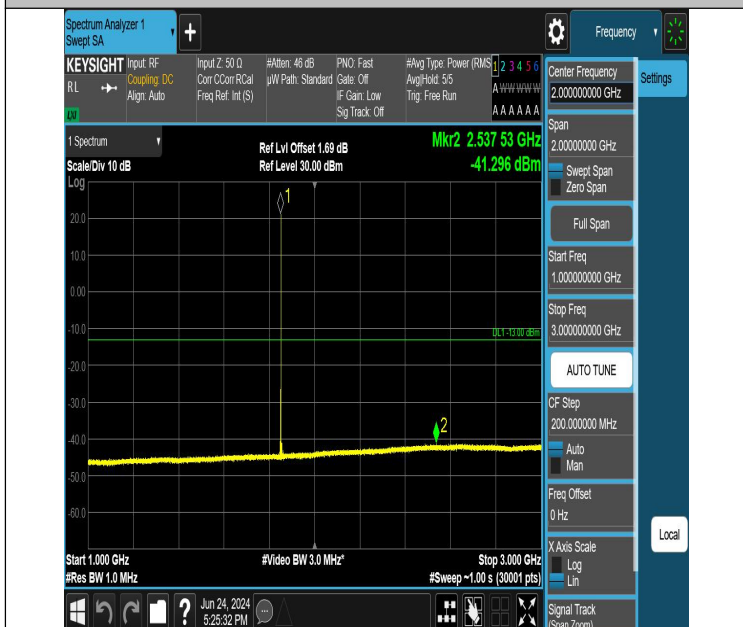


GSM1900-512-0-30~1000MHz-PASS



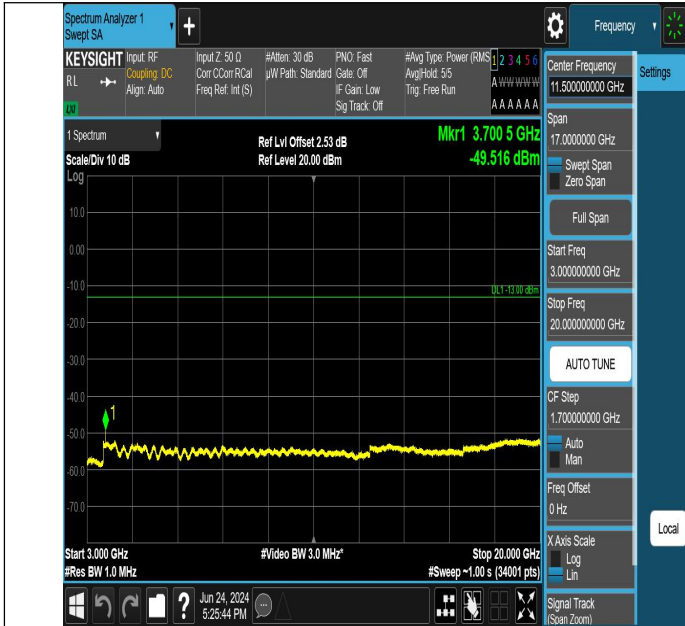
GPRS1900-512-0-30~1000MHz-PASS



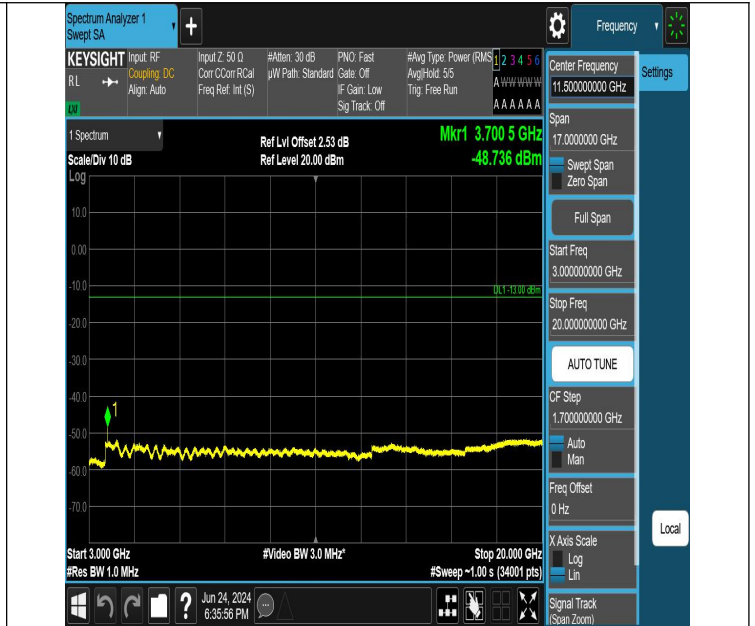
GSM1900-512-0-1000~3000MHz-PASS



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



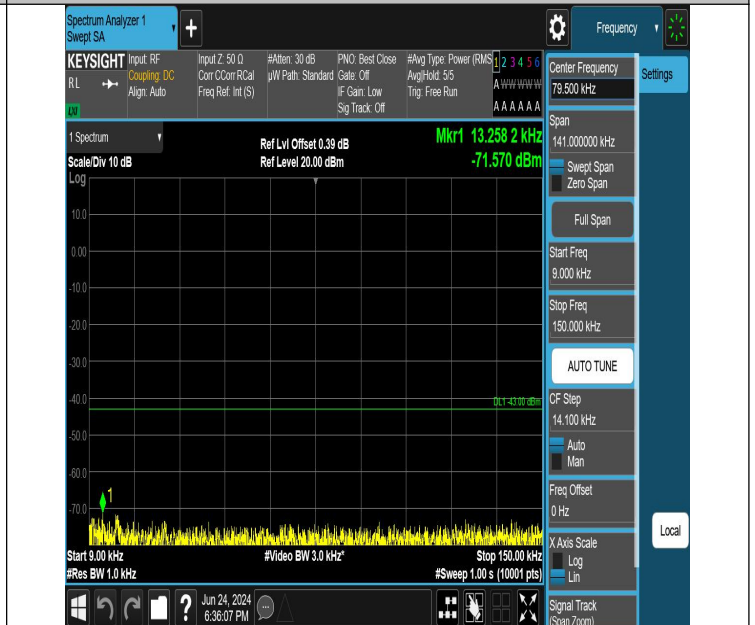
GSM1900-512-0-3000~20000MHz-PASS



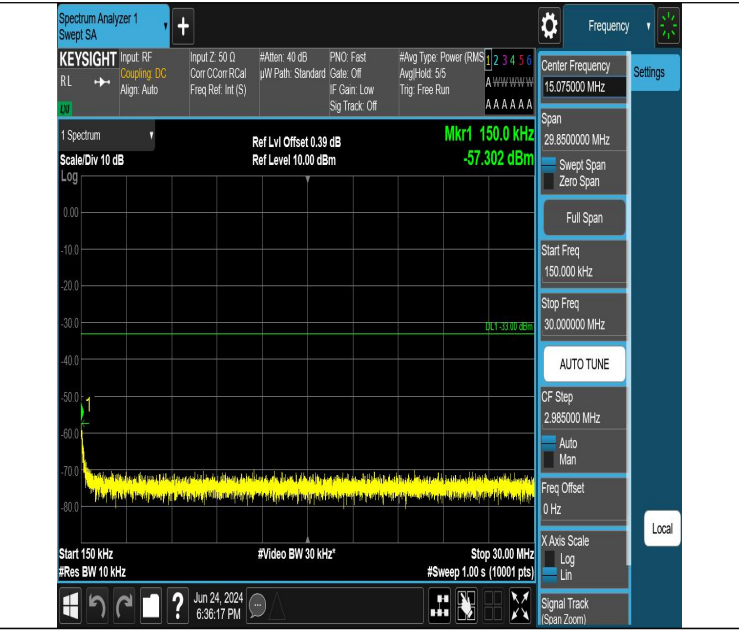
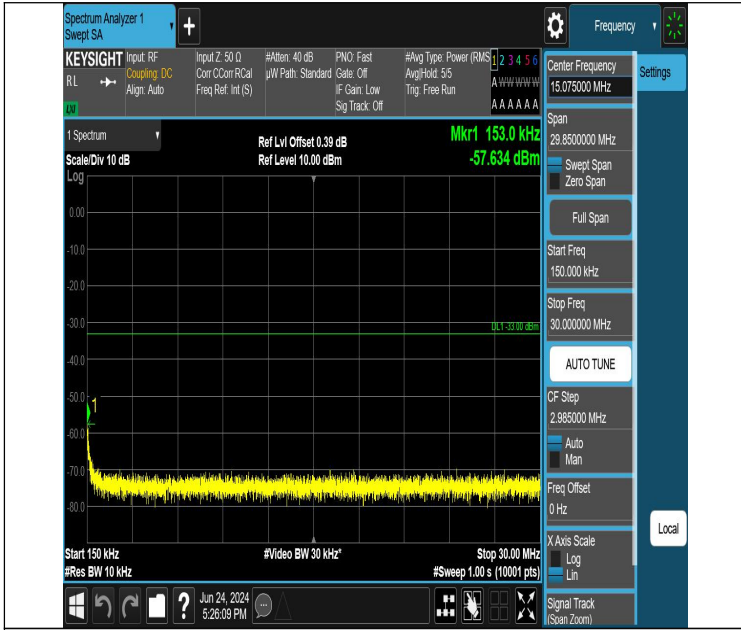
GPRS1900-512-0-3000~20000MHz-PASS



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



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



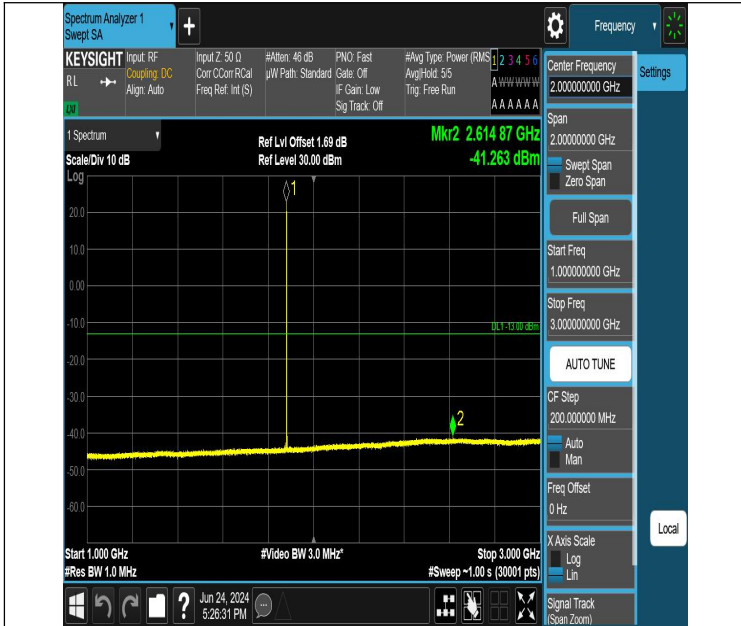
GSM1900-661-0-0.15~30MHz-PASS

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



GSM1900-661-0-30~100MHz-PASS

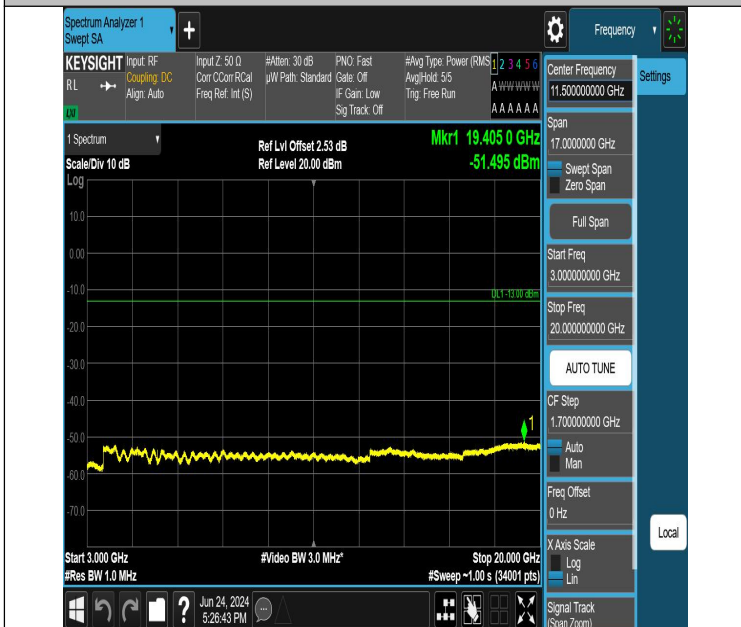
GPRS1900-661-0-30~100MHz-PASS



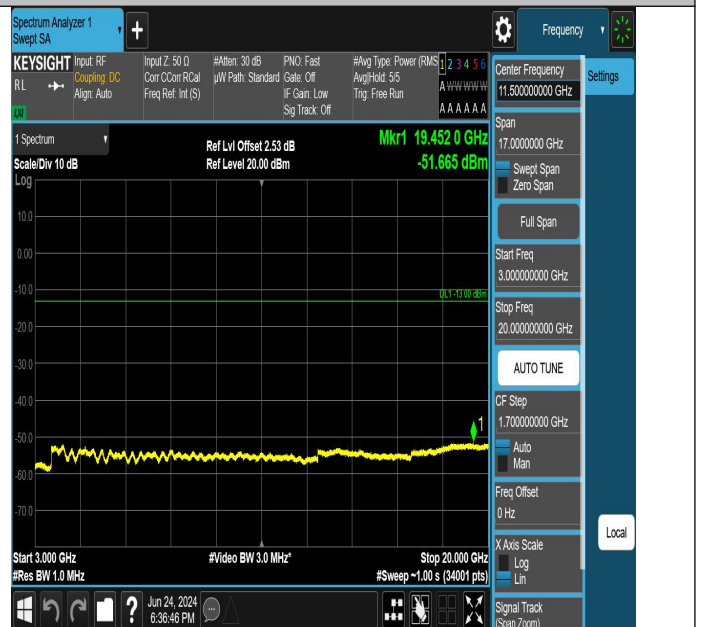
GSM1900-661-0-1000~3000MHz-PASS



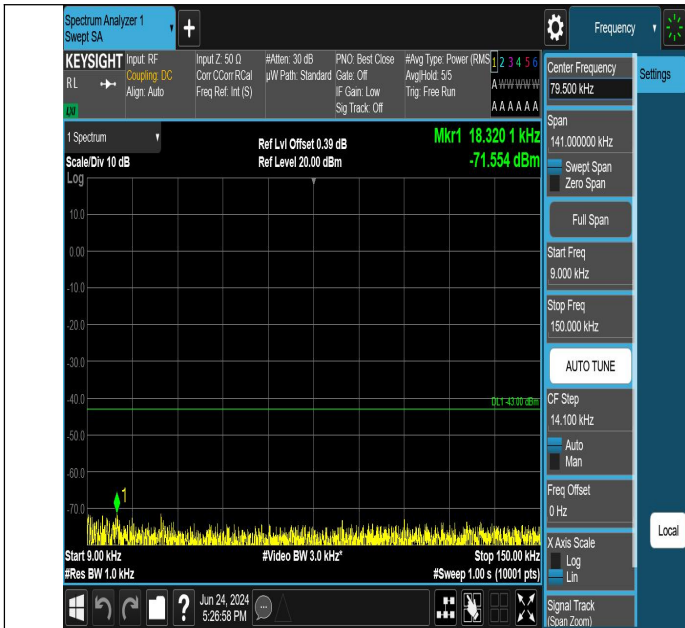
GPRS1900-661-0-1000~3000MHz-PASS



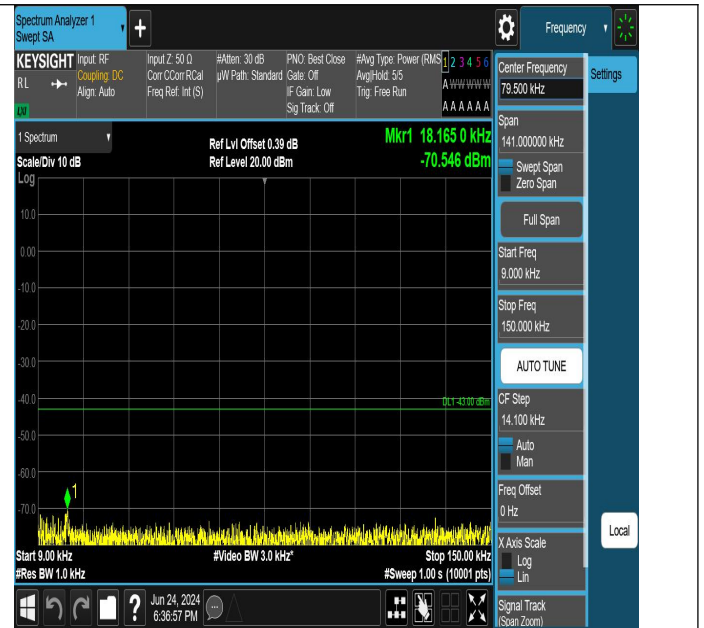
GSM1900-661-0-3000~20000MHz-PASS



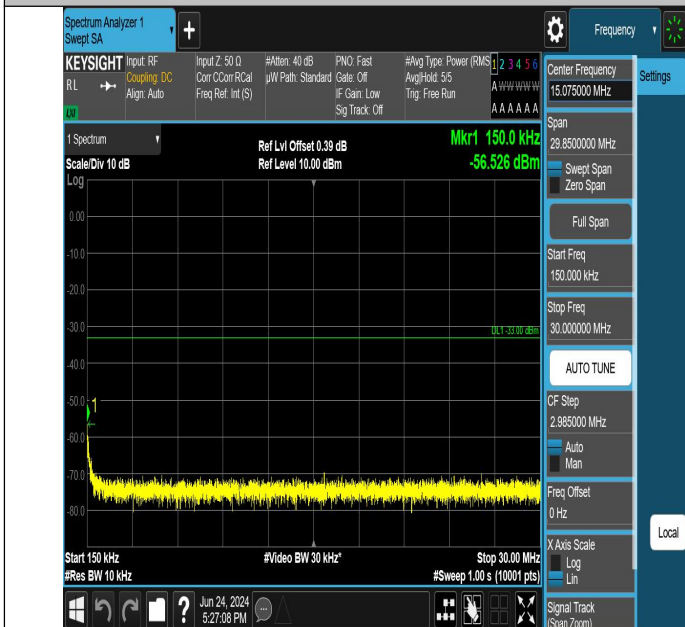
GPRS1900-661-0-3000~20000MHz-PASS



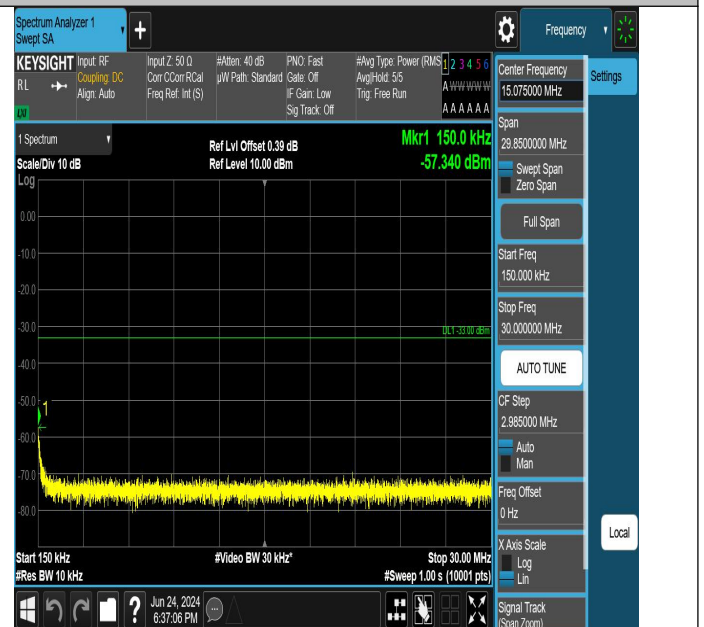
GSM1900-810-0-0.009~0.15MHz-PASS



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



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



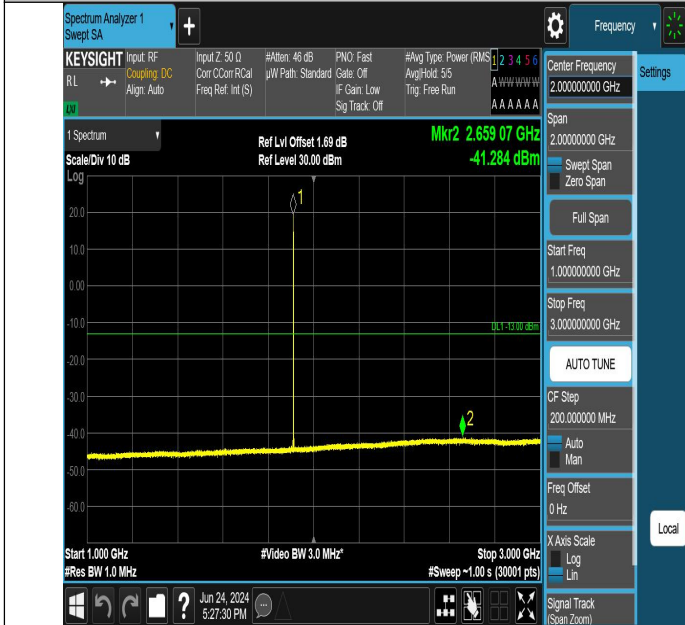
GPRS1900-810-0-0.15~30MHz-PASS



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



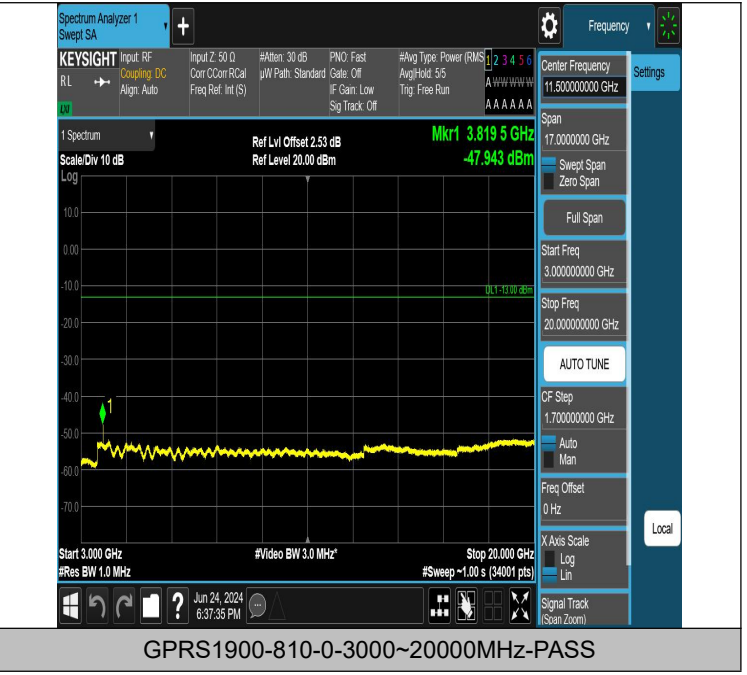
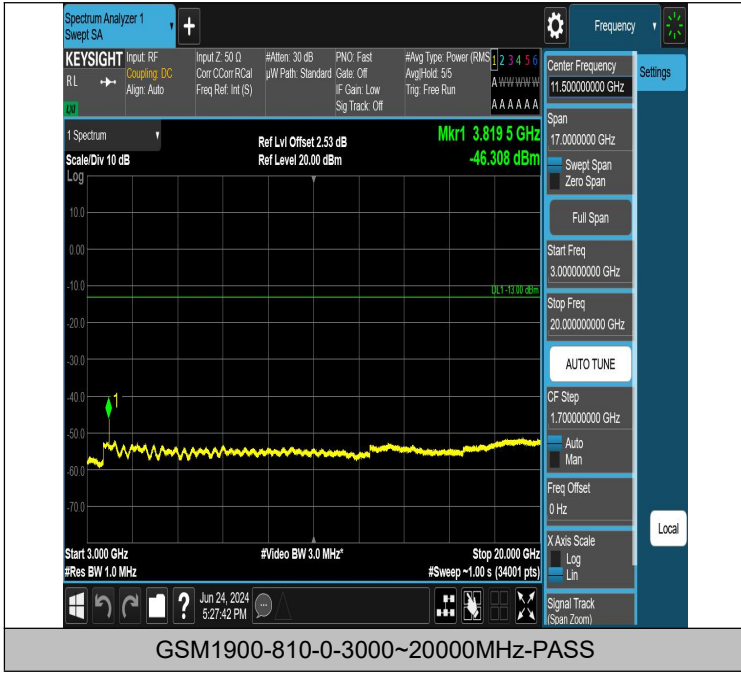
GPRS1900-810-0-30~1000MHz-PASS



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



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



Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM1900	512	VN	NT	-25.45	-0.013755	±2.5	PASS
GSM1900	512	VL	NT	-22.57	-0.012199	±2.5	PASS
GSM1900	512	VH	NT	-24.42	-0.013199	±2.5	PASS
GPRS1900	512	VN	NT	-23.33	-0.012609	±2.5	PASS
GPRS1900	512	VL	NT	-22.12	-0.011955	±2.5	PASS
GPRS1900	512	VH	NT	-23.40	-0.012647	±2.5	PASS
GSM1900	661	VN	NT	-26.60	-0.014149	±2.5	PASS
GSM1900	661	VL	NT	-23.79	-0.012654	±2.5	PASS
GSM1900	661	VH	NT	-24.83	-0.013207	±2.5	PASS
GPRS1900	661	VN	NT	-24.38	-0.012968	±2.5	PASS
GPRS1900	661	VL	NT	-24.11	-0.012824	±2.5	PASS
GPRS1900	661	VH	NT	-23.64	-0.012574	±2.5	PASS
GSM1900	810	VN	NT	-24.66	-0.012912	±2.5	PASS
GSM1900	810	VL	NT	-24.28	-0.012713	±2.5	PASS
GSM1900	810	VH	NT	-22.15	-0.011598	±2.5	PASS
GPRS1900	810	VN	NT	-22.57	-0.011818	±2.5	PASS
GPRS1900	810	VL	NT	-21.69	-0.011357	±2.5	PASS
GPRS1900	810	VH	NT	-23.46	-0.012284	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM1900	512	NV	-30	-23.97	-0.012955	±2.5	PASS
GSM1900	512	NV	-20	-23.25	-0.012566	±2.5	PASS
GSM1900	512	NV	-10	-25.45	-0.013755	±2.5	PASS
GSM1900	512	NV	0	-24.40	-0.013188	±2.5	PASS
GSM1900	512	NV	10	-23.55	-0.012728	±2.5	PASS
GSM1900	512	NV	20	-26.14	-0.014128	±2.5	PASS
GSM1900	512	NV	30	-22.40	-0.012107	±2.5	PASS
GSM1900	512	NV	40	-22.90	-0.012377	±2.5	PASS
GSM1900	512	NV	50	-23.62	-0.012766	±2.5	PASS
GPRS1900	512	NV	-30	-23.00	-0.012431	±2.5	PASS
GPRS1900	512	NV	-20	-23.48	-0.012691	±2.5	PASS
GPRS1900	512	NV	-10	-22.95	-0.012404	±2.5	PASS
GPRS1900	512	NV	0	-24.40	-0.013188	±2.5	PASS
GPRS1900	512	NV	10	-22.77	-0.012307	±2.5	PASS

GPRS1900	512	NV	20	-22.97	-0.012415	±2.5	PASS
GPRS1900	512	NV	30	-24.15	-0.013053	±2.5	PASS
GPRS1900	512	NV	40	-24.03	-0.012988	±2.5	PASS
GPRS1900	512	NV	50	-21.72	-0.011739	±2.5	PASS
GSM1900	661	NV	-30	-23.24	-0.012362	±2.5	PASS
GSM1900	661	NV	-20	-22.61	-0.012027	±2.5	PASS
GSM1900	661	NV	-10	-24.86	-0.013223	±2.5	PASS
GSM1900	661	NV	0	-24.37	-0.012963	±2.5	PASS
GSM1900	661	NV	10	-26.08	-0.013872	±2.5	PASS
GSM1900	661	NV	20	-22.14	-0.011777	±2.5	PASS
GSM1900	661	NV	30	-24.05	-0.012793	±2.5	PASS
GSM1900	661	NV	40	-24.55	-0.013059	±2.5	PASS
GSM1900	661	NV	50	-23.48	-0.012489	±2.5	PASS
GPRS1900	661	NV	-30	-24.00	-0.012766	±2.5	PASS
GPRS1900	661	NV	-20	-24.36	-0.012957	±2.5	PASS
GPRS1900	661	NV	-10	-23.66	-0.012585	±2.5	PASS
GPRS1900	661	NV	0	-24.14	-0.012840	±2.5	PASS
GPRS1900	661	NV	10	-22.90	-0.012181	±2.5	PASS
GPRS1900	661	NV	20	-22.83	-0.012144	±2.5	PASS
GPRS1900	661	NV	30	-22.25	-0.011835	±2.5	PASS
GPRS1900	661	NV	40	-24.26	-0.012904	±2.5	PASS
GPRS1900	661	NV	50	-23.19	-0.012335	±2.5	PASS
GSM1900	810	NV	-30	-24.91	-0.013043	±2.5	PASS
GSM1900	810	NV	-20	-22.27	-0.011661	±2.5	PASS
GSM1900	810	NV	-10	-22.88	-0.011980	±2.5	PASS
GSM1900	810	NV	0	-23.61	-0.012363	±2.5	PASS
GSM1900	810	NV	10	-25.09	-0.013138	±2.5	PASS
GSM1900	810	NV	20	-23.91	-0.012520	±2.5	PASS
GSM1900	810	NV	30	-23.70	-0.012410	±2.5	PASS
GSM1900	810	NV	40	-24.46	-0.012808	±2.5	PASS
GSM1900	810	NV	50	-25.46	-0.013331	±2.5	PASS
GPRS1900	810	NV	-30	-21.99	-0.011514	±2.5	PASS
GPRS1900	810	NV	-20	-21.71	-0.011368	±2.5	PASS
GPRS1900	810	NV	-10	-22.26	-0.011656	±2.5	PASS
GPRS1900	810	NV	0	-21.78	-0.011404	±2.5	PASS
GPRS1900	810	NV	10	-22.32	-0.011687	±2.5	PASS
GPRS1900	810	NV	20	-20.59	-0.010781	±2.5	PASS
GPRS1900	810	NV	30	-22.48	-0.011771	±2.5	PASS
GPRS1900	810	NV	40	-21.09	-0.011043	±2.5	PASS
GPRS1900	810	NV	50	-21.89	-0.011462	±2.5	PASS