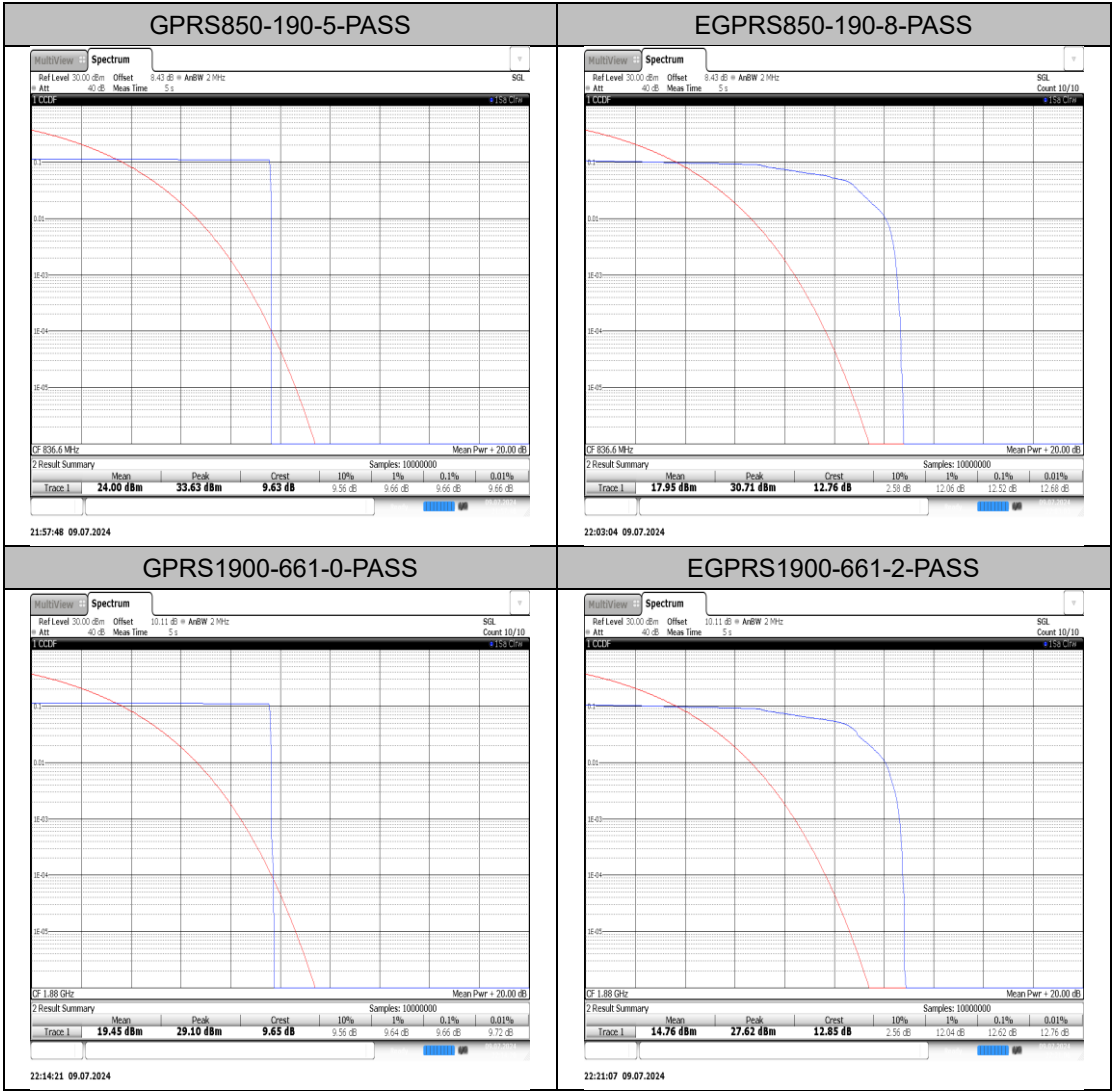


Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS850	190	9.66	13	PASS
EGPRS850	190	12.52	13	PASS
GPRS1900	661	9.66	13	PASS
EGPRS1900	661	12.62	13	PASS

Test Graphs

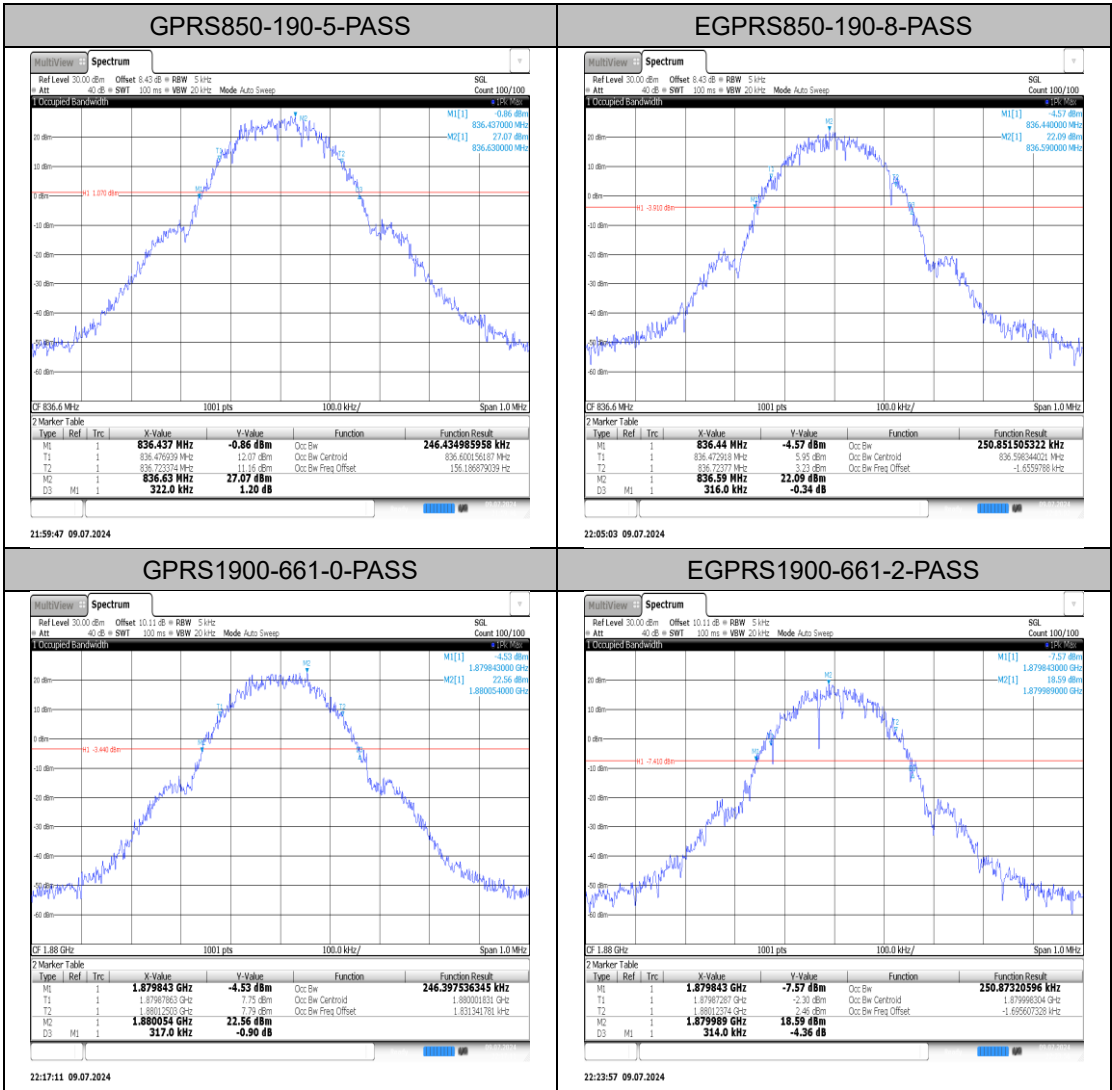


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS850	190	0.246	0.32	---	PASS
EGPRS850	190	0.251	0.32	---	PASS
GPRS1900	661	0.246	0.32	---	PASS
EGPRS1900	661	0.251	0.31	---	PASS

Test Graphs

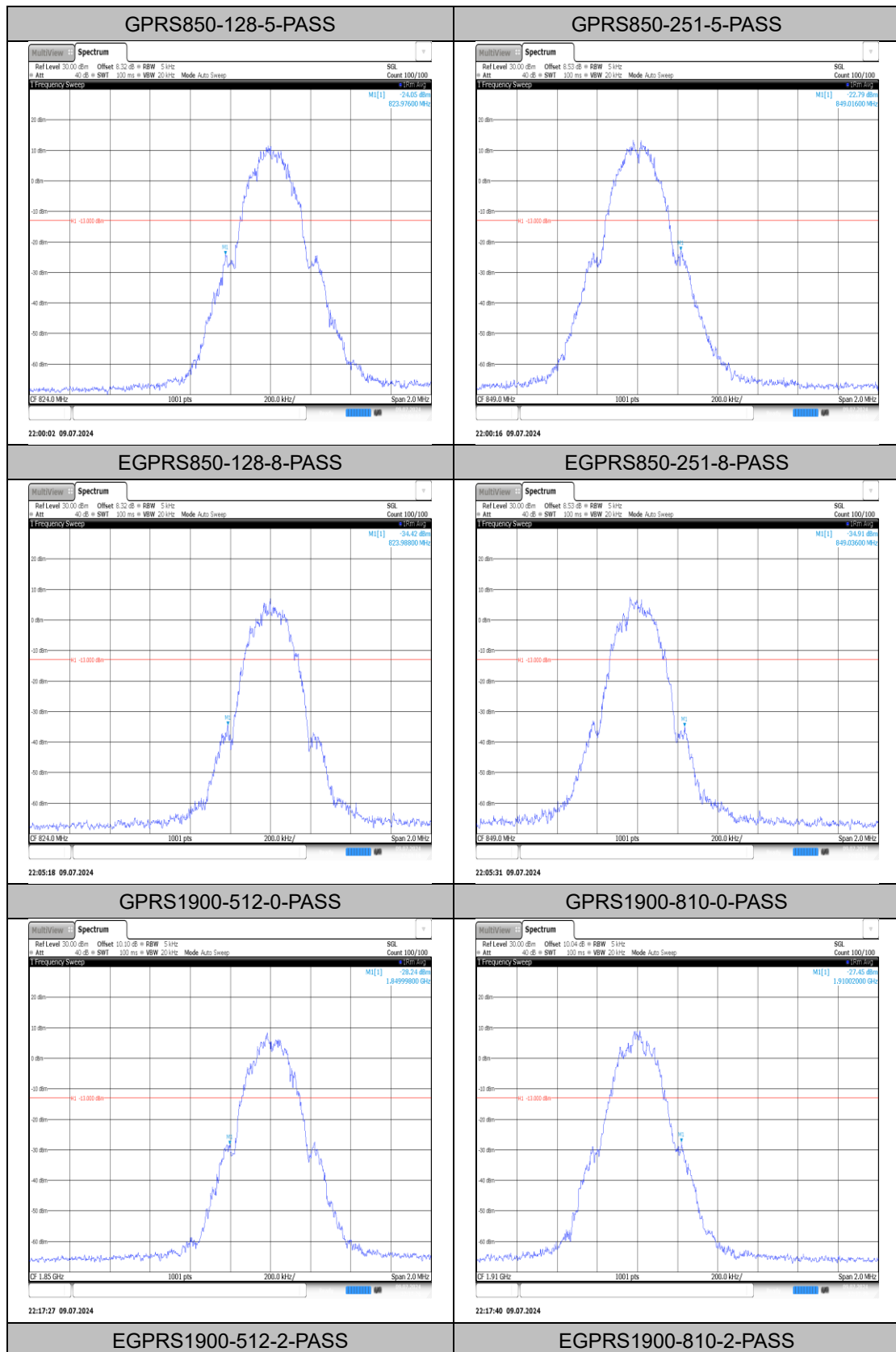


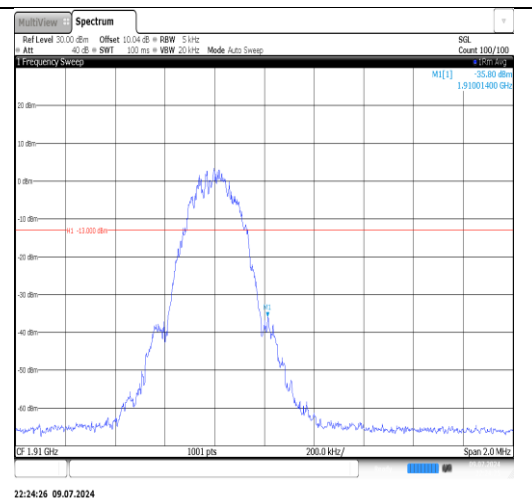
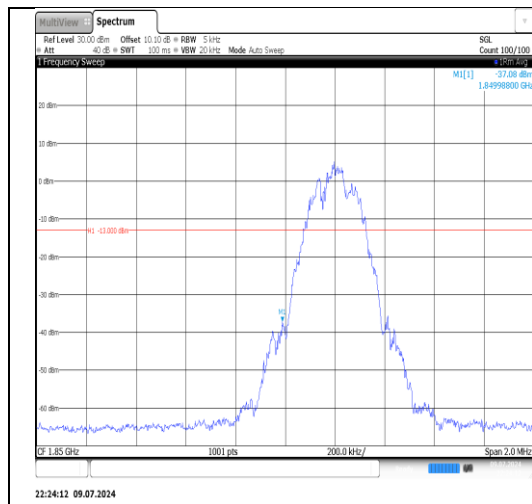
Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GPRS850	128	823.98	-24.05	-13	PASS
GPRS850	251	849.02	-22.79	-13	PASS
EGPRS850	128	823.99	-34.42	-13	PASS
EGPRS850	251	849.04	-34.91	-13	PASS
GPRS1900	512	1850.00	-28.24	-13	PASS
GPRS1900	810	1910.02	-27.45	-13	PASS
EGPRS1900	512	1849.99	-37.08	-13	PASS
EGPRS1900	810	1910.01	-35.80	-13	PASS

Test Graphs



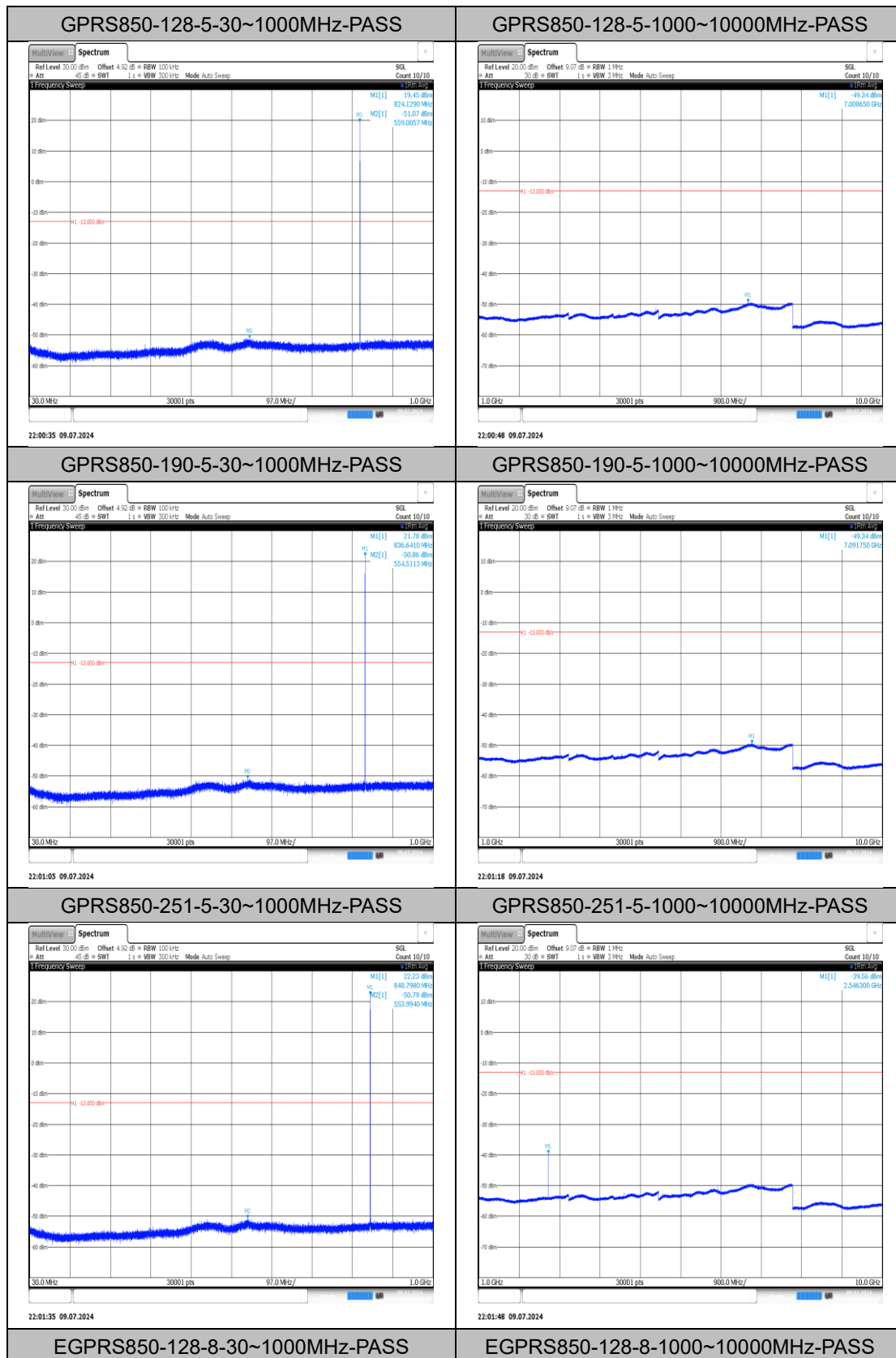


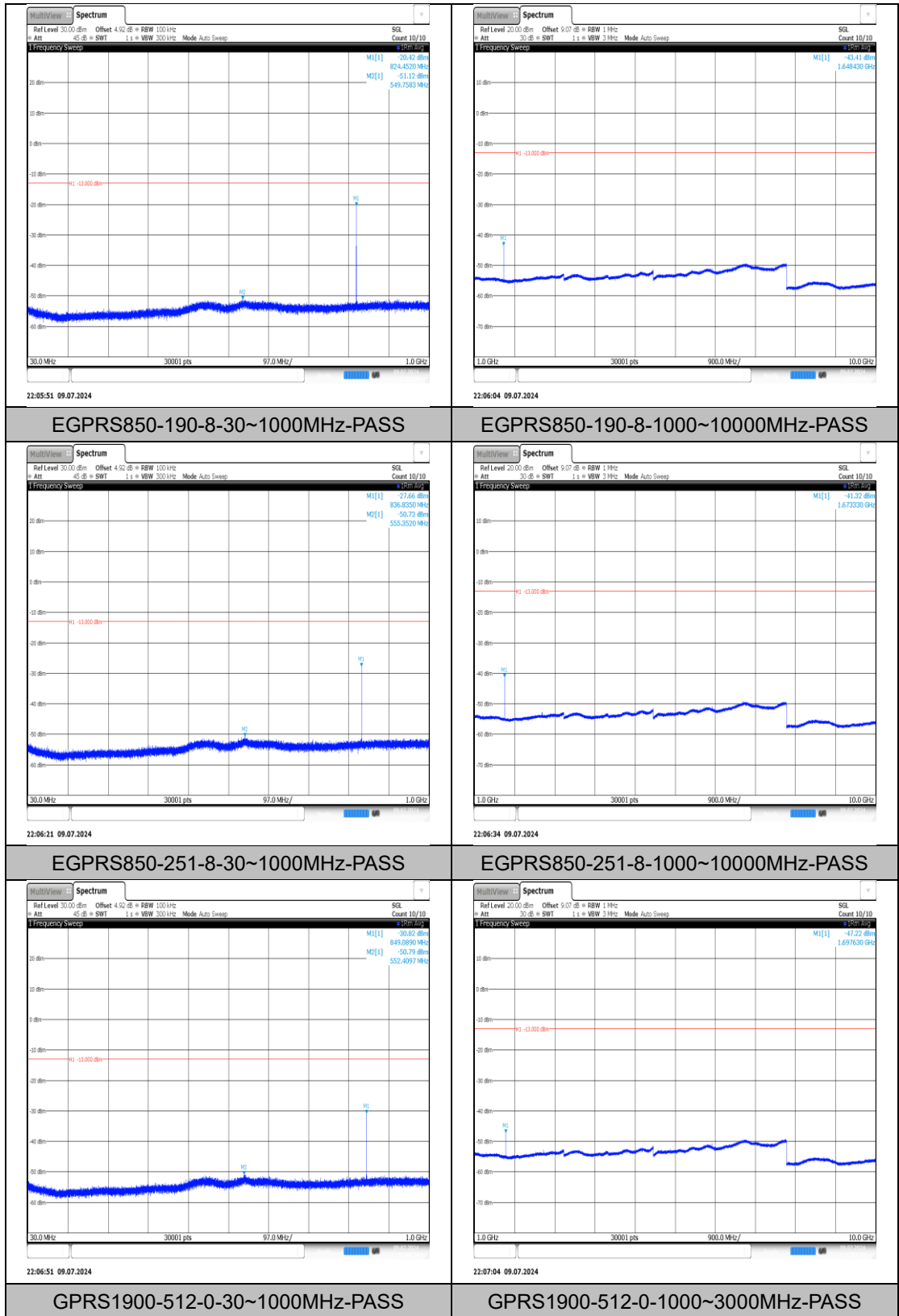
Conducted Spurious Emission

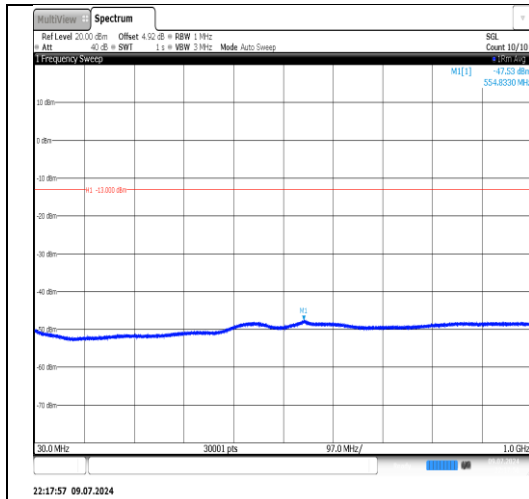
Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS850	128	30~1000MHz	559.01	-51.07	-13	PASS
GPRS850	128	1000~10000MHz	7008.65	-49.34	-13	PASS
GPRS850	190	30~1000MHz	554.51	-50.86	-13	PASS
GPRS850	190	1000~10000MHz	7091.75	-49.34	-13	PASS
GPRS850	251	30~1000MHz	553.99	-50.79	-13	PASS
GPRS850	251	1000~10000MHz	2546.3	-39.56	-13	PASS
EGPRS850	128	30~1000MHz	549.76	-51.12	-13	PASS
EGPRS850	128	1000~10000MHz	1648.43	-43.41	-13	PASS
EGPRS850	190	30~1000MHz	555.35	-50.73	-13	PASS
EGPRS850	190	1000~10000MHz	1673.33	-41.32	-13	PASS
EGPRS850	251	30~1000MHz	552.41	-50.79	-13	PASS
EGPRS850	251	1000~10000MHz	1697.63	-47.22	-13	PASS
GPRS1900	512	30~1000MHz	554.83	-47.53	-13	PASS
GPRS1900	512	1000~3000MHz	2993.27	-37.61	-13	PASS
GPRS1900	512	3000~18000MHz	7079.11	-46.89	-13	PASS
GPRS1900	661	30~1000MHz	556.39	-47.39	-13	PASS
GPRS1900	661	1000~3000MHz	2978.87	-37.6	-13	PASS
GPRS1900	661	3000~18000MHz	7935.09	-46.85	-13	PASS
GPRS1900	810	30~1000MHz	555.09	-47.52	-13	PASS
GPRS1900	810	1000~3000MHz	2994.13	-37.61	-13	PASS
GPRS1900	810	3000~18000MHz	7955.58	-46.87	-13	PASS
EGPRS1900	512	30~1000MHz	553.41	-47.5	-13	PASS
EGPRS1900	512	1000~3000MHz	2984.33	-37.72	-13	PASS
EGPRS1900	512	3000~18000MHz	7961.58	-46.94	-13	PASS
EGPRS1900	661	30~1000MHz	556.22	-47.56	-13	PASS
EGPRS1900	661	1000~3000MHz	2957.27	-37.63	-13	PASS
EGPRS1900	661	3000~18000MHz	7989.58	-46.81	-13	PASS
EGPRS1900	810	30~1000MHz	557	-47.61	-13	PASS
EGPRS1900	810	1000~3000MHz	2996.53	-37.74	-13	PASS
EGPRS1900	810	3000~18000MHz	7944.09	-46.95	-13	PASS

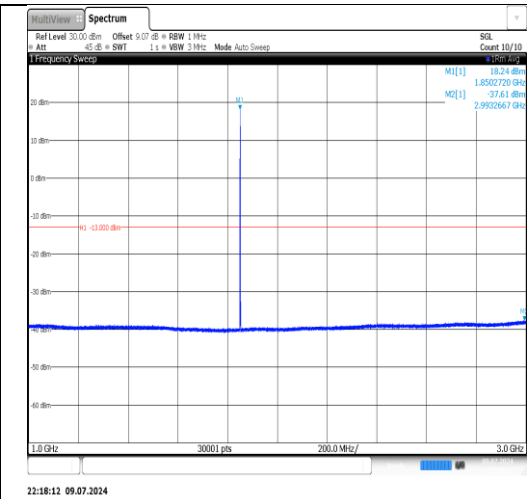
Test Graphs



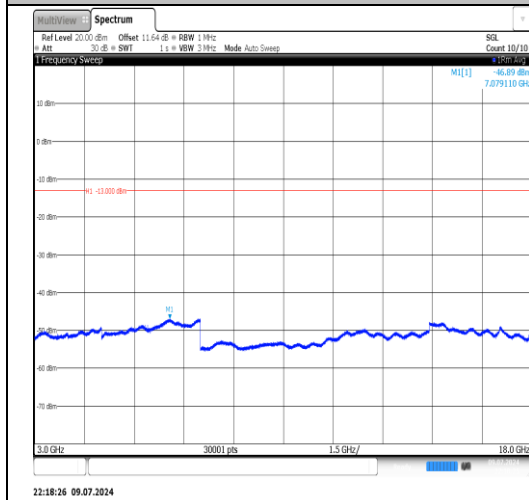




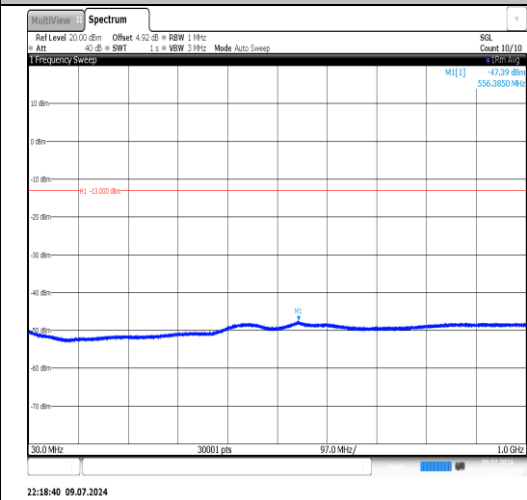
GPRS1900-512-0-3000~18000MHz-PASS



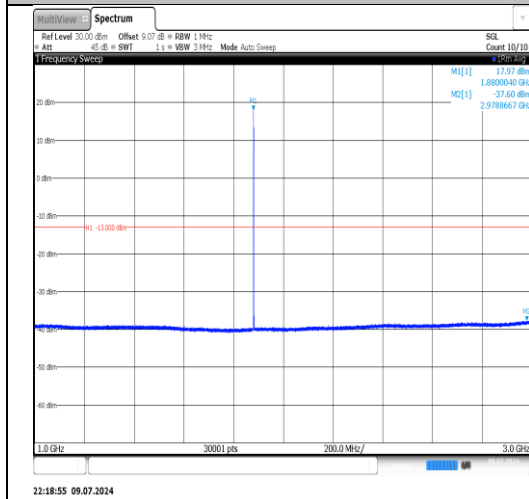
GPRS1900-661-0-30~1000MHz-PASS



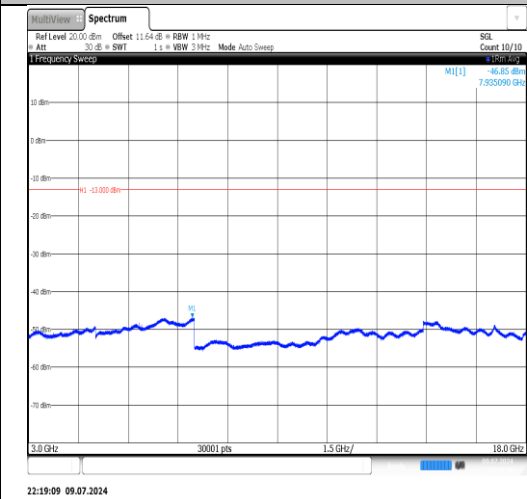
GPRS1900-661-0-1000~3000MHz-PASS



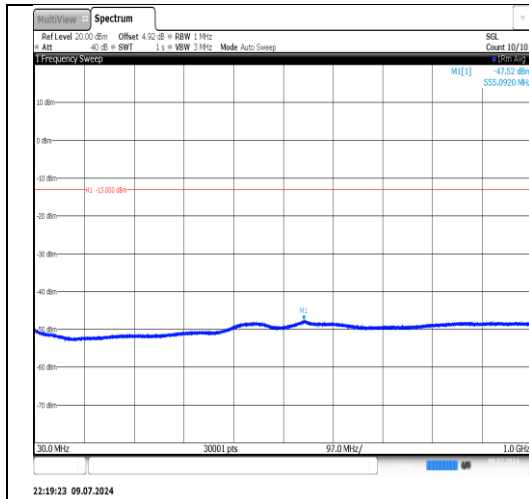
GPRS1900-661-0-3000~18000MHz-PASS



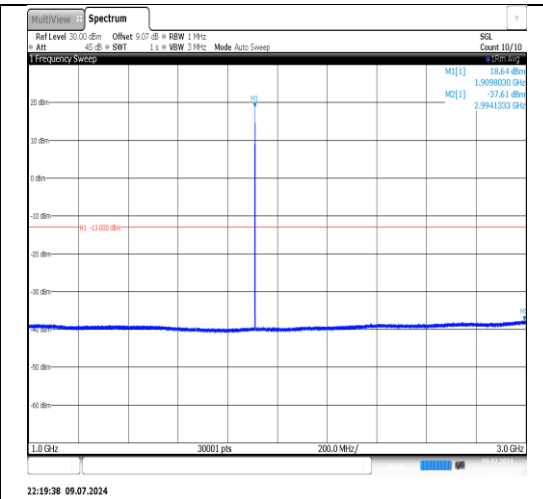
GPRS1900-810-0-30~1000MHz-PASS



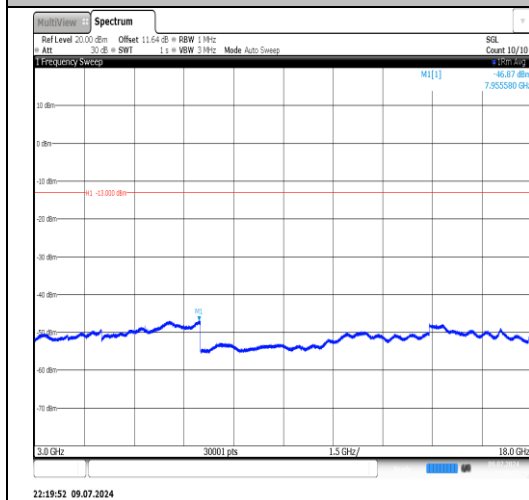
GPRS1900-810-0-1000~3000MHz-PASS



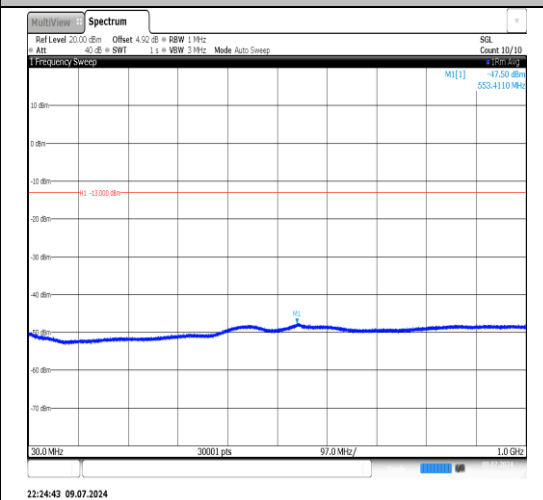
GPRS1900-810-0-3000~18000MHz-PASS



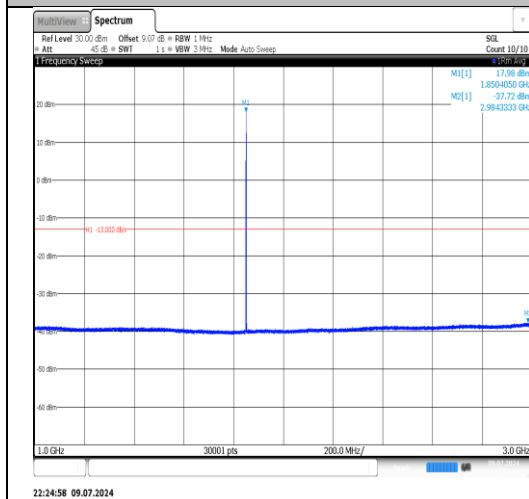
EGPRS1900-512-2-30~1000MHz-PASS



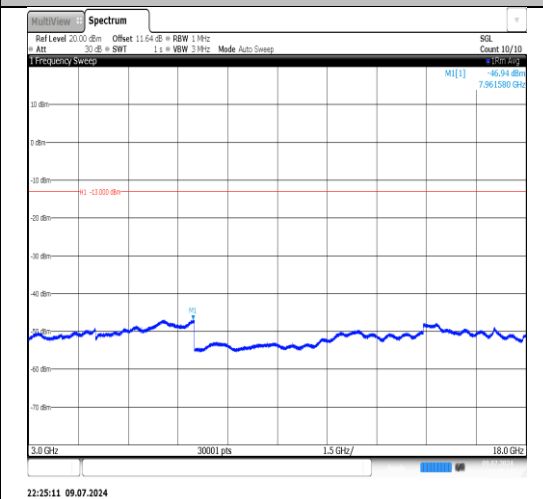
EGPRS1900-512-2-1000~3000MHz-PASS



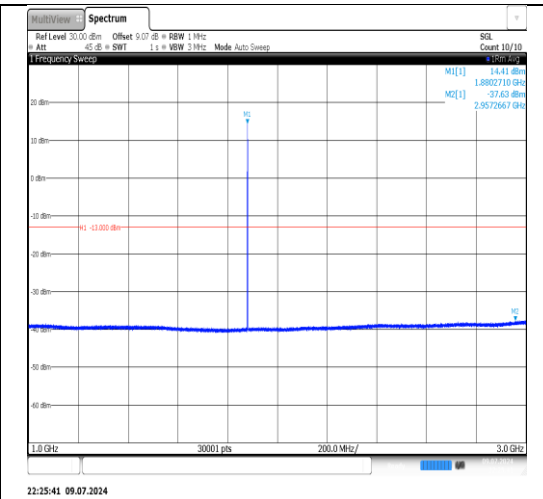
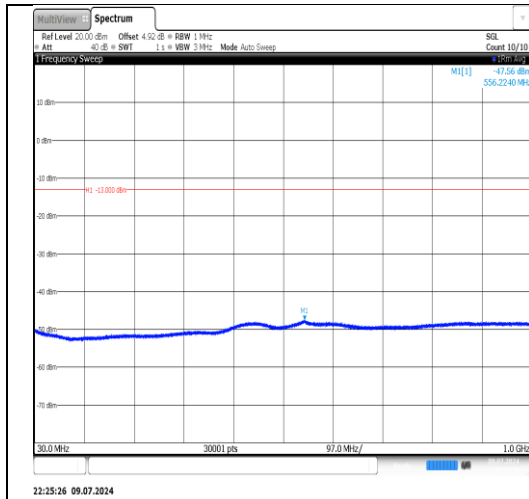
EGPRS1900-512-2-3000~18000MHz-PASS



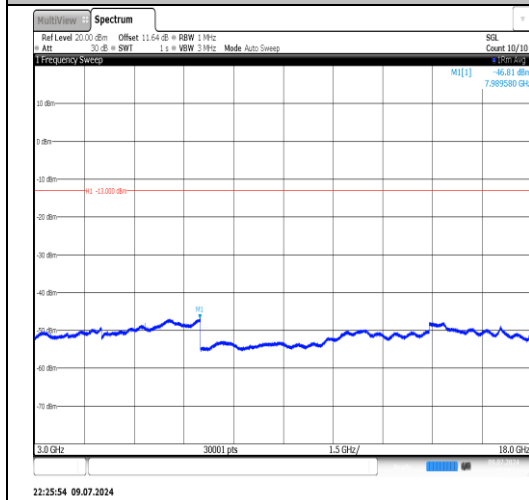
EGPRS1900-661-2-30~1000MHz-PASS



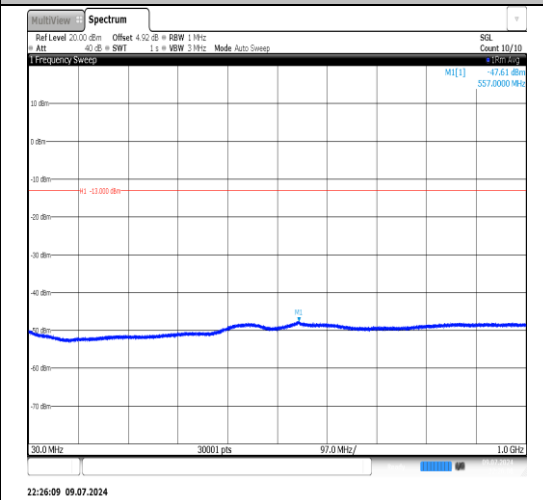
EGPRS1900-661-2-1000~3000MHz-PASS



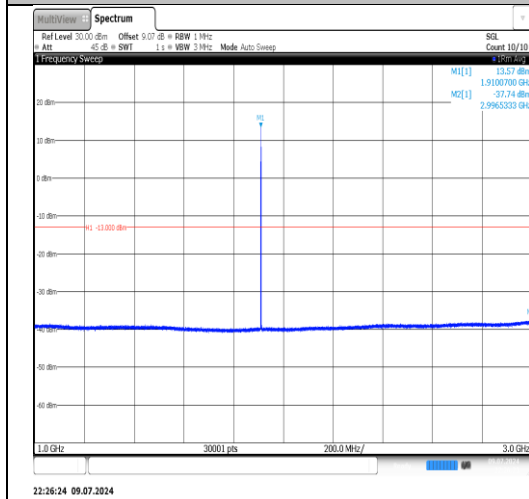
EGPRS1900-661-2-3000~18000MHz-PASS



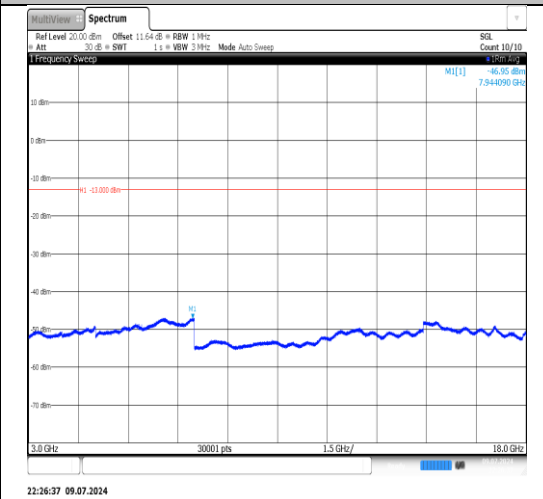
EGPRS1900-810-2-30~1000MHz-PASS



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



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



Frequency Stability

Test Result

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	190	NV	-30	-9.10	-0.010877	±2.5	PASS
GPRS850	190	NV	-20	-10.11	-0.012085	±2.5	PASS
GPRS850	190	NV	-10	-4.94	-0.005905	±2.5	PASS
GPRS850	190	NV	0	-7.81	-0.009335	±2.5	PASS
GPRS850	190	NV	10	-7.49	-0.008953	±2.5	PASS
GPRS850	190	NV	20	-6.46	-0.007722	±2.5	PASS
GPRS850	190	NV	30	-8.59	-0.010268	±2.5	PASS
GPRS850	190	NV	40	-9.46	-0.011308	±2.5	PASS
GPRS850	190	NV	50	-9.78	-0.011690	±2.5	PASS
EGPRS850	190	NV	-30	3.29	0.003933	±2.5	PASS
EGPRS850	190	NV	-20	2.36	0.002821	±2.5	PASS
EGPRS850	190	NV	-10	-1.32	-0.001578	±2.5	PASS
EGPRS850	190	NV	0	2.74	0.003275	±2.5	PASS
EGPRS850	190	NV	10	3.10	0.003705	±2.5	PASS
EGPRS850	190	NV	20	4.62	0.005522	±2.5	PASS
EGPRS850	190	NV	30	-1.49	-0.001781	±2.5	PASS
EGPRS850	190	NV	40	4.07	0.004865	±2.5	PASS
EGPRS850	190	NV	50	2.10	0.002510	±2.5	PASS
GPRS1900	661	NV	-30	450.00	0.239362	±2.5	PASS
GPRS1900	661	NV	-20	-300.00	-0.159574	±2.5	PASS
GPRS1900	661	NV	-10	350.00	0.186170	±2.5	PASS
GPRS1900	661	NV	0	-200.00	-0.106383	±2.5	PASS
GPRS1900	661	NV	10	-100.00	-0.053191	±2.5	PASS
GPRS1900	661	NV	20	-250.00	-0.132979	±2.5	PASS
GPRS1900	661	NV	30	-300.00	-0.159574	±2.5	PASS
GPRS1900	661	NV	40	800.00	0.425532	±2.5	PASS
GPRS1900	661	NV	50	650.00	0.345745	±2.5	PASS
EGPRS1900	661	NV	-30	-750.00	-0.398936	±2.5	PASS
EGPRS1900	661	NV	-20	-550.00	-0.292553	±2.5	PASS
EGPRS1900	661	NV	-10	-850.00	-0.452128	±2.5	PASS
EGPRS1900	661	NV	0	1100.00	0.585106	±2.5	PASS
EGPRS1900	661	NV	10	-650.00	-0.345745	±2.5	PASS
EGPRS1900	661	NV	20	-1600.00	-0.851064	±2.5	PASS
EGPRS1900	661	NV	30	-400.00	-0.212766	±2.5	PASS
EGPRS1900	661	NV	40	650.00	0.345745	±2.5	PASS
EGPRS1900	661	NV	50	-100.00	-0.053191	±2.5	PASS