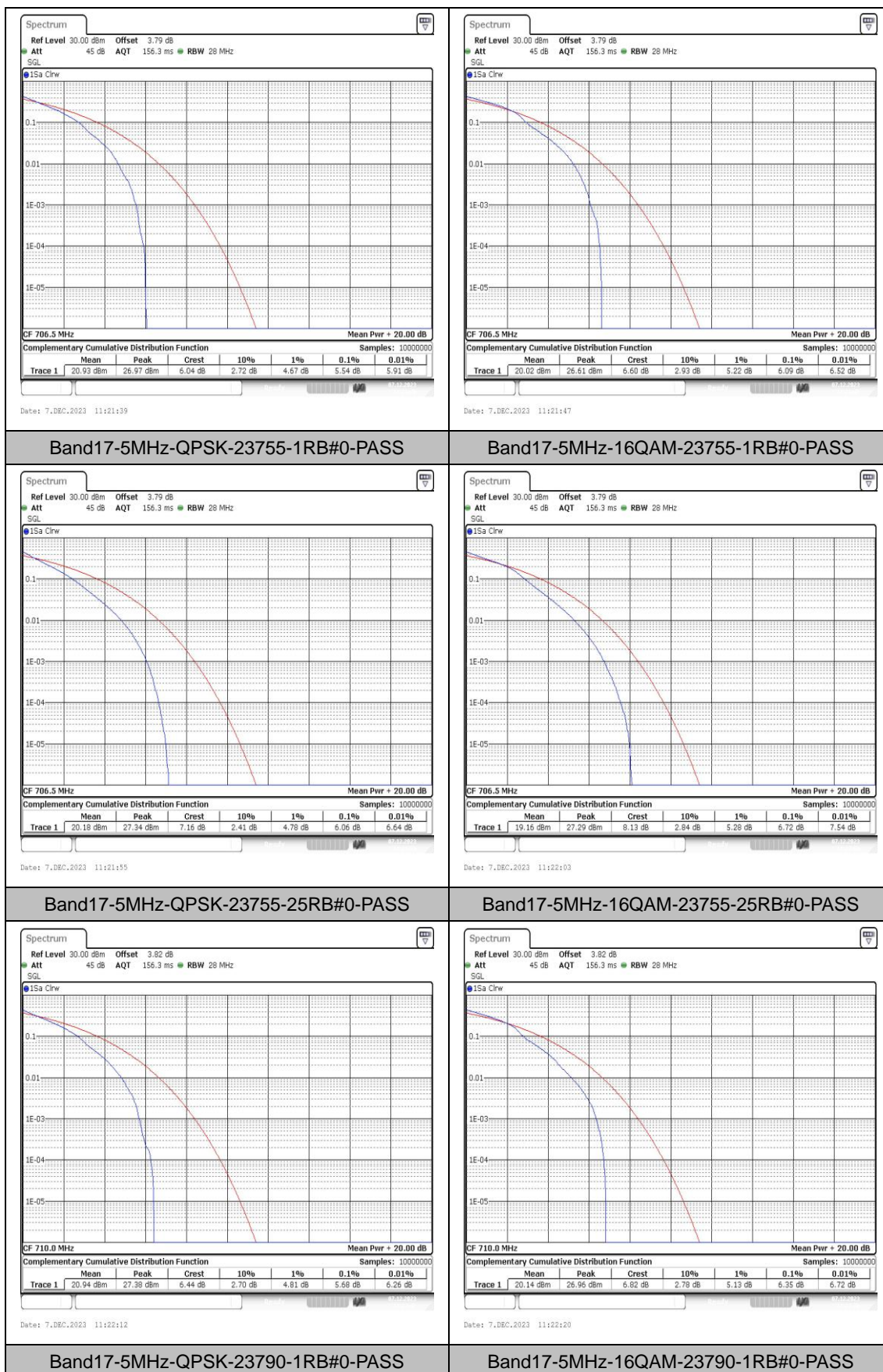
Band17	10MHz	QPSK	23800	25RB#12	21.89	PASS
Band17	10MHz	16QAM	23800	25RB#12	20.90	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.92	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.89	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.92	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.91	PASS

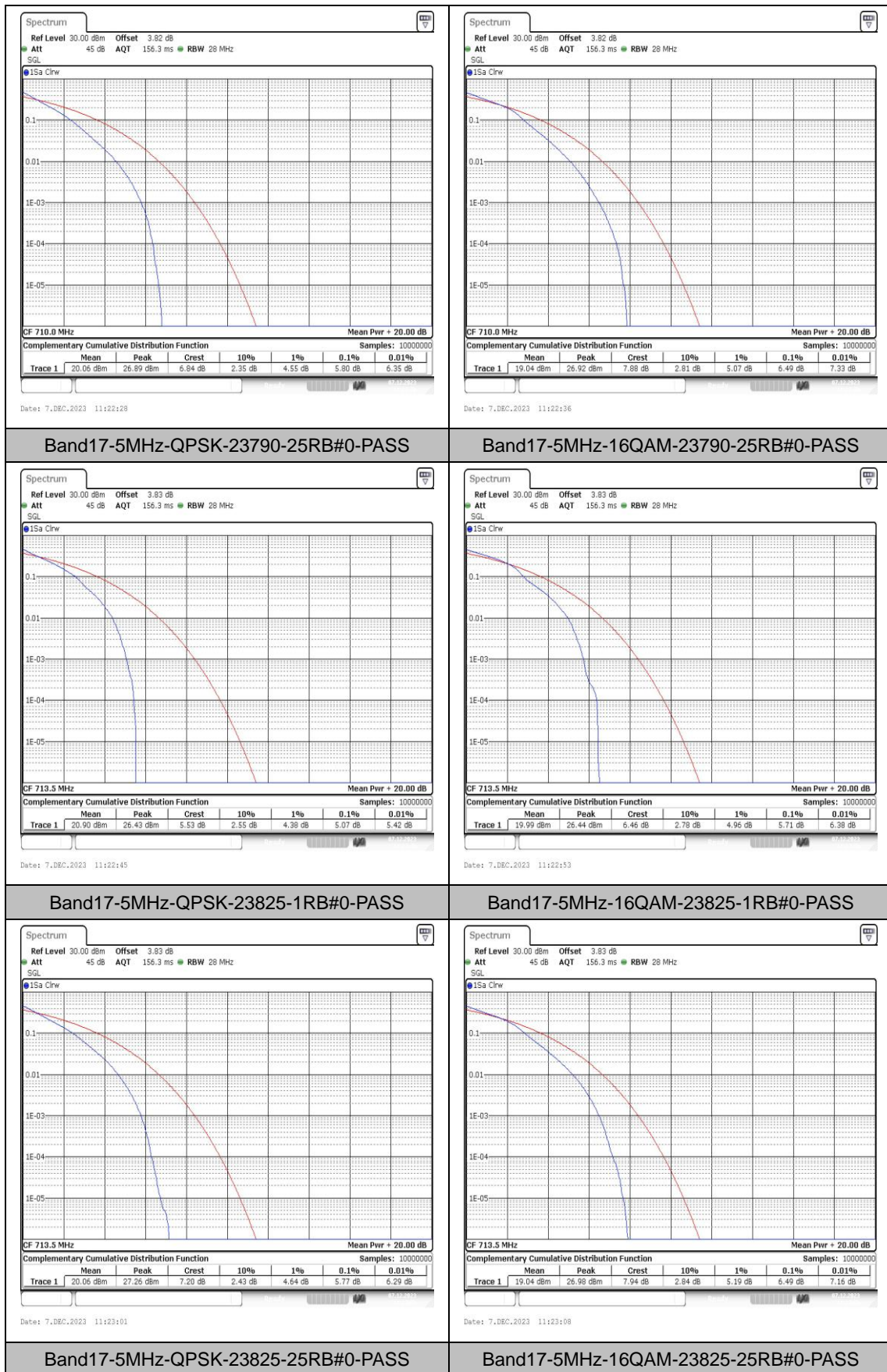
## Appendix B: Peak-to-Average Ratio(CCDF)

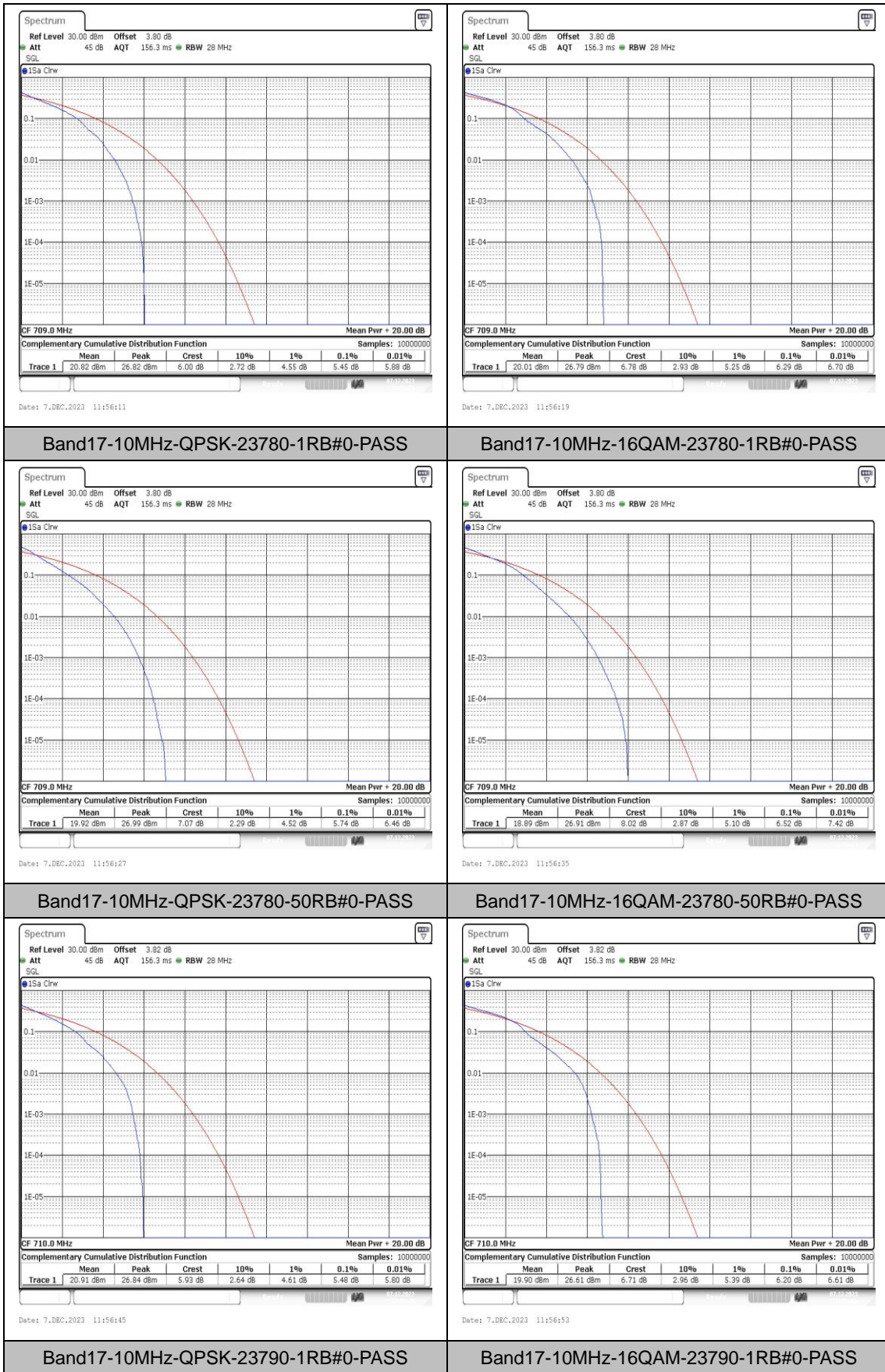
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.54	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.09	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	6.06	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.72	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.68	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	6.35	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.80	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.49	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.07	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.71	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.77	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.49	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.45	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.29	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.74	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.52	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.48	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.20	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.71	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.67	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	5.54	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.67	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.74	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.52	13	PASS

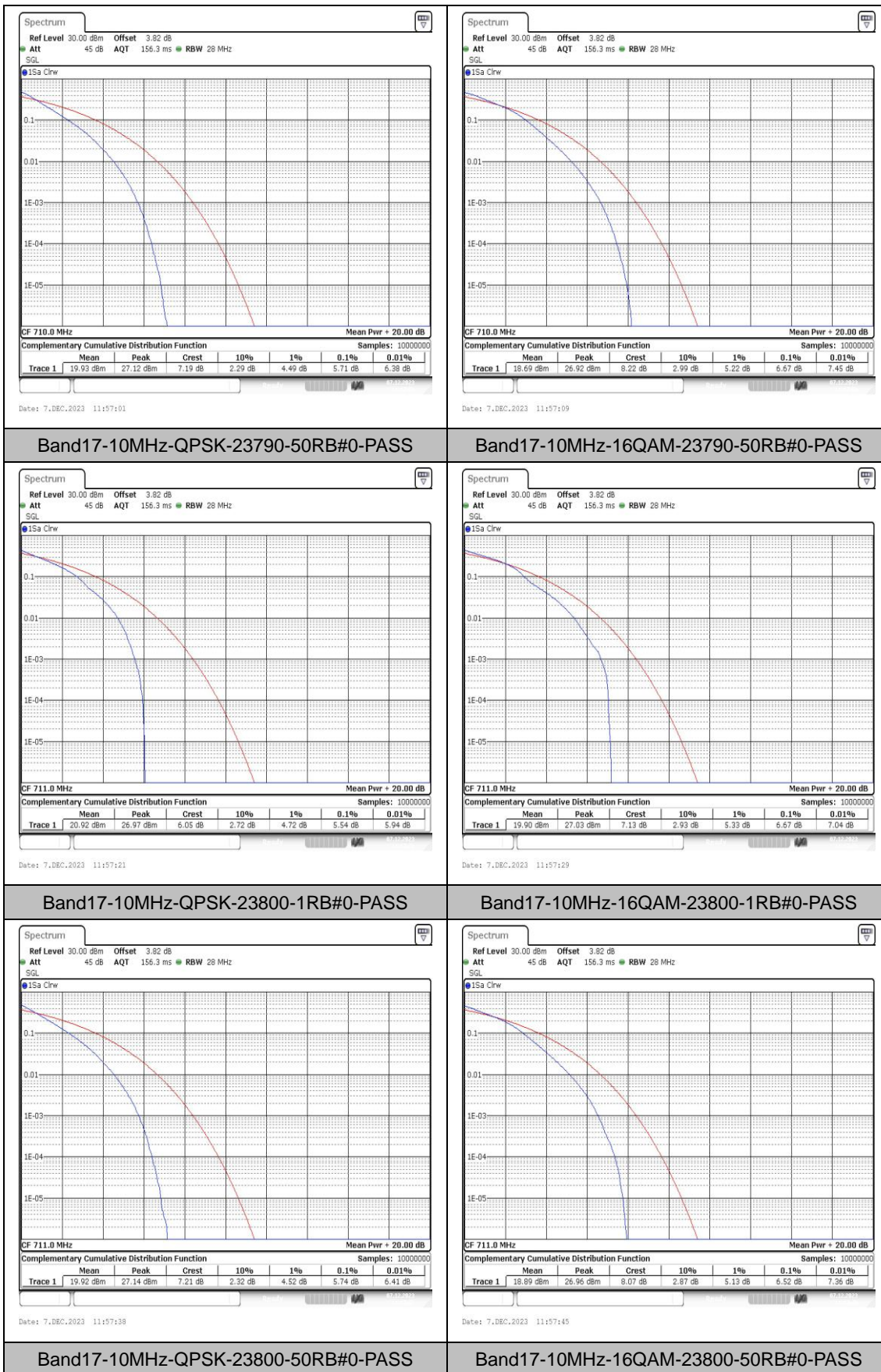
### Test Graphs









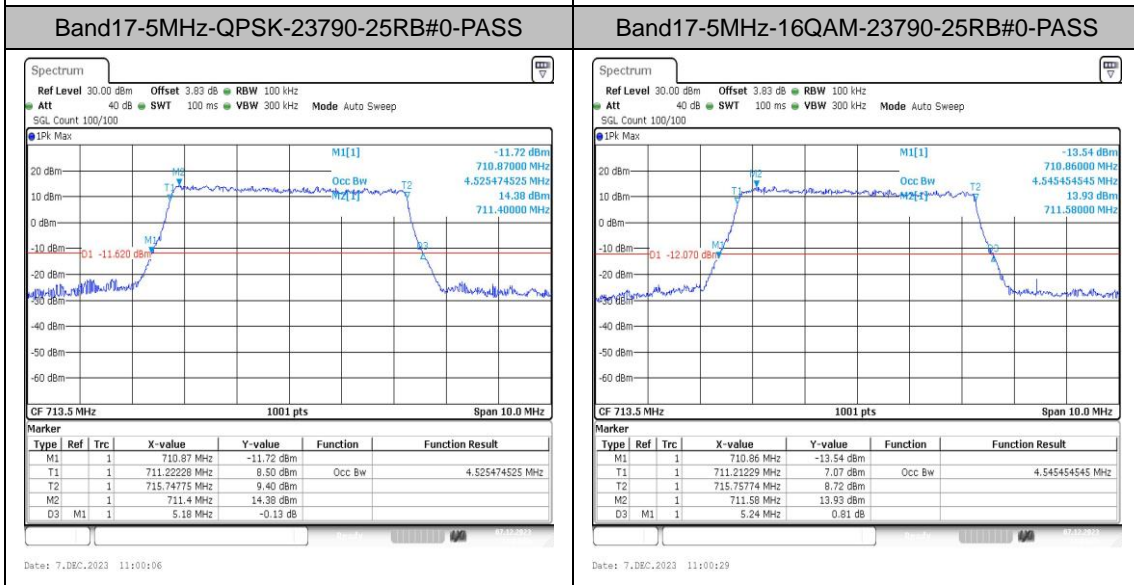
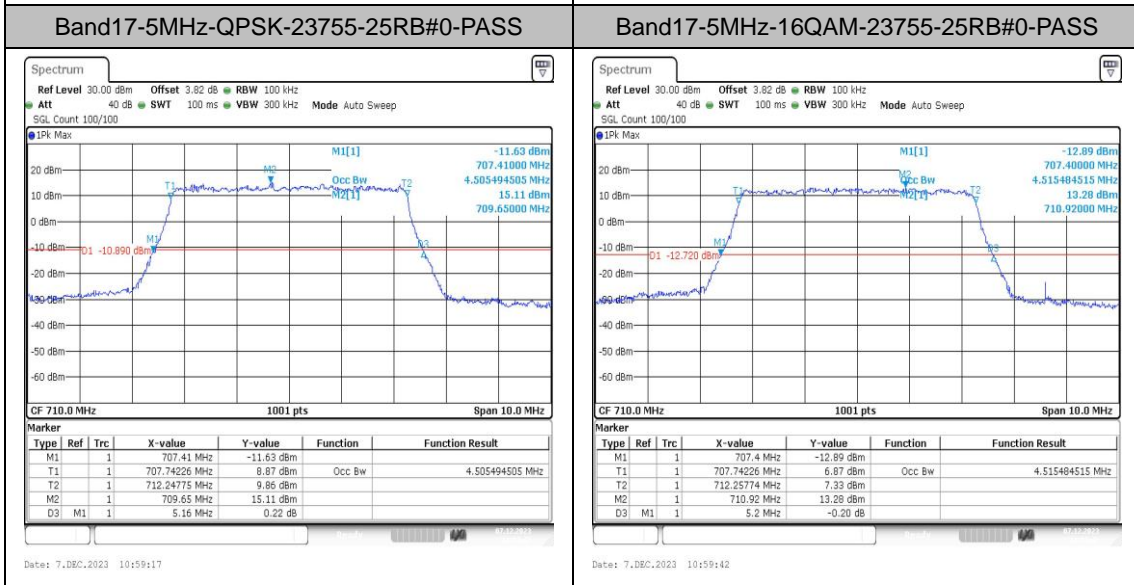
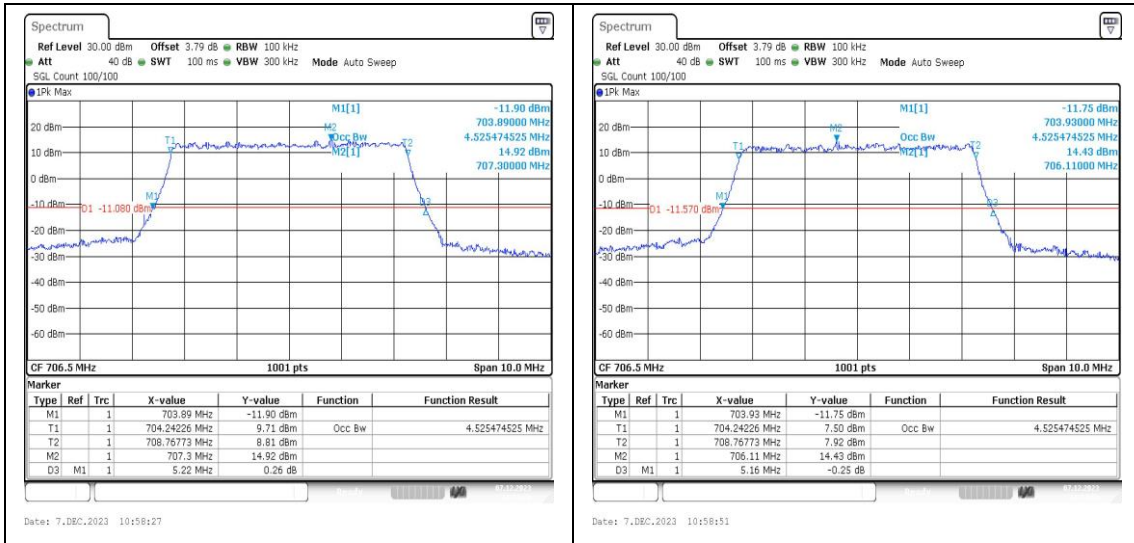


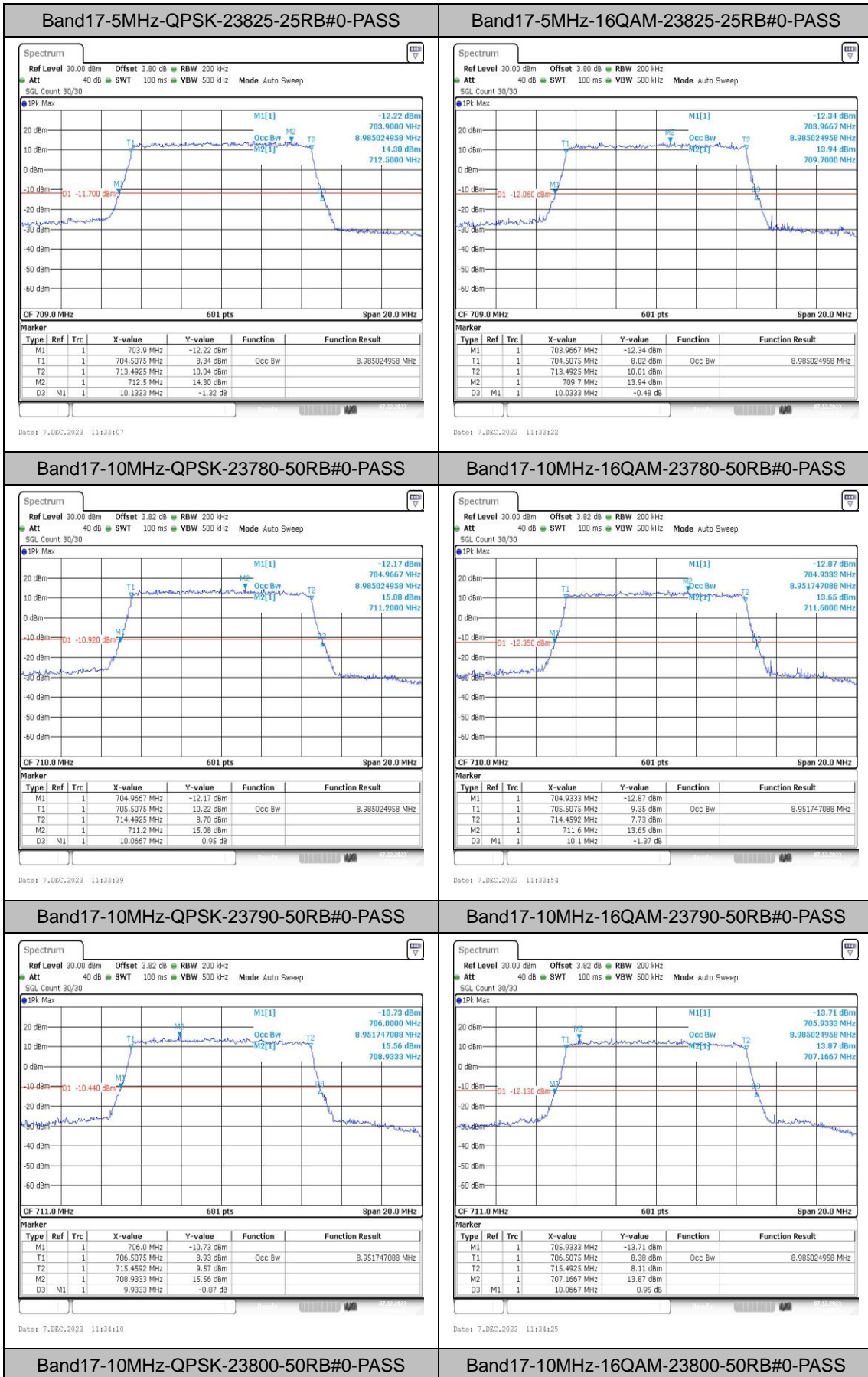
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.525	5.22	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.525	5.16	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.505	5.16	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.515	5.20	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.525	5.18	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.545	5.24	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.985	10.13	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.985	10.03	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.985	10.07	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.952	10.10	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.952	9.93	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.985	10.07	PASS

### Test Graphs



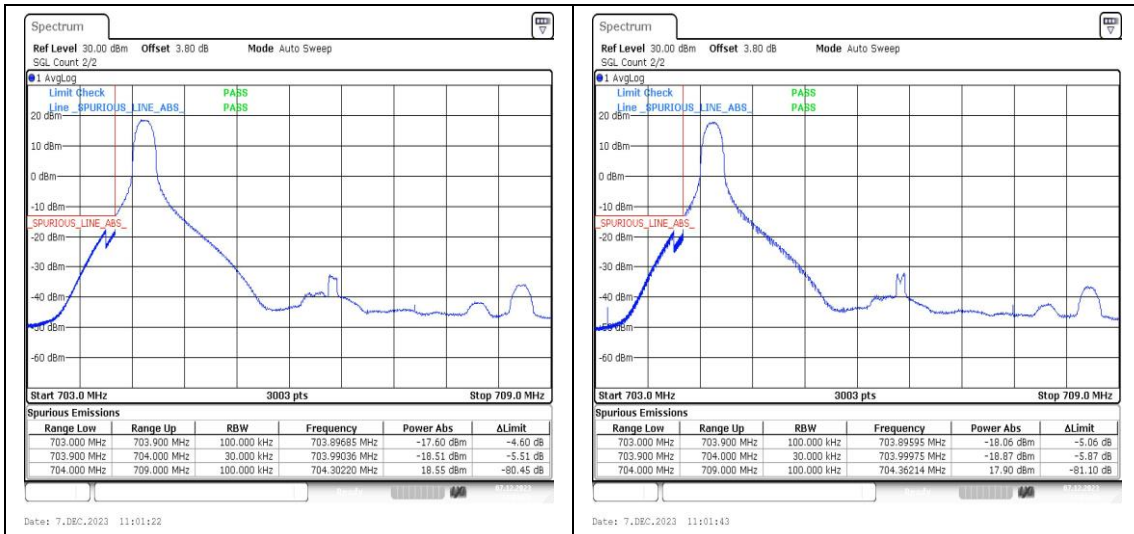


## Appendix D: Band Edge

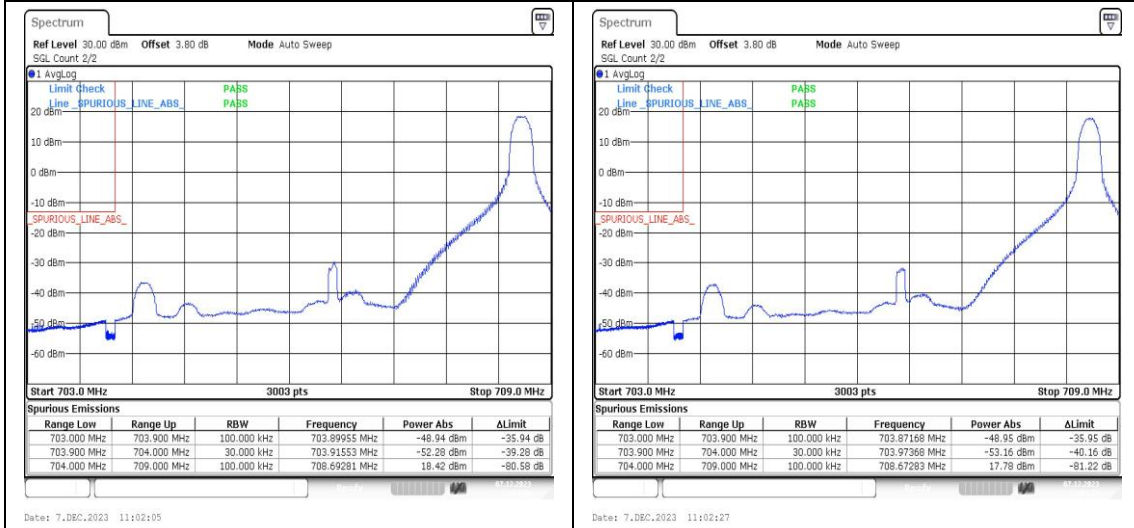
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-17.60	PASS
Band17	5MHz	16QAM	23755	1RB#0	-18.06	PASS
Band17	5MHz	QPSK	23755	1RB#24	-48.94	PASS
Band17	5MHz	16QAM	23755	1RB#24	-48.95	PASS
Band17	5MHz	QPSK	23755	25RB#0	-28.02	PASS
Band17	5MHz	16QAM	23755	25RB#0	-29.63	PASS
Band17	5MHz	QPSK	23825	1RB#0	-48.23	PASS
Band17	5MHz	16QAM	23825	1RB#0	-49.47	PASS
Band17	5MHz	QPSK	23825	1RB#24	-17.65	PASS
Band17	5MHz	16QAM	23825	1RB#24	-18.50	PASS
Band17	5MHz	QPSK	23825	25RB#0	-29.39	PASS
Band17	5MHz	16QAM	23825	25RB#0	-30.47	PASS
Band17	10MHz	QPSK	23780	1RB#0	-21.89	PASS
Band17	10MHz	16QAM	23780	1RB#0	-23.01	PASS
Band17	10MHz	QPSK	23780	1RB#49	-50.26	PASS
Band17	10MHz	16QAM	23780	1RB#49	-50.46	PASS
Band17	10MHz	QPSK	23780	50RB#0	-33.55	PASS
Band17	10MHz	16QAM	23780	50RB#0	-35.47	PASS
Band17	10MHz	QPSK	23800	1RB#0	-50.74	PASS
Band17	10MHz	16QAM	23800	1RB#0	-50.79	PASS
Band17	10MHz	QPSK	23800	1RB#49	-21.18	PASS
Band17	10MHz	16QAM	23800	1RB#49	-22.25	PASS
Band17	10MHz	QPSK	23800	50RB#0	-36.12	PASS
Band17	10MHz	16QAM	23800	50RB#0	-36.93	PASS

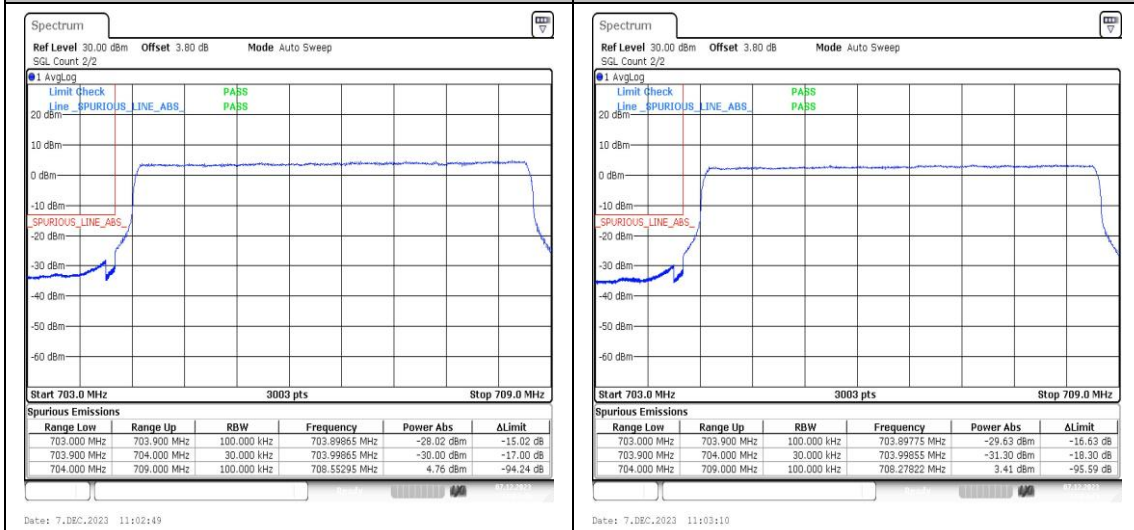
### Test Graphs



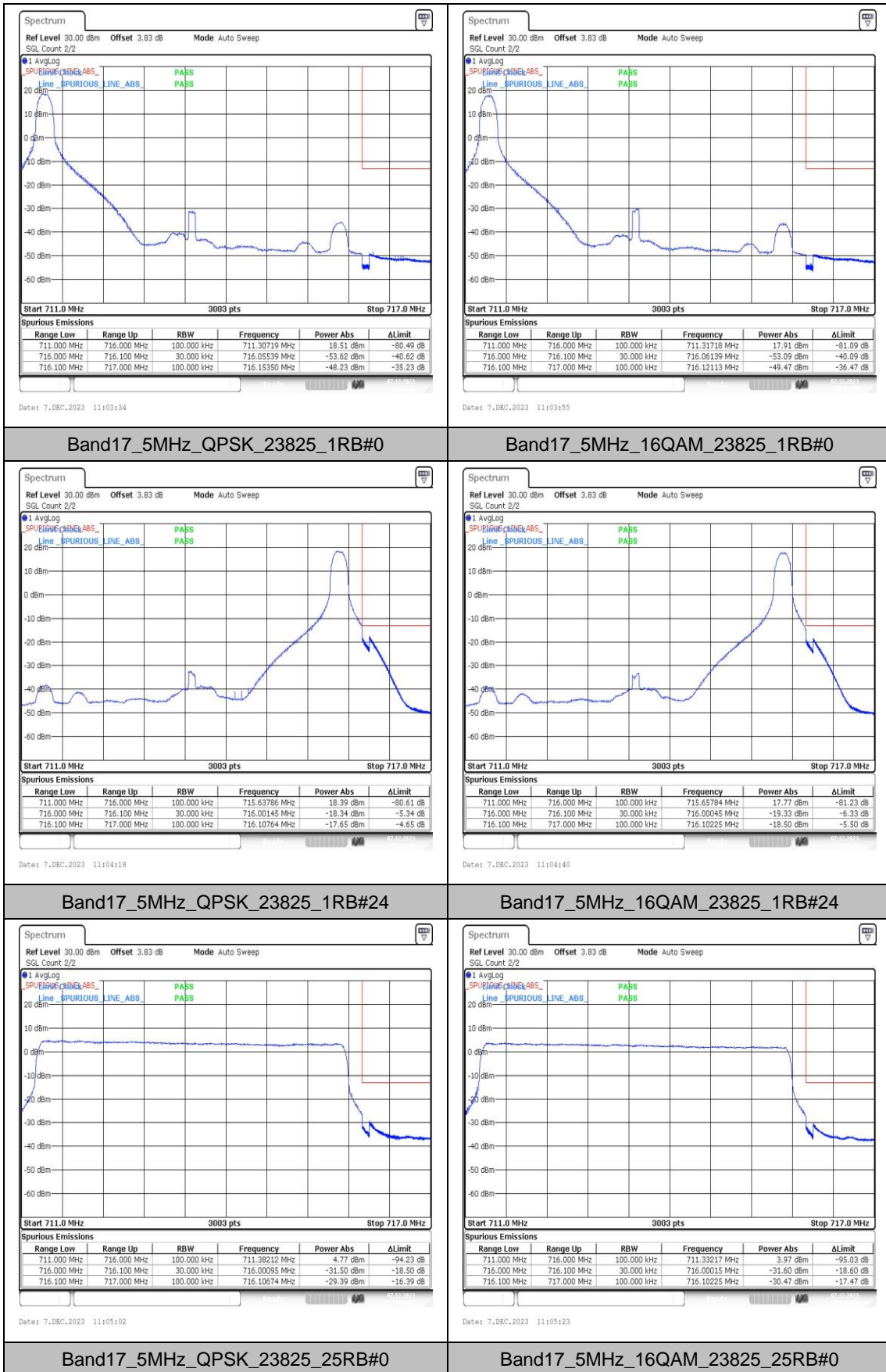
Band17\_5MHz\_QPSK\_23755\_1RB#0      Band17\_5MHz\_16QAM\_23755\_1RB#0

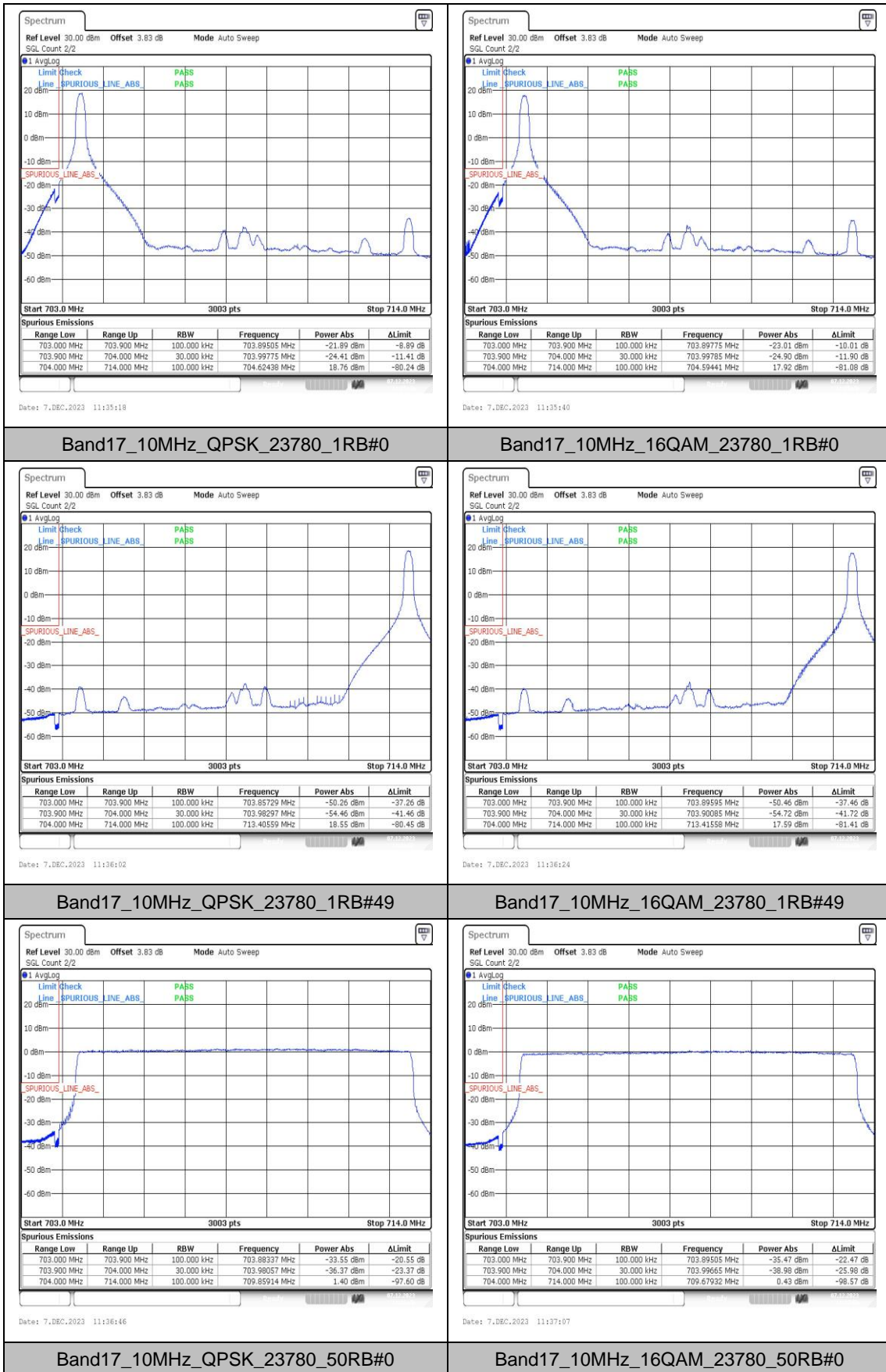


Band17\_5MHz\_QPSK\_23755\_1RB#24      Band17\_5MHz\_16QAM\_23755\_1RB#24

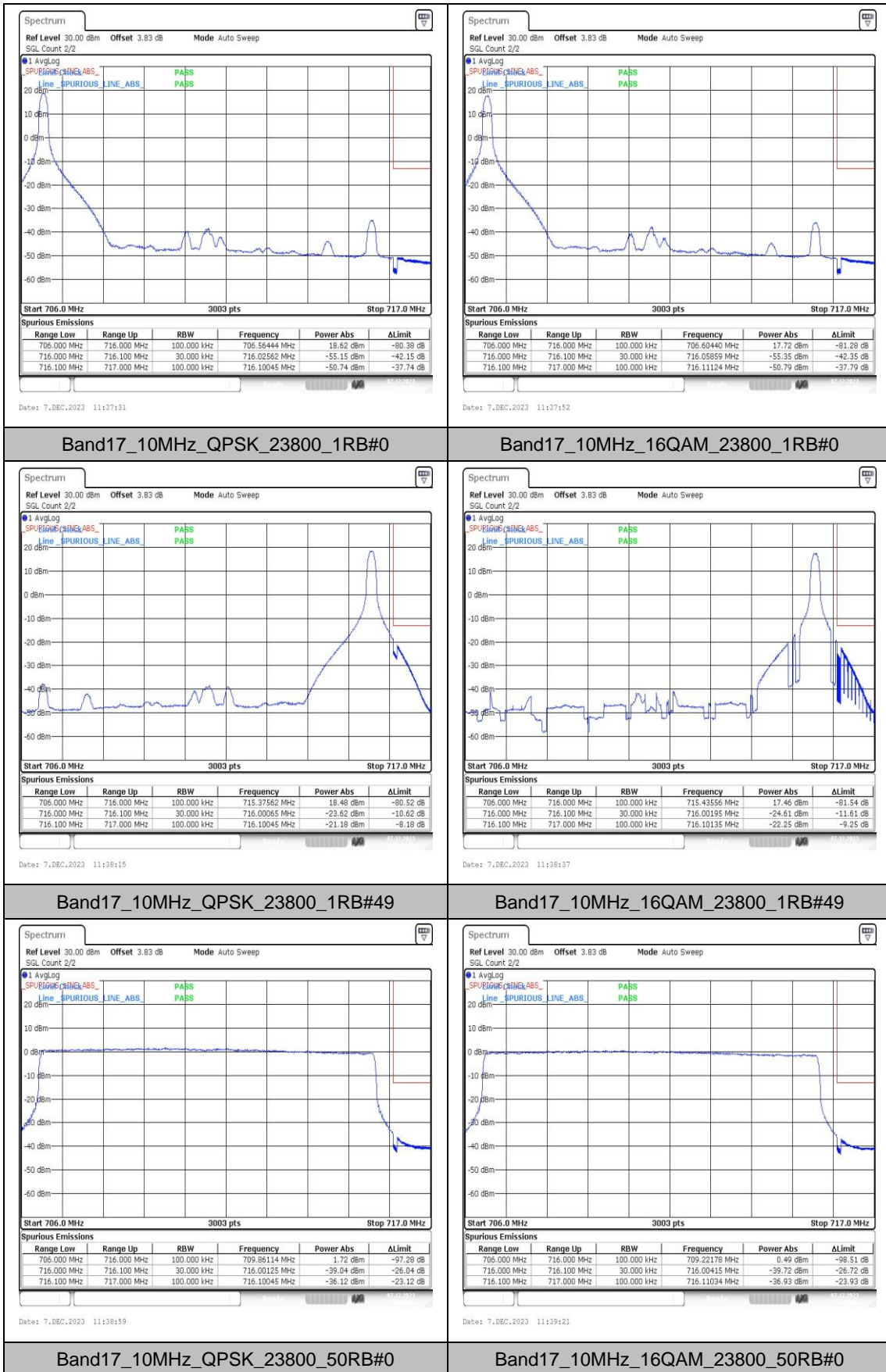


Band17\_5MHz\_QPSK\_23755\_25RB#0      Band17\_5MHz\_16QAM\_23755\_25RB#0









## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-66.26	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-74.99	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-65.14	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-48.57	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-39.88	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-60.97	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-74.18	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-65.43	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-49.11	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-39.83	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-61.33	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-73.78	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-65.33	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-49.91	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-39.66	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-56.94	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-74.01	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-64.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-50.55	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-39.91	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-64.88	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-75.03	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-65.28	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-50.79	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-39.74	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-64.24	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-75.60	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-65.41	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-50.82	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-39.90	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-66.30	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-74.38	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-65.22	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-47.18	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-39.90	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-58.84	PASS

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Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-74.94	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-65.33	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-48.00	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-39.78	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-59.82	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-74.09	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-65.53	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-47.99	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-39.96	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-56.41	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-74.43	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-65.58	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-48.58	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-39.87	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-59.21	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-73.85	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-65.25	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-48.53	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-39.82	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-54.80	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-73.53	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-65.48	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-49.22	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-39.86	PASS

### Test Graphs

