

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	23.36	23.63	34.8	PASS
Band14	5MHz	QPSK	23305	1RB#12	23.41	23.68	34.8	PASS
Band14	5MHz	QPSK	23305	1RB#24	23.37	23.64	34.8	PASS
Band14	5MHz	QPSK	23305	25RB#0	22.34	22.61	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#0	23.26	23.53	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#12	23.42	23.69	34.8	PASS
Band14	5MHz	QPSK	23330	1RB#24	23.26	23.53	34.8	PASS
Band14	5MHz	QPSK	23330	25RB#0	22.29	22.56	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#0	23.38	23.65	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#12	23.37	23.64	34.8	PASS
Band14	5MHz	QPSK	23355	1RB#24	23.24	23.51	34.8	PASS
Band14	5MHz	QPSK	23355	25RB#0	22.33	22.6	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#0	21.12	21.39	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#12	21.33	21.6	34.8	PASS
Band14	5MHz	64QAM	23305	1RB#24	21.24	21.51	34.8	PASS
Band14	5MHz	64QAM	23305	25RB#0	20.42	20.69	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#0	21.68	21.95	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#12	21.86	22.13	34.8	PASS
Band14	5MHz	64QAM	23330	1RB#24	21.71	21.98	34.8	PASS
Band14	5MHz	64QAM	23330	25RB#0	20.27	20.54	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#0	21.51	21.78	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#12	21.51	21.78	34.8	PASS
Band14	5MHz	64QAM	23355	1RB#24	21.41	21.68	34.8	PASS
Band14	5MHz	64QAM	23355	25RB#0	20.36	20.63	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#0	18.60	18.87	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#12	18.69	18.96	34.8	PASS
Band14	5MHz	256QAM	23305	1RB#24	18.63	18.9	34.8	PASS
Band14	5MHz	256QAM	23305	25RB#0	18.38	18.65	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#0	18.37	18.64	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#12	18.55	18.82	34.8	PASS
Band14	5MHz	256QAM	23330	1RB#24	18.38	18.65	34.8	PASS
Band14	5MHz	256QAM	23330	25RB#0	18.32	18.59	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#0	18.40	18.67	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#12	18.46	18.73	34.8	PASS
Band14	5MHz	256QAM	23355	1RB#24	18.29	18.56	34.8	PASS

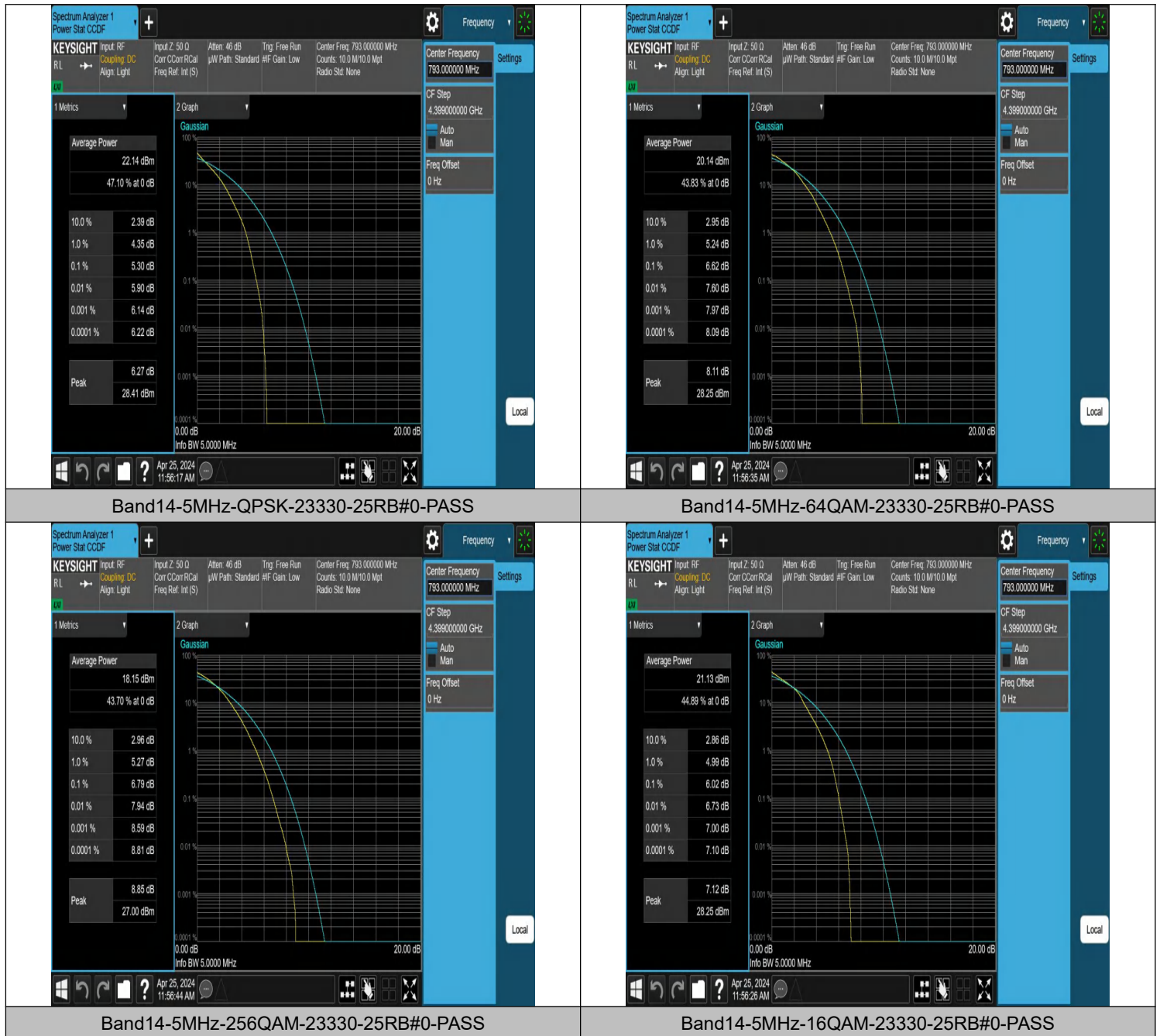
Band14	5MHz	256QAM	23355	25RB#0	18.36	18.63	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#0	22.37	22.64	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#12	22.42	22.69	34.8	PASS
Band14	5MHz	16QAM	23305	1RB#24	22.39	22.66	34.8	PASS
Band14	5MHz	16QAM	23305	25RB#0	21.37	21.64	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#0	22.47	22.74	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#12	22.57	22.84	34.8	PASS
Band14	5MHz	16QAM	23330	1RB#24	22.39	22.66	34.8	PASS
Band14	5MHz	16QAM	23330	25RB#0	21.28	21.55	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#0	22.32	22.59	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#12	22.32	22.59	34.8	PASS
Band14	5MHz	16QAM	23355	1RB#24	22.23	22.5	34.8	PASS
Band14	5MHz	16QAM	23355	25RB#0	21.37	21.64	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#0	23.29	23.56	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#24	23.31	23.58	34.8	PASS
Band14	10MHz	QPSK	23330	1RB#49	23.21	23.48	34.8	PASS
Band14	10MHz	QPSK	23330	50RB#0	22.34	22.61	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#0	21.26	21.53	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#24	21.31	21.58	34.8	PASS
Band14	10MHz	64QAM	23330	1RB#49	21.14	21.41	34.8	PASS
Band14	10MHz	64QAM	23330	50RB#0	20.32	20.59	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#0	18.31	18.58	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#24	18.48	18.75	34.8	PASS
Band14	10MHz	256QAM	23330	1RB#49	18.23	18.5	34.8	PASS
Band14	10MHz	256QAM	23330	50RB#0	18.40	18.67	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#0	22.43	22.7	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#24	22.35	22.62	34.8	PASS
Band14	10MHz	16QAM	23330	1RB#49	22.30	22.57	34.8	PASS
Band14	10MHz	16QAM	23330	50RB#0	21.33	21.6	34.8	PASS

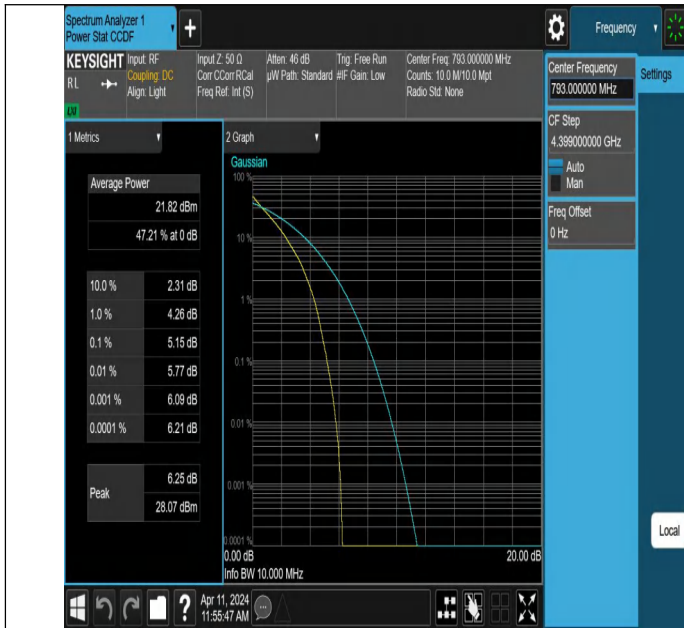
Peak-to-Average Ratio(CCDF)

Test Result

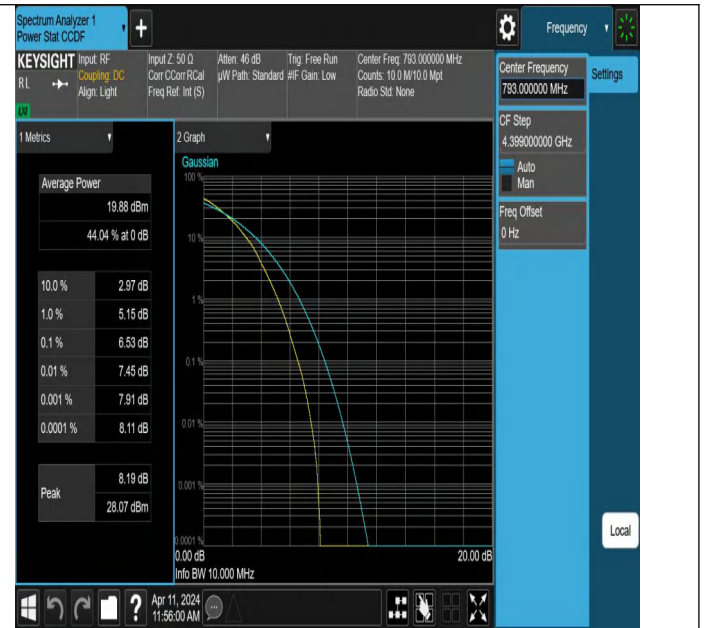
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band14	5MHz	QPSK	23330	25RB#0	5.30	13	PASS
Band14	5MHz	64QAM	23330	25RB#0	6.62	13	PASS
Band14	5MHz	256QAM	23330	25RB#0	6.79	13	PASS
Band14	5MHz	16QAM	23330	25RB#0	6.02	13	PASS
Band14	10MHz	QPSK	23330	50RB#0	5.15	13	PASS
Band14	10MHz	64QAM	23330	50RB#0	6.53	13	PASS
Band14	10MHz	256QAM	23330	50RB#0	6.62	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	5.95	13	PASS

Test Graphs

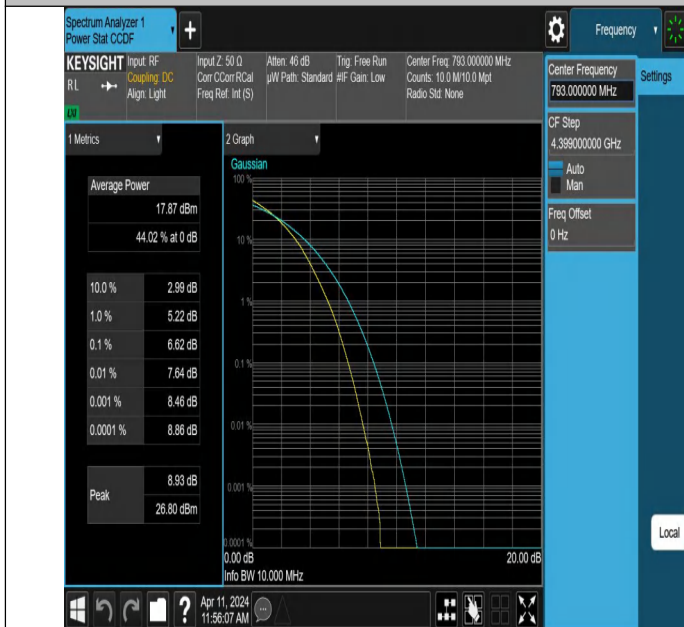




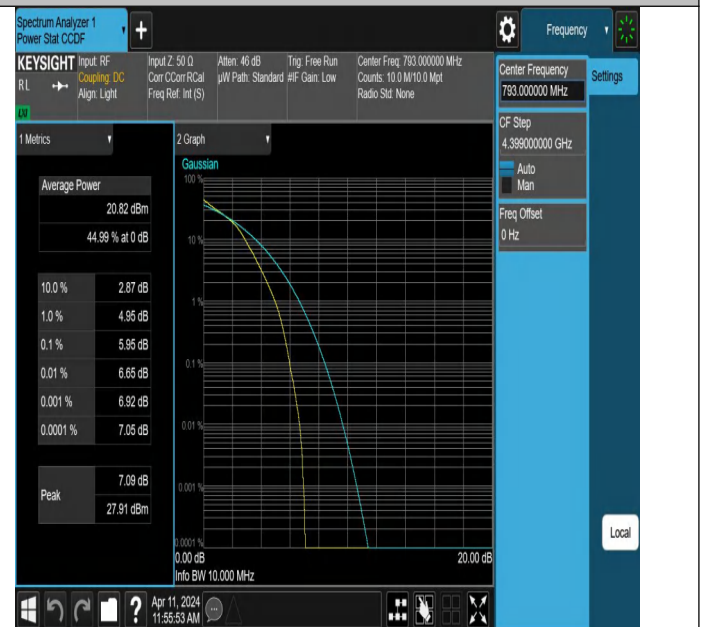
Band14-10MHz-QPSK-23330-50RB#0-PASS



Band14-10MHz-64QAM-23330-50RB#0-PASS



Band14-10MHz-256QAM-23330-50RB#0-PASS



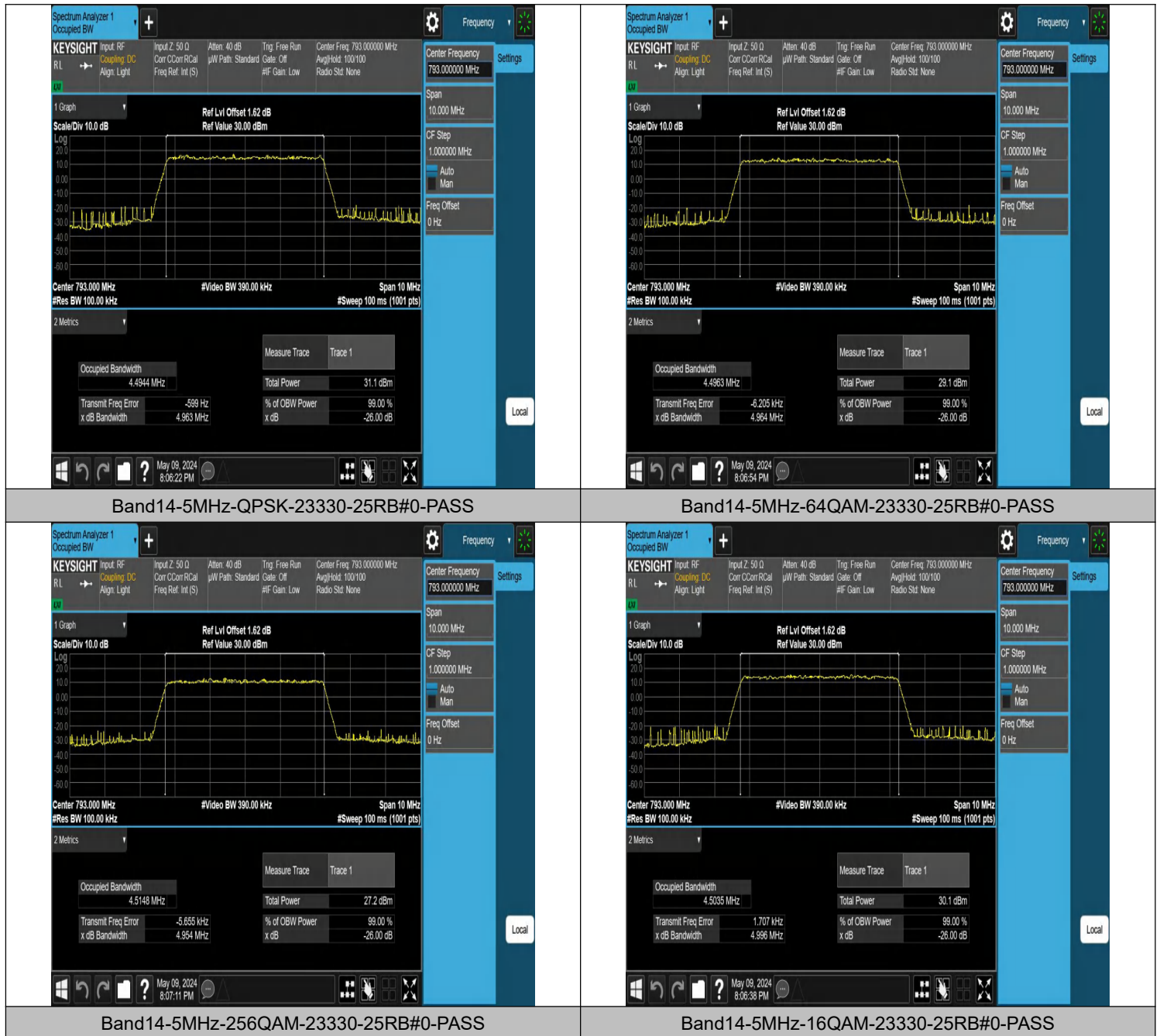
Band14-10MHz-16QAM-23330-50RB#0-PASS

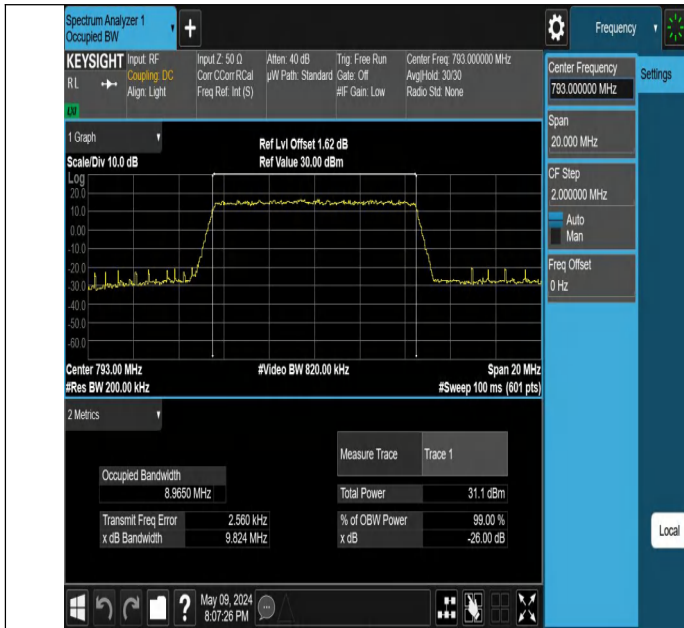
26dB Bandwidth and Occupied Bandwidth

Test Result

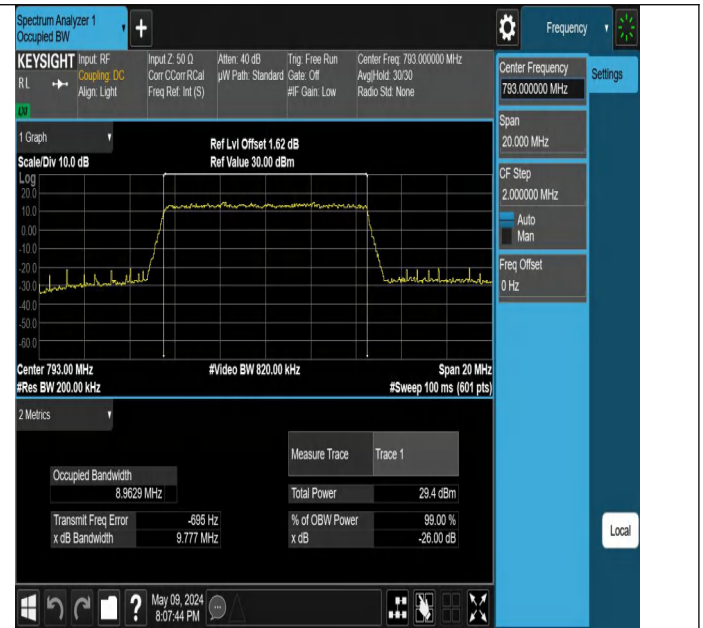
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23330	25RB#0	4.4944	4.963	PASS
Band14	5MHz	64QAM	23330	25RB#0	4.4963	4.964	PASS
Band14	5MHz	256QAM	23330	25RB#0	4.5148	4.954	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.5035	4.996	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9650	9.824	PASS
Band14	10MHz	64QAM	23330	50RB#0	8.9629	9.777	PASS
Band14	10MHz	256QAM	23330	50RB#0	8.9731	9.806	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9677	9.791	PASS

Test Graphs

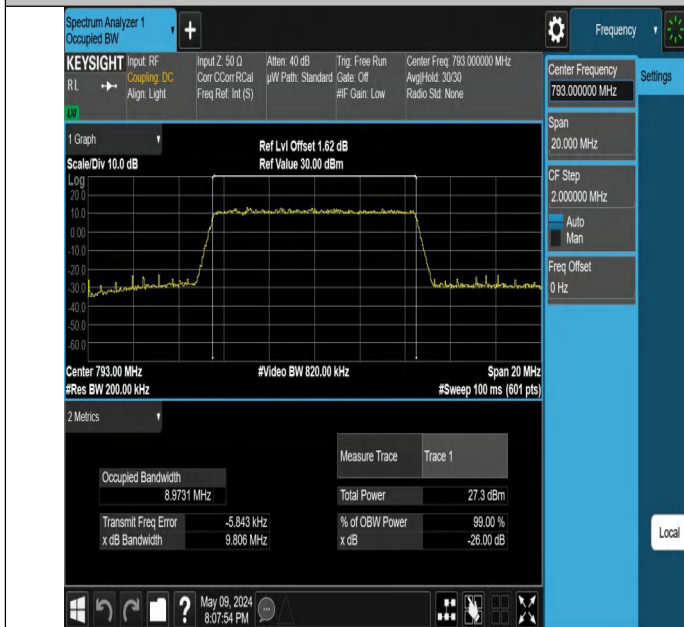




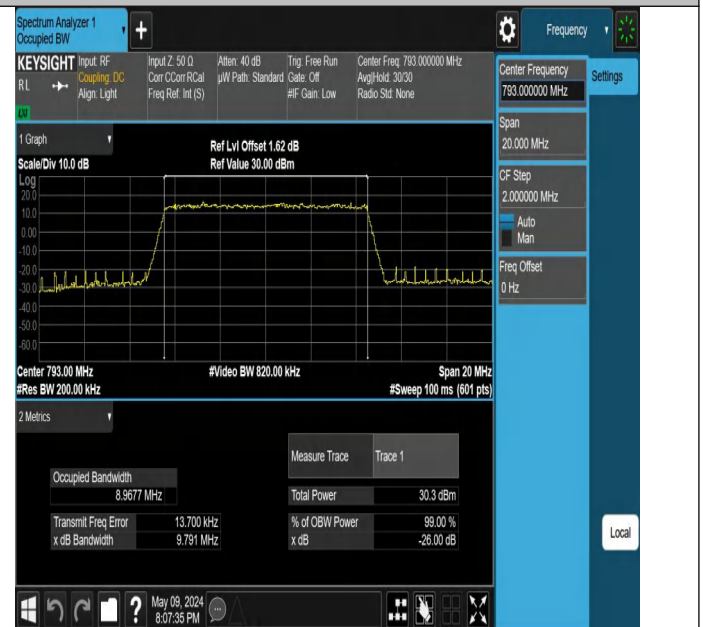
Band14-10MHz-QPSK-23330-50RB#0-PASS



Band14-10MHz-64QAM-23330-50RB#0-PASS



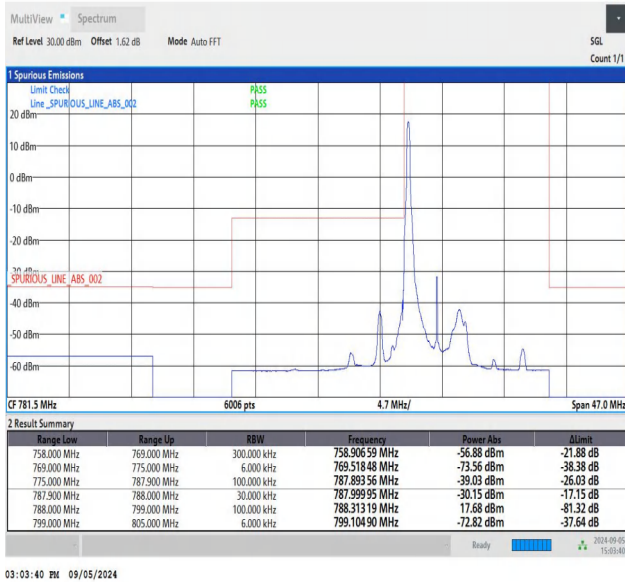
Band14-10MHz-256QAM-23330-50RB#0-PASS



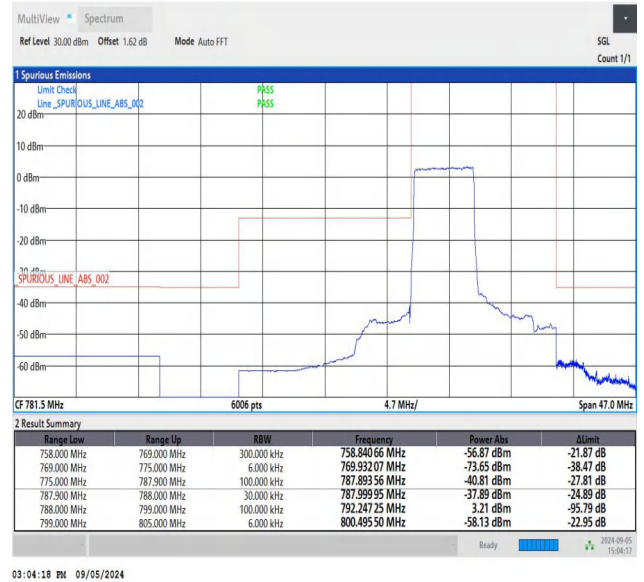
Band14-10MHz-16QAM-23330-50RB#0-PASS

Band Edge

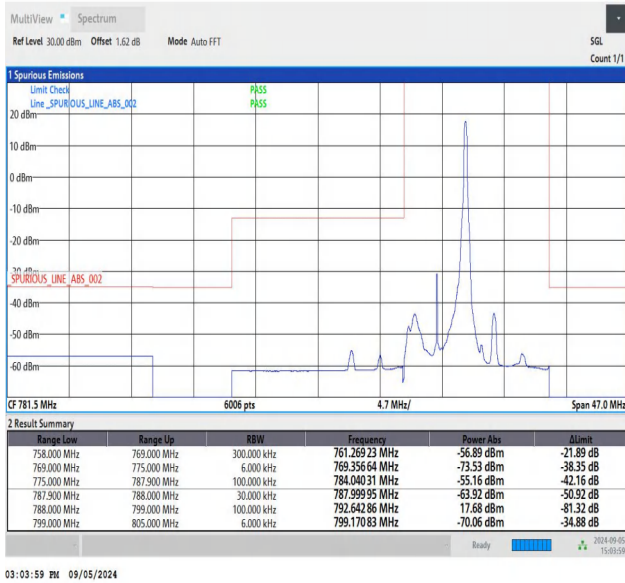
Test Graphs



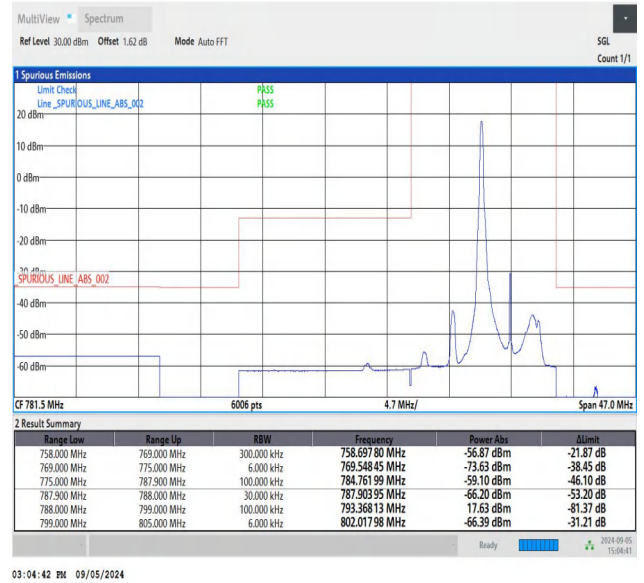
Band14-5MHz-QPSK-23305-1RB#0-PASS



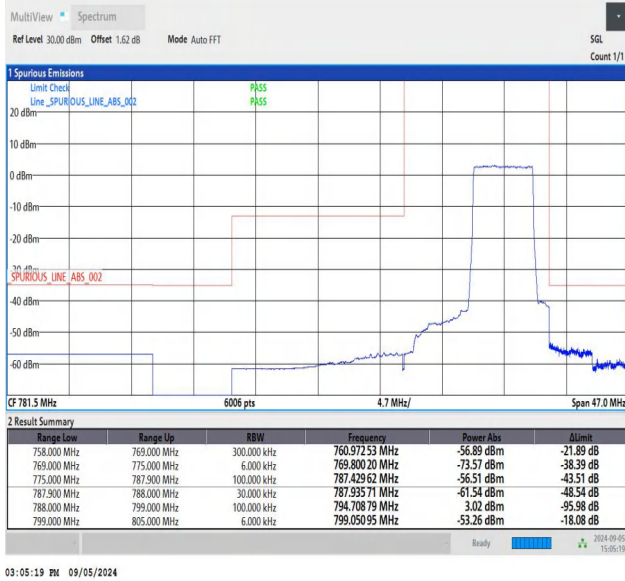
Band14-5MHz-QPSK-23305-25RB#0-PASS



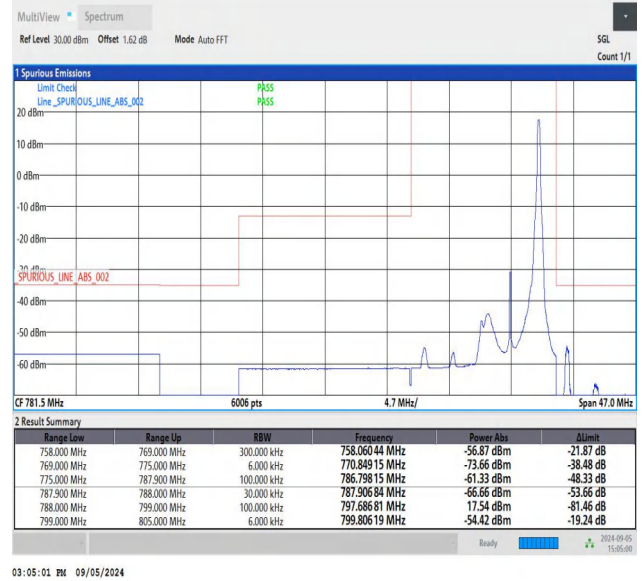
Band14-5MHz-QPSK-23305-1RB#24-PASS



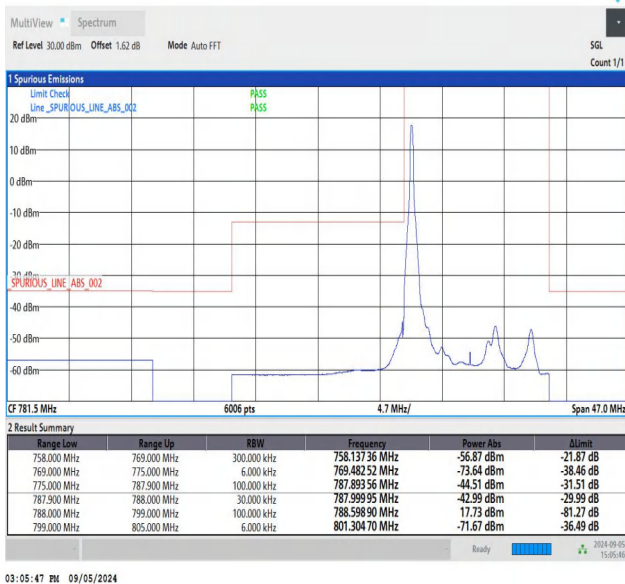
Band14-5MHz-QPSK-23355-1RB#0-PASS



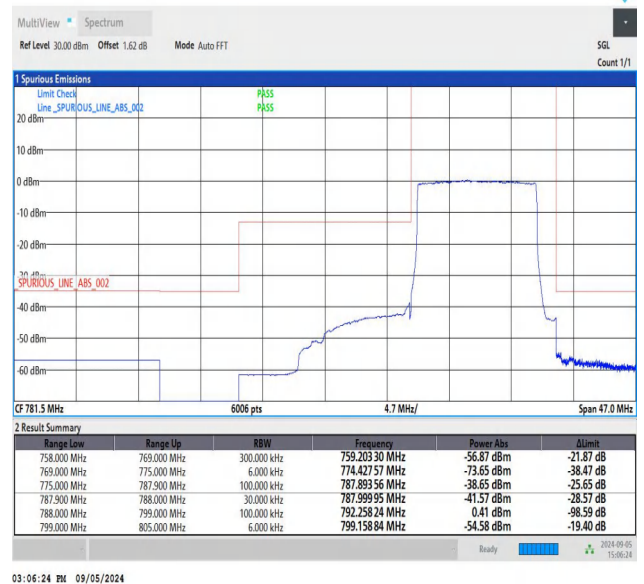
Band14-5MHz-QPSK-23355-25RB#0-PASS



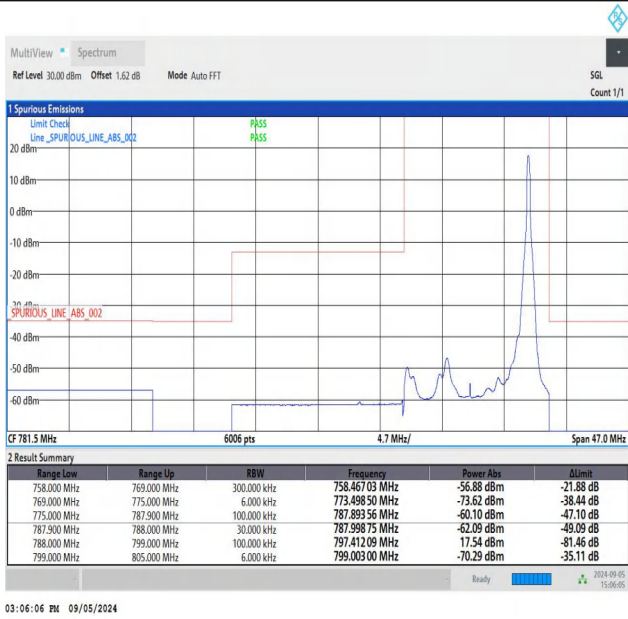
Band14-5MHz-QPSK-23355-1RB#24-PASS



Band14-10MHz-QPSK-23330-1RB#0-PASS



Band14-10MHz-QPSK-23330-50RB#0-PASS



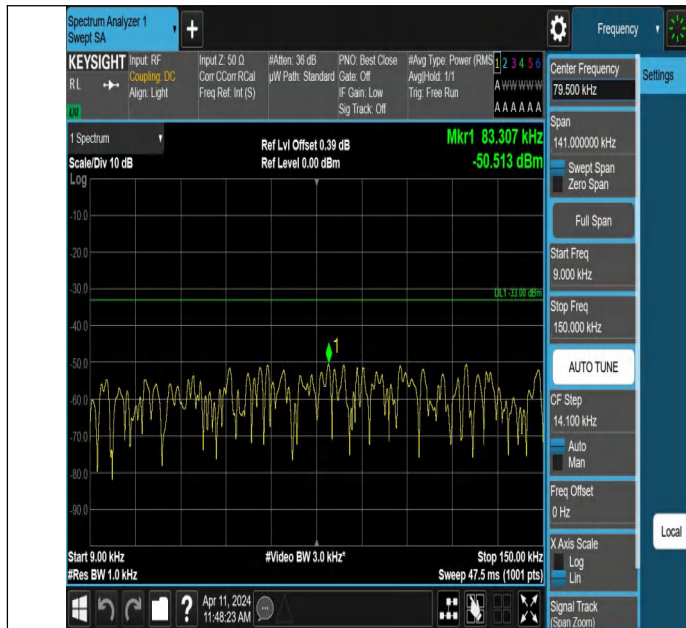
Band14-10MHz-QPSK-23330-1RB#49-PASS

Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result(dBm)	Limit	Verdict
Band14	5MHz	QPSK	23305	1RB#0	0.009~0.15	-50.51	-33.0	PASS
Band14	5MHz	QPSK	23305	1RB#0	0.15~30	-49.79	-23.0	PASS
Band14	5MHz	QPSK	23305	1RB#0	30~1000	-63.78	-13.0	PASS
Band14	5MHz	QPSK	23305	1RB#0	1000~3000	-38.91	-13.0	PASS
Band14	5MHz	QPSK	23305	1RB#0	3000~10000	-50.04	-13.0	PASS
Band14	5MHz	QPSK	23330	1RB#0	0.009~0.15	-50.12	-33.0	PASS
Band14	5MHz	QPSK	23330	1RB#0	0.15~30	-48.05	-23.0	PASS
Band14	5MHz	QPSK	23330	1RB#0	30~1000	-63.30	-13.0	PASS
Band14	5MHz	QPSK	23330	1RB#0	1000~3000	-39.72	-13.0	PASS
Band14	5MHz	QPSK	23330	1RB#0	3000~10000	-49.72	-13.0	PASS
Band14	5MHz	QPSK	23355	1RB#0	0.009~0.15	-48.85	-33.0	PASS
Band14	5MHz	QPSK	23355	1RB#0	0.15~30	-49.35	-23.0	PASS
Band14	5MHz	QPSK	23355	1RB#0	30~1000	-63.88	-13.0	PASS
Band14	5MHz	QPSK	23355	1RB#0	1000~3000	-40.72	-13.0	PASS
Band14	5MHz	QPSK	23355	1RB#0	3000~10000	-49.73	-13.0	PASS
Band14	10MHz	QPSK	23330	1RB#0	0.009~0.15	-49.45	-33.0	PASS
Band14	10MHz	QPSK	23330	1RB#0	0.15~30	-49.39	-23.0	PASS
Band14	10MHz	QPSK	23330	1RB#0	30~1000	-63.83	-13.0	PASS
Band14	10MHz	QPSK	23330	1RB#0	1000~3000	-40.07	-13.0	PASS
Band14	10MHz	QPSK	23330	1RB#0	3000~10000	-49.59	-13.0	PASS
Band14	5MHz	QPSK	23305	1RB#0	1559~1610	-48.04	-40.0	PASS
Band14	5MHz	QPSK	23330	1RB#0	1559~1610	-48.18	-40.0	PASS
Band14	5MHz	QPSK	23355	1RB#0	1559~1610	-47.98	-40.0	PASS
Band14	10MHz	QPSK	23330	1RB#0	1559~1610	-48.17	-40.0	PASS

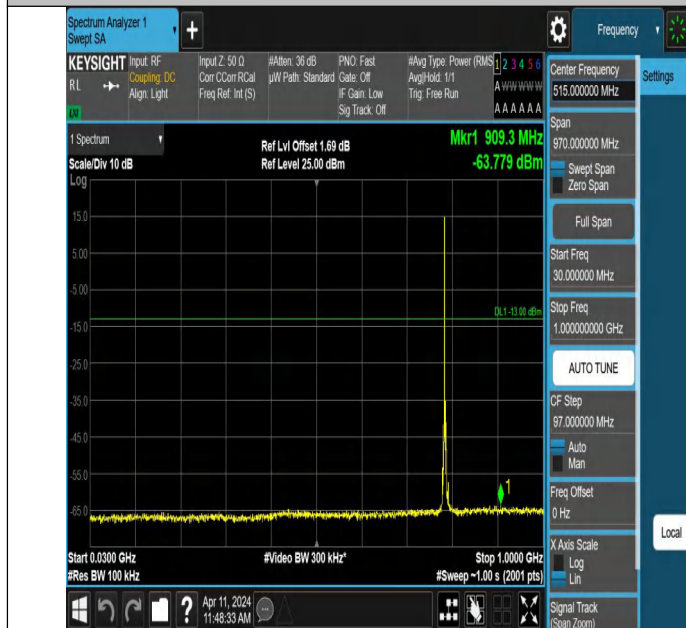
Test Graphs



Band14_5MHz_QPSK_23305_1RB#0_0.009~0.15_0.009~0.15



Band14_5MHz_QPSK_23305_1RB#0_0.15~30_0.15~30



Band14_5MHz_QPSK_23305_1RB#0_30~1000_30~1000



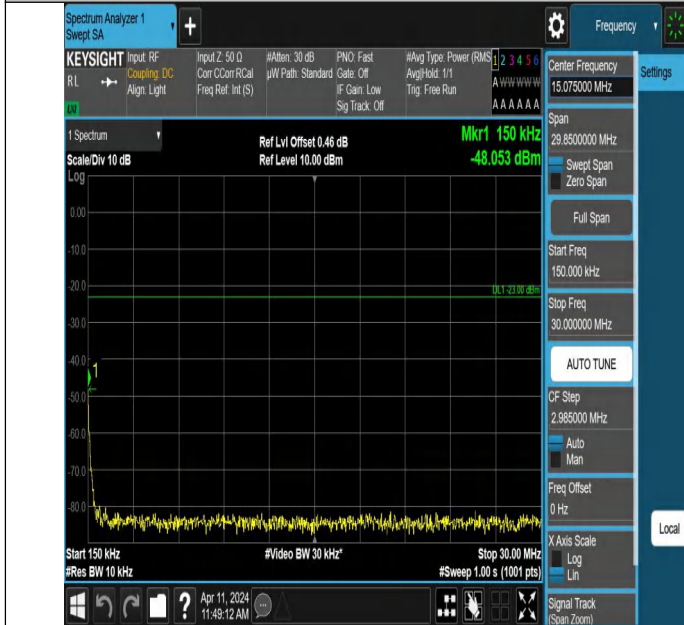
Band14_5MHz_QPSK_23305_1RB#0_1000~3000_1000~3000



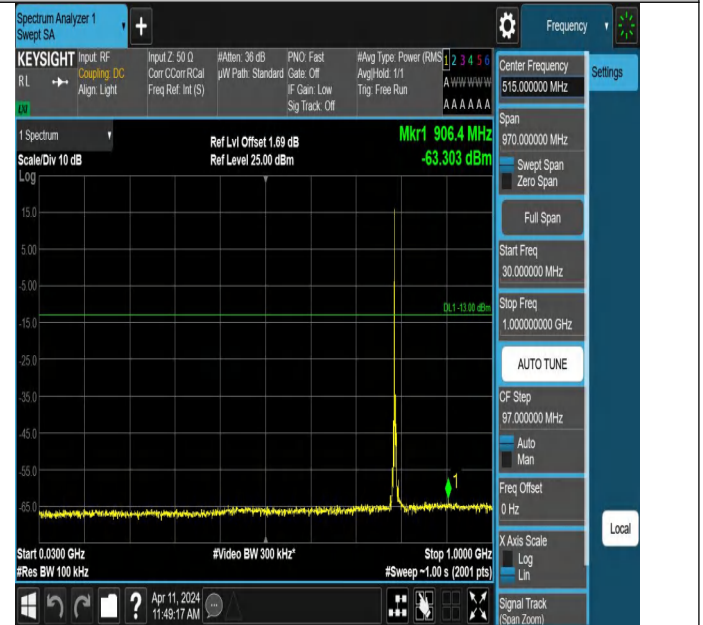
Band14_5MHz_QPSK_23305_1RB#0_3000~10000_3000~10000



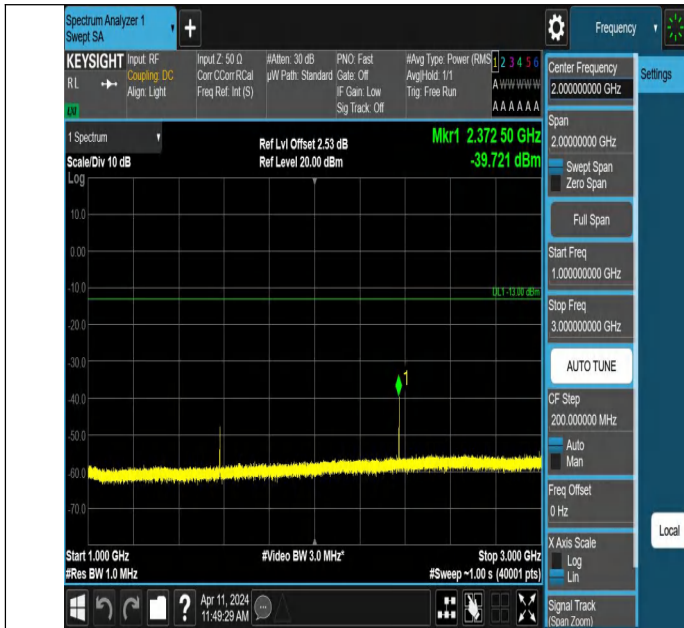
Band14_5MHz_QPSK_23330_1RB#0_0.009~0.15_0.009~0.15



Band14_5MHz_QPSK_23330_1RB#0_0.15~30_0.15~30



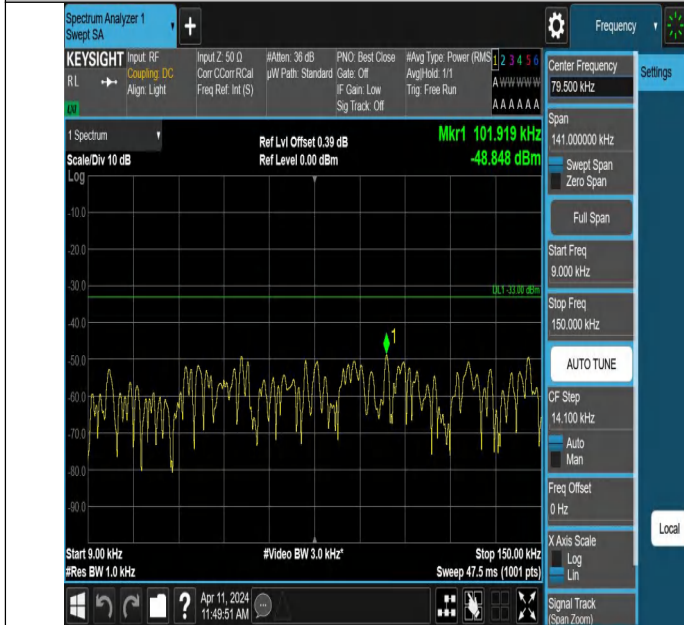
Band14_5MHz_QPSK_23330_1RB#0_30~1000_30~1000



Band14_5MHz_QPSK_23330_1RB#0_1000~3000_1000~3000



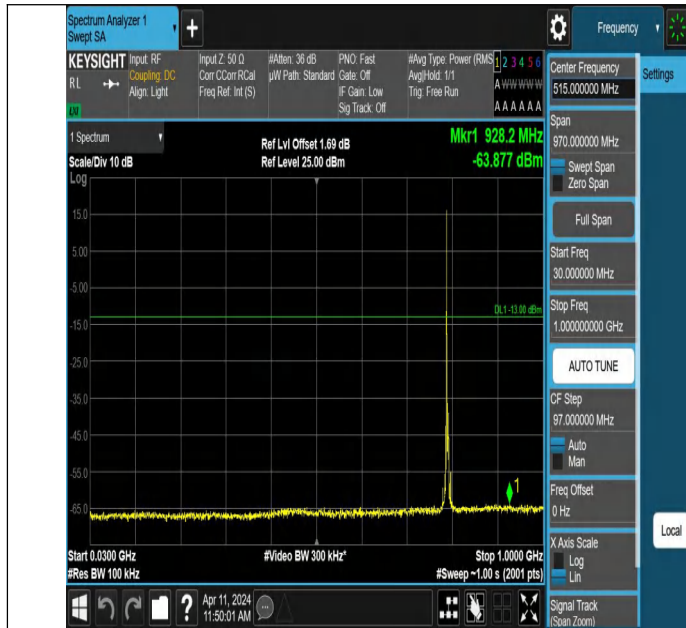
Band14_5MHz_QPSK_23330_1RB#0_3000~10000_3000~10000



Band14_5MHz_QPSK_23355_1RB#0_0.009~0.15_0.009~0.15



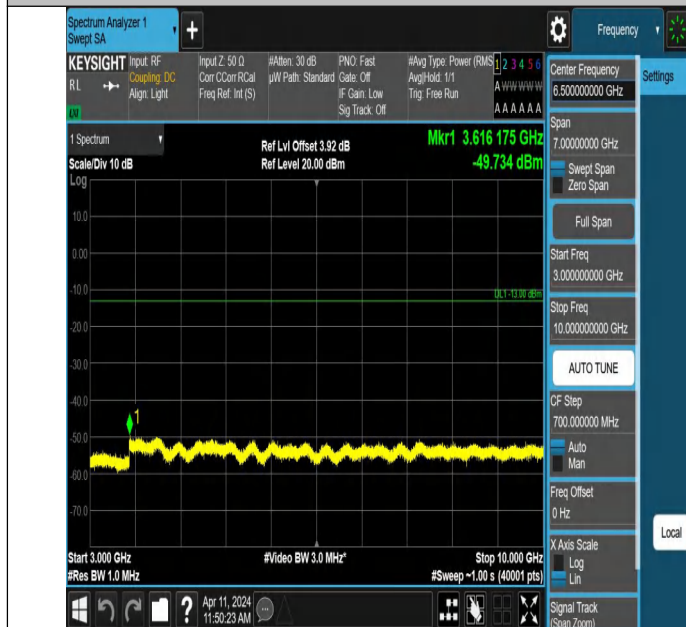
Band14_5MHz_QPSK_23355_1RB#0_0.15~30_0.15~30



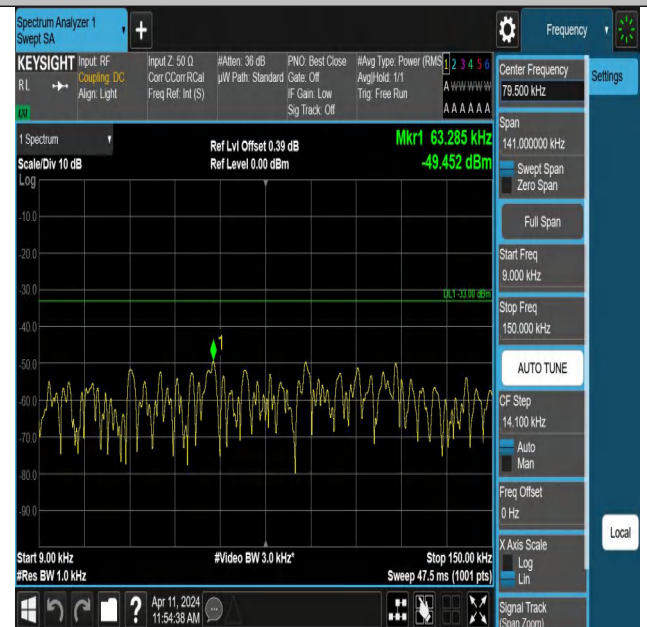
Band14_5MHz_QPSK_23355_1RB#0_30~1000_30~1000



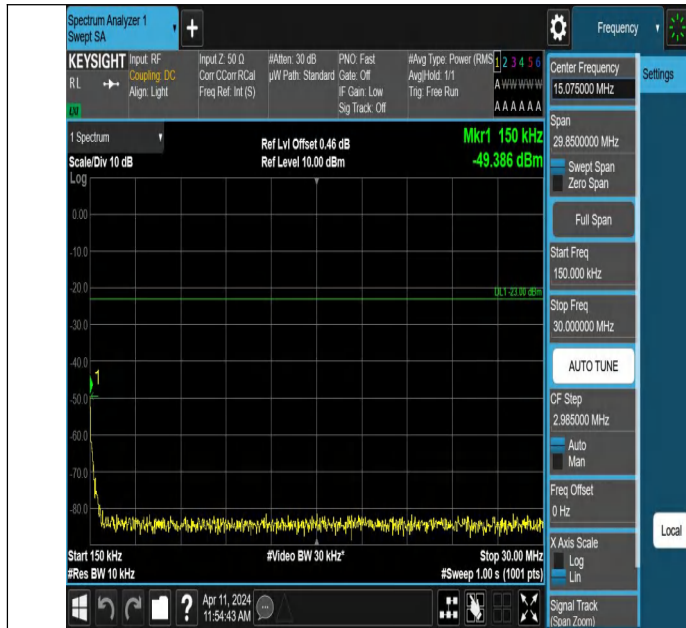
Band14_5MHz_QPSK_23355_1RB#0_1000~3000_1000~3000



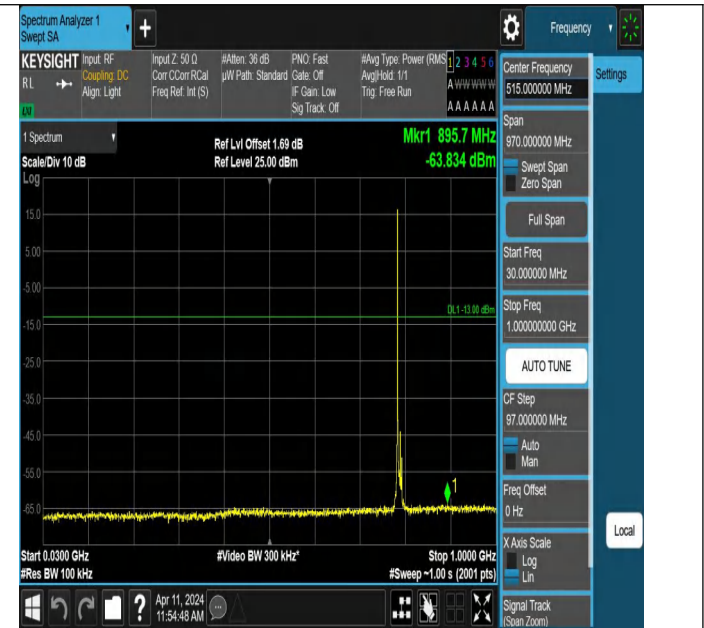
Band14_5MHz_QPSK_23355_1RB#0_3000~10000_3000~10000



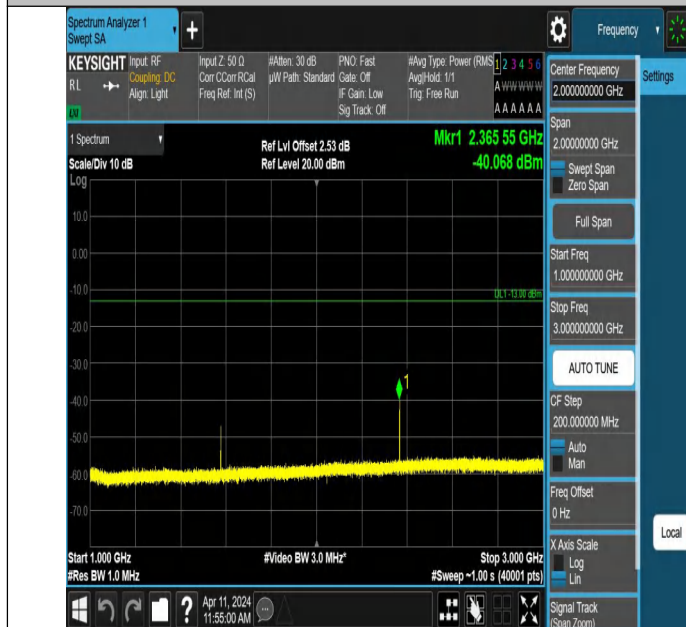
Band14_10MHz_QPSK_23330_1RB#0_0.009~0.15_0.009~0.15



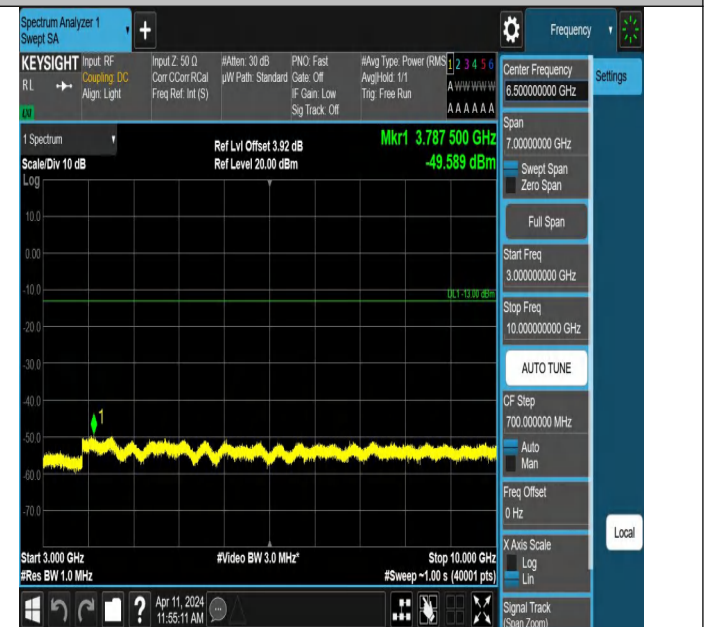
Band14_10MHz_QPSK_23330_1RB#0_0.15~30_0.15~30



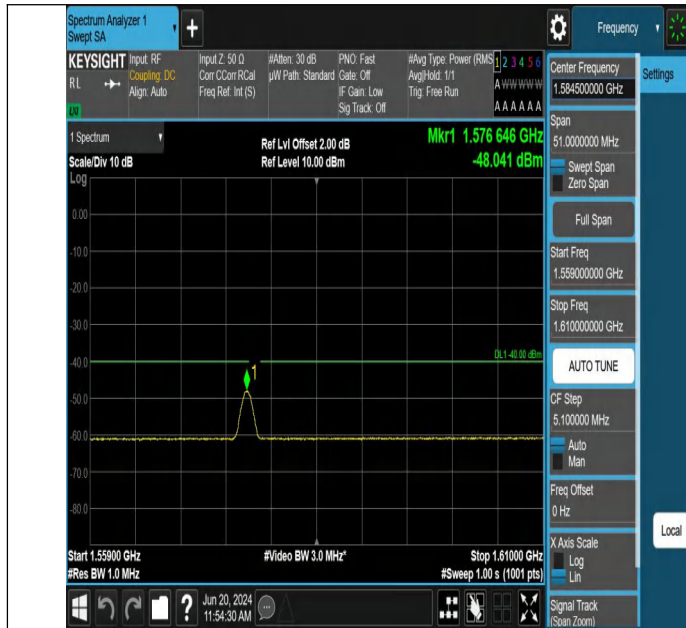
Band14_10MHz_QPSK_23330_1RB#0_30~1000_30~1000



Band14_10MHz_QPSK_23330_1RB#0_1000~3000_1000~3000



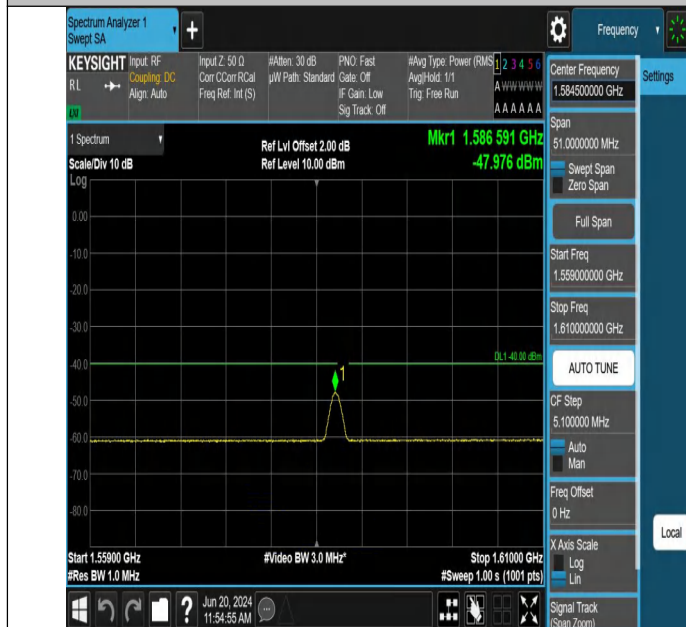
Band14_10MHz_QPSK_23330_1RB#0_3000~10000_3000~10000



Band14_5MHz_QPSK_23305_1RB#0_1559~1610_1559~1610



Band14_5MHz_QPSK_23330_1RB#0_1559~1610_1559~1610



Band14_5MHz_QPSK_23355_1RB#0_1559~1610_1559~1610



Band14_10MHz_QPSK_23330_1RB#0_1559~1610_1559~1610

Frequency Stability

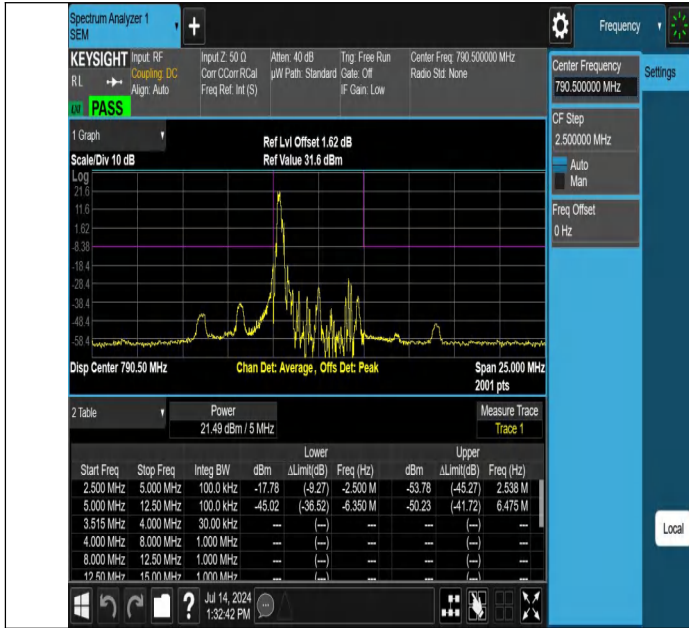
Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	VN	NT	-2.58	-0.003253	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	-2.13	-0.002686	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	-3.35	-0.004224	±2.5	PASS

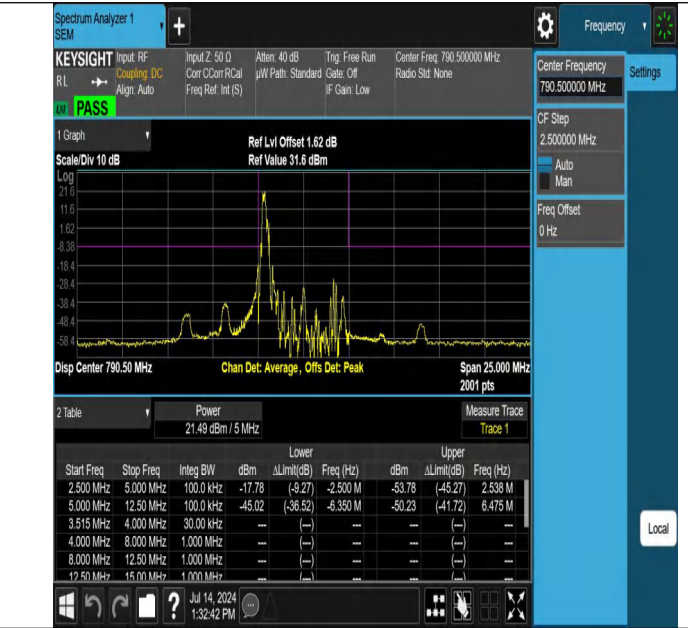
Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	NV	-30	-2.42	-0.003052	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	3.95	0.004981	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-10	-3.26	-0.004111	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	-3.60	-0.004540	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	1.59	0.002005	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-2.70	-0.003405	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	30	-2.32	-0.002926	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	40	-5.08	-0.006406	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	50	-2.78	-0.003506	±2.5	PASS

Spectrum emission mask

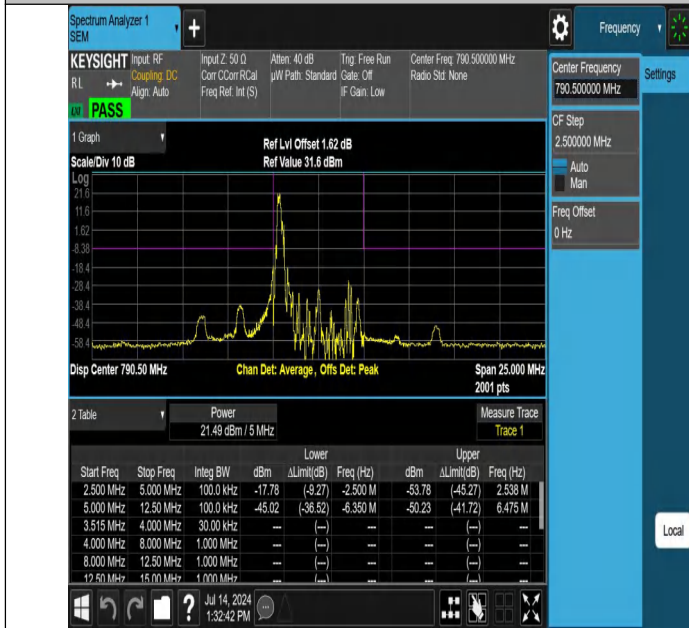
Test Graphs



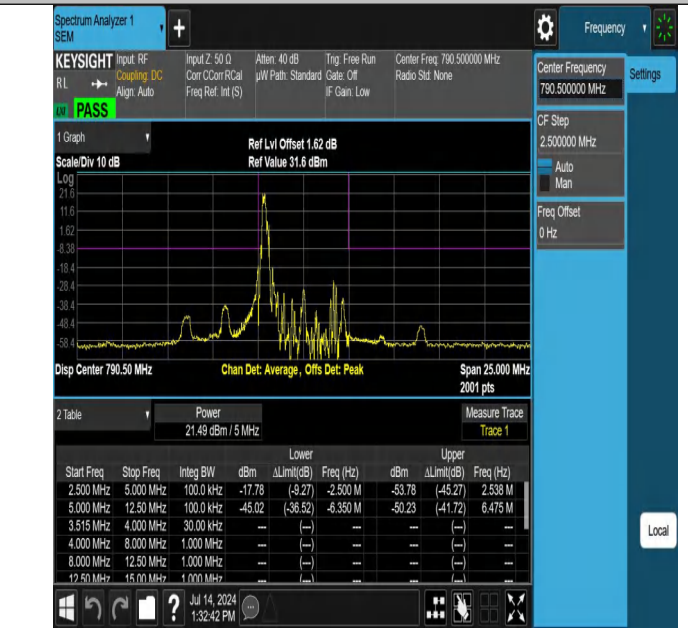
NTNV-Band14-5MHz-QPSK-23305-1RB#0--5.00--2.50-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#0--12.50--5.00-PASS



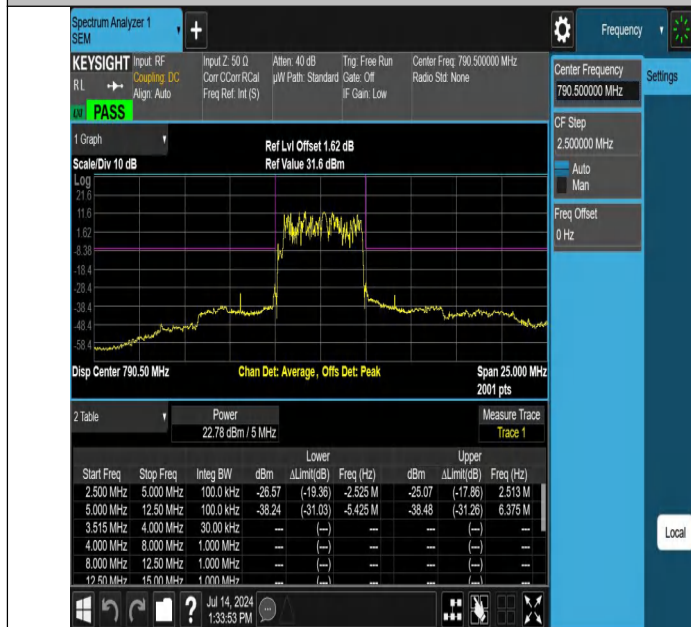
NTNV-Band14-5MHz-QPSK-23305-1RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-QPSK-23305-25RB#0--5.00--2.50-PASS



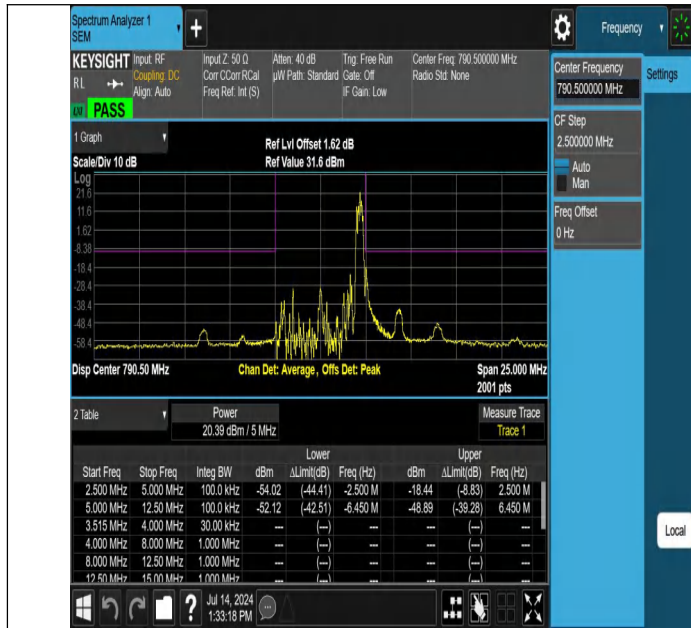
NTNV-Band14-5MHz-QPSK-23305-25RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-QPSK-23305-25RB#0--12.50--5.00-PASS



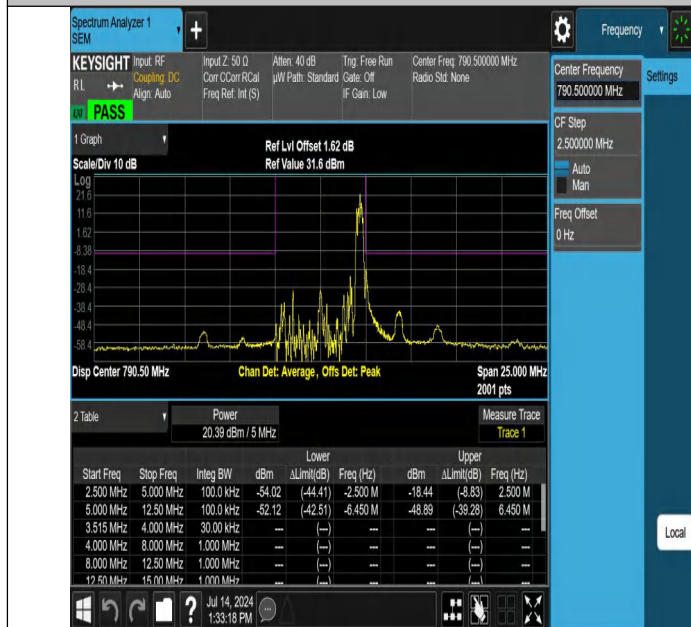
NTNV-Band14-5MHz-QPSK-23305-25RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-QPSK-23305-1RB#24--5.00--2.50-PASS



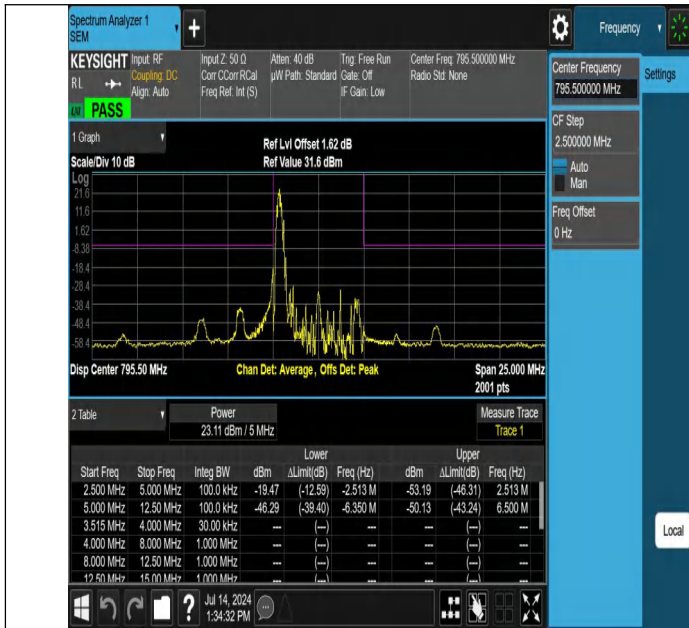
NTNV-Band14-5MHz-QPSK-23305-1RB#24--2.50-2.50-PASS



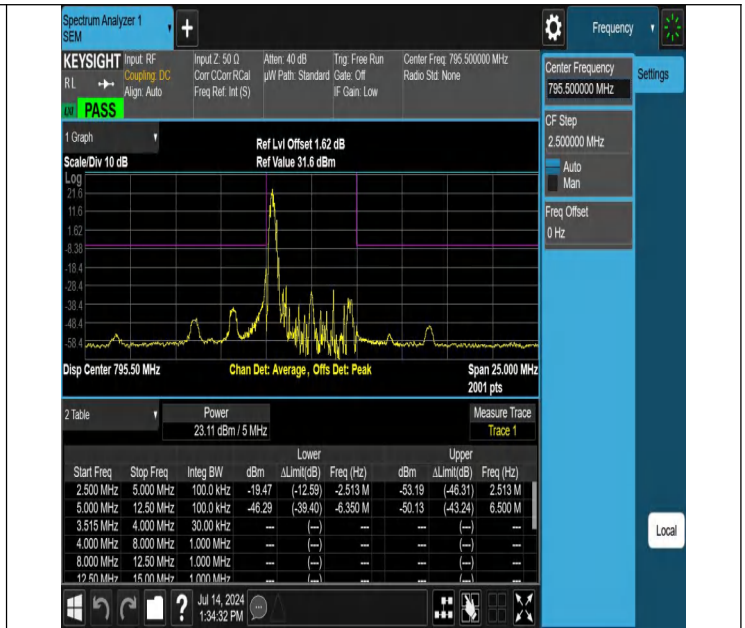
NTNV-Band14-5MHz-QPSK-23305-1RB#24--12.50--5.00-PASS



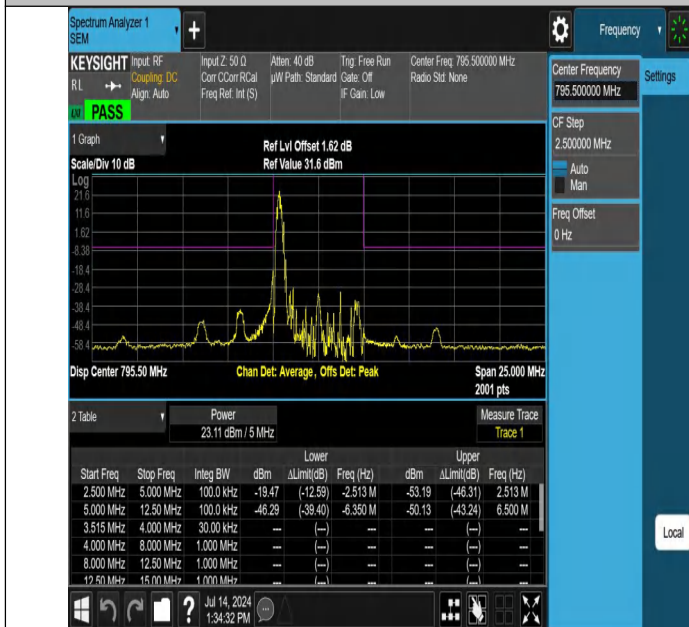
NTNV-Band14-5MHz-QPSK-23305-1RB#24-5.00-12.50-PASS



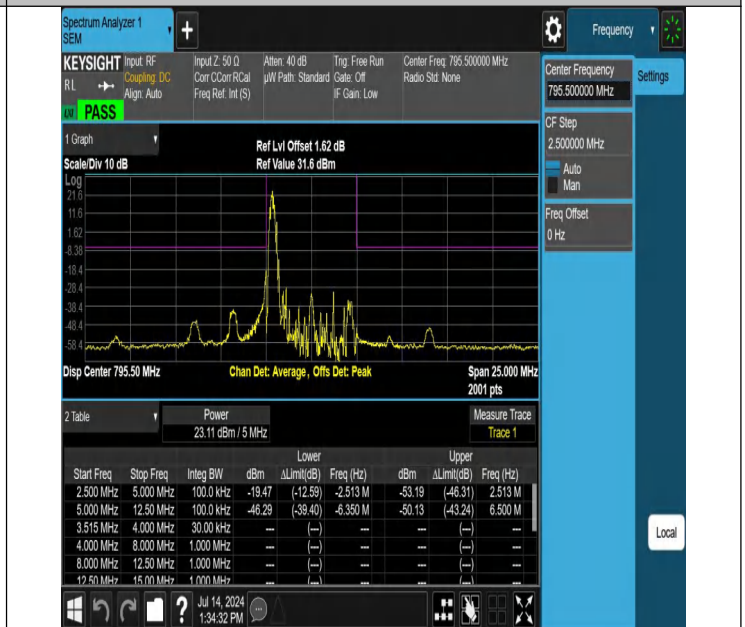
NTNV-Band14-5MHz-QPSK-23355-1RB#0--5.00--2.50-PASS



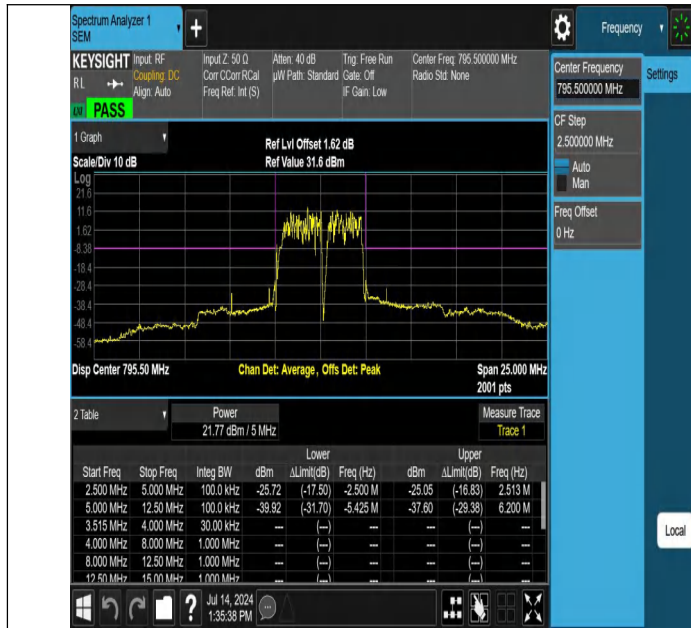
NTNV-Band14-5MHz-QPSK-23355-1RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#0--12.50--5.00-PASS



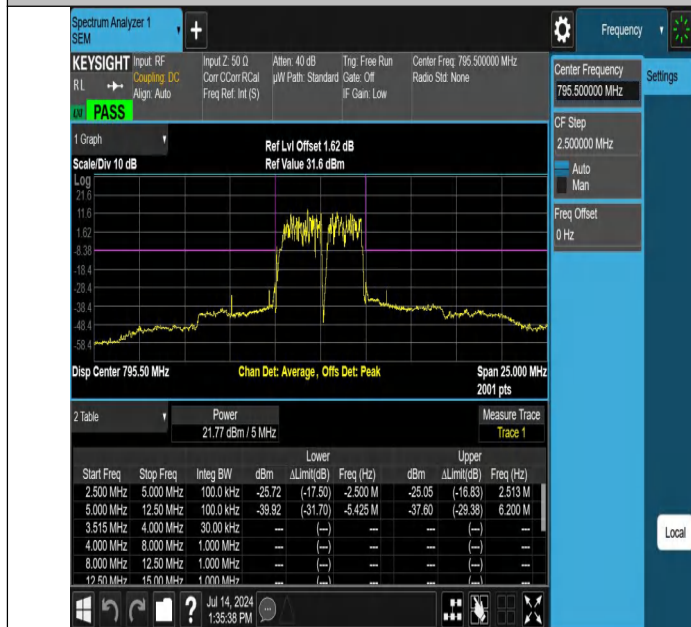
NTNV-Band14-5MHz-QPSK-23355-1RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-QPSK-23355-25RB#0--5.00--2.50-PASS



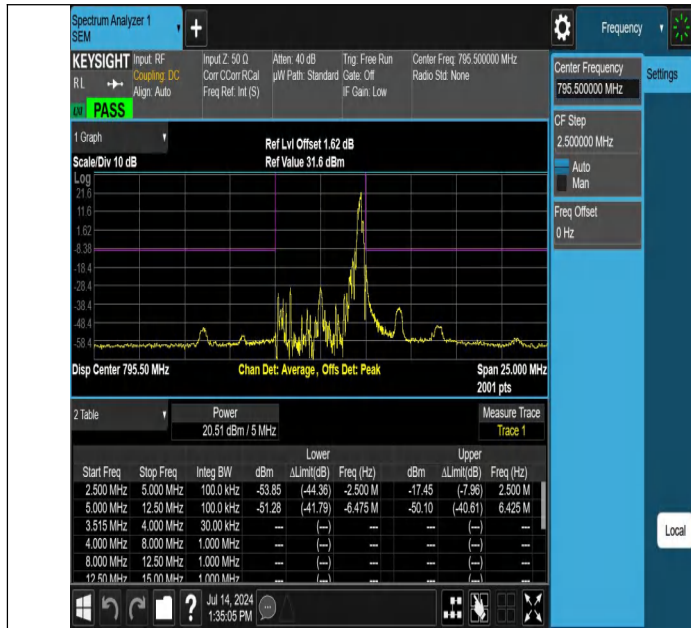
NTNV-Band14-5MHz-QPSK-23355-25RB#0-2.50-5.00-PASS



NTNV-Band14-5MHz-QPSK-23355-25RB#0--12.50--5.00-PASS



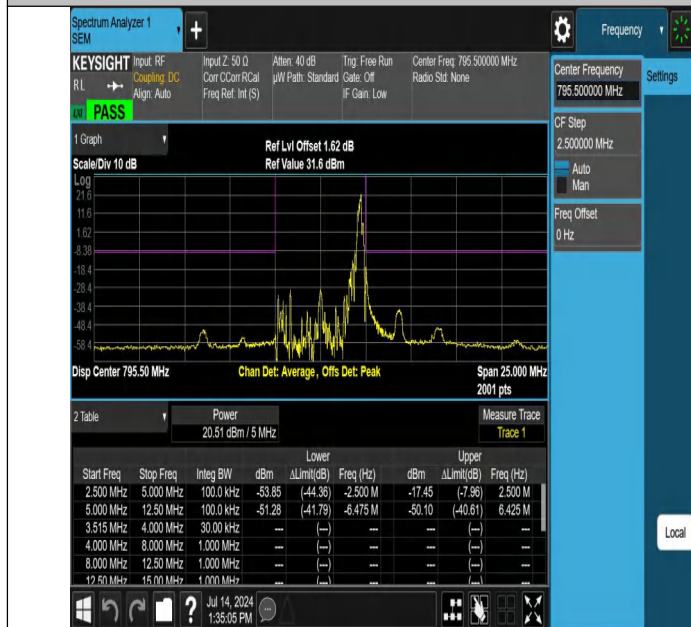
NTNV-Band14-5MHz-QPSK-23355-25RB#0-5.00-12.50-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24--5.00--2.50-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24--2.50-2.50-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24--12.50--5.00-PASS



NTNV-Band14-5MHz-QPSK-23355-1RB#24-5.00-12.50-PASS