

Effective (Isotropic) Radiated Power Output Data

Test Result

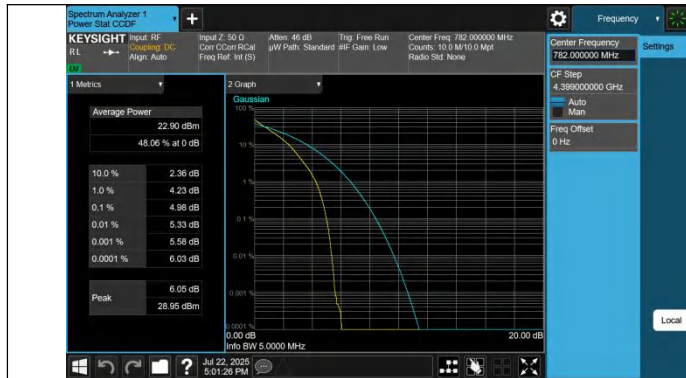
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain(dBi)	E(I)RP(dBm)	Limit(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.51	4.45	25.81	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.58	4.45	25.88	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.59	4.45	25.89	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.5	4.45	24.8	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.63	4.45	25.93	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.61	4.45	25.91	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.59	4.45	25.89	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.58	4.45	24.88	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.57	4.45	25.87	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.96	4.45	26.26	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.8	4.45	26.1	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.58	4.45	24.88	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.5	4.45	24.8	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.81	4.45	25.11	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.57	4.45	24.87	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.53	4.45	23.83	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.08	4.45	24.38	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.55	4.45	24.85	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.26	4.45	24.56	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.76	4.45	24.06	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.54	4.45	24.84	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.97	4.45	25.27	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.6	4.45	24.9	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.54	4.45	23.84	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.55	4.45	25.85	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.77	4.45	26.07	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.65	4.45	25.95	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.52	4.45	24.82	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.61	4.45	24.91	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.04	4.45	25.34	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.7	4.45	25	34.8	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.59	4.45	23.89	34.8	PASS

Peak-to-Average Ratio(CCDF)

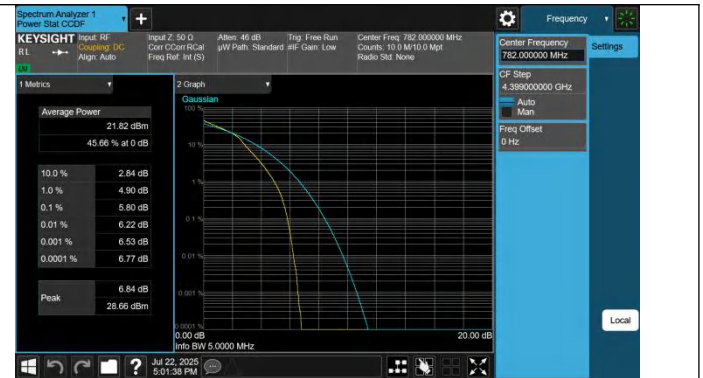
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.98	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.80	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.86	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.72	13	PASS

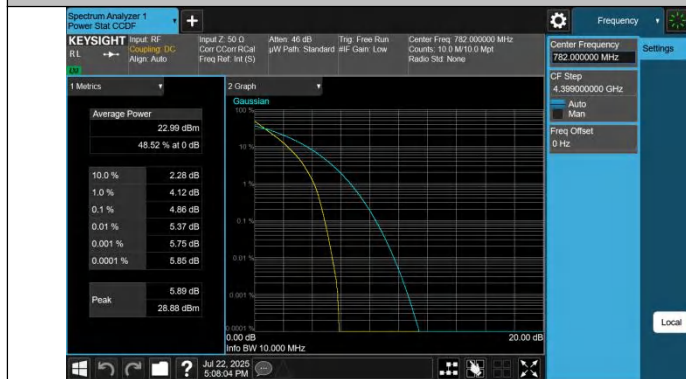
Test Graphs



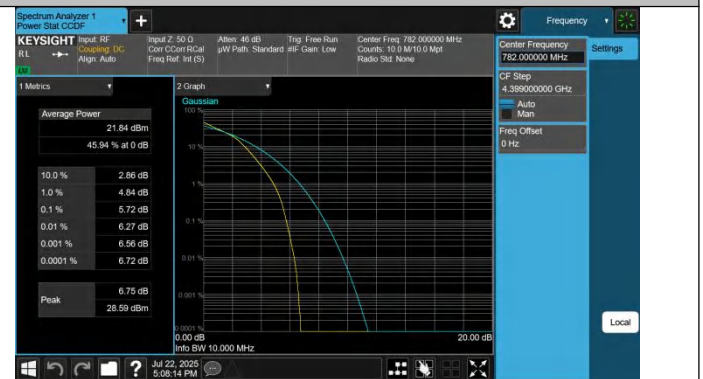
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



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



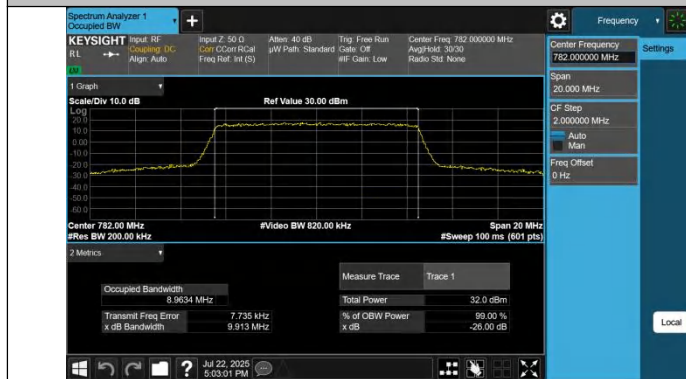
Band13-10MHz-16QAM-23230-50RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

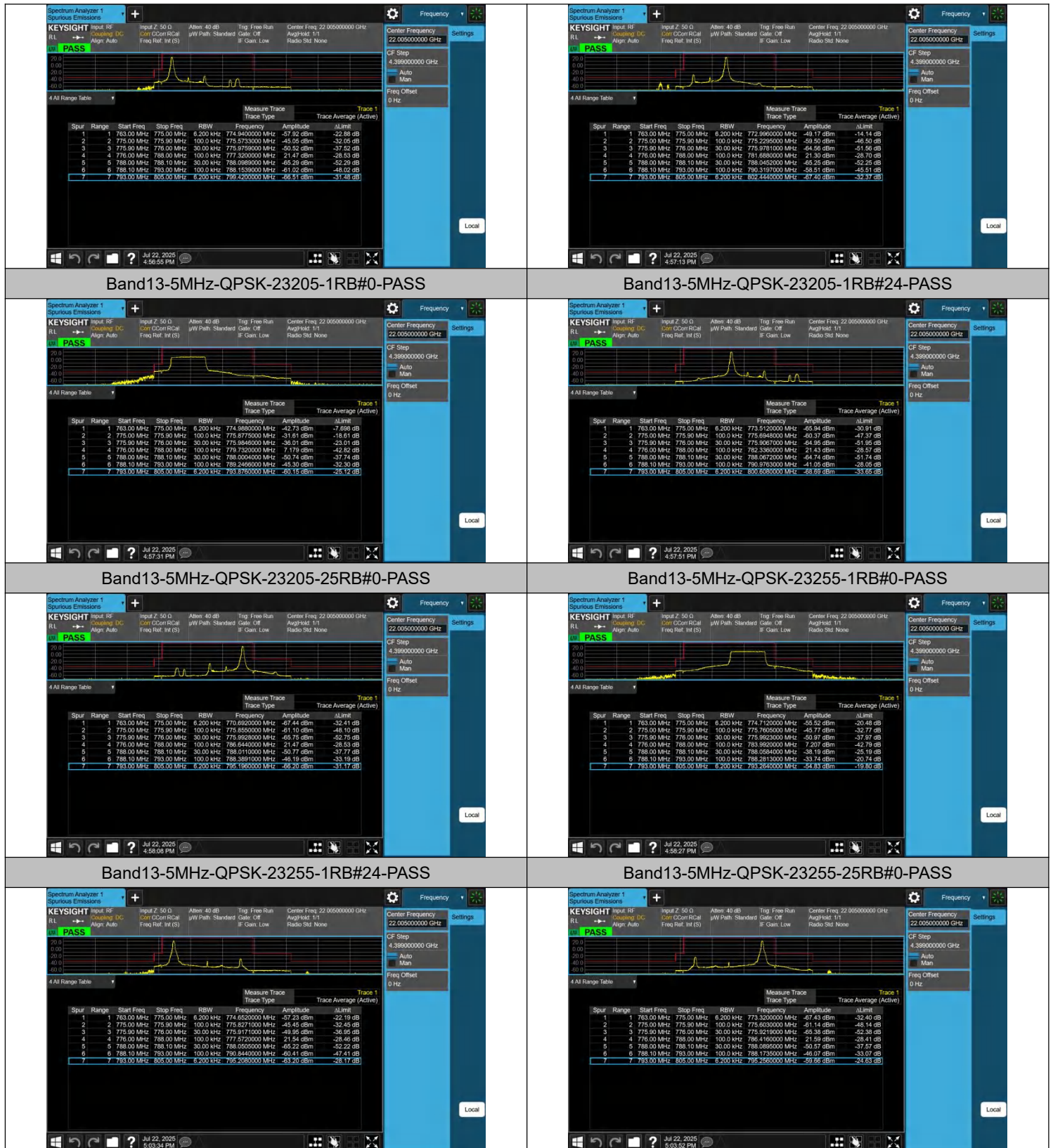
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.5075	5.012	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5222	5.033	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9634	9.913	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9538	9.833	PASS

Test Graphs

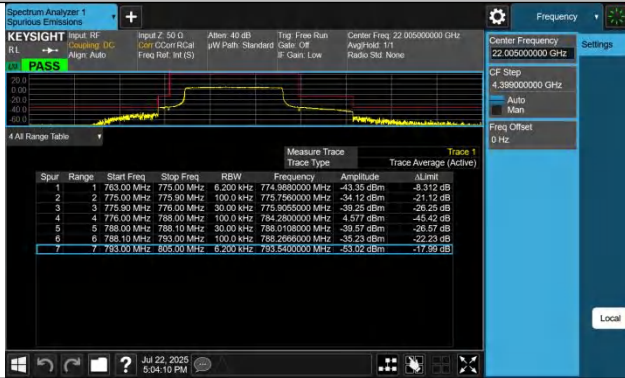


Band Edge

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

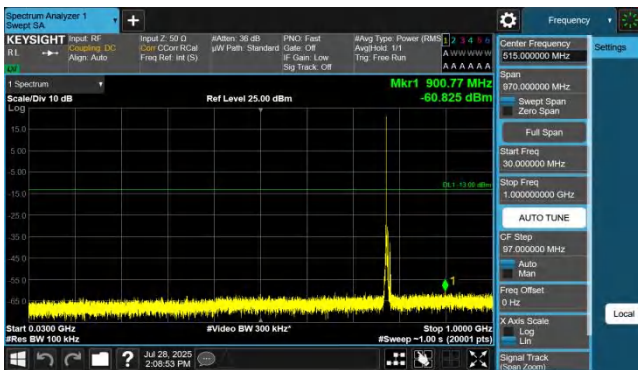
Test Graphs



Band13-5MHz-QPSK-23205-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23205-1RB#0-0.15~30-PASS



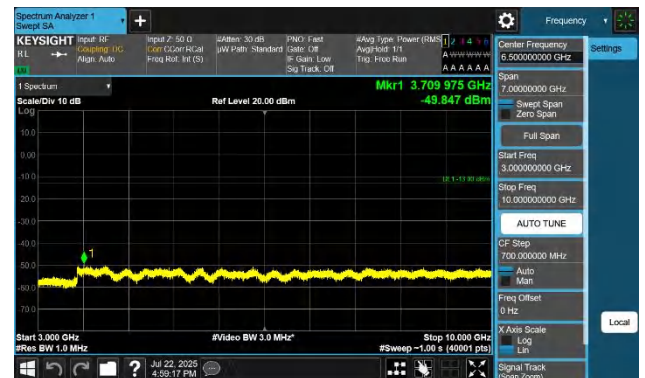
Band13-5MHz-QPSK-23205-1RB#0-30~1000-PASS



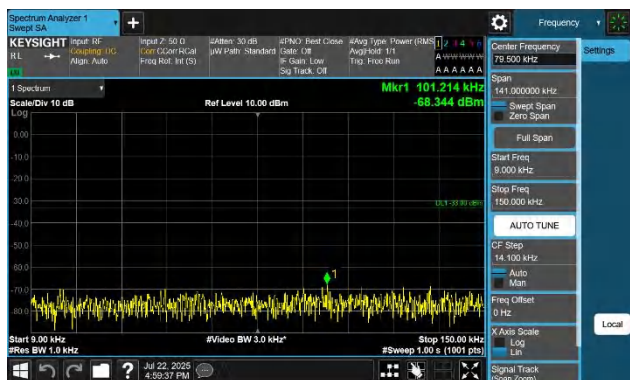
Band13-5MHz-QPSK-23205-1RB#0-1000~3000-PASS



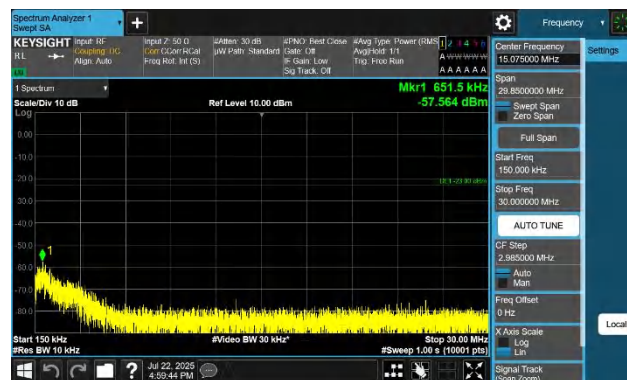
Band13-5MHz-QPSK-23205-1RB#0-1559~1610-PASS



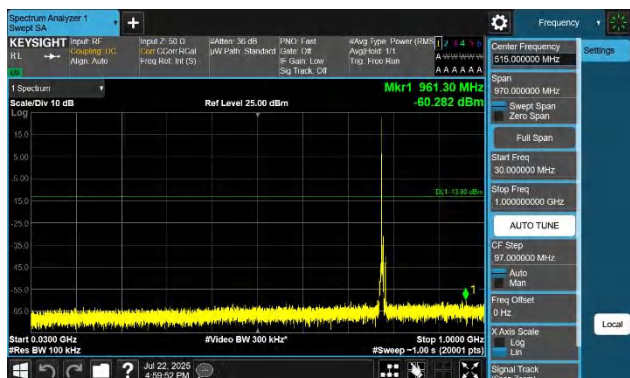
Band13-5MHz-QPSK-23205-1RB#0-3000~10000-PASS



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



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



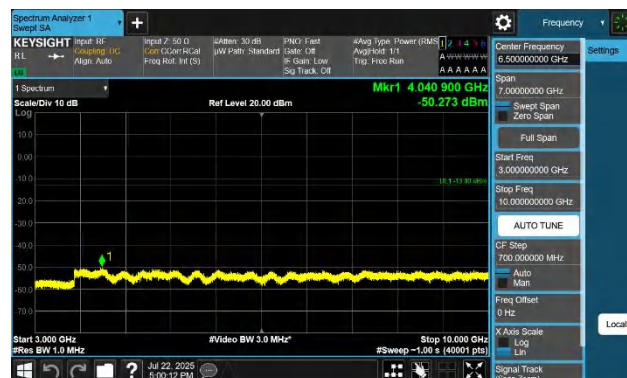
Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS



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



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



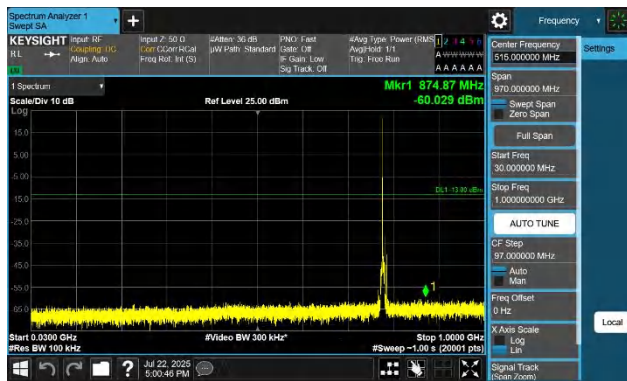
Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



Band13-5MHz-QPSK-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



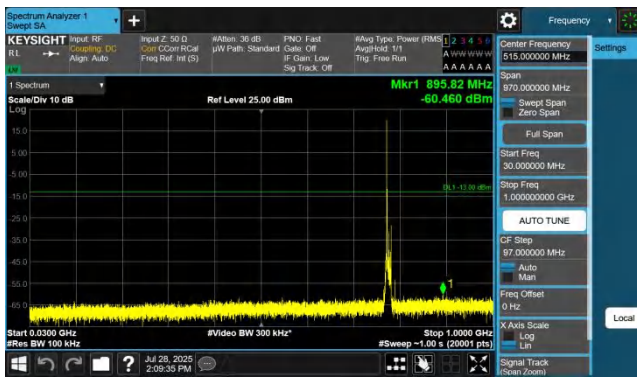
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



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



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



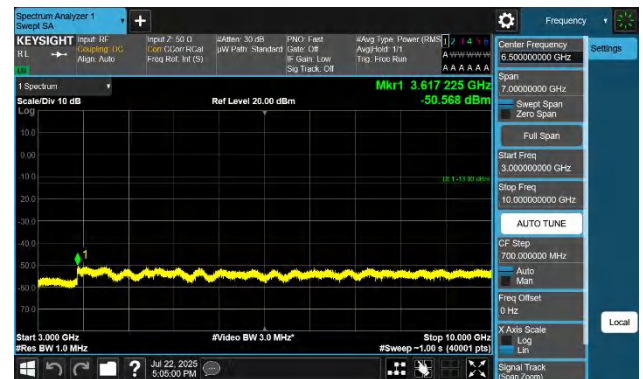
Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS



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



Band13-10MHz-QPSK-23230-1RB#0-1559~1610-PASS



Band13-10MHz-QPSK-23230-1RB#0-3000~10000-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	-1770.00	-2.263427	±NA	777.53668	786.45978	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	-60.00	-0.076726	±NA	777.53549	786.46439	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	1640.00	2.097187	±NA	777.54144	786.46184	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	-690.00	-0.882353	±NA	777.53536	786.46326	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	-590.00	-0.754476	±NA	777.53301	786.46581	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	780.00	0.997442	±NA	777.53848	786.46308	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	-230.00	-0.294118	±NA	777.53792	786.46162	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	-2040.00	-2.608696	±NA	777.53496	786.46096	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	3360.00	4.296675	±NA	777.54331	786.46341	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	3770.00	4.820972	±NA	777.53947	786.46807	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	4180.00	5.345269	±NA	777.54163	786.46673	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	-920.00	-1.176471	±NA	777.53573	786.46243	777-787	PASS

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