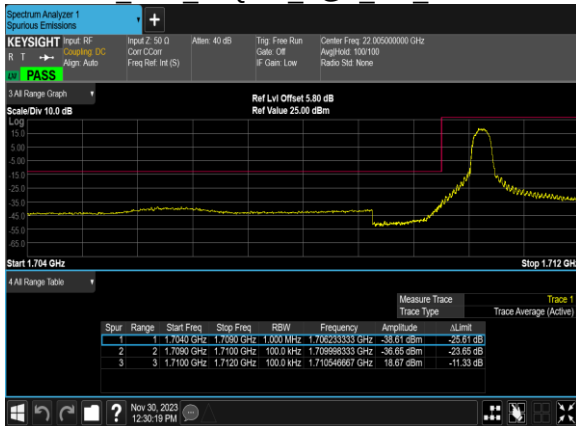
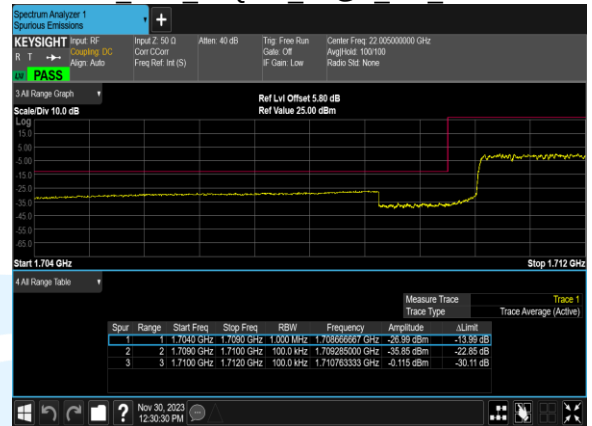


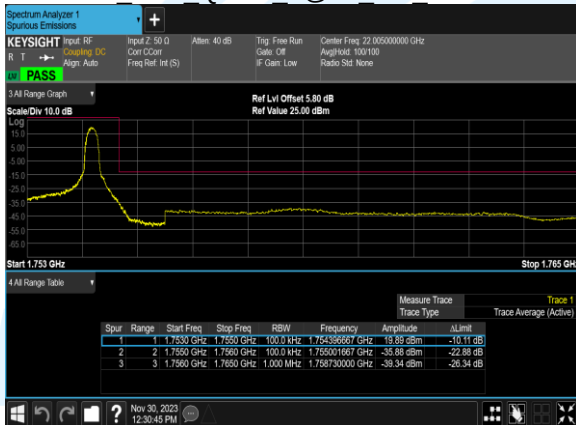
B4 10M 16QAM 1@0 CH 20000



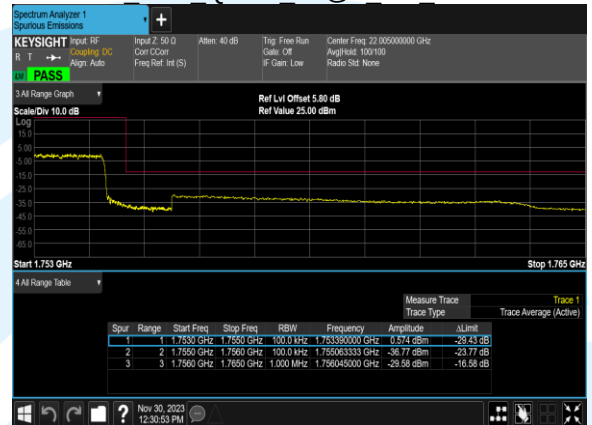
B4 10M 16QAM 50@0 CH 20000



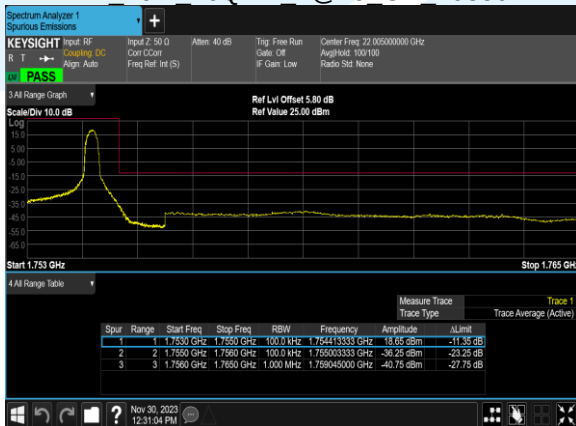
B4 10M QPSK 1@49 CH 20350



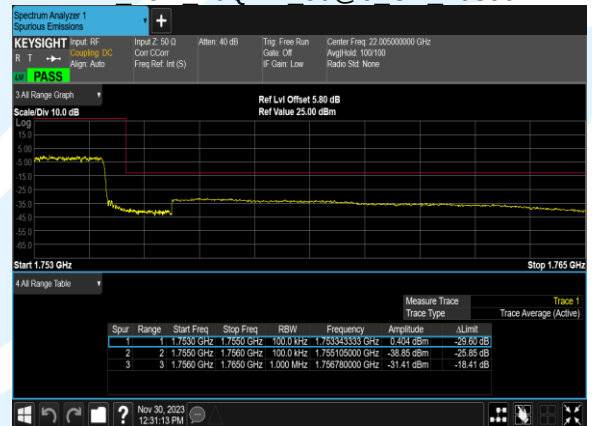
B4 10M QPSK 50@0 CH 20350



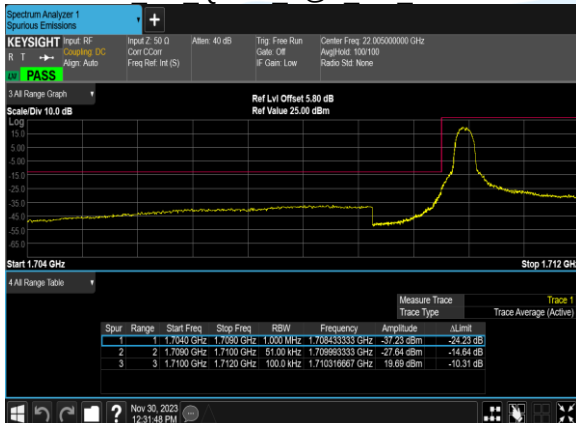
B4 10M 16QAM 1@49 CH 20350



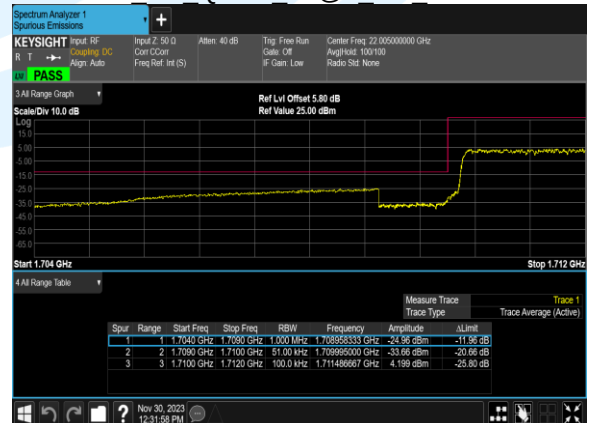
B4 10M 16QAM 50@0 CH 20350



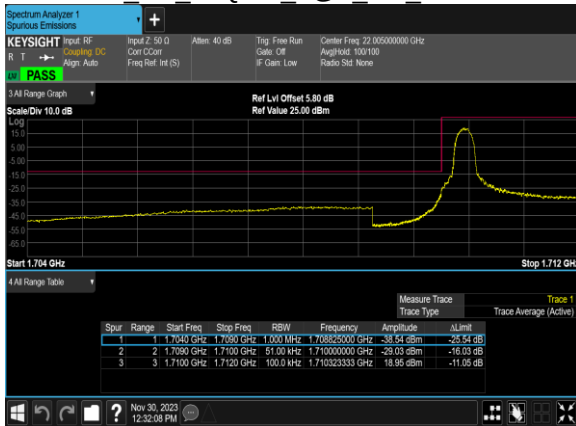
B4 5M QPSK 1@0 CH 19975



B4 5M QPSK 25@0 CH 19975



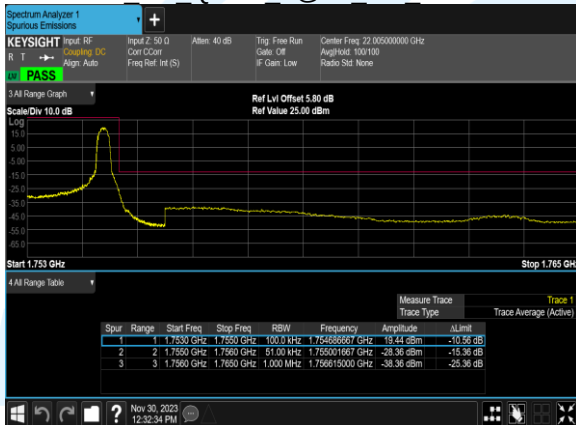
B4 5M 16QAM 1@0 CH 19975



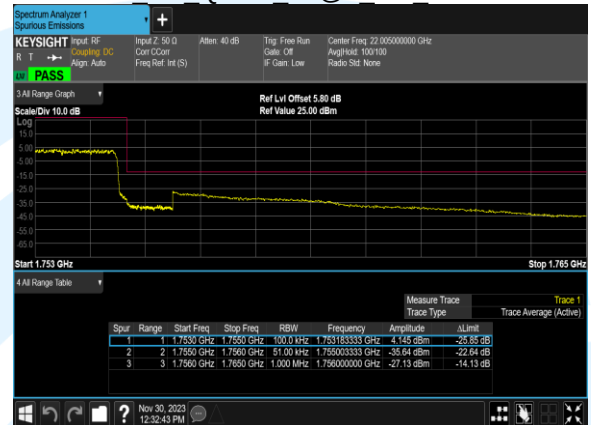
B4 5M 16QAM 25@0 CH 19975



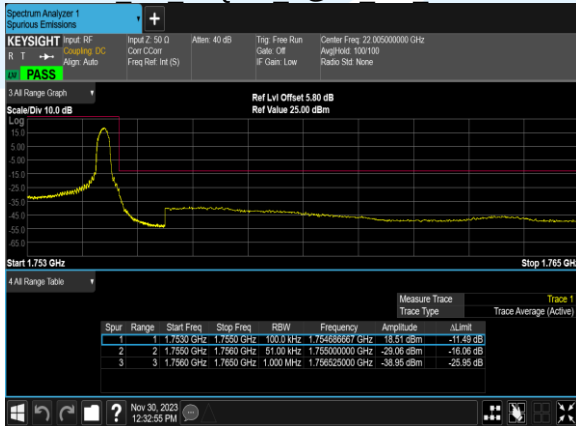
B4 5M QPSK 1@24 CH 20375



B4 5M QPSK 25@0 CH 20375



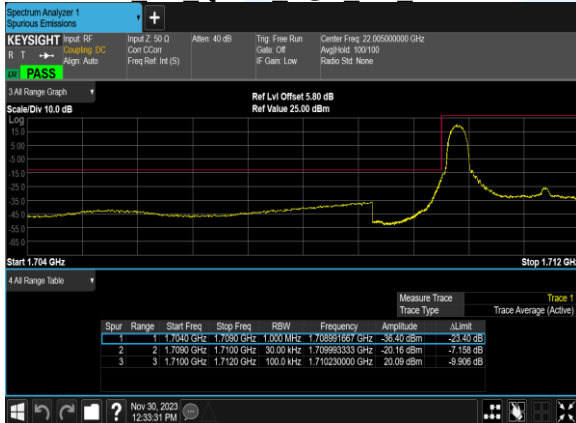
B4 5M 16QAM 1@24 CH 20375



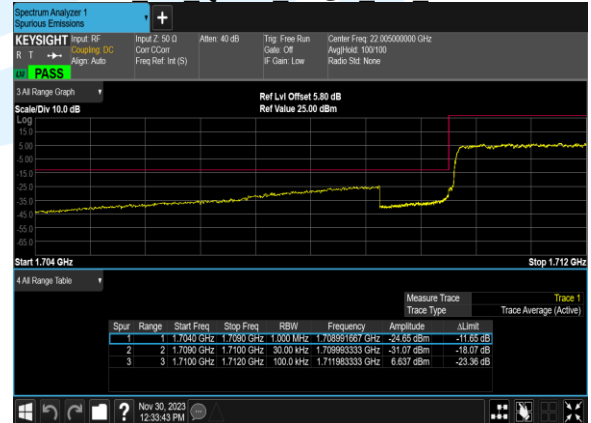
B4 5M 16QAM 25@0 CH 20375



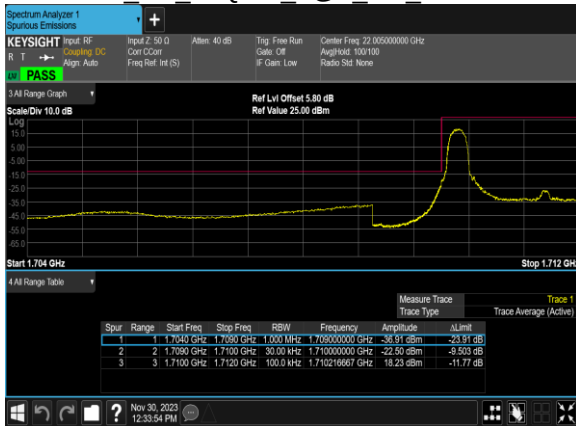
B4 3M QPSK 1@0 CH 19965



B4 3M QPSK 15@0 CH 19965



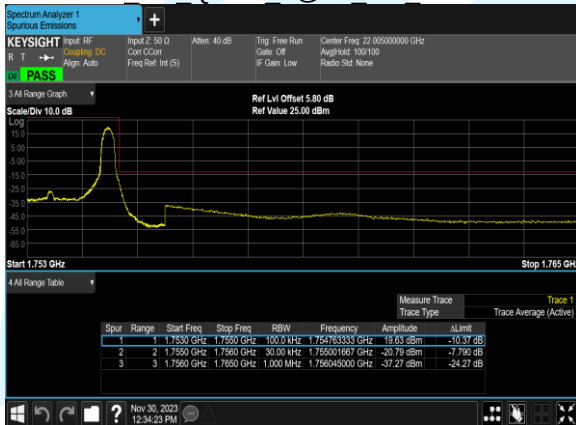
B4 3M 16QAM 1@0 CH 19965



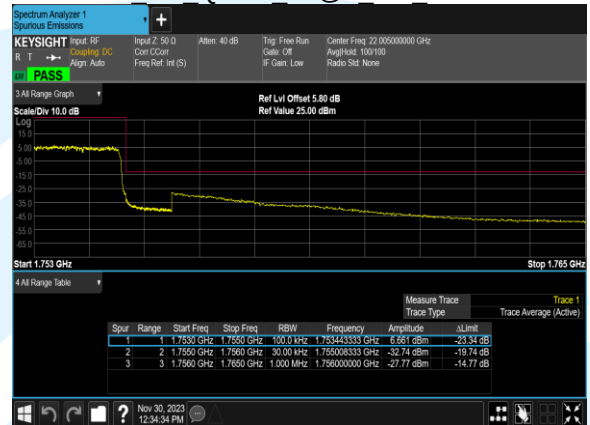
B4 3M 16QAM 15@0 CH 19965



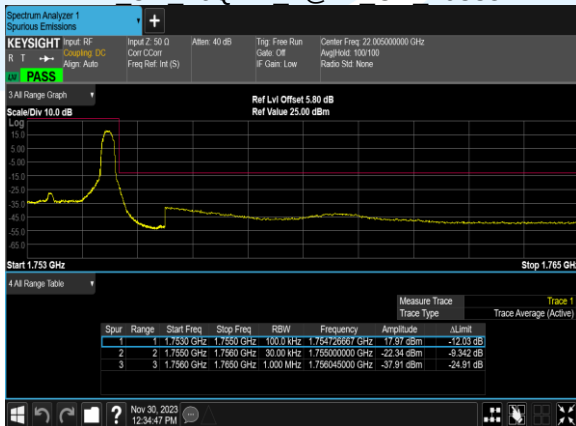
B4 3M QPSK 1@14 CH 20385



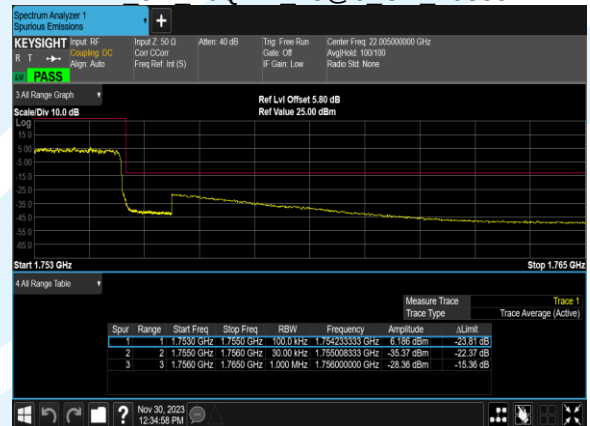
B4 3M QPSK 15@0 CH 20385



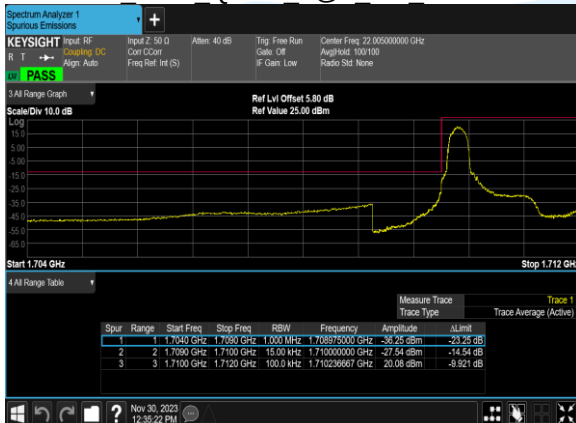
B4 3M 16QAM 1@14 CH 20385



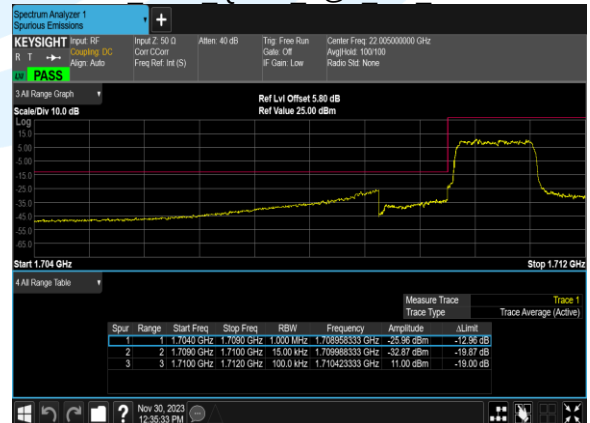
B4 3M 16QAM 15@0 CH 20385



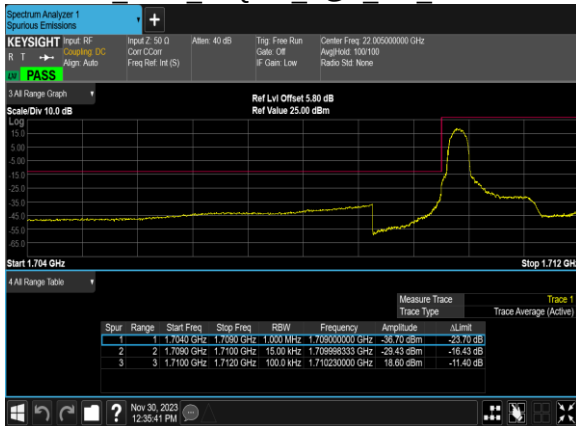
B4 1.4M QPSK 1@0 CH 19957



B4 1.4M QPSK 6@0 CH 19957



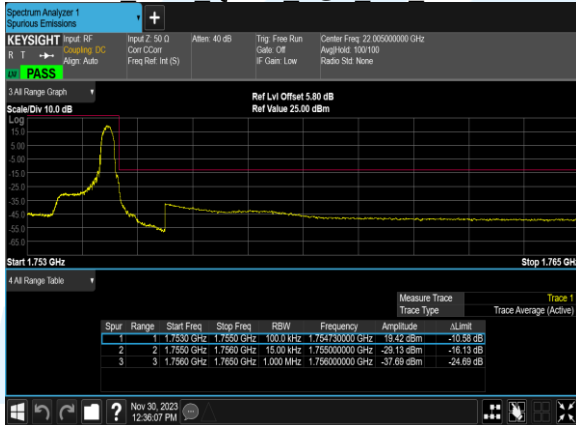
B4 1.4M 16QAM 1@0 CH 19957



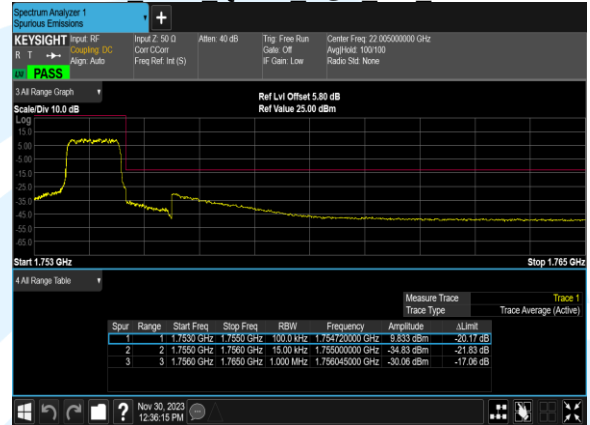
B4 1.4M 16QAM 6@0 CH 19957



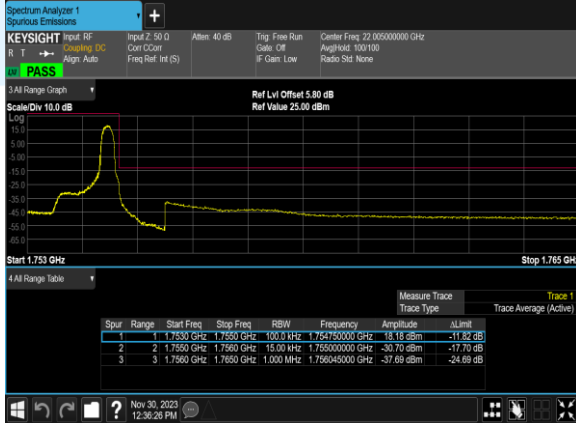
B4 1.4M QPSK 1@5 CH 20393



B4 1.4M QPSK 6@0 CH 20393



B4 1.4M 16QAM 1@5 CH 20393



B4 1.4M 16QAM 6@0 CH 20393



A.3 LTE BAND 5

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5	10.0	20450	829.0	QPSK	50@0	5.46	13	PASS
5	10.0	20450	829.0	16QAM	50@0	6.20	13	PASS
5	10.0	20525	836.5	QPSK	50@0	5.13	13	PASS
5	10.0	20525	836.5	16QAM	50@0	5.97	13	PASS
5	10.0	20600	844.0	QPSK	50@0	5.40	13	PASS
5	10.0	20600	844.0	16QAM	50@0	6.15	13	PASS
5	5.0	20425	826.5	QPSK	25@0	5.28	13	PASS
5	5.0	20425	826.5	16QAM	25@0	5.95	13	PASS
5	5.0	20525	836.5	QPSK	25@0	5.14	13	PASS
5	5.0	20525	836.5	16QAM	25@0	5.85	13	PASS
5	5.0	20625	846.5	QPSK	25@0	5.27	13	PASS
5	5.0	20625	846.5	16QAM	25@0	6.03	13	PASS
5	3.0	20415	825.5	QPSK	15@0	5.07	13	PASS
5	3.0	20415	825.5	16QAM	15@0	5.81	13	PASS
5	3.0	20525	836.5	QPSK	15@0	5.09	13	PASS
5	3.0	20525	836.5	16QAM	15@0	5.88	13	PASS
5	3.0	20635	847.5	QPSK	15@0	4.93	13	PASS
5	3.0	20635	847.5	16QAM	15@0	5.86	13	PASS
5	1.4	20407	824.7	QPSK	6@0	4.85	13	PASS
5	1.4	20407	824.7	16QAM	6@0	5.63	13	PASS
5	1.4	20525	836.5	QPSK	6@0	4.94	13	PASS
5	1.4	20525	836.5	16QAM	6@0	5.70	13	PASS
5	1.4	20643	848.3	QPSK	6@0	4.78	13	PASS
5	1.4	20643	848.3	16QAM	6@0	5.59	13	PASS

Test Graphs

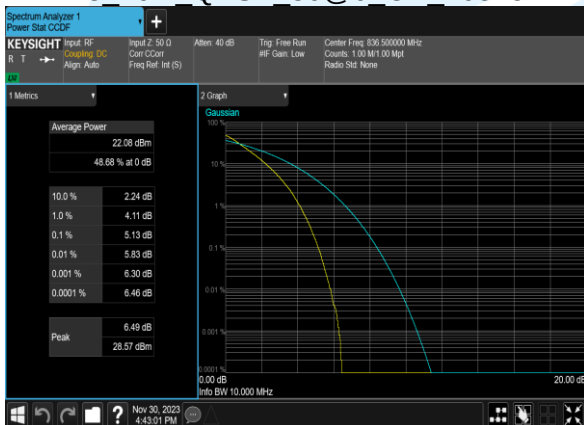
B5 10M QPSK 50@0 CH 20450



B5 10M 16QAM 50@0 CH 20450



B5 10M QPSK 50@0 CH 20525



B5 10M 16QAM 50@0 CH 20525



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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



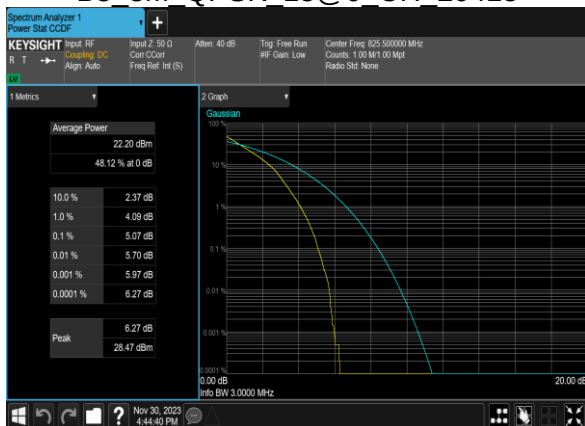
B5 5M QPSK 25@0 CH 20625



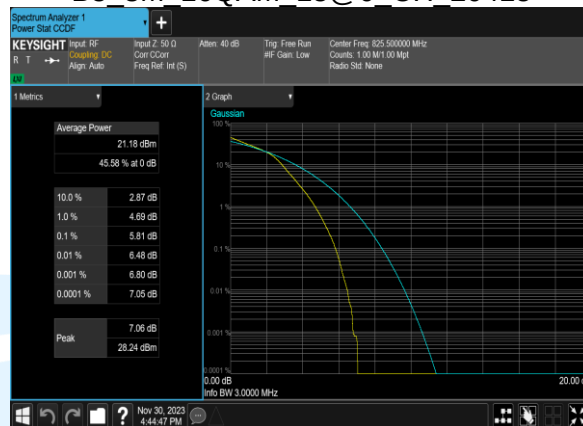
B5 5M 16QAM 25@0 CH 20625



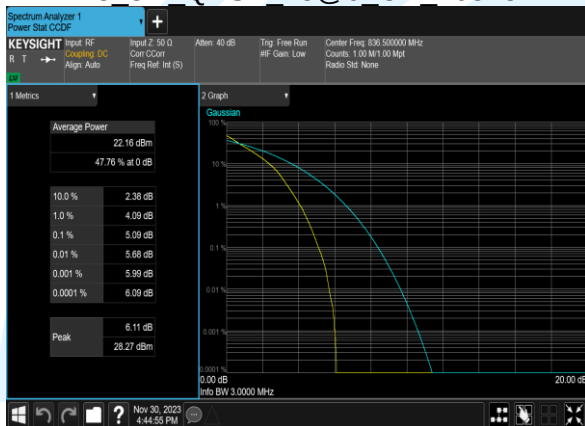
B5_3M_QPSK_15@0_CH_20415



B5_3M_16QAM_15@0_CH_20415



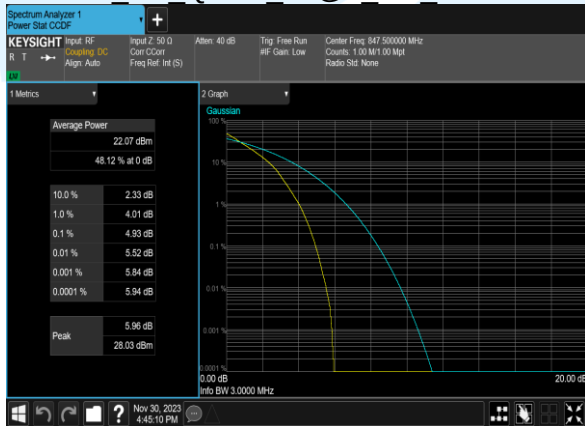
B5_3M_QPSK_15@0_CH_20525



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

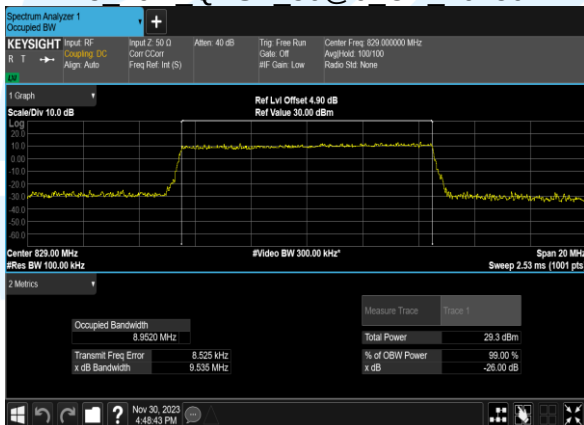


Occupied Bandwidth

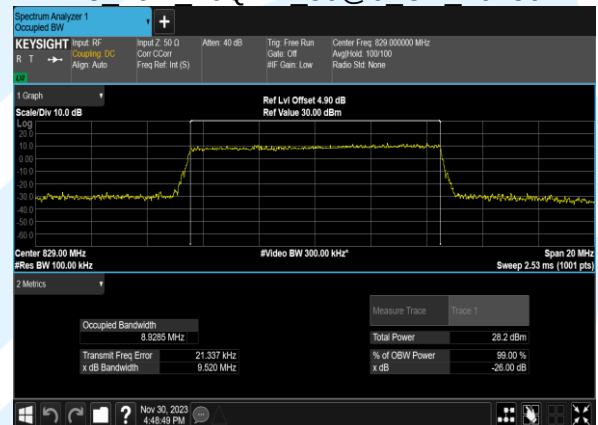
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
5	10.0	20450	829.0	QPSK	50@0	8.9520	9.535
5	10.0	20450	829.0	16QAM	50@0	8.9285	9.520
5	10.0	20525	836.5	QPSK	50@0	8.9030	9.429
5	10.0	20525	836.5	16QAM	50@0	8.9102	9.448
5	10.0	20600	844.0	QPSK	50@0	8.9327	9.437
5	10.0	20600	844.0	16QAM	50@0	8.9334	9.386
5	5.0	20425	826.5	QPSK	25@0	4.4658	4.791
5	5.0	20425	826.5	16QAM	25@0	4.4593	4.823
5	5.0	20525	836.5	QPSK	25@0	4.4544	4.806
5	5.0	20525	836.5	16QAM	25@0	4.4504	4.817
5	5.0	20625	846.5	QPSK	25@0	4.4548	4.779
5	5.0	20625	846.5	16QAM	25@0	4.4460	4.806
5	3.0	20415	825.5	QPSK	15@0	2.6775	2.904
5	3.0	20415	825.5	16QAM	15@0	2.6734	2.869
5	3.0	20525	836.5	QPSK	15@0	2.6733	2.878
5	3.0	20525	836.5	16QAM	15@0	2.6661	2.878
5	3.0	20635	847.5	QPSK	15@0	2.6711	2.850
5	3.0	20635	847.5	16QAM	15@0	2.6611	2.844
5	1.4	20407	824.7	QPSK	6@0	1.0797	1.229
5	1.4	20407	824.7	16QAM	6@0	1.0797	1.236
5	1.4	20525	836.5	QPSK	6@0	1.0771	1.241
5	1.4	20525	836.5	16QAM	6@0	1.0779	1.239
5	1.4	20643	848.3	QPSK	6@0	1.0783	1.244
5	1.4	20643	848.3	16QAM	6@0	1.0739	1.204

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



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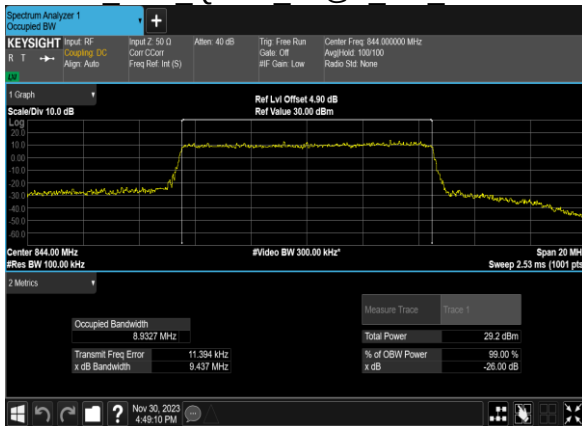
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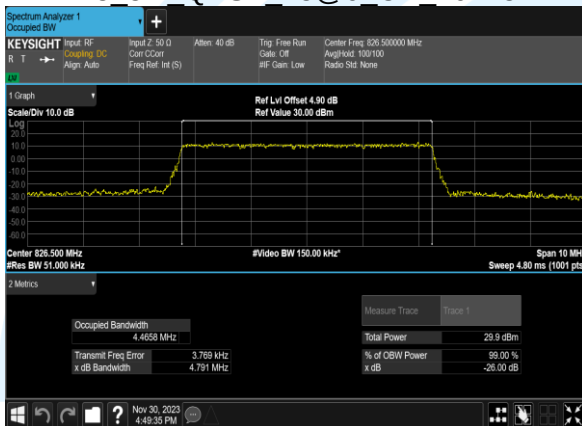
B5 10M QPSK 50@0 CH 20600



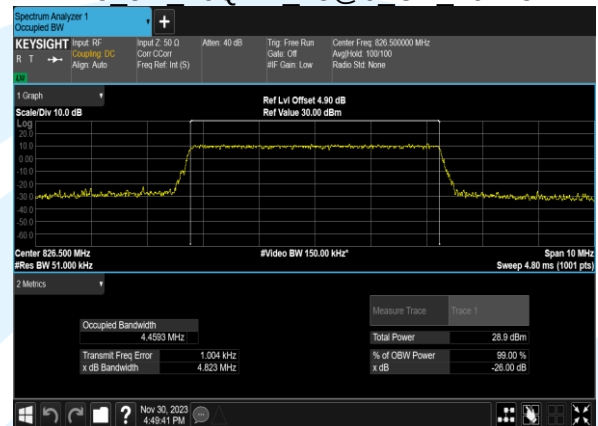
B5 10M 16QAM 50@0 CH 20600



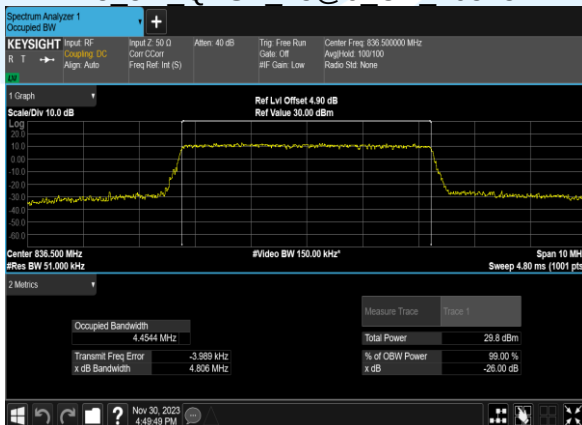
B5 5M QPSK 25@0 CH 20425



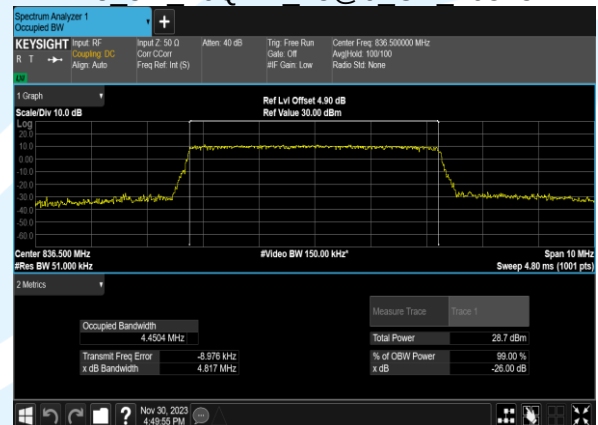
B5 5M 16QAM 25@0 CH 20425



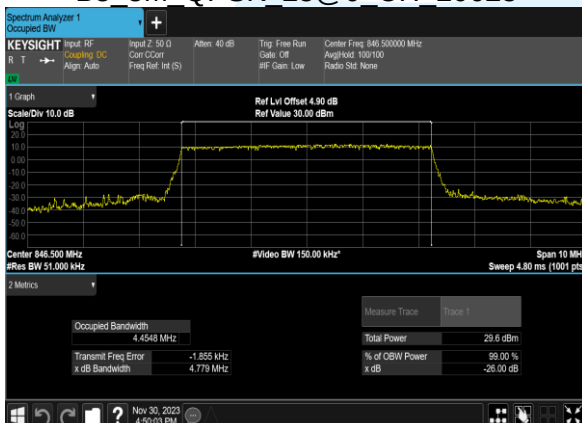
B5 5M QPSK 25@0 CH 20525



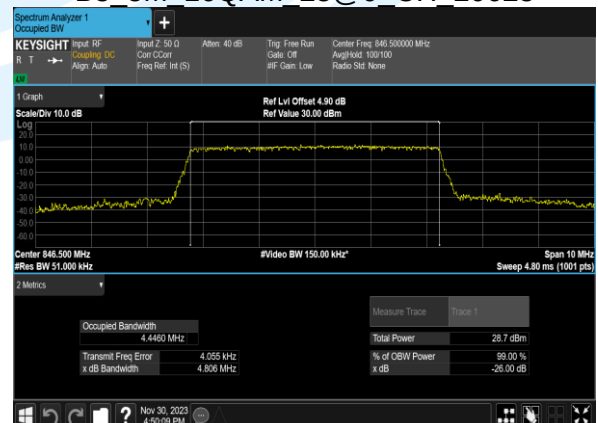
B5 5M 16QAM 25@0 CH 20525



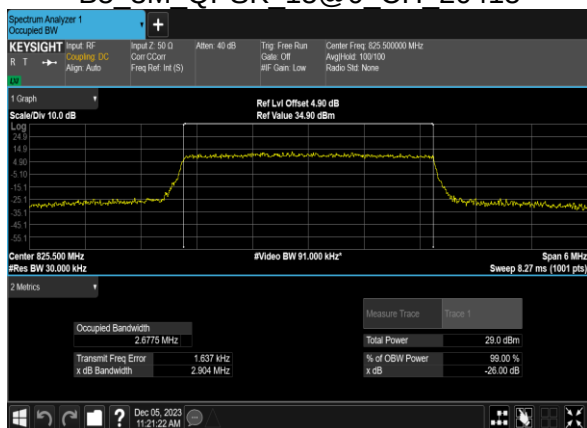
B5 5M QPSK 25@0 CH 20625



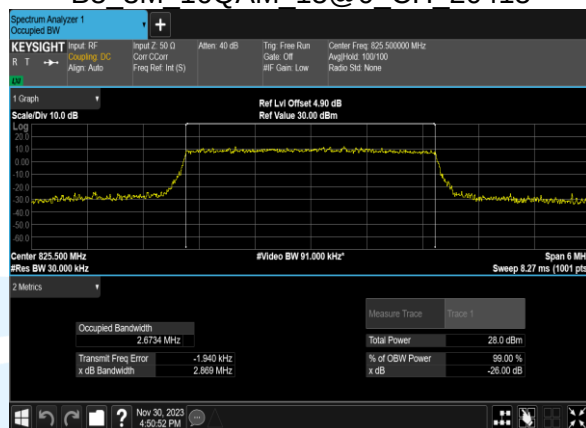
B5 5M 16QAM 25@0 CH 20625



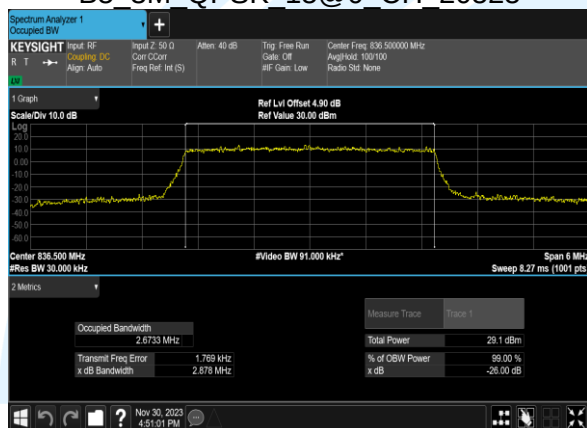
B5 3M QPSK 15@0 CH 20415



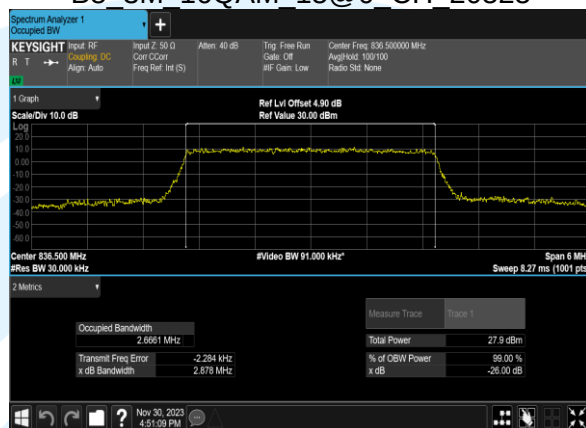
B5 3M 16QAM 15@0 CH 20415



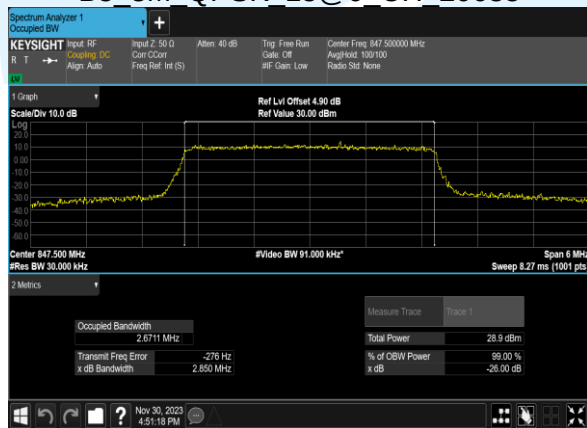
B5 3M QPSK 15@0 CH 20525



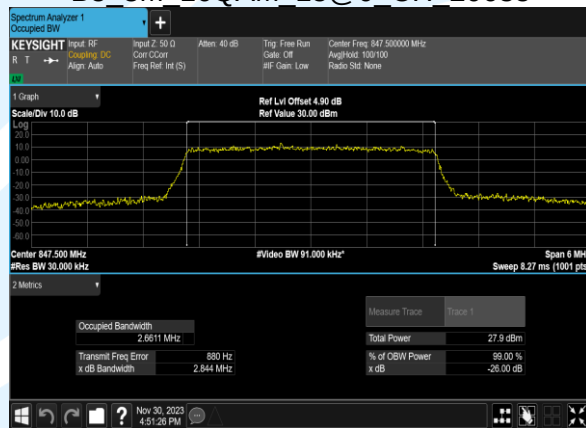
B5 3M 16QAM 15@0 CH 20525



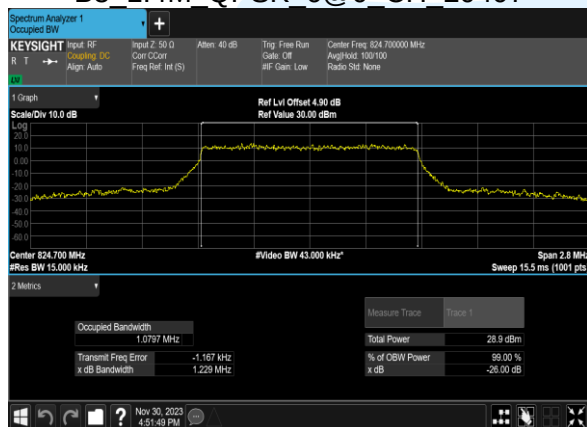
B5 3M QPSK 15@0 CH 20635



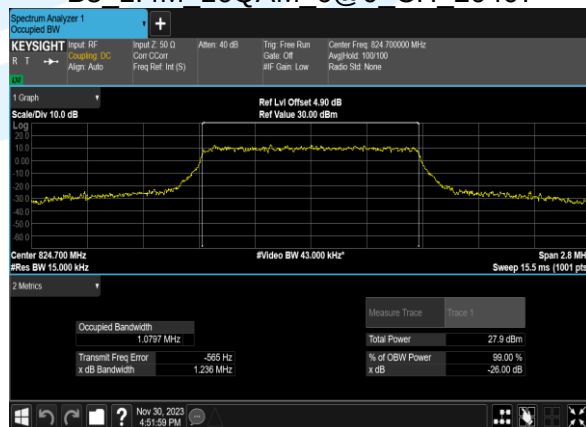
B5 3M 16QAM 15@0 CH 20635



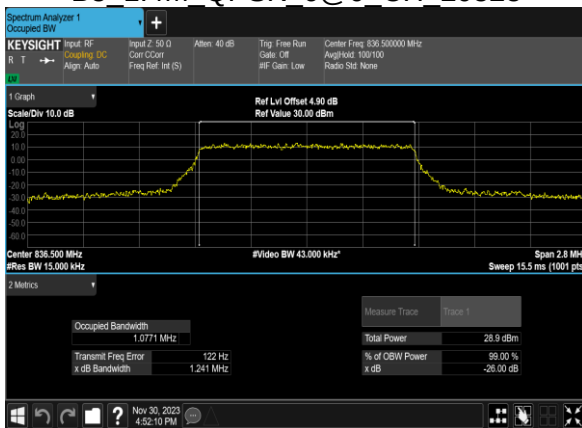
B5 1.4M QPSK 6@0 CH 20407



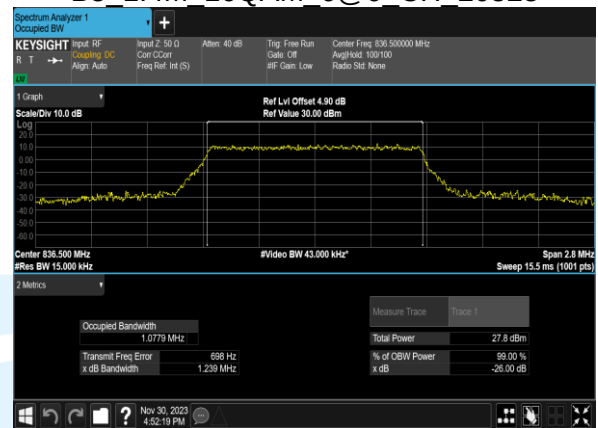
B5 1.4M 16QAM 6@0 CH 20407



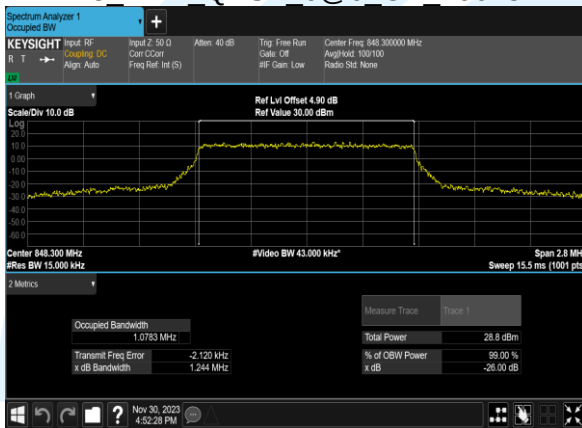
B5 1.4M QPSK 6@0 CH 20525



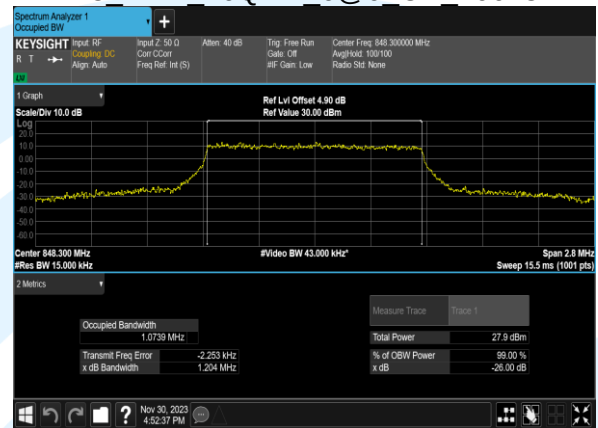
B5 1.4M 16QAM 6@0 CH 20525



B5 1.4M QPSK 6@0 CH 20643



B5 1.4M 16QAM 6@0 CH 20643



Conducted Spurious Emissions

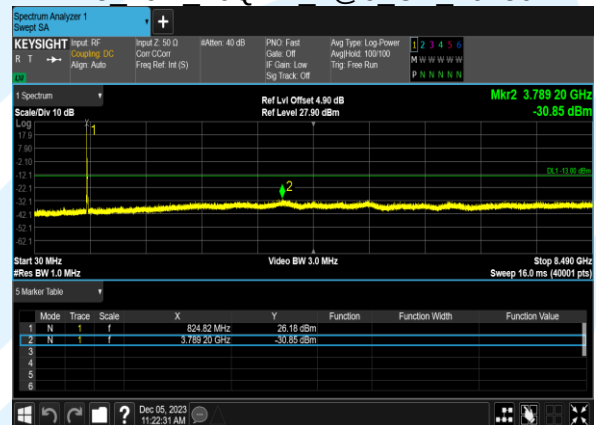
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
5	10.0	20450	829.0	QPSK	1@0	-30.73	-13	PASS
5	10.0	20450	829.0	16QAM	1@0	-30.85	-13	PASS
5	10.0	20525	836.5	QPSK	1@0	-30.54	-13	PASS
5	10.0	20525	836.5	16QAM	1@0	-30.84	-13	PASS
5	10.0	20600	844.0	QPSK	1@0	-30.78	-13	PASS
5	10.0	20600	844.0	16QAM	1@0	-30.74	-13	PASS
5	5.0	20425	826.5	QPSK	1@0	-30.73	-13	PASS
5	5.0	20425	826.5	16QAM	1@0	-31.29	-13	PASS
5	5.0	20525	836.5	QPSK	1@0	-30.11	-13	PASS
5	5.0	20525	836.5	16QAM	1@0	-29.77	-13	PASS
5	5.0	20625	846.5	QPSK	1@0	-31.48	-13	PASS
5	5.0	20625	846.5	16QAM	1@0	-31.14	-13	PASS
5	3.0	20415	825.5	QPSK	1@0	-30.29	-13	PASS
5	3.0	20415	825.5	16QAM	1@0	-30.76	-13	PASS
5	3.0	20525	836.5	QPSK	1@0	-31.0	-13	PASS
5	3.0	20525	836.5	16QAM	1@0	-31.34	-13	PASS
5	3.0	20635	847.5	QPSK	1@0	-31.19	-13	PASS
5	3.0	20635	847.5	16QAM	1@0	-30.6	-13	PASS
5	1.4	20407	824.7	QPSK	1@0	-30.32	-13	PASS
5	1.4	20407	824.7	16QAM	1@0	-31.05	-13	PASS
5	1.4	20525	836.5	QPSK	1@0	-30.73	-13	PASS
5	1.4	20525	836.5	16QAM	1@0	-31.37	-13	PASS
5	1.4	20643	848.3	QPSK	1@0	-30.68	-13	PASS
5	1.4	20643	848.3	16QAM	1@0	-30.92	-13	PASS

Test Graphs

B5_10M_QPSK_1@0_CH_20450



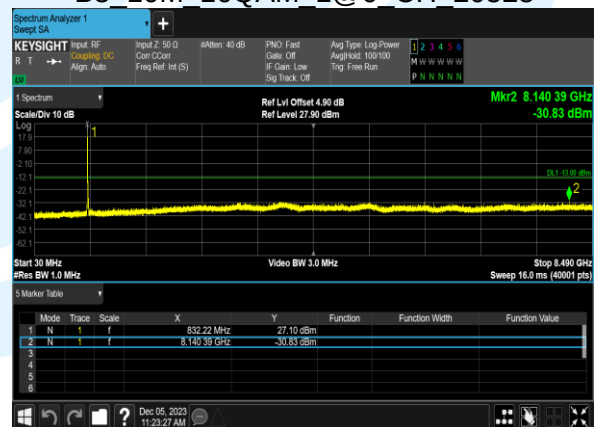
B5_10M_16QAM_1@0_CH_20450



B5_10M_QPSK_1@0_CH_20525



B5_10M_16QAM_1@0_CH_20525



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