



8.1 Appendix A: Conducted Output Power

Test Result

Band	Channel	PCL	Power(dBm)	Limit(dBm)	Verdict
GSM850	128	5	33.19	38.5	PASS
GSM850	190	5	33.41	38.5	PASS
GSM850	251	5	33.34	38.5	PASS



Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	5	1	32.60	38.5	PASS
GPRS850	128	5	2	32.73	38.5	PASS
GPRS850	128	5	3	32.55	38.5	PASS
GPRS850	128	5	4	32.38	38.5	PASS
GPRS850	190	5	1	32.89	38.5	PASS
GPRS850	190	5	2	33.03	38.5	PASS
GPRS850	190	5	3	32.83	38.5	PASS
GPRS850	190	5	4	32.66	38.5	PASS
GPRS850	251	5	1	32.80	38.5	PASS
GPRS850	251	5	2	32.89	38.5	PASS
GPRS850	251	5	3	32.74	38.5	PASS
GPRS850	251	5	4	32.59	38.5	PASS



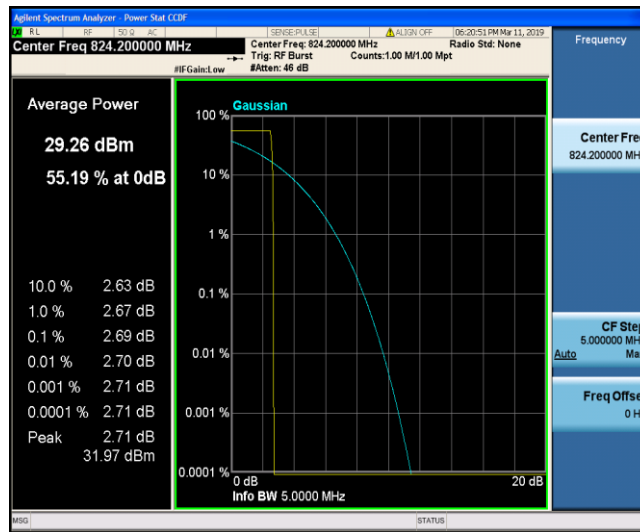
8.2 Appendix B: Peak-to-Average Ratio

Test Result

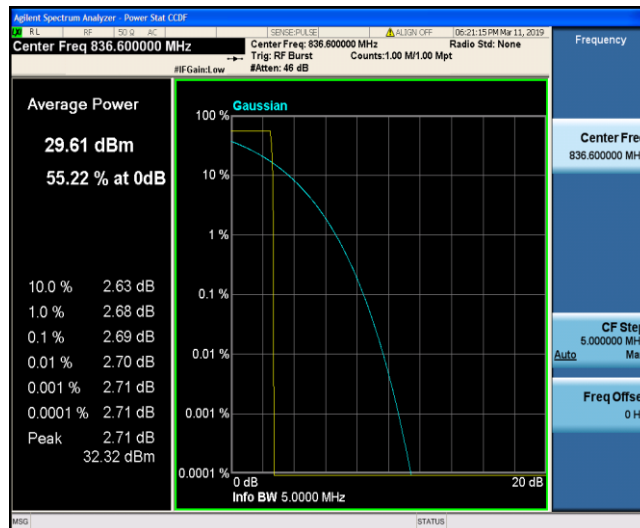
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	2.69	13	PASS
GSM850	190	2.69	13	PASS
GSM850	251	2.71	13	PASS
GPRS850	128	2.69	13	PASS
GPRS850	190	2.71	13	PASS
GPRS850	251	2.71	13	PASS



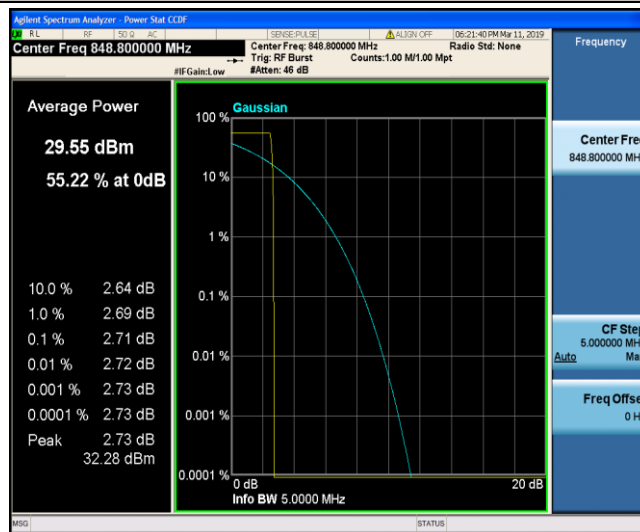
Test Graphs



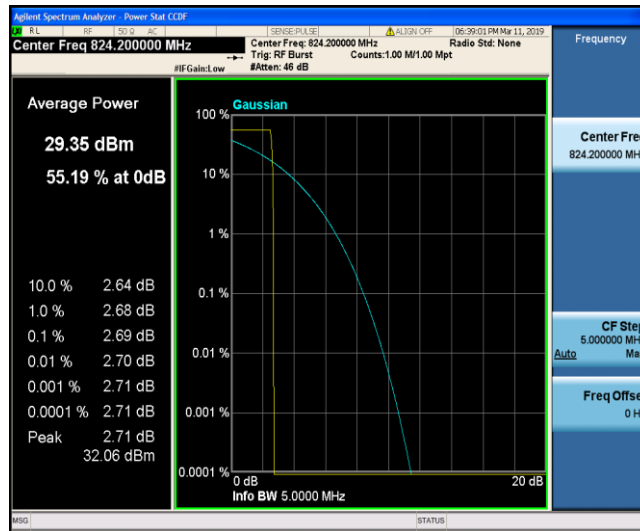
GSM850_128



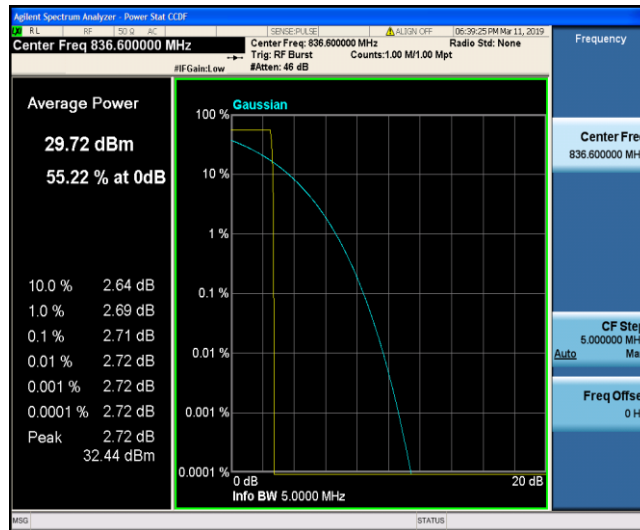
GSM850_190



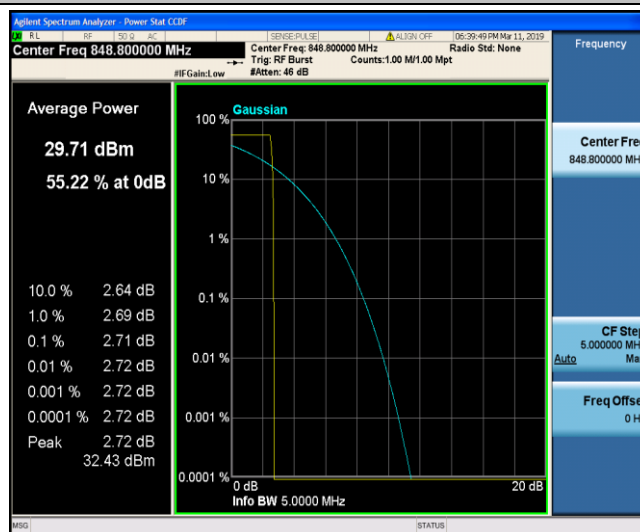
GSM850_251



GPRS850_128



GPRS850_190



GPRS850_251



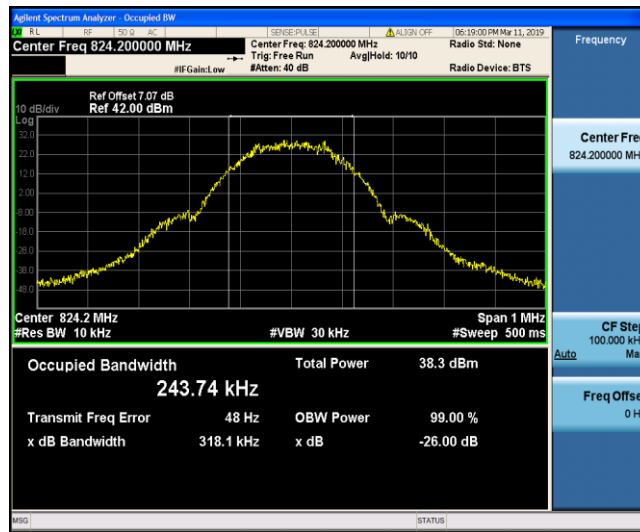
8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

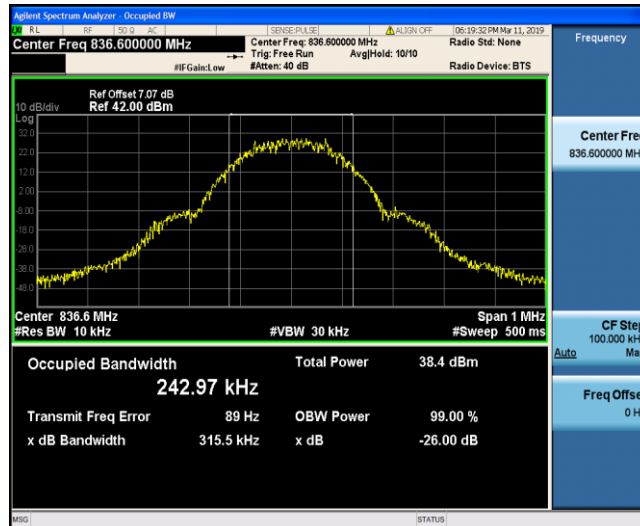
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	243.74	318.1	---	PASS
GSM850	190	242.97	315.5	---	PASS
GSM850	251	245.35	315.5	---	PASS
GPRS850	128	244.46	312.2	---	PASS
GPRS850	190	244.69	314.8	---	PASS
GPRS850	251	244.37	311.6	---	PASS



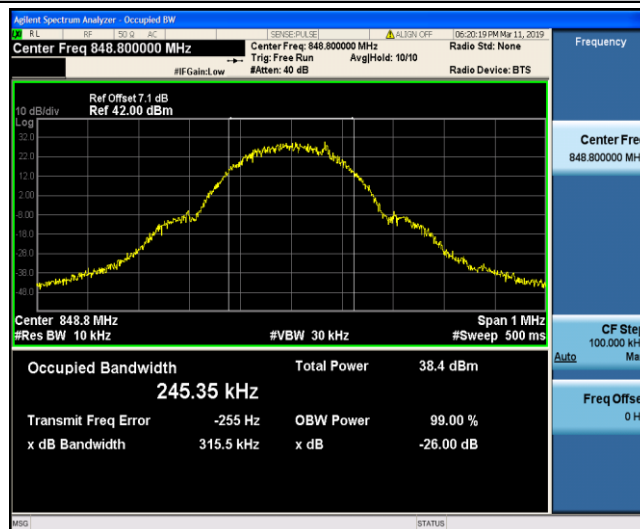
Test Graphs



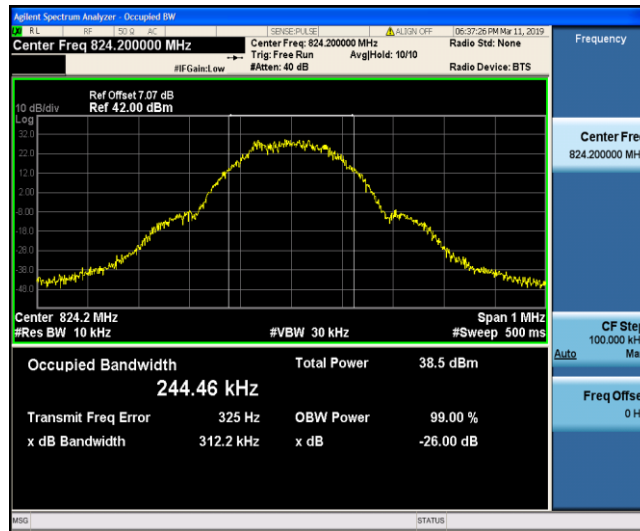
GSM850_128



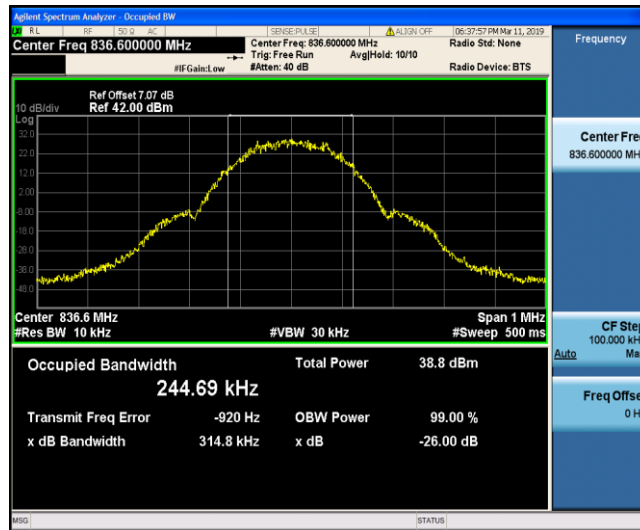
GSM850_190



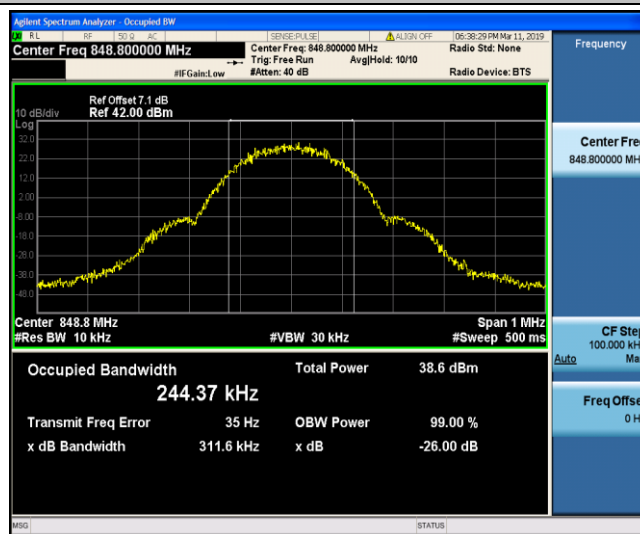
GSM850_251



GPRS850_128



GPRS850_190



GPRS850_251



8.4 Appendix D: Band Edge

Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-28.01	-13	PASS
GSM850	251	-26.42	-13	PASS
GPRS850	128	-27.72	-13	PASS
GPRS850	251	-28.37	-13	PASS



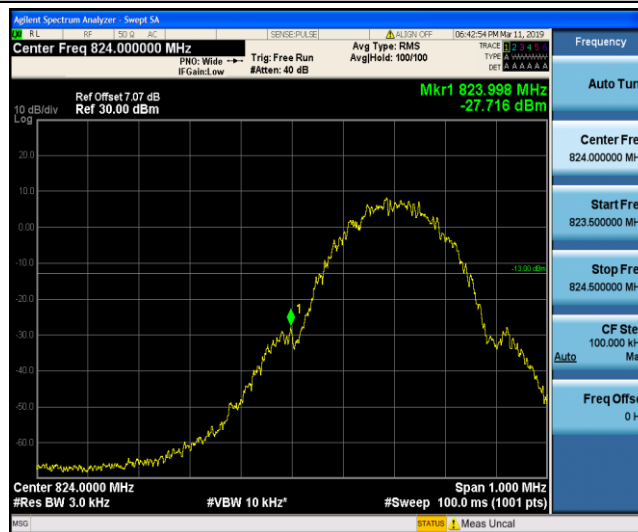
Test Graphs



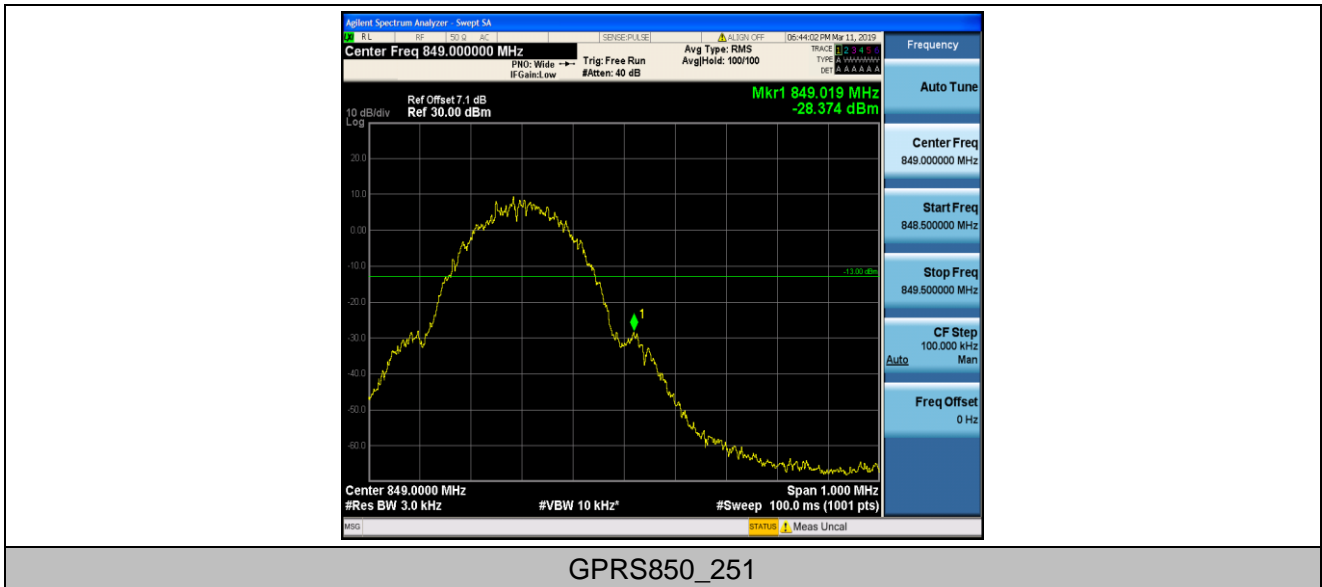
GSM850_128



GSM850_251



GPRS850_128





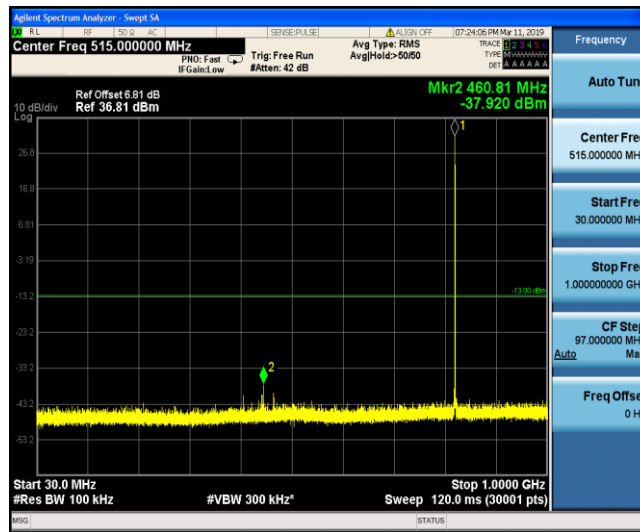
8.5 Appendix E: Conducted Spurious Emission

Test Result

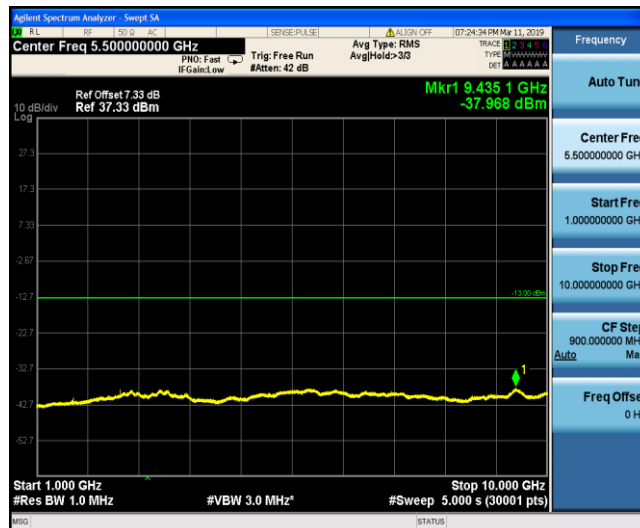
Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	30~1000	-37.92	-13	PASS
GSM850	128	1000~10000	-37.97	-13	PASS
GSM850	190	30~1000	-37.85	-13	PASS
GSM850	190	1000~10000	-37.92	-13	PASS
GSM850	251	30~1000	-38.78	-13	PASS
GSM850	251	1000~10000	-38.09	-13	PASS
GPRS850	128	30~1000	-36.50	-13	PASS
GPRS850	128	1000~10000	-37.98	-13	PASS
GPRS850	190	30~1000	-35.34	-13	PASS
GPRS850	190	1000~10000	-38.29	-13	PASS
GPRS850	251	30~1000	-35.04	-13	PASS
GPRS850	251	1000~10000	-38.23	-13	PASS



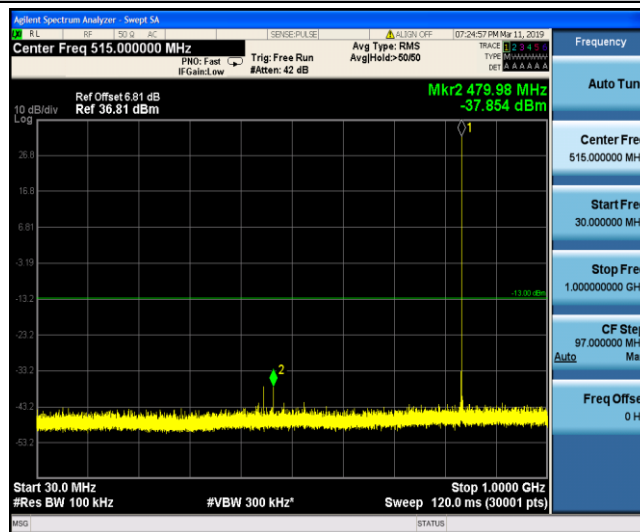
Test Graphs



GSM850_128



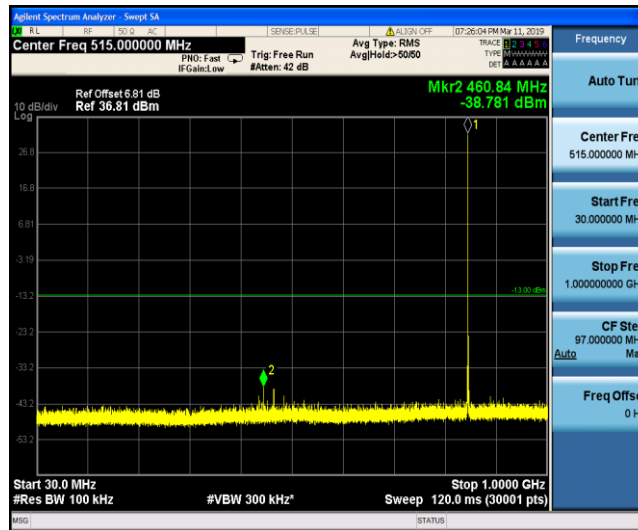
GSM850_128



GSM850_190



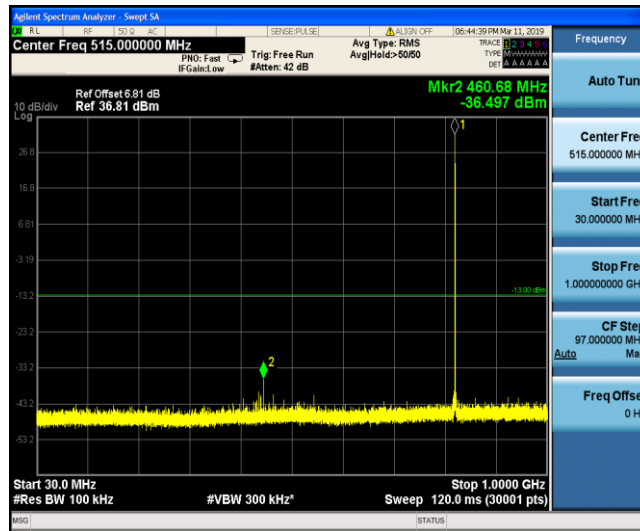
GSM850_190



GSM850_251



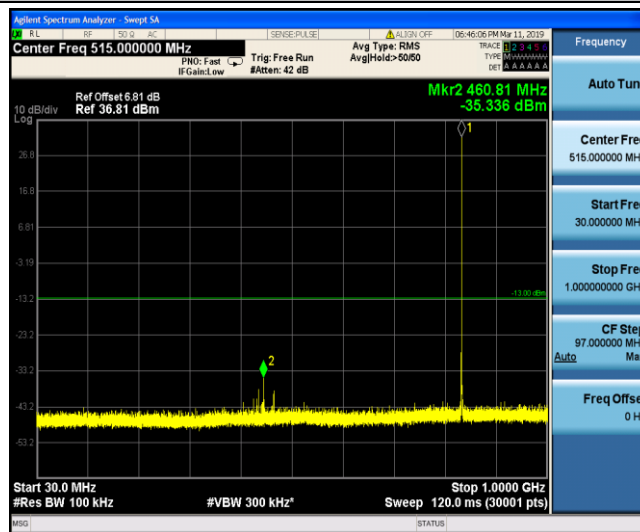
GSM850_251



GPRS850_128



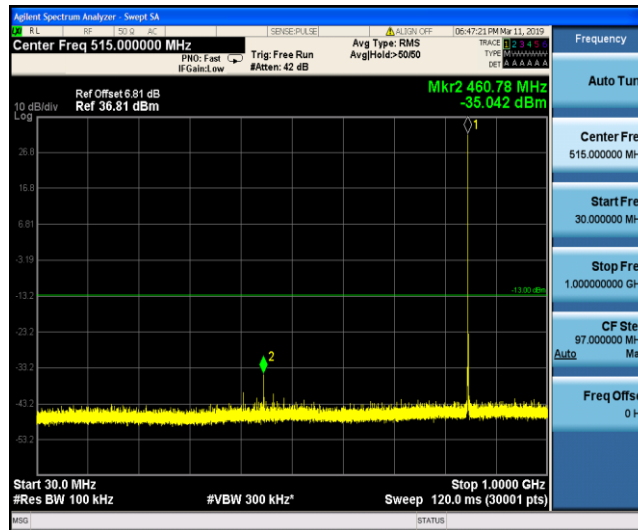
GPRS850_128



GPRS850_190



GPRS850_190



GPRS850_251



GPRS850_251



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	0.16	0.000196	2.5	PASS
GSM850	128	VN	TN	-1.16	-0.001410	2.5	PASS
GSM850	128	VH	TN	0.16	0.000196	2.5	PASS
GSM850	190	VL	TN	1.94	0.002316	2.5	PASS
GSM850	190	VN	TN	7.14	0.008529	2.5	PASS
GSM850	190	VH	TN	-2.42	-0.002894	2.5	PASS
GSM850	251	VL	TN	0.16	0.000190	2.5	PASS
GSM850	251	VN	TN	0.26	0.000304	2.5	PASS
GSM850	251	VH	TN	-2.74	-0.003233	2.5	PASS
GPRS850	128	VL	TN	7.33	0.008892	2.5	PASS
GPRS850	128	VN	TN	9.72	0.011791	2.5	PASS
GPRS850	128	VH	TN	11.88	0.014415	2.5	PASS
GPRS850	190	VL	TN	11.40	0.013623	2.5	PASS
GPRS850	190	VN	TN	13.75	0.016440	2.5	PASS
GPRS850	190	VH	TN	15.46	0.018485	2.5	PASS
GPRS850	251	VL	TN	14.53	0.017117	2.5	PASS
GPRS850	251	VN	TN	13.37	0.015747	2.5	PASS
GPRS850	251	VH	TN	12.75	0.015025	2.5	PASS



Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	0.13	0.000157	2.5	PASS
GSM850	128	VN	-20	0.45	0.000548	2.5	PASS
GSM850	128	VN	-10	-10.01	-0.012143	2.5	PASS
GSM850	128	VN	0	-3.13	-0.003800	2.5	PASS
GSM850	128	VN	10	0.39	0.000470	2.5	PASS
GSM850	128	VN	20	-7.97	-0.009676	2.5	PASS
GSM850	128	VN	30	-7.17	-0.008696	2.5	PASS
GSM850	128	VN	40	-1.55	-0.001880	2.5	PASS
GSM850	128	VN	50	-1.36	-0.001645	2.5	PASS
GSM850	190	VN	-30	-1.45	-0.001737	2.5	PASS
GSM850	190	VN	-20	-2.71	-0.003242	2.5	PASS
GSM850	190	VN	-10	-3.36	-0.004014	2.5	PASS
GSM850	190	VN	0	-1.84	-0.002200	2.5	PASS
GSM850	190	VN	10	-4.58	-0.005480	2.5	PASS
GSM850	190	VN	20	-2.84	-0.003396	2.5	PASS
GSM850	190	VN	30	-2.81	-0.003357	2.5	PASS
GSM850	190	VN	40	-2.39	-0.002856	2.5	PASS
GSM850	190	VN	50	-1.90	-0.002277	2.5	PASS
GSM850	251	VN	-30	-5.23	-0.006162	2.5	PASS
GSM850	251	VN	-20	-2.20	-0.002587	2.5	PASS
GSM850	251	VN	-10	-2.52	-0.002967	2.5	PASS
GSM850	251	VN	0	-4.75	-0.005591	2.5	PASS
GSM850	251	VN	10	-4.07	-0.004793	2.5	PASS
GSM850	251	VN	20	-9.81	-0.011563	2.5	PASS
GSM850	251	VN	30	-1.55	-0.001826	2.5	PASS
GSM850	251	VN	40	-3.07	-0.003614	2.5	PASS
GSM850	251	VN	50	-3.94	-0.004641	2.5	PASS
GPRS850	128	VN	-30	16.72	0.020291	2.5	PASS
GPRS850	128	VN	-20	14.92	0.018098	2.5	PASS
GPRS850	128	VN	-10	13.14	0.015943	2.5	PASS
GPRS850	128	VN	0	12.66	0.015356	2.5	PASS
GPRS850	128	VN	10	14.69	0.017823	2.5	PASS
GPRS850	128	VN	20	13.20	0.016021	2.5	PASS
GPRS850	128	VN	30	16.37	0.019860	2.5	PASS
GPRS850	128	VN	40	13.11	0.015904	2.5	PASS
GPRS850	128	VN	50	12.27	0.014885	2.5	PASS
GPRS850	190	VN	-30	12.95	0.015475	2.5	PASS
GPRS850	190	VN	-20	12.91	0.015437	2.5	PASS
GPRS850	190	VN	-10	13.72	0.016401	2.5	PASS
GPRS850	190	VN	0	13.11	0.015668	2.5	PASS
GPRS850	190	VN	10	13.01	0.015552	2.5	PASS
GPRS850	190	VN	20	13.08	0.015630	2.5	PASS
GPRS850	190	VN	30	12.69	0.015167	2.5	PASS
GPRS850	190	VN	40	12.30	0.014703	2.5	PASS
GPRS850	190	VN	50	14.46	0.017289	2.5	PASS
GPRS850	251	VN	-30	13.92	0.016394	2.5	PASS
GPRS850	251	VN	-20	12.49	0.014720	2.5	PASS
GPRS850	251	VN	-10	12.49	0.014720	2.5	PASS
GPRS850	251	VN	0	12.98	0.015291	2.5	PASS
GPRS850	251	VN	10	12.56	0.014796	2.5	PASS
GPRS850	251	VN	20	11.49	0.013541	2.5	PASS



GPRS850	251	VN	30	11.14	0.013123	2.5	PASS
GPRS850	251	VN	40	11.33	0.013351	2.5	PASS
GPRS850	251	VN	50	11.78	0.013884	2.5	PASS

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