

Effective (Isotropic) Radiated Power Output Data

Test Result

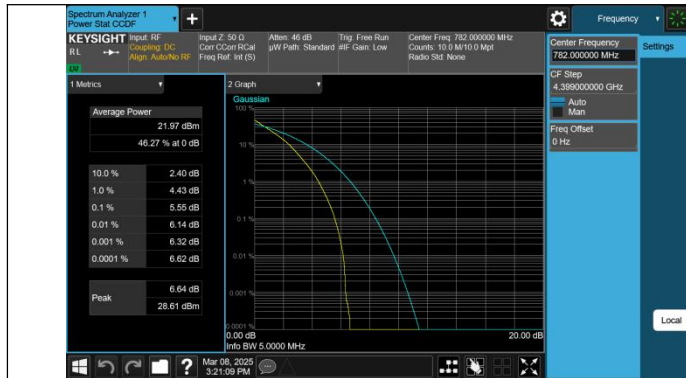
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.31	-0.7	20.46	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.50	-0.7	19.65	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.37	-0.7	20.52	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.34	-0.7	20.49	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.34	-0.7	20.49	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.51	-0.7	19.66	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.49	-0.7	20.64	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.16	-0.7	20.31	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.50	-0.7	20.65	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.50	-0.7	19.65	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.73	-0.7	20.88	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.60	-0.7	20.75	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.50	-0.7	19.65	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.70	-0.7	18.85	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.66	-0.7	19.81	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.43	-0.7	19.58	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.11	-0.7	19.26	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.37	-0.7	18.52	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.48	-0.7	19.63	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	21.96	-0.7	19.11	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.63	-0.7	19.78	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.44	-0.7	18.59	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.49	-0.7	19.64	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.64	-0.7	19.79	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.35	-0.7	20.5	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.51	-0.7	19.66	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.41	-0.7	20.56	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.25	-0.7	20.4	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.47	-0.7	19.62	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.49	-0.7	18.64	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.72	-0.7	19.87	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.47	-0.7	19.62	34.8	PASS

Peak-to-Average Ratio(CCDF)

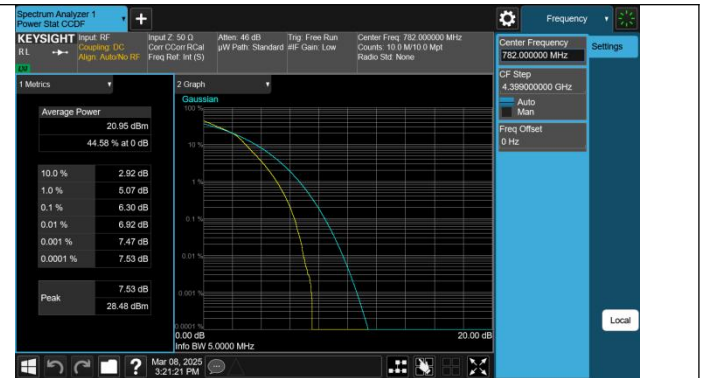
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	5.55	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.30	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.49	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.29	13	PASS

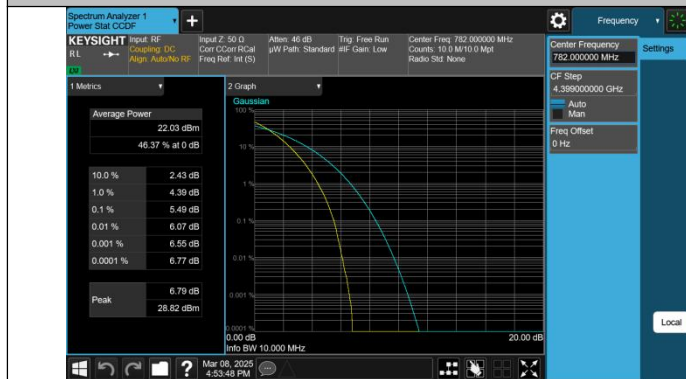
Test Graphs



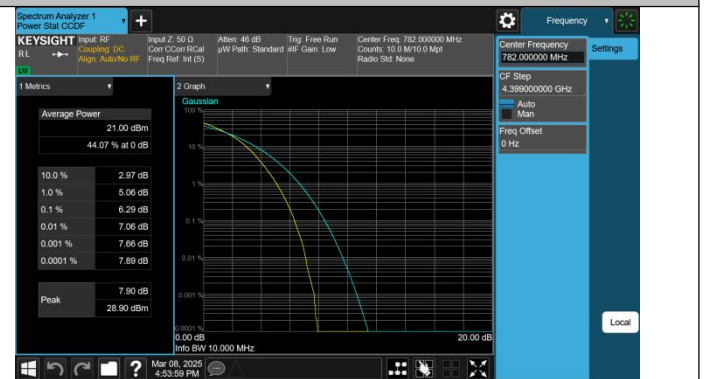
Band13-5MHz-QPSK-23230-25RB#0-PASS



Band13-5MHz-16QAM-23230-25RB#0-PASS



Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-16QAM-23230-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

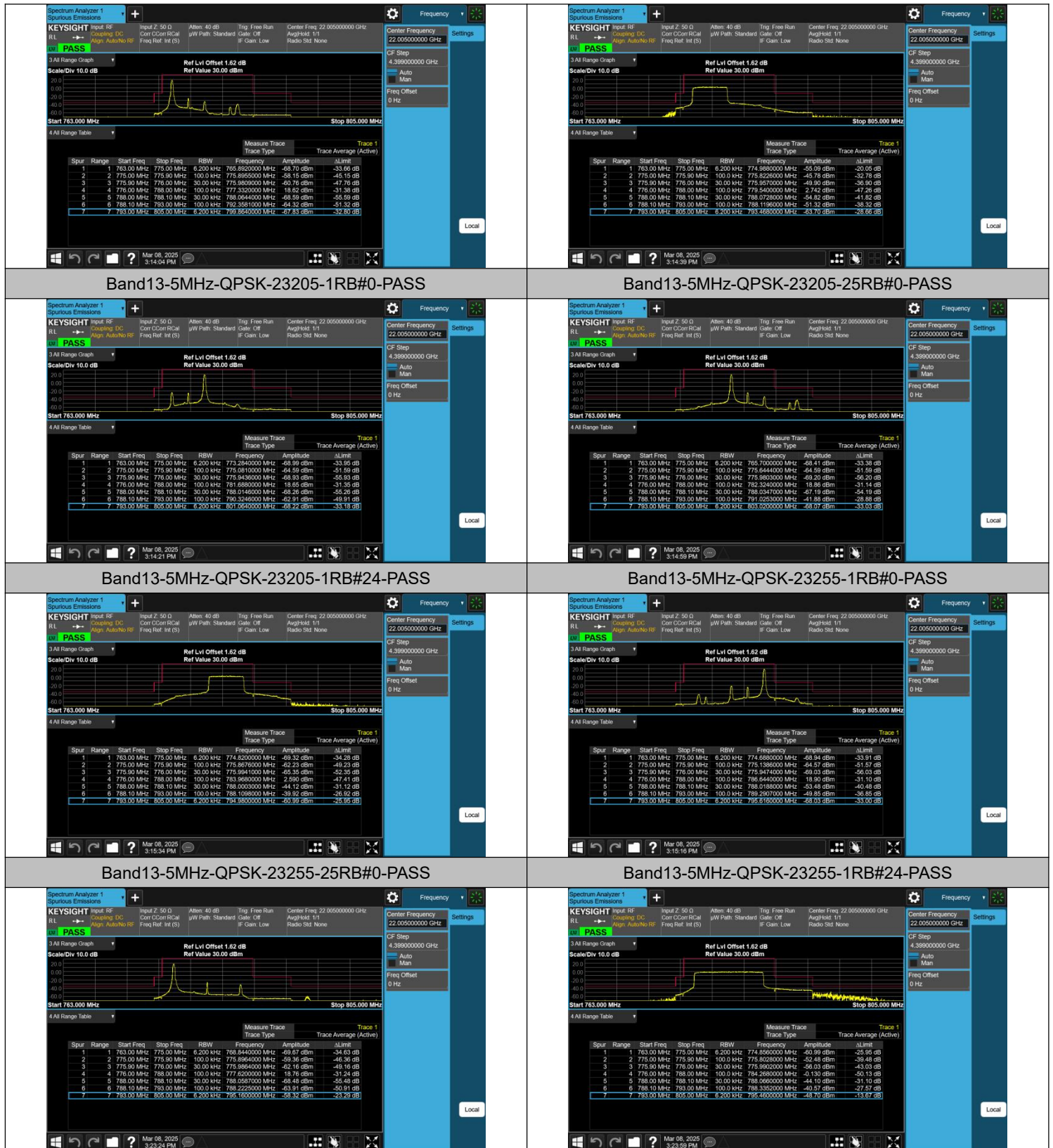
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.5001	5.000	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5179	5.038	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9444	9.815	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9398	9.787	PASS

Test Graphs



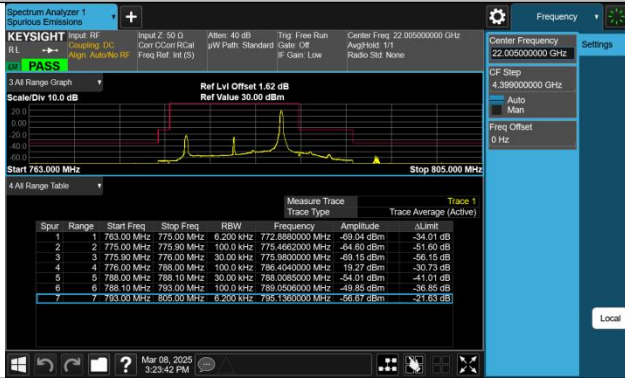
Band Edge

Test Graphs



Band13-10MHz-QPSK-23230-1RB#0-PASS

Band13-10MHz-QPSK-23230-50RB#0-PASS



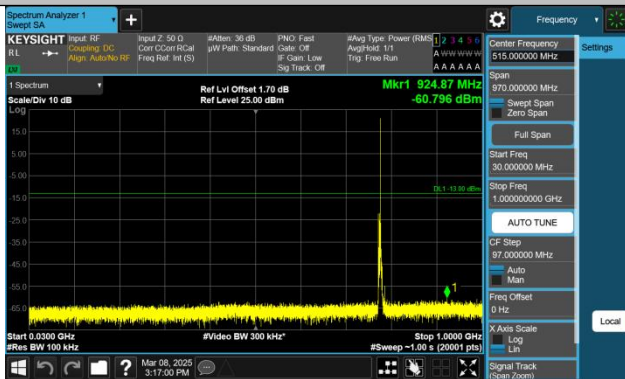
Band13-10MHz-QPSK-23230-1RB#49-PASS

Conducted Spurious Emission

Test Graphs



Band13-5MHz-QPSK-23205-1RB#24-0.009~0.15-PASS



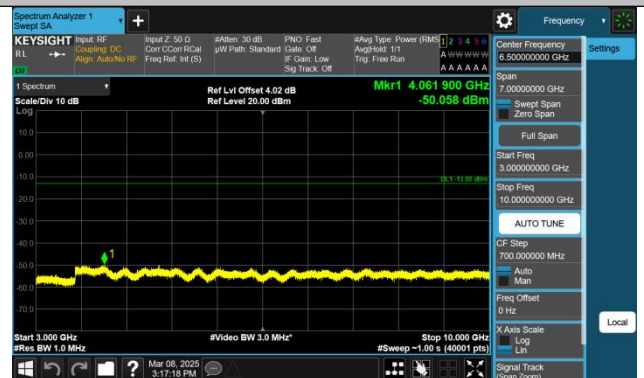
Band13-5MHz-QPSK-23205-1RB#24-0.15~30-PASS



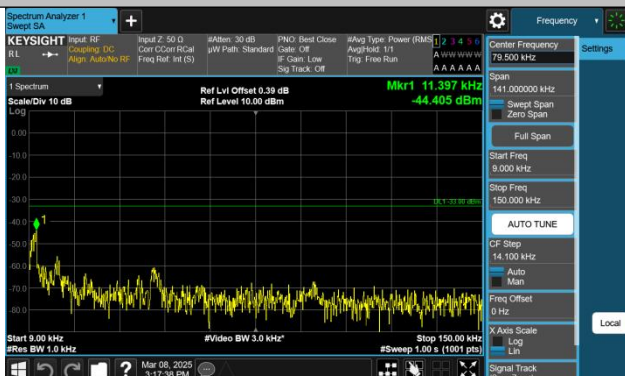
Band13-5MHz-QPSK-23205-1RB#24-30~1000-PASS



Band13-5MHz-QPSK-23205-1RB#24-1559~1610-PASS



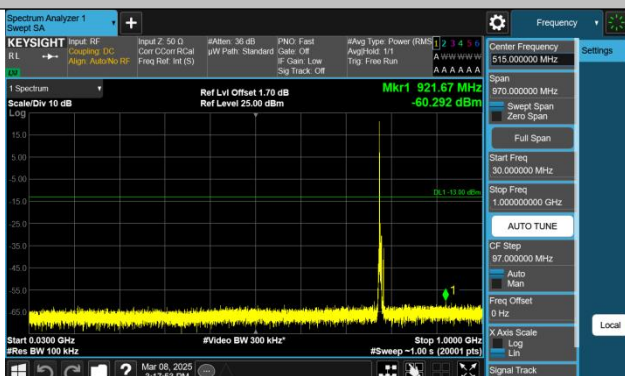
Band13-5MHz-QPSK-23205-1RB#24-1000~3000-PASS



Band13-5MHz-QPSK-23205-1RB#24-3000~10000-PASS



Band13-5MHz-QPSK-23230-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23230-1RB#0-0.15~30-PASS

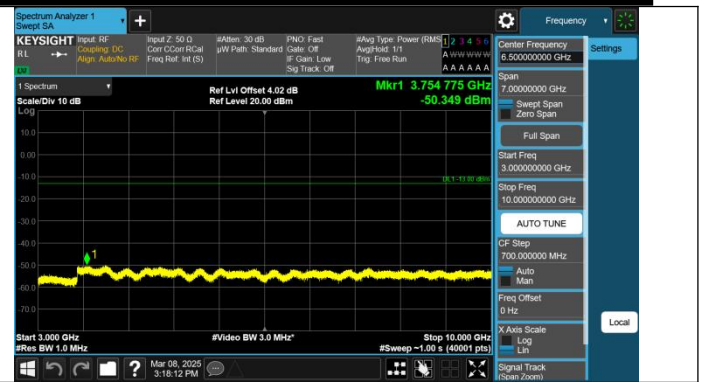


Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS

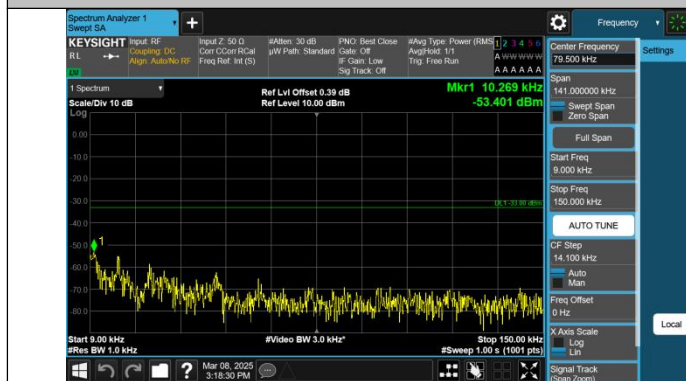
Band13-5MHz-QPSK-23230-1RB#0-1559~1610-PASS



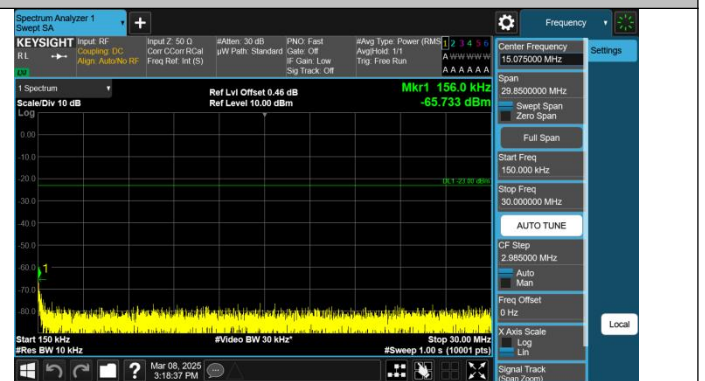
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



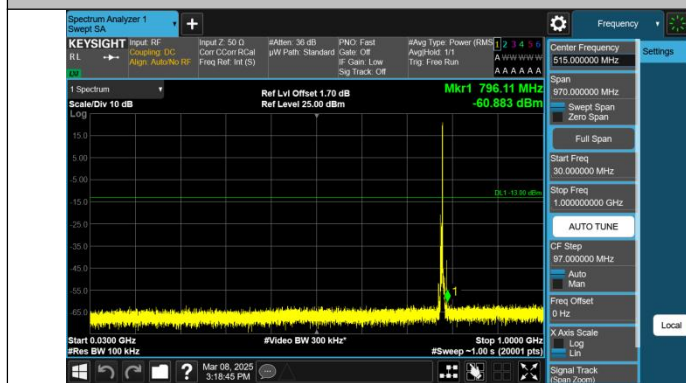
Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



Band13-5MHz-QPSK-23230-1RB#24-0.009~0.15-PASS



Band13-5MHz-QPSK-23230-1RB#24-0.15~30-PASS



Band13-5MHz-QPSK-23230-1RB#24-30~1000-PASS



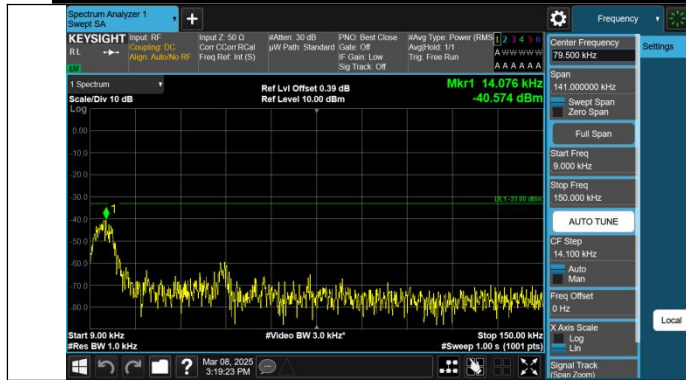
Band13-5MHz-QPSK-23230-1RB#24-1559~1610-PASS



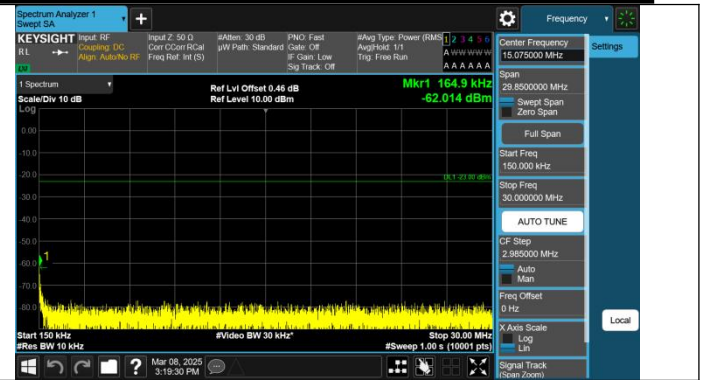
Band13-5MHz-QPSK-23230-1RB#24-1000~3000-PASS



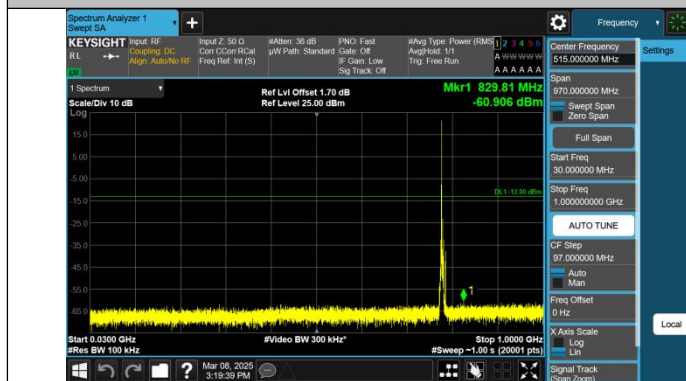
Band13-5MHz-QPSK-23230-1RB#24-3000~10000-PASS



Band13-5MHz-QPSK-23255-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23255-1RB#0-0.15~30-PASS



Band13-5MHz-QPSK-23255-1RB#0-30~1000-PASS



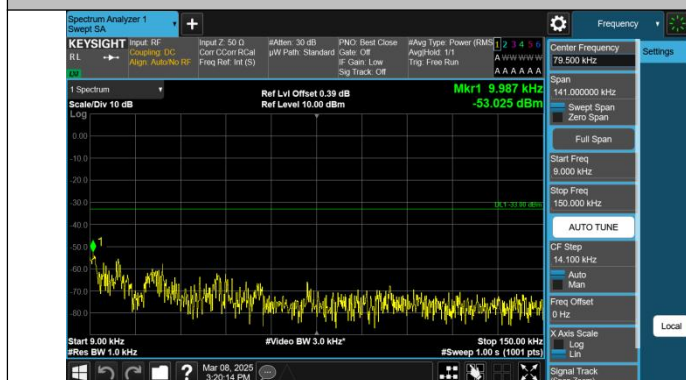
Band13-5MHz-QPSK-23255-1RB#0-1559~1610-PASS



Band13-5MHz-QPSK-23255-1RB#0-1000~3000-PASS



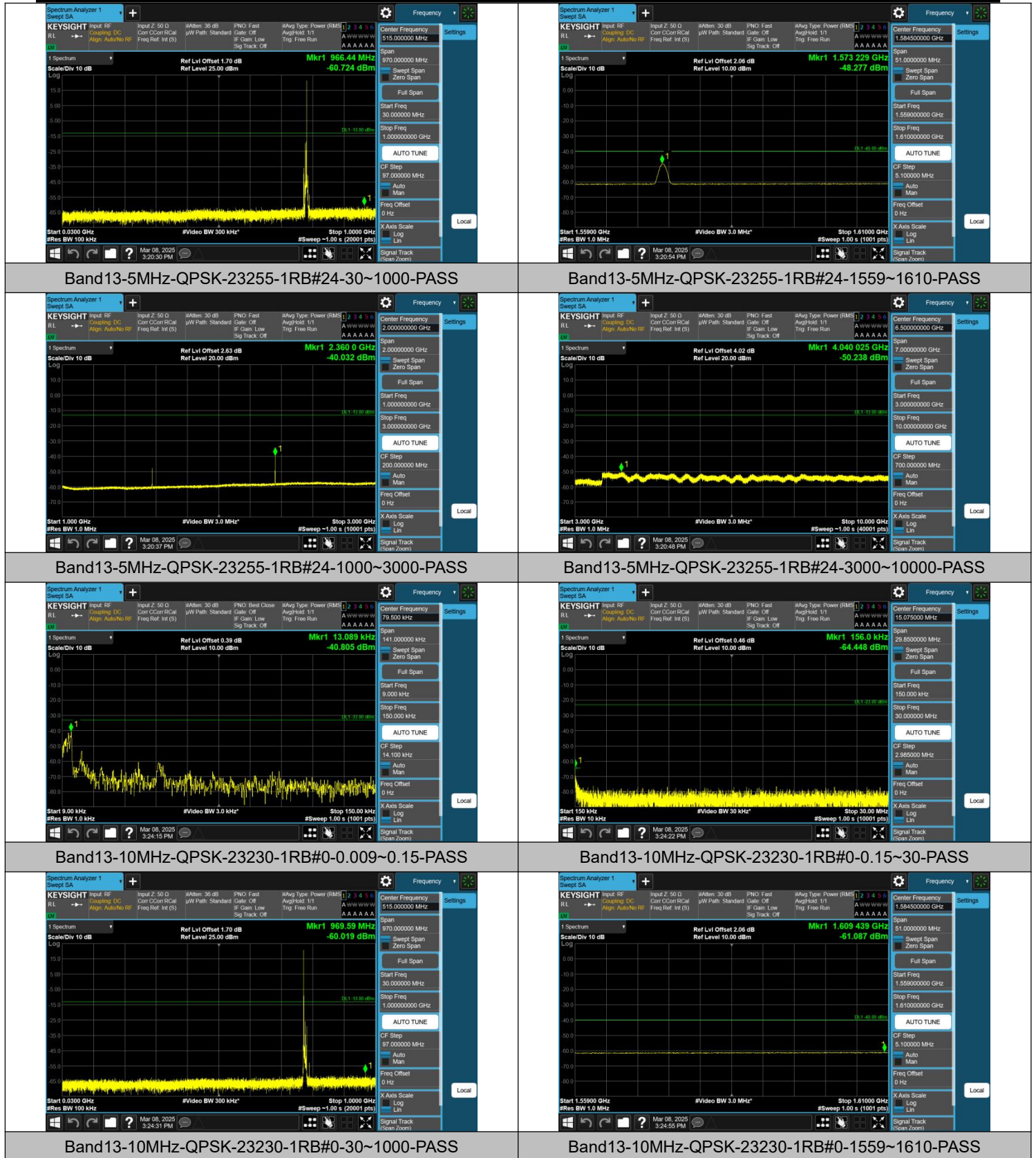
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



Band13-5MHz-QPSK-23255-1RB#24-0.009~0.15-PASS

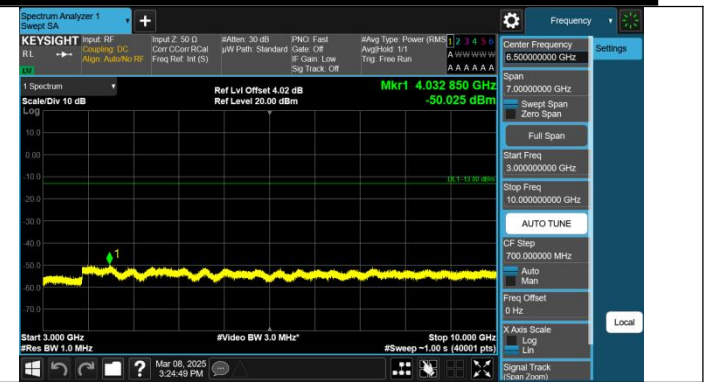


Band13-5MHz-QPSK-23255-1RB#24-0.15~30-PASS

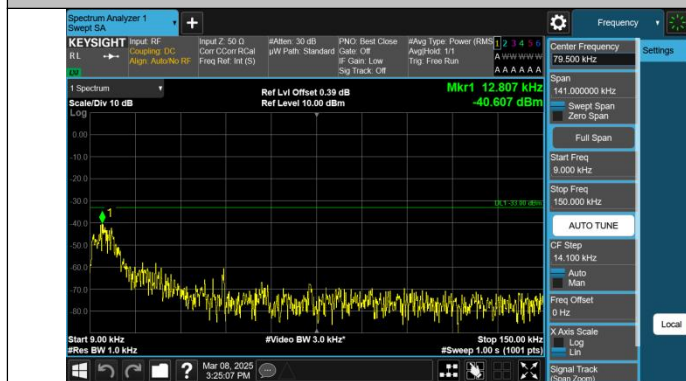




Band13-10MHz-QPSK-23230-1RB#0-1000~3000-PASS



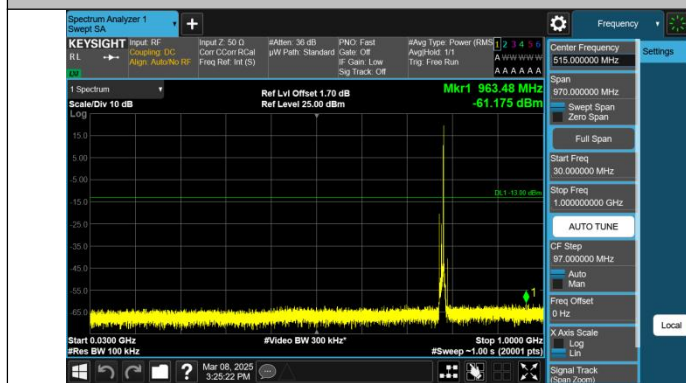
Band13-10MHz-QPSK-23230-1RB#0-3000~10000-PASS



Band13-10MHz-QPSK-23230-1RB#49-0.009~0.15-PASS



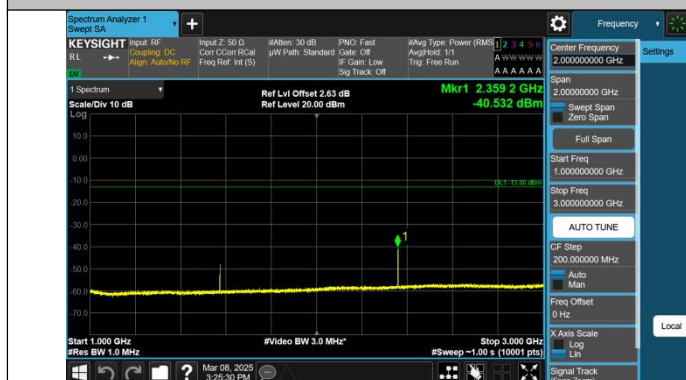
Band13-10MHz-QPSK-23230-1RB#49-0.15~30-PASS



Band13-10MHz-QPSK-23230-1RB#49-30~1000-PASS



Band13-10MHz-QPSK-23230-1RB#49-1559~1610-PASS



Band13-10MHz-QPSK-23230-1RB#49-1000~3000-PASS



Band13-10MHz-QPSK-23230-1RB#49-3000~10000-PASS

Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 13	10MHz	QPSK	23230	50RB#0	VN	NT	460.00	0.588235	±NA	777.54551	786.45541	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	2010.00	2.570332	±NA	777.55076	786.45326	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	-110.00	-0.140665	±NA	777.54194	786.45784	777-787	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 13	10MHz	QPSK	23230	50RB#0	NV	-30	1400.00	1.790281	±NA	777.54575	786.45705	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	1520.00	1.943734	±NA	777.54537	786.45767	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	4610.00	5.895141	±NA	777.55156	786.45766	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	2160.00	2.762148	±NA	777.54891	786.45541	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	-780.00	-0.997442	±NA	777.54197	786.45647	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	-530.00	-0.677749	±NA	777.54592	786.45302	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	730.00	0.933504	±NA	777.54953	786.45193	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	1980.00	2.531969	±NA	777.54858	786.45538	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	1720.00	2.199488	±NA	777.54847	786.45497	777-787	PASS

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