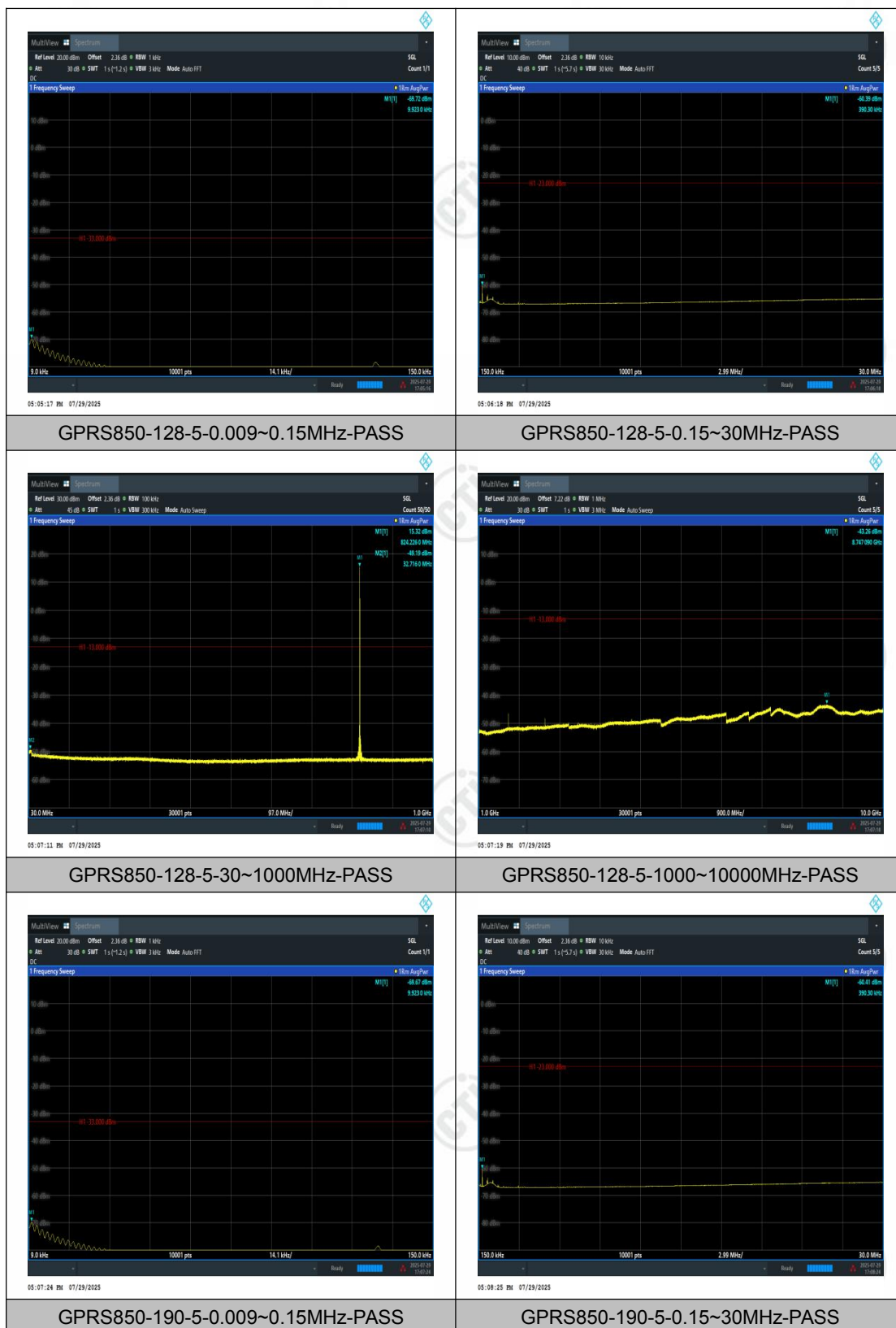
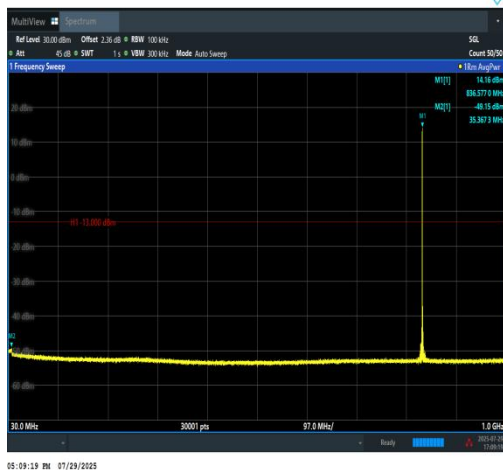
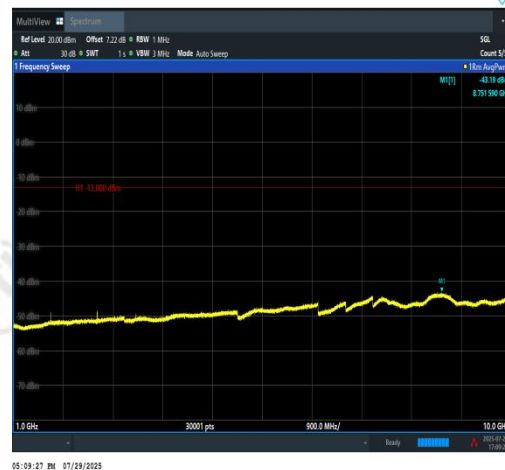


Test Graphs





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



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



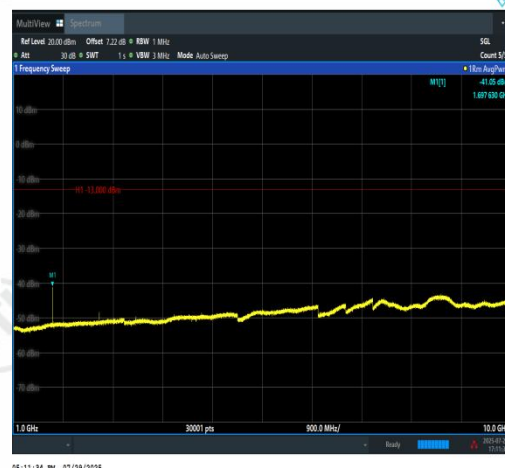
GPRS850-251-5-0.009~0.15MHz-PASS



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



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

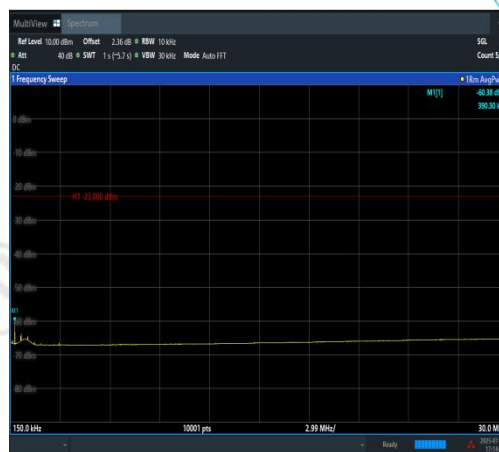


GPRS850-251-5-1000~10000MHz-PASS



05:13:39 PM 07/29/2025

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



05:14:40 PM 07/29/2025

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



05:15:34 PM 07/29/2025

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



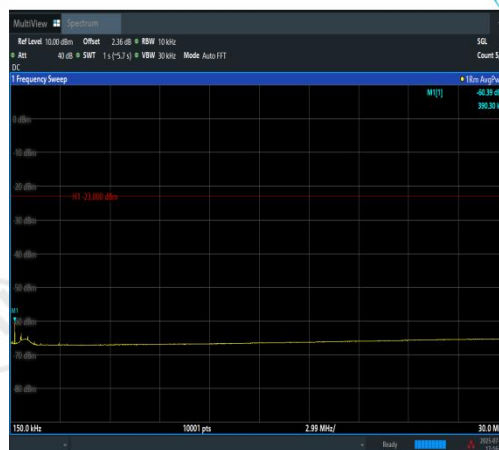
05:15:42 PM 07/29/2025

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



05:15:47 PM 07/29/2025

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

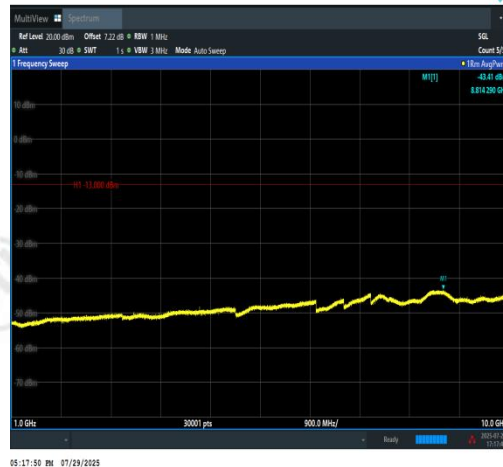


05:16:49 PM 07/29/2025

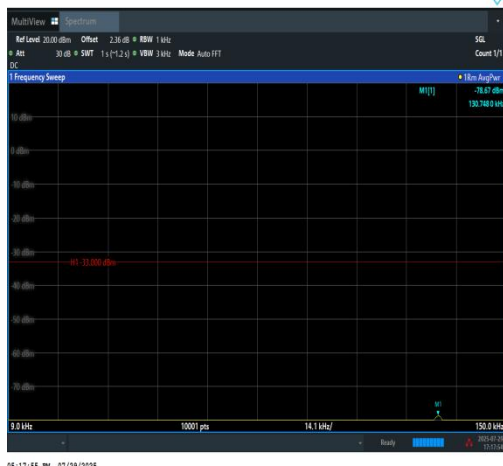
EGPRS850-190-8-0.15~30MHz-PASS



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



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



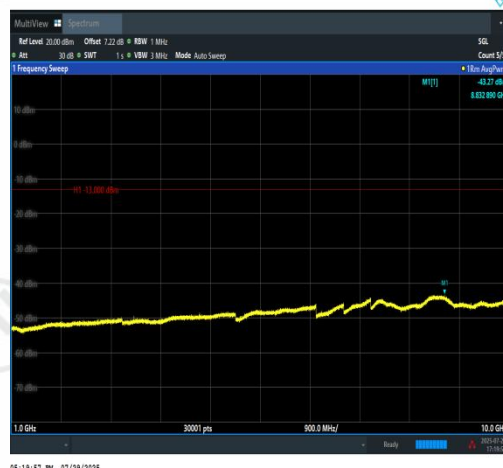
EGPRS850-251-8-0.009~0.15MHz-PASS



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



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



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





05:25:37 PM 07/29/2025

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



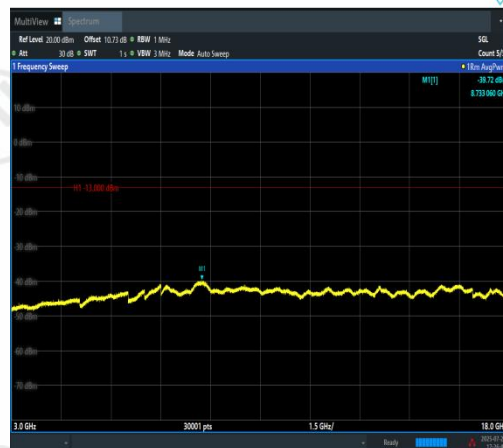
05:25:44 PM 07/29/2025

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



05:26:38 PM 07/29/2025

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



05:26:46 PM 07/29/2025

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



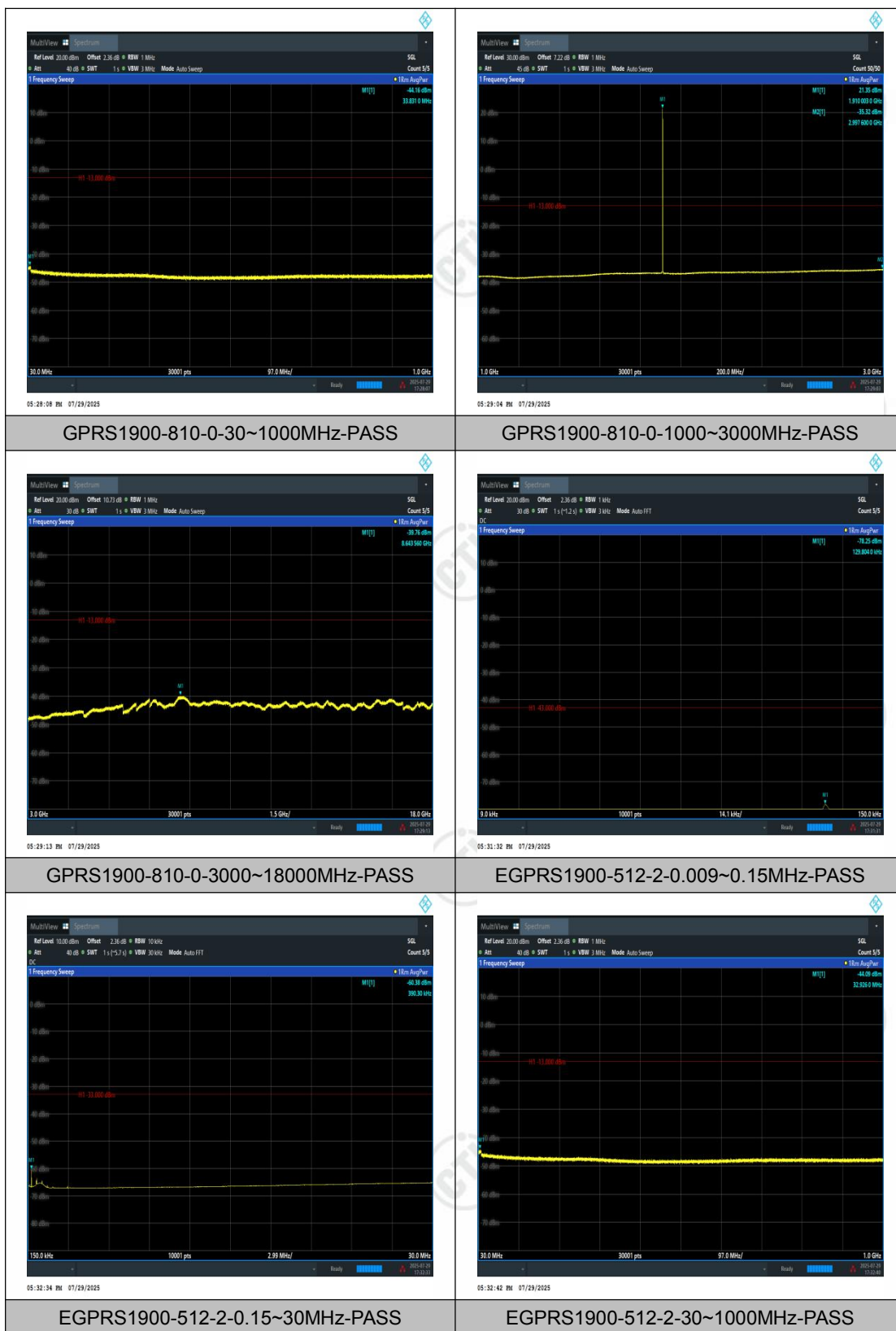
05:26:56 PM 07/29/2025

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



05:27:59 PM 07/29/2025

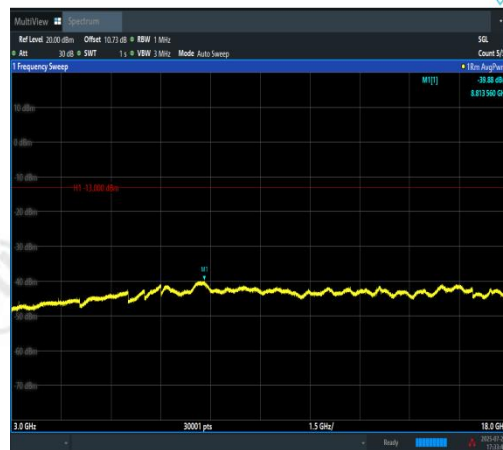
GPRS1900-810-0-0.15~30MHz-PASS





05:33:35 PM 07/29/2025

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



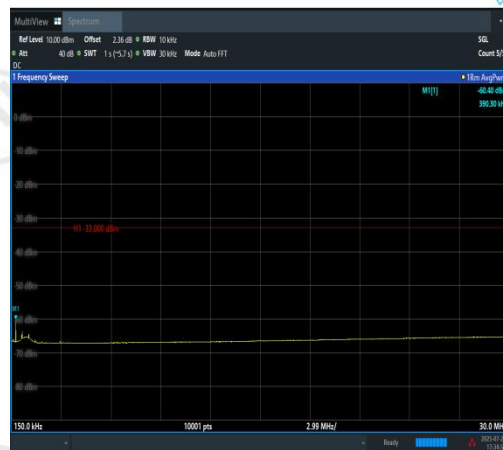
05:33:43 PM 07/29/2025

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



05:33:53 PM 07/29/2025

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



05:34:55 PM 07/29/2025

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



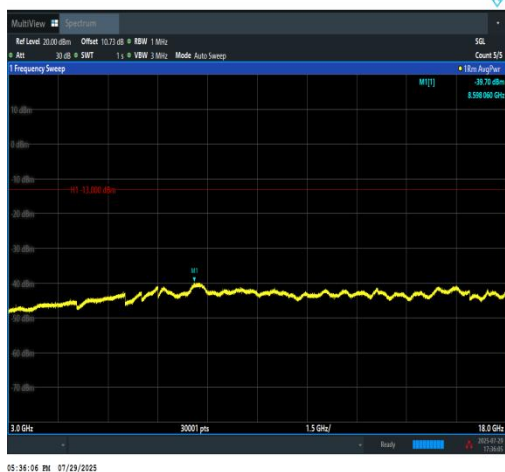
05:35:03 PM 07/29/2025

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

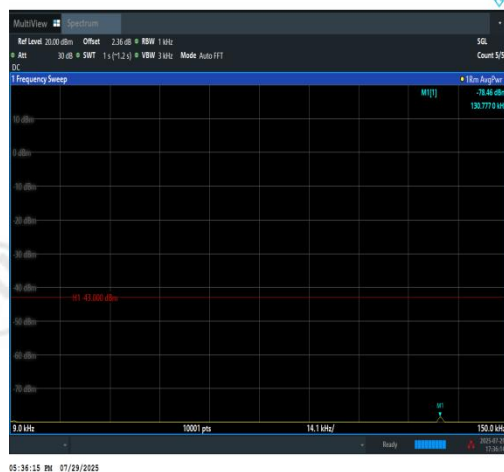


05:35:58 PM 07/29/2025

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



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



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



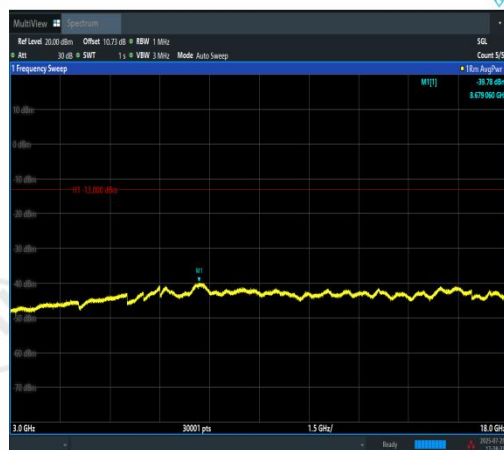
EGPRS1900-810-2-0.15~30MHz-PASS



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



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



EGPRS1900-810-2-3000~18000MHz-PASS

Appendix F: Frequency Stability**Test Result**

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	VN	NT	2.91	0.003531	±2.5	PASS
GPRS850	128	VL	NT	4.00	0.004853	±2.5	PASS
GPRS850	128	VH	NT	3.75	0.004550	±2.5	PASS
GPRS850	190	VN	NT	5.13	0.006132	±2.5	PASS
GPRS850	190	VL	NT	1.65	0.001972	±2.5	PASS
GPRS850	190	VH	NT	5.39	0.006443	±2.5	PASS
GPRS850	251	VN	NT	3.62	0.004265	±2.5	PASS
GPRS850	251	VL	NT	3.78	0.004453	±2.5	PASS
GPRS850	251	VH	NT	6.59	0.007764	±2.5	PASS
EGPRS850	128	VN	NT	-1.16	-0.001407	±2.5	PASS
EGPRS850	128	VL	NT	-0.03	-0.000036	±2.5	PASS
EGPRS850	128	VH	NT	3.58	0.004344	±2.5	PASS
EGPRS850	190	VN	NT	1.13	0.001351	±2.5	PASS
EGPRS850	190	VL	NT	1.10	0.001315	±2.5	PASS
EGPRS850	190	VH	NT	0.94	0.001124	±2.5	PASS
EGPRS850	251	VN	NT	1.07	0.001261	±2.5	PASS
EGPRS850	251	VL	NT	2.07	0.002439	±2.5	PASS
EGPRS850	251	VH	NT	2.39	0.002816	±2.5	PASS
GPRS1900	512	VN	NT	1350.00	0.729651	±2.5	PASS
GPRS1900	512	VL	NT	500.00	0.270241	±2.5	PASS
GPRS1900	512	VH	NT	600.00	0.324289	±2.5	PASS
GPRS1900	661	VN	NT	800.00	0.425532	±2.5	PASS
GPRS1900	661	VL	NT	850.00	0.452128	±2.5	PASS
GPRS1900	661	VH	NT	300.00	0.159574	±2.5	PASS
GPRS1900	810	VN	NT	550.00	0.287988	±2.5	PASS
GPRS1900	810	VL	NT	1800.00	0.942507	±2.5	PASS
GPRS1900	810	VH	NT	900.00	0.471254	±2.5	PASS
EGPRS1900	512	VN	NT	1200.00	0.648579	±2.5	PASS
EGPRS1900	512	VL	NT	400.00	0.216193	±2.5	PASS
EGPRS1900	512	VH	NT	-1050.00	-0.567506	±2.5	PASS
EGPRS1900	661	VN	NT	-900.00	-0.478723	±2.5	PASS
EGPRS1900	661	VL	NT	-750.00	-0.398936	±2.5	PASS
EGPRS1900	661	VH	NT	100.00	0.053191	±2.5	PASS

EGPRS1900	810	VN	NT	400.00	0.209446	±2.5	PASS
EGPRS1900	810	VL	NT	850.00	0.445073	±2.5	PASS
EGPRS1900	810	VH	NT	1800.00	0.942507	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	NV	-30	2.94	0.003567	±2.5	PASS
GPRS850	128	NV	-20	2.10	0.002548	±2.5	PASS
GPRS850	128	NV	-10	6.10	0.007401	±2.5	PASS
GPRS850	128	NV	0	2.84	0.003446	±2.5	PASS
GPRS850	128	NV	10	4.46	0.005411	±2.5	PASS
GPRS850	128	NV	20	6.97	0.008457	±2.5	PASS
GPRS850	128	NV	30	3.81	0.004623	±2.5	PASS
GPRS850	128	NV	40	4.78	0.005800	±2.5	PASS
GPRS850	128	NV	50	7.20	0.008736	±2.5	PASS
GPRS850	190	NV	-30	4.36	0.005212	±2.5	PASS
GPRS850	190	NV	-20	3.75	0.004482	±2.5	PASS
GPRS850	190	NV	-10	6.52	0.007793	±2.5	PASS
GPRS850	190	NV	0	5.75	0.006873	±2.5	PASS
GPRS850	190	NV	10	4.91	0.005869	±2.5	PASS
GPRS850	190	NV	20	3.75	0.004482	±2.5	PASS
GPRS850	190	NV	30	1.74	0.002080	±2.5	PASS
GPRS850	190	NV	40	3.29	0.003933	±2.5	PASS
GPRS850	190	NV	50	3.97	0.004745	±2.5	PASS
GPRS850	251	NV	-30	4.55	0.005361	±2.5	PASS
GPRS850	251	NV	-20	3.75	0.004418	±2.5	PASS
GPRS850	251	NV	-10	3.45	0.004065	±2.5	PASS
GPRS850	251	NV	0	3.68	0.004336	±2.5	PASS
GPRS850	251	NV	10	3.97	0.004677	±2.5	PASS
GPRS850	251	NV	20	5.07	0.005973	±2.5	PASS
GPRS850	251	NV	30	4.52	0.005325	±2.5	PASS
GPRS850	251	NV	40	3.03	0.003570	±2.5	PASS
GPRS850	251	NV	50	3.39	0.003994	±2.5	PASS
EGPRS850	128	NV	-30	4.55	0.005521	±2.5	PASS
EGPRS850	128	NV	-20	3.03	0.003676	±2.5	PASS
EGPRS850	128	NV	-10	3.10	0.003761	±2.5	PASS
EGPRS850	128	NV	0	1.23	0.001492	±2.5	PASS
EGPRS850	128	NV	10	-0.74	-0.000898	±2.5	PASS
EGPRS850	128	NV	20	-0.32	-0.000388	±2.5	PASS

EGPRS850	128	NV	30	2.36	0.002863	±2.5	PASS
EGPRS850	128	NV	40	2.13	0.002584	±2.5	PASS
EGPRS850	128	NV	50	-0.55	-0.000667	±2.5	PASS
EGPRS850	190	NV	-30	-1.81	-0.002164	±2.5	PASS
EGPRS850	190	NV	-20	2.62	0.003132	±2.5	PASS
EGPRS850	190	NV	-10	0.87	0.001040	±2.5	PASS
EGPRS850	190	NV	0	0.03	0.000036	±2.5	PASS
EGPRS850	190	NV	10	1.87	0.002235	±2.5	PASS
EGPRS850	190	NV	20	2.16	0.002582	±2.5	PASS
EGPRS850	190	NV	30	0.39	0.000466	±2.5	PASS
EGPRS850	190	NV	40	0.32	0.000383	±2.5	PASS
EGPRS850	190	NV	50	0.77	0.000920	±2.5	PASS
EGPRS850	251	NV	-30	0.23	0.000271	±2.5	PASS
EGPRS850	251	NV	-20	2.32	0.002733	±2.5	PASS
EGPRS850	251	NV	-10	1.84	0.002168	±2.5	PASS
EGPRS850	251	NV	0	0.84	0.000990	±2.5	PASS
EGPRS850	251	NV	10	3.94	0.004642	±2.5	PASS
EGPRS850	251	NV	20	2.65	0.003122	±2.5	PASS
EGPRS850	251	NV	30	3.71	0.004371	±2.5	PASS
EGPRS850	251	NV	40	0.74	0.000872	±2.5	PASS
EGPRS850	251	NV	50	2.94	0.003464	±2.5	PASS
GPRS1900	512	NV	-30	200.00	0.108096	±2.5	PASS
GPRS1900	512	NV	-20	0.00	0.000000	±2.5	PASS
GPRS1900	512	NV	-10	100.00	0.054048	±2.5	PASS
GPRS1900	512	NV	0	750.00	0.405362	±2.5	PASS
GPRS1900	512	NV	10	-300.00	-0.162145	±2.5	PASS
GPRS1900	512	NV	20	150.00	0.081072	±2.5	PASS
GPRS1900	512	NV	30	550.00	0.297265	±2.5	PASS
GPRS1900	512	NV	40	700.00	0.378337	±2.5	PASS
GPRS1900	512	NV	50	150.00	0.081072	±2.5	PASS
GPRS1900	661	NV	-30	650.00	0.345745	±2.5	PASS
GPRS1900	661	NV	-20	-50.00	-0.026596	±2.5	PASS
GPRS1900	661	NV	-10	800.00	0.425532	±2.5	PASS
GPRS1900	661	NV	0	-550.00	-0.292553	±2.5	PASS
GPRS1900	661	NV	10	900.00	0.478723	±2.5	PASS
GPRS1900	661	NV	20	350.00	0.186170	±2.5	PASS
GPRS1900	661	NV	30	350.00	0.186170	±2.5	PASS
GPRS1900	661	NV	40	800.00	0.425532	±2.5	PASS
GPRS1900	661	NV	50	1150.00	0.611702	±2.5	PASS
GPRS1900	810	NV	-30	400.00	0.209446	±2.5	PASS

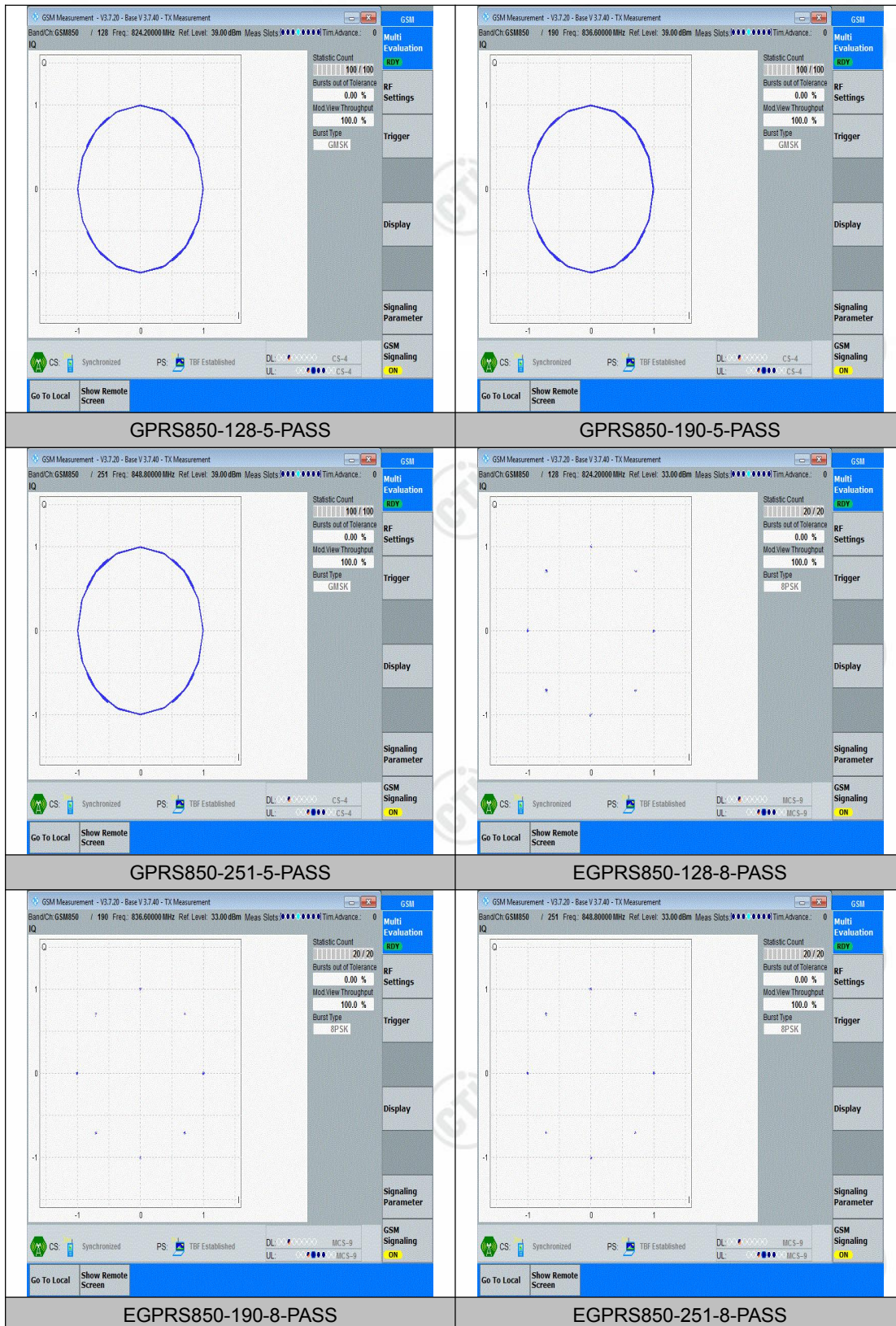
GPRS1900	810	NV	-20	250.00	0.130904	±2.5	PASS
GPRS1900	810	NV	-10	600.00	0.314169	±2.5	PASS
GPRS1900	810	NV	0	450.00	0.235627	±2.5	PASS
GPRS1900	810	NV	10	-450.00	-0.235627	±2.5	PASS
GPRS1900	810	NV	20	350.00	0.183265	±2.5	PASS
GPRS1900	810	NV	30	450.00	0.235627	±2.5	PASS
GPRS1900	810	NV	40	450.00	0.235627	±2.5	PASS
GPRS1900	810	NV	50	600.00	0.314169	±2.5	PASS
EGPRS1900	512	NV	-30	-550.00	-0.297265	±2.5	PASS
EGPRS1900	512	NV	-20	800.00	0.432386	±2.5	PASS
EGPRS1900	512	NV	-10	550.00	0.297265	±2.5	PASS
EGPRS1900	512	NV	0	450.00	0.243217	±2.5	PASS
EGPRS1900	512	NV	10	-350.00	-0.189169	±2.5	PASS
EGPRS1900	512	NV	20	1500.00	0.810723	±2.5	PASS
EGPRS1900	512	NV	30	350.00	0.189169	±2.5	PASS
EGPRS1900	512	NV	40	1500.00	0.810723	±2.5	PASS
EGPRS1900	512	NV	50	150.00	0.081072	±2.5	PASS
EGPRS1900	661	NV	-30	450.00	0.239362	±2.5	PASS
EGPRS1900	661	NV	-20	650.00	0.345745	±2.5	PASS
EGPRS1900	661	NV	-10	1500.00	0.797872	±2.5	PASS
EGPRS1900	661	NV	0	1100.00	0.585106	±2.5	PASS
EGPRS1900	661	NV	10	700.00	0.372340	±2.5	PASS
EGPRS1900	661	NV	20	750.00	0.398936	±2.5	PASS
EGPRS1900	661	NV	30	2650.00	1.409574	±2.5	PASS
EGPRS1900	661	NV	40	1300.00	0.691489	±2.5	PASS
EGPRS1900	661	NV	50	2000.00	1.063830	±2.5	PASS
EGPRS1900	810	NV	-30	100.00	0.052362	±2.5	PASS
EGPRS1900	810	NV	-20	300.00	0.157085	±2.5	PASS
EGPRS1900	810	NV	-10	1100.00	0.575977	±2.5	PASS
EGPRS1900	810	NV	0	1000.00	0.523615	±2.5	PASS
EGPRS1900	810	NV	10	650.00	0.340350	±2.5	PASS
EGPRS1900	810	NV	20	800.00	0.418892	±2.5	PASS
EGPRS1900	810	NV	30	1500.00	0.785423	±2.5	PASS
EGPRS1900	810	NV	40	1900.00	0.994869	±2.5	PASS
EGPRS1900	810	NV	50	950.00	0.497434	±2.5	PASS

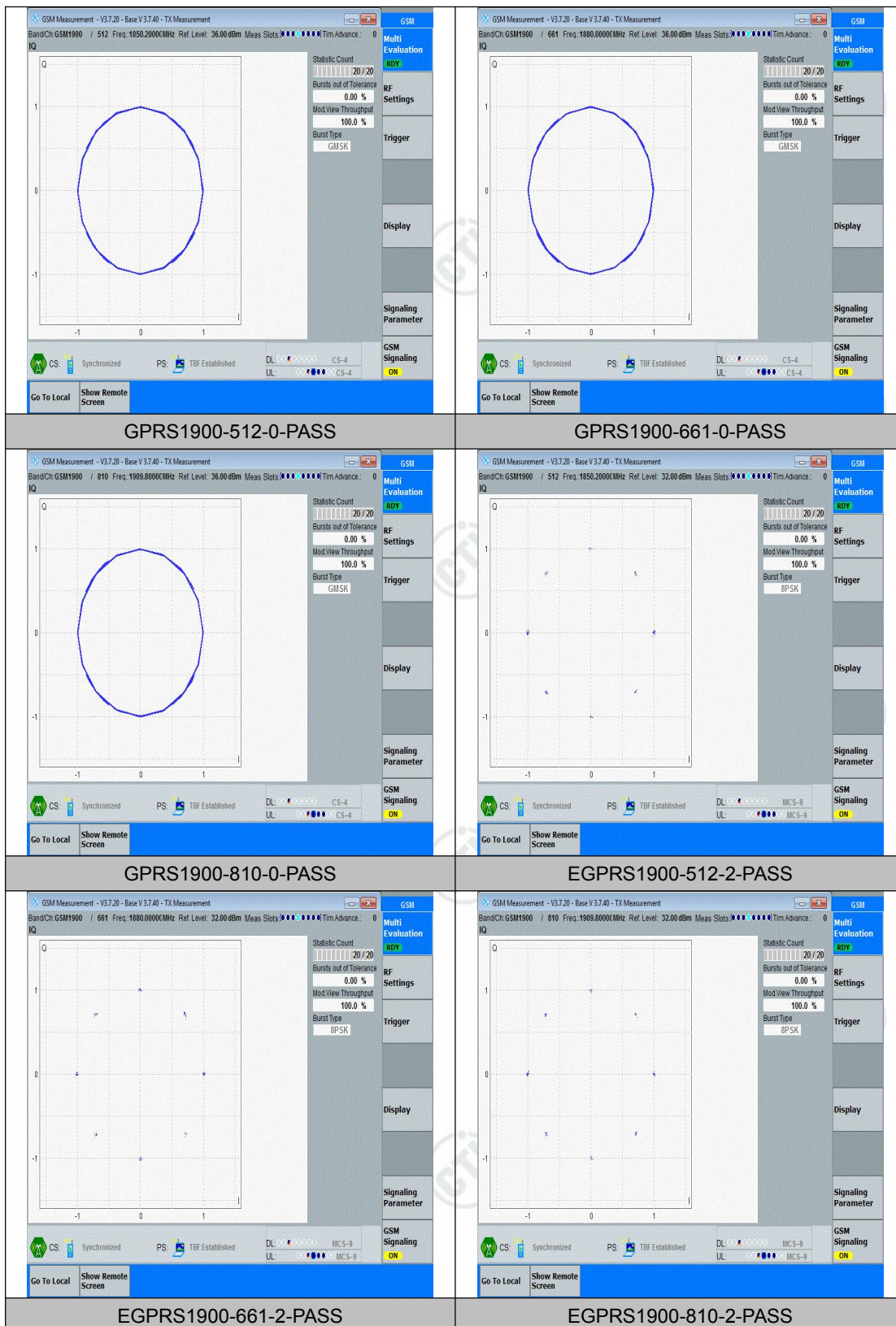
Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
GPRS850	128	PASS	PASS
GPRS850	190	PASS	PASS
GPRS850	251	PASS	PASS
EGPRS850	128	PASS	PASS
EGPRS850	190	PASS	PASS
EGPRS850	251	PASS	PASS
GPRS1900	512	PASS	PASS
GPRS1900	661	PASS	PASS
GPRS1900	810	PASS	PASS
EGPRS1900	512	PASS	PASS
EGPRS1900	661	PASS	PASS
EGPRS1900	810	PASS	PASS

Test Graphs





*** End of Report ***