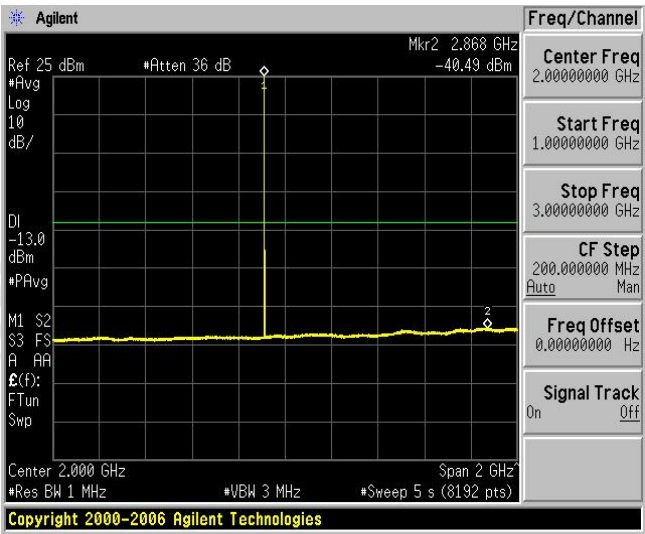
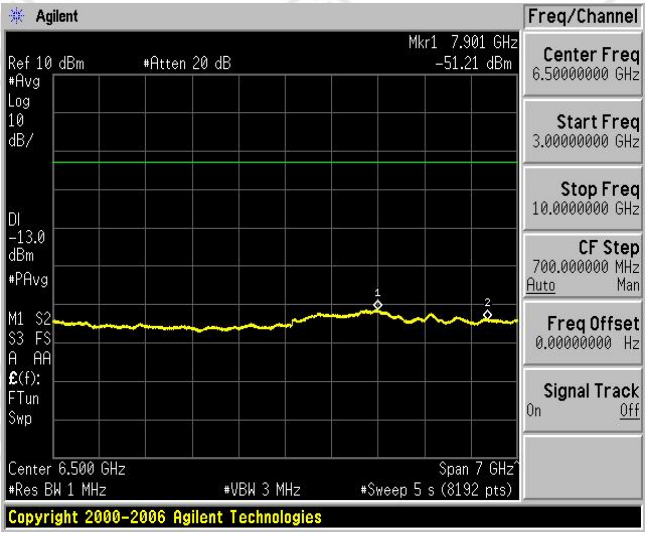
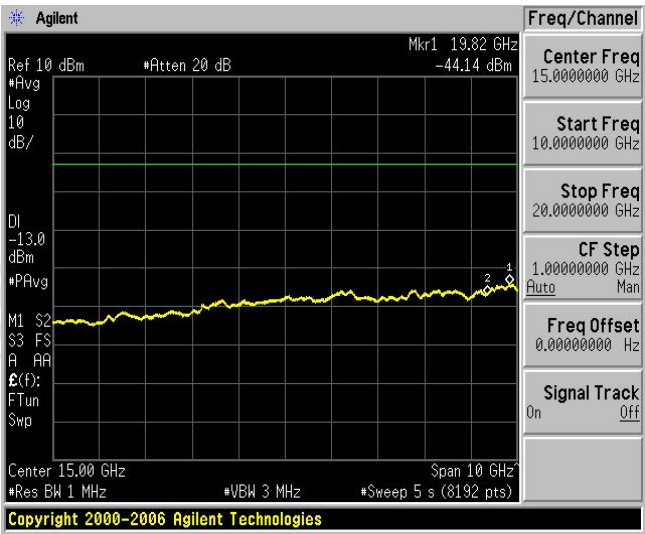




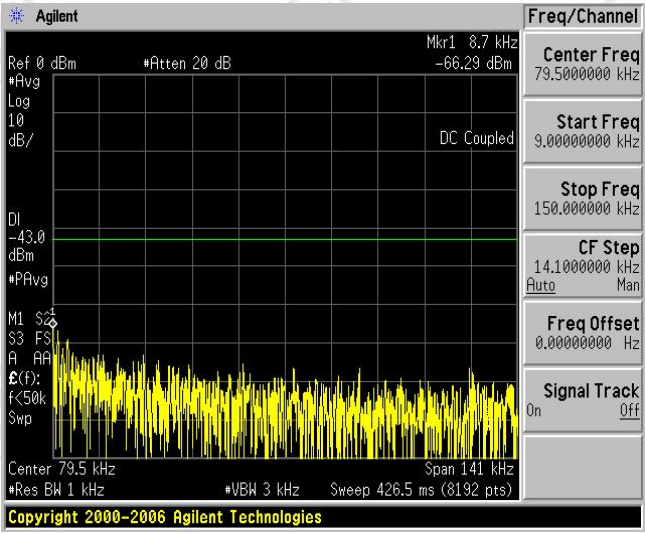
GPRS1900-512-3000~10000MHz



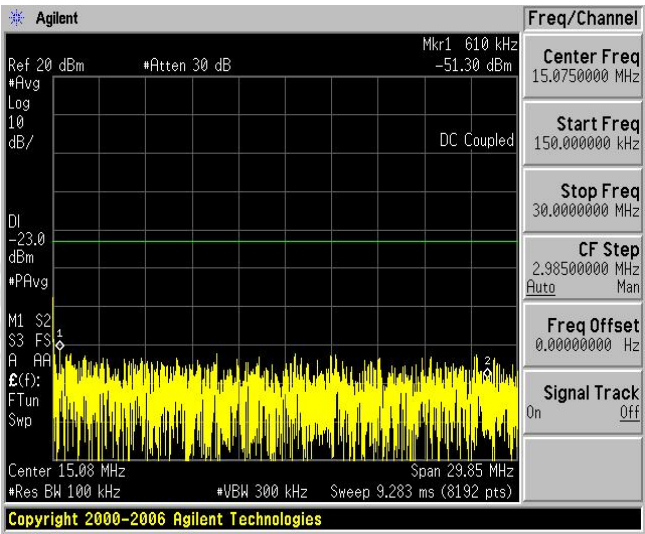
GPRS1900-512-10000~20000MHz



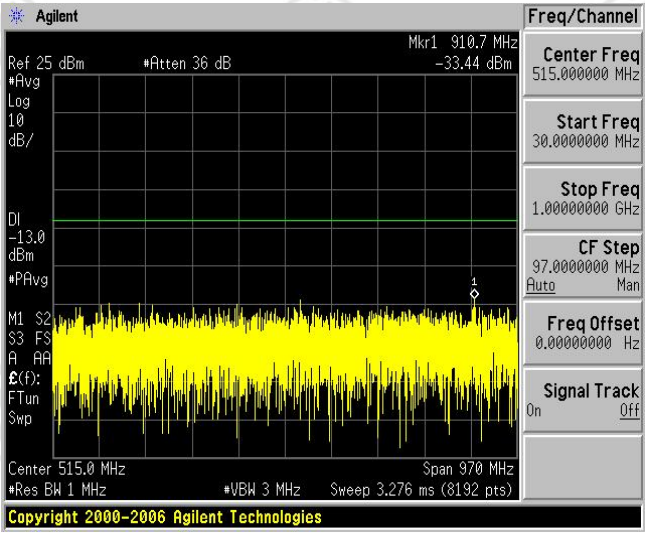
GPRS1900-661-0.009~0.15MHz



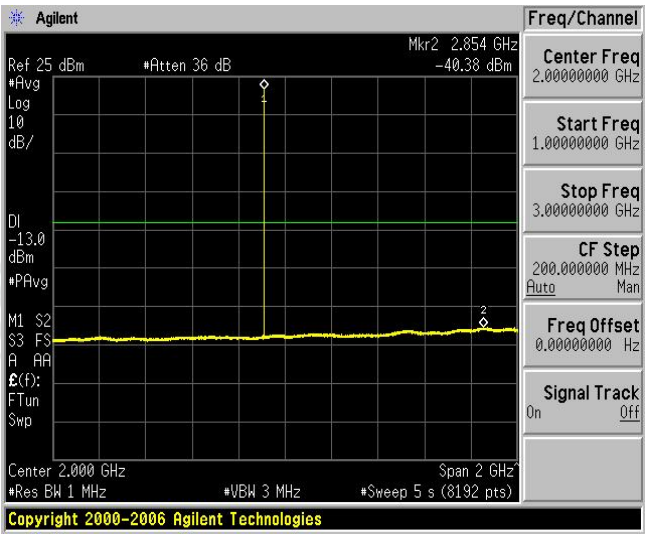
GPRS1900-661-0.15~30MHz



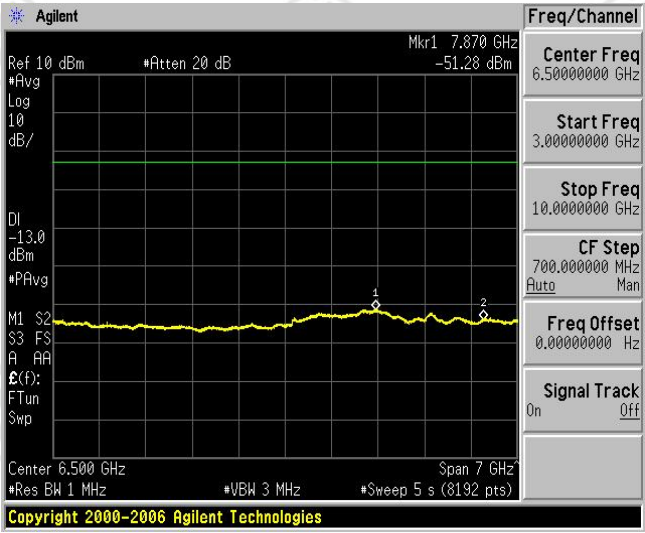
GPRS1900-661-30~1000MHz



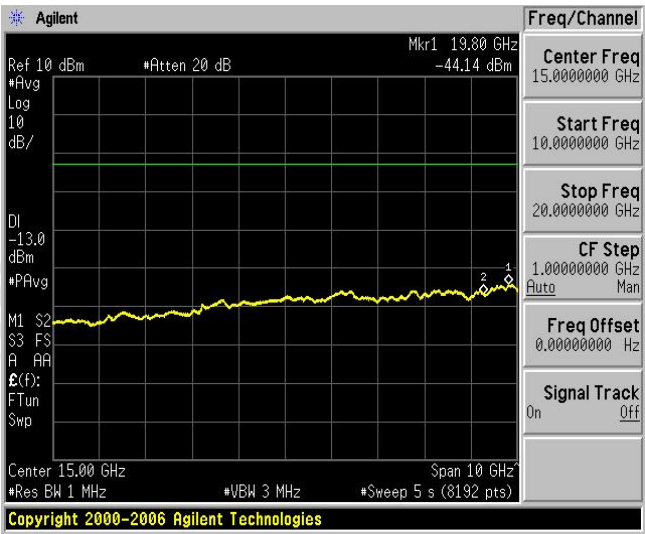
GPRS1900-661-1000~3000MHz



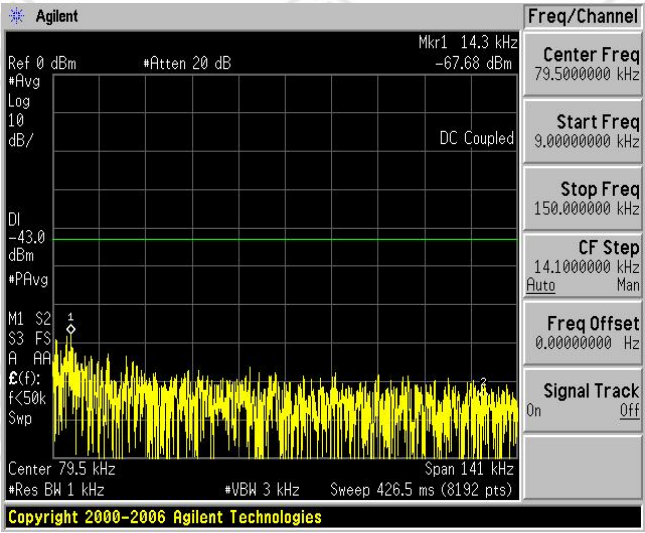
GPRS1900-661-3000~10000MHz



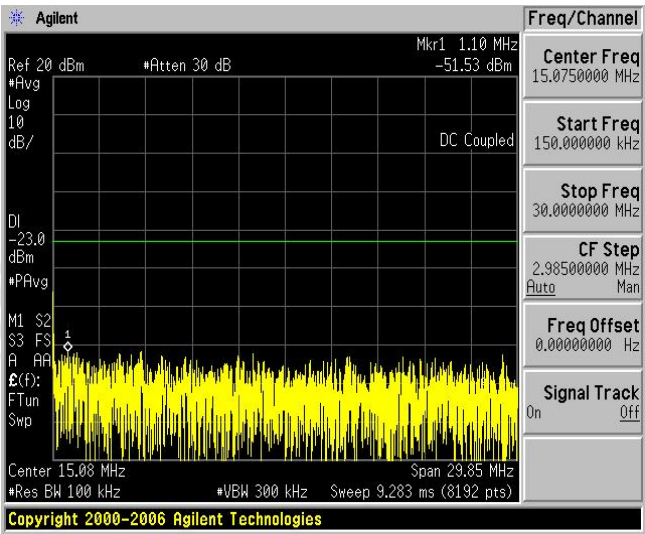
GPRS1900-661-10000~20000MHz



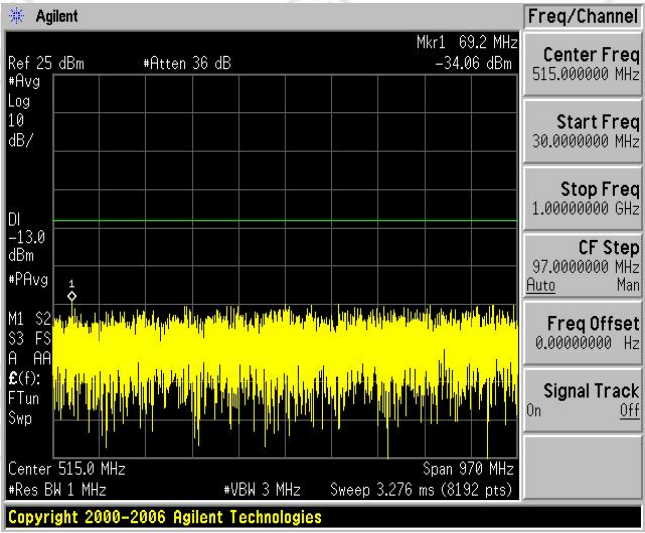
GPRS1900-810-0.009~0.15MHz



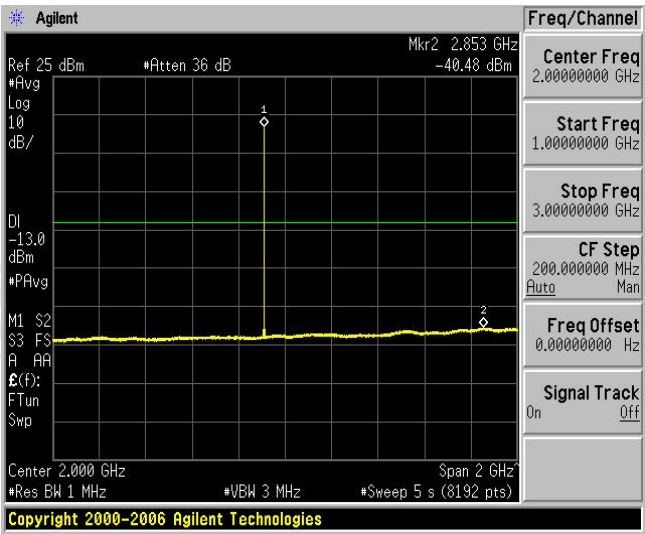
GPRS1900-810-0.15~30MHz



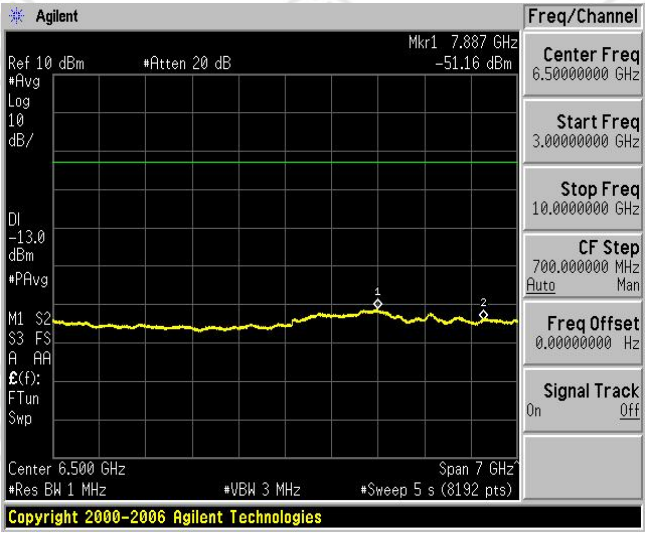
GPRS1900-810-30~1000MHz



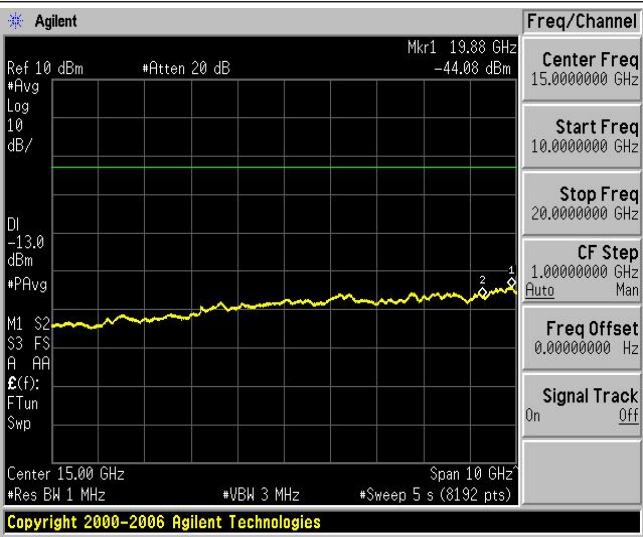
GPRS1900-810-1000~3000MHz



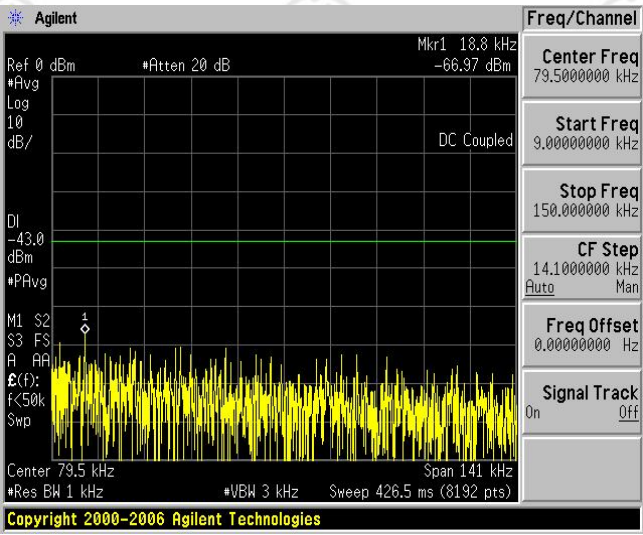
GPRS1900-810-3000~10000MHz



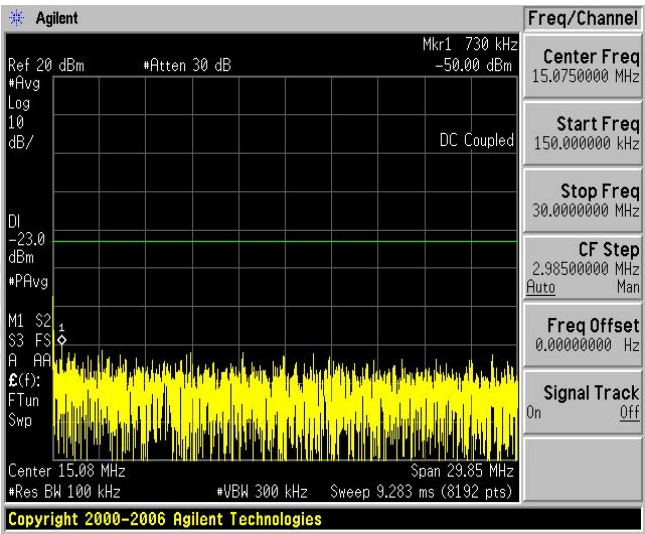
GPRS1900-810-10000~20000MHz



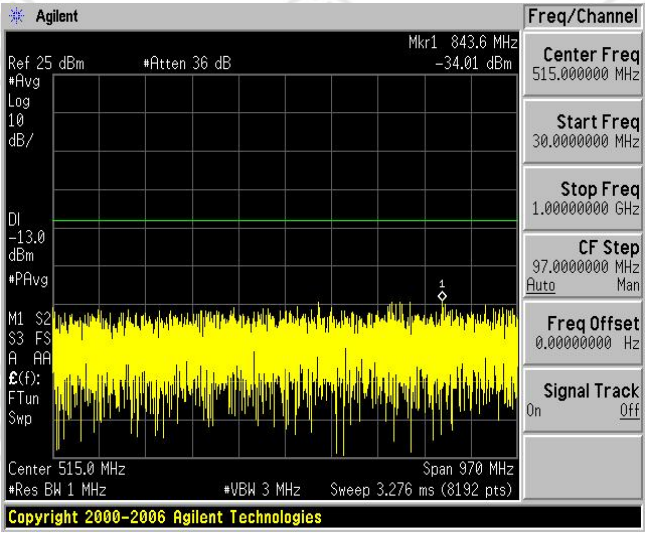
EGPRS1900-512-0.009~0.15MHz



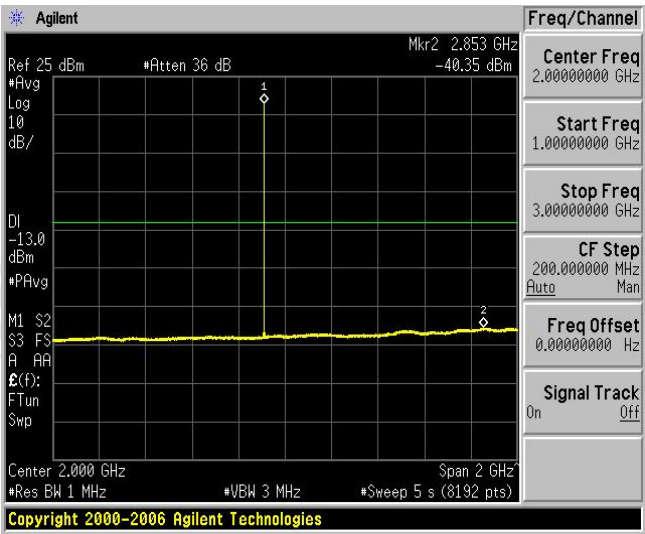
EGPRS1900-512-0.15~30MHz



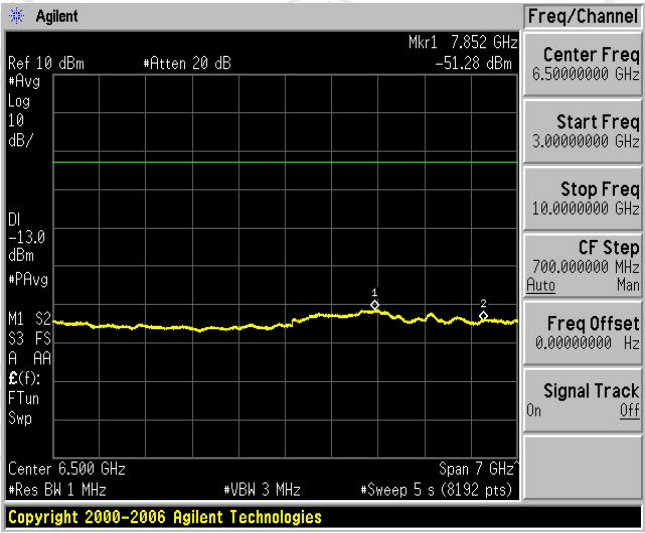
EGPRS1900-512-30~1000MHz



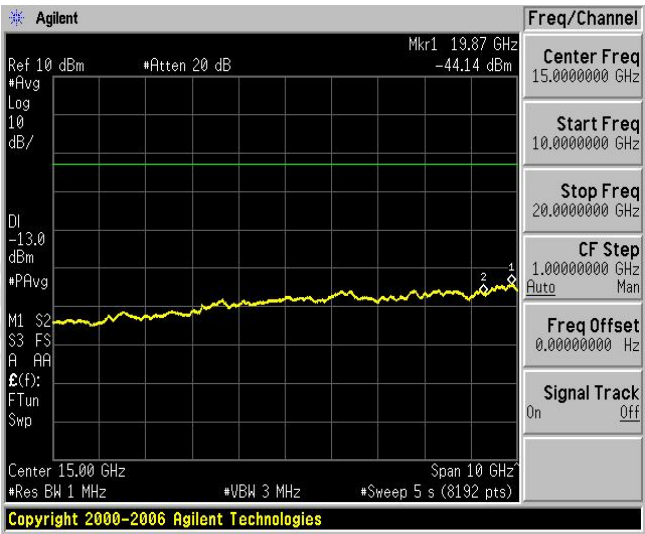
EGPRS1900-512-1000~3000MHz



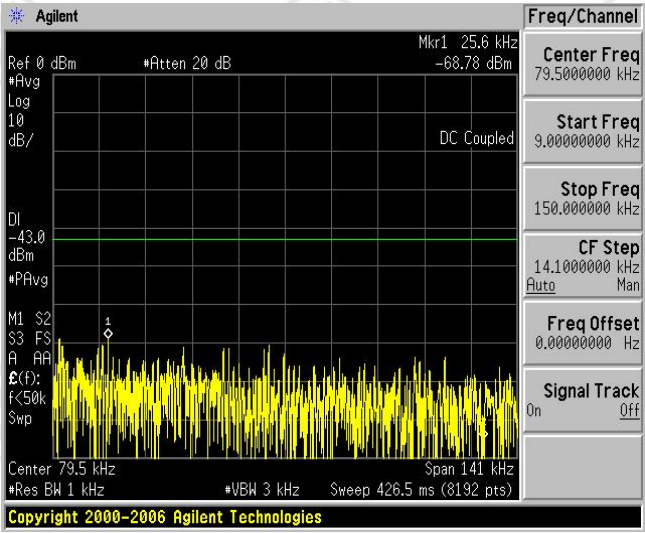
EGPRS1900-512-3000~10000MHz



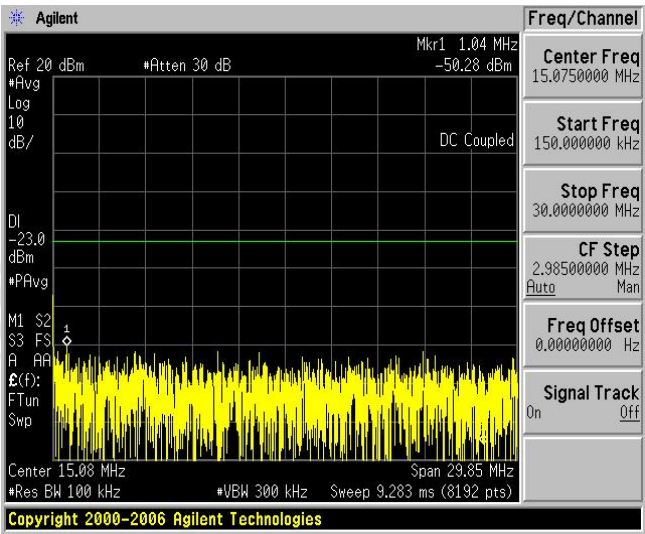
EGPRS1900-512-10000~20000MHz



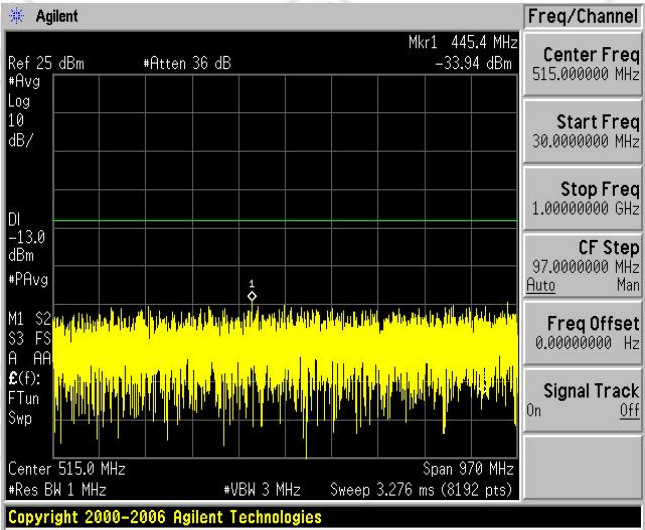
EGPRS1900-661-0.009~0.15MHz



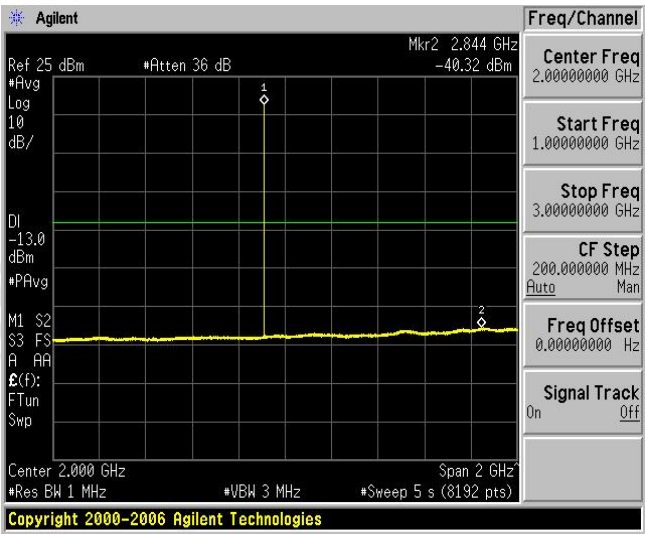
EGPRS1900-661-0.15~30MHz



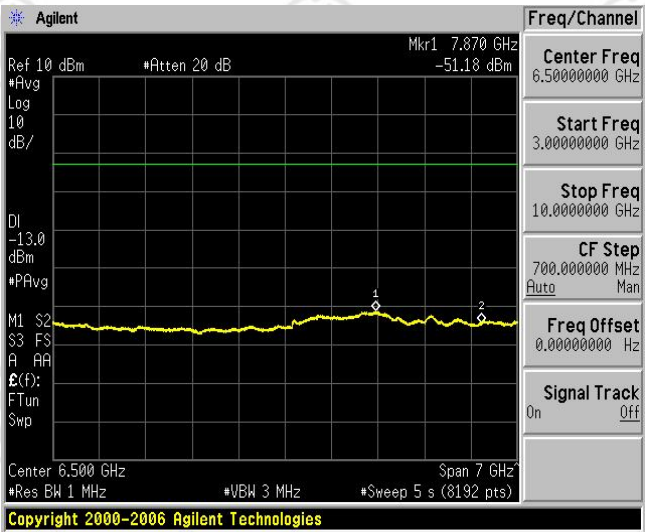
EGPRS1900-661-30~1000MHz



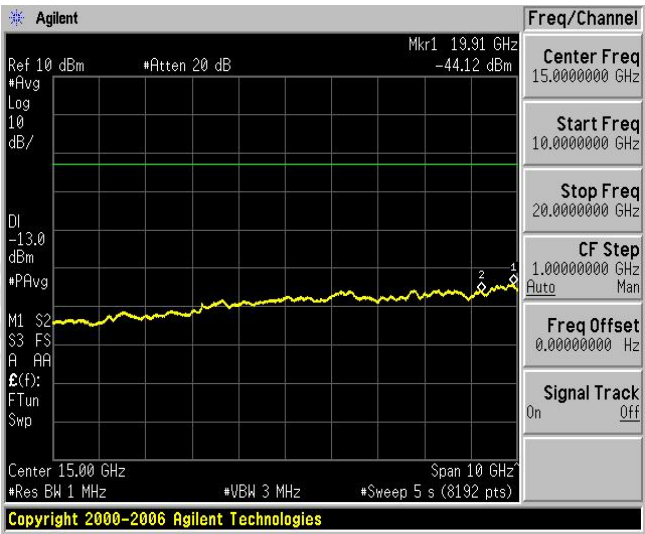
EGPRS1900-661-1000~3000MHz



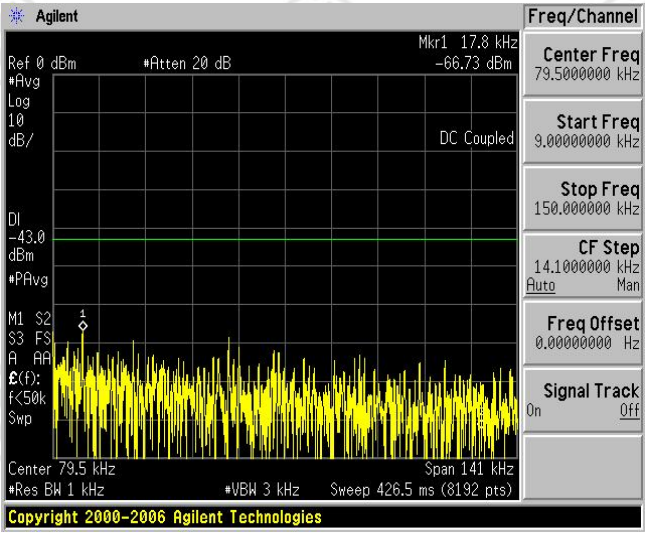
EGPRS1900-661-3000~10000MHz



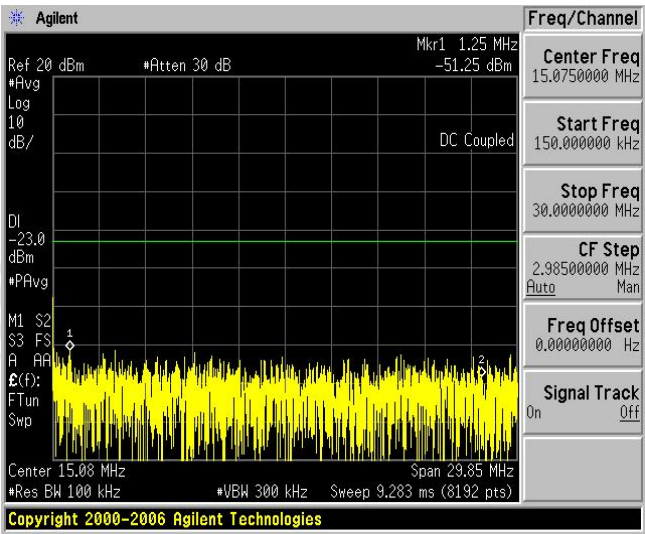
EGPRS1900-661-10000~20000MHz



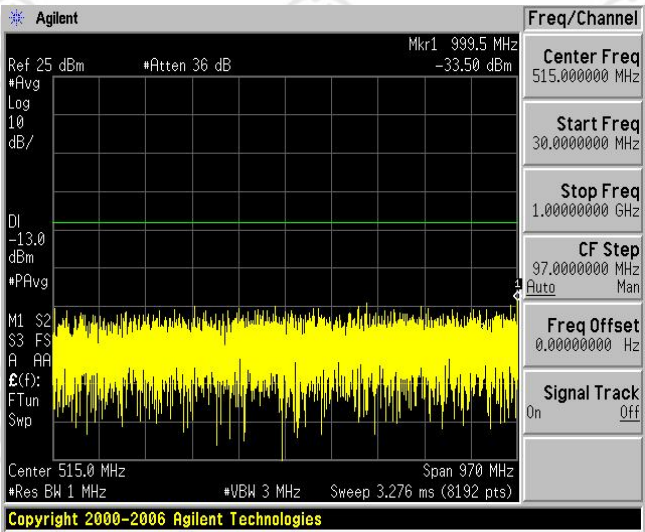
EGPRS1900-810-0.009~0.15MHz



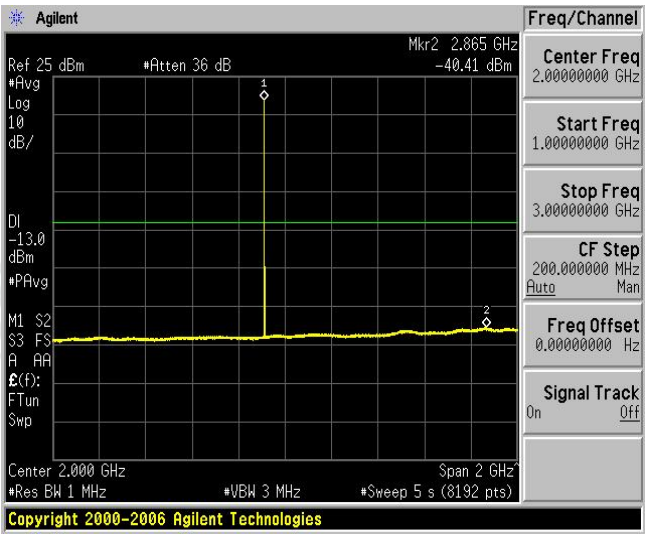
EGPRS1900-810-0.15~30MHz



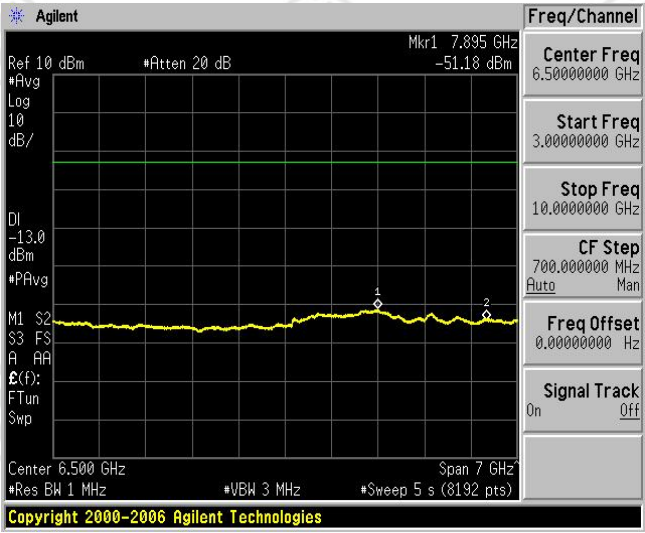
EGPRS1900-810-30~1000MHz



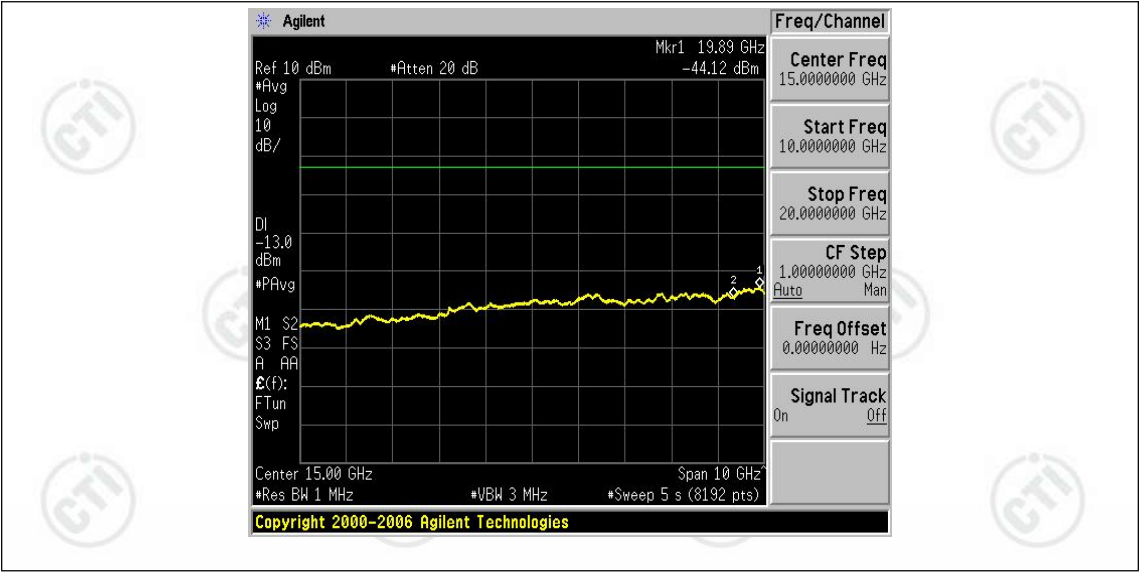
EGPRS1900-810-1000~3000MHz



EGPRS1900-810-3000~10000MHz



EGPRS1900-810-10000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage								
Band	Channel	PCL	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	3	VL	NT	21.70	0.026329	±2.5	PASS
GSM850	128	3	VN	NT	15.14	0.018369	±2.5	PASS
GSM850	128	3	VH	NT	18.08	0.021936	±2.5	PASS
GSM850	190	3	VL	NT	10.53	0.012587	±2.5	PASS
GSM850	190	3	VN	NT	12.49	0.014929	±2.5	PASS
GSM850	190	3	VH	NT	10.49	0.012539	±2.5	PASS
GSM850	251	3	VL	NT	14.56	0.017154	±2.5	PASS
GSM850	251	3	VN	NT	15.40	0.018143	±2.5	PASS
GSM850	251	3	VH	NT	15.05	0.017731	±2.5	PASS
GPRS850	128	3	VL	NT	39.58	0.048022	±2.5	PASS
GPRS850	128	3	VN	NT	39.39	0.047792	±2.5	PASS
GPRS850	128	3	VH	NT	31.67	0.038425	±2.5	PASS
GPRS850	190	3	VL	NT	33.61	0.040175	±2.5	PASS
GPRS850	190	3	VN	NT	37.13	0.044382	±2.5	PASS
GPRS850	190	3	VH	NT	33.19	0.039672	±2.5	PASS
GPRS850	251	3	VL	NT	32.19	0.037924	±2.5	PASS
GPRS850	251	3	VN	NT	32.74	0.038572	±2.5	PASS

GPRS850	251	3	VH	NT	39.03	0.045983	±2.5	PASS
EGPRS850	128	8	VL	NT	28.25	0.034276	±2.5	PASS
EGPRS850	128	8	VN	NT	24.38	0.029580	±2.5	PASS
EGPRS850	128	8	VH	NT	30.74	0.037297	±2.5	PASS
EGPRS850	190	8	VL	NT	23.25	0.027791	±2.5	PASS
EGPRS850	190	8	VN	NT	28.67	0.034270	±2.5	PASS
EGPRS850	190	8	VH	NT	23.92	0.028592	±2.5	PASS
EGPRS850	251	8	VL	NT	28.61	0.033706	±2.5	PASS
EGPRS850	251	8	VN	NT	28.57	0.033659	±2.5	PASS
EGPRS850	251	8	VH	NT	33.61	0.039597	±2.5	PASS
GSM1900	512	0	VL	NT	13.37	0.007226	±2.5	PASS
GSM1900	512	0	VN	NT	7.52	0.004064	±2.5	PASS
GSM1900	512	0	VH	NT	7.91	0.004275	±2.5	PASS
GSM1900	661	0	VL	NT	3.55	0.001888	±2.5	PASS
GSM1900	661	0	VN	NT	-6.72	-0.003574	±2.5	PASS
GSM1900	661	0	VH	NT	4.88	0.002596	±2.5	PASS
GSM1900	810	0	VL	NT	-2.94	-0.001539	±2.5	PASS

GSM1900	810	0	VN	NT	-4.94	-0.002587	±2.5	PASS
GSM1900	810	0	VH	NT	-3.91	-0.002047	±2.5	PASS
GPRS1900	512	0	VL	NT	30.38	0.016420	±2.5	PASS
GPRS1900	512	0	VN	NT	25.44	0.013750	±2.5	PASS
GPRS1900	512	0	VH	NT	18.11	0.009788	±2.5	PASS
GPRS1900	661	0	VL	NT	3.71	0.001973	±2.5	PASS
GPRS1900	661	0	VN	NT	16.24	0.008638	±2.5	PASS
GPRS1900	661	0	VH	NT	11.30	0.006011	±2.5	PASS
GPRS1900	810	0	VL	NT	24.67	0.012918	±2.5	PASS
GPRS1900	810	0	VN	NT	12.17	0.006372	±2.5	PASS
GPRS1900	810	0	VH	NT	10.91	0.005713	±2.5	PASS
EGPRS1900	512	2	VL	NT	17.37	0.009388	±2.5	PASS
EGPRS1900	512	2	VN	NT	26.73	0.014447	±2.5	PASS
EGPRS1900	512	2	VH	NT	18.21	0.009842	±2.5	PASS
EGPRS1900	661	2	VL	NT	11.43	0.006080	±2.5	PASS
EGPRS1900	661	2	VN	NT	9.07	0.004824	±2.5	PASS
EGPRS1900	661	2	VH	NT	6.42	0.003415	±2.5	PASS
EGPRS1900	810	2	VL	NT	12.04	0.006304	±2.5	PASS
EGPRS1900	810	2	VN	NT	12.33	0.006456	±2.5	PASS

00								
EGPRS19 00	810	2	VH	NT	11.88	0.006221	±2.5	PASS
Temperature								
Band	Channel	PCL	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	3	NV	-30	15.69	0.019037	±2.5	PASS
GSM850	128	3	NV	-20	14.82	0.017981	±2.5	PASS
GSM850	128	3	NV	-10	14.46	0.017544	±2.5	PASS
GSM850	128	3	NV	0	20.31	0.024642	±2.5	PASS
GSM850	128	3	NV	10	20.60	0.024994	±2.5	PASS
GSM850	128	3	NV	20	19.50	0.023659	±2.5	PASS
GSM850	128	3	NV	30	20.66	0.025067	±2.5	PASS
GSM850	128	3	NV	40	21.41	0.025977	±2.5	PASS
GSM850	128	3	NV	50	20.63	0.025030	±2.5	PASS
GSM850	190	3	NV	-30	16.76	0.020033	±2.5	PASS
GSM850	190	3	NV	-20	16.85	0.020141	±2.5	PASS
GSM850	190	3	NV	-10	16.47	0.019687	±2.5	PASS
GSM850	190	3	NV	0	16.14	0.019292	±2.5	PASS
GSM850	190	3	NV	10	15.79	0.018874	±2.5	PASS
GSM850	190	3	NV	20	16.14	0.019292	±2.5	PASS
GSM850	190	3	NV	30	16.21	0.019376	±2.5	PASS
GSM850	190	3	NV	40	16.37	0.019567	±2.5	PASS
GSM850	190	3	NV	50	15.85	0.018946	±2.5	PASS

GSM850	251	3	NV	-30	15.30	0.018025	±2.5	PASS
GSM850	251	3	NV	-20	15.59	0.018367	±2.5	PASS
GSM850	251	3	NV	-10	13.95	0.016435	±2.5	PASS
GSM850	251	3	NV	0	14.01	0.016506	±2.5	PASS
GSM850	251	3	NV	10	12.24	0.014420	±2.5	PASS
GSM850	251	3	NV	20	12.95	0.015257	±2.5	PASS
GSM850	251	3	NV	30	14.72	0.017342	±2.5	PASS
GSM850	251	3	NV	40	13.79	0.016246	±2.5	PASS
GSM850	251	3	NV	50	15.08	0.017766	±2.5	PASS
GPRS850	128	3	NV	-30	39.78	0.048265	±2.5	PASS
GPRS850	128	3	NV	-20	40.62	0.049284	±2.5	PASS
GPRS850	128	3	NV	-10	38.39	0.046579	±2.5	PASS
GPRS850	128	3	NV	0	39.32	0.047707	±2.5	PASS
GPRS850	128	3	NV	10	39.42	0.047828	±2.5	PASS
GPRS850	128	3	NV	20	38.52	0.046736	±2.5	PASS
GPRS850	128	3	NV	30	37.29	0.045244	±2.5	PASS
GPRS850	128	3	NV	40	37.10	0.045013	±2.5	PASS
GPRS850	128	3	NV	50	34.55	0.041919	±2.5	PASS
GPRS850	190	3	NV	-30	30.87	0.036899	±2.5	PASS
GPRS850	190	3	NV	-20	32.09	0.038358	±2.5	PASS
GPRS850	190	3	NV	-10	32.00	0.038250	±2.5	PASS
GPRS850	190	3	NV	0	32.22	0.038513	±2.5	PASS
GPRS850	190	3	NV	10	30.57	0.036541	±2.5	PASS

GPRS850	190	3	NV	20	30.74	0.036744	±2.5	PASS
GPRS850	190	3	NV	30	31.74	0.037939	±2.5	PASS
GPRS850	190	3	NV	40	30.19	0.036087	±2.5	PASS
GPRS850	190	3	NV	50	30.32	0.036242	±2.5	PASS
GPRS850	251	3	NV	-30	31.32	0.036899	±2.5	PASS
GPRS850	251	3	NV	-20	31.41	0.037005	±2.5	PASS
GPRS850	251	3	NV	-10	32.61	0.038419	±2.5	PASS
GPRS850	251	3	NV	0	31.74	0.037394	±2.5	PASS
GPRS850	251	3	NV	10	32.61	0.038419	±2.5	PASS
GPRS850	251	3	NV	20	35.13	0.041388	±2.5	PASS
GPRS850	251	3	NV	30	35.00	0.041235	±2.5	PASS
GPRS850	251	3	NV	40	37.23	0.043862	±2.5	PASS
GPRS850	251	3	NV	50	38.42	0.045264	±2.5	PASS
EGPRS850	128	8	NV	-30	32.12	0.038971	±2.5	PASS
EGPRS850	128	8	NV	-20	32.03	0.038862	±2.5	PASS
EGPRS850	128	8	NV	-10	24.92	0.030235	±2.5	PASS
EGPRS850	128	8	NV	0	25.15	0.030514	±2.5	PASS
EGPRS850	128	8	NV	10	25.44	0.030866	±2.5	PASS
EGPRS850	128	8	NV	20	27.48	0.033341	±2.5	PASS

EGPRS85 0	128	8	NV	30	26.96	0.032711	±2.5	PASS
EGPRS85 0	128	8	NV	40	27.09	0.032868	±2.5	PASS
EGPRS85 0	128	8	NV	50	27.41	0.033256	±2.5	PASS
EGPRS85 0	190	8	NV	-30	23.79	0.028437	±2.5	PASS
EGPRS85 0	190	8	NV	-20	27.02	0.032297	±2.5	PASS
EGPRS85 0	190	8	NV	-10	25.34	0.030289	±2.5	PASS
EGPRS85 0	190	8	NV	0	28.12	0.033612	±2.5	PASS
EGPRS85 0	190	8	NV	10	21.24	0.025388	±2.5	PASS
EGPRS85 0	190	8	NV	20	28.44	0.033995	±2.5	PASS
EGPRS85 0	190	8	NV	30	21.31	0.025472	±2.5	PASS
EGPRS85 0	190	8	NV	40	28.28	0.033803	±2.5	PASS
EGPRS85 0	190	8	NV	50	28.48	0.034043	±2.5	PASS
EGPRS85 0	251	8	NV	-30	25.63	0.030196	±2.5	PASS
EGPRS85 0	251	8	NV	-20	33.51	0.039479	±2.5	PASS

EGPRS85 0	251	8	NV	-10	28.02	0.033011	±2.5	PASS
EGPRS85 0	251	8	NV	0	28.64	0.033742	±2.5	PASS
EGPRS85 0	251	8	NV	10	32.32	0.038077	±2.5	PASS
EGPRS85 0	251	8	NV	20	34.64	0.040811	±2.5	PASS
EGPRS85 0	251	8	NV	30	25.93	0.030549	±2.5	PASS
EGPRS85 0	251	8	NV	40	44.62	0.052568	±2.5	PASS
EGPRS85 0	251	8	NV	50	32.06	0.037771	±2.5	PASS
GSM1900	512	0	NV	-30	11.95	0.006459	±2.5	PASS
GSM1900	512	0	NV	-20	11.95	0.006459	±2.5	PASS
GSM1900	512	0	NV	-10	11.07	0.005983	±2.5	PASS
GSM1900	512	0	NV	0	13.08	0.007070	±2.5	PASS
GSM1900	512	0	NV	10	10.85	0.005864	±2.5	PASS
GSM1900	512	0	NV	20	10.33	0.005583	±2.5	PASS
GSM1900	512	0	NV	30	15.17	0.008199	±2.5	PASS
GSM1900	512	0	NV	40	9.40	0.005081	±2.5	PASS
GSM1900	512	0	NV	50	-21.76	-0.011761	±2.5	PASS
GSM1900	661	0	NV	-30	-9.49	-0.005048	±2.5	PASS
GSM1900	661	0	NV	-20	5.20	0.002766	±2.5	PASS
GSM1900	661	0	NV	-10	1.74	0.000926	±2.5	PASS

GSM1900	661	0	NV	0	3.52	0.001872	±2.5	PASS
GSM1900	661	0	NV	10	-2.62	-0.001394	±2.5	PASS
GSM1900	661	0	NV	20	-1.97	-0.001048	±2.5	PASS
GSM1900	661	0	NV	30	-4.91	-0.002612	±2.5	PASS
GSM1900	661	0	NV	40	-1.13	-0.000601	±2.5	PASS
GSM1900	661	0	NV	50	4.62	0.002457	±2.5	PASS
GSM1900	810	0	NV	-30	2.58	0.001351	±2.5	PASS
GSM1900	810	0	NV	-20	2.36	0.001236	±2.5	PASS
GSM1900	810	0	NV	-10	9.33	0.004885	±2.5	PASS
GSM1900	810	0	NV	0	10.46	0.005477	±2.5	PASS
GSM1900	810	0	NV	10	11.40	0.005969	±2.5	PASS
GSM1900	810	0	NV	20	-3.81	-0.001995	±2.5	PASS
GSM1900	810	0	NV	30	12.95	0.006781	±2.5	PASS
GSM1900	810	0	NV	40	-2.74	-0.001435	±2.5	PASS
GSM1900	810	0	NV	50	-1.52	-0.000796	±2.5	PASS
GPRS1900	512	0	NV	-30	21.92	0.011847	±2.5	PASS
GPRS1900	512	0	NV	-20	23.05	0.012458	±2.5	PASS
GPRS1900	512	0	NV	-10	25.47	0.013766	±2.5	PASS
GPRS1900	512	0	NV	0	30.35	0.016404	±2.5	PASS
GPRS1900	512	0	NV	10	30.15	0.016296	±2.5	PASS
GPRS1900	512	0	NV	20	16.53	0.008934	±2.5	PASS
GPRS1900	512	0	NV	30	21.50	0.011620	±2.5	PASS
GPRS1900	512	0	NV	40	25.09	0.013561	±2.5	PASS

GPRS1900	512	0	NV	50	30.67	0.016577	±2.5	PASS
GPRS1900	661	0	NV	-30	13.92	0.007404	±2.5	PASS
GPRS1900	661	0	NV	-20	13.01	0.006920	±2.5	PASS
GPRS1900	661	0	NV	-10	7.43	0.003952	±2.5	PASS
GPRS1900	661	0	NV	0	7.39	0.003931	±2.5	PASS
GPRS1900	661	0	NV	10	12.79	0.006803	±2.5	PASS
GPRS1900	661	0	NV	20	16.76	0.008915	±2.5	PASS
GPRS1900	661	0	NV	30	18.69	0.009941	±2.5	PASS
GPRS1900	661	0	NV	40	5.46	0.002904	±2.5	PASS
GPRS1900	661	0	NV	50	6.39	0.003399	±2.5	PASS
GPRS1900	810	0	NV	-30	16.05	0.008404	±2.5	PASS
GPRS1900	810	0	NV	-20	18.60	0.009739	±2.5	PASS
GPRS1900	810	0	NV	-10	17.05	0.008928	±2.5	PASS
GPRS1900	810	0	NV	0	18.92	0.009907	±2.5	PASS
GPRS1900	810	0	NV	10	16.82	0.008807	±2.5	PASS
GPRS1900	810	0	NV	20	16.69	0.008739	±2.5	PASS
GPRS1900	810	0	NV	30	18.66	0.009771	±2.5	PASS
GPRS1900	810	0	NV	40	16.14	0.008451	±2.5	PASS
GPRS1900	810	0	NV	50	19.73	0.010331	±2.5	PASS
EGPRS1900	512	2	NV	-30	19.63	0.010610	±2.5	PASS
EGPRS1900	512	2	NV	-20	23.18	0.012528	±2.5	PASS
EGPRS19	512	2	NV	-10	28.09	0.015182	±2.5	PASS

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EGPRS19 00	512	2	NV	0	28.48	0.015393	±2.5	PASS
EGPRS19 00	512	2	NV	10	19.63	0.010610	±2.5	PASS
EGPRS19 00	512	2	NV	20	15.50	0.008377	±2.5	PASS
EGPRS19 00	512	2	NV	30	18.31	0.009896	±2.5	PASS
EGPRS19 00	512	2	NV	40	22.02	0.011901	±2.5	PASS
EGPRS19 00	512	2	NV	50	23.44	0.012669	±2.5	PASS
EGPRS19 00	661	2	NV	-30	9.98	0.005309	±2.5	PASS
EGPRS19 00	661	2	NV	-20	10.43	0.005548	±2.5	PASS
EGPRS19 00	661	2	NV	-10	11.56	0.006149	±2.5	PASS
EGPRS19 00	661	2	NV	0	14.04	0.007468	±2.5	PASS
EGPRS19 00	661	2	NV	10	16.01	0.008516	±2.5	PASS
EGPRS19 00	661	2	NV	20	16.63	0.008846	±2.5	PASS
EGPRS19 00	661	2	NV	30	17.50	0.009309	±2.5	PASS
EGPRS19	661	2	NV	40	17.40	0.009255	±2.5	PASS

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EGPRS19 00	661	2	NV	50	0.13	0.000069	±2.5	PASS
EGPRS19 00	810	2	NV	-30	19.31	0.010111	±2.5	PASS
EGPRS19 00	810	2	NV	-20	20.53	0.010750	±2.5	PASS
EGPRS19 00	810	2	NV	-10	24.09	0.012614	±2.5	PASS
EGPRS19 00	810	2	NV	0	20.18	0.010567	±2.5	PASS
EGPRS19 00	810	2	NV	10	21.95	0.011493	±2.5	PASS
EGPRS19 00	810	2	NV	20	7.52	0.003938	±2.5	PASS
EGPRS19 00	810	2	NV	30	7.10	0.003718	±2.5	PASS
EGPRS19 00	810	2	NV	40	8.75	0.004582	±2.5	PASS
EGPRS19 00	810	2	NV	50	10.91	0.005713	±2.5	PASS

END OF REPORT