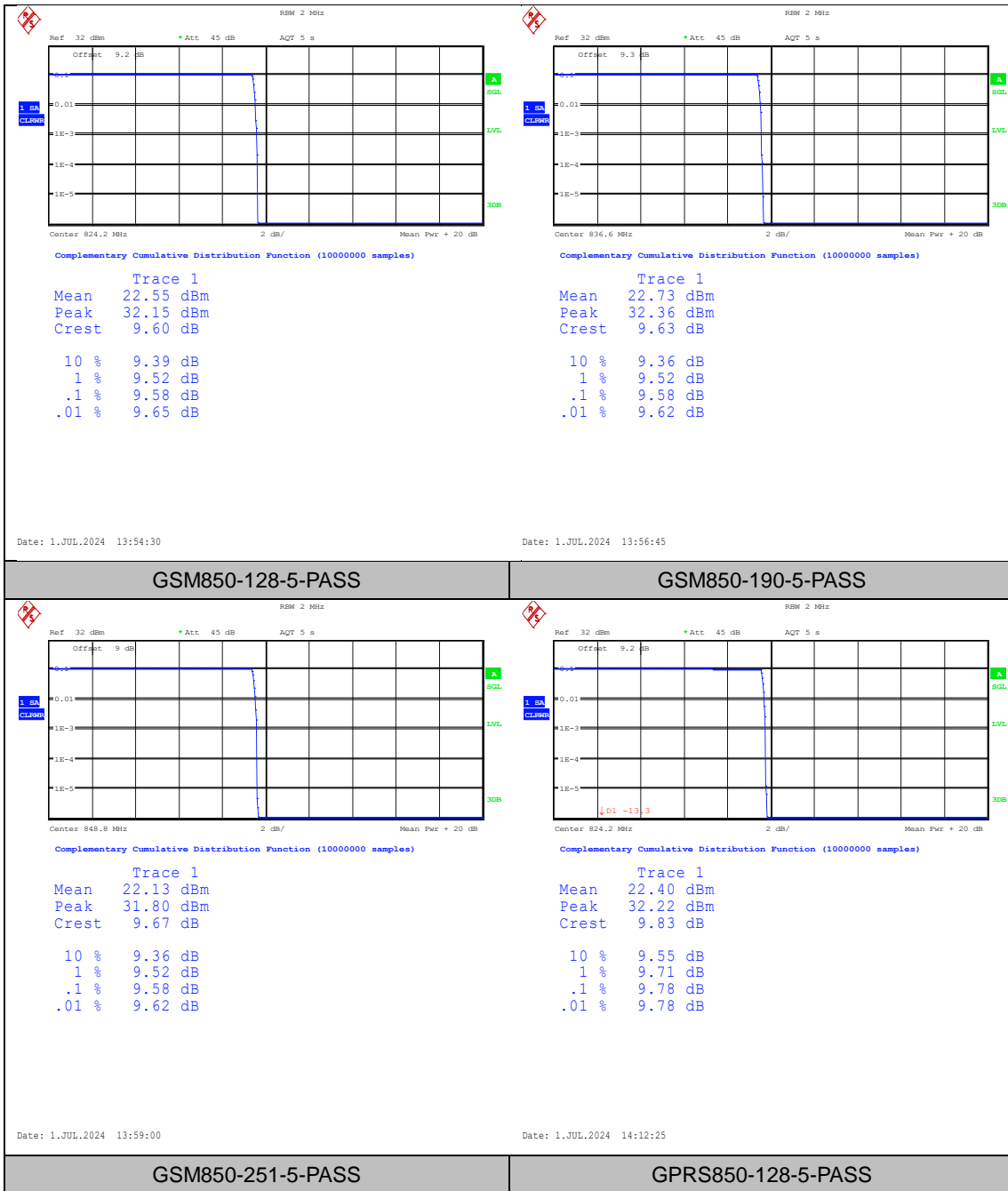


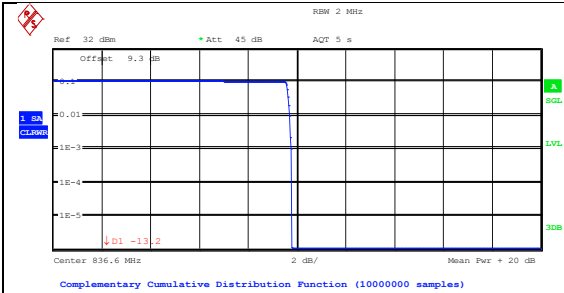
Appendix A: Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.58	13	PASS
GSM850	190	9.58	13	PASS
GSM850	251	9.58	13	PASS
GPRS850	128	9.78	13	PASS
GPRS850	190	9.78	13	PASS
GPRS850	251	9.78	13	PASS
EGPRS850	128	12.72	13	PASS
EGPRS850	190	12.72	13	PASS
EGPRS850	251	12.79	13	PASS

Test Graphs

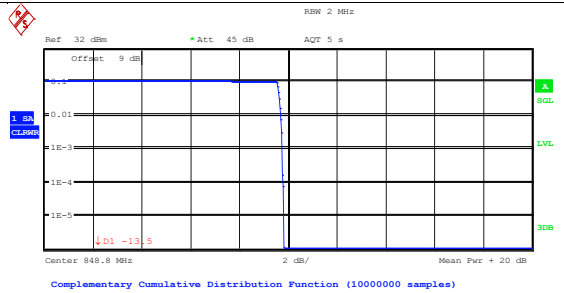




Trace 1
 Mean 22.58 dBm
 Peak 32.36 dBm
 Crest 9.79 dB

10 %	9.55 dB
1 %	9.71 dB
.1 %	9.78 dB
.01 %	9.81 dB

Date: 1.JUL.2024 14:14:40



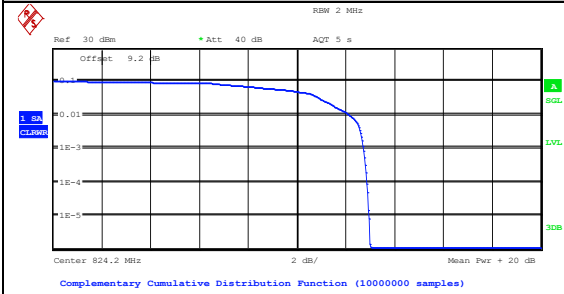
Trace 1
 Mean 21.98 dBm
 Peak 31.80 dBm
 Crest 9.82 dB

10 %	9.52 dB
1 %	9.71 dB
.1 %	9.78 dB
.01 %	9.81 dB

Date: 1.JUL.2024 14:16:54

GPRS850-190-5-PASS

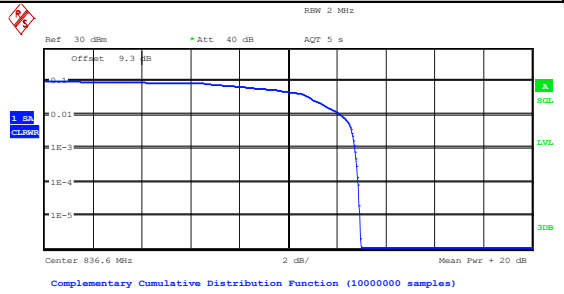
GPRS850-251-5-PASS



Trace 1
 Mean 16.08 dBm
 Peak 29.14 dBm
 Crest 13.07 dB

10 %	2.60 dB
1 %	12.15 dB
.1 %	12.72 dB
.01 %	12.88 dB

Date: 2.JUL.2024 09:24:11



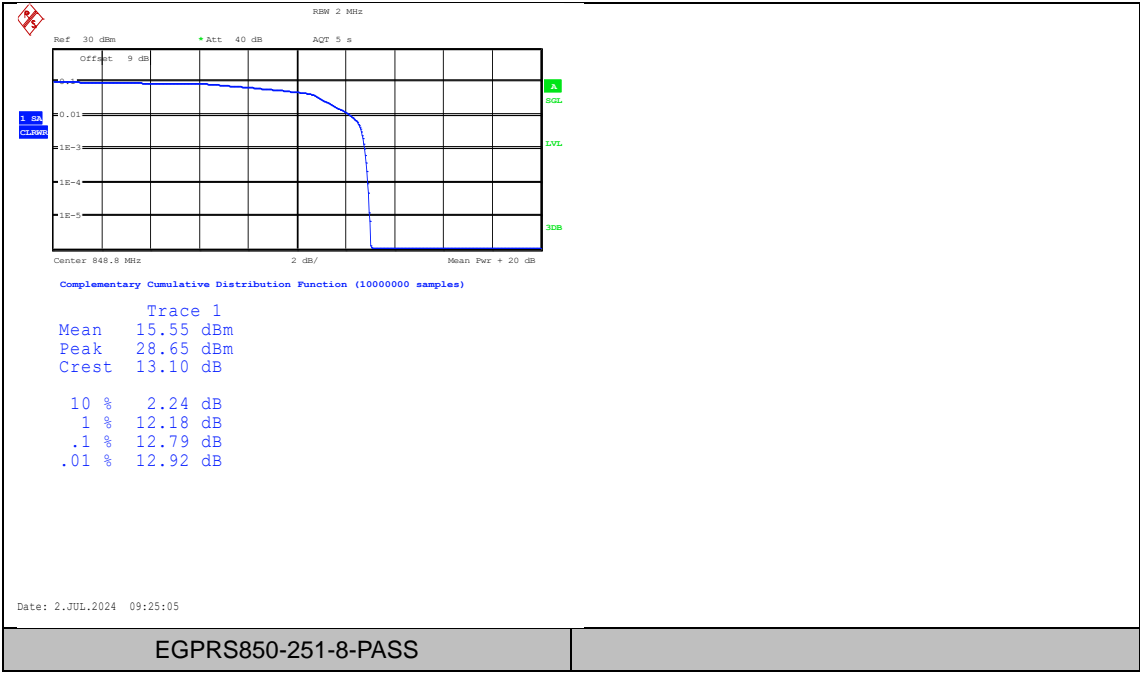
Trace 1
 Mean 16.18 dBm
 Peak 29.21 dBm
 Crest 13.04 dB

10 %	2.63 dB
1 %	12.15 dB
.1 %	12.72 dB
.01 %	12.88 dB

Date: 2.JUL.2024 09:24:38

EGPRS850-128-8-PASS

EGPRS850-190-8-PASS

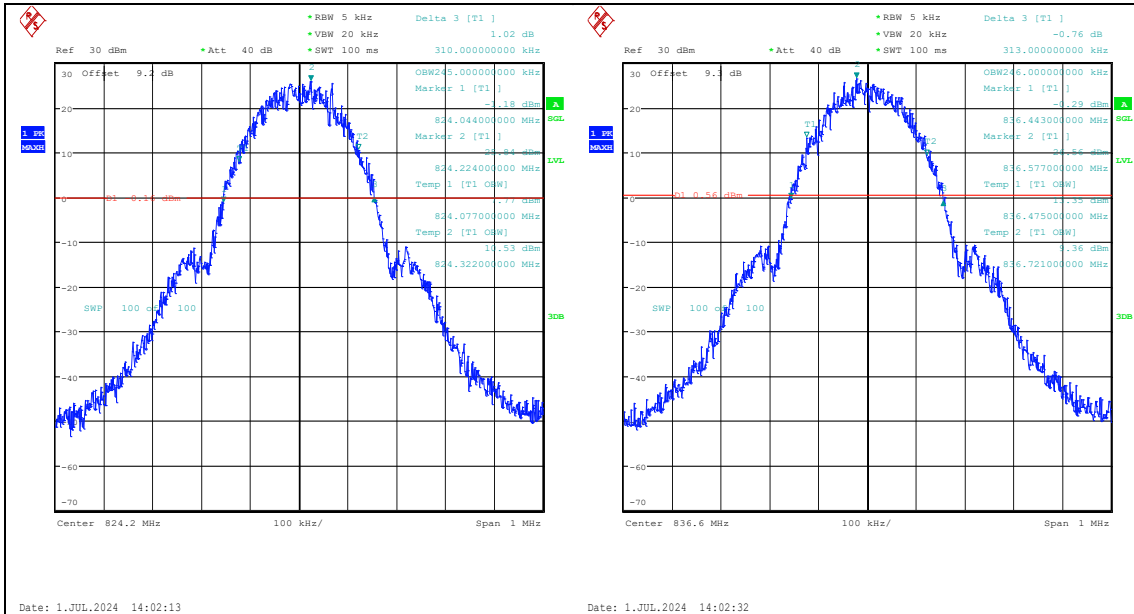


Appendix B: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.245	0.31	---	PASS
GSM850	190	0.246	0.31	---	PASS
GSM850	251	0.244	0.31	---	PASS
GPRS850	128	0.244	0.32	---	PASS
GPRS850	190	0.245	0.32	---	PASS
GPRS850	251	0.242	0.31	---	PASS
EGPRS850	128	0.242	0.31	---	PASS
EGPRS850	190	0.241	0.30	---	PASS
EGPRS850	251	0.242	0.31	---	PASS

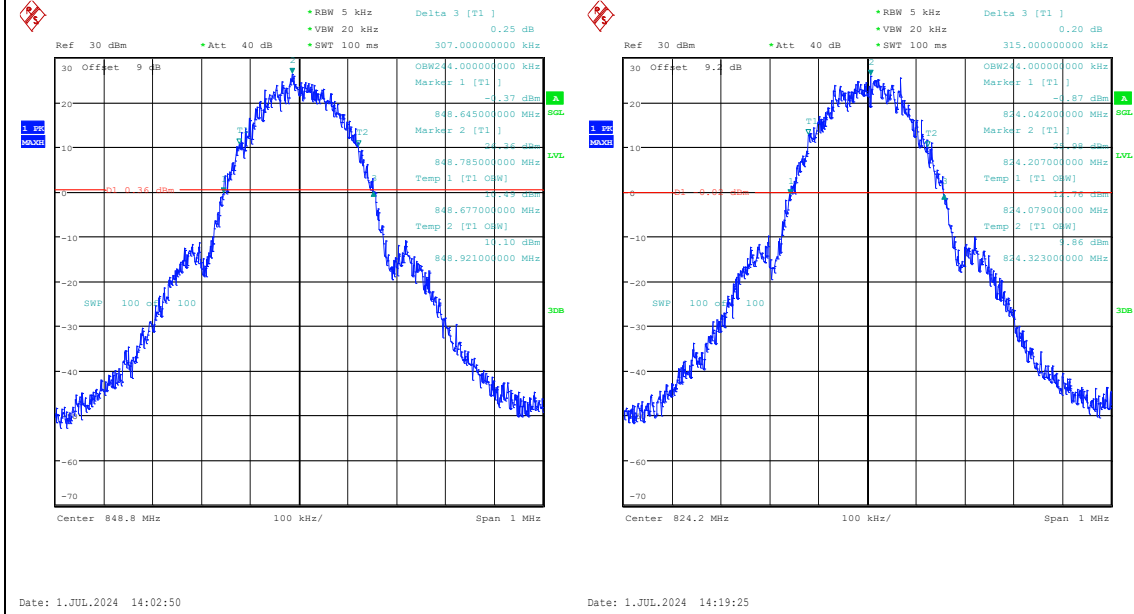
Test Graphs



Date: 1.JUL.2024 14:02:13

Date: 1.JUL.2024 14:02:32

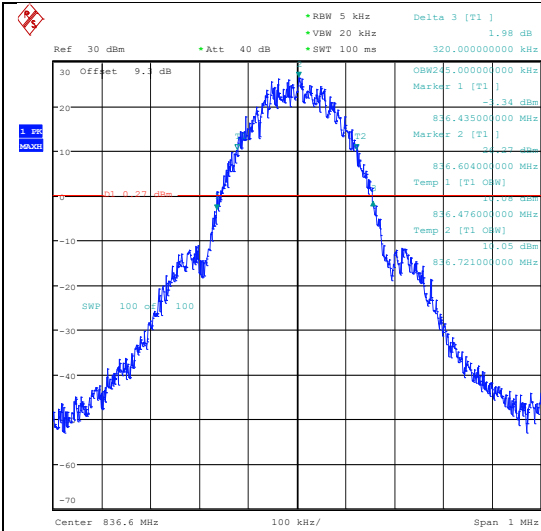
GSM850-128-5-PASS GSM850-190-5-PASS



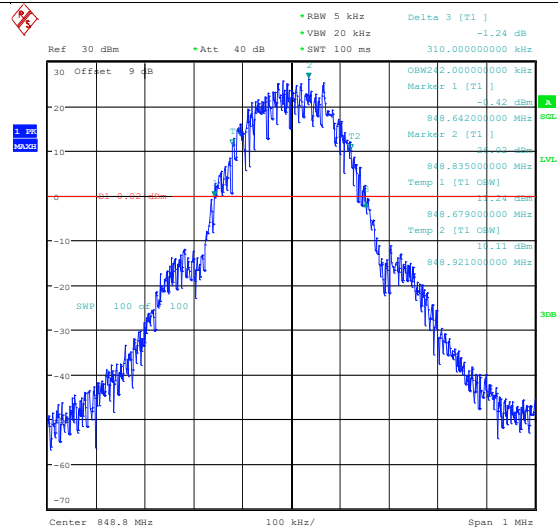
Date: 1.JUL.2024 14:02:50

Date: 1.JUL.2024 14:19:25

GSM850-251-5-PASS GPRS850-128-5-PASS



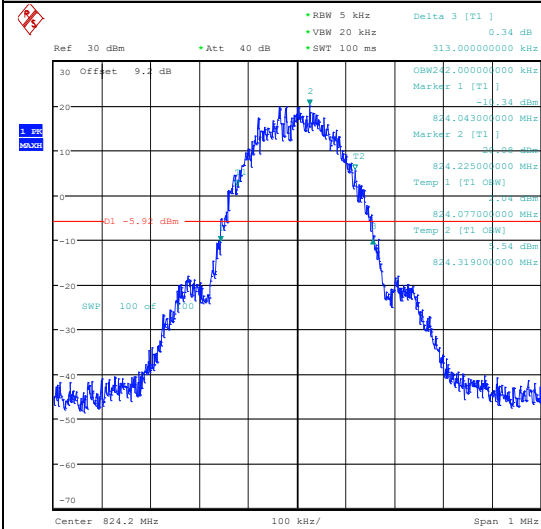
Date: 1.JUL.2024 14:19:44



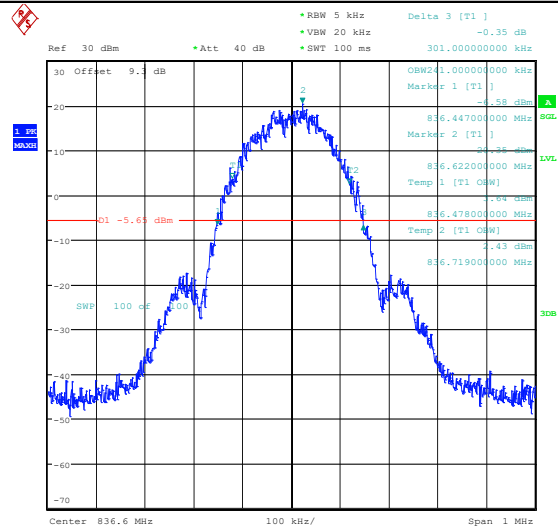
Date: 1.JUL.2024 14:20:03

GPRS850-190-5-PASS

GPRS850-251-5-PASS



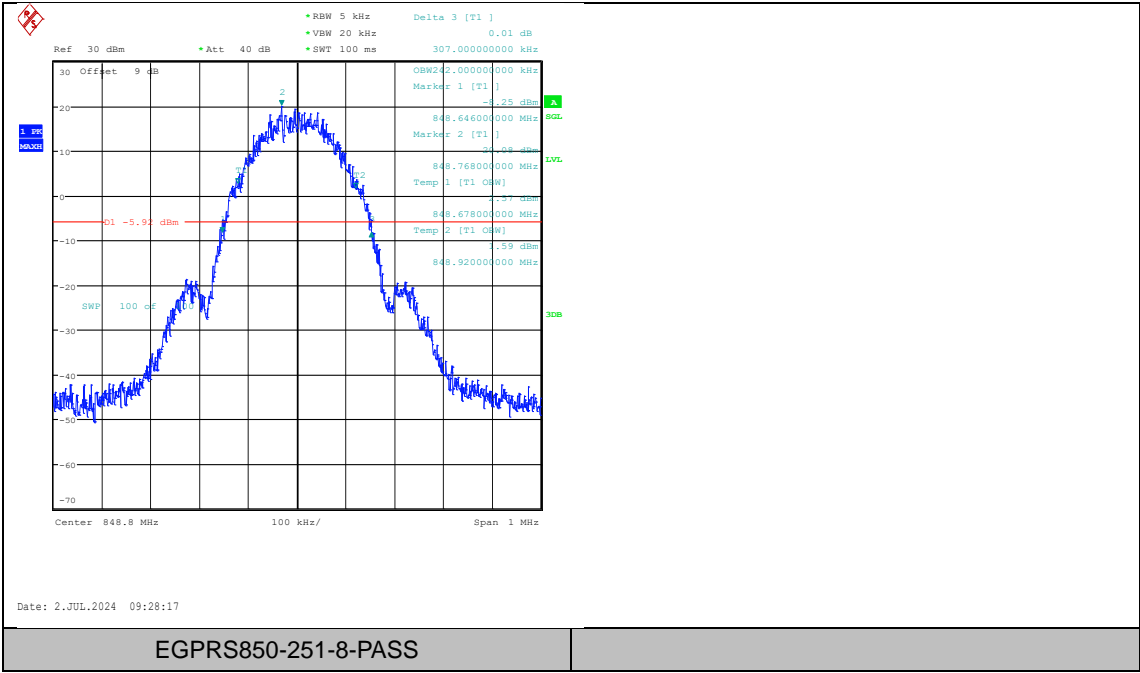
Date: 2.JUL.2024 09:27:39



Date: 2.JUL.2024 09:27:58

EGPRS850-128-8-PASS

EGPRS850-190-8-PASS

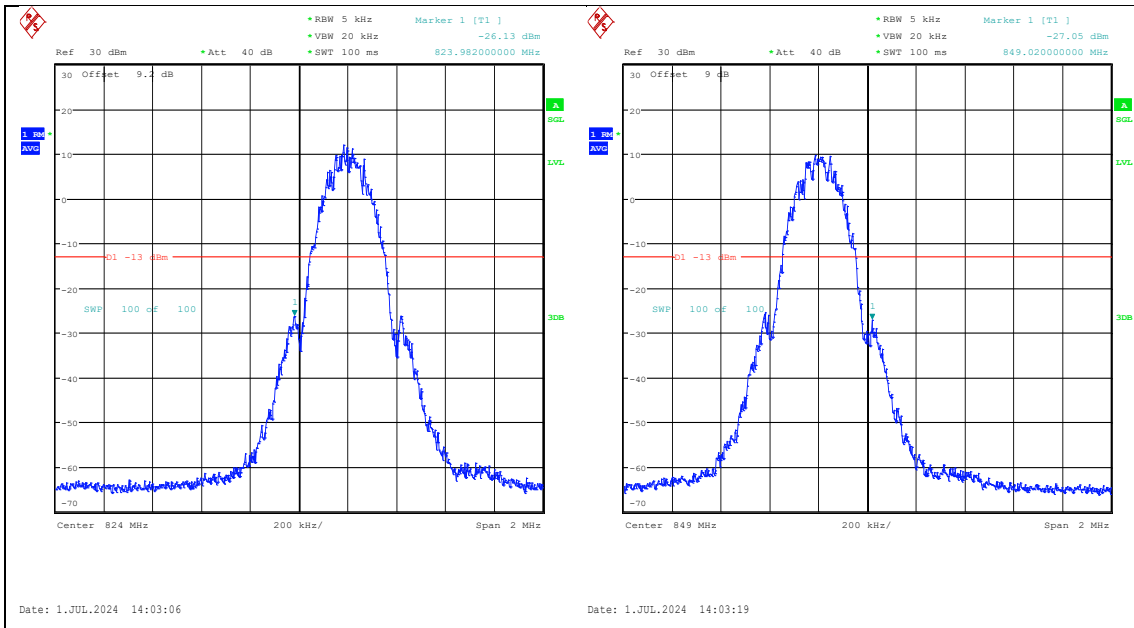


Appendix C: Band Edge

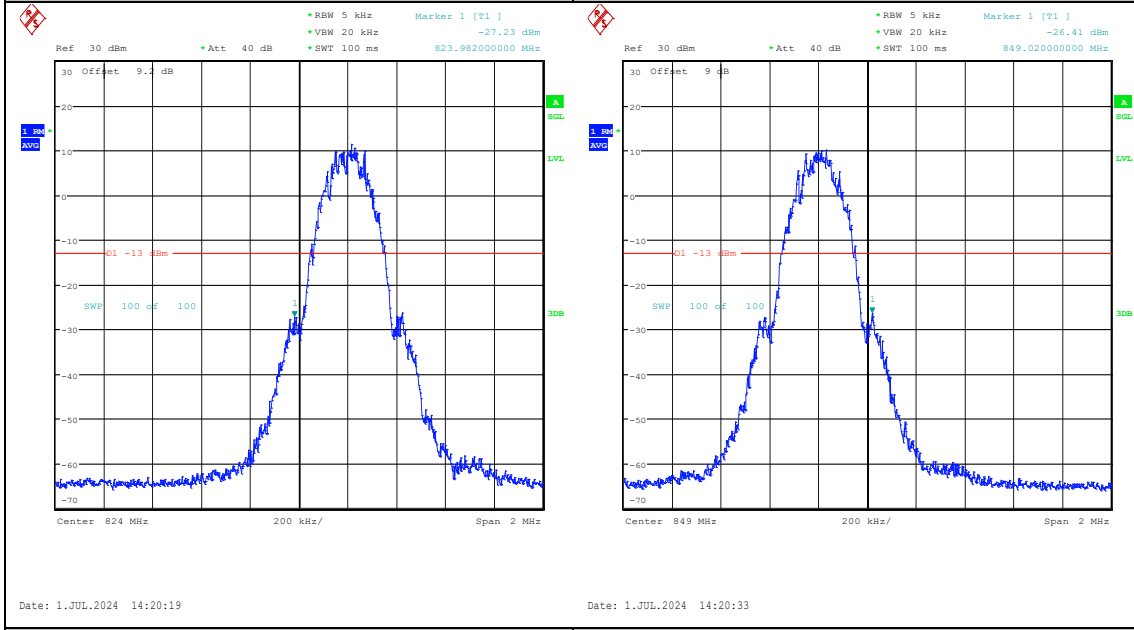
Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-26.13	-13	PASS
GSM850	251	849.02	-27.05	-13	PASS
GPRS850	128	823.98	-27.23	-13	PASS
GPRS850	251	849.02	-26.41	-13	PASS
EGPRS850	128	823.97	-33.50	-13	PASS
EGPRS850	251	849.03	-33.64	-13	PASS

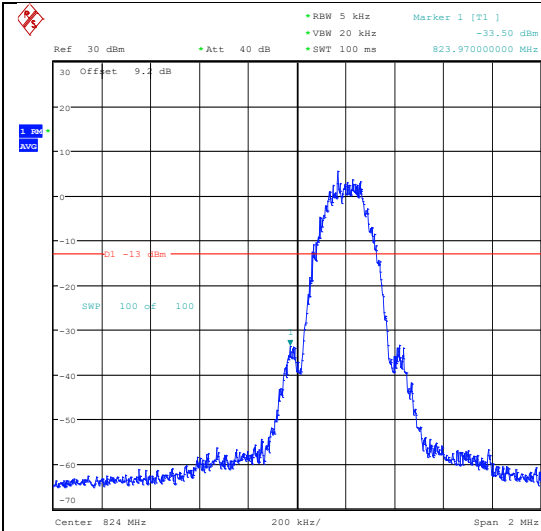
Test Graphs



GSM850-128-5-PASS **GSM850-251-5-PASS**

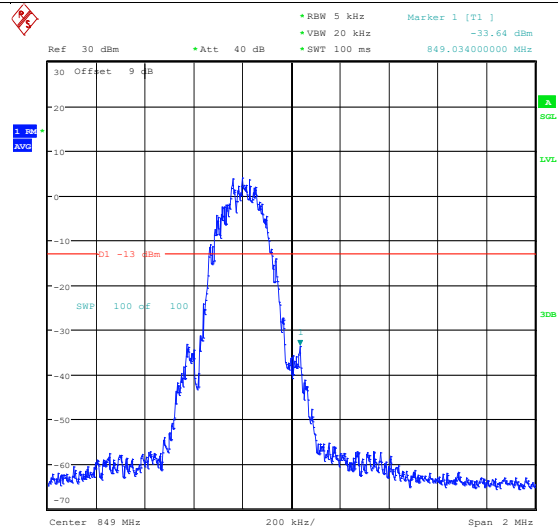


GPRS850-128-5-PASS **GPRS850-251-5-PASS**



Date: 2.JUL.2024 09:28:33

EGPRS850-128-8-PASS



Date: 2.JUL.2024 09:28:47

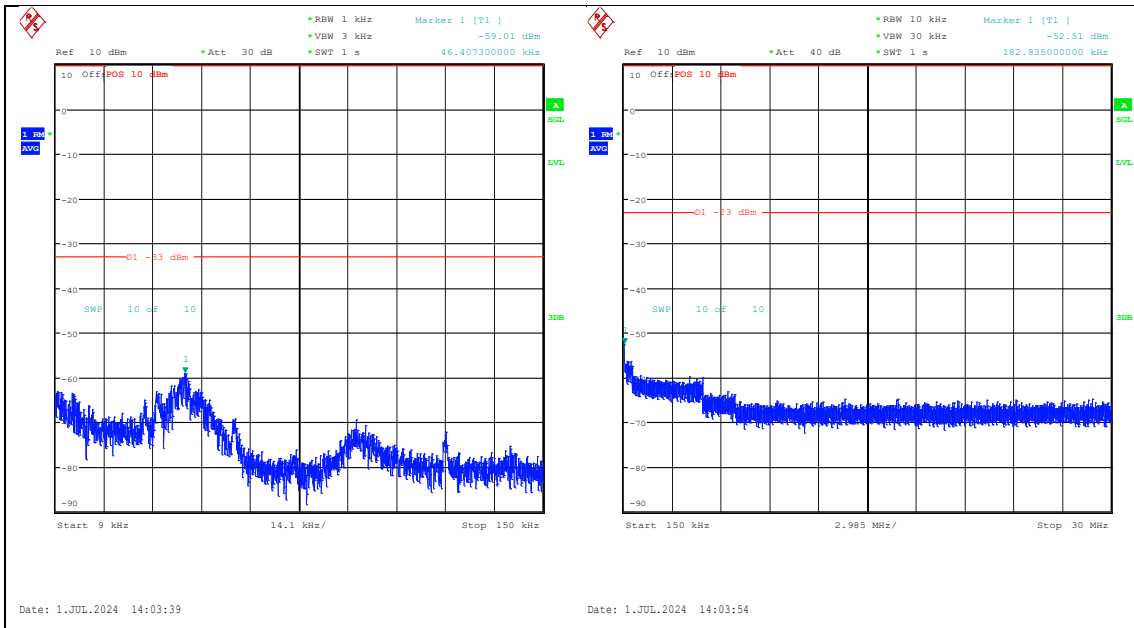
EGPRS850-251-8-PASS

Appendix D: Conducted Spurious Emission

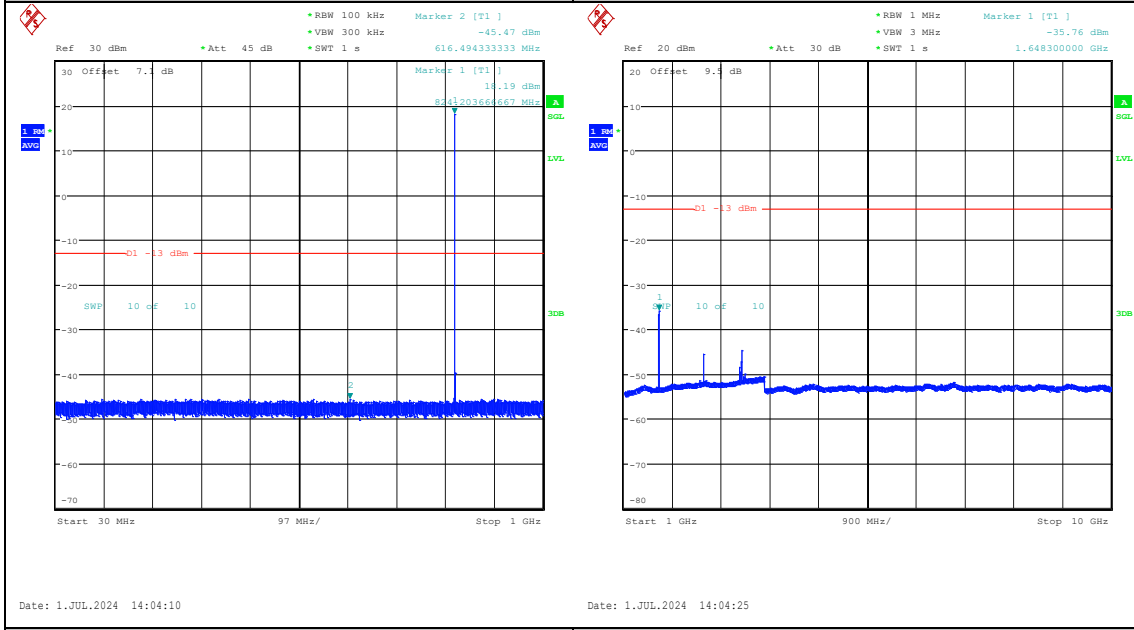
Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	0.009~0.15MHz	0.05	-59.01	-33	PASS
GSM850	128	0.15~30MHz	0.18	-52.51	-23	PASS
GSM850	128	30~1000MHz	616.49	-45.47	-13	PASS
GSM850	128	1000~10000MHz	1648.3	-35.76	-13	PASS
GSM850	190	0.009~0.15MHz	0.05	-58.99	-33	PASS
GSM850	190	0.15~30MHz	0.19	-52.32	-23	PASS
GSM850	190	30~1000MHz	306.45	-45.1	-13	PASS
GSM850	190	1000~10000MHz	1673.2	-30.95	-13	PASS
GSM850	251	0.009~0.15MHz	0.05	-57.71	-33	PASS
GSM850	251	0.15~30MHz	0.19	-52.6	-23	PASS
GSM850	251	30~1000MHz	281.17	-45.29	-13	PASS
GSM850	251	1000~10000MHz	1697.5	-31.28	-13	PASS
GPRS850	128	0.009~0.15MHz	0.05	-55.79	-33	PASS
GPRS850	128	0.15~30MHz	0.19	-52.88	-23	PASS
GPRS850	128	30~1000MHz	958.06	-45.2	-13	PASS
GPRS850	128	1000~10000MHz	1648.3	-32.7	-13	PASS
GPRS850	190	0.009~0.15MHz	0.06	-58.97	-33	PASS
GPRS850	190	0.15~30MHz	0.2	-53.77	-23	PASS
GPRS850	190	30~1000MHz	255.85	-45.38	-13	PASS
GPRS850	190	1000~10000MHz	1672.9	-35.96	-13	PASS
GPRS850	251	0.009~0.15MHz	0.06	-57.52	-33	PASS
GPRS850	251	0.15~30MHz	0.19	-51.83	-23	PASS
GPRS850	251	30~1000MHz	292.77	-45.36	-13	PASS
GPRS850	251	1000~10000MHz	1697.5	-32.87	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.05	-55.16	-33	PASS
EGPRS850	128	0.15~30MHz	0.16	-52.47	-23	PASS
EGPRS850	128	30~1000MHz	201.56	-45.01	-13	PASS
EGPRS850	128	1000~10000MHz	3160.6	-45.94	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.05	-54.91	-33	PASS
EGPRS850	190	0.15~30MHz	0.19	-52.56	-23	PASS
EGPRS850	190	30~1000MHz	482.96	-45.38	-13	PASS
EGPRS850	190	1000~10000MHz	1672.9	-44.18	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.06	-56.07	-33	PASS
EGPRS850	251	0.15~30MHz	0.17	-51.82	-23	PASS
EGPRS850	251	30~1000MHz	954.6	-45.17	-13	PASS
EGPRS850	251	1000~10000MHz	3157.3	-45.43	-13	PASS

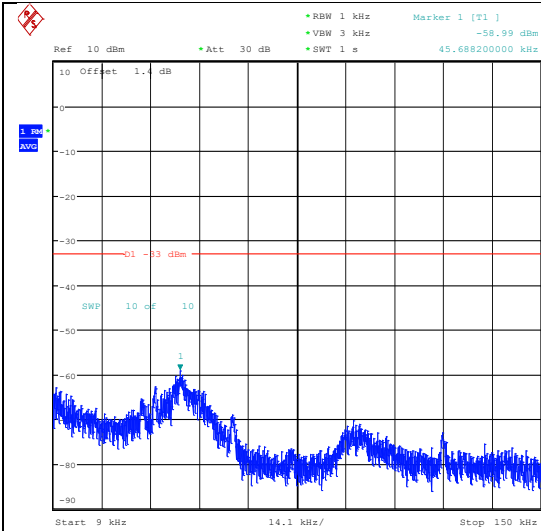
Test Graphs



GSM850-128-5-0.009~0.15MHz-PASS **GSM850-128-5-0.15~30MHz-PASS**

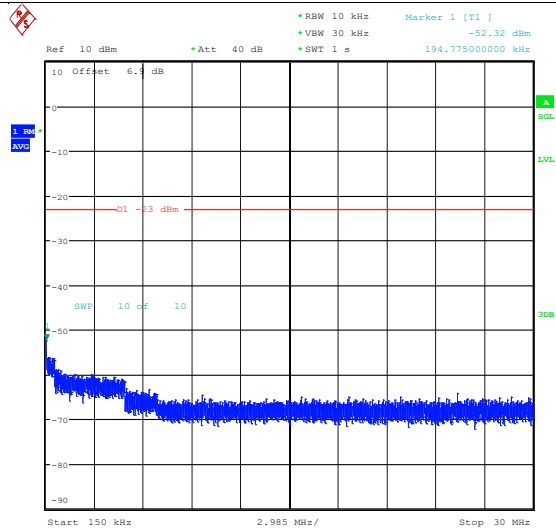


GSM850-128-5-30~1000MHz-PASS **GSM850-128-5-1000~10000MHz-PASS**



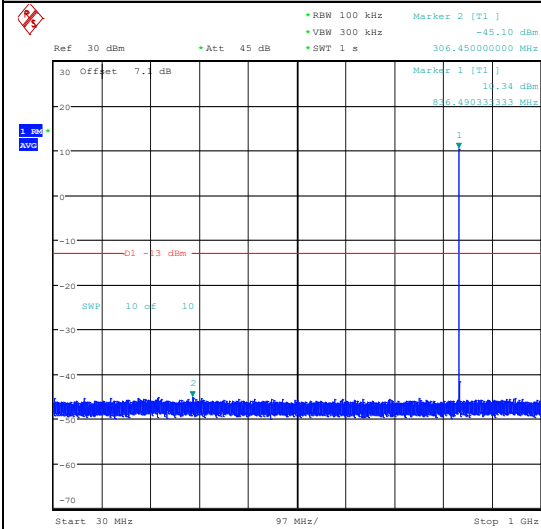
Date: 1.JUL.2024 14:04:42

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



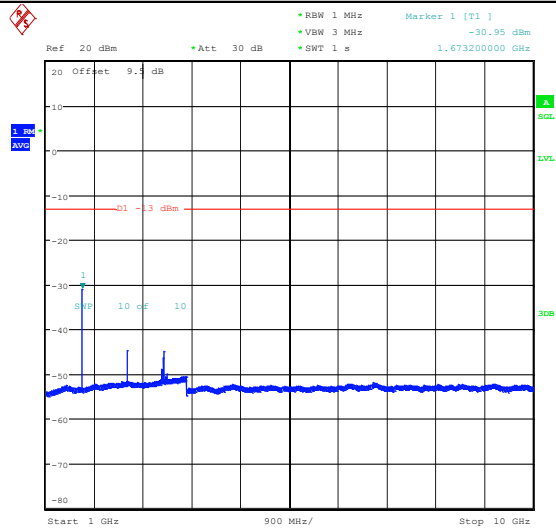
Date: 1.JUL.2024 14:04:58

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



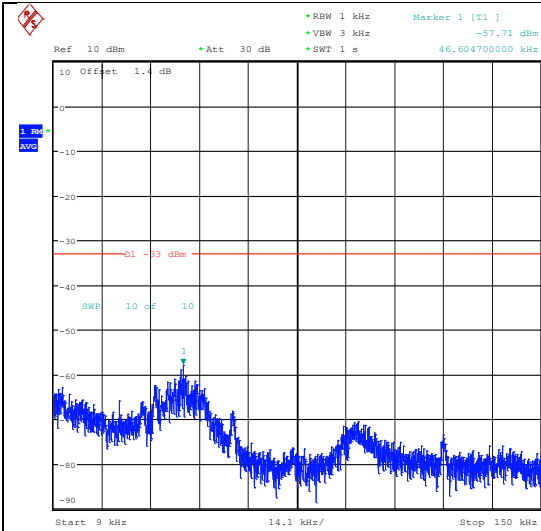
Date: 1.JUL.2024 14:05:13

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



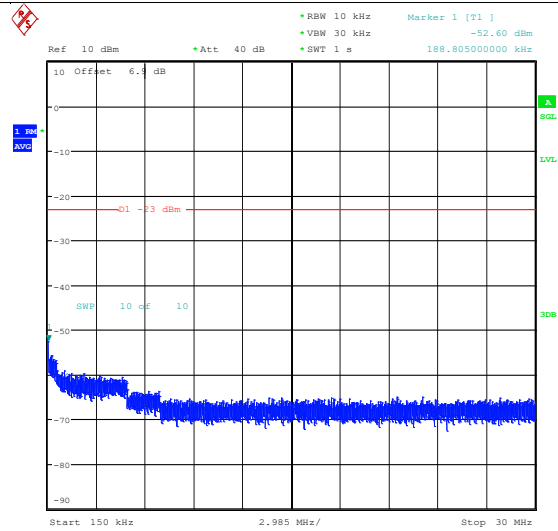
Date: 1.JUL.2024 14:05:28

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



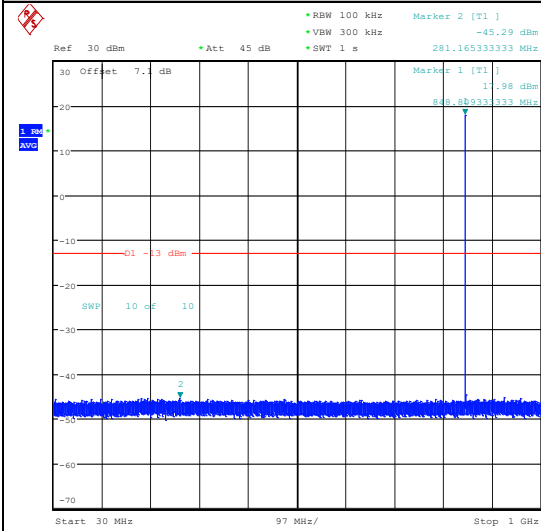
Date: 1.JUL.2024 14:05:45

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



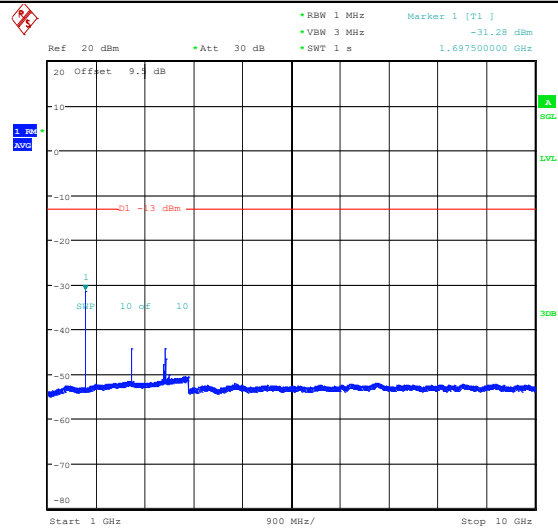
Date: 1.JUL.2024 14:06:01

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



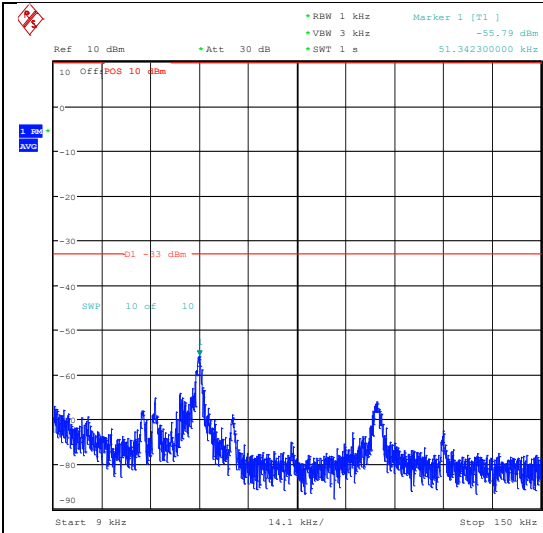
Date: 1.JUL.2024 14:06:16

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

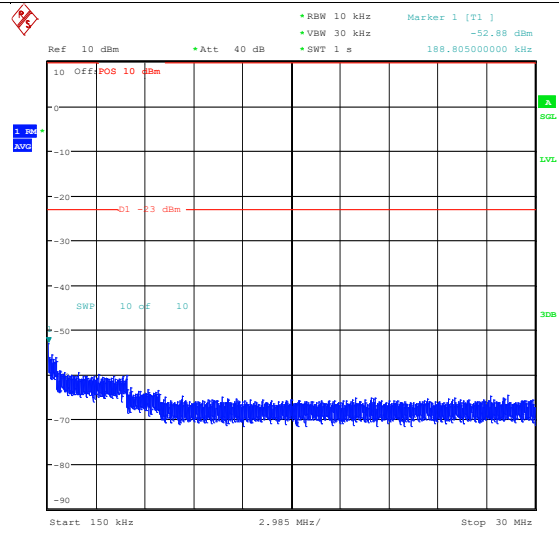


Date: 1.JUL.2024 14:06:31

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



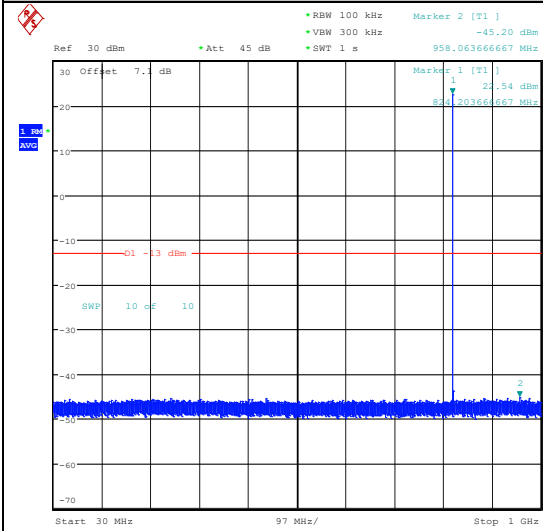
Date: 1.JUL.2024 14:20:50



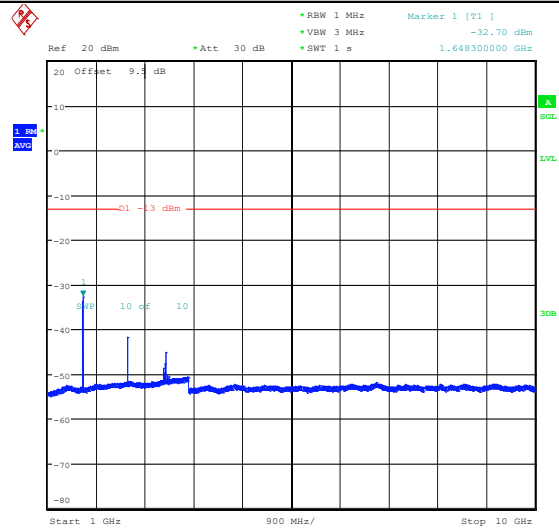
Date: 1.JUL.2024 14:21:05

GPRS850-128-5-0.009~0.15MHz-PASS

GPRS850-128-5-0.15~30MHz-PASS



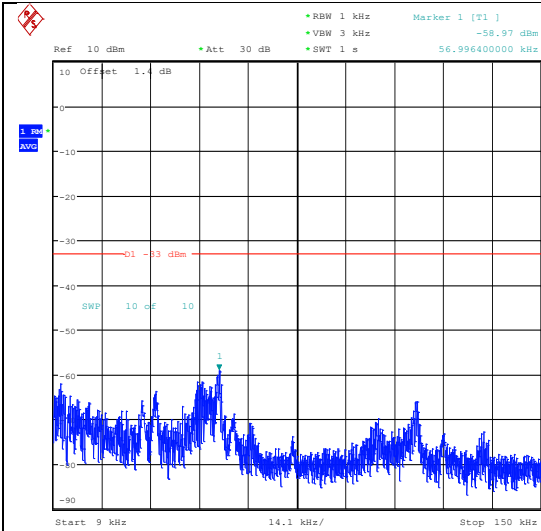
Date: 1.JUL.2024 14:21:20



Date: 1.JUL.2024 14:21:34

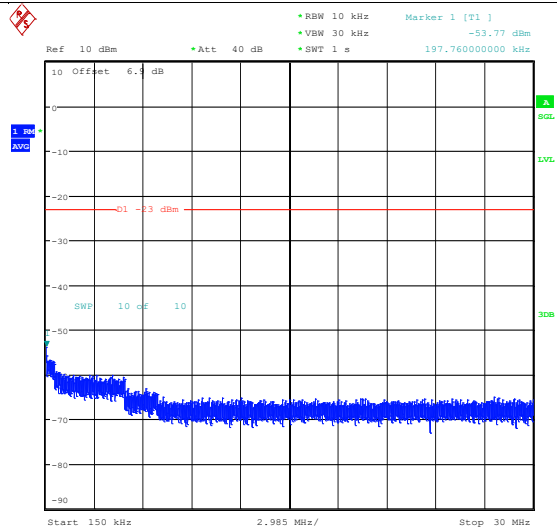
GPRS850-128-5-30~1000MHz-PASS

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



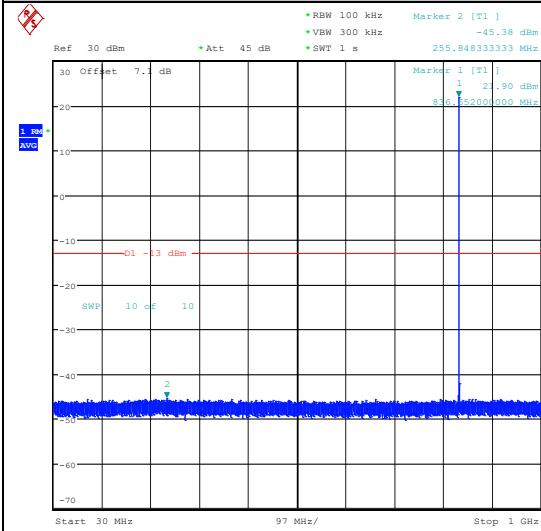
Date: 1.JUL.2024 14:21:49

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



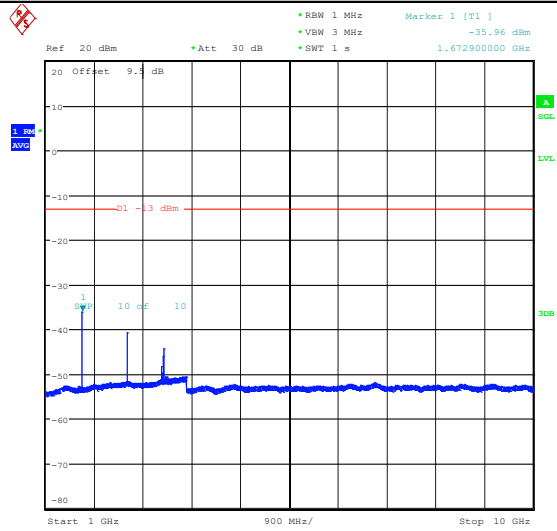
Date: 1.JUL.2024 14:22:03

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



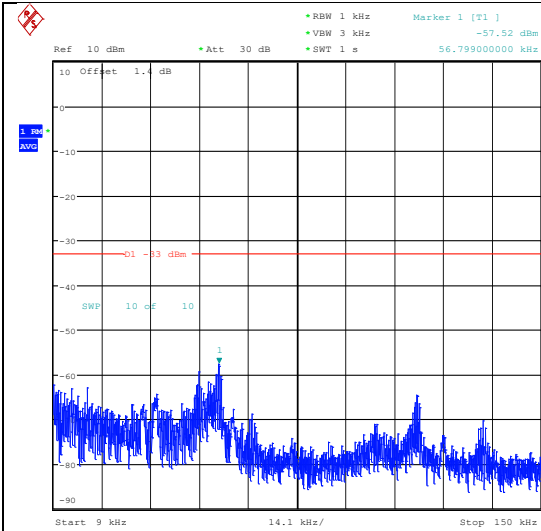
Date: 1.JUL.2024 14:22:18

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



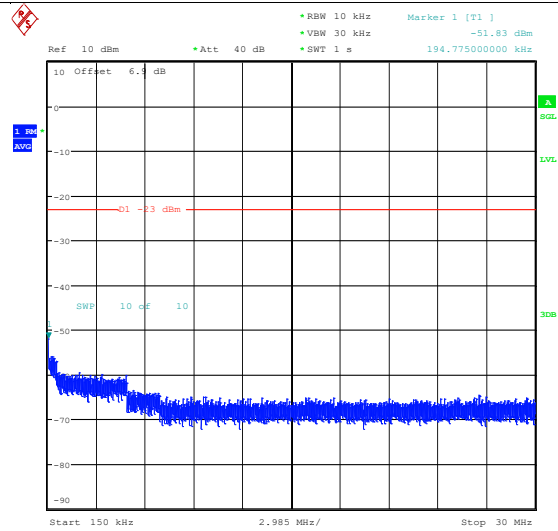
Date: 1.JUL.2024 14:22:33

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



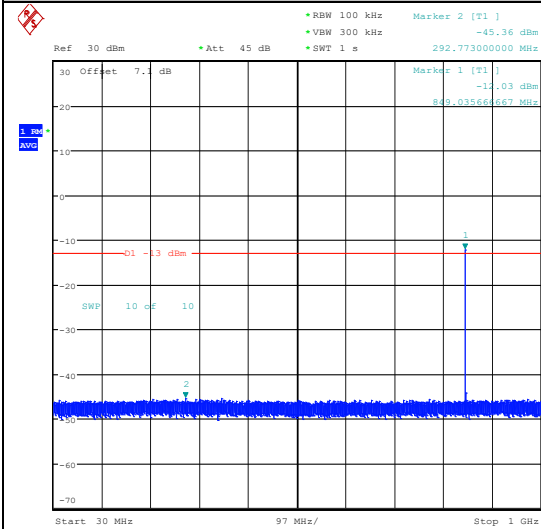
Date: 1.JUL.2024 14:22:48

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



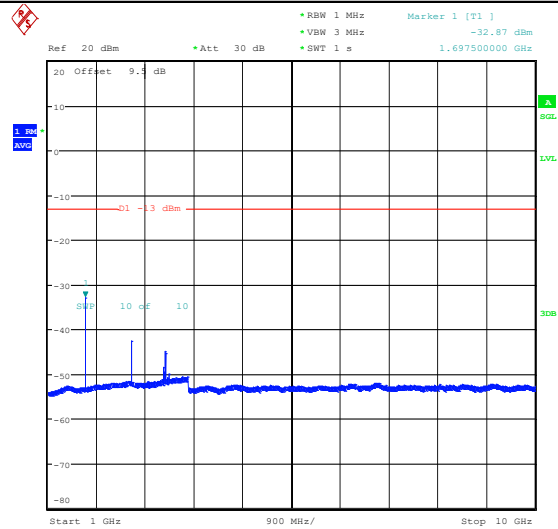
Date: 1.JUL.2024 14:23:02

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



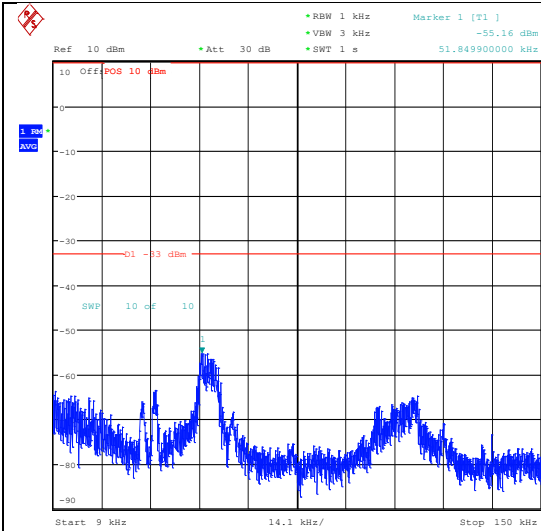
Date: 1.JUL.2024 14:23:17

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

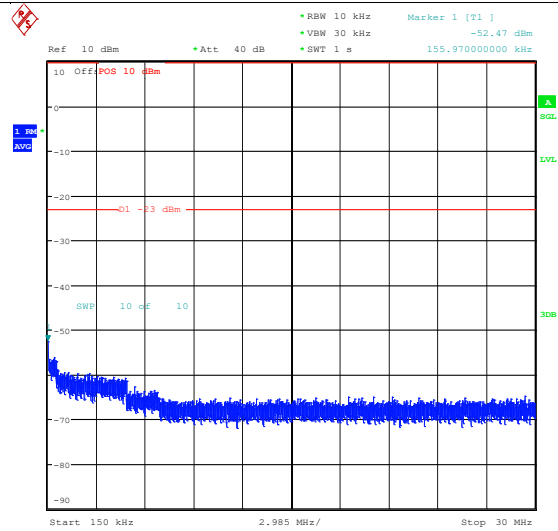


Date: 1.JUL.2024 14:23:31

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



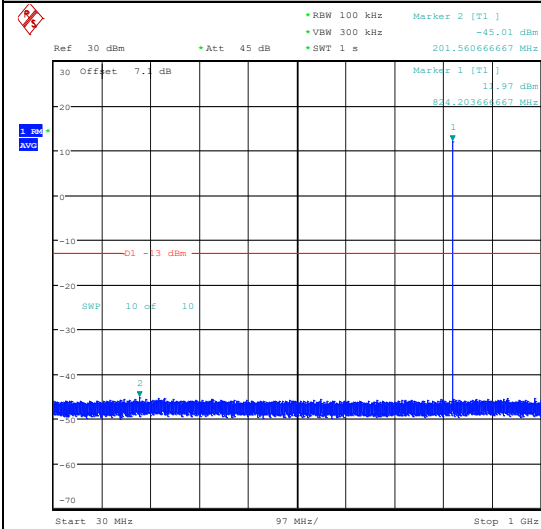
Date: 2.JUL.2024 09:29:05



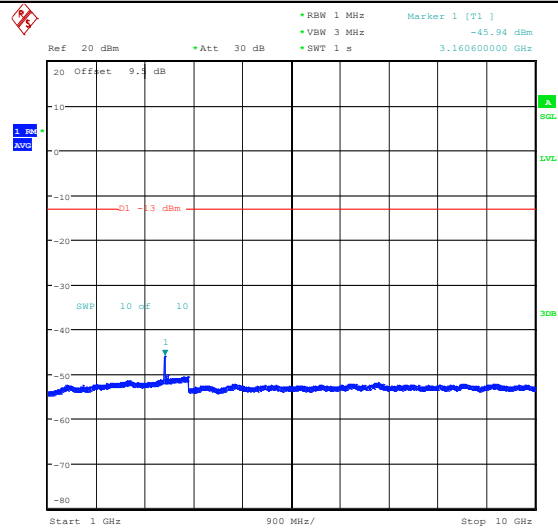
Date: 2.JUL.2024 09:29:20

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

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



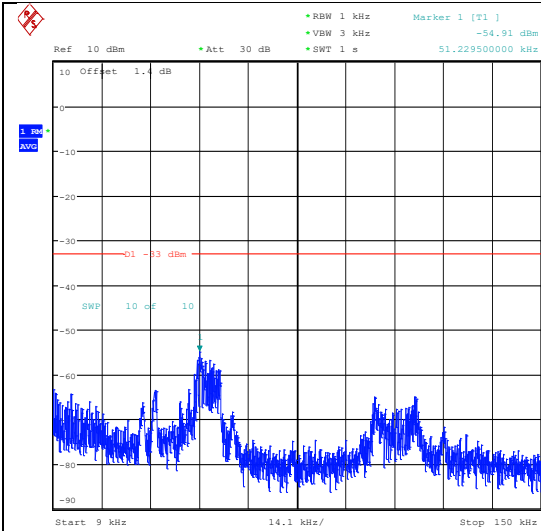
Date: 2.JUL.2024 09:29:35



Date: 2.JUL.2024 09:29:49

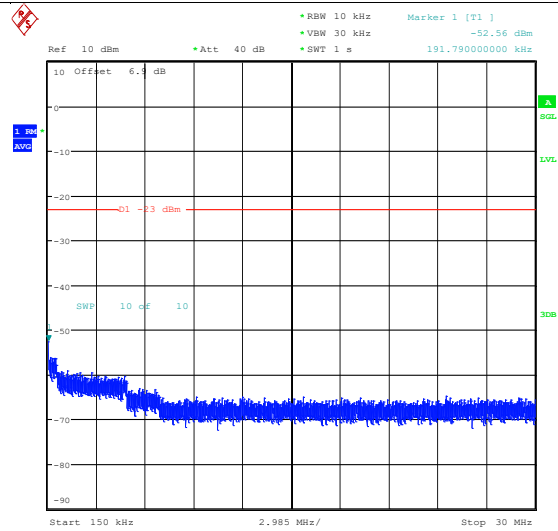
EGPRS850-128-8-30~1000MHz-PASS

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



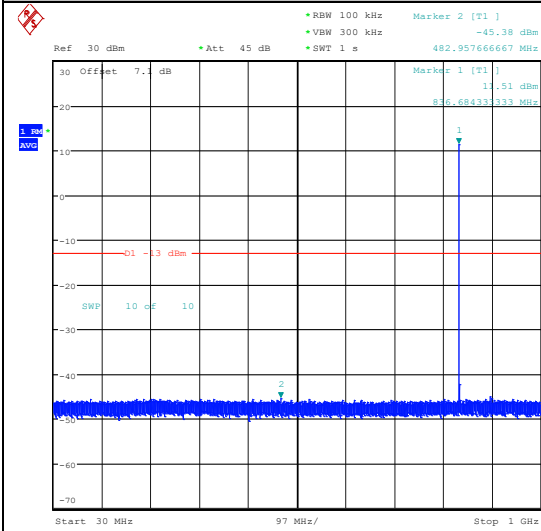
Date: 2.JUL.2024 09:30:04

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



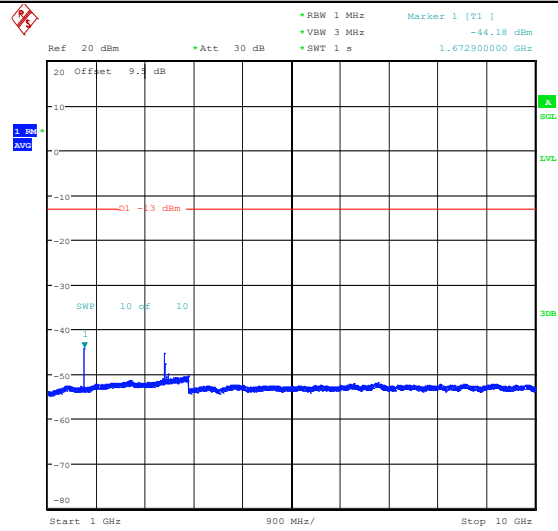
Date: 2.JUL.2024 09:30:19

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



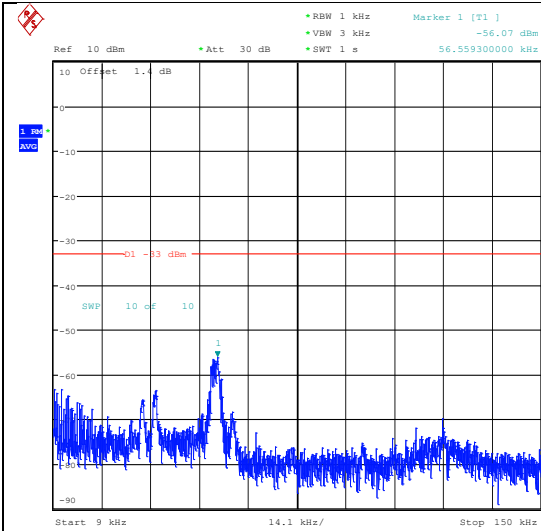
Date: 2.JUL.2024 09:30:34

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



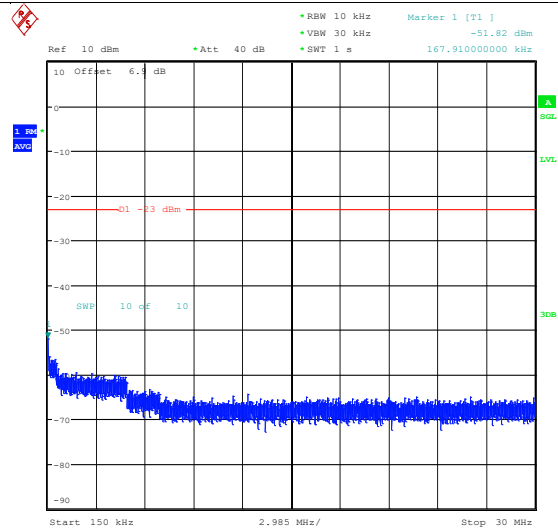
Date: 2.JUL.2024 09:30:48

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



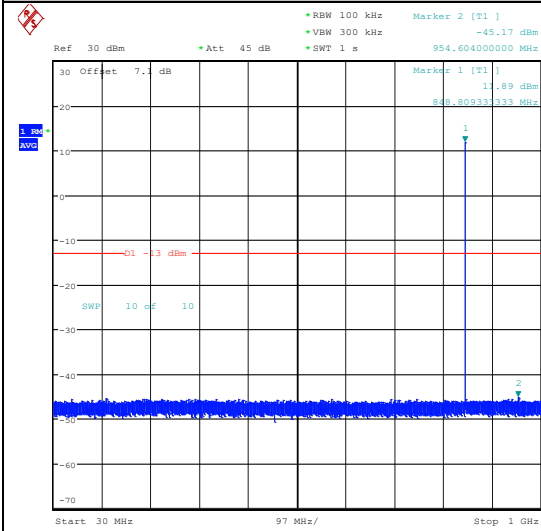
Date: 2.JUL.2024 09:31:03

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



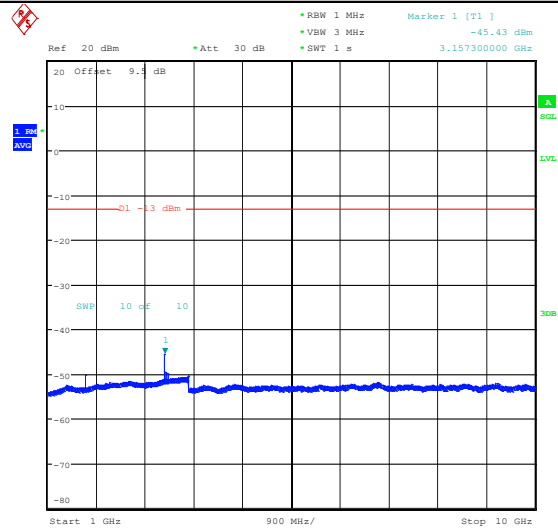
Date: 2.JUL.2024 09:31:18

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



Date: 2.JUL.2024 09:31:33

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



Date: 2.JUL.2024 09:31:47

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

Appendix E: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	NT	12.66	0.015360	±2.5	PASS
GSM850	128	VL	NT	4.04	0.004902	±2.5	PASS
GSM850	128	VH	NT	4.58	0.005557	±2.5	PASS
GSM850	190	VN	NT	11.62	0.013890	±2.5	PASS
GSM850	190	VL	NT	11.59	0.013854	±2.5	PASS
GSM850	190	VH	NT	9.52	0.011379	±2.5	PASS
GSM850	251	VN	NT	7.52	0.008860	±2.5	PASS
GSM850	251	VL	NT	8.68	0.010226	±2.5	PASS
GSM850	251	VH	NT	12.17	0.014338	±2.5	PASS
GPRS850	128	VN	NT	8.07	0.009791	±2.5	PASS
GPRS850	128	VL	NT	9.49	0.011514	±2.5	PASS
GPRS850	128	VH	NT	8.81	0.010689	±2.5	PASS
GPRS850	190	VN	NT	8.94	0.010686	±2.5	PASS
GPRS850	190	VL	NT	7.30	0.008726	±2.5	PASS
GPRS850	190	VH	NT	7.94	0.009491	±2.5	PASS
GPRS850	251	VN	NT	4.55	0.005361	±2.5	PASS
GPRS850	251	VL	NT	8.17	0.009625	±2.5	PASS
GPRS850	251	VH	NT	7.88	0.009284	±2.5	PASS
EGPRS850	128	VN	NT	7.26	0.008809	±2.5	PASS
EGPRS850	128	VL	NT	13.08	0.015870	±2.5	PASS
EGPRS850	128	VH	NT	8.78	0.010653	±2.5	PASS
EGPRS850	190	VN	NT	13.53	0.016173	±2.5	PASS
EGPRS850	190	VL	NT	10.17	0.012156	±2.5	PASS
EGPRS850	190	VH	NT	15.88	0.018982	±2.5	PASS
EGPRS850	251	VN	NT	6.17	0.007269	±2.5	PASS
EGPRS850	251	VL	NT	7.52	0.008860	±2.5	PASS
EGPRS850	251	VH	NT	8.68	0.010226	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	6.01	0.007292	±2.5	PASS
GSM850	128	NV	-20	10.01	0.012145	±2.5	PASS
GSM850	128	NV	-10	11.46	0.013904	±2.5	PASS

GSM850	128	NV	0	15.24	0.018491	±2.5	PASS
GSM850	128	NV	10	6.17	0.007486	±2.5	PASS
GSM850	128	NV	20	8.91	0.010810	±2.5	PASS
GSM850	128	NV	30	5.75	0.006976	±2.5	PASS
GSM850	128	NV	40	5.65	0.006855	±2.5	PASS
GSM850	128	NV	50	8.49	0.010301	±2.5	PASS
GSM850	190	NV	-30	11.14	0.013316	±2.5	PASS
GSM850	190	NV	-20	10.78	0.012885	±2.5	PASS
GSM850	190	NV	-10	9.59	0.011463	±2.5	PASS
GSM850	190	NV	0	7.14	0.008535	±2.5	PASS
GSM850	190	NV	10	12.27	0.014667	±2.5	PASS
GSM850	190	NV	20	7.81	0.009335	±2.5	PASS
GSM850	190	NV	30	12.85	0.015360	±2.5	PASS
GSM850	190	NV	40	14.17	0.016938	±2.5	PASS
GSM850	190	NV	50	14.27	0.017057	±2.5	PASS
GSM850	251	NV	-30	15.79	0.018603	±2.5	PASS
GSM850	251	NV	-20	13.20	0.015551	±2.5	PASS
GSM850	251	NV	-10	9.81	0.011557	±2.5	PASS
GSM850	251	NV	0	6.59	0.007764	±2.5	PASS
GSM850	251	NV	10	15.24	0.017955	±2.5	PASS
GSM850	251	NV	20	13.75	0.016199	±2.5	PASS
GSM850	251	NV	30	12.62	0.014868	±2.5	PASS
GSM850	251	NV	40	15.08	0.017766	±2.5	PASS
GSM850	251	NV	50	17.11	0.020158	±2.5	PASS
GPRS850	128	NV	-30	5.55	0.006734	±2.5	PASS
GPRS850	128	NV	-20	12.37	0.015008	±2.5	PASS
GPRS850	128	NV	-10	5.33	0.006467	±2.5	PASS
GPRS850	128	NV	0	7.65	0.009282	±2.5	PASS
GPRS850	128	NV	10	8.75	0.010616	±2.5	PASS
GPRS850	128	NV	20	8.68	0.010531	±2.5	PASS
GPRS850	128	NV	30	12.20	0.014802	±2.5	PASS
GPRS850	128	NV	40	7.62	0.009245	±2.5	PASS
GPRS850	128	NV	50	7.97	0.009670	±2.5	PASS
GPRS850	190	NV	-30	8.07	0.009646	±2.5	PASS
GPRS850	190	NV	-20	6.88	0.008224	±2.5	PASS
GPRS850	190	NV	-10	4.68	0.005594	±2.5	PASS
GPRS850	190	NV	0	4.36	0.005212	±2.5	PASS
GPRS850	190	NV	10	7.75	0.009264	±2.5	PASS
GPRS850	190	NV	20	6.30	0.007530	±2.5	PASS
GPRS850	190	NV	30	12.14	0.014511	±2.5	PASS
GPRS850	190	NV	40	11.91	0.014236	±2.5	PASS

GPRS850	190	NV	50	10.40	0.012431	±2.5	PASS
GPRS850	251	NV	-30	10.94	0.012889	±2.5	PASS
GPRS850	251	NV	-20	9.30	0.010957	±2.5	PASS
GPRS850	251	NV	-10	6.07	0.007151	±2.5	PASS
GPRS850	251	NV	0	7.94	0.009354	±2.5	PASS
GPRS850	251	NV	10	6.04	0.007116	±2.5	PASS
GPRS850	251	NV	20	9.56	0.011263	±2.5	PASS
GPRS850	251	NV	30	9.65	0.011369	±2.5	PASS
GPRS850	251	NV	40	12.07	0.014220	±2.5	PASS
GPRS850	251	NV	50	7.65	0.009013	±2.5	PASS
EGPRS850	128	NV	-30	7.17	0.008699	±2.5	PASS
EGPRS850	128	NV	-20	11.78	0.014293	±2.5	PASS
EGPRS850	128	NV	-10	10.04	0.012182	±2.5	PASS
EGPRS850	128	NV	0	10.69	0.012970	±2.5	PASS
EGPRS850	128	NV	10	9.43	0.011441	±2.5	PASS
EGPRS850	128	NV	20	11.07	0.013431	±2.5	PASS
EGPRS850	128	NV	30	11.98	0.014535	±2.5	PASS
EGPRS850	128	NV	40	12.91	0.015664	±2.5	PASS
EGPRS850	128	NV	50	11.27	0.013674	±2.5	PASS
EGPRS850	190	NV	-30	16.14	0.019292	±2.5	PASS
EGPRS850	190	NV	-20	12.20	0.014583	±2.5	PASS
EGPRS850	190	NV	-10	10.49	0.012539	±2.5	PASS
EGPRS850	190	NV	0	7.72	0.009228	±2.5	PASS
EGPRS850	190	NV	10	7.49	0.008953	±2.5	PASS
EGPRS850	190	NV	20	7.14	0.008535	±2.5	PASS
EGPRS850	190	NV	30	8.20	0.009802	±2.5	PASS
EGPRS850	190	NV	40	11.24	0.013435	±2.5	PASS
EGPRS850	190	NV	50	10.98	0.013125	±2.5	PASS
EGPRS850	251	NV	-30	10.27	0.012099	±2.5	PASS
EGPRS850	251	NV	-20	7.43	0.008754	±2.5	PASS
EGPRS850	251	NV	-10	9.01	0.010615	±2.5	PASS
EGPRS850	251	NV	0	13.66	0.016093	±2.5	PASS
EGPRS850	251	NV	10	12.07	0.014220	±2.5	PASS
EGPRS850	251	NV	20	4.88	0.005749	±2.5	PASS
EGPRS850	251	NV	30	8.68	0.010226	±2.5	PASS
EGPRS850	251	NV	40	9.17	0.010803	±2.5	PASS
EGPRS850	251	NV	50	7.49	0.008824	±2.5	PASS