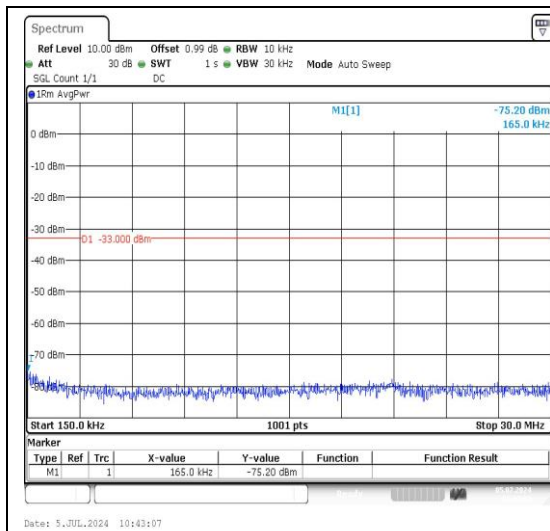
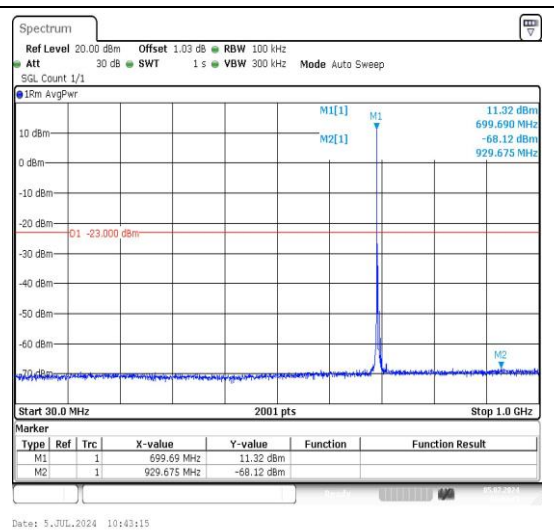
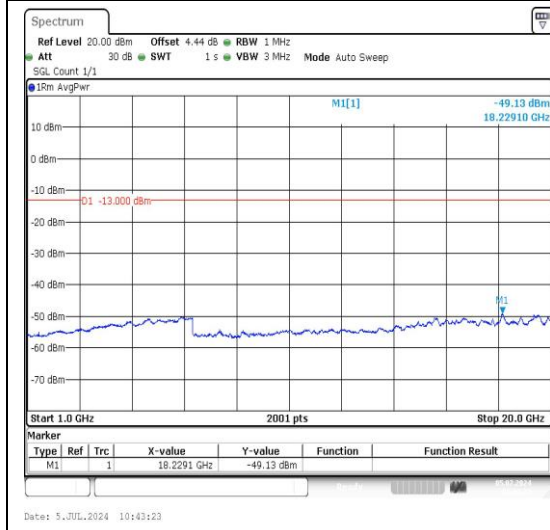




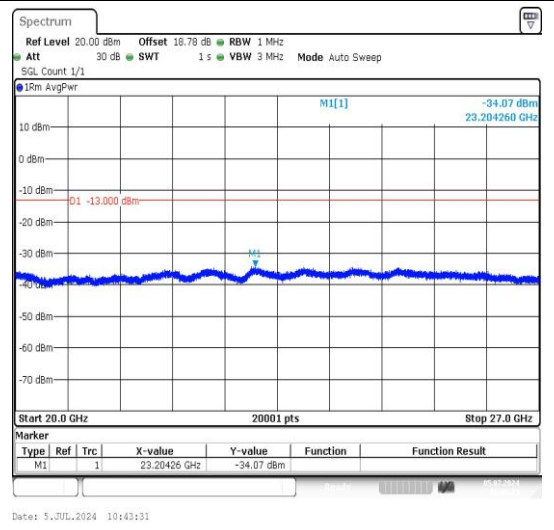
12-12-5MHz-10MHz-16QAM-16QAM-23038-2311
0-1RB#0-1RB#49-0.15~30MHz-PASS



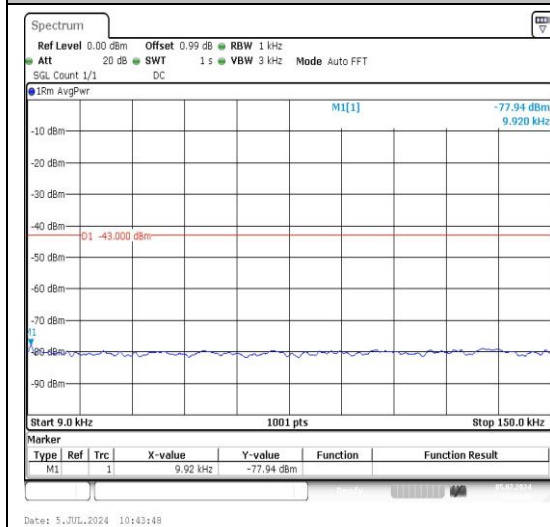
12-12-5MHz-10MHz-16QAM-16QAM-23038-23110
-1RB#0-1RB#49-30~1000MHz-PASS



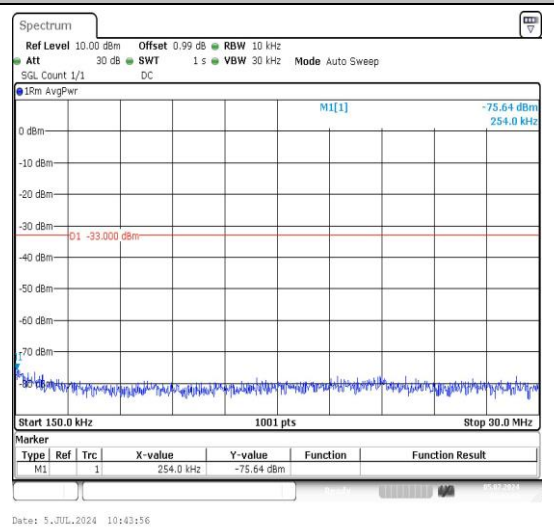
12-12-5MHz-10MHz-16QAM-16QAM-23038-2311
0-1RB#0-1RB#49-1000~20000MHz-PASS



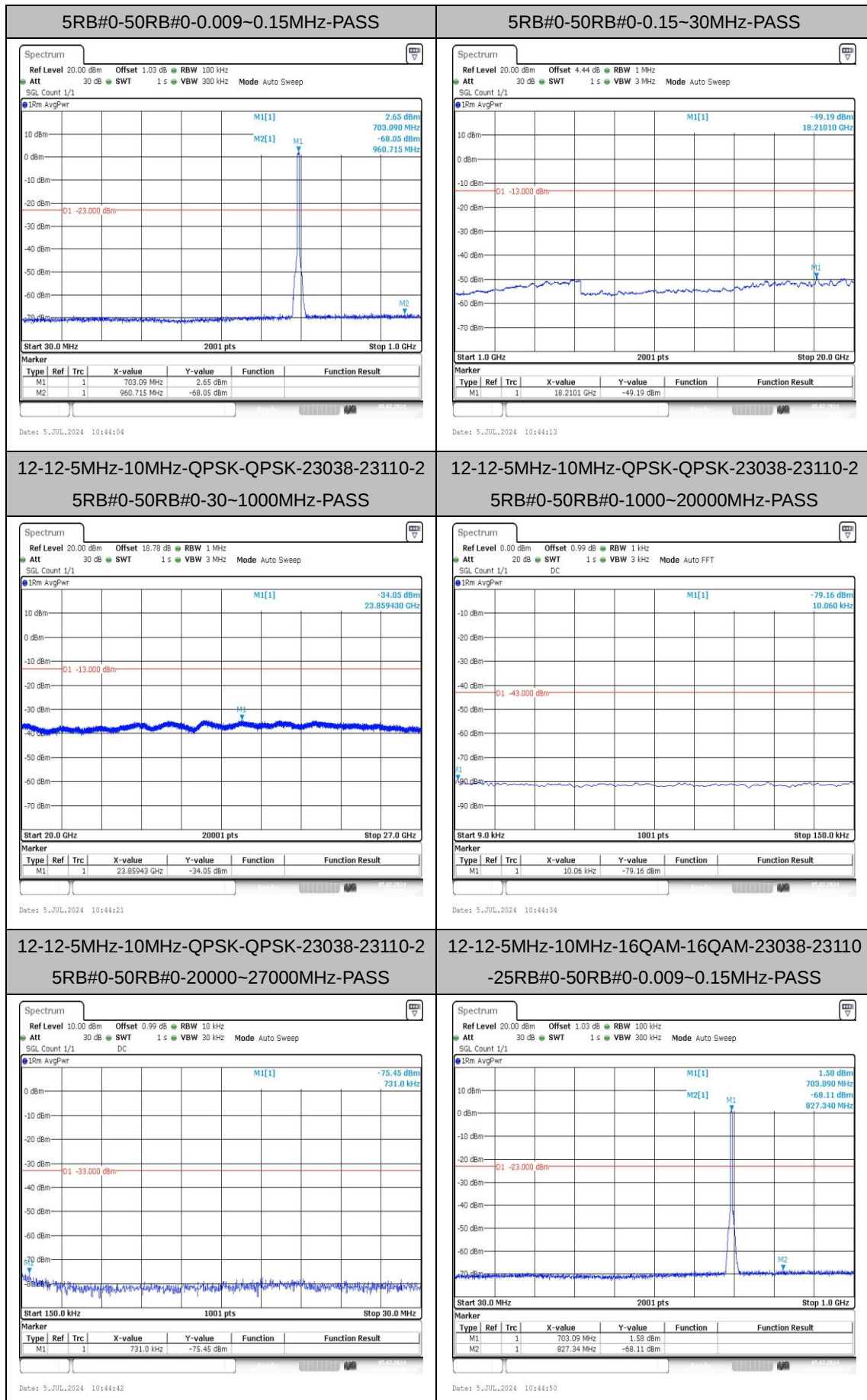
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-1RB#0-1RB#49-20000~27000MHz-PASS

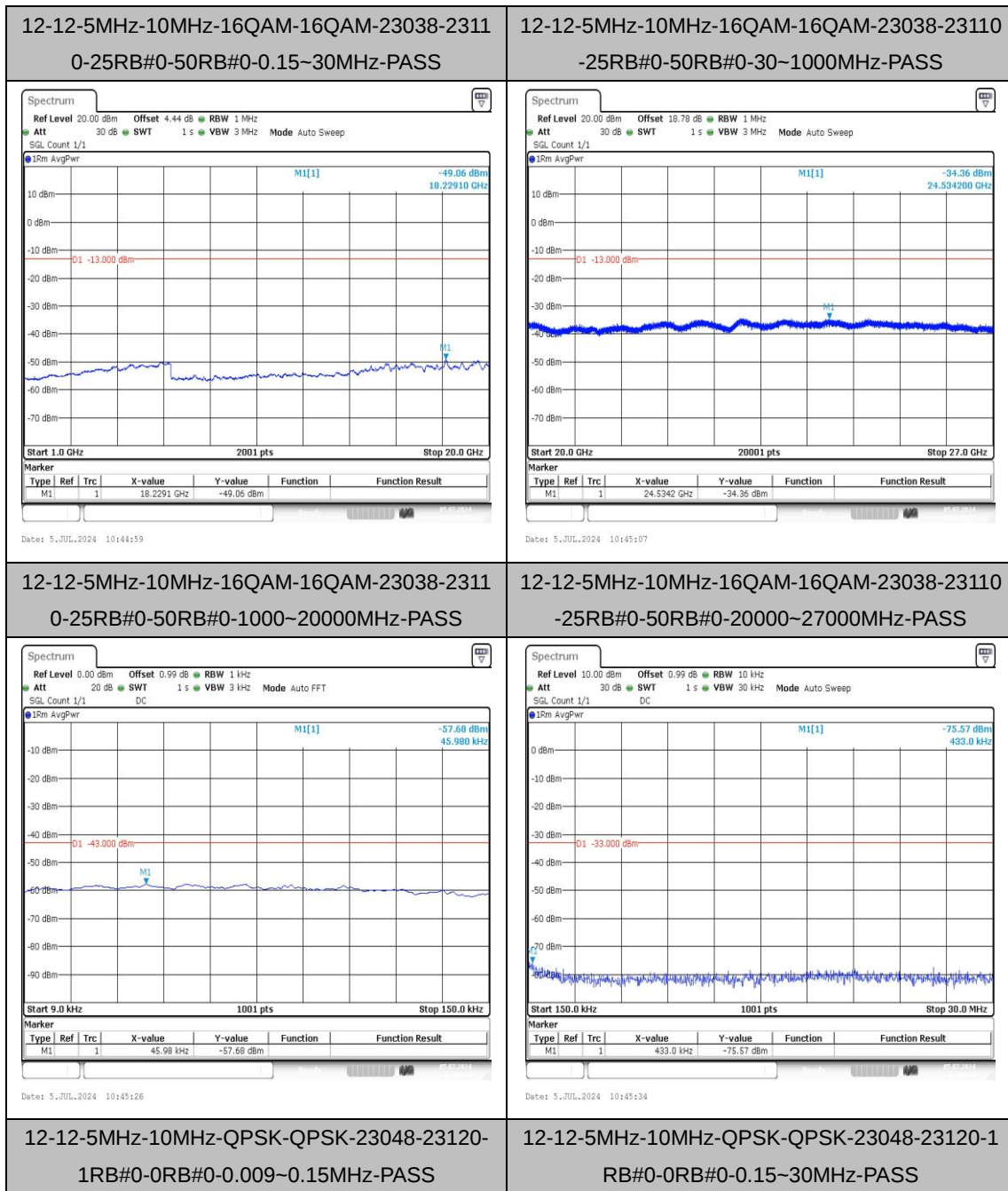


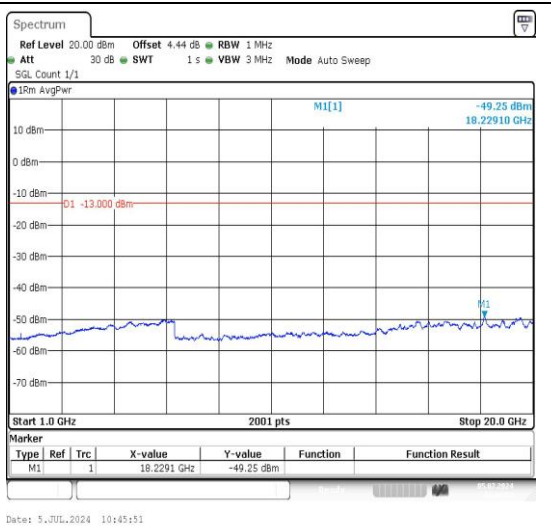
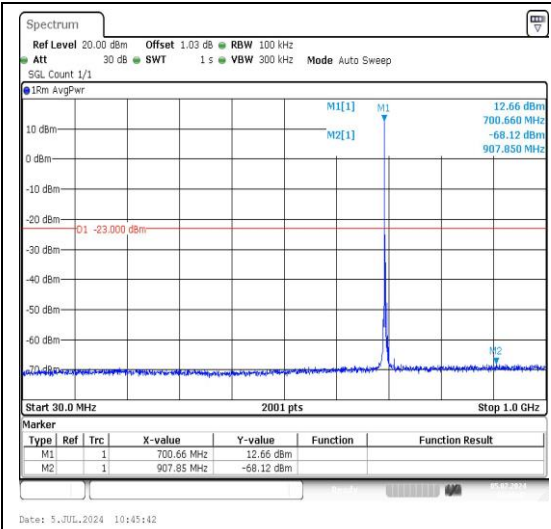
12-12-5MHz-10MHz-QPSK-QPSK-23038-23110-2



12-12-5MHz-10MHz-QPSK-QPSK-23038-23110-2

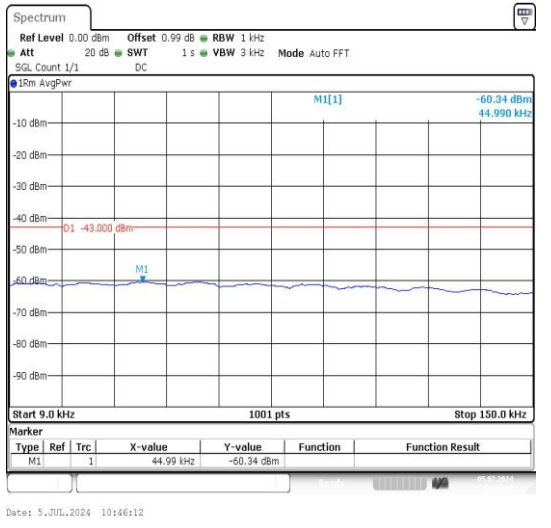
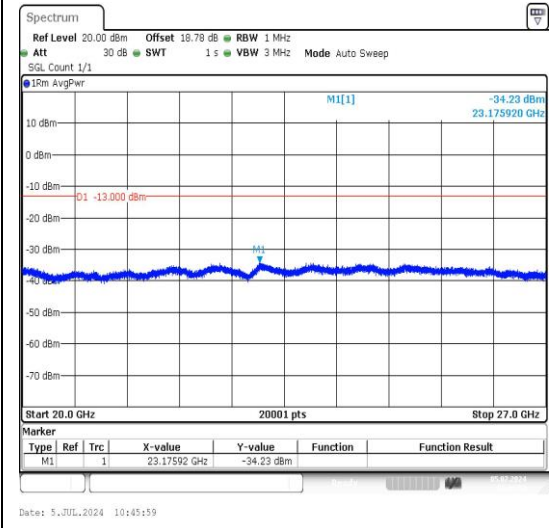






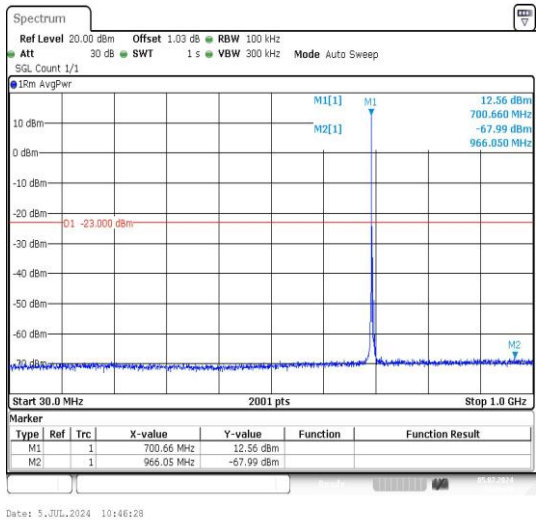
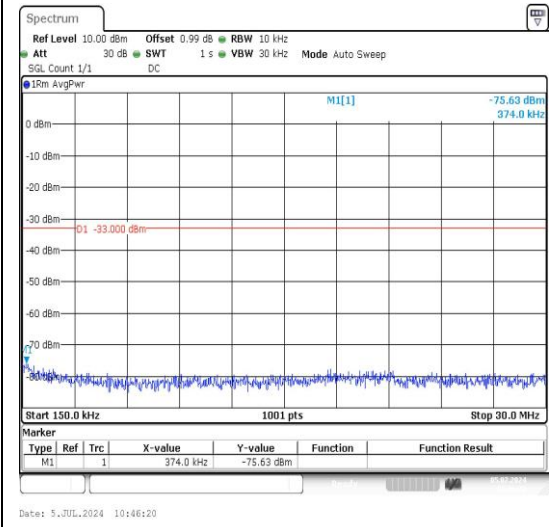
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-
1RB#0-ORB#0-30~1000MHz-PASS

12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-1
RB#0-ORB#0-1000~20000MHz-PASS



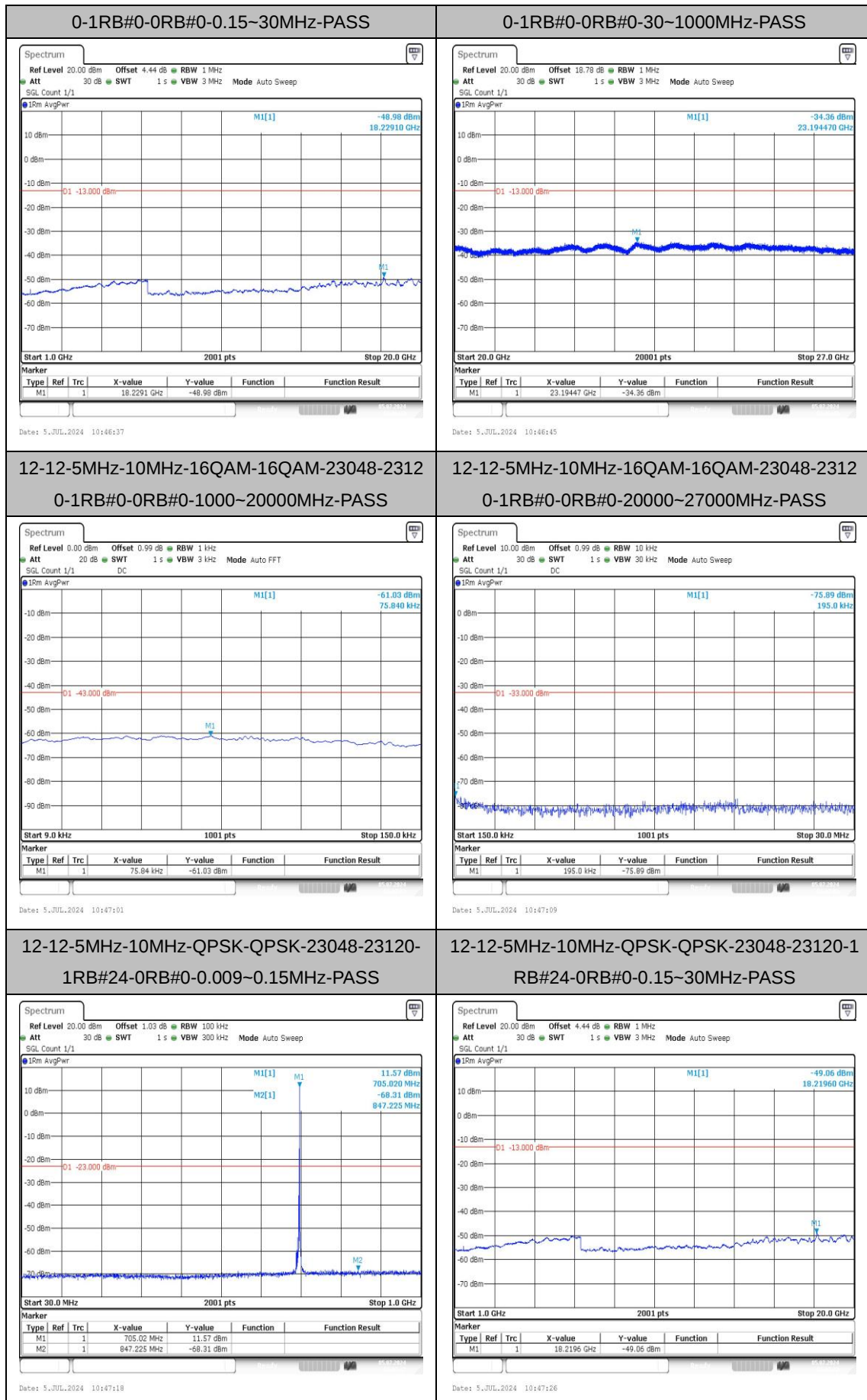
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-
1RB#0-ORB#0-20000~27000MHz-PASS

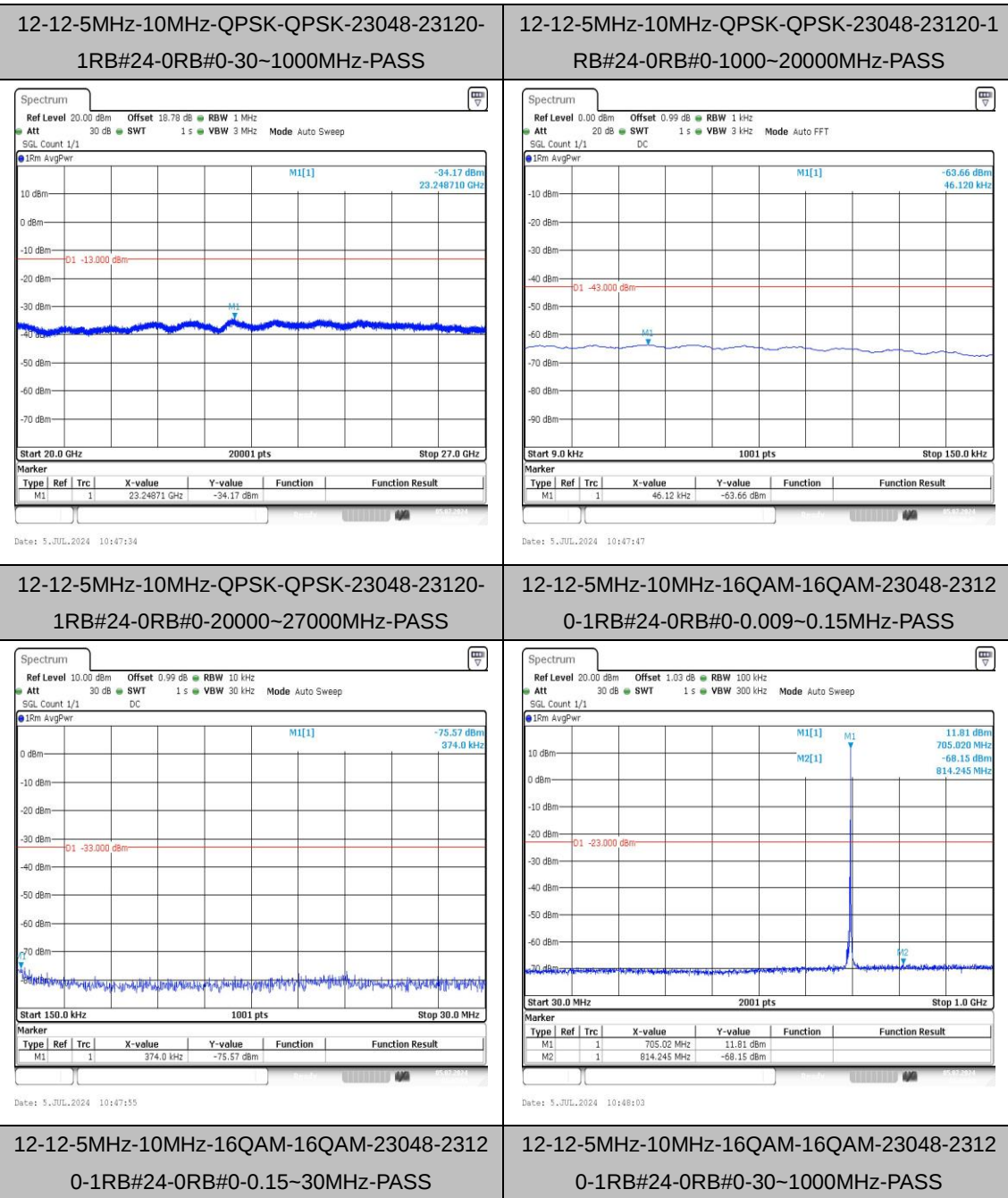
12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-1RB#0-ORB#0-0.009~0.15MHz-PASS

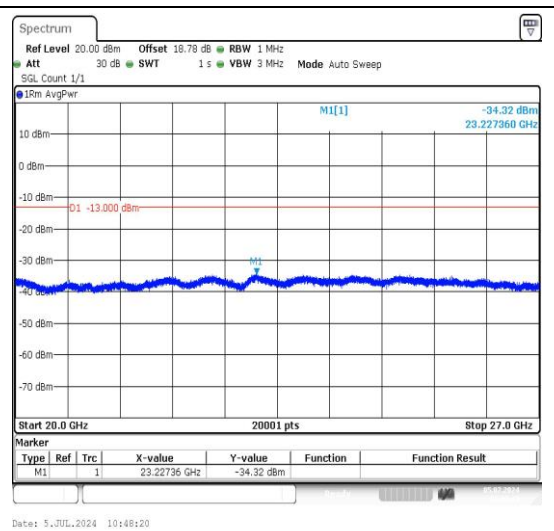
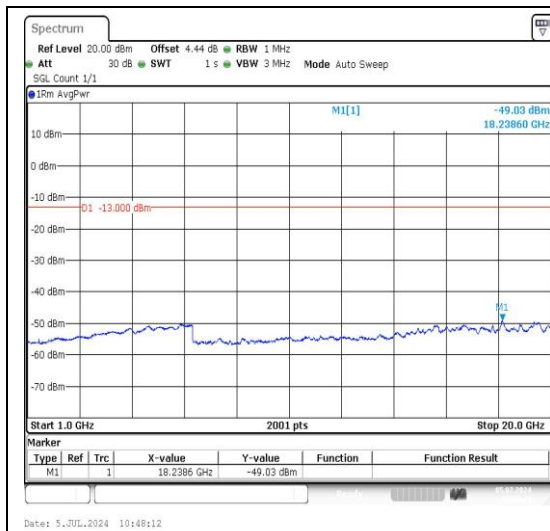


12-12-5MHz-10MHz-16QAM-16QAM-23048-2312

12-12-5MHz-10MHz-16QAM-16QAM-23048-2312

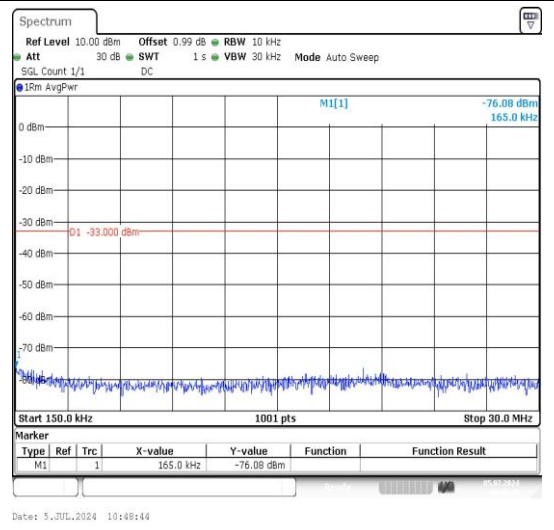
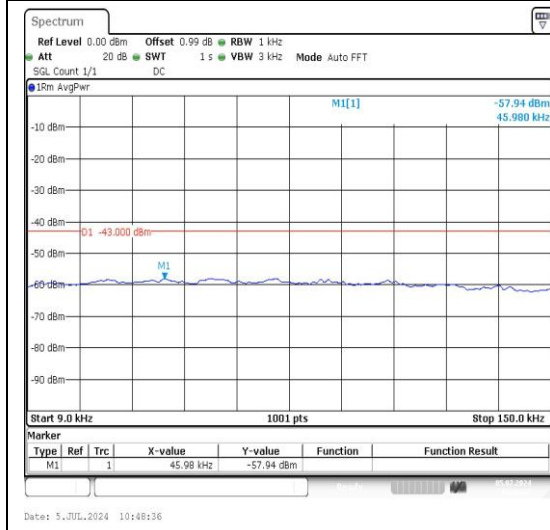






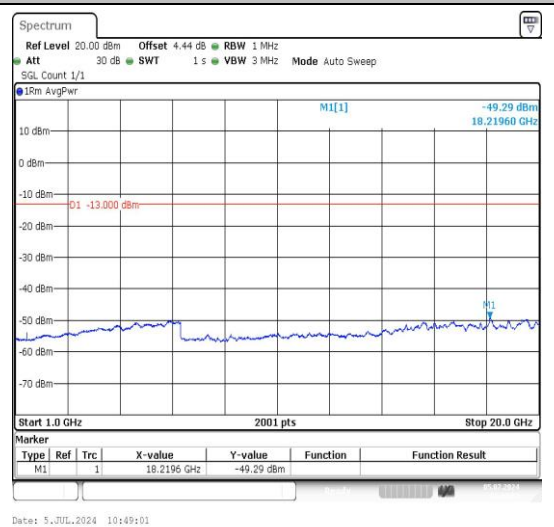
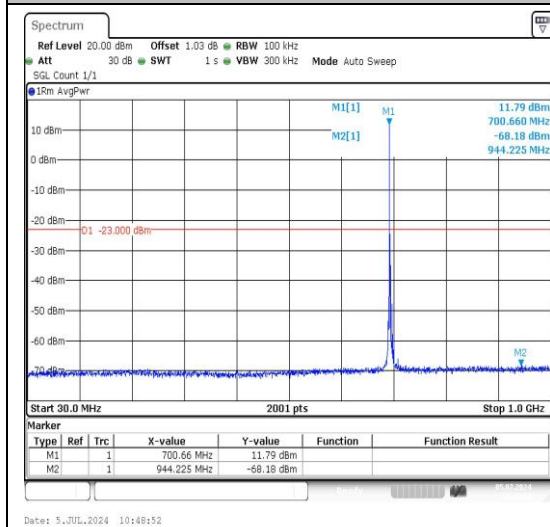
12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-1RB#24-0RB#0-1000~20000MHz-PASS

12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-1RB#24-0RB#0-20000~27000MHz-PASS



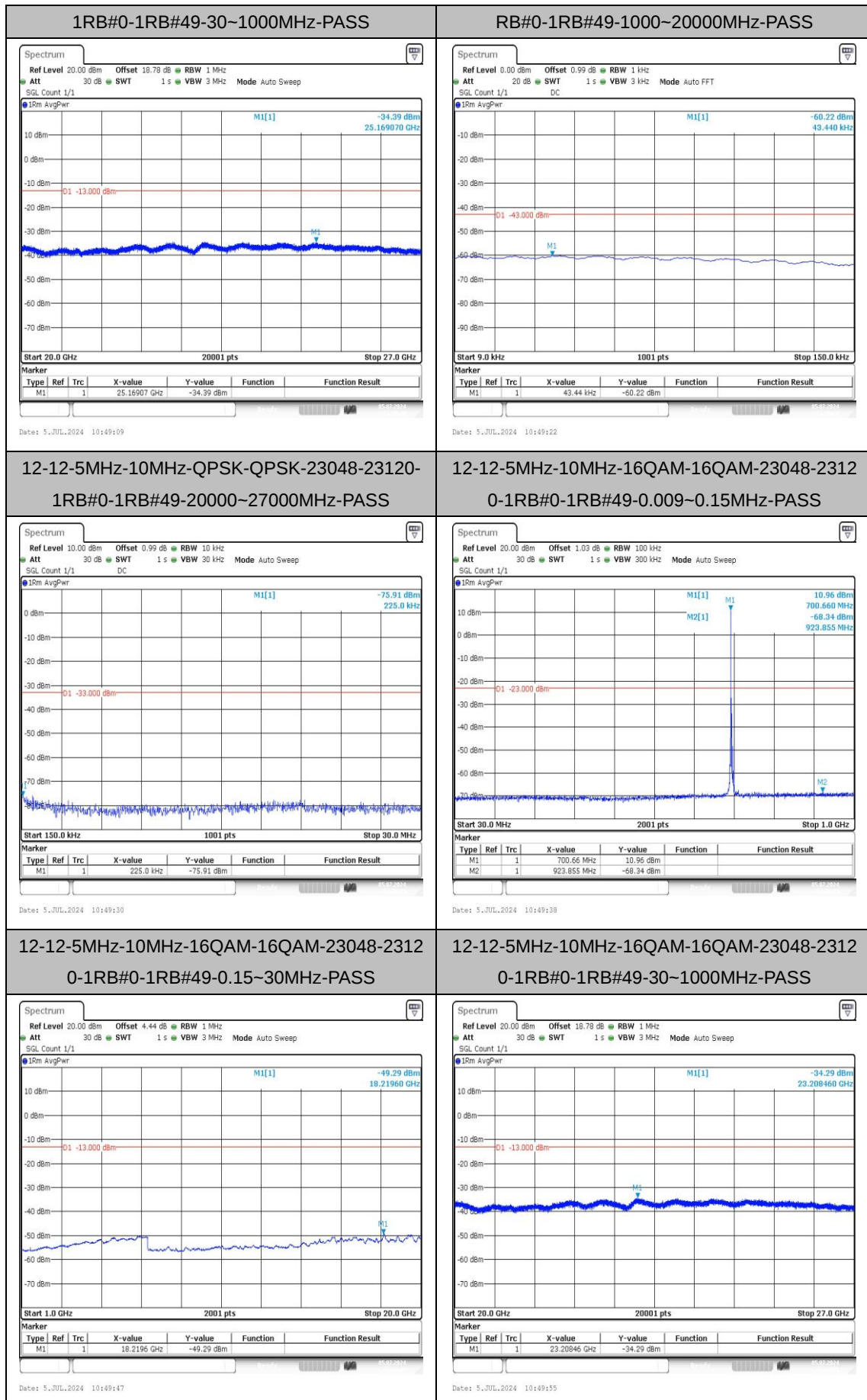
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-
1RB#0-1RB#49-0.009~0.15MHz-PASS

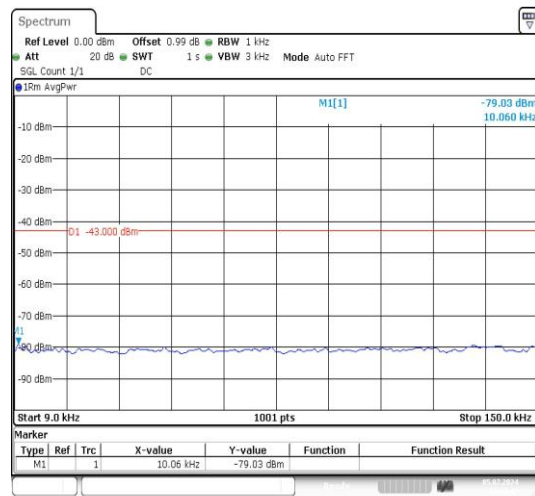
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-1
RB#0-1RB#49-0.15~30MHz-PASS



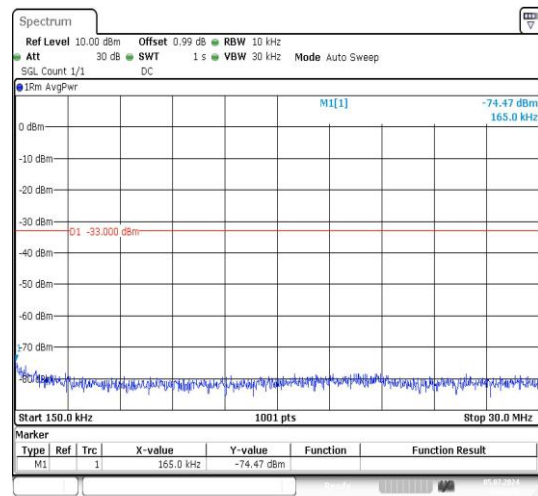
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-

12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-1

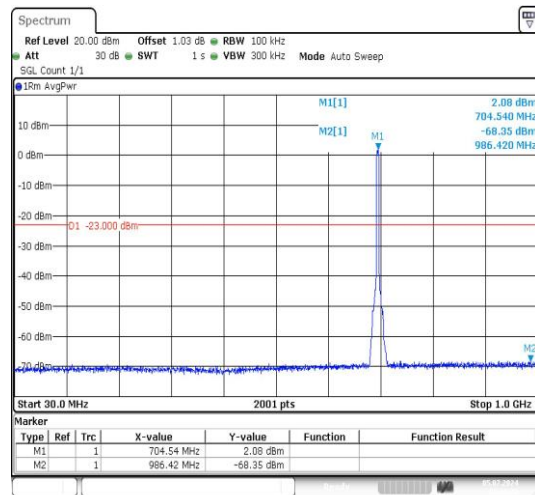


12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-1RB#0-1RB#49-1000~20000MHz-PASS

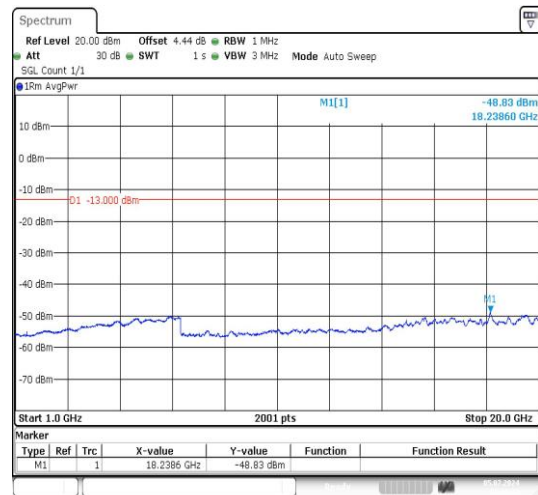
Date: 5.JUL.2024 10:50:12

12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
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Date: 5.JUL.2024 10:50:19

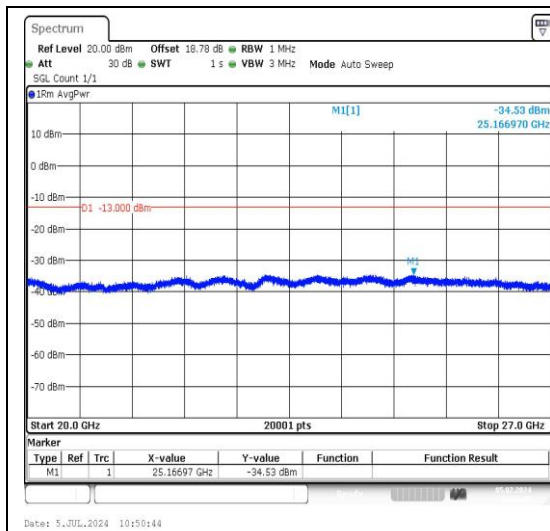
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-
25RB#0-50RB#0-0.009~0.15MHz-PASS

Date: 5.JUL.2024 10:50:28

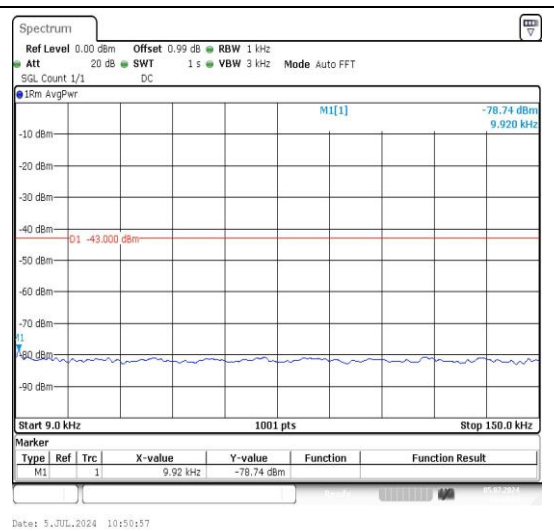
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-2
5RB#0-50RB#0-0.15~30MHz-PASS

Date: 5.JUL.2024 10:50:36

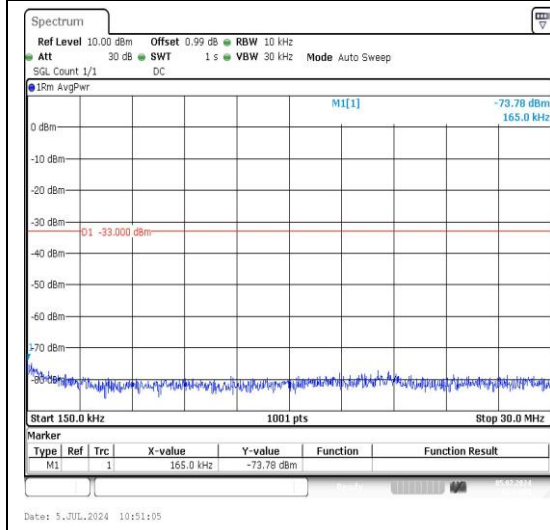
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-
25RB#0-50RB#0-30~1000MHz-PASS**12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-2**
5RB#0-50RB#0-1000~20000MHz-PASS



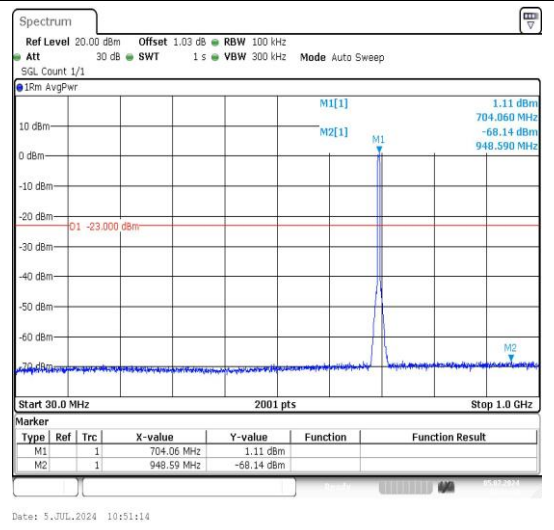
12-12-5MHz-10MHz-QPSK-QPSK-23048-23120-
25RB#0-50RB#0-20000~27000MHz-PASS



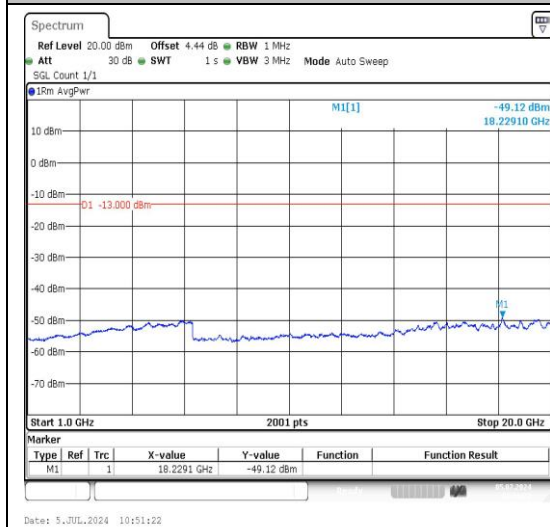
12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-25RB#0-50RB#0-0.009~0.15MHz-PASS



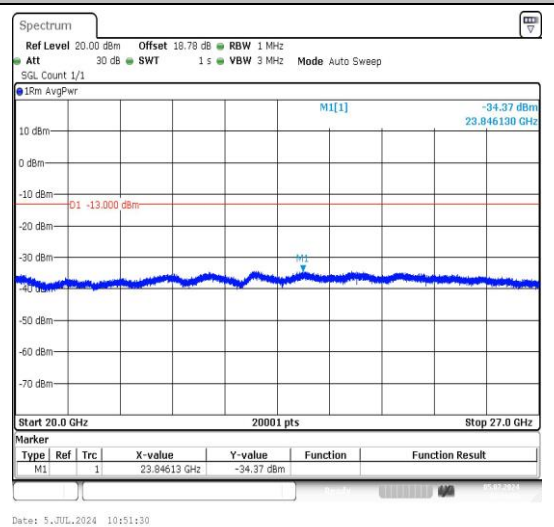
12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-25RB#0-50RB#0-0.15~30MHz-PASS



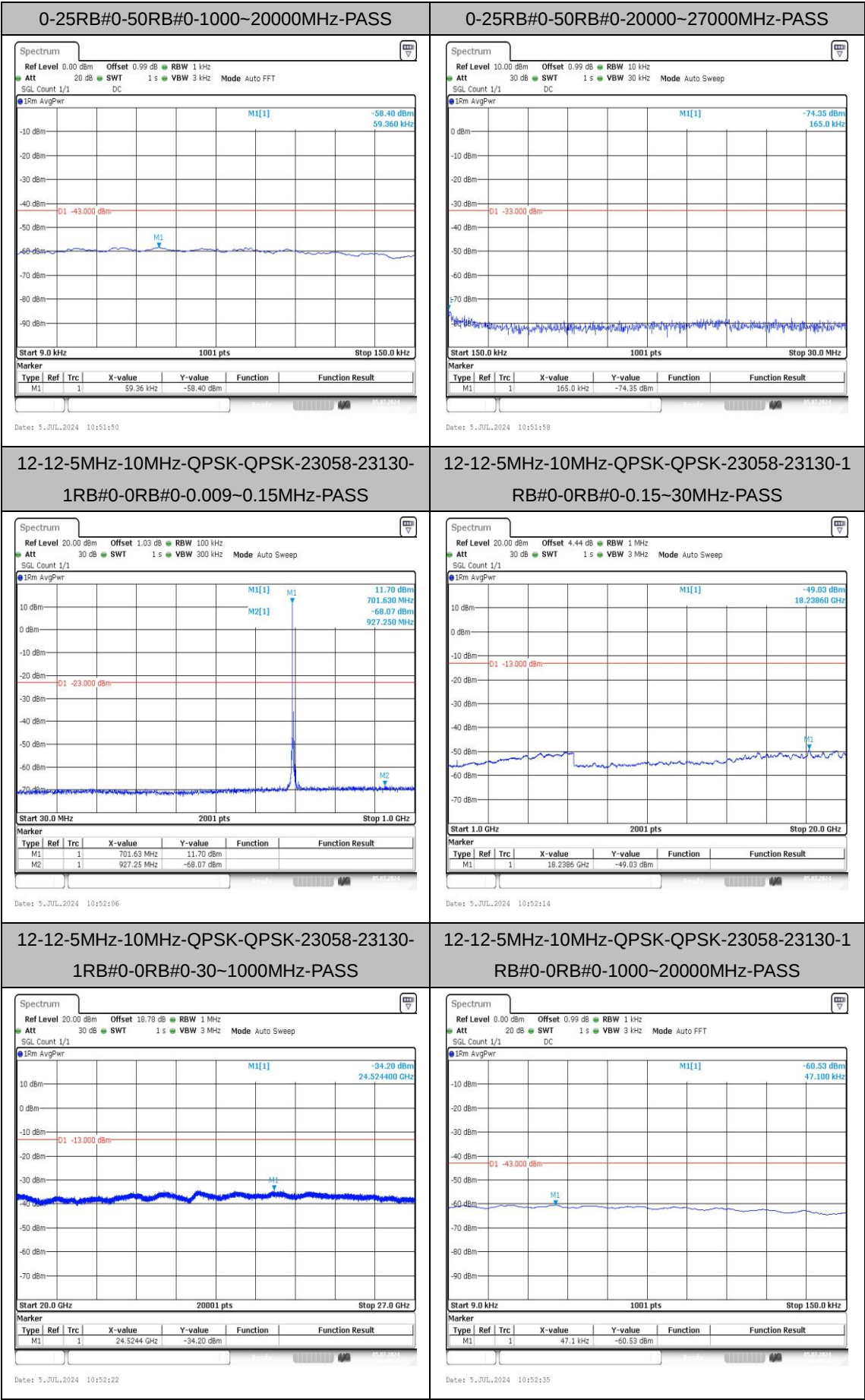
12-12-5MHz-10MHz-16QAM-16QAM-23048-2312
0-25RB#0-50RB#0-30~1000MHz-PASS

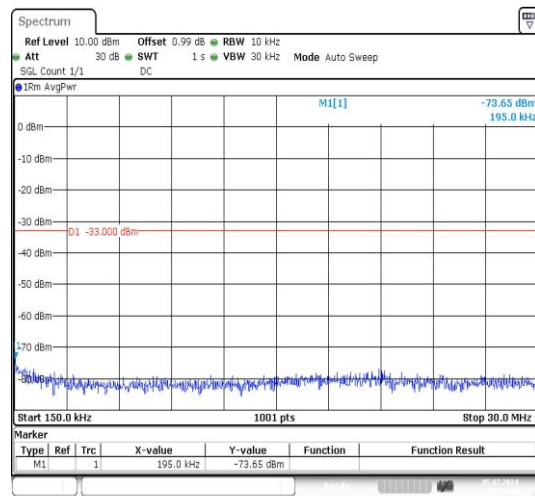
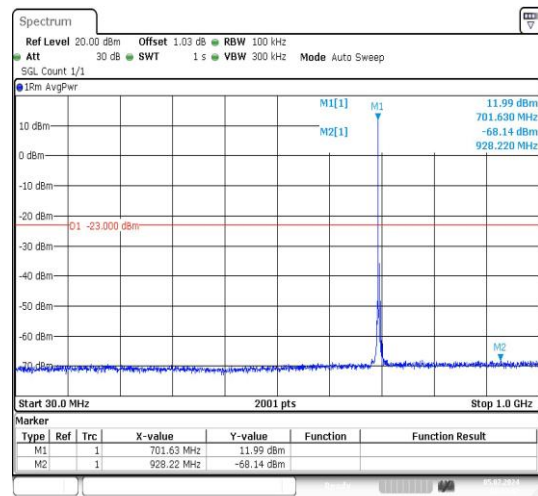
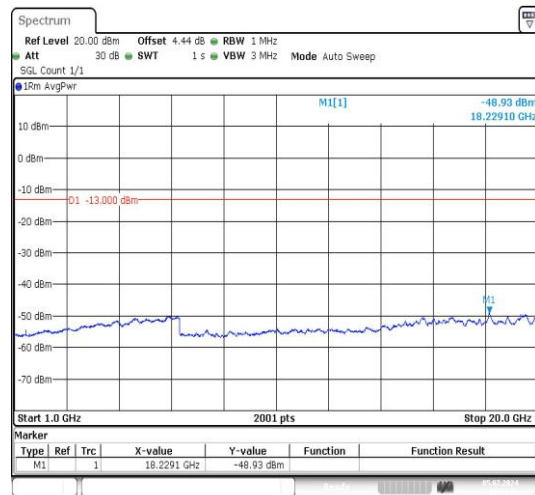
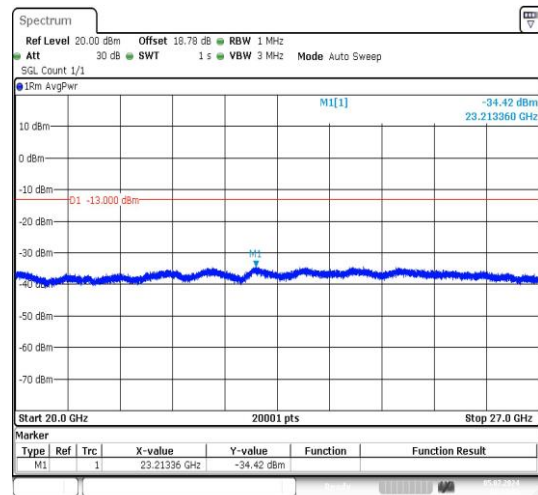


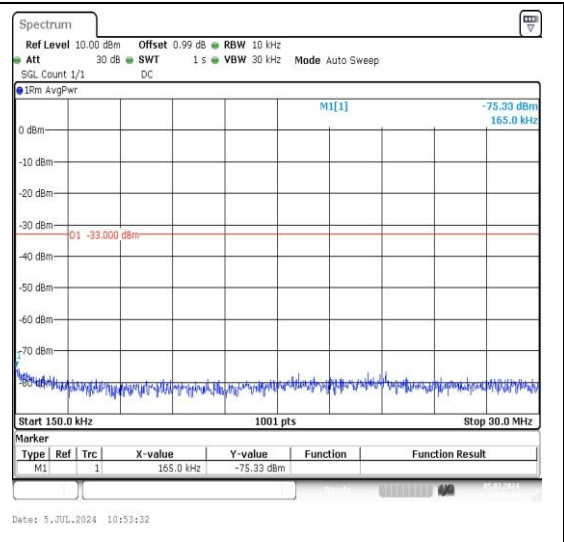
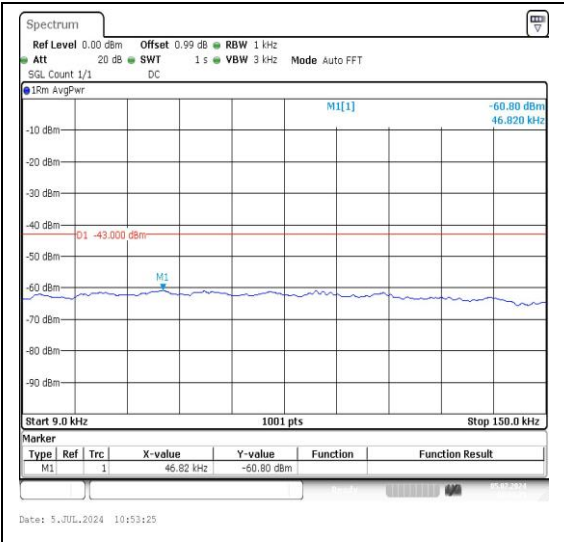
12-12-5MHz-10MHz-16QAM-16QAM-23048-2312



12-12-5MHz-10MHz-16QAM-16QAM-23048-2312

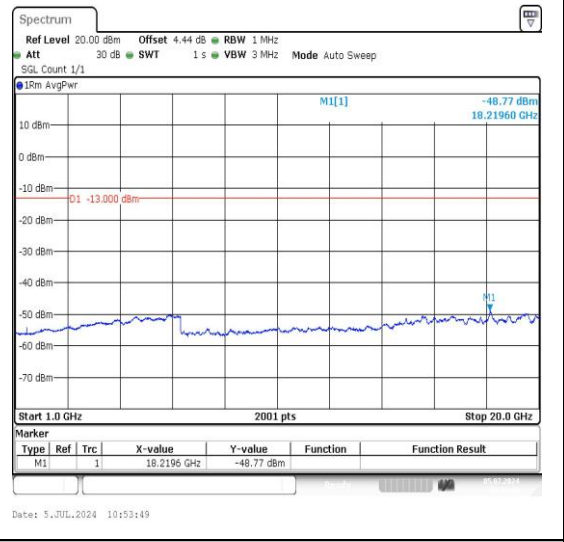
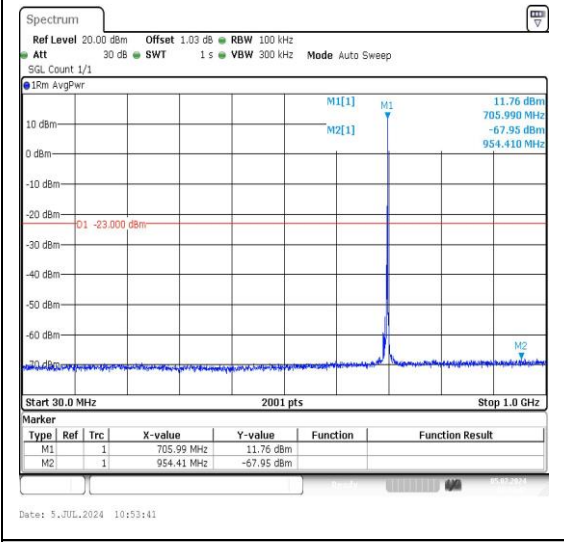


12-12-5MHz-10MHz-QPSK-QPSK-23058-23130-1RB#0-0RB#0-20000~27000MHz-PASS**12-12-5MHz-10MHz-16QAM-16QAM-23058-23130-1RB#0-0RB#0-0.009~0.15MHz-PASS****12-12-5MHz-10MHz-16QAM-16QAM-23058-23130-1RB#0-0RB#0-0.15~30MHz-PASS****12-12-5MHz-10MHz-16QAM-16QAM-23058-23130-1RB#0-0RB#0-30~1000MHz-PASS****12-12-5MHz-10MHz-16QAM-16QAM-23058-23130-1RB#0-0RB#0-1000~20000MHz-PASS****12-12-5MHz-10MHz-16QAM-16QAM-23058-23130-1RB#0-0RB#0-20000~27000MHz-PASS**



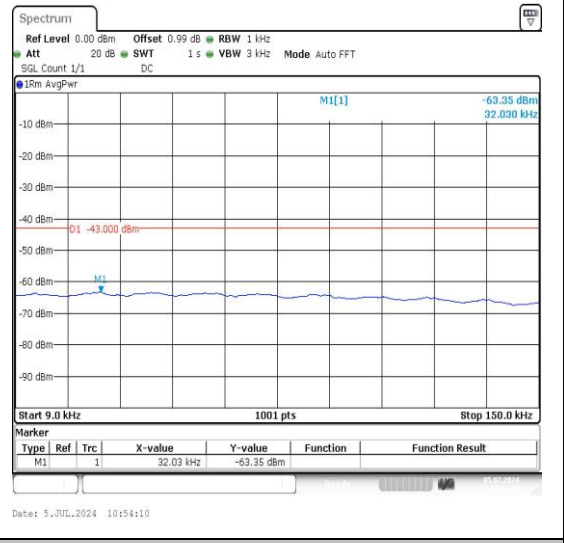
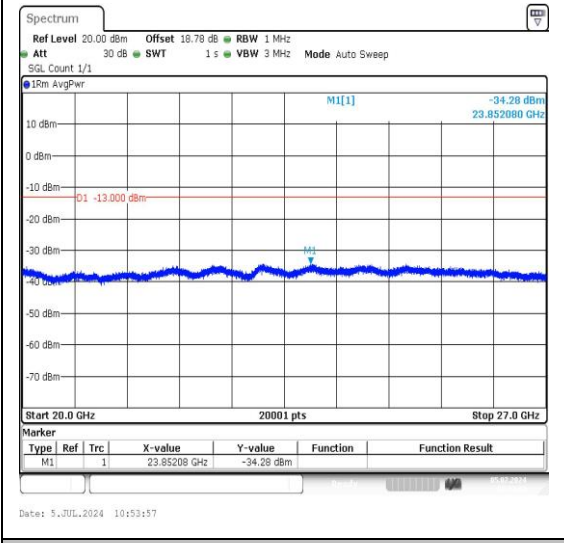
12-12-5MHz-10MHz-QPSK-QPSK-23058-23130-
1RB#24-ORB#0-0.009~0.15MHz-PASS

12-12-5MHz-10MHz-QPSK-QPSK-23058-23130-1
RB#24-ORB#0-0.15~30MHz-PASS



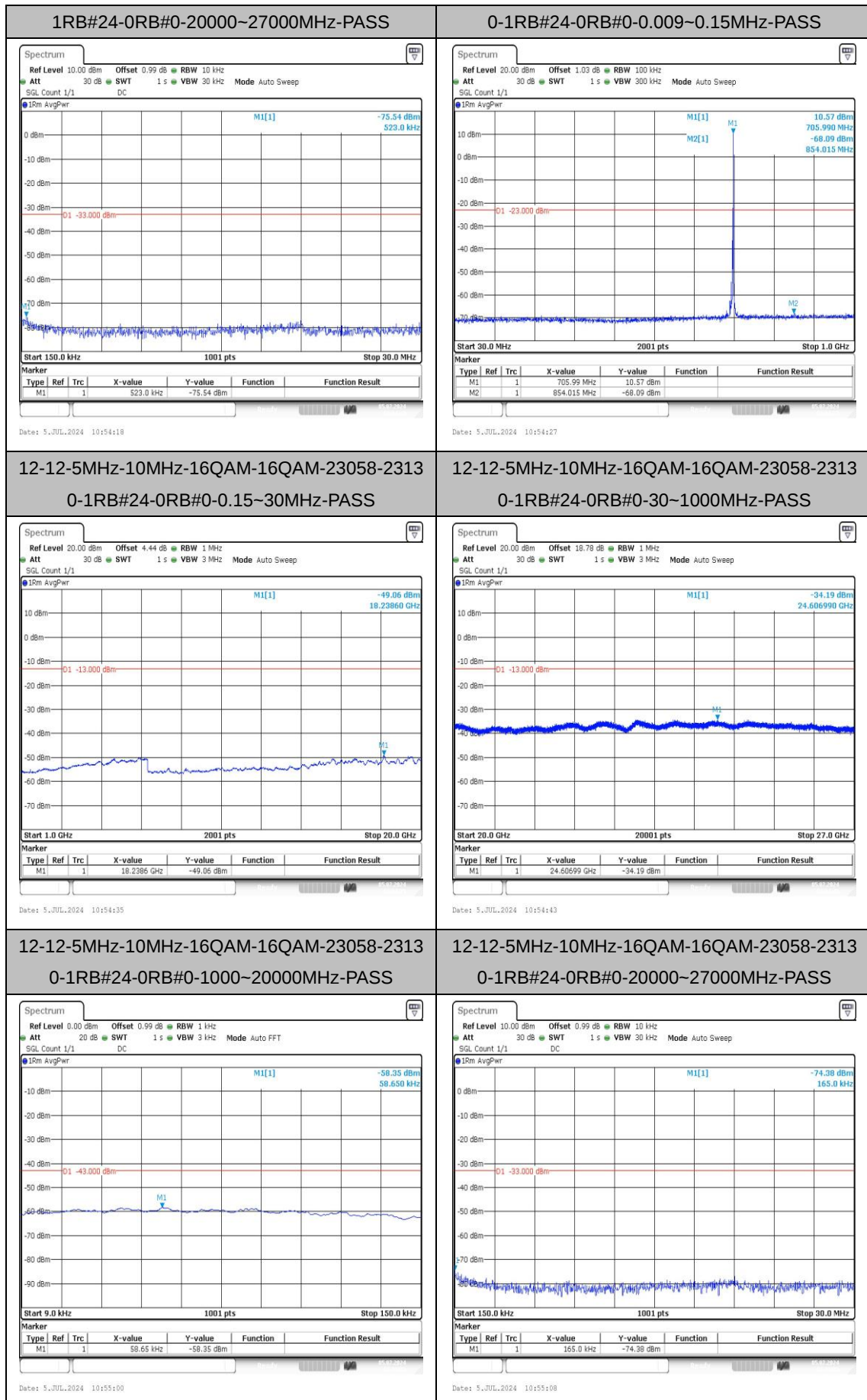
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1RB#24-ORB#0-30~1000MHz-PASS

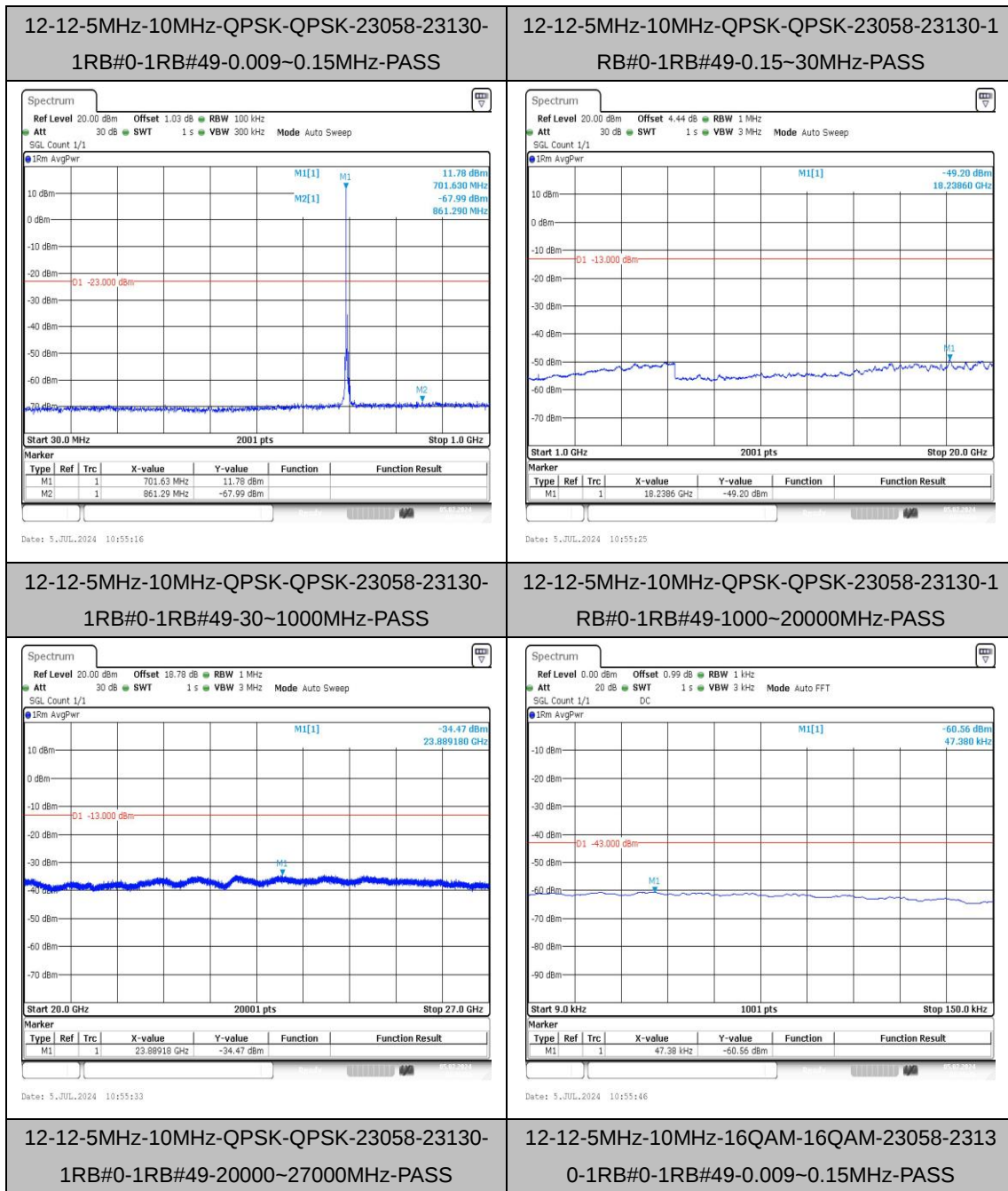
12-12-5MHz-10MHz-QPSK-QPSK-23058-23130-1
RB#24-ORB#0-1000~20000MHz-PASS

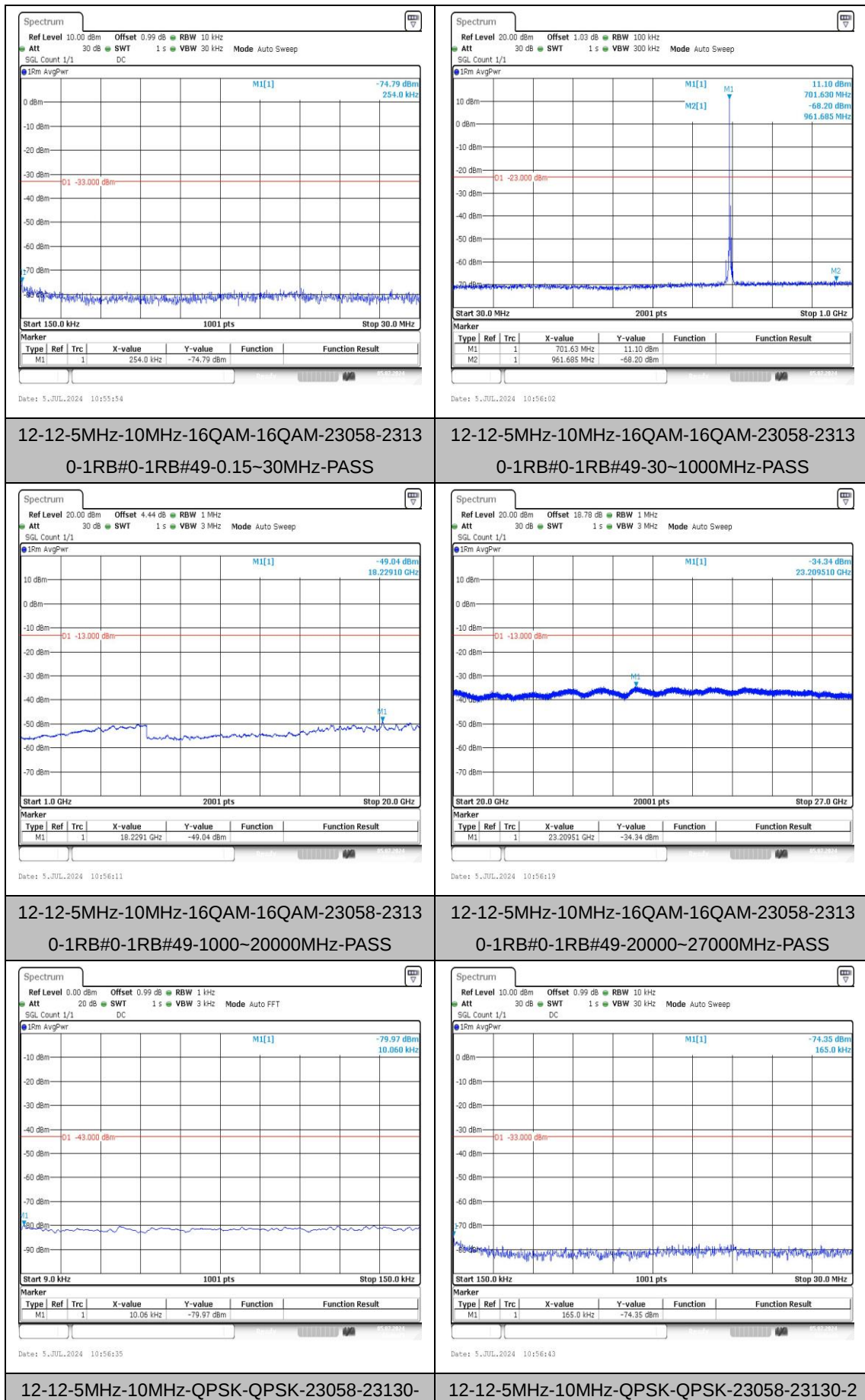


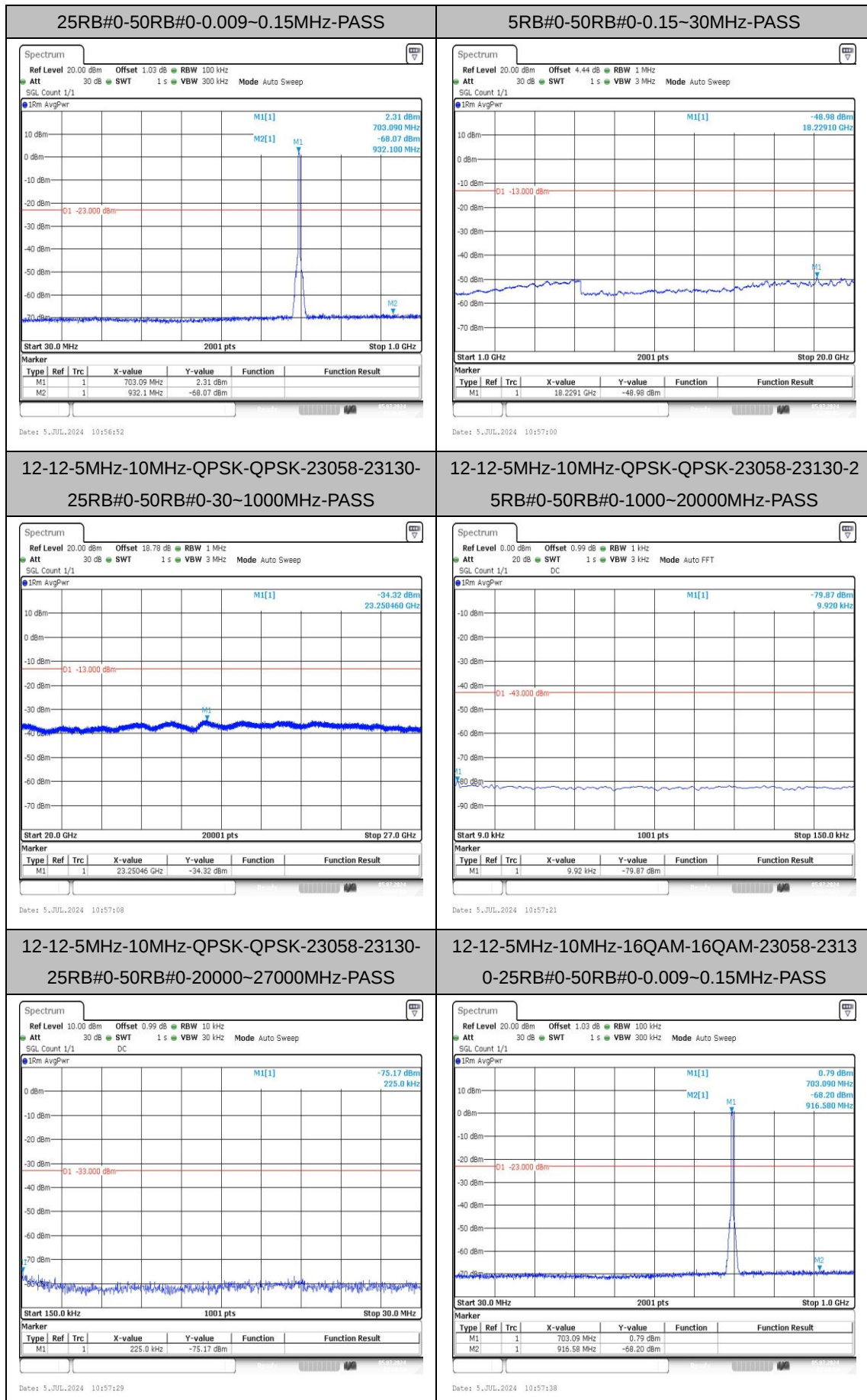
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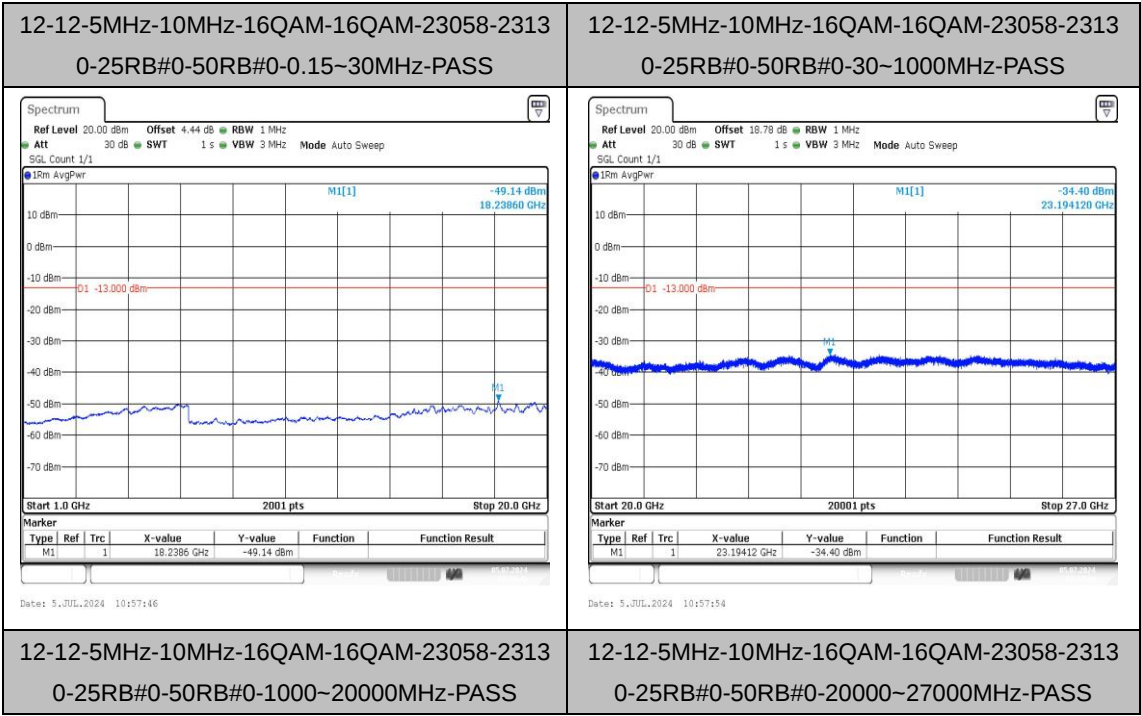
12-12-5MHz-10MHz-16QAM-16QAM-23058-2313











Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage					
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
12-12	5MHz-5 MHz	QPSK-Q PSK	23035-23083	25RB#0-2 5RB#0	VN	NT	-3.95	-0.005631	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035-23083	25RB#0-2 5RB#0	VL	NT	-3.48	-0.004961	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035-23083	25RB#0-2 5RB#0	VH	NT	-3.08	-0.004391	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23035-23083	25RB#0-2 5RB#0	VN	NT	-2.79	-0.003977	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23035-23083	25RB#0-2 5RB#0	VL	NT	-1.83	-0.002609	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23035-23083	25RB#0-2 5RB#0	VH	NT	-2.93	-0.004177	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071-23119	25RB#0-2 5RB#0	VN	NT	2.40	0.003404	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071-23119	25RB#0-2 5RB#0	VL	NT	2.13	0.003021	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071-23119	25RB#0-2 5RB#0	VH	NT	2.92	0.004141	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23071-23119	25RB#0-2 5RB#0	VN	NT	-1.52	-0.002156	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23071-23119	25RB#0-2 5RB#0	VL	NT	-1.47	-0.002085	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23071-23119	25RB#0-2 5RB#0	VH	NT	2.56	0.003631	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107-23155	25RB#0-2 5RB#0	VN	NT	1.73	0.002441	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107-23155	25RB#0-2 5RB#0	VL	NT	1.65	0.002328	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107-23155	25RB#0-2 5RB#0	VH	NT	2.68	0.003782	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23107-23155	25RB#0-2 5RB#0	VN	NT	-1.83	-0.002582	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23107-23155	25RB#0-2 5RB#0	VL	NT	-2.99	-0.004219	±2.5	PASS
12-12	5MHz-5 MHz	16QAM-16QAM	23107-23155	25RB#0-2 5RB#0	VH	NT	-1.85	-0.002610	±2.5	PASS

12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	VN	NT	-2.93	-0.004175	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	VL	NT	-2.75	-0.003918	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	VH	NT	-1.10	-0.001567	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	VN	NT	-1.69	-0.002408	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	VL	NT	-2.32	-0.003306	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	VH	NT	1.37	0.001952	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	VN	NT	3.08	0.004382	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	VL	NT	2.89	0.004112	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	VH	NT	3.60	0.005122	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	VN	NT	2.68	0.003813	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	VL	NT	3.75	0.005336	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	VH	NT	2.53	0.003600	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	VN	NT	-5.15	-0.007317	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	VL	NT	-1.85	-0.002629	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	VH	NT	-3.00	-0.004263	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	VN	NT	-2.72	-0.003865	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	VL	NT	-3.56	-0.005058	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	VH	NT	-1.46	-0.002074	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	-50	-3.85	-0.005488	±2.5	PASS

12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	-30	-3.22	-0.004590	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	-20	-3.35	-0.004775	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	-10	-2.36	-0.003364	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	0	-4.29	-0.006115	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	10	-3.40	-0.004847	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	20	-2.79	-0.003977	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23035- 23083	25RB#0-2 5RB#0	NV	30	-3.38	-0.004818	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	-50	-2.83	-0.004034	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	-30	-1.83	-0.002609	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	-20	-4.16	-0.005930	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	-10	-2.83	-0.004034	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	0	-1.36	-0.001939	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	10	-2.79	-0.003977	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	20	-2.42	-0.003450	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23035- 23083	25RB#0-2 5RB#0	NV	30	-3.35	-0.004775	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	-50	2.17	0.003078	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	-30	2.32	0.003290	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	-20	3.16	0.004482	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	-10	3.12	0.004425	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	0	1.39	0.001971	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	10	-1.99	-0.002822	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q	23071-	25RB#0-2	NV	20	1.85	0.002624	±2.5	PASS

	MHz	PSK	23119	5RB#0						
12-12	5MHz-5 MHz	QPSK-Q PSK	23071- 23119	25RB#0-2 5RB#0	NV	30	1.87	0.002652	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	-50	-2.03	-0.002879	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	-30	-3.06	-0.004340	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	-20	-1.69	-0.002397	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	-10	-1.19	-0.001688	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	0	-1.27	-0.001801	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	10	1.82	0.002581	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	20	2.22	0.003148	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23071- 23119	25RB#0-2 5RB#0	NV	30	-1.63	-0.002312	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	-50	2.82	0.003979	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	-30	-2.72	-0.003838	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	-20	-1.54	-0.002173	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	-10	2.46	0.003471	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	0	-3.10	-0.004374	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	10	-1.82	-0.002568	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	20	-2.07	-0.002921	±2.5	PASS
12-12	5MHz-5 MHz	QPSK-Q PSK	23107- 23155	25RB#0-2 5RB#0	NV	30	-3.56	-0.005023	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	-50	-2.86	-0.004036	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	-30	-1.30	-0.001834	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	-20	-1.92	-0.002709	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	-10	-1.82	-0.002568	±2.5	PASS

12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	0	-1.75	-0.002469	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	10	-2.37	-0.003344	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	20	-2.50	-0.003528	±2.5	PASS
12-12	5MHz-5 MHz	16QAM- 16QAM	23107- 23155	25RB#0-2 5RB#0	NV	30	-2.85	-0.004021	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	-50	-2.62	-0.003733	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	-30	-1.93	-0.002750	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	-20	2.27	0.003235	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	-10	-2.98	-0.004246	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	0	-2.98	-0.004246	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	10	-2.16	-0.003078	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	20	1.56	0.002223	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23038- 23110	25RB#0-5 0RB#0	NV	30	-1.65	-0.002351	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	-50	-2.46	-0.003505	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	-30	-1.40	-0.001995	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	-20	1.83	0.002608	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	-10	1.54	0.002194	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	0	2.73	0.003890	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	10	-2.50	-0.003562	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	20	-1.30	-0.001852	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23038- 23110	25RB#0-5 0RB#0	NV	30	1.69	0.002408	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	-50	3.16	0.004496	±2.5	PASS
12-12	5MHz-1	QPSK-Q	23048-	25RB#0-5	NV	-30	3.69	0.005250	±2.5	PASS

	0MHz	PSK	23120	0RB#0						
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	-20	5.35	0.007612	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	-10	4.33	0.006161	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	0	2.30	0.003273	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	10	-2.46	-0.003500	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	20	3.60	0.005122	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23048- 23120	25RB#0-5 0RB#0	NV	30	2.23	0.003173	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	-50	4.19	0.005962	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	-30	1.83	0.002604	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	-20	-1.06	-0.001508	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	-10	3.30	0.004696	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	0	3.25	0.004624	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	10	2.52	0.003586	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	20	2.56	0.003643	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23048- 23120	25RB#0-5 0RB#0	NV	30	2.52	0.003586	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	-50	-2.46	-0.003495	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	-30	-2.52	-0.003581	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	-20	-2.63	-0.003737	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	-10	-2.25	-0.003197	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	0	-2.86	-0.004064	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	10	-2.23	-0.003169	±2.5	PASS
12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	20	-2.59	-0.003680	±2.5	PASS

12-12	5MHz-1 0MHz	QPSK-Q PSK	23058- 23130	25RB#0-5 0RB#0	NV	30	-1.66	-0.002359	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	-50	-2.40	-0.003410	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	-30	-1.29	-0.001833	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	-20	-1.83	-0.002600	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	-10	1.92	0.002728	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	0	-1.92	-0.002728	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	10	-1.82	-0.002586	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	20	1.24	0.001762	±2.5	PASS
12-12	5MHz-1 0MHz	16QAM- 16QAM	23058- 23130	25RB#0-5 0RB#0	NV	30	-2.40	-0.003410	±2.5	PASS