

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain(dBi)	EIRP(dBm)	Limit(dBm)	Verdict
12-1 2	5MHz-5MHz	QPSK-QPSK	23035-23083	1RB#0-0RB#0	22.6	-0.5	19.95	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23035-23083	1RB#0-1RB#24	14.14	-0.5	11.49	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23035-23083	1RB#24-0RB#0	22.59	-0.5	19.94	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23035-23083	25RB#0-25RB#0	22.18	-0.5	19.53	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23071-23119	1RB#0-0RB#0	22.56	-0.5	19.91	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23071-23119	1RB#0-1RB#24	14.13	-0.5	11.48	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23071-23119	1RB#24-0RB#0	22.67	-0.5	20.02	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23071-23119	25RB#0-25RB#0	22.15	-0.5	19.5	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23107-23155	1RB#0-0RB#0	22.51	-0.5	19.86	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23107-23155	1RB#0-1RB#24	14.06	-0.5	11.41	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23107-23155	1RB#24-0RB#0	22.65	-0.5	20	34.8	PASS
12-1 2	5MHz-5MHz	QPSK-QPSK	23107-23155	25RB#0-25RB#0	22.16	-0.5	19.51	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23035-23083	1RB#0-0RB#0	21.2	-0.5	18.55	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23035-23083	1RB#0-1RB#24	14.15	-0.5	11.5	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23035-23083	1RB#24-0RB#0	21.24	-0.5	18.59	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23035-23083	25RB#0-25RB#0	21.2	-0.5	18.55	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23071-23119	1RB#0-0RB#0	21.14	-0.5	18.49	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23071-23119	1RB#0-1RB#24	14.02	-0.5	11.37	34.8	PASS

12-1 2	5MHz-5MHz	64QAM-64QAM	23071-2311 9	1RB#24-0RB# 0	21.28	-0.5	18.63	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23071-2311 9	25RB#0-25RB #0	21.19	-0.5	18.54	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23107-2315 5	1RB#0-0RB#0	21.23	-0.5	18.58	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23107-2315 5	1RB#0-1RB#2 4	13.91	-0.5	11.26	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23107-2315 5	1RB#24-0RB# 0	21.45	-0.5	18.8	34.8	PASS
12-1 2	5MHz-5MHz	64QAM-64QAM	23107-2315 5	25RB#0-25RB #0	21.21	-0.5	18.56	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23035-2308 3	1RB#0-0RB#0	15.72	-0.5	13.07	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23035-2308 3	1RB#0-1RB#2 4	14.24	-0.5	11.59	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23035-2308 3	1RB#24-0RB# 0	16.11	-0.5	13.46	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23035-2308 3	25RB#0-25RB #0	19.22	-0.5	16.57	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23071-2311 9	1RB#0-0RB#0	15.48	-0.5	12.83	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23071-2311 9	1RB#0-1RB#2 4	13.99	-0.5	11.34	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23071-2311 9	1RB#24-0RB# 0	16.05	-0.5	13.4	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23071-2311 9	25RB#0-25RB #0	19.22	-0.5	16.57	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23107-2315 5	1RB#0-0RB#0	15.57	-0.5	12.92	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23107-2315 5	1RB#0-1RB#2 4	13.95	-0.5	11.3	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23107-2315 5	1RB#24-0RB# 0	16.05	-0.5	13.4	34.8	PASS
12-1 2	5MHz-5MHz	256QAM-256QA M	23107-2315 5	25RB#0-25RB #0	19.18	-0.5	16.53	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23035-2308 3	1RB#0-0RB#0	22.33	-0.5	19.68	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23035-2308 3	1RB#0-1RB#2 4	14.35	-0.5	11.7	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23035-2308 3	1RB#24-0RB# 0	22.46	-0.5	19.81	34.8	PASS

12-1 2	5MHz-5MHz	16QAM-16QAM	23035-2308 3	25RB#0-25RB #0	21.24	-0.5	18.59	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23071-2311 9	1RB#0-0RB#0	22.44	-0.5	19.79	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23071-2311 9	1RB#0-1RB#2 4	14.25	-0.5	11.6	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23071-2311 9	1RB#24-0RB# 0	22.35	-0.5	19.7	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23071-2311 9	25RB#0-25RB #0	21.22	-0.5	18.57	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23107-2315 5	1RB#0-0RB#0	22.33	-0.5	19.68	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23107-2315 5	1RB#0-1RB#2 4	14.14	-0.5	11.49	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23107-2315 5	1RB#24-0RB# 0	22.31	-0.5	19.66	34.8	PASS
12-1 2	5MHz-5MHz	16QAM-16QAM	23107-2315 5	25RB#0-25RB #0	21.19	-0.5	18.54	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23038-2311 0	1RB#0-0RB#0	22.51	-0.5	19.86	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23038-2311 0	1RB#0-1RB#4 9	14.08	-0.5	11.43	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23038-2311 0	1RB#24-0RB# 0	22.55	-0.5	19.9	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23038-2311 0	25RB#0-50RB #0	22.21	-0.5	19.56	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23048-2312 0	1RB#0-0RB#0	22.51	-0.5	19.86	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23048-2312 0	1RB#0-1RB#4 9	14.02	-0.5	11.37	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23048-2312 0	1RB#24-0RB# 0	22.7	-0.5	20.05	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23048-2312 0	25RB#0-50RB #0	22.19	-0.5	19.54	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23058-2313 0	1RB#0-0RB#0	22.51	-0.5	19.86	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23058-2313 0	1RB#0-1RB#4 9	14.08	-0.5	11.43	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23058-2313 0	1RB#24-0RB# 0	22.54	-0.5	19.89	34.8	PASS
12-1 2	5MHz-10M Hz	QPSK-QPSK	23058-2313 0	25RB#0-50RB #0	22.11	-0.5	19.46	34.8	PASS

12-1 2	5MHz-10M Hz	64QAM-64QAM	23038-2311 0	1RB#0-0RB#0	21.11	-0.5	18.46	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23038-2311 0	1RB#0-1RB#4 9	14.12	-0.5	11.47	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23038-2311 0	1RB#24-0RB# 0	21.21	-0.5	18.56	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23038-2311 0	25RB#0-50RB #0	21.22	-0.5	18.57	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23048-2312 0	1RB#0-0RB#0	21.21	-0.5	18.56	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23048-2312 0	1RB#0-1RB#4 9	14.15	-0.5	11.5	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23048-2312 0	1RB#24-0RB# 0	21.22	-0.5	18.57	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23048-2312 0	25RB#0-50RB #0	21.23	-0.5	18.58	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23058-2313 0	1RB#0-0RB#0	21.15	-0.5	18.5	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23058-2313 0	1RB#0-1RB#4 9	14.12	-0.5	11.47	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23058-2313 0	1RB#24-0RB# 0	21.37	-0.5	18.72	34.8	PASS
12-1 2	5MHz-10M Hz	64QAM-64QAM	23058-2313 0	25RB#0-50RB #0	21.18	-0.5	18.53	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23038-2311 0	1RB#0-0RB#0	15.66	-0.5	13.01	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23038-2311 0	1RB#0-1RB#4 9	14.22	-0.5	11.57	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23038-2311 0	1RB#24-0RB# 0	15.85	-0.5	13.2	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23038-2311 0	25RB#0-50RB #0	19.19	-0.5	16.54	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23048-2312 0	1RB#0-0RB#0	15.58	-0.5	12.93	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23048-2312 0	1RB#0-1RB#4 9	13.8	-0.5	11.15	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23048-2312 0	1RB#24-0RB# 0	16.02	-0.5	13.37	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23048-2312 0	25RB#0-50RB #0	19.19	-0.5	16.54	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23058-2313 0	1RB#0-0RB#0	15.58	-0.5	12.93	34.8	PASS

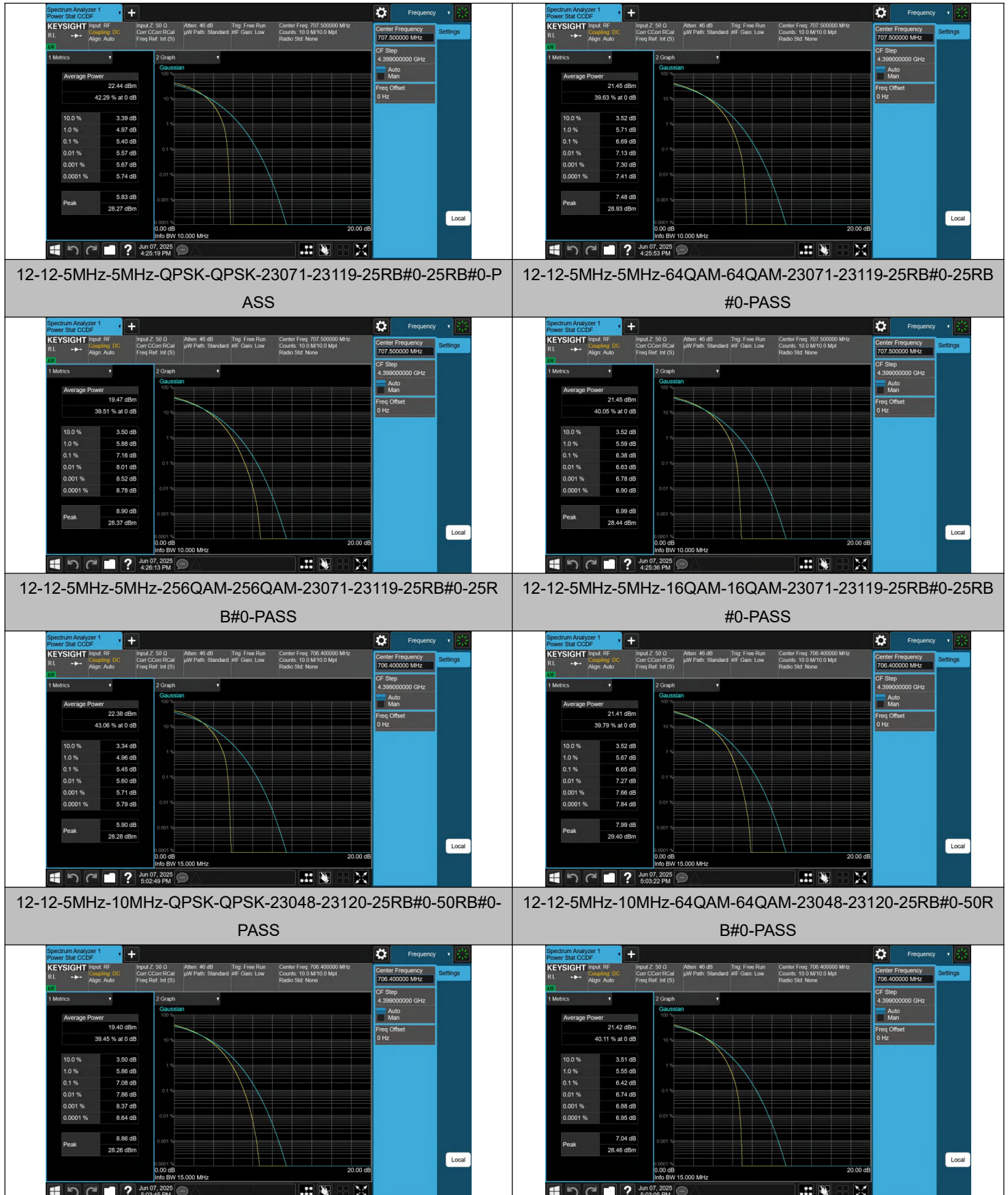
12-1 2	5MHz-10M Hz	256QAM-256QA M	23058-2313 0	1RB#0-1RB#4 9	13.99	-0.5	11.34	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23058-2313 0	1RB#24-0RB# 0	15.99	-0.5	13.34	34.8	PASS
12-1 2	5MHz-10M Hz	256QAM-256QA M	23058-2313 0	25RB#0-50RB #0	19.16	-0.5	16.51	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23038-2311 0	1RB#0-0RB#0	22.34	-0.5	19.69	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23038-2311 0	1RB#0-1RB#4 9	14.24	-0.5	11.59	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23038-2311 0	1RB#24-0RB# 0	22.28	-0.5	19.63	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23038-2311 0	25RB#0-50RB #0	21.21	-0.5	18.56	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23048-2312 0	1RB#0-0RB#0	22.27	-0.5	19.62	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23048-2312 0	1RB#0-1RB#4 9	14.26	-0.5	11.61	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23048-2312 0	1RB#24-0RB# 0	22.38	-0.5	19.73	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23048-2312 0	25RB#0-50RB #0	21.28	-0.5	18.63	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23058-2313 0	1RB#0-0RB#0	22.23	-0.5	19.58	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23058-2313 0	1RB#0-1RB#4 9	14.11	-0.5	11.46	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23058-2313 0	1RB#24-0RB# 0	22.3	-0.5	19.65	34.8	PASS
12-1 2	5MHz-10M Hz	16QAM-16QAM	23058-2313 0	25RB#0-50RB #0	21.13	-0.5	18.48	34.8	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
12-12	5MHz-5MHz	QPSK-QPSK	23071-23119	25RB#0-25RB#0	5.40	13	PASS
12-12	5MHz-5MHz	64QAM-64QAM	23071-23119	25RB#0-25RB#0	6.69	13	PASS
12-12	5MHz-5MHz	256QAM-256QAM	23071-23119	25RB#0-25RB#0	7.16	13	PASS
12-12	5MHz-5MHz	16QAM-16QAM	23071-23119	25RB#0-25RB#0	6.38	13	PASS
12-12	5MHz-10MHz	QPSK-QPSK	23048-23120	25RB#0-50RB#0	5.45	13	PASS
12-12	5MHz-10MHz	64QAM-64QAM	23048-23120	25RB#0-50RB#0	6.65	13	PASS
12-12	5MHz-10MHz	256QAM-256QAM	23048-23120	25RB#0-50RB#0	7.08	13	PASS
12-12	5MHz-10MHz	16QAM-16QAM	23048-23120	25RB#0-50RB#0	6.42	13	PASS

Test Graphs





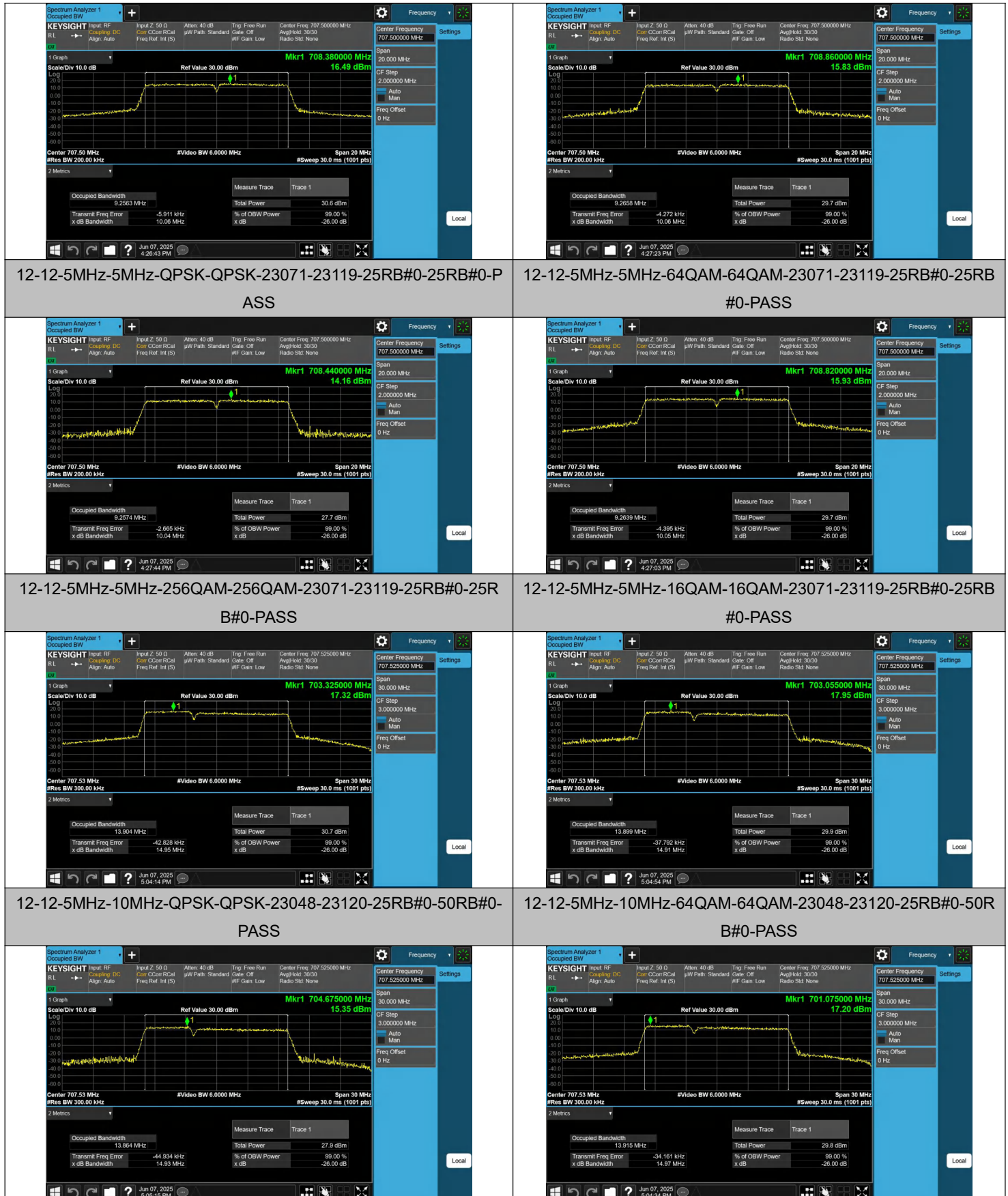
12-12-5MHz-10MHz-256QAM-256QAM-23048-23120-25RB#0-50 RB#0-PASS	12-12-5MHz-10MHz-16QAM-16QAM-23048-23120-25RB#0-50R B#0-PASS
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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
12-12	5MHz-5MHz	QPSK-QPSK	23071-23119	25RB#0-25RB#0	9.2563	10.06	PASS
12-12	5MHz-5MHz	64QAM-64QAM	23071-23119	25RB#0-25RB#0	9.2658	10.06	PASS
12-12	5MHz-5MHz	256QAM-256QAM	23071-23119	25RB#0-25RB#0	9.2574	10.04	PASS
12-12	5MHz-5MHz	16QAM-16QAM	23071-23119	25RB#0-25RB#0	9.2639	10.05	PASS
12-12	5MHz-10MHz	QPSK-QPSK	23048-23120	25RB#0-50RB#0	13.904	14.95	PASS
12-12	5MHz-10MHz	64QAM-64QAM	23048-23120	25RB#0-50RB#0	13.899	14.91	PASS
12-12	5MHz-10MHz	256QAM-256QAM	23048-23120	25RB#0-50RB#0	13.864	14.93	PASS
12-12	5MHz-10MHz	16QAM-16QAM	23048-23120	25RB#0-50RB#0	13.915	14.97	PASS

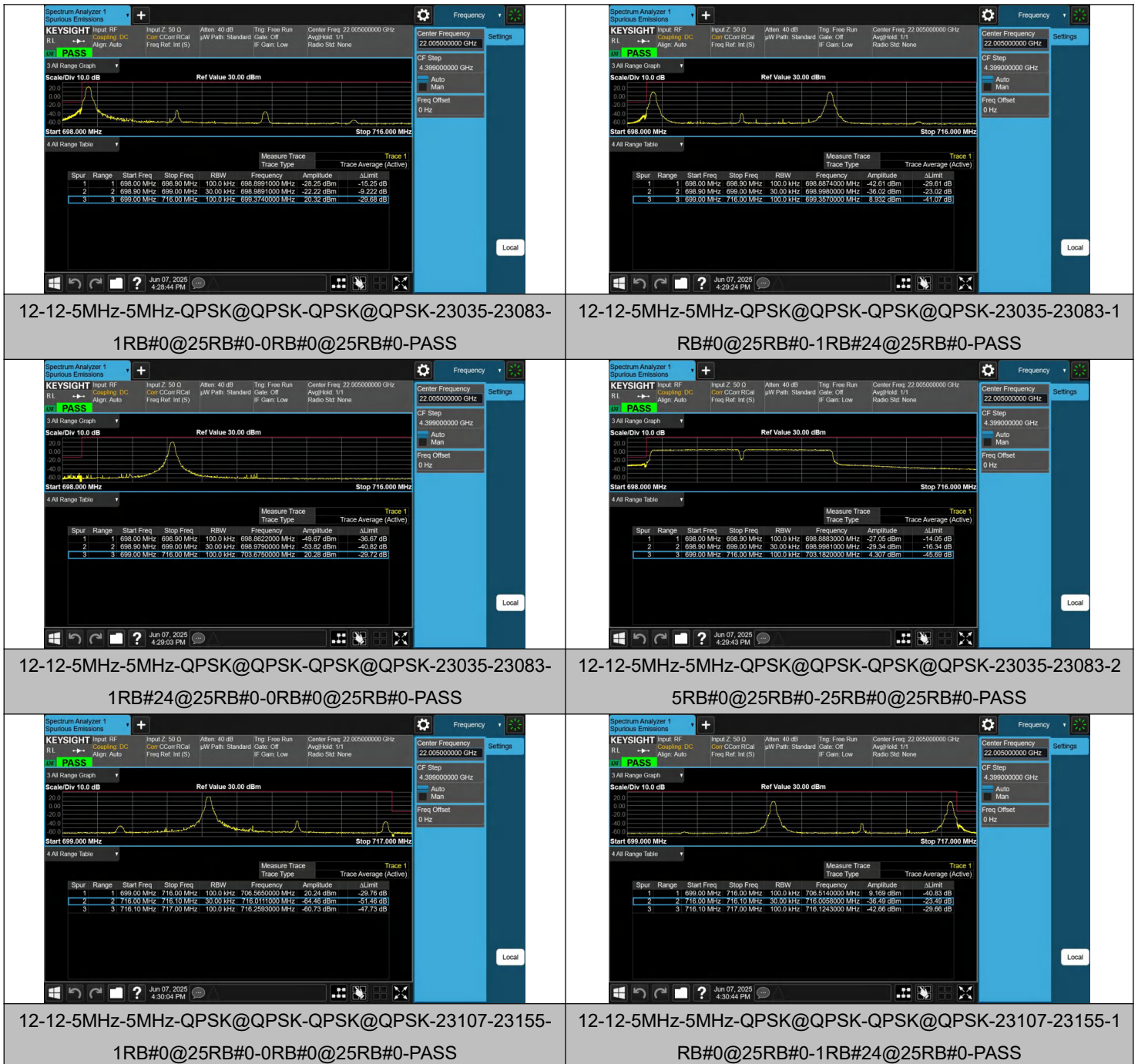
Test Graphs

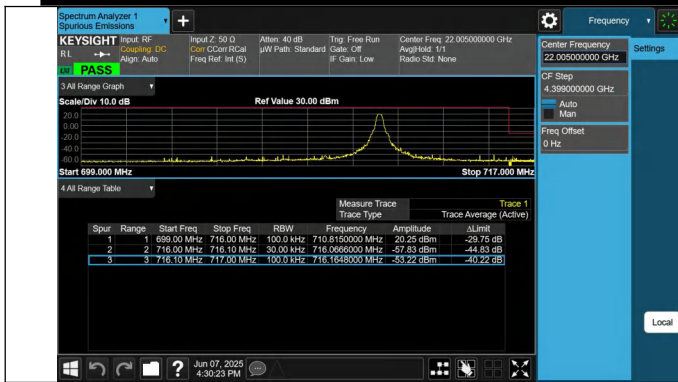


12-12-5MHz-10MHz-256QAM-256QAM-23048-23120-25RB#0-50 RB#0-PASS	12-12-5MHz-10MHz-16QAM-16QAM-23048-23120-25RB#0-50R B#0-PASS
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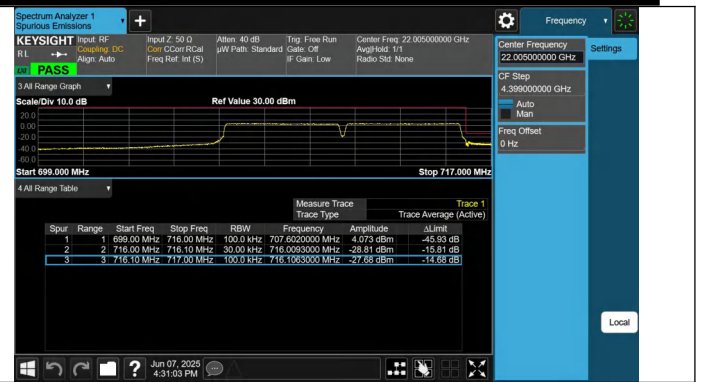
Band Edge

Test Graphs

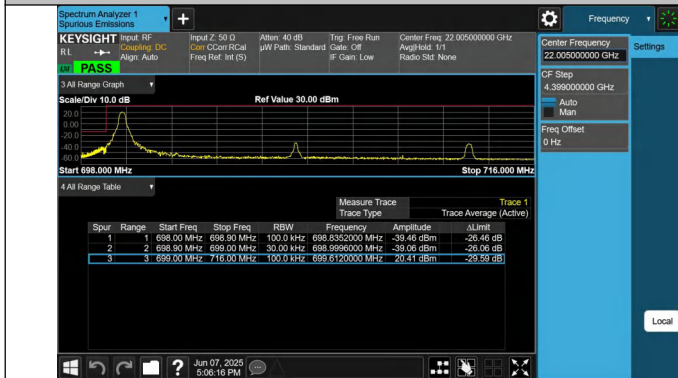




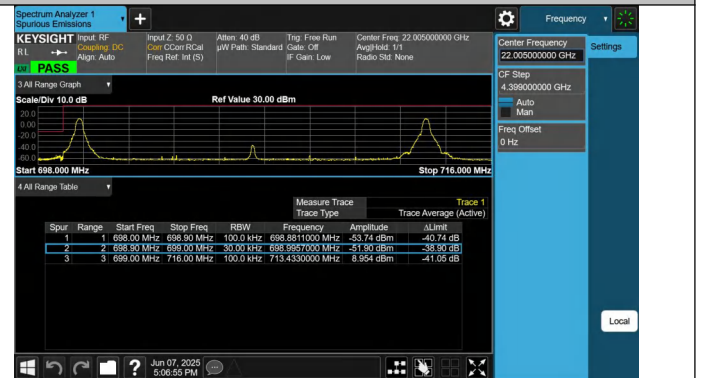
12-12-5MHz-5MHz-QPSK@QPSK-QPSK@QPSK-23107-23155-1RB#24@25RB#0-0RB#0@25RB#0-PASS



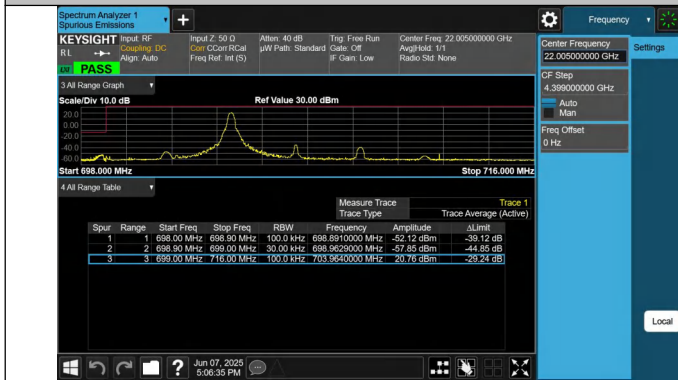
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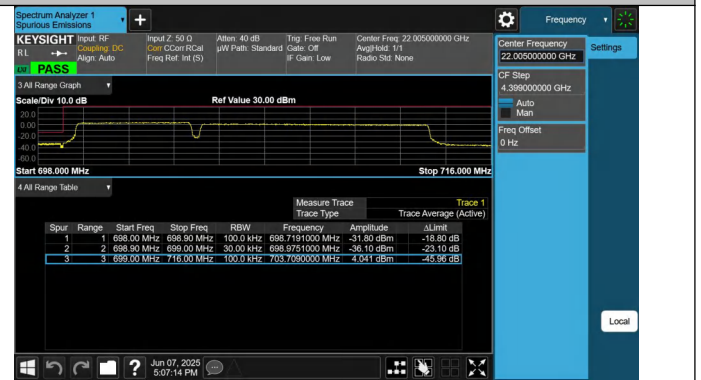
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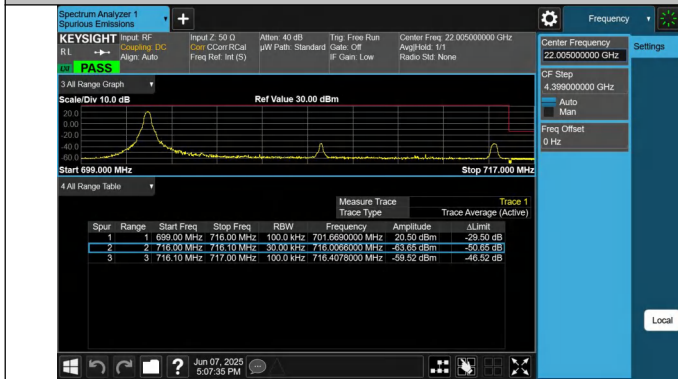
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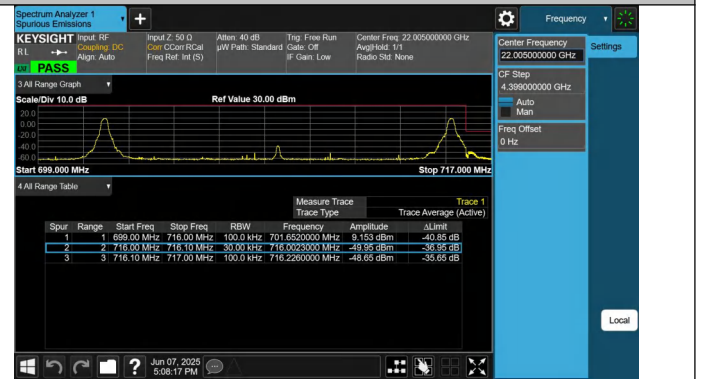
12-12-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-23038-23110-1RB#24@25RB#0-0RB#0@50RB#0-PASS



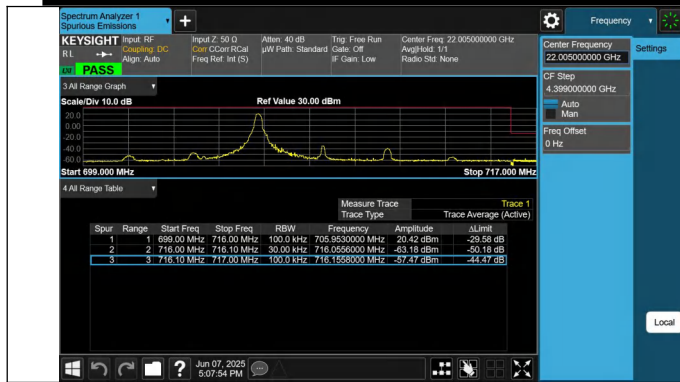
12-12-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-23038-23110-25RB#0@25RB#0-50RB#0@50RB#0-PASS



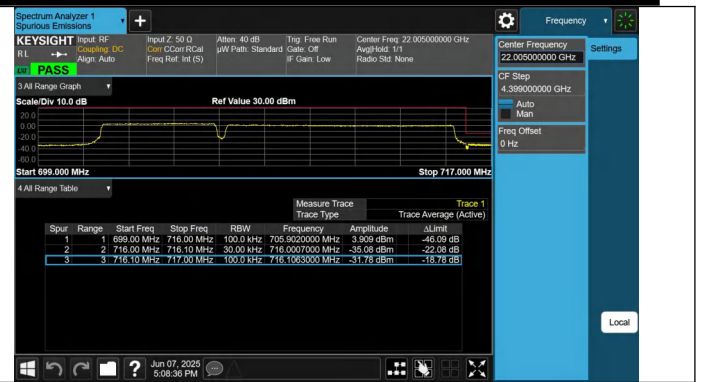
12-12-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-23058-23130-1RB#0@25RB#0-0RB#0@50RB#0-PASS



12-12-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-23058-23130-1RB#0@25RB#0-1RB#49@50RB#0-PASS



12-12-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-23058-23130
-1RB#24@25RB#0-0RB#0@50RB#0-PASS



12-12-5MHz-10MHz-QPSK@QPSK-QPSK@QPSK-23058-23130-
25RB#0@25RB#0-50RB#0@50RB#0-PASS

Conducted Spurious Emission

Test Graphs

