

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
Band85	5MHz	16QAM	134027	1	0	Low	20.82	3.95	22.62	34.8	PASS
Band85	5MHz	16QAM	134027	1	5	Low	20.6	3.95	22.4	34.8	PASS
Band85	5MHz	16QAM	134027	6	0	Low	19.62	3.95	21.42	34.8	PASS
Band85	5MHz	QPSK	134027	1	0	Low	20.75	3.95	22.55	34.8	PASS
Band85	5MHz	QPSK	134027	1	5	Low	20.67	3.95	22.47	34.8	PASS
Band85	5MHz	QPSK	134027	6	0	Low	19.53	3.95	21.33	34.8	PASS
Band85	5MHz	16QAM	134092	1	0	Low	20.56	3.95	22.36	34.8	PASS
Band85	5MHz	16QAM	134092	1	5	Low	20.35	3.95	22.15	34.8	PASS
Band85	5MHz	16QAM	134092	6	0	Low	19.6	3.95	21.4	34.8	PASS
Band85	5MHz	QPSK	134092	1	0	Low	20.73	3.95	22.53	34.8	PASS
Band85	5MHz	QPSK	134092	1	5	Low	20.54	3.95	22.34	34.8	PASS
Band85	5MHz	QPSK	134092	6	0	Low	19.43	3.95	21.23	34.8	PASS
Band85	5MHz	16QAM	134157	1	0	High	20.66	3.95	22.46	34.8	PASS
Band85	5MHz	16QAM	134157	1	5	High	20.64	3.95	22.44	34.8	PASS
Band85	5MHz	16QAM	134157	6	0	High	19.65	3.95	21.45	34.8	PASS
Band85	5MHz	QPSK	134157	1	0	High	20.93	3.95	22.73	34.8	PASS
Band85	5MHz	QPSK	134157	1	5	High	20.54	3.95	22.34	34.8	PASS
Band85	5MHz	QPSK	134157	6	0	High	19.48	3.95	21.28	34.8	PASS
Band85	10MHz	16QAM	134052	1	0	Low	20.76	3.95	22.56	34.8	PASS
Band85	10MHz	16QAM	134052	1	5	Low	20.53	3.95	22.33	34.8	PASS
Band85	10MHz	16QAM	134052	6	0	Low	19.62	3.95	21.42	34.8	PASS
Band85	10MHz	QPSK	134052	1	0	Low	20.86	3.95	22.66	34.8	PASS
Band85	10MHz	QPSK	134052	1	5	Low	20.59	3.95	22.39	34.8	PASS
Band85	10MHz	QPSK	134052	6	0	Low	19.5	3.95	21.3	34.8	PASS
Band85	10MHz	16QAM	134092	1	0	Low	20.69	3.95	22.49	34.8	PASS
Band85	10MHz	16QAM	134092	1	5	Low	20.49	3.95	22.29	34.8	PASS
Band85	10MHz	16QAM	134092	6	0	Low	19.51	3.95	21.31	34.8	PASS
Band85	10MHz	QPSK	134092	1	0	Low	20.75	3.95	22.55	34.8	PASS
Band85	10MHz	QPSK	134092	1	5	Low	20.46	3.95	22.26	34.8	PASS
Band85	10MHz	QPSK	134092	6	0	Low	19.34	3.95	21.14	34.8	PASS
Band85	10MHz	16QAM	134132	1	0	High	20.9	3.95	22.7	34.8	PASS
Band85	10MHz	16QAM	134132	1	5	High	20.61	3.95	22.41	34.8	PASS
Band85	10MHz	16QAM	134132	6	0	High	19.64	3.95	21.44	34.8	PASS
Band85	10MHz	QPSK	134132	1	0	High	20.73	3.95	22.53	34.8	PASS
Band85	10MHz	QPSK	134132	1	5	High	20.64	3.95	22.44	34.8	PASS



ANNEX A.12 - LTE Band 85

Report No.: PD20250117-R3A

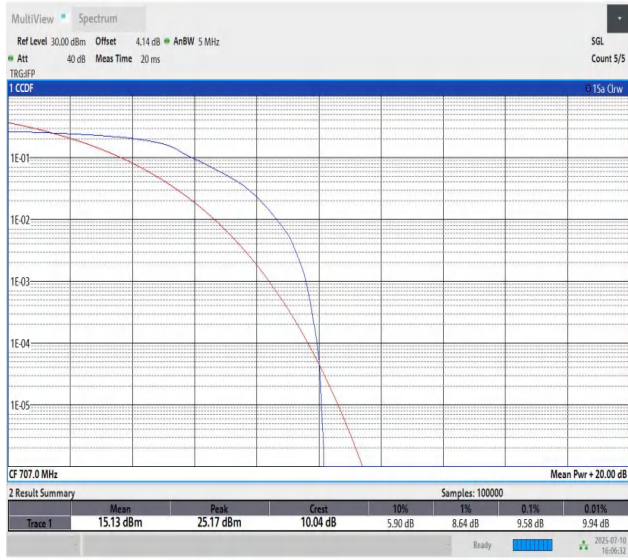
Band85	10MHz	QPSK	134132	6	0	High	19.45	3.95	21.25	34.8	PASS
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Peak-to-Average Ratio(CCDF) for M1

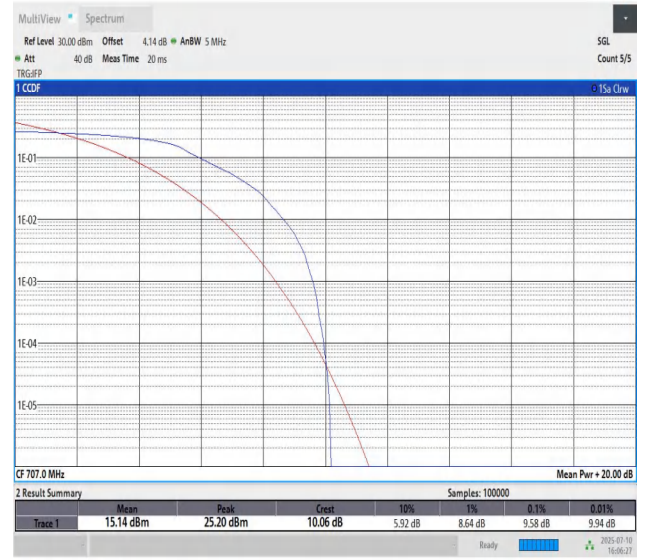
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band85	5MHz	16QAM	134092	6	0	Low	9.58	<=13	PASS
Band85	5MHz	QPSK	134092	6	0	Low	9.58	<=13	PASS
Band85	10MHz	16QAM	134092	6	0	Low	9.58	<=13	PASS
Band85	10MHz	QPSK	134092	6	0	Low	9.58	<=13	PASS

Test Graphs



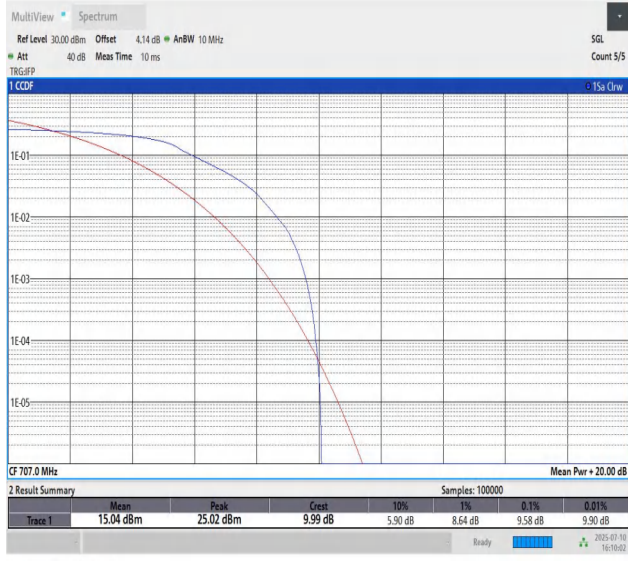
04:06:32 PM 07/10/2025



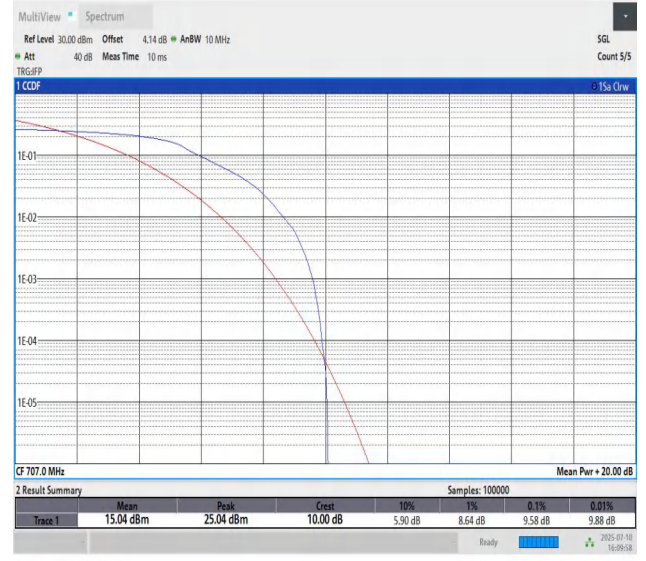
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Band85-5MHz-16QAM-134092-PASS

Band85-5MHz-QPSK-134092-PASS



04:10:03 PM 07/10/2025



04:09:59 PM 07/10/2025

Band85-10MHz-16QAM-134092-PASS

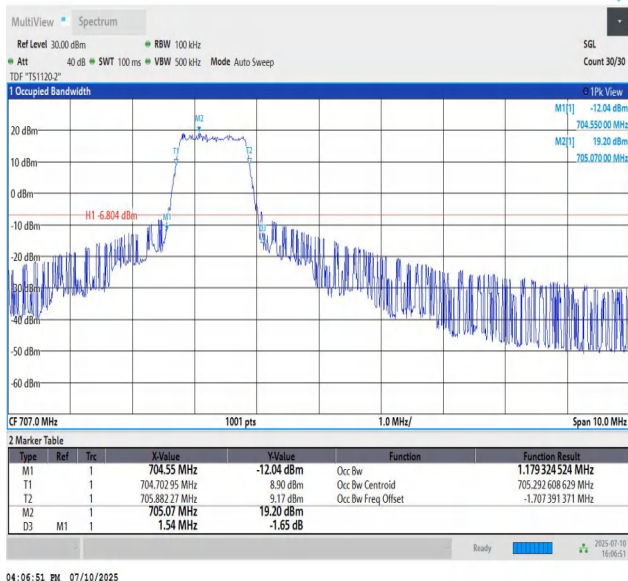
Band85-10MHz-QPSK-134092-PASS

26dB Bandwidth and Occupied Bandwidth for M1

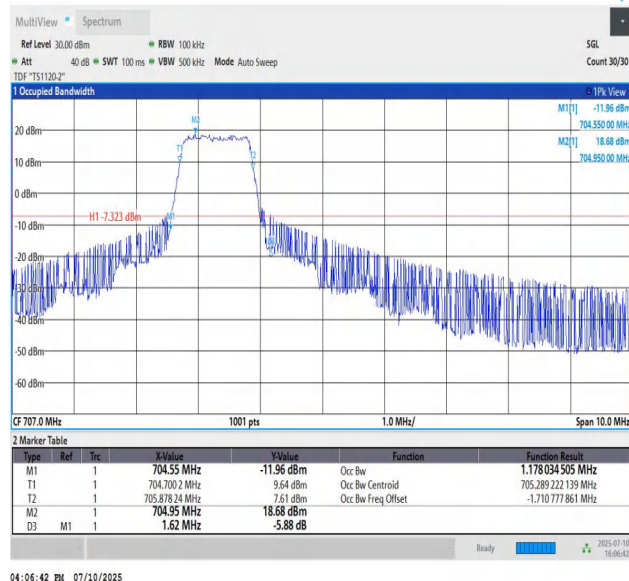
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band85	5MHz	16QAM	134092	6	0	Low	1.179	1.540	PASS
Band85	5MHz	QPSK	134092	6	0	Low	1.178	1.620	PASS
Band85	10MHz	16QAM	134092	6	0	Low	1.345	2.420	PASS
Band85	10MHz	QPSK	134092	6	0	Low	1.331	2.520	PASS

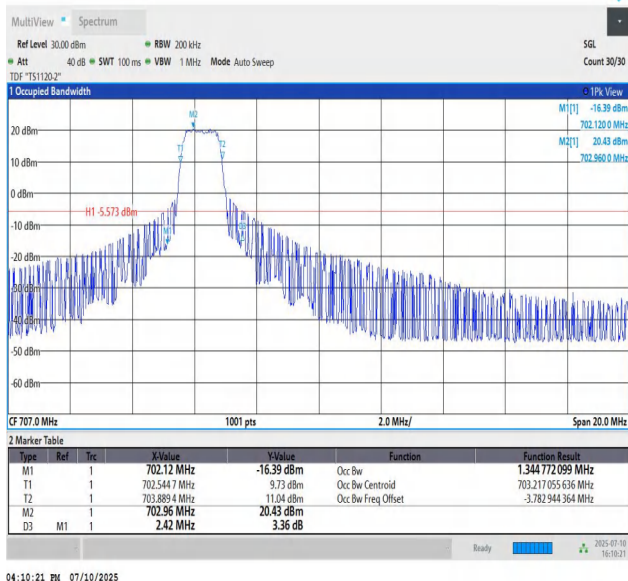
Test Graphs



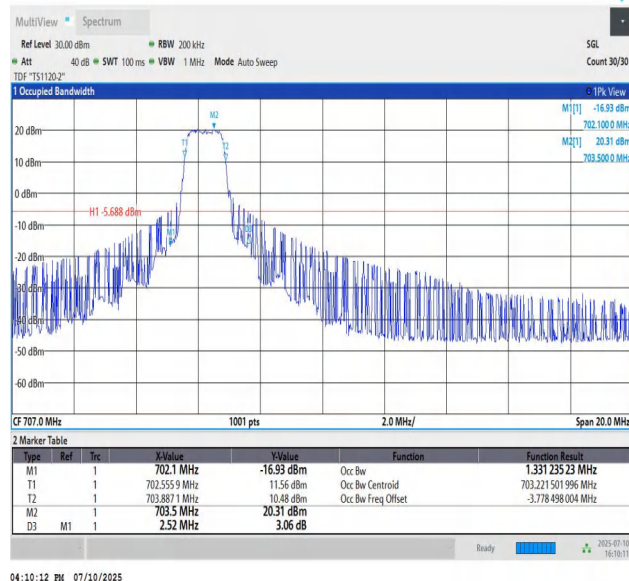
Band85-5MHz-16QAM-134092-PASS



Band85-5MHz-QPSK-134092-PASS



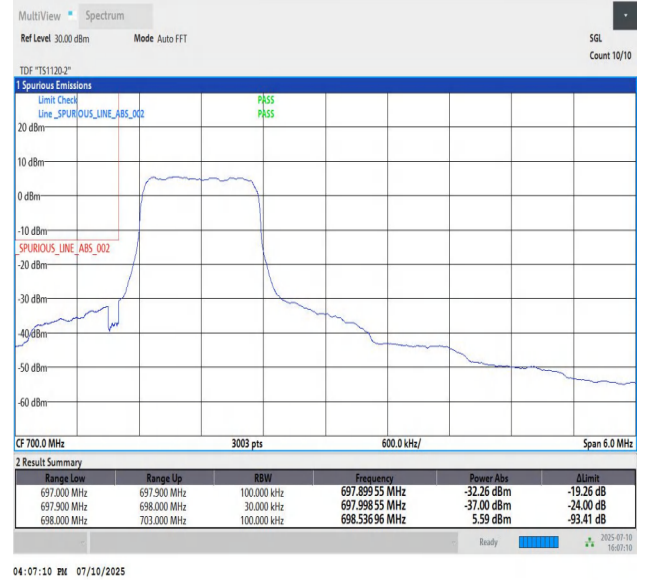
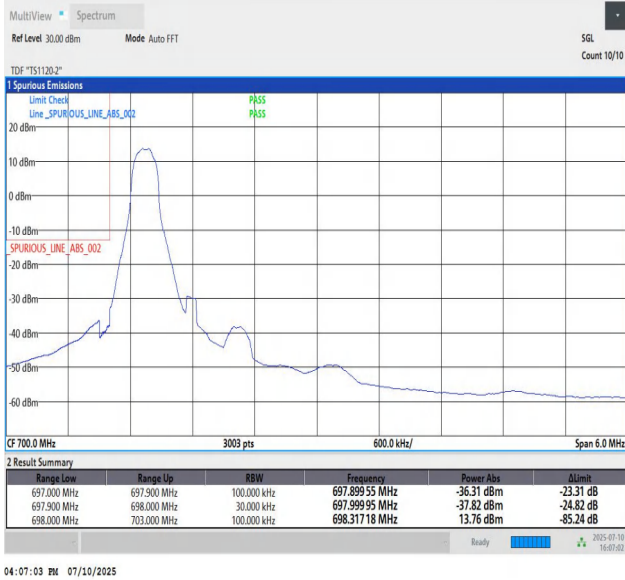
Band85-10MHz-16QAM-134092-PASS



Band85-10MHz-QPSK-134092-PASS

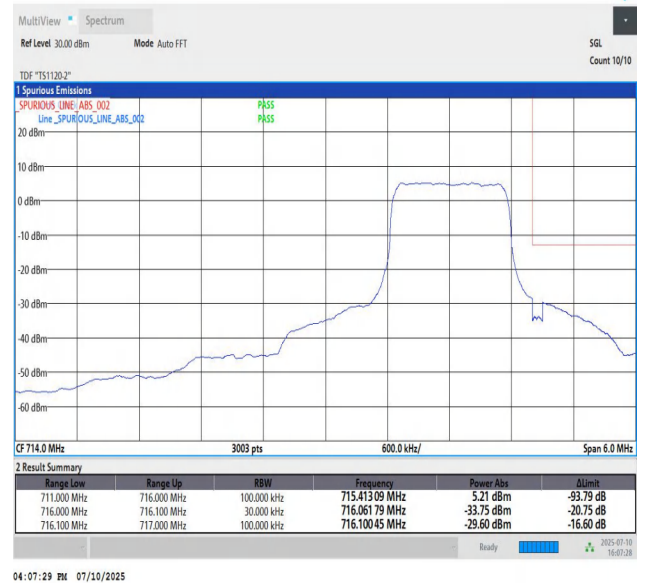
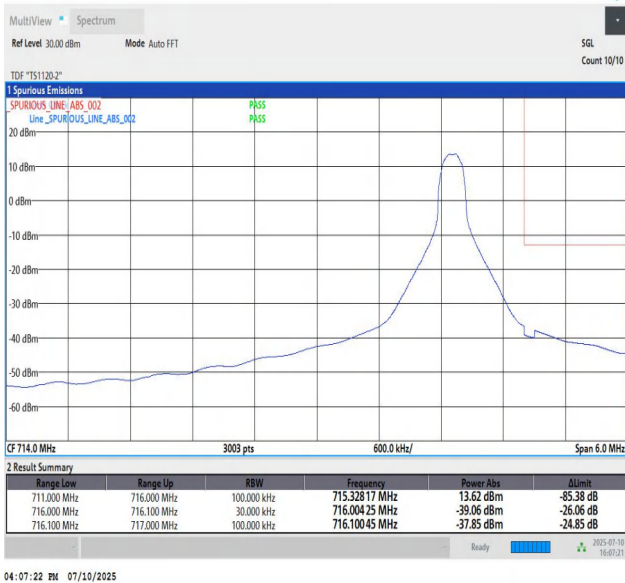
Band Edge for M1

Test Graphs



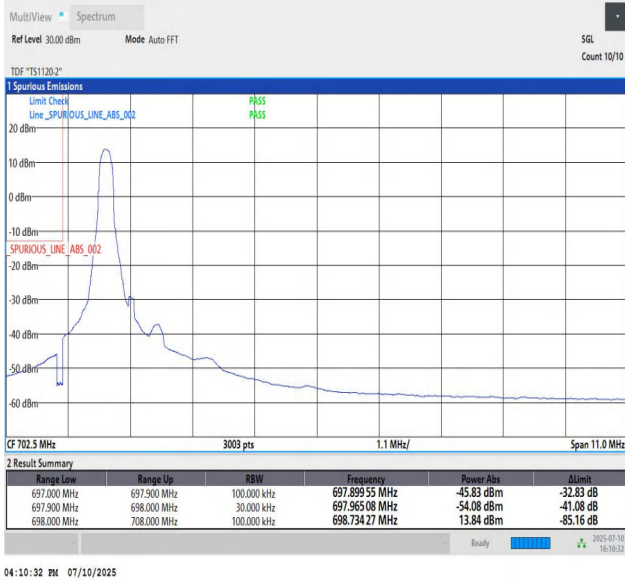
Band85_5MHz_QPSK_134027_1_Low

Band85_5MHz_QPSK_134027_6_Low

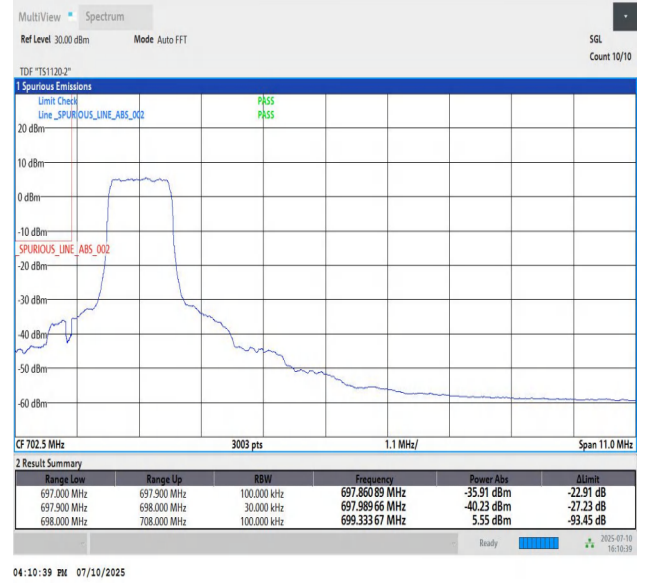


Band85_5MHz_QPSK_134157_1_High

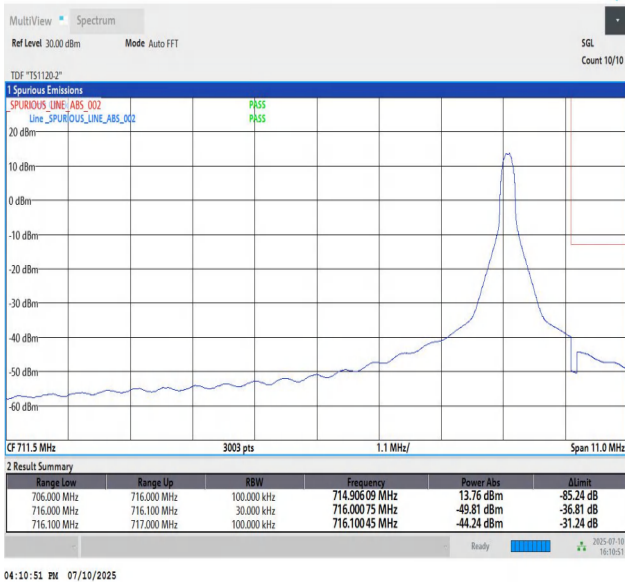
Band85_5MHz_QPSK_134157_6_High



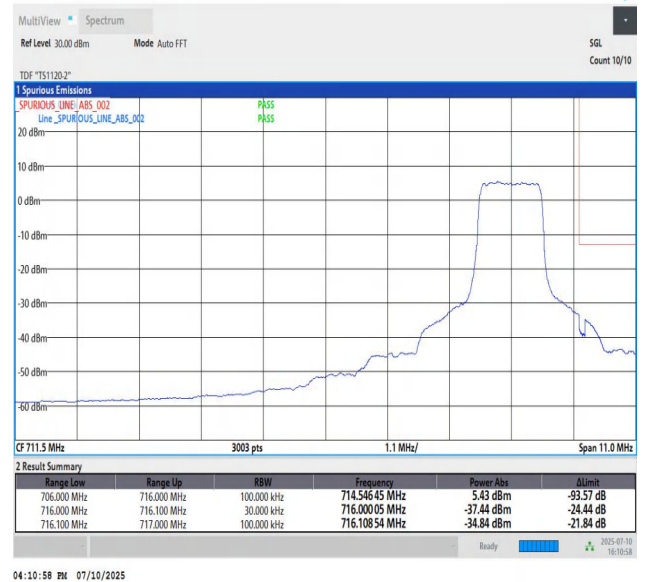
Band85_10MHz_QPSK_134052_1_Low



Band85_10MHz_QPSK_134052_6_Low



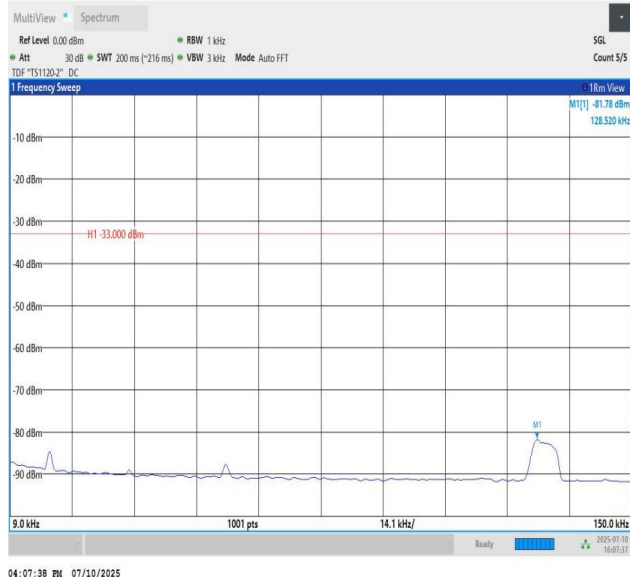
Band85_10MHz_QPSK_134132_1_High



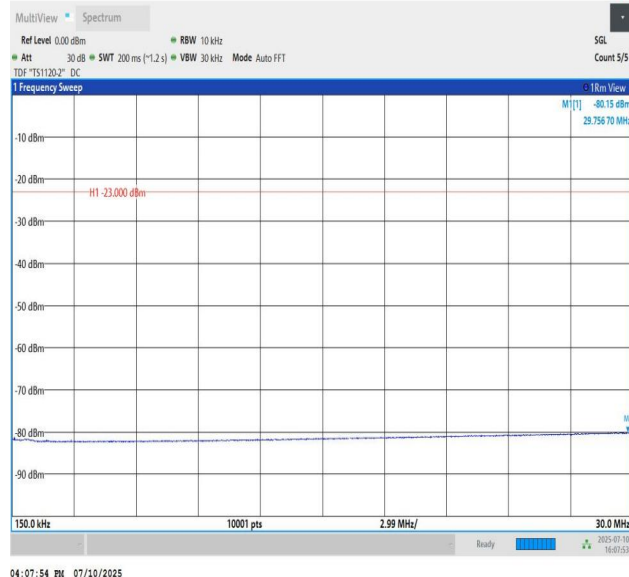
Band85_10MHz_QPSK_134132_6_High

Conducted Spurious Emission for M1

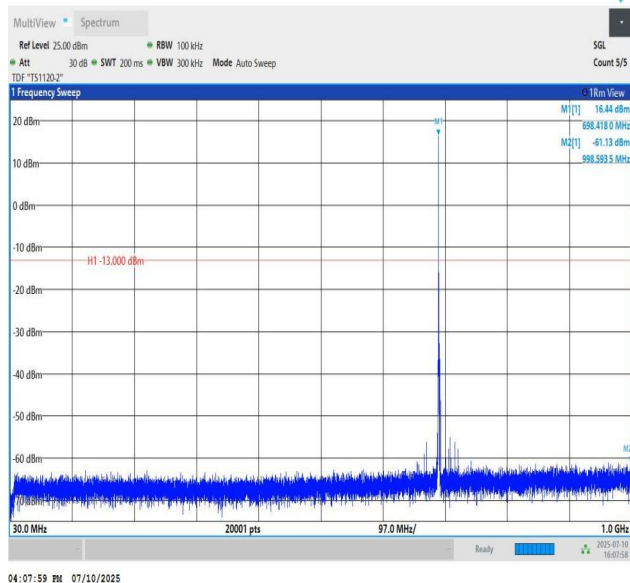
Test Graphs



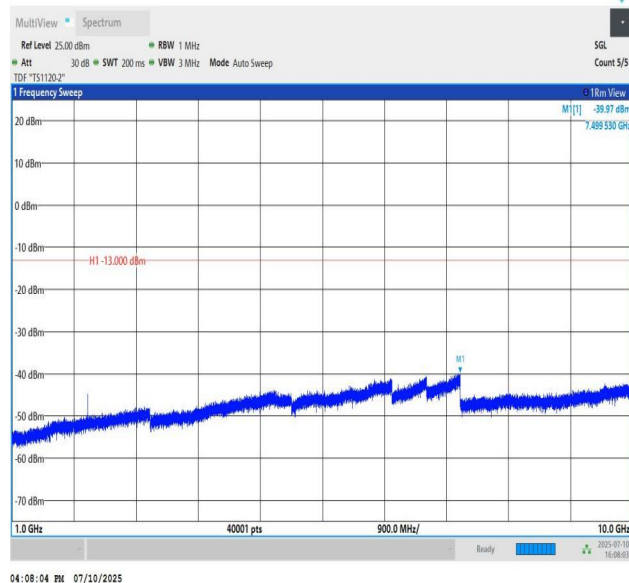
Band85-5MHz-QPSK-134027-PASS



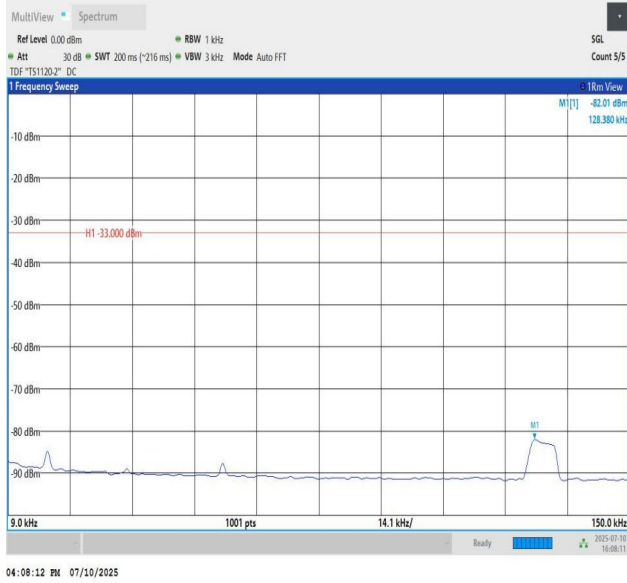
Band85-5MHz-QPSK-134027-PASS



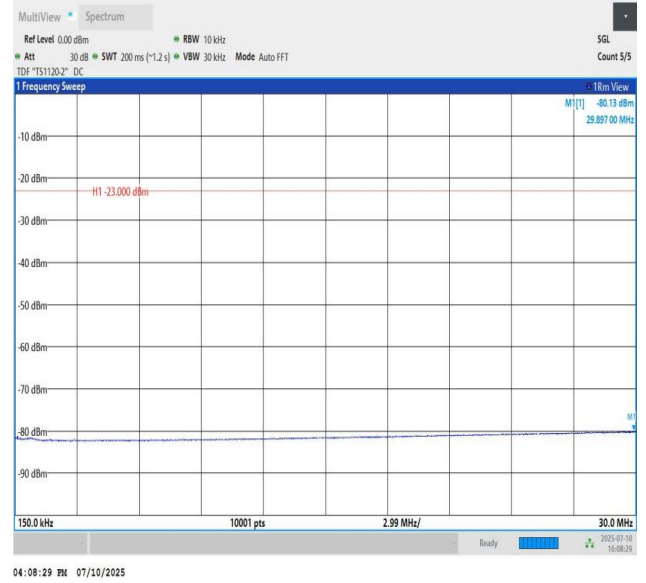
Band85-5MHz-QPSK-134027-PASS



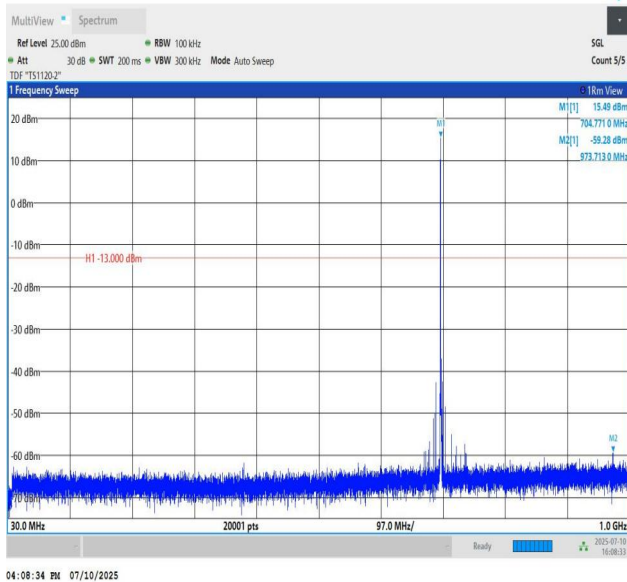
Band85-5MHz-QPSK-134027-PASS



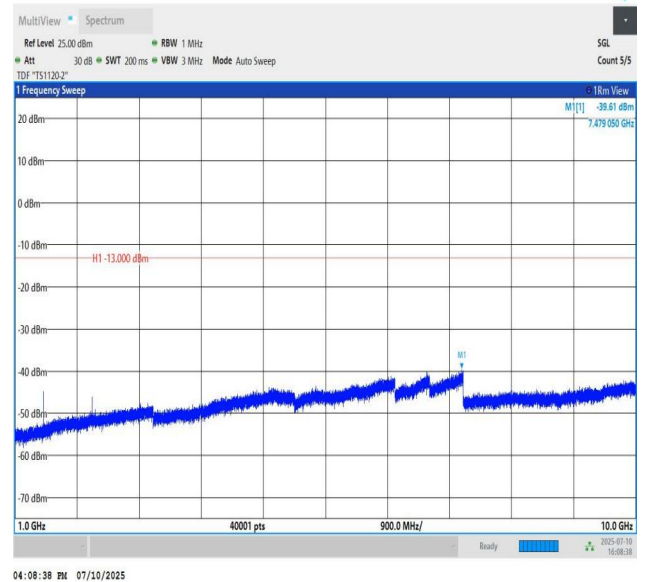
Band85-5MHz-QPSK-134092-PASS



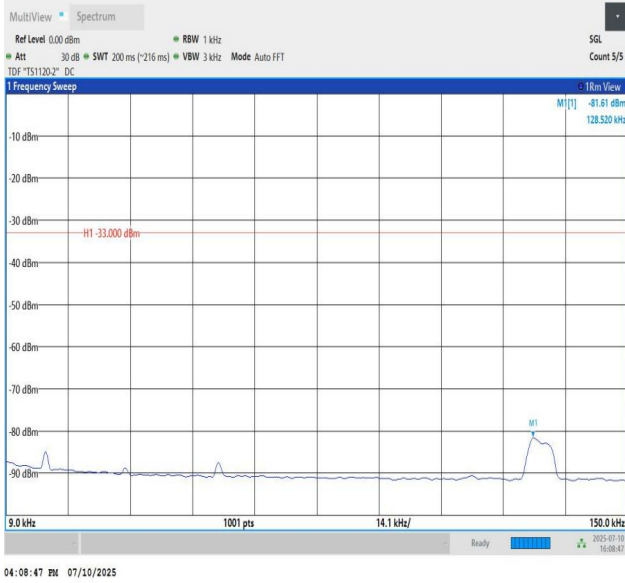
Band85-5MHz-QPSK-134092-PASS



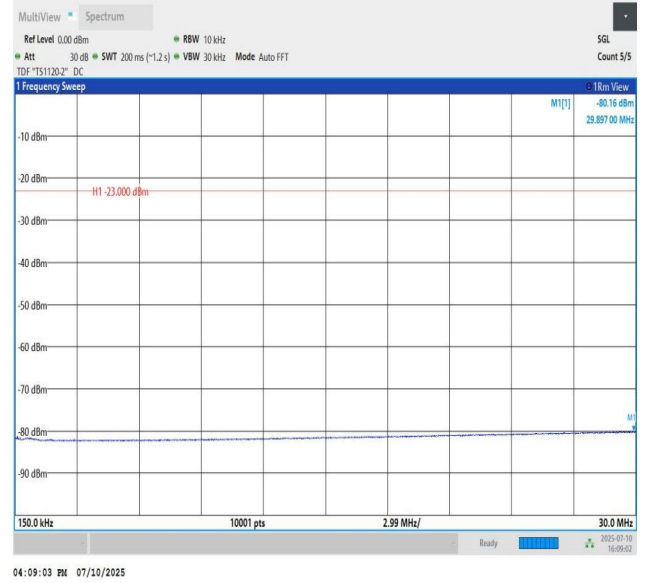
Band85-5MHz-QPSK-134092-PASS



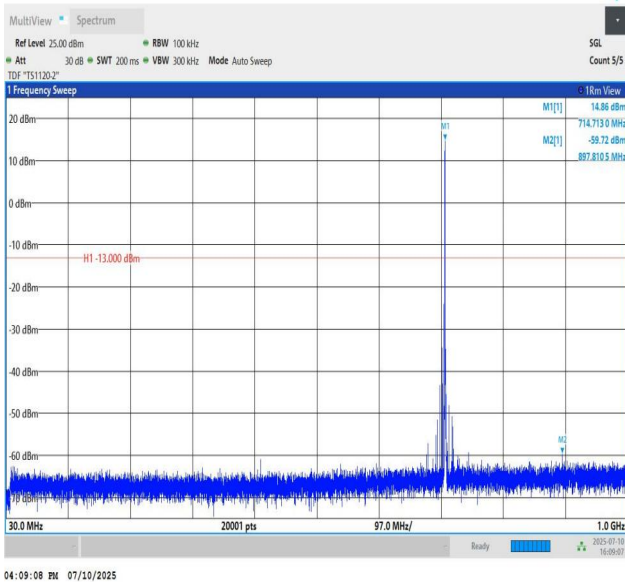
Band85-5MHz-QPSK-134092-PASS



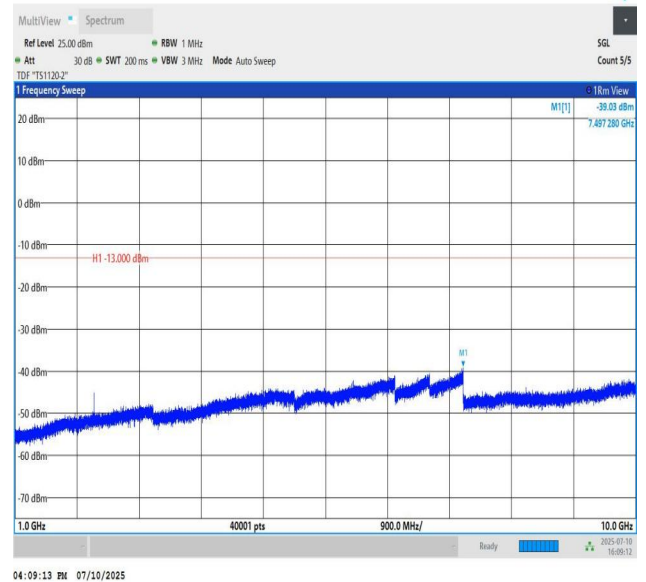
Band85-5MHz-QPSK-134157-PASS



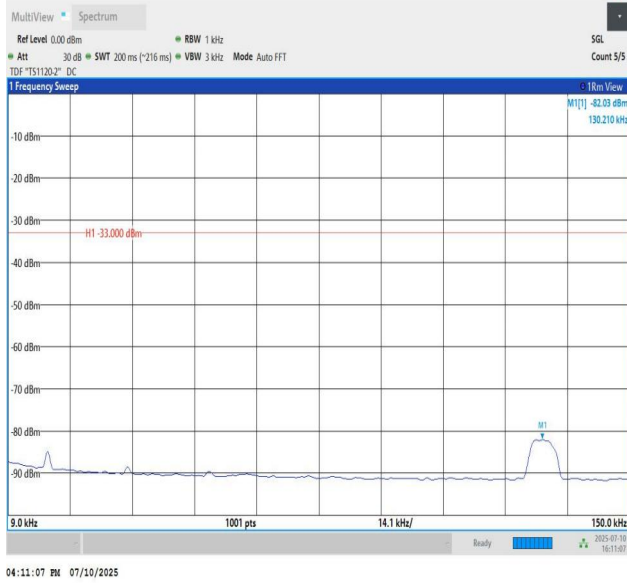
Band85-5MHz-QPSK-134157-PASS



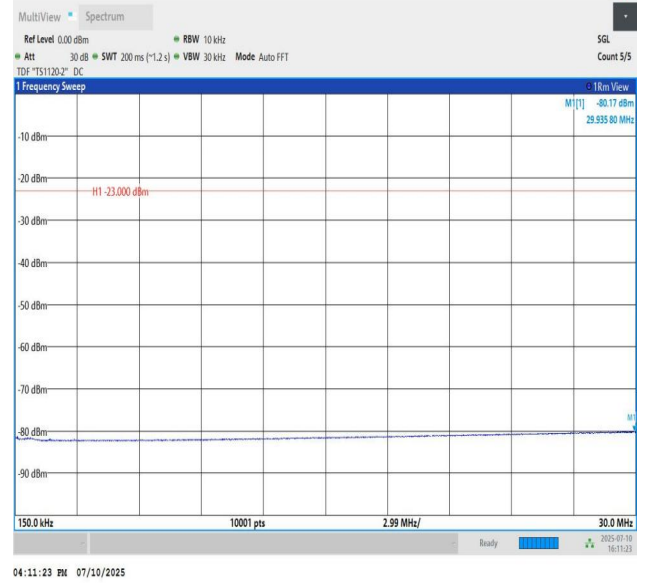
Band85-5MHz-QPSK-134157-PASS



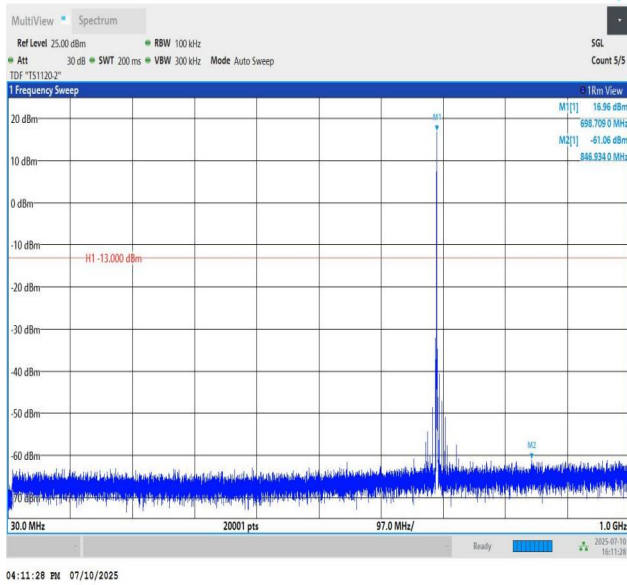
Band85-5MHz-QPSK-134157-PASS



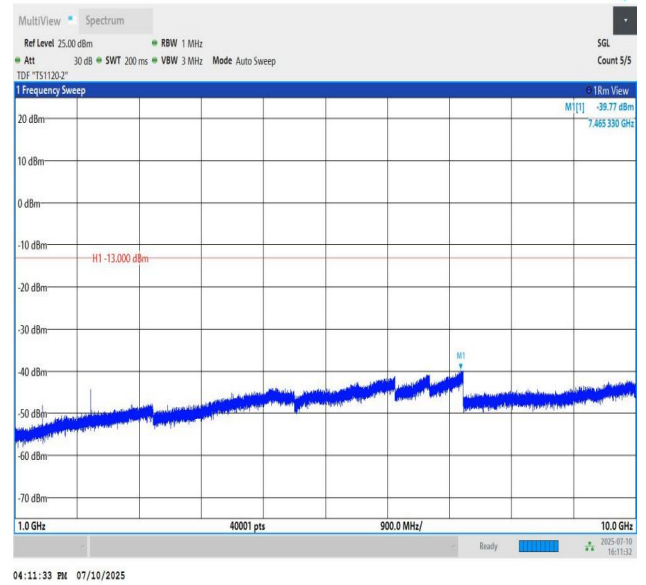
Band85-10MHz-QPSK-134052-PASS



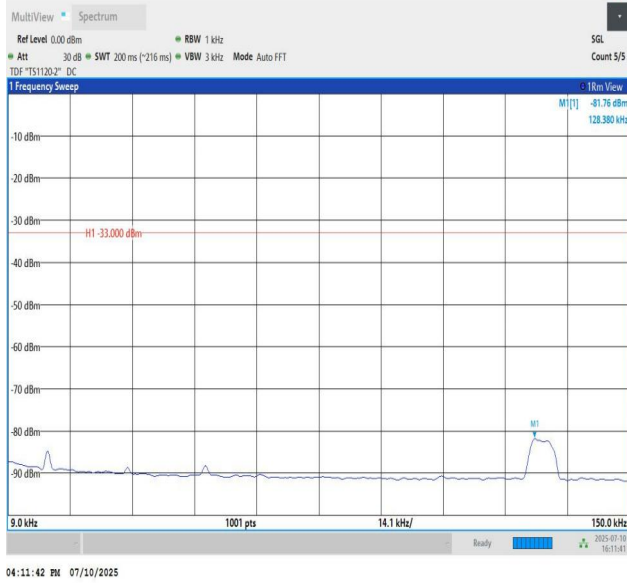
Band85-10MHz-QPSK-134052-PASS



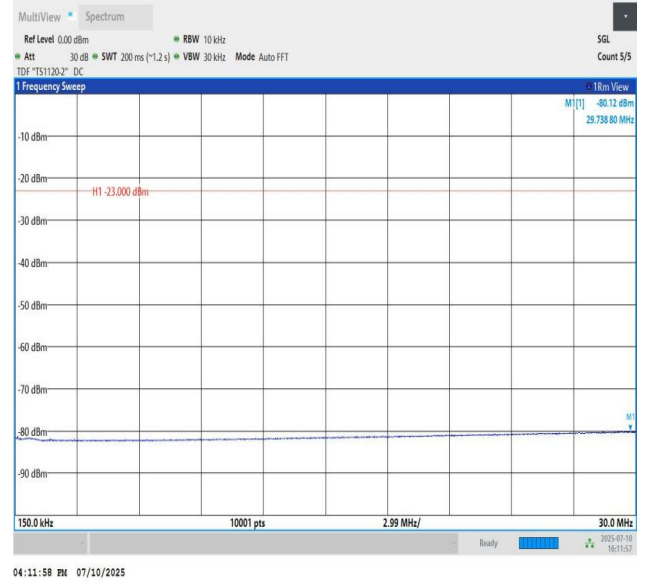
Band85-10MHz-QPSK-134052-PASS



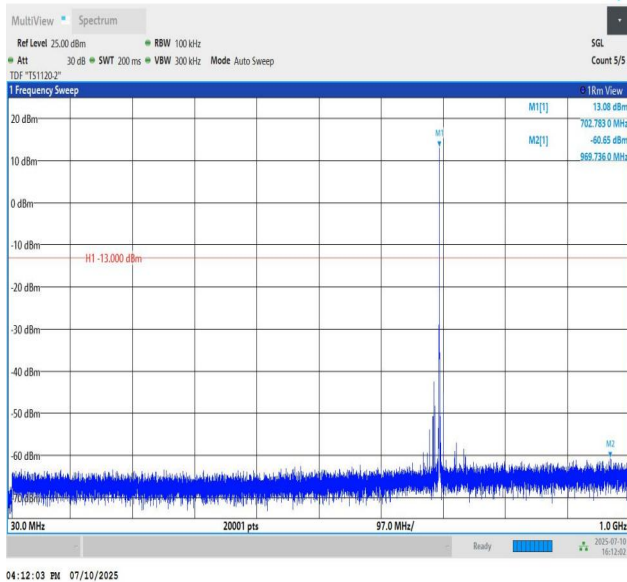
Band85-10MHz-QPSK-134052-PASS



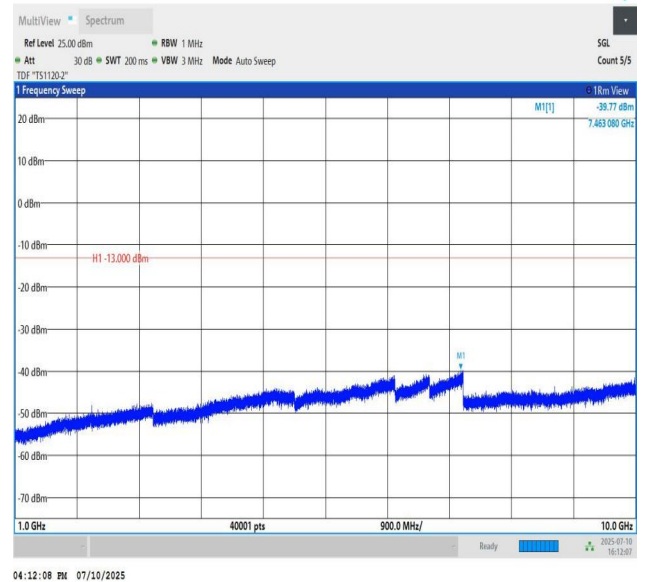
Band85-10MHz-QPSK-134092-PASS



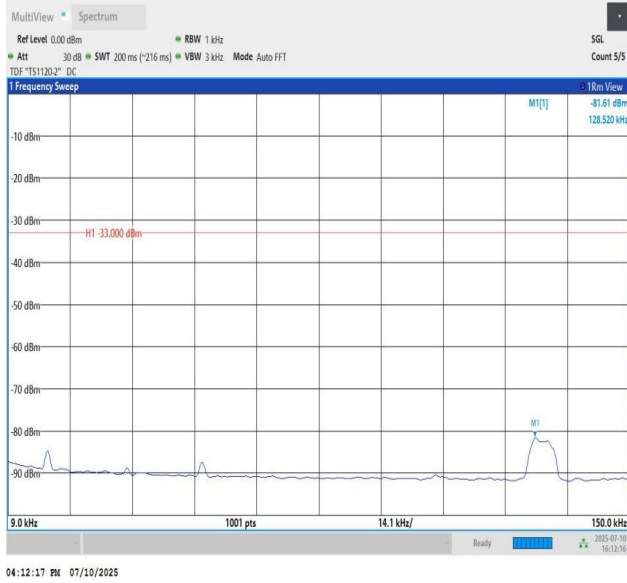
Band85-10MHz-QPSK-134092-PASS



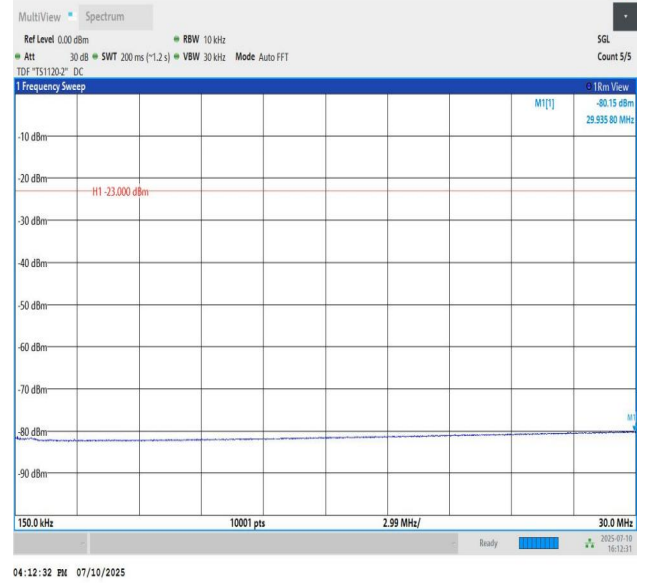
Band85-10MHz-QPSK-134092-PASS



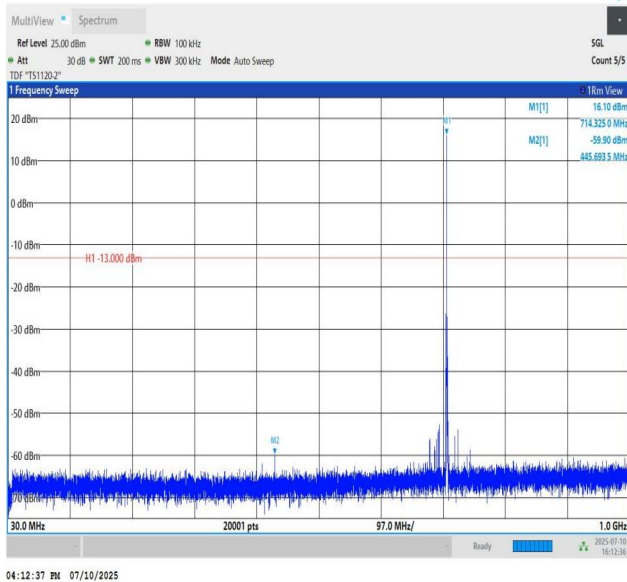
Band85-10MHz-QPSK-134092-PASS



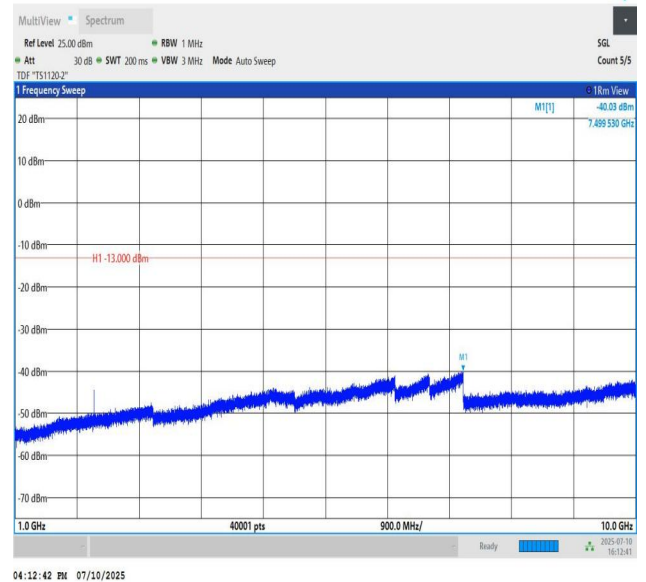
Band85-10MHz-QPSK-134132-PASS



Band85-10MHz-QPSK-134132-PASS



Band85-10MHz-QPSK-134132-PASS



Band85-10MHz-QPSK-134132-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
Band85	10MHz	QPSK	134092	6	0	Low	VN	NT	4.29	0.006068	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	VL	NT	3.91	0.005530	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	VH	NT	4.32	0.006110	±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
Band85	10MHz	QPSK	134092	6	0	Low	NV	-30	4.45	0.006294	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	-20	4.51	0.006379	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	-10	5.51	0.007793	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	0	6.78	0.009590	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	10	4.93	0.006973	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	20	5.22	0.007383	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	30	6.88	0.009731	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	40	4.47	0.006322	±2.5	PASS
Band85	10MHz	QPSK	134092	6	0	Low	NV	50	5.29	0.007482	±2.5	PASS

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