

Effective (Isotropic) Radiated Power Output Data

Test Result

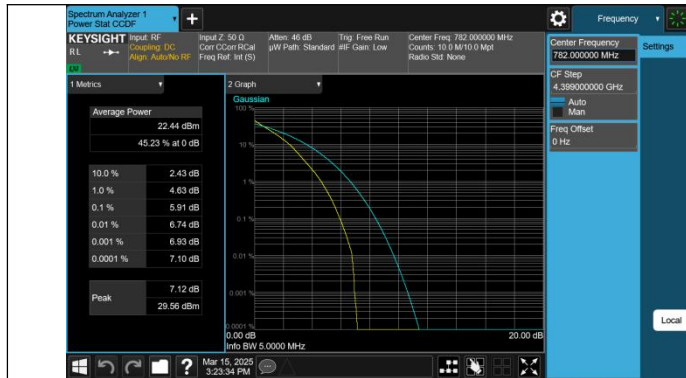
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain(dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.78	4.45	26.08	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.88	4.45	25.18	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.84	4.45	26.14	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.8	4.45	26.1	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.84	4.45	26.14	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.65	4.45	24.95	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.68	4.45	25.98	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.59	4.45	25.89	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.82	4.45	26.12	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.71	4.45	25.01	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.7	4.45	26	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.69	4.45	25.99	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.49	4.45	24.79	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.03	4.45	24.33	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.8	4.45	25.1	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.65	4.45	24.95	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.12	4.45	25.42	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.79	4.45	24.09	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.9	4.45	25.2	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.94	4.45	25.24	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.74	4.45	25.04	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.88	4.45	24.18	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.78	4.45	25.08	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.68	4.45	24.98	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.63	4.45	25.93	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.82	4.45	25.12	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.52	4.45	25.82	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.4	4.45	25.7	34.8	PASS
Band13	10MHz	16QAM	23230	27RB#0	22.16	4.45	24.46	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.95	4.45	25.25	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.02	4.45	25.32	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.88	4.45	25.18	34.8	PASS

Peak-to-Average Ratio(CCDF)

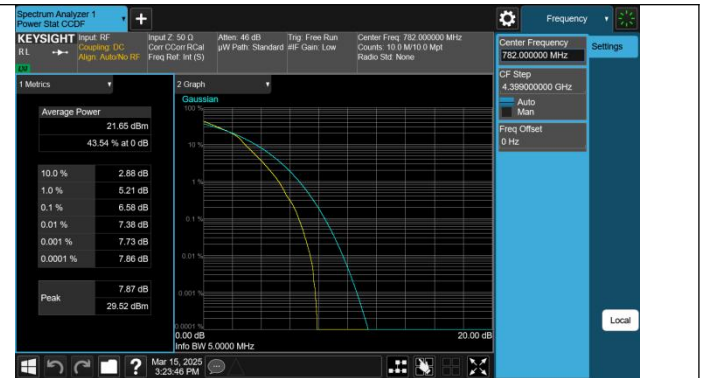
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	5.91	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.58	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.88	13	PASS
Band13	10MHz	16QAM	23230	27RB#0	6.57	13	PASS

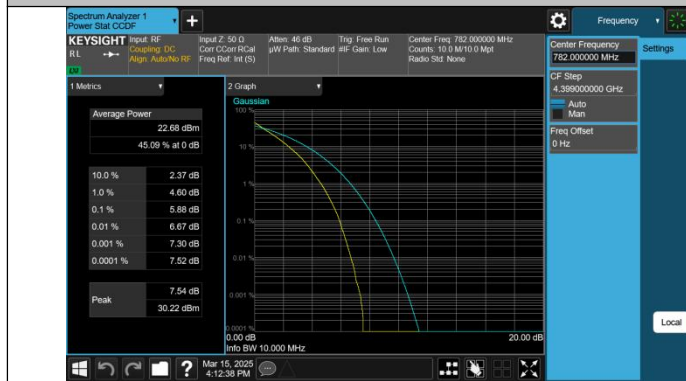
Test Graphs



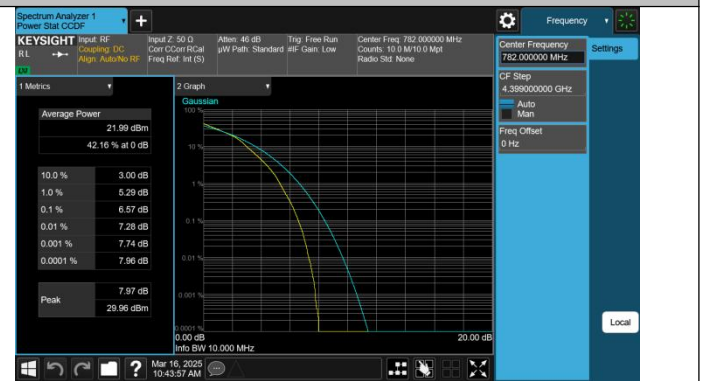
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



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



Band13-10MHz-16QAM-23230-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

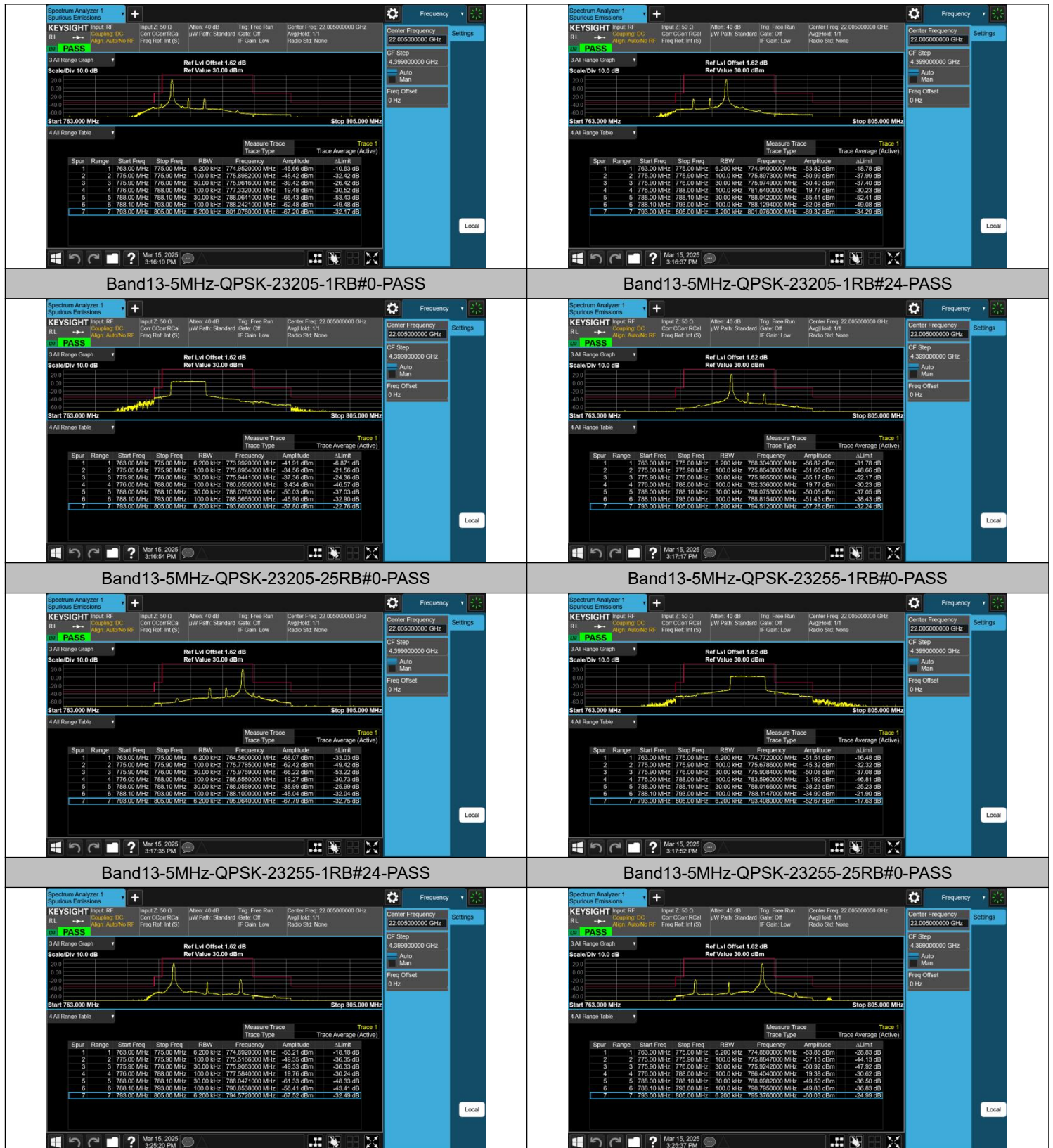
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.5157	5.106	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4974	5.417	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9813	10.19	PASS
Band13	10MHz	16QAM	23230	27RB#0	5.0266	6.346	PASS

Test Graphs

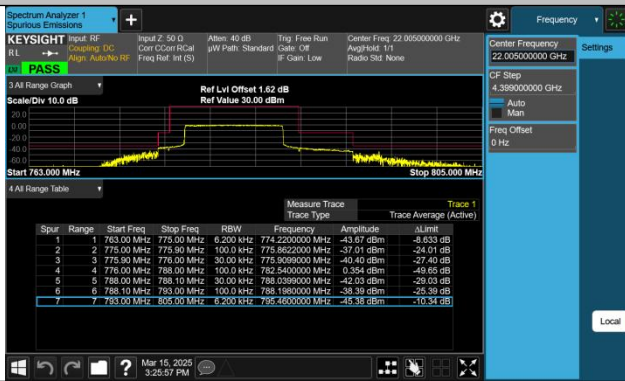


Band Edge

Test Graphs



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

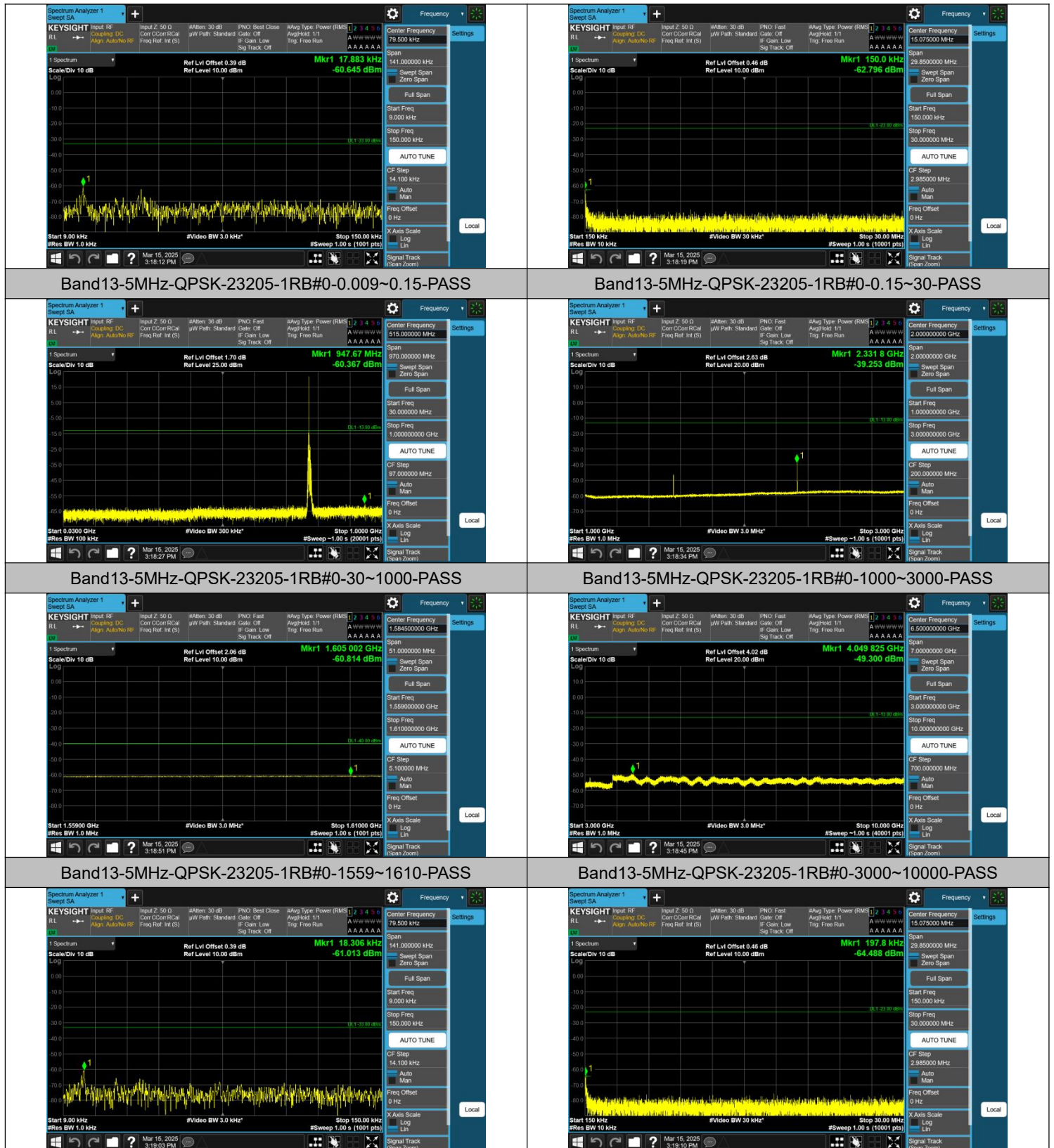


Band13-10MHz-QPSK-23230-1RB#49-PASS

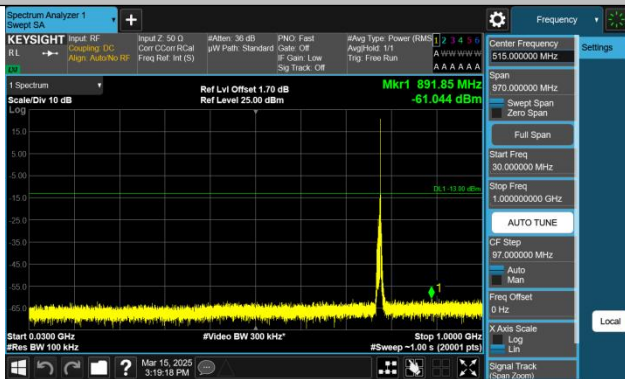
Band13-10MHz-QPSK-23230-50RB#0-PASS

Conducted Spurious Emission

Test Graphs



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



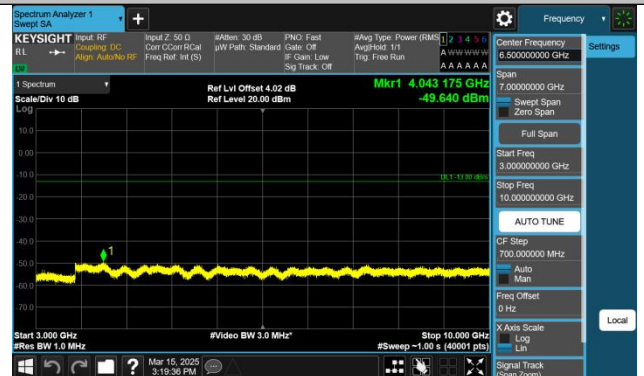
Band13-5MHz-QPSK-23205-1RB#24-0.15~30-PASS



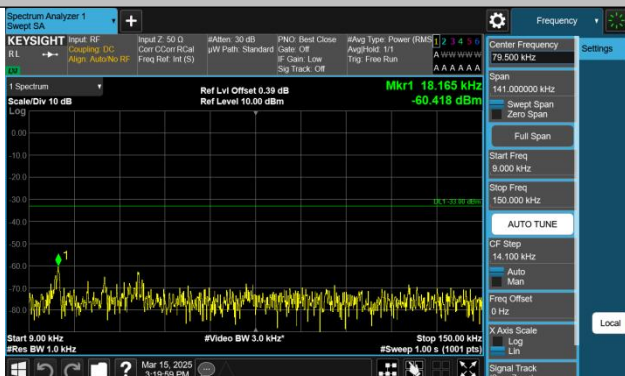
Band13-5MHz-QPSK-23205-1RB#24-30~1000-PASS



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



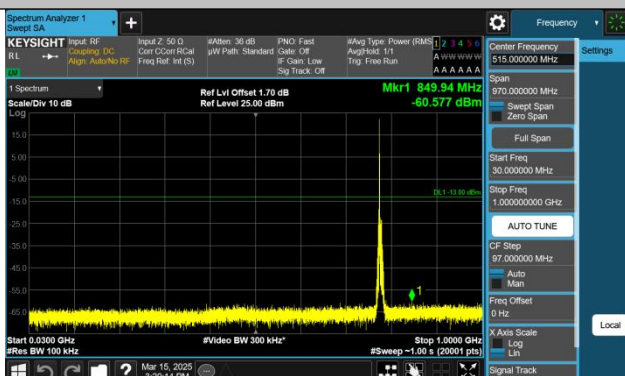
Band13-5MHz-QPSK-23205-1RB#24-1559~1610-PASS



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

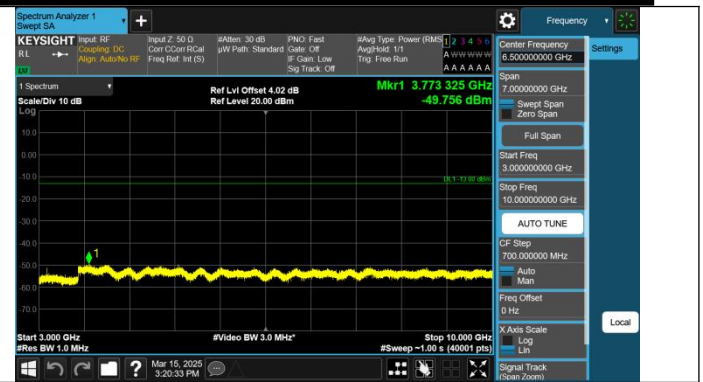


Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS

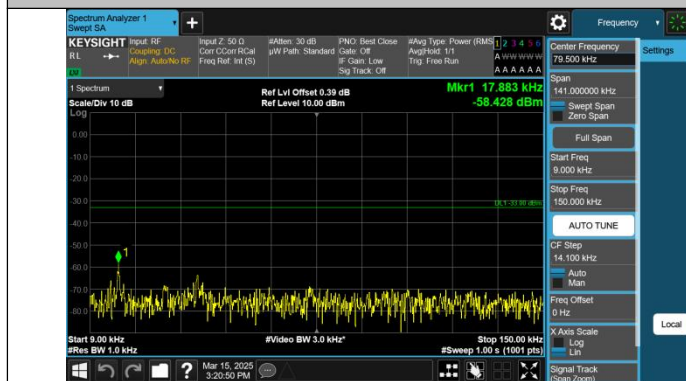
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



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



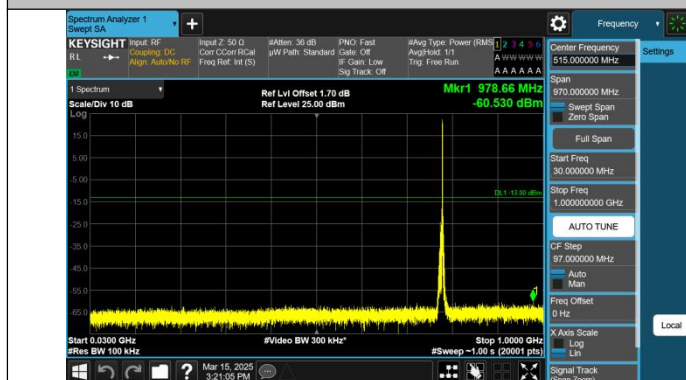
Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



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#24-1000~3000-PASS



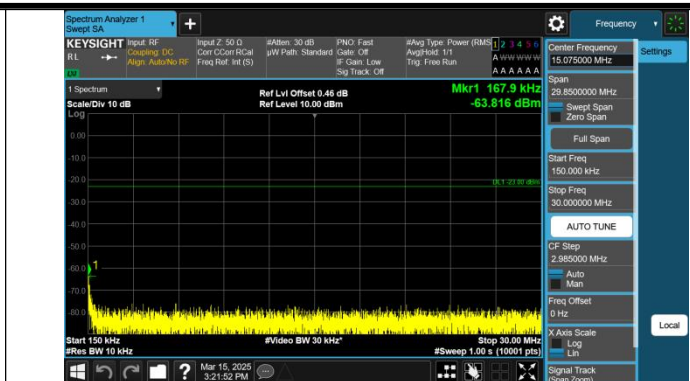
Band13-5MHz-QPSK-23230-1RB#24-1559~1610-PASS



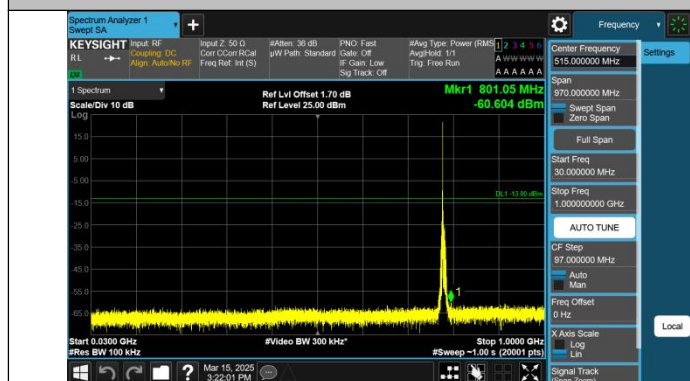
Band13-5MHz-QPSK-23230-1RB#24-3000~10000-PASS



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



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



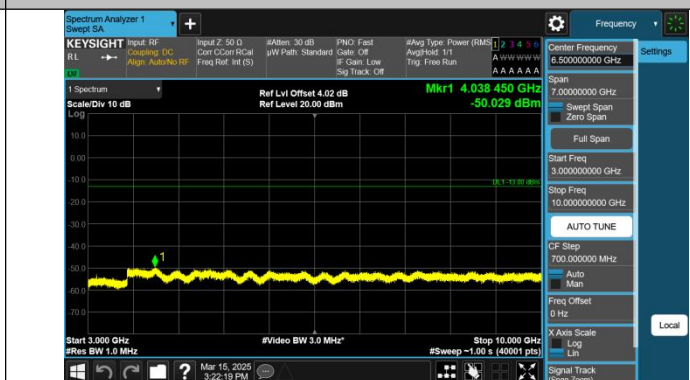
Band13-5MHz-QPSK-23255-1RB#0-30~1000-PASS



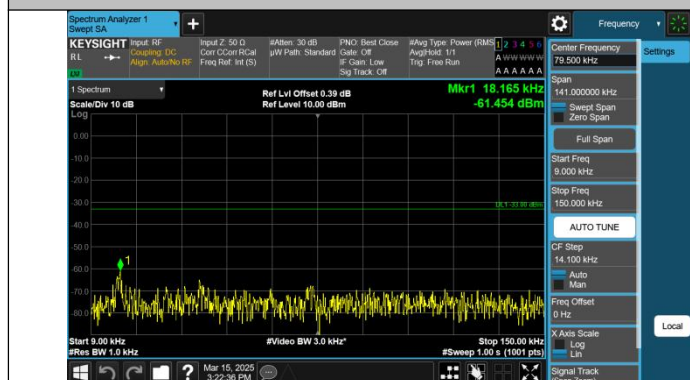
Band13-5MHz-QPSK-23255-1RB#0-1000~3000-PASS



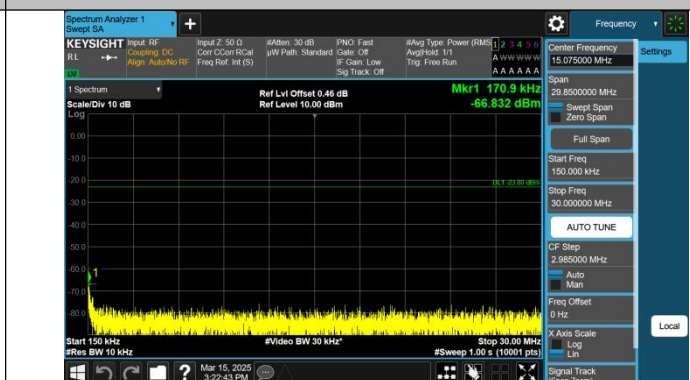
Band13-5MHz-QPSK-23255-1RB#0-1559~1610-PASS



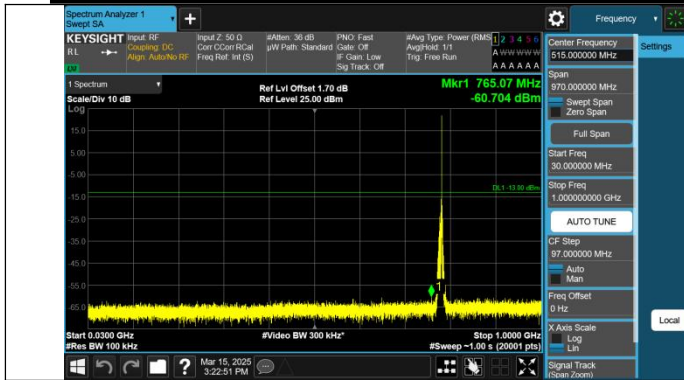
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



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



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



Band13-5MHz-QPSK-23255-1RB#24-30~1000-PASS



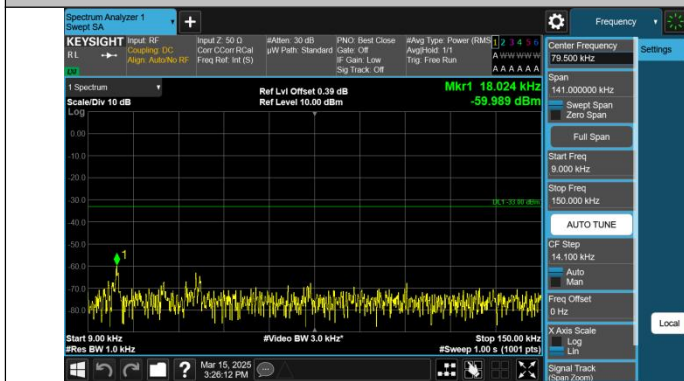
Band13-5MHz-QPSK-23255-1RB#24-1000~3000-PASS



Band13-5MHz-QPSK-23255-1RB#24-1559~1610-PASS



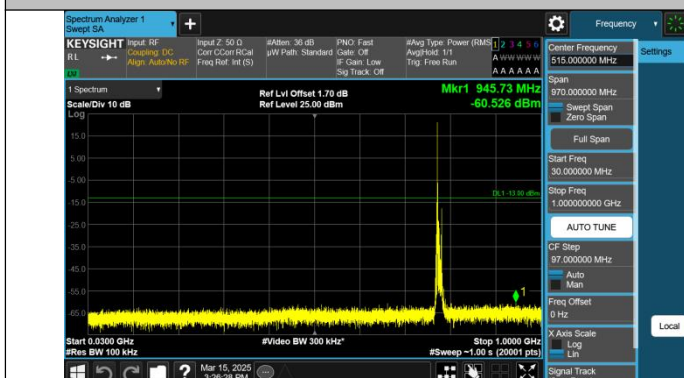
Band13-5MHz-QPSK-23255-1RB#24-3000~10000-PASS



Band13-10MHz-QPSK-23230-1RB#0-0.009~0.15-PASS



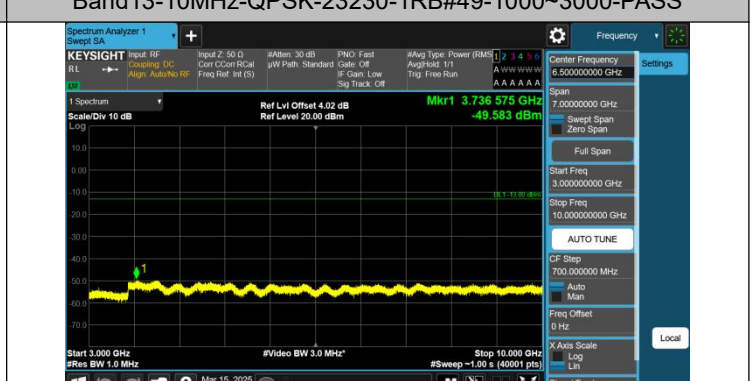
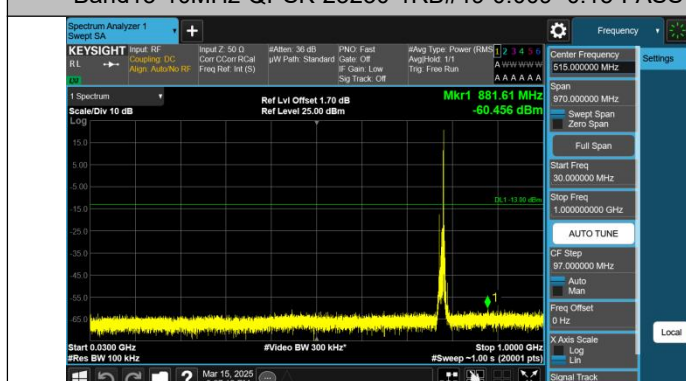
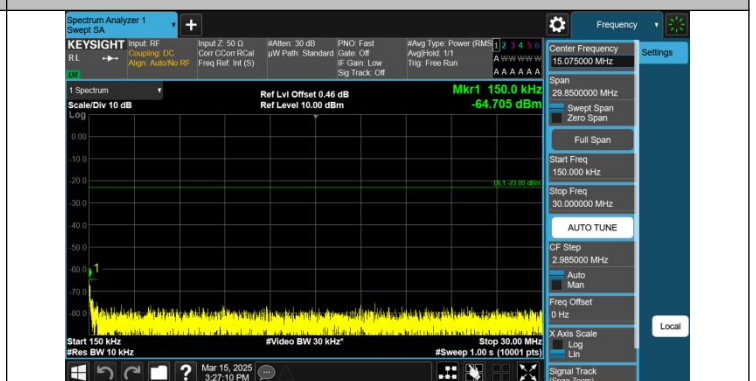
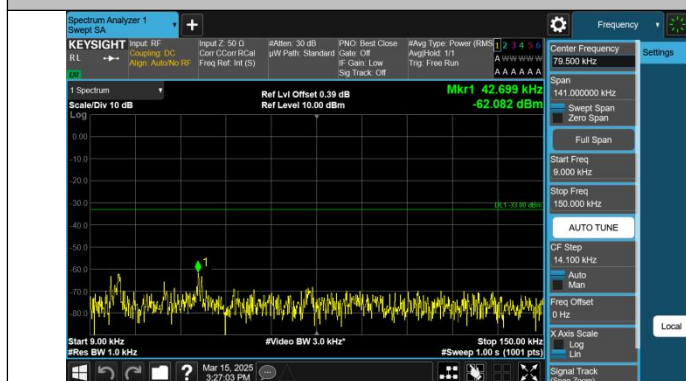
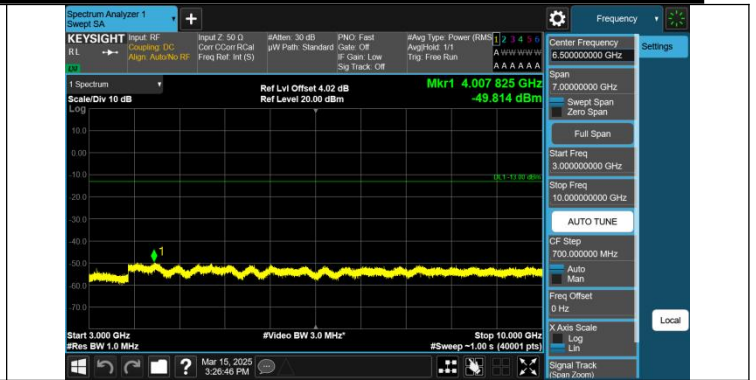
Band13-10MHz-QPSK-23230-1RB#0-0.15~30-PASS



Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS



Band13-10MHz-QPSK-23230-1RB#0-1000~3000-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	-8450.00	-10.805627	±NA	777.53665	786.44645	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	-9240.00	-11.815857	±NA	777.53256	786.44896	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	-9060.00	-11.585678	±NA	777.53124	786.45064	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	-8000.00	-10.230179	±NA	777.5346	786.4494	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	-8320.00	-10.639386	±NA	777.53323	786.45013	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	-7110.00	-9.092072	±NA	777.53779	786.44799	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	-8810.00	-11.265985	±NA	777.53349	786.44889	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	-8400.00	-10.741688	±NA	777.53565	786.44755	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	-10950.00	-14.002558	±NA	777.5313	786.4468	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	-8000.00	-10.230179	±NA	777.53545	786.44855	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	-9630.00	-12.314578	±NA	777.53317	786.44757	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	-6730.00	-8.606138	±NA	777.53462	786.45192	777-787	PASS

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