APPENDIX REPORT

Project No.	SHT2106117007EW	Radio Specification	GSM
Test sample No.	YPHT21061170008	Model No.	C6100
Start test date	2021-10-23	Finish date	2021-10-23
Temperature	26.3° C	Humidity	46%
Test Engineer	Jiongsheng.Feng	Auditor	Xiaodong Zhao

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	32.21	38.5	PASS
GSM850	190	5	32.15	38.5	PASS
GSM850	251	5	32.27	38.5	PASS
GSM1900	512	0	29.19	33	PASS
GSM1900	661	0	29.13	33	PASS
GSM1900	810	0	29.35	33	PASS

Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	5	1	32.25	38.5	PASS
GPRS850	128	5	2	31.72	38.5	PASS
GPRS850	128	5	3	30.28	38.5	PASS
GPRS850	128	5	4	28.71	38.5	PASS
GPRS850	190	5	1	31.99	38.5	PASS
GPRS850	190	5	2	31.50	38.5	PASS
GPRS850	190	5	3	29.94	38.5	PASS
GPRS850	190	5	4	28.57	38.5	PASS
GPRS850	251	5	1	32.08	38.5	PASS
GPRS850	251	5	2	31.75	38.5	PASS
GPRS850	251	5	3	30.25	38.5	PASS
GPRS850	251	5	4	28.70	38.5	PASS
GPRS1900	512	0	1	29.10	33	PASS
GPRS1900	512	0	2	28.34	33	PASS
GPRS1900	512	0	3	26.66	33	PASS
GPRS1900	512	0	4	25.37	33	PASS
GPRS1900	661	0	1	28.93	33	PASS
GPRS1900	661	0	2	28.23	33	PASS
GPRS1900	661	0	3	26.55	33	PASS
GPRS1900	661	0	4	25.26	33	PASS
GPRS1900	810	0	1	29.09	33	PASS
GPRS1900	810	0	2	28.50	33	PASS
GPRS1900	810	0	3	26.85	33	PASS
GPRS1900	810	0	4	25.59	33	PASS

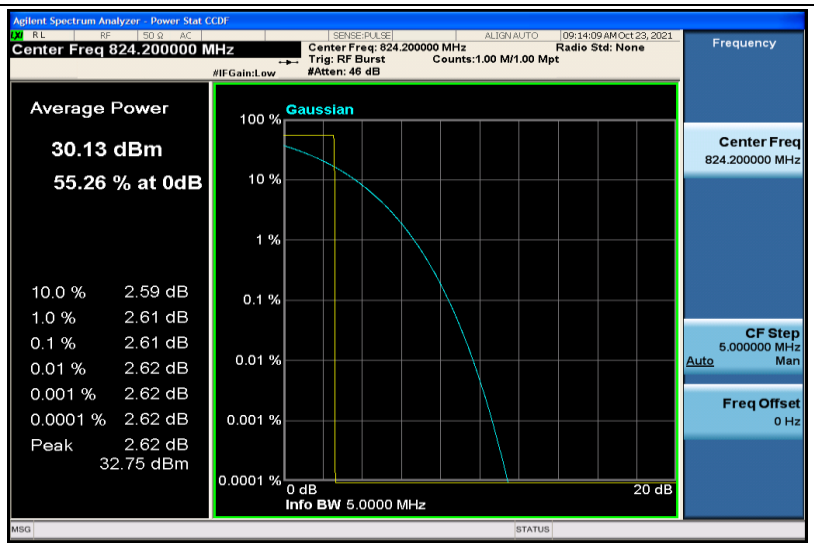
Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
EGPRS850	128	8	1	25.49	38.5	PASS
EGPRS850	128	8	2	25.05	38.5	PASS
EGPRS850	128	8	3	23.00	38.5	PASS
EGPRS850	128	8	4	21.50	38.5	PASS
EGPRS850	190	8	1	25.44	38.5	PASS
EGPRS850	190	8	2	25.08	38.5	PASS
EGPRS850	190	8	3	23.36	38.5	PASS
EGPRS850	190	8	4	22.15	38.5	PASS
EGPRS850	251	8	1	25.91	38.5	PASS
EGPRS850	251	8	2	25.15	38.5	PASS
EGPRS850	251	8	3	23.68	38.5	PASS
EGPRS850	251	8	4	22.27	38.5	PASS
EGPRS1900	512	2	1	25.49	33	PASS
EGPRS1900	512	2	2	24.92	33	PASS
EGPRS1900	512	2	3	22.76	33	PASS
EGPRS1900	512	2	4	21.69	33	PASS
EGPRS1900	661	2	1	25.30	33	PASS
EGPRS1900	661	2	2	24.77	33	PASS
EGPRS1900	661	2	3	22.94	33	PASS
EGPRS1900	661	2	4	21.73	33	PASS
EGPRS1900	810	2	1	25.25	33	PASS
EGPRS1900	810	2	2	24.48	33	PASS
EGPRS1900	810	2	3	22.76	33	PASS
EGPRS1900	810	2	4	22.72	33	PASS

8.2 Appendix B: Peak-to-Average Ratio

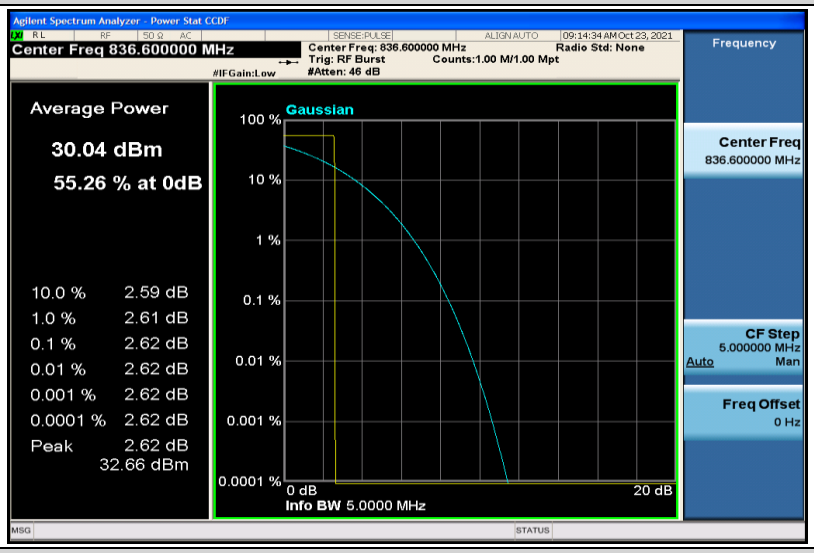
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
GSM850	128	2.61	13	PASS
GSM850	190	2.62	13	PASS
GSM850	251	2.62	13	PASS
GPRS850	128	2.62	13	PASS
GPRS850	190	2.61	13	PASS
GPRS850	251	2.61	13	PASS
EGPRS850	128	5.18	13	PASS
EGPRS850	190	5.08	13	PASS
EGPRS850	251	5.08	13	PASS
GSM1900	512	2.68	13	PASS
GSM1900	661	2.66	13	PASS
GSM1900	810	2.66	13	PASS
GPRS1900	512	2.73	13	PASS
GPRS1900	661	2.70	13	PASS
GPRS1900	810	2.71	13	PASS
EGPRS1900	512	5.10	13	PASS
EGPRS1900	661	5.06	13	PASS
EGPRS1900	810	5.06	13	PASS

Test Graphs



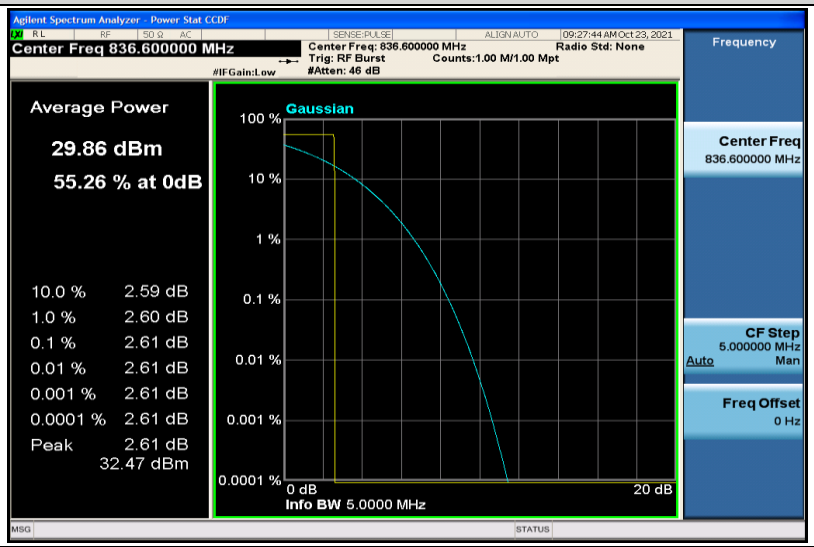
GSM850-128



GSM850-190

GSM850-251

GPRS850-128



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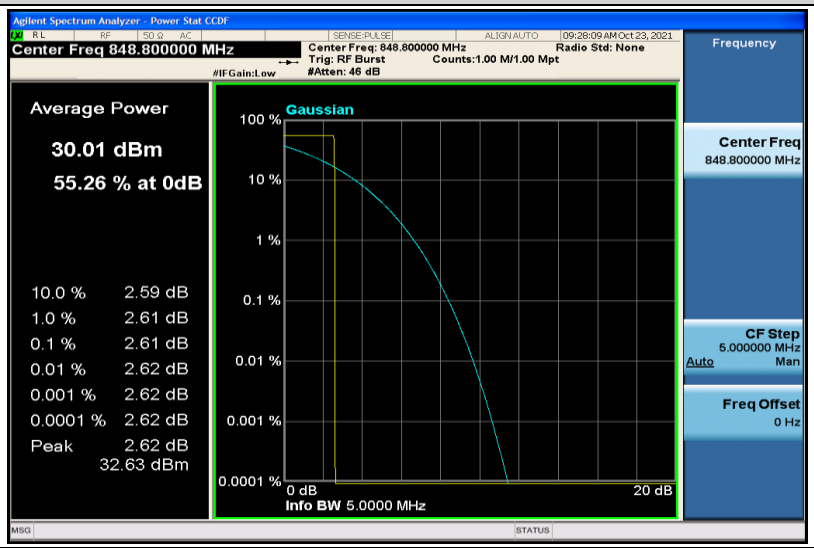
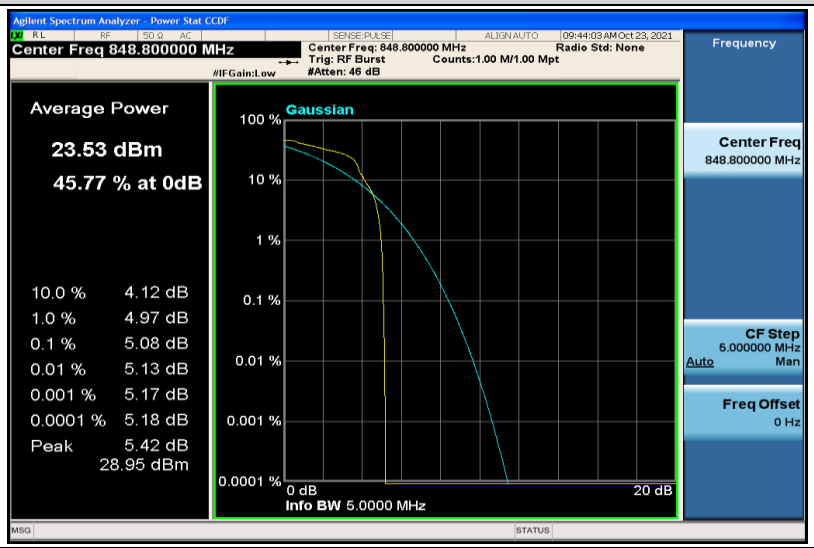


GPRS850-251

EGPRS850-128

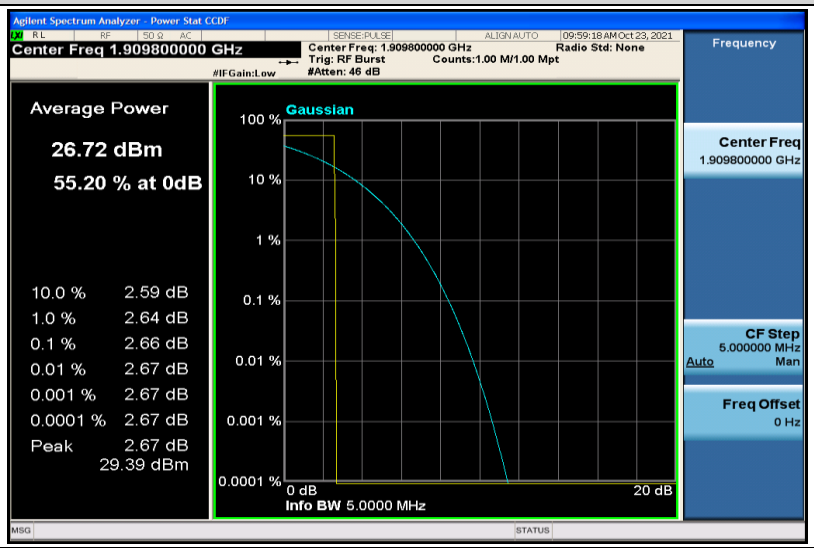
EGPRS850-190



EGPRS850-251

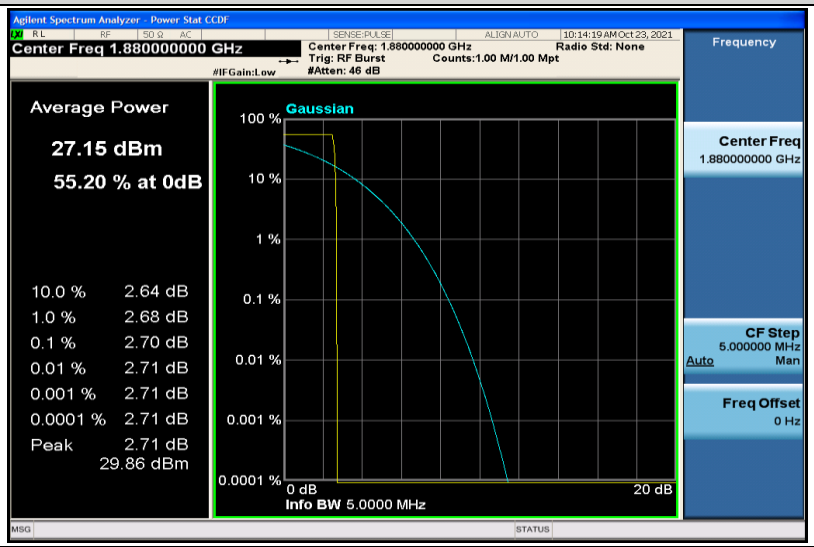
GSM1900-512

GSM1900-661

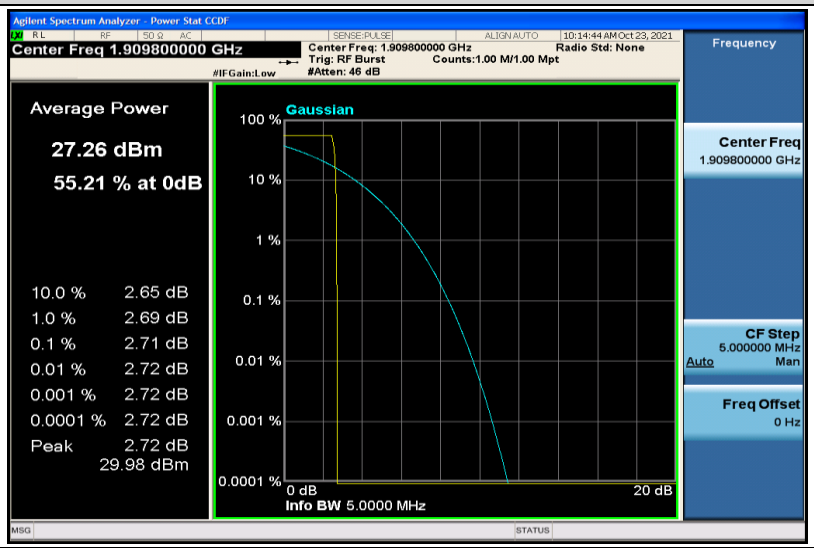


GSM1900-810

GPRS1900-512

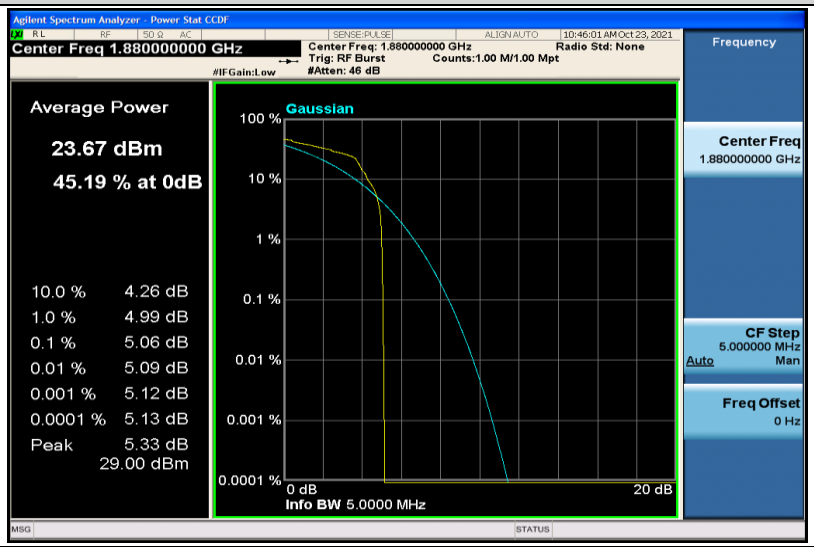


GPRS1900-661



GPRS1900-810

EGPRS1900-512



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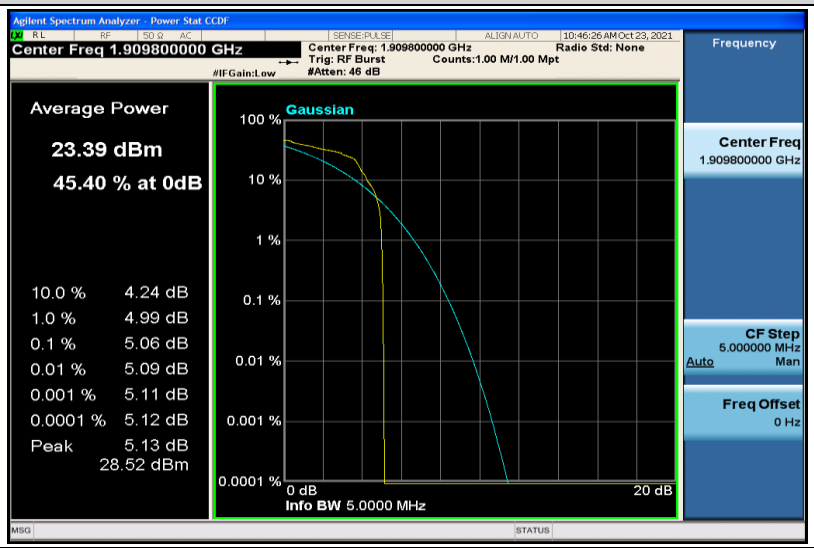


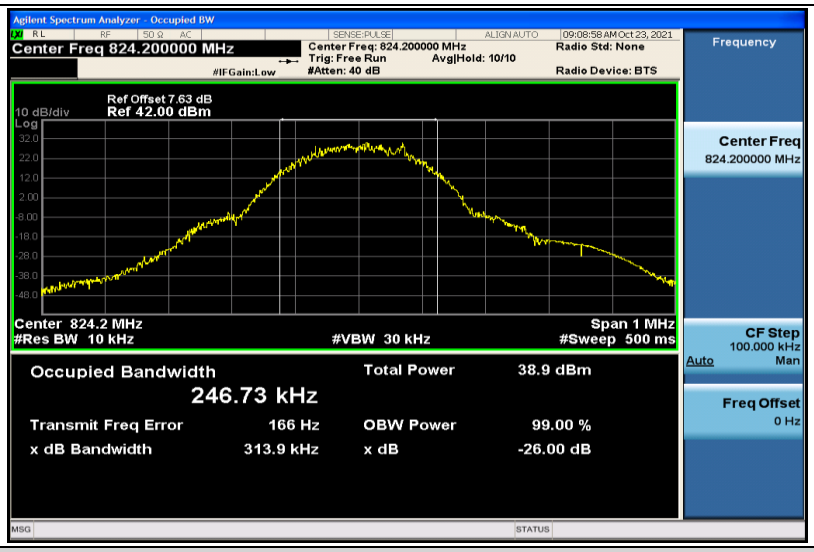
EGPRS1900-810

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

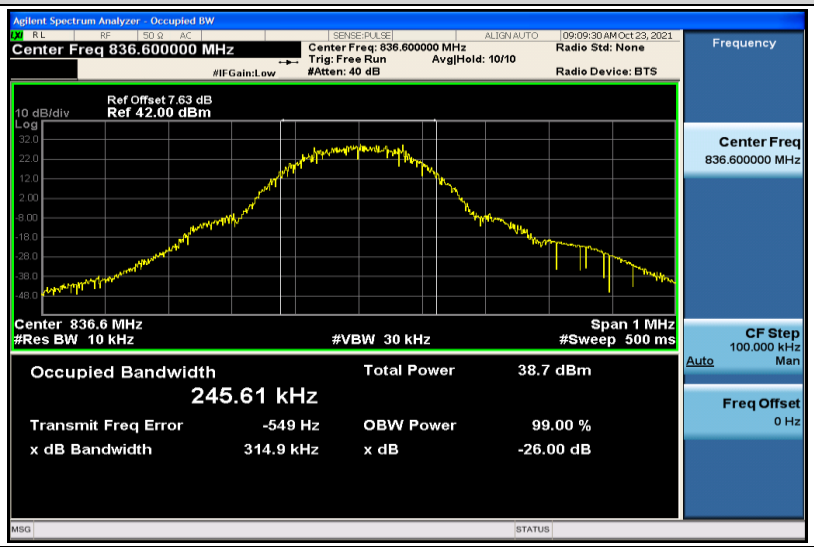
Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	246.73	313.9	---	PASS
GSM850	190	245.61	314.9	---	PASS
GSM850	251	244.02	316.5	---	PASS
GPRS850	128	246.73	317.0	---	PASS
GPRS850	190	246.21	314.3	---	PASS
GPRS850	251	244.91	311.8	---	PASS
EGPRS850	128	254.85	333.7	---	PASS
EGPRS850	190	256.53	323.2	---	PASS
EGPRS850	251	260.92	342.3	---	PASS
GSM1900	512	246.81	319.8	---	PASS
GSM1900	661	242.71	314.4	---	PASS
GSM1900	810	245.16	317.8	---	PASS
GPRS1900	512	244.41	315.8	---	PASS
GPRS1900	661	243.70	316.4	---	PASS
GPRS1900	810	244.83	315.5	---	PASS
EGPRS1900	512	254.11	319.4	---	PASS
EGPRS1900	661	254.77	323.6	---	PASS
EGPRS1900	810	251.83	327.1	---	PASS

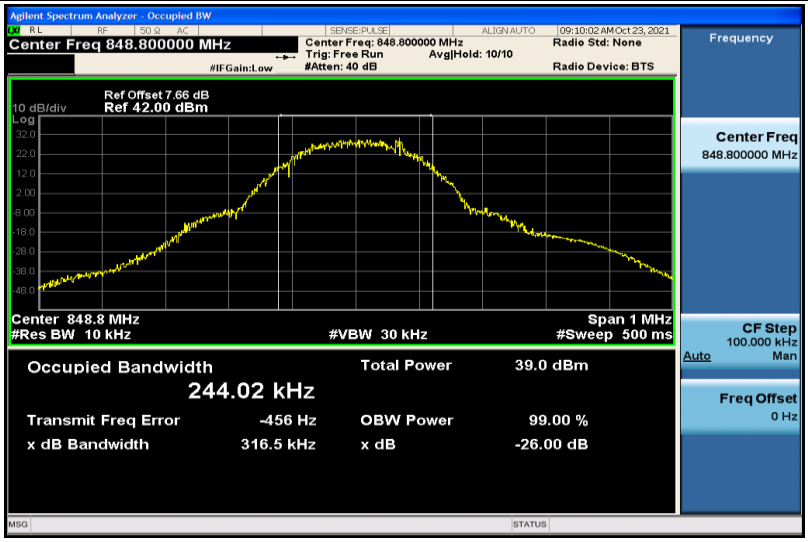
Test Graphs



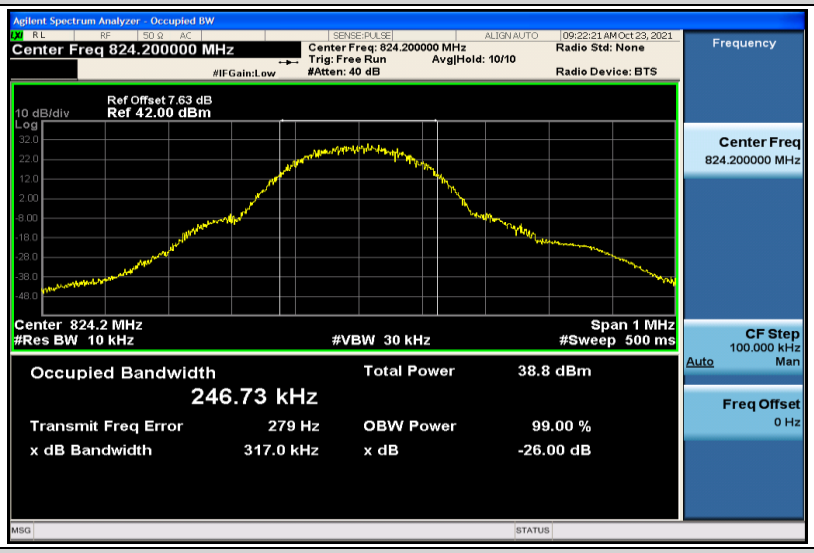
GSM850-128



GSM850-190



GSM850-251



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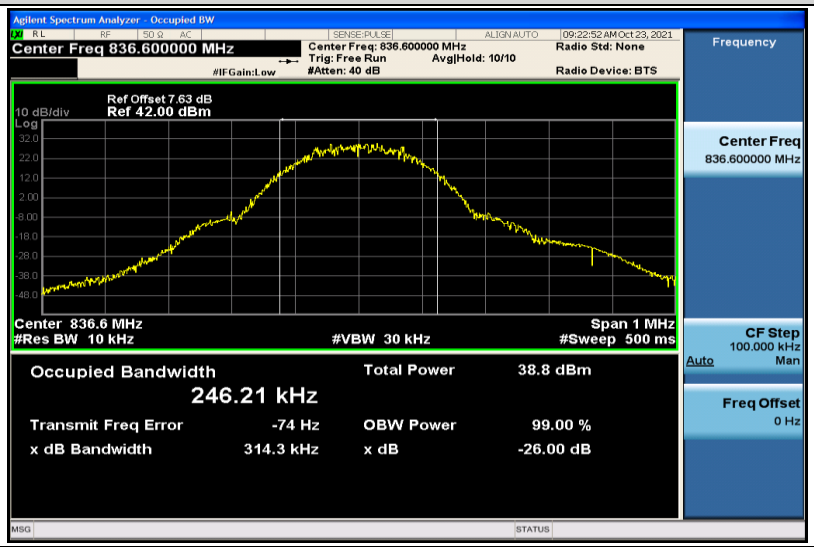

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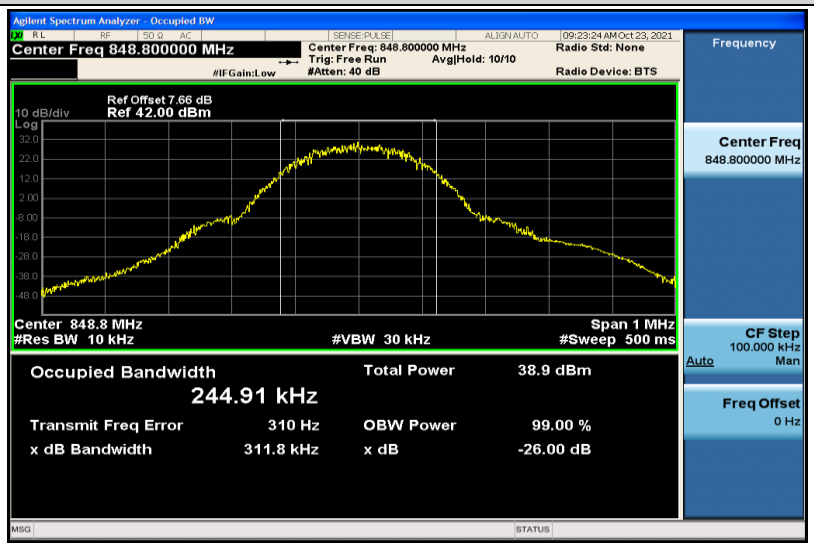
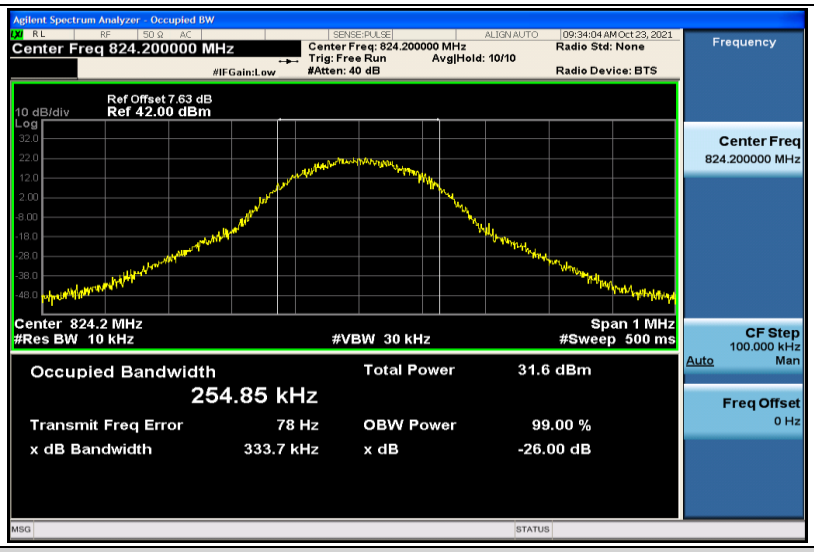
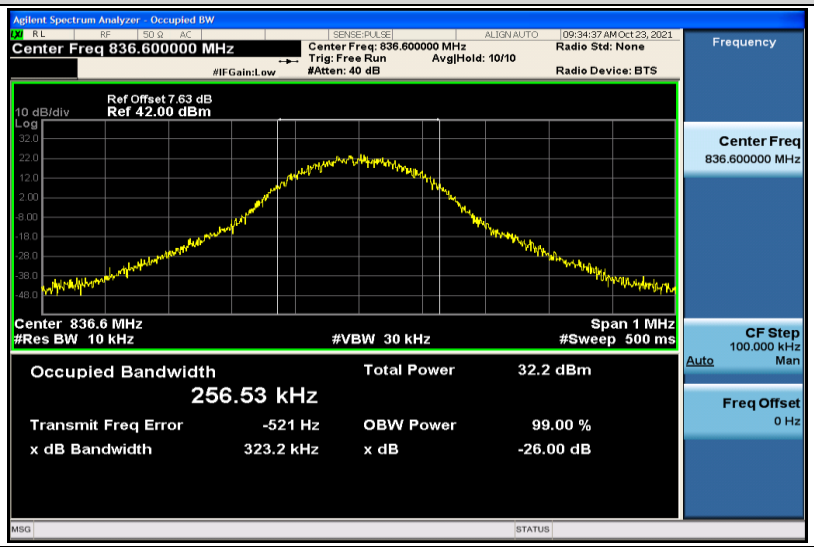


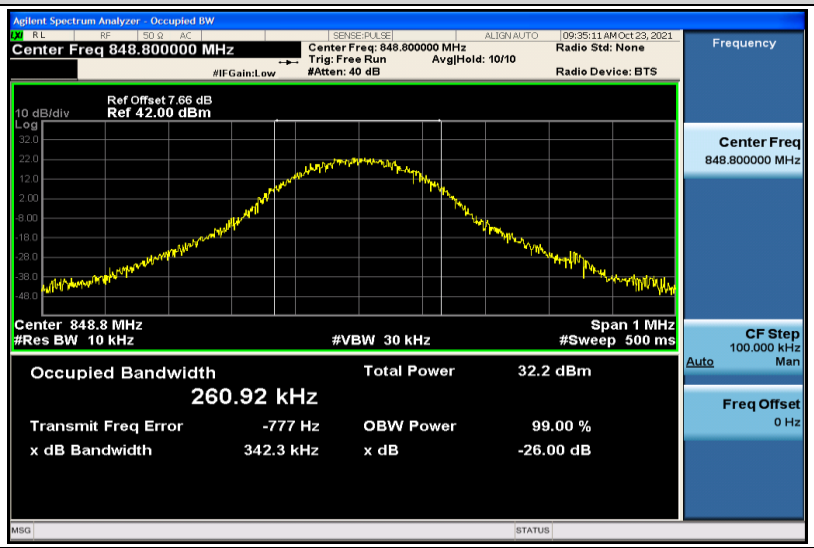
GPRS850-251



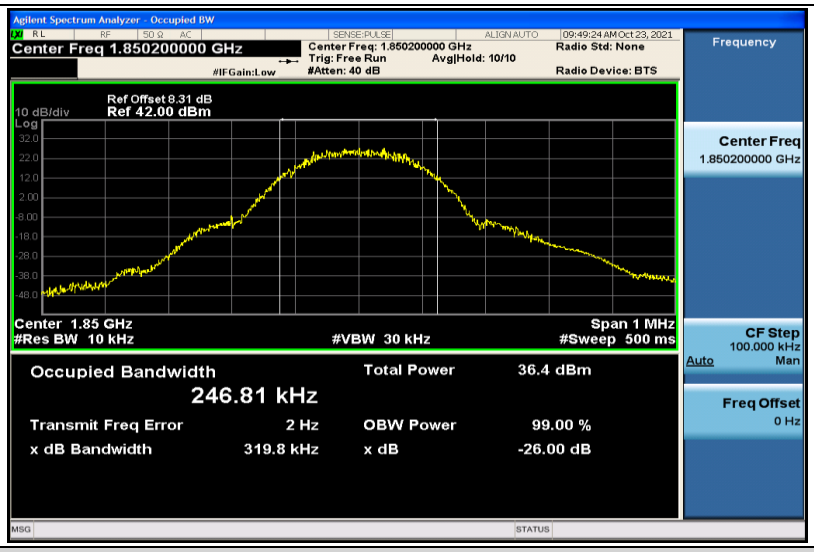
EGPRS850-128



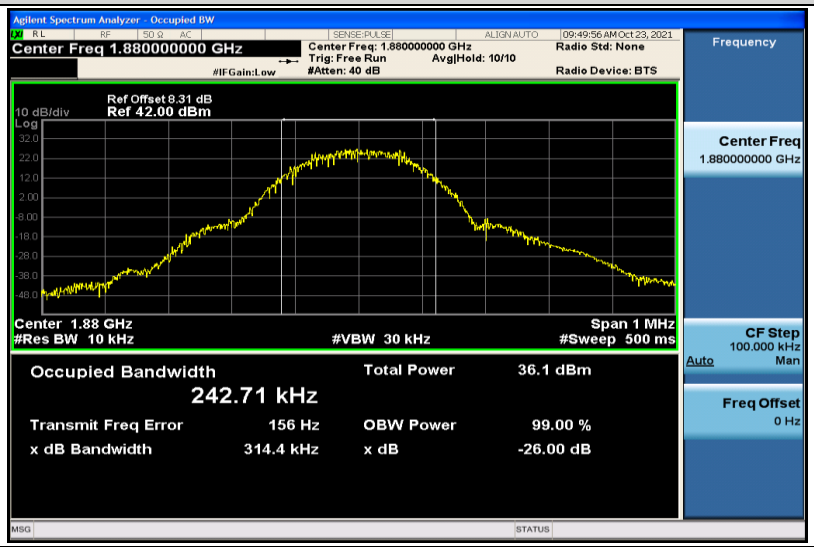
EGPRS850-190



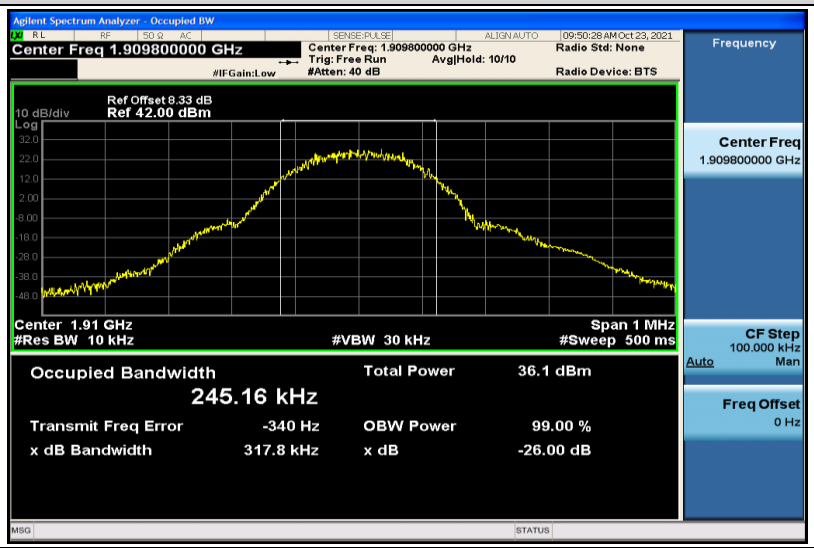
EGPRS850-251



GSM1900-512



GSM1900-661



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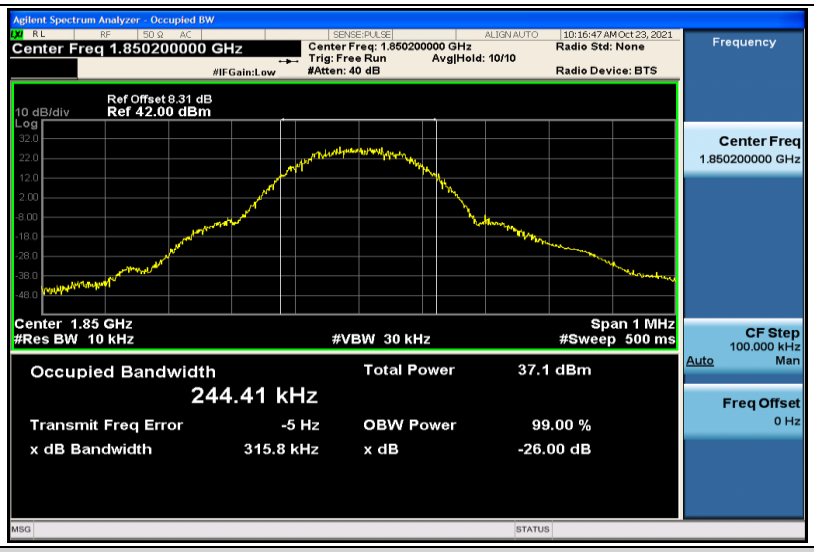

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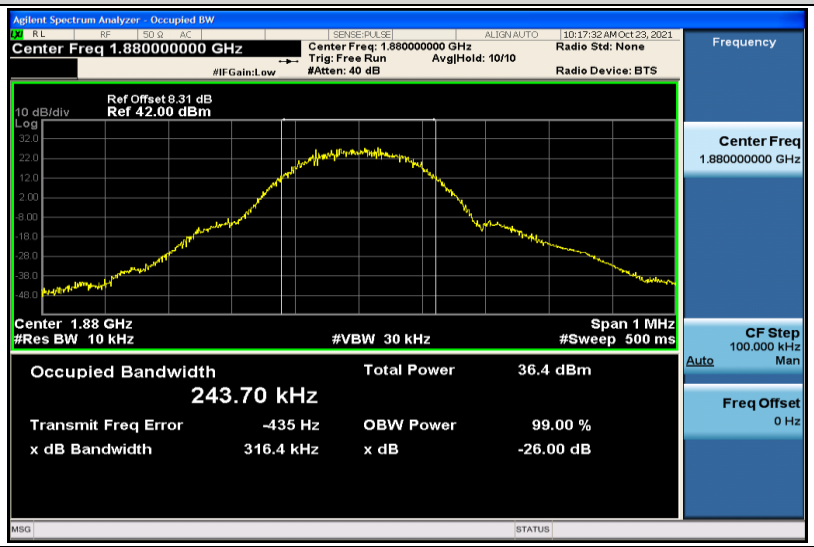
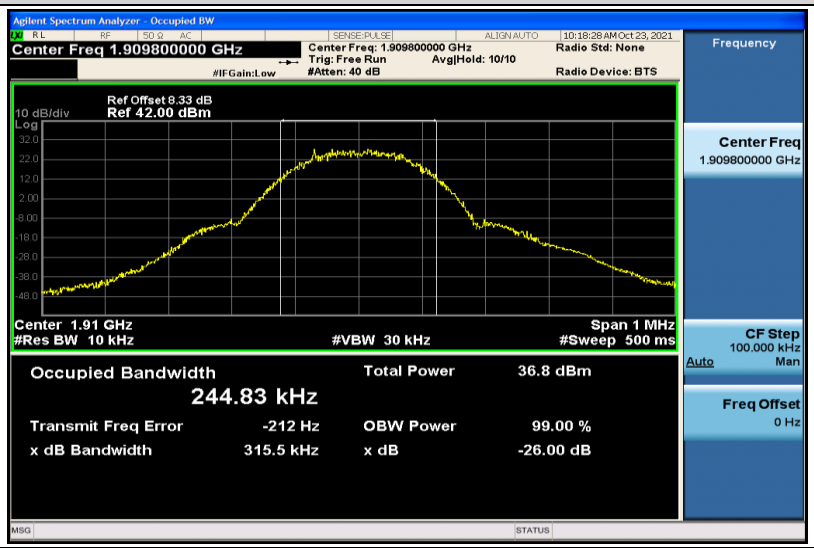


GPRS1900-661



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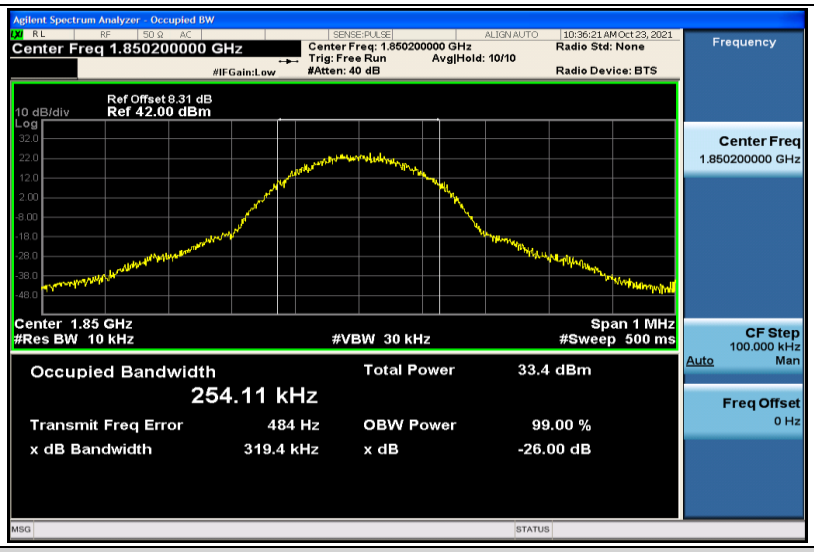
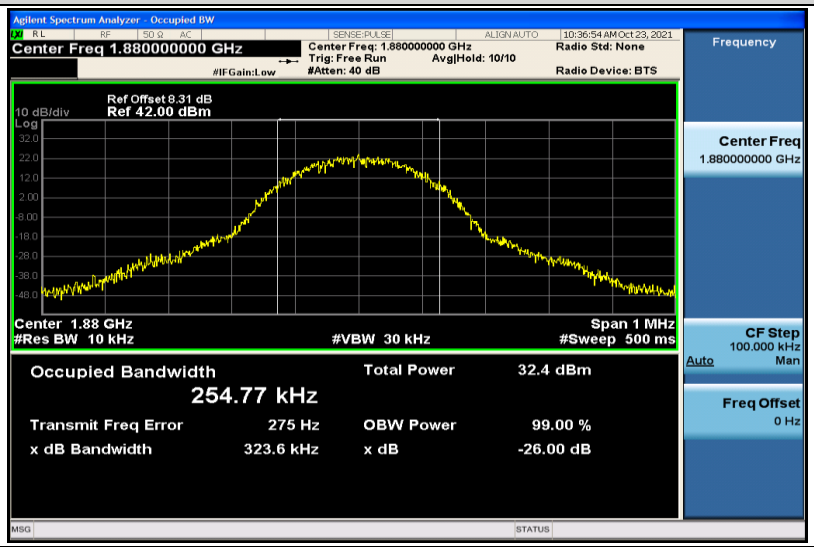
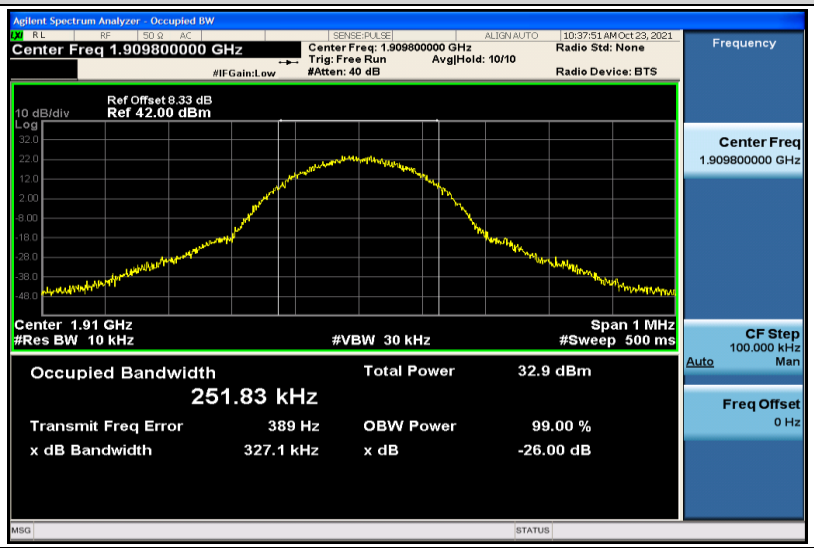


EGPRS1900-512



EGPRS1900-661



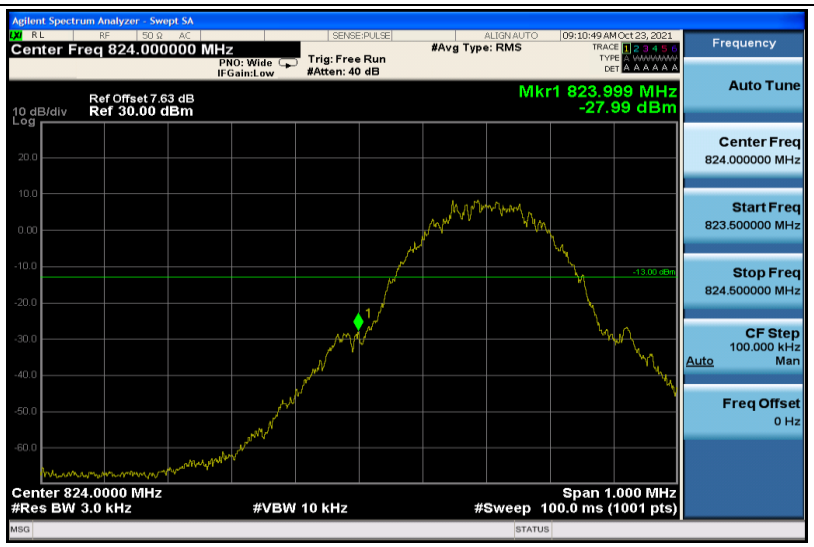
EGPRS1900-810

8.4 Appendix D: Band Edge

Test Result

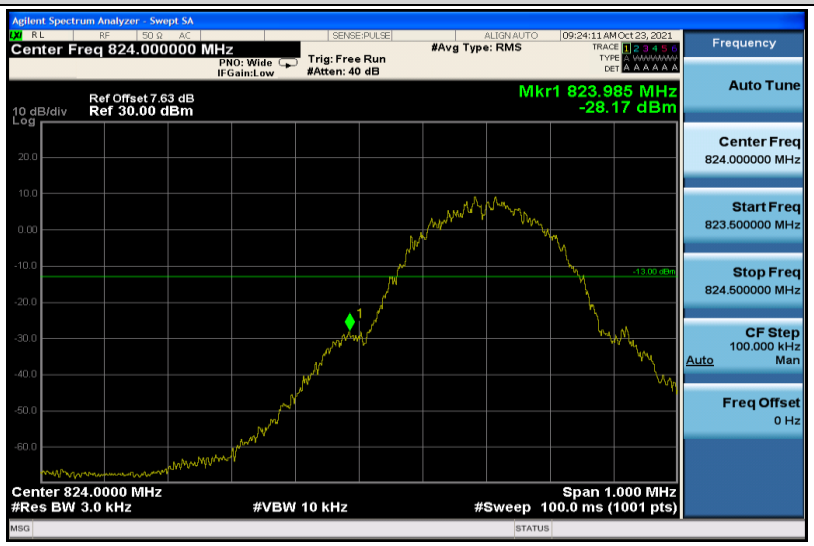
Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-27.99	-13	PASS
GSM850	251	-25.92	-13	PASS
GPRS850	128	-28.17	-13	PASS
GPRS850	251	-26.79	-13	PASS
EGPRS850	128	-35.59	-13	PASS
EGPRS850	251	-34.59	-13	PASS
GSM1900	512	-29.26	-13	PASS
GSM1900	810	-28.67	-13	PASS
GPRS1900	512	-29.10	-13	PASS
GPRS1900	810	-30.07	-13	PASS
EGPRS1900	512	-37.73	-13	PASS
EGPRS1900	810	-37.56	-13	PASS

Test Graphs



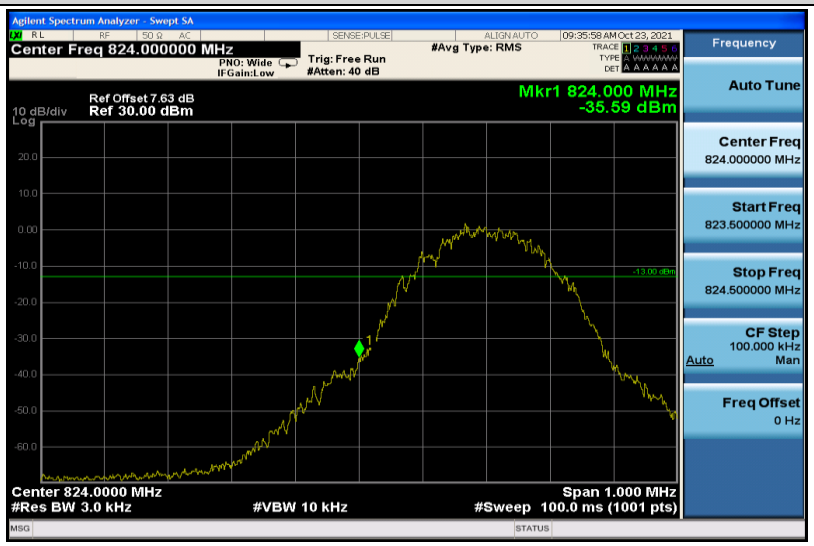
GSM850-128

GSM850-251



GPRS850-128

GPRS850-251

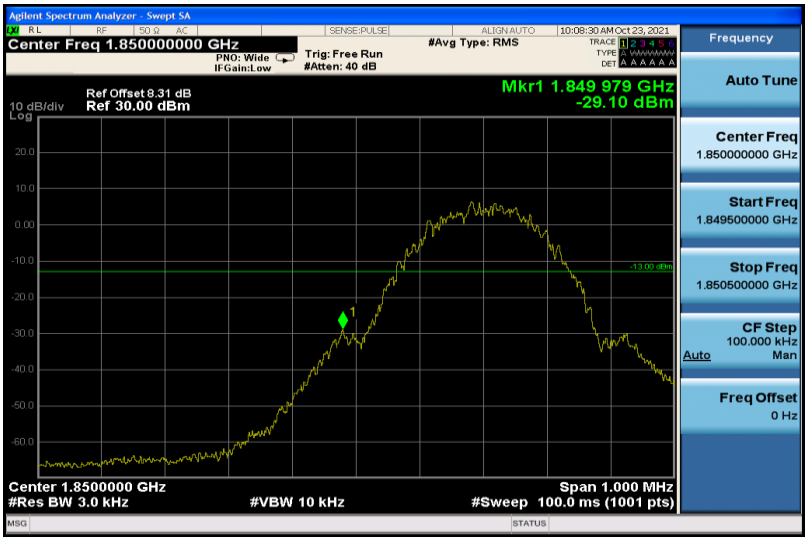


EGPRS850-128

EGPRS850-251

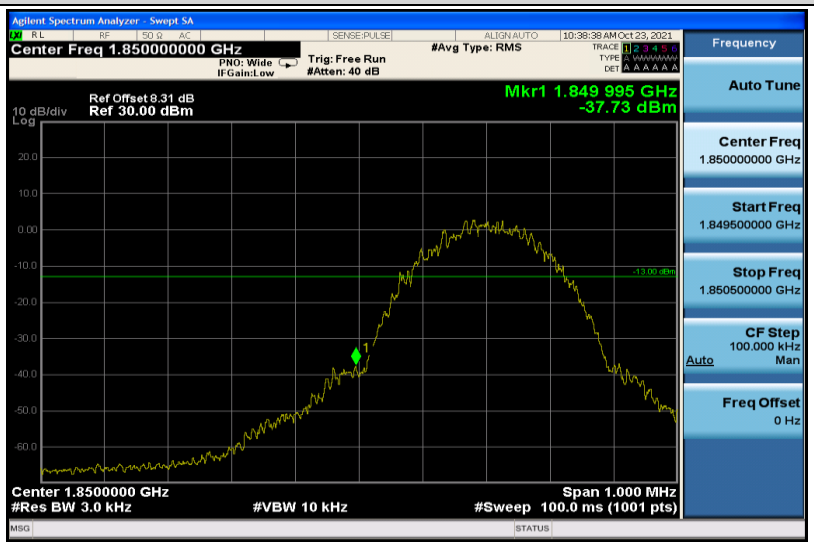
GSM1900-512

GSM1900-810



GPRS1900-512

GPRS1900-810



EGPRS1900-512

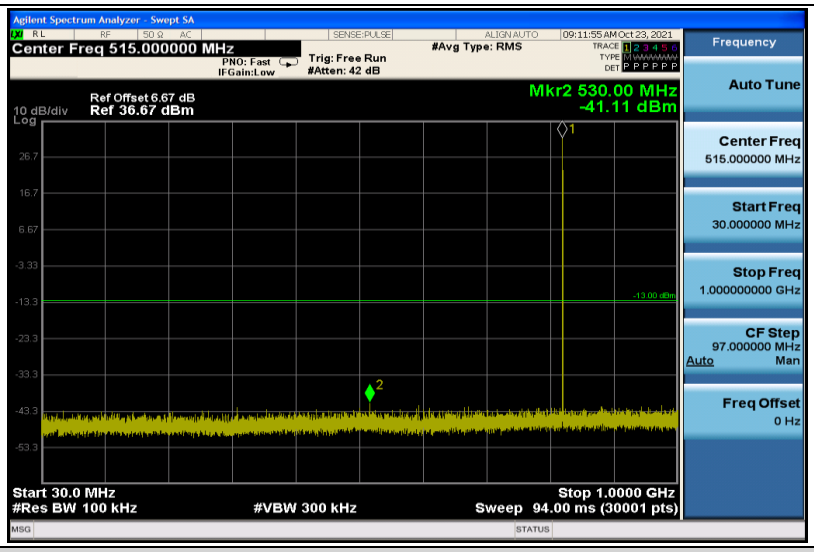
EGPRS1900-810

8.5 Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	Frequency Range(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	30~1000	-41.11	-13	PASS
GSM850	128	1000~10000	-26.43	-13	PASS
GSM850	190	30~1000	-41.53	-13	PASS
GSM850	190	1000~10000	-26.79	-13	PASS
GSM850	251	30~1000	-41.28	-13	PASS
GSM850	251	1000~10000	-26.31	-13	PASS
GPRS850	128	30~1000	-41.50	-13	PASS
GPRS850	128	1000~10000	-26.57	-13	PASS
GPRS850	190	30~1000	-41.52	-13	PASS
GPRS850	190	1000~10000	-26.98	-13	PASS
GPRS850	251	30~1000	-41.38	-13	PASS
GPRS850	251	1000~10000	-26.83	-13	PASS
EGPRS850	128	30~1000	-41.61	-13	PASS
EGPRS850	128	1000~10000	-26.68	-13	PASS
EGPRS850	190	30~1000	-41.56	-13	PASS
EGPRS850	190	1000~10000	-26.38	-13	PASS
EGPRS850	251	30~1000	-41.95	-13	PASS
EGPRS850	251	1000~10000	-25.93	-13	PASS
GSM1900	512	30~1000	-41.14	-13	PASS
GSM1900	512	1000~20000	-20.49	-13	PASS
GSM1900	661	30~1000	-41.19	-13	PASS
GSM1900	661	1000~20000	-20.08	-13	PASS
GSM1900	810	30~1000	-41.35	-13	PASS
GSM1900	810	1000~20000	-20.08	-13	PASS
GPRS1900	512	30~1000	-40.88	-13	PASS
GPRS1900	512	1000~20000	-20.38	-13	PASS
GPRS1900	661	30~1000	-41.03	-13	PASS
GPRS1900	661	1000~20000	-18.92	-13	PASS
GPRS1900	810	30~1000	-41.06	-13	PASS
GPRS1900	810	1000~20000	-19.79	-13	PASS
EGPRS1900	512	30~1000	-41.10	-13	PASS
EGPRS1900	512	1000~20000	-19.64	-13	PASS
EGPRS1900	661	30~1000	-39.08	-13	PASS
EGPRS1900	661	1000~20000	-19.91	-13	PASS
EGPRS1900	810	30~1000	-40.92	-13	PASS
EGPRS1900	810	1000~20000	-19.47	-13	PASS

Test Graphs



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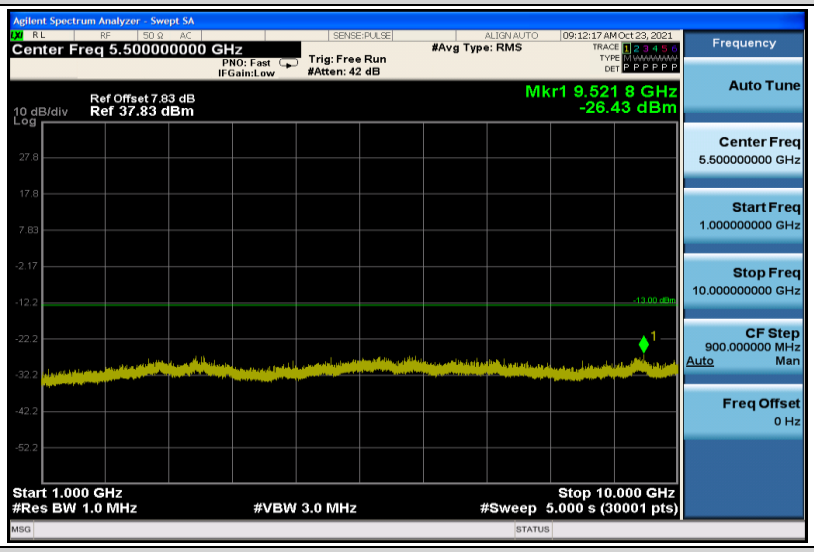

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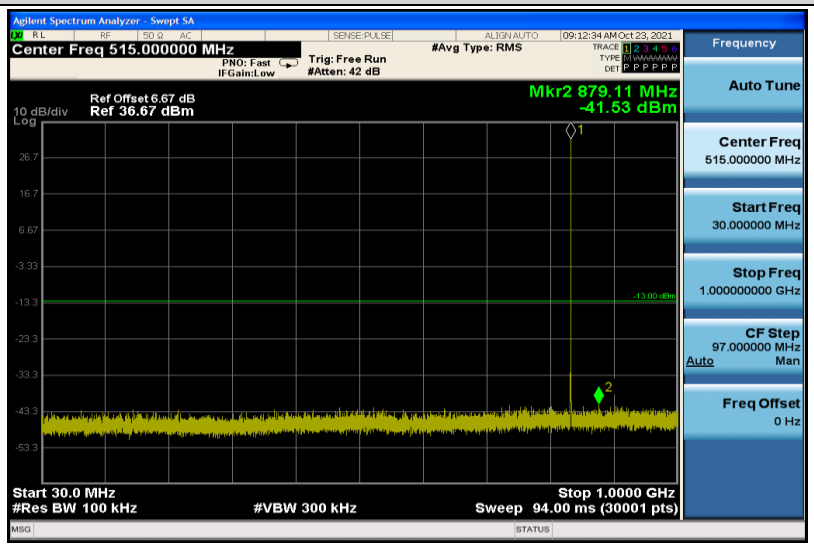

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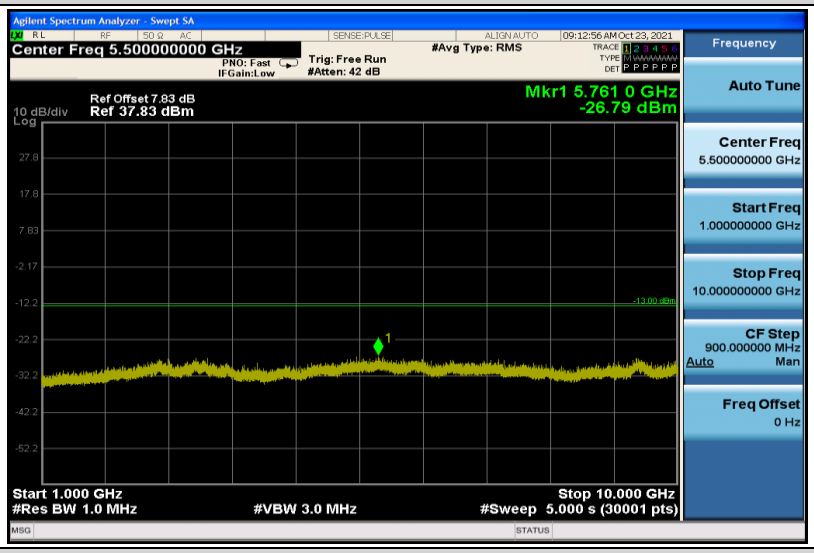

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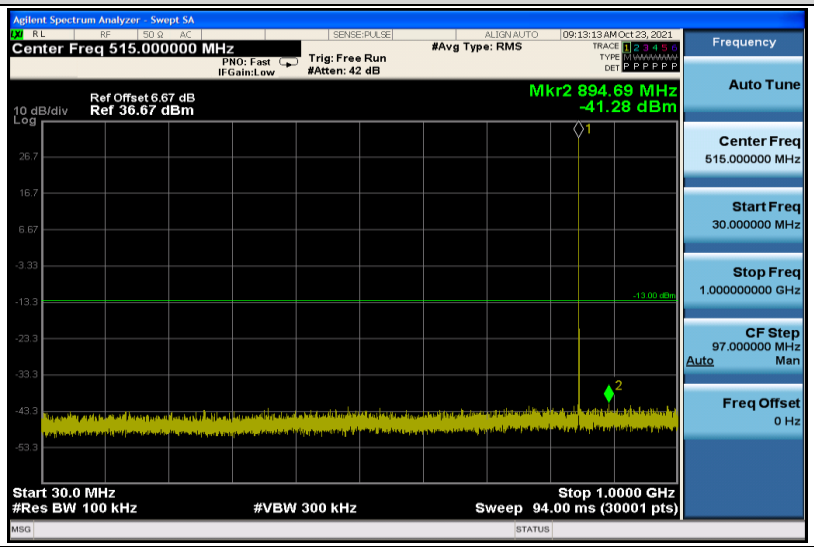

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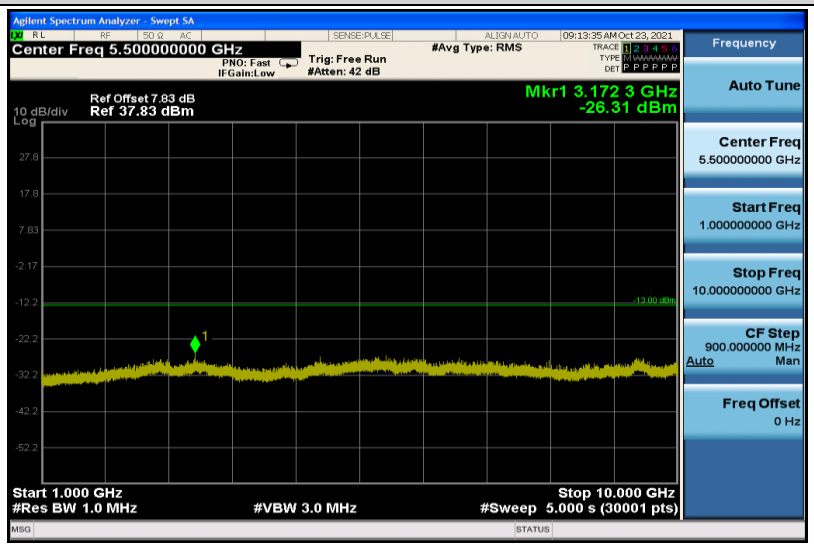

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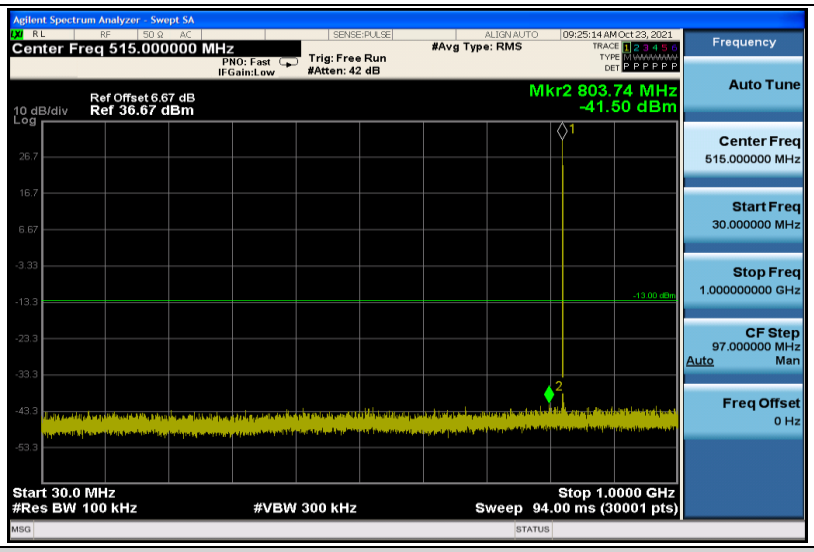

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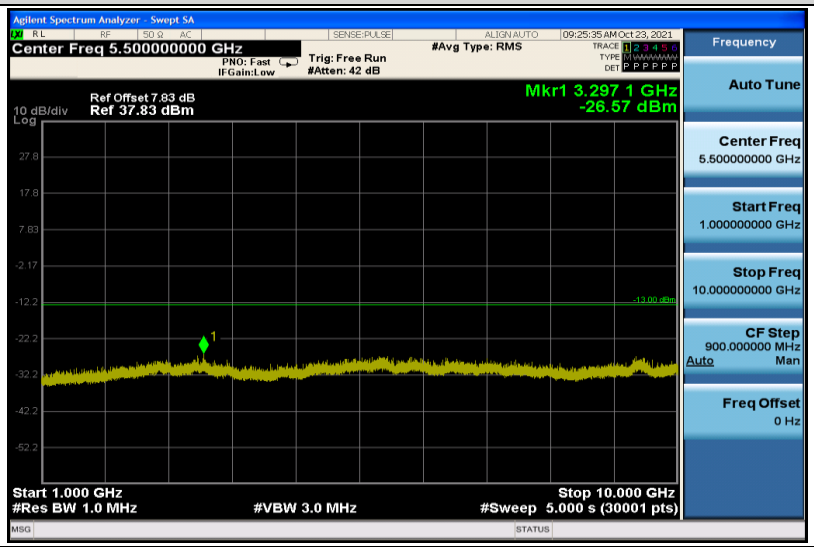

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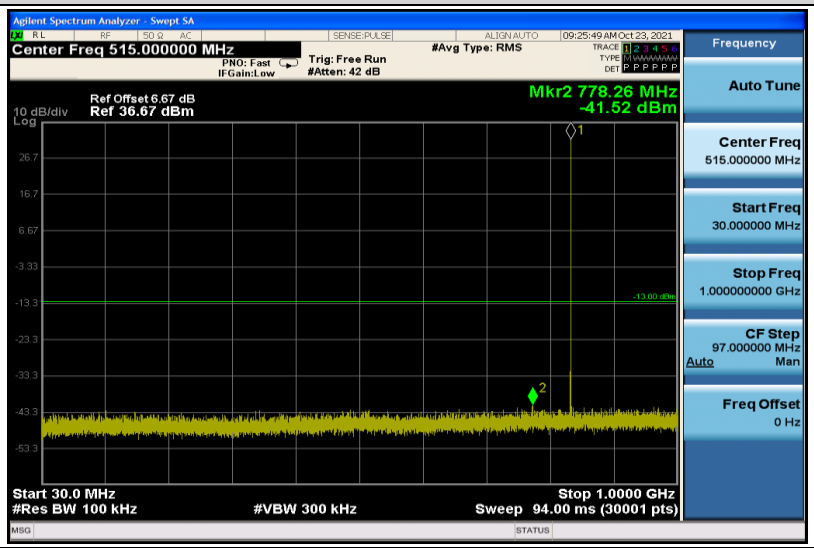

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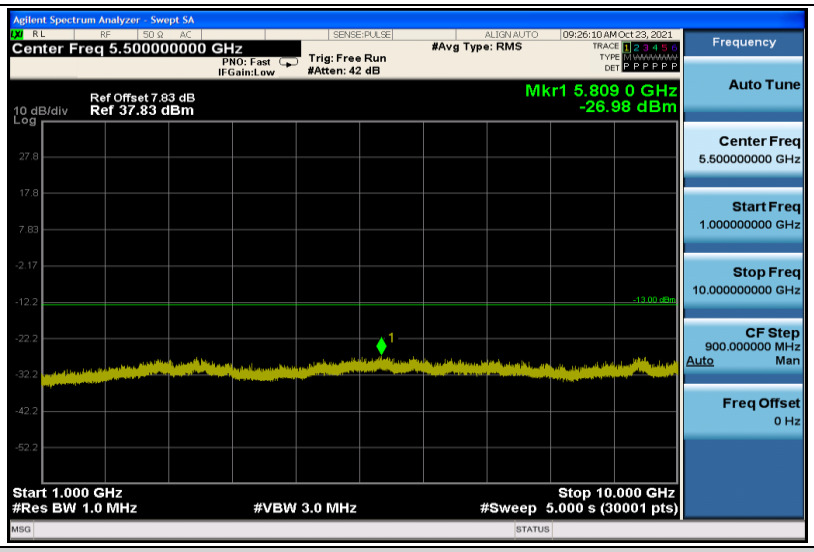

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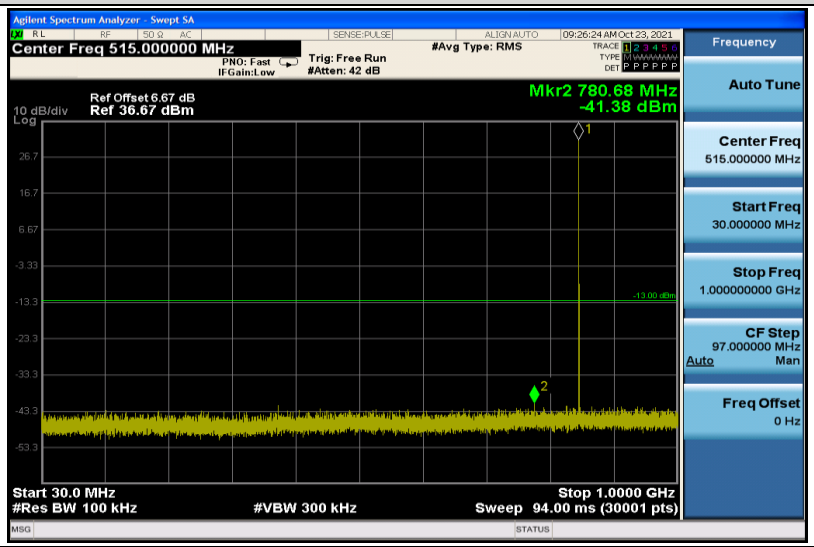

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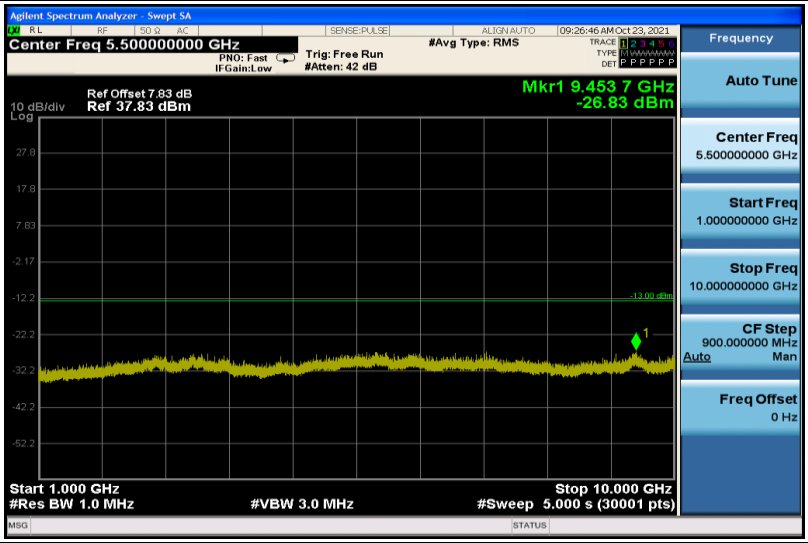

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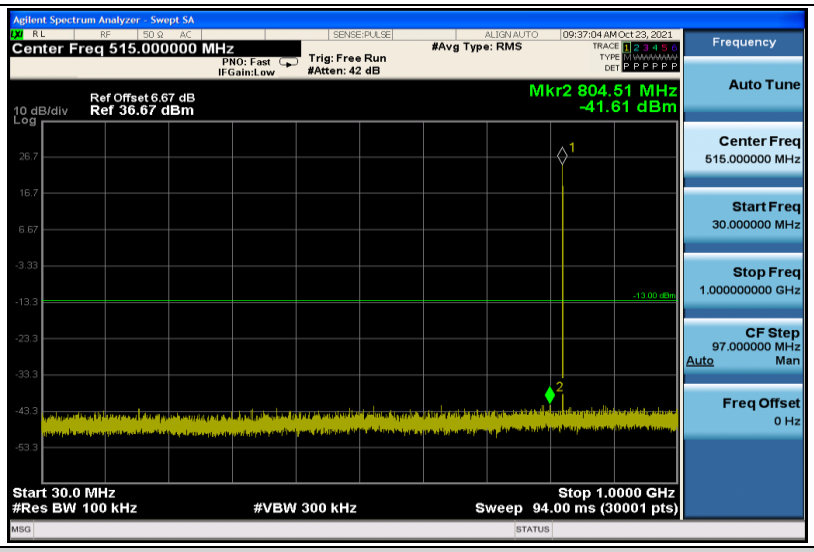

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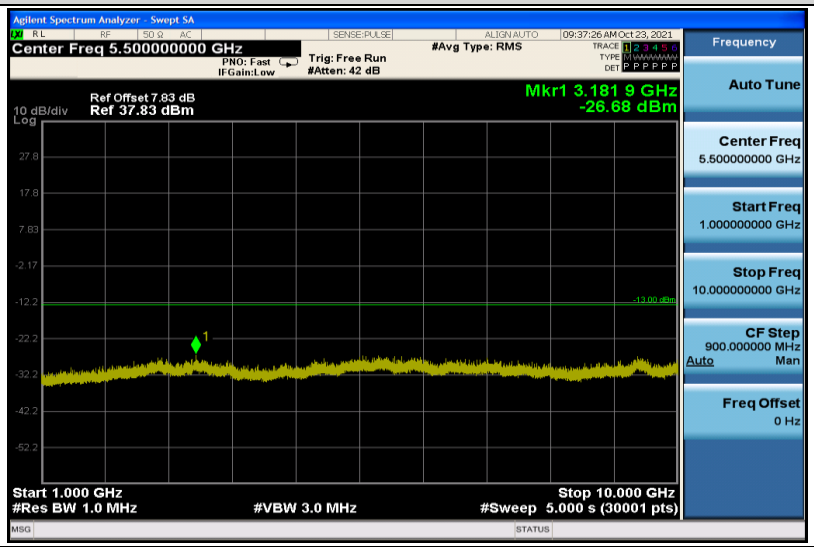

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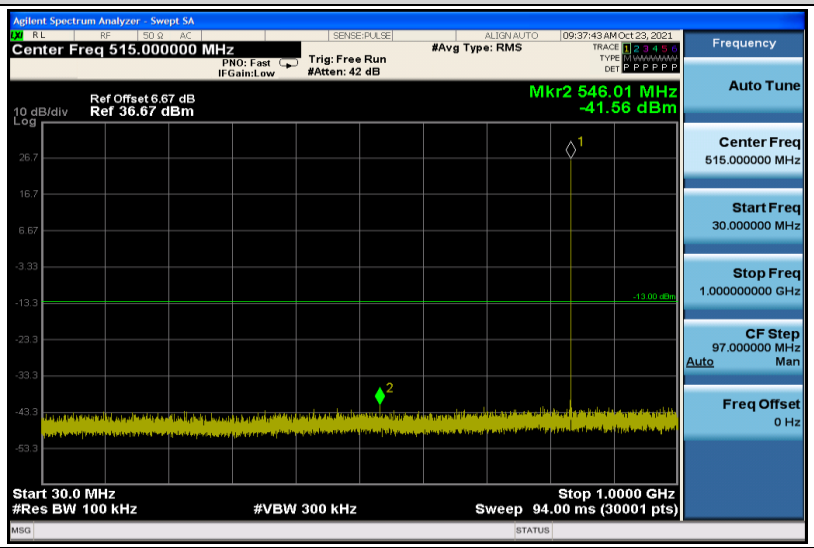

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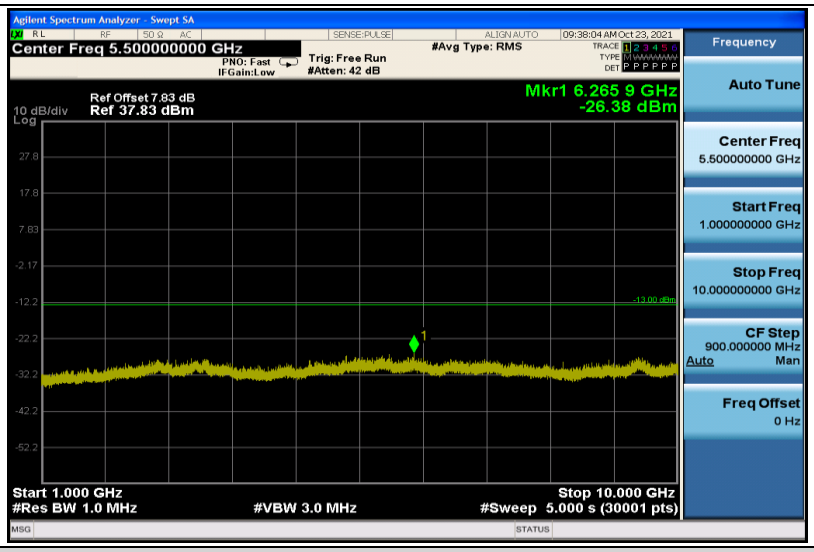

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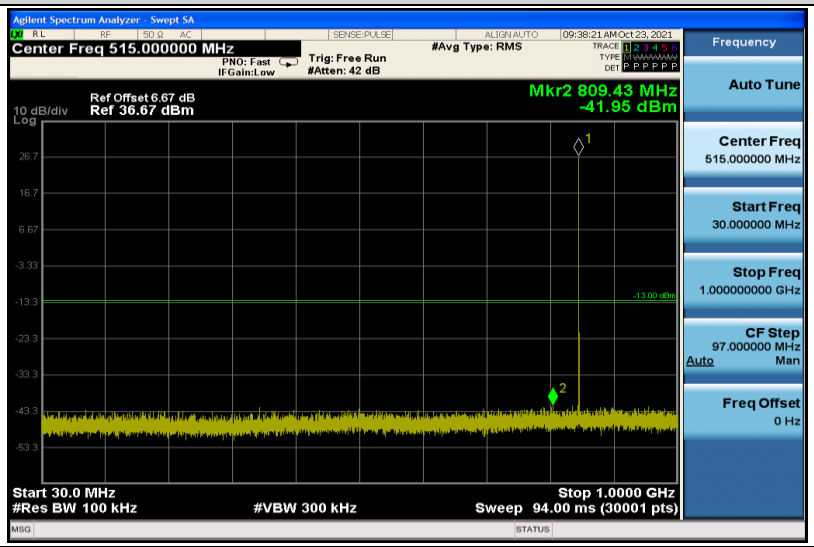

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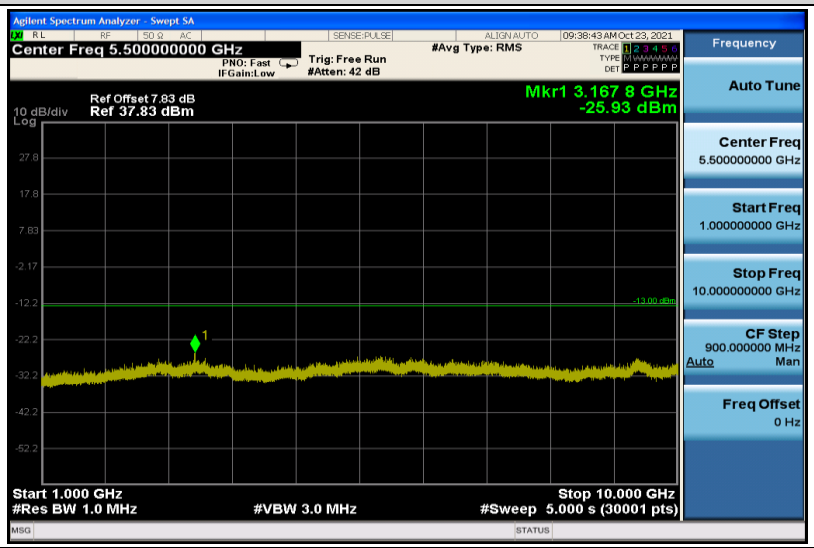

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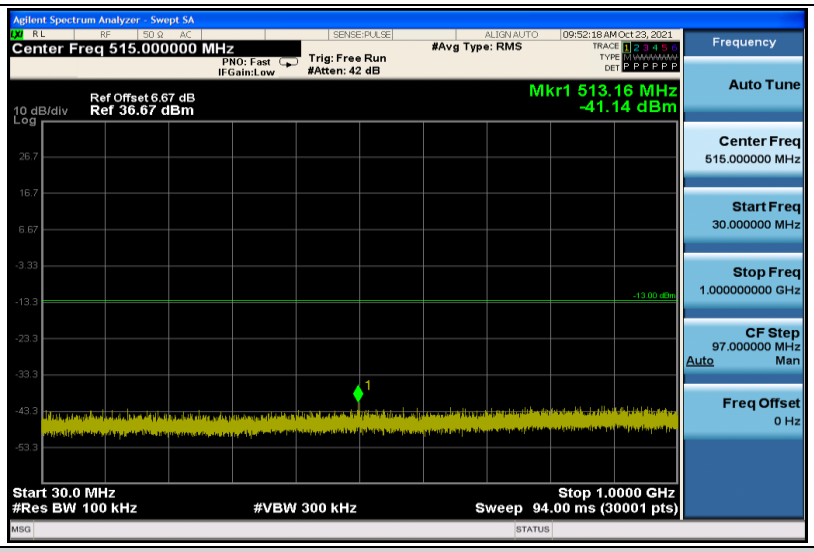

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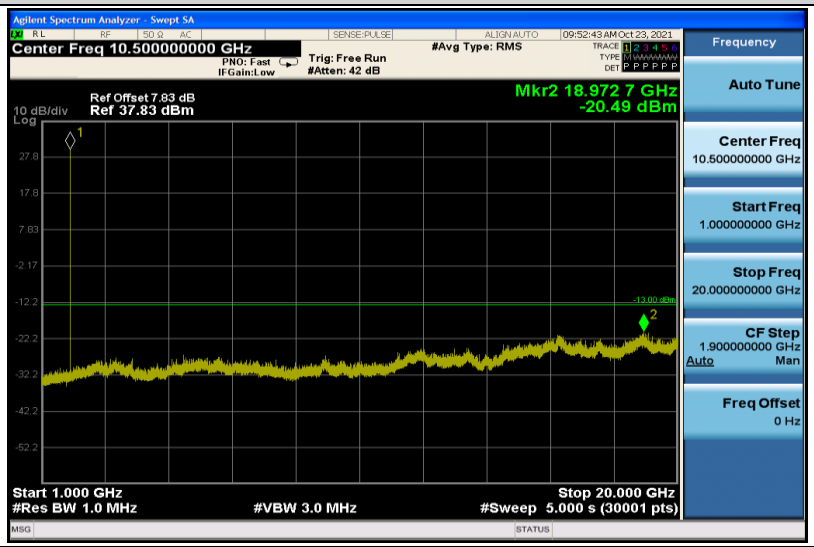
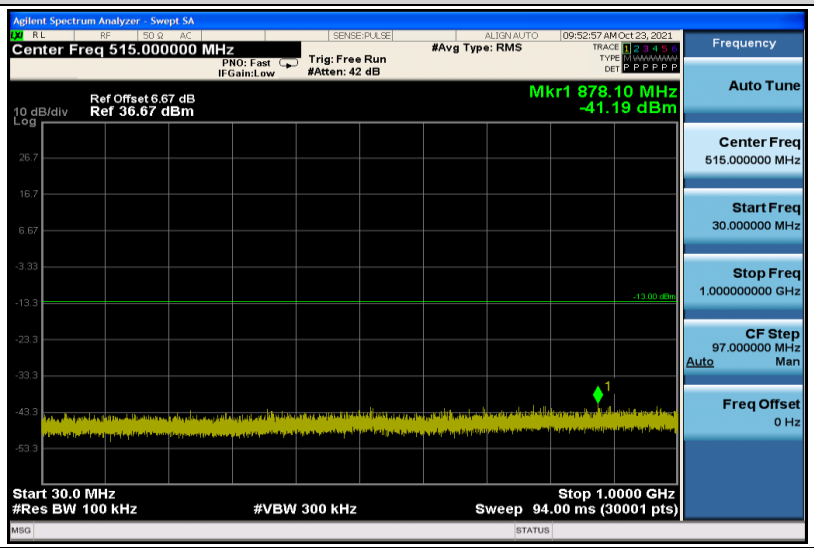
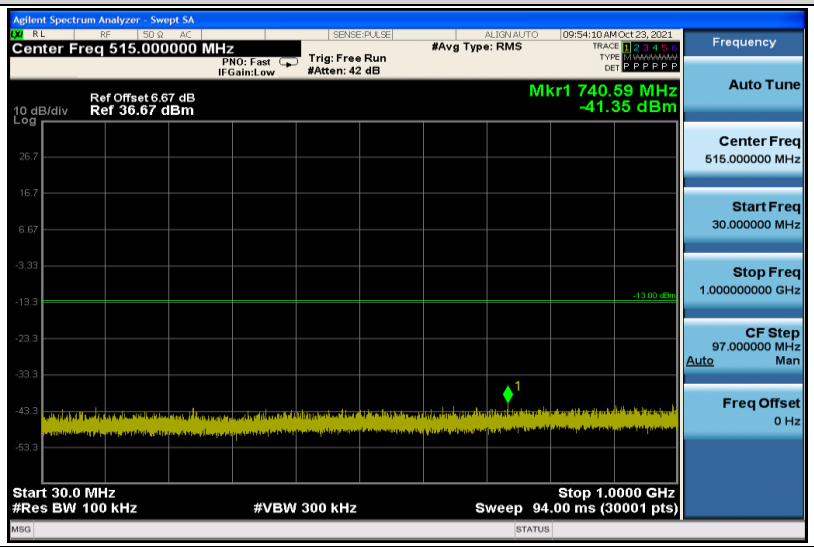


GSM1900-512-1000~20000



GSM1900-661-30~1000

GSM1900-661-1000~20000



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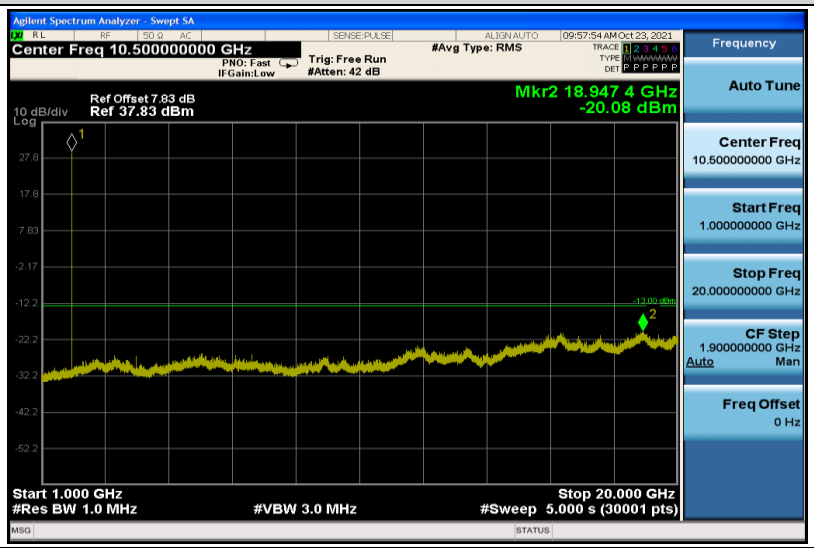

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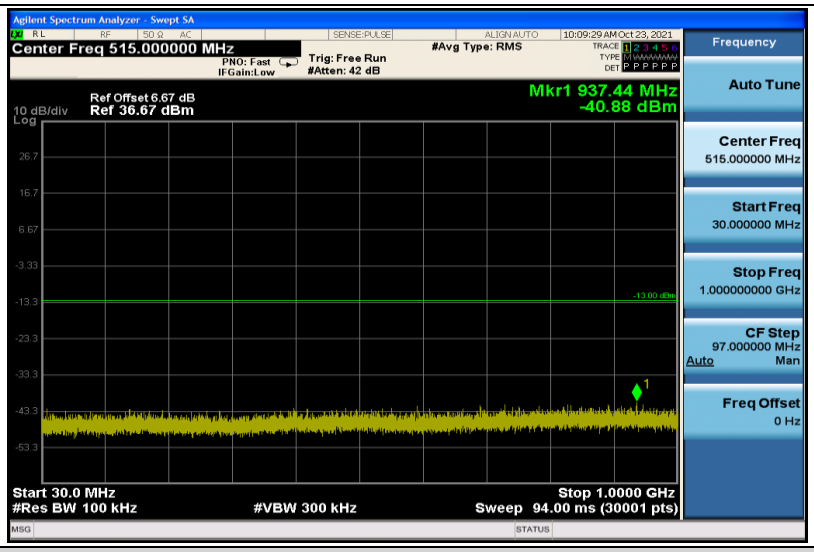

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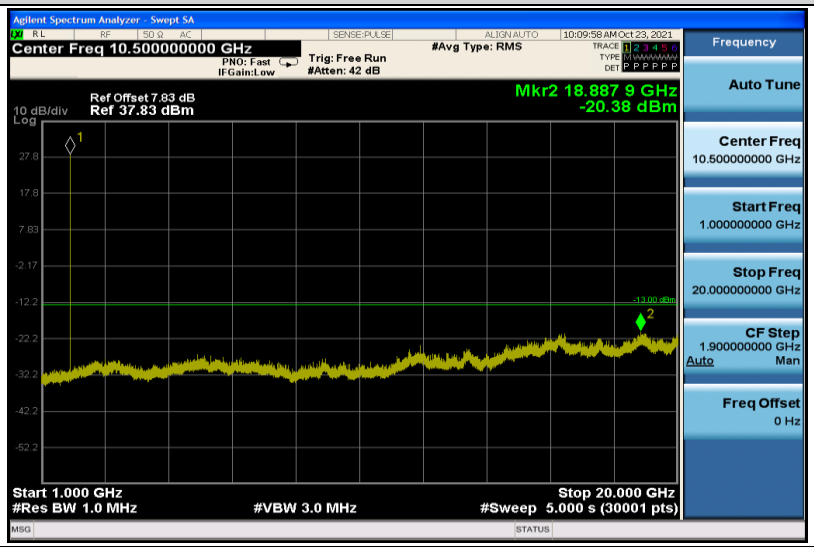

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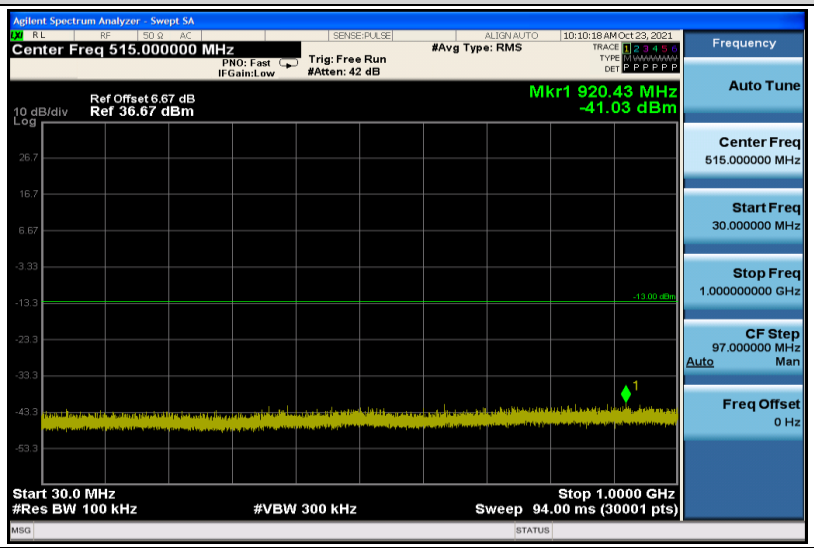

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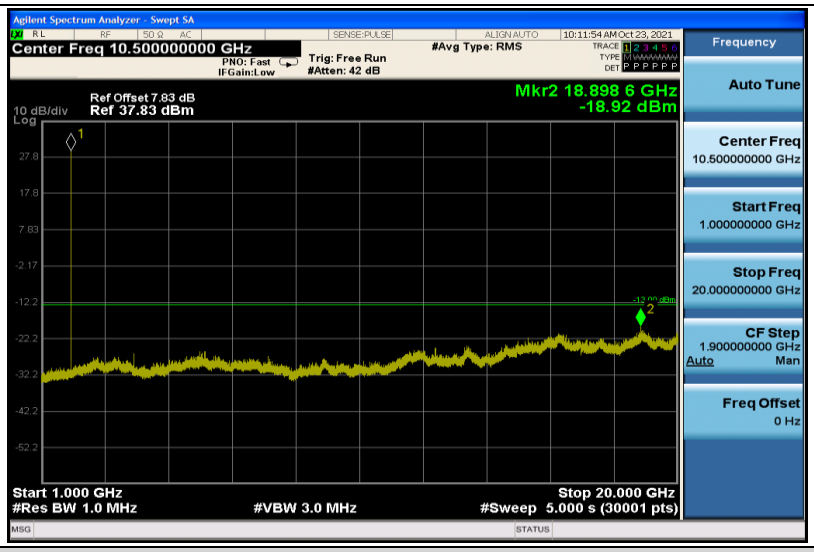
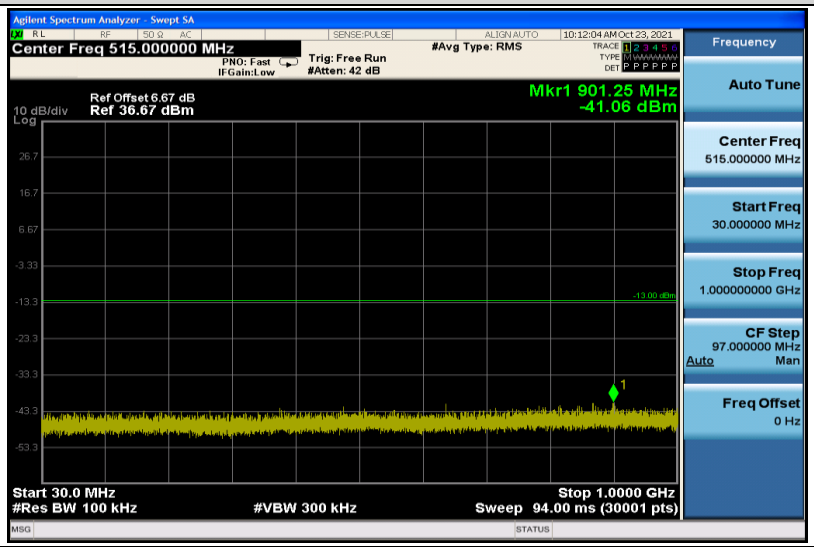


GPRS1900-661-1000~20000



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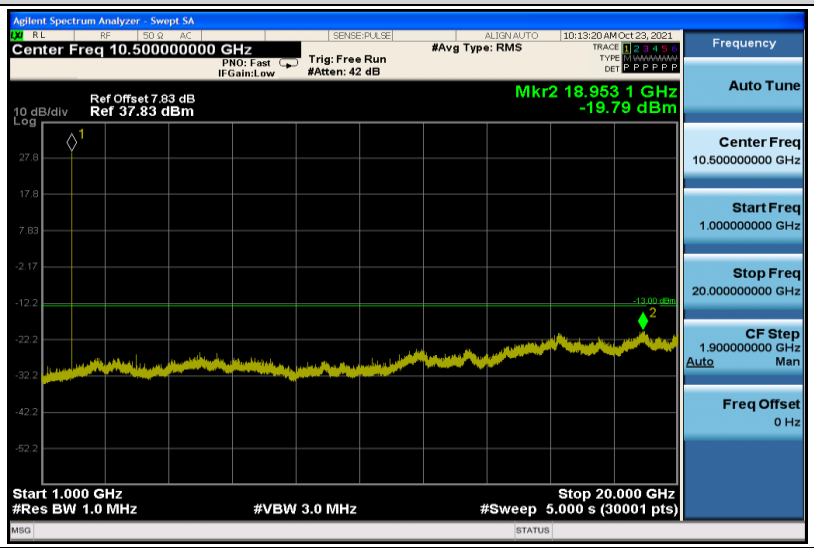

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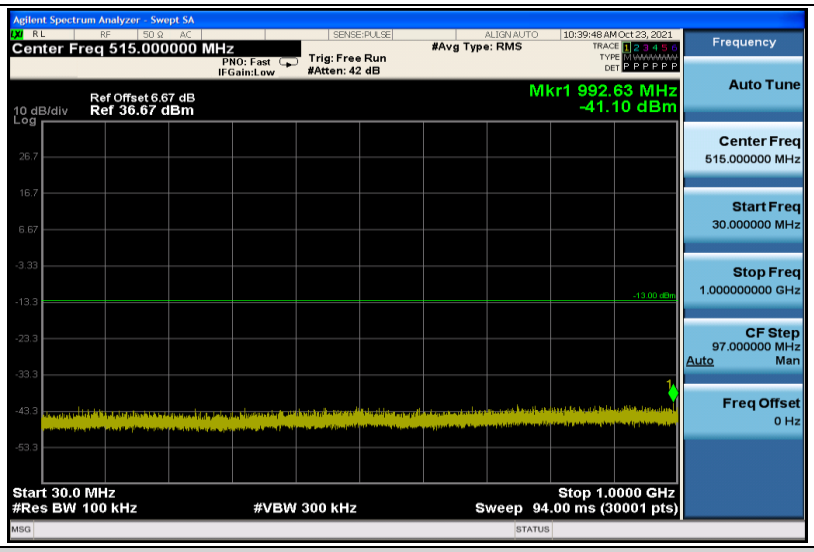

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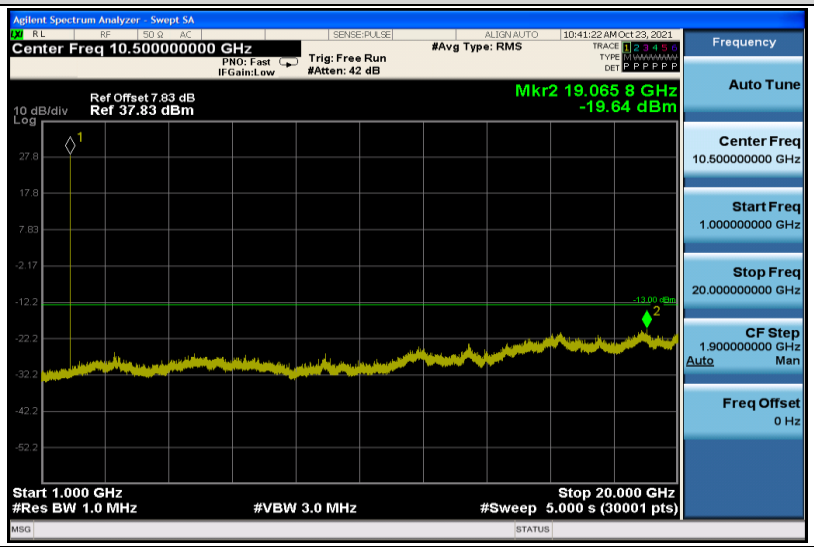

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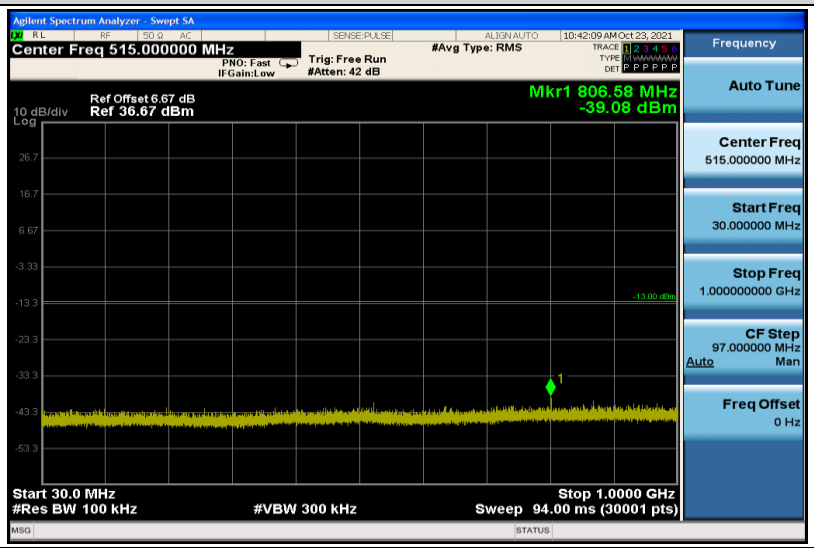

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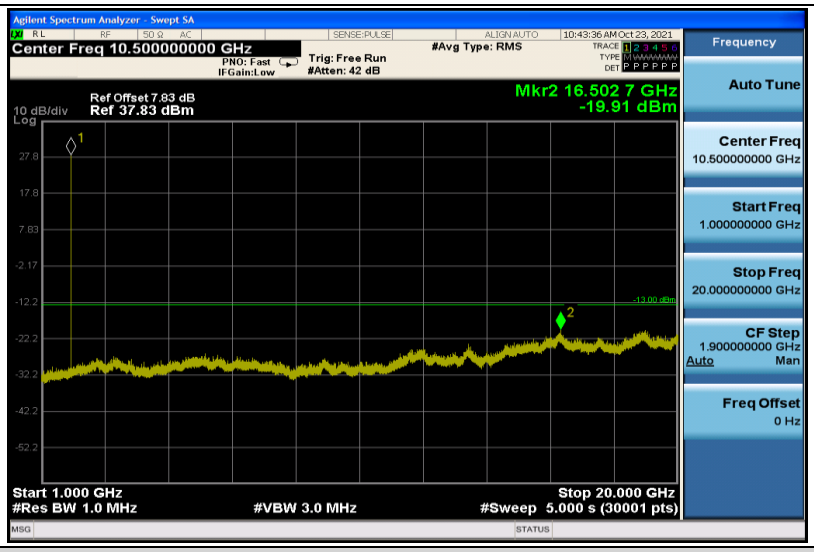

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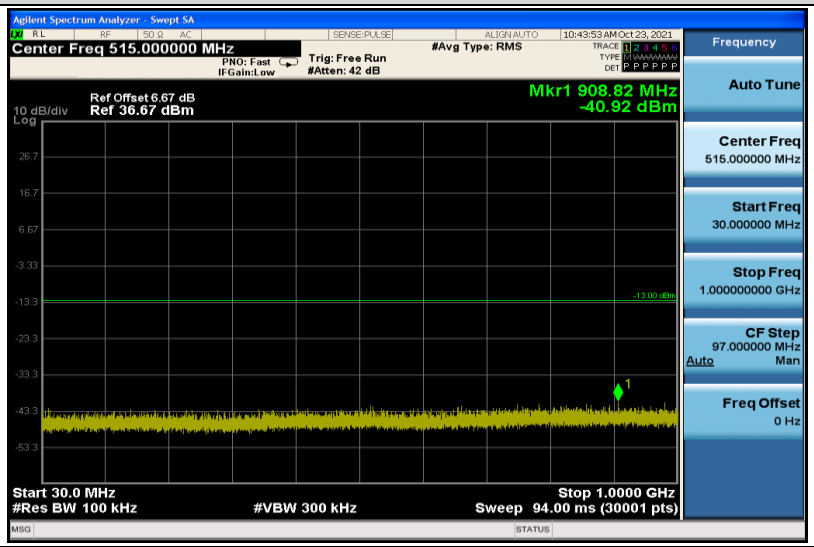

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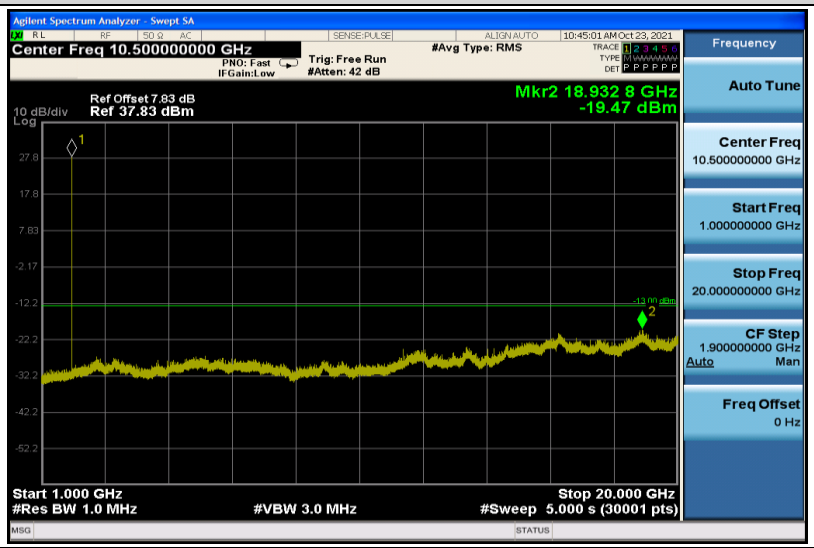

EGPRS1900-810-1000~20000

8.6 Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	4.97	0.006030	2.5	PASS
GSM850	128	VN	TN	6.26	0.007595	2.5	PASS
GSM850	128	VH	TN	5.04	0.006115	2.5	PASS
GSM850	190	VL	TN	10.23	0.012228	2.5	PASS
GSM850	190	VN	TN	5.91	0.007064	2.5	PASS
GSM850	190	VH	TN	8.01	0.009574	2.5	PASS
GSM850	251	VL	TN	13.50	0.015905	2.5	PASS
GSM850	251	VN	TN	10.04	0.011828	2.5	PASS
GSM850	251	VH	TN	8.17	0.009625	2.5	PASS
GPRS850	128	VL	TN	3.81	0.004623	2.5	PASS
GPRS850	128	VN	TN	-0.68	-0.000825	2.5	PASS
GPRS850	128	VH	TN	5.81	0.007049	2.5	PASS
GPRS850	190	VL	TN	5.71	0.006825	2.5	PASS
GPRS850	190	VN	TN	3.52	0.004208	2.5	PASS
GPRS850	190	VH	TN	4.26	0.005092	2.5	PASS
GPRS850	251	VL	TN	7.62	0.008977	2.5	PASS
GPRS850	251	VN	TN	6.01	0.007081	2.5	PASS
GPRS850	251	VH	TN	5.23	0.006162	2.5	PASS
EGPRS850	128	VL	TN	-4.00	-0.004853	2.5	PASS
EGPRS850	128	VN	TN	-1.23	-0.001492	2.5	PASS
EGPRS850	128	VH	TN	1.03	0.001250	2.5	PASS
EGPRS850	190	VL	TN	0.61	0.000729	2.5	PASS
EGPRS850	190	VN	TN	3.36	0.004016	2.5	PASS
EGPRS850	190	VH	TN	-0.65	-0.000777	2.5	PASS
EGPRS850	251	VL	TN	-1.81	-0.002132	2.5	PASS
EGPRS850	251	VN	TN	-3.87	-0.004559	2.5	PASS
EGPRS850	251	VH	TN	9.20	0.010839	2.5	PASS
GSM1900	512	VL	TN	27.38	0.014798	2.5	PASS
GSM1900	512	VN	TN	32.90	0.017782	2.5	PASS
GSM1900	512	VH	TN	29.19	0.015777	2.5	PASS
GSM1900	661	VL	TN	22.47	0.011952	2.5	PASS
GSM1900	661	VN	TN	22.54	0.011989	2.5	PASS
GSM1900	661	VH	TN	21.44	0.011404	2.5	PASS
GSM1900	810	VL	TN	25.31	0.013253	2.5	PASS
GSM1900	810	VN	TN	23.99	0.012562	2.5	PASS

GSM1900	810	VH	TN	27.54	0.014420	2.5	PASS
GPRS1900	512	VL	TN	29.06	0.015706	2.5	PASS
GPRS1900	512	VN	TN	33.61	0.018166	2.5	PASS
GPRS1900	512	VH	TN	40.16	0.021706	2.5	PASS
GPRS1900	661	VL	TN	38.29	0.020367	2.5	PASS
GPRS1900	661	VN	TN	24.92	0.013255	2.5	PASS
GPRS1900	661	VH	TN	34.93	0.018580	2.5	PASS
GPRS1900	810	VL	TN	30.83	0.016143	2.5	PASS
GPRS1900	810	VN	TN	33.00	0.017279	2.5	PASS
GPRS1900	810	VH	TN	31.09	0.016279	2.5	PASS
EGPRS1900	512	VL	TN	13.98	0.007556	2.5	PASS
EGPRS1900	512	VN	TN	18.92	0.010226	2.5	PASS
EGPRS1900	512	VH	TN	16.27	0.008794	2.5	PASS
EGPRS1900	661	VL	TN	21.11	0.011229	2.5	PASS
EGPRS1900	661	VN	TN	16.21	0.008622	2.5	PASS
EGPRS1900	661	VH	TN	12.88	0.006851	2.5	PASS
EGPRS1900	810	VL	TN	16.01	0.008383	2.5	PASS
EGPRS1900	810	VN	TN	20.24	0.010598	2.5	PASS
EGPRS1900	810	VH	TN	23.41	0.012258	2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	7.49	0.009088	2.5	PASS
GSM850	128	VN	-20	4.55	0.005521	2.5	PASS
GSM850	128	VN	-10	5.04	0.006115	2.5	PASS
GSM850	128	VN	0	1.97	0.002390	2.5	PASS
GSM850	128	VN	10	9.30	0.011284	2.5	PASS
GSM850	128	VN	20	4.65	0.005642	2.5	PASS
GSM850	128	VN	30	6.23	0.007559	2.5	PASS
GSM850	128	VN	40	5.07	0.006151	2.5	PASS
GSM850	128	VN	50	9.07	0.011005	2.5	PASS
GSM850	190	VN	-30	8.23	0.009837	2.5	PASS
GSM850	190	VN	-20	9.33	0.011152	2.5	PASS
GSM850	190	VN	-10	9.01	0.010770	2.5	PASS
GSM850	190	VN	0	7.14	0.008535	2.5	PASS
GSM850	190	VN	10	5.29	0.006323	2.5	PASS
GSM850	190	VN	20	10.62	0.012694	2.5	PASS
GSM850	190	VN	30	6.72	0.008033	2.5	PASS
GSM850	190	VN	40	8.65	0.010339	2.5	PASS
GSM850	190	VN	50	5.78	0.006909	2.5	PASS
GSM850	251	VN	-30	8.30	0.009779	2.5	PASS
GSM850	251	VN	-20	8.88	0.010462	2.5	PASS

GSM850	251	VN	-10	13.98	0.016470	2.5	PASS
GSM850	251	VN	0	10.04	0.011828	2.5	PASS
GSM850	251	VN	10	7.72	0.009095	2.5	PASS
GSM850	251	VN	20	6.07	0.007151	2.5	PASS
GSM850	251	VN	30	9.98	0.011758	2.5	PASS
GSM850	251	VN	40	10.78	0.012700	2.5	PASS
GSM850	251	VN	50	7.36	0.008671	2.5	PASS
GPRS850	128	VN	-30	3.58	0.004344	2.5	PASS
GPRS850	128	VN	-20	8.81	0.010689	2.5	PASS
GPRS850	128	VN	-10	7.26	0.008809	2.5	PASS
GPRS850	128	VN	0	6.88	0.008347	2.5	PASS
GPRS850	128	VN	10	8.91	0.010810	2.5	PASS
GPRS850	128	VN	20	6.01	0.007292	2.5	PASS
GPRS850	128	VN	30	7.72	0.009367	2.5	PASS
GPRS850	128	VN	40	5.39	0.006540	2.5	PASS
GPRS850	128	VN	50	12.98	0.015749	2.5	PASS
GPRS850	190	VN	-30	3.42	0.004088	2.5	PASS
GPRS850	190	VN	-20	6.17	0.007375	2.5	PASS
GPRS850	190	VN	-10	1.78	0.002128	2.5	PASS
GPRS850	190	VN	0	7.33	0.008762	2.5	PASS
GPRS850	190	VN	10	2.29	0.002737	2.5	PASS
GPRS850	190	VN	20	4.65	0.005558	2.5	PASS
GPRS850	190	VN	30	5.62	0.006718	2.5	PASS
GPRS850	190	VN	40	7.20	0.008606	2.5	PASS
GPRS850	190	VN	50	9.94	0.011881	2.5	PASS
GPRS850	251	VN	-30	3.55	0.004182	2.5	PASS
GPRS850	251	VN	-20	8.14	0.009590	2.5	PASS
GPRS850	251	VN	-10	5.65	0.006656	2.5	PASS
GPRS850	251	VN	0	7.91	0.009319	2.5	PASS
GPRS850	251	VN	10	4.36	0.005137	2.5	PASS
GPRS850	251	VN	20	4.84	0.005702	2.5	PASS
GPRS850	251	VN	30	3.94	0.004642	2.5	PASS
GPRS850	251	VN	40	17.56	0.020688	2.5	PASS
GPRS850	251	VN	50	12.56	0.014797	2.5	PASS
EGPRS850	128	VN	-30	1.78	0.002160	2.5	PASS
EGPRS850	128	VN	-20	1.45	0.001759	2.5	PASS
EGPRS850	128	VN	-10	2.10	0.002548	2.5	PASS
EGPRS850	128	VN	0	3.84	0.004659	2.5	PASS
EGPRS850	128	VN	10	3.75	0.004550	2.5	PASS
EGPRS850	128	VN	20	9.27	0.011247	2.5	PASS
EGPRS850	128	VN	30	-0.52	-0.000631	2.5	PASS
EGPRS850	128	VN	40	7.62	0.009245	2.5	PASS

EGPRS850	128	VN	50	9.17	0.011126	2.5	PASS
EGPRS850	190	VN	-30	-1.97	-0.002355	2.5	PASS
EGPRS850	190	VN	-20	-0.84	-0.001004	2.5	PASS
EGPRS850	190	VN	-10	0.55	0.000657	2.5	PASS
EGPRS850	190	VN	0	0.52	0.000622	2.5	PASS
EGPRS850	190	VN	10	-2.65	-0.003168	2.5	PASS
EGPRS850	190	VN	20	-1.71	-0.002044	2.5	PASS
EGPRS850	190	VN	30	-5.91	-0.007064	2.5	PASS
EGPRS850	190	VN	40	3.71	0.004435	2.5	PASS
EGPRS850	190	VN	50	4.71	0.005630	2.5	PASS
EGPRS850	251	VN	-30	0.36	0.000424	2.5	PASS
EGPRS850	251	VN	-20	4.33	0.005101	2.5	PASS
EGPRS850	251	VN	-10	5.04	0.005938	2.5	PASS
EGPRS850	251	VN	0	-0.55	-0.000648	2.5	PASS
EGPRS850	251	VN	10	1.74	0.002050	2.5	PASS
EGPRS850	251	VN	20	-3.75	-0.004418	2.5	PASS
EGPRS850	251	VN	30	4.71	0.005549	2.5	PASS
EGPRS850	251	VN	40	2.07	0.002439	2.5	PASS
EGPRS850	251	VN	50	2.29	0.002698	2.5	PASS
GSM1900	512	VN	-30	28.25	0.015269	2.5	PASS
GSM1900	512	VN	-20	30.19	0.016317	2.5	PASS
GSM1900	512	VN	-10	30.45	0.016458	2.5	PASS
GSM1900	512	VN	0	26.28	0.014204	2.5	PASS
GSM1900	512	VN	10	30.12	0.016279	2.5	PASS
GSM1900	512	VN	20	25.47	0.013766	2.5	PASS
GSM1900	512	VN	30	17.79	0.009615	2.5	PASS
GSM1900	512	VN	40	15.82	0.008550	2.5	PASS
GSM1900	512	VN	50	15.34	0.008291	2.5	PASS
GSM1900	661	VN	-30	22.02	0.011713	2.5	PASS
GSM1900	661	VN	-20	24.02	0.012777	2.5	PASS
GSM1900	661	VN	-10	26.80	0.014255	2.5	PASS
GSM1900	661	VN	0	23.08	0.012277	2.5	PASS
GSM1900	661	VN	10	27.60	0.014681	2.5	PASS
GSM1900	661	VN	20	17.89	0.009516	2.5	PASS
GSM1900	661	VN	30	20.89	0.011112	2.5	PASS
GSM1900	661	VN	40	20.37	0.010835	2.5	PASS
GSM1900	661	VN	50	22.92	0.012191	2.5	PASS
GSM1900	810	VN	-30	29.51	0.015452	2.5	PASS
GSM1900	810	VN	-20	29.93	0.015672	2.5	PASS
GSM1900	810	VN	-10	26.86	0.014064	2.5	PASS
GSM1900	810	VN	0	24.86	0.013017	2.5	PASS
GSM1900	810	VN	10	25.51	0.013357	2.5	PASS

GSM1900	810	VN	20	20.08	0.010514	2.5	PASS
GSM1900	810	VN	30	21.83	0.011431	2.5	PASS
GSM1900	810	VN	40	20.86	0.010923	2.5	PASS
GSM1900	810	VN	50	22.63	0.011849	2.5	PASS
GPRS1900	512	VN	-30	36.74	0.019857	2.5	PASS
GPRS1900	512	VN	-20	35.26	0.019057	2.5	PASS
GPRS1900	512	VN	-10	30.25	0.016350	2.5	PASS
GPRS1900	512	VN	0	35.42	0.019144	2.5	PASS
GPRS1900	512	VN	10	32.48	0.017555	2.5	PASS
GPRS1900	512	VN	20	39.94	0.021587	2.5	PASS
GPRS1900	512	VN	30	37.48	0.020257	2.5	PASS
GPRS1900	512	VN	40	65.60	0.035456	2.5	PASS
GPRS1900	512	VN	50	63.22	0.034169	2.5	PASS
GPRS1900	661	VN	-30	28.35	0.015080	2.5	PASS
GPRS1900	661	VN	-20	32.09	0.017069	2.5	PASS
GPRS1900	661	VN	-10	31.12	0.016553	2.5	PASS
GPRS1900	661	VN	0	34.13	0.018154	2.5	PASS
GPRS1900	661	VN	10	27.80	0.014787	2.5	PASS
GPRS1900	661	VN	20	28.54	0.015181	2.5	PASS
GPRS1900	661	VN	30	32.54	0.017309	2.5	PASS
GPRS1900	661	VN	40	51.50	0.027394	2.5	PASS
GPRS1900	661	VN	50	54.05	0.028750	2.5	PASS
GPRS1900	810	VN	-30	27.06	0.014169	2.5	PASS
GPRS1900	810	VN	-20	30.61	0.016028	2.5	PASS
GPRS1900	810	VN	-10	30.83	0.016143	2.5	PASS
GPRS1900	810	VN	0	25.99	0.013609	2.5	PASS
GPRS1900	810	VN	10	26.12	0.013677	2.5	PASS
GPRS1900	810	VN	20	25.67	0.013441	2.5	PASS
GPRS1900	810	VN	30	29.44	0.015415	2.5	PASS
GPRS1900	810	VN	40	40.29	0.021096	2.5	PASS
GPRS1900	810	VN	50	42.65	0.022332	2.5	PASS
EGPRS1900	512	VN	-30	19.37	0.010469	2.5	PASS
EGPRS1900	512	VN	-20	20.24	0.010939	2.5	PASS
EGPRS1900	512	VN	-10	20.50	0.011080	2.5	PASS
EGPRS1900	512	VN	0	21.83	0.011799	2.5	PASS
EGPRS1900	512	VN	10	17.69	0.009561	2.5	PASS
EGPRS1900	512	VN	20	24.15	0.013053	2.5	PASS
EGPRS1900	512	VN	30	19.86	0.010734	2.5	PASS
EGPRS1900	512	VN	40	40.91	0.022111	2.5	PASS
EGPRS1900	512	VN	50	39.68	0.021446	2.5	PASS
EGPRS1900	661	VN	-30	13.53	0.007197	2.5	PASS
EGPRS1900	661	VN	-20	19.27	0.010250	2.5	PASS

EGPRS1900	661	VN	-10	11.46	0.006096	2.5	PASS
EGPRS1900	661	VN	0	12.07	0.006420	2.5	PASS
EGPRS1900	661	VN	10	19.31	0.010271	2.5	PASS
EGPRS1900	661	VN	20	17.43	0.009271	2.5	PASS
EGPRS1900	661	VN	30	24.60	0.013085	2.5	PASS
EGPRS1900	661	VN	40	32.58	0.017330	2.5	PASS
EGPRS1900	661	VN	50	28.64	0.015234	2.5	PASS
EGPRS1900	810	VN	-30	20.40	0.010682	2.5	PASS
EGPRS1900	810	VN	-20	23.67	0.012394	2.5	PASS
EGPRS1900	810	VN	-10	18.50	0.009687	2.5	PASS
EGPRS1900	810	VN	0	18.92	0.009907	2.5	PASS
EGPRS1900	810	VN	10	18.47	0.009671	2.5	PASS
EGPRS1900	810	VN	20	18.47	0.009671	2.5	PASS
EGPRS1900	810	VN	30	9.01	0.004718	2.5	PASS
EGPRS1900	810	VN	40	23.34	0.012221	2.5	PASS
EGPRS1900	810	VN	50	30.99	0.016227	2.5	PASS

8.7 Appendix G: ERP and EIRP

Test Result

FCC

Band	Mode	Conducted Power (dBm)	Antenna Gain (dBi)	ERP		Limit (W)	Verdict
				(dBm)	(W)		
GSM850	GSM	32.27	-1.50	28.62	0.7278	7	PASS
	GPRS	32.25	-1.50	28.60	0.7244	7	PASS
	EGPRS	25.91	-1.50	22.26	0.1683	7	PASS

Band	Mode	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP		Limit (W)	Verdict
				(dBm)	(W)		
GSM1900	GSM	29.35	-1.20	28.15	0.6531	2	PASS
	GPRS	29.10	-1.20	27.90	0.6166	2	PASS
	EGPRS	25.49	-1.20	24.29	0.2685	2	PASS

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