

Appendix for LTE 7B

Product Name: 5G Indoor CPE

Model No: TITAN 5000

Appendix A: Average Power Output Data

Test Result

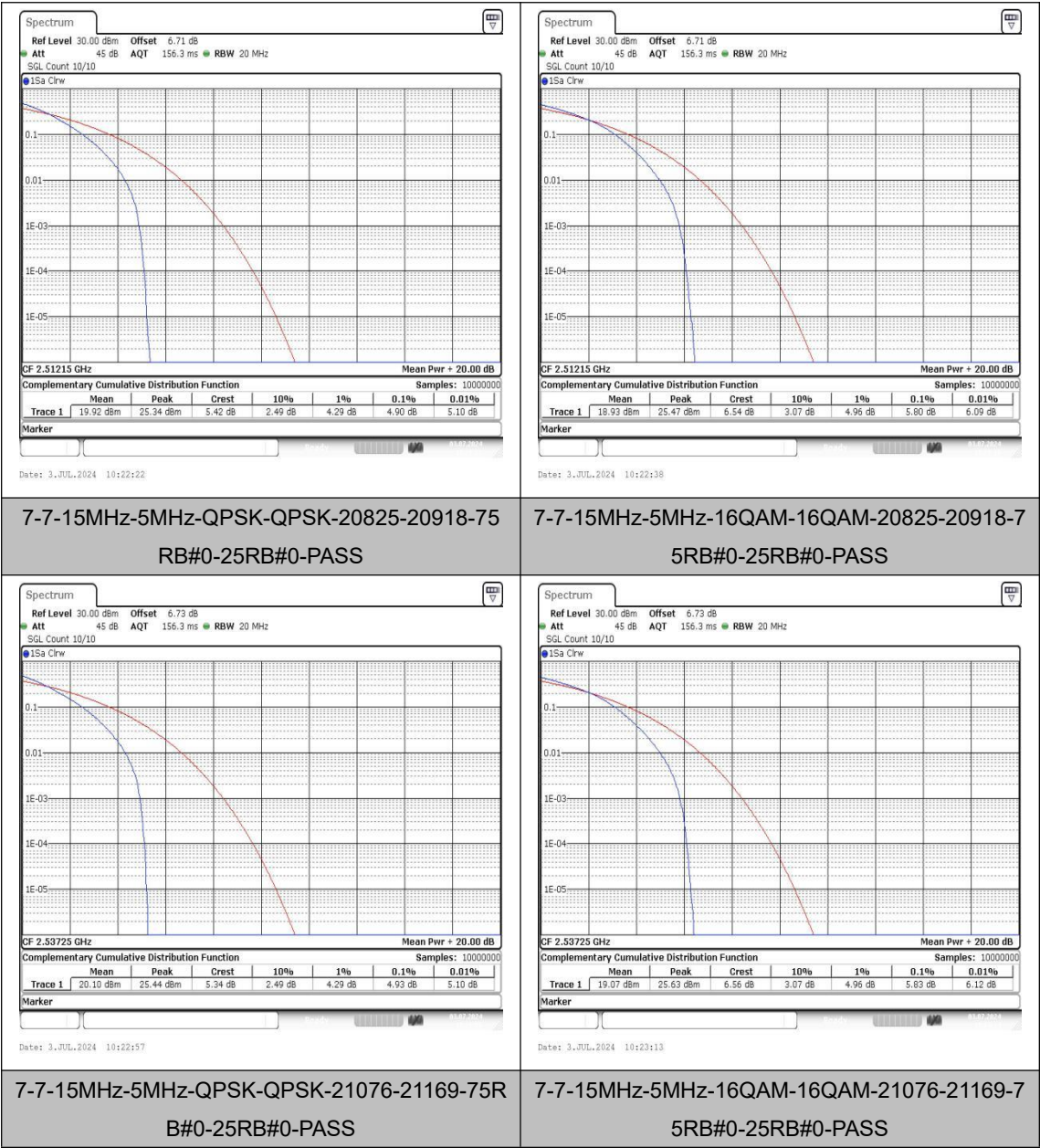
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-0RB#0	22.14	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-0RB#0	21.18	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#74-0RB#0	22.25	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#74-0RB#0	21.30	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-1RB#24	22.14	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-1RB#24	21.03	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	16RB#0-0RB#0	22.22	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	16RB#0-0RB#0	21.23	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	75RB#0-25RB#0	21.37	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	75RB#0-25RB#0	20.39	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	1RB#0-0RB#0	22.51	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	1RB#0-0RB#0	21.50	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	1RB#74-0RB#0	22.47	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	1RB#74-0RB#0	21.56	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	1RB#0-1RB#24	22.47	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	1RB#0-1RB#24	21.53	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	16RB#0-0RB#0	22.57	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	16RB#0-0RB#0	21.52	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	75RB#0-25RB#0	21.62	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	75RB#0-25RB#0	20.68	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	1RB#0-0RB#0	22.49	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	1RB#0-0RB#0	21.54	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	1RB#74-0RB#0	22.37	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	1RB#74-0RB#0	21.46	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	1RB#0-1RB#24	22.52	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	1RB#0-1RB#24	21.55	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	16RB#0-0RB#0	22.52	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	16RB#0-0RB#0	21.54	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	75RB#0-25RB#0	21.61	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	75RB#0-25RB#0	20.65	PASS

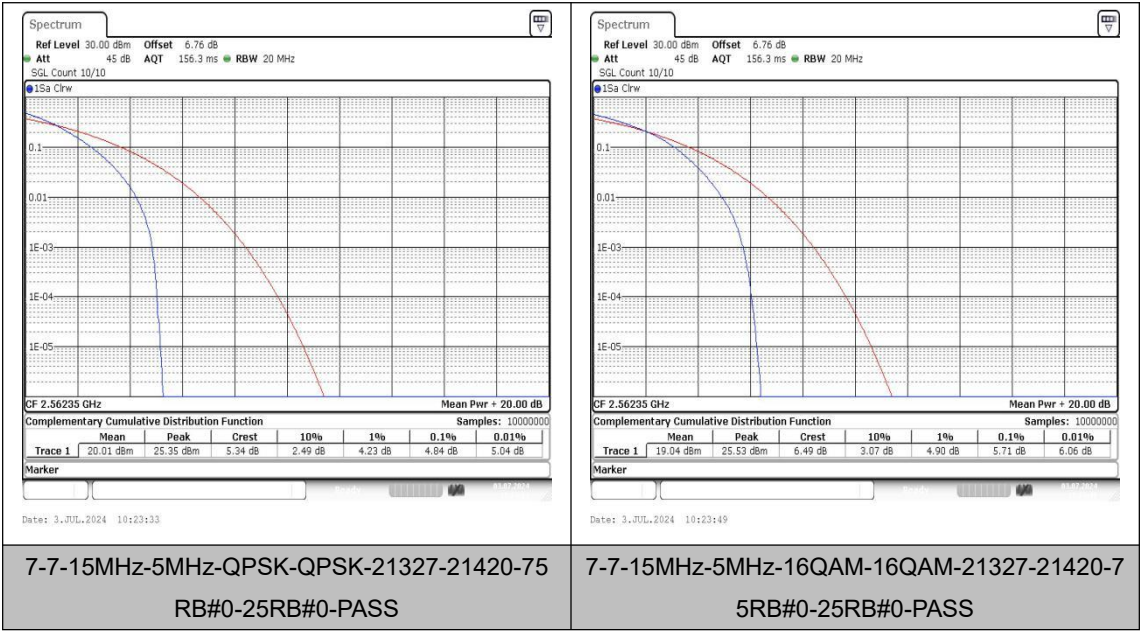
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	75RB#0-25RB#0	4.90	13	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	75RB#0-25RB#0	5.80	13	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	75RB#0-25RB#0	4.93	13	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	75RB#0-25RB#0	5.83	13	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	75RB#0-25RB#0	4.84	13	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	75RB#0-25RB#0	5.71	13	PASS

Test Graphs



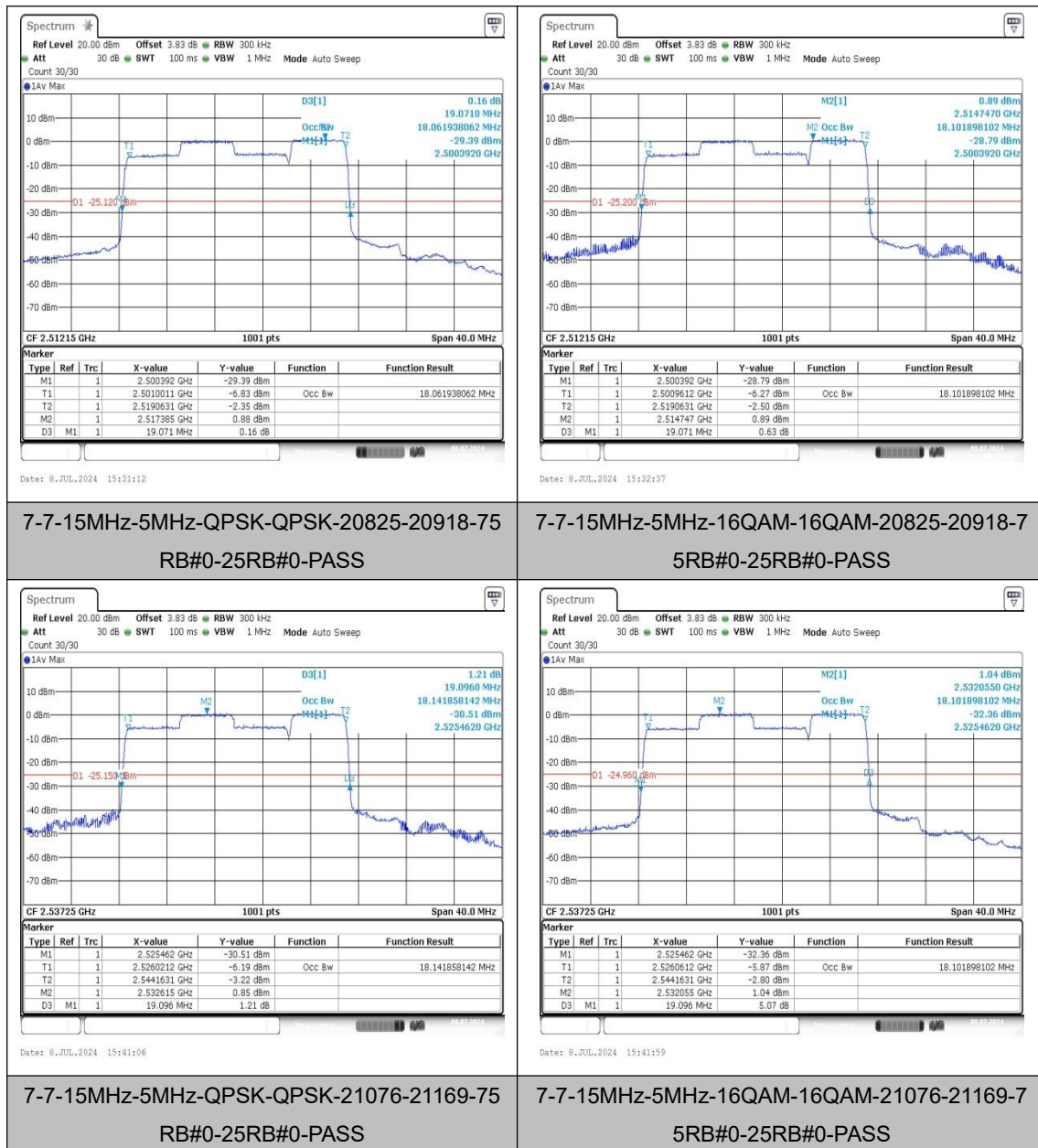


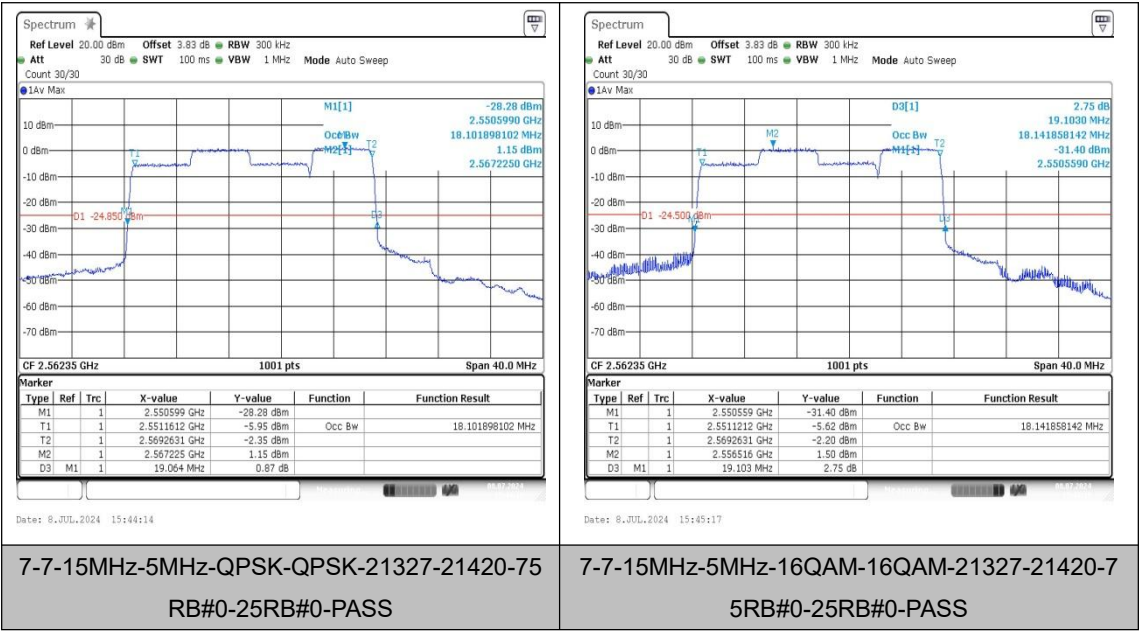
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	75RB#0-25RB#0	18.062	19.07	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	75RB#0-25RB#0	18.102	19.07	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21076-21169	75RB#0-25RB#0	18.142	19.10	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21076-21169	75RB#0-25RB#0	18.102	19.10	PASS
7-7	15MHz-5MHz	QPSK-QPSK	21327-21420	75RB#0-25RB#0	18.102	19.06	PASS
7-7	15MHz-5MHz	16QAM-16QAM	21327-21420	75RB#0-25RB#0	18.142	19.10	PASS

Test Graphs



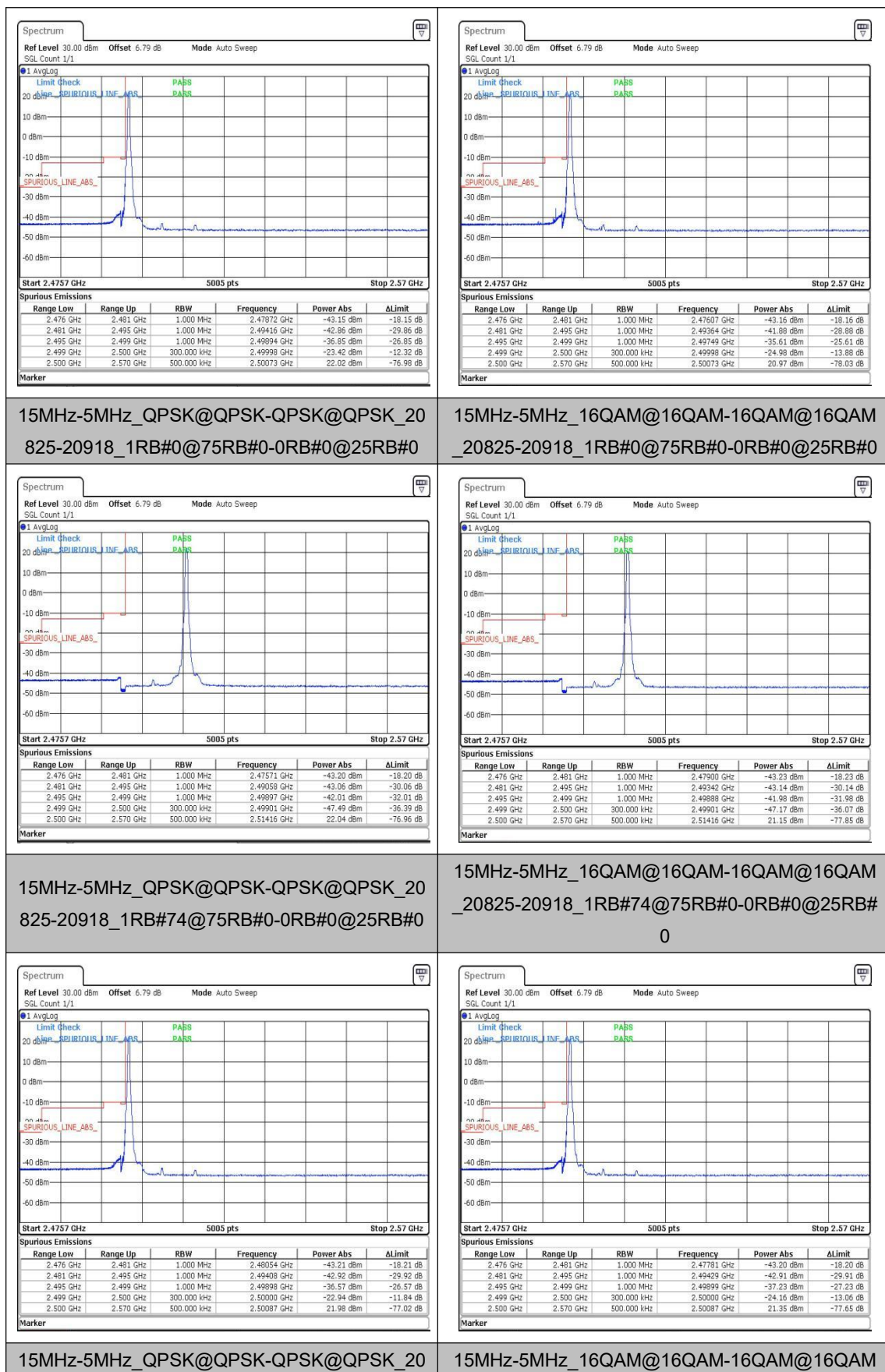


Appendix D: Band Edge

Test Result

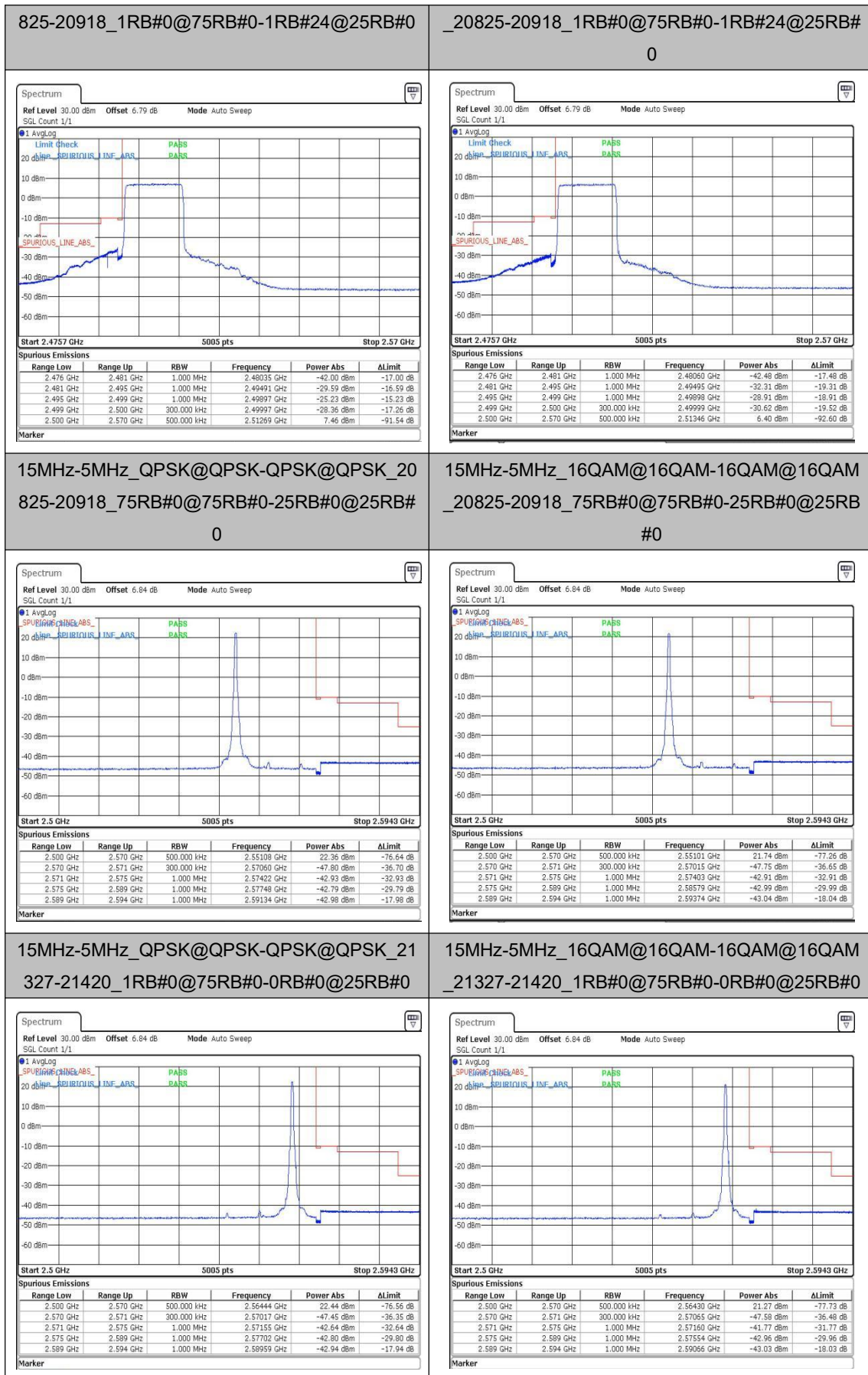
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	20825-2 0918	1RB#0@75RB#0-0RB#0 @25RB#0	-23.42	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	20825-2 0918	1RB#0@75RB#0-0RB#0 @25RB#0	-24.98	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	20825-2 0918	1RB#74@75RB#0-0RB#0 @25RB#0	-43.20	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	20825-2 0918	1RB#74@75RB#0-0RB#0 @25RB#0	-43.23	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	20825-2 0918	1RB#0@75RB#0-1RB#24 @25RB#0	-22.94	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	20825-2 0918	1RB#0@75RB#0-1RB#24 @25RB#0	-24.16	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	20825-2 0918	75RB#0@75RB#0-25RB#0 @25RB#0	-25.23	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	20825-2 0918	75RB#0@75RB#0-25RB#0 @25RB#0	-42.48	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	21327-2 1420	1RB#0@75RB#0-0RB#0 @25RB#0	-42.98	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	21327-2 1420	1RB#0@75RB#0-0RB#0 @25RB#0	-43.04	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	21327-2 1420	1RB#74@75RB#0-0RB#0 @25RB#0	-42.94	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	21327-2 1420	1RB#74@75RB#0-0RB#0 @25RB#0	-43.03	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	21327-2 1420	1RB#0@75RB#0-1RB#24 @25RB#0	-42.85	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	21327-2 1420	1RB#0@75RB#0-1RB#24 @25RB#0	-42.94	PASS
7-7	15MHz-5 MHz	QPSK@QPSK-QPSK@QPSK	21327-2 1420	75RB#0@75RB#0-25RB#0 @25RB#0	-43.05	PASS
7-7	15MHz-5 MHz	16QAM@16QAM-16QAM@16QAM	21327-2 1420	75RB#0@75RB#0-25RB#0 @25RB#0	-43.00	PASS

Test Graphs

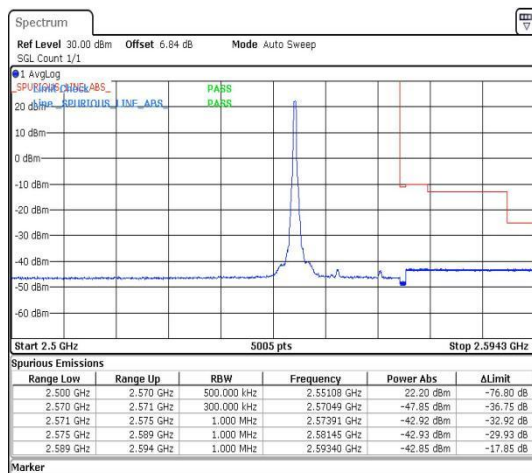


Waltek Testing Group (Shenzhen) Co., Ltd.

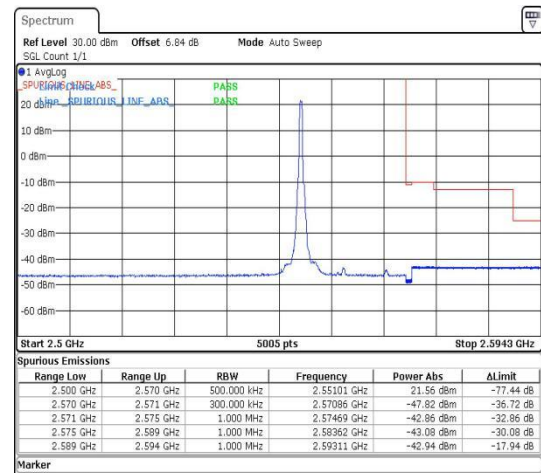
[Http://www.waltek.com.cn](http://www.waltek.com.cn)



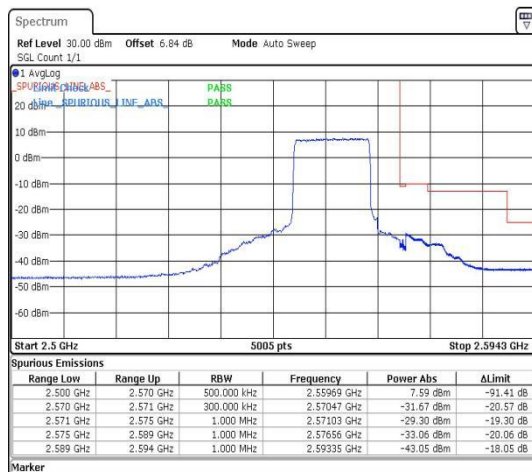
15MHz-5MHz_QPSK@QPSK-QPSK@QPSK_21
327-21420_1RB#74@75RB#0-0RB#0@25RB#0



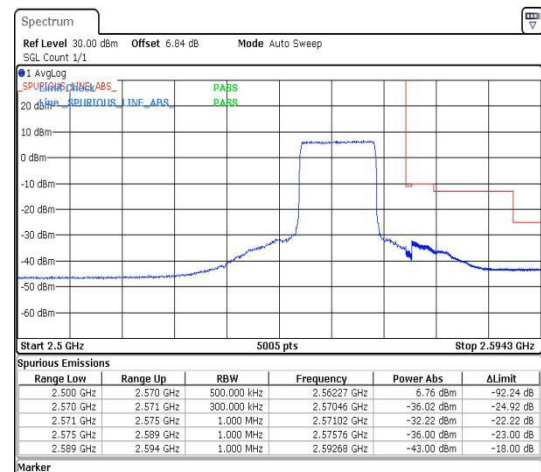
15MHz-5MHz_16QAM@16QAM-16QAM@16QAM
_21327-21420_1RB#74@75RB#0-0RB#0@25RB#0



15MHz-5MHz_QPSK@QPSK-QPSK@QPSK_21
327-21420_1RB#0@75RB#0-1RB#24@25RB#0



15MHz-5MHz_16QAM@16QAM-16QAM@16QAM
_21327-21420_1RB#0@75RB#0-1RB#24@25RB#0



15MHz-5MHz_QPSK@QPSK-QPSK@QPSK_21
327-21420_75RB#0@75RB#0-25RB#0@25RB#0

15MHz-5MHz_16QAM@16QAM-16QAM@16QAM
_21327-21420_75RB#0@75RB#0-25RB#0@25RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-0RB#0	0.009~0.15MHz	-64.16	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-0RB#0	0.15~30MHz	-72.63	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-0RB#0	30~1000MHz	-68.16	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-0RB#0	1000~20000MHz	-48.77	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#0-0RB#0	20000~27000MHz	-34.32	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-0RB#0	0.009~0.15MHz	-66.18	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-0RB#0	0.15~30MHz	-72.36	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-0RB#0	30~1000MHz	-68.16	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-0RB#0	1000~20000MHz	-49.27	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#0-0RB#0	20000~27000MHz	-34.27	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#74-0RB#0	0.009~0.15MHz	-63.82	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#74-0RB#0	0.15~30MHz	-68.67	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#74-0RB#0	30~1000MHz	-67.97	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#74-0RB#0	1000~20000MHz	-49.06	PASS
7-7	15MHz-5MHz	QPSK-QPSK	20825-20918	1RB#74-0RB#0	20000~27000MHz	-34.22	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#74-0RB#0	0.009~0.15MHz	-65.28	PASS
7-7	15MHz-5MHz	16QAM-16QAM	20825-20918	1RB#74-0RB#0	0.15~30MHz	-71.9	PASS

7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#74-0RB# 0	30~1000MHz	-68.0 2	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#74-0RB# 0	1000~20000MH z	-49.0 7	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#74-0RB# 0	20000~27000M Hz	-34.1 9	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	1RB#0-1RB#2 4	0.009~0.15MHz	-64.0 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	1RB#0-1RB#2 4	0.15~30MHz	-72.7 1	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	1RB#0-1RB#2 4	30~1000MHz	-68.2 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	1RB#0-1RB#2 4	1000~20000MH z	-48.9 5	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	1RB#0-1RB#2 4	20000~27000M Hz	-34.0 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#0-1RB#2 4	0.009~0.15MHz	-66.2 5	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#0-1RB#2 4	0.15~30MHz	-72.9 8	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#0-1RB#2 4	30~1000MHz	-67.7 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#0-1RB#2 4	1000~20000MH z	-49.0 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	1RB#0-1RB#2 4	20000~27000M Hz	-34.2 1	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	75RB#0-25RB #0	0.009~0.15MHz	-88.2 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	75RB#0-25RB #0	0.15~30MHz	-74.2 2	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	75RB#0-25RB #0	30~1000MHz	-67.6 6	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	75RB#0-25RB #0	1000~20000MH z	-49 z	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	20825-209 18	75RB#0-25RB #0	20000~27000M Hz	-34.3 6	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	75RB#0-25RB #0	0.009~0.15MHz	-85.8 9	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	75RB#0-25RB #0	0.15~30MHz	-74.3 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	75RB#0-25RB #0	30~1000MHz	-68.1	PASS
7-7	15MHz-5M	16QAM-16Q	20825-209	75RB#0-25RB	1000~20000MH	-49.1	PASS

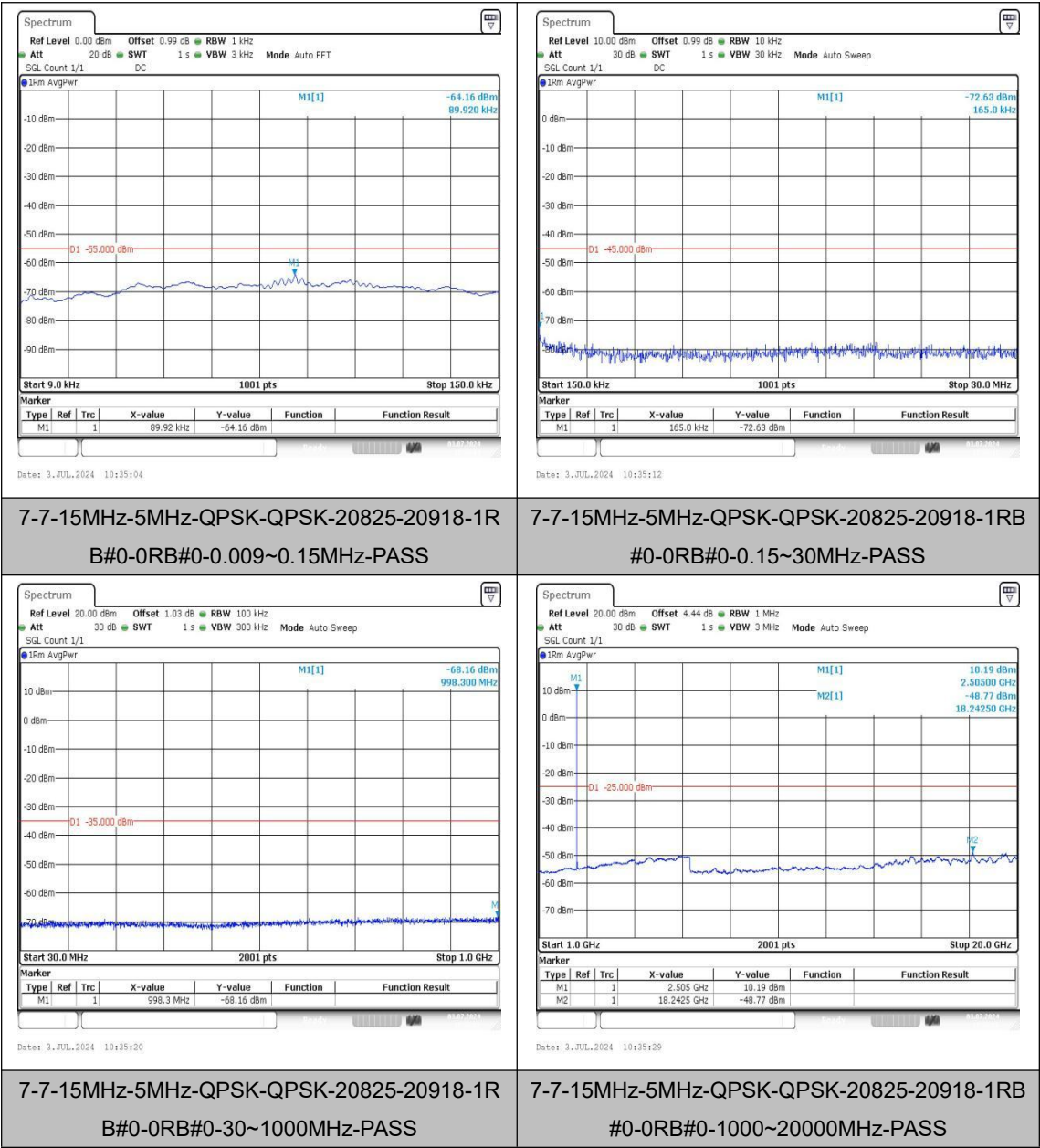
	Hz	AM	18	#0	z	6	
7-7	15MHz-5M Hz	16QAM-16Q AM	20825-209 18	75RB#0-25RB #0	20000~27000M Hz	-34.1 2	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-0RB#0	0.009~0.15MHz	-63.0 4	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-0RB#0	0.15~30MHz	-73.2 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-0RB#0	30~1000MHz	-67.8 7	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-0RB#0	1000~20000MH z	-49.1 2	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-0RB#0	20000~27000M Hz	-34.3 8	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-0RB#0	0.009~0.15MHz	-64.1 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-0RB#0	0.15~30MHz	-75.3 8	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-0RB#0	30~1000MHz	-68.1 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-0RB#0	1000~20000MH z	-49.0 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-0RB#0	20000~27000M Hz	-34.3 4	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#74-0RB# 0	0.009~0.15MHz	-62.2 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#74-0RB# 0	0.15~30MHz	-72.4	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#74-0RB# 0	30~1000MHz	-67.9 5	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#74-0RB# 0	1000~20000MH z	-49.0 9	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#74-0RB# 0	20000~27000M Hz	-33.9 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#74-0RB# 0	0.009~0.15MHz	-63.3 6	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#74-0RB# 0	0.15~30MHz	-72.4 3	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#74-0RB# 0	30~1000MHz	-67.8 8	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#74-0RB# 0	1000~20000MH z	-49.1 7	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#74-0RB# 0	20000~27000M Hz	-34.2 4	PASS

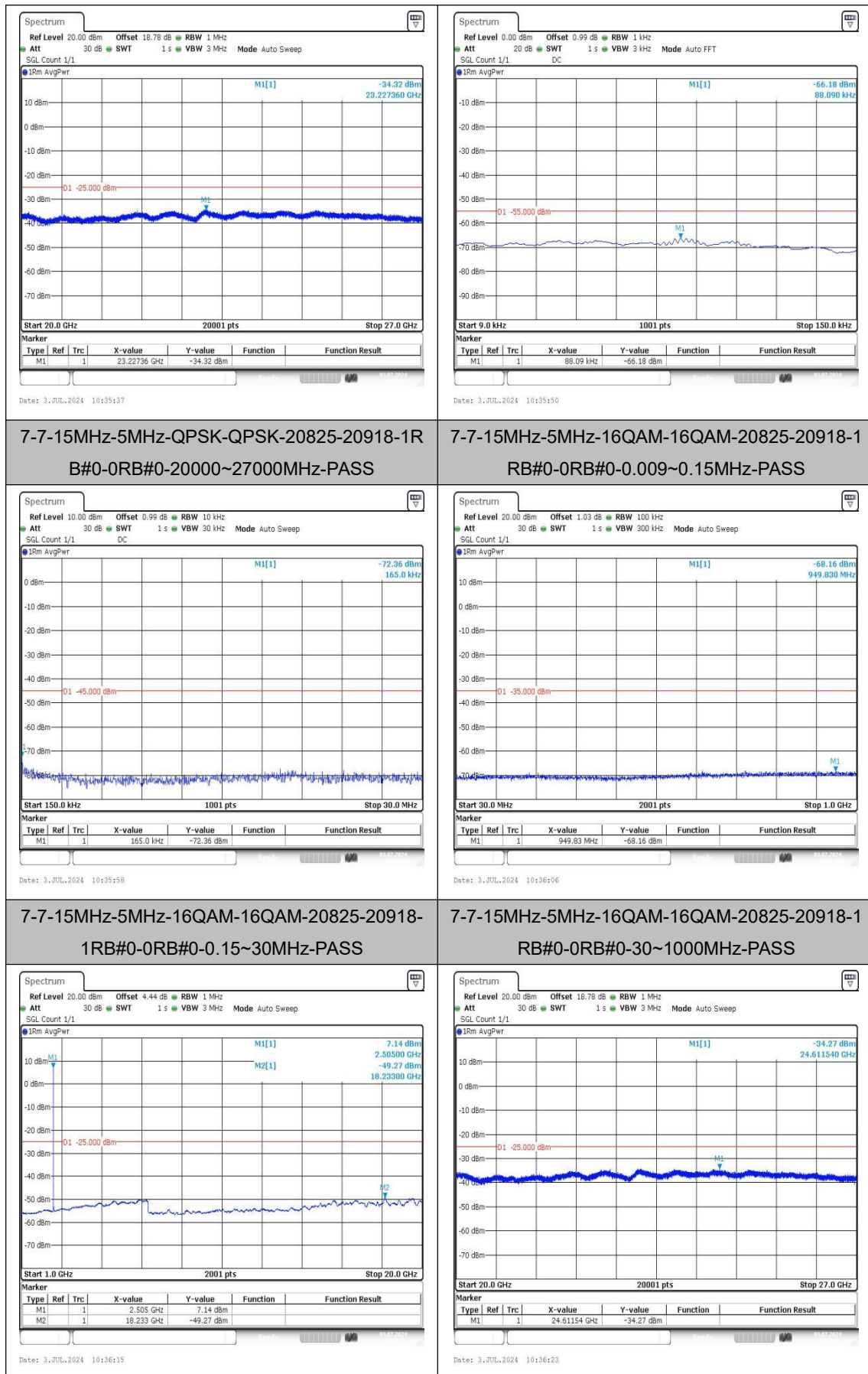
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-1RB#2 4	0.009~0.15MHz	-63.0 1	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-1RB#2 4	0.15~30MHz	-71.3 7	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-1RB#2 4	30~1000MHz	-67.8 1	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-1RB#2 4	1000~20000MH z	-49.1	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	1RB#0-1RB#2 4	20000~27000M Hz	-34.2 6	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-1RB#2 4	0.009~0.15MHz	-64.1 1	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-1RB#2 4	0.15~30MHz	-73.2 7	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-1RB#2 4	30~1000MHz	-68.1 9	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-1RB#2 4	1000~20000MH z	-49	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	1RB#0-1RB#2 4	20000~27000M Hz	-34.3 9	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	75RB#0-25RB #0	0.009~0.15MHz	-87.2 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	75RB#0-25RB #0	0.15~30MHz	-73.0 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	75RB#0-25RB #0	30~1000MHz	-68.2 2	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	75RB#0-25RB #0	1000~20000MH z	-48.9 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21076-211 69	75RB#0-25RB #0	20000~27000M Hz	-34.2 3	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	75RB#0-25RB #0	0.009~0.15MHz	-85.2 2	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	75RB#0-25RB #0	0.15~30MHz	-74.3 7	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	75RB#0-25RB #0	30~1000MHz	-68	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	75RB#0-25RB #0	1000~20000MH z	-49.2 2	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21076-211 69	75RB#0-25RB #0	20000~27000M Hz	-34.1 7	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-0RB#0	0.009~0.15MHz	-61.0 3	PASS
7-7	15MHz-5M	QPSK-QPSK	21327-214	1RB#0-0RB#0	0.15~30MHz	-73.7	PASS

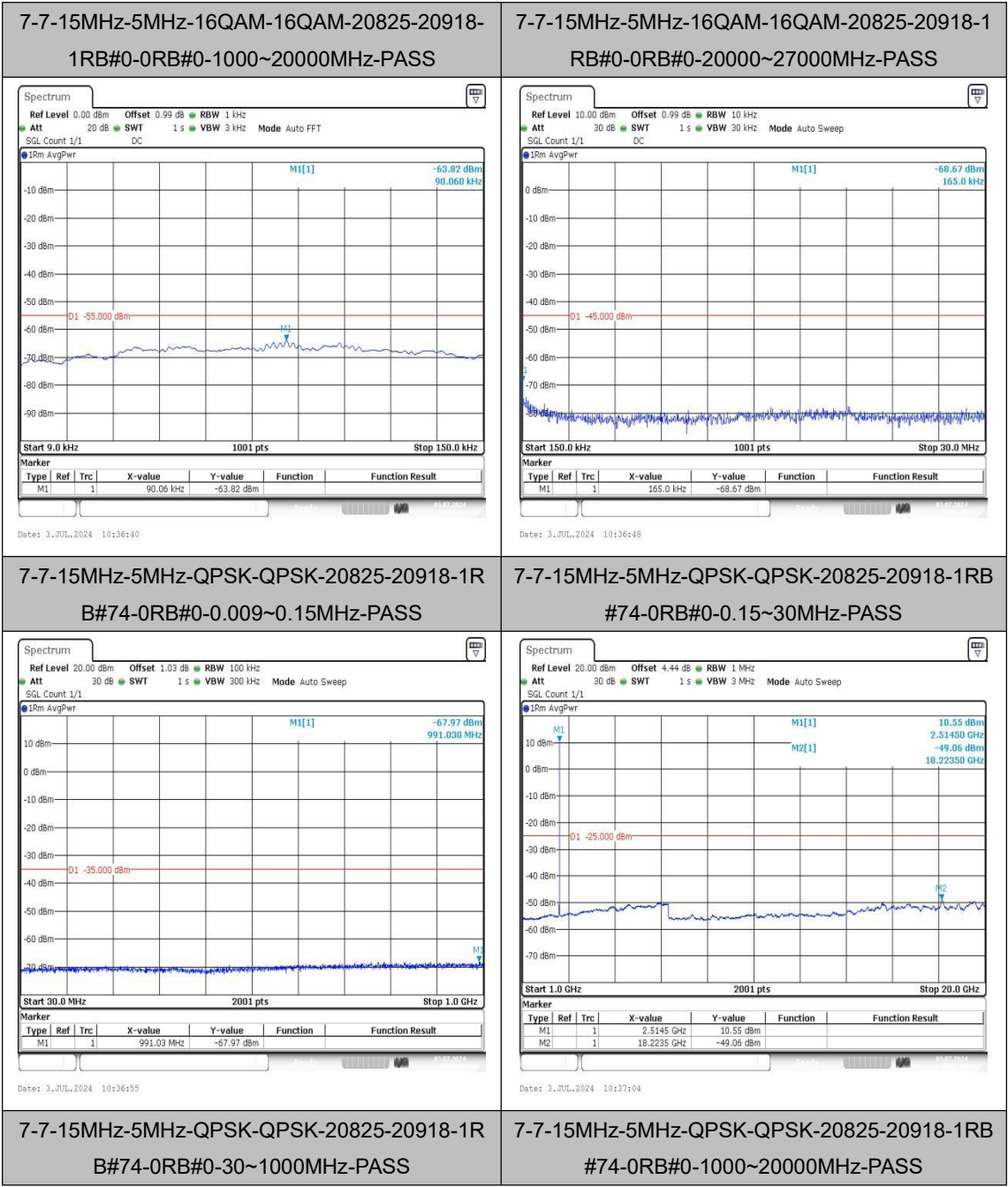
	Hz		20			8	
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-0RB#0	30~1000MHz	-68.0 6	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-0RB#0	1000~20000MH z	-48.7 9	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-0RB#0	20000~27000M Hz	-34.3 8	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-0RB#0	0.009~0.15MHz	-63.0 6	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-0RB#0	0.15~30MHz	-73.6 5	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-0RB#0	30~1000MHz	-68	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-0RB#0	1000~20000MH z	-49.1 3	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-0RB#0	20000~27000M Hz	-34.3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#74-0RB# 0	0.009~0.15MHz	-60.7 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#74-0RB# 0	0.15~30MHz	-73.0 4	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#74-0RB# 0	30~1000MHz	-67.9 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#74-0RB# 0	1000~20000MH z	-49.0 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#74-0RB# 0	20000~27000M Hz	-34.0 5	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#74-0RB# 0	0.009~0.15MHz	-62.7 3	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#74-0RB# 0	0.15~30MHz	-71.8 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#74-0RB# 0	30~1000MHz	-67.9 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#74-0RB# 0	1000~20000MH z	-49.2 9	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#74-0RB# 0	20000~27000M Hz	-34.1 3	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-1RB#2 4	0.009~0.15MHz	-61.4 1	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-1RB#2 4	0.15~30MHz	-72.2 9	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-1RB#2 4	30~1000MHz	-68.4	PASS

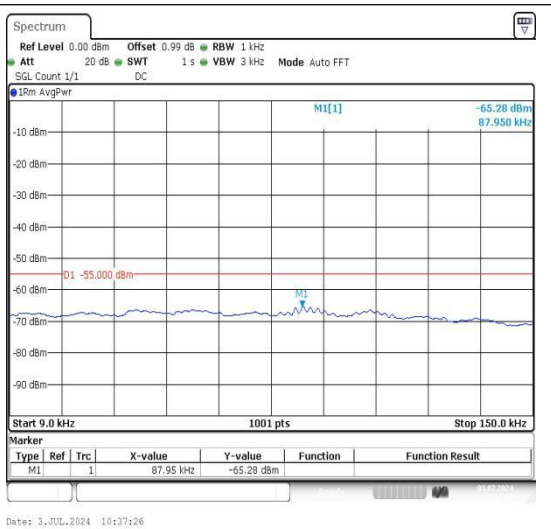
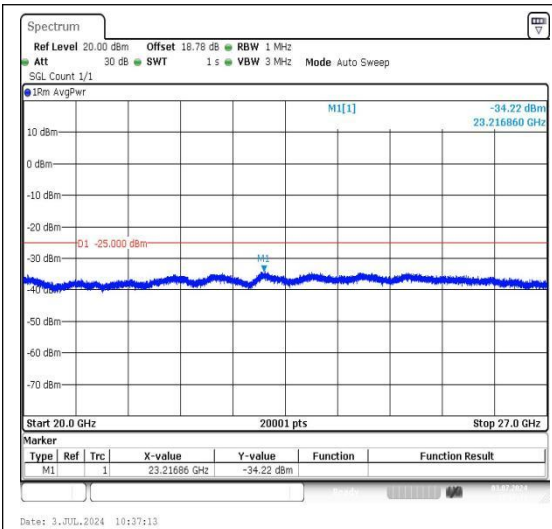
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-1RB#2 4	1000~20000MH z	-49.1 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	1RB#0-1RB#2 4	20000~27000M Hz	-34.3 6	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-1RB#2 4	0.009~0.15MHz	-62.9 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-1RB#2 4	0.15~30MHz	-70.9 5	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-1RB#2 4	30~1000MHz	-68.1 3	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-1RB#2 4	1000~20000MH z	-48.9 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	1RB#0-1RB#2 4	20000~27000M Hz	-34.2 8	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	75RB#0-25RB #0	0.009~0.15MHz	-86.2 7	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	75RB#0-25RB #0	0.15~30MHz	-73.9 2	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	75RB#0-25RB #0	30~1000MHz	-67.9 6	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	75RB#0-25RB #0	1000~20000MH z	-48.9 6	PASS
7-7	15MHz-5M Hz	QPSK-QPSK	21327-214 20	75RB#0-25RB #0	20000~27000M Hz	-34.4 2	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	75RB#0-25RB #0	0.009~0.15MHz	-83.8 7	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	75RB#0-25RB #0	0.15~30MHz	-74.5 4	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	75RB#0-25RB #0	30~1000MHz	-68.1 2	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	75RB#0-25RB #0	1000~20000MH z	-48.9	PASS
7-7	15MHz-5M Hz	16QAM-16Q AM	21327-214 20	75RB#0-25RB #0	20000~27000M Hz	-33.9 4	PASS

Test Graphs



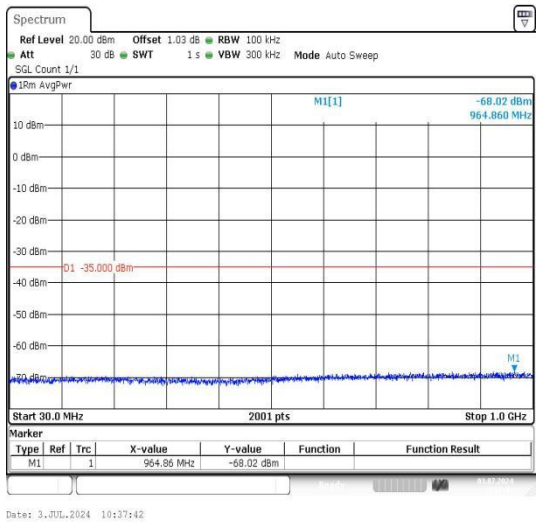
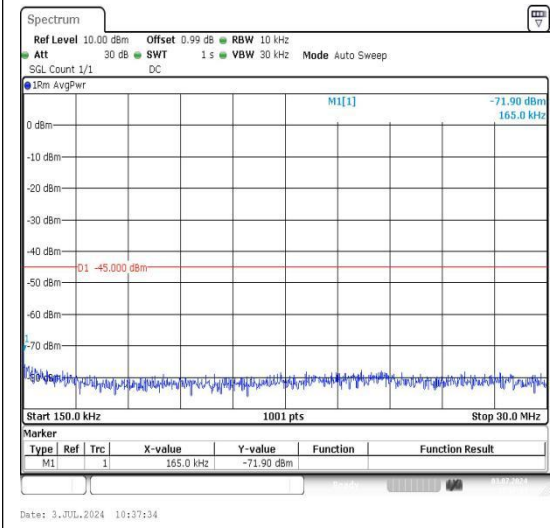






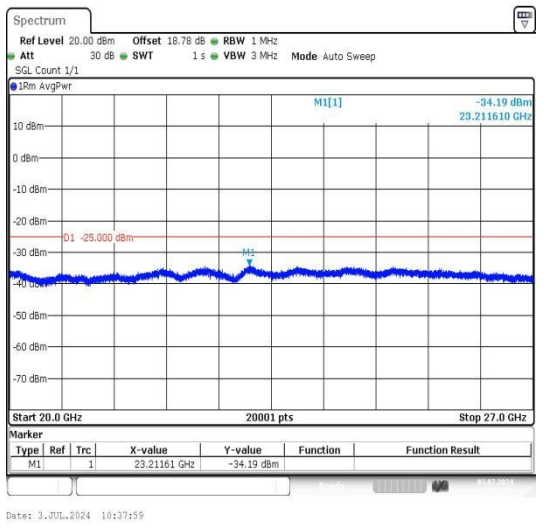
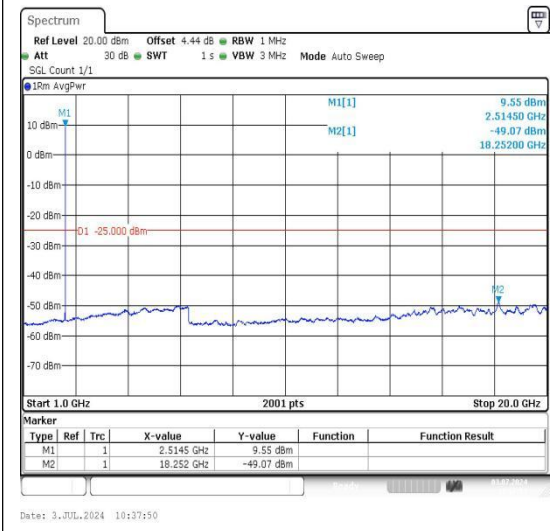
7-7-15MHz-5MHz-QPSK-QPSK-20825-20918-1R
B#74-ORB#0-20000~27000MHz-PASS

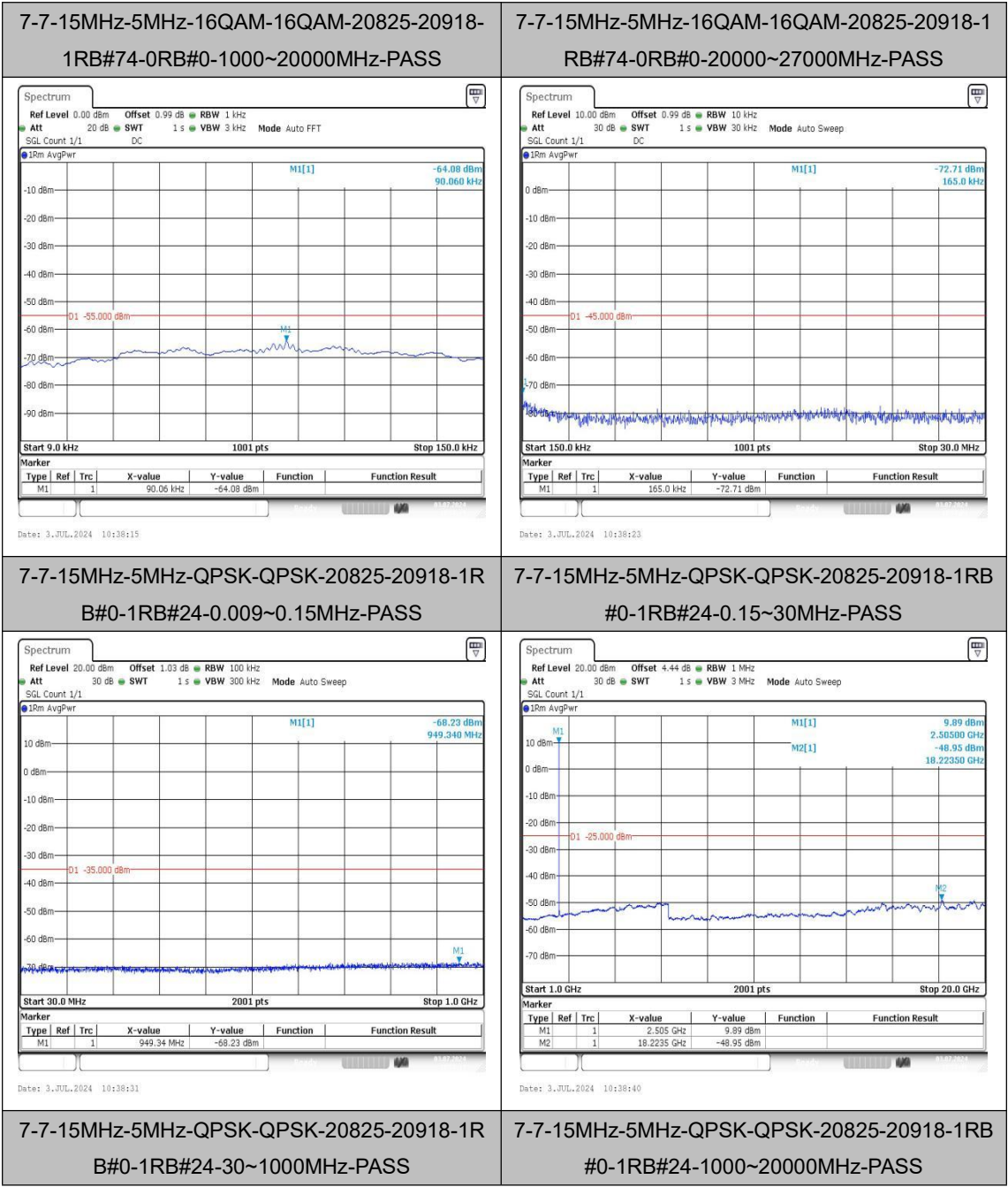
7-7-15MHz-5MHz-16QAM-16QAM-20825-20918-1
RB#74-ORB#0-0.009~0.15MHz-PASS

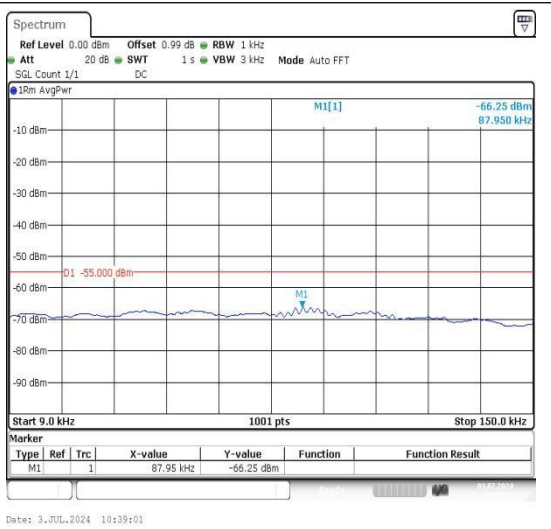
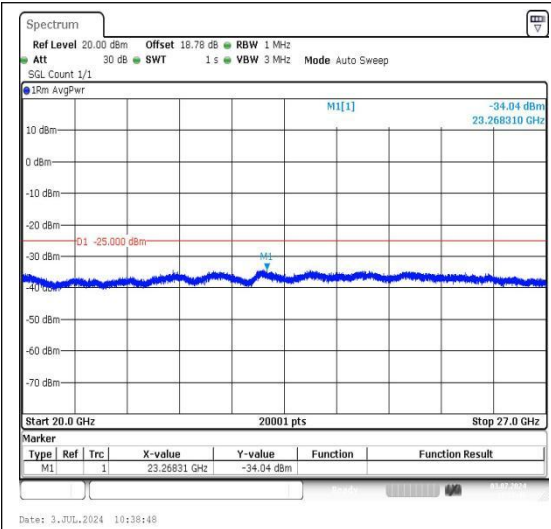


7-7-15MHz-5MHz-16QAM-16QAM-20825-20918-1
RB#74-ORB#0-0.15~30MHz-PASS

7-7-15MHz-5MHz-16QAM-16QAM-20825-20918-1
RB#74-ORB#0-30~1000MHz-PASS

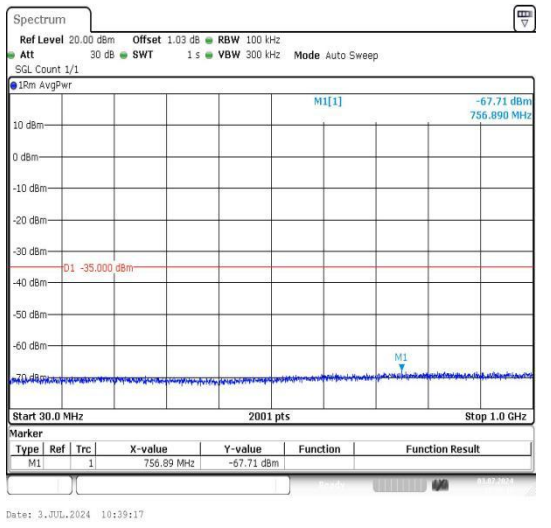
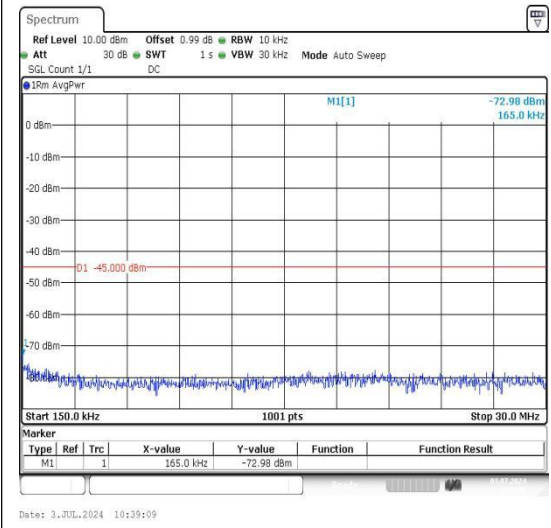






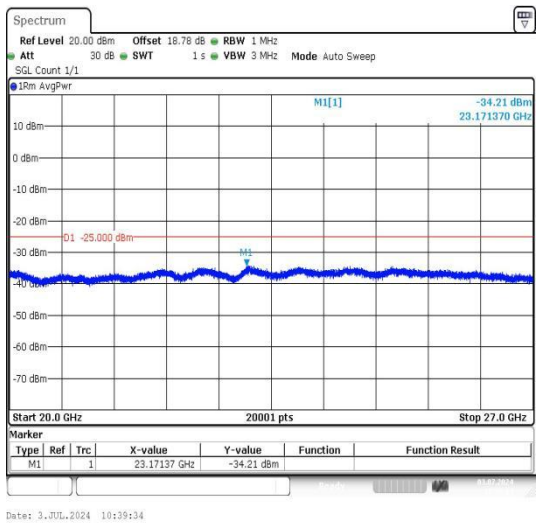
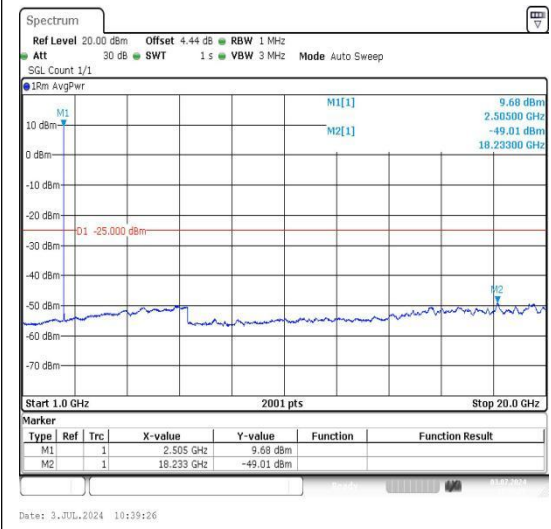
7-7-15MHz-5MHz-QPSK-QPSK-20825-20918-1R
B#0-1RB#24-20000~27000MHz-PASS

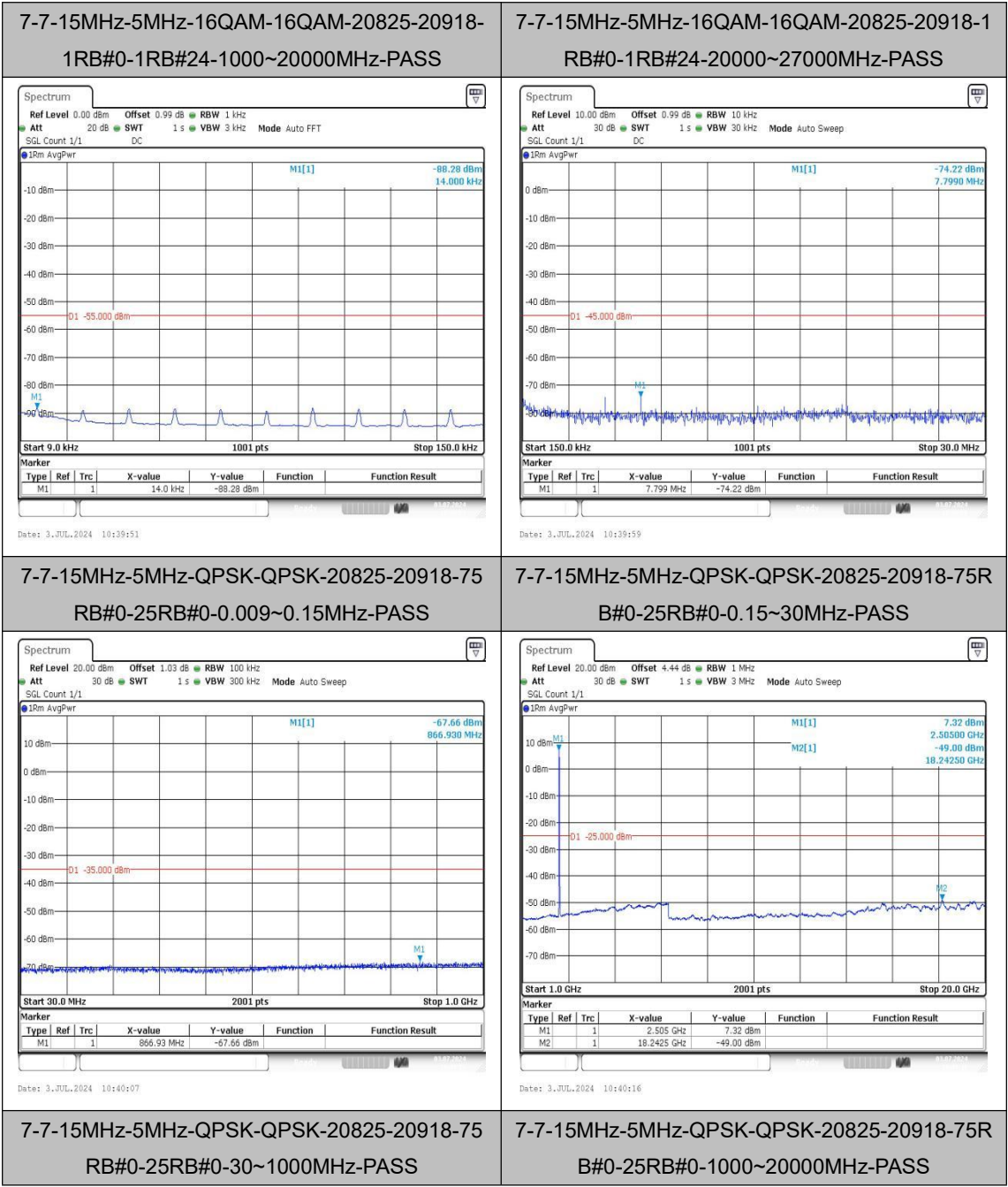
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RB#0-1RB#24-0.009~0.15MHz-PASS

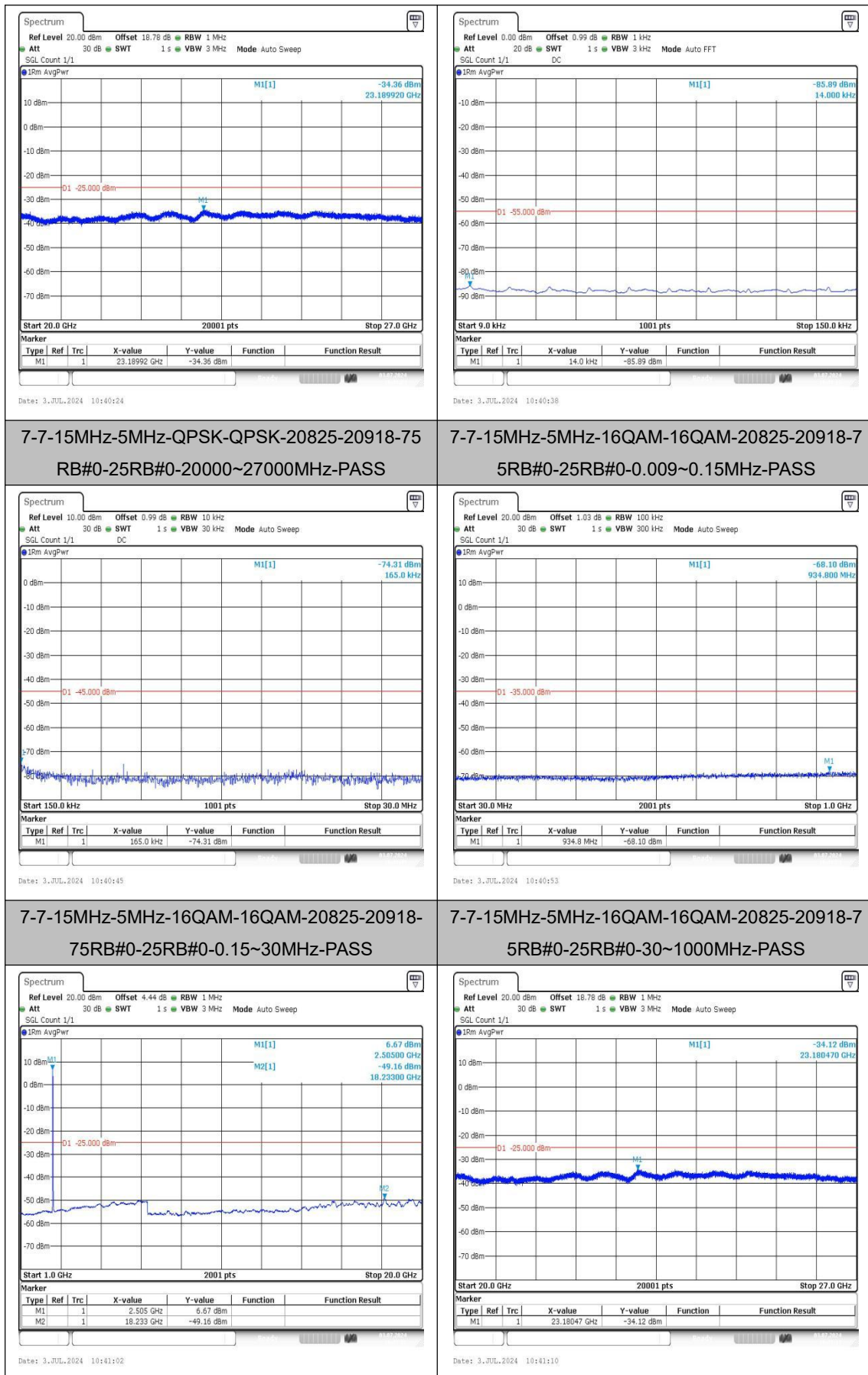


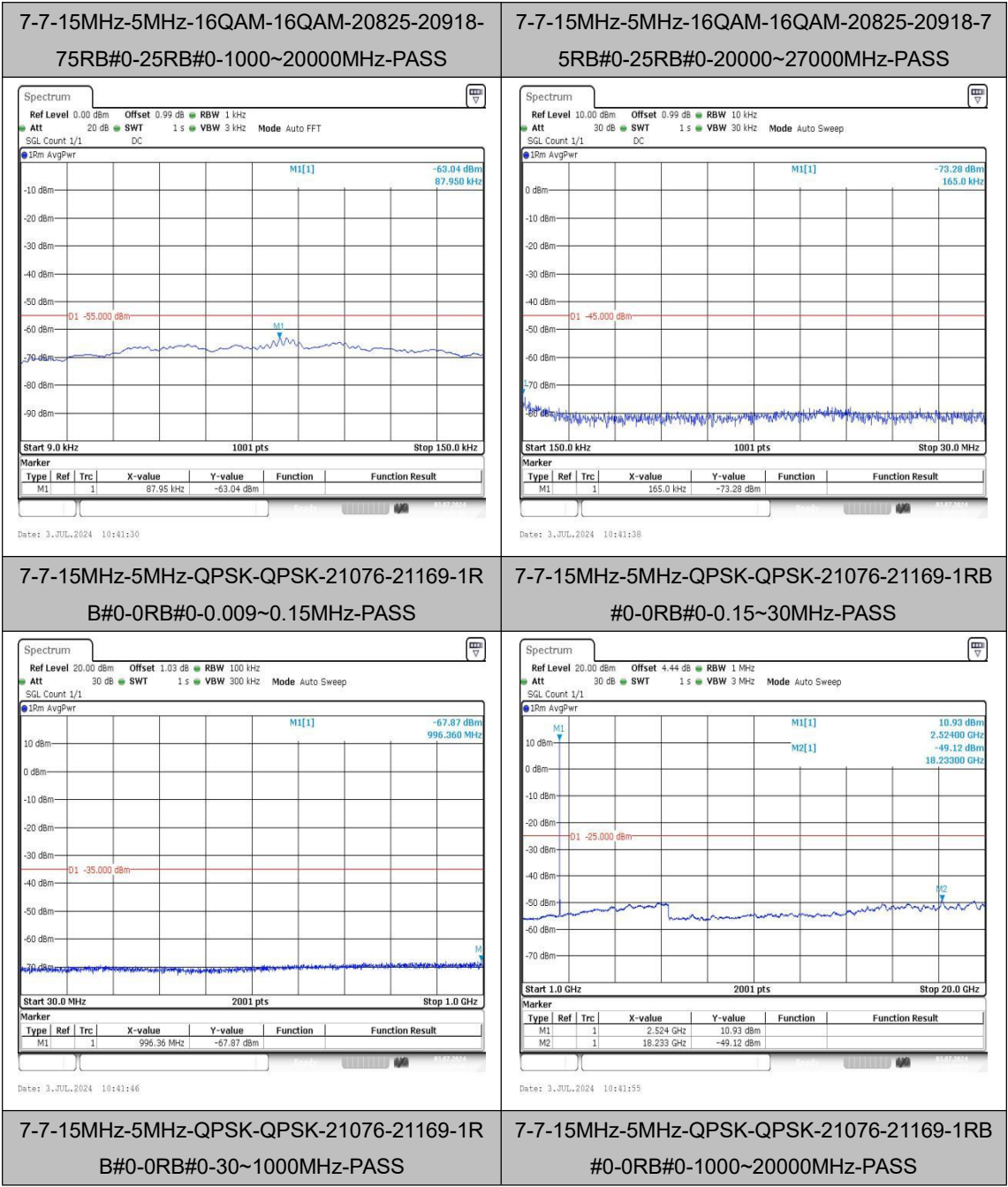
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1RB#0-1RB#24-0.15~30MHz-PASS

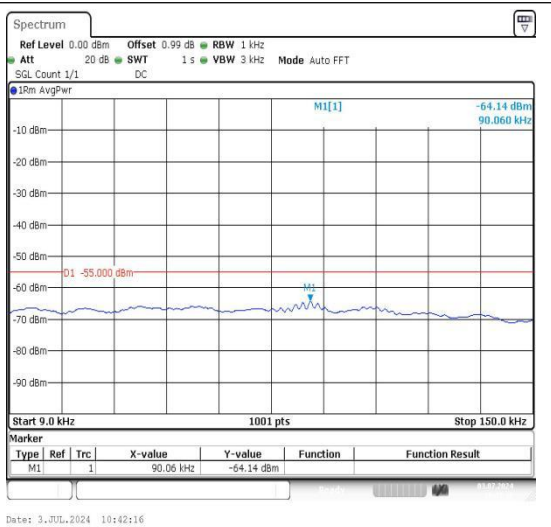
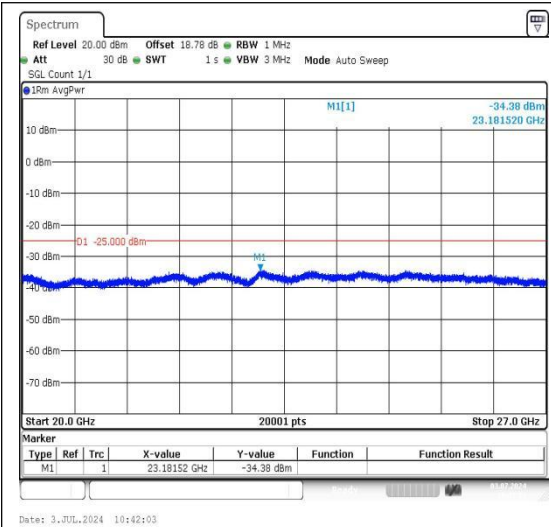
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RB#0-1RB#24-30~1000MHz-PASS





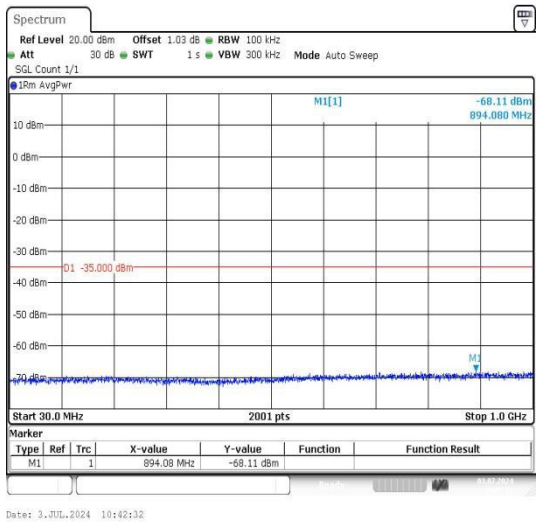
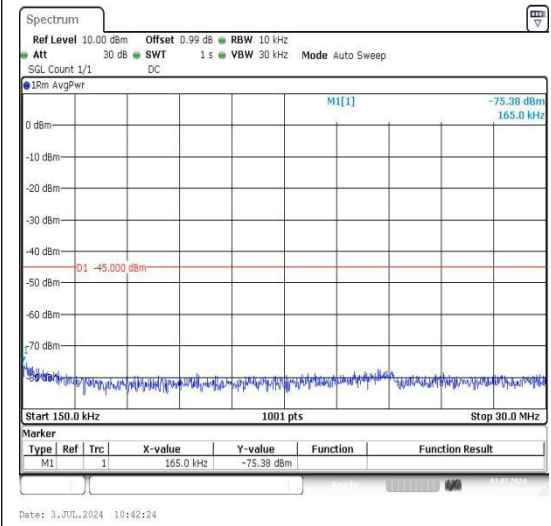






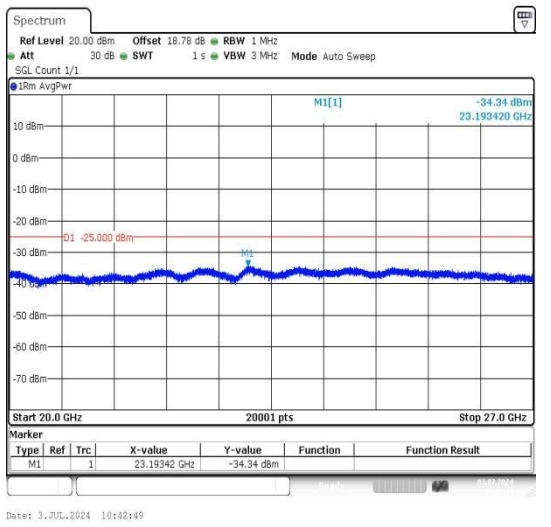
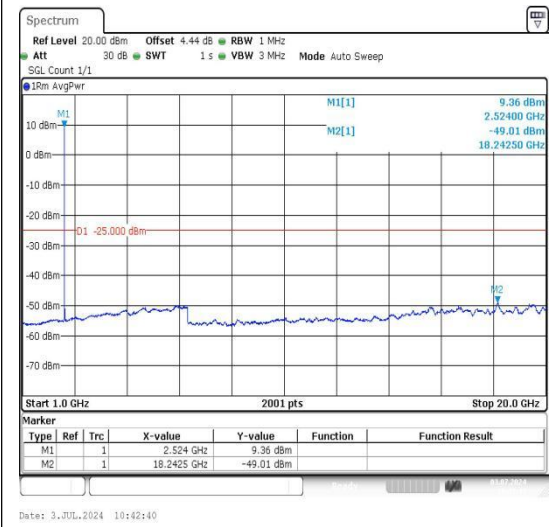
7-7-15MHz-5MHz-QPSK-QPSK-21076-21169-1R
B#0-ORB#0-20000~27000MHz-PASS

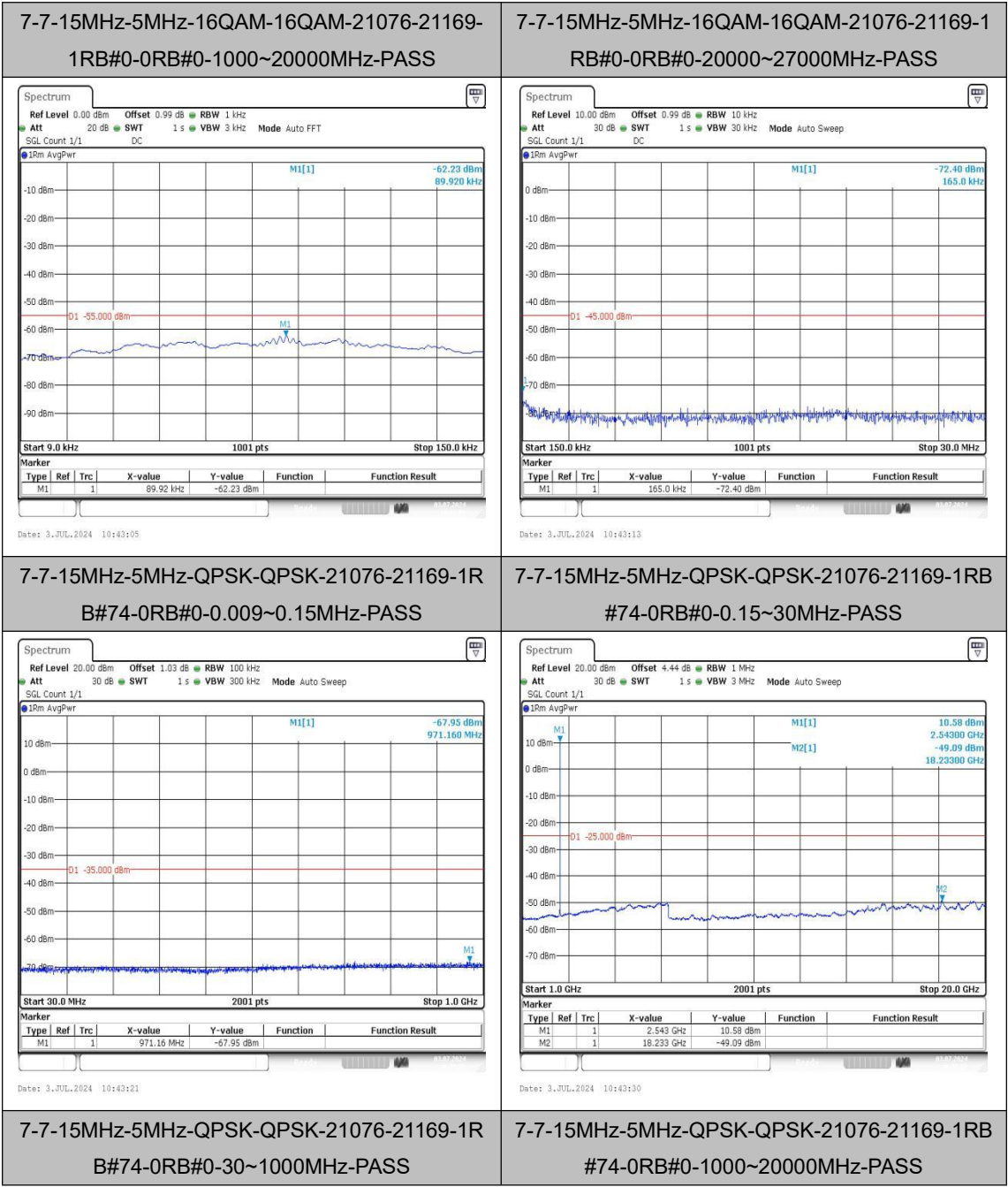
7-7-15MHz-5MHz-16QAM-16QAM-21076-21169-1
RB#0-ORB#0-0.009~0.15MHz-PASS

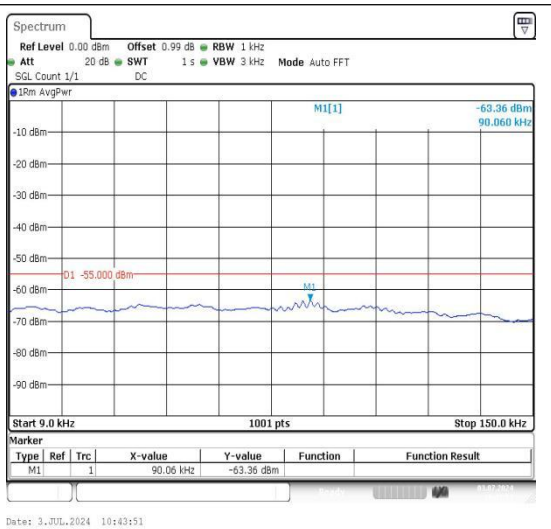
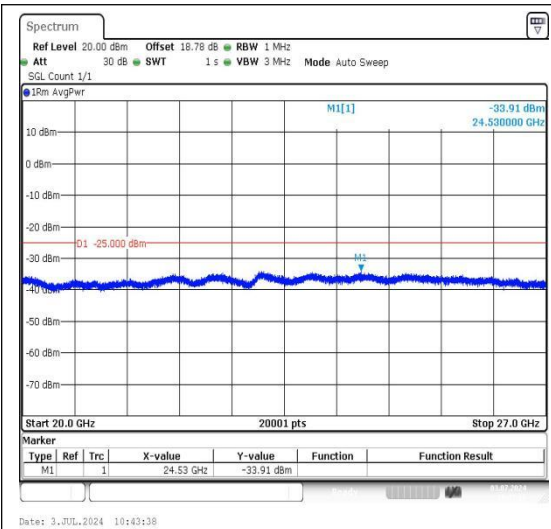


7-7-15MHz-5MHz-16QAM-16QAM-21076-21169-1
RB#0-ORB#0-0.15~30MHz-PASS

7-7-15MHz-5MHz-16QAM-16QAM-21076-21169-1
RB#0-ORB#0-30~1000MHz-PASS

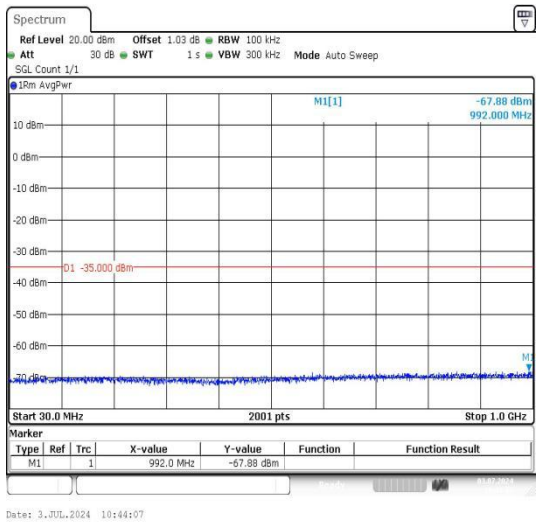
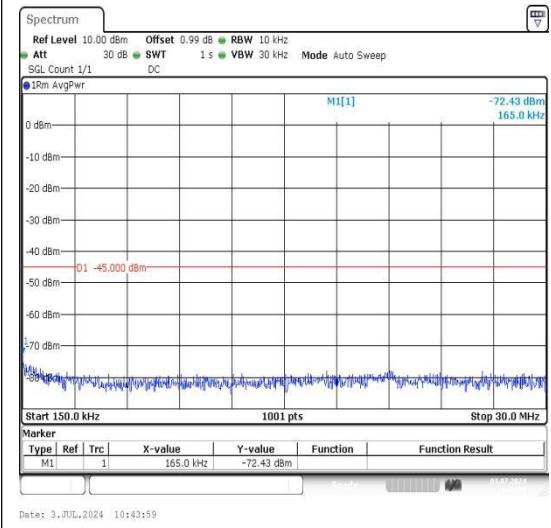






7-7-15MHz-5MHz-QPSK-QPSK-21076-21169-1R
B#74-ORB#0-20000~27000MHz-PASS

7-7-15MHz-5MHz-16QAM-16QAM-21076-21169-1
RB#74-ORB#0-0.009~0.15MHz-PASS



7-7-15MHz-5MHz-16QAM-16QAM-21076-21169-1
RB#74-ORB#0-0.15~30MHz-PASS

7-7-15MHz-5MHz-16QAM-16QAM-21076-21169-1
RB#74-ORB#0-30~1000MHz-PASS

