

APPENDIX REPORT

Project No.	SHT2208214102EW	Radio Specification	GSM
Test sample No.	YPHT22082141009	Model No.	SF650
Start test date	2022-11-18	Finish date	2022-11-30
Temperature	25.2°C	Humidity	53%
Test Engineer	Xiaodong Zhao	Auditor	<i>Xiaodong Zhao</i>

Appendix clause	Test item	Result
A	Conducted Output Power	PASS
B	Peak-to-Average Ratio	PASS
C	26 dB Bandwidth and Occupied Bandwidth	PASS
D	Band edge	PASS
E	Conducted Spurious Emission	PASS
F	Frequency Stability	PASS
G	ERP and EIRP	PASS

8.1 Appendix A: Conducted Output Power

Test Result

Band	Channel	PCL	Power(dBm)	Limit(dBm)	Verdict
GSM850	128	5	34.55	38.5	PASS
GSM850	190	5	34.61	38.5	PASS
GSM850	251	5	34.42	38.5	PASS
GSM1900	512	0	29.72	33	PASS
GSM1900	661	0	29.90	33	PASS
GSM1900	810	0	29.84	33	PASS

Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	5	1	34.28	38.5	PASS
GPRS850	128	5	2	33.60	38.5	PASS
GPRS850	128	5	3	31.91	38.5	PASS
GPRS850	128	5	4	30.70	38.5	PASS
GPRS850	190	5	1	34.03	38.5	PASS
GPRS850	190	5	2	33.65	38.5	PASS
GPRS850	190	5	3	31.95	38.5	PASS
GPRS850	190	5	4	30.76	38.5	PASS
GPRS850	251	5	1	33.75	38.5	PASS
GPRS850	251	5	2	33.30	38.5	PASS
GPRS850	251	5	3	31.62	38.5	PASS
GPRS850	251	5	4	30.59	38.5	PASS
GPRS1900	512	0	1	29.71	33	PASS
GPRS1900	512	0	2	29.00	33	PASS
GPRS1900	512	0	3	27.28	33	PASS
GPRS1900	512	0	4	26.19	33	PASS
GPRS1900	661	0	1	29.82	33	PASS
GPRS1900	661	0	2	29.17	33	PASS
GPRS1900	661	0	3	27.45	33	PASS
GPRS1900	661	0	4	26.35	33	PASS
GPRS1900	810	0	1	29.88	33	PASS
GPRS1900	810	0	2	29.24	33	PASS
GPRS1900	810	0	3	27.50	33	PASS
GPRS1900	810	0	4	26.38	33	PASS

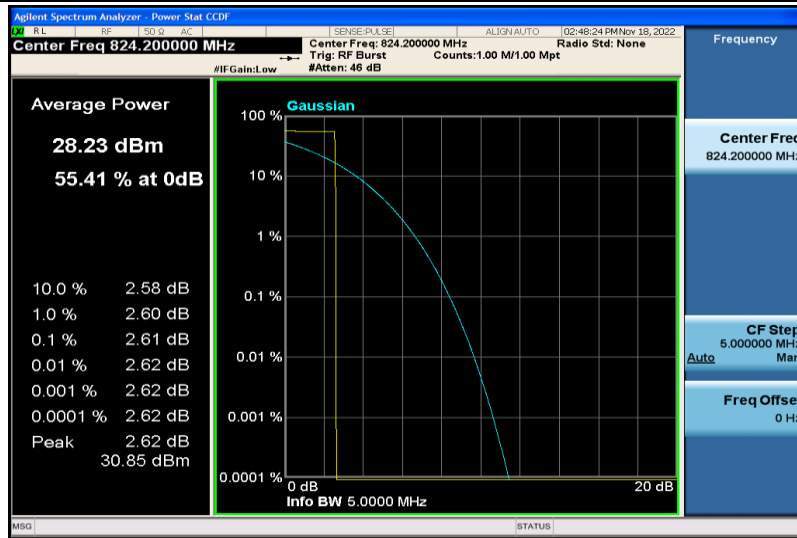
Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	8	1	29.01	38.5	PASS
EGPRS850	128	8	2	27.98	38.5	PASS
EGPRS850	128	8	3	25.62	38.5	PASS
EGPRS850	128	8	4	23.51	38.5	PASS
EGPRS850	190	8	1	28.49	38.5	PASS
EGPRS850	190	8	2	27.55	38.5	PASS
EGPRS850	190	8	3	25.33	38.5	PASS
EGPRS850	190	8	4	23.28	38.5	PASS
EGPRS850	251	8	1	28.53	38.5	PASS
EGPRS850	251	8	2	27.35	38.5	PASS
EGPRS850	251	8	3	25.27	38.5	PASS
EGPRS850	251	8	4	23.37	38.5	PASS
EGPRS1900	512	2	1	25.77	33	PASS
EGPRS1900	512	2	2	24.61	33	PASS
EGPRS1900	512	2	3	22.46	33	PASS
EGPRS1900	512	2	4	21.14	33	PASS
EGPRS1900	661	2	1	24.66	33	PASS
EGPRS1900	661	2	2	24.21	33	PASS
EGPRS1900	661	2	3	22.03	33	PASS
EGPRS1900	661	2	4	20.64	33	PASS
EGPRS1900	810	2	1	24.97	33	PASS
EGPRS1900	810	2	2	24.38	33	PASS
EGPRS1900	810	2	3	22.22	33	PASS
EGPRS1900	810	2	4	20.85	33	PASS

8.2 Appendix B: Peak-to-Average Ratio

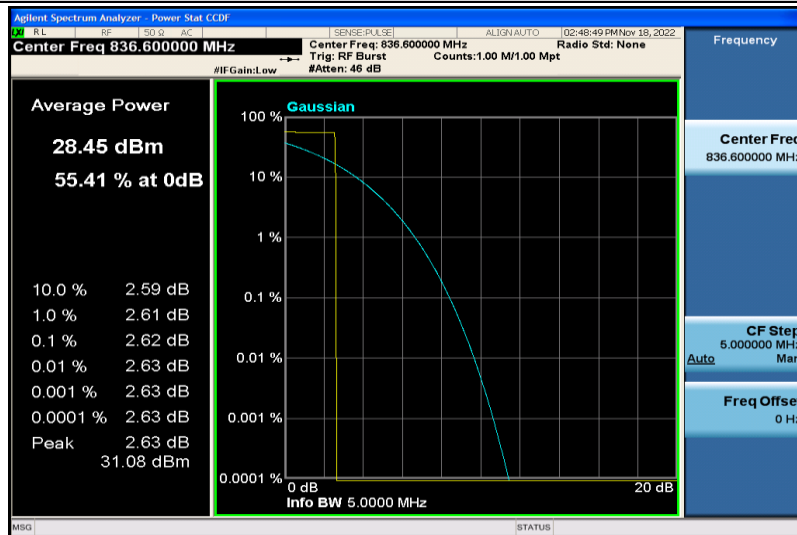
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
GSM850	128	2.61	13	PASS
GSM850	190	2.62	13	PASS
GSM850	251	2.61	13	PASS
GPRS850	128	2.61	13	PASS
GPRS850	190	2.61	13	PASS
GPRS850	251	2.61	13	PASS
EGPRS850	128	5.54	13	PASS
EGPRS850	190	5.63	13	PASS
EGPRS850	251	5.67	13	PASS
GSM1900	512	2.61	13	PASS
GSM1900	661	2.61	13	PASS
GSM1900	810	2.62	13	PASS
GPRS1900	512	2.62	13	PASS
GPRS1900	661	2.61	13	PASS
GPRS1900	810	2.62	13	PASS
EGPRS1900	512	5.52	13	PASS
EGPRS1900	661	5.53	13	PASS
EGPRS1900	810	5.42	13	PASS

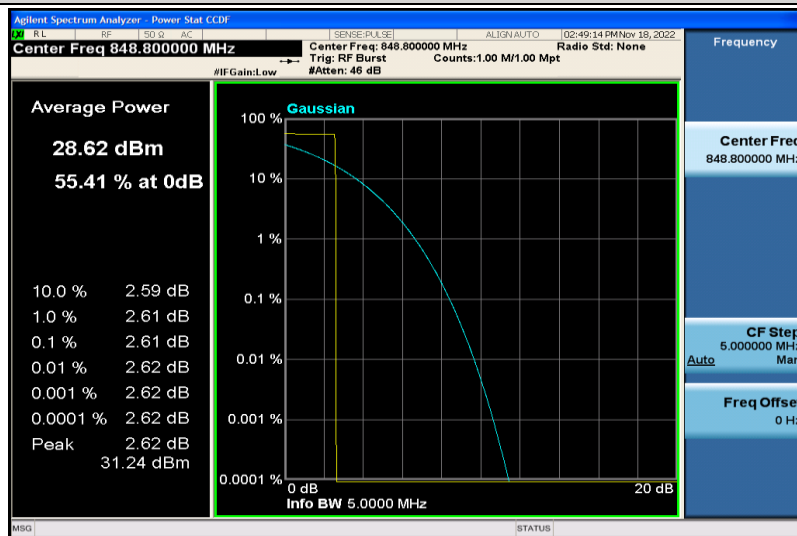
Test Graphs



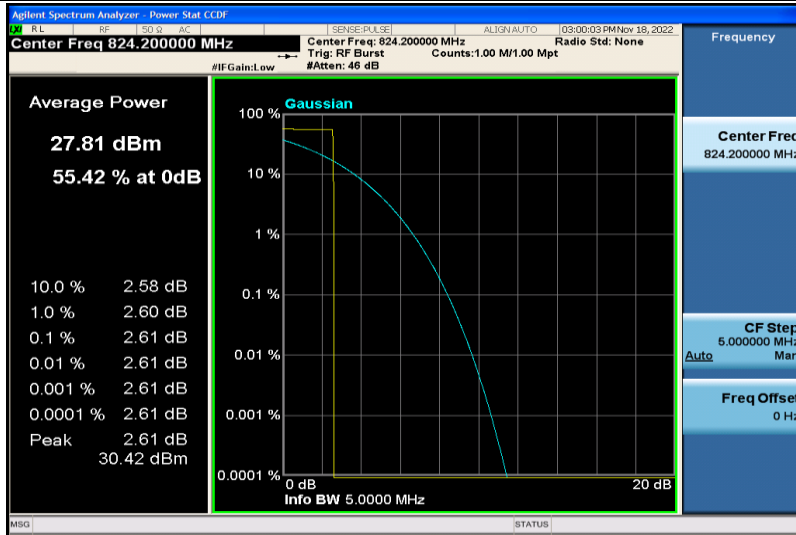
GSM850-128



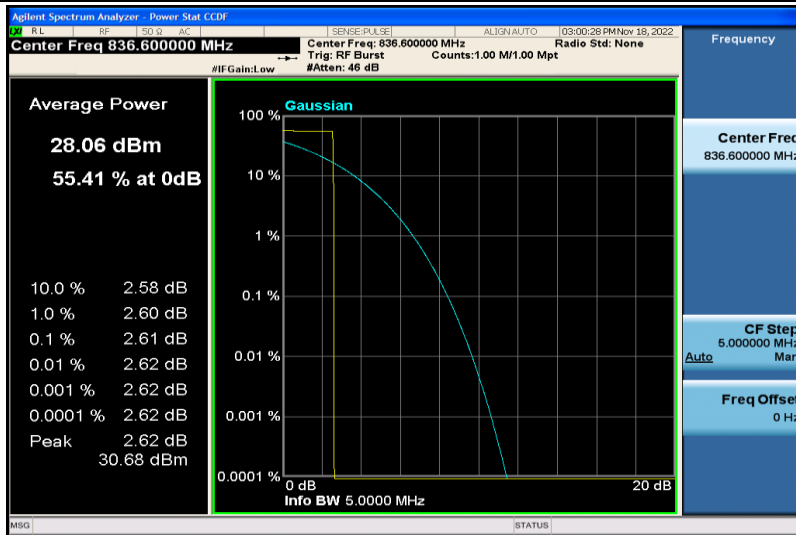
GSM850-190



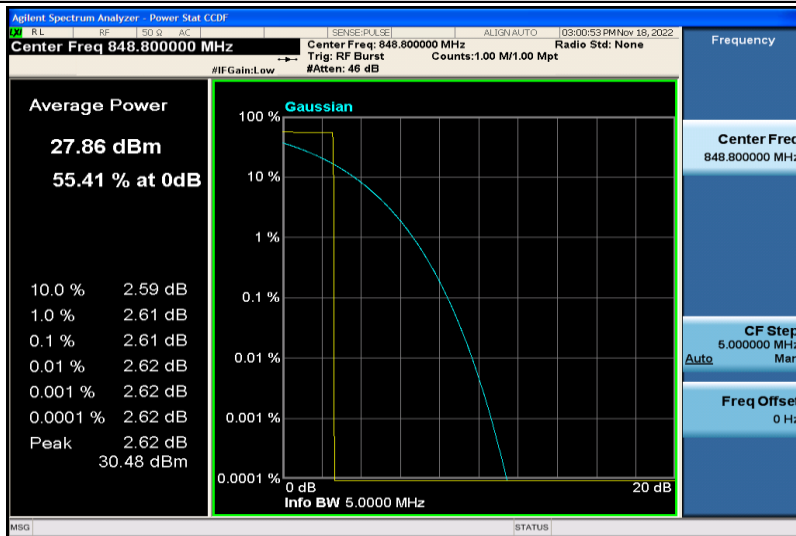
GSM850-251



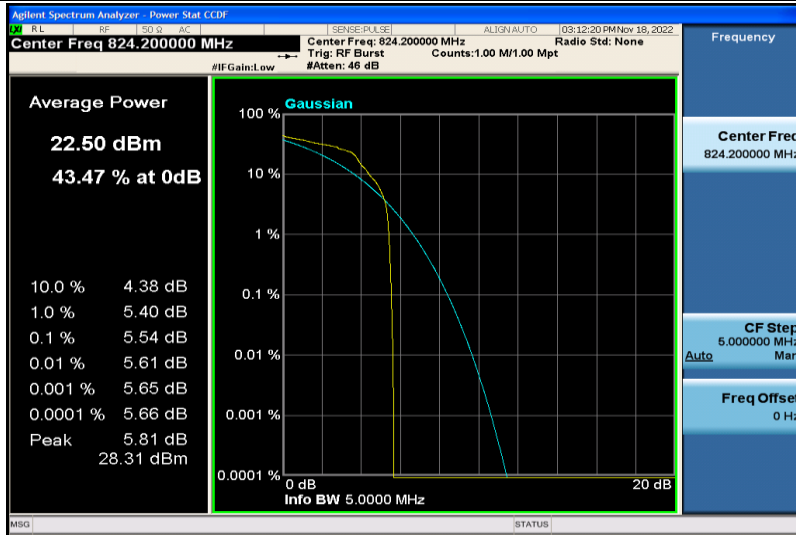
GPRS850-128



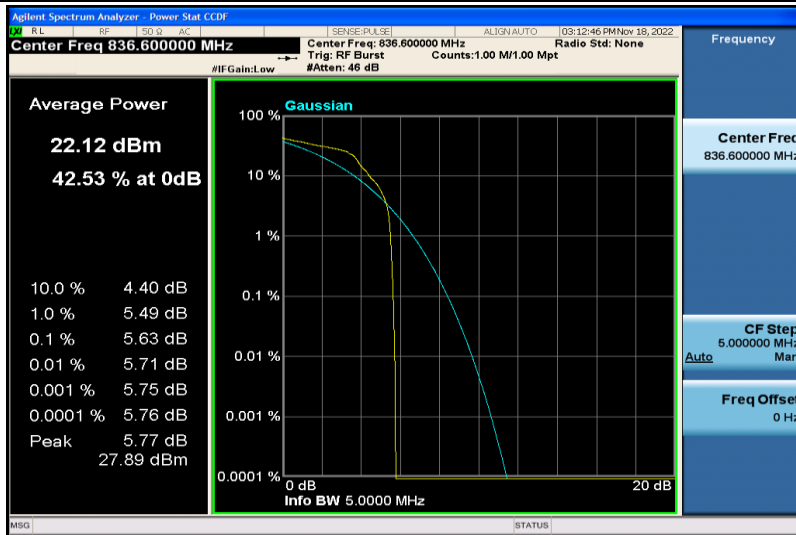
GPRS850-190



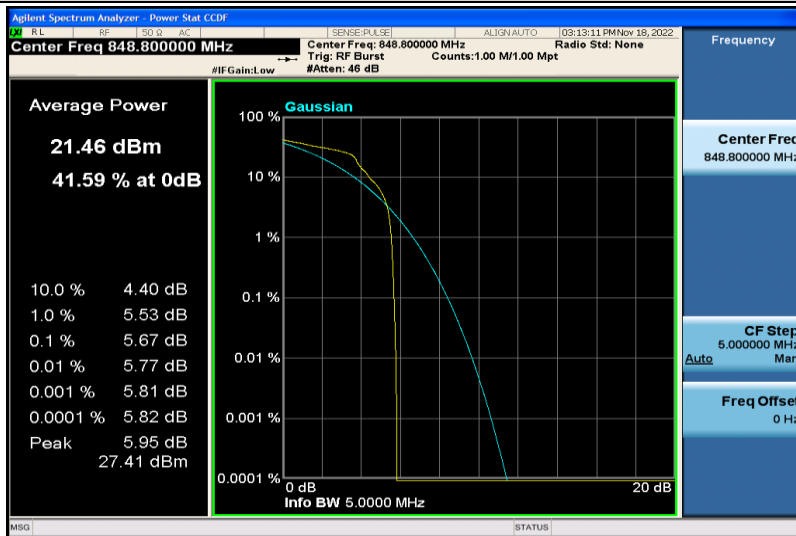
GPRS850-251



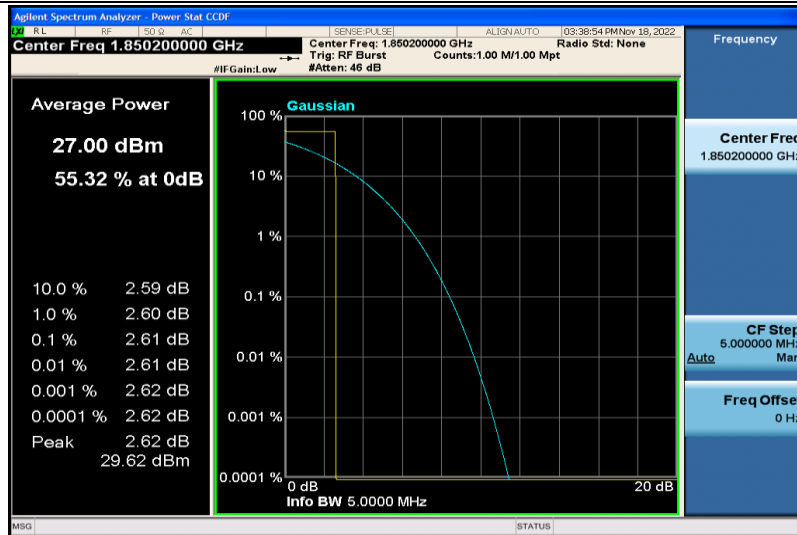
EGPRS850-128



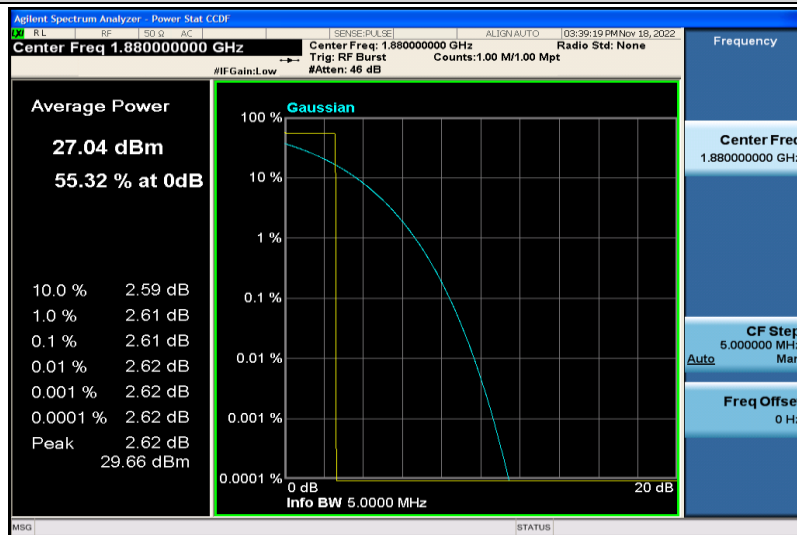
EGPRS850-190



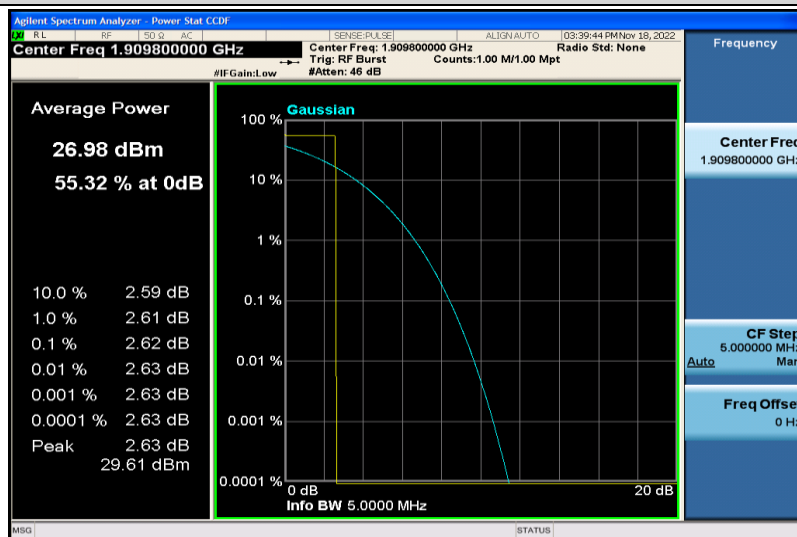
EGPRS850-251



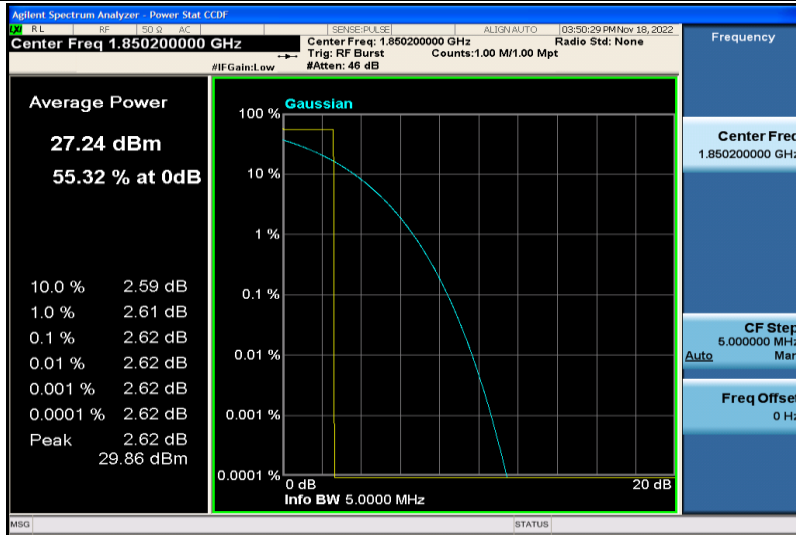
GSM1900-512



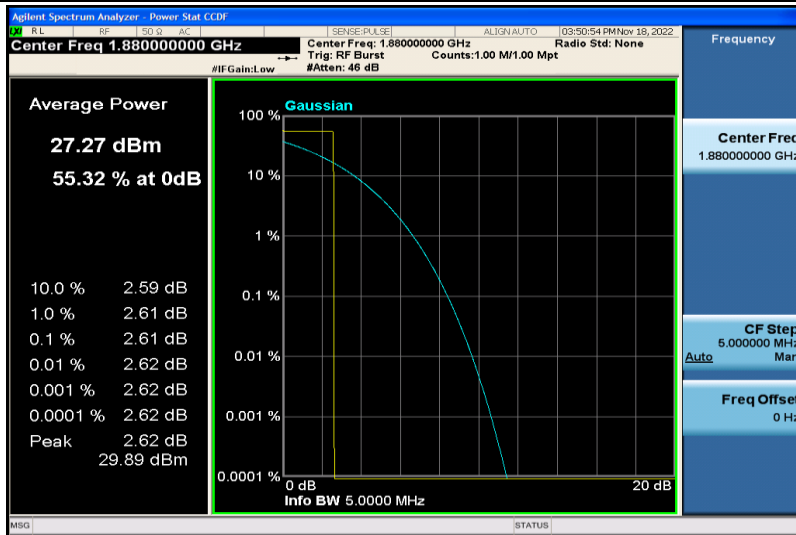
GSM1900-661



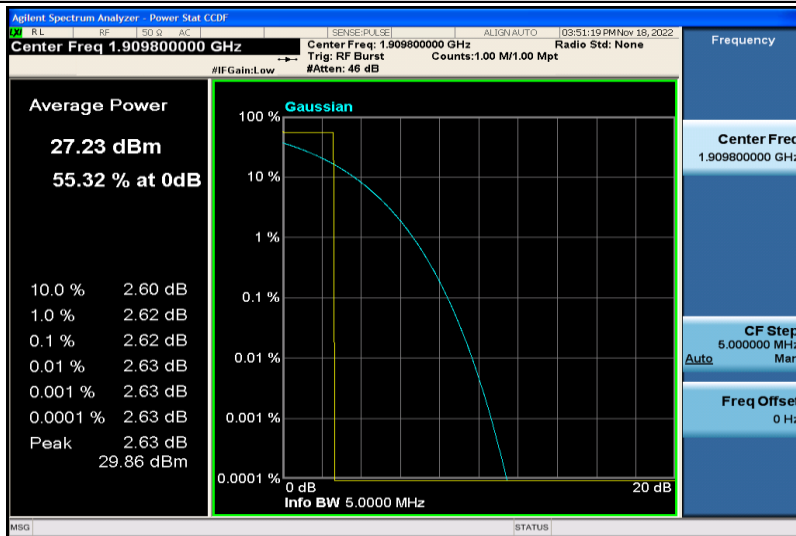
GSM1900-810



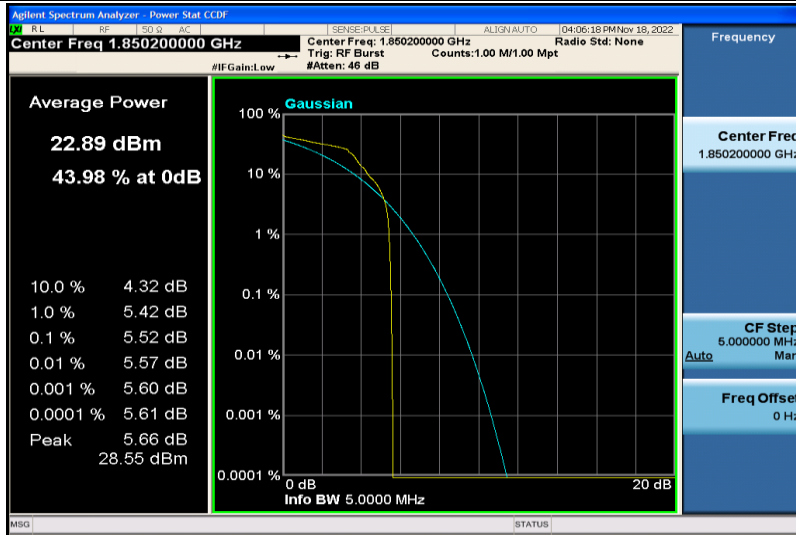
GPRS1900-512



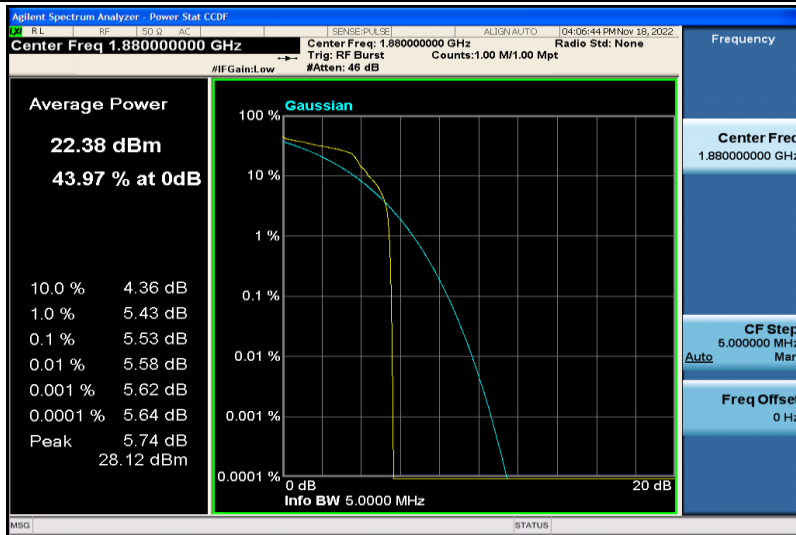
GPRS1900-661



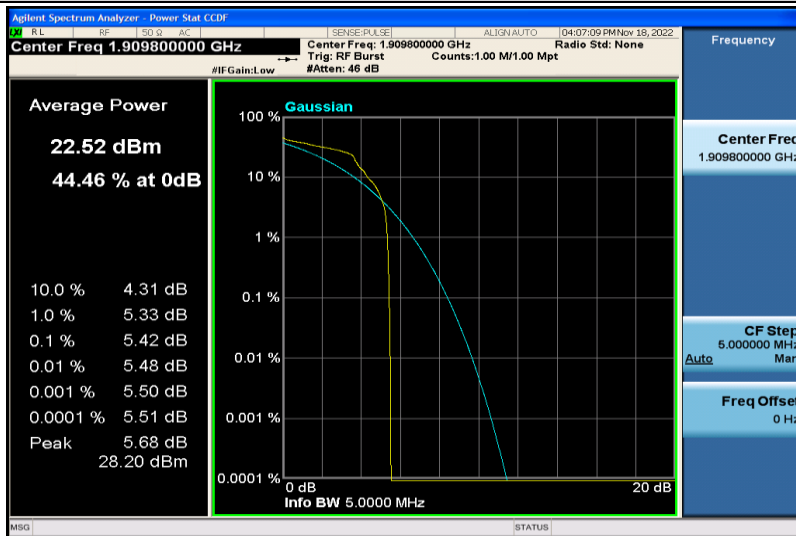
GPRS1900-810



EGPRS1900-512



EGPRS1900-661



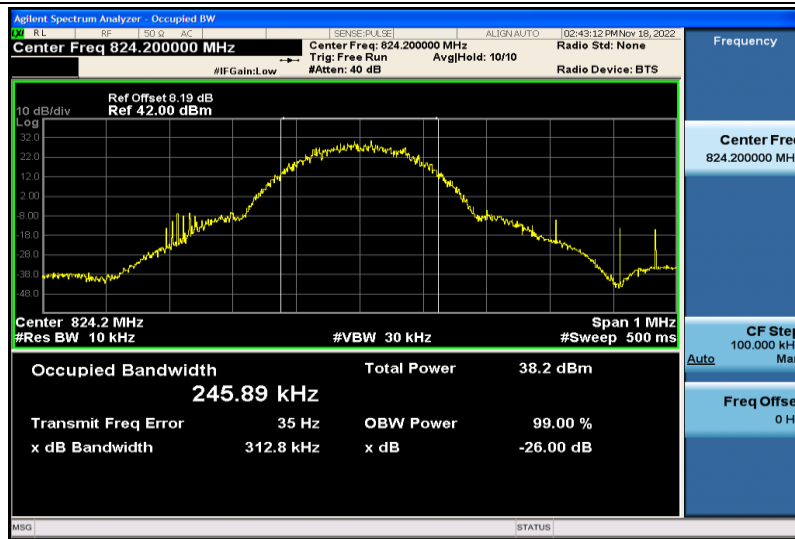
EGPRS1900-810

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

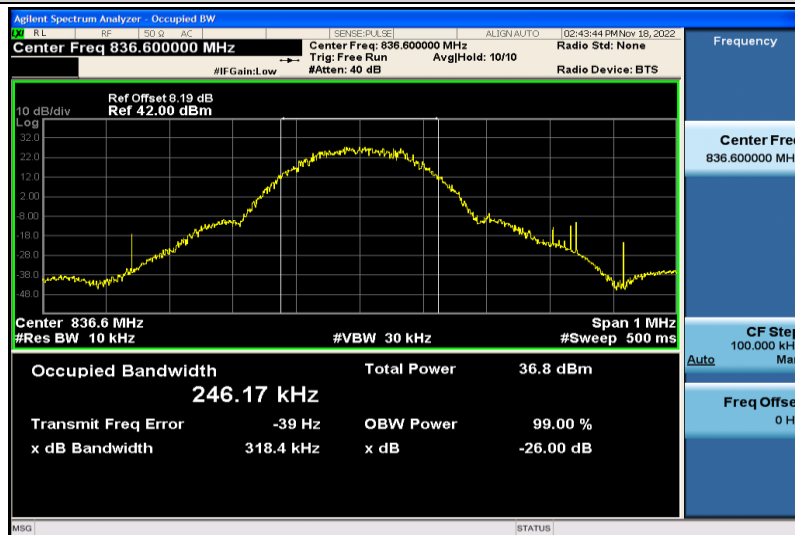
Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	245.89	312.8	---	PASS
GSM850	190	246.17	318.4	---	PASS
GSM850	251	246.33	315.9	---	PASS
GPRS850	128	249.63	318.5	---	PASS
GPRS850	190	247.87	317.1	---	PASS
GPRS850	251	244.79	316.8	---	PASS
EGPRS850	128	251.73	321.8	---	PASS
EGPRS850	190	247.52	314.3	---	PASS
EGPRS850	251	249.89	316.6	---	PASS
GSM1900	512	245.77	315.5	---	PASS
GSM1900	661	246.28	314.6	---	PASS
GSM1900	810	246.15	318.6	---	PASS
GPRS1900	512	244.58	319.9	---	PASS
GPRS1900	661	245.73	318.5	---	PASS
GPRS1900	810	244.59	321.3	---	PASS
EGPRS1900	512	247.09	312.2	---	PASS
EGPRS1900	661	245.41	321.4	---	PASS
EGPRS1900	810	247.12	313.9	---	PASS

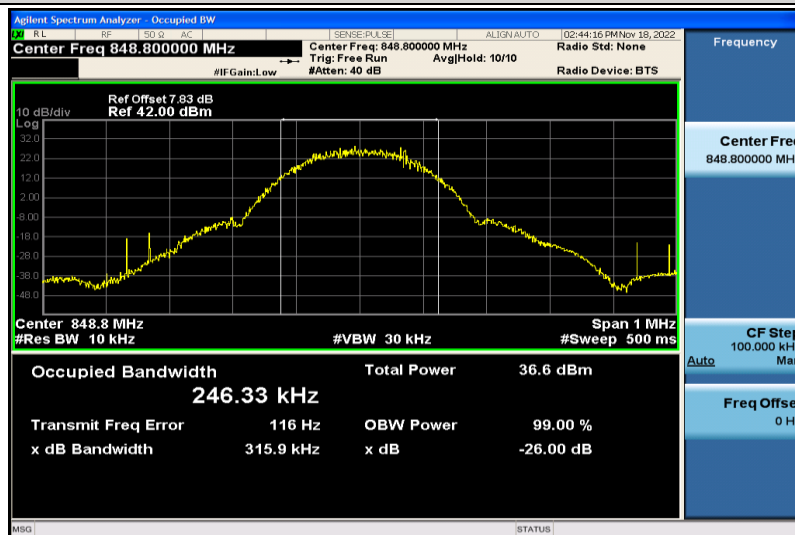
Test Graphs



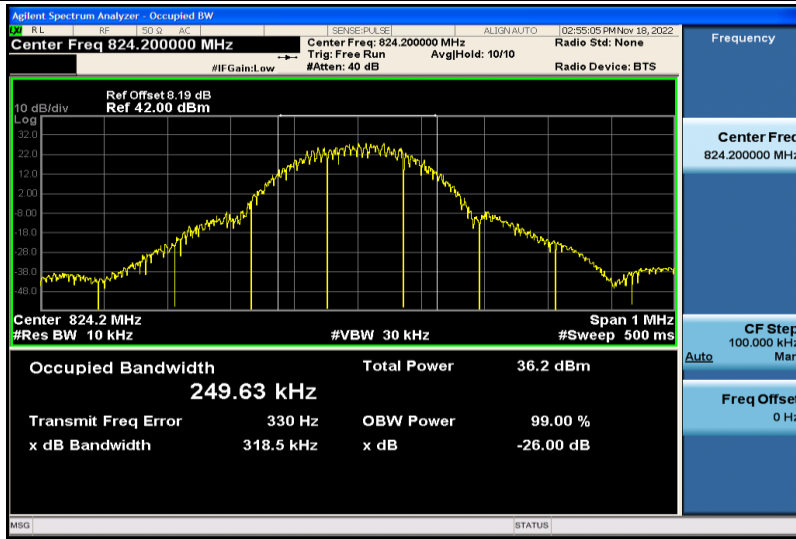
GSM850-128



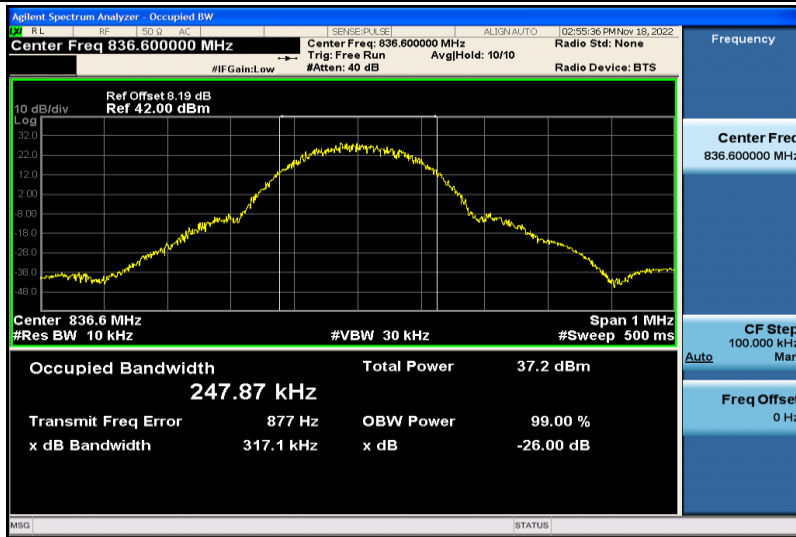
GSM850-190



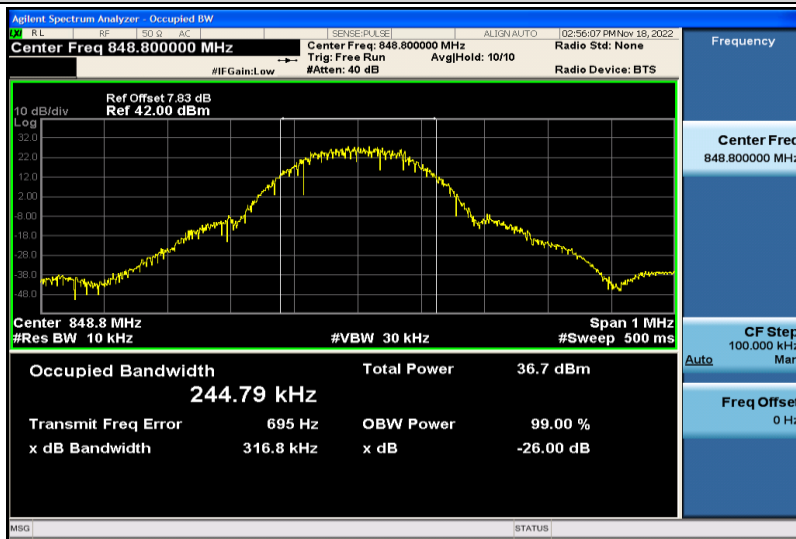
GSM850-251



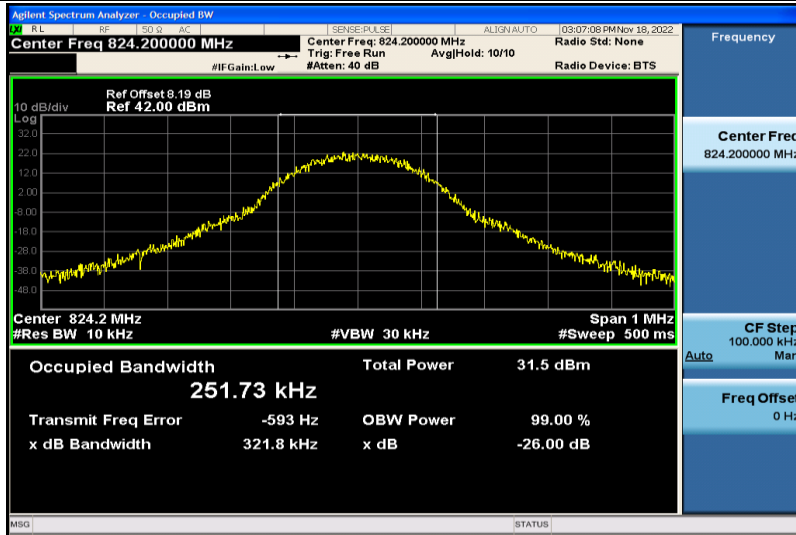
GPRS850-128



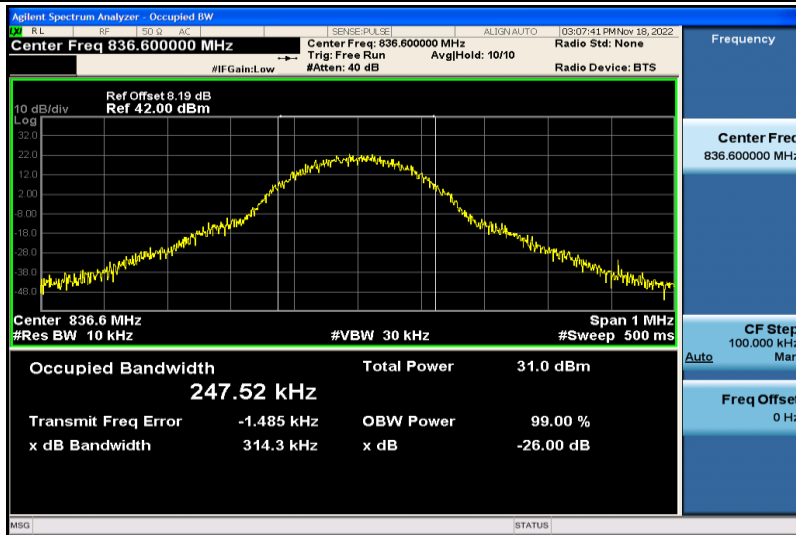
GPRS850-190



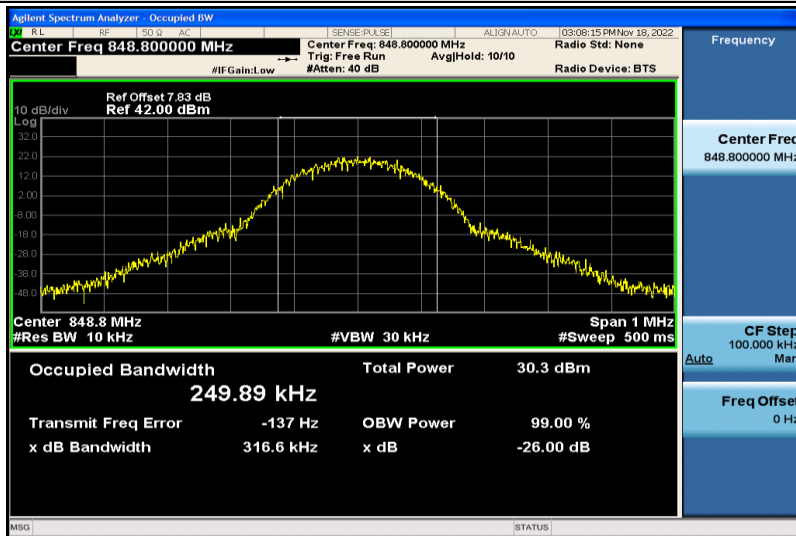
GPRS850-251



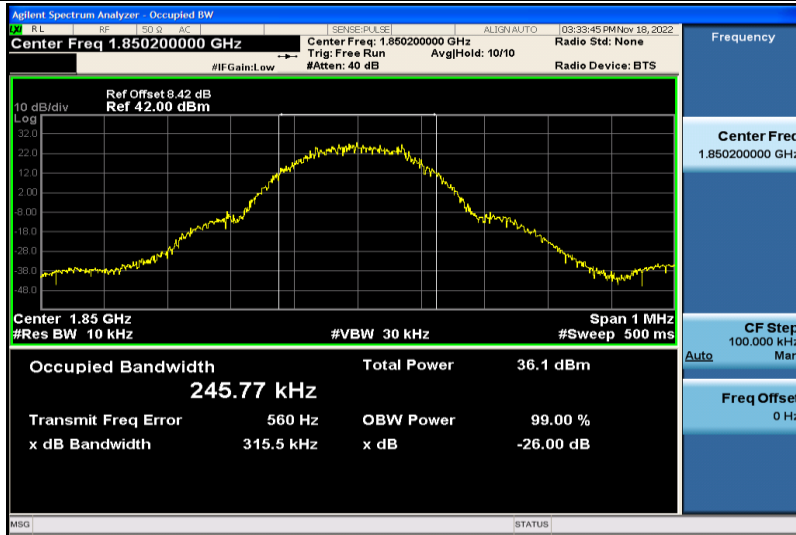
EGPRS850-128



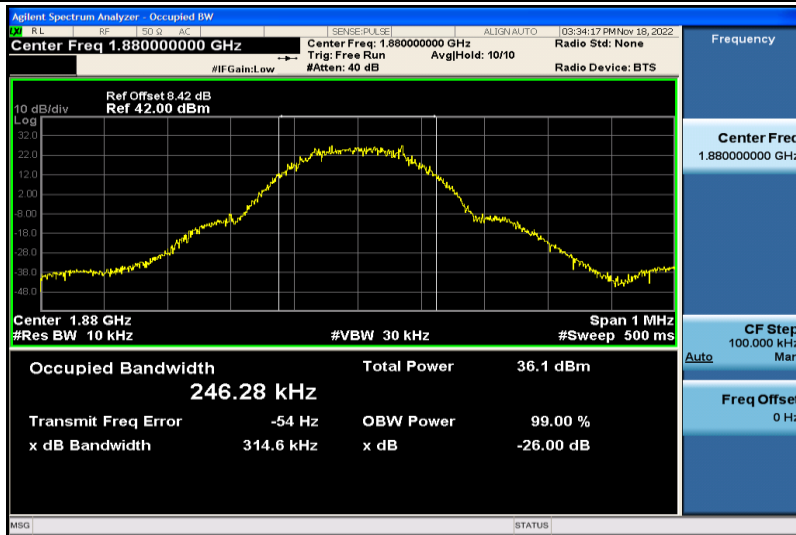
EGPRS850-190



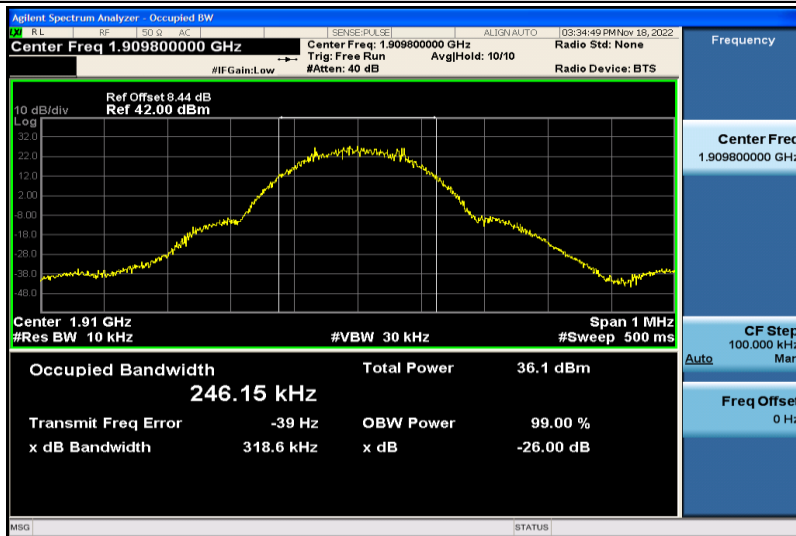
EGPRS850-251



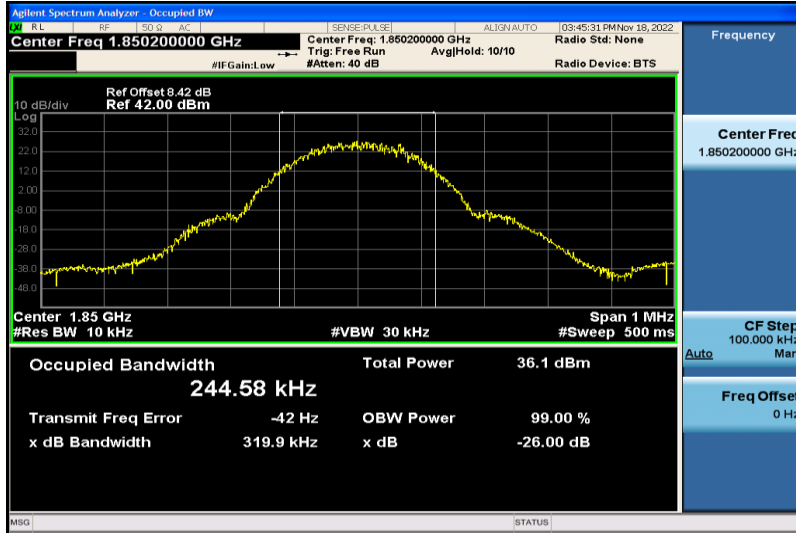
GSM1900-512



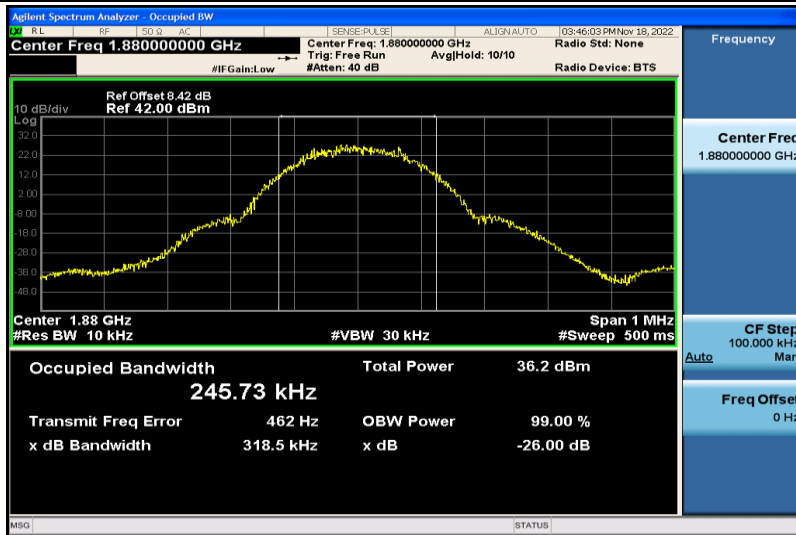
GSM1900-661



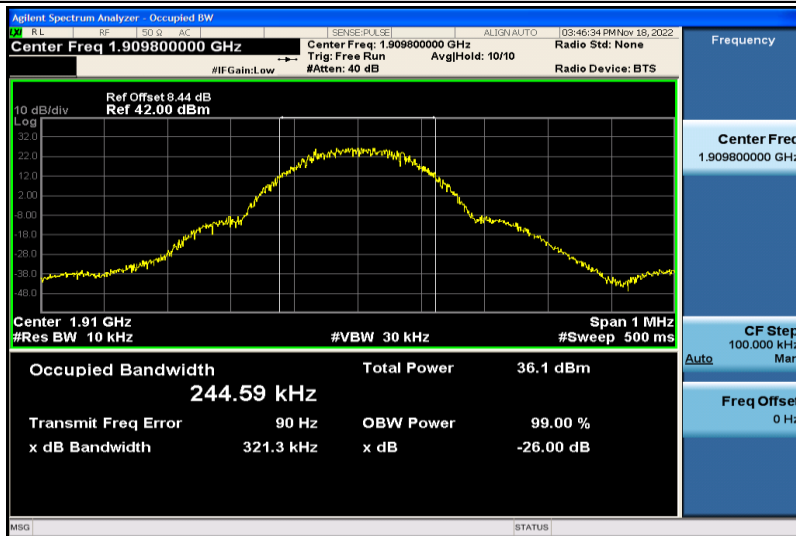
GSM1900-810



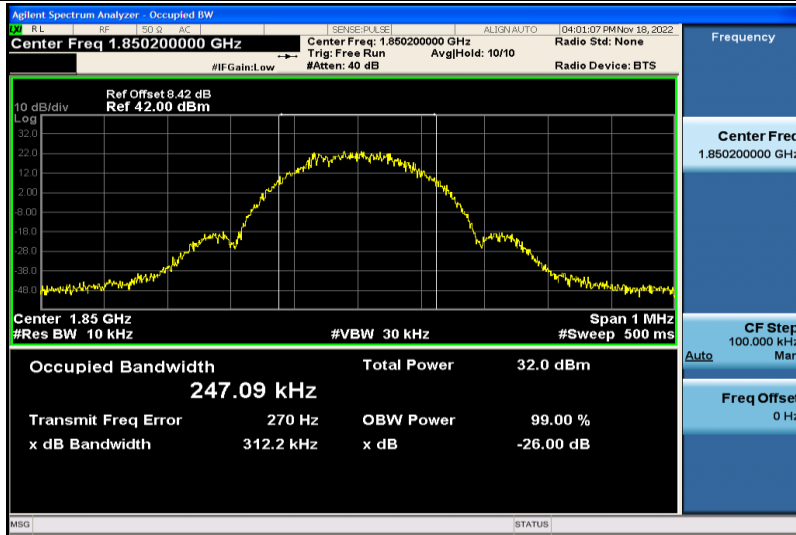
GPRS1900-512



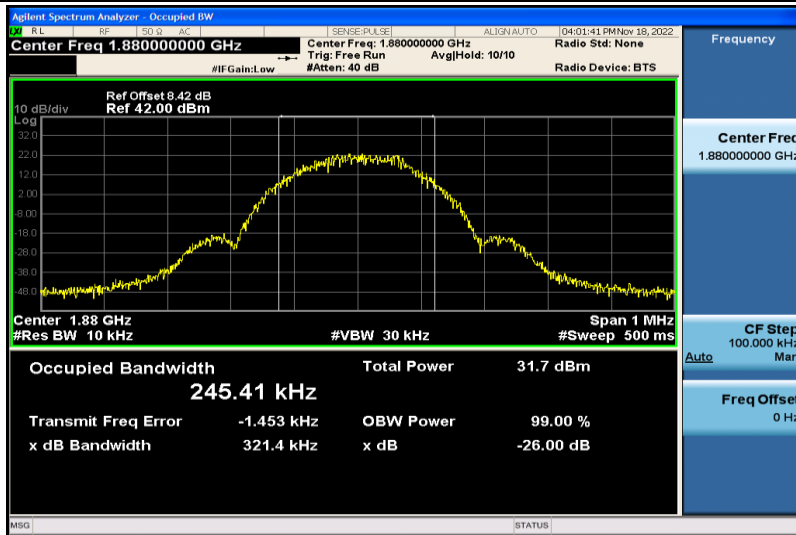
GPRS1900-661



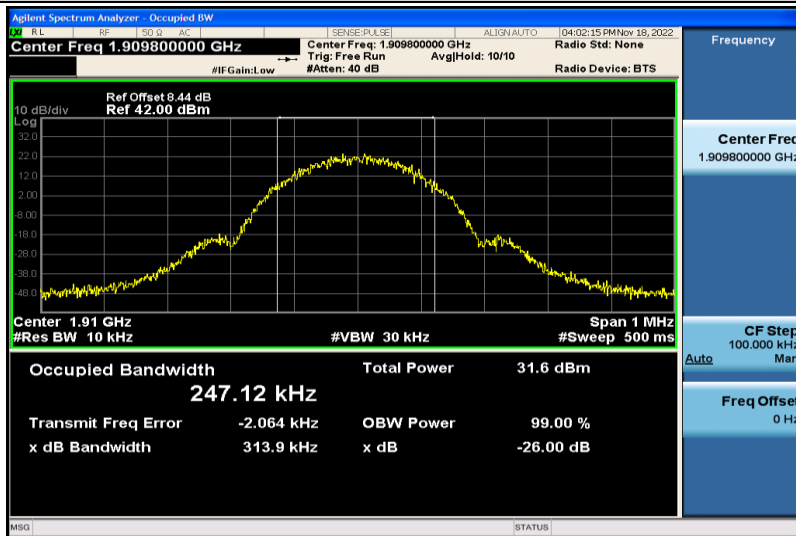
GPRS1900-810



EGPRS1900-512



EGPRS1900-661



EGPRS1900-810

8.4 Appendix D: Band Edge

Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-27.64	-13	PASS
GSM850	251	-29.15	-13	PASS
GPRS850	128	-28.75	-13	PASS
GPRS850	251	-28.75	-13	PASS
EGPRS850	128	-32.70	-13	PASS
EGPRS850	251	-37.00	-13	PASS
GSM1900	512	-30.75	-13	PASS
GSM1900	810	-29.44	-13	PASS
GPRS1900	512	-31.03	-13	PASS
GPRS1900	810	-30.19	-13	PASS
EGPRS1900	512	-39.39	-13	PASS
EGPRS1900	810	-39.77	-13	PASS

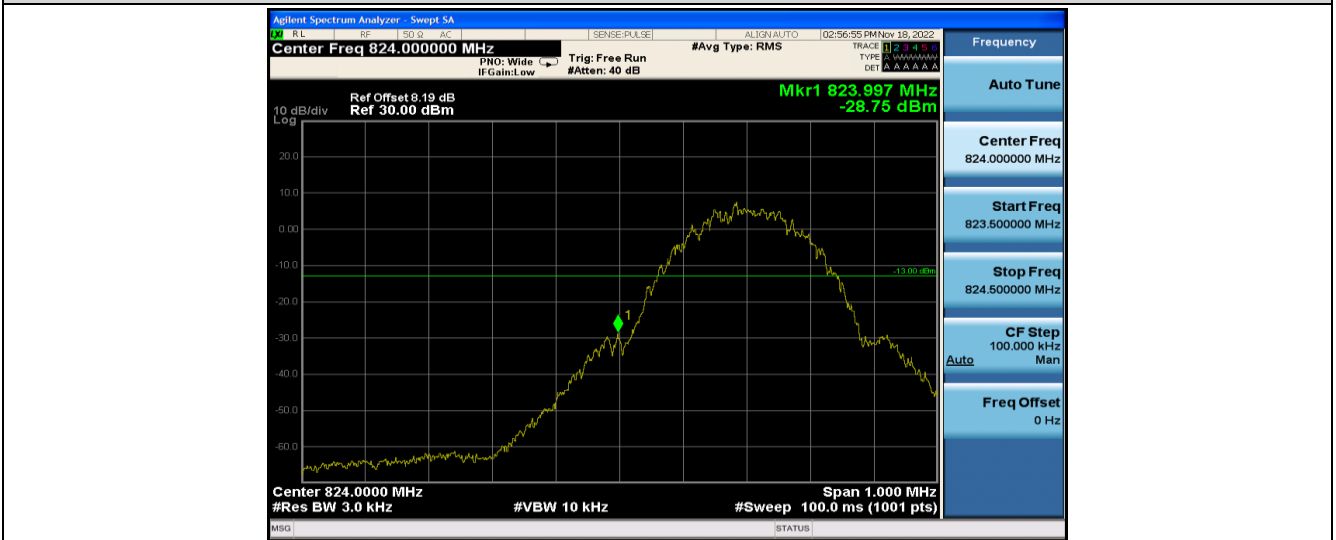
Test Graphs



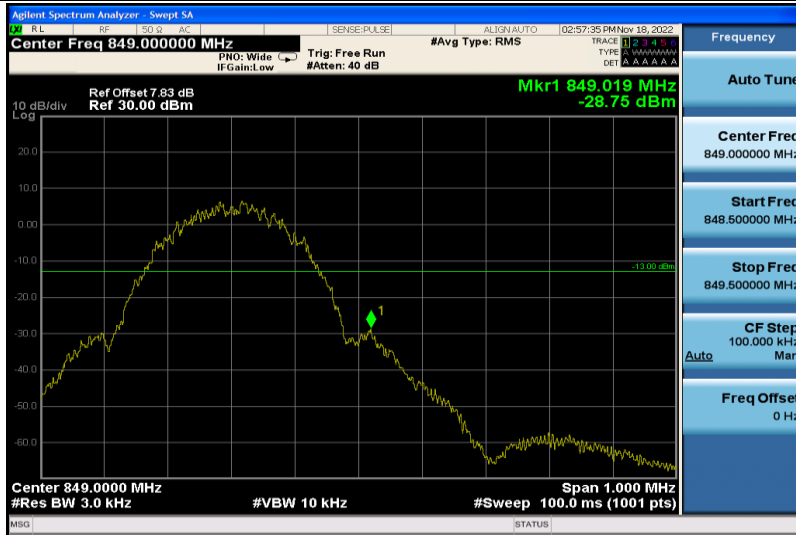
GSM850-128



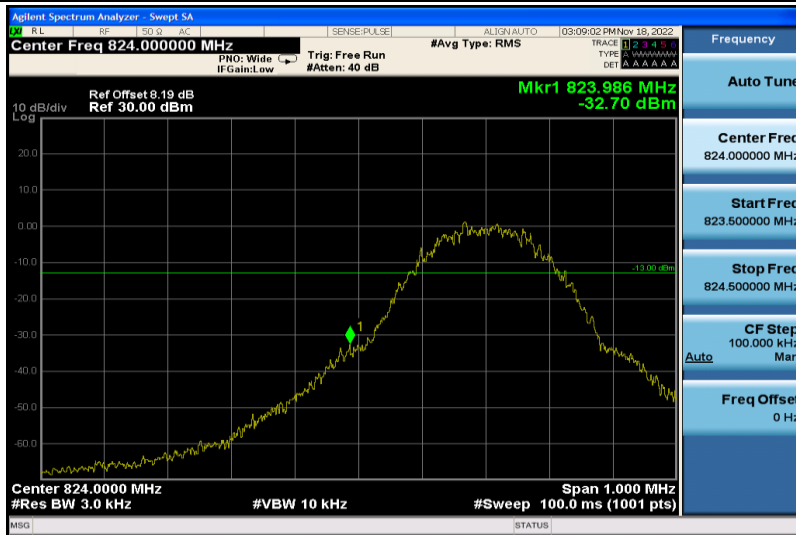
GSM850-251



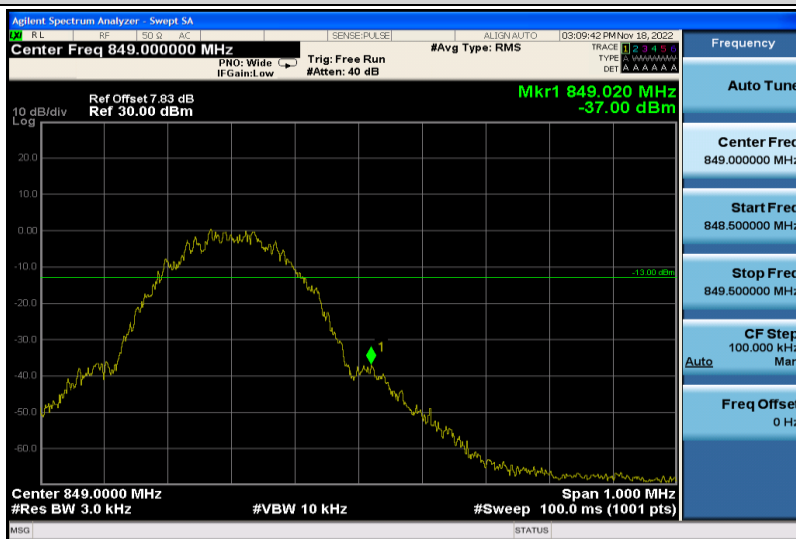
GPRS850-128



GPRS850-251



EGPRS850-128



EGPRS850-251



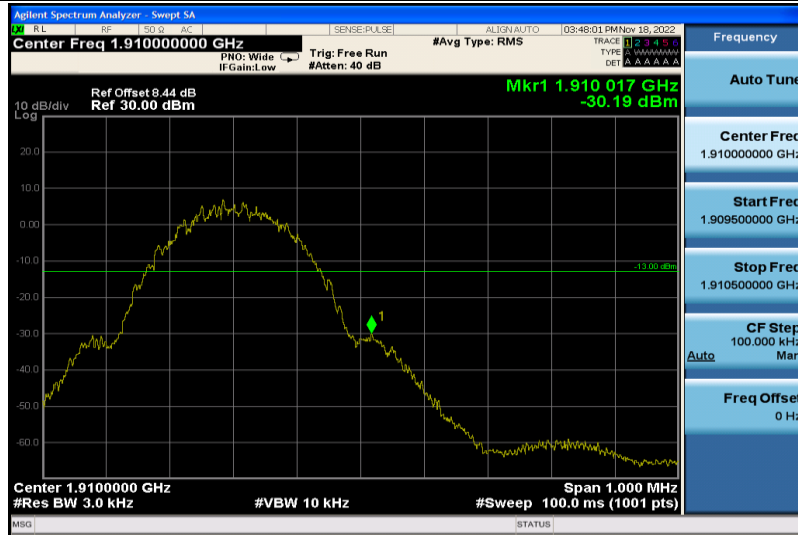
GSM1900-512



GSM1900-810



GPRS1900-512



GPRS1900-810



EGPRS1900-512



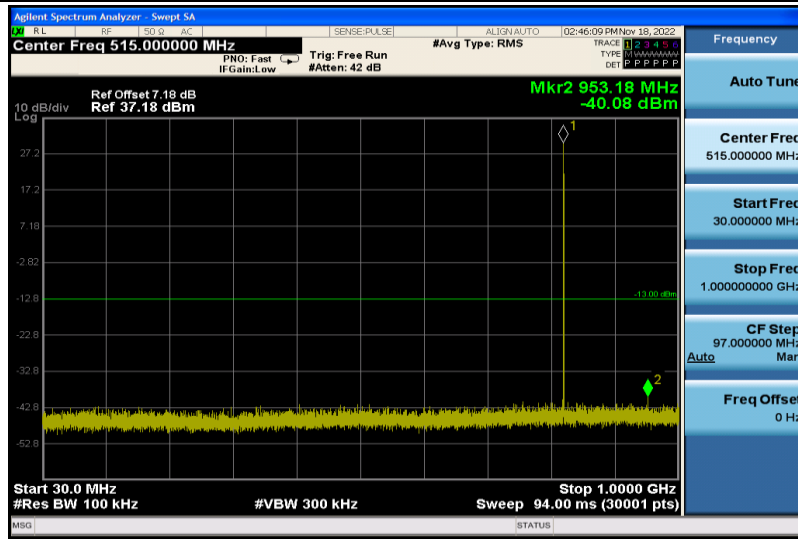
EGPRS1900-810

8.5 Appendix E: Conducted Spurious Emission

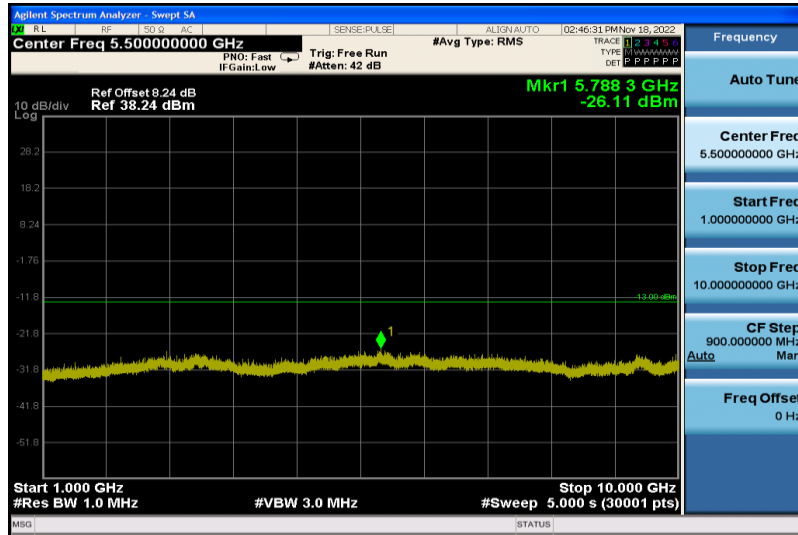
Test Result

Band	Channel	Frequency Range(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	30~1000	-40.08	-13	PASS
GSM850	128	1000~10000	-26.11	-13	PASS
GSM850	190	30~1000	-41.18	-13	PASS
GSM850	190	1000~10000	-26.33	-13	PASS
GSM850	251	30~1000	-40.54	-13	PASS
GSM850	251	1000~10000	-26.06	-13	PASS
GPRS850	128	30~1000	-40.52	-13	PASS
GPRS850	128	1000~10000	-26.69	-13	PASS
GPRS850	190	30~1000	-40.80	-13	PASS
GPRS850	190	1000~10000	-26.29	-13	PASS
GPRS850	251	30~1000	-40.01	-13	PASS
GPRS850	251	1000~10000	-26.53	-13	PASS
EGPRS850	128	30~1000	-40.87	-13	PASS
EGPRS850	128	1000~10000	-26.05	-13	PASS
EGPRS850	190	30~1000	-41.40	-13	PASS
EGPRS850	190	1000~10000	-25.36	-13	PASS
EGPRS850	251	30~1000	-41.16	-13	PASS
EGPRS850	251	1000~10000	-26.63	-13	PASS
GSM1900	512	30~1000	-40.57	-13	PASS
GSM1900	512	1000~20000	-20.15	-13	PASS
GSM1900	661	30~1000	-40.84	-13	PASS
GSM1900	661	1000~20000	-19.74	-13	PASS
GSM1900	810	30~1000	-40.20	-13	PASS
GSM1900	810	1000~20000	-19.80	-13	PASS
GPRS1900	512	30~1000	-40.50	-13	PASS
GPRS1900	512	1000~20000	-19.84	-13	PASS
GPRS1900	661	30~1000	-40.85	-13	PASS
GPRS1900	661	1000~20000	-20.22	-13	PASS
GPRS1900	810	30~1000	-40.59	-13	PASS
GPRS1900	810	1000~20000	-20.13	-13	PASS
EGPRS1900	512	30~1000	-40.78	-13	PASS
EGPRS1900	512	1000~20000	-20.11	-13	PASS
EGPRS1900	661	30~1000	-41.41	-13	PASS
EGPRS1900	661	1000~20000	-20.06	-13	PASS
EGPRS1900	810	30~1000	-41.12	-13	PASS
EGPRS1900	810	1000~20000	-19.28	-13	PASS

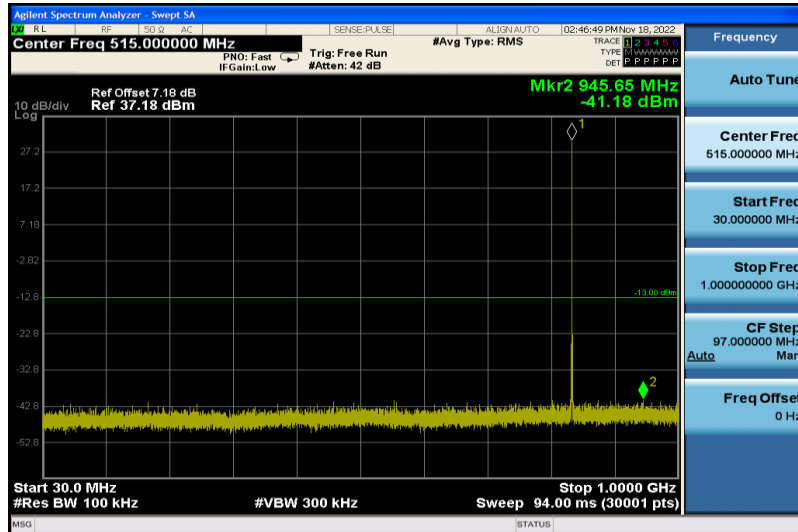
Test Graphs



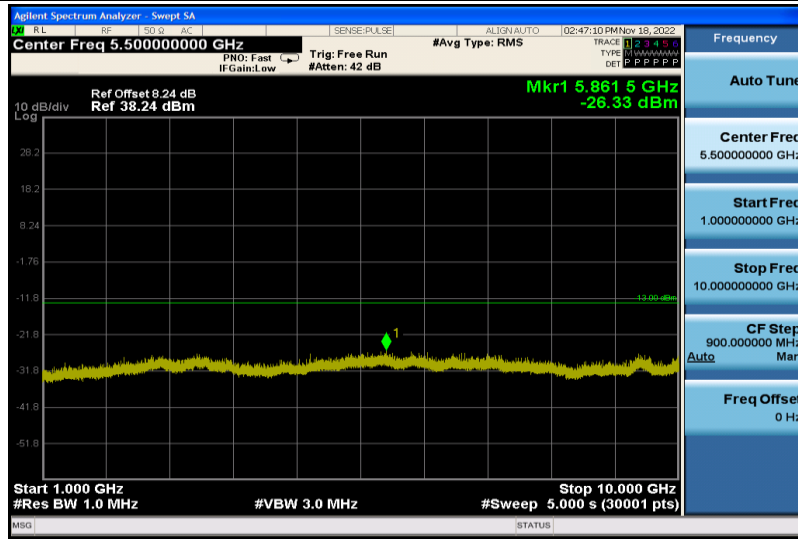
GSM850-128-30~1000



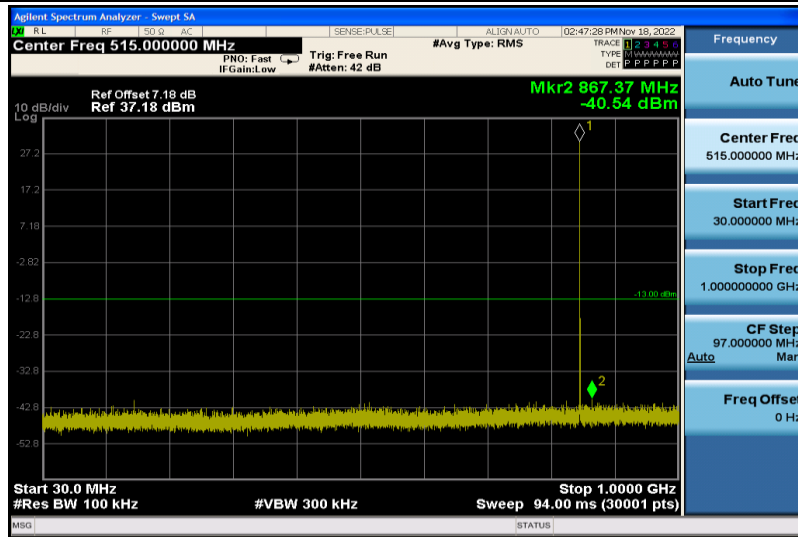
GSM850-128-1000~10000



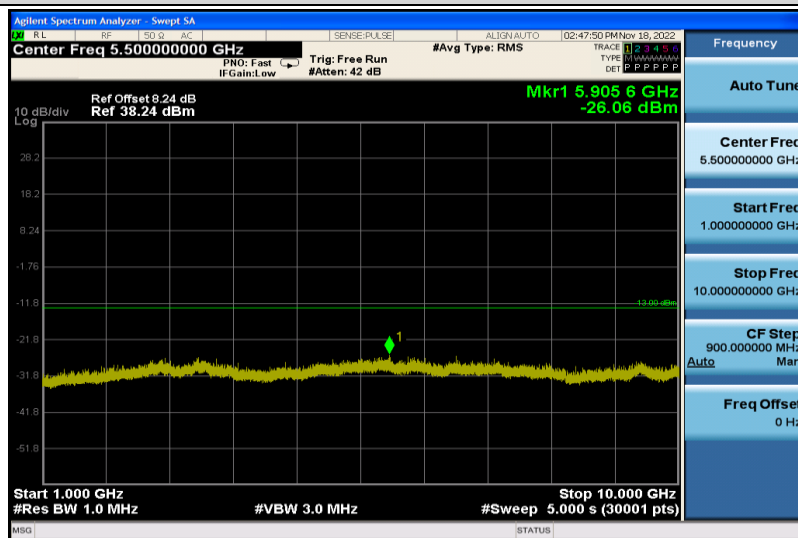
GSM850-190-30~1000



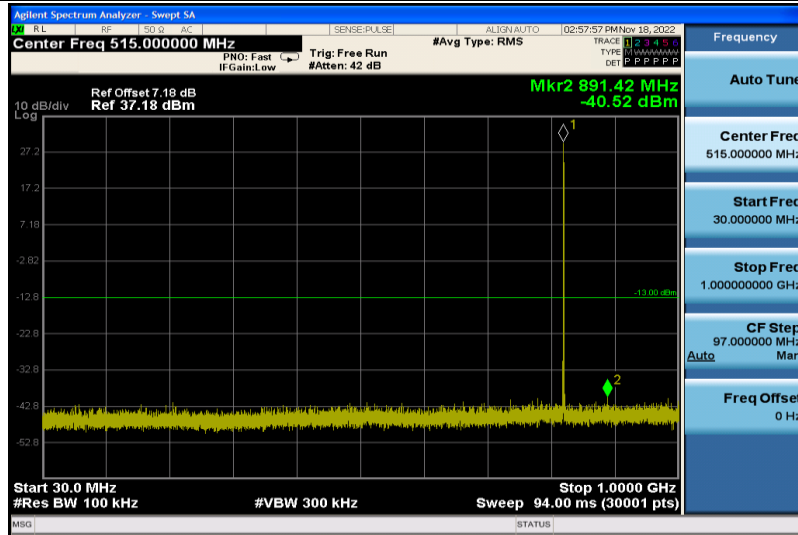
GSM850-190-1000~10000



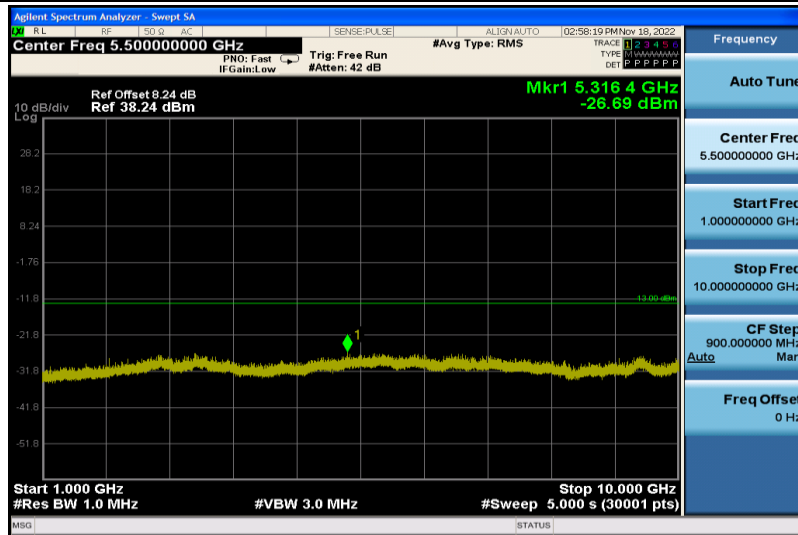
GSM850-251-30~1000



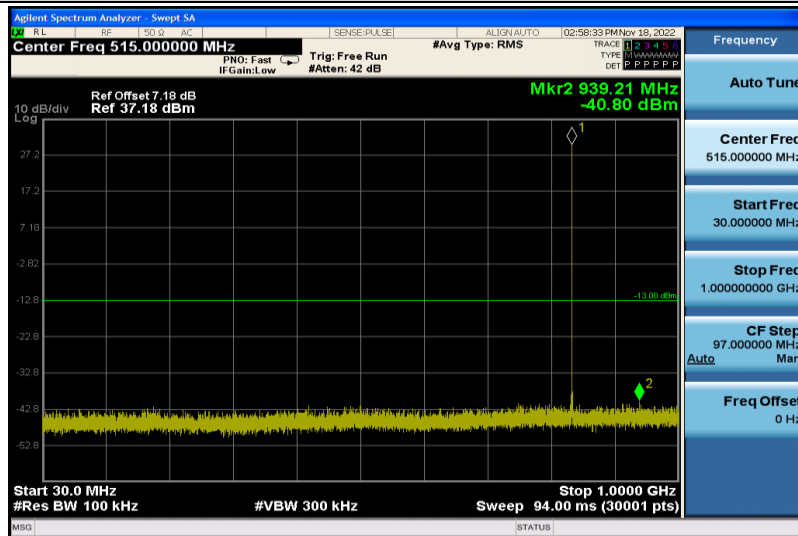
GSM850-251-1000~10000



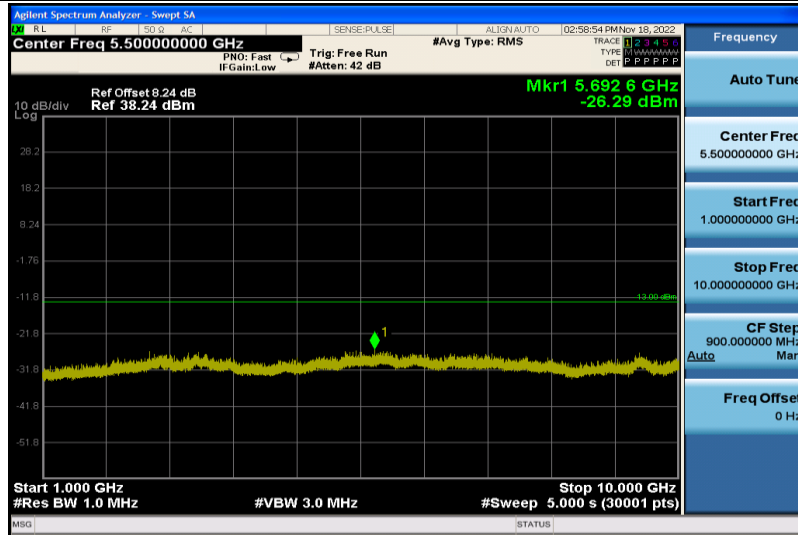
GPRS850-128-30~1000



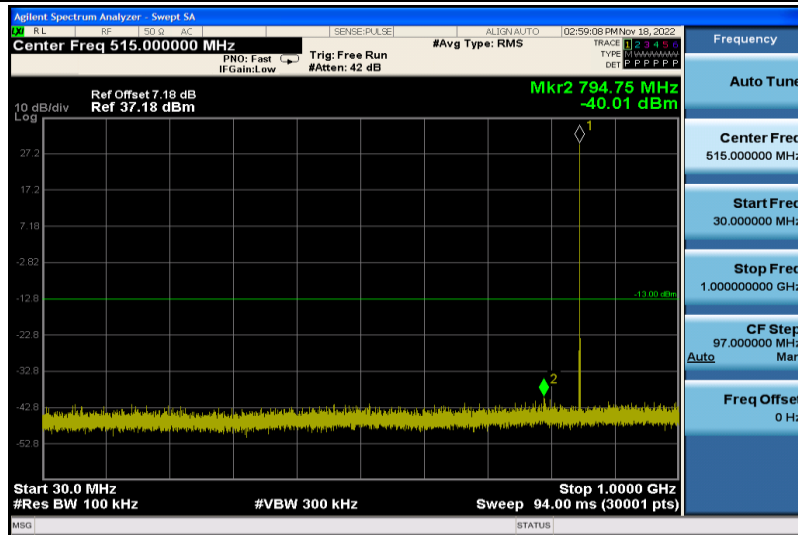
GPRS850-128-1000~10000



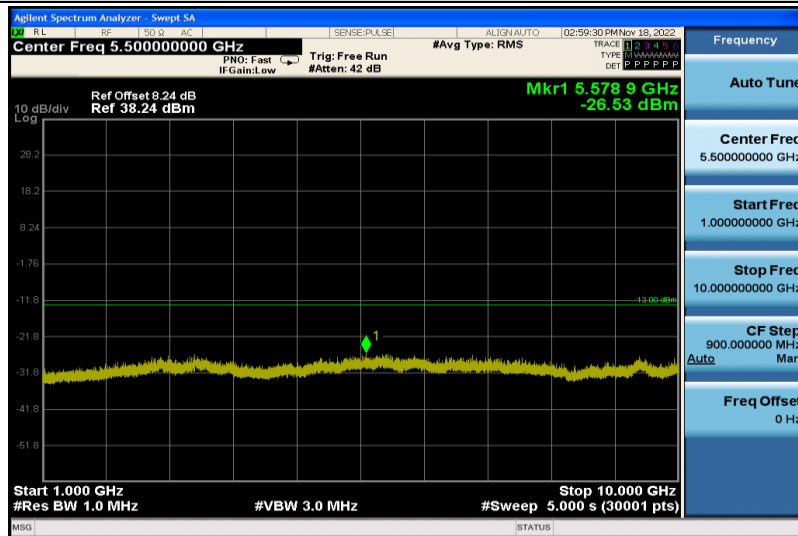
GPRS850-190-30~1000



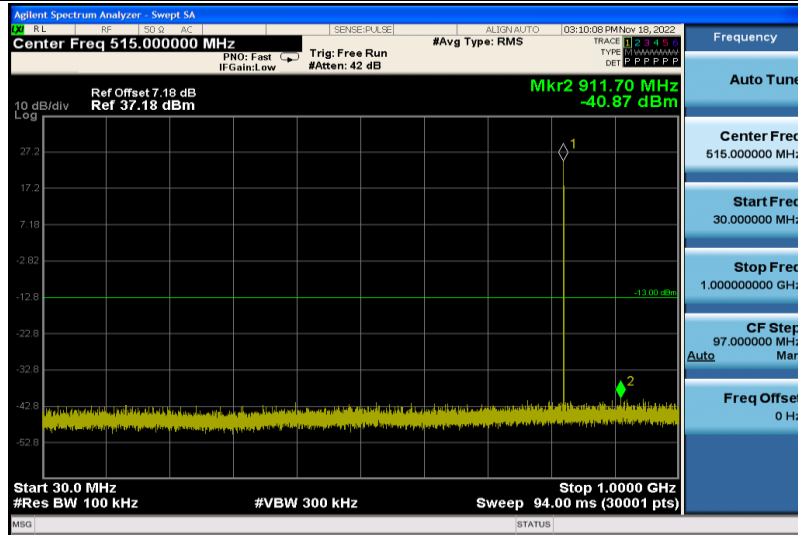
GPRS850-190-1000~10000



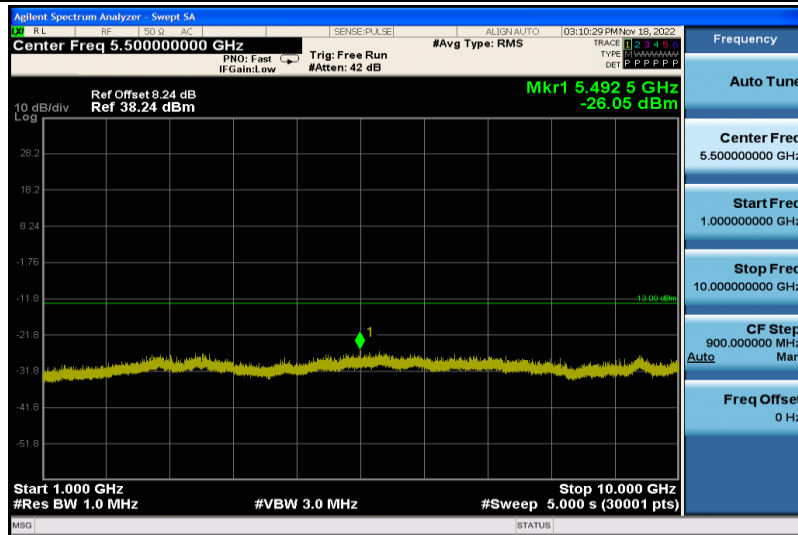
GPRS850-251-30~1000



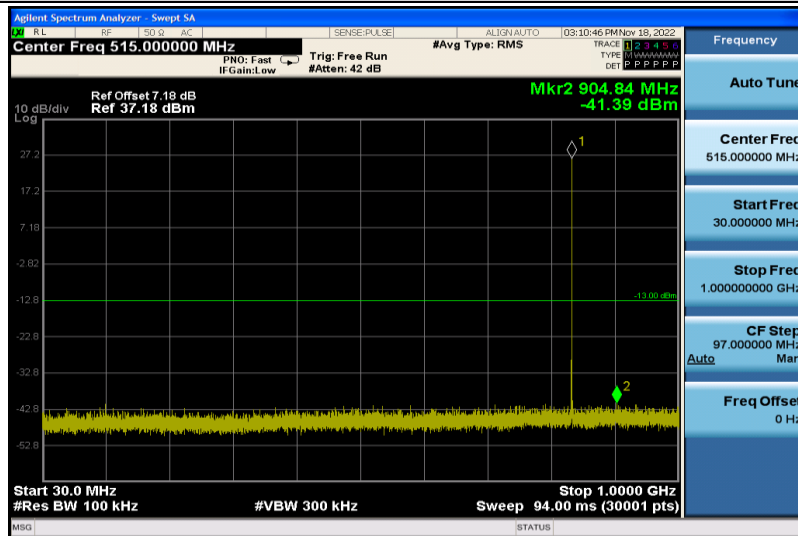
GPRS850-251-1000~10000



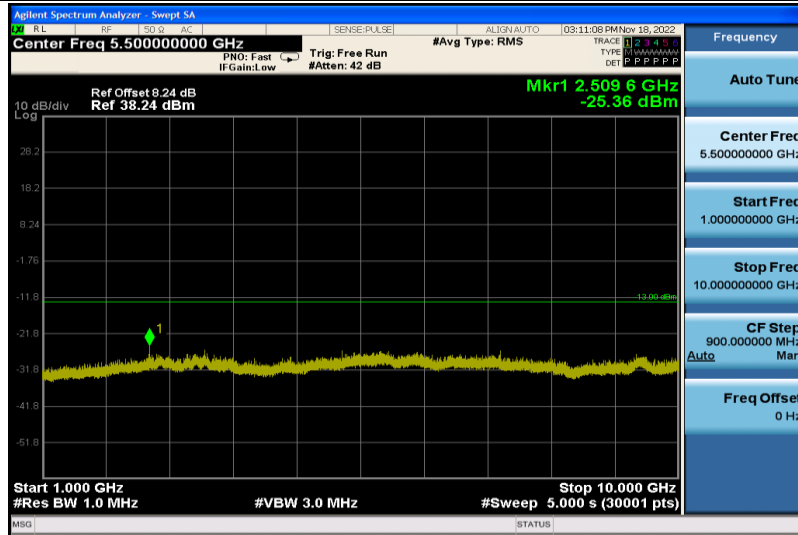
EGPRS850-128-30~1000



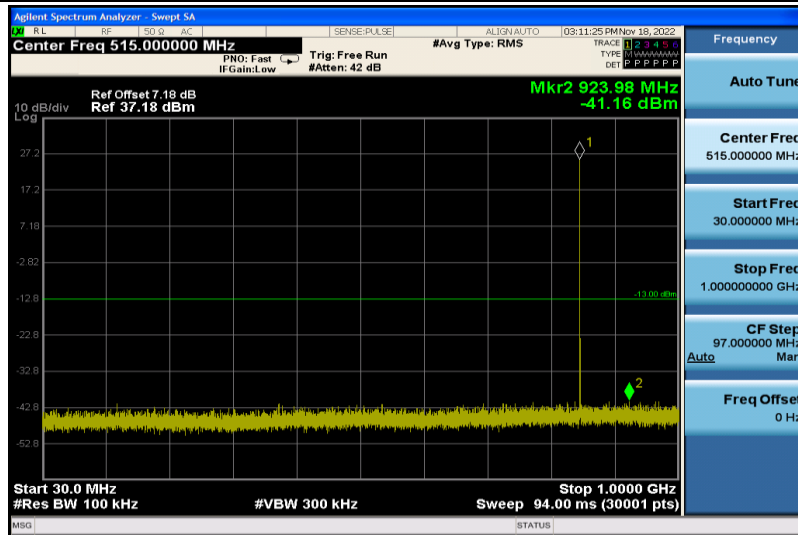
EGPRS850-128-1000~10000



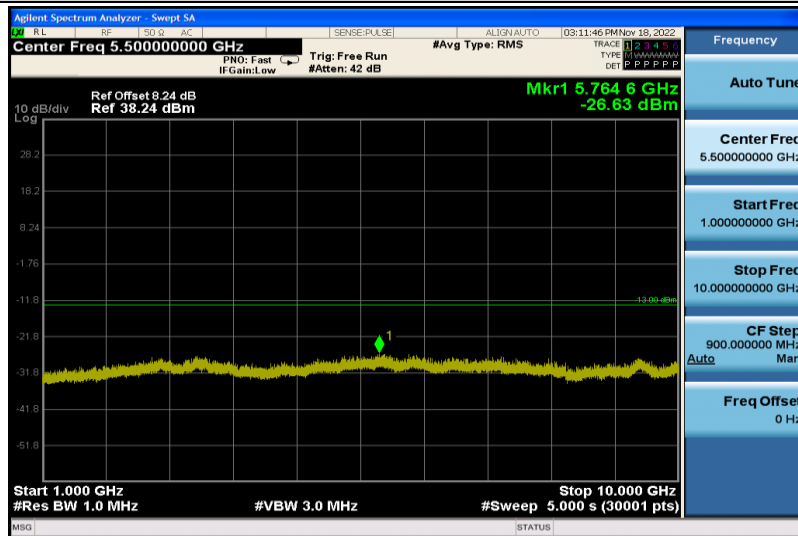
EGPRS850-190-30~1000



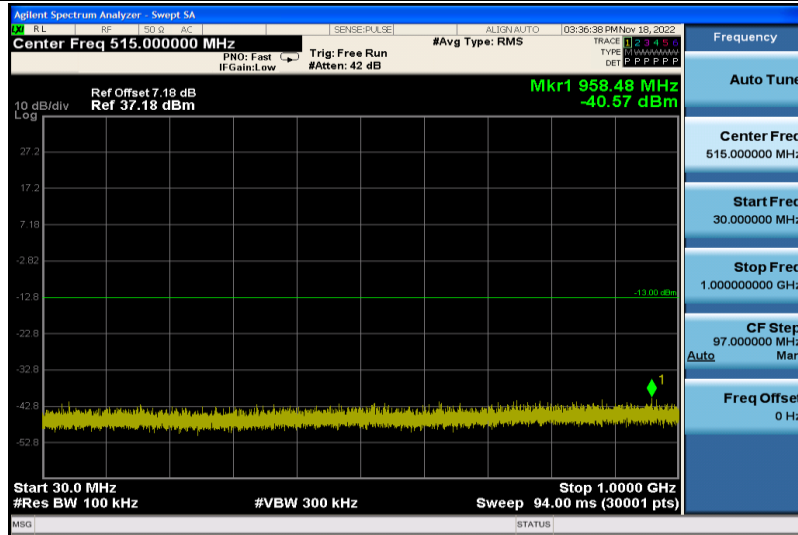
EGPRS850-190-1000~10000



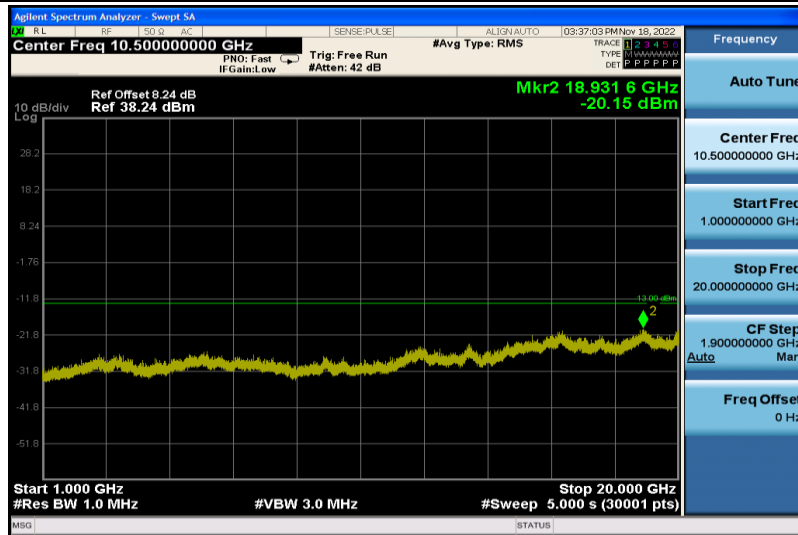
EGPRS850-251-30~1000



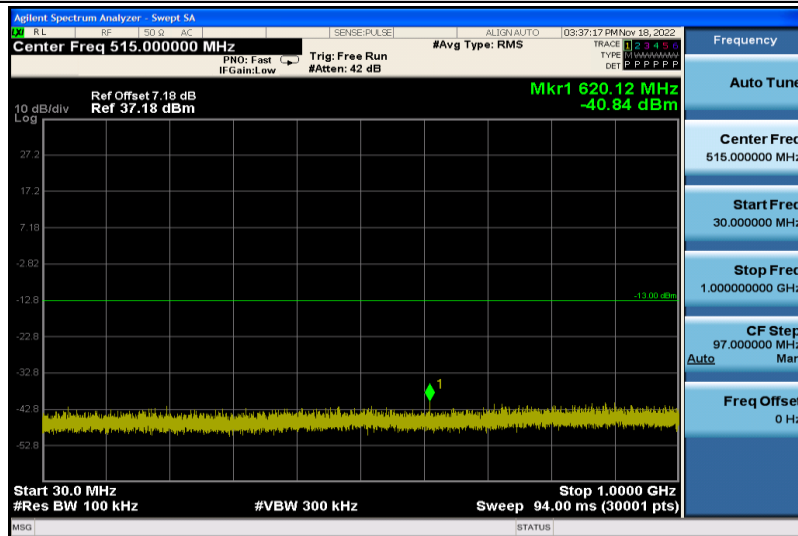
EGPRS850-251-1000~10000



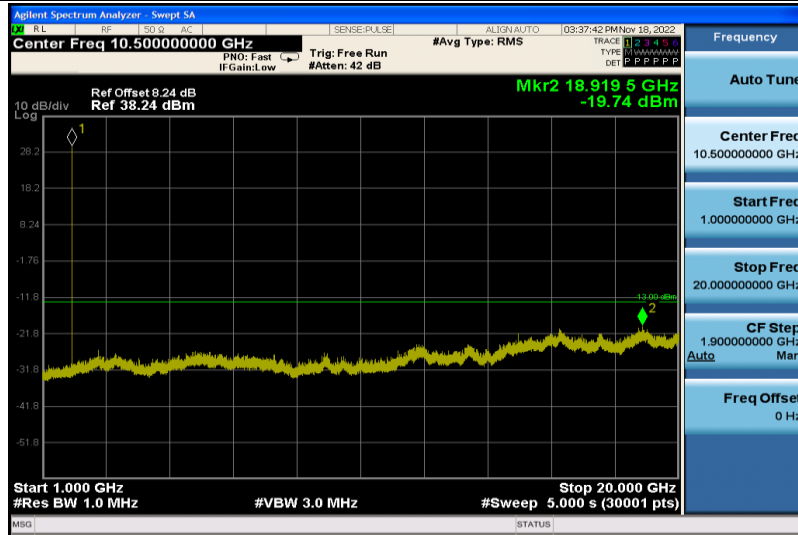
GSM1900-512-30~1000



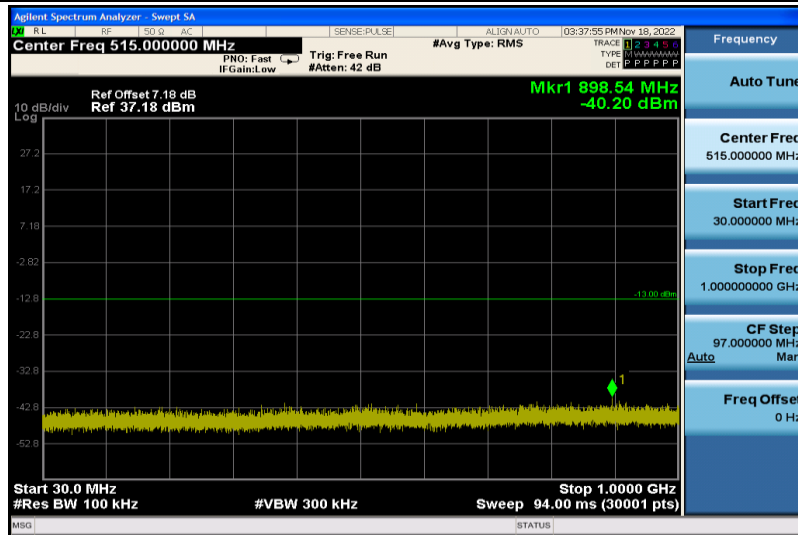
GSM1900-512-1000~20000



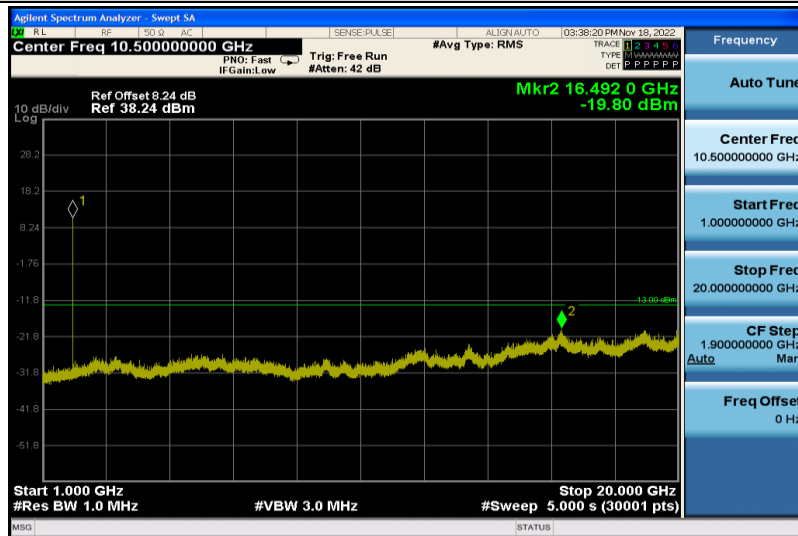
GSM1900-661-30~1000



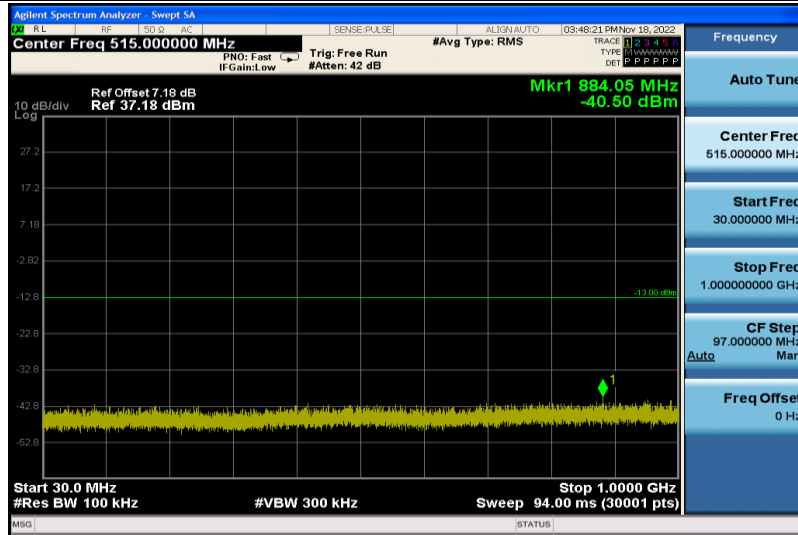
GSM1900-661-1000~20000



GSM1900-810-30~1000



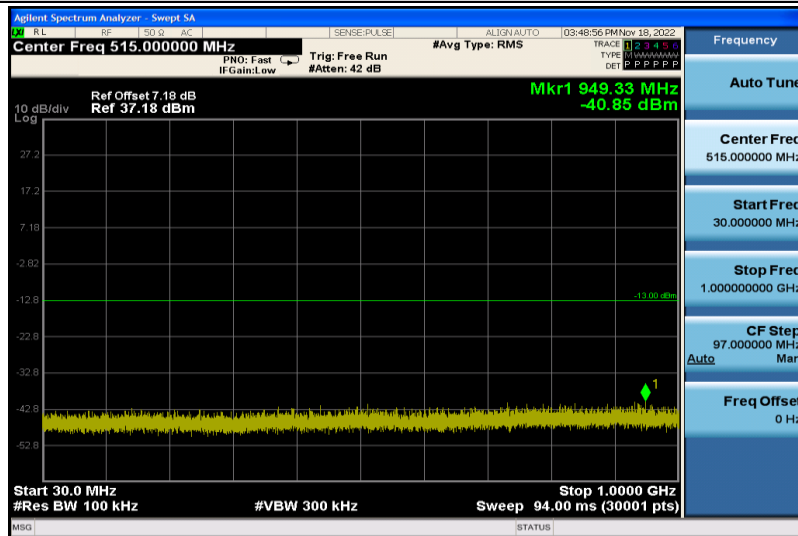
GSM1900-810-1000~20000



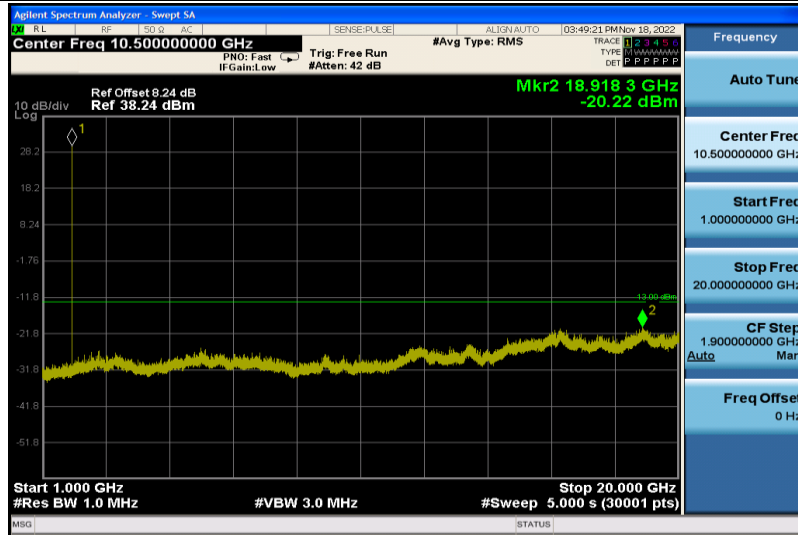
GPRS1900-512-30~1000



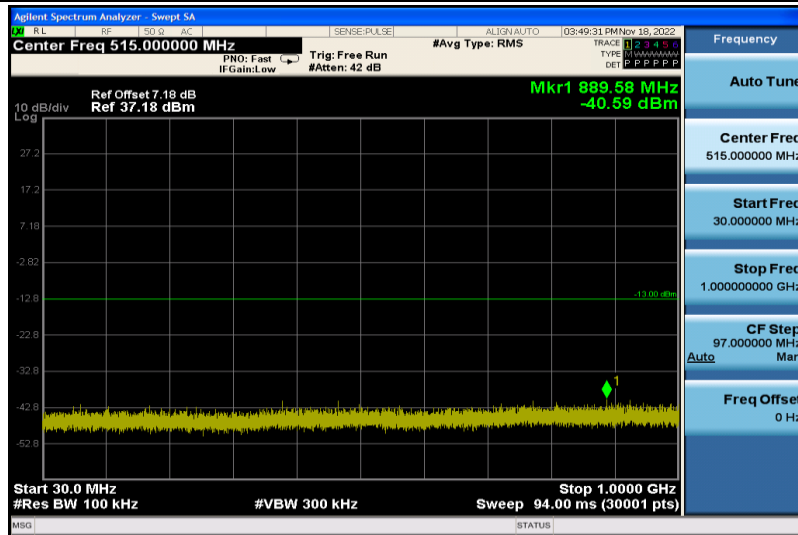
GPRS1900-512-1000~20000



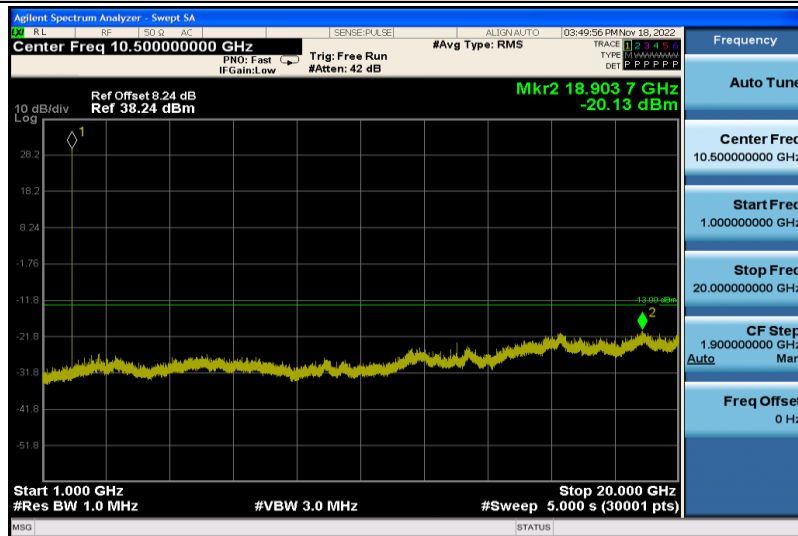
GPRS1900-661-30~1000



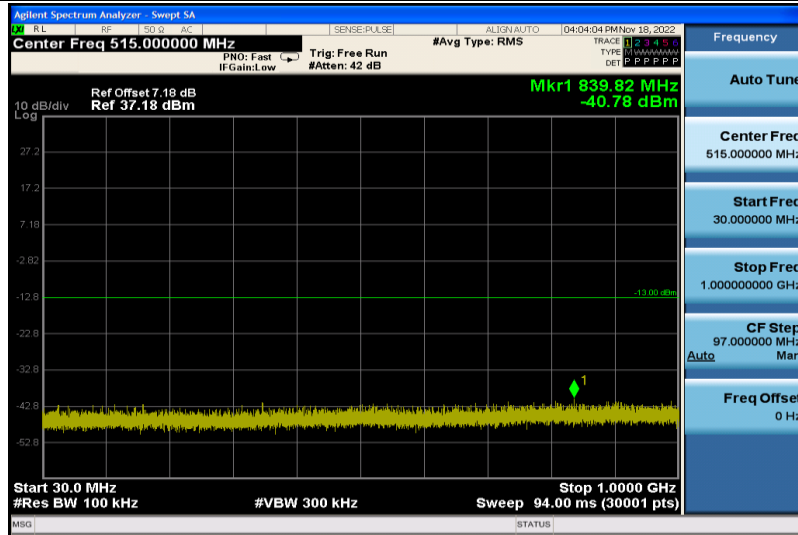
GPRS1900-661-1000~20000



GPRS1900-810-30~1000



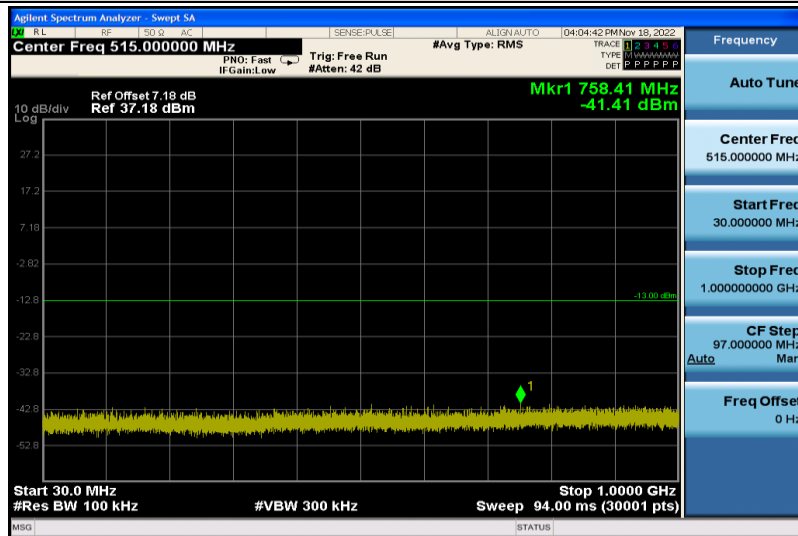
GPRS1900-810-1000~20000



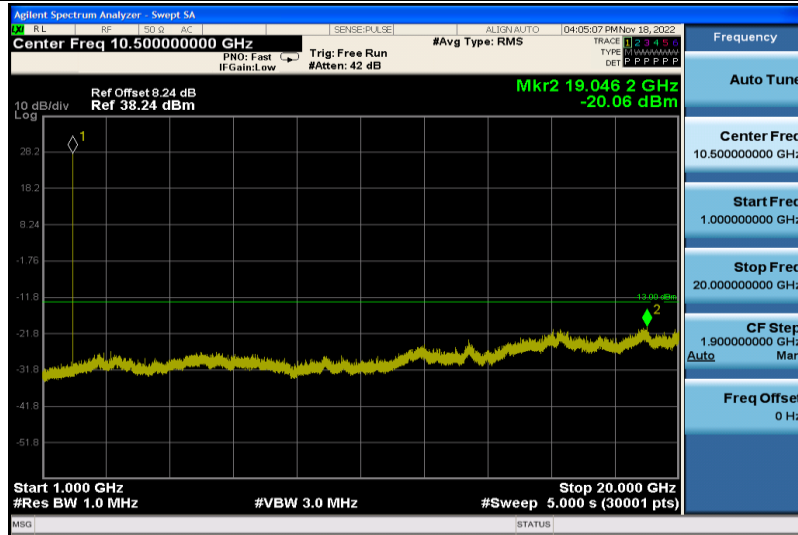
EGPRS1900-512-30~1000



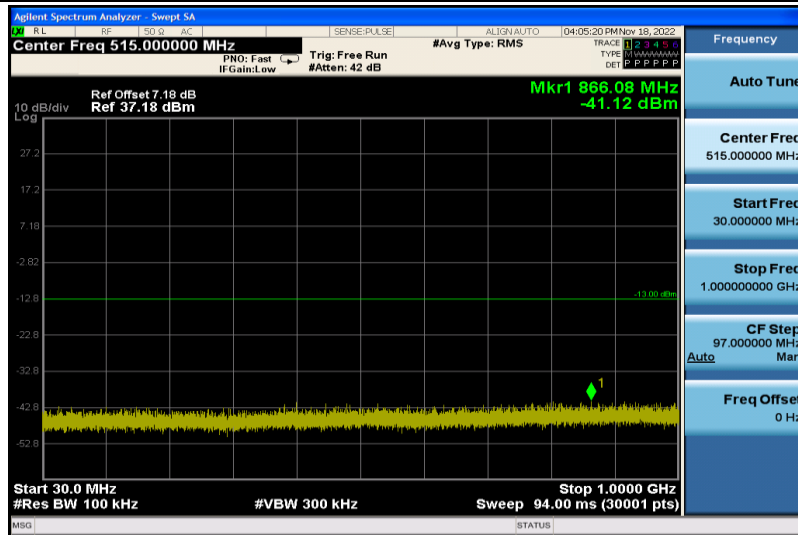
EGPRS1900-512-1000~20000



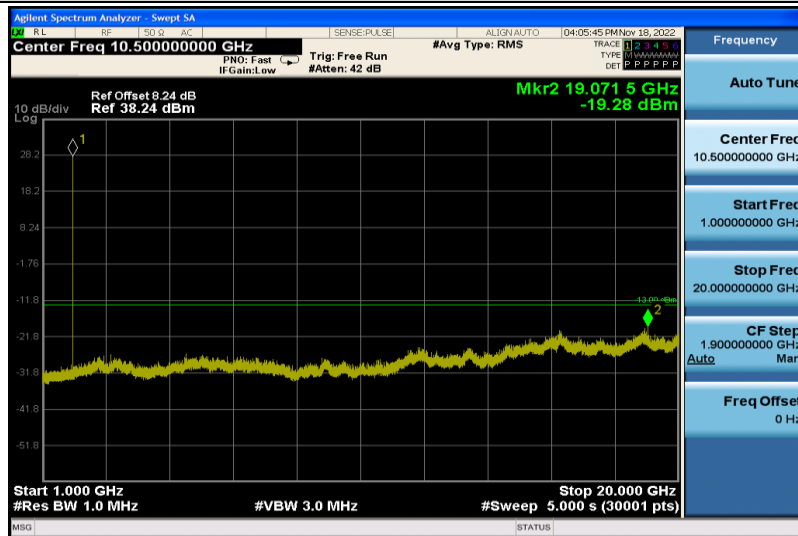
EGPRS1900-661-30~1000



EGPRS1900-661-1000~2000



EGPRS1900-810-30~1000



EGPRS1900-810-1000~2000

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	8.04	0.009755	2.5	PASS
GSM850	128	VN	TN	6.17	0.007486	2.5	PASS
GSM850	128	VH	TN	4.88	0.005921	2.5	PASS
GSM850	190	VL	TN	6.97	0.008331	2.5	PASS
GSM850	190	VN	TN	7.04	0.008415	2.5	PASS
GSM850	190	VH	TN	7.75	0.009264	2.5	PASS
GSM850	251	VL	TN	6.78	0.007988	2.5	PASS
GSM850	251	VN	TN	7.49	0.008824	2.5	PASS
GSM850	251	VH	TN	7.01	0.008259	2.5	PASS
GPRS850	128	VL	TN	4.49	0.005448	2.5	PASS
GPRS850	128	VN	TN	3.81	0.004623	2.5	PASS
GPRS850	128	VH	TN	1.90	0.002305	2.5	PASS
GPRS850	190	VL	TN	3.29	0.003933	2.5	PASS
GPRS850	190	VN	TN	4.36	0.005212	2.5	PASS
GPRS850	190	VH	TN	2.81	0.003359	2.5	PASS
GPRS850	251	VL	TN	0.90	0.001060	2.5	PASS
GPRS850	251	VN	TN	2.42	0.002851	2.5	PASS
GPRS850	251	VH	TN	1.90	0.002238	2.5	PASS
EGPRS850	128	VL	TN	-0.48	-0.000582	2.5	PASS
EGPRS850	128	VN	TN	-15.01	-0.018212	2.5	PASS
EGPRS850	128	VH	TN	-2.58	-0.003130	2.5	PASS
EGPRS850	190	VL	TN	-8.43	-0.010077	2.5	PASS
EGPRS850	190	VN	TN	-6.68	-0.007985	2.5	PASS
EGPRS850	190	VH	TN	-4.33	-0.005176	2.5	PASS
EGPRS850	251	VL	TN	-5.23	-0.006162	2.5	PASS
EGPRS850	251	VN	TN	-6.30	-0.007422	2.5	PASS
EGPRS850	251	VH	TN	-7.49	-0.008824	2.5	PASS
GSM1900	512	VL	TN	23.37	0.012631	2.5	PASS
GSM1900	512	VN	TN	20.86	0.011274	2.5	PASS
GSM1900	512	VH	TN	21.21	0.011464	2.5	PASS
GSM1900	661	VL	TN	17.14	0.009117	2.5	PASS
GSM1900	661	VN	TN	19.66	0.010457	2.5	PASS
GSM1900	661	VH	TN	22.63	0.012037	2.5	PASS
GSM1900	810	VL	TN	18.89	0.009891	2.5	PASS
GSM1900	810	VN	TN	17.50	0.009163	2.5	PASS

GSM1900	810	VH	TN	22.60	0.011834	2.5	PASS
GPRS1900	512	VL	TN	18.47	0.009983	2.5	PASS
GPRS1900	512	VN	TN	18.76	0.010139	2.5	PASS
GPRS1900	512	VH	TN	20.92	0.011307	2.5	PASS
GPRS1900	661	VL	TN	20.92	0.011128	2.5	PASS
GPRS1900	661	VN	TN	20.24	0.010766	2.5	PASS
GPRS1900	661	VH	TN	15.76	0.008383	2.5	PASS
GPRS1900	810	VL	TN	20.79	0.010886	2.5	PASS
GPRS1900	810	VN	TN	14.66	0.007676	2.5	PASS
GPRS1900	810	VH	TN	14.11	0.007388	2.5	PASS
EGPRS1900	512	VL	TN	2.29	0.001238	2.5	PASS
EGPRS1900	512	VN	TN	4.49	0.002427	2.5	PASS
EGPRS1900	512	VH	TN	12.27	0.006632	2.5	PASS
EGPRS1900	661	VL	TN	7.52	0.004000	2.5	PASS
EGPRS1900	661	VN	TN	12.46	0.006628	2.5	PASS
EGPRS1900	661	VH	TN	10.07	0.005356	2.5	PASS
EGPRS1900	810	VL	TN	7.68	0.004021	2.5	PASS
EGPRS1900	810	VN	TN	5.71	0.002990	2.5	PASS
EGPRS1900	810	VH	TN	9.91	0.005189	2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	6.94	0.008420	2.5	PASS
GSM850	128	VN	-20	8.43	0.010228	2.5	PASS
GSM850	128	VN	-10	3.65	0.004429	2.5	PASS
GSM850	128	VN	0	2.52	0.003058	2.5	PASS
GSM850	128	VN	10	-3.29	-0.003992	2.5	PASS
GSM850	128	VN	20	-4.04	-0.004902	2.5	PASS
GSM850	128	VN	30	-3.68	-0.004465	2.5	PASS
GSM850	128	VN	40	-2.03	-0.002463	2.5	PASS
GSM850	128	VN	50	-4.46	-0.005411	2.5	PASS
GSM850	190	VN	-30	6.20	0.007411	2.5	PASS
GSM850	190	VN	-20	9.10	0.010877	2.5	PASS
GSM850	190	VN	-10	7.17	0.008570	2.5	PASS
GSM850	190	VN	0	8.68	0.010375	2.5	PASS
GSM850	190	VN	10	1.49	0.001781	2.5	PASS
GSM850	190	VN	20	-3.49	-0.004172	2.5	PASS
GSM850	190	VN	30	-2.62	-0.003132	2.5	PASS
GSM850	190	VN	40	-2.23	-0.002666	2.5	PASS
GSM850	190	VN	50	0.06	0.000072	2.5	PASS
GSM850	251	VN	-30	7.39	0.008706	2.5	PASS
GSM850	251	VN	-20	5.42	0.006385	2.5	PASS

GSM850	251	VN	-10	6.33	0.007458	2.5	PASS
GSM850	251	VN	0	9.07	0.010686	2.5	PASS
GSM850	251	VN	10	-0.36	-0.000424	2.5	PASS
GSM850	251	VN	20	-1.65	-0.001944	2.5	PASS
GSM850	251	VN	30	-0.06	-0.000071	2.5	PASS
GSM850	251	VN	40	-1.45	-0.001708	2.5	PASS
GSM850	251	VN	50	-4.75	-0.005596	2.5	PASS
GPRS850	128	VN	-30	3.13	0.003798	2.5	PASS
GPRS850	128	VN	-20	3.75	0.004550	2.5	PASS
GPRS850	128	VN	-10	4.97	0.006030	2.5	PASS
GPRS850	128	VN	0	5.78	0.007013	2.5	PASS
GPRS850	128	VN	10	1.58	0.001917	2.5	PASS
GPRS850	128	VN	20	12.72	0.015433	2.5	PASS
GPRS850	128	VN	30	16.40	0.019898	2.5	PASS
GPRS850	128	VN	40	12.07	0.014645	2.5	PASS
GPRS850	128	VN	50	7.72	0.009367	2.5	PASS
GPRS850	190	VN	-30	3.23	0.003861	2.5	PASS
GPRS850	190	VN	-20	4.26	0.005092	2.5	PASS
GPRS850	190	VN	-10	1.74	0.002080	2.5	PASS
GPRS850	190	VN	0	4.84	0.005785	2.5	PASS
GPRS850	190	VN	10	4.68	0.005594	2.5	PASS
GPRS850	190	VN	20	14.24	0.017021	2.5	PASS
GPRS850	190	VN	30	9.07	0.010842	2.5	PASS
GPRS850	190	VN	40	12.59	0.015049	2.5	PASS
GPRS850	190	VN	50	12.88	0.015396	2.5	PASS
GPRS850	251	VN	-30	2.49	0.002934	2.5	PASS
GPRS850	251	VN	-20	4.88	0.005749	2.5	PASS
GPRS850	251	VN	-10	1.26	0.001484	2.5	PASS
GPRS850	251	VN	0	8.43	0.009932	2.5	PASS
GPRS850	251	VN	10	2.71	0.003193	2.5	PASS
GPRS850	251	VN	20	11.82	0.013926	2.5	PASS
GPRS850	251	VN	30	10.88	0.012818	2.5	PASS
GPRS850	251	VN	40	12.24	0.014420	2.5	PASS
GPRS850	251	VN	50	10.98	0.012936	2.5	PASS
EGPRS850	128	VN	-30	-1.78	-0.002160	2.5	PASS
EGPRS850	128	VN	-20	-6.13	-0.007438	2.5	PASS
EGPRS850	128	VN	-10	-3.23	-0.003919	2.5	PASS
EGPRS850	128	VN	0	-1.10	-0.001335	2.5	PASS
EGPRS850	128	VN	10	-4.71	-0.005715	2.5	PASS
EGPRS850	128	VN	20	-0.87	-0.001056	2.5	PASS
EGPRS850	128	VN	30	12.88	0.015627	2.5	PASS
EGPRS850	128	VN	40	6.39	0.007753	2.5	PASS

EGPRS850	128	VN	50	11.91	0.014450	2.5	PASS
EGPRS850	190	VN	-30	1.45	0.001733	2.5	PASS
EGPRS850	190	VN	-20	-9.40	-0.011236	2.5	PASS
EGPRS850	190	VN	-10	-8.75	-0.010459	2.5	PASS
EGPRS850	190	VN	0	-3.81	-0.004554	2.5	PASS
EGPRS850	190	VN	10	-6.17	-0.007375	2.5	PASS
EGPRS850	190	VN	20	-0.42	-0.000502	2.5	PASS
EGPRS850	190	VN	30	4.04	0.004829	2.5	PASS
EGPRS850	190	VN	40	-0.10	-0.000120	2.5	PASS
EGPRS850	190	VN	50	3.33	0.003980	2.5	PASS
EGPRS850	251	VN	-30	-3.65	-0.004300	2.5	PASS
EGPRS850	251	VN	-20	-5.07	-0.005973	2.5	PASS
EGPRS850	251	VN	-10	-13.37	-0.015752	2.5	PASS
EGPRS850	251	VN	0	-5.75	-0.006774	2.5	PASS
EGPRS850	251	VN	10	-3.26	-0.003841	2.5	PASS
EGPRS850	251	VN	20	0.77	0.000907	2.5	PASS
EGPRS850	251	VN	30	3.55	0.004182	2.5	PASS
EGPRS850	251	VN	40	-5.07	-0.005973	2.5	PASS
EGPRS850	251	VN	50	3.13	0.003688	2.5	PASS
GSM1900	512	VN	-30	23.92	0.012928	2.5	PASS
GSM1900	512	VN	-20	22.44	0.012128	2.5	PASS
GSM1900	512	VN	-10	16.30	0.008810	2.5	PASS
GSM1900	512	VN	0	22.47	0.012145	2.5	PASS
GSM1900	512	VN	10	12.85	0.006945	2.5	PASS
GSM1900	512	VN	20	8.68	0.004691	2.5	PASS
GSM1900	512	VN	30	10.59	0.005724	2.5	PASS
GSM1900	512	VN	40	4.58	0.002475	2.5	PASS
GSM1900	512	VN	50	5.04	0.002724	2.5	PASS
GSM1900	661	VN	-30	17.89	0.009516	2.5	PASS
GSM1900	661	VN	-20	13.72	0.007298	2.5	PASS
GSM1900	661	VN	-10	23.92	0.012723	2.5	PASS
GSM1900	661	VN	0	21.05	0.011197	2.5	PASS
GSM1900	661	VN	10	14.63	0.007782	2.5	PASS
GSM1900	661	VN	20	7.65	0.004069	2.5	PASS
GSM1900	661	VN	30	9.69	0.005154	2.5	PASS
GSM1900	661	VN	40	6.01	0.003197	2.5	PASS
GSM1900	661	VN	50	12.56	0.006681	2.5	PASS
GSM1900	810	VN	-30	18.40	0.009635	2.5	PASS
GSM1900	810	VN	-20	16.72	0.008755	2.5	PASS
GSM1900	810	VN	-10	16.79	0.008791	2.5	PASS
GSM1900	810	VN	0	18.05	0.009451	2.5	PASS
GSM1900	810	VN	10	20.40	0.010682	2.5	PASS

GSM1900	810	VN	20	19.27	0.010090	2.5	PASS
GSM1900	810	VN	30	11.49	0.006016	2.5	PASS
GSM1900	810	VN	40	10.30	0.005393	2.5	PASS
GSM1900	810	VN	50	13.33	0.006980	2.5	PASS
GPRS1900	512	VN	-30	18.98	0.010258	2.5	PASS
GPRS1900	512	VN	-20	17.21	0.009302	2.5	PASS
GPRS1900	512	VN	-10	12.20	0.006594	2.5	PASS
GPRS1900	512	VN	0	23.41	0.012653	2.5	PASS
GPRS1900	512	VN	10	18.98	0.010258	2.5	PASS
GPRS1900	512	VN	20	34.93	0.018879	2.5	PASS
GPRS1900	512	VN	30	31.35	0.016944	2.5	PASS
GPRS1900	512	VN	40	38.32	0.020711	2.5	PASS
GPRS1900	512	VN	50	28.93	0.015636	2.5	PASS
GPRS1900	661	VN	-30	23.79	0.012654	2.5	PASS
GPRS1900	661	VN	-20	19.69	0.010473	2.5	PASS
GPRS1900	661	VN	-10	23.34	0.012415	2.5	PASS
GPRS1900	661	VN	0	20.89	0.011112	2.5	PASS
GPRS1900	661	VN	10	20.50	0.010904	2.5	PASS
GPRS1900	661	VN	20	35.42	0.018840	2.5	PASS
GPRS1900	661	VN	30	27.51	0.014633	2.5	PASS
GPRS1900	661	VN	40	28.22	0.015011	2.5	PASS
GPRS1900	661	VN	50	28.67	0.015250	2.5	PASS
GPRS1900	810	VN	-30	17.37	0.009095	2.5	PASS
GPRS1900	810	VN	-20	15.46	0.008095	2.5	PASS
GPRS1900	810	VN	-10	15.05	0.007880	2.5	PASS
GPRS1900	810	VN	0	21.79	0.011410	2.5	PASS
GPRS1900	810	VN	10	16.59	0.008687	2.5	PASS
GPRS1900	810	VN	20	31.58	0.016536	2.5	PASS
GPRS1900	810	VN	30	29.12	0.015248	2.5	PASS
GPRS1900	810	VN	40	25.70	0.013457	2.5	PASS
GPRS1900	810	VN	50	28.77	0.015064	2.5	PASS
EGPRS1900	512	VN	-30	10.88	0.005880	2.5	PASS
EGPRS1900	512	VN	-20	8.88	0.004799	2.5	PASS
EGPRS1900	512	VN	-10	17.82	0.009631	2.5	PASS
EGPRS1900	512	VN	0	11.78	0.006367	2.5	PASS
EGPRS1900	512	VN	10	10.01	0.005410	2.5	PASS
EGPRS1900	512	VN	20	25.60	0.013836	2.5	PASS
EGPRS1900	512	VN	30	20.21	0.010923	2.5	PASS
EGPRS1900	512	VN	40	21.92	0.011847	2.5	PASS
EGPRS1900	512	VN	50	18.66	0.010085	2.5	PASS
EGPRS1900	661	VN	-30	9.98	0.005309	2.5	PASS
EGPRS1900	661	VN	-20	15.01	0.007984	2.5	PASS

EGPRS1900	661	VN	-10	10.43	0.005548	2.5	PASS
EGPRS1900	661	VN	0	17.66	0.009394	2.5	PASS
EGPRS1900	661	VN	10	6.84	0.003638	2.5	PASS
EGPRS1900	661	VN	20	31.70	0.016862	2.5	PASS
EGPRS1900	661	VN	30	23.50	0.012500	2.5	PASS
EGPRS1900	661	VN	40	20.50	0.010904	2.5	PASS
EGPRS1900	661	VN	50	24.76	0.013170	2.5	PASS
EGPRS1900	810	VN	-30	10.43	0.005461	2.5	PASS
EGPRS1900	810	VN	-20	8.14	0.004262	2.5	PASS
EGPRS1900	810	VN	-10	9.40	0.004922	2.5	PASS
EGPRS1900	810	VN	0	11.98	0.006273	2.5	PASS
EGPRS1900	810	VN	10	4.81	0.002519	2.5	PASS
EGPRS1900	810	VN	20	21.02	0.011006	2.5	PASS
EGPRS1900	810	VN	30	18.73	0.009807	2.5	PASS
EGPRS1900	810	VN	40	13.69	0.007168	2.5	PASS
EGPRS1900	810	VN	50	24.09	0.012614	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	-2.00	30.46	1.1117	7	PASS
	GPRS	34.28	-2.00	30.13	1.0304	7	PASS
	EGPRS	29.01	-2.00	24.86	0.3062	7	PASS

Band	Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP		Limit (W)	Verdict
				(dBm)	(W)		
GSM1900	GSM	29.90	-1.50	28.40	0.6918	2	PASS
	GPRS	29.88	-1.50	28.38	0.6887	2	PASS
	EGPRS	25.77	-1.50	24.27	0.2673	2	PASS

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