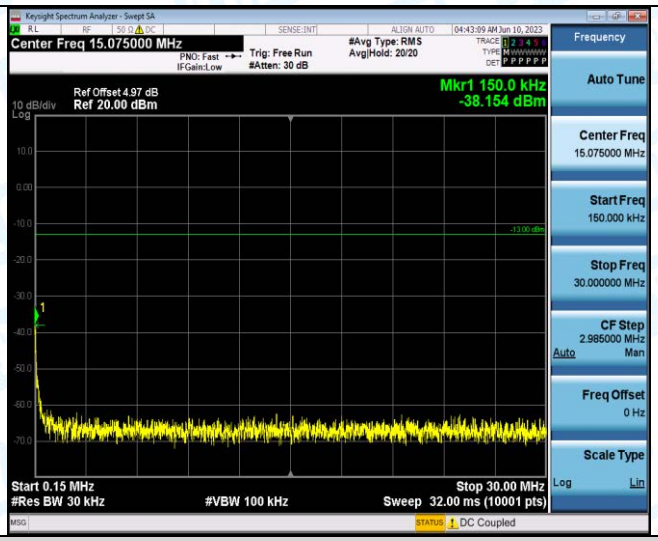
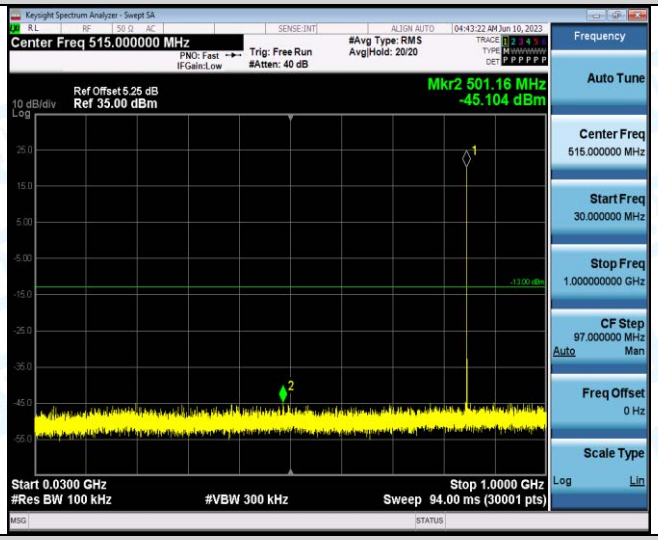
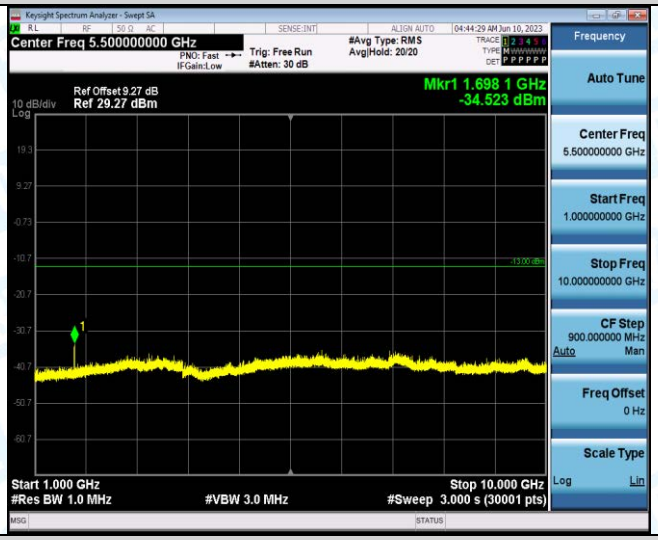


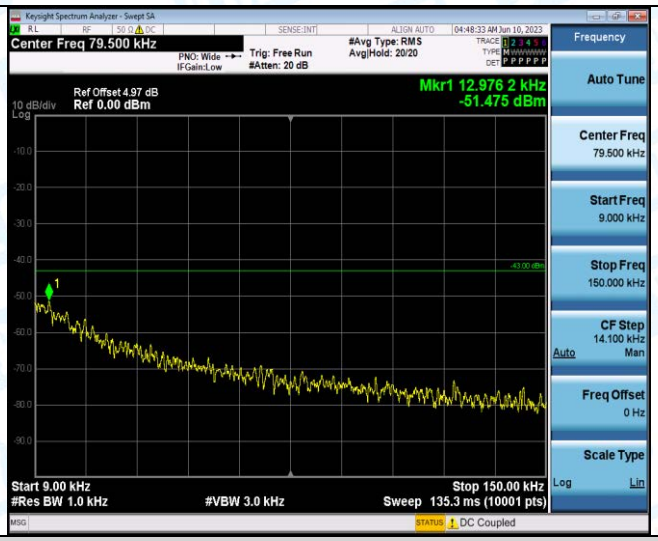
EGPRS850-251-30~1000MHz



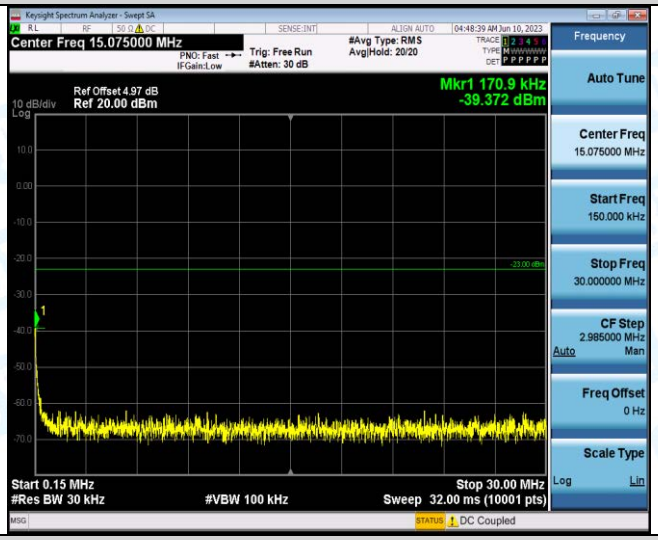
EGPRS850-251-1000~10000MHz



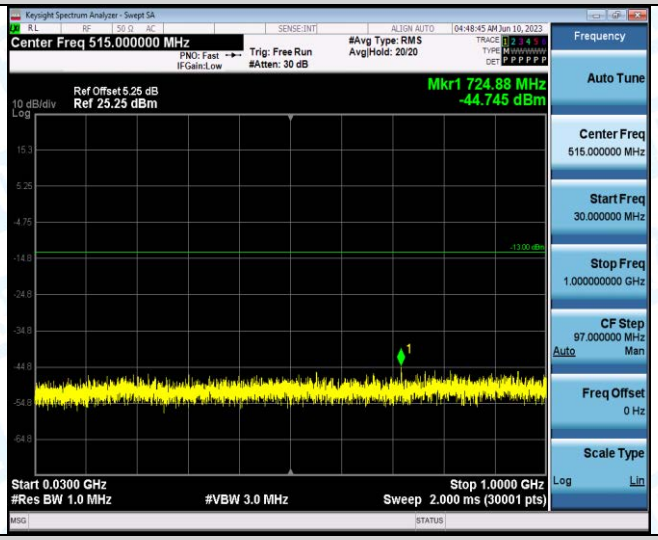
GSM1900-512-0.009~0.15MHz



GSM1900-512-0.15~30MHz

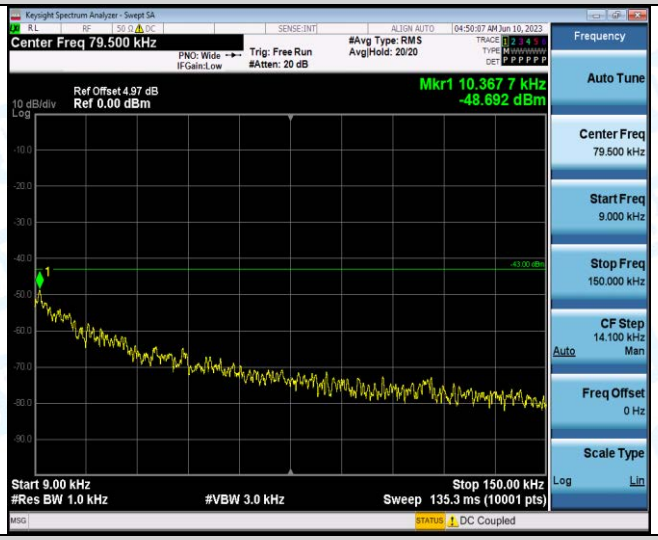


GSM1900-512-30~1000MHz

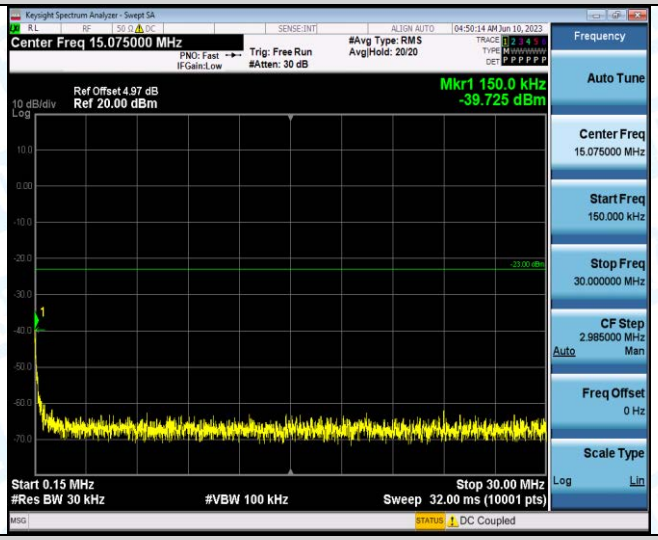


GSM1900-512-1000~18000MHz

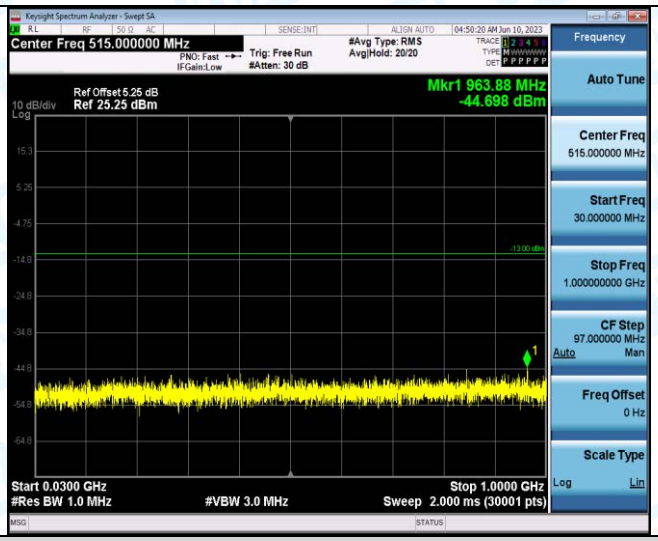
GSM1900-661-0.009~0.15MHz



GSM1900-661-0.15~30MHz

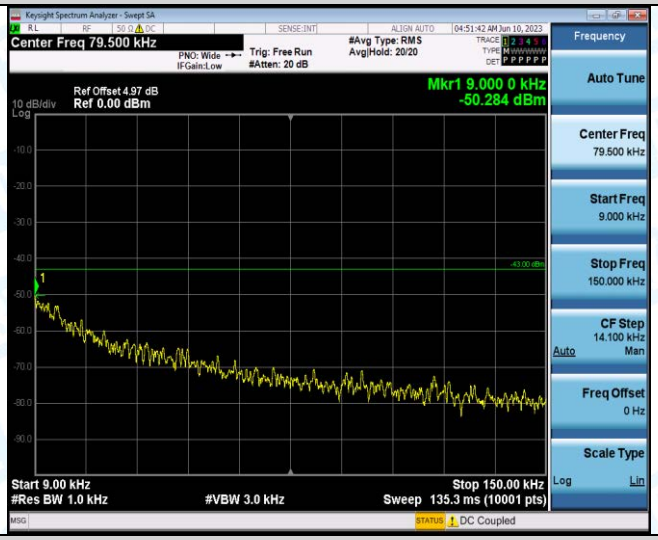


GSM1900-661-30~1000MHz

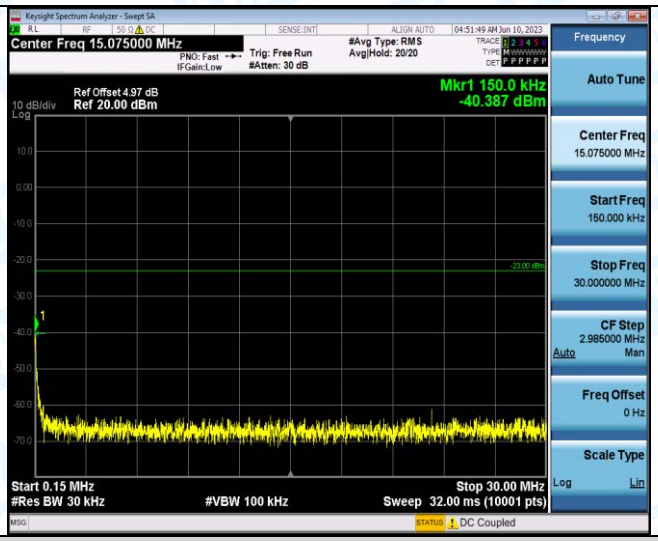


GSM1900-661-1000~18000MHz

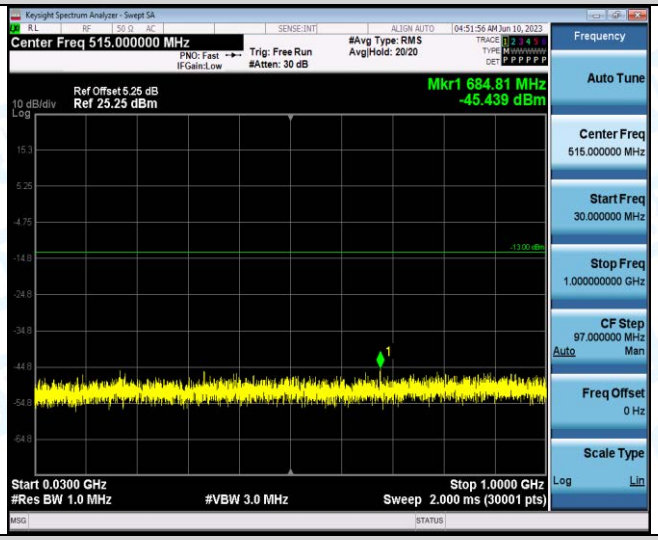
GSM1900-810-0.009~0.15MHz



GSM1900-810-0.15~30MHz

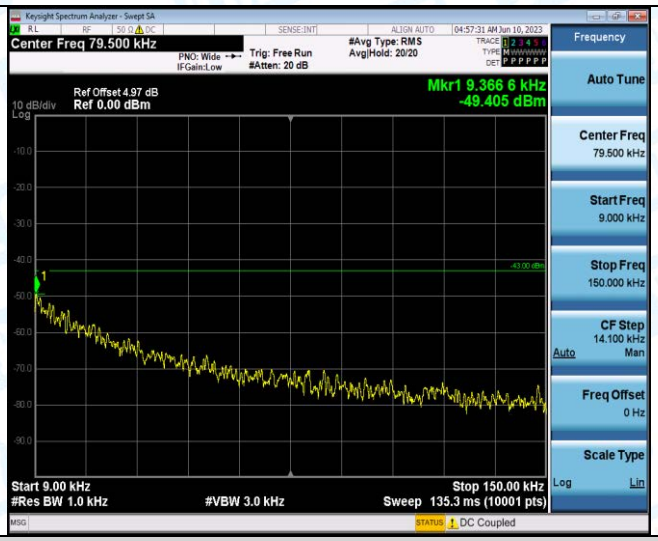


GSM1900-810-30~1000MHz

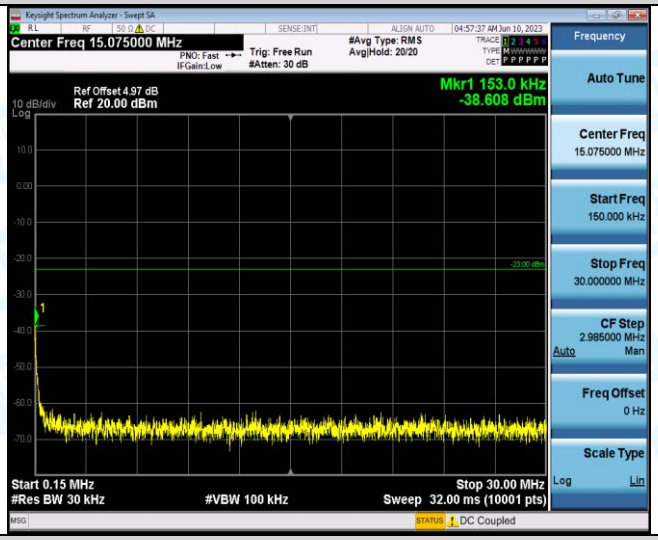


GSM1900-810-1000~18000MHz

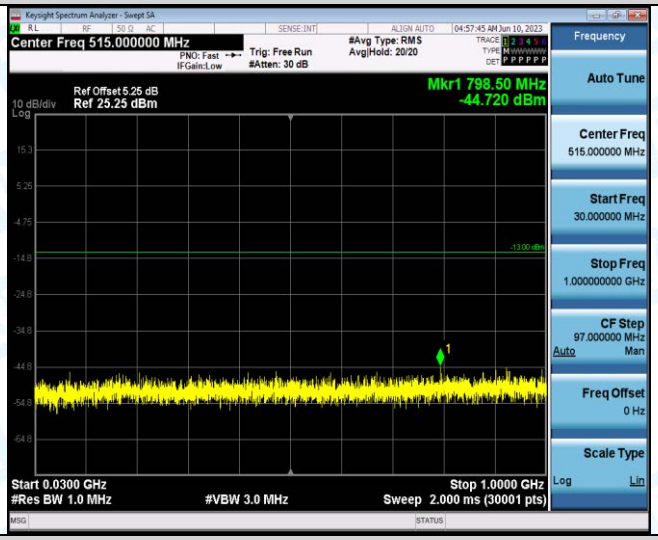
GPRS1900-512-0.009~0.15MHz



GPRS1900-512-0.15~30MHz

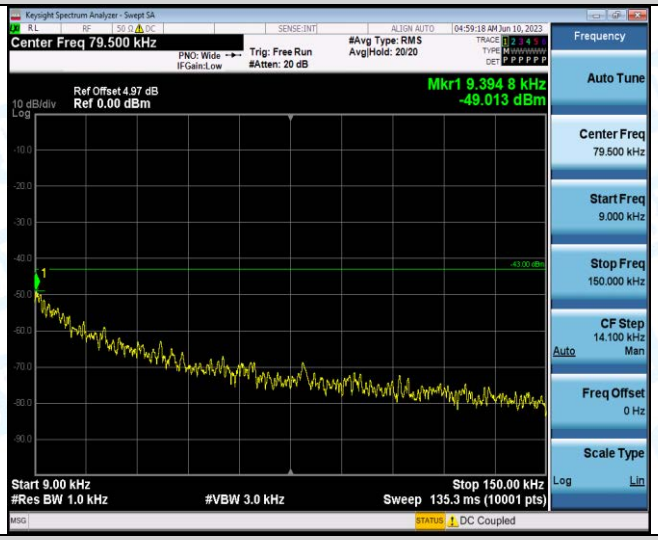


GPRS1900-512-30~1000MHz

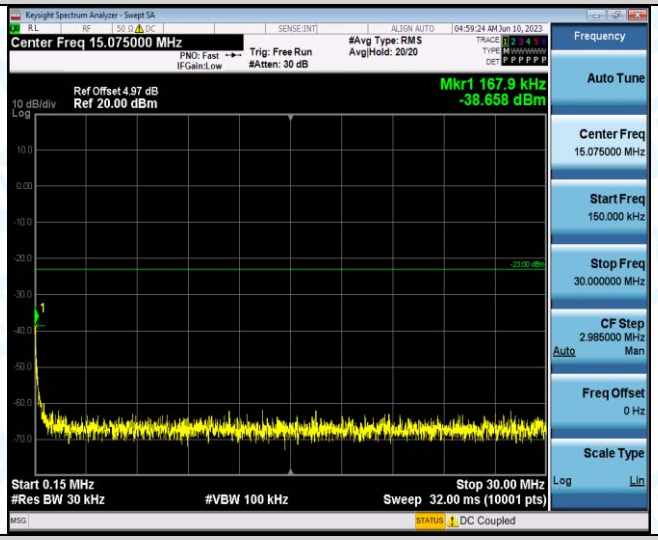


GPRS1900-512-1000~18000MHz

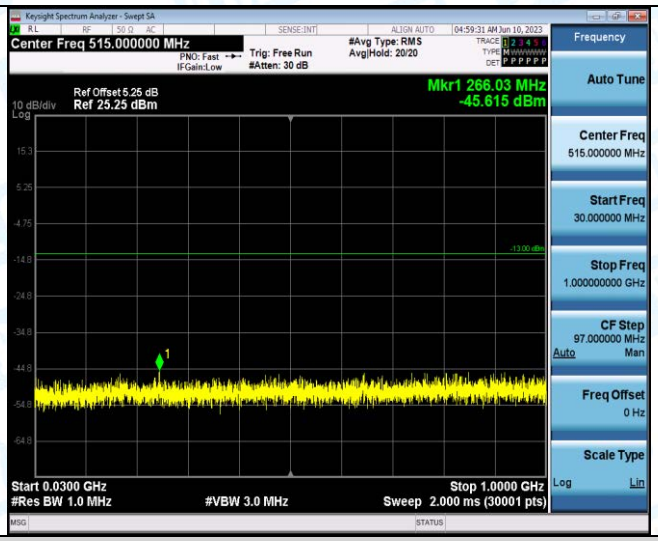
GPRS1900-661-0.009~0.15MHz



GPRS1900-661-0.15~30MHz

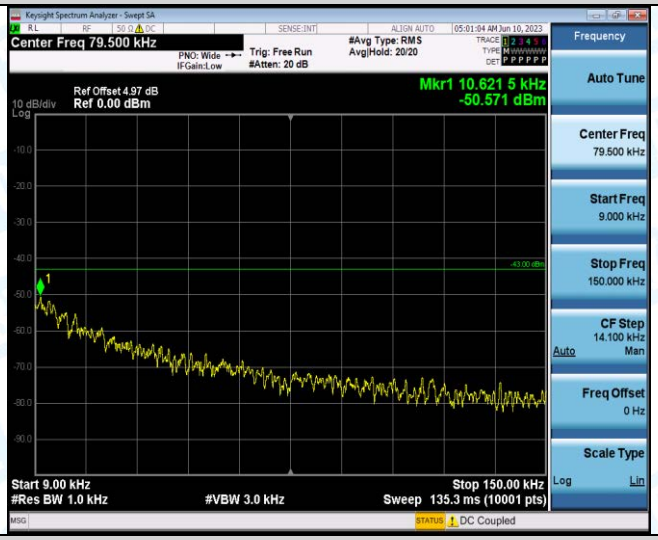


GPRS1900-661-30~1000MHz

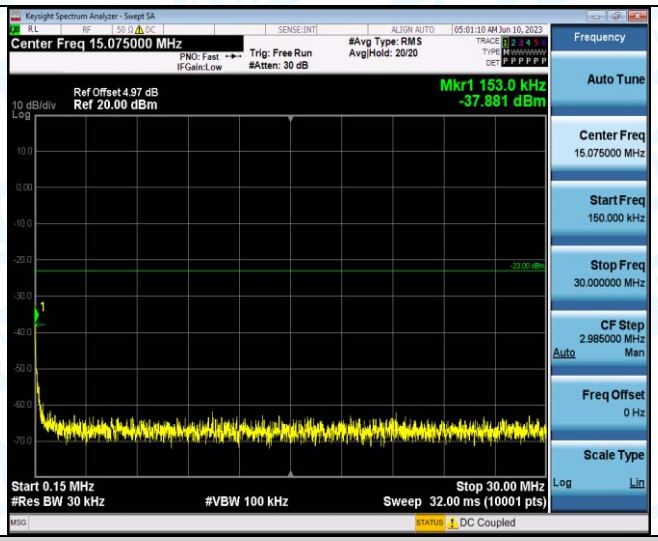


GPRS1900-661-1000~18000MHz

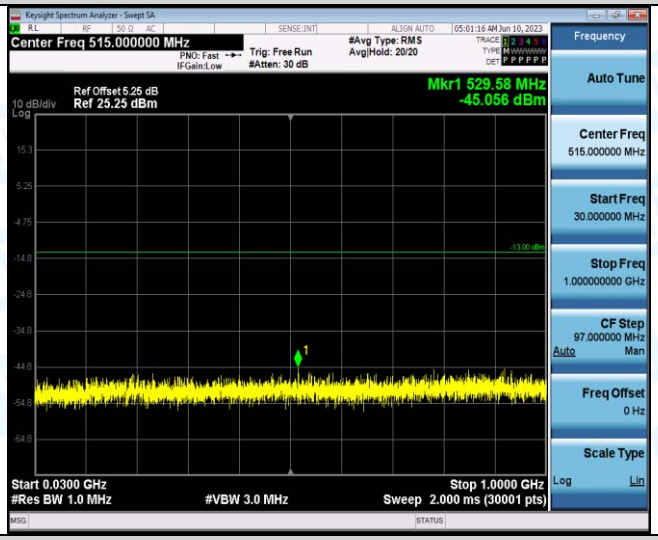
GPRS1900-810-0.009~0.15MHz



GPRS1900-810-0.15~30MHz

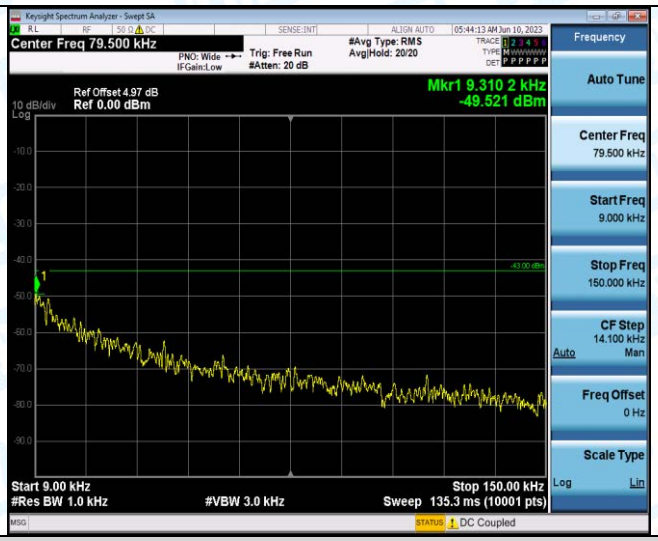


GPRS1900-810-30~1000MHz

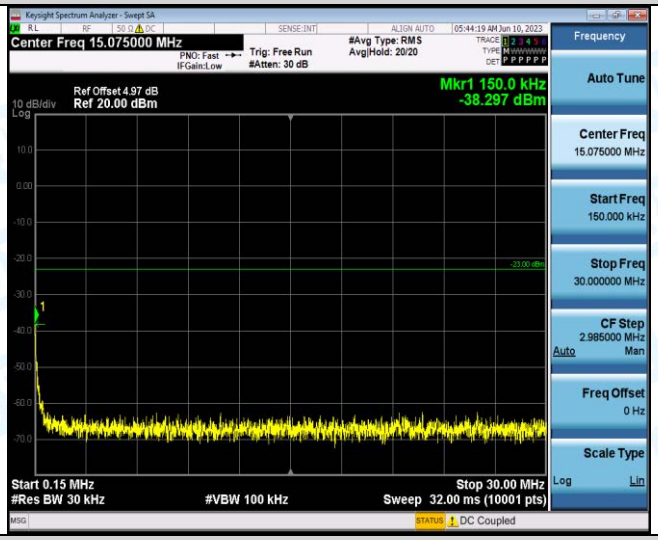


GPRS1900-810-1000~18000MHz

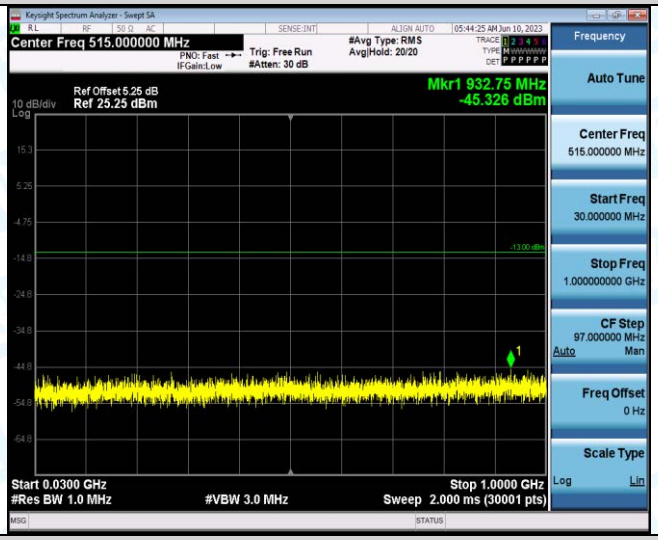
EGPRS1900-512-0.009~0.15MHz



EGPRS1900-512-0.15~30MHz

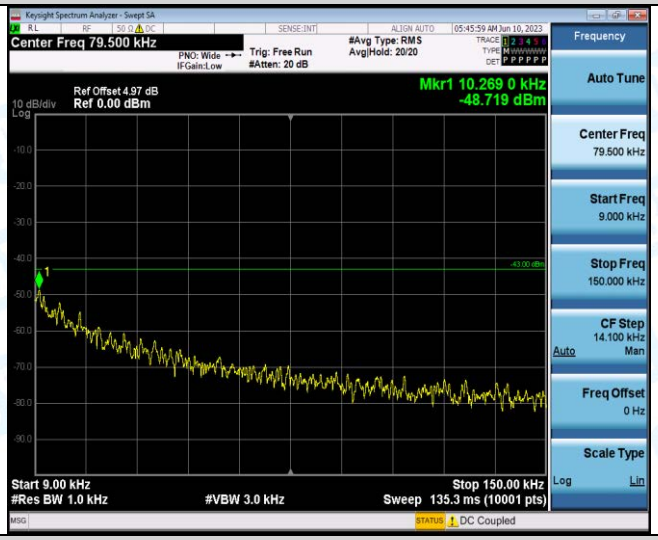


EGPRS1900-512-30~1000MHz

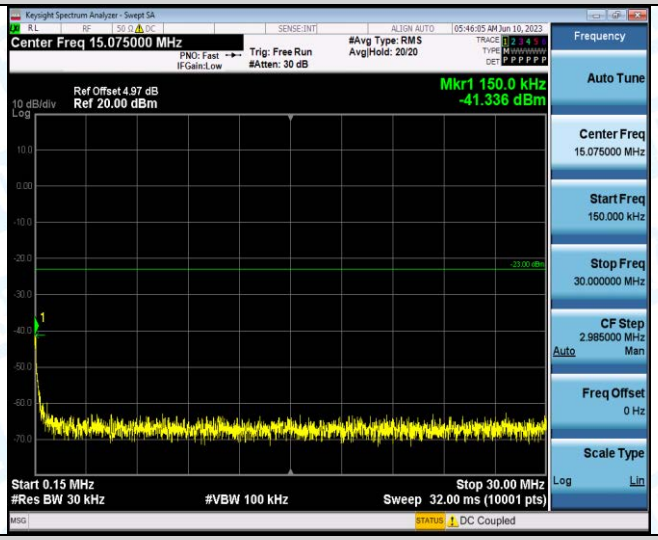


EGPRS1900-512-1000~18000MHz

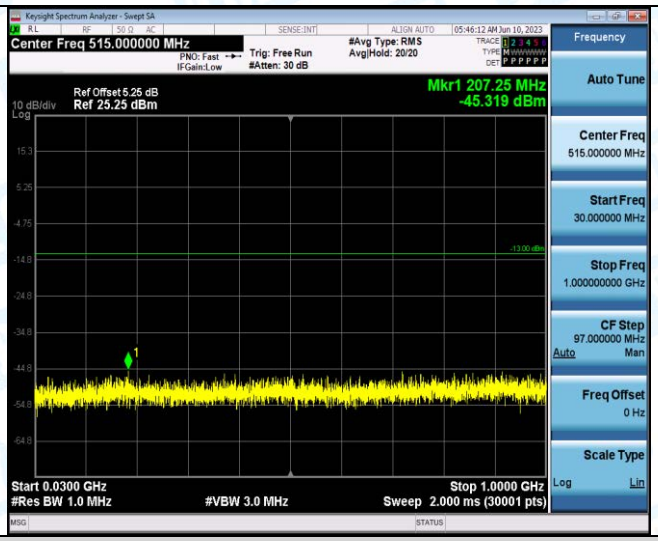
EGPRS1900-661-0.009~0.15MHz



EGPRS1900-661-0.15~30MHz

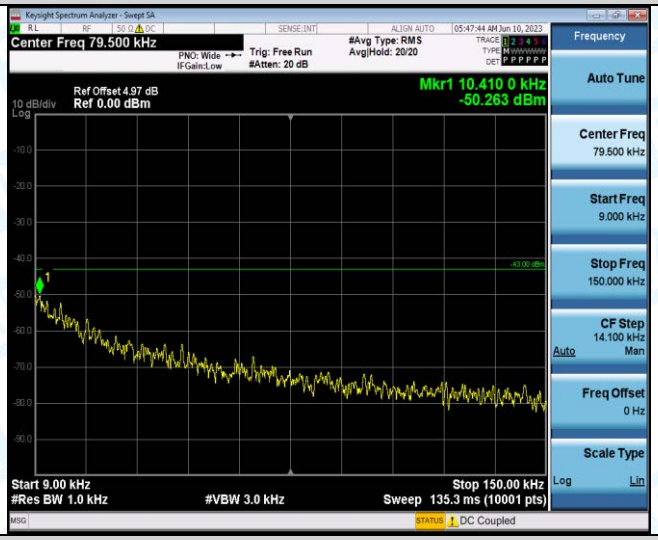


EGPRS1900-661-30~1000MHz

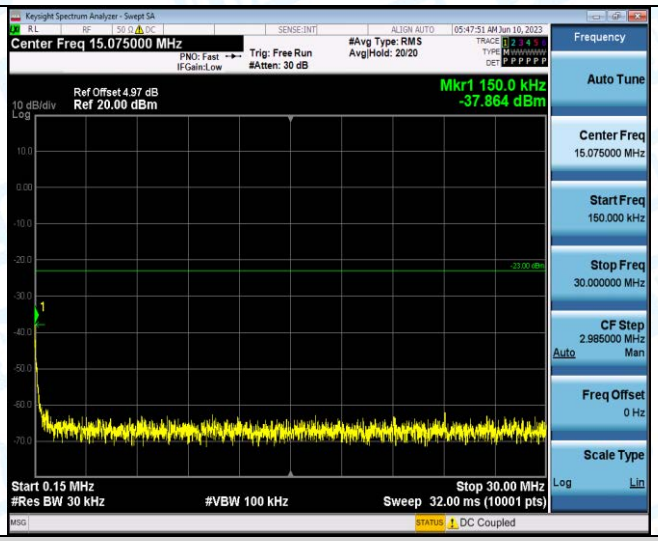


EGPRS1900-661-1000~18000MHz

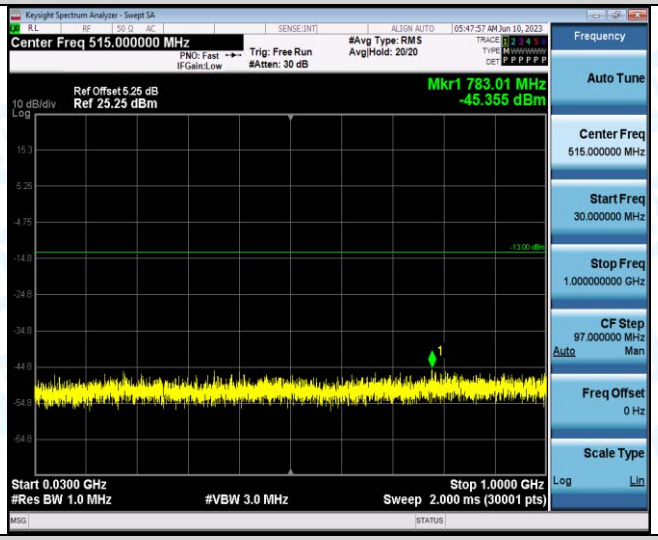
EGPRS1900-810-0.009~0.15MHz



EGPRS1900-810-0.15~30MHz



EGPRS1900-810-30~1000MHz



EGPRS1900-810-1000~18000MHz

6. Frequency Stability

Test Result

Voltage								
Band	Channel	PCL	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	5	VL	NT	15.40	0.018685	±2.5	PASS
GSM850	128	5	VN	NT	16.50	0.020019	±2.5	PASS
GSM850	128	5	VH	NT	16.92	0.020529	±2.5	PASS
GSM850	190	5	VL	NT	13.95	0.016675	±2.5	PASS
GSM850	190	5	VN	NT	15.21	0.018181	±2.5	PASS
GSM850	190	5	VH	NT	11.66	0.013937	±2.5	PASS
GSM850	251	5	VL	NT	16.89	0.019899	±2.5	PASS
GSM850	251	5	VN	NT	14.82	0.017460	±2.5	PASS
GSM850	251	5	VH	NT	16.98	0.020005	±2.5	PASS
GPRS850	128	5	VL	NT	12.24	0.014851	±2.5	PASS
GPRS850	128	5	VN	NT	10.07	0.012218	±2.5	PASS
GPRS850	128	5	VH	NT	12.95	0.015712	±2.5	PASS
GPRS850	190	5	VL	NT	12.04	0.014392	±2.5	PASS
GPRS850	190	5	VN	NT	12.53	0.014977	±2.5	PASS
GPRS850	190	5	VH	NT	11.78	0.014081	±2.5	PASS
GPRS850	251	5	VL	NT	15.37	0.018108	±2.5	PASS
GPRS850	251	5	VN	NT	12.30	0.014491	±2.5	PASS
GPRS850	251	5	VH	NT	10.91	0.012853	±2.5	PASS
EGPRS850	128	8	VL	NT	13.92	0.016889	±2.5	PASS
EGPRS850	128	8	VN	NT	10.82	0.013128	±2.5	PASS
EGPRS850	128	8	VH	NT	12.37	0.015008	±2.5	PASS
EGPRS850	190	8	VL	NT	11.56	0.013818	±2.5	PASS
EGPRS850	190	8	VN	NT	11.62	0.013890	±2.5	PASS
EGPRS850	190	8	VH	NT	6.72	0.008033	±2.5	PASS
EGPRS850	251	8	VL	NT	13.40	0.015787	±2.5	PASS
EGPRS850	251	8	VN	NT	9.78	0.011522	±2.5	PASS
EGPRS850	251	8	VH	NT	12.30	0.014491	±2.5	PASS
GSM1900	512	0	VL	NT	100.02	0.054059	±2.5	PASS
GSM1900	512	0	VN	NT	103.41	0.055891	±2.5	PASS
GSM1900	512	0	VH	NT	105.48	0.057010	±2.5	PASS

GSM1900	661	0	VL	NT	103.41	0.055005	±2.5	PASS
GSM1900	661	0	VN	NT	102.70	0.054628	±2.5	PASS
GSM1900	661	0	VH	NT	105.54	0.056138	±2.5	PASS
GSM1900	810	0	VL	NT	111.81	0.058545	±2.5	PASS
GSM1900	810	0	VN	NT	110.32	0.057765	±2.5	PASS
GSM1900	810	0	VH	NT	106.54	0.055786	±2.5	PASS
GPRS1900	512	0	VL	NT	102.93	0.055632	±2.5	PASS
GPRS1900	512	0	VN	NT	100.38	0.054254	±2.5	PASS
GPRS1900	512	0	VH	NT	102.80	0.055562	±2.5	PASS
GPRS1900	661	0	VL	NT	103.12	0.054851	±2.5	PASS
GPRS1900	661	0	VN	NT	103.38	0.054989	±2.5	PASS
GPRS1900	661	0	VH	NT	99.67	0.053016	±2.5	PASS
GPRS1900	810	0	VL	NT	103.61	0.054252	±2.5	PASS
GPRS1900	810	0	VN	NT	107.93	0.056514	±2.5	PASS
GPRS1900	810	0	VH	NT	105.22	0.055095	±2.5	PASS
EGPRS1900	512	2	VL	NT	97.31	0.052594	±2.5	PASS
EGPRS1900	512	2	VN	NT	103.02	0.055680	±2.5	PASS
EGPRS1900	512	2	VH	NT	105.54	0.057042	±2.5	PASS
EGPRS1900	661	2	VL	NT	101.18	0.053819	±2.5	PASS
EGPRS1900	661	2	VN	NT	98.63	0.052463	±2.5	PASS
EGPRS1900	661	2	VH	NT	98.08	0.052170	±2.5	PASS
EGPRS1900	810	2	VL	NT	109.42	0.057294	±2.5	PASS
EGPRS1900	810	2	VN	NT	102.64	0.053744	±2.5	PASS
EGPRS1900	810	2	VH	NT	104.35	0.054639	±2.5	PASS

Temperature								
Band	Channel	PCL	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	5	NV	-30	15.72	0.019073	±2.5	PASS
GSM850	128	5	NV	-20	17.18	0.020844	±2.5	PASS
GSM850	128	5	NV	-10	16.95	0.020565	±2.5	PASS
GSM850	128	5	NV	0	16.21	0.019668	±2.5	PASS
GSM850	128	5	NV	10	15.56	0.018879	±2.5	PASS
GSM850	128	5	NV	20	17.43	0.021148	±2.5	PASS
GSM850	128	5	NV	30	16.82	0.020408	±2.5	PASS
GSM850	128	5	NV	40	13.08	0.015870	±2.5	PASS

GSM850	128	5	NV	50	14.21	0.017241	±2.5	PASS
GSM850	190	5	NV	-30	11.56	0.013818	±2.5	PASS
GSM850	190	5	NV	-20	14.30	0.017093	±2.5	PASS
GSM850	190	5	NV	-10	11.85	0.014164	±2.5	PASS
GSM850	190	5	NV	0	13.66	0.016328	±2.5	PASS
GSM850	190	5	NV	10	13.40	0.016017	±2.5	PASS
GSM850	190	5	NV	20	12.24	0.014631	±2.5	PASS
GSM850	190	5	NV	30	12.98	0.015515	±2.5	PASS
GSM850	190	5	NV	40	12.43	0.014858	±2.5	PASS
GSM850	190	5	NV	50	15.37	0.018372	±2.5	PASS
GSM850	251	5	NV	-30	14.40	0.016965	±2.5	PASS
GSM850	251	5	NV	-20	17.89	0.021077	±2.5	PASS
GSM850	251	5	NV	-10	15.43	0.018179	±2.5	PASS
GSM850	251	5	NV	0	16.47	0.019404	±2.5	PASS
GSM850	251	5	NV	10	16.79	0.019781	±2.5	PASS
GSM850	251	5	NV	20	17.11	0.020158	±2.5	PASS
GSM850	251	5	NV	30	16.89	0.019899	±2.5	PASS
GSM850	251	5	NV	40	20.08	0.023657	±2.5	PASS
GSM850	251	5	NV	50	18.14	0.021371	±2.5	PASS
GPRS850	128	5	NV	-30	11.85	0.014378	±2.5	PASS
GPRS850	128	5	NV	-20	14.11	0.017120	±2.5	PASS
GPRS850	128	5	NV	-10	12.17	0.014766	±2.5	PASS
GPRS850	128	5	NV	0	11.91	0.014450	±2.5	PASS
GPRS850	128	5	NV	10	13.14	0.015943	±2.5	PASS
GPRS850	128	5	NV	20	13.85	0.016804	±2.5	PASS
GPRS850	128	5	NV	30	14.92	0.018102	±2.5	PASS
GPRS850	128	5	NV	40	16.08	0.019510	±2.5	PASS
GPRS850	128	5	NV	50	18.73	0.022725	±2.5	PASS
GPRS850	190	5	NV	-30	11.59	0.013854	±2.5	PASS
GPRS850	190	5	NV	-20	10.85	0.012969	±2.5	PASS
GPRS850	190	5	NV	-10	11.27	0.013471	±2.5	PASS
GPRS850	190	5	NV	0	11.14	0.013316	±2.5	PASS
GPRS850	190	5	NV	10	9.17	0.010961	±2.5	PASS
GPRS850	190	5	NV	20	11.24	0.013435	±2.5	PASS
GPRS850	190	5	NV	30	11.43	0.013662	±2.5	PASS
GPRS850	190	5	NV	40	13.01	0.015551	±2.5	PASS

GPRS850	190	5	NV	50	13.24	0.015826	±2.5	PASS
GPRS850	251	5	NV	-30	12.56	0.014797	±2.5	PASS
GPRS850	251	5	NV	-20	13.53	0.015940	±2.5	PASS
GPRS850	251	5	NV	-10	13.27	0.015634	±2.5	PASS
GPRS850	251	5	NV	0	12.46	0.014680	±2.5	PASS
GPRS850	251	5	NV	10	12.07	0.014220	±2.5	PASS
GPRS850	251	5	NV	20	12.27	0.014456	±2.5	PASS
GPRS850	251	5	NV	30	13.30	0.015669	±2.5	PASS
GPRS850	251	5	NV	40	13.17	0.015516	±2.5	PASS
GPRS850	251	5	NV	50	14.43	0.017000	±2.5	PASS
EGPRS850	128	8	NV	-30	13.69	0.016610	±2.5	PASS
EGPRS850	128	8	NV	-20	12.95	0.015712	±2.5	PASS
EGPRS850	128	8	NV	-10	12.91	0.015664	±2.5	PASS
EGPRS850	128	8	NV	0	13.56	0.016452	±2.5	PASS
EGPRS850	128	8	NV	10	13.40	0.016258	±2.5	PASS
EGPRS850	128	8	NV	20	12.85	0.015591	±2.5	PASS
EGPRS850	128	8	NV	30	12.91	0.015664	±2.5	PASS
EGPRS850	128	8	NV	40	17.01	0.020638	±2.5	PASS
EGPRS850	128	8	NV	50	17.31	0.021002	±2.5	PASS
EGPRS850	190	8	NV	-30	5.04	0.006024	±2.5	PASS
EGPRS850	190	8	NV	-20	5.55	0.006634	±2.5	PASS
EGPRS850	190	8	NV	-10	6.91	0.008260	±2.5	PASS
EGPRS850	190	8	NV	0	5.10	0.006096	±2.5	PASS
EGPRS850	190	8	NV	10	7.55	0.009025	±2.5	PASS
EGPRS850	190	8	NV	20	5.55	0.006634	±2.5	PASS
EGPRS850	190	8	NV	30	5.33	0.006371	±2.5	PASS
EGPRS850	190	8	NV	40	5.71	0.006825	±2.5	PASS
EGPRS850	190	8	NV	50	4.49	0.005367	±2.5	PASS
EGPRS850	251	8	NV	-30	10.85	0.012783	±2.5	PASS
EGPRS850	251	8	NV	-20	12.07	0.014220	±2.5	PASS
EGPRS850	251	8	NV	-10	13.14	0.015481	±2.5	PASS
EGPRS850	251	8	NV	0	11.72	0.013808	±2.5	PASS
EGPRS850	251	8	NV	10	11.53	0.013584	±2.5	PASS
EGPRS850	251	8	NV	20	12.43	0.014644	±2.5	PASS
EGPRS850	251	8	NV	30	12.56	0.014797	±2.5	PASS
EGPRS850	251	8	NV	40	13.72	0.016164	±2.5	PASS

EGPRS850	251	8	NV	50	13.08	0.015410	±2.5	PASS
GSM1900	512	0	NV	-30	105.09	0.056799	±2.5	PASS
GSM1900	512	0	NV	-20	106.12	0.057356	±2.5	PASS
GSM1900	512	0	NV	-10	94.47	0.051059	±2.5	PASS
GSM1900	512	0	NV	0	85.75	0.046346	±2.5	PASS
GSM1900	512	0	NV	10	85.30	0.046103	±2.5	PASS
GSM1900	512	0	NV	20	81.84	0.044233	±2.5	PASS
GSM1900	512	0	NV	30	77.97	0.042141	±2.5	PASS
GSM1900	512	0	NV	40	81.49	0.044044	±2.5	PASS
GSM1900	512	0	NV	50	87.46	0.047271	±2.5	PASS
GSM1900	661	0	NV	-30	104.48	0.055574	±2.5	PASS
GSM1900	661	0	NV	-20	105.03	0.055867	±2.5	PASS
GSM1900	661	0	NV	-10	103.15	0.054867	±2.5	PASS
GSM1900	661	0	NV	0	106.64	0.056723	±2.5	PASS
GSM1900	661	0	NV	10	104.38	0.055521	±2.5	PASS
GSM1900	661	0	NV	20	102.09	0.054303	±2.5	PASS
GSM1900	661	0	NV	30	105.09	0.055899	±2.5	PASS
GSM1900	661	0	NV	40	109.00	0.057979	±2.5	PASS
GSM1900	661	0	NV	50	95.82	0.050968	±2.5	PASS
GSM1900	810	0	NV	-30	109.84	0.057514	±2.5	PASS
GSM1900	810	0	NV	-20	107.54	0.056310	±2.5	PASS
GSM1900	810	0	NV	-10	108.03	0.056566	±2.5	PASS
GSM1900	810	0	NV	0	109.80	0.057493	±2.5	PASS
GSM1900	810	0	NV	10	109.09	0.057121	±2.5	PASS
GSM1900	810	0	NV	20	111.97	0.058629	±2.5	PASS
GSM1900	810	0	NV	30	109.80	0.057493	±2.5	PASS
GSM1900	810	0	NV	40	96.53	0.050545	±2.5	PASS
GSM1900	810	0	NV	50	92.89	0.048639	±2.5	PASS
GPRS1900	512	0	NV	-30	94.18	0.050903	±2.5	PASS
GPRS1900	512	0	NV	-20	99.80	0.053940	±2.5	PASS
GPRS1900	512	0	NV	-10	103.93	0.056172	±2.5	PASS
GPRS1900	512	0	NV	0	104.57	0.056518	±2.5	PASS
GPRS1900	512	0	NV	10	101.99	0.055124	±2.5	PASS
GPRS1900	512	0	NV	20	109.19	0.059015	±2.5	PASS
GPRS1900	512	0	NV	30	99.02	0.053519	±2.5	PASS
GPRS1900	512	0	NV	40	98.92	0.053464	±2.5	PASS

GPRS1900	512	0	NV	50	100.89	0.054529	±2.5	PASS
GPRS1900	661	0	NV	-30	102.60	0.054574	±2.5	PASS
GPRS1900	661	0	NV	-20	103.12	0.054851	±2.5	PASS
GPRS1900	661	0	NV	-10	98.96	0.052638	±2.5	PASS
GPRS1900	661	0	NV	0	100.80	0.053617	±2.5	PASS
GPRS1900	661	0	NV	10	101.51	0.053995	±2.5	PASS
GPRS1900	661	0	NV	20	102.51	0.054527	±2.5	PASS
GPRS1900	661	0	NV	30	101.89	0.054197	±2.5	PASS
GPRS1900	661	0	NV	40	101.80	0.054149	±2.5	PASS
GPRS1900	661	0	NV	50	98.12	0.052191	±2.5	PASS
GPRS1900	810	0	NV	-30	106.12	0.055566	±2.5	PASS
GPRS1900	810	0	NV	-20	101.77	0.053288	±2.5	PASS
GPRS1900	810	0	NV	-10	101.31	0.053047	±2.5	PASS
GPRS1900	810	0	NV	0	105.06	0.055011	±2.5	PASS
GPRS1900	810	0	NV	10	104.35	0.054639	±2.5	PASS
GPRS1900	810	0	NV	20	104.86	0.054906	±2.5	PASS
GPRS1900	810	0	NV	30	104.12	0.054519	±2.5	PASS
GPRS1900	810	0	NV	40	103.22	0.054048	±2.5	PASS
GPRS1900	810	0	NV	50	110.22	0.057713	±2.5	PASS
EGPRS1900	512	2	NV	-30	86.49	0.046746	±2.5	PASS
EGPRS1900	512	2	NV	-20	105.12	0.056815	±2.5	PASS
EGPRS1900	512	2	NV	-10	97.28	0.052578	±2.5	PASS
EGPRS1900	512	2	NV	0	97.21	0.052540	±2.5	PASS
EGPRS1900	512	2	NV	10	98.41	0.053189	±2.5	PASS
EGPRS1900	512	2	NV	20	97.50	0.052697	±2.5	PASS
EGPRS1900	512	2	NV	30	115.10	0.062209	±2.5	PASS
EGPRS1900	512	2	NV	40	111.87	0.060464	±2.5	PASS
EGPRS1900	512	2	NV	50	106.83	0.057740	±2.5	PASS
EGPRS1900	661	2	NV	-30	91.27	0.048548	±2.5	PASS
EGPRS1900	661	2	NV	-20	100.83	0.053633	±2.5	PASS
EGPRS1900	661	2	NV	-10	95.92	0.051021	±2.5	PASS
EGPRS1900	661	2	NV	0	101.99	0.054250	±2.5	PASS
EGPRS1900	661	2	NV	10	99.83	0.053101	±2.5	PASS
EGPRS1900	661	2	NV	20	96.37	0.051261	±2.5	PASS
EGPRS1900	661	2	NV	30	107.45	0.057154	±2.5	PASS
EGPRS1900	661	2	NV	40	96.70	0.051436	±2.5	PASS

EGPRS1900	661	2	NV	50	96.28	0.051213	±2.5	PASS
EGPRS1900	810	2	NV	-30	98.44	0.051545	±2.5	PASS
EGPRS1900	810	2	NV	-20	107.58	0.056331	±2.5	PASS
EGPRS1900	810	2	NV	-10	101.28	0.053032	±2.5	PASS
EGPRS1900	810	2	NV	0	100.73	0.052744	±2.5	PASS
EGPRS1900	810	2	NV	10	108.96	0.057053	±2.5	PASS
EGPRS1900	810	2	NV	20	98.76	0.051712	±2.5	PASS
EGPRS1900	810	2	NV	30	108.96	0.057053	±2.5	PASS
EGPRS1900	810	2	NV	40	113.13	0.059237	±2.5	PASS
EGPRS1900	810	2	NV	50	101.31	0.053047	±2.5	PASS

----END OF THE REPORT-----