

Effective (Isotropic) Radiated Power Output Data for M1

Test Result

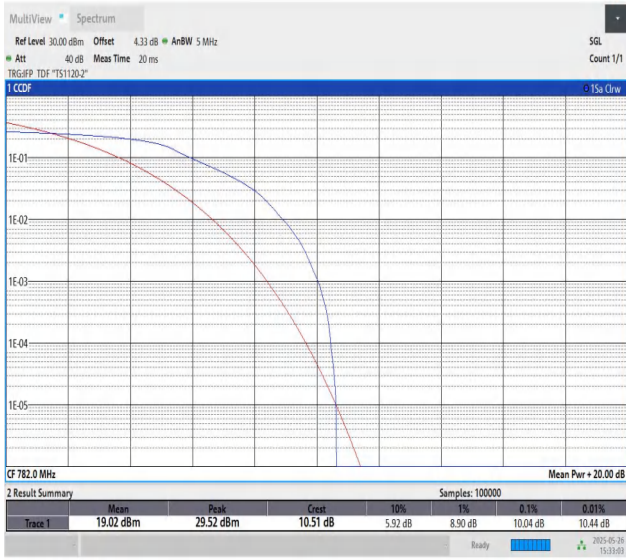
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Power (dBm)	Gain (dBi)	E(I)RP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1	0	Low	20.11	4.45	22.41	34.8	PASS
Band13	5MHz	16QAM	23205	1	0	Low	20.09	4.45	22.39	34.8	PASS
Band13	5MHz	QPSK	23205	1	5	Low	20.09	4.45	22.39	34.8	PASS
Band13	5MHz	16QAM	23205	1	5	Low	19.94	4.45	22.24	34.8	PASS
Band13	5MHz	QPSK	23205	6	0	Low	19.37	4.45	21.67	34.8	PASS
Band13	5MHz	16QAM	23205	6	0	Low	19.56	4.45	21.86	34.8	PASS
Band13	5MHz	QPSK	23230	1	0	Low	20.32	4.45	22.62	34.8	PASS
Band13	5MHz	16QAM	23230	1	0	Low	20.10	4.45	22.40	34.8	PASS
Band13	5MHz	QPSK	23230	1	5	Low	20.04	4.45	22.34	34.8	PASS
Band13	5MHz	16QAM	23230	1	5	Low	19.91	4.45	22.21	34.8	PASS
Band13	5MHz	QPSK	23230	6	0	Low	19.29	4.45	21.59	34.8	PASS
Band13	5MHz	16QAM	23230	6	0	Low	19.58	4.45	21.88	34.8	PASS
Band13	5MHz	QPSK	23255	1	0	High	20.58	4.45	22.88	34.8	PASS
Band13	5MHz	16QAM	23255	1	0	High	20.11	4.45	22.41	34.8	PASS
Band13	5MHz	QPSK	23255	1	5	High	20.27	4.45	22.57	34.8	PASS
Band13	5MHz	16QAM	23255	1	5	High	19.90	4.45	22.20	34.8	PASS
Band13	5MHz	QPSK	23255	6	0	High	19.27	4.45	21.57	34.8	PASS
Band13	10MHz	QPSK	23230	1	0	Low	20.05	4.45	22.35	34.8	PASS
Band13	10MHz	16QAM	23230	1	0	Low	19.83	4.45	22.13	34.8	PASS
Band13	10MHz	QPSK	23230	1	5	Low	19.77	4.45	22.07	34.8	PASS
Band13	10MHz	16QAM	23230	1	5	Low	19.60	4.45	21.90	34.8	PASS
Band13	10MHz	QPSK	23230	6	0	Low	19.52	4.45	21.82	34.8	PASS
Band13	10MHz	16QAM	23230	6	0	Low	19.61	4.45	21.91	34.8	PASS
Band13	5MHz	16QAM	23255	6	0	High	19.35	4.45	21.65	34.8	PASS

Peak-to-Average Ratio(CCDF) for M1

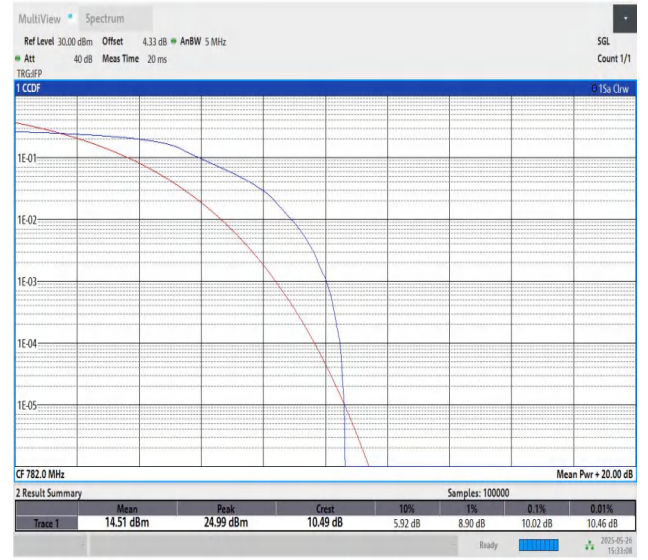
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	23230	QPSK	6	0	Low	10.04	13	PASS
Band13	5MHz	23230	16QAM	6	0	Low	10.02	13	PASS
Band13	10MHz	23230	QPSK	6	0	Low	10.06	13	PASS
Band13	10MHz	23230	16QAM	6	0	Low	10.06	13	PASS

Test Graphs



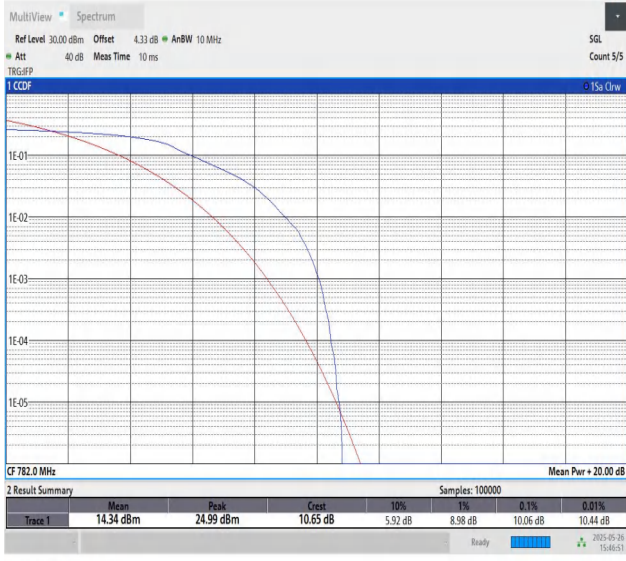
03:33:04 PM 05/26/2025



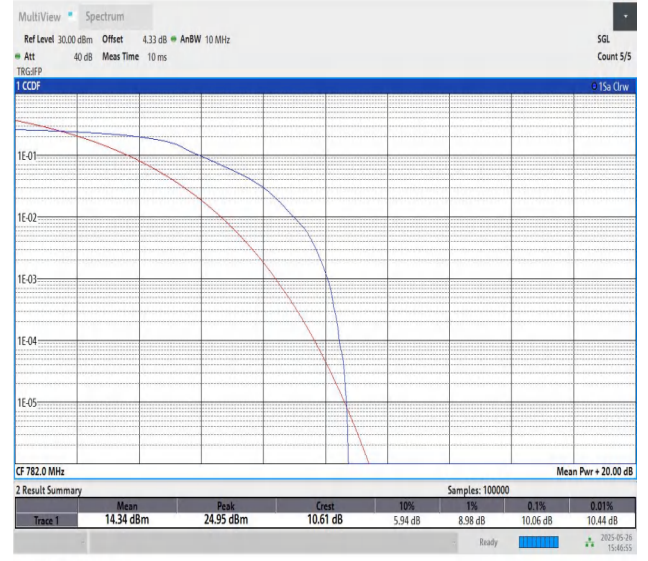
03:33:08 PM 05/26/2025

Band13-5MHz-QPSK-23230-PASS

Band13-5MHz-16QAM-23230-PASS



03:46:52 PM 05/26/2025



03:46:56 PM 05/26/2025

Band13-10MHz-QPSK-23230-PASS

Band13-10MHz-16QAM-23230-PASS

26dB Bandwidth and Occupied Bandwidth for M1

Test Result

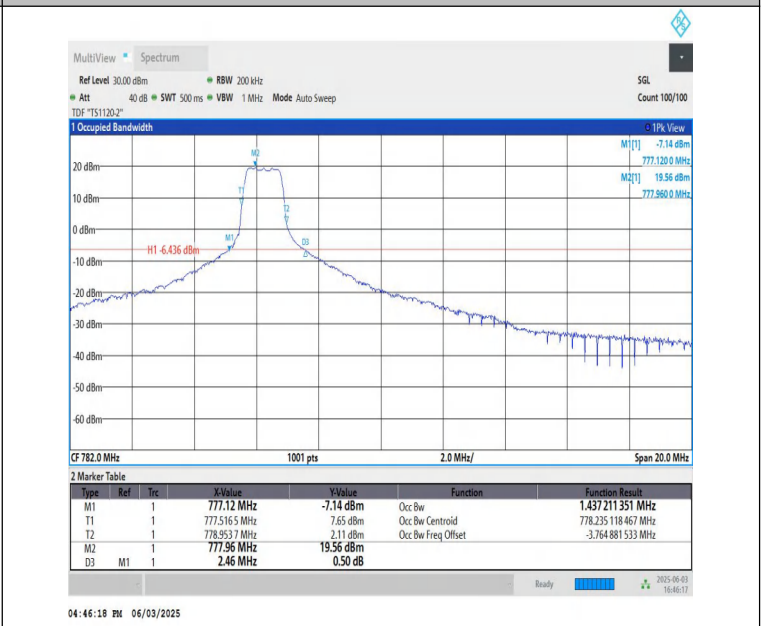
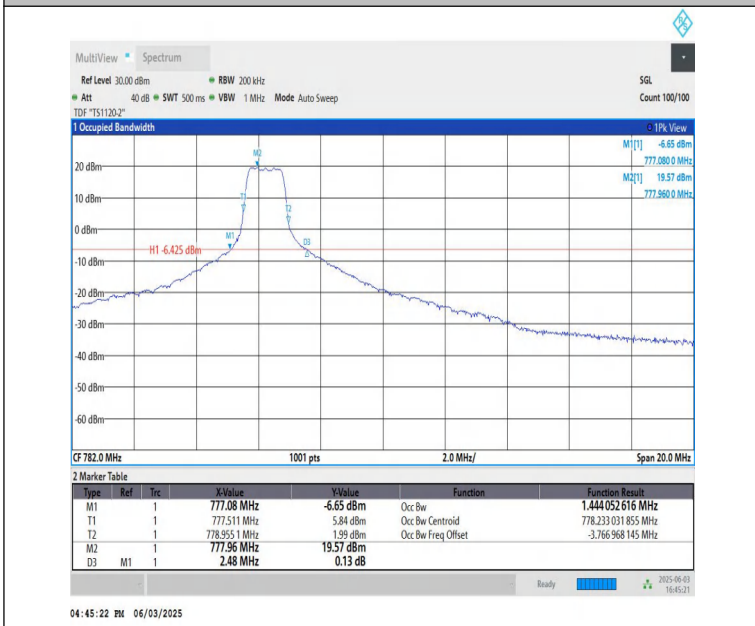
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	23230	QPSK	6	0	Low	1.204	1.610	PASS
Band13	5MHz	23230	16QAM	6	0	Low	1.204	1.610	PASS
Band13	10MHz	23230	QPSK	6	0	Low	1.444	2.480	PASS
Band13	10MHz	23230	16QAM	6	0	Low	1.437	2.460	PASS

Test Graphs



Band13-5MHz-QPSK-23230-PASS

Band13-5MHz-16QAM-23230-PASS

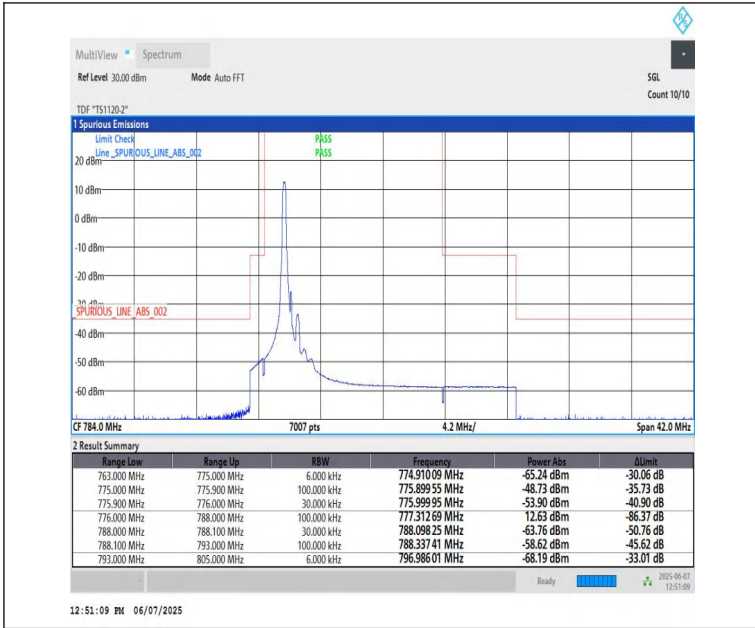


Band13-10MHz-QPSK-23230-PASS

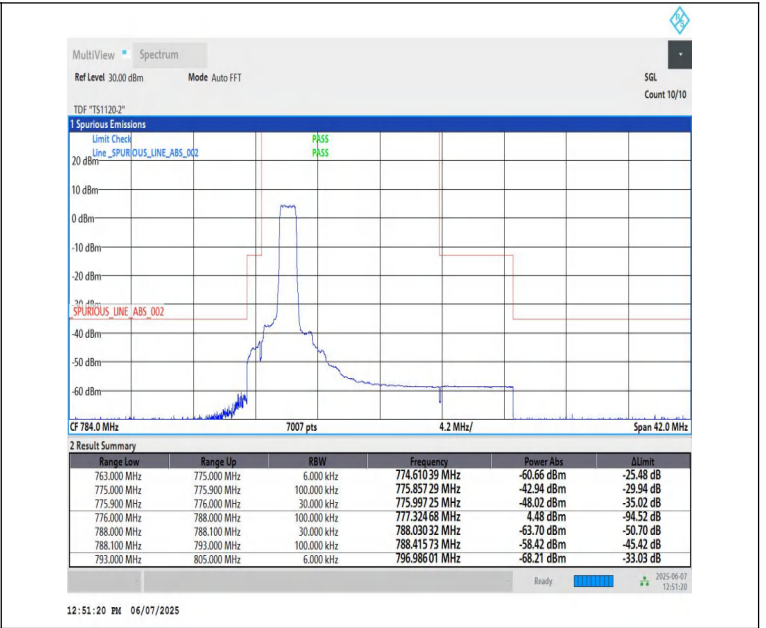
Band13-10MHz-16QAM-23230-PASS

Band Edge for M1

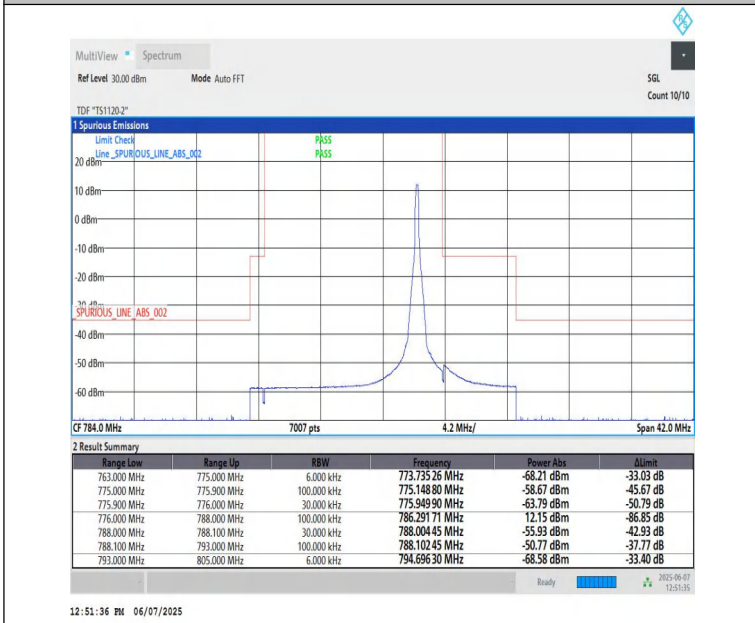
Test Graphs



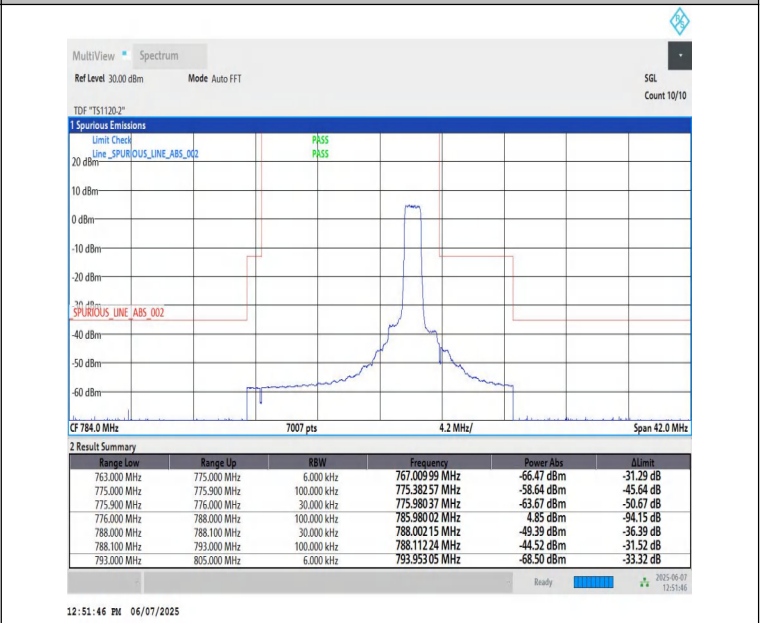
Band13_5MHz_QPSK_23205_1_Low



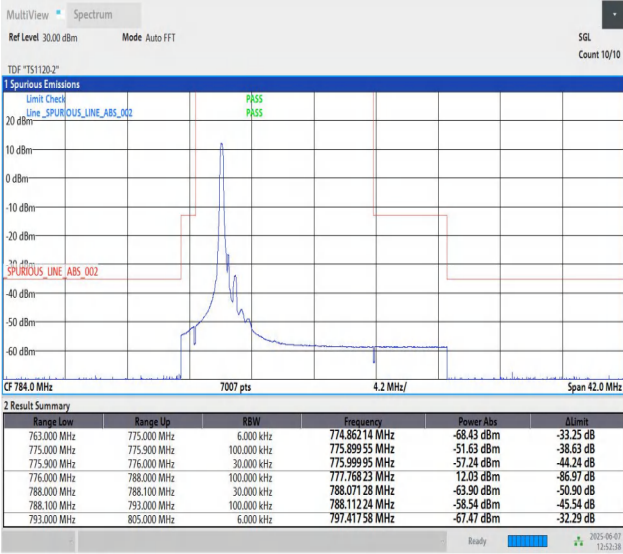
Band13_5MHz_QPSK_23205_6_Low



Band13_5MHz_QPSK_23255_1_High

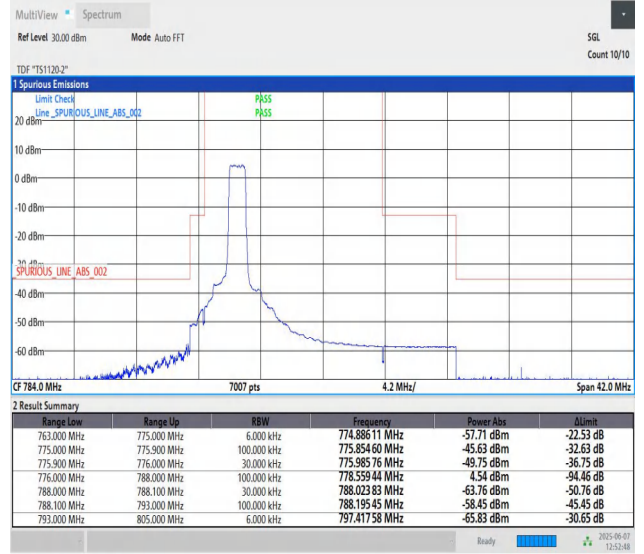


Band13_5MHz_QPSK_23255_6_High



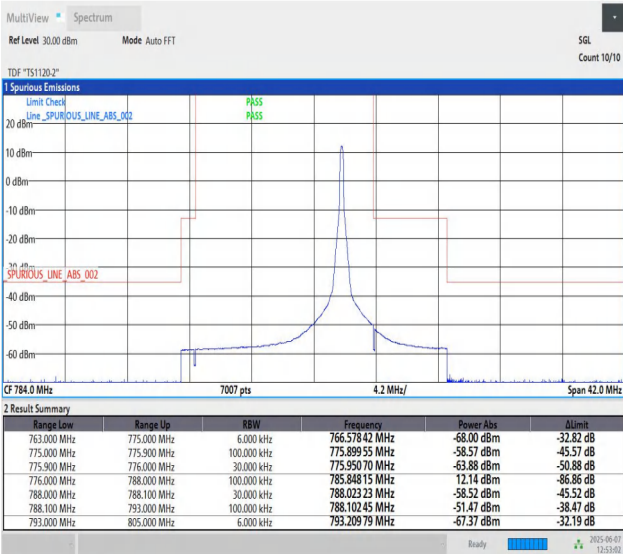
12:52:39 PM 06/07/2025

Band13_10MHz_QPSK_23230_1_Low



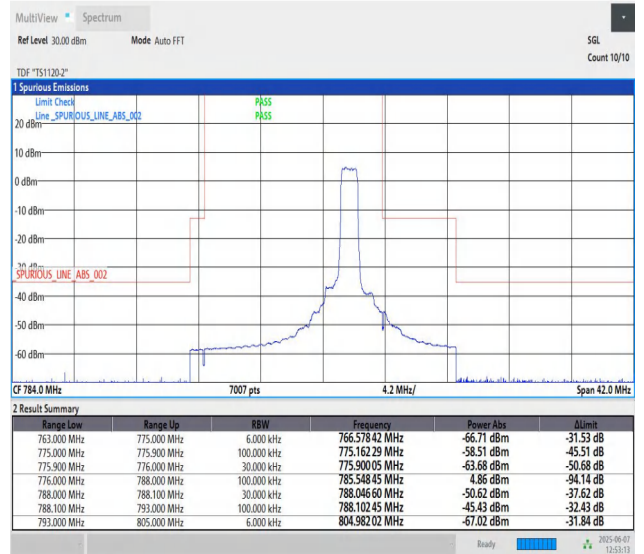
12:52:50 PM 06/07/2025

Band13_10MHz_QPSK_23230_6_Low



12:53:02 PM 06/07/2025

Band13_10MHz_QPSK_23230_1_High

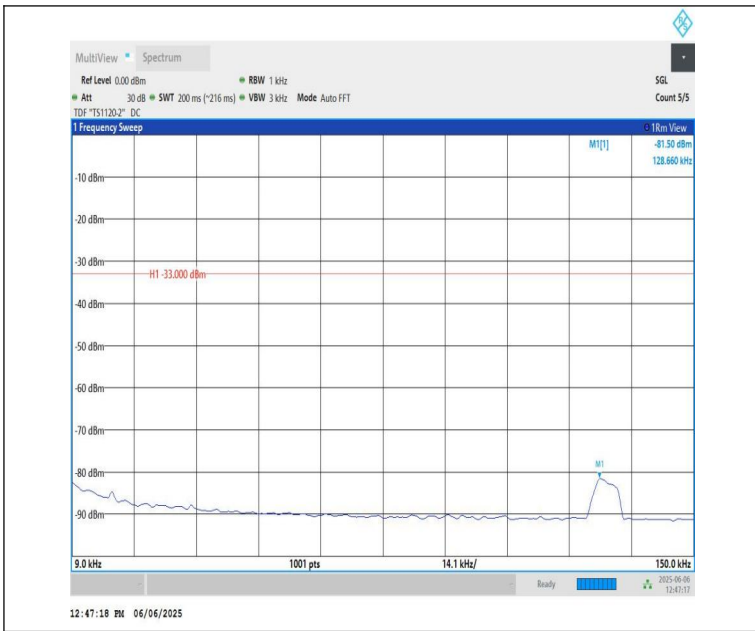


12:53:13 PM 06/07/2025

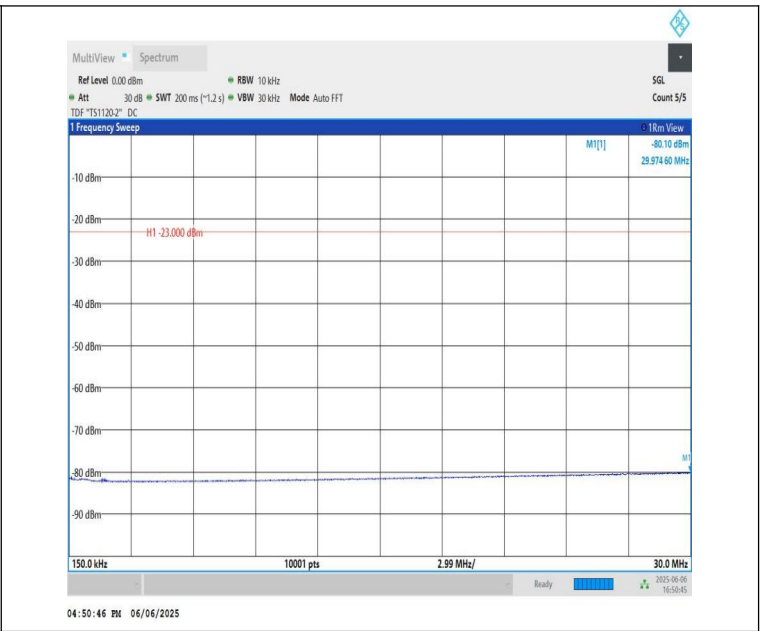
Band13_10MHz_QPSK_23230_6_High

Conducted Spurious Emission for M1

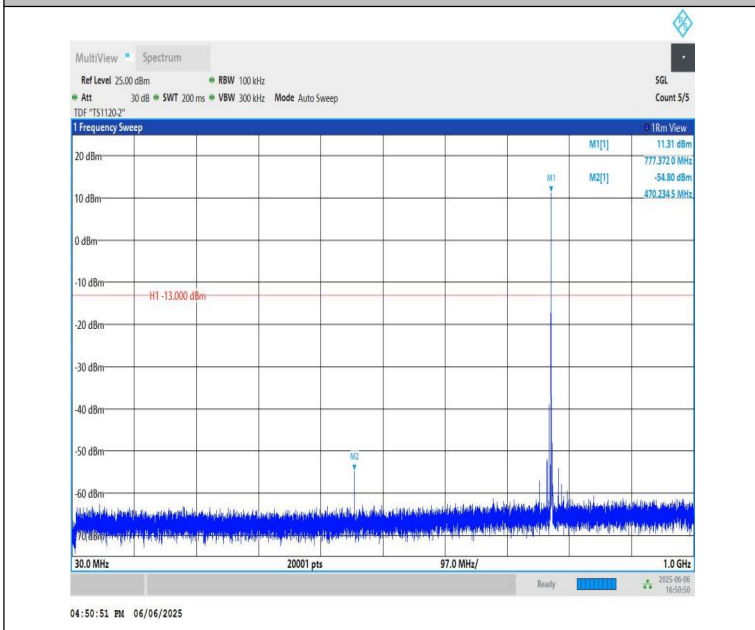
Test Graphs



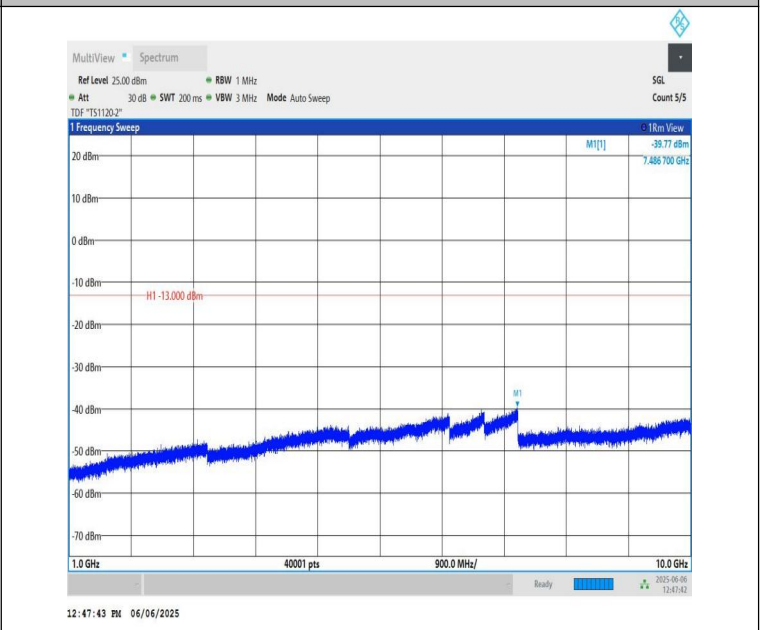
Band13-5MHz-QPSK-23205-PASS



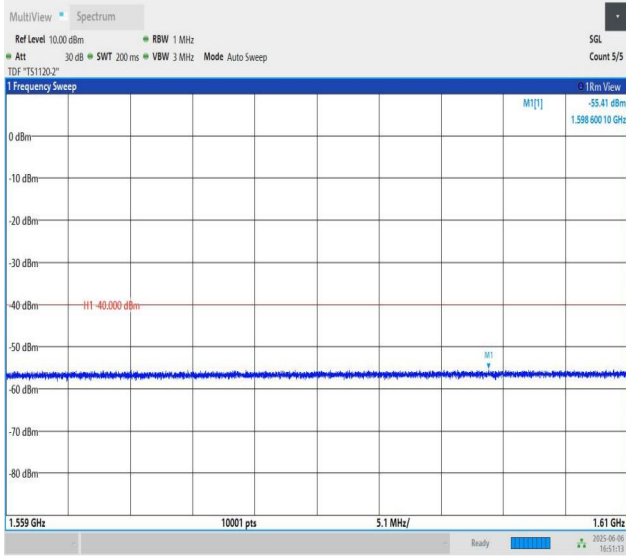
Band13-5MHz-QPSK-23205-PASS



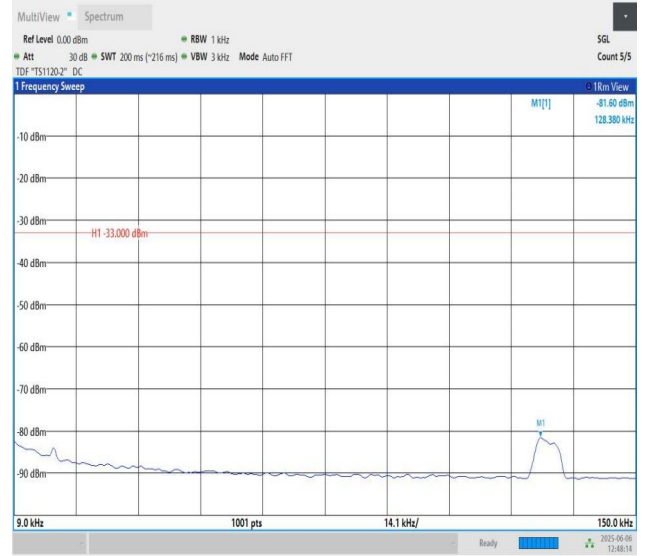
Band13-5MHz-QPSK-23205-PASS



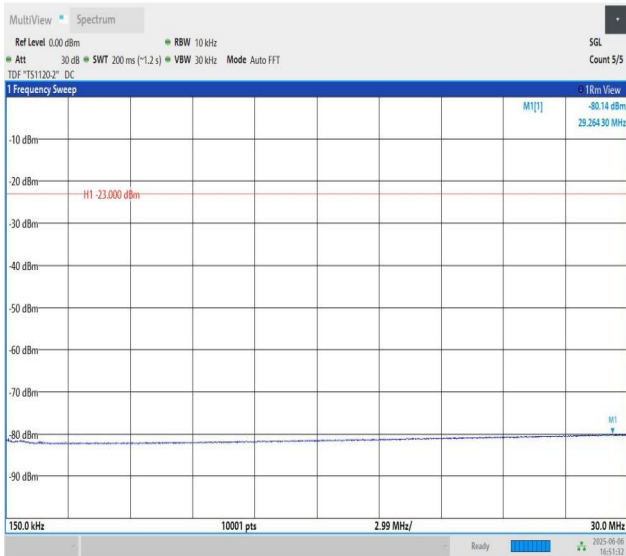
Band13-5MHz-QPSK-23205-PASS



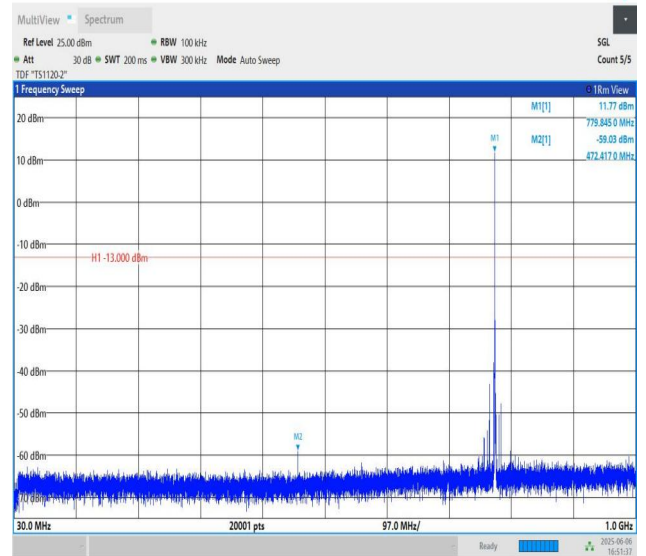
Band13-5MHz-QPSK-23205-PASS



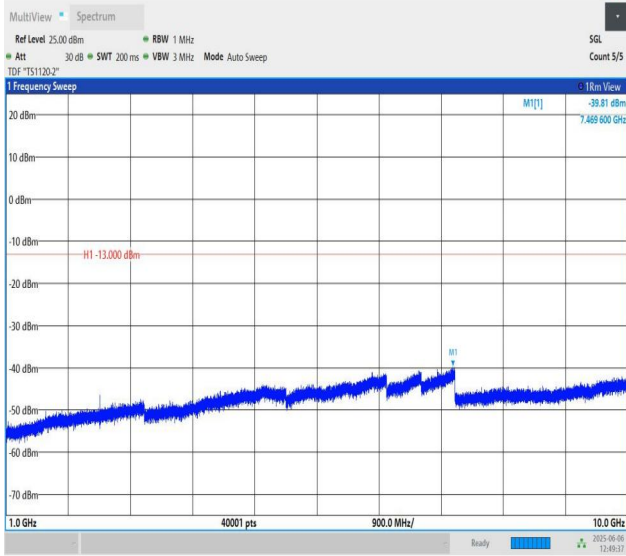
Band13-5MHz-QPSK-23230-PASS



Band13-5MHz-QPSK-23230-PASS

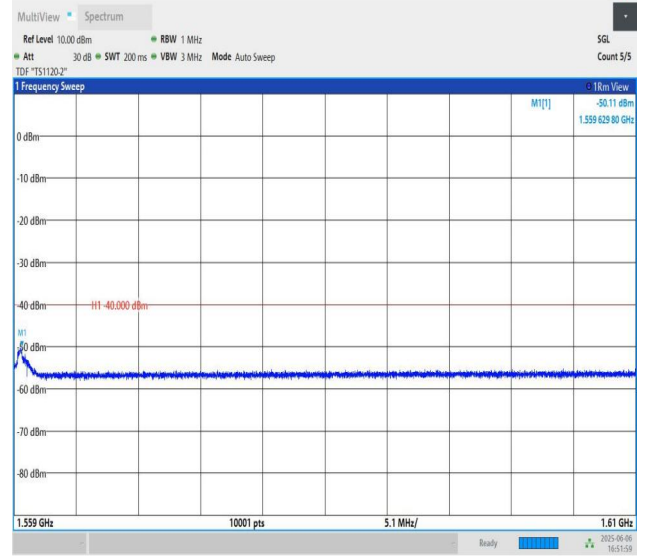


Band13-5MHz-QPSK-23230-PASS



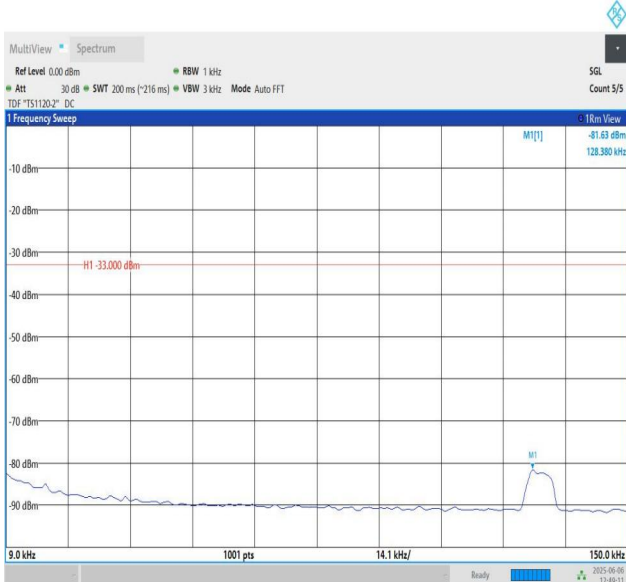
12:49:38 PM 06/06/2025

Band13-5MHz-QPSK-23230-PASS



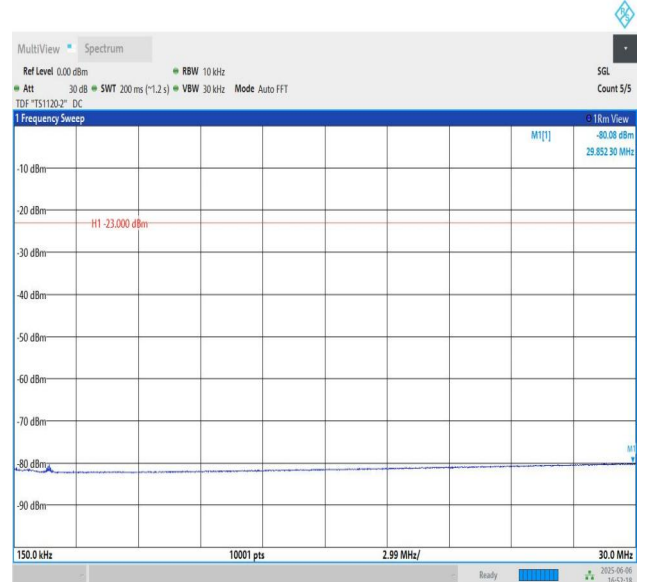
04:52:00 PM 06/06/2025

Band13-5MHz-QPSK-23230-PASS



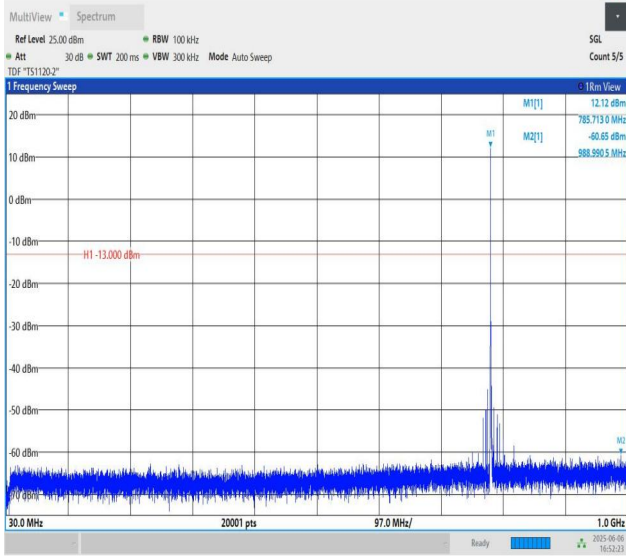
12:49:12 PM 06/06/2025

Band13-5MHz-QPSK-23255-PASS



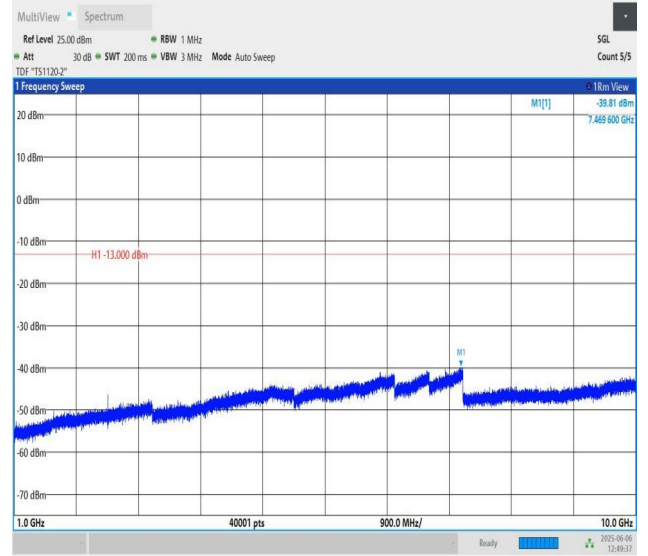
04:52:19 PM 06/06/2025

Band13-5MHz-QPSK-23255-PASS



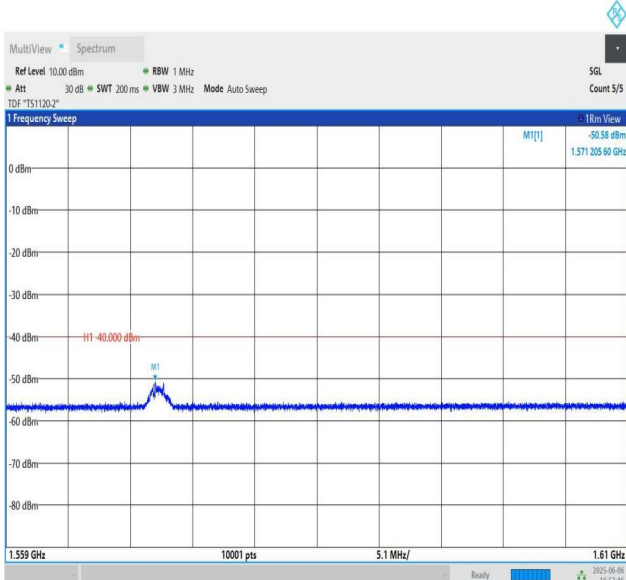
04:52:24 PM 06/06/2025

Band13-5MHz-QPSK-23255-PASS



12:49:38 PM 06/06/2025

Band13-5MHz-QPSK-23255-PASS



04:52:47 PM 06/06/2025

Band13-5MHz-QPSK-23255-PASS

Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	23230	QPSK	6	0	Low	VN	NT	-3.62	-0.004629	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VL	NT	-4.94	-0.006317	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	VH	NT	-5.10	-0.006522	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	23230	QPSK	6	0	Low	NV	-30	-2.83	-0.003619	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-20	3.34	0.004271	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	-10	3.33	0.004258	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	0	-2.91	-0.003721	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	10	3.11	0.003977	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	20	-3.97	-0.005077	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	30	3.74	0.004783	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	40	-4.13	-0.005281	±2.5	PASS
Band13	10MHz	23230	QPSK	6	0	Low	NV	50	-3.11	-0.003977	±2.5	PASS

----- THE END -----