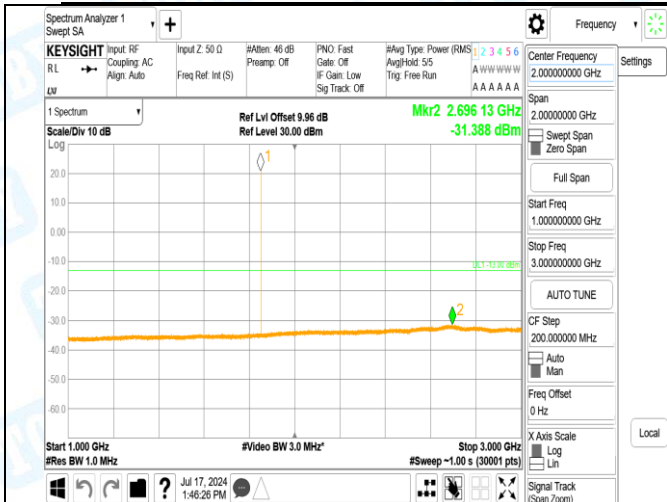
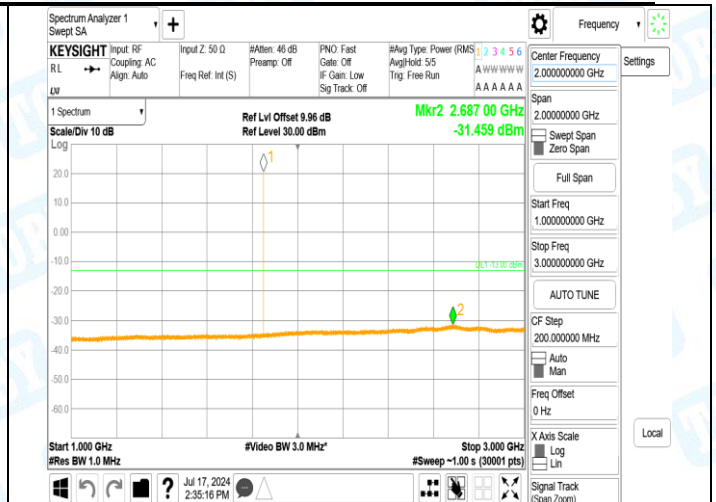
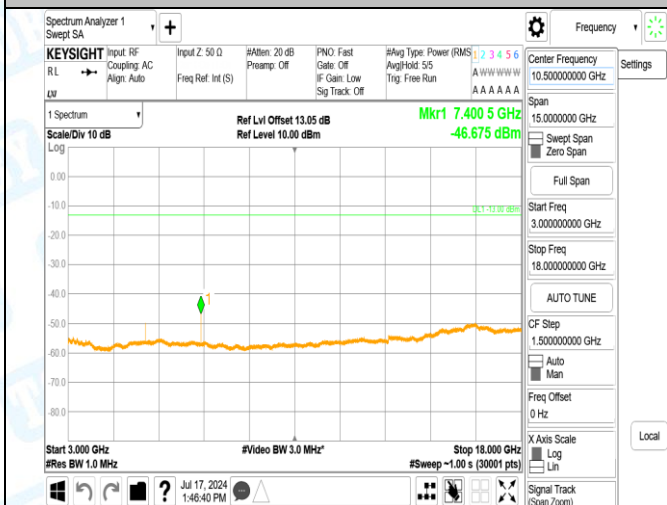




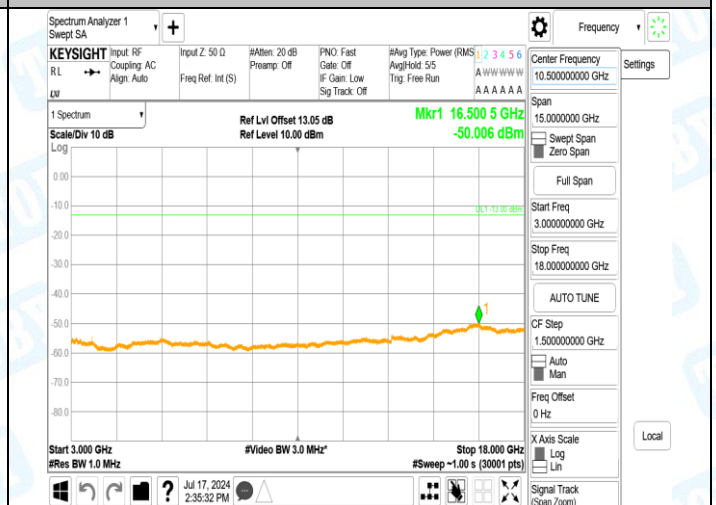
GPRS1900-512-0-3000~18000MHz-PASS



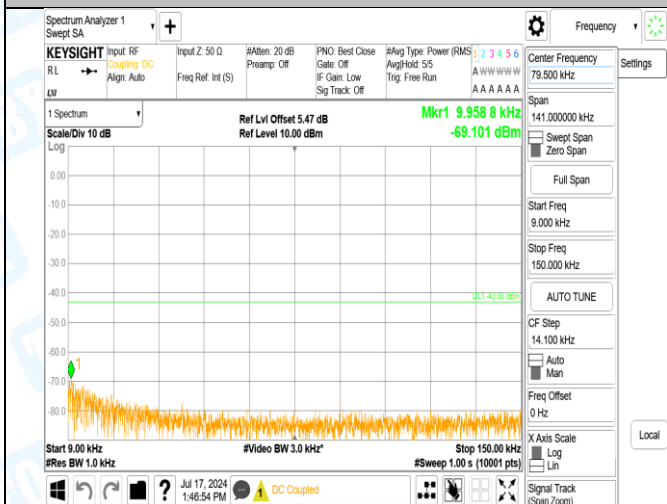
GSM1900-512-0-3000~18000MHz-PASS



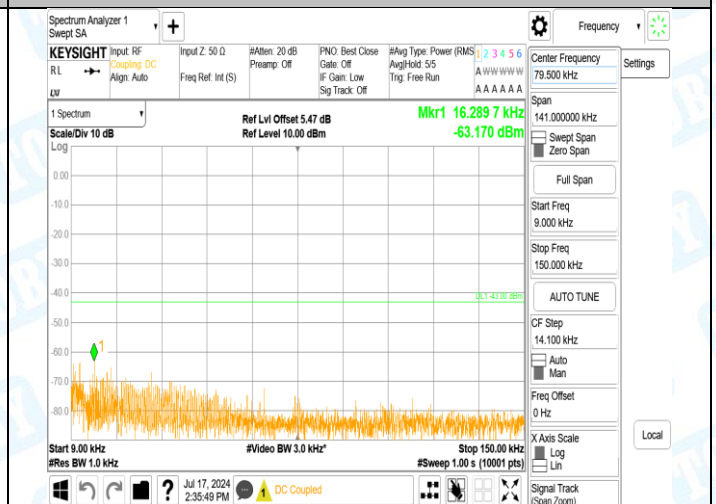
GPRS1900-661-0-0.009~0.15MHz-PASS



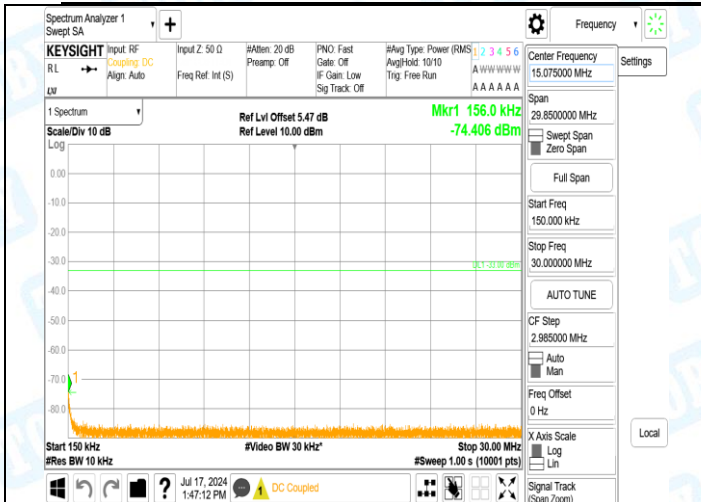
GSM1900-661-0-0.009~0.15MHz-PASS



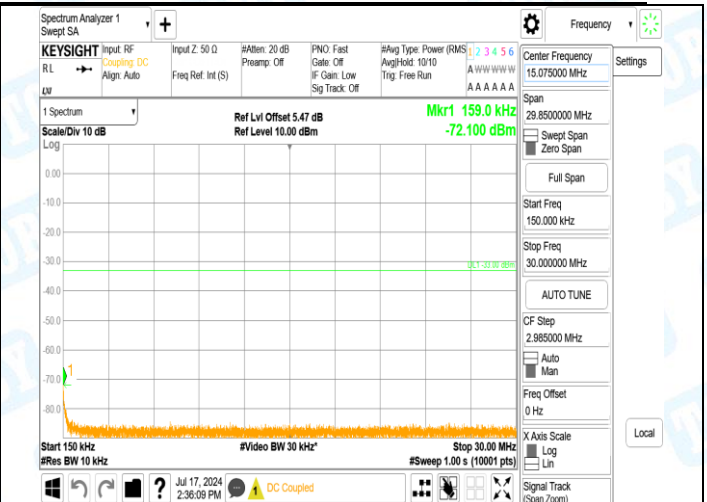
GPRS1900-661-0-0.15~30MHz-PASS



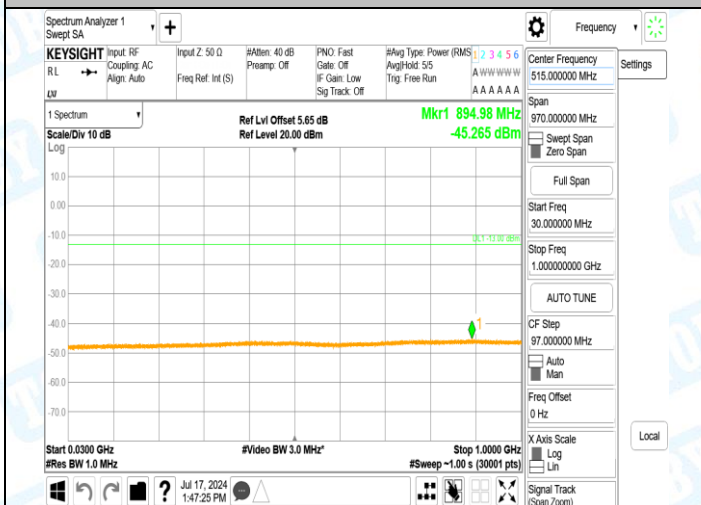
GSM1900-661-0-0.15~30MHz-PASS



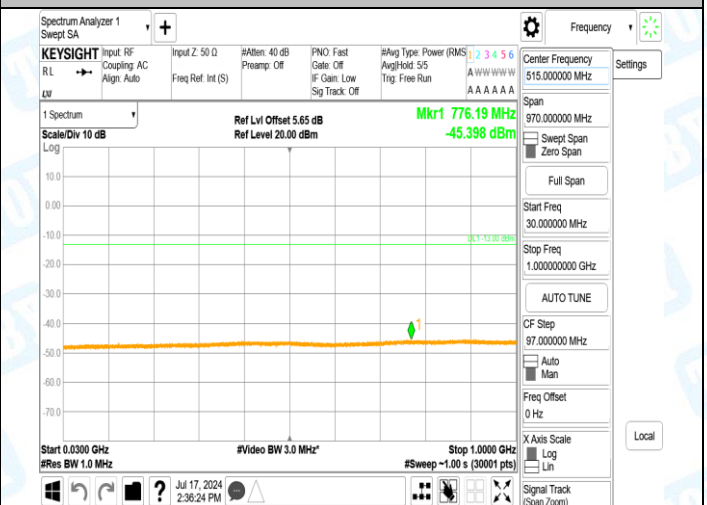
GPRS1900-661-0-30~1000MHz-PASS



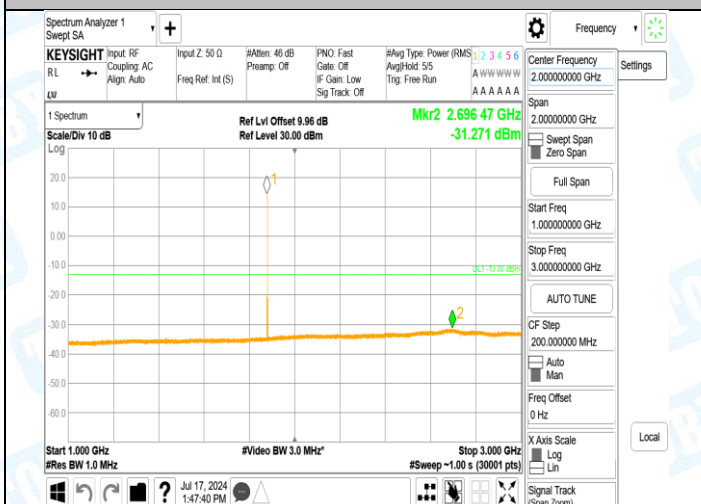
GSM1900-661-0-30~1000MHz-PASS



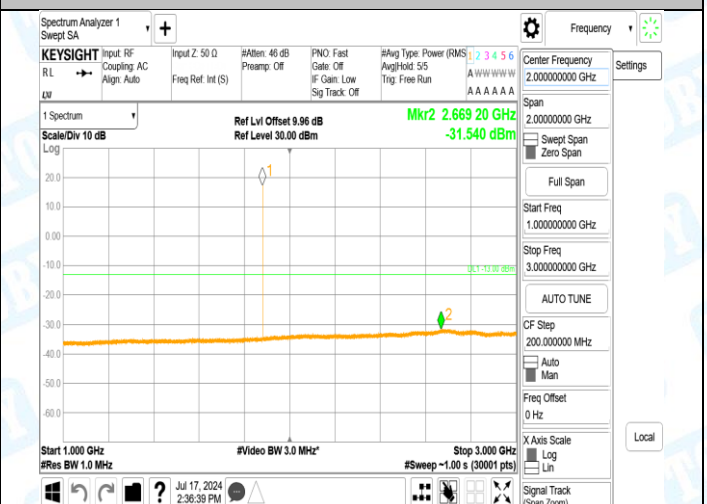
GPRS1900-661-0-1000~3000MHz-PASS



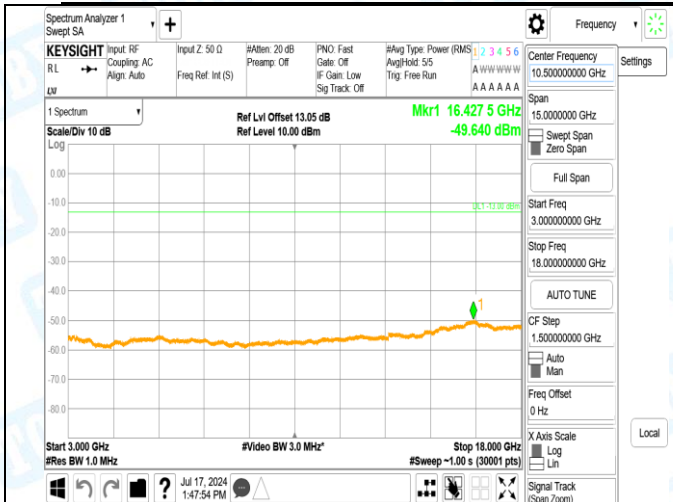
GSM1900-661-0-1000~3000MHz-PASS



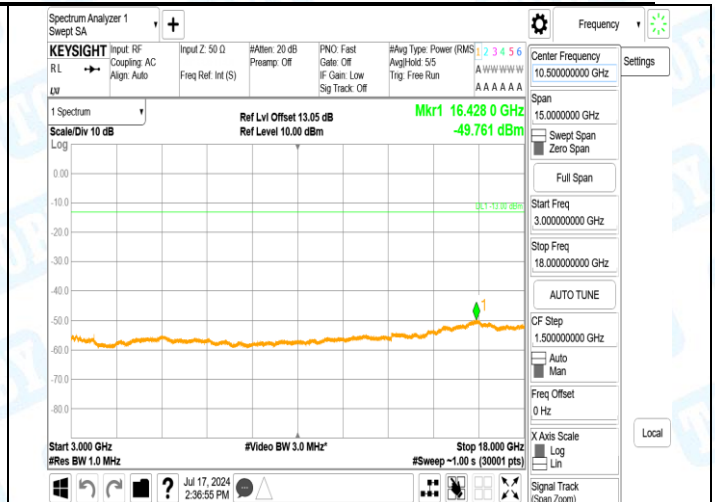
GPRS1900-661-0-3000~18000MHz-PASS



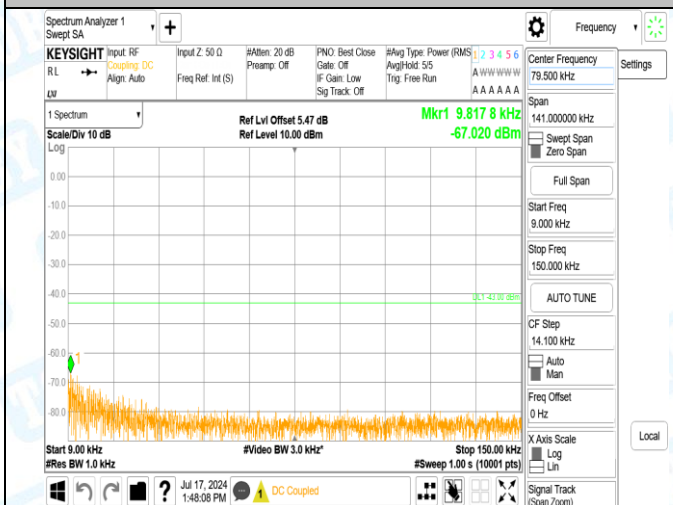
GSM1900-661-0-3000~18000MHz-PASS



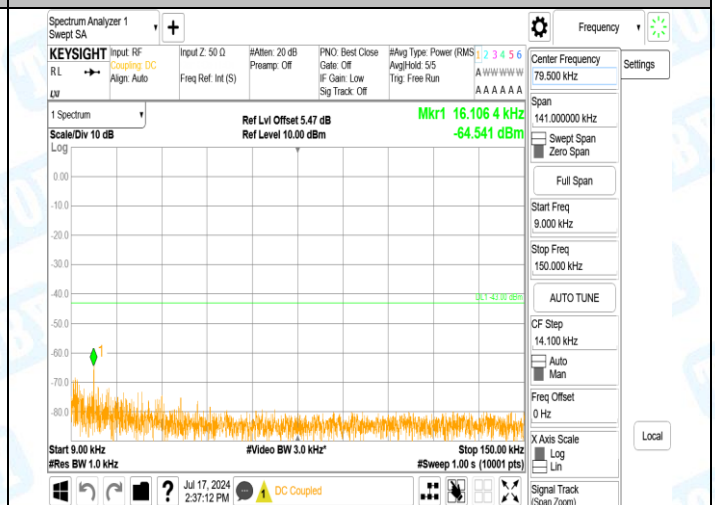
GPRS1900-810-0-0.009~0.15MHz-PASS



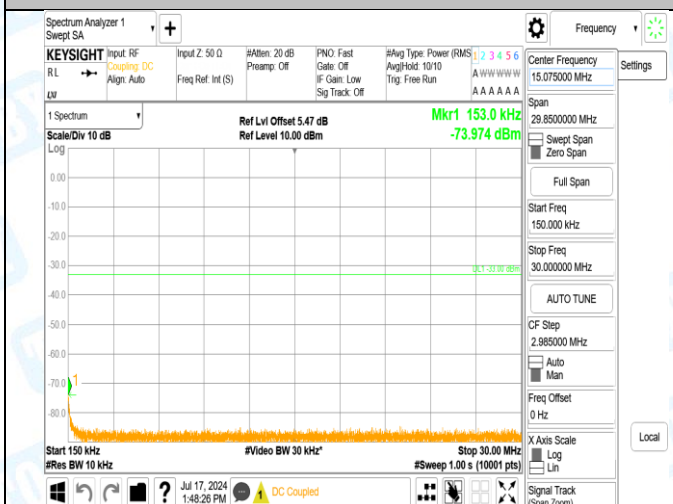
GSM1900-810-0-0.009~0.15MHz-PASS



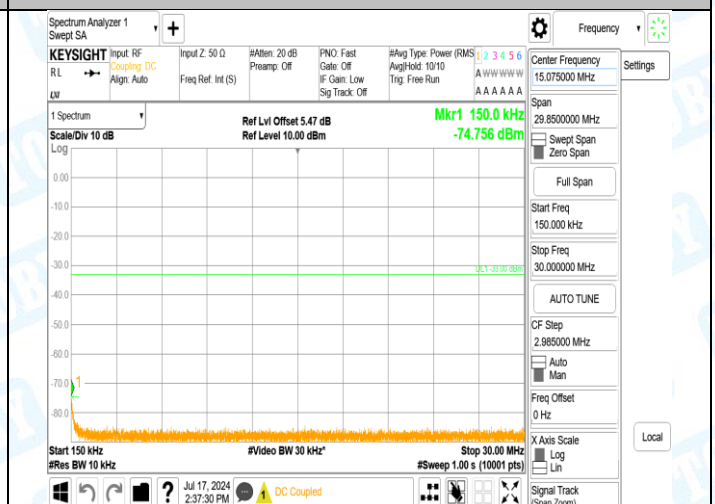
GPRS1900-810-0-0.15~30MHz-PASS



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



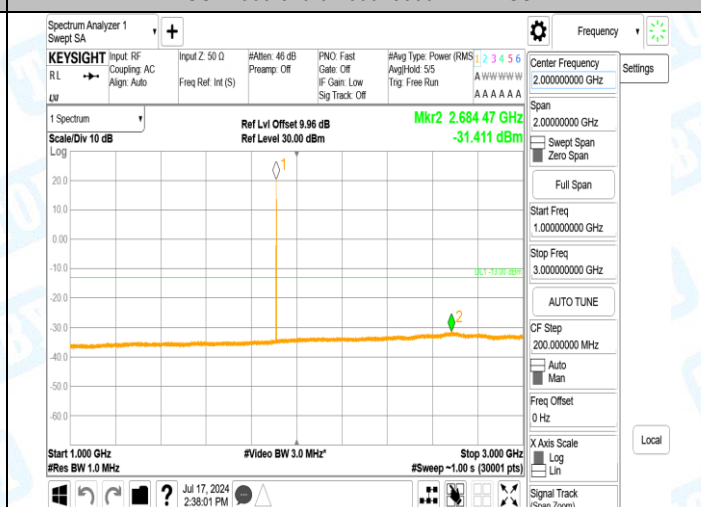
GPRS1900-810-0-30~1000MHz-PASS



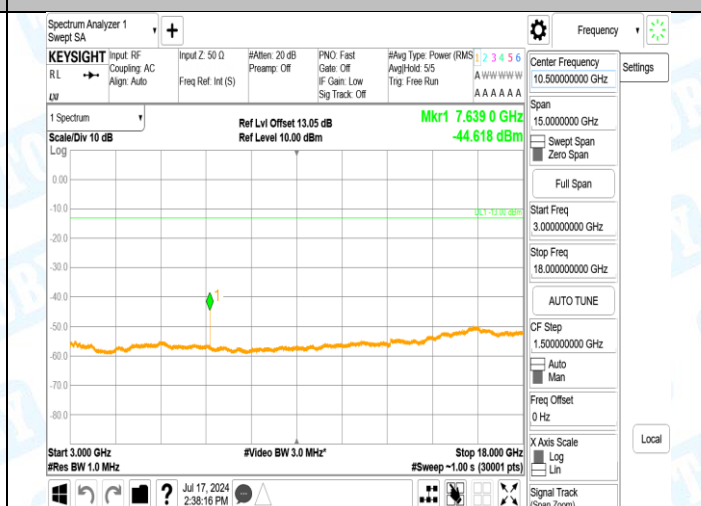
GSM1900-810-0-30~1000MHz-PASS



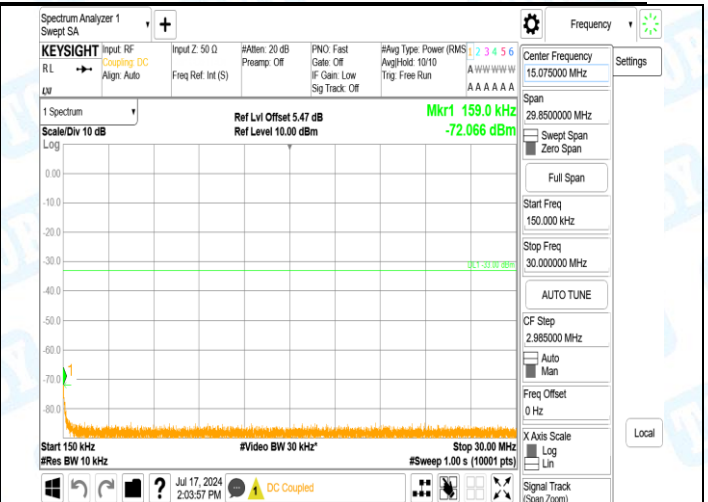
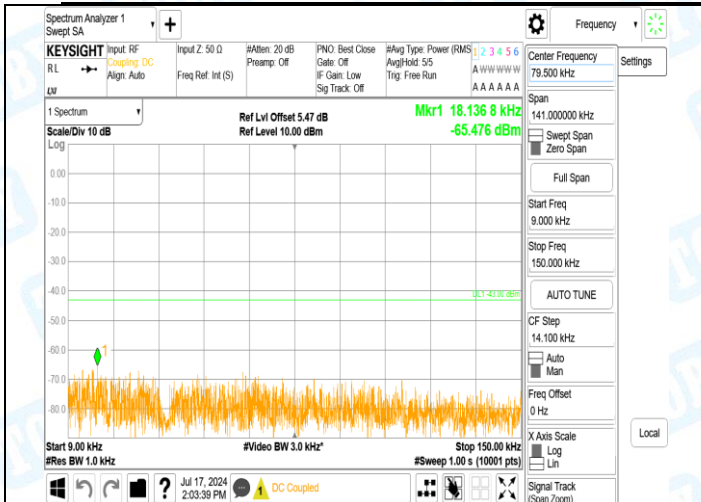
GSM1900-810-0-1000~3000MHz-PASS



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

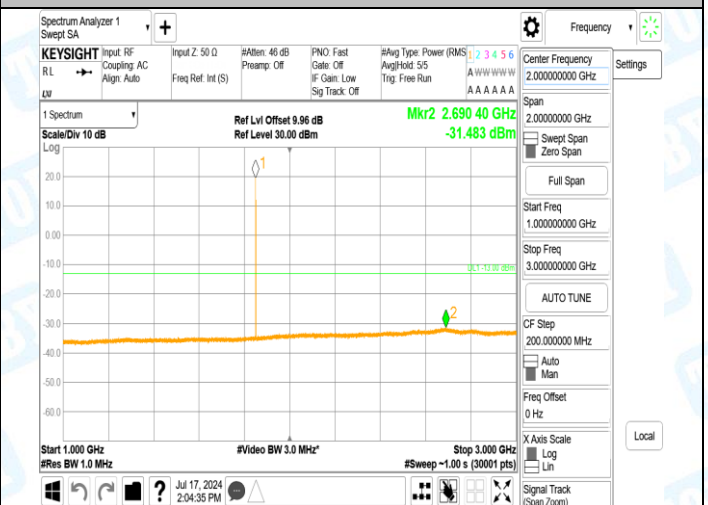
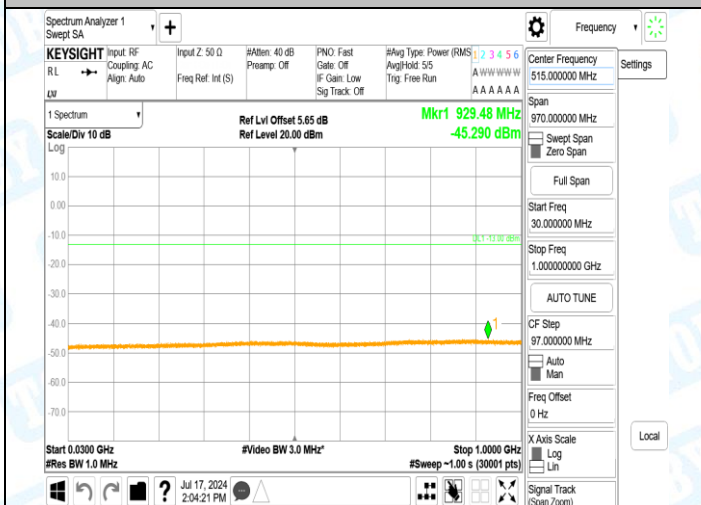


EGPRS1900-512-2-0.15~30MHz-PASS



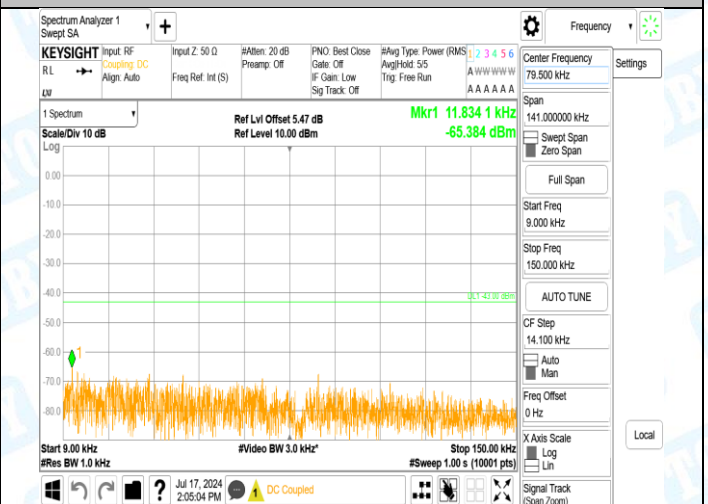
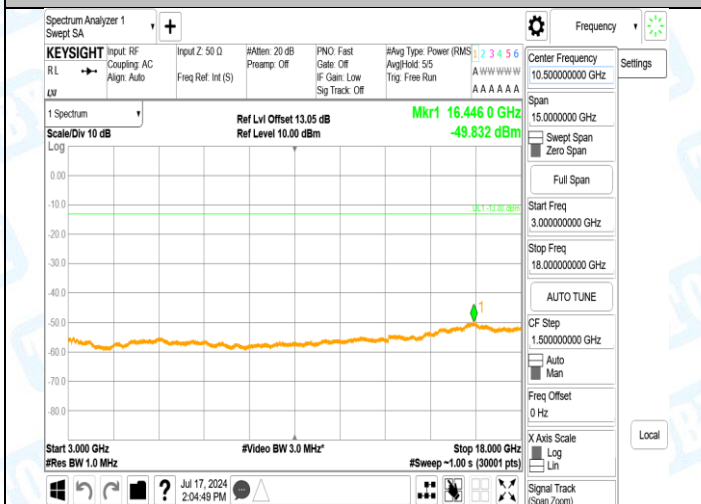
EGPRS1900-512-2-30~1000MHz-PASS

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



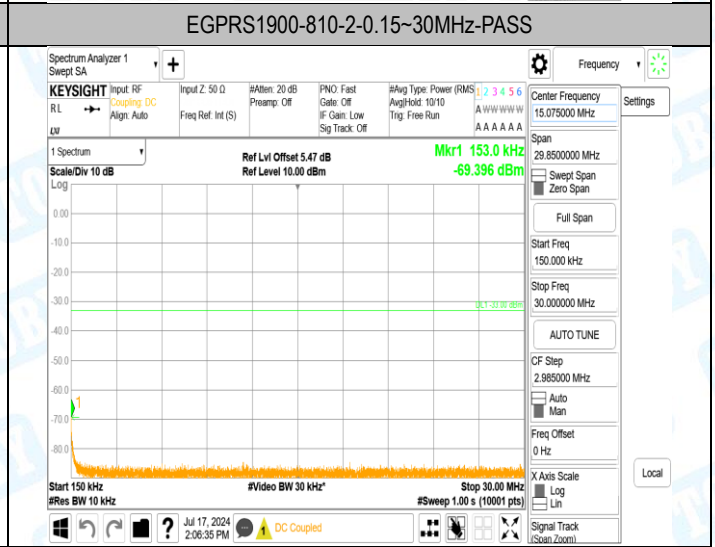
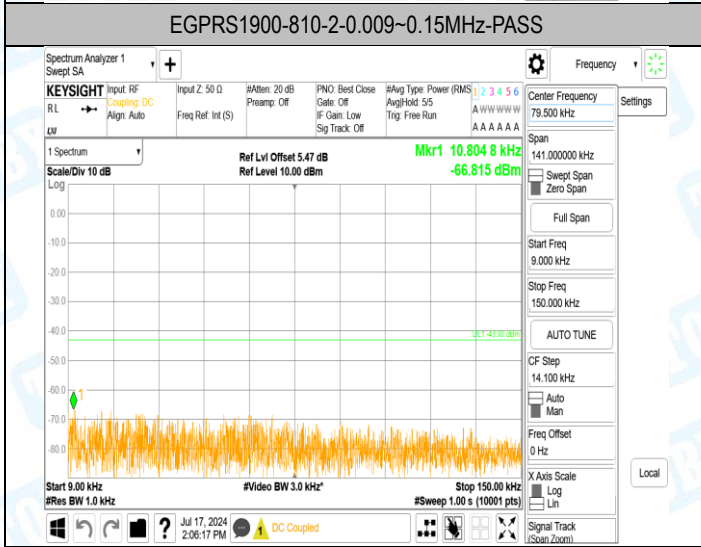
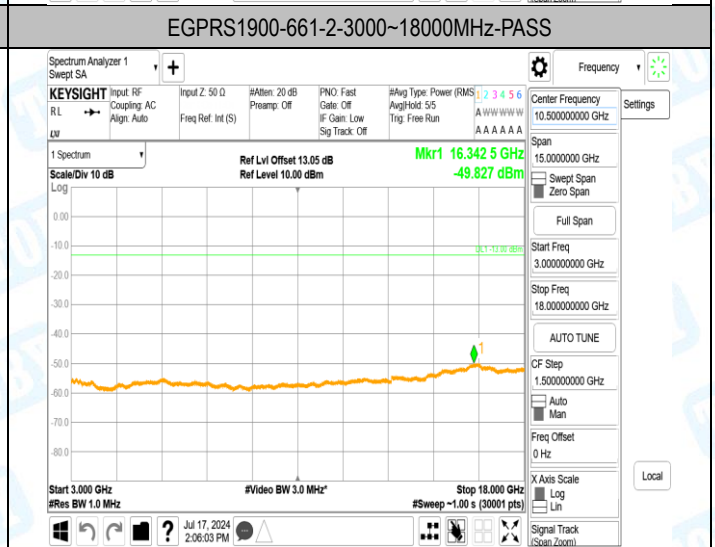
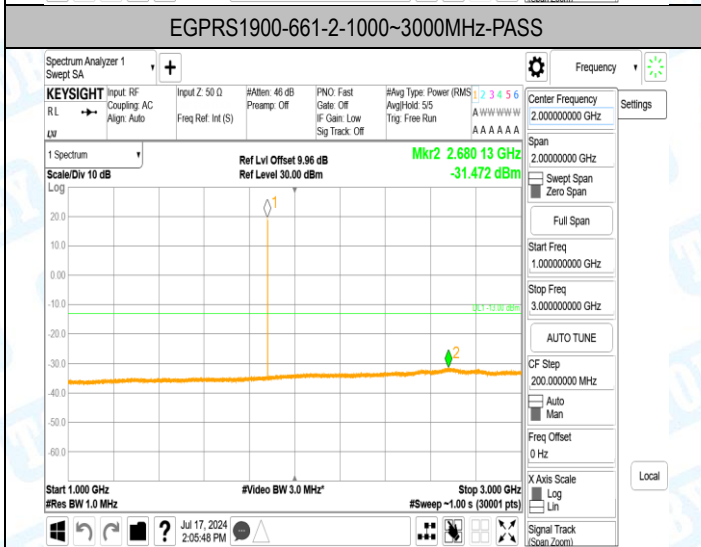
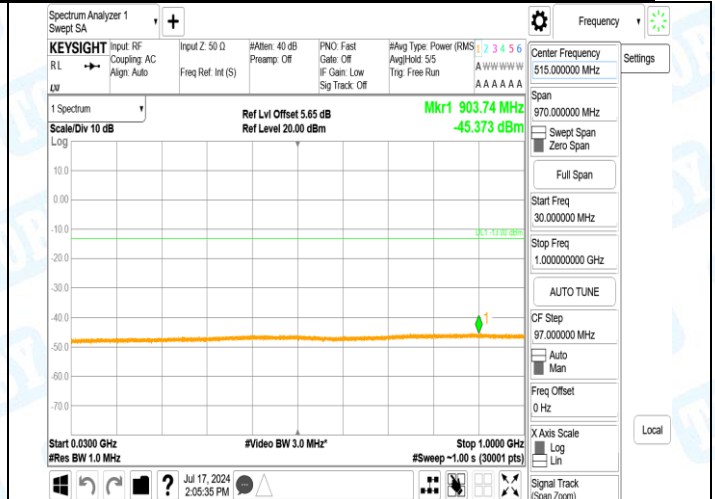
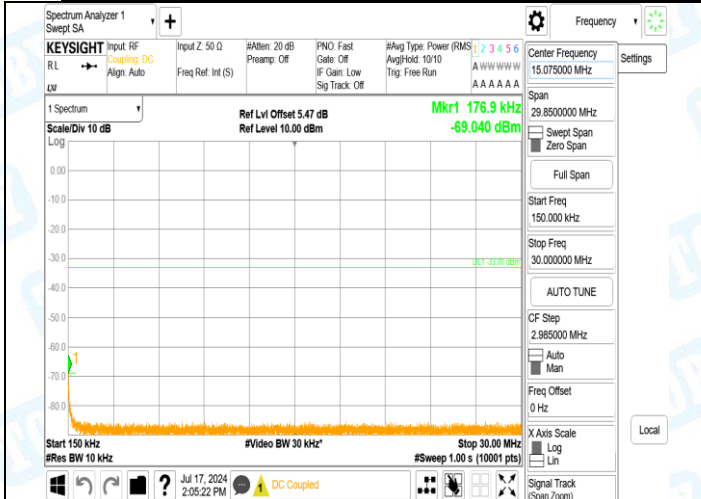
EGPRS1900-512-2-3000~18000MHz-PASS

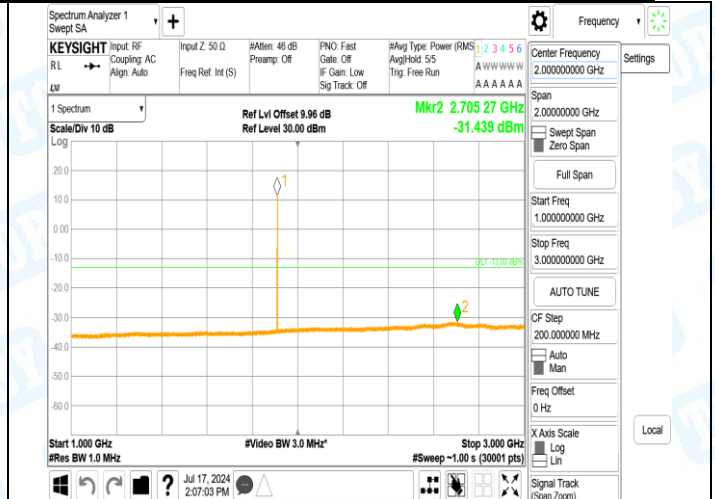
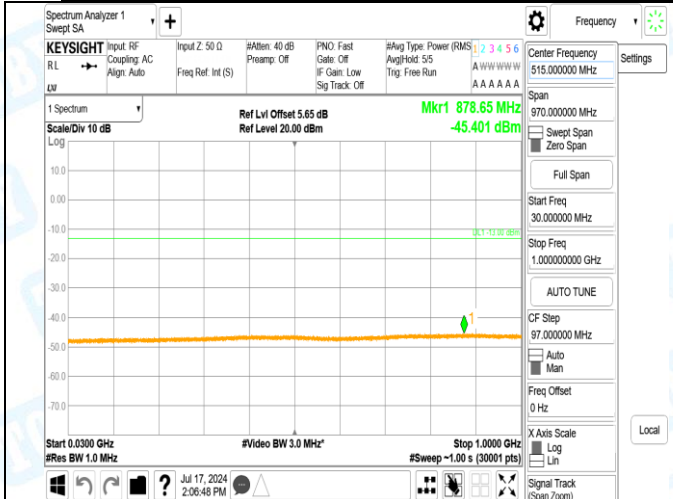
EGPRS1900-661-2-0.009~0.15MHz-PASS



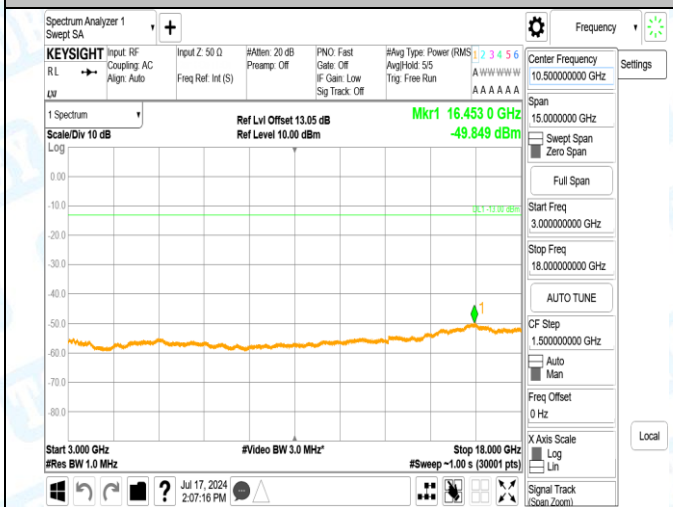
EGPRS1900-661-2-0.15~30MHz-PASS

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





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



6: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	VN	NT	17.85	0.021657	±2.5	PASS
GPRS850	128	VL	NT	10.51	0.012752	±2.5	PASS
GPRS850	128	VH	NT	11.16	0.013540	±2.5	PASS
GSM850	128	VN	NT	2.16	0.002621	±2.5	PASS
GSM850	128	VL	NT	3.83	0.004647	±2.5	PASS
GSM850	128	VH	NT	11.35	0.013771	±2.5	PASS
GPRS850	190	VN	NT	15.38	0.018384	±2.5	PASS
GPRS850	190	VL	NT	4.64	0.005546	±2.5	PASS
GPRS850	190	VH	NT	5.93	0.007088	±2.5	PASS
GSM850	190	VN	NT	0.70	0.000837	±2.5	PASS
GSM850	190	VL	NT	0.02	0.000024	±2.5	PASS
GSM850	190	VH	NT	0.50	0.000598	±2.5	PASS
GPRS850	251	VN	NT	6.44	0.007587	±2.5	PASS
GPRS850	251	VL	NT	-1.11	-0.001308	±2.5	PASS
GPRS850	251	VH	NT	2.21	0.002604	±2.5	PASS
GSM850	251	VN	NT	2.44	0.002875	±2.5	PASS
GSM850	251	VL	NT	0.11	0.000130	±2.5	PASS
GSM850	251	VH	NT	9.42	0.011098	±2.5	PASS
EGPRS850	128	VN	NT	9.62	0.011672	±2.5	PASS
EGPRS850	128	VL	NT	13.72	0.016646	±2.5	PASS
EGPRS850	128	VH	NT	10.18	0.012351	±2.5	PASS
EGPRS850	190	VN	NT	10.89	0.013017	±2.5	PASS
EGPRS850	190	VL	NT	9.04	0.010806	±2.5	PASS
EGPRS850	190	VH	NT	3.92	0.004686	±2.5	PASS
EGPRS850	251	VN	NT	11.71	0.013796	±2.5	PASS
EGPRS850	251	VL	NT	7.05	0.008306	±2.5	PASS
EGPRS850	251	VH	NT	11.64	0.013713	±2.5	PASS
GPRS1900	512	VN	NT	-3.36	-0.001816	±2.5	PASS
GPRS1900	512	VL	NT	-2.10	-0.001135	±2.5	PASS
GPRS1900	512	VH	NT	-9.41	-0.005086	±2.5	PASS
GSM1900	512	VN	NT	3.43	0.001854	±2.5	PASS
GSM1900	512	VL	NT	-0.92	-0.000497	±2.5	PASS
GSM1900	512	VH	NT	1.00	0.000540	±2.5	PASS
GPRS1900	661	VN	NT	13.52	0.007191	±2.5	PASS
GPRS1900	661	VL	NT	7.60	0.004043	±2.5	PASS
GPRS1900	661	VH	NT	15.59	0.008293	±2.5	PASS
GSM1900	661	VN	NT	2.90	0.001543	±2.5	PASS
GSM1900	661	VL	NT	-1.22	-0.000649	±2.5	PASS

GSM1900	661	VH	NT	0.46	0.000245	±2.5	PASS
GPRS1900	810	VN	NT	15.92	0.008336	±2.5	PASS
GPRS1900	810	VL	NT	7.57	0.003964	±2.5	PASS
GPRS1900	810	VH	NT	11.01	0.005765	±2.5	PASS
GSM1900	810	VN	NT	0.21	0.000110	±2.5	PASS
GSM1900	810	VL	NT	-0.91	-0.000476	±2.5	PASS
GSM1900	810	VH	NT	-4.23	-0.002215	±2.5	PASS
EGPRS1900	512	VN	NT	7.06	0.003816	±2.5	PASS
EGPRS1900	512	VL	NT	7.15	0.003864	±2.5	PASS
EGPRS1900	512	VH	NT	3.18	0.001719	±2.5	PASS
EGPRS1900	661	VN	NT	4.66	0.002479	±2.5	PASS
EGPRS1900	661	VL	NT	16.43	0.008739	±2.5	PASS
EGPRS1900	661	VH	NT	7.56	0.004021	±2.5	PASS
EGPRS1900	810	VN	NT	13.10	0.006859	±2.5	PASS
EGPRS1900	810	VL	NT	10.09	0.005283	±2.5	PASS
EGPRS1900	810	VH	NT	6.59	0.003451	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	NV	-30	11.06	0.013419	±2.5	PASS
GPRS850	128	NV	-20	13.88	0.016841	±2.5	PASS
GPRS850	128	NV	-10	10.08	0.012230	±2.5	PASS
GPRS850	128	NV	0	13.94	0.016913	±2.5	PASS
GPRS850	128	NV	10	7.58	0.009197	±2.5	PASS
GPRS850	128	NV	20	14.82	0.017981	±2.5	PASS
GPRS850	128	NV	30	7.08	0.008590	±2.5	PASS
GPRS850	128	NV	40	13.01	0.015785	±2.5	PASS
GPRS850	128	NV	50	13.72	0.016646	±2.5	PASS
GSM850	128	NV	-30	0.86	0.001043	±2.5	PASS
GSM850	128	NV	-20	2.02	0.002451	±2.5	PASS
GSM850	128	NV	-10	4.76	0.005775	±2.5	PASS
GSM850	128	NV	0	2.05	0.002487	±2.5	PASS
GSM850	128	NV	10	6.47	0.007850	±2.5	PASS
GSM850	128	NV	20	-1.14	-0.001383	±2.5	PASS
GSM850	128	NV	30	5.66	0.006867	±2.5	PASS
GSM850	128	NV	40	5.27	0.006394	±2.5	PASS
GSM850	128	NV	50	3.47	0.004210	±2.5	PASS
GPRS850	190	NV	-30	7.50	0.008965	±2.5	PASS
GPRS850	190	NV	-20	5.79	0.006921	±2.5	PASS
GPRS850	190	NV	-10	3.67	0.004387	±2.5	PASS
GPRS850	190	NV	0	2.44	0.002917	±2.5	PASS
GPRS850	190	NV	10	9.02	0.010782	±2.5	PASS
GPRS850	190	NV	20	6.08	0.007268	±2.5	PASS
GPRS850	190	NV	30	6.66	0.007961	±2.5	PASS
GPRS850	190	NV	40	5.70	0.006813	±2.5	PASS
GPRS850	190	NV	50	9.89	0.011822	±2.5	PASS
GSM850	190	NV	-30	-0.52	-0.000622	±2.5	PASS
GSM850	190	NV	-20	7.29	0.008714	±2.5	PASS
GSM850	190	NV	-10	-2.48	-0.002964	±2.5	PASS
GSM850	190	NV	0	5.67	0.006777	±2.5	PASS
GSM850	190	NV	10	2.99	0.003574	±2.5	PASS
GSM850	190	NV	20	9.04	0.010806	±2.5	PASS
GSM850	190	NV	30	9.66	0.011547	±2.5	PASS
GSM850	190	NV	40	2.66	0.003180	±2.5	PASS
GSM850	190	NV	50	3.38	0.004040	±2.5	PASS
GPRS850	251	NV	-30	4.33	0.005101	±2.5	PASS
GPRS850	251	NV	-20	10.13	0.011934	±2.5	PASS
GPRS850	251	NV	-10	3.26	0.003841	±2.5	PASS
GPRS850	251	NV	0	3.08	0.003629	±2.5	PASS

GPRS850	251	NV	10	12.99	0.015304	±2.5	PASS
GPRS850	251	NV	20	12.61	0.014856	±2.5	PASS
GPRS850	251	NV	30	14.72	0.017342	±2.5	PASS
GPRS850	251	NV	40	2.42	0.002851	±2.5	PASS
GPRS850	251	NV	50	15.96	0.018803	±2.5	PASS
GSM850	251	NV	-30	3.63	0.004277	±2.5	PASS
GSM850	251	NV	-20	6.83	0.008047	±2.5	PASS
GSM850	251	NV	-10	6.83	0.008047	±2.5	PASS
GSM850	251	NV	0	3.99	0.004701	±2.5	PASS
GSM850	251	NV	10	4.19	0.004936	±2.5	PASS
GSM850	251	NV	20	4.71	0.005549	±2.5	PASS
GSM850	251	NV	30	4.57	0.005384	±2.5	PASS
GSM850	251	NV	40	3.98	0.004689	±2.5	PASS
GSM850	251	NV	50	1.28	0.001508	±2.5	PASS
EGPRS850	128	NV	-30	10.23	0.012412	±2.5	PASS
EGPRS850	128	NV	-20	10.19	0.012364	±2.5	PASS
EGPRS850	128	NV	-10	12.26	0.014875	±2.5	PASS
EGPRS850	128	NV	0	11.04	0.013395	±2.5	PASS
EGPRS850	128	NV	10	14.66	0.017787	±2.5	PASS
EGPRS850	128	NV	20	12.84	0.015579	±2.5	PASS
EGPRS850	128	NV	30	13.66	0.016574	±2.5	PASS
EGPRS850	128	NV	40	16.49	0.020007	±2.5	PASS
EGPRS850	128	NV	50	17.41	0.021124	±2.5	PASS
EGPRS850	190	NV	-30	9.74	0.011642	±2.5	PASS
EGPRS850	190	NV	-20	1.34	0.001602	±2.5	PASS
EGPRS850	190	NV	-10	1.52	0.001817	±2.5	PASS
EGPRS850	190	NV	0	5.22	0.006240	±2.5	PASS
EGPRS850	190	NV	10	10.22	0.012216	±2.5	PASS
EGPRS850	190	NV	20	9.91	0.011846	±2.5	PASS
EGPRS850	190	NV	30	9.32	0.011140	±2.5	PASS
EGPRS850	190	NV	40	9.65	0.011535	±2.5	PASS
EGPRS850	190	NV	50	10.23	0.012228	±2.5	PASS
EGPRS850	251	NV	-30	10.32	0.012158	±2.5	PASS
EGPRS850	251	NV	-20	7.52	0.008860	±2.5	PASS
EGPRS850	251	NV	-10	8.03	0.009460	±2.5	PASS
EGPRS850	251	NV	0	6.32	0.007446	±2.5	PASS
EGPRS850	251	NV	10	10.31	0.012147	±2.5	PASS
EGPRS850	251	NV	20	9.10	0.010721	±2.5	PASS
EGPRS850	251	NV	30	12.24	0.014420	±2.5	PASS
EGPRS850	251	NV	40	12.79	0.015068	±2.5	PASS
EGPRS850	251	NV	50	14.68	0.017295	±2.5	PASS
GPRS1900	512	NV	-30	7.40	0.004000	±2.5	PASS
GPRS1900	512	NV	-20	6.65	0.003594	±2.5	PASS
GPRS1900	512	NV	-10	1.08	0.000584	±2.5	PASS