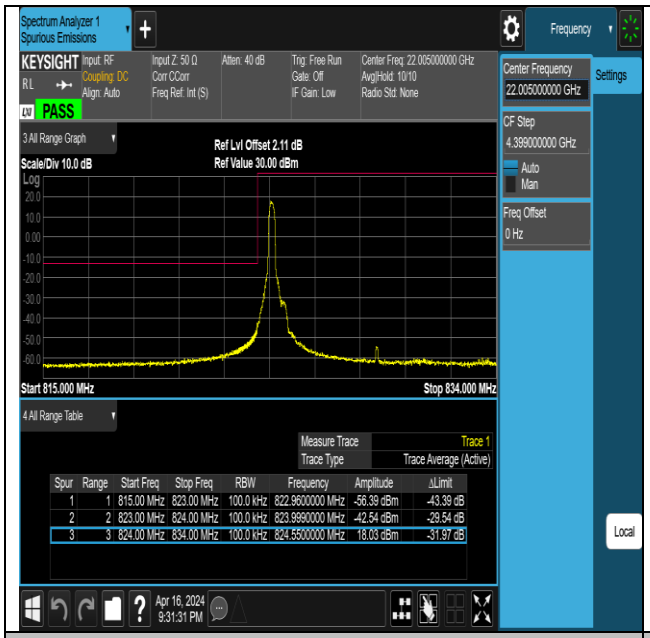
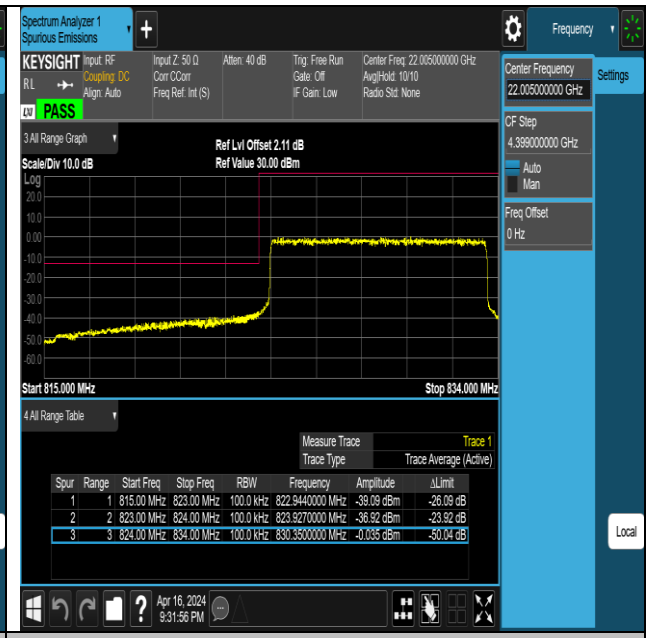
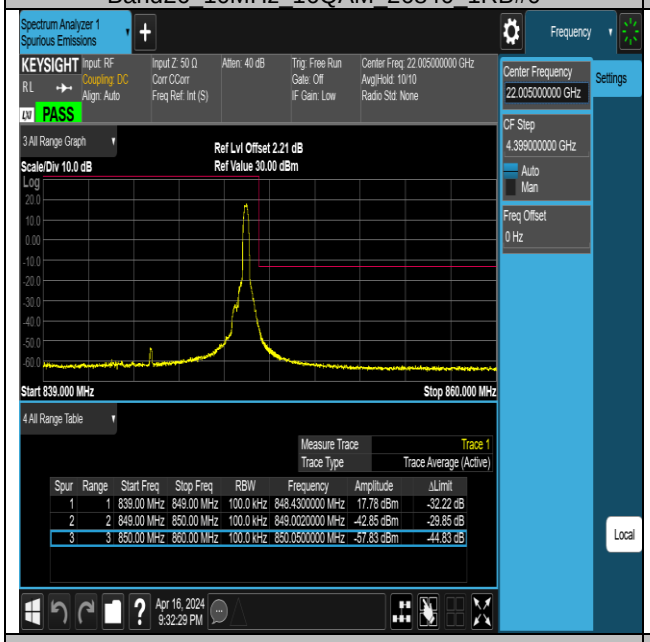


Band26_10MHz_16QAM_26840_1RB#0

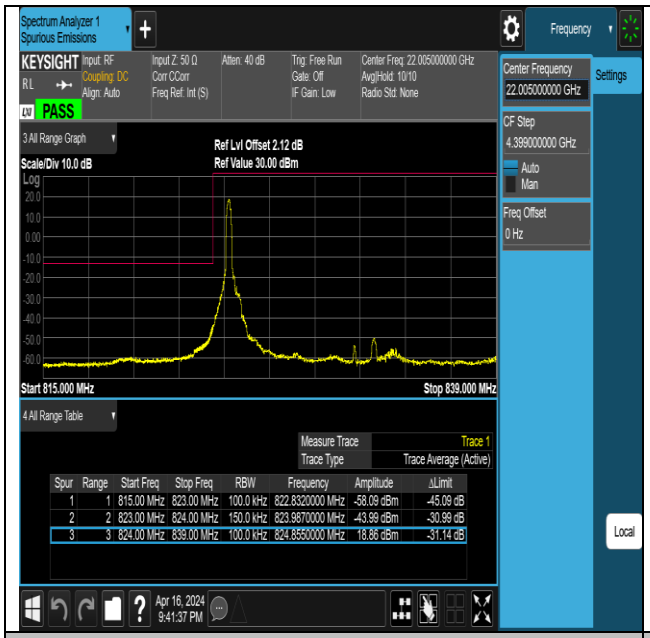


Band26_10MHz_16QAM_26840_50RB#0



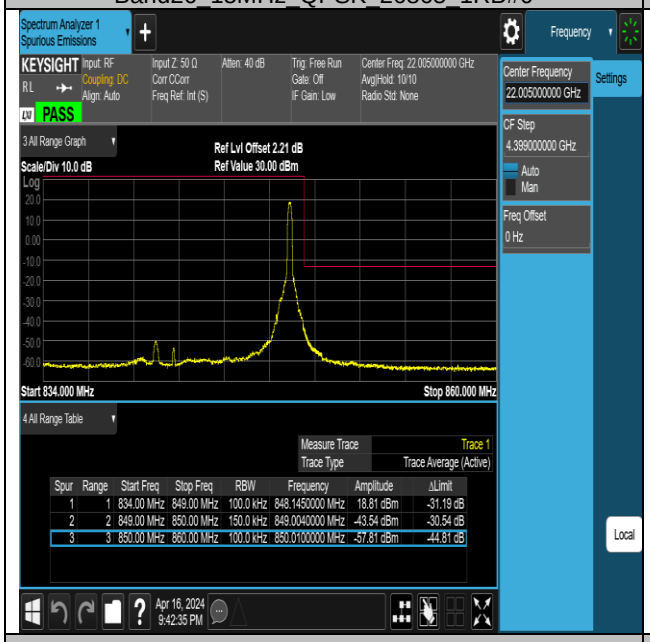
Band26_10MHz_16QAM_26990_1RB#49

Band26_10MHz_16QAM_26990_50RB#0



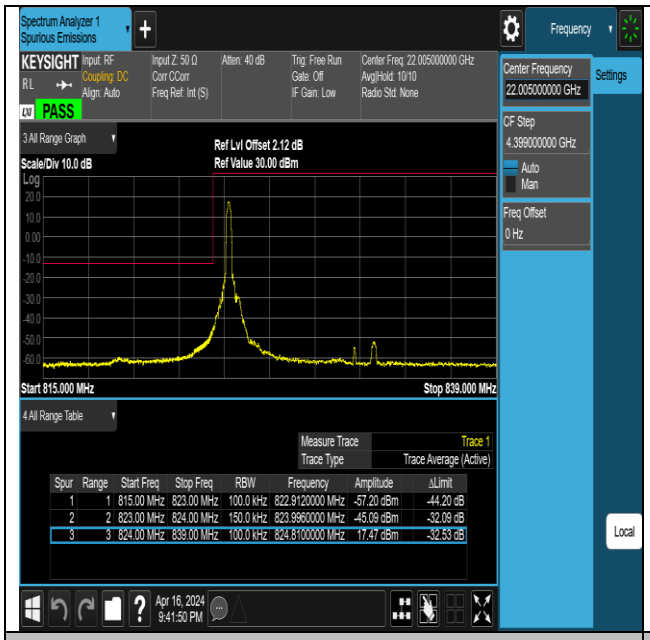
Band26_15MHz_QPSK_26865_1RB#0

Band26_15MHz_QPSK_26865_75RB#0

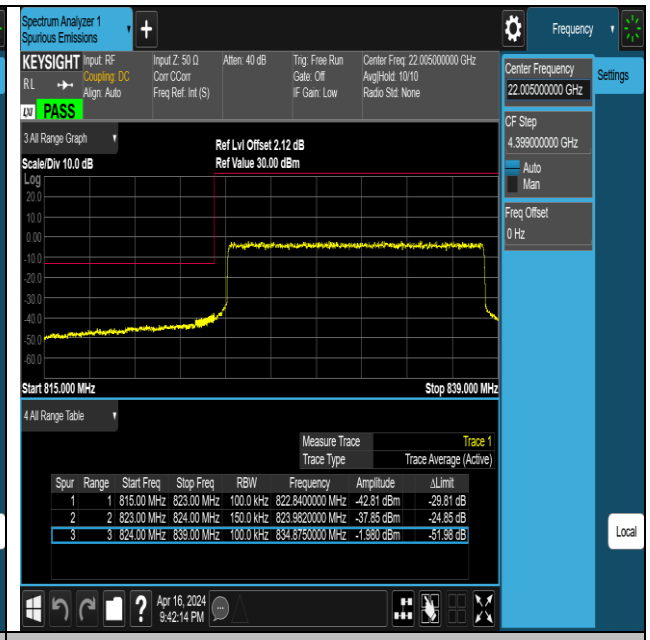


Band26_15MHz_QPSK_26965_1RB#74

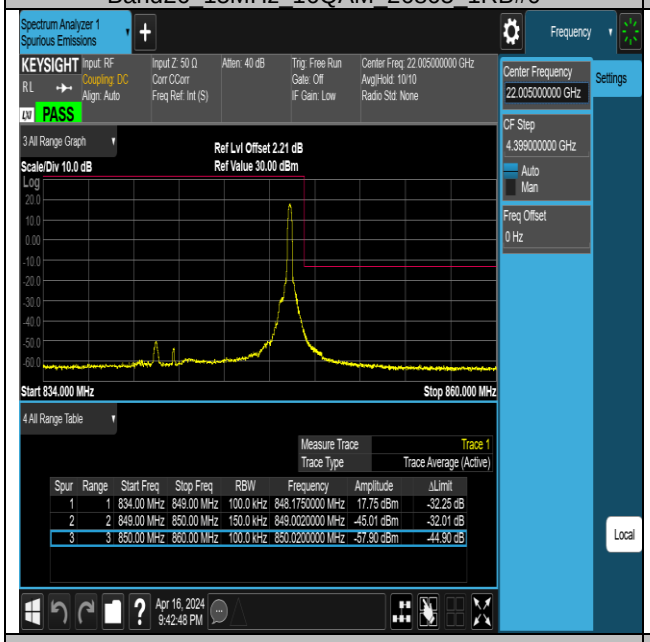
Band26_15MHz_QPSK_26965_75RB#0



Band26_15MHz_16QAM_26865_1RB#0



Band26_15MHz_16QAM_26865_75RB#0



Band26_15MHz_16QAM_26965_1RB#74

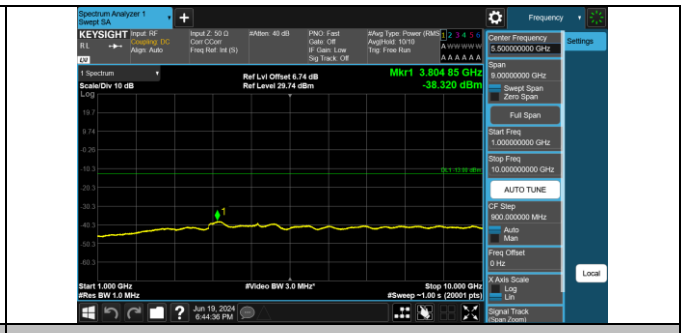
Band26_15MHz_16QAM_26965_75RB#0

CONDUCTED SPURIOUS EMISSION
TEST RESULT

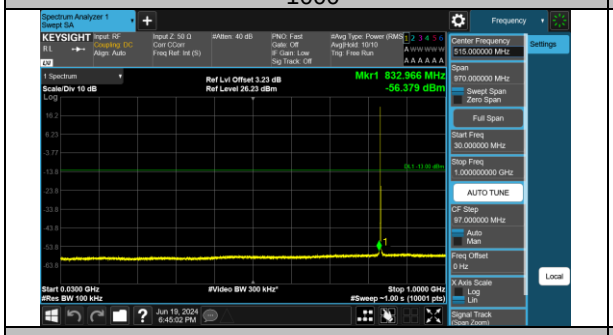
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
26(824-849)	1.4MHz	QPSK	26797	1RB#0	30~1000	-56.71	PASS
26(824-849)	1.4MHz	QPSK	26797	1RB#0	1000~10000	-38.32	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	30~1000	-56.38	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	1000~10000	-38.34	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	30~1000	-56.14	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	1000~10000	-38.36	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	30~1000	-57.52	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	1000~10000	-38.28	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	30~1000	-57.29	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	1000~10000	-38.23	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	30~1000	-57.17	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	1000~10000	-38.23	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	30~1000	-57.35	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	1000~10000	-38.28	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	30~1000	-57.46	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	1000~10000	-38.26	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	30~1000	-57.40	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	1000~10000	-38.31	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	30~1000	-57.44	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	1000~10000	-38.30	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	30~1000	-57.12	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	1000~10000	-38.35	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	30~1000	-57.36	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	1000~10000	-38.21	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	30~1000	-57.54	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	1000~10000	-38.30	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	30~1000	-57.53	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	1000~10000	-38.25	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	30~1000	-57.39	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	1000~10000	-38.37	PASS

TEST GRAPHS

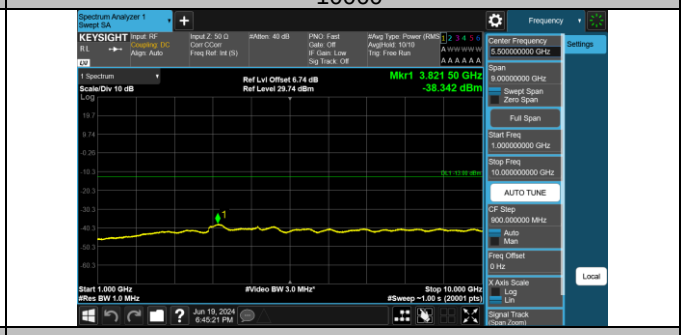
Band26_1.4MHz_QPSK_26797_1RB#0_30~1000_30~1000



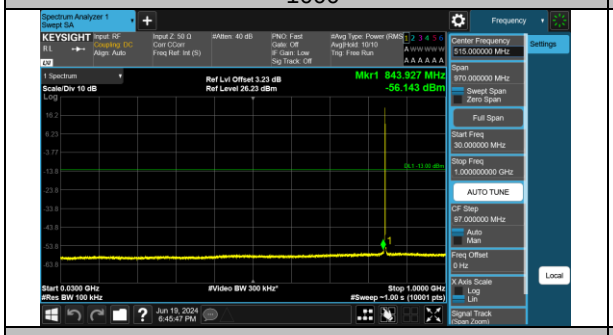
Band26_1.4MHz_QPSK_26797_1RB#0_1000~10000_1000~10000



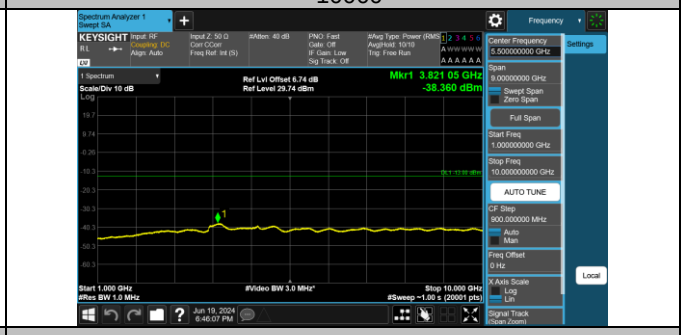
Band26_1.4MHz_QPSK_26915_1RB#0_30~1000_30~1000



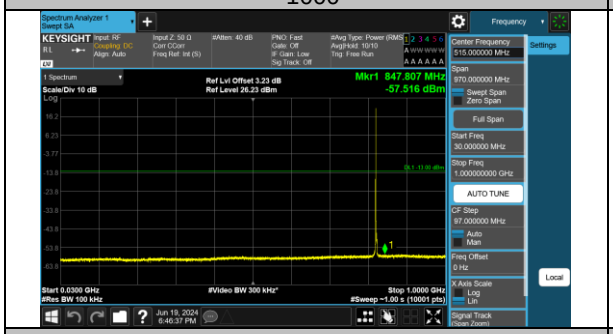
Band26_1.4MHz_QPSK_26915_1RB#0_1000~10000_1000~10000



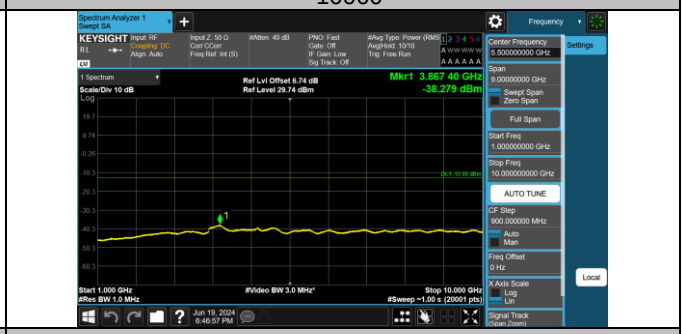
Band26_1.4MHz_QPSK_27033_1RB#0_30~1000_30~1000



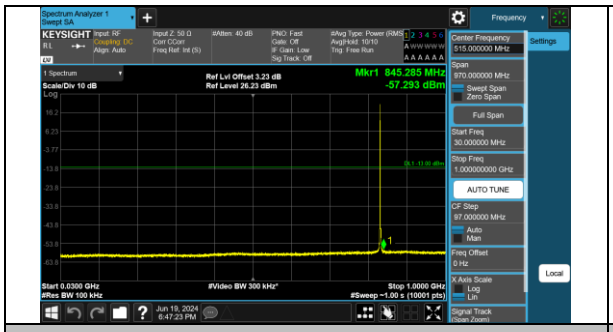
Band26_1.4MHz_QPSK_27033_1RB#0_1000~10000_1000~10000



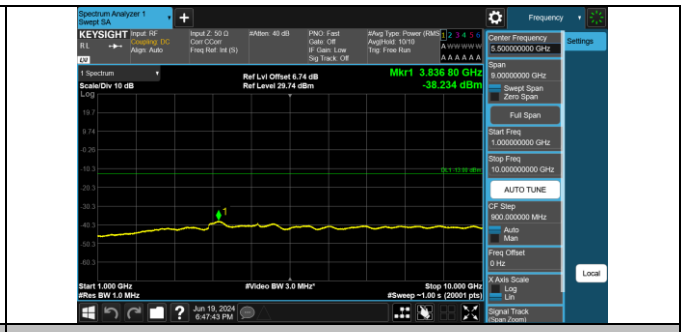
Band26_3MHz_QPSK_26805_1RB#0_30~1000_30~1000



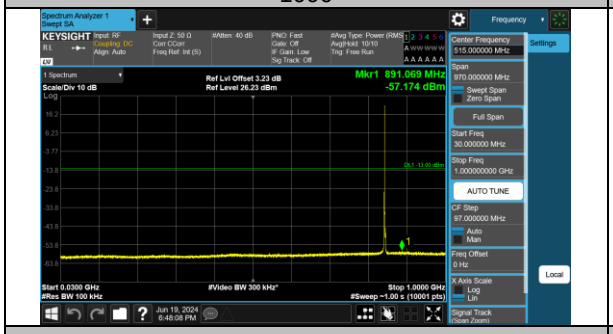
Band26_3MHz_QPSK_26805_1RB#0_1000~10000_1000~10000



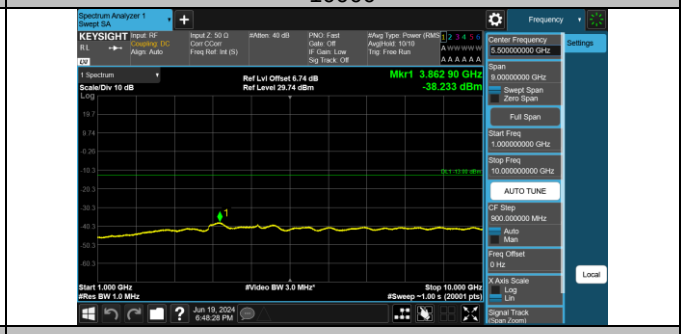
Band26_3MHz_QPSK_26915_1RB#0_30~1000_30~1000



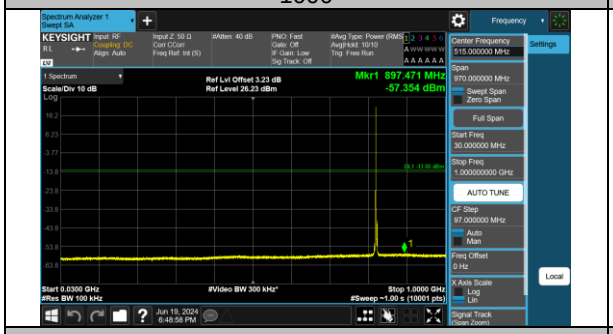
Band26_3MHz_QPSK_26915_1RB#0_1000~10000_1000~10000



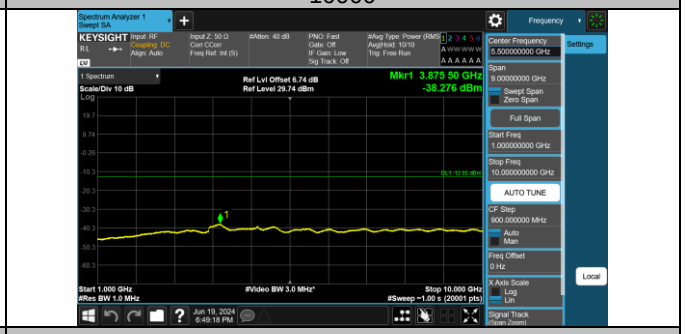
Band26_3MHz_QPSK_27025_1RB#0_30~1000_30~1000



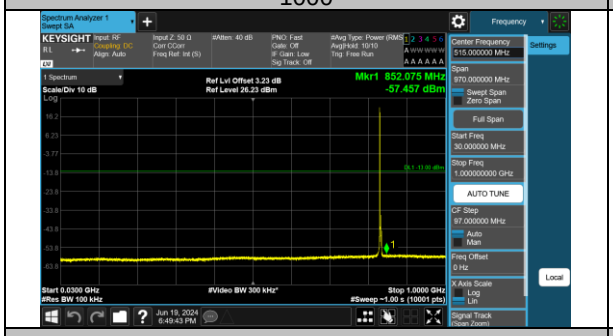
Band26_3MHz_QPSK_27025_1RB#0_1000~10000_1000~10000



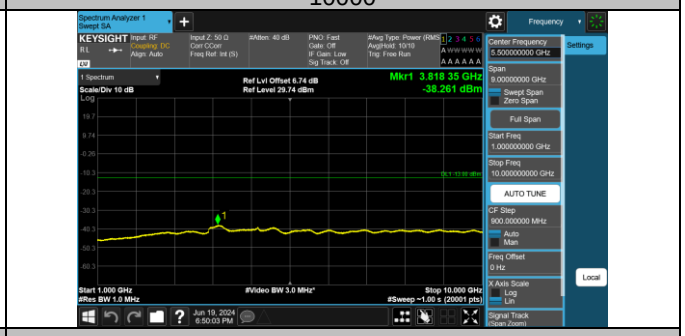
Band26_5MHz_QPSK_26815_1RB#0_30~1000_30~1000



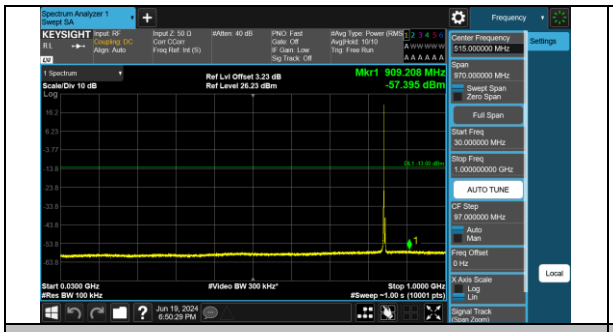
Band26_5MHz_QPSK_26815_1RB#0_1000~10000_1000~10000



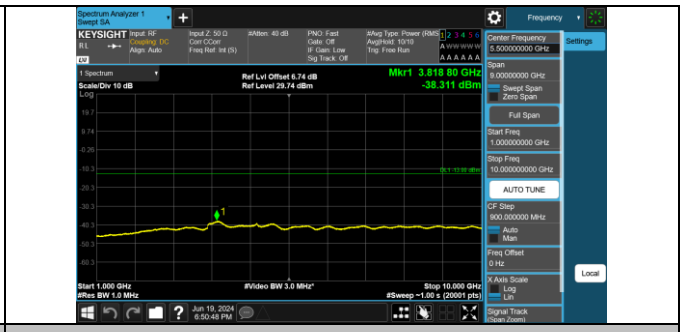
Band26_5MHz_QPSK_26915_1RB#0_30~1000_30~1000



Band26_5MHz_QPSK_26915_1RB#0_1000~10000_1000~10000

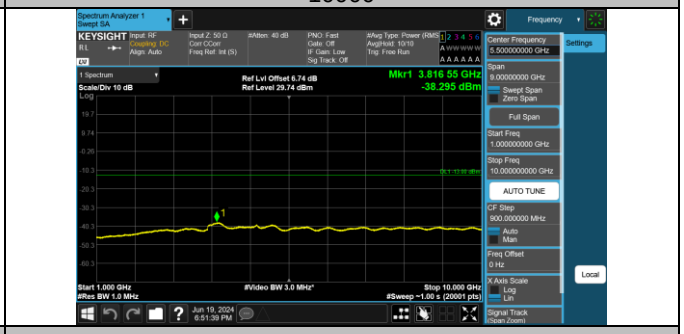


Band26_5MHz_QPSK_27015_1RB#0_30~1000_30~1000

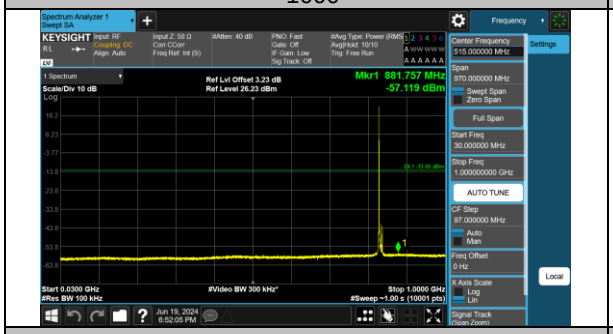


Band26_5MHz_QPSK_27015_1RB#0_1000~10000_1000~10000

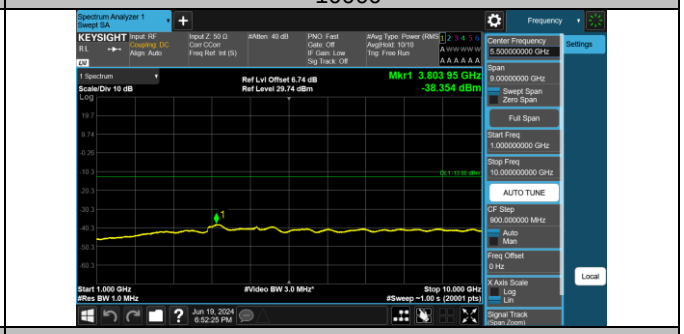
Band26_10MHz_QPSK_26840_1RB#0_30~1000_30~1000



Band26_10MHz_QPSK_26840_1RB#0_1000~10000_1000~10000

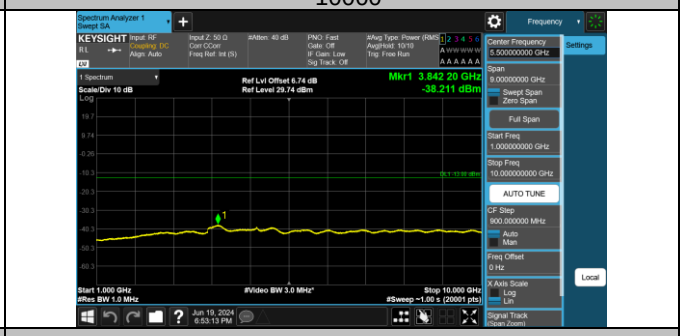


Band26_10MHz_QPSK_26915_1RB#0_30~1000_30~1000

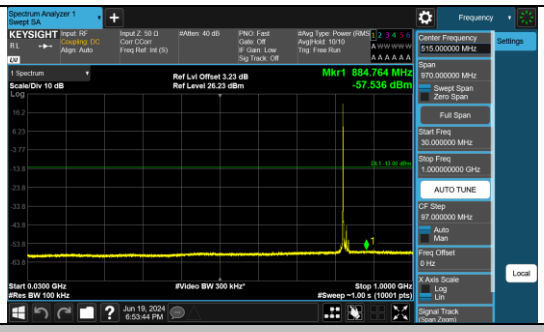


Band26_10MHz_QPSK_26915_1RB#0_1000~10000_1000~10000

Band26_10MHz_QPSK_26990_1RB#0_30~1000_30~1000

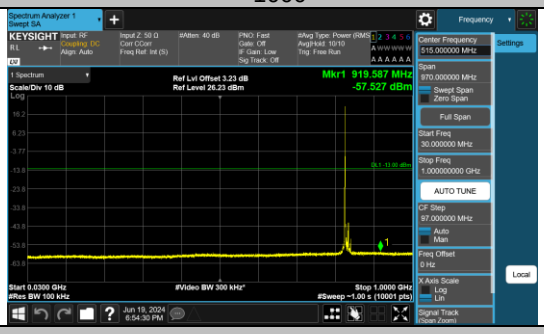


Band26_10MHz_QPSK_26990_1RB#0_1000~10000_1000~10000

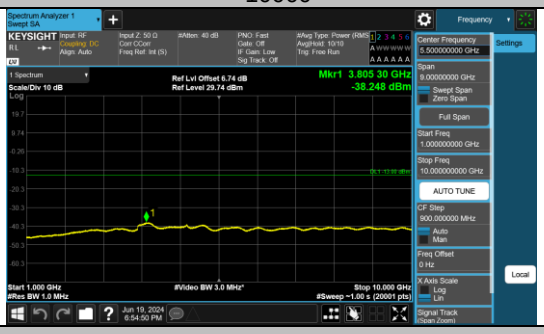


Band26_15MHz_QPSK_26865_1RB#0_30~1000_30~1000

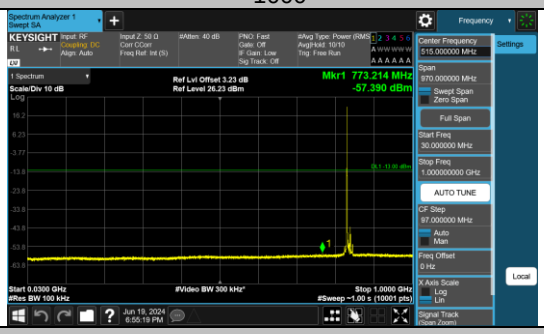
Band26_15MHz_QPSK_26865_1RB#0_1000~10000_1000~10000



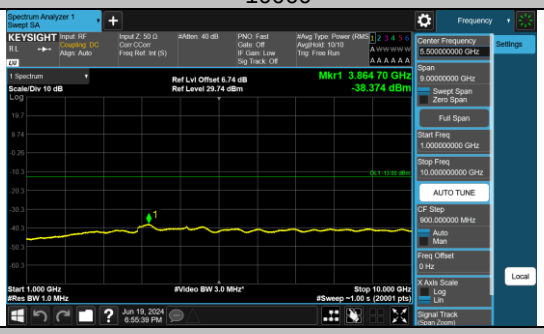
Band26_15MHz_QPSK_26915_1RB#0_30~1000_30~1000



Band26_15MHz_QPSK_26915_1RB#0_1000~10000_1000~10000



Band26_15MHz_QPSK_26965_1RB#0_30~1000_30~1000



Band26_15MHz_QPSK_26965_1RB#0_1000~10000_1000~10000

FREQUENCY STABILITY
TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
26(824-849)	15MHz	QPSK	26865	75RB #0	VN	NT	962.02	1.16	824.783	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	VL	NT	899.69	1.08	824.78082	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	VH	NT	918.15	1.10	824.78346	--	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	VN	NT	931.86	1.11	--	848.17146	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	VL	NT	910.09	1.09	--	848.17871	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	VH	NT	828.27	0.99	--	848.17428	824-849	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	-30	881.12	1.06	824.78532	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	-20	787.12	0.95	824.78073	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	-10	740.05	0.89	824.78446	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	0	628.87	0.76	824.78641	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	10	647.54	0.78	824.7872	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	20	660.88	0.80	824.77922	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	30	659.62	0.79	824.7822	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	40	516.05	0.62	824.78335	--	824-849	PASS
26(824-849)	15MHz	QPSK	26865	75RB #0	NV	50	481.85	0.58	824.78432	--	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	-30	900.49	1.07	--	848.1774	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	-20	638.14	0.76	--	848.17342	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	-10	557.08	0.66	--	848.17521	824-849	PASS
26(82	15MH	QPSK	26965	75RB	NV	0	486.2	0.58	--	848.1	824-8	PASS

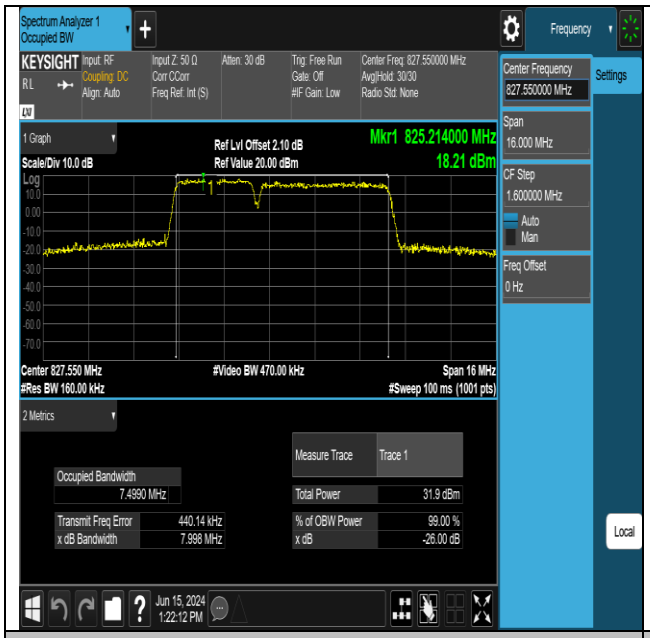
4-849)	z			#0			8			7044	49	
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	10	402.17	0.48	--	848.17469	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	20	405.34	0.48	--	848.17586	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	30	168.67	0.20	--	848.17324	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	40	-18.62	-0.02	--	848.17509	824-849	PASS
26(824-849)	15MHz	QPSK	26965	75RB #0	NV	50	-154.90	-0.18	--	848.17462	824-849	PASS

LTE BAND 5B

26DB BANDWIDTH AND OCCUPIED BANDWIDTH
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
5-5	3MHz-5MHz	QPSK-QPSK	20416-20455	15RB#0-25RB#0	7.4990	7.998	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-20540	15RB#0-25RB#0	7.4921	8.015	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-20625	15RB#0-25RB#0	7.4818	7.962	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20416-20455	15RB#0-25RB#0	7.4801	8.014	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20501-20540	15RB#0-25RB#0	7.4983	8.009	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20586-20625	15RB#0-25RB#0	7.4745	7.970	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-20464	25RB#0-15RB#0	7.4836	8.003	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-20549	25RB#0-15RB#0	7.4761	7.981	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-20634	25RB#0-15RB#0	7.4993	8.046	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20425-20464	25RB#0-15RB#0	7.4731	7.939	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20510-20549	25RB#0-15RB#0	7.4755	8.016	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20595-20634	25RB#0-15RB#0	7.4745	7.988	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20428-20500	25RB#0-50RB#0	13.904	14.79	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20478-20550	25RB#0-50RB#0	13.891	14.79	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20528-20600	25RB#0-50RB#0	13.917	14.77	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20428-20500	25RB#0-50RB#0	13.881	14.74	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20478-20550	25RB#0-50RB#0	13.899	14.90	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20528-20600	25RB#0-50RB#0	13.878	14.74	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20450-20522	50RB#0-25RB#0	13.906	14.76	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20500-20572	50RB#0-25RB#0	13.908	14.77	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20550-20622	50RB#0-25RB#0	13.924	14.77	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20450-20522	50RB#0-25RB#0	13.893	14.78	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20500-20572	50RB#0-25RB#0	13.903	14.78	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20550-20622	50RB#0-25RB#0	13.919	14.78	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20450-20549	50RB#0-50RB#0	18.800	20.02	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	18.758	19.97	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20501-20600	50RB#0-50RB#0	18.802	19.91	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20450-20549	50RB#0-50RB#0	18.804	20.01	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	18.776	20.03	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20501-20600	50RB#0-50RB#0	18.782	19.99	PASS

TEST GRAPHS

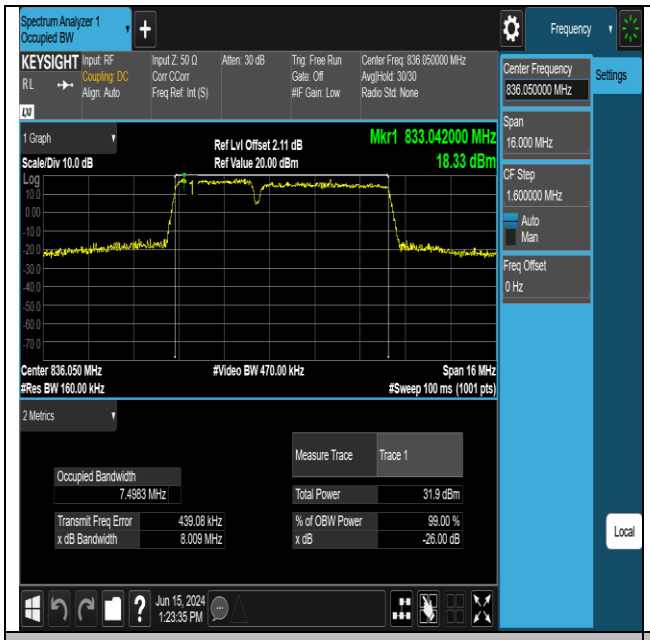


5-5-3MHz-5MHz-QPSK-QPSK-20416-20455-15RB#0-25RB#0-PASS

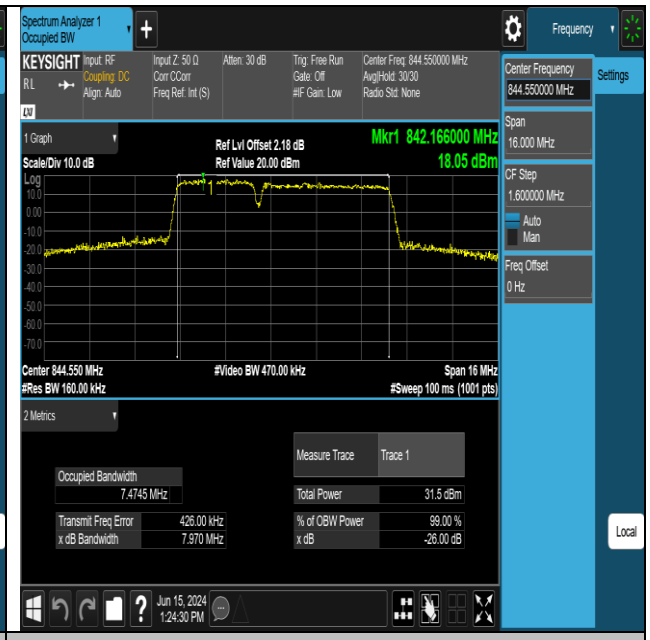
5-5-3MHz-5MHz-QPSK-QPSK-20501-20540-15RB#0-25RB#0-PASS

5-5-3MHz-5MHz-QPSK-QPSK-20586-20625-15RB#0-25RB#0-PASS

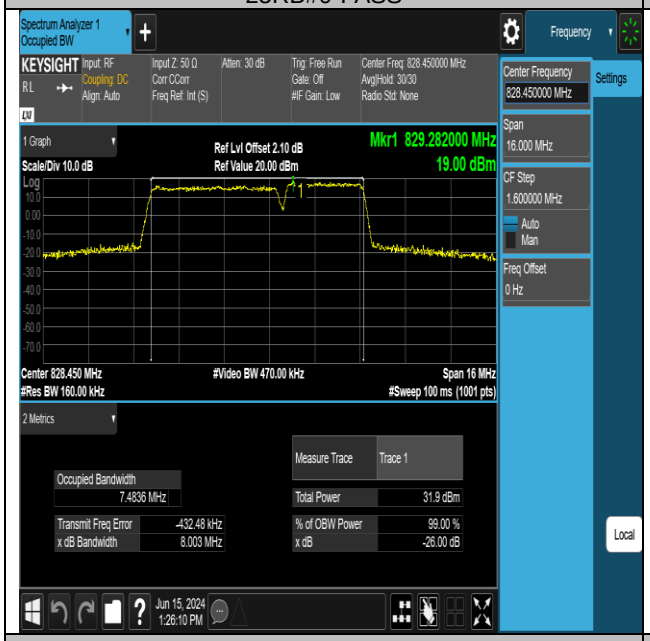
5-5-3MHz-5MHz-16QAM-16QAM-20416-20455-15RB#0-25RB#0-PASS



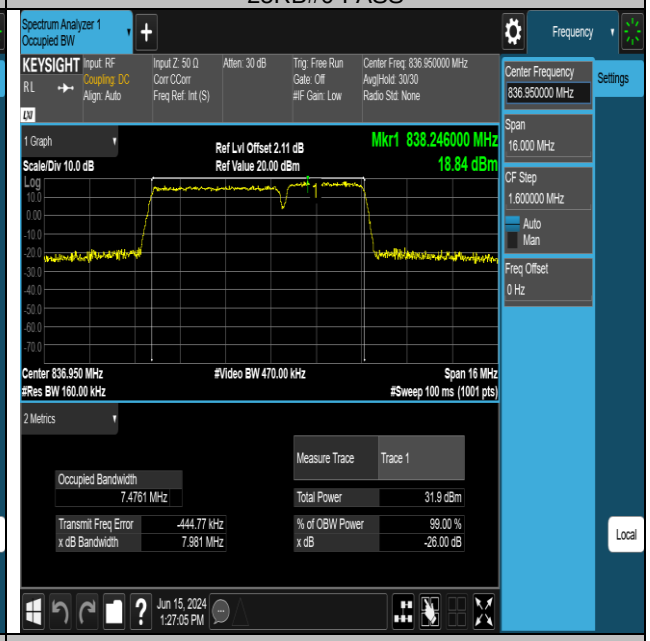
5-5-3MHz-5MHz-16QAM-16QAM-20501-20540-15RB#0-25RB#0-PASS



5-5-3MHz-5MHz-16QAM-16QAM-20586-20625-15RB#0-25RB#0-PASS

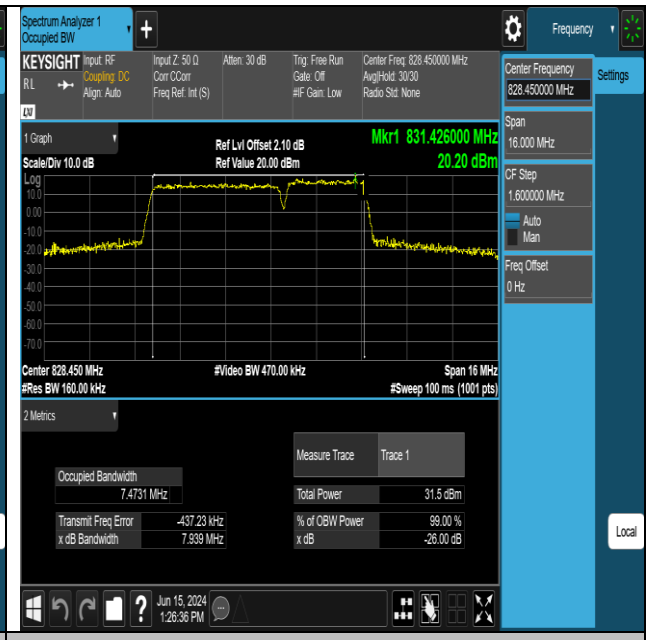


5-5-5MHz-3MHz-QPSK-QPSK-20425-20464-25RB#0-15RB#0-PASS



5-5-5MHz-3MHz-QPSK-QPSK-20510-20549-25RB#0-15RB#0-PASS

5-5-5MHz-3MHz-QPSK-QPSK-20595-20634-25RB#0-15RB#0-PASS



5-5-5MHz-3MHz-16QAM-16QAM-20425-20464-25RB#0-15RB#0-PASS

5-5-5MHz-3MHz-16QAM-16QAM-20510-20549-25RB#0-15RB#0-PASS

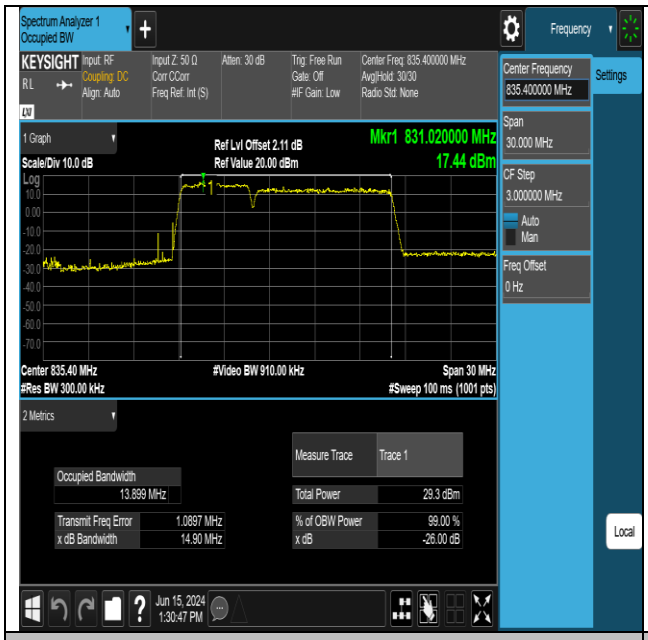
5-5-5MHz-3MHz-16QAM-16QAM-20595-20634-25RB#0-15RB#0-PASS

5-5-5MHz-10MHz-QPSK-QPSK-20428-20500-25RB#0-50RB#0-PASS

5-5-5MHz-10MHz-QPSK-QPSK-20478-20550-25RB#0-50RB#0-PASS

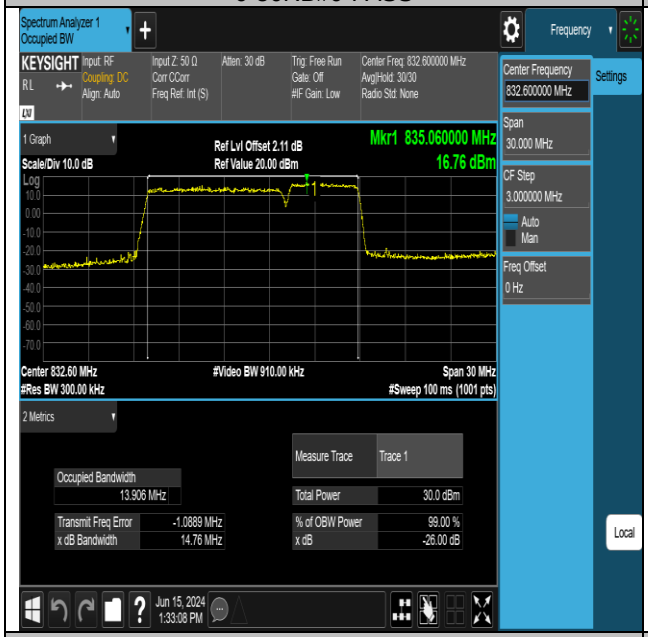
5-5-5MHz-10MHz-QPSK-QPSK-20528-20600-25RB#0-50RB#0-PASS

5-5-5MHz-10MHz-16QAM-16QAM-20428-20500-25RB#0-50RB#0-PASS

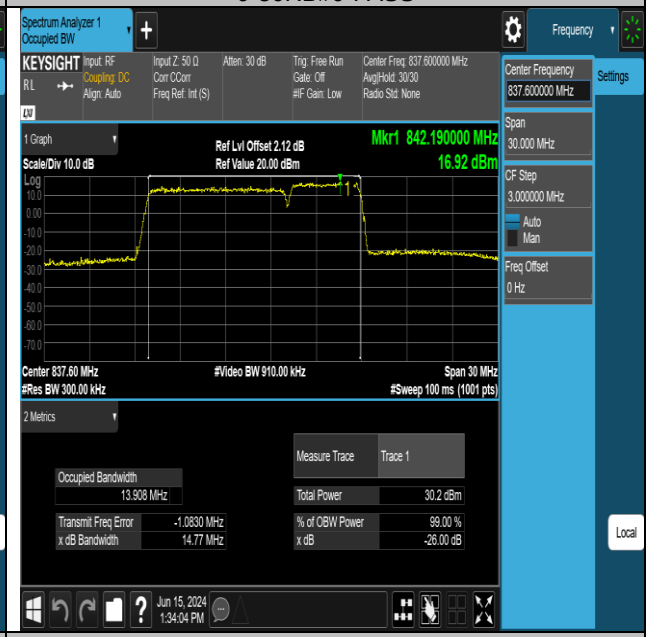


5-5-5MHz-10MHz-16QAM-16QAM-20478-20550-25RB#0-50RB#0-PASS

5-5-5MHz-10MHz-16QAM-16QAM-20528-20600-25RB#0-50RB#0-PASS



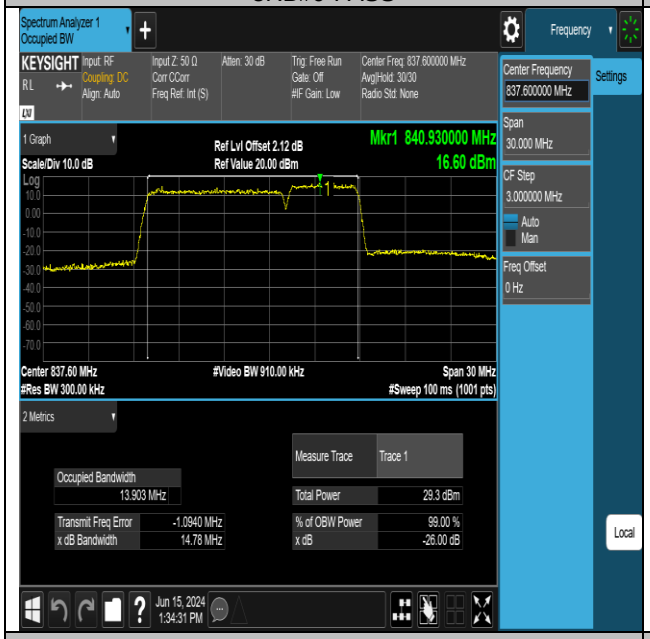
5-5-10MHz-5MHz-QPSK-QPSK-20450-20522-50RB#0-25RB#0-PASS



5-5-10MHz-5MHz-QPSK-QPSK-20500-20572-50RB#0-25RB#0-PASS

5-5-10MHz-5MHz-QPSK-QPSK-20550-20622-50RB#0-25RB#0-PASS

5-5-10MHz-5MHz-16QAM-16QAM-20450-20522-50RB#0-25RB#0-PASS



5-5-10MHz-5MHz-16QAM-16QAM-20500-20572-50RB#0-25RB#0-PASS

5-5-10MHz-5MHz-16QAM-16QAM-20550-20622-50RB#0-25RB#0-PASS

5-5-10MHz-10MHz-QPSK-QPSK-20450-20549-50RB#0-50RB#0-PASS

5-5-10MHz-10MHz-QPSK-QPSK-20476-20575-50RB#0-50RB#0-PASS

5-5-10MHz-10MHz-QPSK-QPSK-20501-20600-50RB#0-50RB#0-PASS

5-5-10MHz-10MHz-16QAM-16QAM-20450-20549-50RB#0-50RB#0-PASS

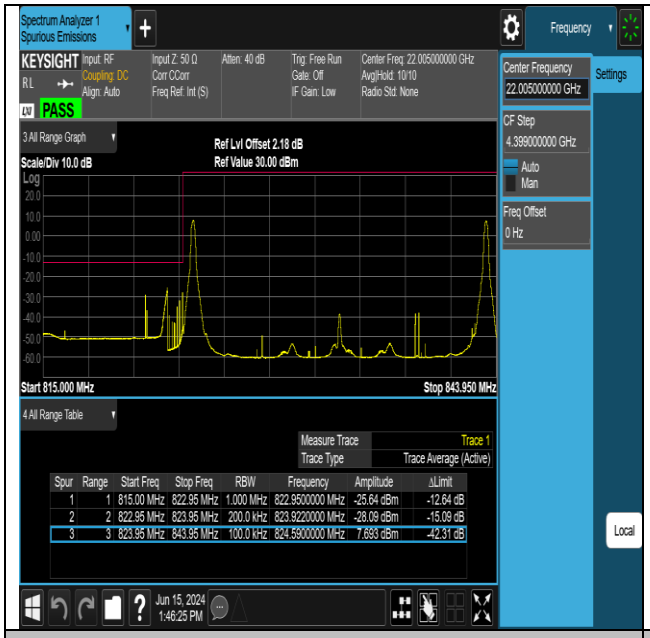
5-5-10MHz-10MHz-16QAM-16QAM-20476-20575-50RB #0-50RB#0-PASS

5-5-10MHz-10MHz-16QAM-16QAM-20501-20600-50RB #0-50RB#0-PASS

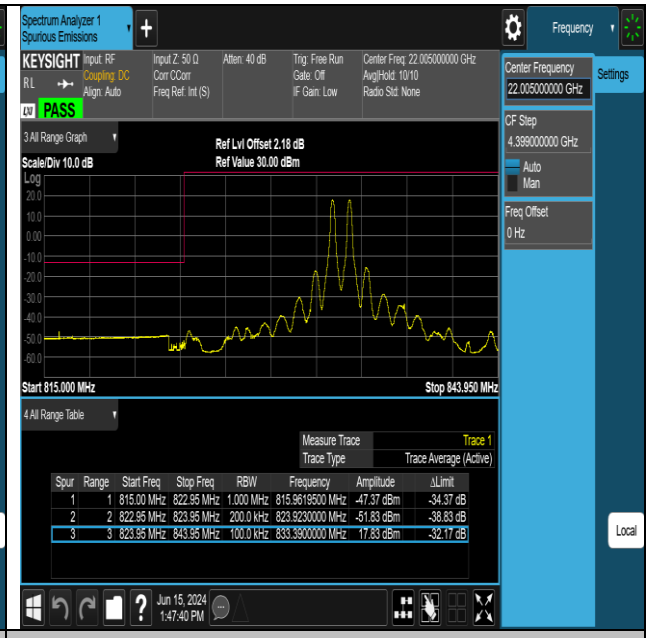
BAND EDGE
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5-5	10MHz-10MHz	QPSK@QPSK-QPSK@QPSK	20450-20549	1RB#0@50RB#0-1RB#49@50RB#0	-25.64	PASS
5-5	10MHz-10MHz	QPSK@QPSK-QPSK@QPSK	20450-20549	1RB#49@50RB#0-1RB#0@50RB#0	-47.37	PASS
5-5	10MHz-10MHz	QPSK@QPSK-QPSK@QPSK	20450-20549	50RB#0@50RB#0-50RB#0@50RB#0	-27.13	PASS
5-5	10MHz-10MHz	QPSK@QPSK-QPSK@QPSK	20501-20600	1RB#0@50RB#0-1RB#49@50RB#0	-27.17	PASS
5-5	10MHz-10MHz	QPSK@QPSK-QPSK@QPSK	20501-20600	1RB#49@50RB#0-1RB#0@50RB#0	-46.74	PASS
5-5	10MHz-10MHz	QPSK@QPSK-QPSK@QPSK	20501-20600	50RB#0@50RB#0-50RB#0@50RB#0	-25.30	PASS
5-5	10MHz-10MHz	16QAM@16QAM-16QAM@16QAM	20450-20549	1RB#0@50RB#0-1RB#49@50RB#0	-26.21	PASS
5-5	10MHz-10MHz	16QAM@16QAM-16QAM@16QAM	20450-20549	1RB#49@50RB#0-1RB#0@50RB#0	-44.65	PASS
5-5	10MHz-10MHz	16QAM@16QAM-16QAM@16QAM	20450-20549	50RB#0@50RB#0-50RB#0@50RB#0	-28.33	PASS
5-5	10MHz-10MHz	16QAM@16QAM-16QAM@16QAM	20501-20600	1RB#0@50RB#0-1RB#49@50RB#0	-26.68	PASS
5-5	10MHz-10MHz	16QAM@16QAM-16QAM@16QAM	20501-20600	1RB#49@50RB#0-1RB#0@50RB#0	-44.95	PASS
5-5	10MHz-10MHz	16QAM@16QAM-16QAM@16QAM	20501-20600	50RB#0@50RB#0-50RB#0@50RB#0	-25.58	PASS

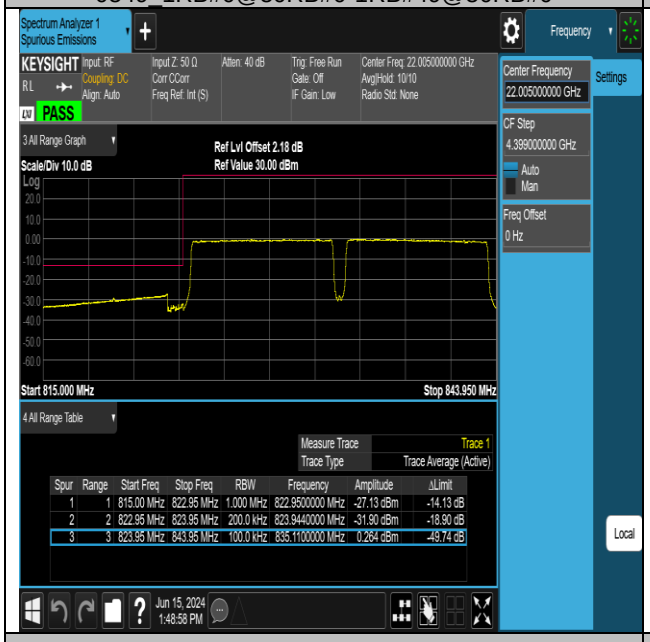
TEST GRAPHS



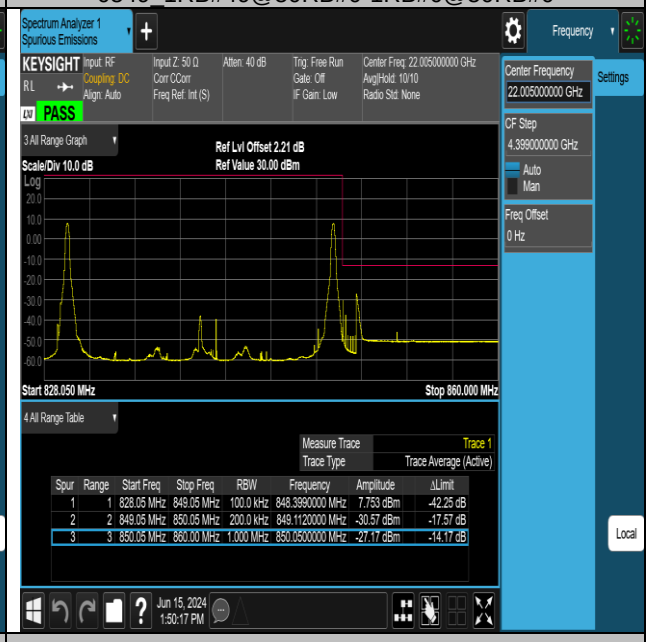
10MHz-10MHz_QPSK@QPSK-QPSK@QPSK_20450-20549_1RB#0@50RB#0-1RB#49@50RB#0



10MHz-10MHz_QPSK@QPSK-QPSK@QPSK_20450-20549_1RB#49@50RB#0-1RB#0@50RB#0



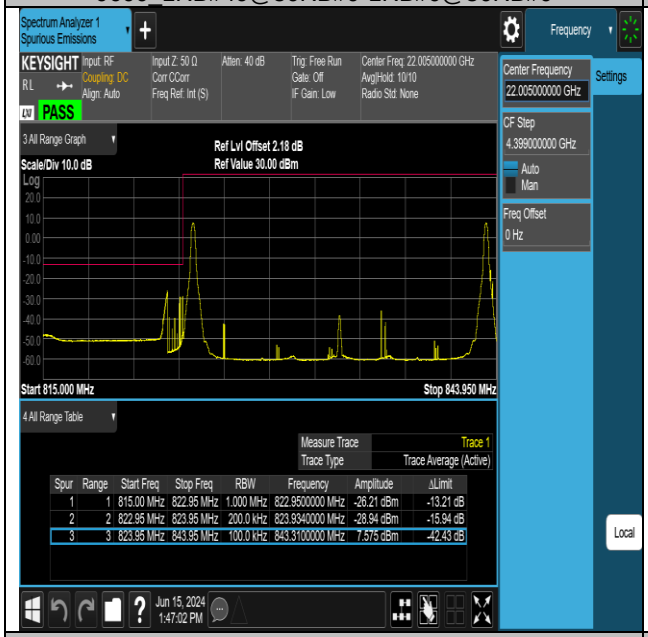
10MHz-10MHz_QPSK@QPSK-QPSK@QPSK_20450-20549_50RB#0@50RB#0-50RB#0@50RB#0



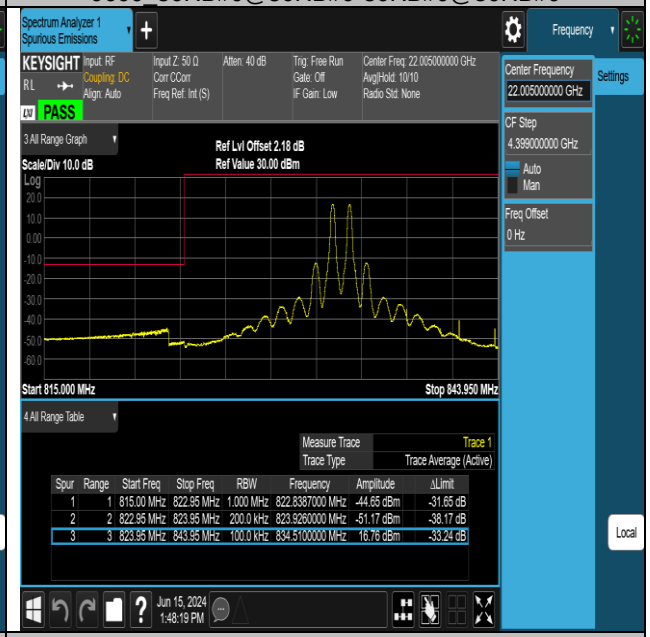
10MHz-10MHz_QPSK@QPSK-QPSK@QPSK_20501-20600_1RB#0@50RB#0-1RB#49@50RB#0

10MHz-10MHz_QPSK@QPSK-QPSK@QPSK_20501-20600_1RB#49@50RB#0-1RB#0@50RB#0

10MHz-10MHz_QPSK@QPSK-QPSK@QPSK_20501-20600_50RB#0@50RB#0-50RB#0@50RB#0



10MHz-10MHz_16QAM@16QAM-16QAM@16QAM_20450-20549_1RB#0@50RB#0-1RB#49@50RB#0



10MHz-10MHz_16QAM@16QAM-16QAM@16QAM_20450-20549_1RB#49@50RB#0-1RB#0@50RB#0