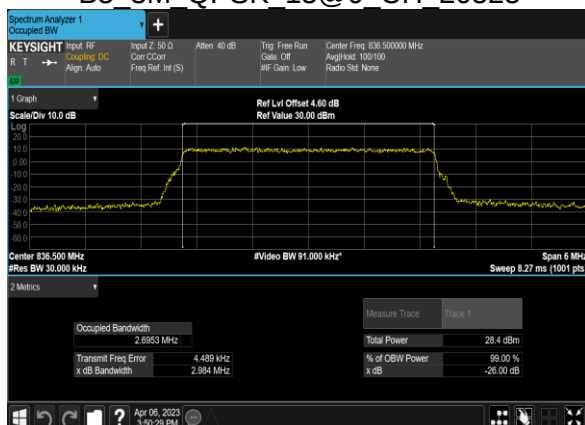


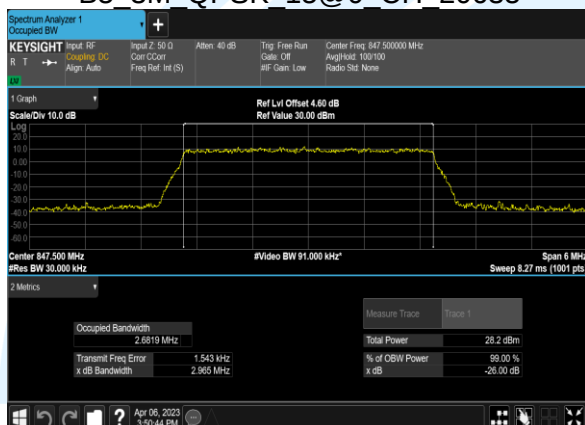
B5 3M QPSK 15@0 CH 20525



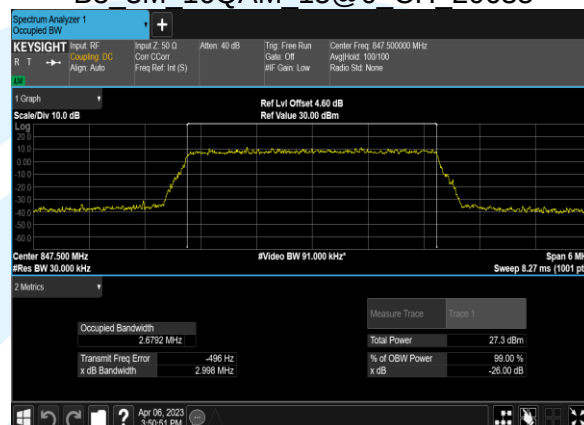
B5 3M 16QAM 15@0 CH 20525



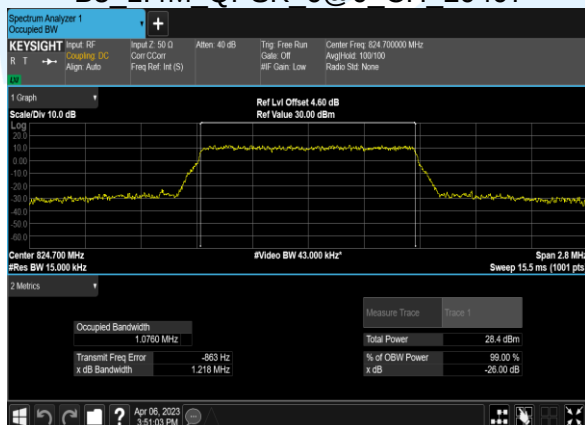
B5 3M QPSK 15@0 CH 20635



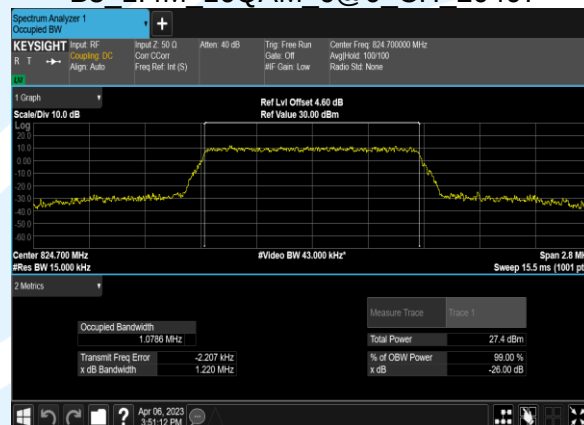
B5 3M 16QAM 15@0 CH 20635



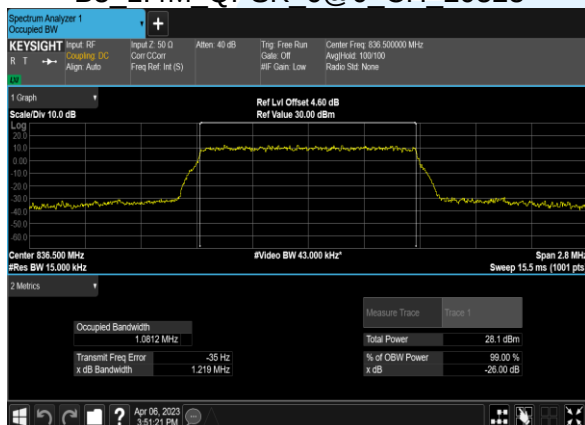
B5 1.4M QPSK 6@0 CH 20407



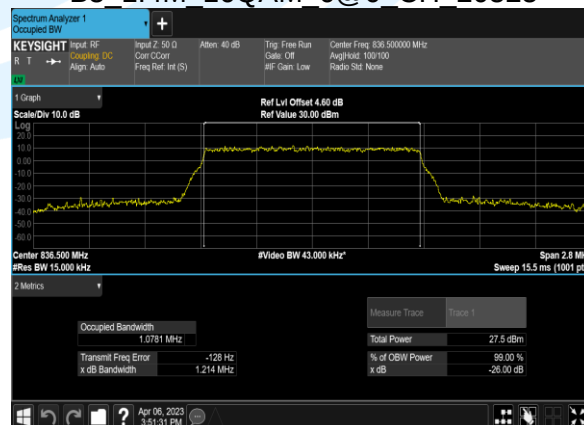
B5 1.4M 16QAM 6@0 CH 20407



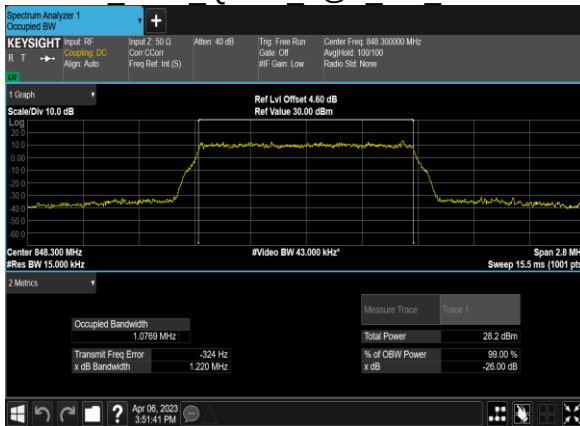
B5 1.4M QPSK 6@0 CH 20525



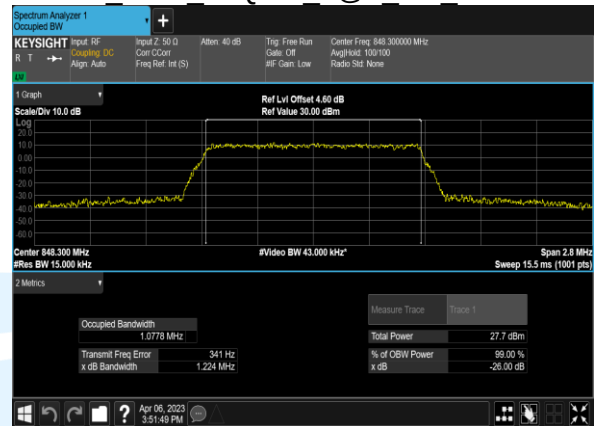
B5 1.4M 16QAM 6@0 CH 20525



B5 1.4M QPSK 6@0 CH 20643



B5 1.4M 16QAM 6@0 CH 20643



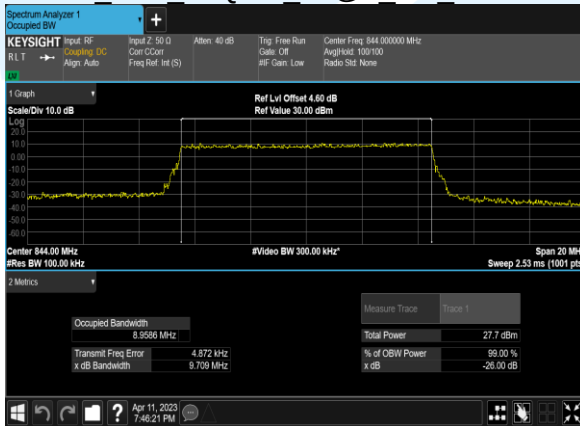
B5 10M 64QAM 50@0 CH 20450



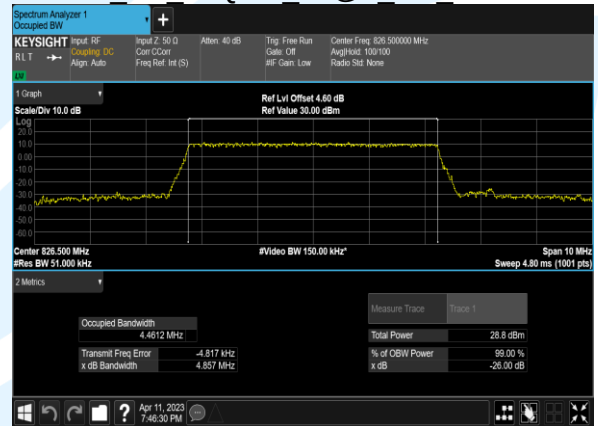
B5 10M 64QAM 50@0 CH 20525



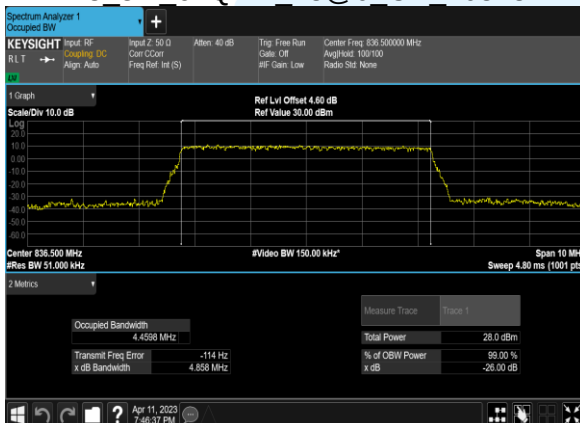
B5 10M 64QAM 50@0 CH 20600



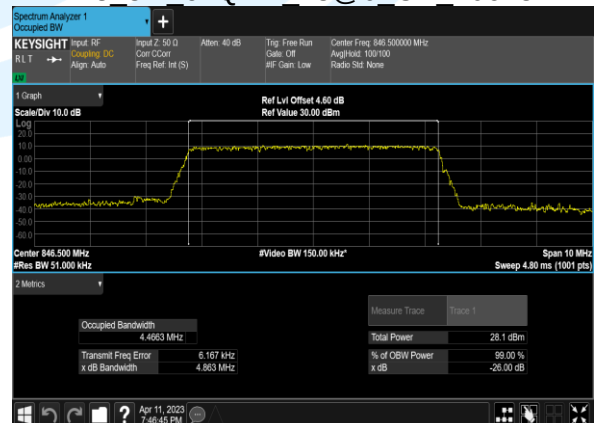
B5 5M 64QAM 25@0 CH 20425



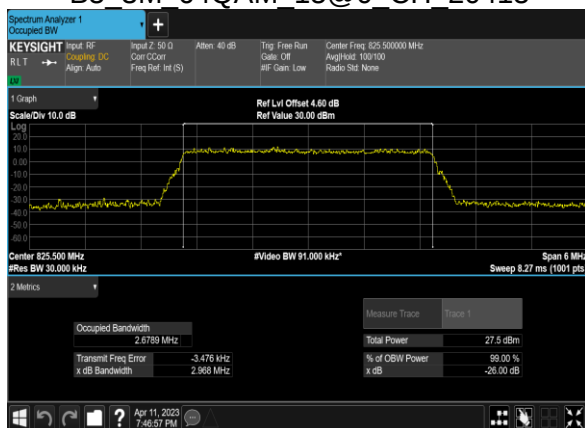
B5 5M 64QAM 25@0 CH 20525



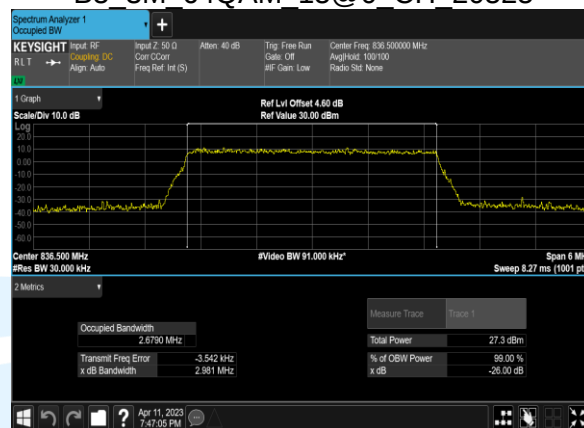
B5 5M 64QAM 25@0 CH 20625



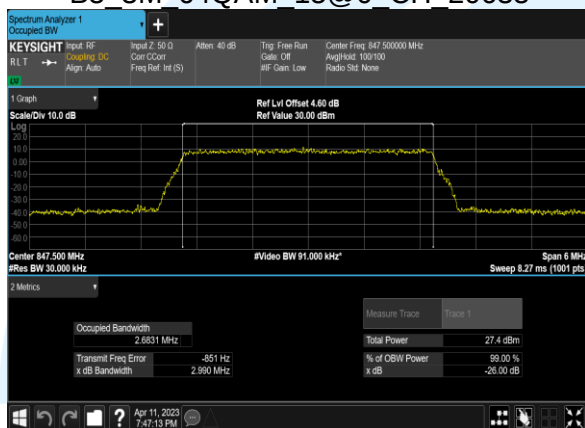
B5 3M 64QAM 15@0 CH 20415



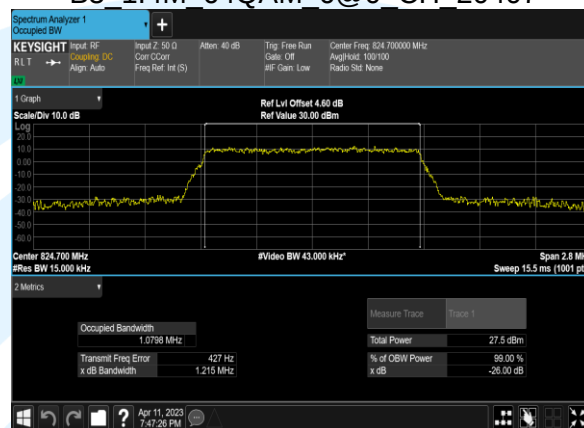
B5 3M 64QAM 15@0 CH 20525



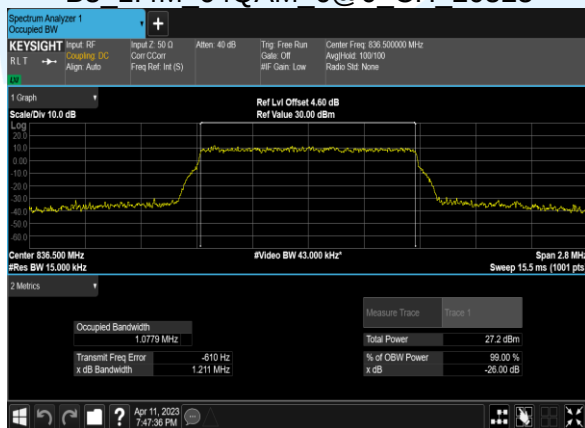
B5 3M 64QAM 15@0 CH 20635



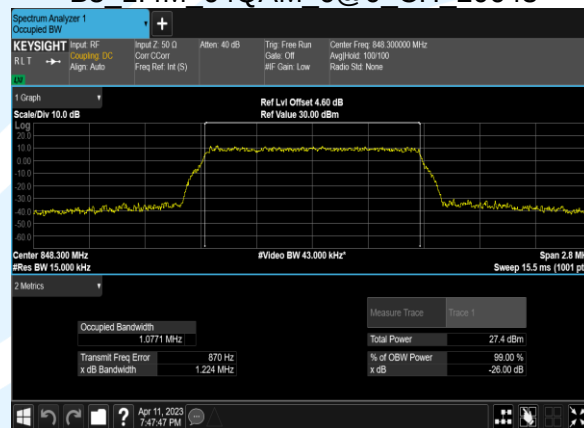
B5 1.4M 64QAM 6@0 CH 20407



B5 1.4M 64QAM 6@0 CH 20525



B5 1.4M 64QAM 6@0 CH 20643

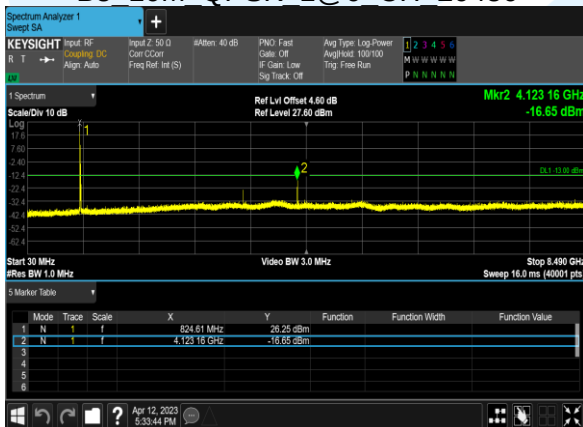


Conducted Spurious Emissions

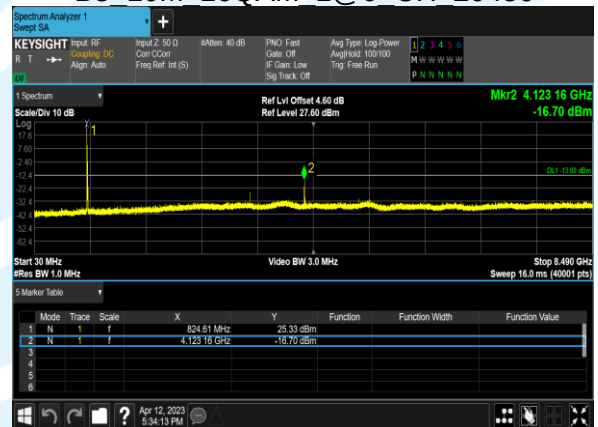
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
5	10.0	20450	829.0	QPSK	1@0	-16.65	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	-16.7	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	-15.4	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	-16.54	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	-19.67	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	-19.13	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	-16.19	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	-16.31	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	-17.67	-13	PASS
5	5.0	20525	836.5	16QAM	1@0	-16.87	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	-16.7	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	-17.3	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	-16.26	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	-16.28	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	-17.18	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	-17.13	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	-16.19	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	-15.55	-13	PASS
5	1.4	20407	824.7	QPSK	1@0	-17.07	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	-16.16	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	-18.82	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	-16.84	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	-17.0	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	-15.77	-13	PASS
5	10.0	20450	829.0	64QAM	1@0	-18.5	-13	PASS
5	10.0	20525	836.5	64QAM	1@0	-18.14	-13	PASS
5	10.0	20600	844.0	64QAM	1@0	-20.77	-13	PASS
5	5.0	20425	826.5	64QAM	1@0	-18.98	-13	PASS
5	5.0	20525	836.5	64QAM	1@0	-20.44	-13	PASS
5	5.0	20625	846.5	64QAM	1@0	-19.05	-13	PASS
5	3.0	20415	825.5	64QAM	1@0	-17.8	-13	PASS
5	3.0	20525	836.5	64QAM	1@0	-18.12	-13	PASS
5	3.0	20635	847.5	64QAM	1@0	-18.56	-13	PASS
5	1.4	20407	824.7	64QAM	1@0	-17.76	-13	PASS
5	1.4	20525	836.5	64QAM	1@0	-18.26	-13	PASS
5	1.4	20643	848.3	64QAM	1@0	-18.05	-13	PASS

Test Graphs

B5 10M QPSK 1@0 CH 20450



B5 10M 16QAM 1@0 CH 20450



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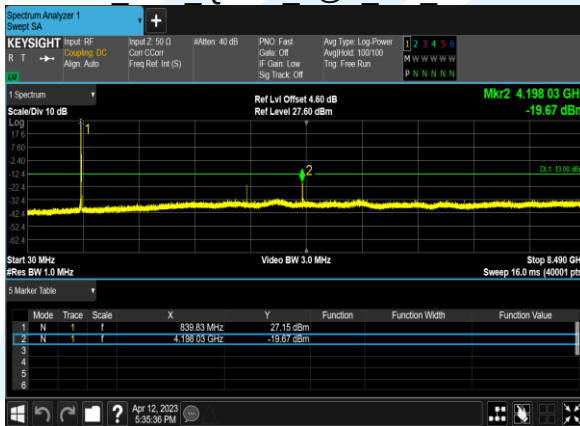
B5_10M QPSK 1@0 CH 20525



B5_10M 16QAM 1@0 CH 20525



B5_10M QPSK 1@0 CH 20600



B5_10M 16QAM 1@0 CH 20600



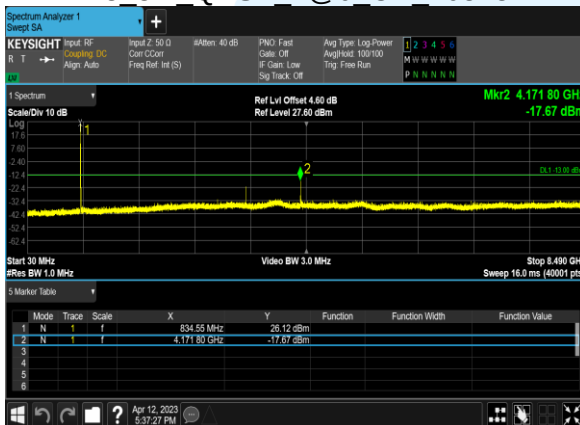
B5_5M QPSK 1@0 CH 20425



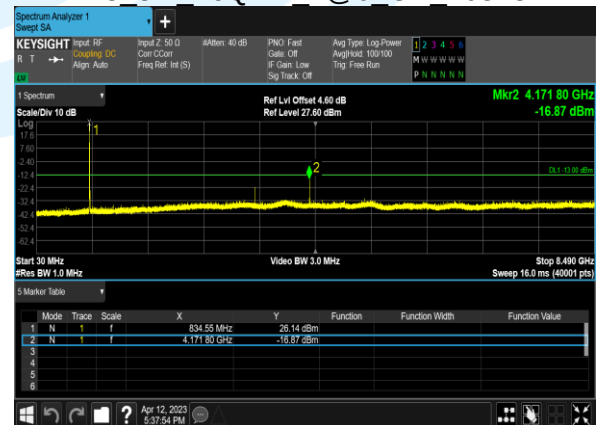
B5_5M 16QAM 1@0 CH 20425



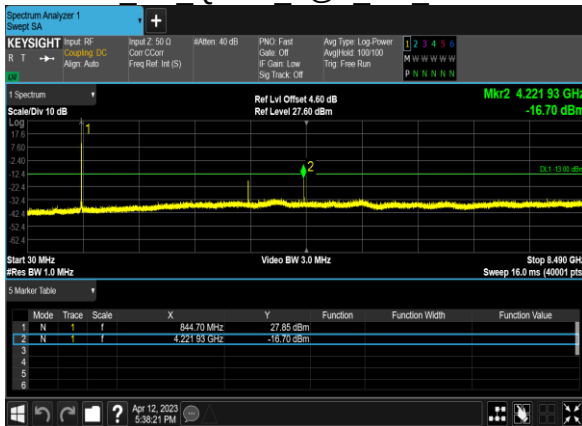
B5_5M QPSK 1@0 CH 20525



B5_5M 16QAM 1@0 CH 20525



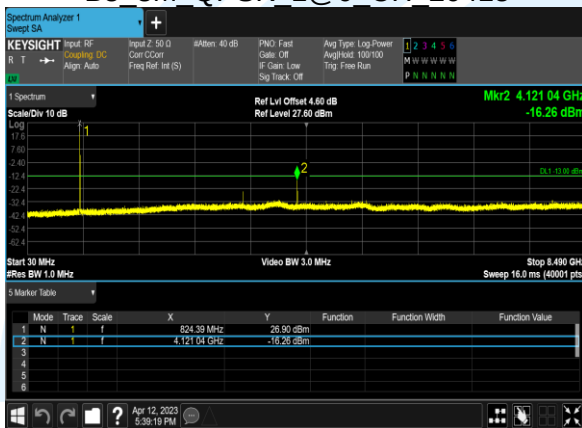
B5 5M QPSK 1@0 CH 20625



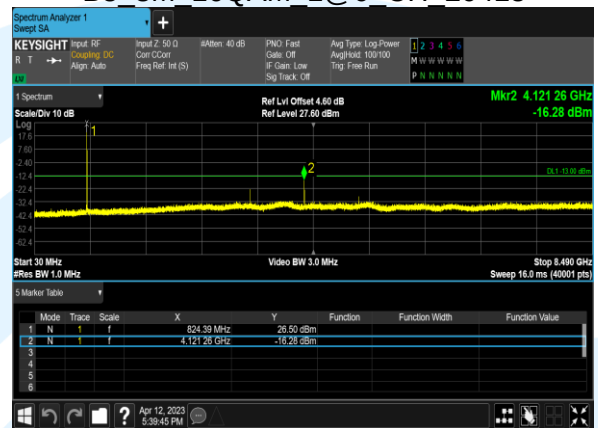
B5 5M 16QAM 1@0 CH 20625



B5 3M QPSK 1@0 CH 20415



B5 3M 16QAM 1@0 CH 20415



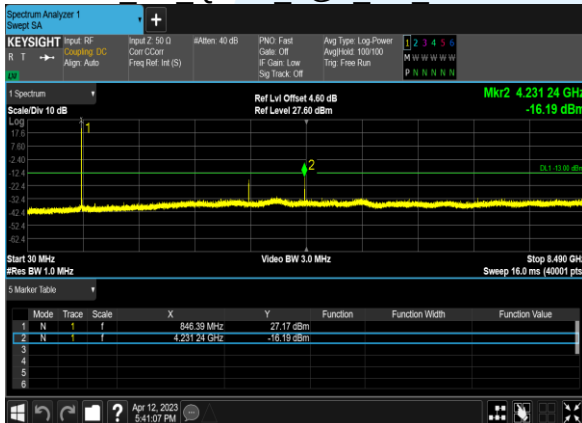
B5 3M QPSK 1@0 CH 20525



B5 3M 16QAM 1@0 CH 20525



B5 3M QPSK 1@0 CH 20635



B5 3M 16QAM 1@0 CH 20635



B5 1.4M QPSK 1@0 CH 20407



B5 1.4M 16QAM 1@0 CH 20407



B5 1.4M QPSK 1@0 CH 20525



B5 1.4M 16QAM 1@0 CH 20525



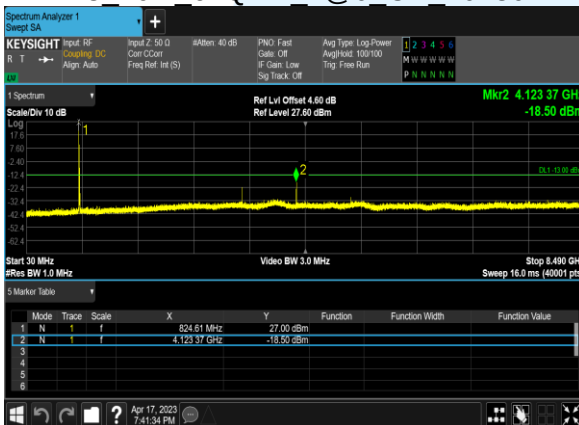
B5 1.4M QPSK 1@0 CH 20643



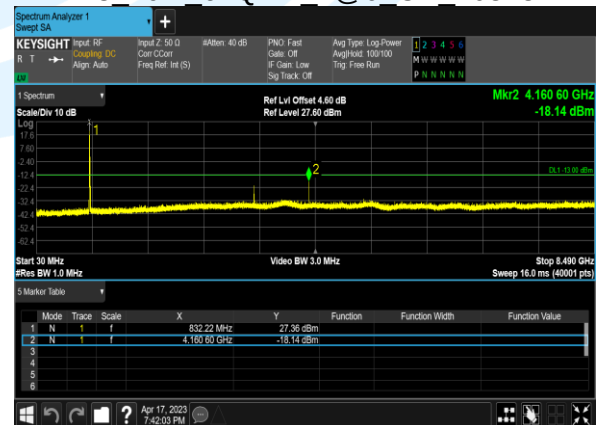
B5 1.4M 16QAM 1@0 CH 20643



B5 10M 64QAM 1@0 CH 20450



B5 10M 64QAM 1@0 CH 20525



B5 10M 64QAM 1@0 CH 20600



B5 5M 64QAM 1@0 CH 20425



B5 5M 64QAM 1@0 CH 20525



B5 5M 64QAM 1@0 CH 20625



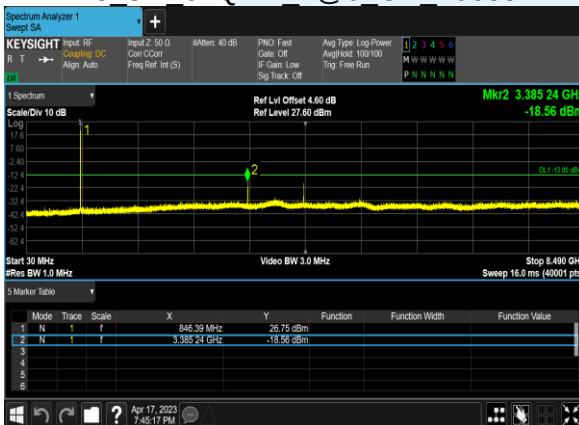
B5 3M 64QAM 1@0 CH 20415



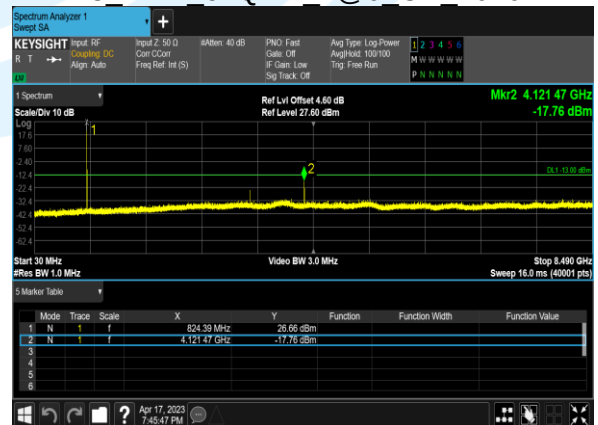
B5 3M 64QAM 1@0 CH 20525



B5 3M 64QAM 1@0 CH 20635



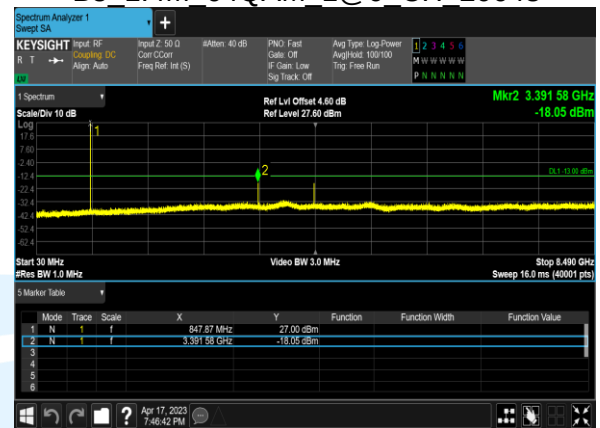
B5 1.4M 64QAM 1@0 CH 20407



B5_1.4M_64QAM_1@0_CH_20525



B5_1.4M_64QAM_1@0_CH_20643

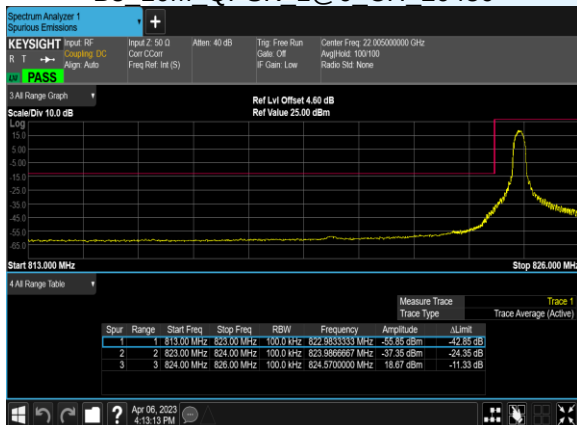


Conducted Band Edge

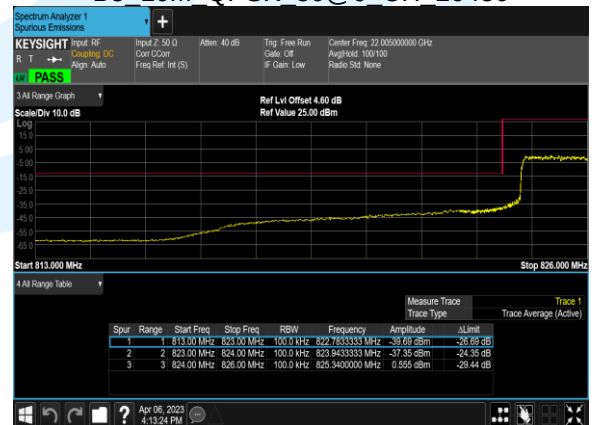
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
5	10.0	20450	829.0	QPSK	1@0	see graph	PASS
5	10.0	20450	829.0	QPSK	50@0	see graph	PASS
5	10.0	20450	829.0	16QAM	1@0	see graph	PASS
5	10.0	20450	829.0	16QAM	50@0	see graph	PASS
5	10.0	20600	844.0	QPSK	1@49	see graph	PASS
5	10.0	20600	844.0	QPSK	50@0	see graph	PASS
5	10.0	20600	844.0	16QAM	1@49	see graph	PASS
5	10.0	20600	844.0	16QAM	50@0	see graph	PASS
5	5.0	20425	826.5	QPSK	1@0	see graph	PASS
5	5.0	20425	826.5	QPSK	25@0	see graph	PASS
5	5.0	20425	826.5	16QAM	1@0	see graph	PASS
5	5.0	20425	826.5	16QAM	25@0	see graph	PASS
5	5.0	20625	846.5	QPSK	1@24	see graph	PASS
5	5.0	20625	846.5	QPSK	25@0	see graph	PASS
5	5.0	20625	846.5	16QAM	1@24	see graph	PASS
5	5.0	20625	846.5	16QAM	25@0	see graph	PASS
5	3.0	20415	825.5	QPSK	1@0	see graph	PASS
5	3.0	20415	825.5	QPSK	15@0	see graph	PASS
5	3.0	20415	825.5	16QAM	1@0	see graph	PASS
5	3.0	20415	825.5	16QAM	15@0	see graph	PASS
5	3.0	20635	847.5	QPSK	1@14	see graph	PASS
5	3.0	20635	847.5	QPSK	15@0	see graph	PASS
5	3.0	20635	847.5	16QAM	1@14	see graph	PASS
5	3.0	20635	847.5	16QAM	15@0	see graph	PASS
5	1.4	20407	824.7	QPSK	1@0	see graph	PASS
5	1.4	20407	824.7	QPSK	6@0	see graph	PASS
5	1.4	20407	824.7	16QAM	1@0	see graph	PASS
5	1.4	20407	824.7	16QAM	6@0	see graph	PASS
5	1.4	20643	848.3	QPSK	1@5	see graph	PASS
5	1.4	20643	848.3	QPSK	6@0	see graph	PASS
5	1.4	20643	848.3	16QAM	1@5	see graph	PASS
5	1.4	20643	848.3	16QAM	6@0	see graph	PASS
5	10.0	20450	829.0	64QAM	1@0	see graph	PASS
5	10.0	20450	829.0	64QAM	50@0	see graph	PASS
5	10.0	20600	844.0	64QAM	1@49	see graph	PASS
5	10.0	20600	844.0	64QAM	50@0	see graph	PASS
5	5.0	20425	826.5	64QAM	1@0	see graph	PASS
5	5.0	20425	826.5	64QAM	25@0	see graph	PASS
5	5.0	20625	846.5	64QAM	1@24	see graph	PASS
5	5.0	20625	846.5	64QAM	25@0	see graph	PASS
5	3.0	20415	825.5	64QAM	1@0	see graph	PASS
5	3.0	20415	825.5	64QAM	15@0	see graph	PASS
5	3.0	20635	847.5	64QAM	1@14	see graph	PASS
5	3.0	20635	847.5	64QAM	15@0	see graph	PASS
5	1.4	20407	824.7	64QAM	1@0	see graph	PASS
5	1.4	20407	824.7	64QAM	6@0	see graph	PASS
5	1.4	20643	848.3	64QAM	1@5	see graph	PASS
5	1.4	20643	848.3	64QAM	6@0	see graph	PASS

Test Graphs

B5 10M QPSK 1@0 CH 20450



B5 10M QPSK 50@0 CH 20450



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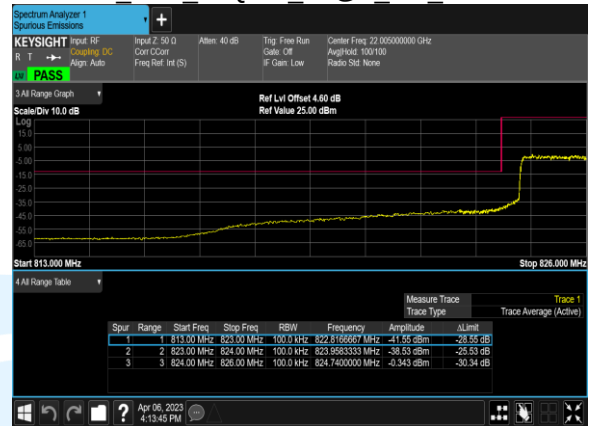
<http://www.uttlab.com>

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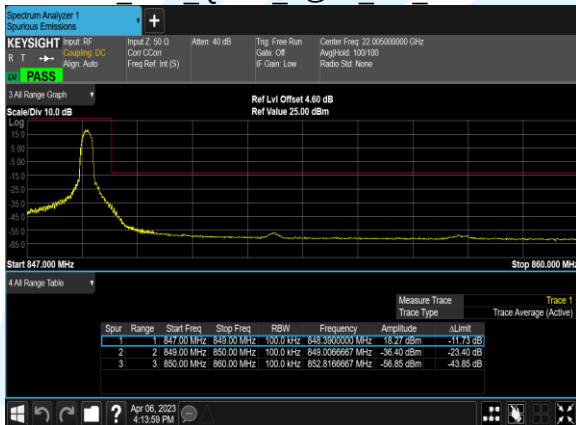
B5 10M 16QAM 1@0 CH 20450



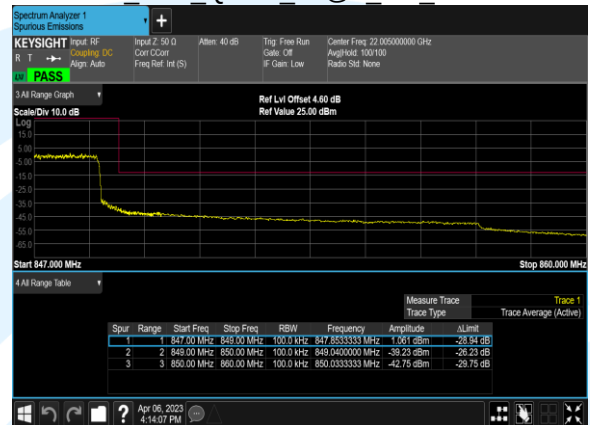
B5 10M 16QAM 50@0 CH 20450



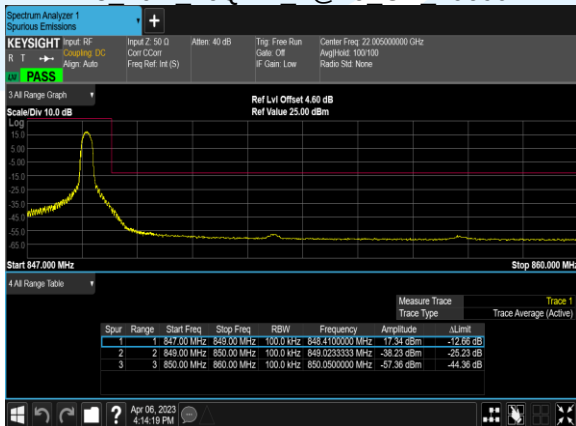
B5 10M QPSK 1@49 CH 20600



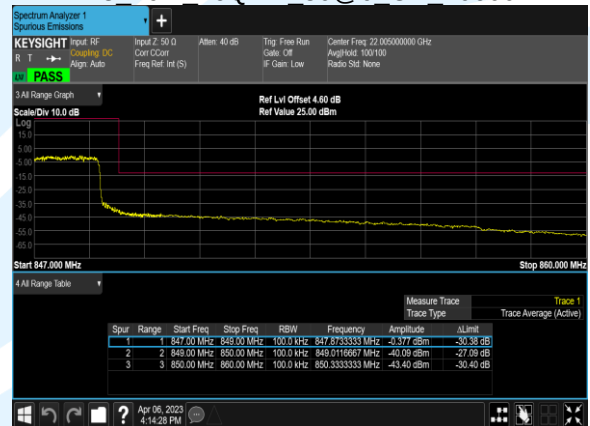
B5 10M QPSK 50@0 CH 20600



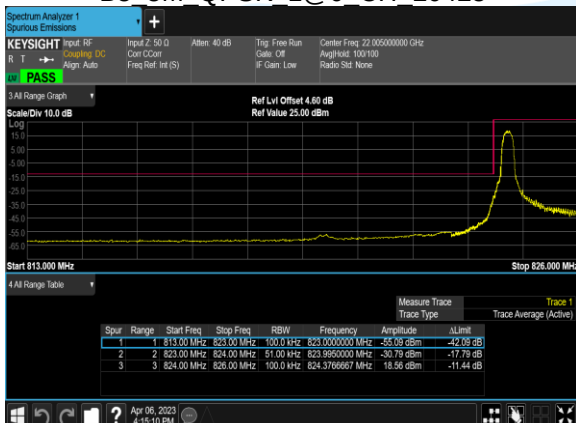
B5 10M 16QAM 1@49 CH 20600



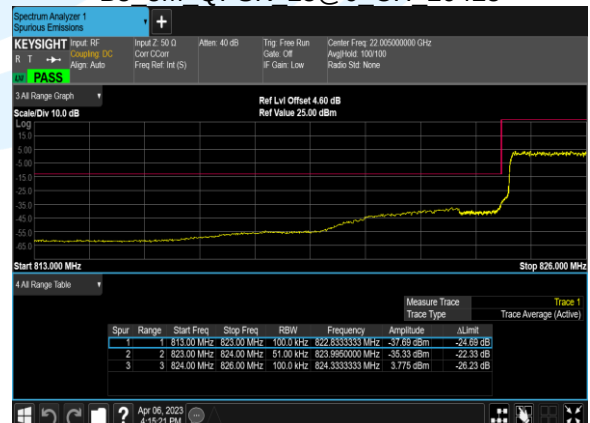
B5 10M 16QAM 50@0 CH 20600



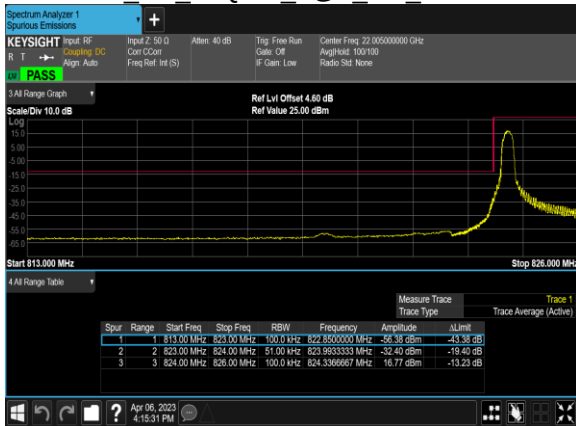
B5 5M QPSK 1@0 CH 20425



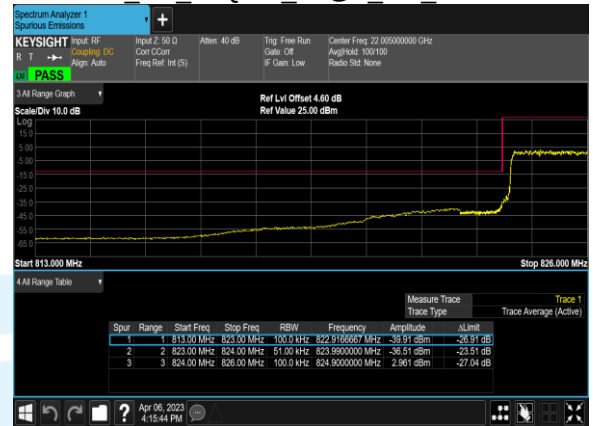
B5 5M QPSK 25@0 CH 20425



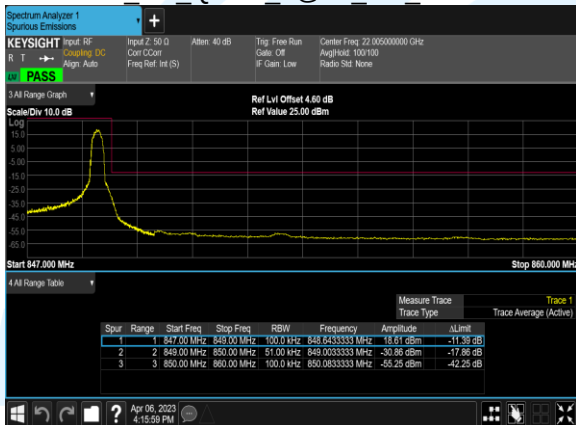
B5 5M 16QAM 1@0 CH 20425



B5 5M 16QAM 25@0 CH 20425



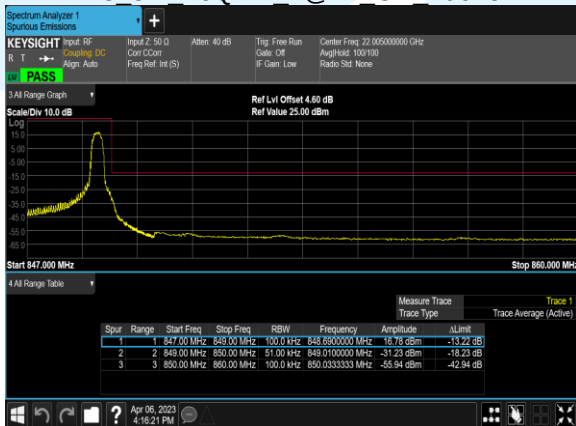
B5 5M QPSK 1@24 CH 20625



B5 5M QPSK 25@0 CH 20625



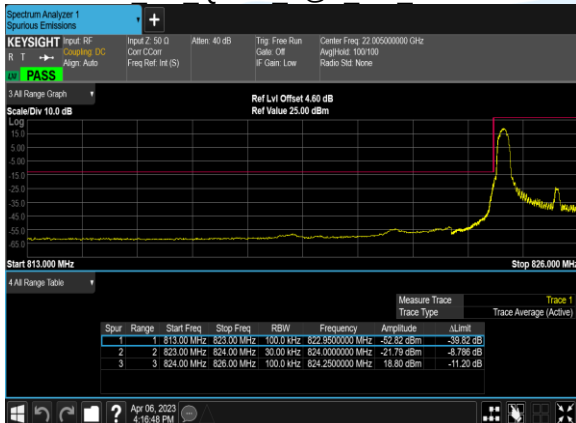
B5 5M 16QAM 1@24 CH 20625



B5 5M 16QAM 25@0 CH 20625



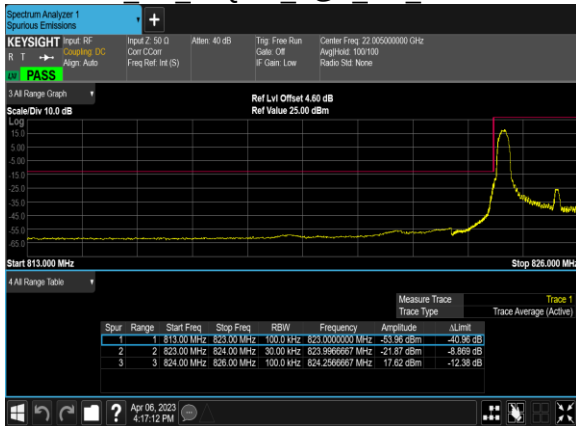
B5 3M QPSK 1@0 CH 20415



B5 3M QPSK 15@0 CH 20415



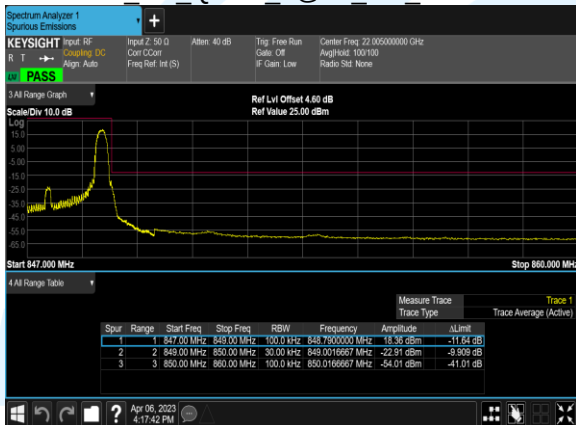
B5 3M 16QAM 1@0 CH 20415



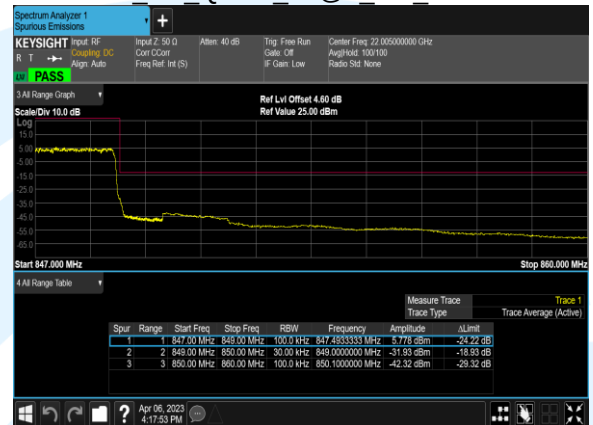
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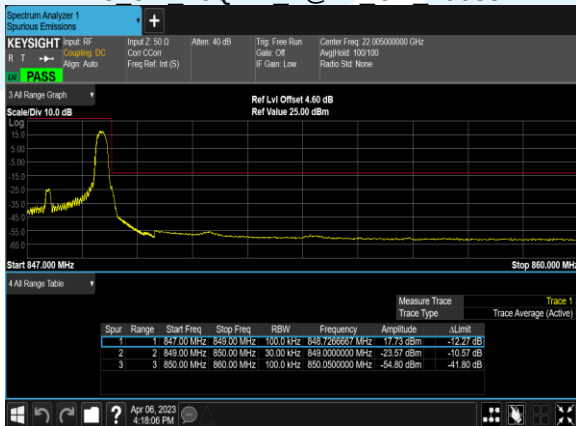
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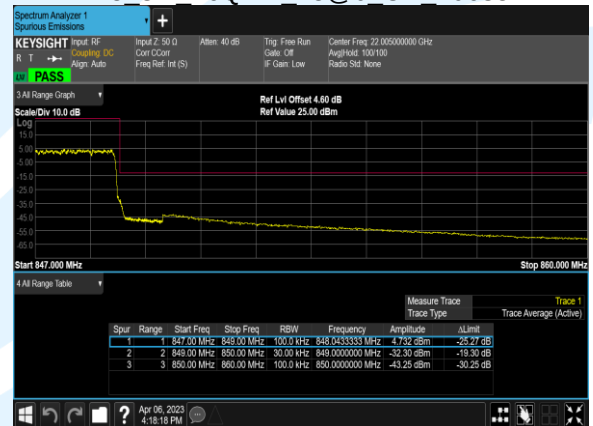
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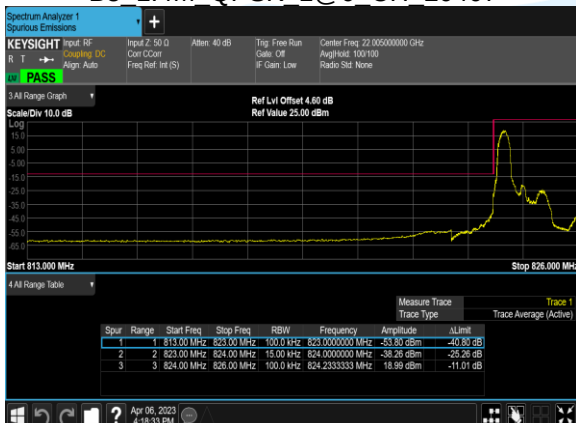
B5 3M 16QAM 1@14 CH 20635



B5 3M 16QAM 15@0 CH 20635



B5 1.4M QPSK 1@0 CH 20407



B5 1.4M QPSK 6@0 CH 20407

