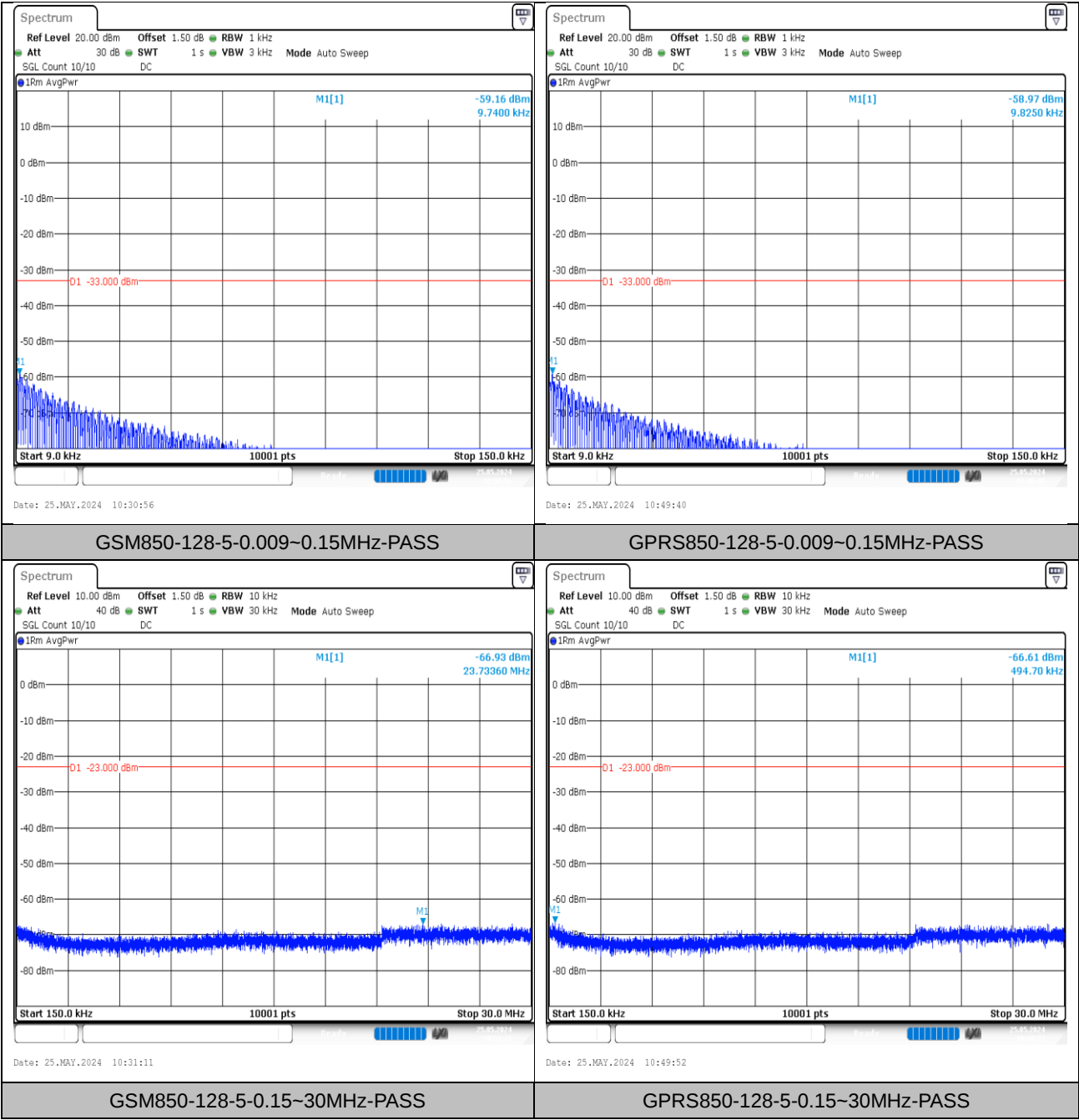
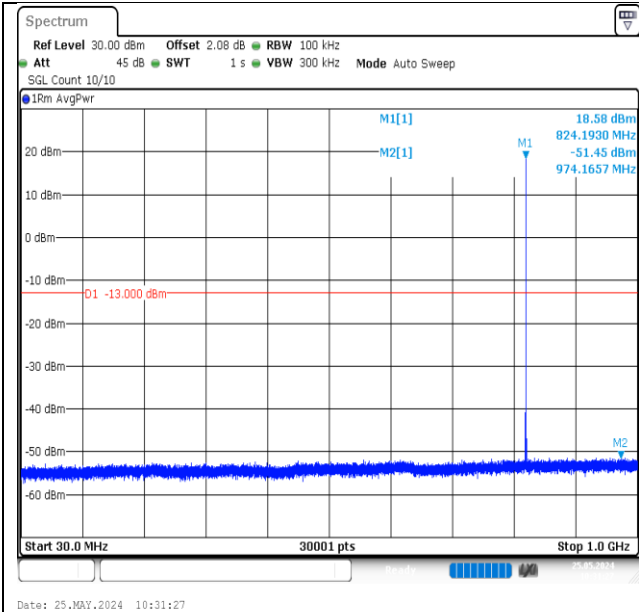
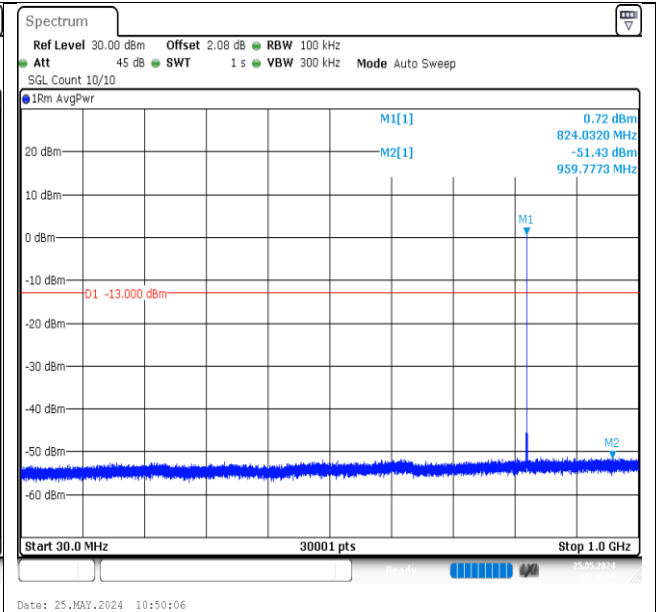


Test Graphs

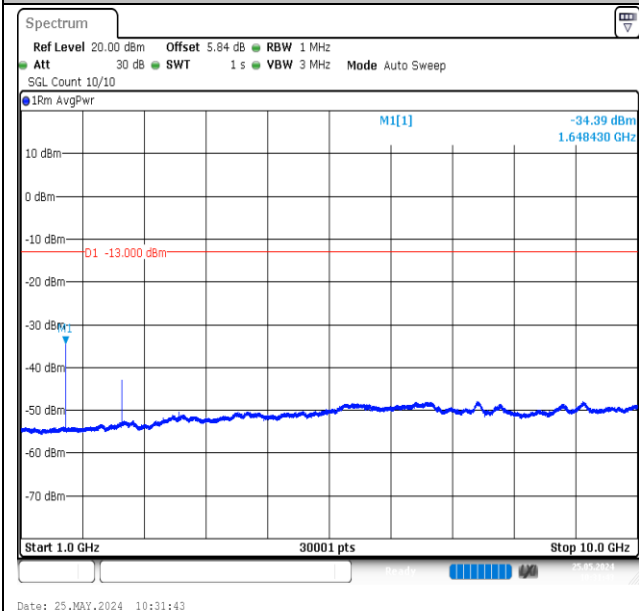




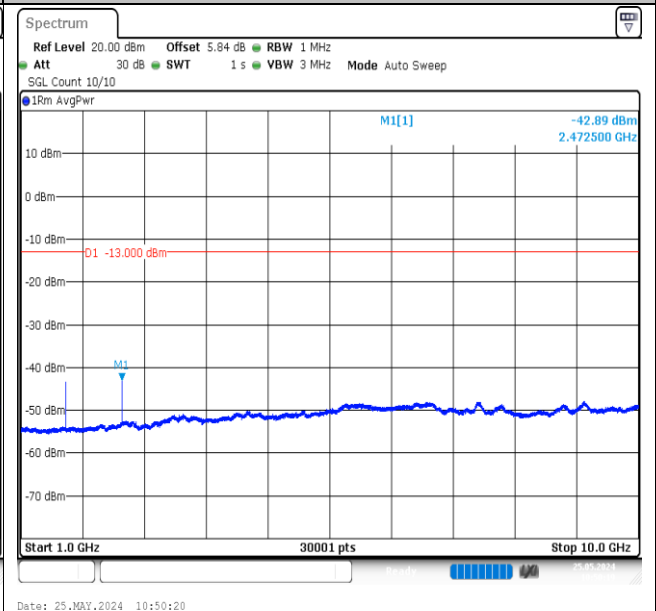
GSM850-128-5-30~1000MHz-PASS



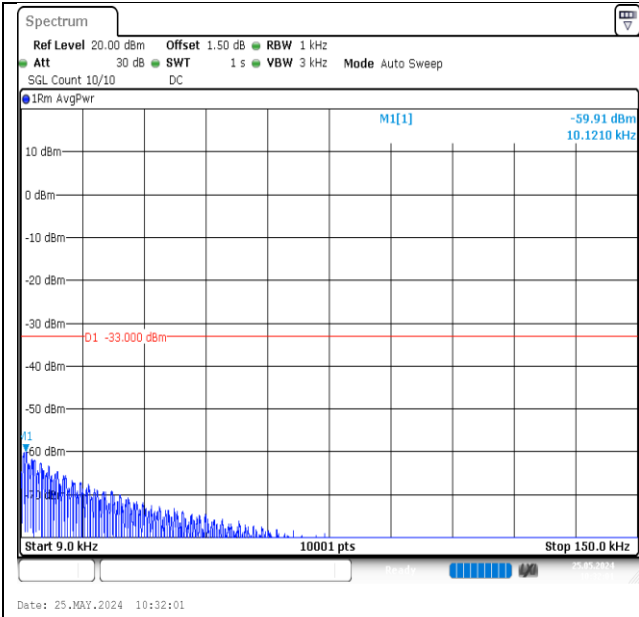
GPRS850-128-5-30~1000MHz-PASS



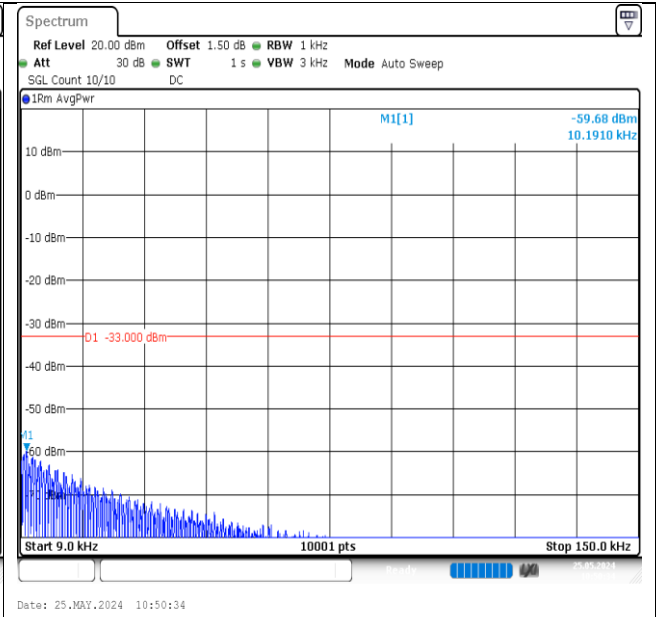
GSM850-128-5-1000~10000MHz-PASS



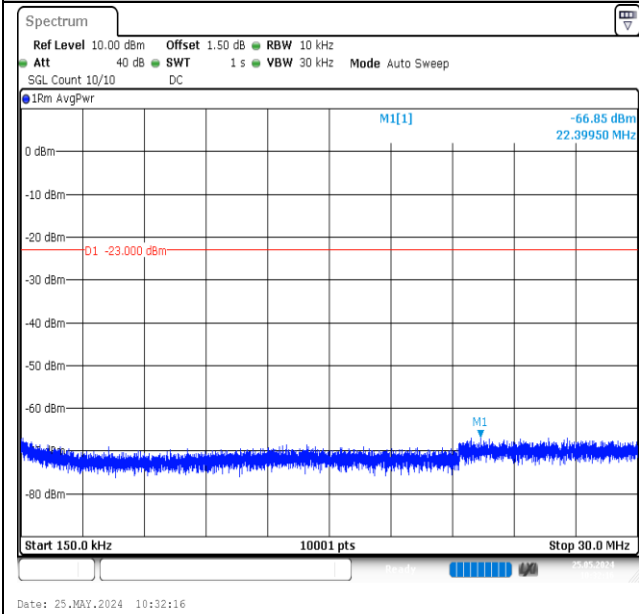
GPRS850-128-5-1000~10000MHz-PASS



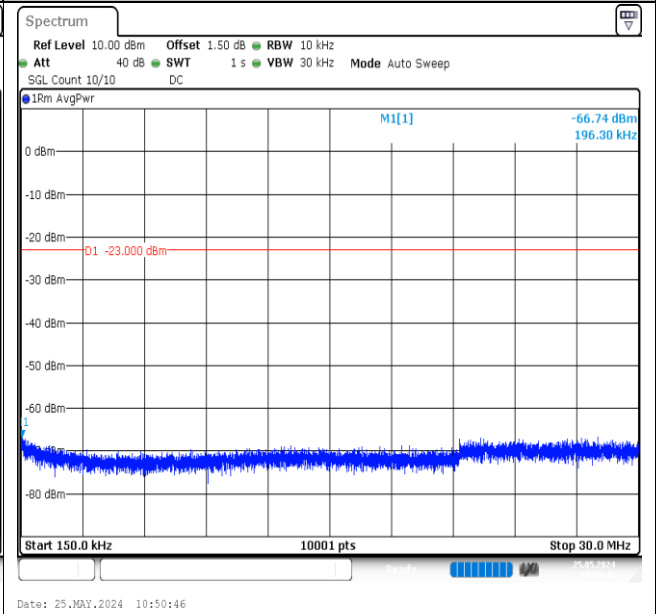
GSM850-190-5-0.009~0.15MHz-PASS



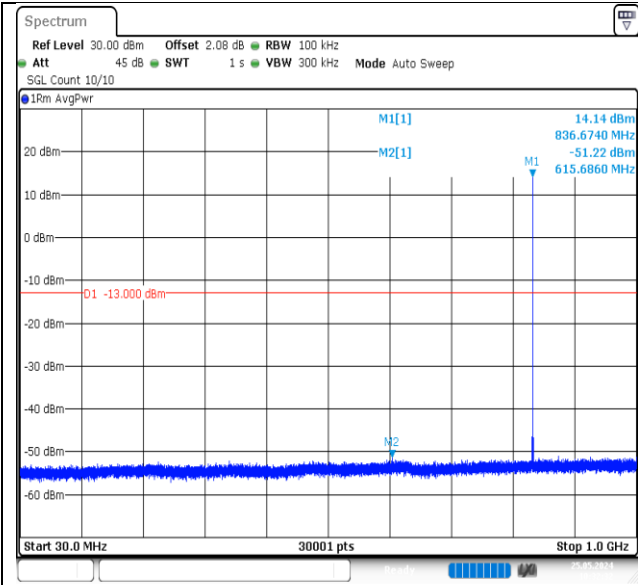
GPRS850-190-5-0.009~0.15MHz-PASS



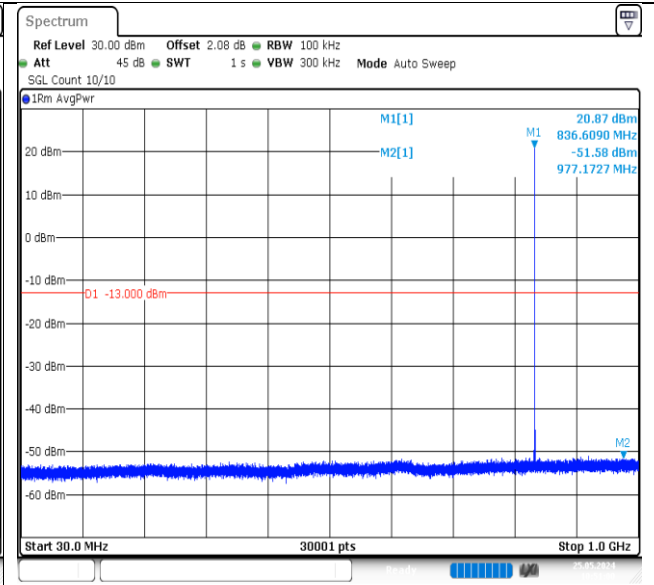
GSM850-190-5-0.15~30MHz-PASS



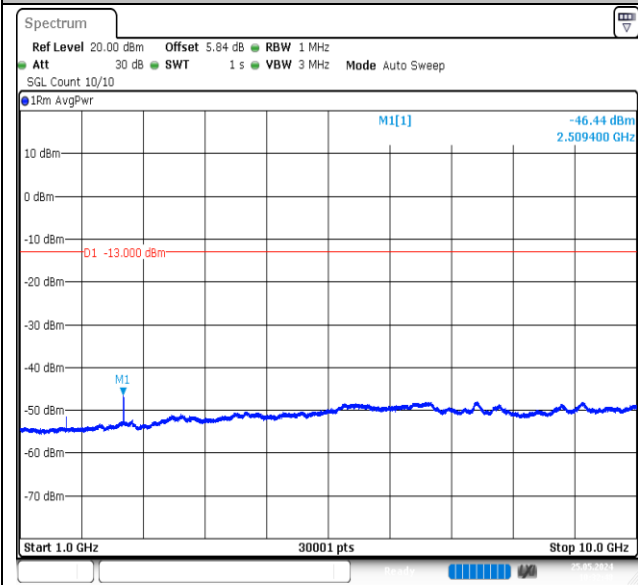
GPRS850-190-5-0.15~30MHz-PASS



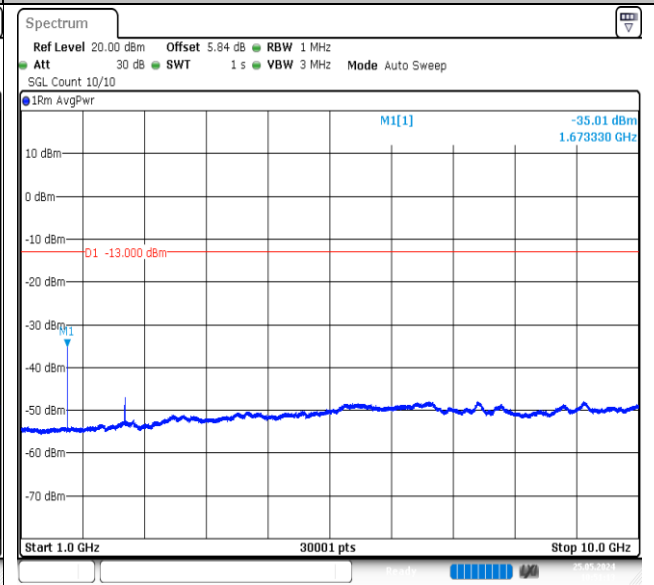
GSM850-190-5-30~1000MHz-PASS



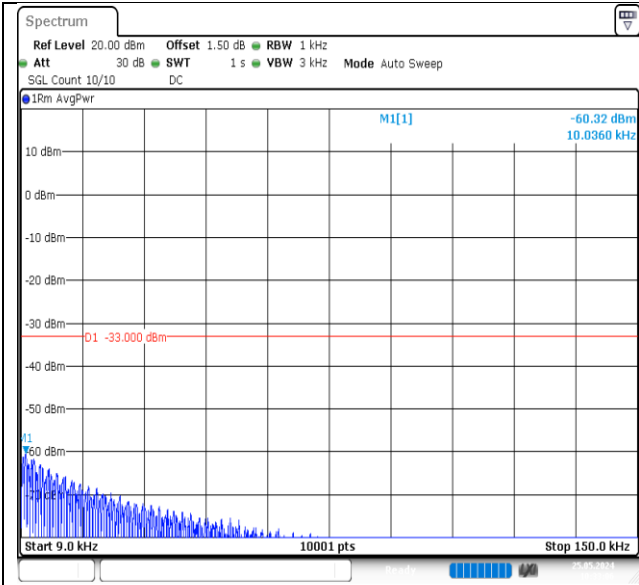
GPRS850-190-5-30~1000MHz-PASS



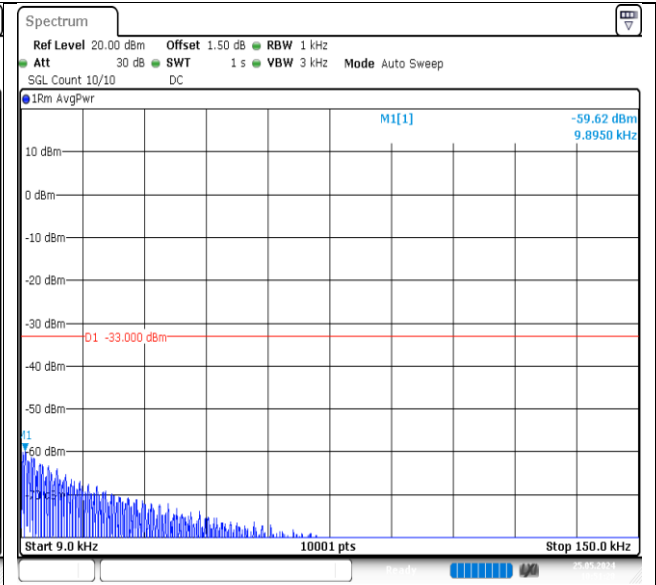
GSM850-190-5-1000~10000MHz-PASS



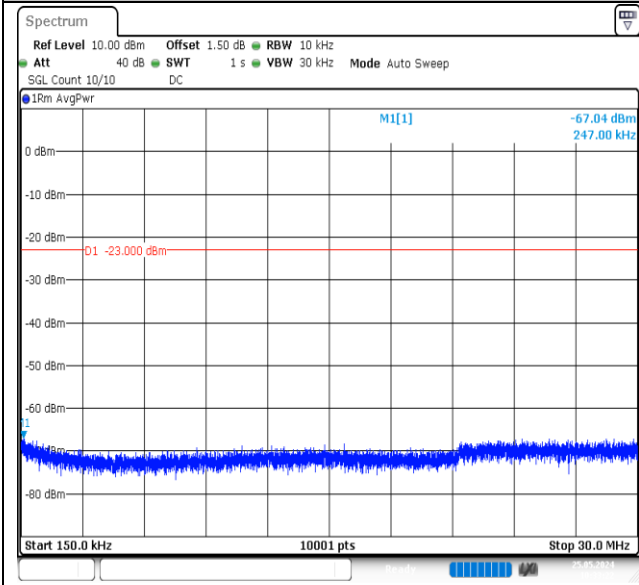
GPRS850-190-5-1000~10000MHz-PASS



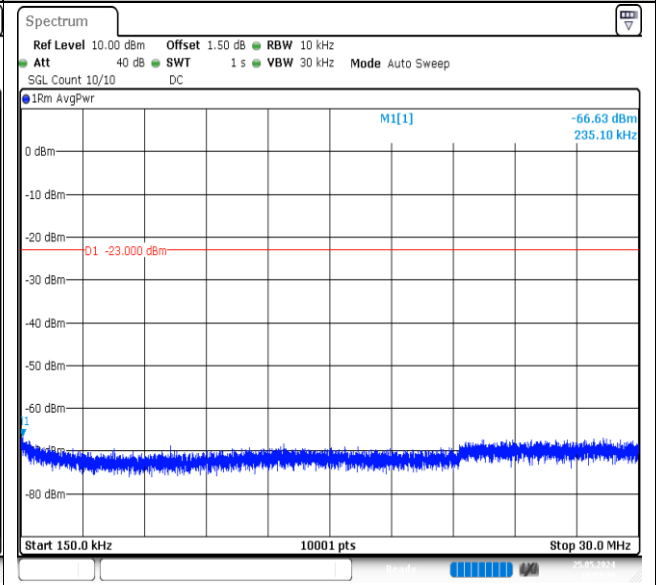
GSM850-251-5-0.009~0.15MHz-PASS



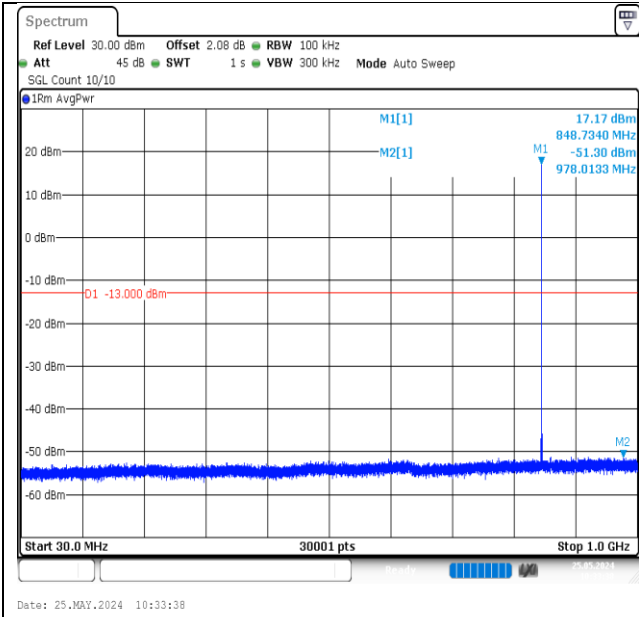
GPRS850-251-5-0.009~0.15MHz-PASS



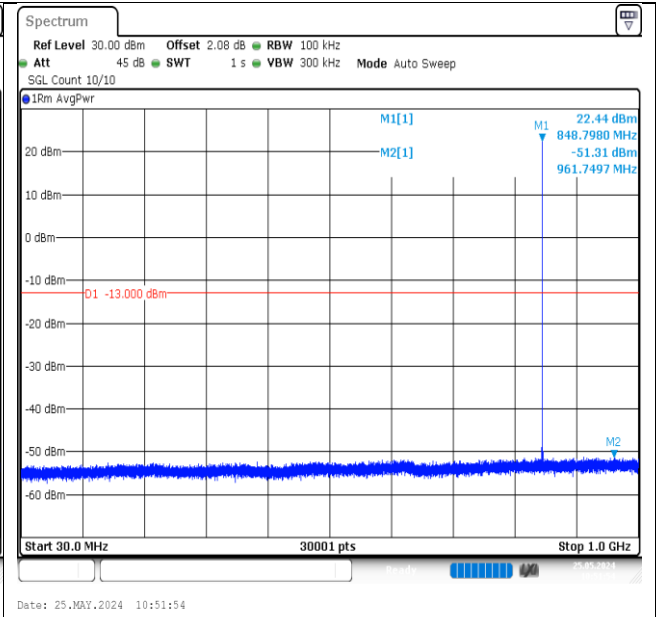
GSM850-251-5-0.15~30MHz-PASS



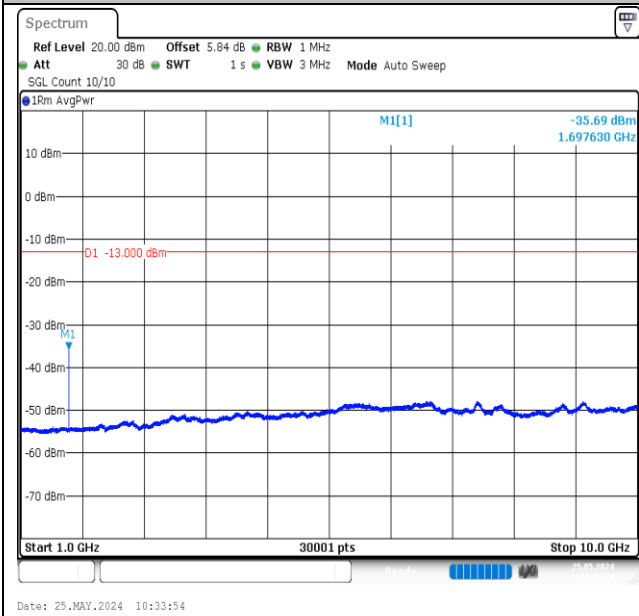
GPRS850-251-5-0.15~30MHz-PASS



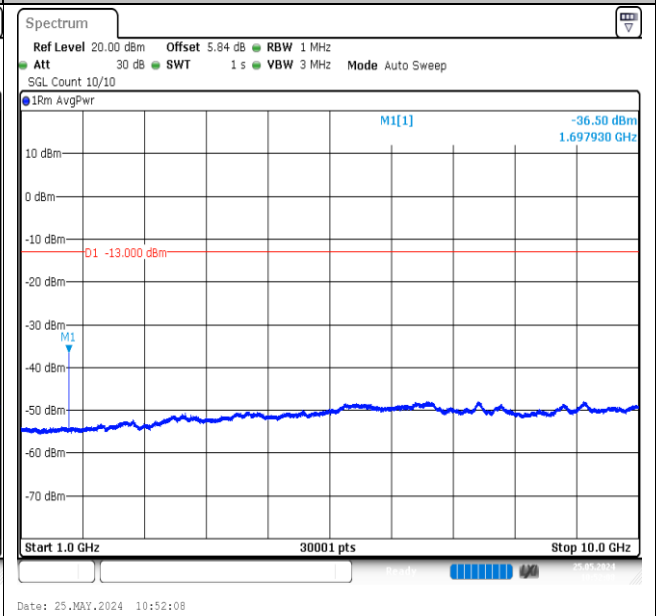
GSM850-251-5-30~1000MHz-PASS



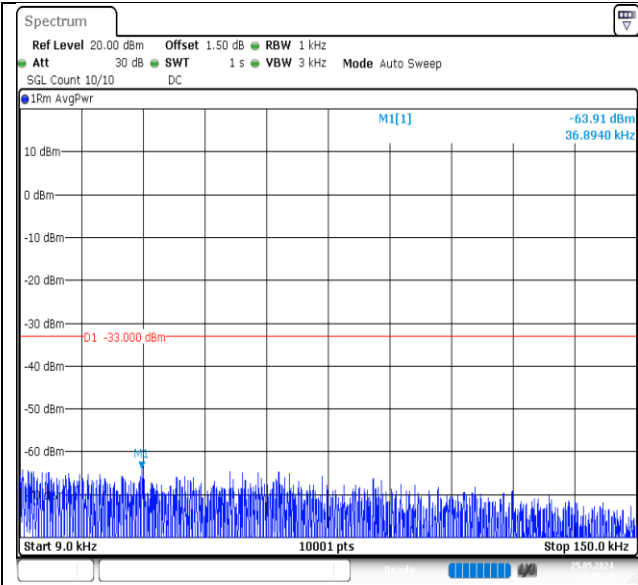
GPRS850-251-5-30~1000MHz-PASS



GSM850-251-5-1000~10000MHz-PASS

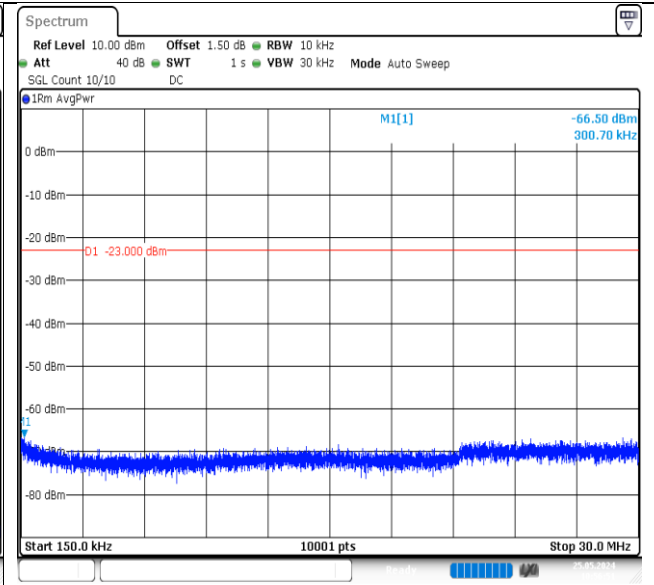


GPRS850-251-5-1000~10000MHz-PASS



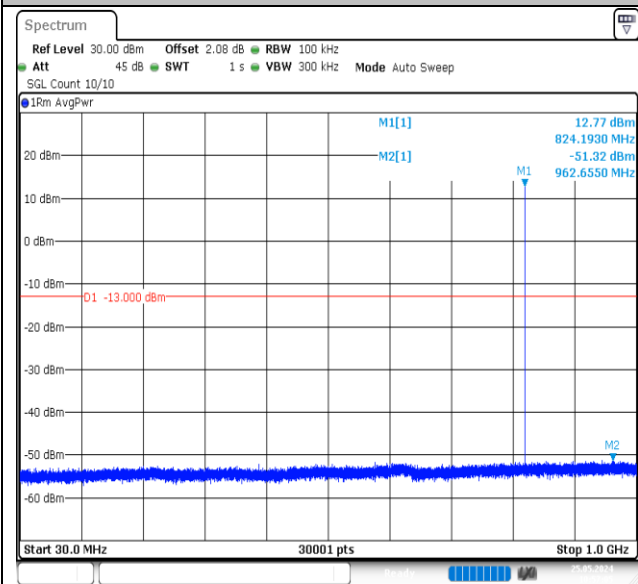
Date: 25.MAY.2024 10:56:39

EGPRS850-128-8-0.009~0.15MHz-PASS



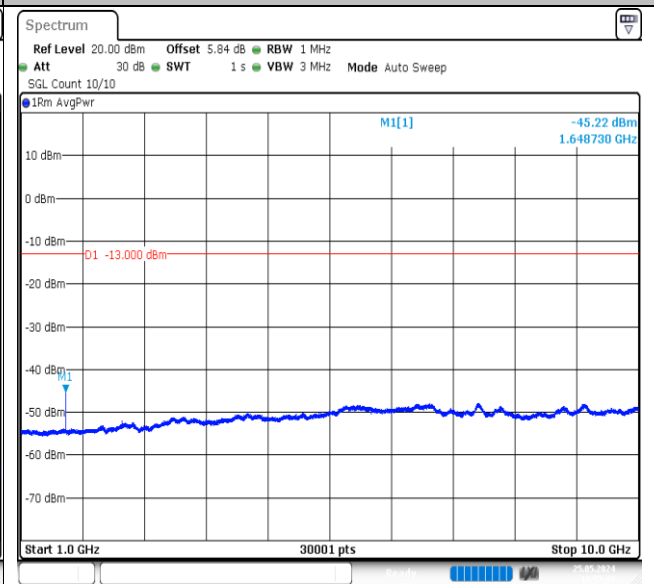
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EGPRS850-128-8-0.15~30MHz-PASS



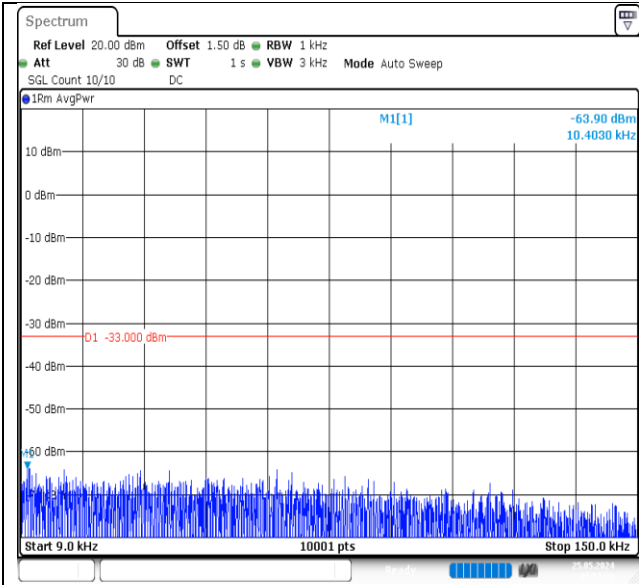
Date: 25.MAY.2024 10:57:05

EGPRS850-128-8-30~1000MHz-PASS

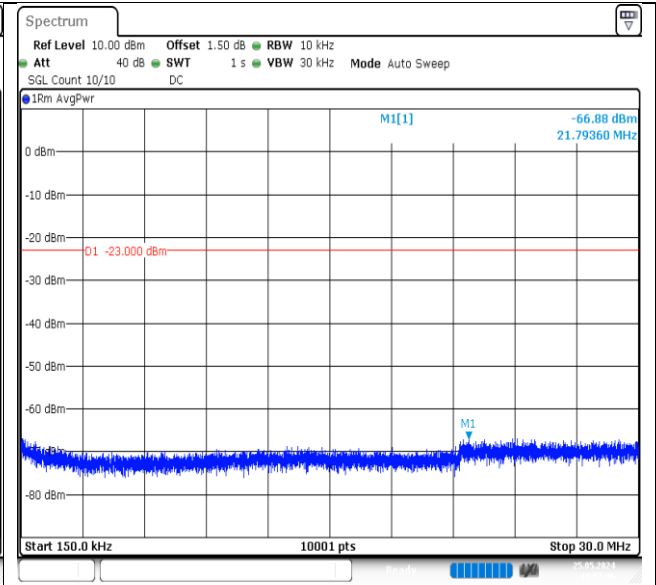


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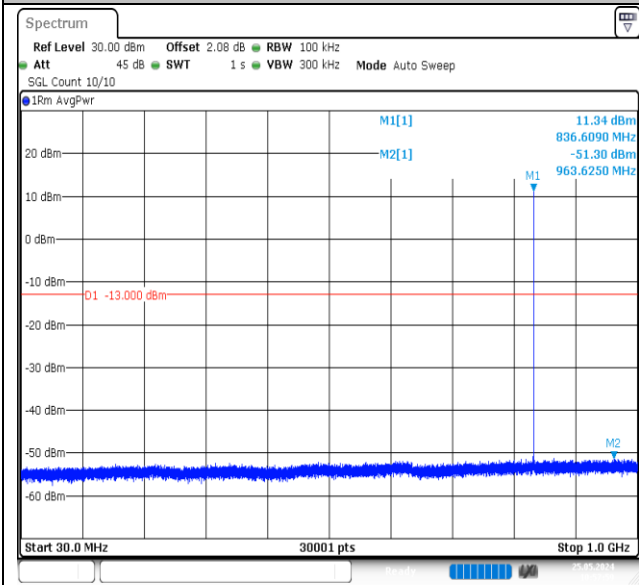
EGPRS850-128-8-1000~10000MHz-PASS



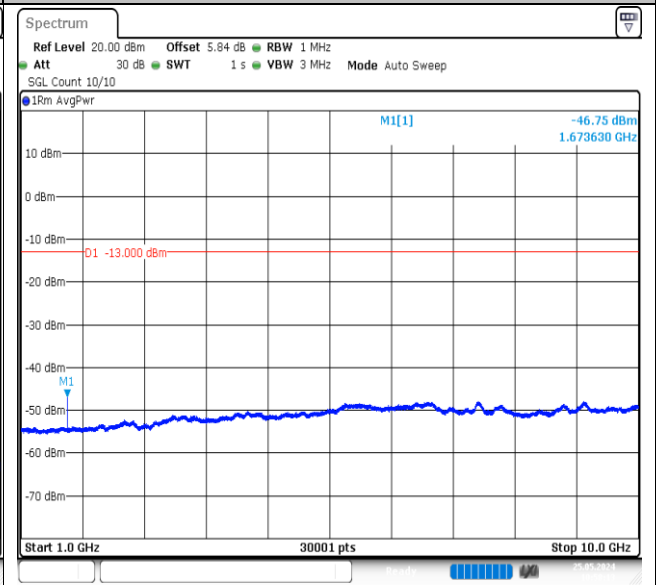
EGPRS850-190-8-0.009~0.15MHz-PASS



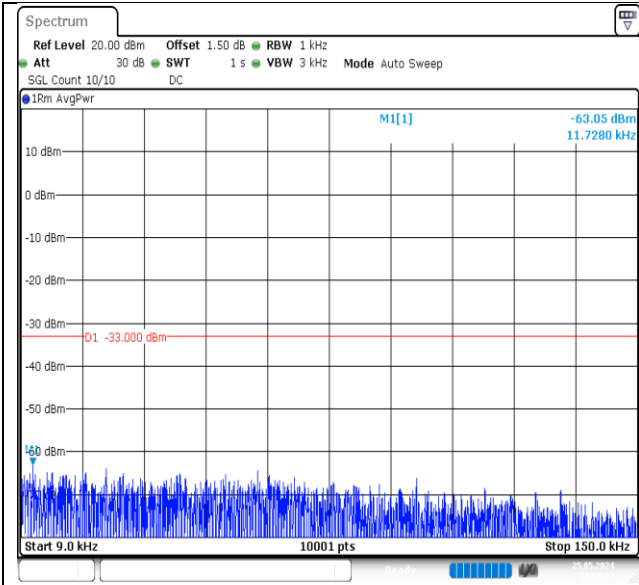
EGPRS850-190-8-0.15~30MHz-PASS



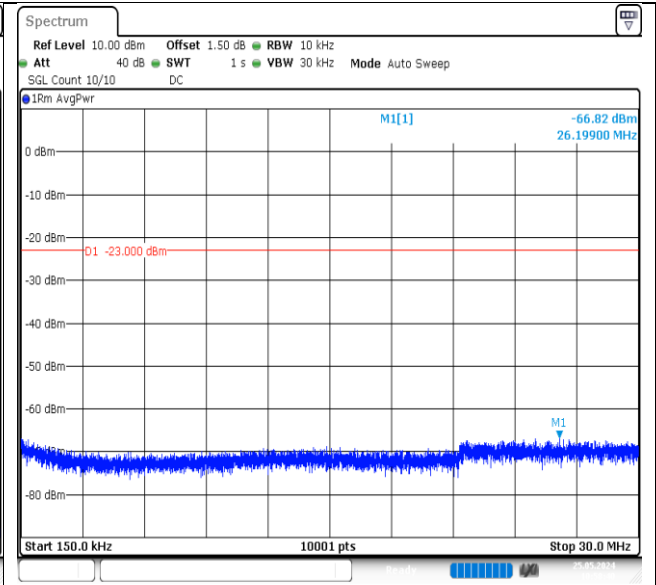
EGPRS850-190-8-30~1000MHz-PASS



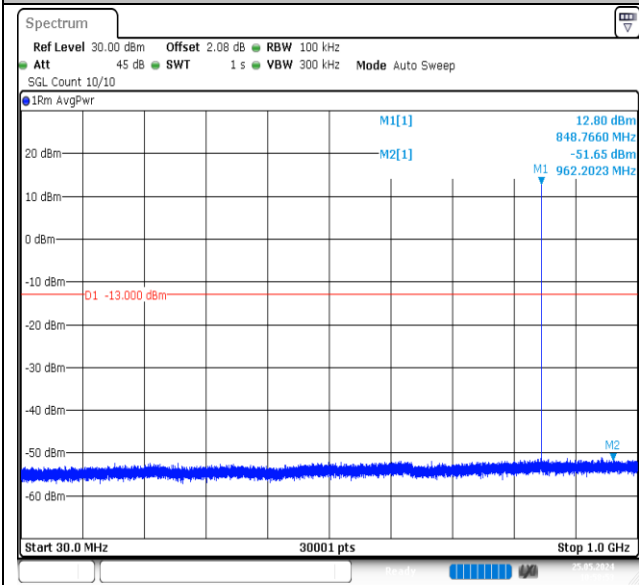
EGPRS850-190-8-1000~10000MHz-PASS



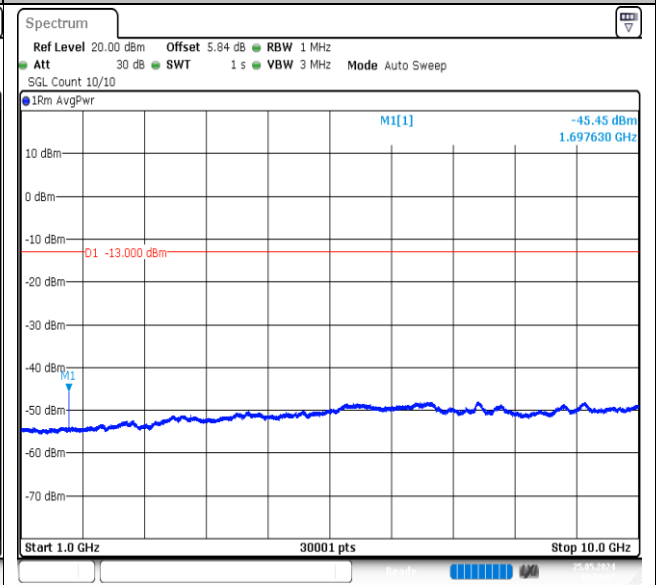
EGPRS850-251-8-0.009~0.15MHz-PASS



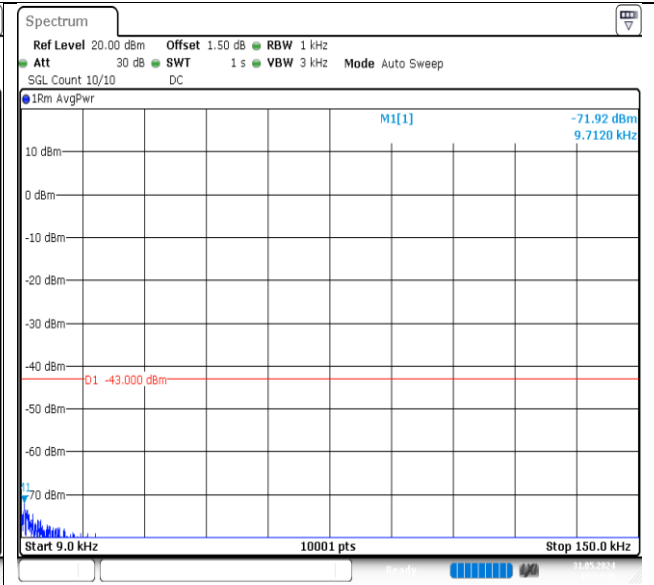
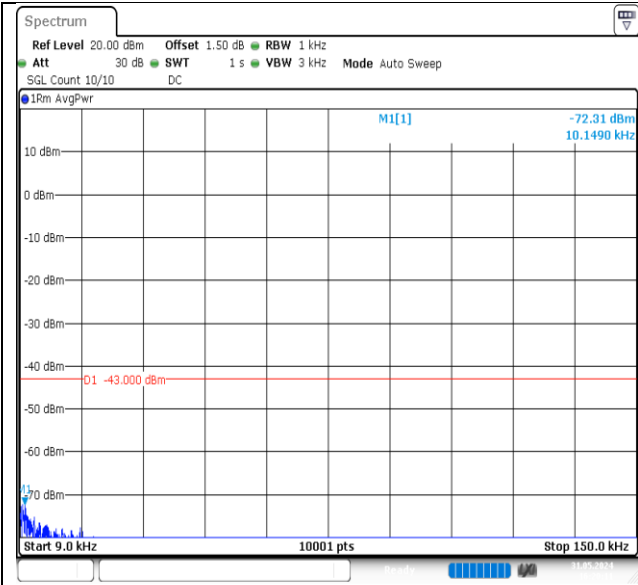
EGPRS850-251-8-0.15~30MHz-PASS



EGPRS850-251-8-30~1000MHz-PASS

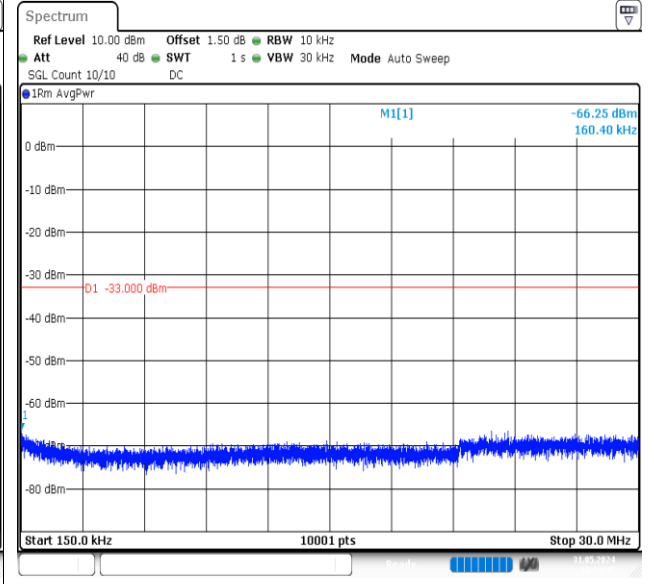
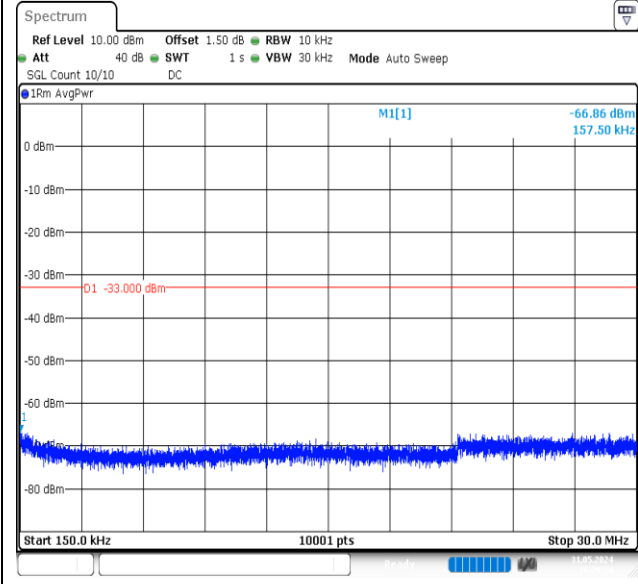


EGPRS850-251-8-1000~10000MHz-PASS



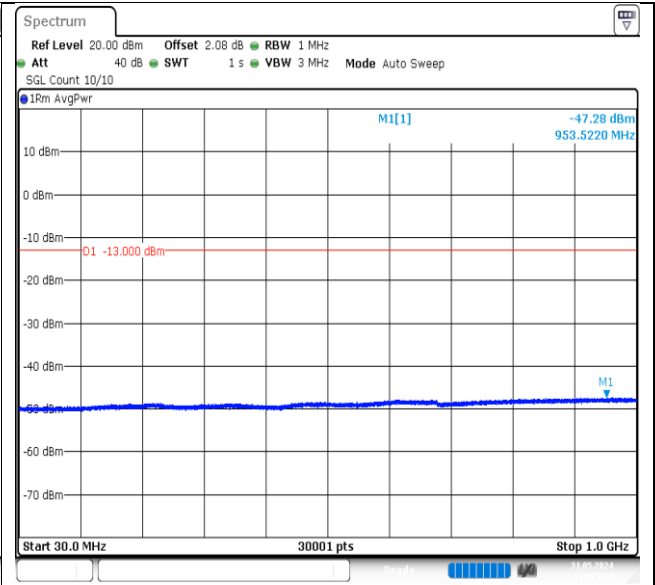
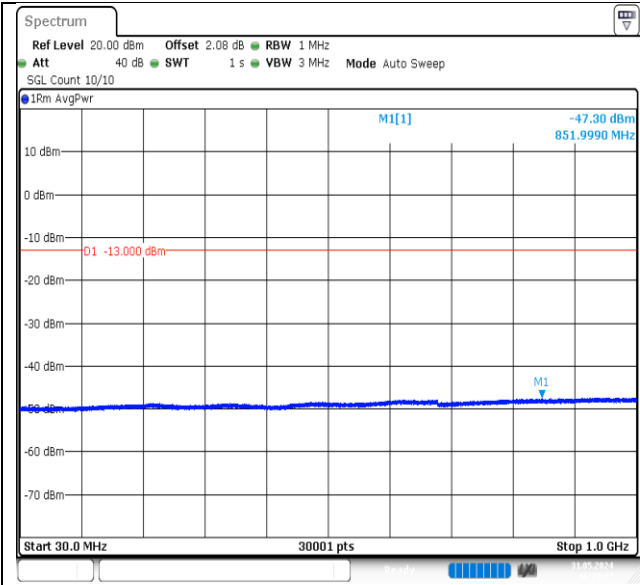
GPRS1900-512-0-0.009~0.15MHz-PASS

GSM1900-512-0-0.009~0.15MHz-PASS



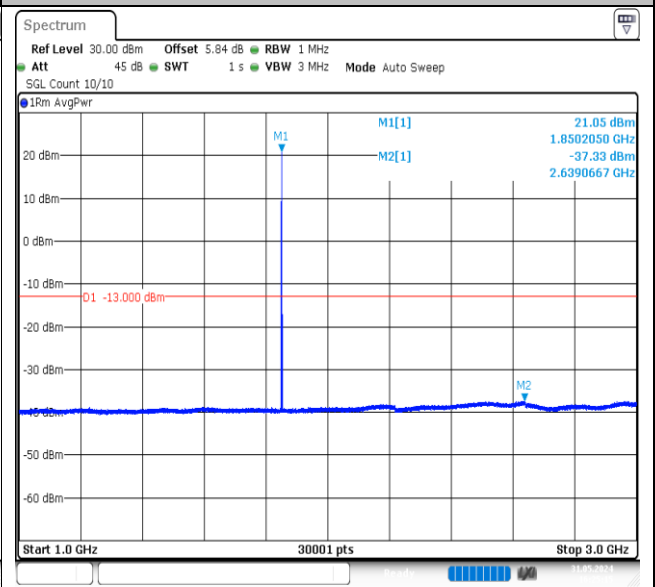
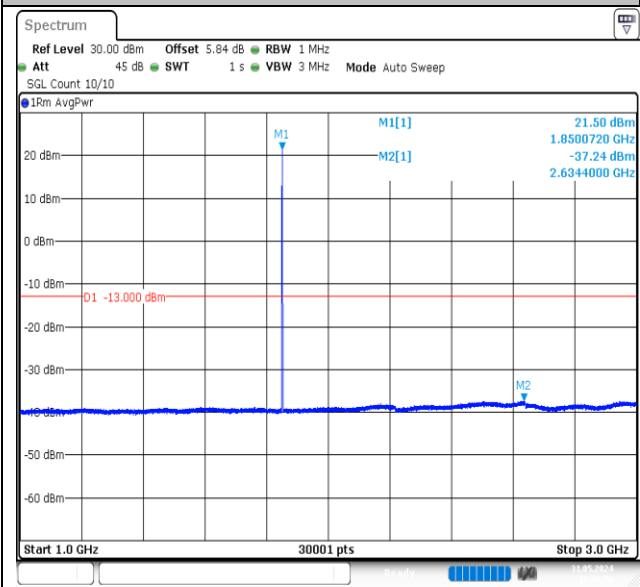
GPRS1900-512-0-0.15~30MHz-PASS

GSM1900-512-0-0.15~30MHz-PASS



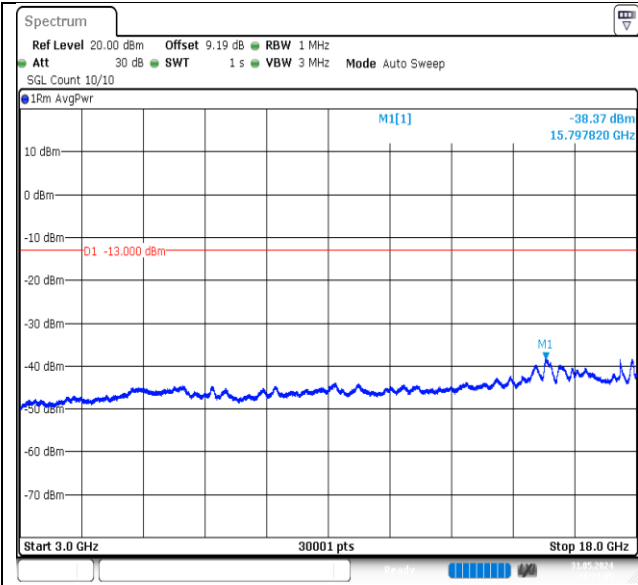
GPRS1900-512-0-30~1000MHz-PASS

GSM1900-512-0-30~1000MHz-PASS

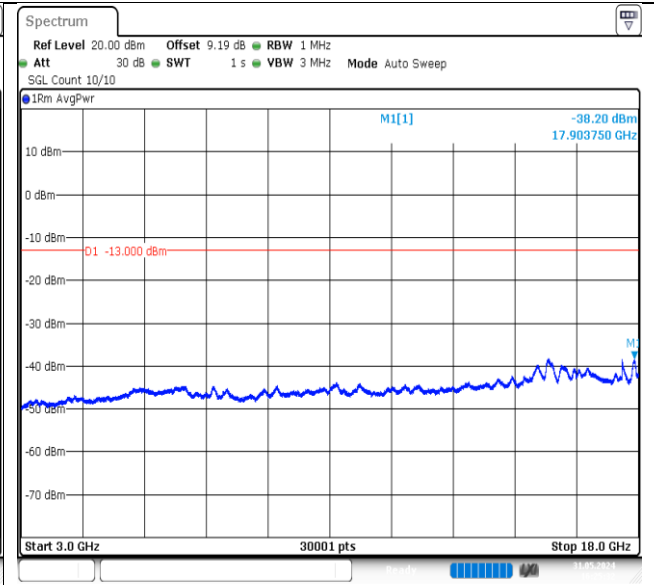


GPRS1900-512-0-1000~3000MHz-PASS

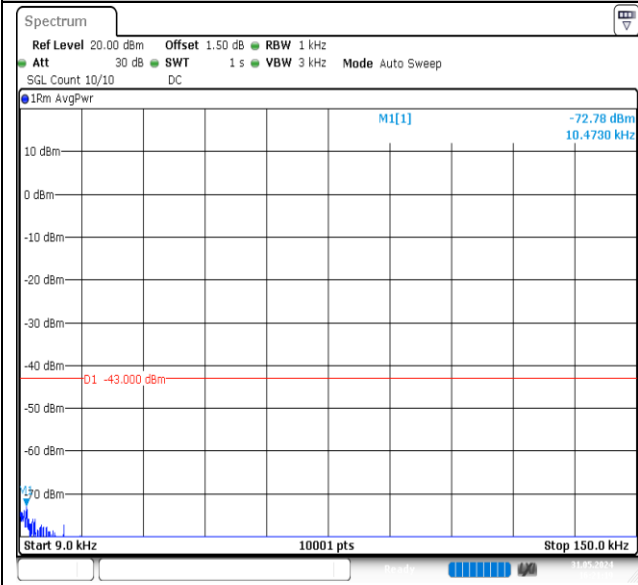
GSM1900-512-0-1000~3000MHz-PASS



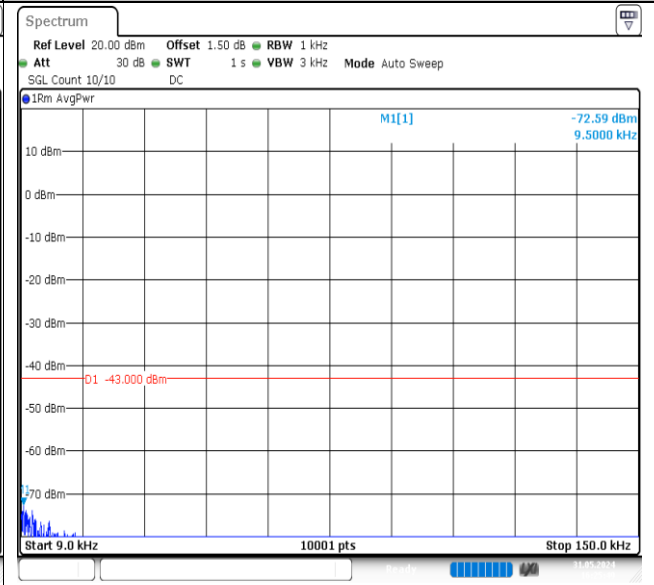
GPRS1900-512-0-3000~18000MHz-PASS



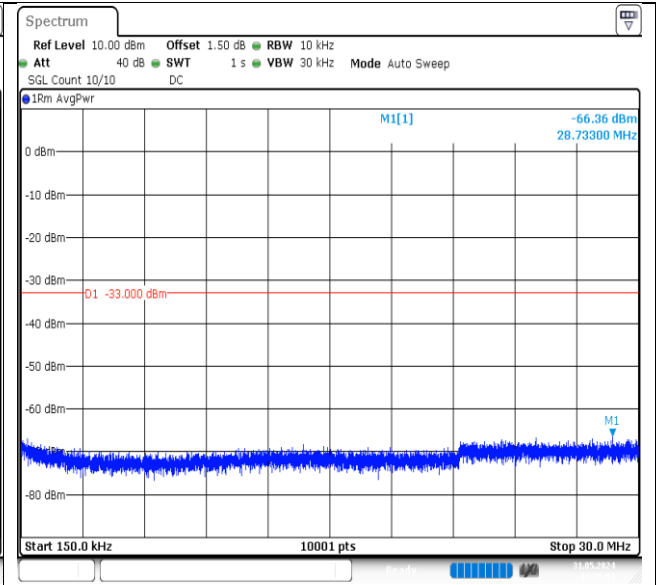
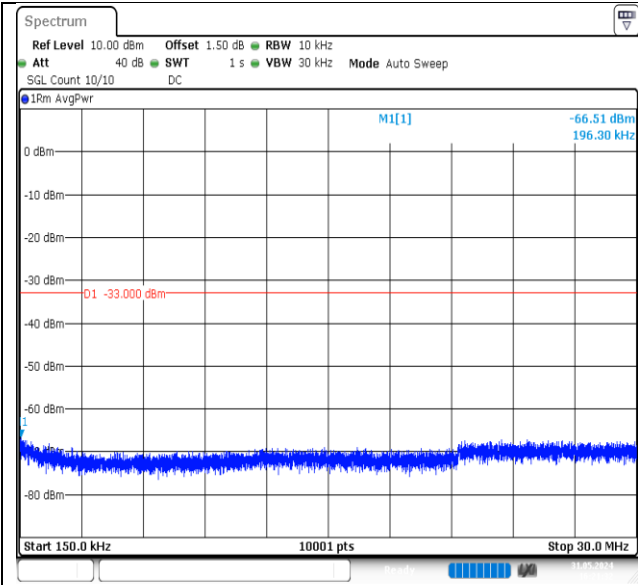
GSM1900-512-0-3000~18000MHz-PASS



GPRS1900-661-0-0.009~0.15MHz-PASS

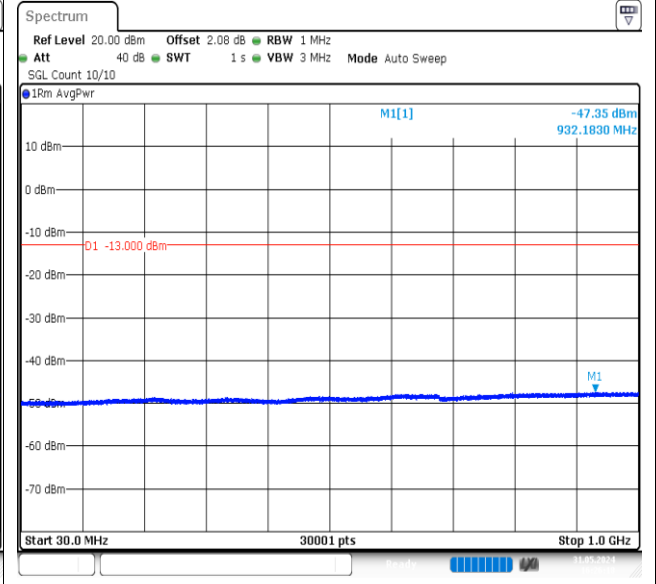
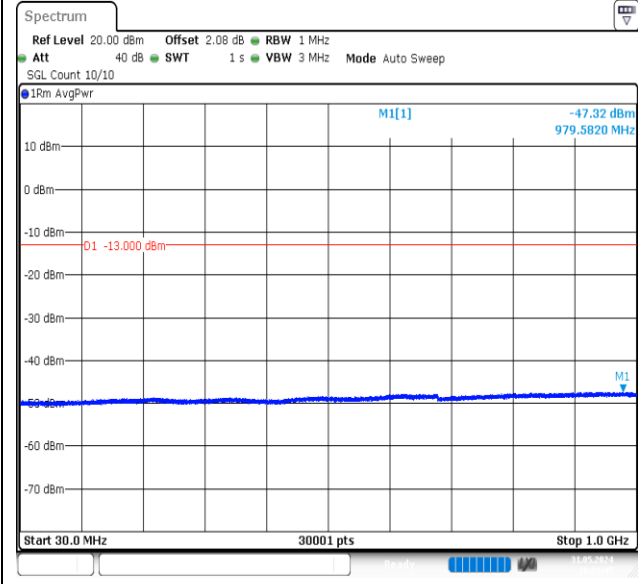


GSM1900-661-0-0.009~0.15MHz-PASS



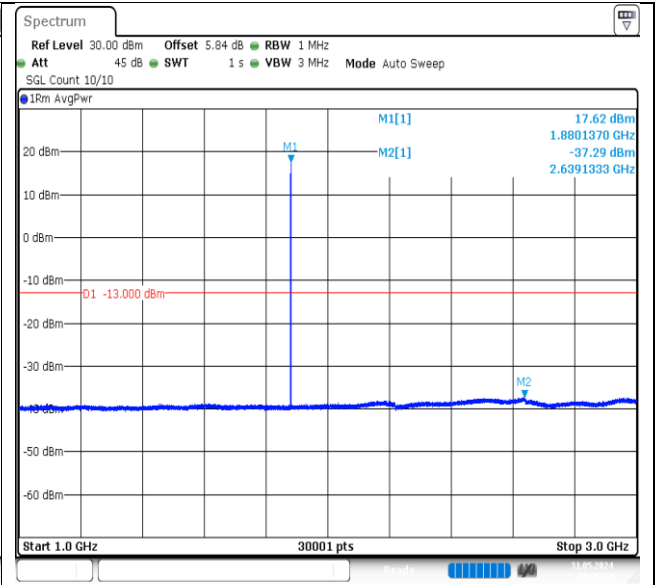
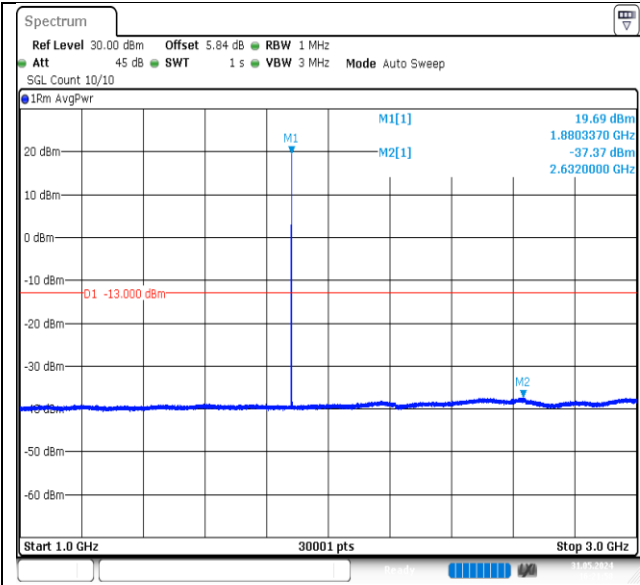
GPRS1900-661-0-0.15~30MHz-PASS

GSM1900-661-0-0.15~30MHz-PASS



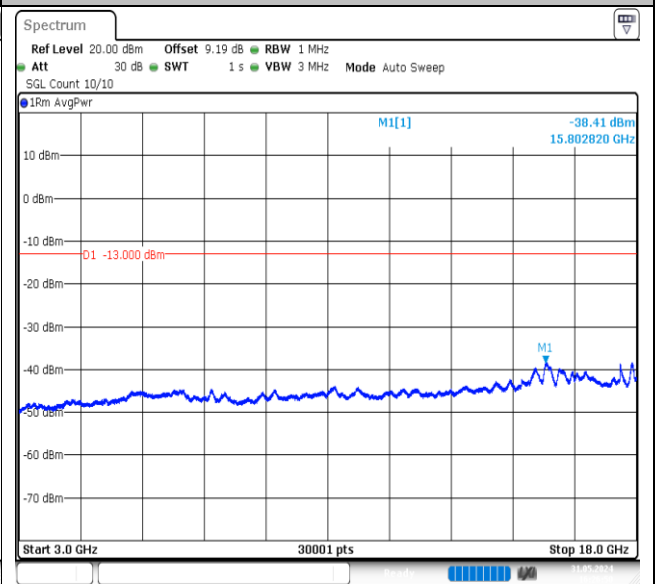
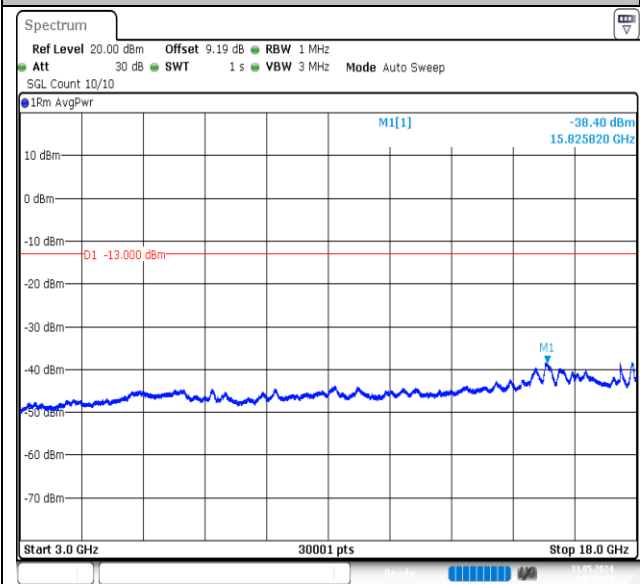
GPRS1900-661-0-30~1000MHz-PASS

GSM1900-661-0-30~1000MHz-PASS



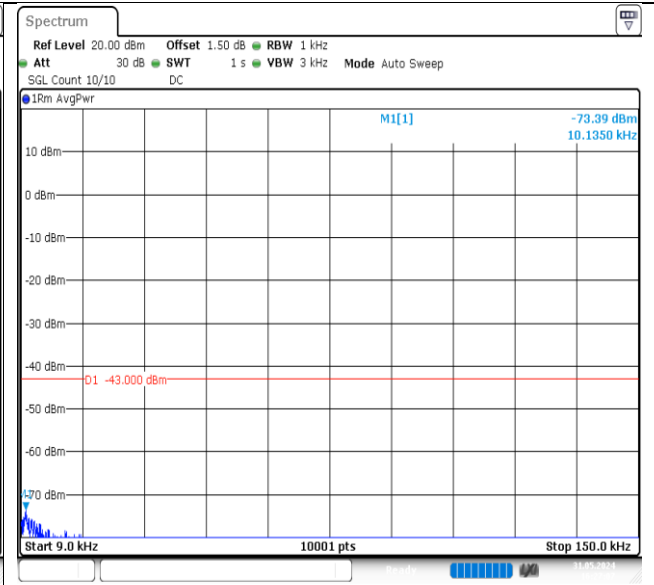
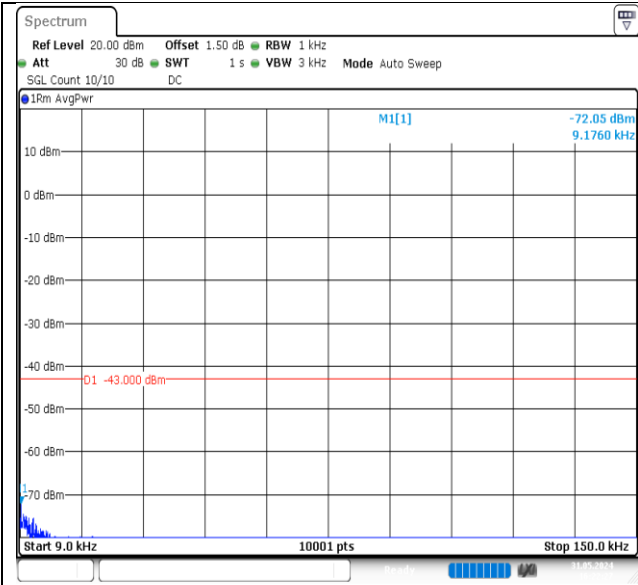
GPRS1900-661-0-1000~3000MHz-PASS

GSM1900-661-0-1000~3000MHz-PASS



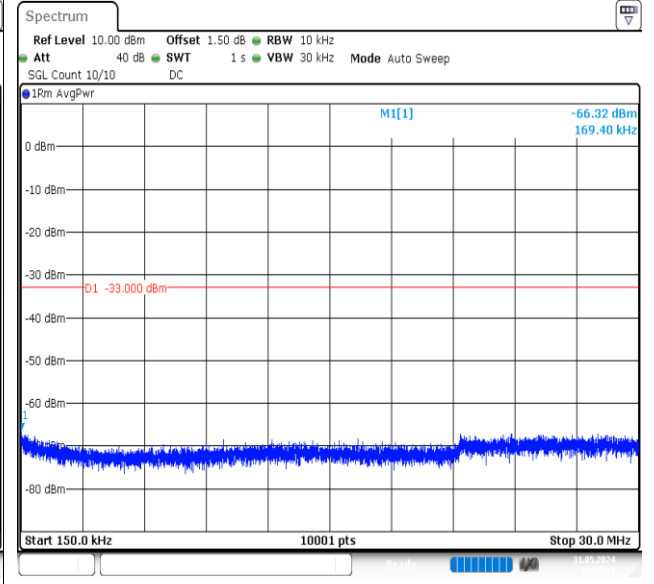
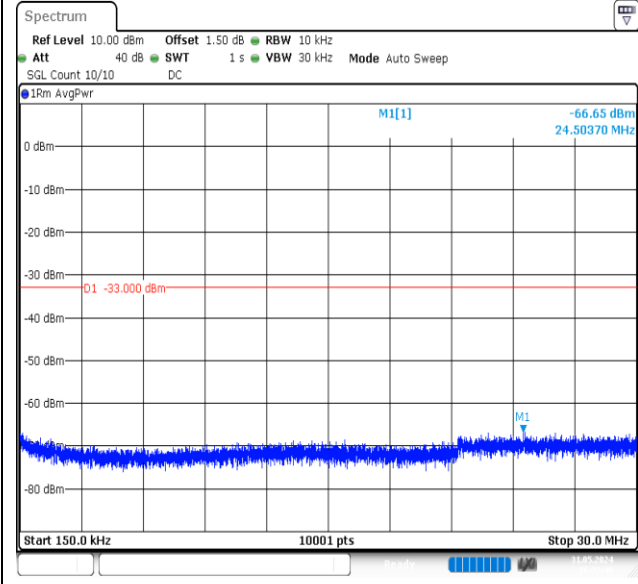
GPRS1900-661-0-3000~18000MHz-PASS

GSM1900-661-0-3000~18000MHz-PASS



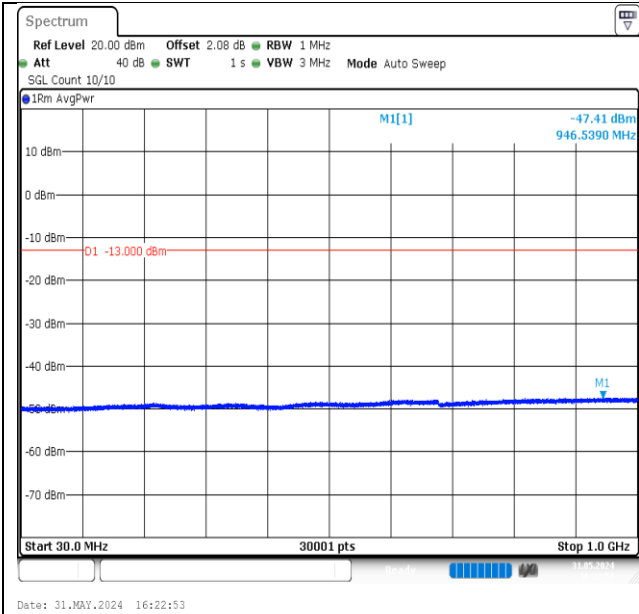
GPRS1900-810-0-0.009~0.15MHz-PASS

GSM1900-810-0-0.009~0.15MHz-PASS

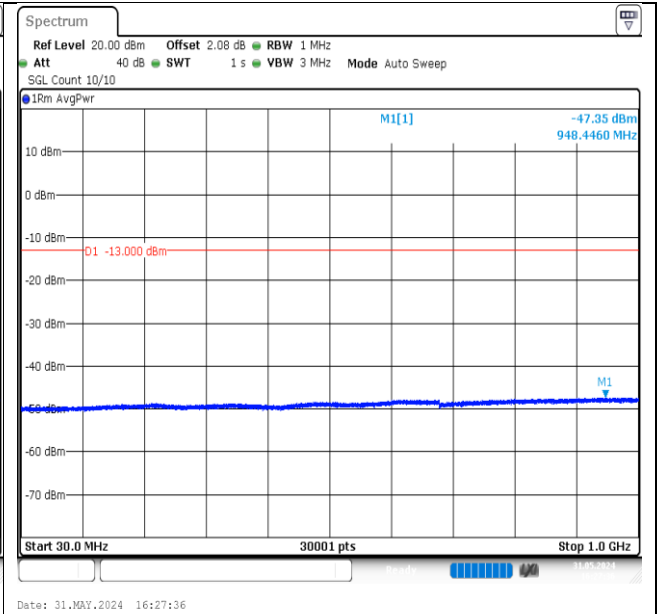


GPRS1900-810-0-0.15~30MHz-PASS

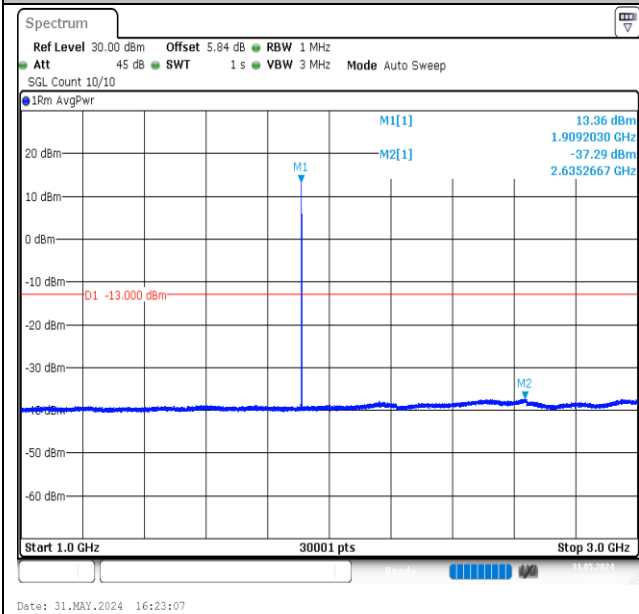
GSM1900-810-0-0.15~30MHz-PASS



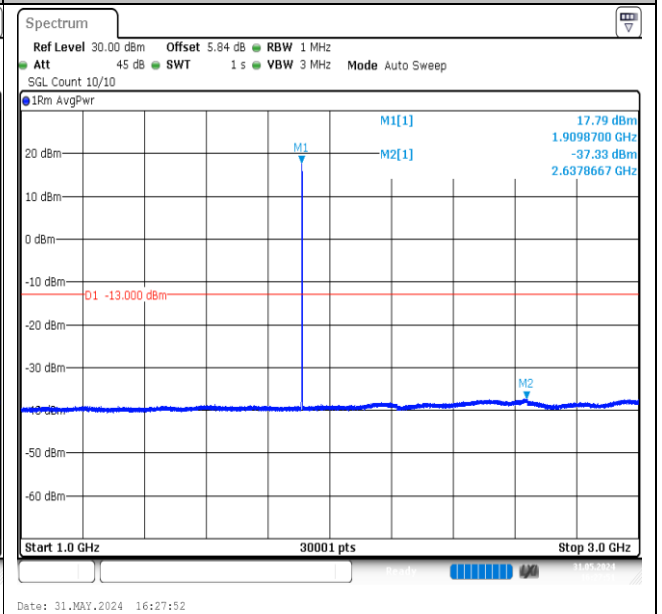
GPRS1900-810-0-30~1000MHz-PASS



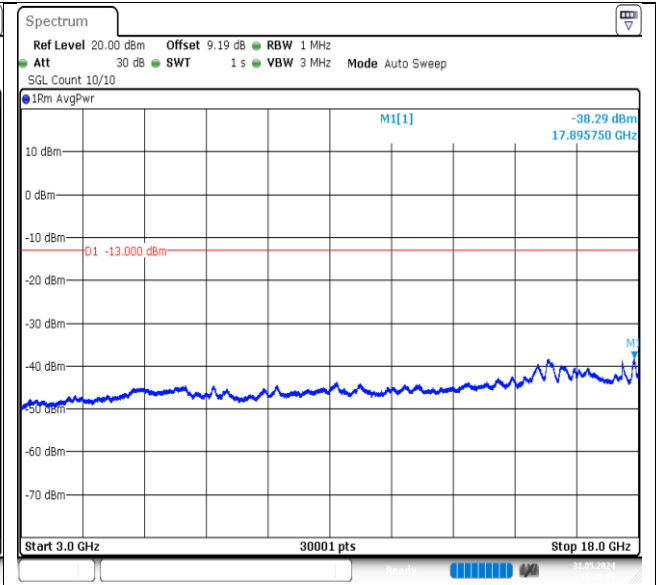
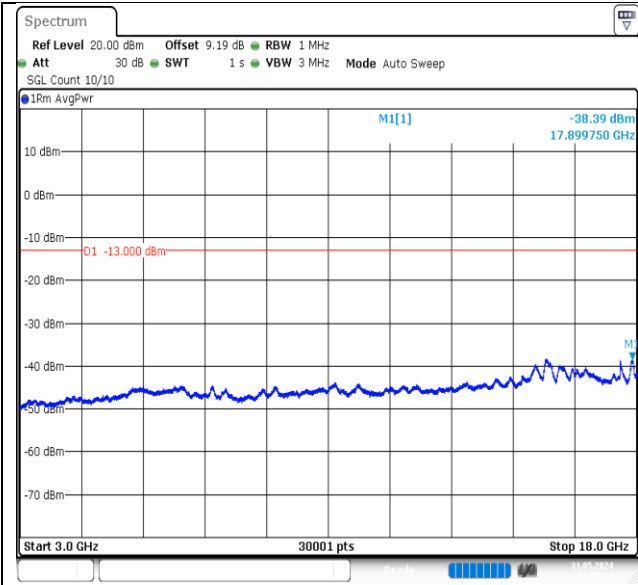
GSM1900-810-0-30~1000MHz-PASS



GPRS1900-810-0-1000~3000MHz-PASS

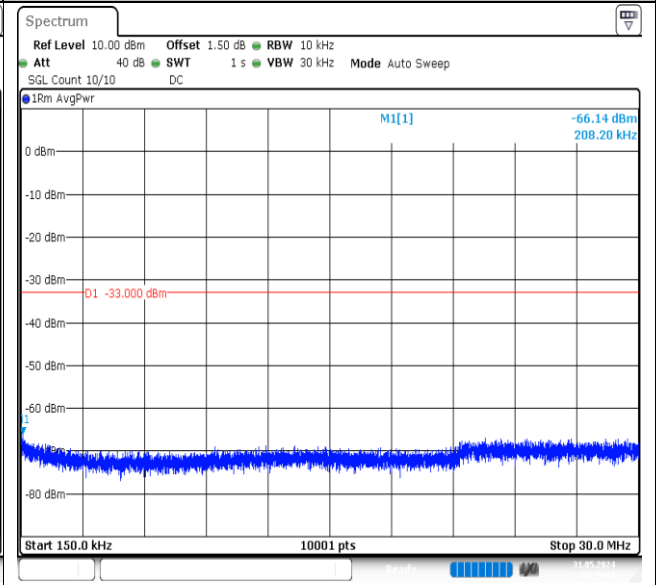
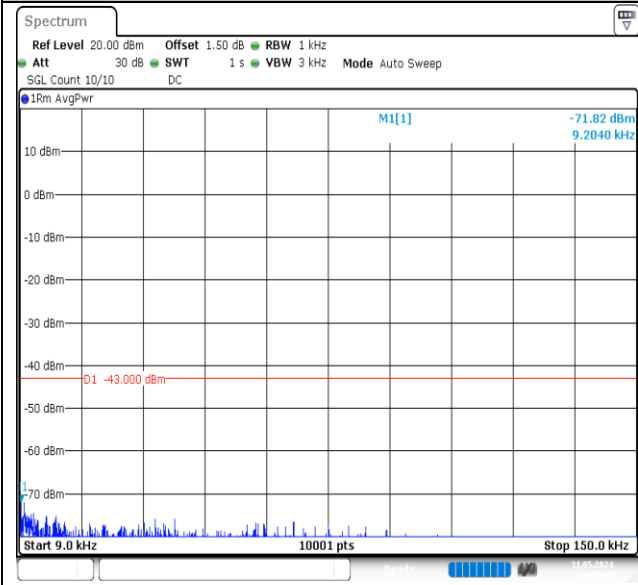


GSM1900-810-0-1000~3000MHz-PASS



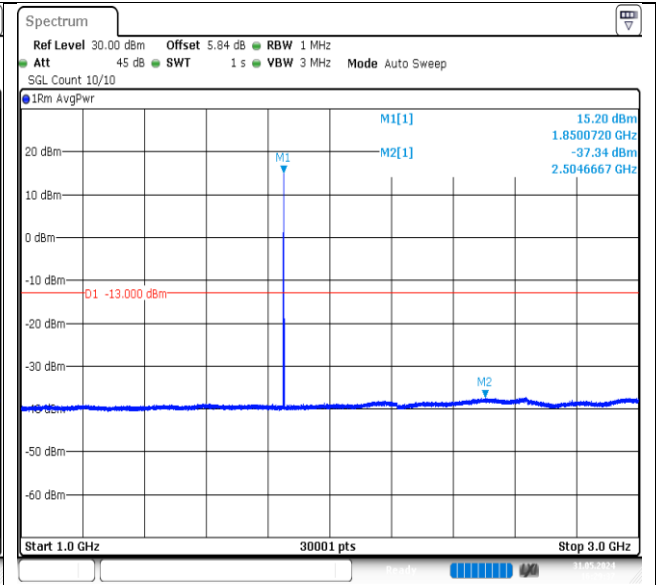
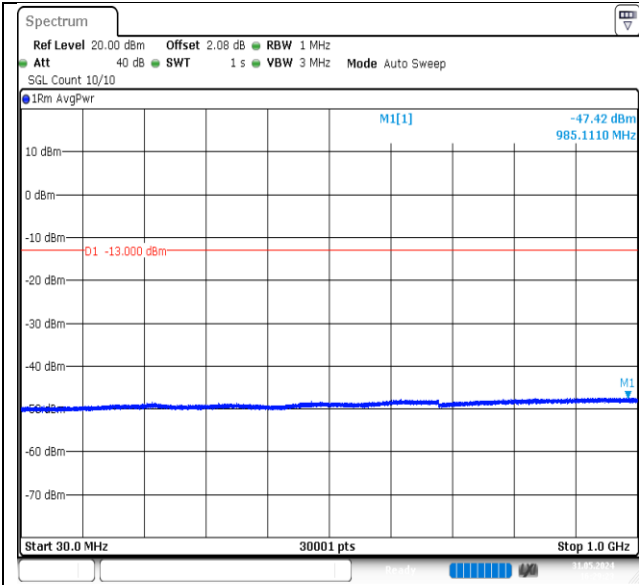
GPRS1900-810-0-3000~18000MHz-PASS

GSM1900-810-0-3000~18000MHz-PASS



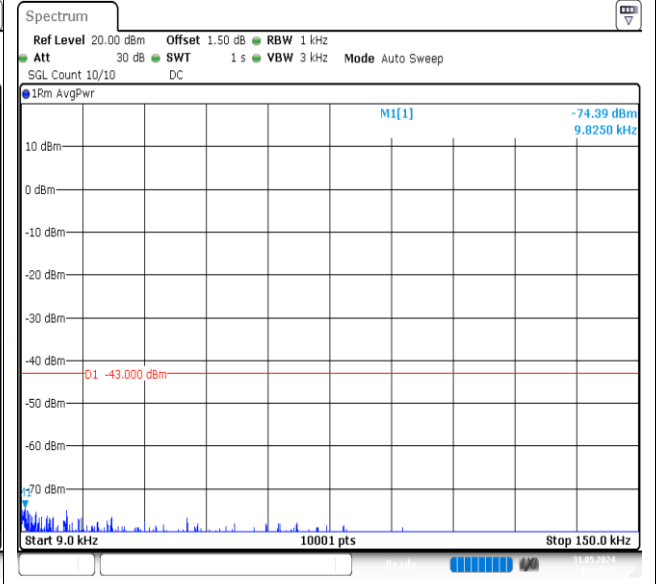
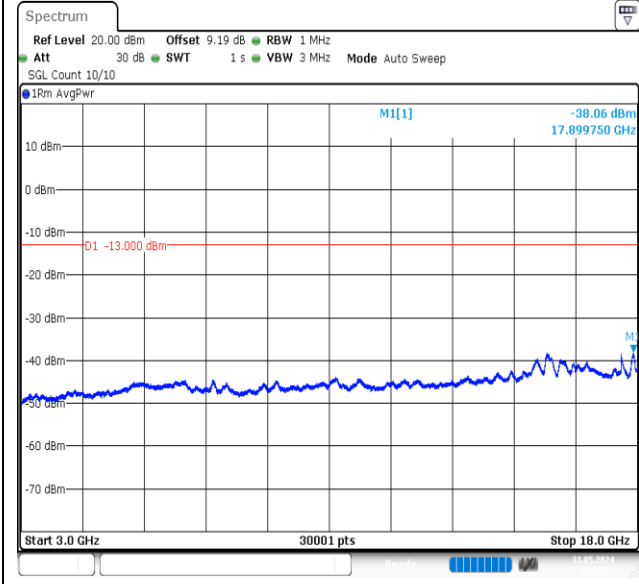
EGPRS1900-512-2-0.009~0.15MHz-PASS

EGPRS1900-512-2-0.15~30MHz-PASS



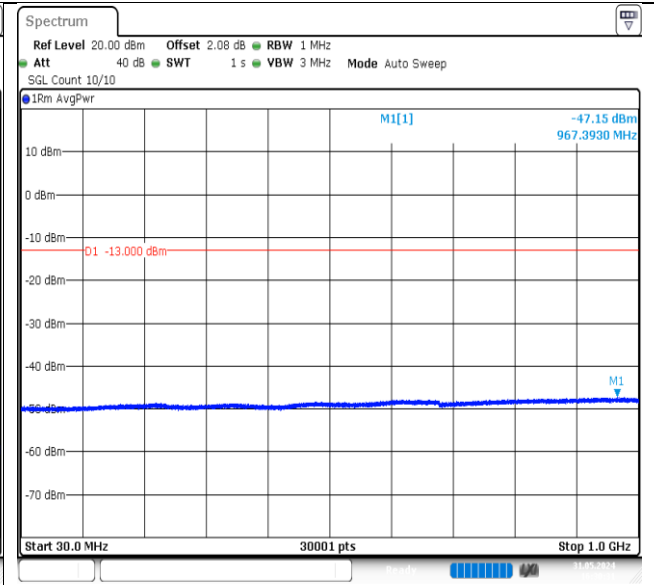
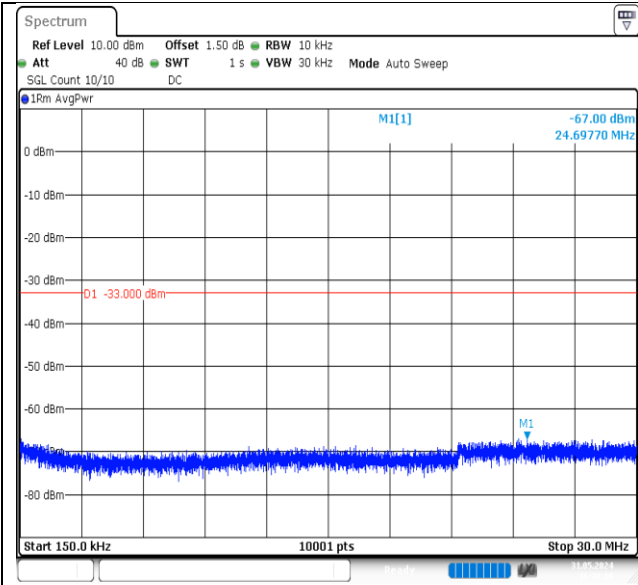
EGPRS1900-512-2-30~1000MHz-PASS

EGPRS1900-512-2-1000~3000MHz-PASS



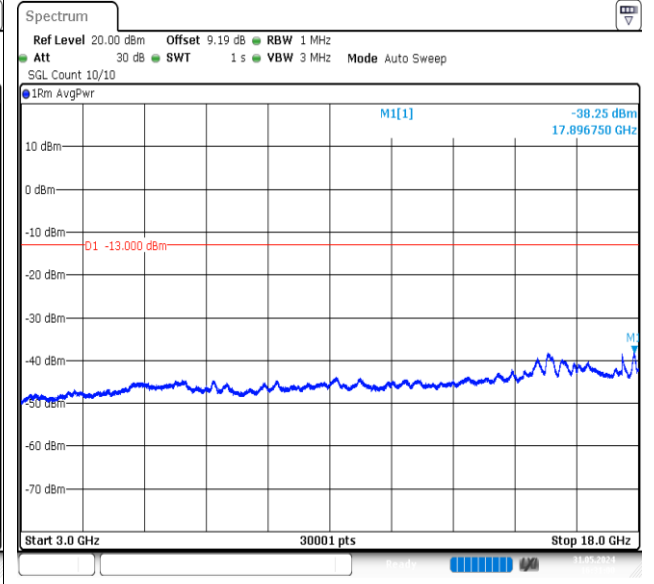
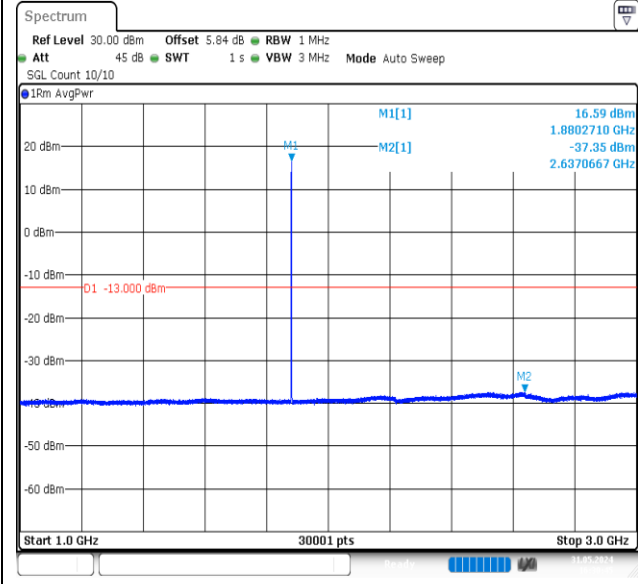
EGPRS1900-512-2-3000~18000MHz-PASS

EGPRS1900-661-2-0.009~0.15MHz-PASS



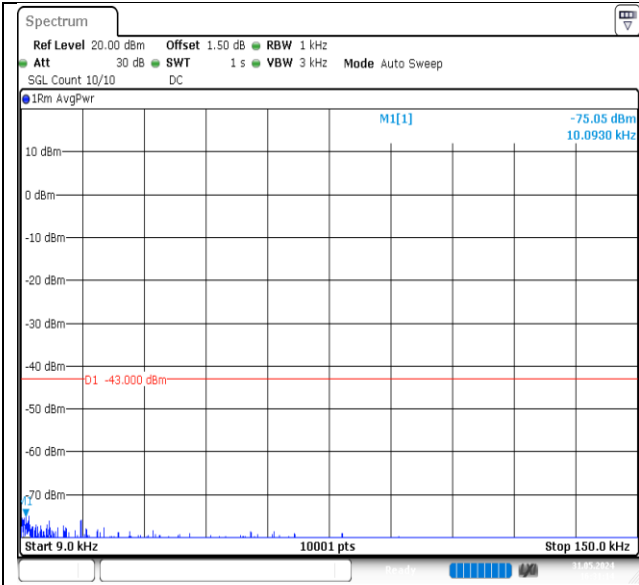
EGPRS1900-661-2-0.15~30MHz-PASS

EGPRS1900-661-2-30~1000MHz-PASS

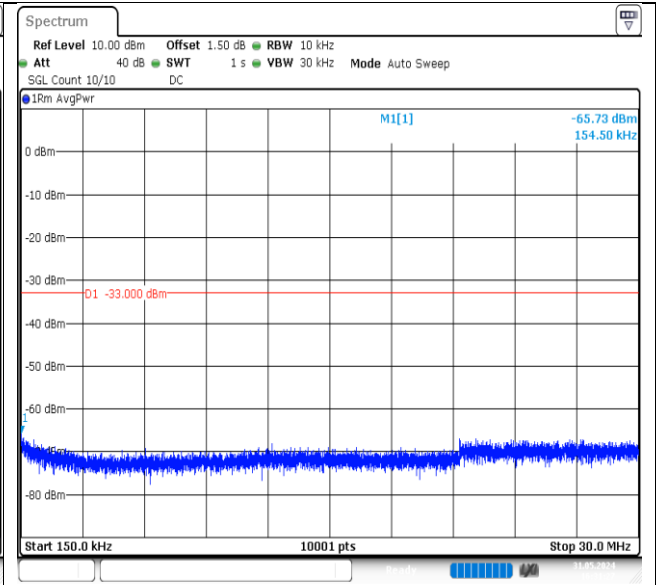


EGPRS1900-661-2-1000~3000MHz-PASS

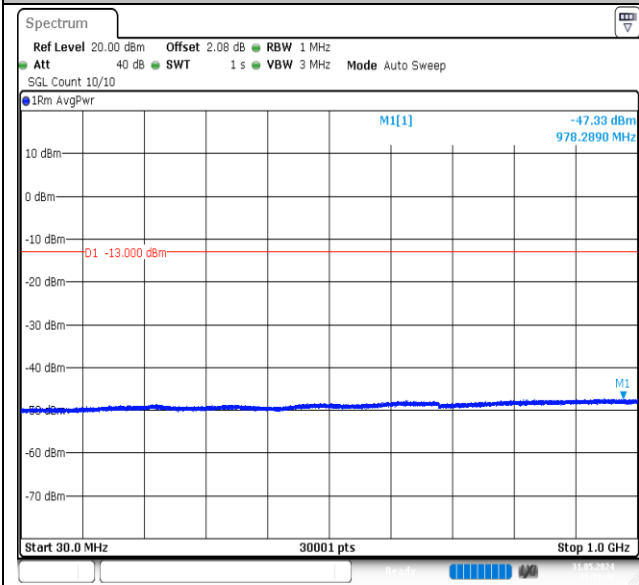
EGPRS1900-661-2-3000~18000MHz-PASS



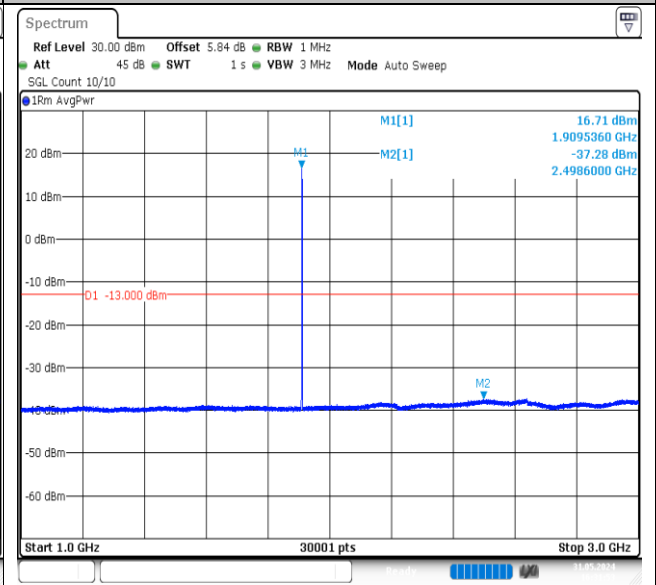
EGPRS1900-810-2-0.009~0.15MHz-PASS



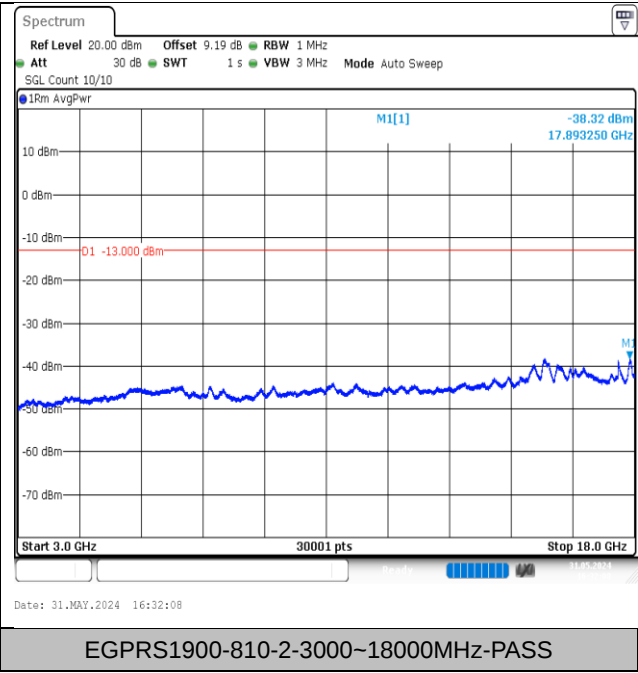
EGPRS1900-810-2-0.15~30MHz-PASS



EGPRS1900-810-2-30~1000MHz-PASS



EGPRS1900-810-2-1000~3000MHz-PASS



Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandName	Channel	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	-2.23	-0.002706	±2.5	PASS
GSM850	128	NV	-20	-2.03	-0.002463	±2.5	PASS
GSM850	128	NV	-10	-4.20	-0.005096	±2.5	PASS
GSM850	128	NV	0	-5.49	-0.006661	±2.5	PASS
GSM850	128	NV	10	-3.23	-0.003919	±2.5	PASS
GSM850	128	NV	20	-5.88	-0.007134	±2.5	PASS
GSM850	128	NV	30	-4.52	-0.005484	±2.5	PASS
GSM850	128	NV	40	-6.36	-0.007717	±2.5	PASS
GSM850	128	NV	50	-4.16	-0.005047	±2.5	PASS
GPRS850	128	NV	-30	-10.59	-0.012849	±2.5	PASS
GPRS850	128	NV	-20	-4.10	-0.004975	±2.5	PASS
GPRS850	128	NV	-10	-3.87	-0.004695	±2.5	PASS
GPRS850	128	NV	0	-5.65	-0.006855	±2.5	PASS
GPRS850	128	NV	10	-1.10	-0.001335	±2.5	PASS
GPRS850	128	NV	20	-2.91	-0.003531	±2.5	PASS
GPRS850	128	NV	30	-2.91	-0.003531	±2.5	PASS
GPRS850	128	NV	40	-8.56	-0.010386	±2.5	PASS
GPRS850	128	NV	50	4.88	0.005921	±2.5	PASS
GSM850	190	NV	-30	-1.84	-0.002199	±2.5	PASS
GSM850	190	NV	-20	0.10	0.000120	±2.5	PASS
GSM850	190	NV	-10	-1.68	-0.002008	±2.5	PASS
GSM850	190	NV	0	-0.26	-0.000311	±2.5	PASS
GSM850	190	NV	10	-4.81	-0.005749	±2.5	PASS
GSM850	190	NV	20	-4.29	-0.005128	±2.5	PASS
GSM850	190	NV	30	-1.32	-0.001578	±2.5	PASS
GSM850	190	NV	40	-4.29	-0.005128	±2.5	PASS
GSM850	190	NV	50	-3.13	-0.003741	±2.5	PASS
GPRS850	190	NV	-30	-0.16	-0.000191	±2.5	PASS
GPRS850	190	NV	-20	-1.07	-0.001279	±2.5	PASS

GPRS850	190	NV	-10	-3.20	-0.003825	±2.5	PASS
GPRS850	190	NV	0	-2.39	-0.002857	±2.5	PASS
GPRS850	190	NV	10	-1.39	-0.001661	±2.5	PASS
GPRS850	190	NV	20	-2.32	-0.002773	±2.5	PASS
GPRS850	190	NV	30	-3.65	-0.004363	±2.5	PASS
GPRS850	190	NV	40	-4.65	-0.005558	±2.5	PASS
GPRS850	190	NV	50	-4.52	-0.005403	±2.5	PASS
GSM850	251	NV	-30	1.26	0.001484	±2.5	PASS
GSM850	251	NV	-20	-0.16	-0.000189	±2.5	PASS
GSM850	251	NV	-10	0.71	0.000836	±2.5	PASS
GSM850	251	NV	0	-1.58	-0.001861	±2.5	PASS
GSM850	251	NV	10	2.62	0.003087	±2.5	PASS
GSM850	251	NV	20	-4.49	-0.005290	±2.5	PASS
GSM850	251	NV	30	-0.94	-0.001107	±2.5	PASS
GSM850	251	NV	40	-2.91	-0.003428	±2.5	PASS
GSM850	251	NV	50	-0.77	-0.000907	±2.5	PASS
GPRS850	251	NV	-30	-3.75	-0.004418	±2.5	PASS
GPRS850	251	NV	-20	-1.19	-0.001402	±2.5	PASS
GPRS850	251	NV	-10	-0.03	-0.000035	±2.5	PASS
GPRS850	251	NV	0	0.65	0.000766	±2.5	PASS
GPRS850	251	NV	10	-5.78	-0.006810	±2.5	PASS
GPRS850	251	NV	20	-4.71	-0.005549	±2.5	PASS
GPRS850	251	NV	30	-3.84	-0.004524	±2.5	PASS
GPRS850	251	NV	40	-3.55	-0.004182	±2.5	PASS
GPRS850	251	NV	50	-3.26	-0.003841	±2.5	PASS
EGPRS850	128	NV	-30	-1.45	-0.001759	±2.5	PASS
EGPRS850	128	NV	-20	0.90	0.001092	±2.5	PASS
EGPRS850	128	NV	-10	3.26	0.003955	±2.5	PASS
EGPRS850	128	NV	0	-3.36	-0.004077	±2.5	PASS
EGPRS850	128	NV	10	3.49	0.004234	±2.5	PASS
EGPRS850	128	NV	20	-6.36	-0.007717	±2.5	PASS
EGPRS850	128	NV	30	-3.13	-0.003798	±2.5	PASS
EGPRS850	128	NV	40	-1.49	-0.001808	±2.5	PASS
EGPRS850	128	NV	50	-3.68	-0.004465	±2.5	PASS
EGPRS850	190	NV	-30	-2.42	-0.002893	±2.5	PASS
EGPRS850	190	NV	-20	3.26	0.003897	±2.5	PASS
EGPRS850	190	NV	-10	-5.04	-0.006024	±2.5	PASS
EGPRS850	190	NV	0	-3.36	-0.004016	±2.5	PASS
EGPRS850	190	NV	10	-4.13	-0.004937	±2.5	PASS
EGPRS850	190	NV	20	-0.03	-0.000036	±2.5	PASS
EGPRS850	190	NV	30	1.71	0.002044	±2.5	PASS

EGPRS850	190	NV	40	3.13	0.003741	±2.5	PASS
EGPRS850	190	NV	50	1.49	0.001781	±2.5	PASS
EGPRS850	251	NV	-30	-0.84	-0.000990	±2.5	PASS
EGPRS850	251	NV	-20	-3.71	-0.004371	±2.5	PASS
EGPRS850	251	NV	-10	-9.88	-0.011640	±2.5	PASS
EGPRS850	251	NV	0	-2.94	-0.003464	±2.5	PASS
EGPRS850	251	NV	10	2.65	0.003122	±2.5	PASS
EGPRS850	251	NV	20	-2.84	-0.003346	±2.5	PASS
EGPRS850	251	NV	30	3.71	0.004371	±2.5	PASS
EGPRS850	251	NV	40	-4.29	-0.005054	±2.5	PASS
EGPRS850	251	NV	50	-3.81	-0.004489	±2.5	PASS
GSM1900	512	NV	-30	2500.00	1.351205	±NA	PASS
GSM1900	512	NV	-20	2250.00	1.216085	±NA	PASS
GSM1900	512	NV	-10	2750.00	1.486326	±NA	PASS
GSM1900	512	NV	0	2500.00	1.351205	±NA	PASS
GSM1900	512	NV	10	2750.00	1.486326	±NA	PASS
GSM1900	512	NV	20	2500.00	1.351205	±NA	PASS
GSM1900	512	NV	30	2500.00	1.351205	±NA	PASS
GSM1900	512	NV	40	2500.00	1.351205	±NA	PASS
GSM1900	512	NV	50	2250.00	1.216085	±NA	PASS
GPRS1900	512	NV	-30	2250.00	1.216085	±NA	PASS
GPRS1900	512	NV	-20	2750.00	1.486326	±NA	PASS
GPRS1900	512	NV	-10	2500.00	1.351205	±NA	PASS
GPRS1900	512	NV	0	3000.00	1.621446	±NA	PASS
GPRS1900	512	NV	10	2750.00	1.486326	±NA	PASS
GPRS1900	512	NV	20	2500.00	1.351205	±NA	PASS
GPRS1900	512	NV	30	2500.00	1.351205	±NA	PASS
GPRS1900	512	NV	40	2500.00	1.351205	±NA	PASS
GPRS1900	512	NV	50	2250.00	1.216085	±NA	PASS
GSM1900	661	NV	-30	2750.00	1.462766	±NA	PASS
GSM1900	661	NV	-20	2500.00	1.329787	±NA	PASS
GSM1900	661	NV	-10	2750.00	1.462766	±NA	PASS
GSM1900	661	NV	0	2500.00	1.329787	±NA	PASS
GSM1900	661	NV	10	2000.00	1.063830	±NA	PASS
GSM1900	661	NV	20	2500.00	1.329787	±NA	PASS
GSM1900	661	NV	30	2750.00	1.462766	±NA	PASS
GSM1900	661	NV	40	2500.00	1.329787	±NA	PASS
GSM1900	661	NV	50	2500.00	1.329787	±NA	PASS
GPRS1900	661	NV	-30	2500.00	1.329787	±NA	PASS
GPRS1900	661	NV	-20	2000.00	1.063830	±NA	PASS
GPRS1900	661	NV	-10	2500.00	1.329787	±NA	PASS

GPRS1900	661	NV	0	2750.00	1.462766	±NA	PASS
GPRS1900	661	NV	10	2750.00	1.462766	±NA	PASS
GPRS1900	661	NV	20	2750.00	1.462766	±NA	PASS
GPRS1900	661	NV	30	2750.00	1.462766	±NA	PASS
GPRS1900	661	NV	40	2000.00	1.063830	±NA	PASS
GPRS1900	661	NV	50	2500.00	1.329787	±NA	PASS
GSM1900	810	NV	-30	2500.00	1.309038	±NA	PASS
GSM1900	810	NV	-20	2750.00	1.439941	±NA	PASS
GSM1900	810	NV	-10	2750.00	1.439941	±NA	PASS
GSM1900	810	NV	0	2750.00	1.439941	±NA	PASS
GSM1900	810	NV	10	2750.00	1.439941	±NA	PASS
GSM1900	810	NV	20	2500.00	1.309038	±NA	PASS
GSM1900	810	NV	30	3000.00	1.570845	±NA	PASS
GSM1900	810	NV	40	2750.00	1.439941	±NA	PASS
GSM1900	810	NV	50	2750.00	1.439941	±NA	PASS
GPRS1900	810	NV	-30	2500.00	1.309038	±NA	PASS
GPRS1900	810	NV	-20	2750.00	1.439941	±NA	PASS
GPRS1900	810	NV	-10	2250.00	1.178134	±NA	PASS
GPRS1900	810	NV	0	2250.00	1.178134	±NA	PASS
GPRS1900	810	NV	10	2750.00	1.439941	±NA	PASS
GPRS1900	810	NV	20	2500.00	1.309038	±NA	PASS
GPRS1900	810	NV	30	2250.00	1.178134	±NA	PASS
GPRS1900	810	NV	40	2750.00	1.439941	±NA	PASS
GPRS1900	810	NV	50	2500.00	1.309038	±NA	PASS
EGPRS1900	512	NV	-30	2250.00	1.216085	±NA	PASS
EGPRS1900	512	NV	-20	2500.00	1.351205	±NA	PASS
EGPRS1900	512	NV	-10	2000.00	1.080964	±NA	PASS
EGPRS1900	512	NV	0	2000.00	1.080964	±NA	PASS
EGPRS1900	512	NV	10	2250.00	1.216085	±NA	PASS
EGPRS1900	512	NV	20	2000.00	1.080964	±NA	PASS
EGPRS1900	512	NV	30	2250.00	1.216085	±NA	PASS
EGPRS1900	512	NV	40	2750.00	1.486326	±NA	PASS
EGPRS1900	512	NV	50	1750.00	0.945844	±NA	PASS
EGPRS1900	661	NV	-30	2250.00	1.196809	±NA	PASS
EGPRS1900	661	NV	-20	2250.00	1.196809	±NA	PASS
EGPRS1900	661	NV	-10	1750.00	0.930851	±NA	PASS
EGPRS1900	661	NV	0	2000.00	1.063830	±NA	PASS
EGPRS1900	661	NV	10	1750.00	0.930851	±NA	PASS
EGPRS1900	661	NV	20	2000.00	1.063830	±NA	PASS
EGPRS1900	661	NV	30	2250.00	1.196809	±NA	PASS
EGPRS1900	661	NV	40	2000.00	1.063830	±NA	PASS

EGPRS1900	661	NV	50	2000.00	1.063830	±NA	PASS
EGPRS1900	810	NV	-30	2250.00	1.178134	±NA	PASS
EGPRS1900	810	NV	-20	2250.00	1.178134	±NA	PASS
EGPRS1900	810	NV	-10	2000.00	1.047230	±NA	PASS
EGPRS1900	810	NV	0	2750.00	1.439941	±NA	PASS
EGPRS1900	810	NV	10	2250.00	1.178134	±NA	PASS
EGPRS1900	810	NV	20	2000.00	1.047230	±NA	PASS
EGPRS1900	810	NV	30	3000.00	1.570845	±NA	PASS
EGPRS1900	810	NV	40	2000.00	1.047230	±NA	PASS
EGPRS1900	810	NV	50	2000.00	1.047230	±NA	PASS

EMISSION LIMIT

Frequency (MHz)	P _{mea} (dBm)	Path Loss (dB)	Antenna Gain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	polarization
GSM 850 Test Channl 128							
1646	-63.32	12.86	9.6	-60.06	-13	47.06	H
2464	-53.14	12.21	10.4	-51.33	-13	38.33	H
7069	-51.99	12.04	11.4	-51.35	-13	38.35	H
2462	-55.98	9.62	10.4	-56.76	-13	43.76	V
6899	-52.36	12.47	11.5	-51.39	-13	38.39	V
10265	-50.34	14.37	12.3	-48.27	-13	35.27	V
GSM 850 Test Channl 190							
1663	-63.74	12.87	9.6	-60.47	-13	47.47	H
2496	-54.33	12.21	10.4	-52.52	-13	39.52	H
7494	-51.54	11.76	11.7	-51.48	-13	38.48	H
2496	-58.16	9.62	10.4	-58.94	-13	45.94	V
5420	-53.53	8.9	11.2	-55.83	-13	42.83	V
7137	-52.92	12.56	11.4	-51.76	-13	38.76	V
GSM 850 Test Channl 251							
1697	-60.07	12.87	9.6	-56.8	-13	43.8	H
2547	-53.8	12.21	10.3	-51.89	-13	38.89	H
7086	-52.17	12.04	11.4	-51.53	-13	38.53	H
1697	-65.88	11	9.6	-64.48	-13	51.48	V
2547	-58.35	9.62	10.3	-59.03	-13	46.03	V
5284	-55.6	8.78	9.1	-55.92	-13	42.92	V
PCS 1900 Test Channl 512							
3703	-36.11	11.22	12	-36.89	-13	23.89	H
5539	-46.55	13.21	11.9	-45.24	-13	32.24	H
8905	-51.57	12.91	12.2	-50.86	-13	37.86	H
4519	-55.48	8.94	11.5	-58.04	-13	45.04	V
7120	-52.62	12.56	11.4	-51.46	-13	38.46	V
7715	-51.44	12.75	11.5	-50.19	-13	37.19	V

PCS 1900 Test Channl 661							
3754	-48.8	10.93	11.8	-49.67	-13	36.67	H
6695	-51.81	11.94	12.1	-51.97	-13	38.97	H
8803	-51.27	12.9	12.3	-50.67	-13	37.67	H
3754	-30.17	8.44	11.8	-33.53	-13	20.53	V
5641	-40.56	9.02	12	-43.54	-13	30.54	V
8565	-52.41	13.33	11.8	-50.88	-13	37.88	V
PCS 1900 Test Channl 810							
3822	-36.94	10.93	11.6	-37.61	-13	24.61	H
5726	-46.38	12.56	12	-45.82	-13	32.82	H
6984	-51.36	12.11	11.3	-50.55	-13	37.55	H
3822	-31.26	8.44	11.6	-34.42	-13	21.42	V
7137	-52.58	12.56	11.4	-51.42	-13	38.42	V
9619	-52.69	14.05	12.3	-50.94	-13	37.94	V