

Effective (Isotropic) Radiated Power Output Data

Test Result

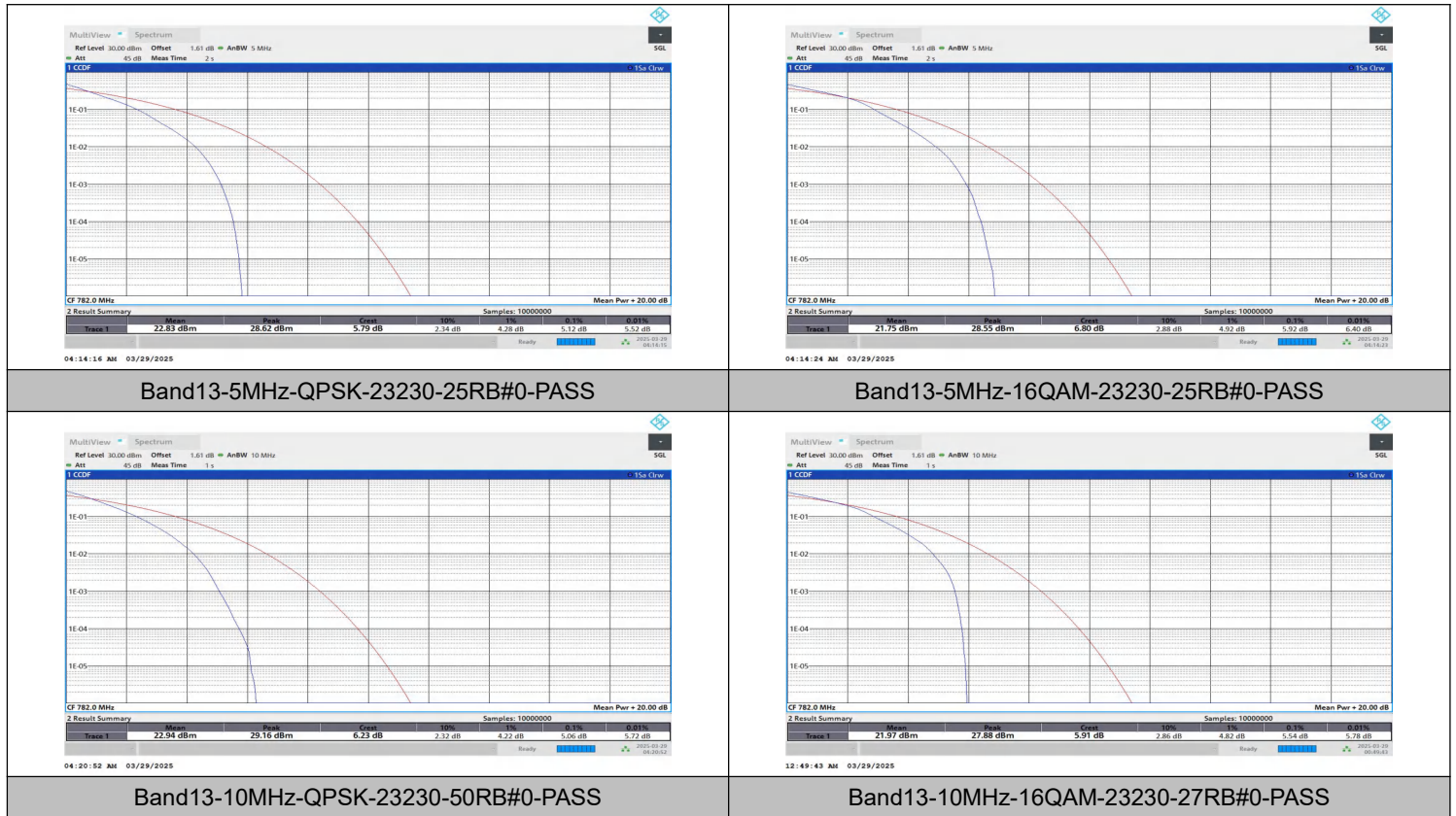
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	E(I)RP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.95	4.45	25.25	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.02	4.45	25.32	34.8	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.95	4.45	25.25	34.8	PASS
Band13	5MHz	QPSK	23205	25RB#0	21.91	4.45	24.21	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.9	4.45	25.2	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.01	4.45	25.31	34.8	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.96	4.45	25.26	34.8	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.06	4.45	24.36	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.91	4.45	25.21	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.25	4.45	25.55	34.8	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.03	4.45	25.33	34.8	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.11	4.45	24.41	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#0	21.72	4.45	24.02	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.37	4.45	24.67	34.8	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.89	4.45	24.19	34.8	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.87	4.45	23.17	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.33	4.45	24.63	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#12	21.81	4.45	24.11	34.8	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.03	4.45	24.33	34.8	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.07	4.45	23.37	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.92	4.45	24.22	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#12	21.82	4.45	24.12	34.8	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.86	4.45	24.16	34.8	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.05	4.45	23.35	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.01	4.45	25.31	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.11	4.45	25.41	34.8	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.01	4.45	25.31	34.8	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.09	4.45	24.39	34.8	PASS
Band13	10MHz	16QAM	23230	27RB#0	21	4.45	23.3	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.3	4.45	24.6	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.46	4.45	24.76	34.8	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.94	4.45	24.24	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	5.12	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.92	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.06	13	PASS
Band13	10MHz	16QAM	23230	27RB#0	5.54	13	PASS

Test Graphs

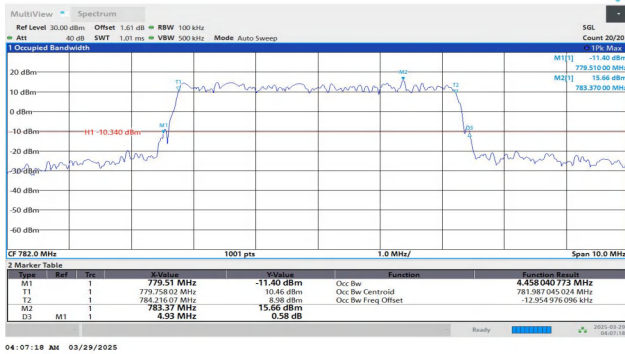


26dB Bandwidth and Occupied Bandwidth

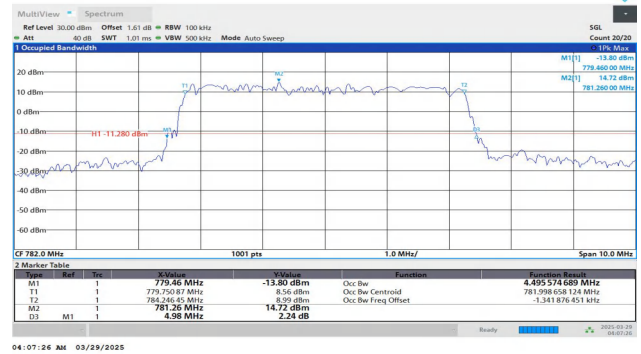
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.458	4.93	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.496	4.98	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.852	9.90	PASS
Band13	10MHz	16QAM	23230	27RB#0	4.95	5.73	PASS

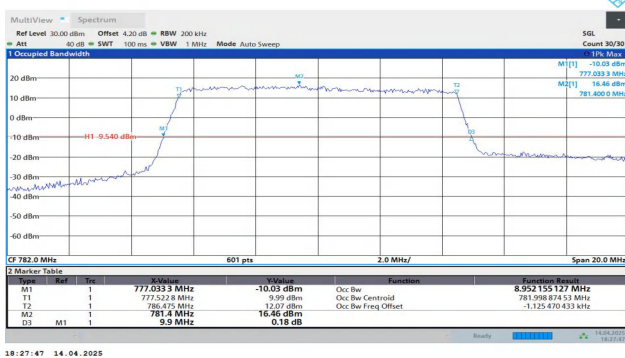
Test Graphs



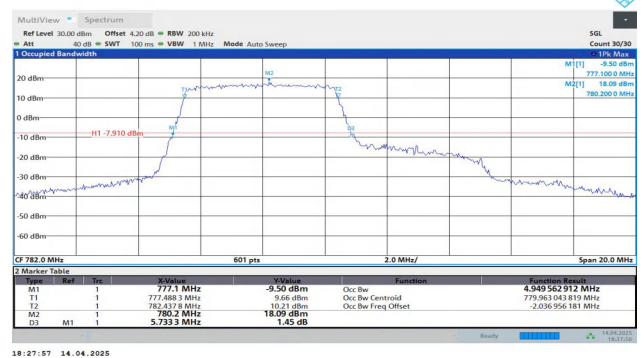
Band13-5MHz-QPSK-23230-25RB#0-PASS



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



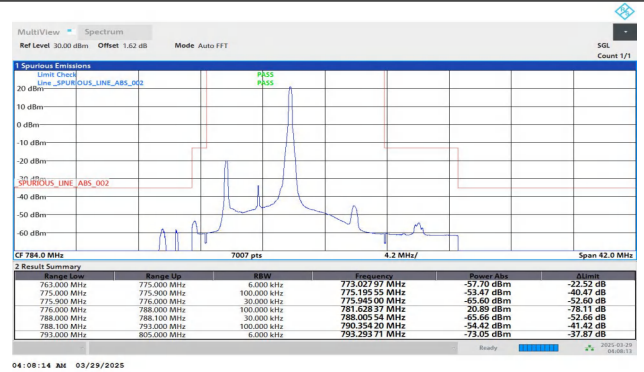
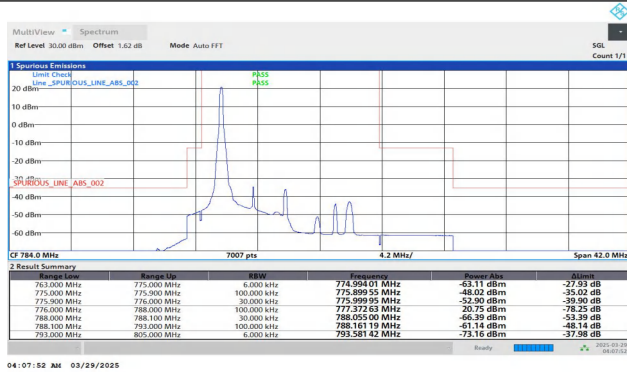
Band13-10MHz-QPSK-23230-50RB#0-PASS



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

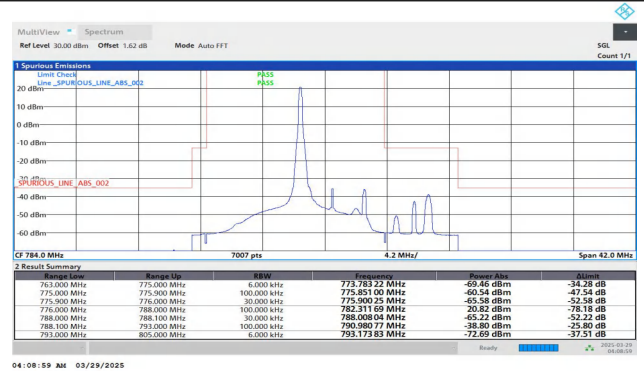
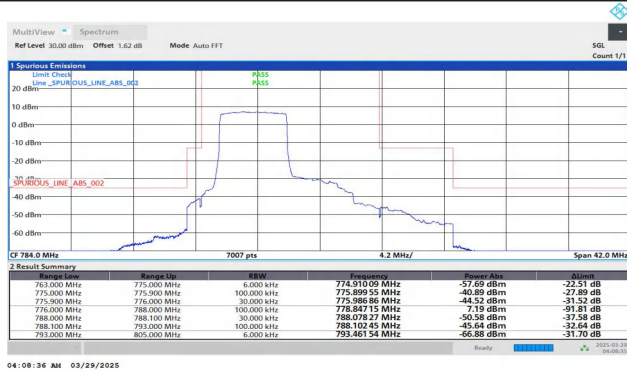
Band Edge

Test Graphs



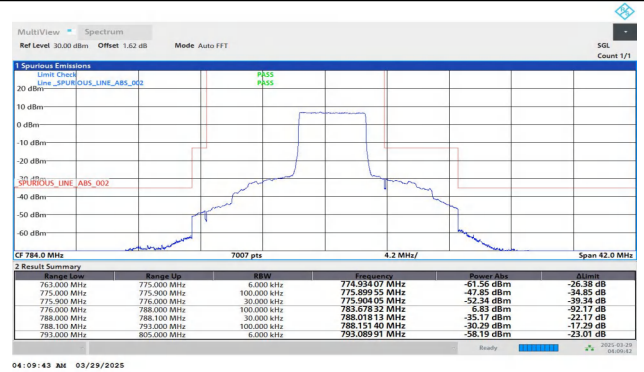
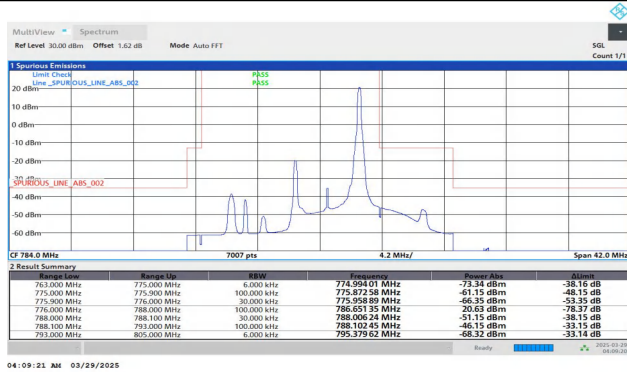
Band13-5MHz-QPSK-23205-1RB#0-PASS

Band13-5MHz-QPSK-23205-1RB#24-PASS



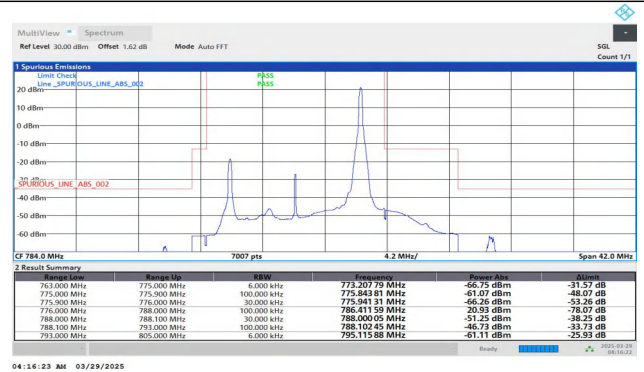
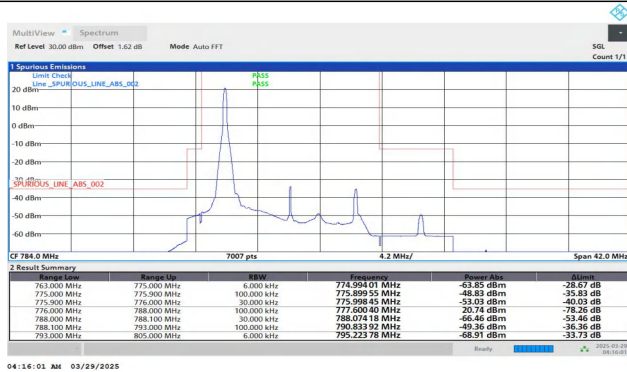
Band13-5MHz-QPSK-23205-25RB#0-PASS

Band13-5MHz-QPSK-23255-1RB#0-PASS



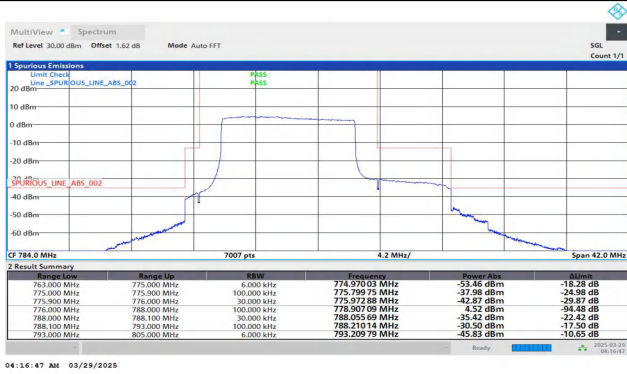
Band13-5MHz-QPSK-23255-1RB#24-PASS

Band13-5MHz-QPSK-23255-25RB#0-PASS



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

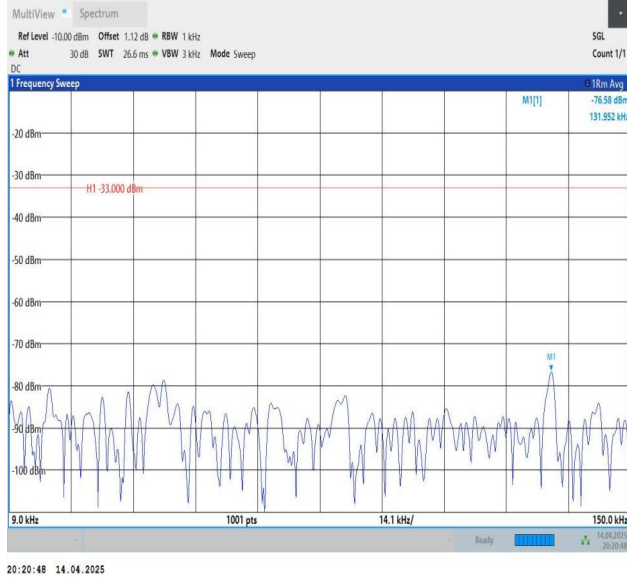
Band13-10MHz-QPSK-23230-1RB#49-PASS



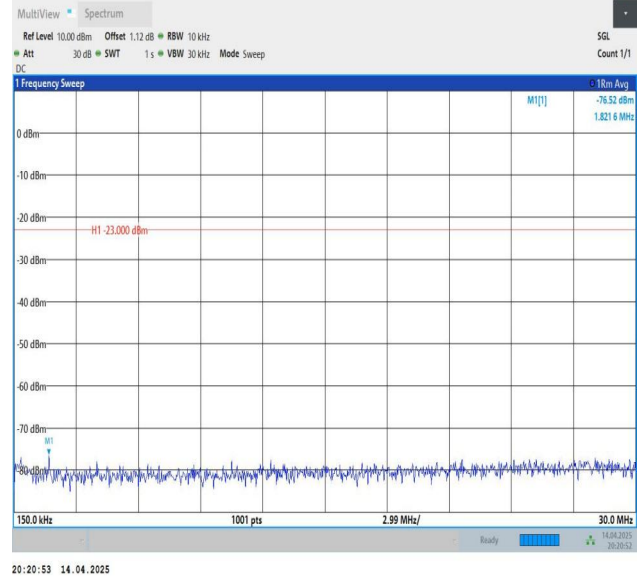
Band13-10MHz-QPSK-23230-50RB#0-PASS

Conducted Spurious Emission

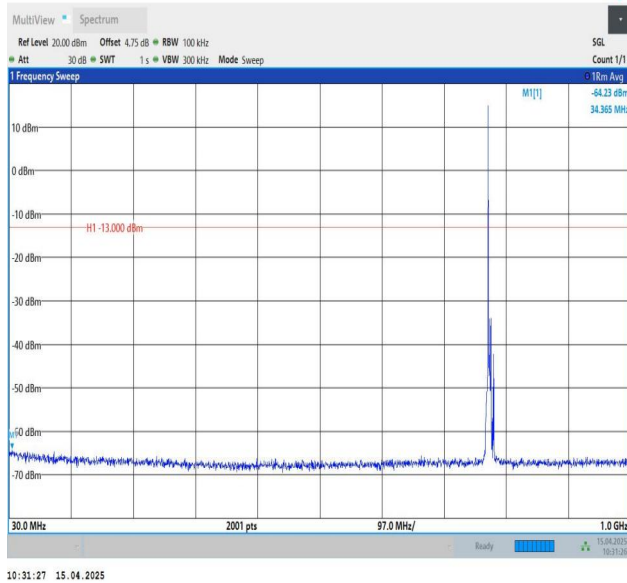
Test Graphs



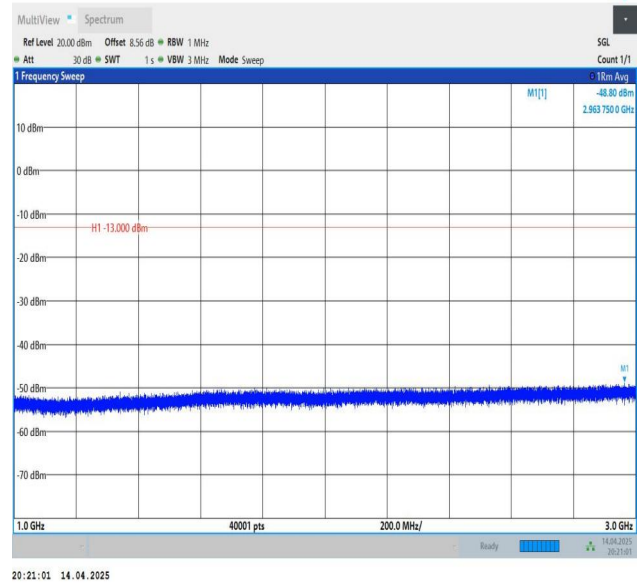
Band13-5MHz-QPSK-23205-1RB#0-0.009~0.15-PASS



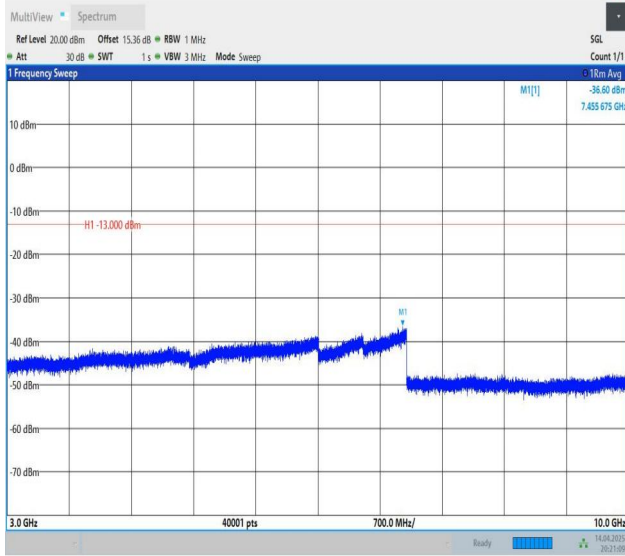
Band13-5MHz-QPSK-23205-1RB#0-0.15~30-PASS



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

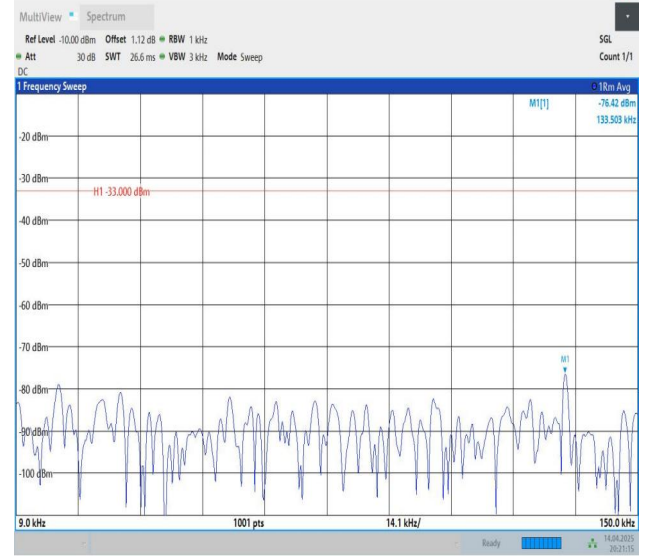


Band13-5MHz-QPSK-23205-1RB#0-1000~3000-PASS



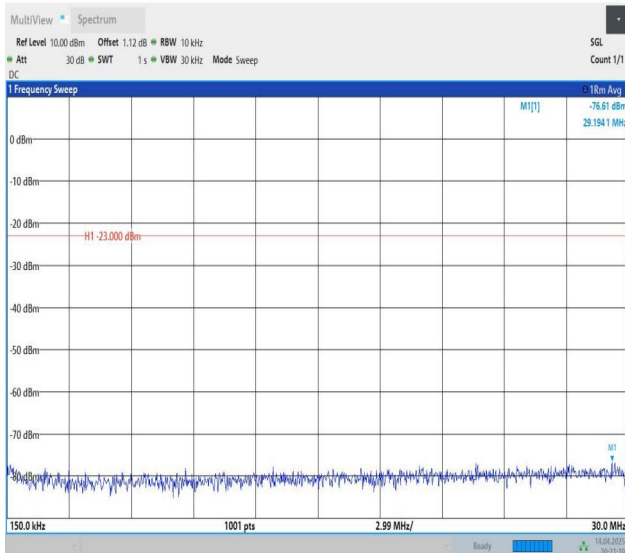
20:21:10 14.04.2025

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



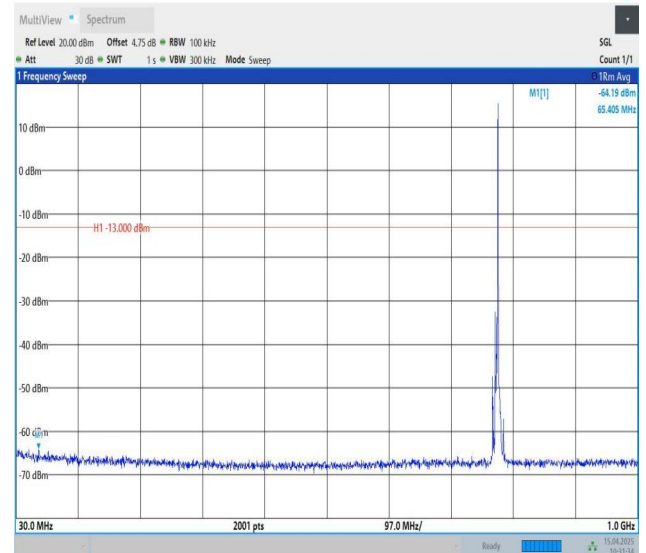
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Band13-5MHz-QPSK-23205-1RB#24-0.009~0.15-PASS



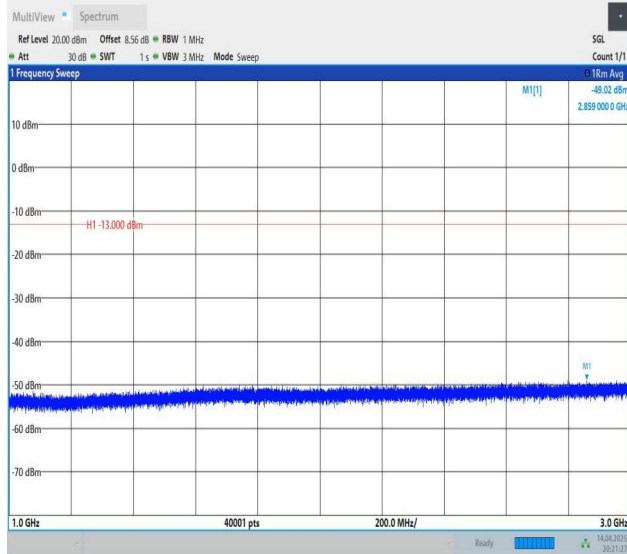
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Band13-5MHz-QPSK-23205-1RB#24-0.15~30-PASS



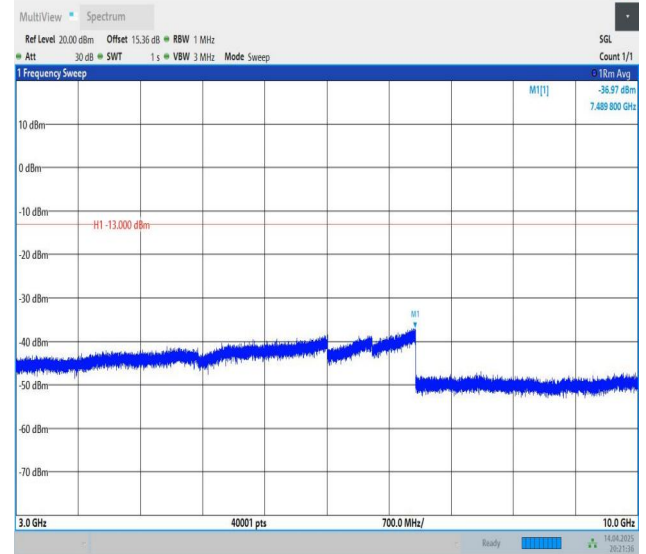
10:31:34 15.04.2025

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



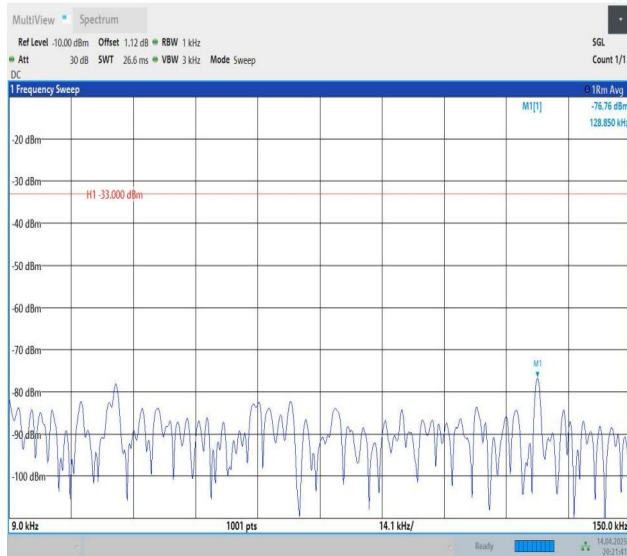
20:21:28 14.04.2025

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



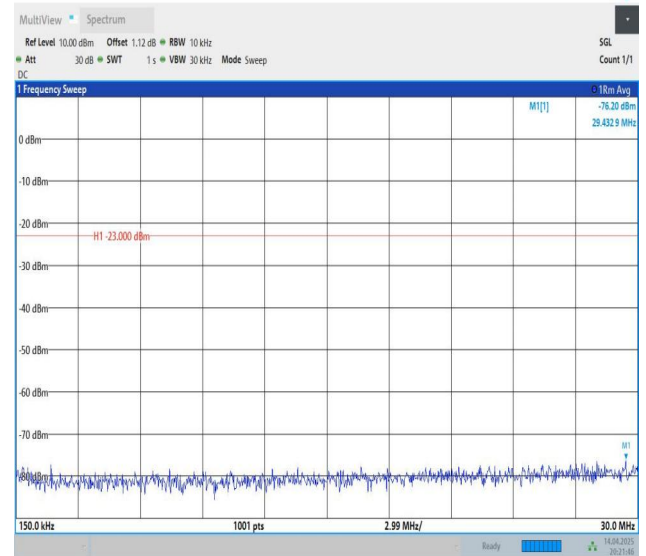
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Band13-5MHz-QPSK-23205-1RB#24-3000~10000-PASS



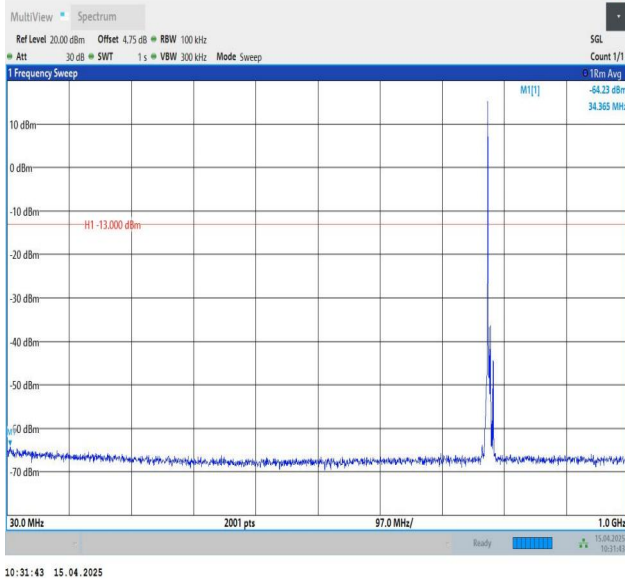
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Band13-5MHz-QPSK-23230-1RB#0-0.009~0.15-PASS

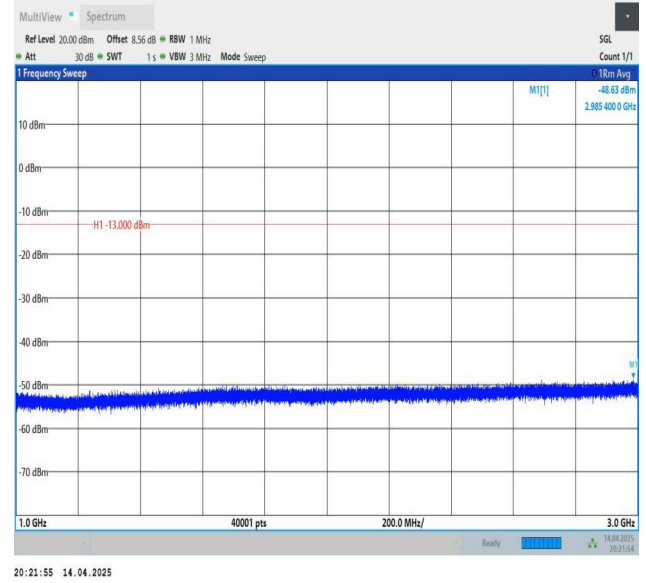


20:21:46 14.04.2025

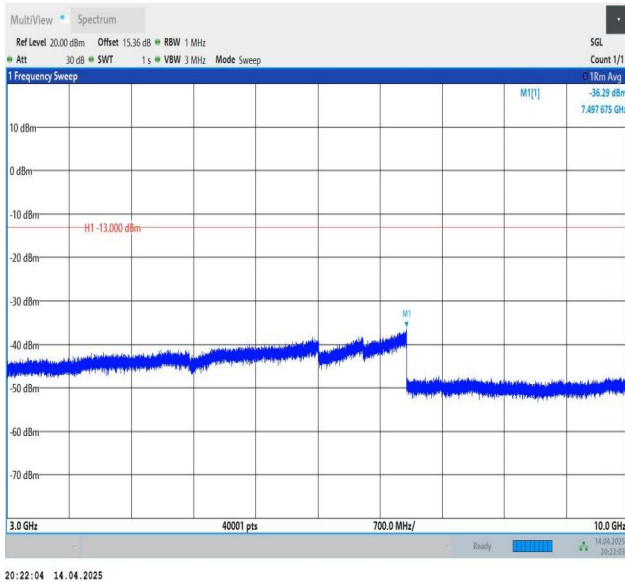
Band13-5MHz-QPSK-23230-1RB#0-0.15~30-PASS



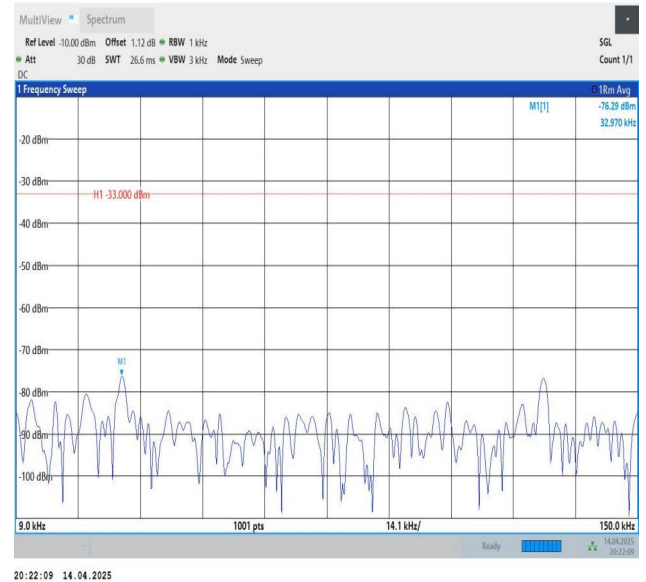
Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS



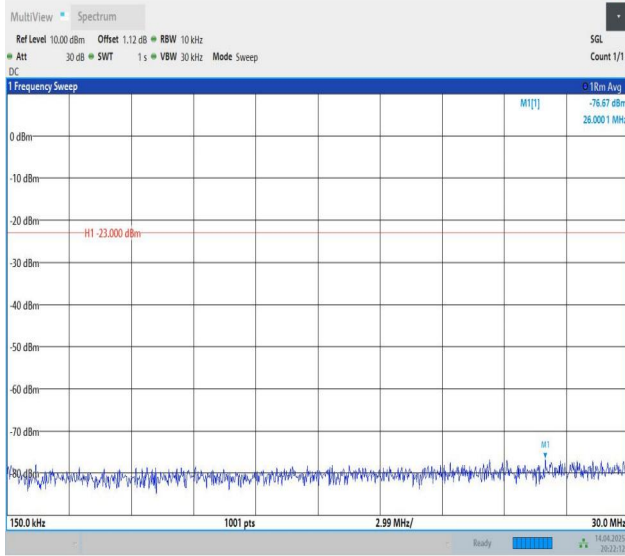
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



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

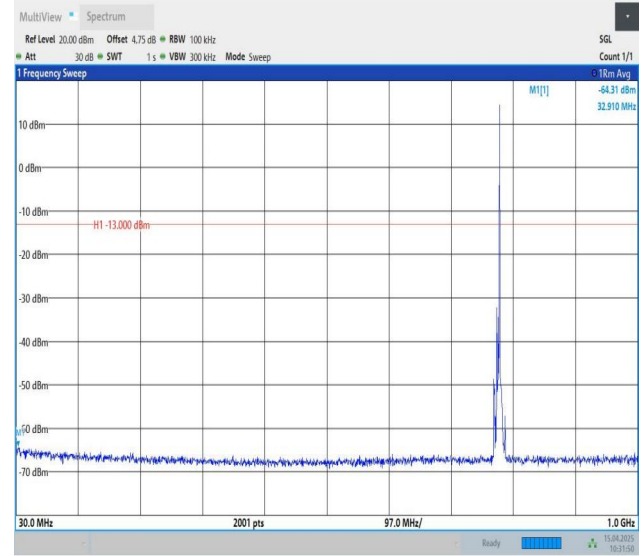


Band13-5MHz-QPSK-23230-1RB#24-0.009~0.15-PASS



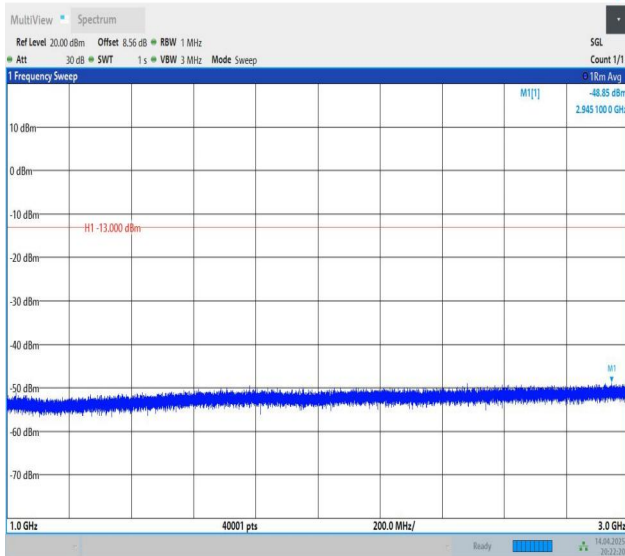
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Band13-5MHz-QPSK-23230-1RB#24-0.15~30-PASS



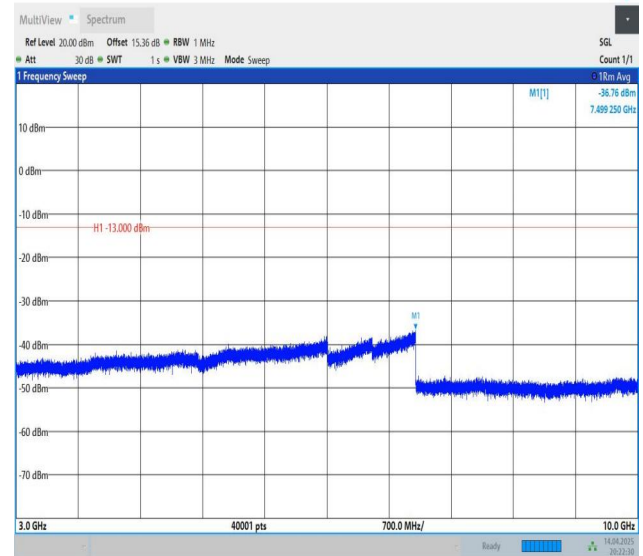
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Band13-5MHz-QPSK-23230-1RB#24-30~1000-PASS



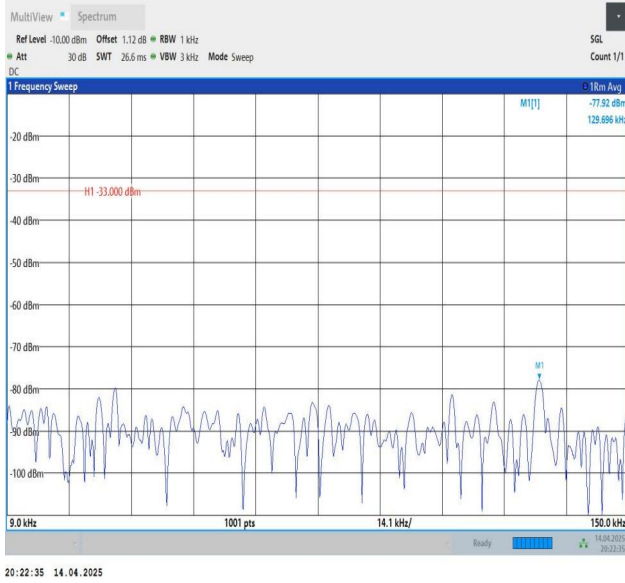
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Band13-5MHz-QPSK-23230-1RB#24-1000~3000-PASS

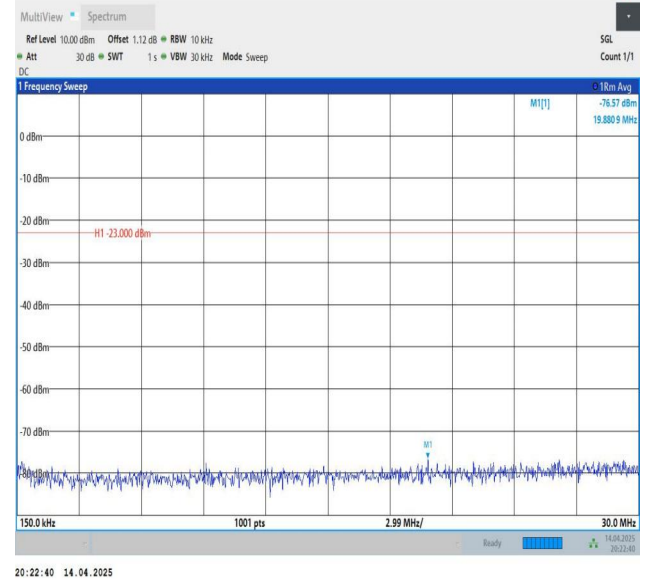


20:22:30 14.04.2025

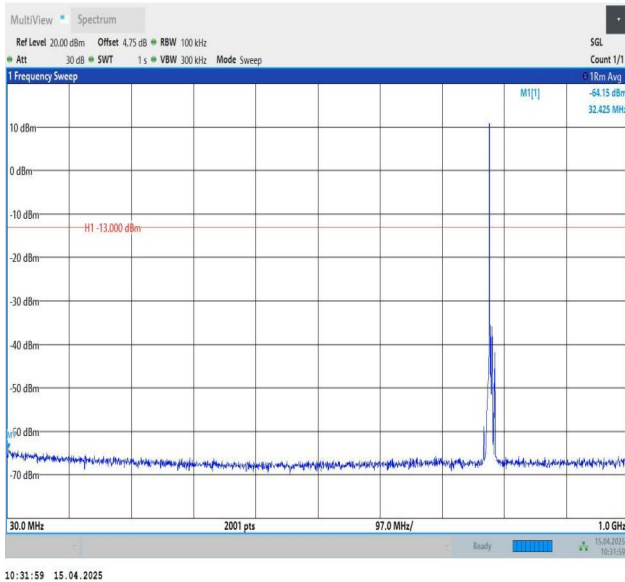
Band13-5MHz-QPSK-23230-1RB#24-3000~10000-PASS



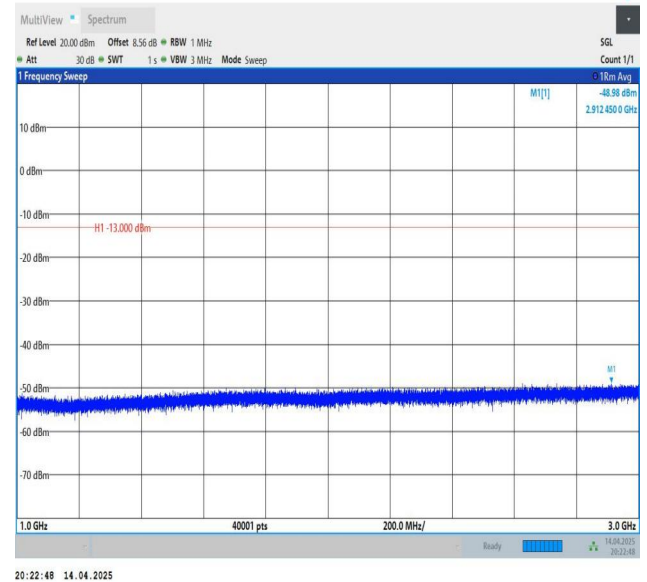
Band13-5MHz-QPSK-23255-1RB#0-0.009~0.15-PASS



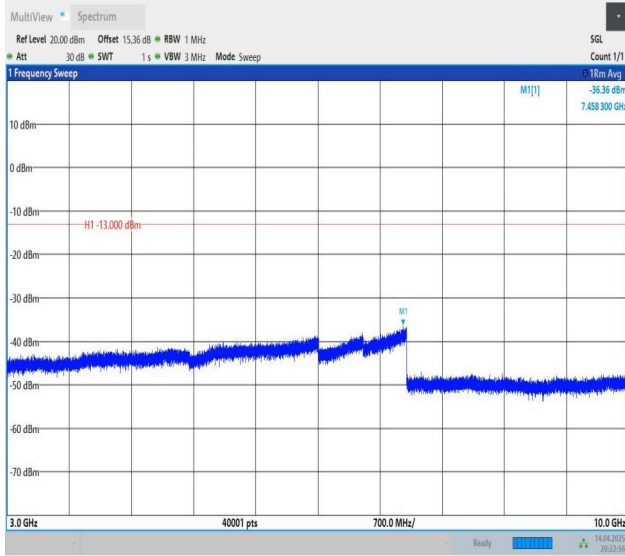
Band13-5MHz-QPSK-23255-1RB#0-0.15~30-PASS



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

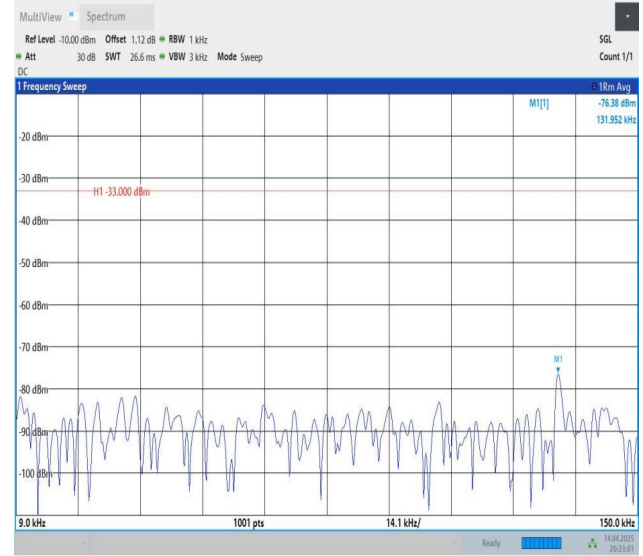


Band13-5MHz-QPSK-23255-1RB#0-1000~3000-PASS



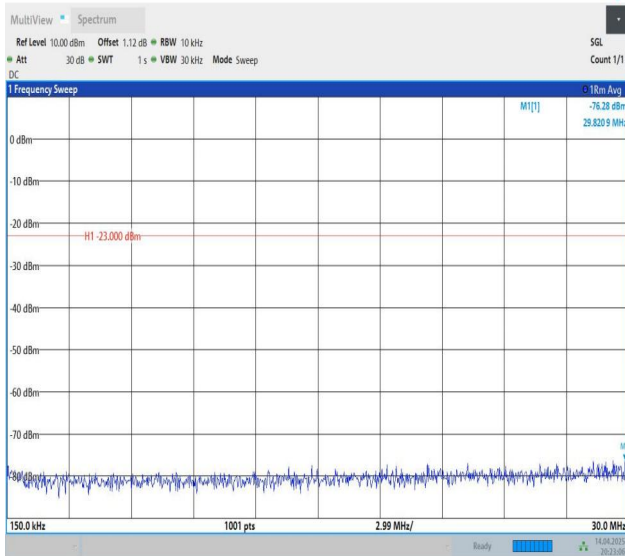
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Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



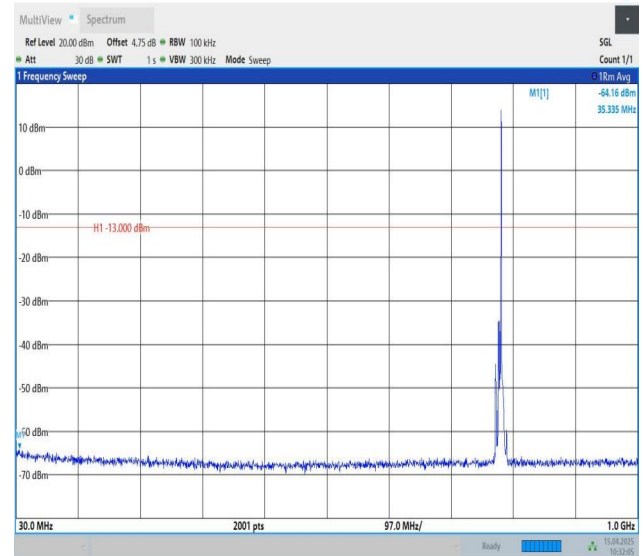
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Band13-5MHz-QPSK-23255-1RB#24-0.009~0.15-PASS



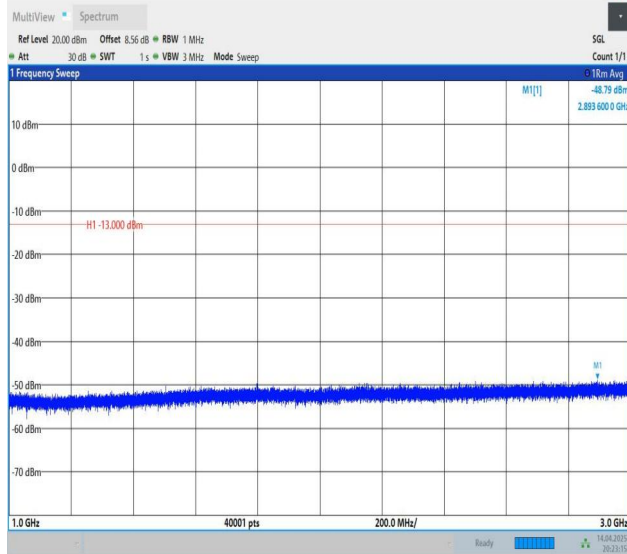
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Band13-5MHz-QPSK-23255-1RB#24-0.15~30-PASS



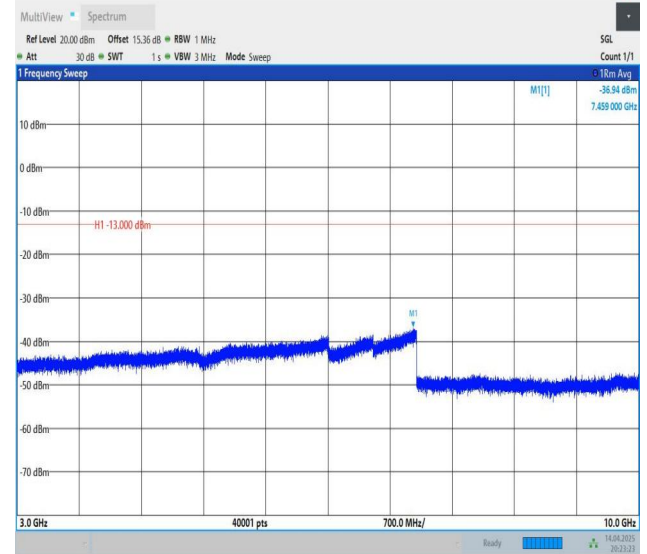
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Band13-5MHz-QPSK-23255-1RB#24-30~1000-PASS



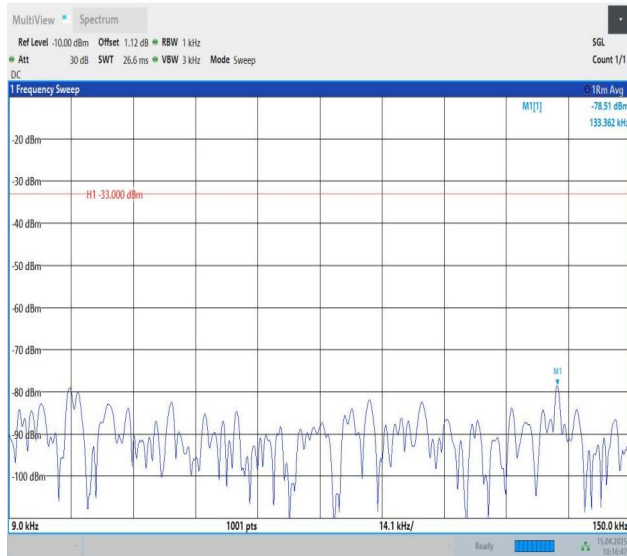
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Band13-5MHz-QPSK-23255-1RB#24-1000~3000-PASS



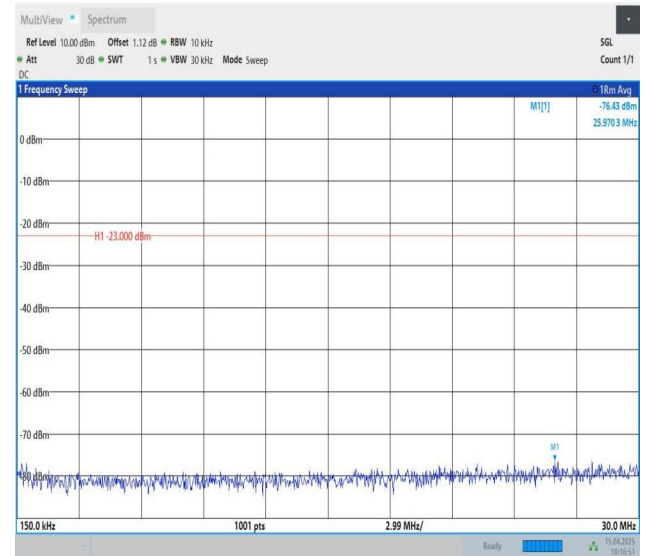
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Band13-5MHz-QPSK-23255-1RB#24-3000~10000-PASS



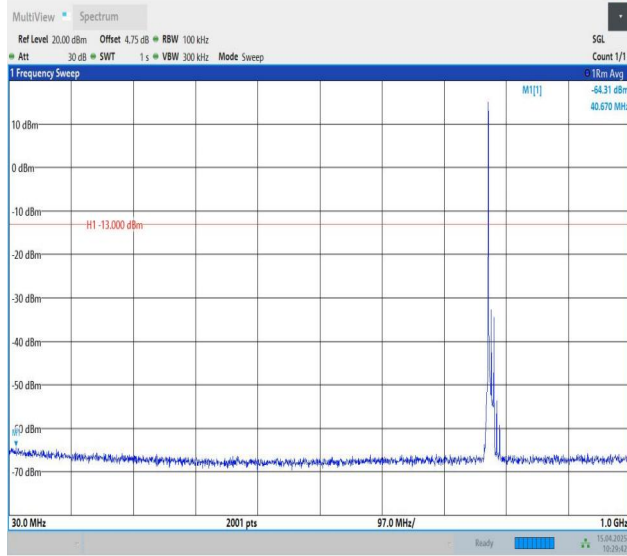
10:16:47 15.04.2025

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



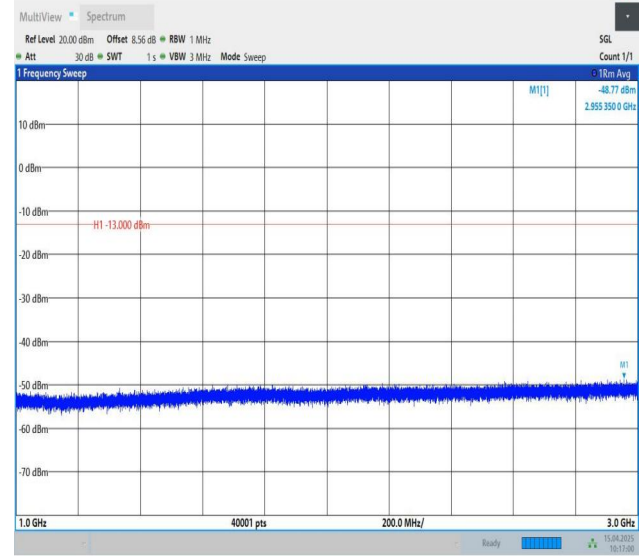
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Band13-10MHz-QPSK-23230-1RB#0-0.15~30-PASS



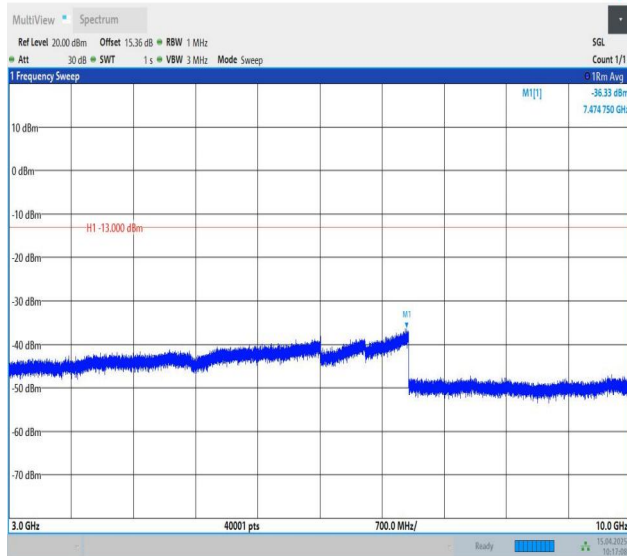
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Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS



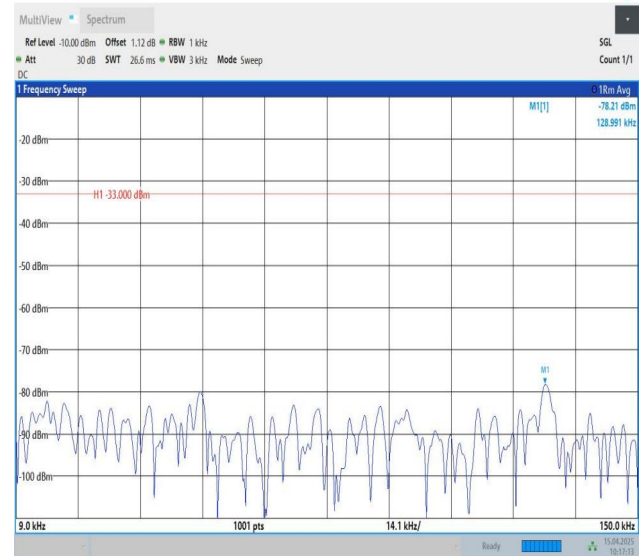
10:17:00 15.04.2025

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



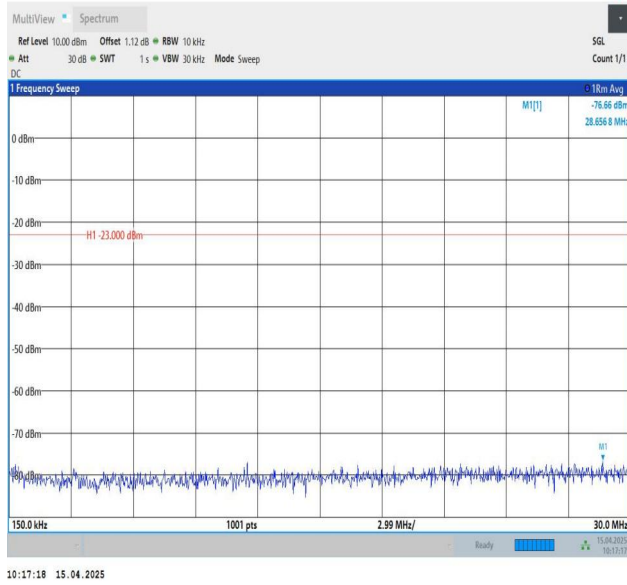
10:17:08 15.04.2025

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



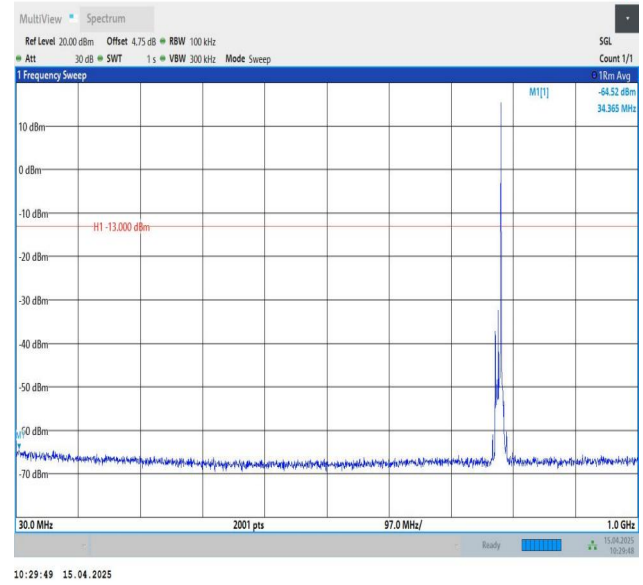
10:17:13 15.04.2025

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



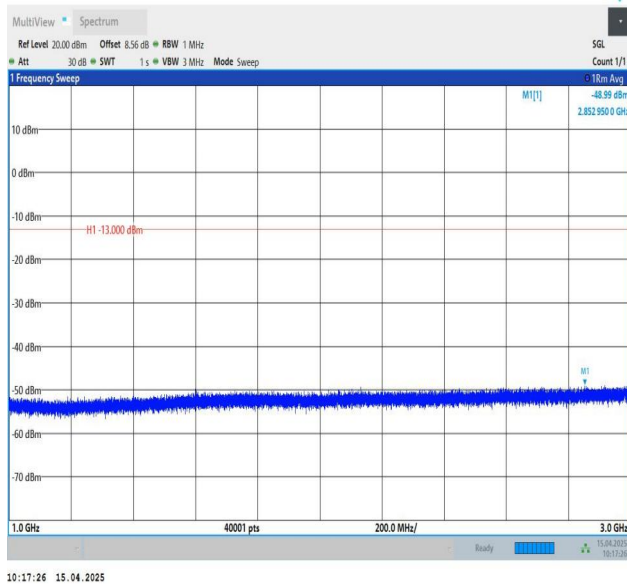
10:17:18 15.04.2025

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



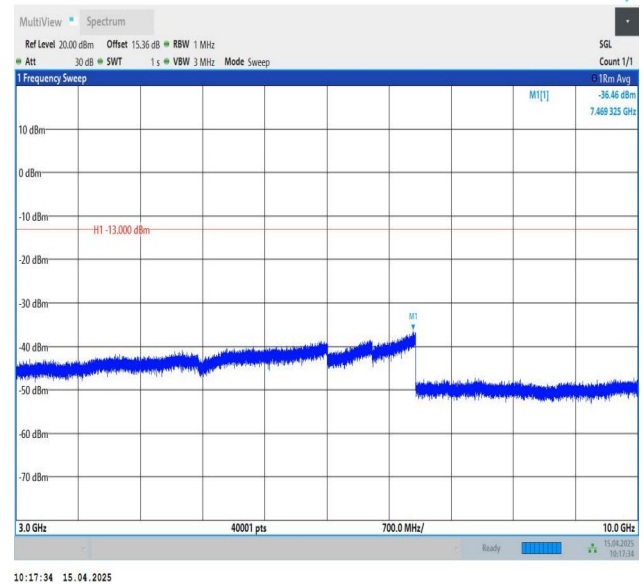
10:29:49 15.04.2025

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



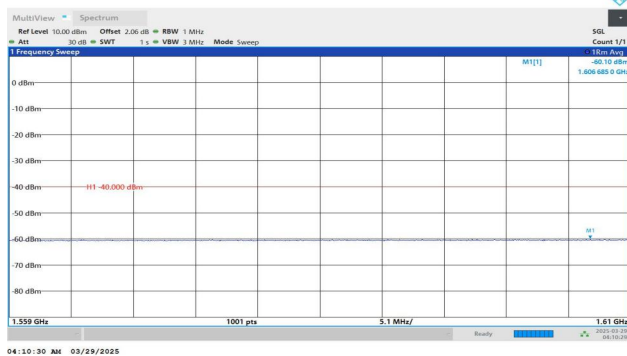
10:17:26 15.04.2025

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



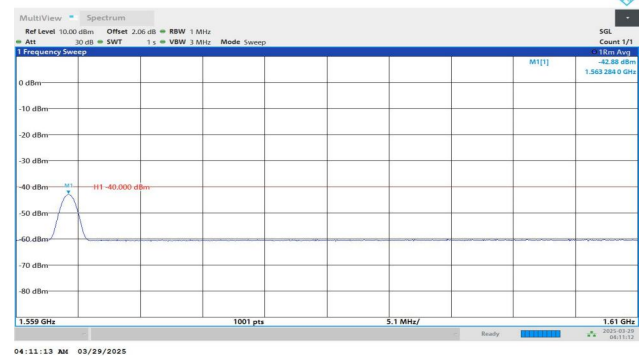
10:17:34 15.04.2025

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



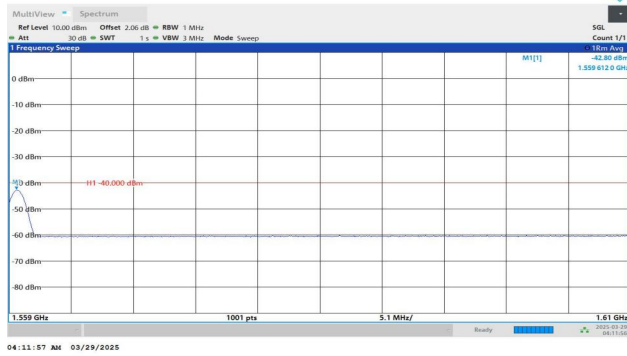
04:10:30 AM 03/29/2025

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

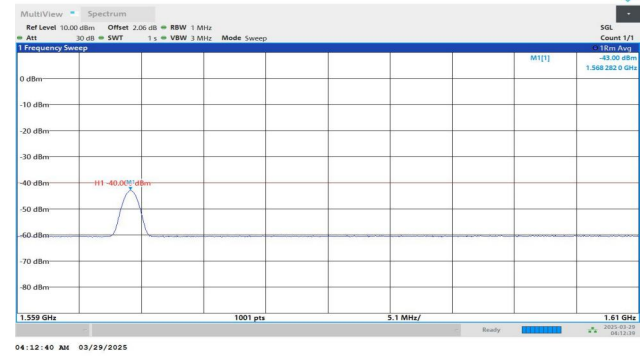


04:11:13 AM 03/29/2025

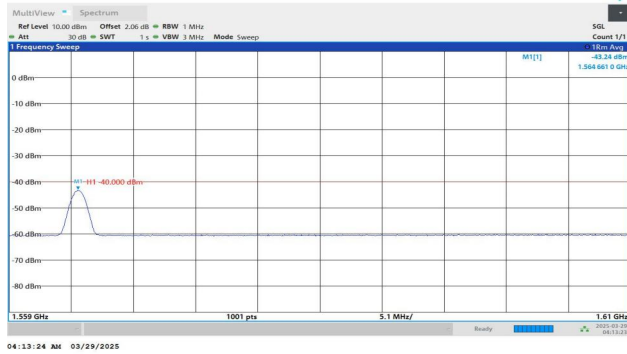
Band13-5MHz-QPSK-23205-1RB#24-1559~1610-PASS



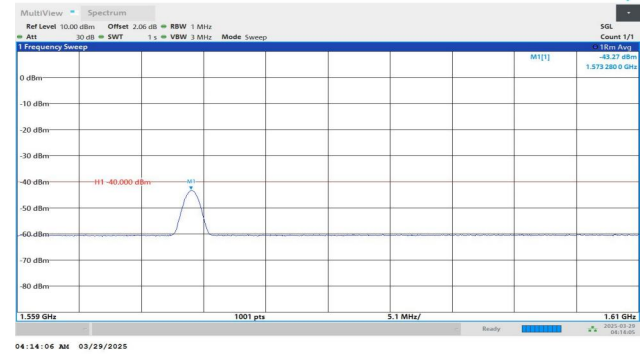
Band13-5MHz-QPSK-23230-1RB#0-1559~1610-PASS



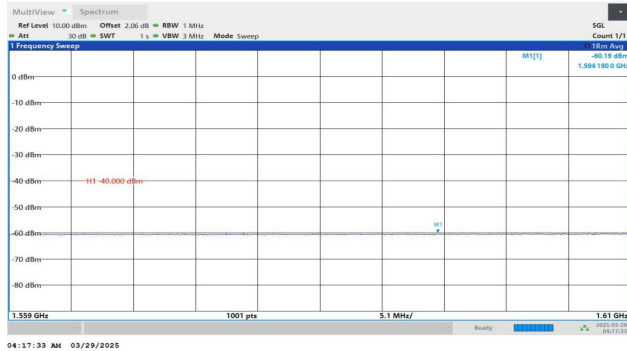
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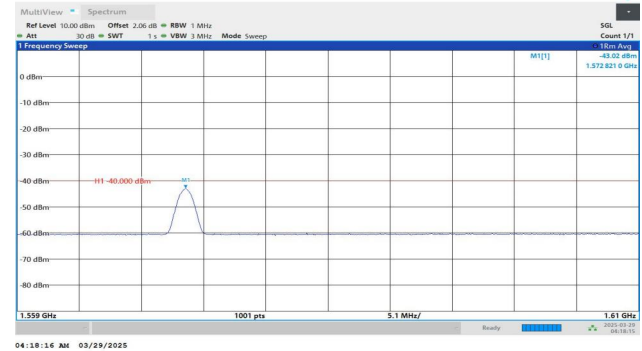
Band13-5MHz-QPSK-23255-1RB#0-1559~1610-PASS



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



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



Band13-10MHz-QPSK-23230-1RB#49-1559~1610-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	-6050.00	-7.736573	±NA	777.5266	786.4613	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VL	NT	-3550.00	-4.539642	±NA	777.5299	786.4630	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	VH	NT	-8900.00	-11.381074	±NA	777.5246	786.4576	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	-6050.00	-7.736573	±NA	777.5312	786.4567	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-20	-7550.00	-9.654731	±NA	777.5289	786.4560	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	-10	-7200.00	-9.207161	±NA	777.5285	786.4571	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	0	-9600.00	-12.276215	±NA	777.5275	786.4533	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	10	-9600.00	-12.276215	±NA	777.5306	786.4502	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	20	-7150.00	-9.143223	±NA	777.5232	786.4625	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	30	-5150.00	-6.585678	±NA	777.5284	786.4613	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	40	-4400.00	-5.626598	±NA	777.5281	786.4631	777-787	PASS
Band 13	10MHz	QPSK	23230	50RB#0	NV	50	-7300.00	-9.335038	±NA	777.5235	786.4619	777-787	PASS

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