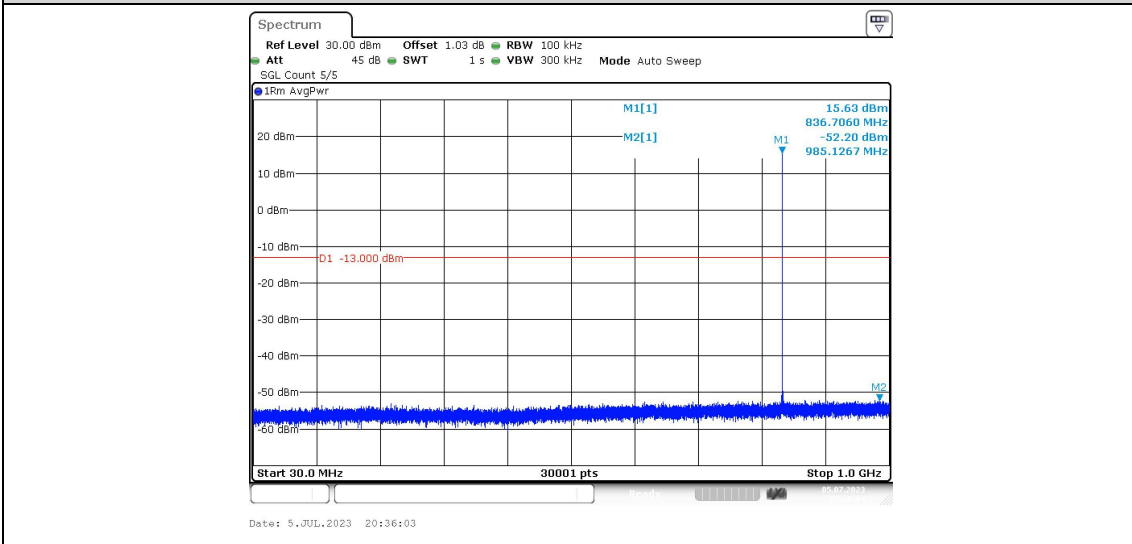
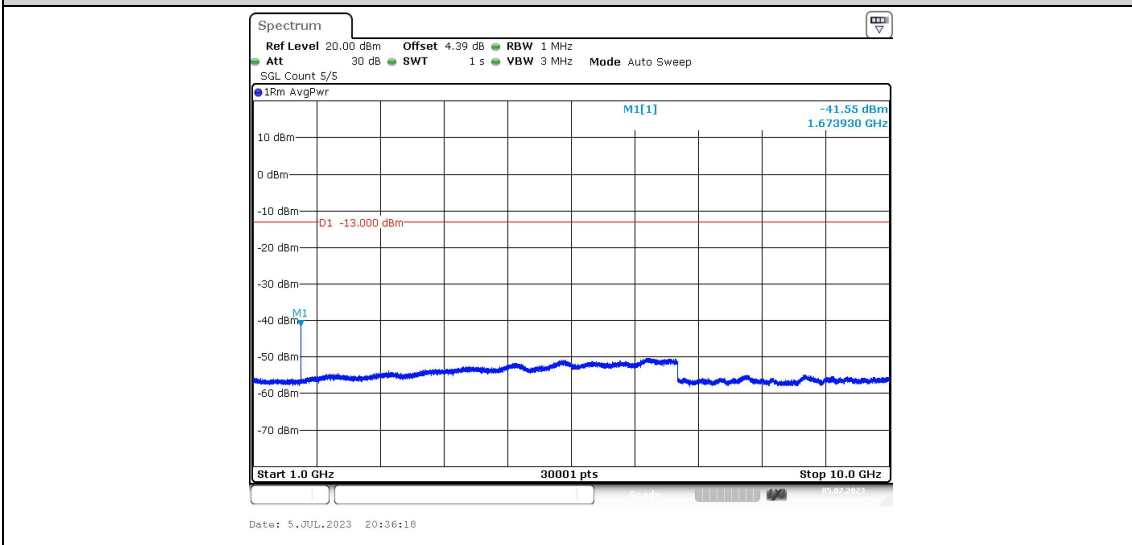


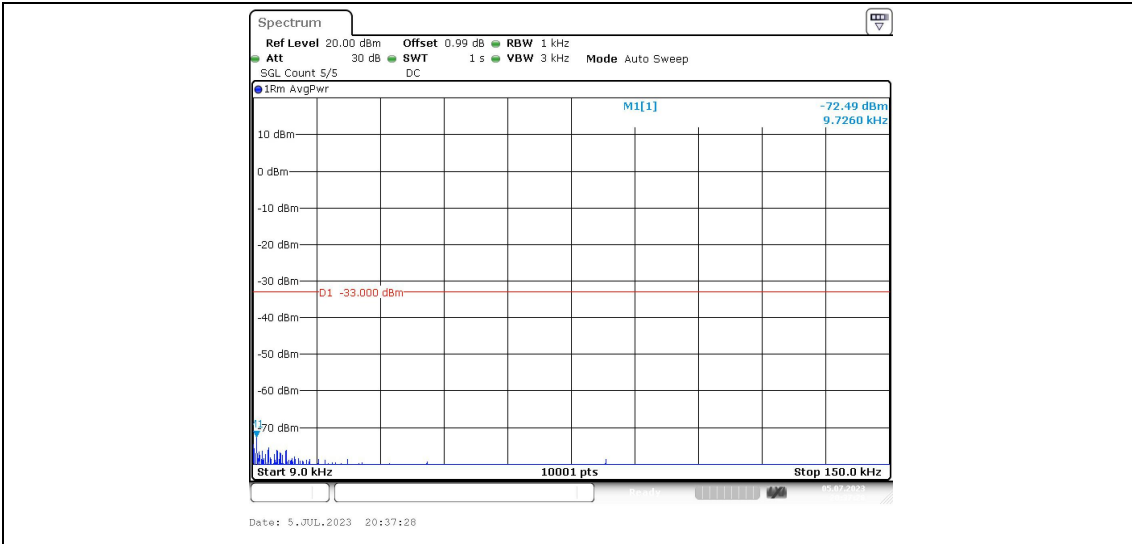
GPRS850-190-30~1000MHz



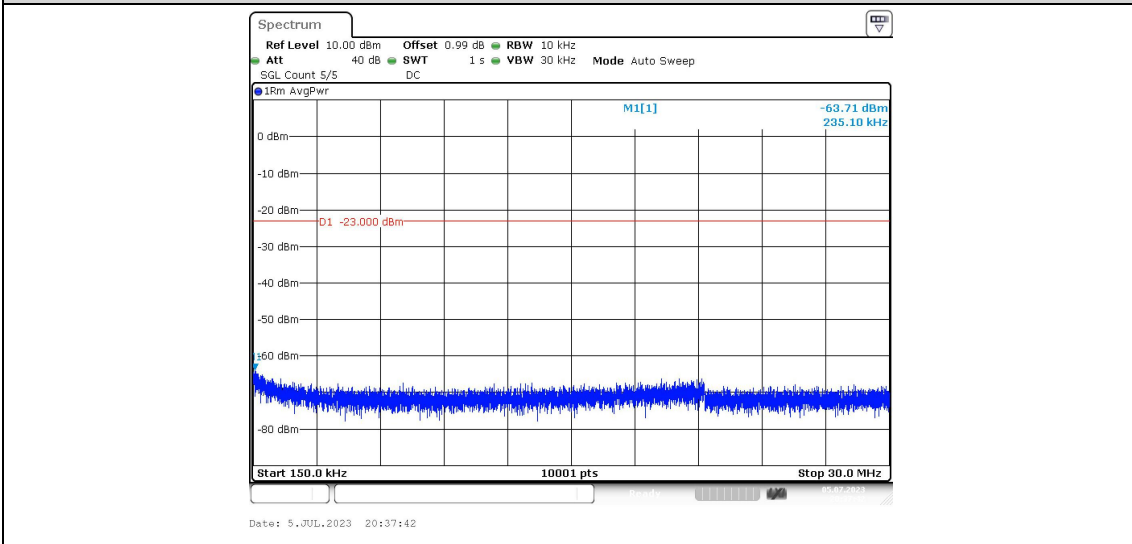
GPRS850-190-1000~10000MHz



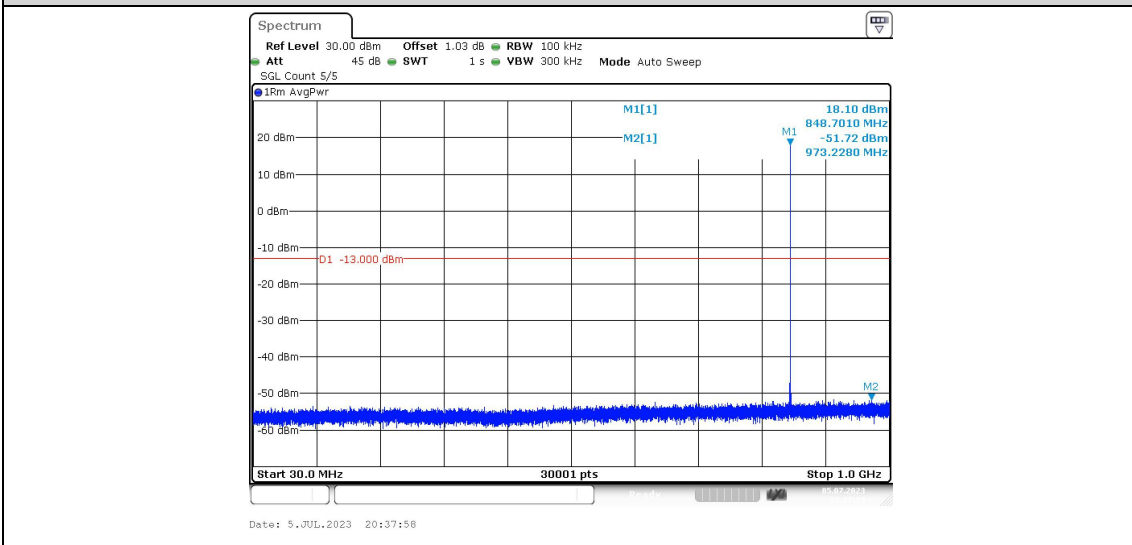
GPRS850-251-0.009~0.15MHz



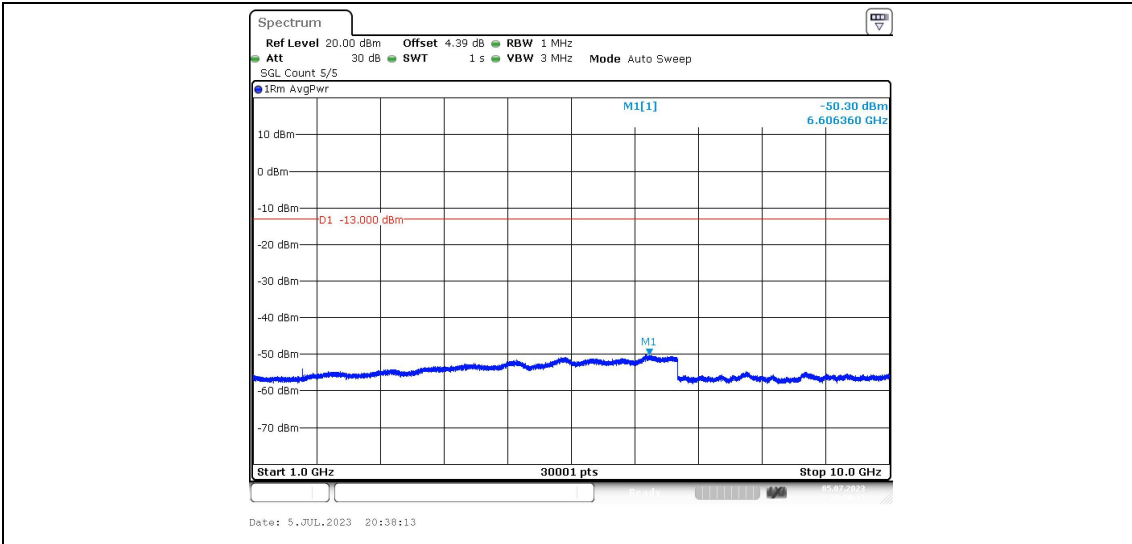
GPRS850-251-0.15~30MHz



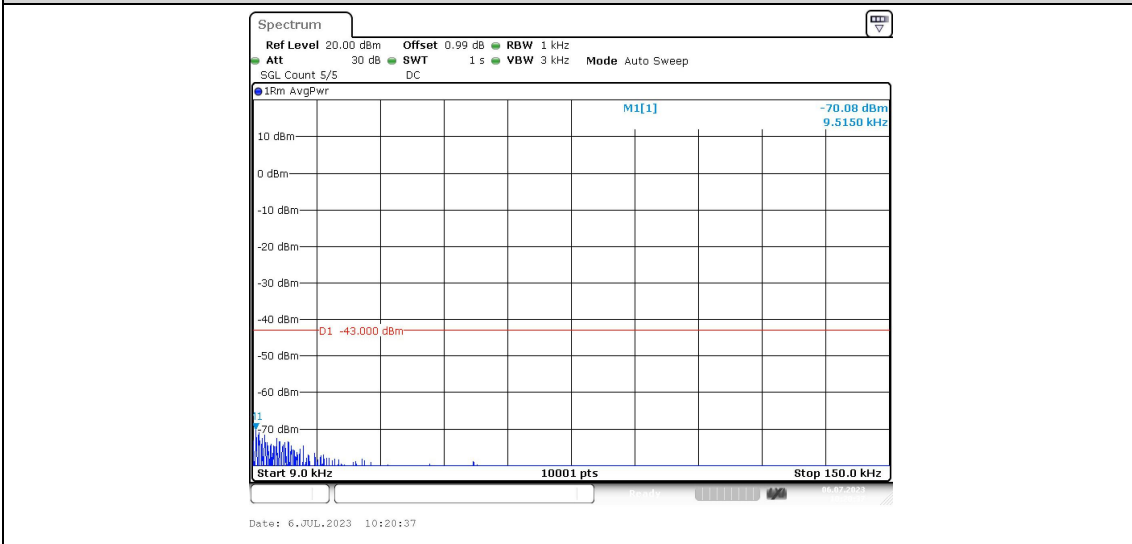
GPRS850-251-30~1000MHz



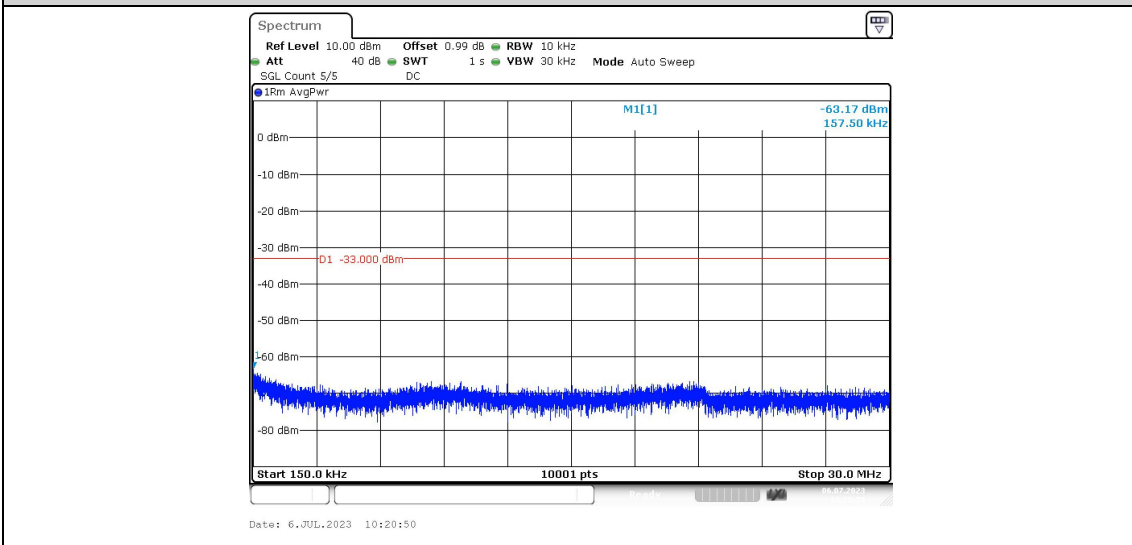
GPRS850-251-1000~10000MHz



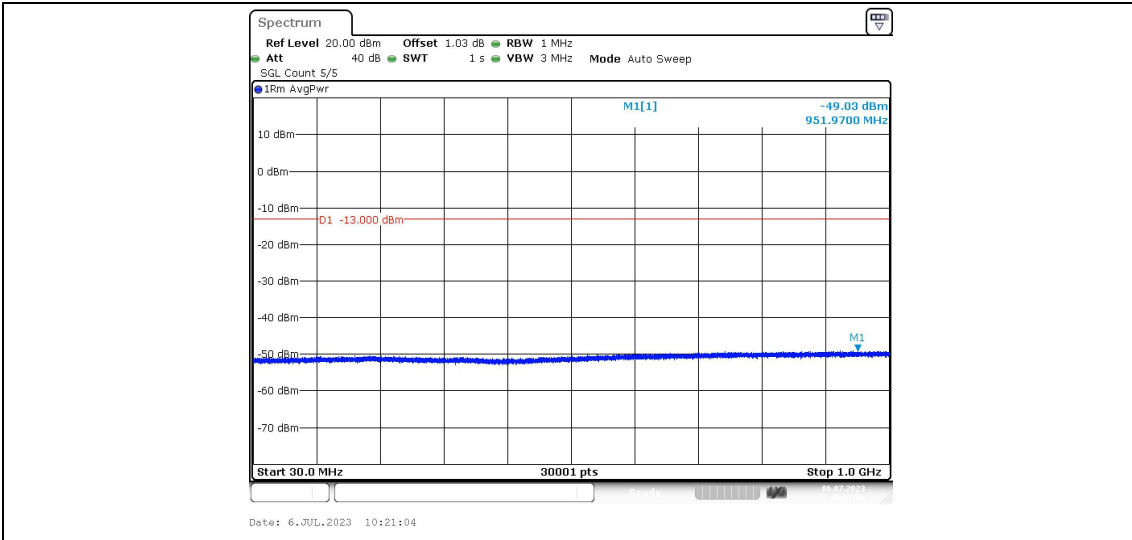
GPRS1900-512-0.009~0.15MHz



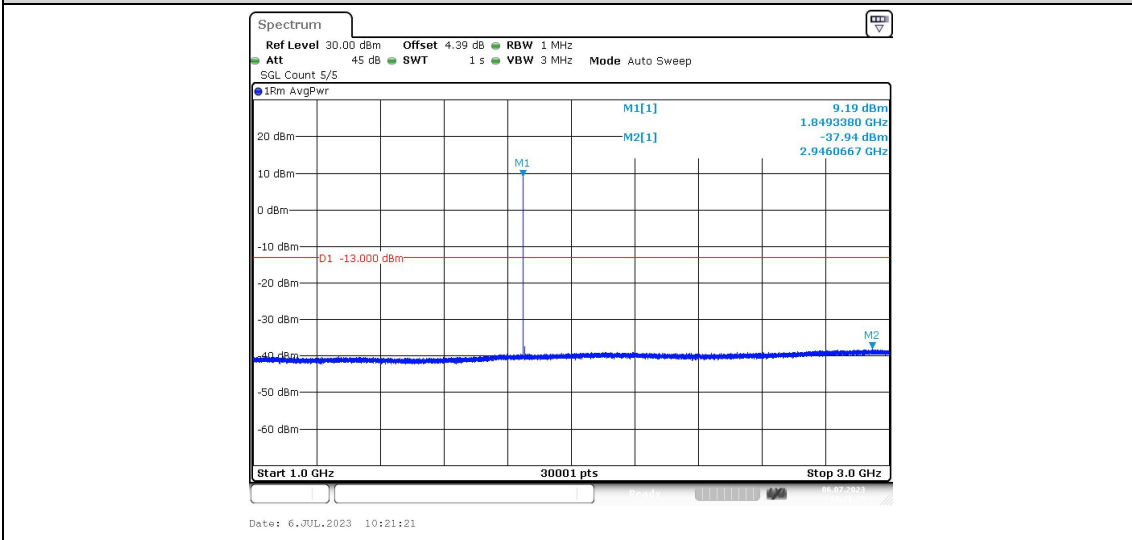
GPRS1900-512-0.15~30MHz



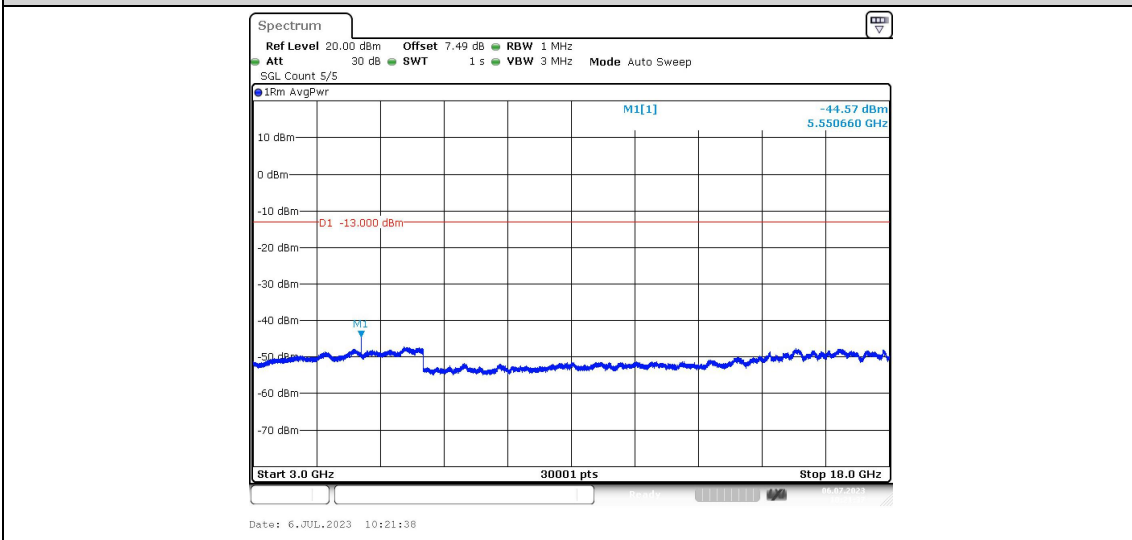
GPRS1900-512-30~1000MHz



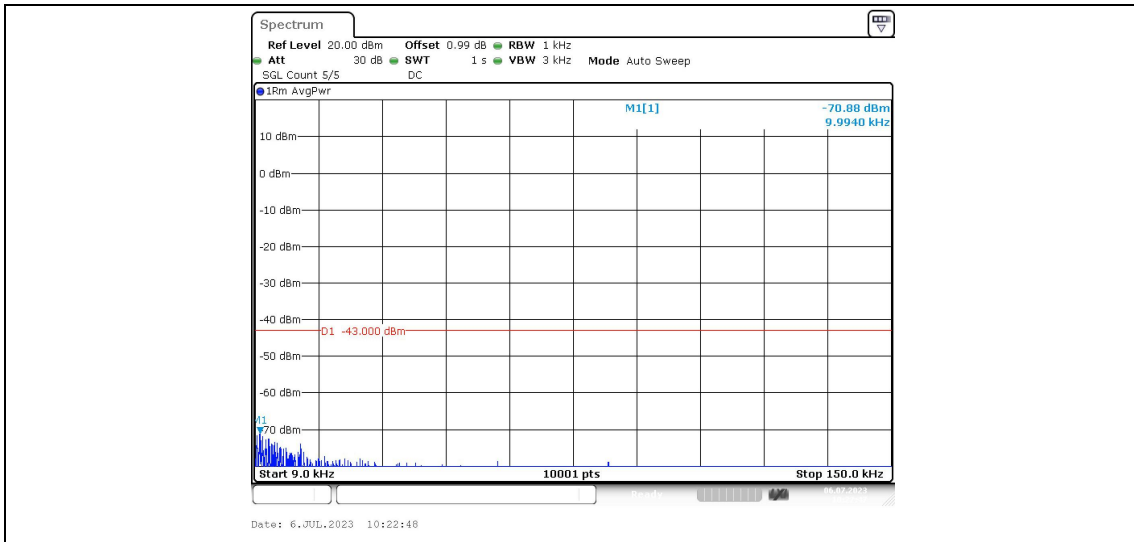
GPRS1900-512-1000~3000MHz



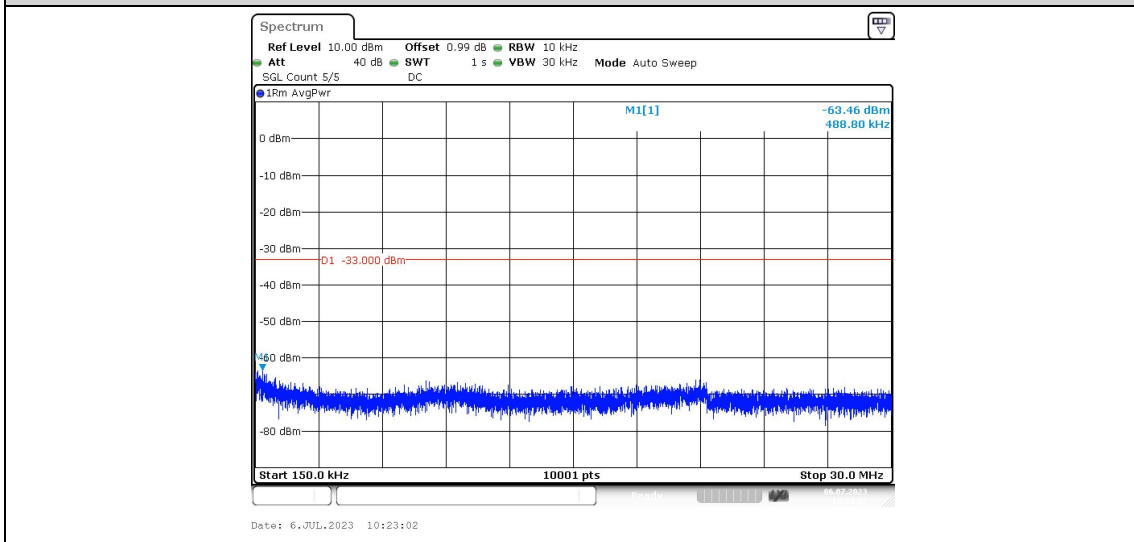
GPRS1900-512-3000~18000MHz



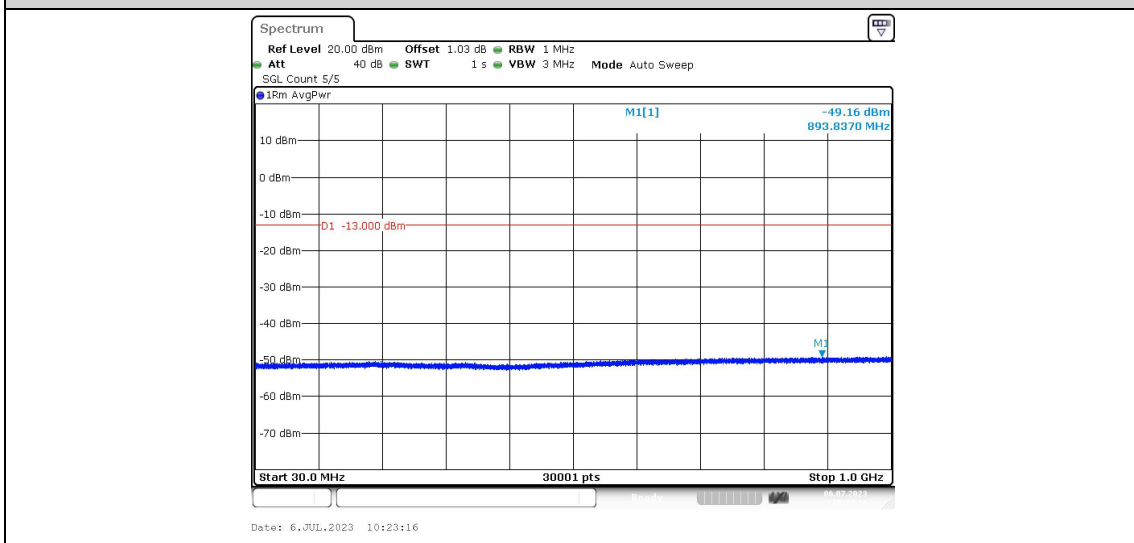
GPRS1900-661-0.009~0.15MHz



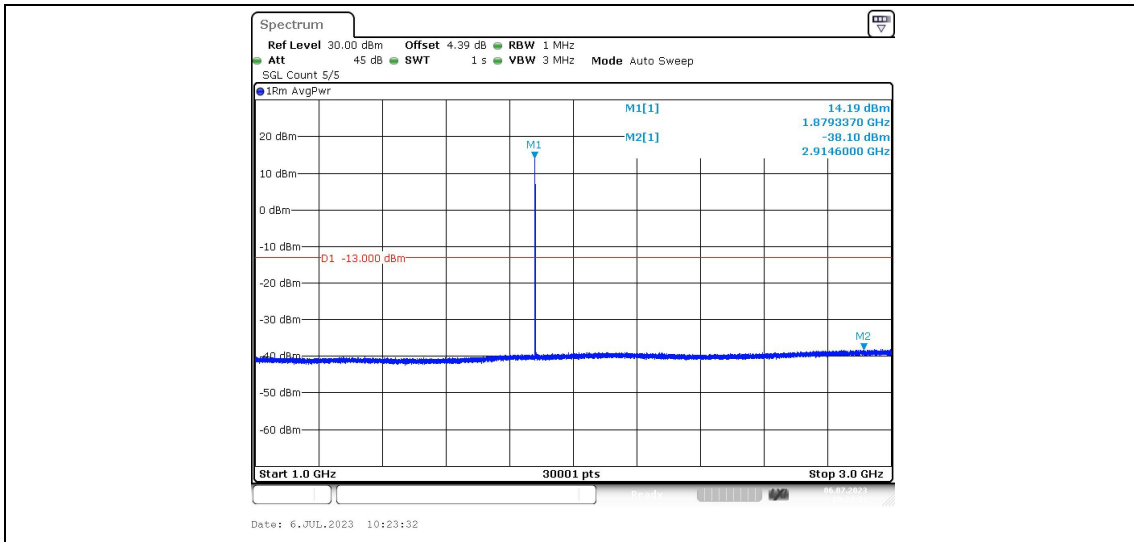
GPRS1900-661-0.15~30MHz



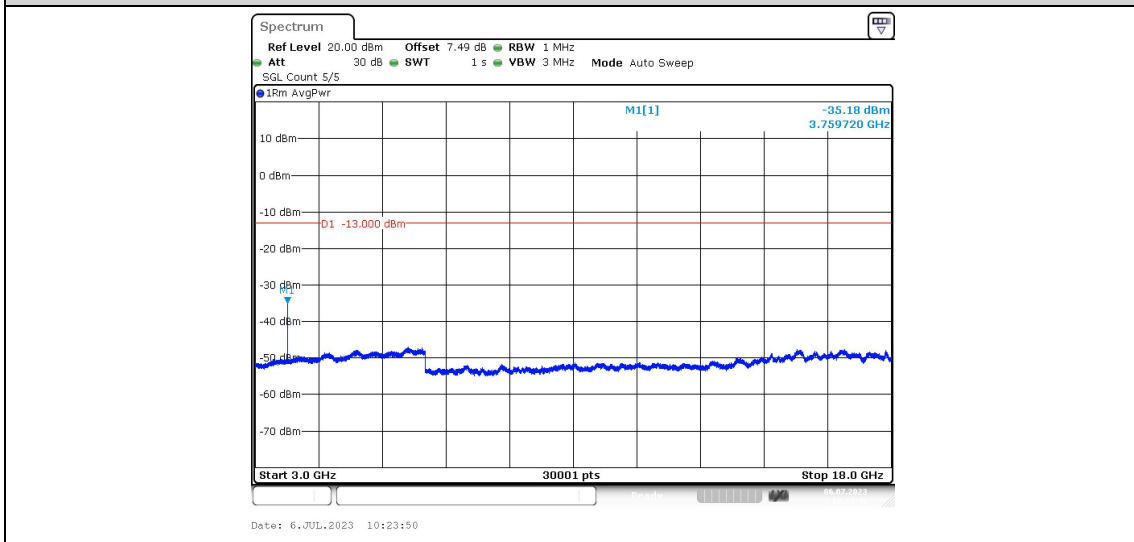
GPRS1900-661-30~1000MHz



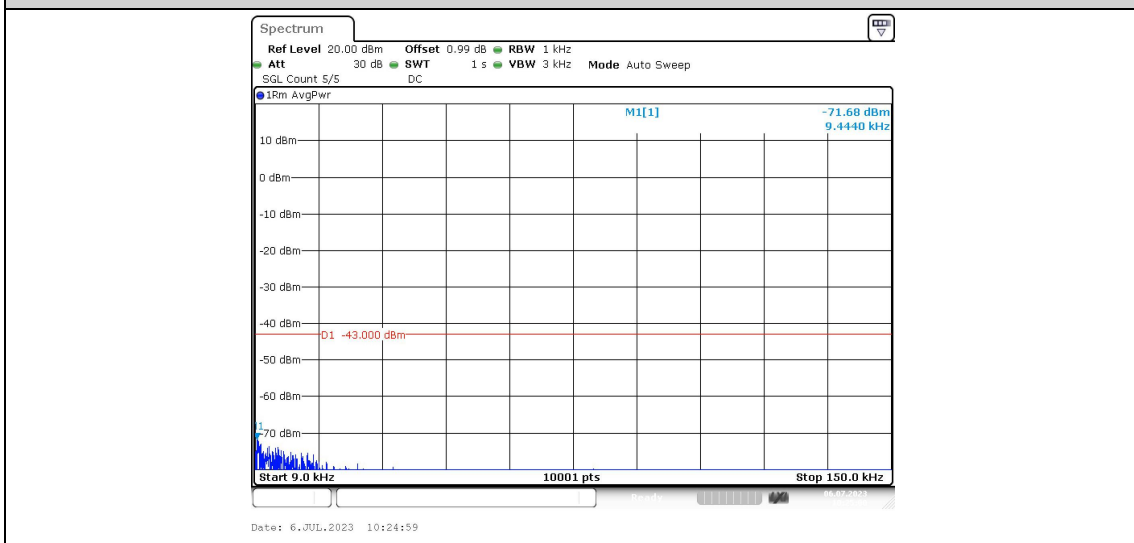
GPRS1900-661-1000~3000MHz



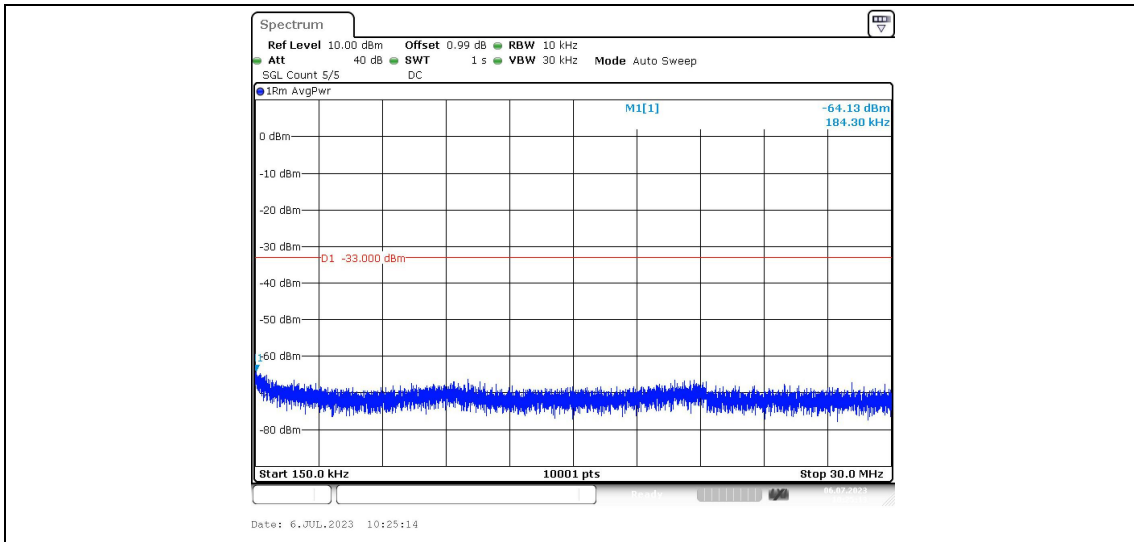
GPRS1900-661-3000~18000MHz



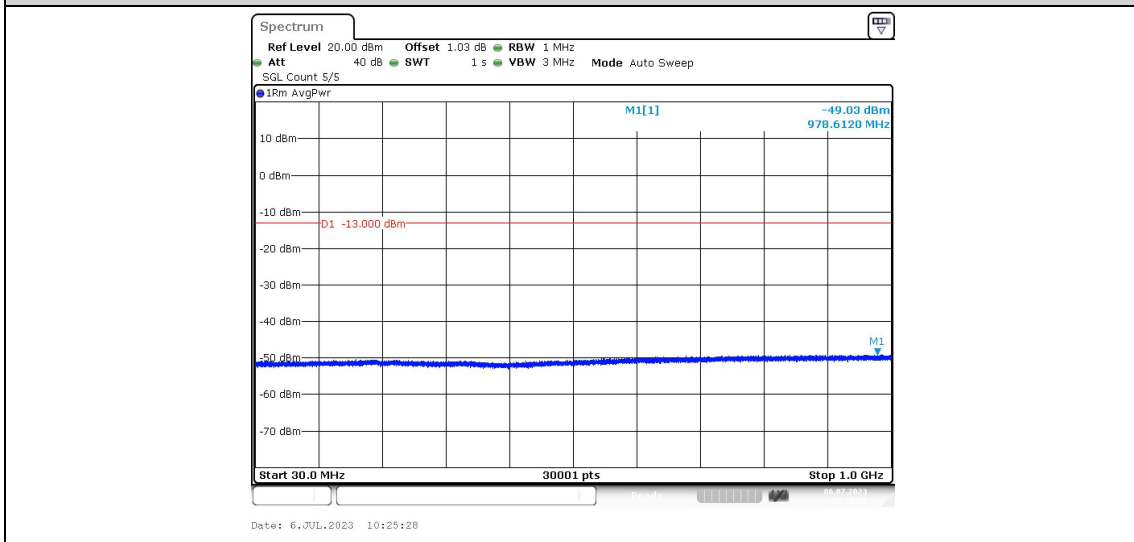
GPRS1900-810-0.009~0.15MHz



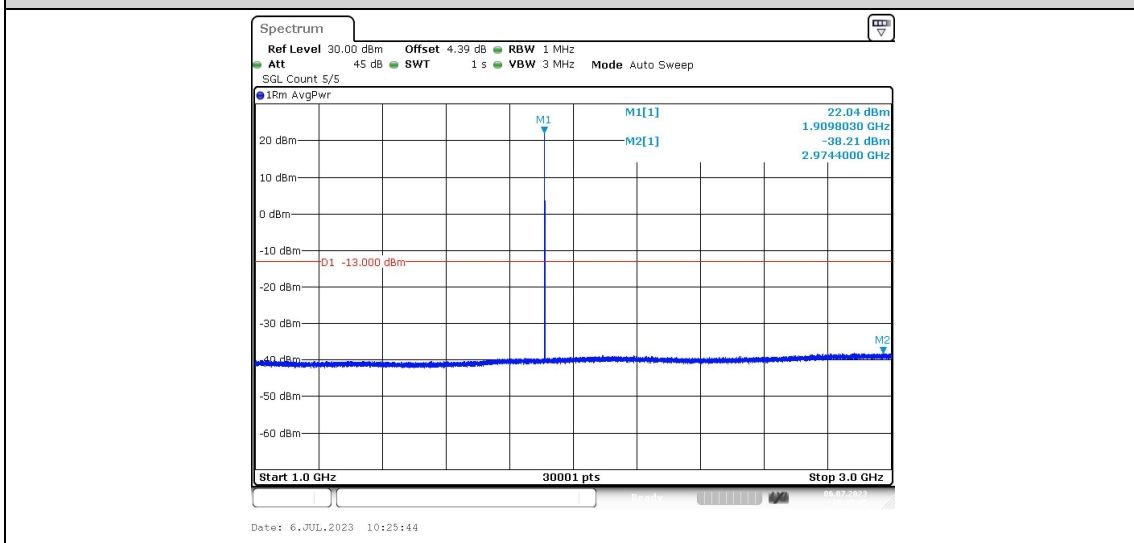
GPRS1900-810-0.15~30MHz



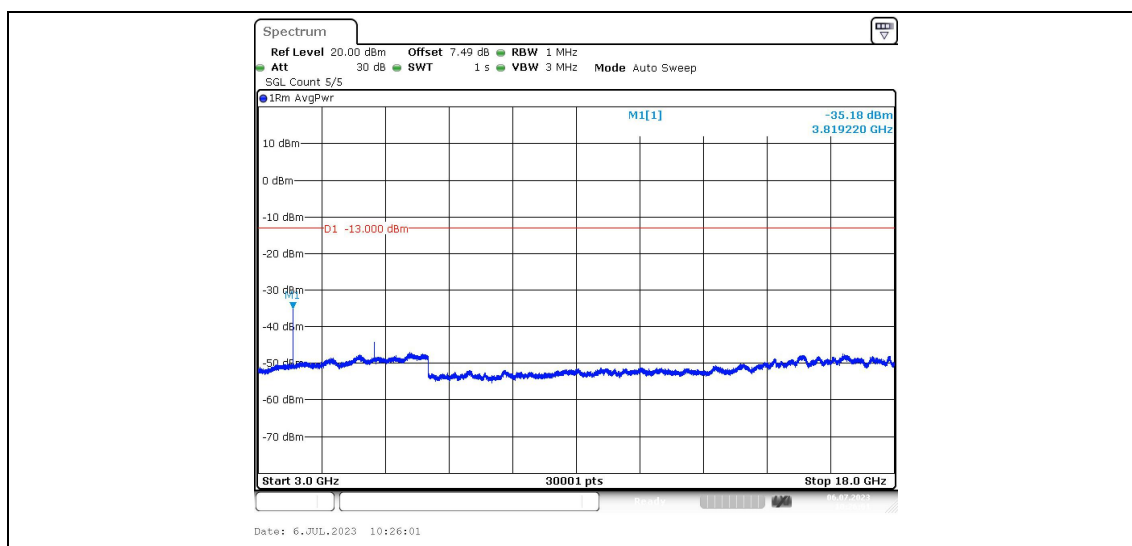
GPRS1900-810-30~1000MHz



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

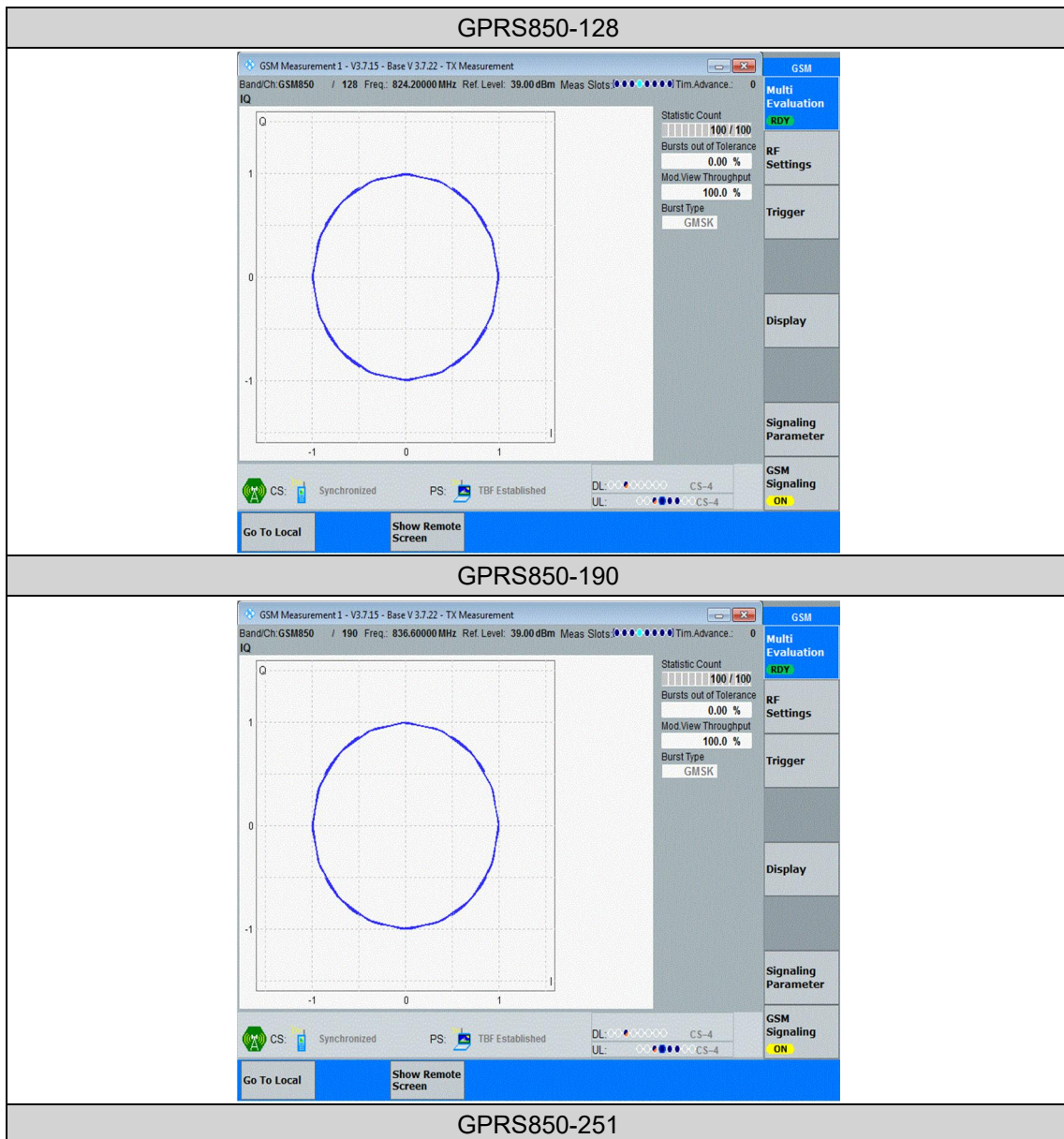
GPRS1900	661	NV	-20	-24.50	-0.013032	±2.5	PASS
GPRS1900	661	NV	-10	-51.66	-0.027479	±2.5	PASS
GPRS1900	661	NV	0	-39.78	-0.021160	±2.5	PASS
GPRS1900	661	NV	10	-44.30	-0.023564	±2.5	PASS
GPRS1900	661	NV	20	-33.09	-0.017601	±2.5	PASS
GPRS1900	661	NV	30	-29.32	-0.015596	±2.5	PASS
GPRS1900	661	NV	40	-34.42	-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

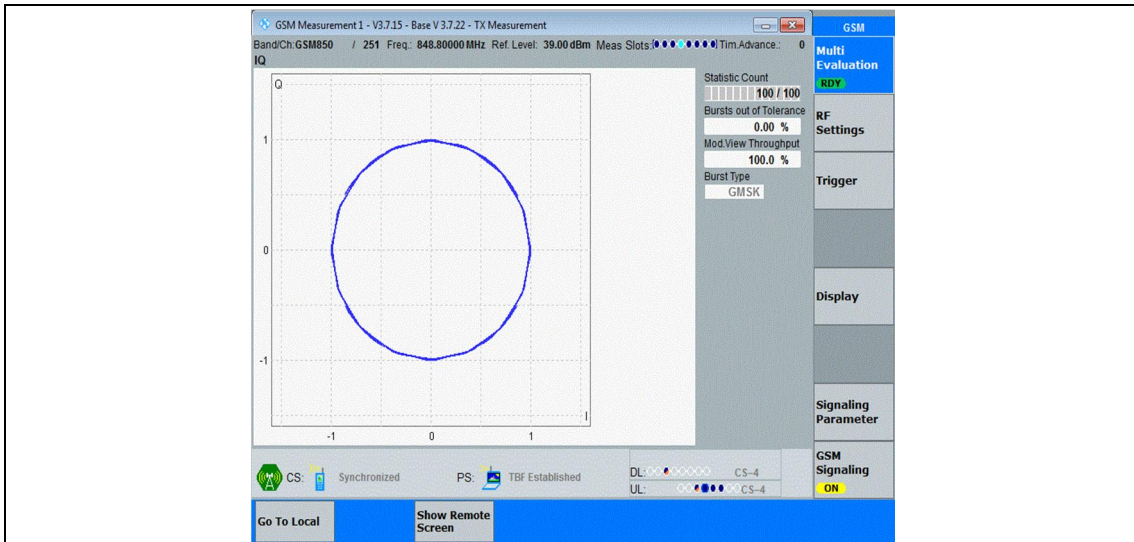
## Appendix G: Modulation Characteristics

### Test Result

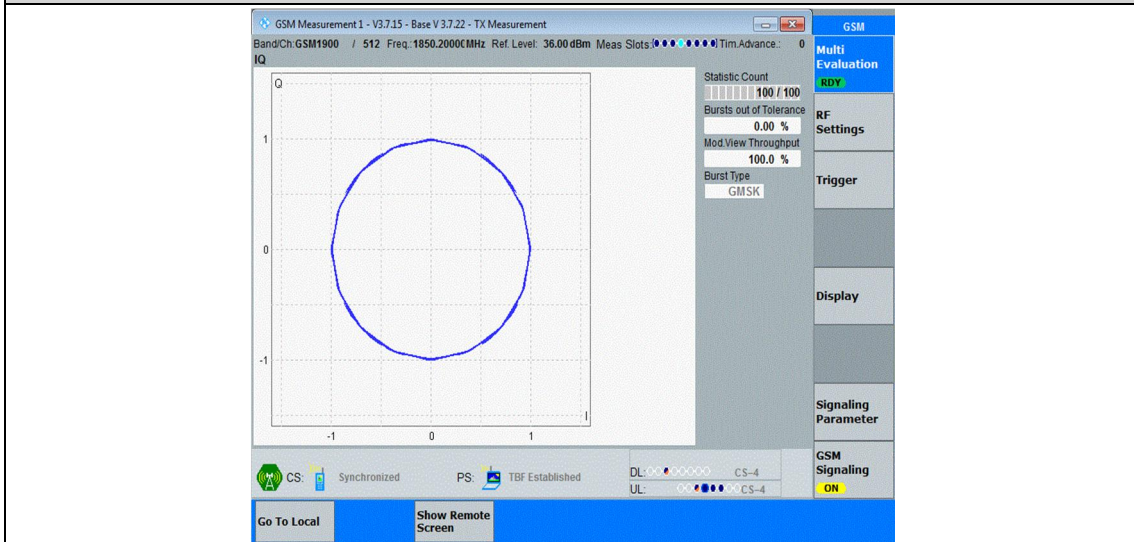
Band	Channel	Result	Verdict
GPRS850	128	PASS	PASS
GPRS850	190	PASS	PASS
GPRS850	251	PASS	PASS
GPRS1900	512	PASS	PASS
GPRS1900	661	PASS	PASS
GPRS1900	810	PASS	PASS

### Test Graphs

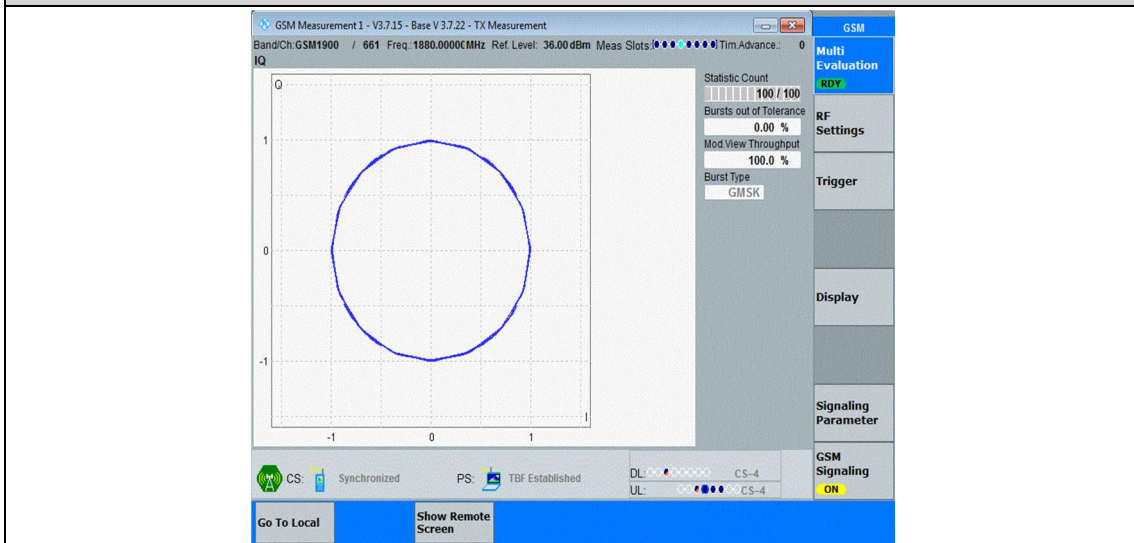




GPRS1900-512



GPRS1900-661



GPRS1900-810

