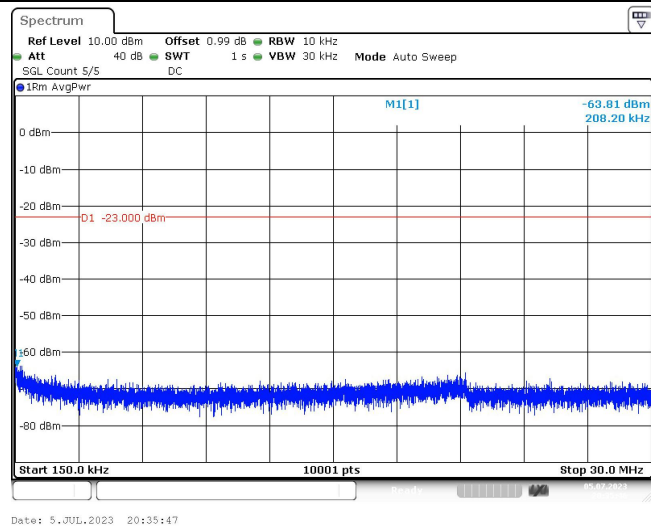
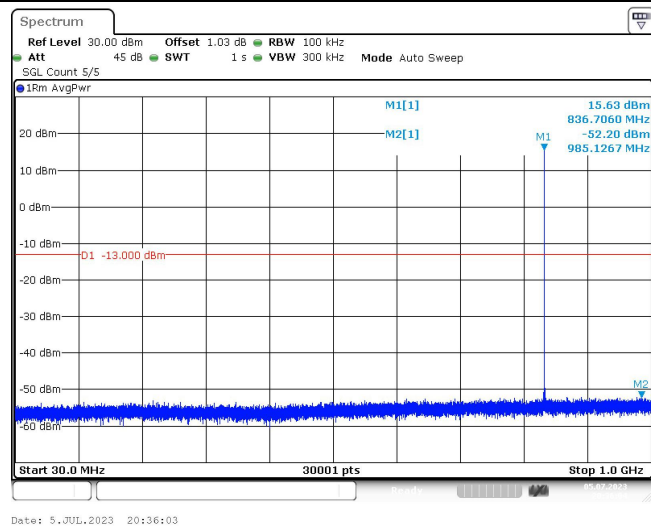
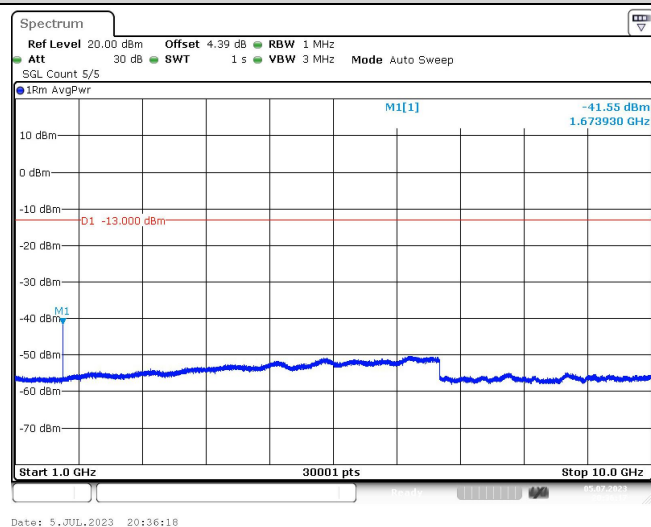




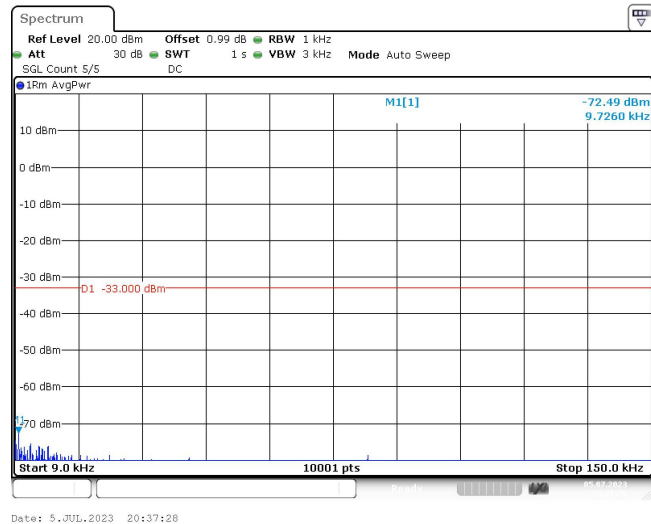
GPRS850-190-30~1000MHz



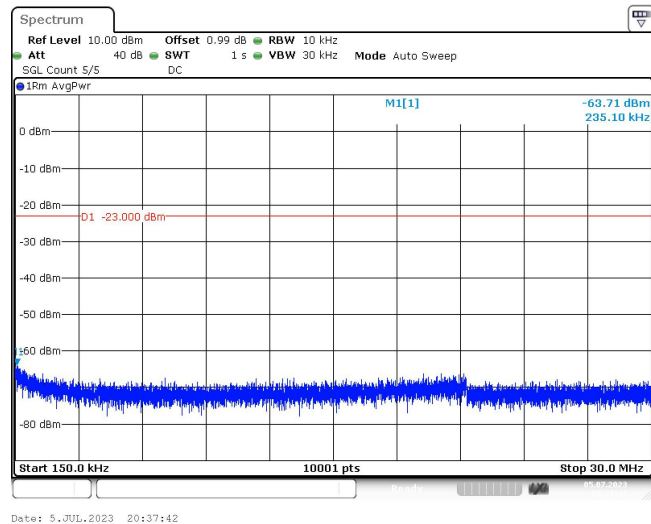
GPRS850-190-1000~10000MHz



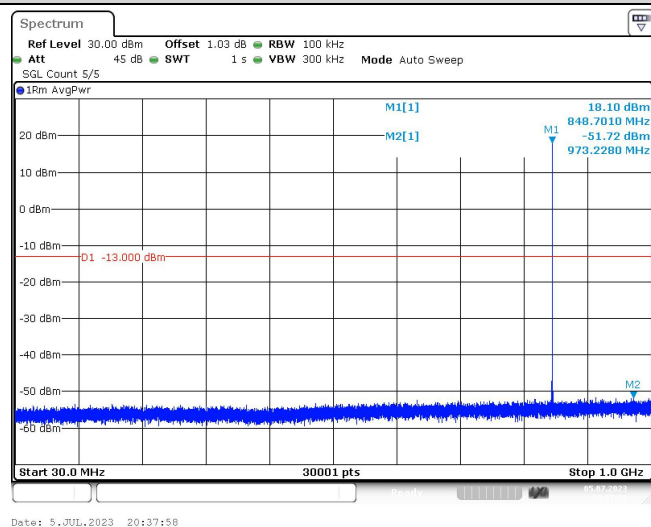
GPRS850-251-0.009~0.15MHz



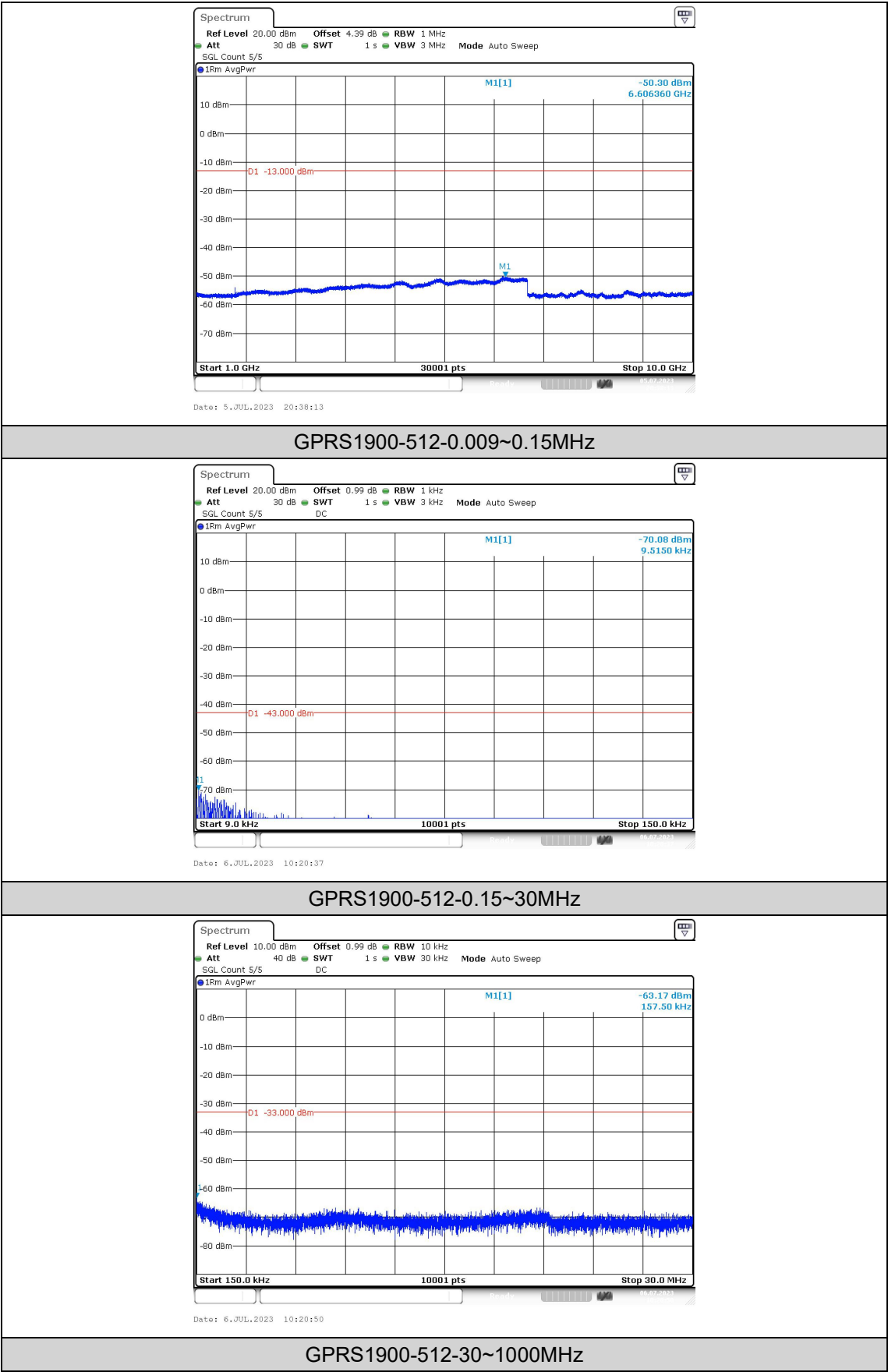
GPRS850-251-0.15~30MHz

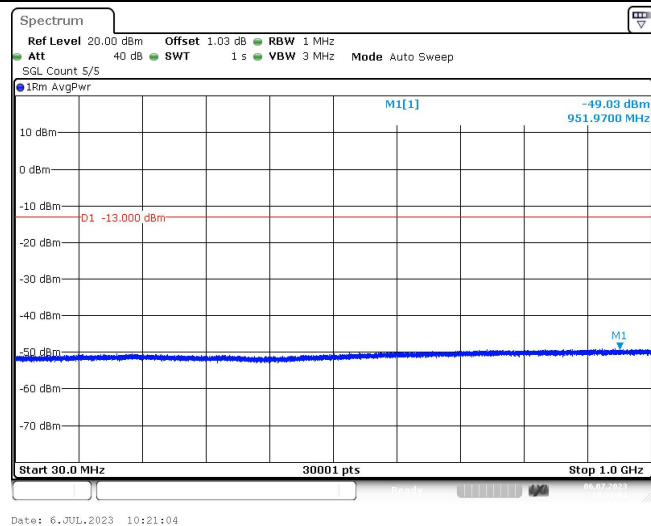


GPRS850-251-30~1000MHz

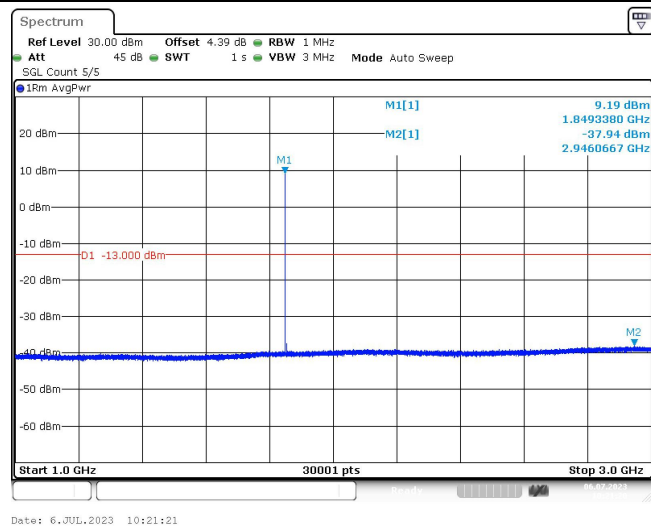


GPRS850-251-1000~10000MHz

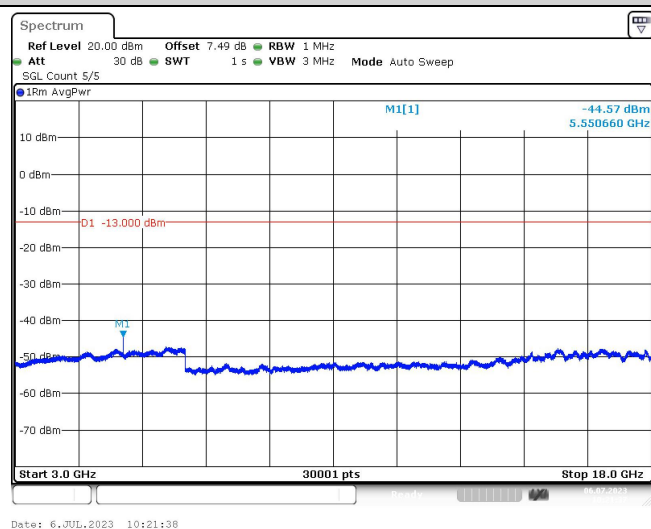




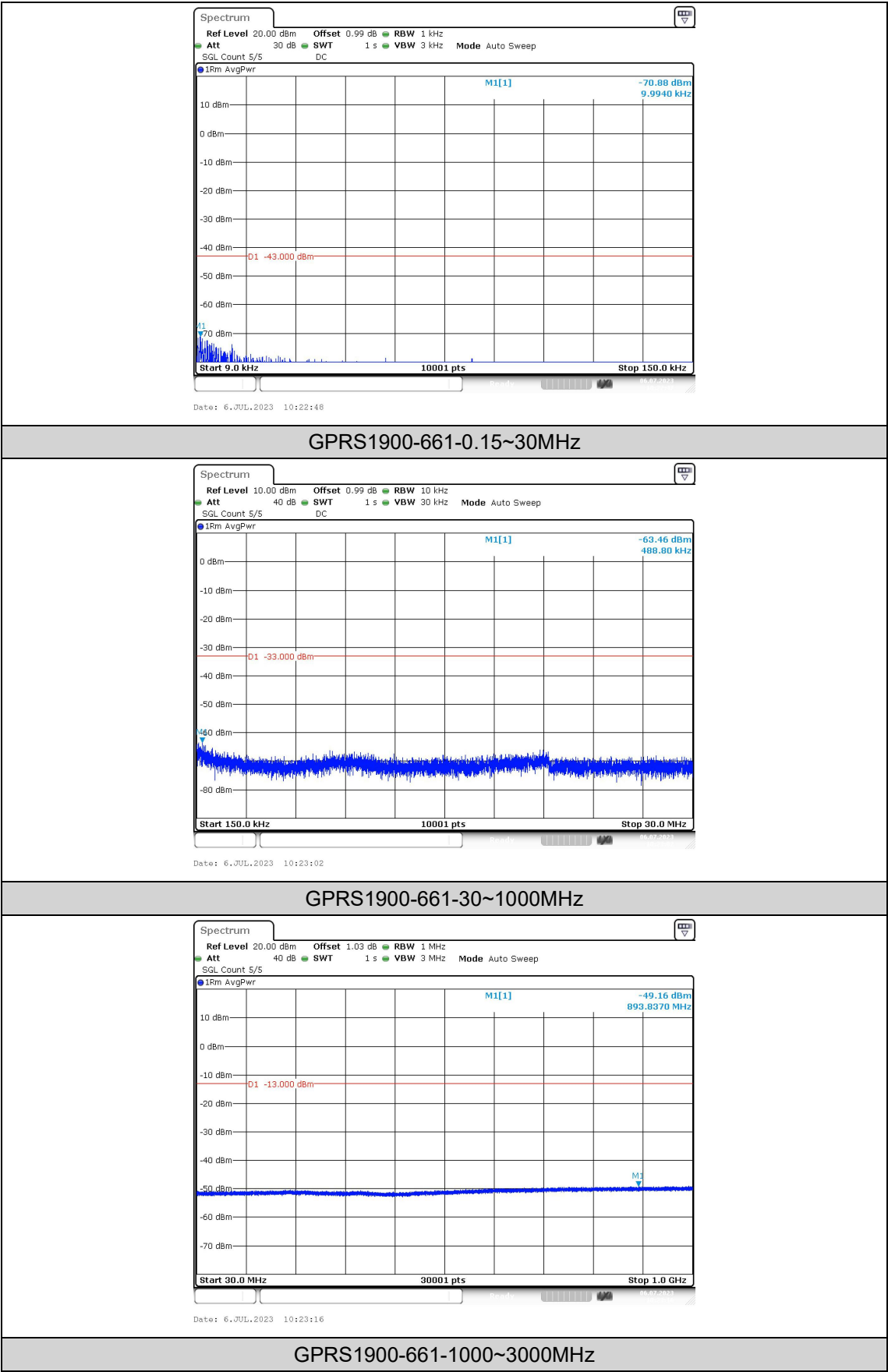
GPRS1900-512-1000~3000MHz

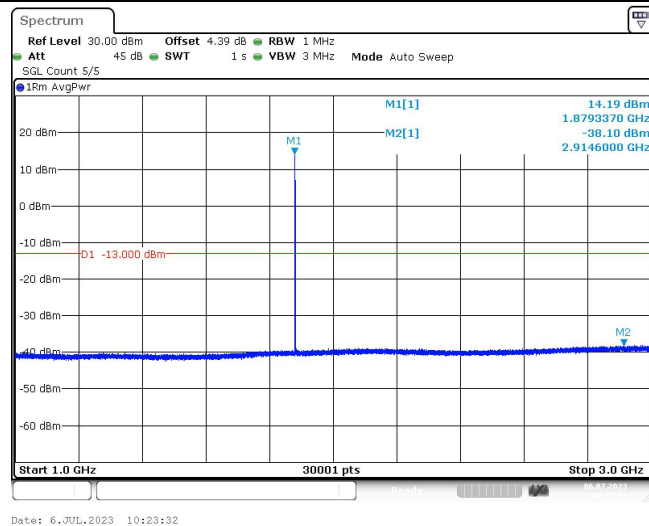


GPRS1900-512-3000~18000MHz

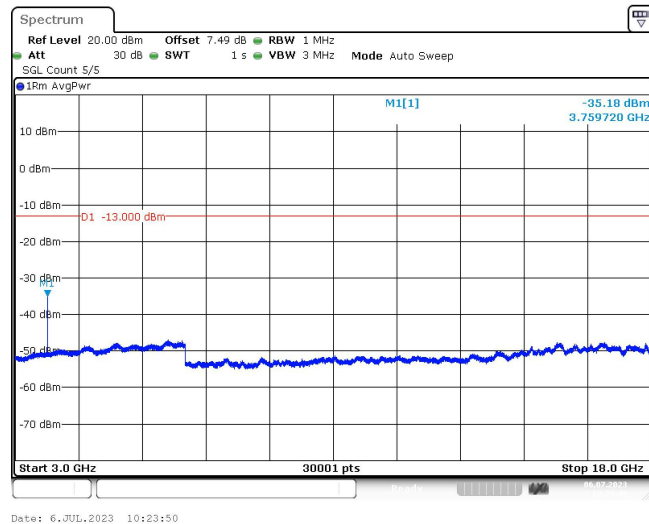


GPRS1900-661-0.009~0.15MHz

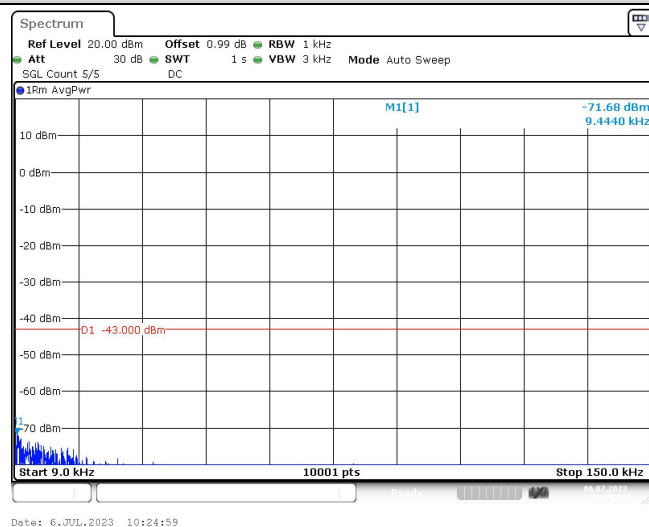




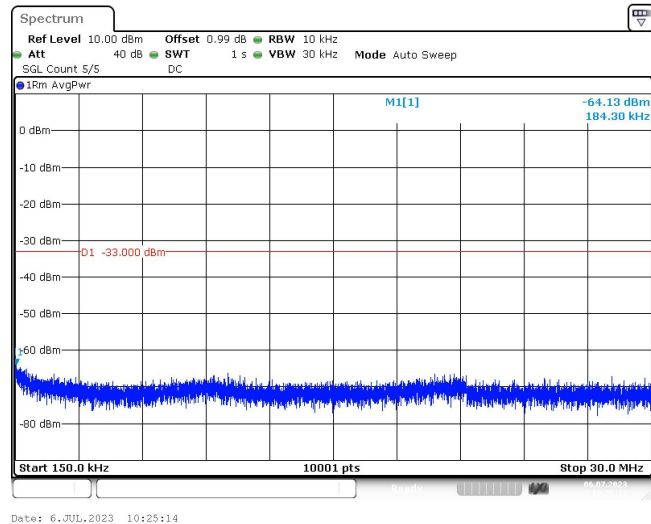
GPRS1900-661-3000~18000MHz



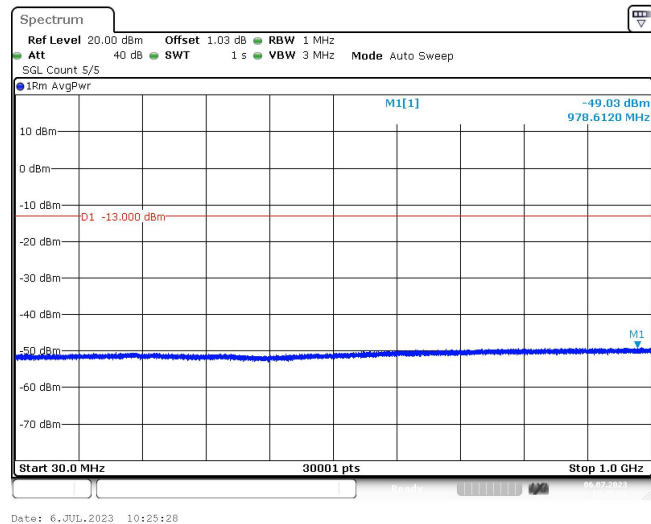
GPRS1900-810-0.009~0.15MHz



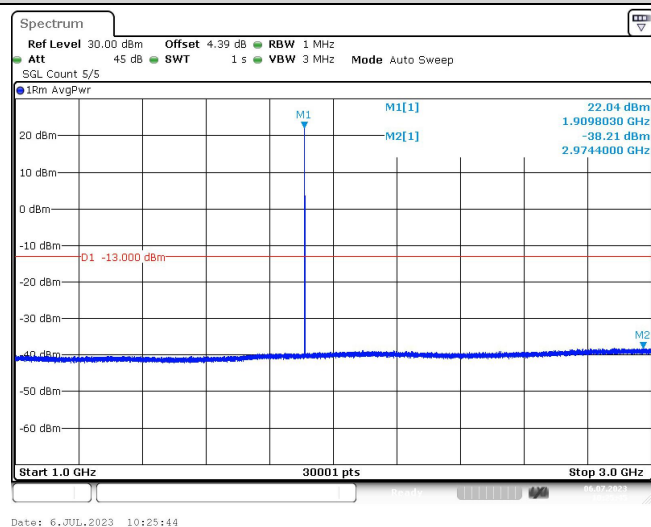
GPRS1900-810-0.15~30MHz



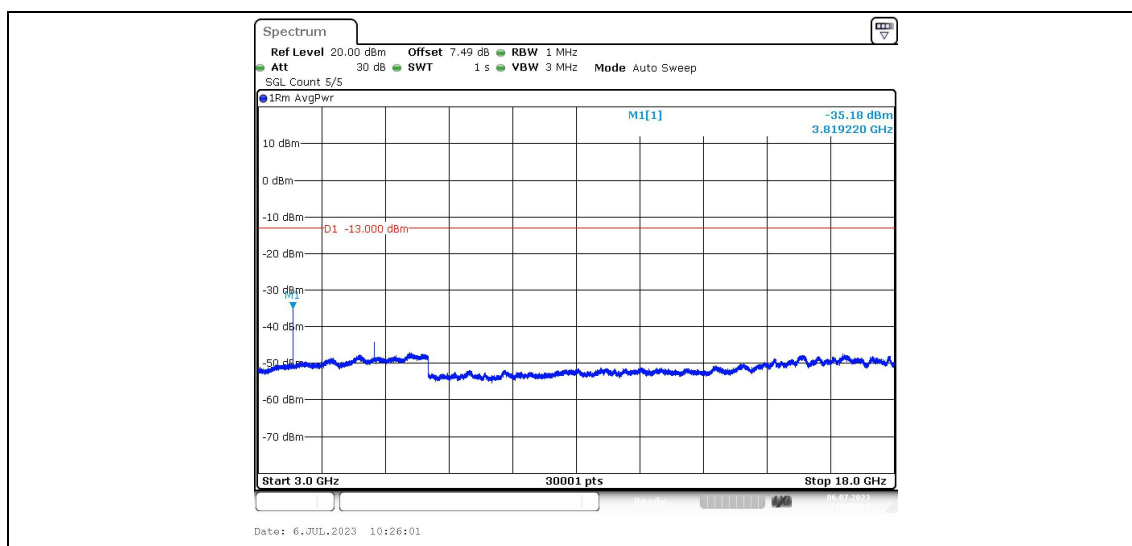
GPRS1900-810-30~1000MHz



GPRS1900-810-1000~3000MHz



GPRS1900-810-3000~18000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	VL	NT	-17.72	-0.021500	±2.5	PASS
GPRS850	128	VN	NT	-14.85	-0.018017	±2.5	PASS
GPRS850	128	VH	NT	-12.91	-0.015664	±2.5	PASS
GPRS850	190	VL	NT	-15.17	-0.018133	±2.5	PASS
GPRS850	190	VN	NT	-17.66	-0.021109	±2.5	PASS
GPRS850	190	VH	NT	-13.72	-0.016400	±2.5	PASS
GPRS850	251	VL	NT	-13.79	-0.016246	±2.5	PASS
GPRS850	251	VN	NT	-17.40	-0.020500	±2.5	PASS
GPRS850	251	VH	NT	-12.91	-0.015210	±2.5	PASS
GPRS1900	512	VL	NT	-33.61	-0.018166	±2.5	PASS
GPRS1900	512	VN	NT	-26.73	-0.014447	±2.5	PASS
GPRS1900	512	VH	NT	-25.18	-0.013609	±2.5	PASS
GPRS1900	661	VL	NT	-25.09	-0.013346	±2.5	PASS
GPRS1900	661	VN	NT	-33.93	-0.018048	±2.5	PASS
GPRS1900	661	VH	NT	-27.22	-0.014479	±2.5	PASS
GPRS1900	810	VL	NT	-27.06	-0.014169	±2.5	PASS
GPRS1900	810	VN	NT	-30.90	-0.016180	±2.5	PASS
GPRS1900	810	VH	NT	-29.61	-0.015504	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	NV	-30	-15.82	-0.019194	±2.5	PASS
GPRS850	128	NV	-20	-17.60	-0.021354	±2.5	PASS
GPRS850	128	NV	-10	-10.88	-0.013201	±2.5	PASS
GPRS850	128	NV	0	-14.04	-0.017035	±2.5	PASS
GPRS850	128	NV	10	-13.37	-0.016222	±2.5	PASS
GPRS850	128	NV	20	-13.56	-0.016452	±2.5	PASS
GPRS850	128	NV	30	-9.59	-0.011636	±2.5	PASS
GPRS850	128	NV	40	-13.27	-0.016100	±2.5	PASS
GPRS850	128	NV	50	-11.91	-0.014450	±2.5	PASS
GPRS850	190	NV	-30	-15.14	-0.018097	±2.5	PASS
GPRS850	190	NV	-20	-13.98	-0.016710	±2.5	PASS
GPRS850	190	NV	-10	-12.62	-0.015085	±2.5	PASS
GPRS850	190	NV	0	-12.46	-0.014894	±2.5	PASS
GPRS850	190	NV	10	-8.85	-0.010579	±2.5	PASS
GPRS850	190	NV	20	-13.20	-0.015778	±2.5	PASS
GPRS850	190	NV	30	-12.98	-0.015515	±2.5	PASS
GPRS850	190	NV	40	-15.50	-0.018527	±2.5	PASS
GPRS850	190	NV	50	-13.59	-0.016244	±2.5	PASS
GPRS850	251	NV	-30	-13.95	-0.016435	±2.5	PASS
GPRS850	251	NV	-20	-7.91	-0.009319	±2.5	PASS
GPRS850	251	NV	-10	-10.49	-0.012359	±2.5	PASS
GPRS850	251	NV	0	-13.62	-0.016046	±2.5	PASS
GPRS850	251	NV	10	-14.08	-0.016588	±2.5	PASS
GPRS850	251	NV	20	-11.40	-0.013431	±2.5	PASS
GPRS850	251	NV	30	-14.63	-0.017236	±2.5	PASS
GPRS850	251	NV	40	-14.24	-0.016777	±2.5	PASS
GPRS850	251	NV	50	-15.53	-0.018296	±2.5	PASS
GPRS1900	512	NV	-30	-27.28	-0.014744	±2.5	PASS
GPRS1900	512	NV	-20	-48.53	-0.026230	±2.5	PASS
GPRS1900	512	NV	-10	-45.94	-0.024830	±2.5	PASS
GPRS1900	512	NV	0	-52.24	-0.028235	±2.5	PASS
GPRS1900	512	NV	10	-41.33	-0.022338	±2.5	PASS
GPRS1900	512	NV	20	-38.42	-0.020765	±2.5	PASS
GPRS1900	512	NV	30	-42.39	-0.022911	±2.5	PASS
GPRS1900	512	NV	40	-41.65	-0.022511	±2.5	PASS
GPRS1900	512	NV	50	-36.77	-0.019874	±2.5	PASS
GPRS1900	661	NV	-30	-28.86	-0.015351	±2.5	PASS

GPRS1900	661	NV	-20	-24.50	-0.013032	±2.5	PASS
GPRS1900	661	NV	-10	-51.66	-0.027479	±2.5	PASS
GPRS1900	661	NV	0	-39.78	-0.021160	±2.5	PASS
GPRS1900	661	NV	10	-44.30	-0.023564	±2.5	PASS
GPRS1900	661	NV	20	-33.09	-0.017601	±2.5	PASS
GPRS1900	661	NV	30	-29.32	-0.015596	±2.5	PASS
GPRS1900	661	NV	40	-34.42	-0.018309	±2.5	PASS
GPRS1900	661	NV	50	-29.48	-0.015681	±2.5	PASS
GPRS1900	810	NV	-30	-30.77	-0.016112	±2.5	PASS
GPRS1900	810	NV	-20	-31.83	-0.016667	±2.5	PASS
GPRS1900	810	NV	-10	-41.00	-0.021468	±2.5	PASS
GPRS1900	810	NV	0	-37.10	-0.019426	±2.5	PASS
GPRS1900	810	NV	10	-39.16	-0.020505	±2.5	PASS
GPRS1900	810	NV	20	-35.39	-0.018531	±2.5	PASS
GPRS1900	810	NV	30	-38.71	-0.020269	±2.5	PASS
GPRS1900	810	NV	40	-28.83	-0.015096	±2.5	PASS
GPRS1900	810	NV	50	-32.83	-0.017190	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
GPRS850	128	PASS	PASS
GPRS850	190	PASS	PASS
GPRS850	251	PASS	PASS
GPRS1900	512	PASS	PASS
GPRS1900	661	PASS	PASS
GPRS1900	810	PASS	PASS

Test Graphs

