

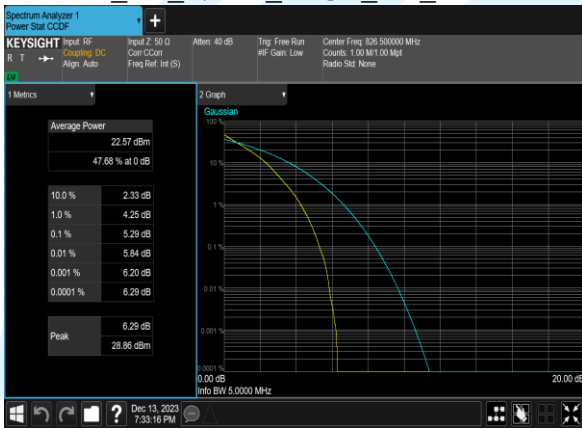
B5_10M_QPSK_50@0_CH_20600



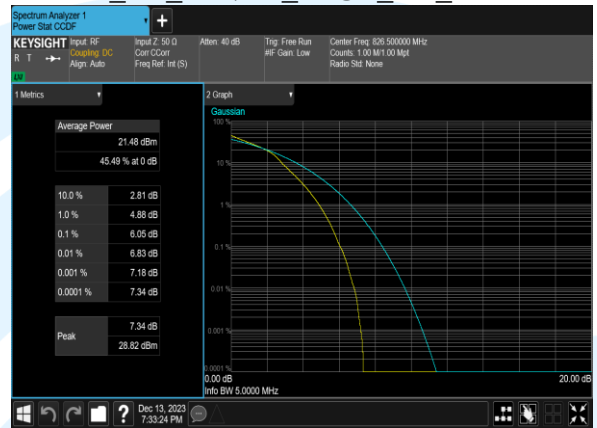
B5_10M_16QAM_50@0_CH_20600



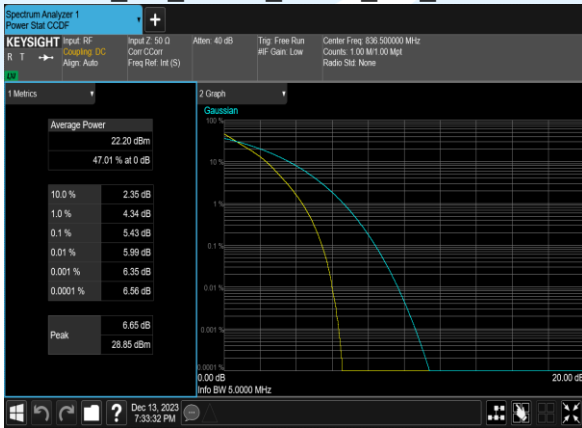
B5_5M_QPSK_25@0_CH_20425



B5_5M_16QAM_25@0_CH_20425



B5_5M_QPSK_25@0_CH_20525



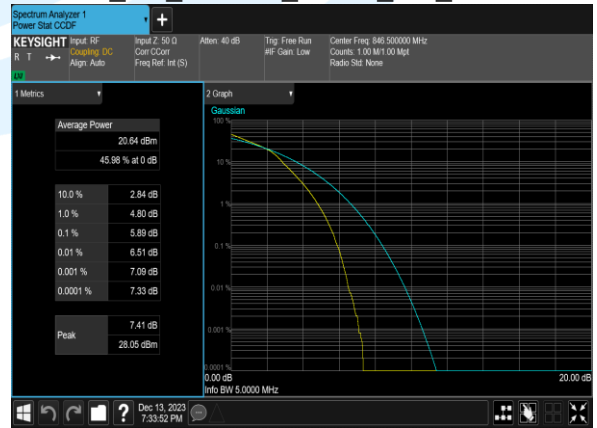
B5_5M_16QAM_25@0_CH_20525



B5_5M_QPSK_25@0_CH_20625



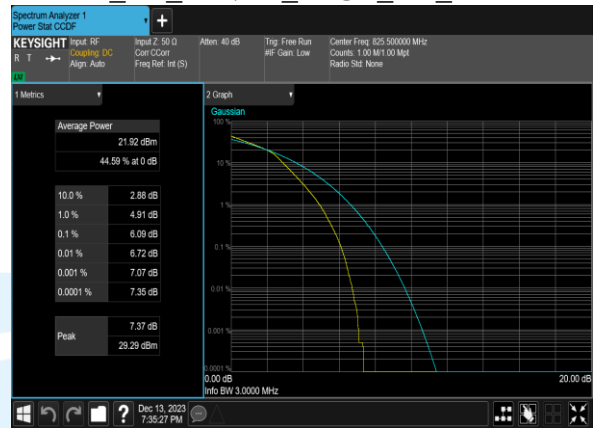
B5_5M_16QAM_25@0_CH_20625



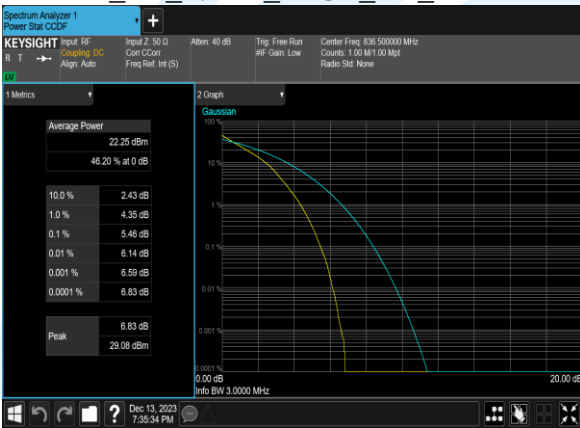
B5_3M_QPSK_15@0_CH_20415



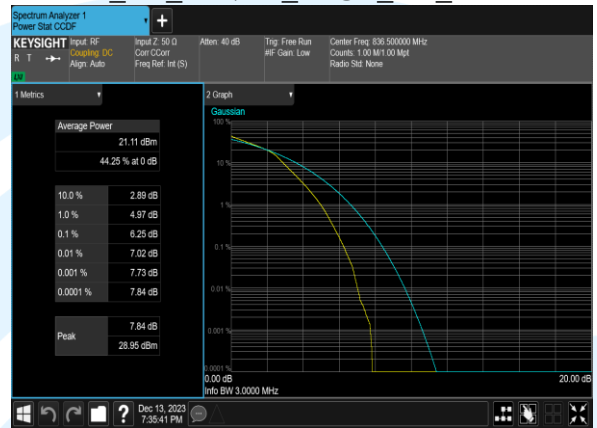
B5_3M_16QAM_15@0_CH_20415



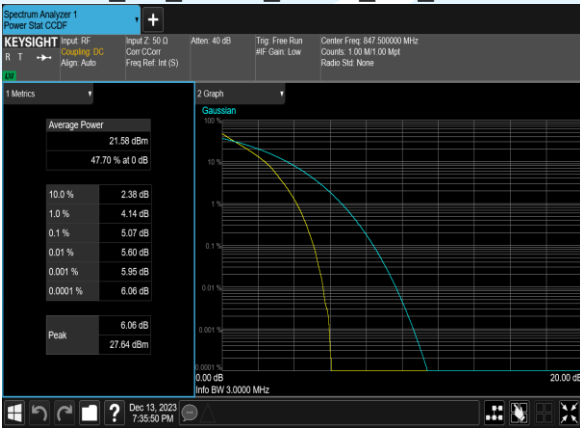
B5_3M_QPSK_15@0_CH_20525



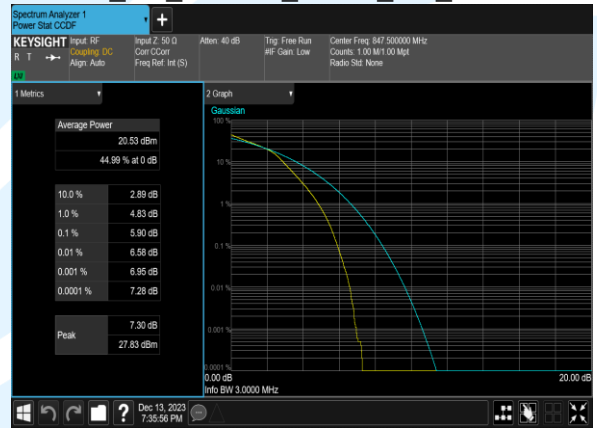
B5_3M_16QAM_15@0_CH_20525



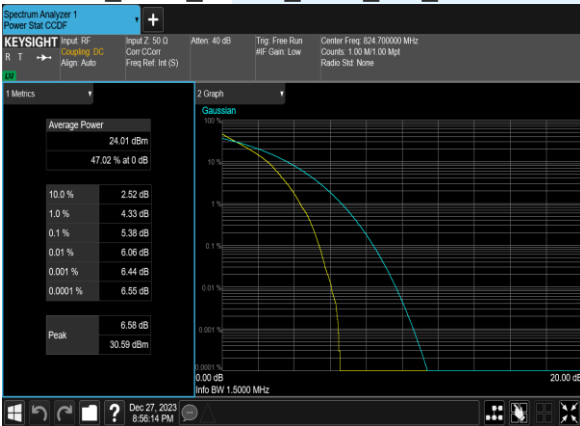
B5_3M_QPSK_15@0_CH_20635



B5_3M_16QAM_15@0_CH_20635



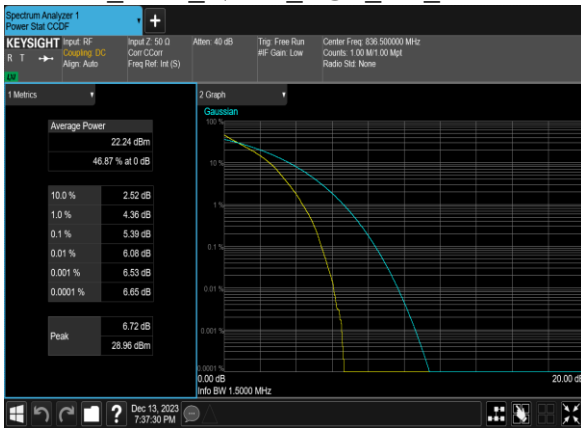
B5_1.4M_QPSK_6@0_CH_20407



B5_1.4M_16QAM_6@0_CH_20407



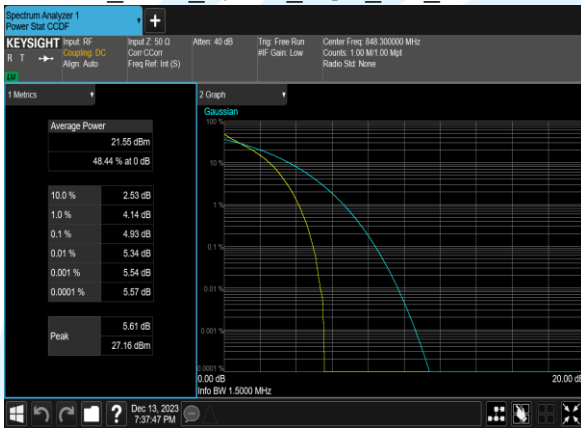
B5_1.4M_QPSK_6@0_CH_20525



B5_1.4M_16QAM_6@0_CH_20525



B5_1.4M_QPSK_6@0_CH_20643



B5_1.4M_16QAM_6@0_CH_20643

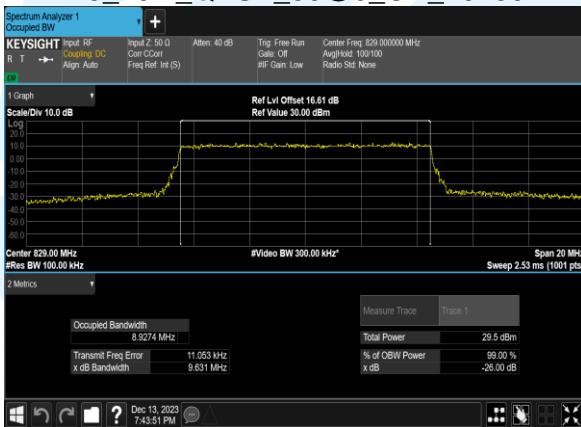


Occupied Bandwidth

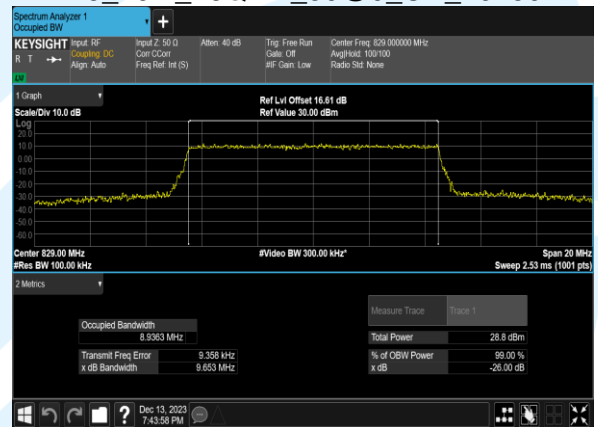
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	10.0	20450	829.0	QPSK	50@0	8.9274	9.631
5	10.0	20450	829.0	16QAM	50@0	8.9363	9.653
5	10.0	20525	836.5	QPSK	50@0	8.9297	9.677
5	10.0	20525	836.5	16QAM	50@0	8.9468	9.598
5	10.0	20600	844.0	QPSK	50@0	8.9304	9.612
5	10.0	20600	844.0	16QAM	50@0	8.9273	9.697
5	5.0	20425	826.5	QPSK	25@0	4.4586	4.853
5	5.0	20425	826.5	16QAM	25@0	4.4546	4.881
5	5.0	20525	836.5	QPSK	25@0	4.4597	4.886
5	5.0	20525	836.5	16QAM	25@0	4.4553	4.834
5	5.0	20625	846.5	QPSK	25@0	4.4510	4.862
5	5.0	20625	846.5	16QAM	25@0	4.4579	4.849
5	3.0	20415	825.5	QPSK	15@0	2.6828	2.980
5	3.0	20415	825.5	16QAM	15@0	2.6790	2.948
5	3.0	20525	836.5	QPSK	15@0	2.6903	2.981
5	3.0	20525	836.5	16QAM	15@0	2.6834	2.986
5	3.0	20635	847.5	QPSK	15@0	2.6857	2.955
5	3.0	20635	847.5	16QAM	15@0	2.6872	2.970
5	1.4	20407	824.7	QPSK	6@0	1.0771	1.209
5	1.4	20407	824.7	16QAM	6@0	1.0808	1.222
5	1.4	20525	836.5	QPSK	6@0	1.0790	1.213
5	1.4	20525	836.5	16QAM	6@0	1.0770	1.215
5	1.4	20643	848.3	QPSK	6@0	1.0798	1.223
5	1.4	20643	848.3	16QAM	6@0	1.0813	1.214

Test Graphs

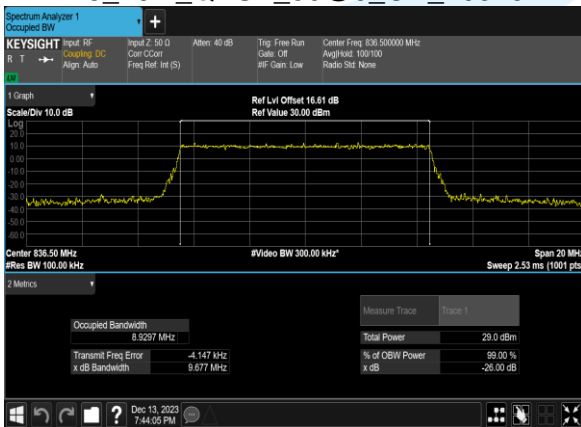
B5_10M_QPSK_50@0_CH_20450



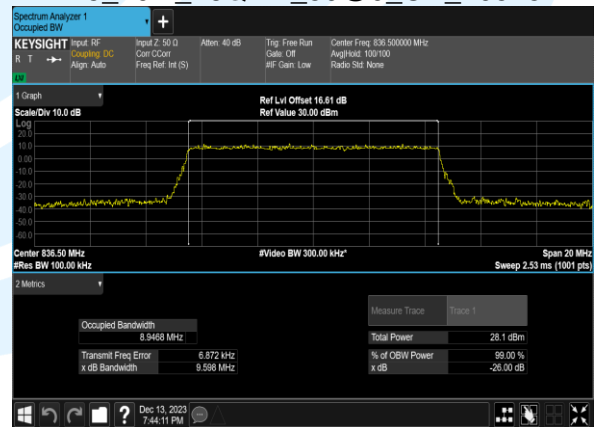
B5_10M_16QAM_50@0_CH_20450



B5_10M_QPSK_50@0_CH_20525



B5_10M_16QAM_50@0_CH_20525



B5_10M_QPSK_50@0_CH_20600



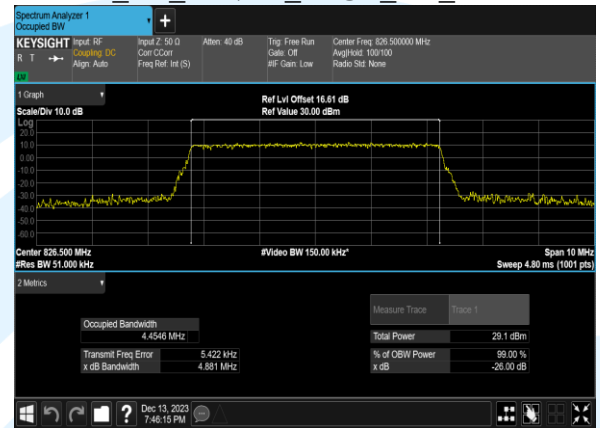
B5_10M_16QAM_50@0_CH_20600



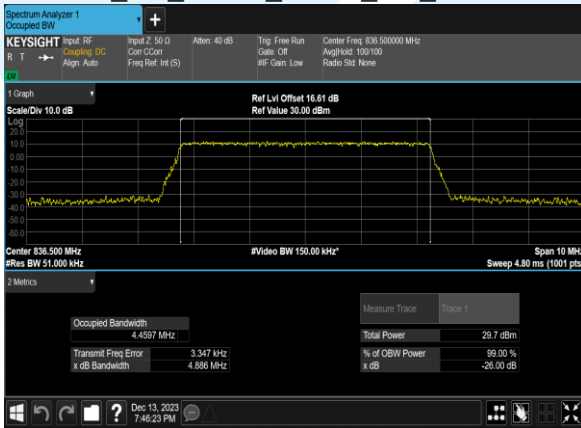
B5_5M_QPSK_25@0_CH_20425



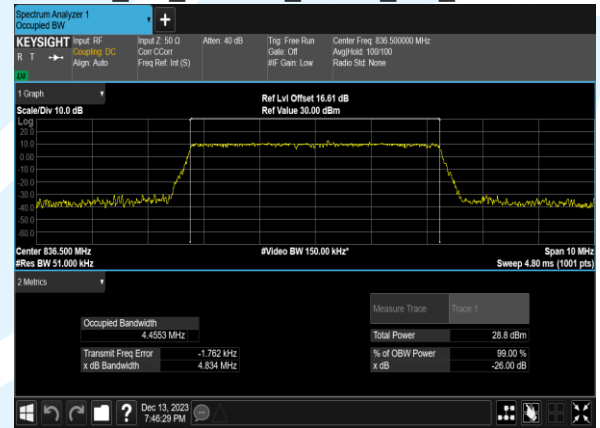
B5_5M_16QAM_25@0_CH_20425



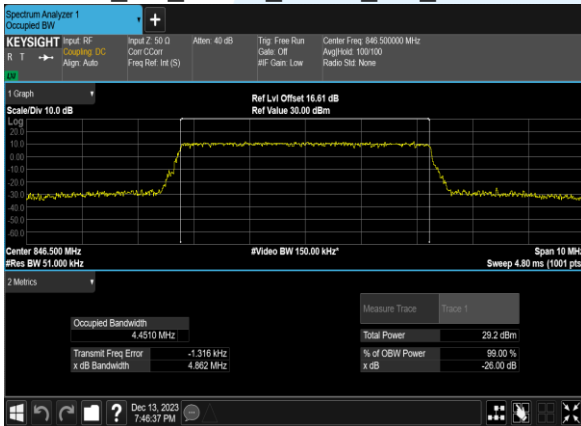
B5_5M_QPSK_25@0_CH_20525



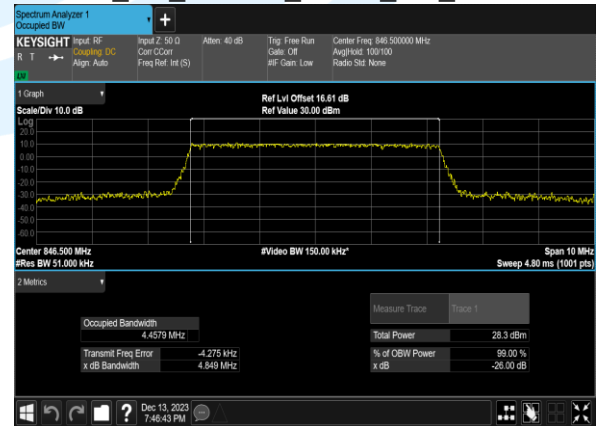
B5_5M_16QAM_25@0_CH_20525



B5_5M_QPSK_25@0_CH_20625



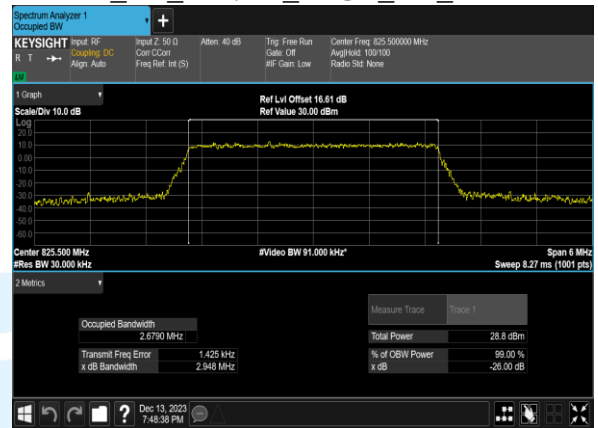
B5_5M_16QAM_25@0_CH_20625



B5_3M_QPSK_15@0_CH_20415



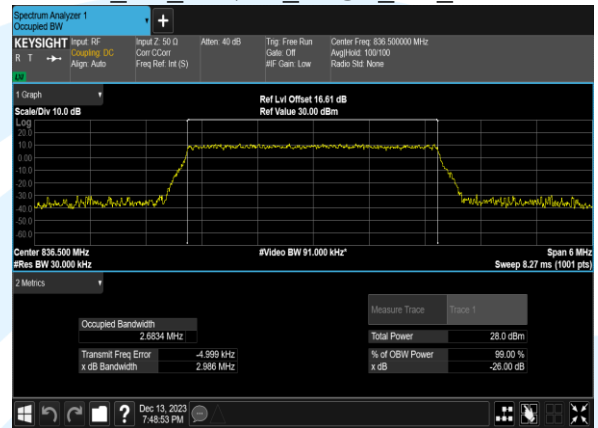
B5_3M_16QAM_15@0_CH_20415



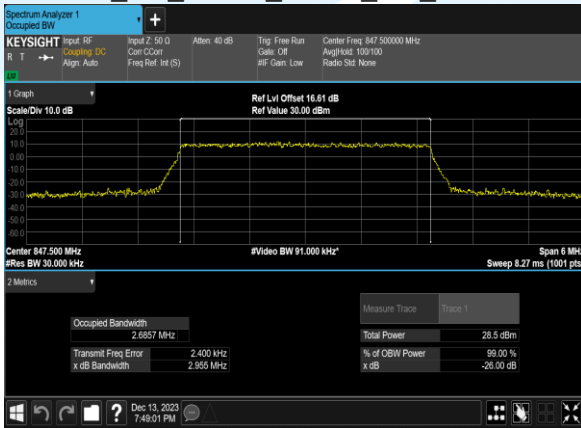
B5_3M_QPSK_15@0_CH_20525



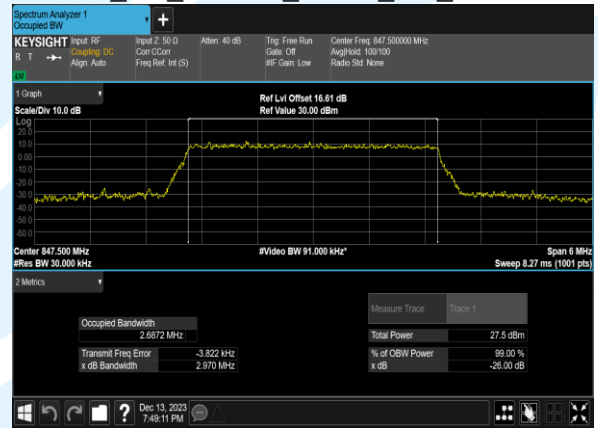
B5_3M_16QAM_15@0_CH_20525



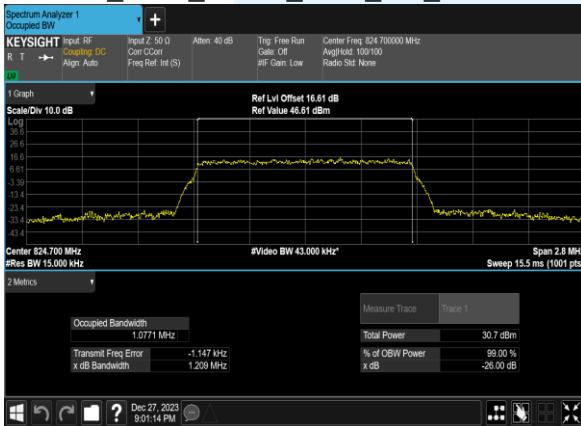
B5_3M_QPSK_15@0_CH_20635



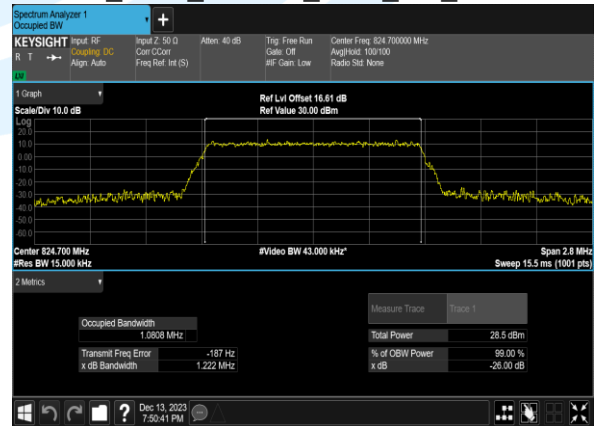
B5_3M_16QAM_15@0_CH_20635



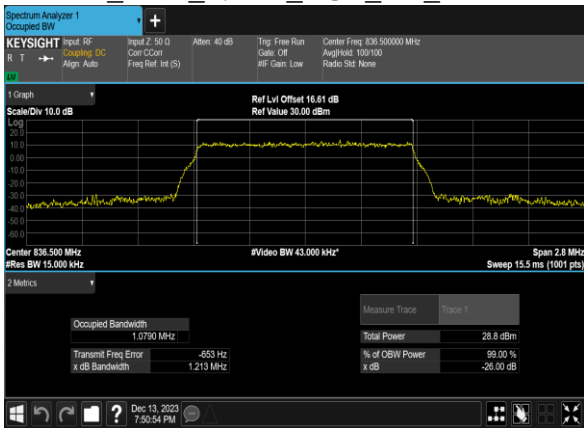
B5_1.4M_QPSK_6@0_CH_20407



B5_1.4M_16QAM_6@0_CH_20407



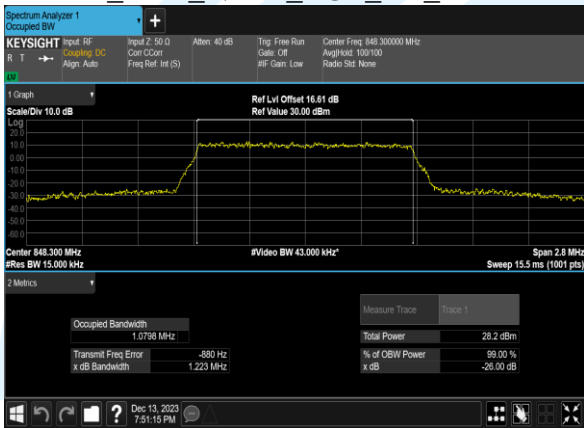
B5_1.4M_QPSK_6@0_CH_20525



B5_1.4M_16QAM_6@0_CH_20525



B5_1.4M_QPSK_6@0_CH_20643



B5_1.4M_16QAM_6@0_CH_20643



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<http://www.uttlab.com>

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Conducted Spurious Emissions

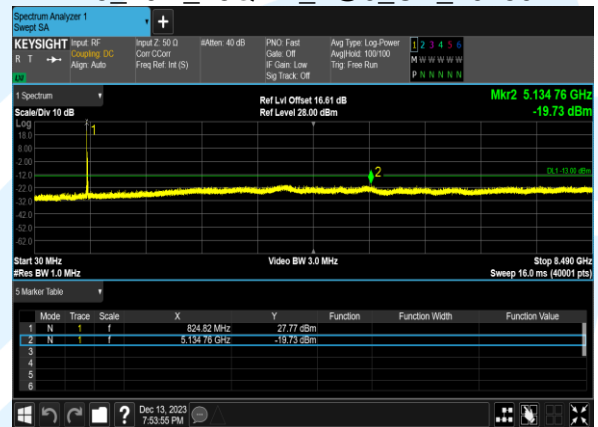
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
5	10.0	20450	829.0	QPSK	1@0	-19.18	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	-19.73	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	-18.6	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	-19.0	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	-19.17	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	-19.51	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	-18.99	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	-19.25	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	-18.8	-13	PASS
5	5.0	20525	836.5	16QAM	1@0	-19.38	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	-18.77	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	-18.93	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	-18.9	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	-19.53	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	-18.74	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	-19.68	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	-19.52	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	-19.2	-13	PASS
5	1.4	20407	824.7	QPSK	1@0	-18.73	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	-19.47	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	-18.46	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	-19.3	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	-19.23	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	-19.27	-13	PASS

Test Graphs

B5_10M_QPSK_1@0_CH_20450



B5_10M_16QAM_1@0_CH_20450



B5_10M_QPSK_1@0_CH_20525



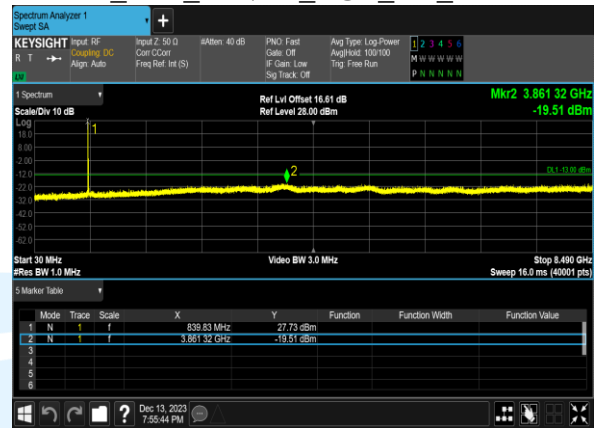
B5_10M_16QAM_1@0_CH_20525



B5_10M_QPSK_1@0_CH_20600



B5_10M_16QAM_1@0_CH_20600



B5_5M_QPSK_1@0_CH_20425



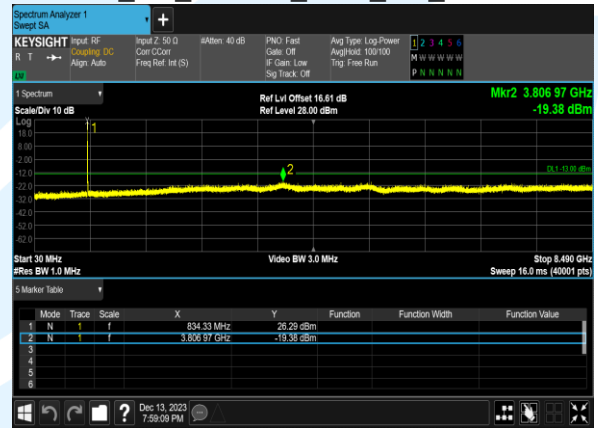
B5_5M_16QAM_1@0_CH_20425



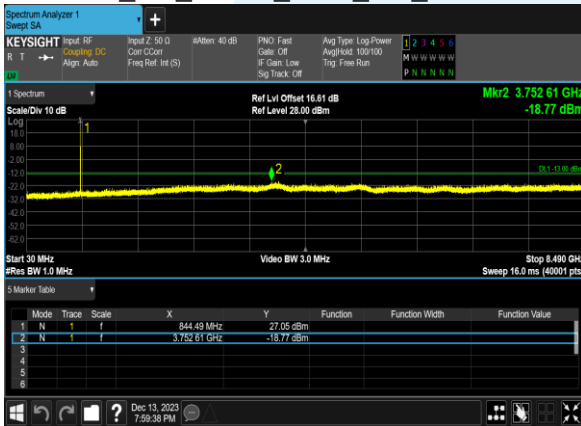
B5_5M_QPSK_1@0_CH_20525



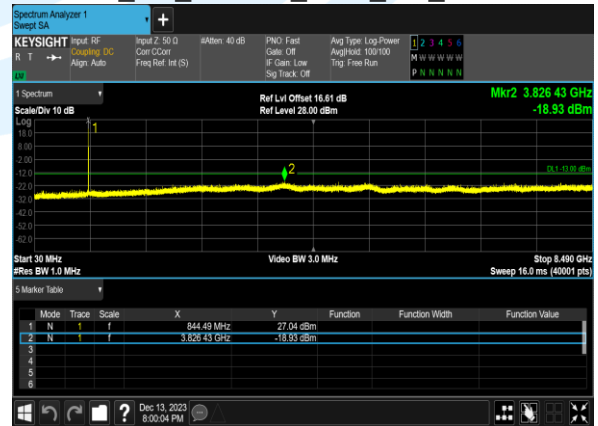
B5_5M_16QAM_1@0_CH_20525



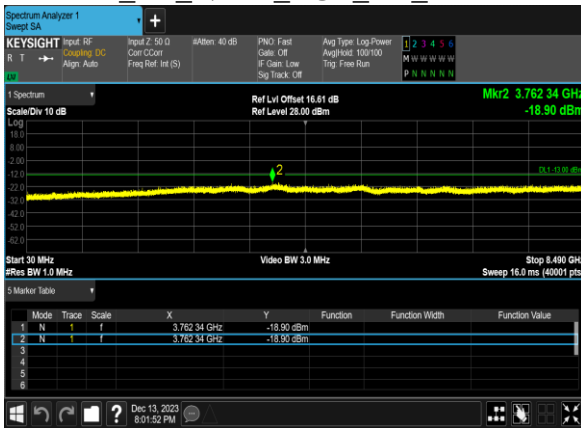
B5_5M_QPSK_1@0_CH_20625



B5_5M_16QAM_1@0_CH_20625



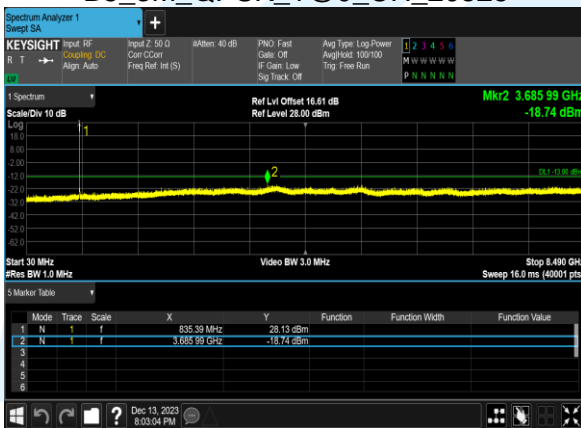
B5_3M_QPSK_1@0_CH_20415



B5_3M_16QAM_1@0_CH_20415



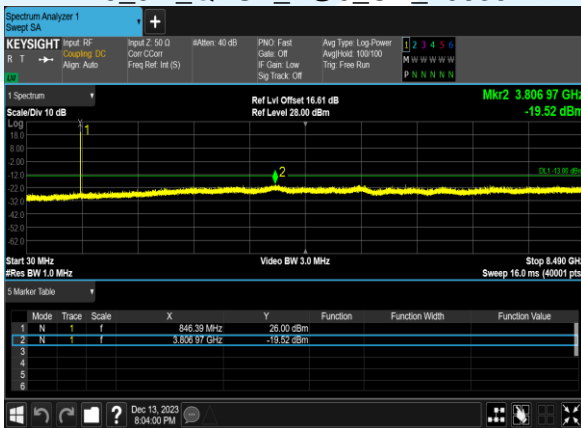
B5_3M_QPSK_1@0_CH_20525



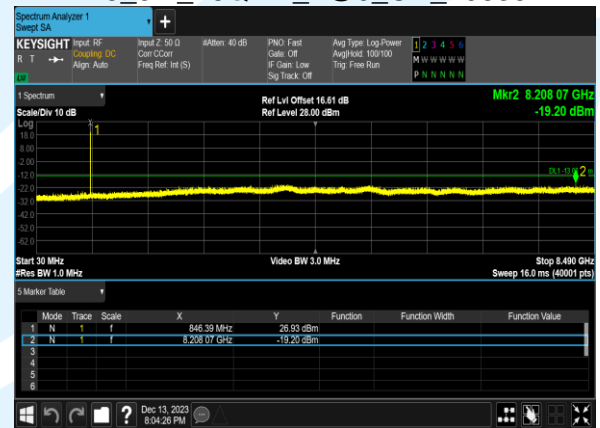
B5_3M_16QAM_1@0_CH_20525



B5_3M_QPSK_1@0_CH_20635



B5_3M_16QAM_1@0_CH_20635



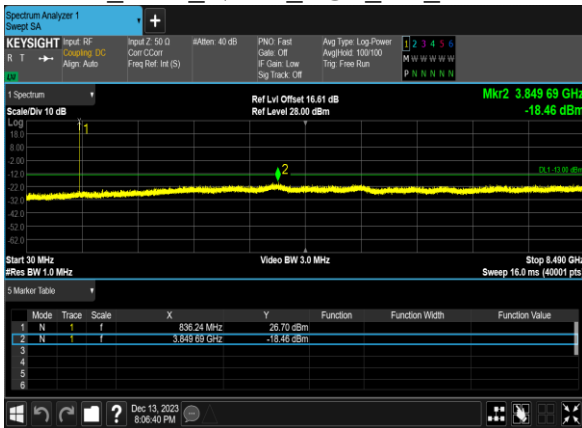
B5_1.4M_QPSK_1@0_CH_20407



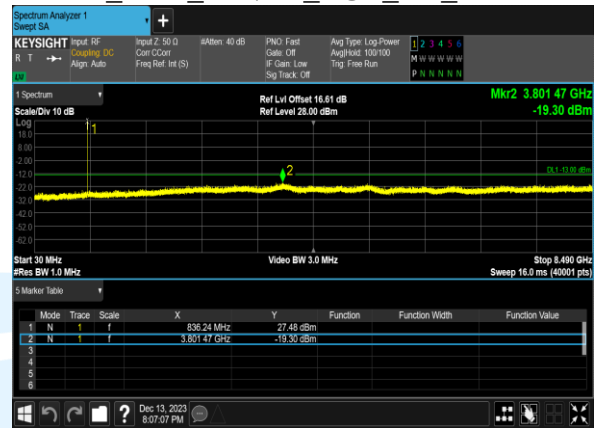
B5_1.4M_16QAM_1@0_CH_20407



B5_1.4M_QPSK_1@0_CH_20525



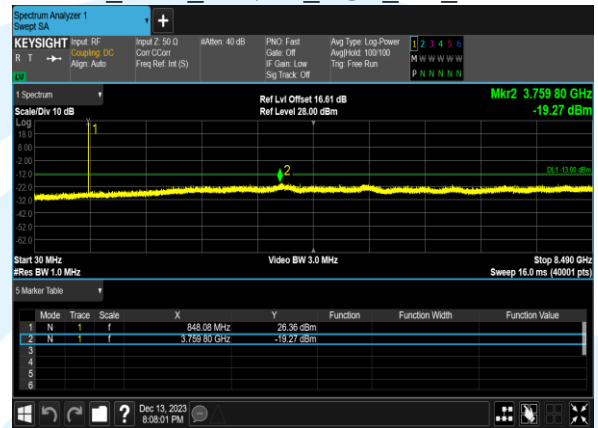
B5_1.4M_16QAM_1@0_CH_20525



B5_1.4M_QPSK_1@0_CH_20643



B5_1.4M_16QAM_1@0_CH_20643

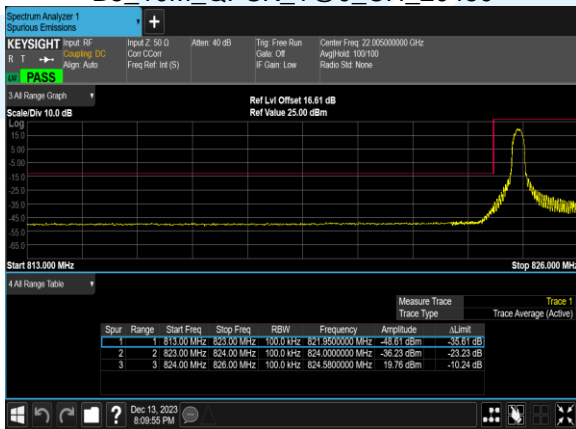


Conducted Band Edge

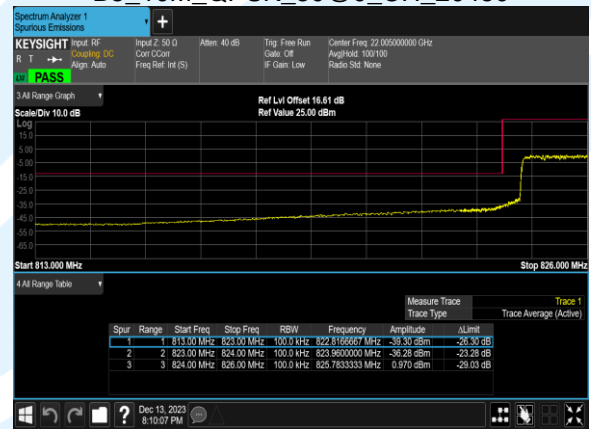
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
5	10.0	20450	829.0	QPSK	1@0	see graph	PASS
5	10.0	20450	829.0	QPSK	50@0	see graph	PASS
5	10.0	20450	829.0	16QAM	1@0	see graph	PASS
5	10.0	20450	829.0	16QAM	50@0	see graph	PASS
5	10.0	20600	844.0	QPSK	1@49	see graph	PASS
5	10.0	20600	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	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

Test Graphs

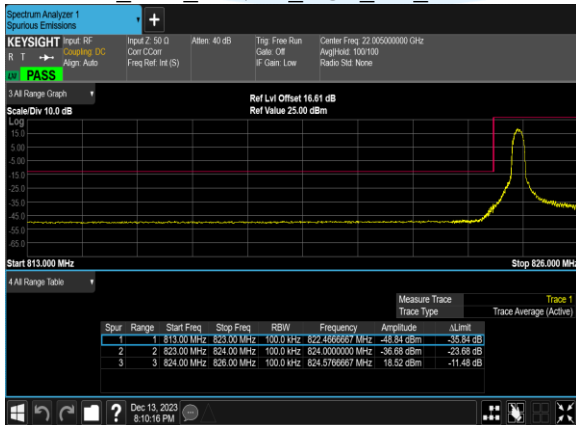
B5_10M_QPSK_1@0_CH_20450



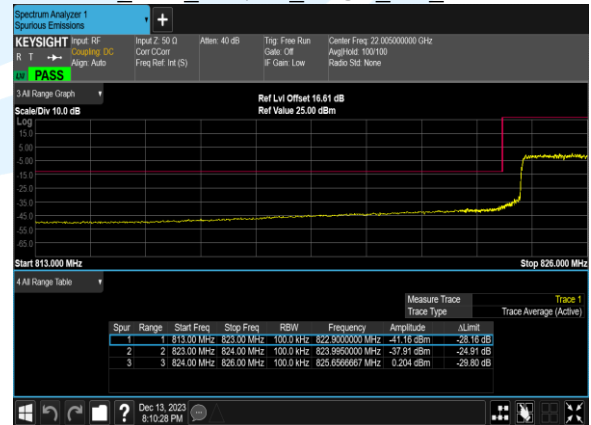
B5_10M_QPSK_50@0_CH_20450



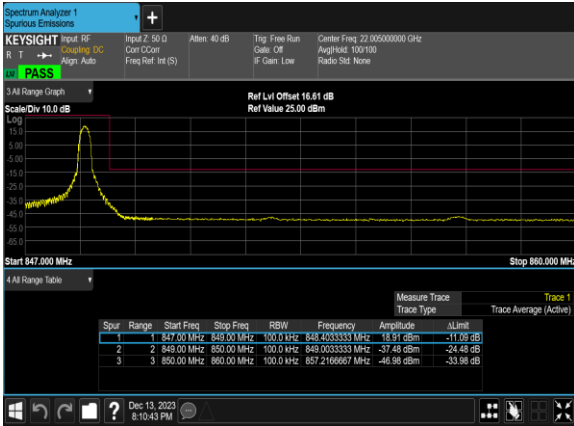
B5_10M_16QAM_1@0_CH_20450



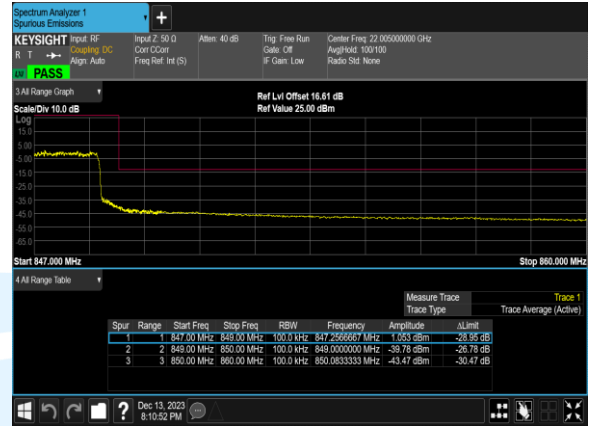
B5_10M_16QAM_50@0_CH_20450



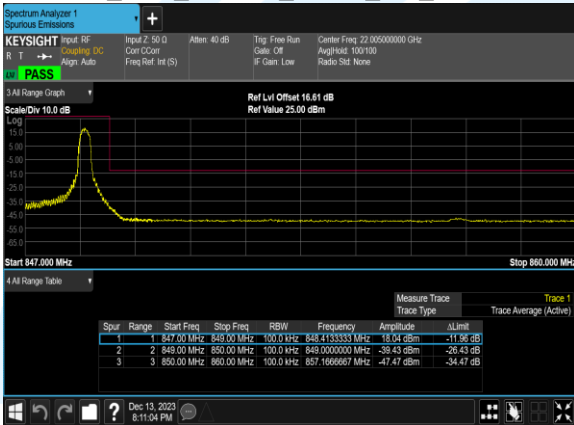
B5_10M_QPSK_1@49_CH_20600



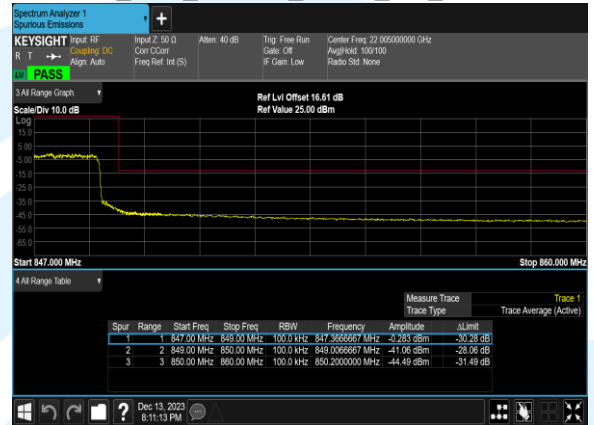
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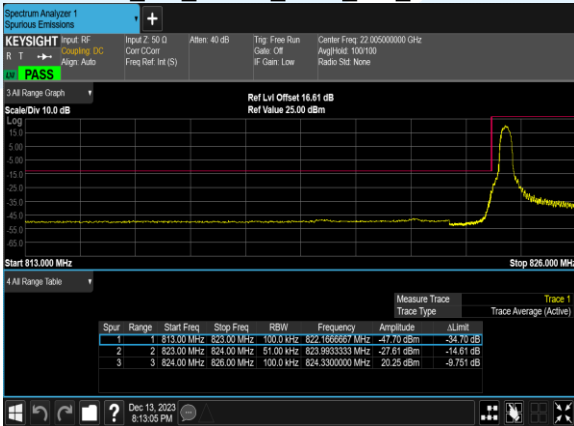
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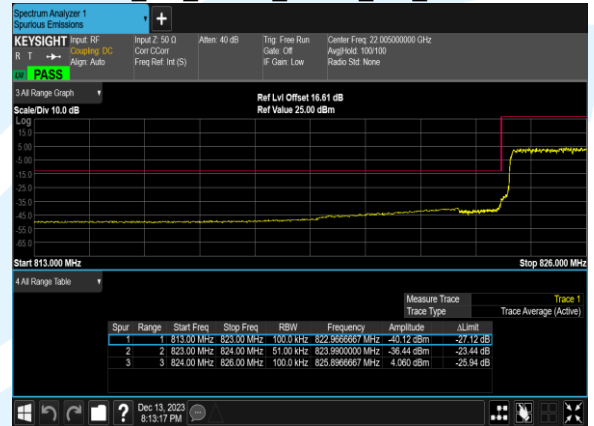
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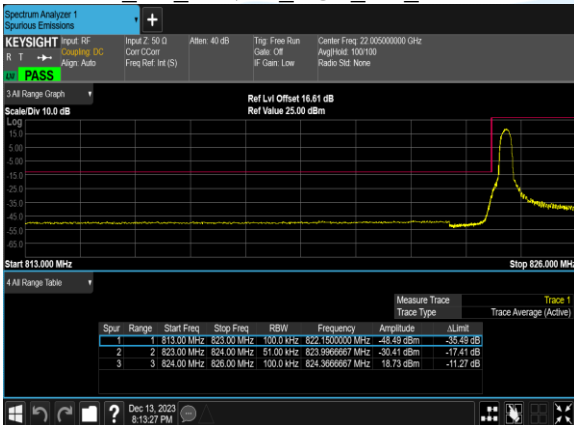
B5_5M_QPSK_1@0_CH_20425



B5_5M_QPSK_25@0_CH_20425



B5_5M_16QAM_1@0_CH_20425



B5_5M_16QAM_25@0_CH_20425

