

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
GSM1900	512	29.18	26.67	33	PASS
GSM1900	661	29.58	27.07	33	PASS
GSM1900	810	29.72	27.21	33	PASS

Band	Channel	Up Slot Num	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
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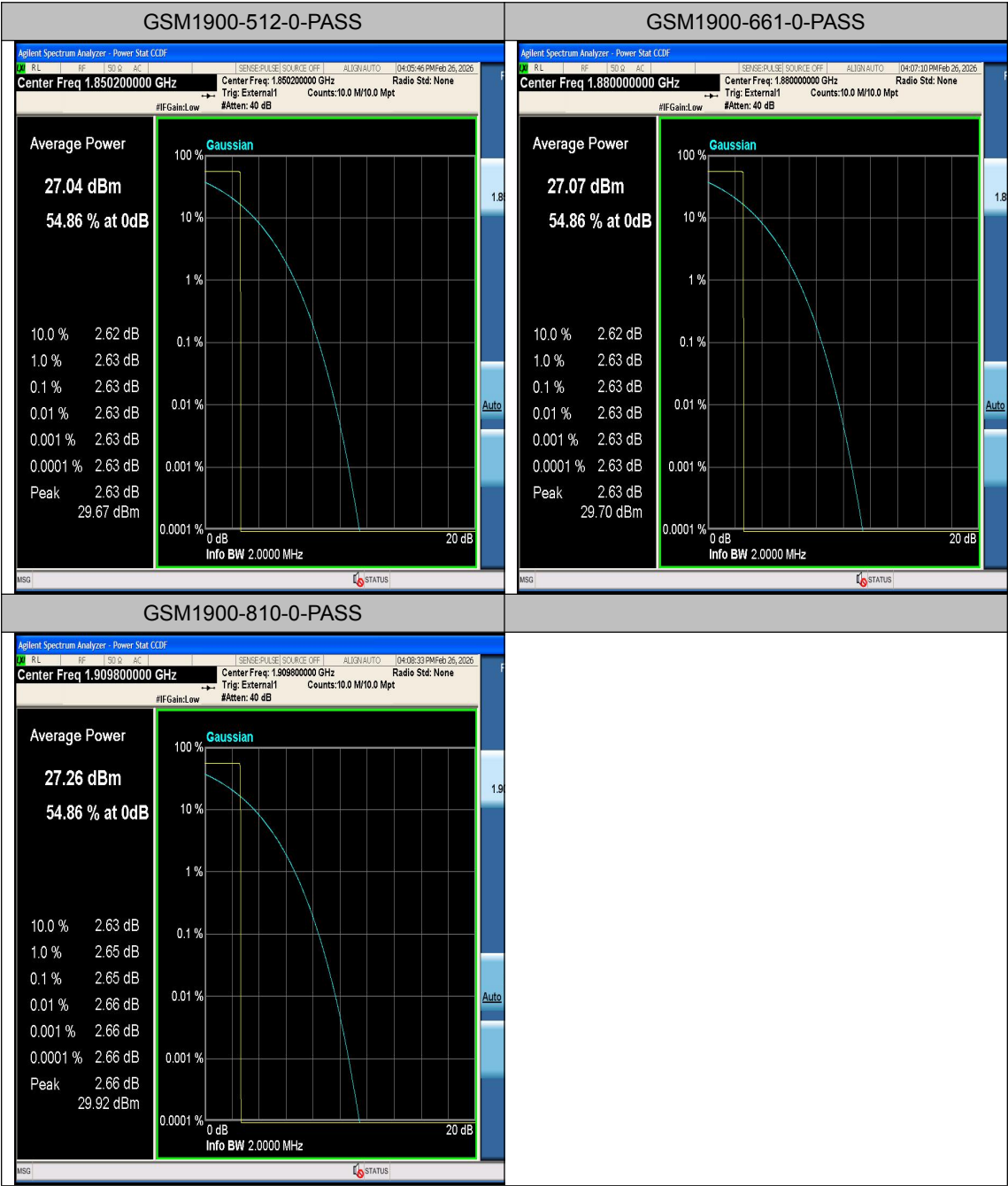
Band	Channel	Up Slot Num	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
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Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM1900	512	2.63	13	PASS
GSM1900	661	2.63	13	PASS
GSM1900	810	2.65	13	PASS

Test Graphs

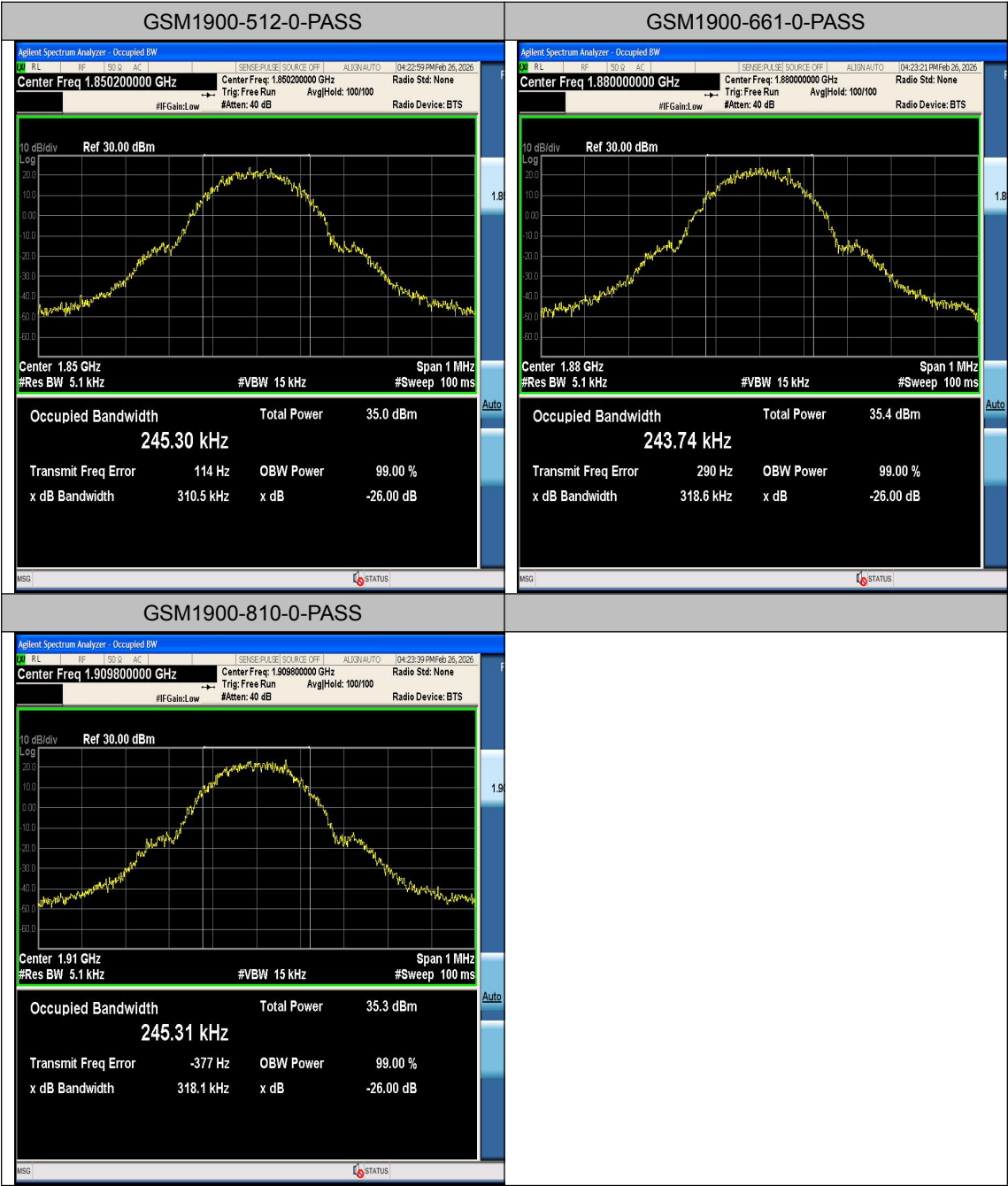


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM1900	512	0.24530	0.3105	---	PASS
GSM1900	661	0.24374	0.3186	---	PASS
GSM1900	810	0.24531	0.3181	---	PASS

Test Graphs

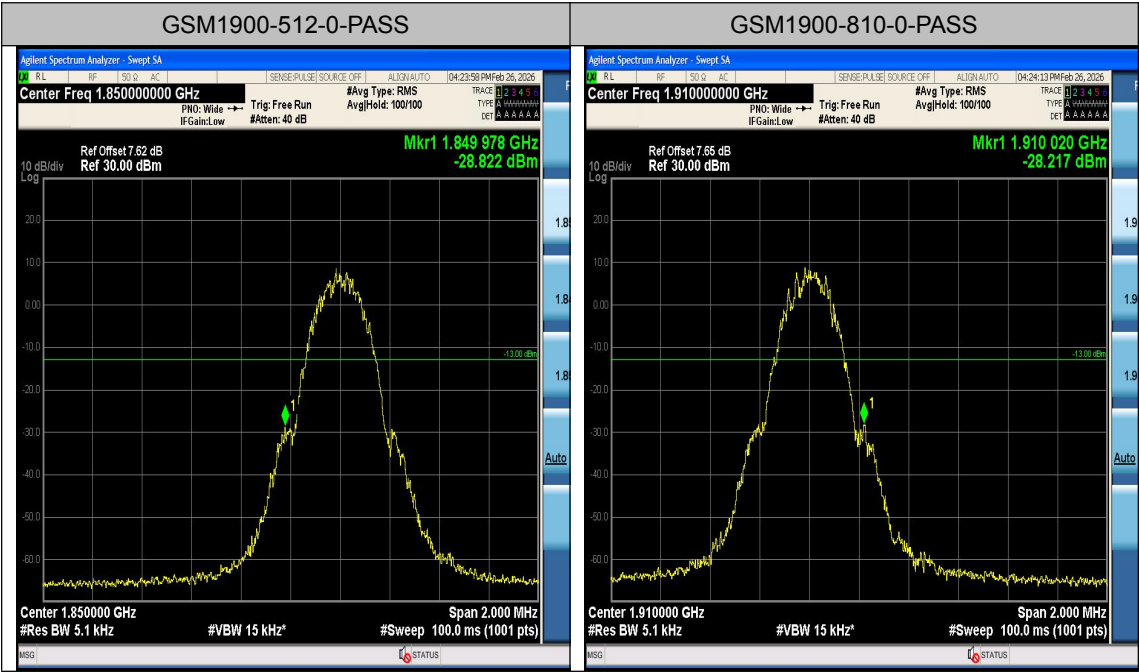


Appendix D: Band Edge

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM1900	512	1849.98	-28.82	-13	PASS
GSM1900	810	1910.02	-28.22	-13	PASS

Test Graphs

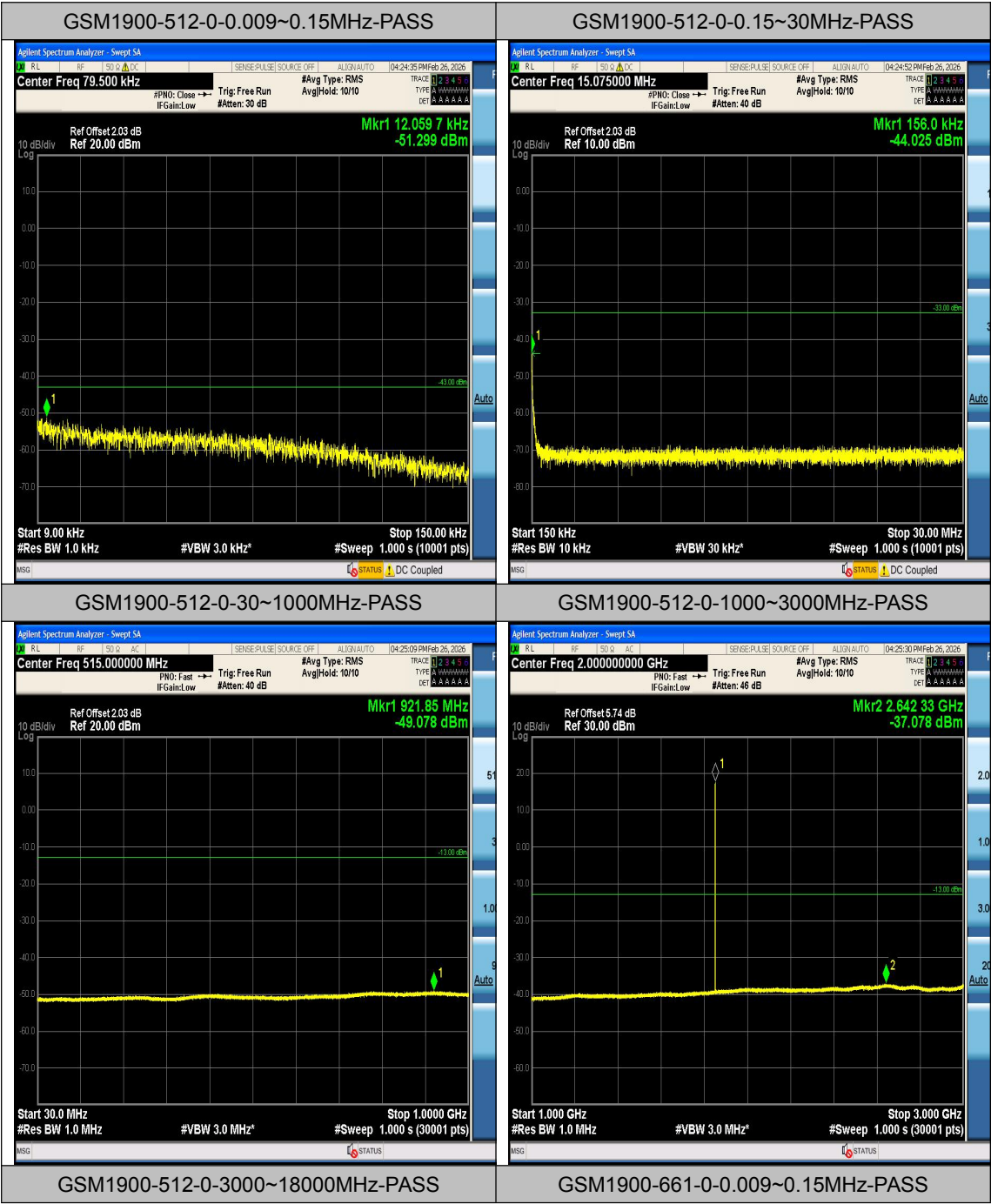


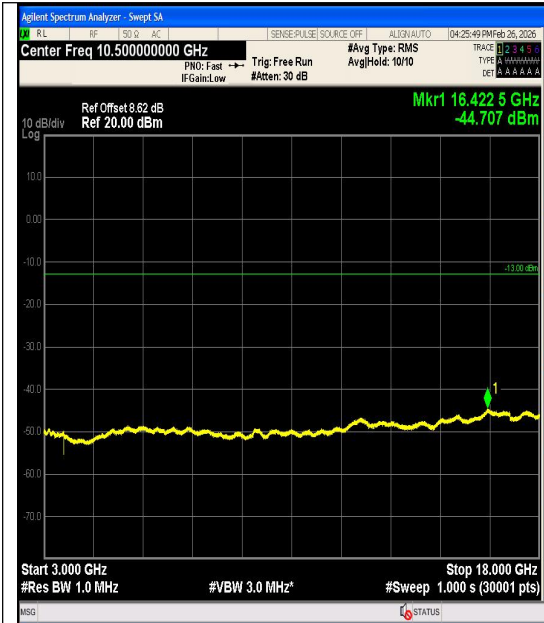
Appendix E: Conducted Spurious Emission

Test Result

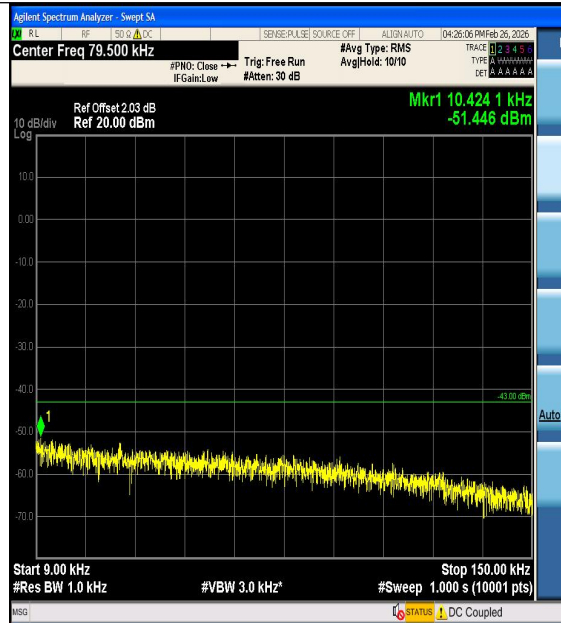
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM1900	512	0.009~0.15MHz	0.01	-51.3	-43	PASS
GSM1900	512	0.15~30MHz	0.16	-44.03	-33	PASS
GSM1900	512	30~1000MHz	921.85	-49.08	-13	PASS
GSM1900	512	1000~3000MHz	2642.33	-37.08	-13	PASS
GSM1900	512	3000~18000MHz	16422.5	-44.71	-13	PASS
GSM1900	661	0.009~0.15MHz	0.01	-51.45	-43	PASS
GSM1900	661	0.15~30MHz	0.15	-45.27	-33	PASS
GSM1900	661	30~1000MHz	918.68	-49.2	-13	PASS
GSM1900	661	1000~3000MHz	2638.8	-37.16	-13	PASS
GSM1900	661	3000~18000MHz	16429	-44.57	-13	PASS
GSM1900	810	0.009~0.15MHz	0.01	-51.04	-43	PASS
GSM1900	810	0.15~30MHz	0.15	-45.66	-33	PASS
GSM1900	810	30~1000MHz	934.59	-49.13	-13	PASS
GSM1900	810	1000~3000MHz	2639.73	-37.09	-13	PASS
GSM1900	810	3000~18000MHz	16428	-44.6	-13	PASS

Test Graphs

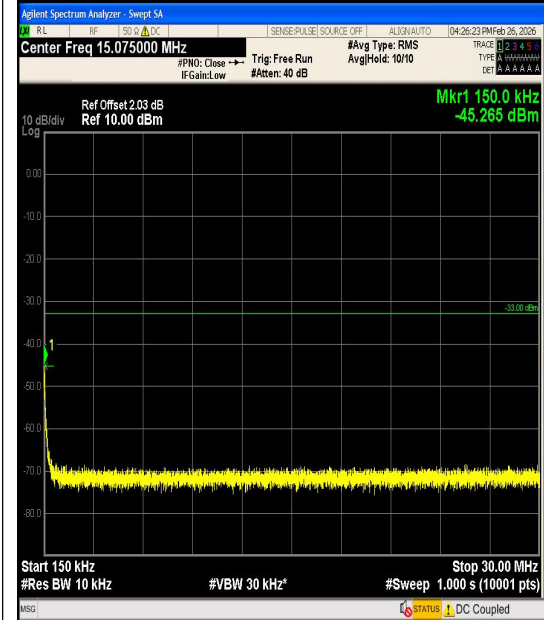




GSM1900-661-0-0.15~30MHz-PASS



GSM1900-661-0-30~1000MHz-PASS



GSM1900-661-0-1000~3000MHz-PASS



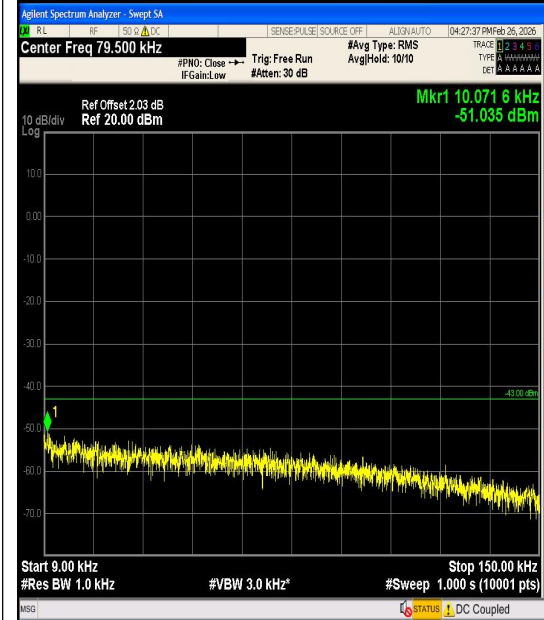
GSM1900-661-0-3000~18000MHz-PASS



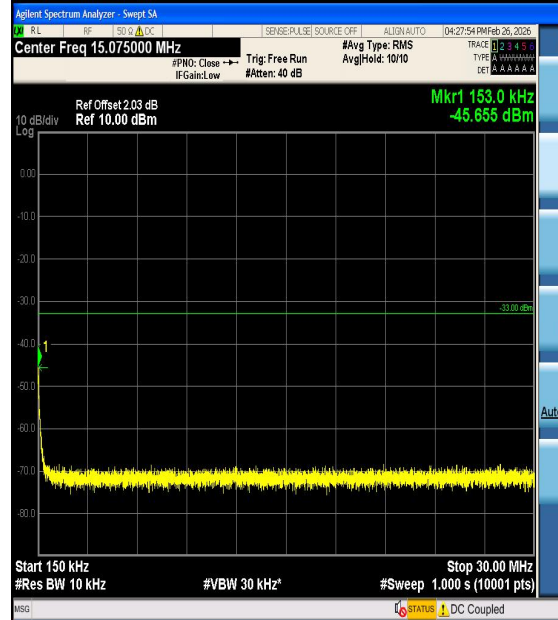
GSM1900-810-0-0.009~0.15MHz-PASS



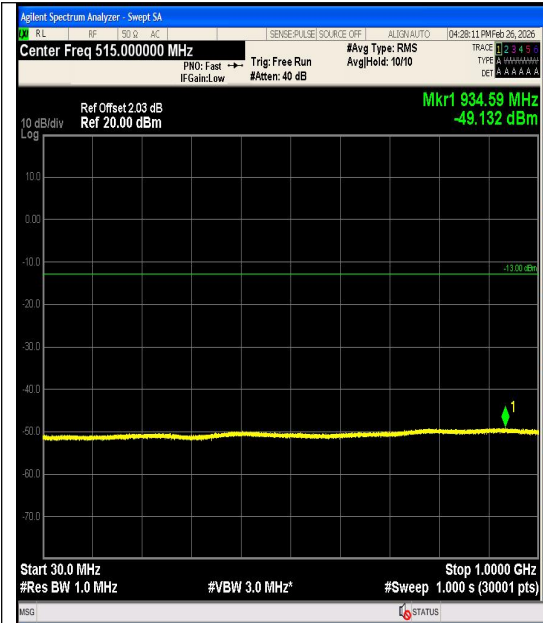
GSM1900-810-0-0.15~30MHz-PASS



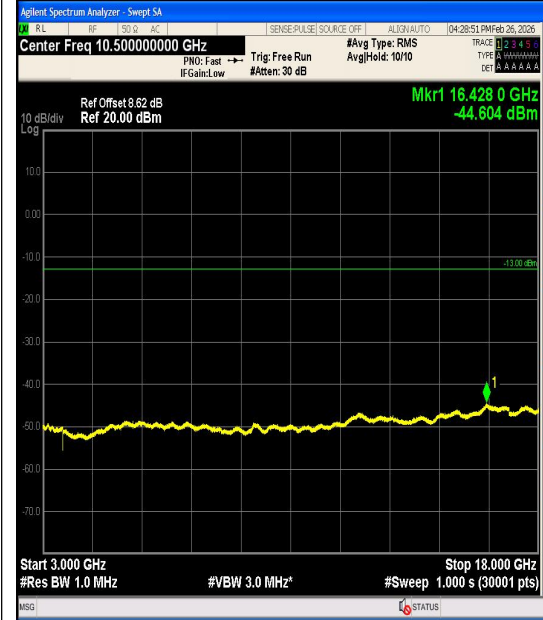
GSM1900-810-0-30~1000MHz-PASS



GSM1900-810-0-1000~3000MHz-PASS



GSM1900-810-0-3000~18000MHz-PASS



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM1900	512	VN	NT	14.40	0.007783	±2.5	PASS
GSM1900	512	VL	NT	10.04	0.005426	±2.5	PASS
GSM1900	512	VH	NT	12.59	0.006805	±2.5	PASS
GSM1900	661	VN	NT	13.20	0.007021	±2.5	PASS
GSM1900	661	VL	NT	12.20	0.006489	±2.5	PASS
GSM1900	661	VH	NT	8.14	0.004330	±2.5	PASS
GSM1900	810	VN	NT	8.23	0.004309	±2.5	PASS
GSM1900	810	VL	NT	21.50	0.011258	±2.5	PASS
GSM1900	810	VH	NT	15.72	0.008231	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM1900	512	NV	-30	8.43	0.004556	±2.5	PASS
GSM1900	512	NV	-20	0.42	0.000227	±2.5	PASS
GSM1900	512	NV	-10	-0.71	-0.000384	±2.5	PASS
GSM1900	512	NV	0	0.58	0.000313	±2.5	PASS
GSM1900	512	NV	10	0.16	0.000086	±2.5	PASS
GSM1900	512	NV	20	-0.94	-0.000508	±2.5	PASS
GSM1900	512	NV	30	-1.65	-0.000892	±2.5	PASS
GSM1900	512	NV	40	4.84	0.002616	±2.5	PASS
GSM1900	512	NV	50	7.43	0.004016	±2.5	PASS
GSM1900	661	NV	-30	9.75	0.005186	±2.5	PASS
GSM1900	661	NV	-20	12.75	0.006782	±2.5	PASS
GSM1900	661	NV	-10	-1.84	-0.000979	±2.5	PASS
GSM1900	661	NV	0	2.91	0.001548	±2.5	PASS
GSM1900	661	NV	10	-2.00	-0.001064	±2.5	PASS
GSM1900	661	NV	20	3.23	0.001718	±2.5	PASS
GSM1900	661	NV	30	-1.42	-0.000755	±2.5	PASS
GSM1900	661	NV	40	-0.48	-0.000255	±2.5	PASS
GSM1900	661	NV	50	-2.74	-0.001457	±2.5	PASS
GSM1900	810	NV	-30	18.79	0.009839	±2.5	PASS
GSM1900	810	NV	-20	18.82	0.009854	±2.5	PASS
GSM1900	810	NV	-10	10.33	0.005409	±2.5	PASS

GSM1900	810	NV	0	14.82	0.007760	±2.5	PASS
GSM1900	810	NV	10	10.43	0.005461	±2.5	PASS
GSM1900	810	NV	20	9.52	0.004985	±2.5	PASS
GSM1900	810	NV	30	14.11	0.007388	±2.5	PASS
GSM1900	810	NV	40	13.75	0.007200	±2.5	PASS
GSM1900	810	NV	50	11.27	0.005901	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
GSM1900	512	PASS	PASS
GSM1900	661	PASS	PASS
GSM1900	810	PASS	PASS

Test Graphs

