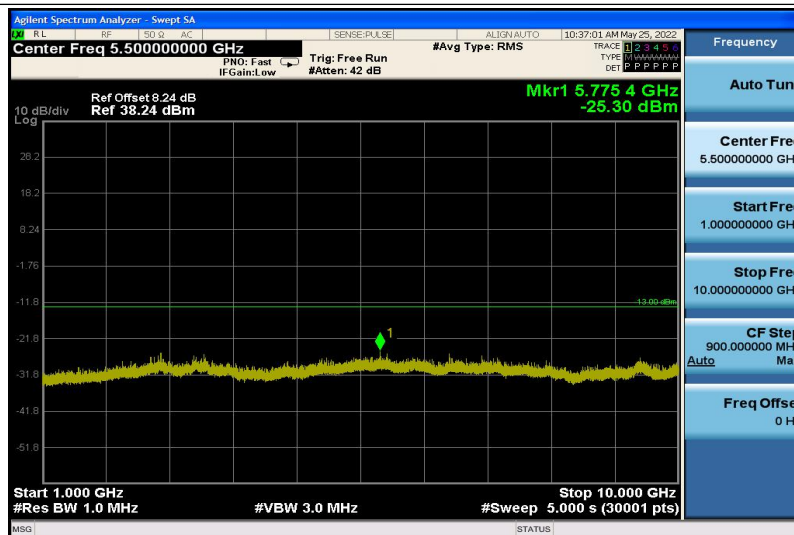
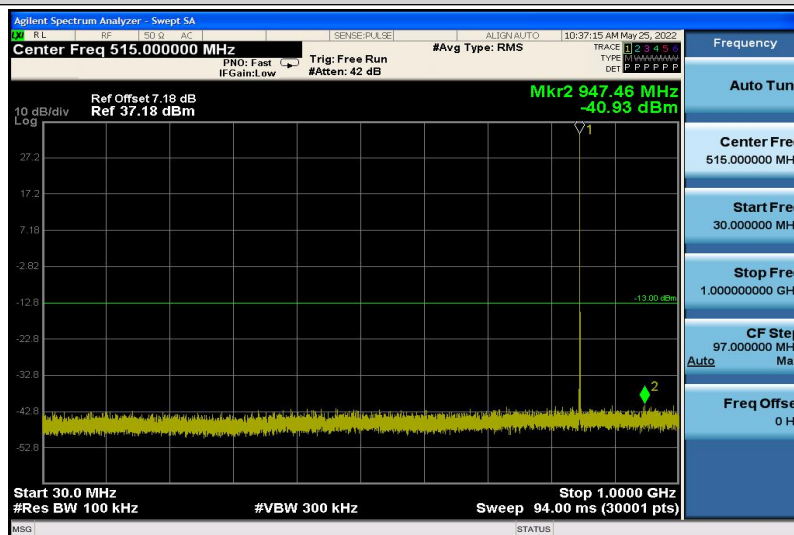
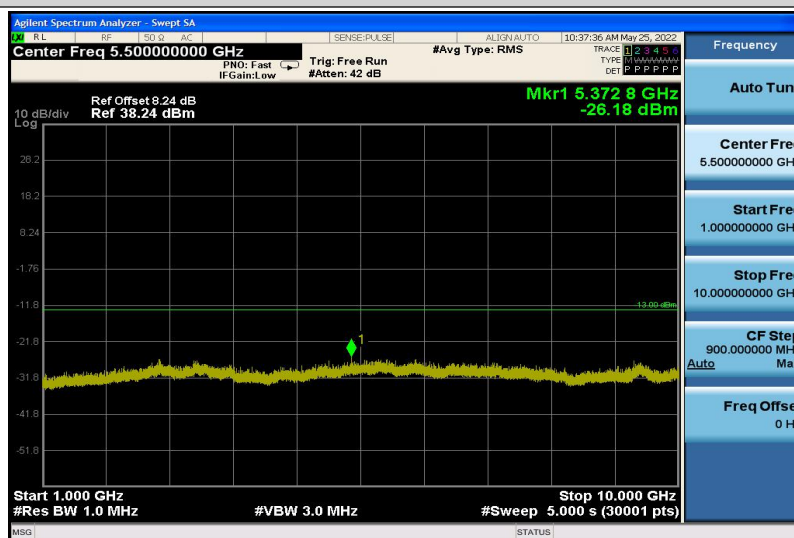




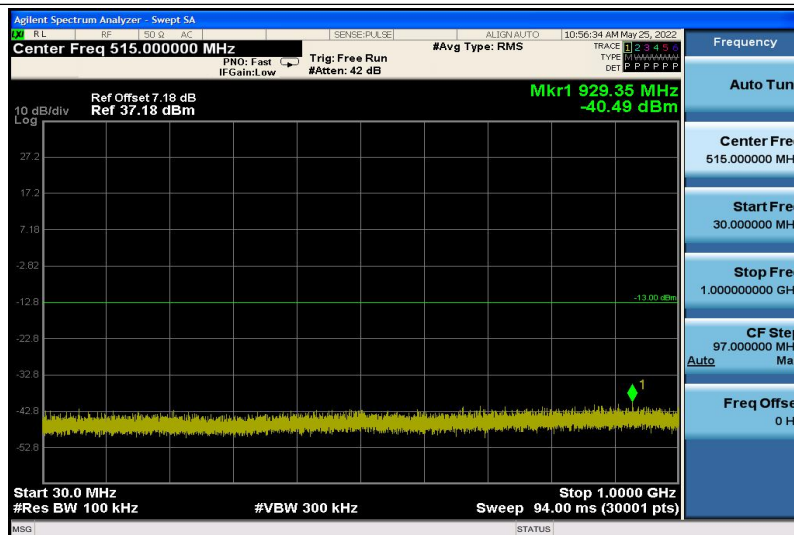
GPRS850-190-1000~10000



GPRS850-251-30~1000



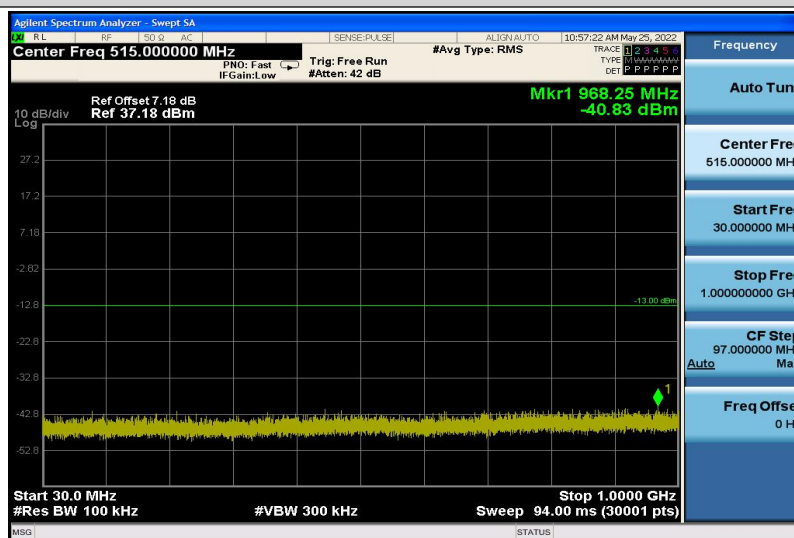
GPRS850-251-1000~10000



GSM1900-512-30~1000



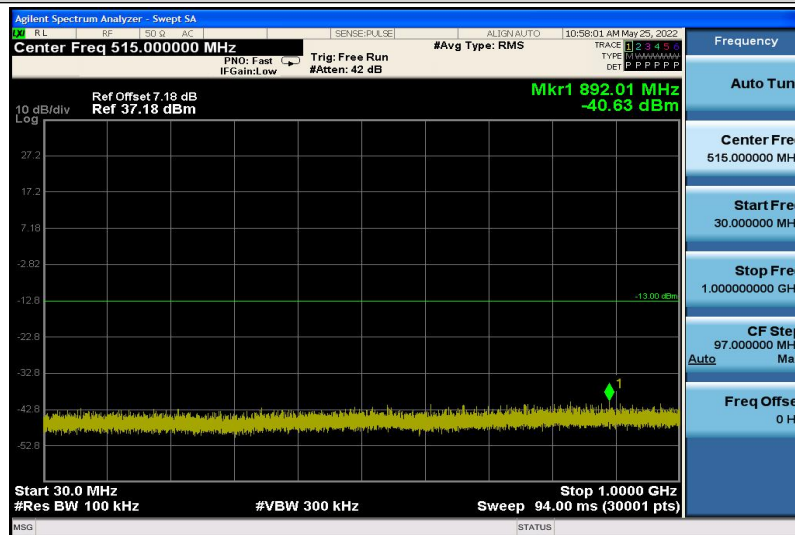
GSM1900-512-1000~20000



GSM1900-661-30~1000



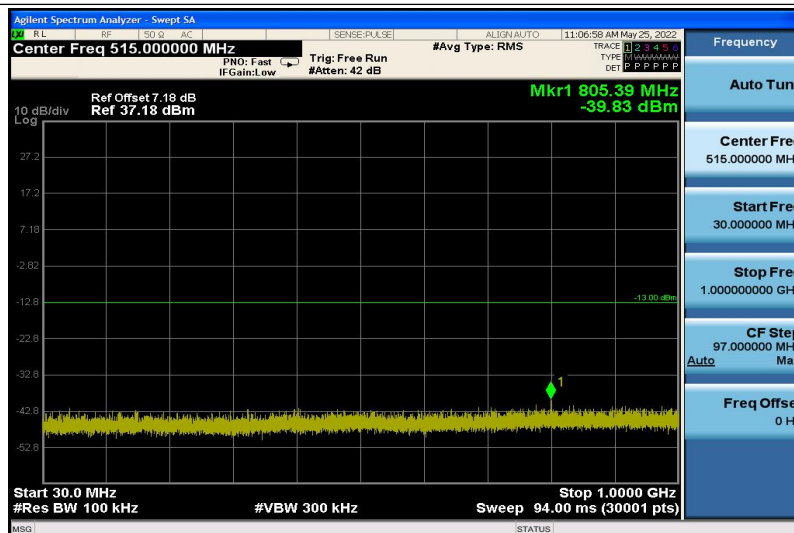
GSM1900-661-1000~20000



GSM1900-810-30~1000



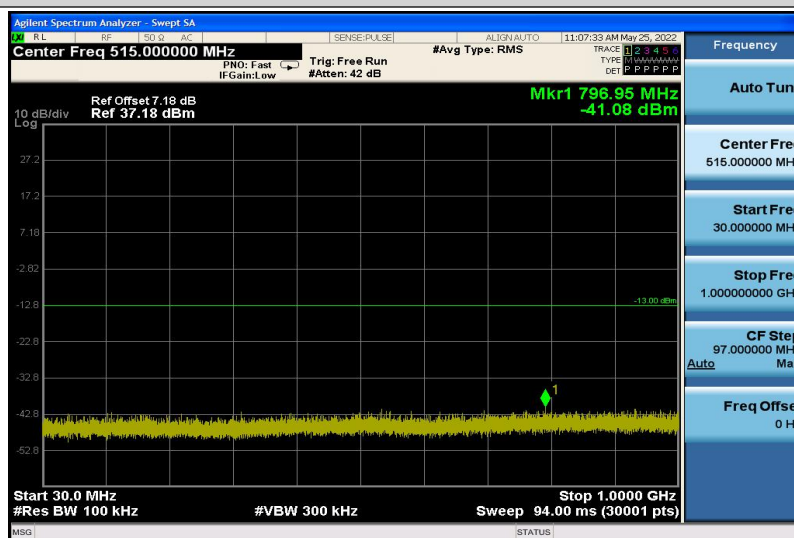
GSM1900-810-1000~20000



GPRS1900-512-30~1000



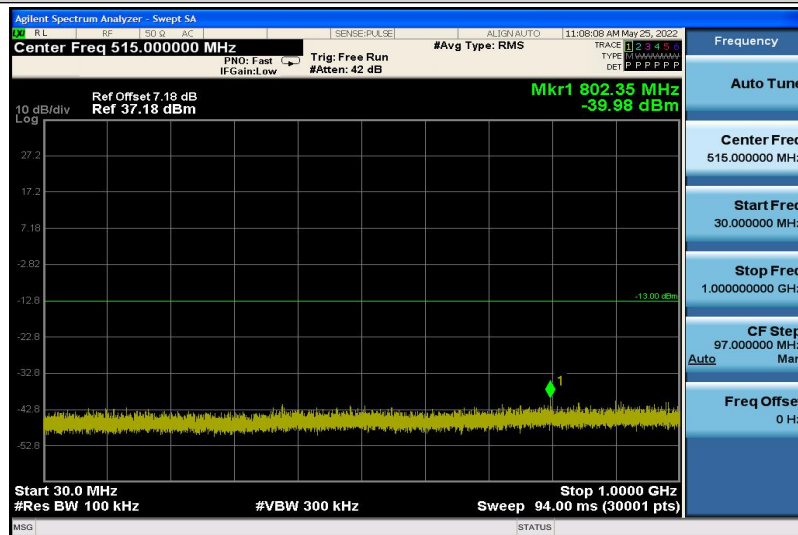
GPRS1900-512-1000~20000



GPRS1900-661-30~1000



GPRS1900-661-1000~20000



GPRS1900-810-30~1000



GPRS1900-810-1000~20000

8.6 Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	18.98	0.023028	2.5	PASS
GSM850	128	VN	TN	18.63	0.022604	2.5	PASS
GSM850	128	VH	TN	18.53	0.022482	2.5	PASS
GSM850	190	VL	TN	22.66	0.027086	2.5	PASS
GSM850	190	VN	TN	26.80	0.032034	2.5	PASS
GSM850	190	VH	TN	19.95	0.023847	2.5	PASS
GSM850	251	VL	TN	17.92	0.021112	2.5	PASS
GSM850	251	VN	TN	21.86	0.025754	2.5	PASS
GSM850	251	VH	TN	18.92	0.022290	2.5	PASS
GPRS850	128	VL	TN	15.27	0.018527	2.5	PASS
GPRS850	128	VN	TN	18.63	0.022604	2.5	PASS
GPRS850	128	VH	TN	19.02	0.023077	2.5	PASS
GPRS850	190	VL	TN	21.05	0.025161	2.5	PASS
GPRS850	190	VN	TN	18.98	0.022687	2.5	PASS
GPRS850	190	VH	TN	17.47	0.020882	2.5	PASS
GPRS850	251	VL	TN	19.34	0.022785	2.5	PASS
GPRS850	251	VN	TN	19.47	0.022938	2.5	PASS
GPRS850	251	VH	TN	18.11	0.021336	2.5	PASS
GSM1900	512	VL	TN	13.79	0.007453	2.5	PASS
GSM1900	512	VN	TN	20.86	0.011274	2.5	PASS
GSM1900	512	VH	TN	20.92	0.011307	2.5	PASS
GSM1900	661	VL	TN	22.83	0.012144	2.5	PASS
GSM1900	661	VN	TN	20.28	0.010787	2.5	PASS
GSM1900	661	VH	TN	24.05	0.012793	2.5	PASS
GSM1900	810	VL	TN	23.08	0.012085	2.5	PASS
GSM1900	810	VN	TN	18.21	0.009535	2.5	PASS
GSM1900	810	VH	TN	16.59	0.008687	2.5	PASS
GPRS1900	512	VL	TN	19.53	0.010556	2.5	PASS
GPRS1900	512	VN	TN	17.89	0.009669	2.5	PASS
GPRS1900	512	VH	TN	14.46	0.007815	2.5	PASS
GPRS1900	661	VL	TN	20.57	0.010941	2.5	PASS
GPRS1900	661	VN	TN	18.11	0.009633	2.5	PASS
GPRS1900	661	VH	TN	15.50	0.008245	2.5	PASS
GPRS1900	810	VL	TN	20.99	0.010991	2.5	PASS
GPRS1900	810	VN	TN	21.15	0.011074	2.5	PASS

GPRS1900	810	VH	TN	20.89	0.010938	2.5	PASS
----------	-----	----	----	-------	----------	-----	------

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	18.73	0.022725	2.5	PASS
GSM850	128	VN	-20	19.98	0.024242	2.5	PASS
GSM850	128	VN	-10	19.60	0.023781	2.5	PASS
GSM850	128	VN	0	19.89	0.024132	2.5	PASS
GSM850	128	VN	10	19.60	0.023781	2.5	PASS
GSM850	128	VN	20	19.60	0.023781	2.5	PASS
GSM850	128	VN	30	19.08	0.023150	2.5	PASS
GSM850	128	VN	40	17.85	0.021657	2.5	PASS
GSM850	128	VN	50	19.08	0.023150	2.5	PASS
GSM850	190	VN	-30	24.12	0.028831	2.5	PASS
GSM850	190	VN	-20	19.21	0.022962	2.5	PASS
GSM850	190	VN	-10	19.02	0.022735	2.5	PASS
GSM850	190	VN	0	24.70	0.029524	2.5	PASS
GSM850	190	VN	10	18.18	0.021731	2.5	PASS
GSM850	190	VN	20	20.73	0.024779	2.5	PASS
GSM850	190	VN	30	17.95	0.021456	2.5	PASS
GSM850	190	VN	40	15.17	0.018133	2.5	PASS
GSM850	190	VN	50	13.50	0.016137	2.5	PASS
GSM850	251	VN	-30	17.95	0.021148	2.5	PASS
GSM850	251	VN	-20	18.24	0.021489	2.5	PASS
GSM850	251	VN	-10	19.47	0.022938	2.5	PASS
GSM850	251	VN	0	18.47	0.021760	2.5	PASS
GSM850	251	VN	10	17.98	0.021183	2.5	PASS
GSM850	251	VN	20	18.14	0.021371	2.5	PASS
GSM850	251	VN	30	19.73	0.023245	2.5	PASS
GSM850	251	VN	40	19.18	0.022597	2.5	PASS
GSM850	251	VN	50	19.63	0.023127	2.5	PASS
GPRS850	128	VN	-30	17.31	0.021002	2.5	PASS
GPRS850	128	VN	-20	17.63	0.021390	2.5	PASS
GPRS850	128	VN	-10	17.98	0.021815	2.5	PASS
GPRS850	128	VN	0	19.73	0.023938	2.5	PASS
GPRS850	128	VN	10	18.56	0.022519	2.5	PASS
GPRS850	128	VN	20	18.89	0.022919	2.5	PASS
GPRS850	128	VN	30	18.50	0.022446	2.5	PASS
GPRS850	128	VN	40	17.89	0.021706	2.5	PASS
GPRS850	128	VN	50	17.98	0.021815	2.5	PASS
GPRS850	190	VN	-30	18.27	0.021838	2.5	PASS
GPRS850	190	VN	-20	17.60	0.021038	2.5	PASS

GPRS850	190	VN	-10	18.73	0.022388	2.5	PASS
GPRS850	190	VN	0	18.92	0.022615	2.5	PASS
GPRS850	190	VN	10	18.40	0.021994	2.5	PASS
GPRS850	190	VN	20	18.37	0.021958	2.5	PASS
GPRS850	190	VN	30	17.47	0.020882	2.5	PASS
GPRS850	190	VN	40	17.14	0.020488	2.5	PASS
GPRS850	190	VN	50	16.85	0.020141	2.5	PASS
GPRS850	251	VN	-30	18.50	0.021795	2.5	PASS
GPRS850	251	VN	-20	19.11	0.022514	2.5	PASS
GPRS850	251	VN	-10	19.63	0.023127	2.5	PASS
GPRS850	251	VN	0	19.11	0.022514	2.5	PASS
GPRS850	251	VN	10	18.85	0.022208	2.5	PASS
GPRS850	251	VN	20	17.47	0.020582	2.5	PASS
GPRS850	251	VN	30	19.24	0.022667	2.5	PASS
GPRS850	251	VN	40	19.11	0.022514	2.5	PASS
GPRS850	251	VN	50	18.89	0.022255	2.5	PASS
GSM1900	512	VN	-30	19.60	0.010593	2.5	PASS
GSM1900	512	VN	-20	21.47	0.011604	2.5	PASS
GSM1900	512	VN	-10	20.37	0.011010	2.5	PASS
GSM1900	512	VN	0	19.40	0.010485	2.5	PASS
GSM1900	512	VN	10	18.56	0.010031	2.5	PASS
GSM1900	512	VN	20	22.54	0.012182	2.5	PASS
GSM1900	512	VN	30	18.44	0.009966	2.5	PASS
GSM1900	512	VN	40	20.40	0.011026	2.5	PASS
GSM1900	512	VN	50	19.02	0.010280	2.5	PASS
GSM1900	661	VN	-30	15.79	0.008399	2.5	PASS
GSM1900	661	VN	-20	15.17	0.008069	2.5	PASS
GSM1900	661	VN	-10	22.05	0.011729	2.5	PASS
GSM1900	661	VN	0	23.28	0.012383	2.5	PASS
GSM1900	661	VN	10	22.24	0.011830	2.5	PASS
GSM1900	661	VN	20	22.28	0.011851	2.5	PASS
GSM1900	661	VN	30	21.70	0.011543	2.5	PASS
GSM1900	661	VN	40	23.89	0.012707	2.5	PASS
GSM1900	661	VN	50	22.63	0.012037	2.5	PASS
GSM1900	810	VN	-30	21.24	0.011122	2.5	PASS
GSM1900	810	VN	-20	19.08	0.009991	2.5	PASS
GSM1900	810	VN	-10	21.21	0.011106	2.5	PASS
GSM1900	810	VN	0	21.57	0.011294	2.5	PASS
GSM1900	810	VN	10	20.28	0.010619	2.5	PASS
GSM1900	810	VN	20	19.05	0.009975	2.5	PASS
GSM1900	810	VN	30	19.69	0.010310	2.5	PASS
GSM1900	810	VN	40	17.72	0.009278	2.5	PASS
GSM1900	810	VN	50	19.47	0.010195	2.5	PASS

GPRS1900	512	VN	-30	19.08	0.010312	2.5	PASS
GPRS1900	512	VN	-20	17.37	0.009388	2.5	PASS
GPRS1900	512	VN	-10	18.24	0.009858	2.5	PASS
GPRS1900	512	VN	0	16.82	0.009091	2.5	PASS
GPRS1900	512	VN	10	17.56	0.009491	2.5	PASS
GPRS1900	512	VN	20	18.76	0.010139	2.5	PASS
GPRS1900	512	VN	30	18.31	0.009896	2.5	PASS
GPRS1900	512	VN	40	18.14	0.009804	2.5	PASS
GPRS1900	512	VN	50	19.53	0.010556	2.5	PASS
GPRS1900	661	VN	-30	17.31	0.009207	2.5	PASS
GPRS1900	661	VN	-20	17.63	0.009378	2.5	PASS
GPRS1900	661	VN	-10	18.24	0.009702	2.5	PASS
GPRS1900	661	VN	0	20.40	0.010851	2.5	PASS
GPRS1900	661	VN	10	14.66	0.007798	2.5	PASS
GPRS1900	661	VN	20	17.56	0.009340	2.5	PASS
GPRS1900	661	VN	30	18.40	0.009787	2.5	PASS
GPRS1900	661	VN	40	16.56	0.008809	2.5	PASS
GPRS1900	661	VN	50	16.11	0.008569	2.5	PASS
GPRS1900	810	VN	-30	19.40	0.010158	2.5	PASS
GPRS1900	810	VN	-20	21.28	0.011143	2.5	PASS
GPRS1900	810	VN	-10	17.66	0.009247	2.5	PASS
GPRS1900	810	VN	0	19.79	0.010362	2.5	PASS
GPRS1900	810	VN	10	19.57	0.010247	2.5	PASS
GPRS1900	810	VN	20	21.11	0.011054	2.5	PASS
GPRS1900	810	VN	30	20.11	0.010530	2.5	PASS
GPRS1900	810	VN	40	16.92	0.008860	2.5	PASS
GPRS1900	810	VN	50	17.53	0.009179	2.5	PASS

8.7 Appendix G: ERP and EIRP

Test Result

Band	Mode	Conducted Power (dBm)	Antenna Gain (dBi)	ERP		Limit (W)	Verdict
				(dBm)	(W)		
GSM850	GSM	34.61	-0.30	32.16	1.6444	7	PASS
	GPRS	34.48	-0.30	32.03	1.5959	7	PASS

Band	Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP		Limit (W)	Verdict
				(dBm)	(W)		
GSM1900	GSM	30.17	0.60	30.77	1.1940	2	PASS
	GPRS	30.00	0.60	30.60	1.1482	2	PASS

-----End of the Report -----