



Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Slot	Power(dBm)	ERP(dBm) or EIRP(dBm)	Limit(dBm)	Verdict
GPRS850	128	1	31.01	31.54	38.45	PASS
GPRS850	190	1	31.64	32.17	38.45	PASS
GPRS850	251	1	31.60	32.13	38.45	PASS
GPRS850	128	2	30.33	30.86	38.45	PASS
GPRS850	190	2	30.92	31.45	38.45	PASS
GPRS850	251	2	30.90	31.43	38.45	PASS
GPRS850	128	3	28.75	29.28	38.45	PASS
GPRS850	190	3	29.52	30.05	38.45	PASS
GPRS850	251	3	29.69	30.22	38.45	PASS
GPRS850	128	4	27.46	27.99	38.45	PASS
GPRS850	190	4	28.39	28.92	38.45	PASS
GPRS850	251	4	28.43	28.96	38.45	PASS
GPRS1900	512	1	29.65	30.81	33.00	PASS
GPRS1900	661	1	29.84	31.00	33.00	PASS
GPRS1900	810	1	29.32	30.48	33.00	PASS
GPRS1900	512	2	29.11	30.27	33.00	PASS
GPRS1900	661	2	29.37	30.53	33.00	PASS
GPRS1900	810	2	28.96	30.12	33.00	PASS
GPRS1900	512	3	26.62	27.78	33.00	PASS
GPRS1900	661	3	27.20	28.36	33.00	PASS
GPRS1900	810	3	26.92	28.08	33.00	PASS
GPRS1900	512	4	25.30	26.46	33.00	PASS
GPRS1900	661	4	25.92	27.08	33.00	PASS
GPRS1900	810	4	25.78	26.94	33.00	PASS

$EIRP = PT + GT - LC$, $ERP = EIRP - 2.15$, where

PT = Conducted output power(dBm);

GT = gain of the transmitting antenna(dBi);



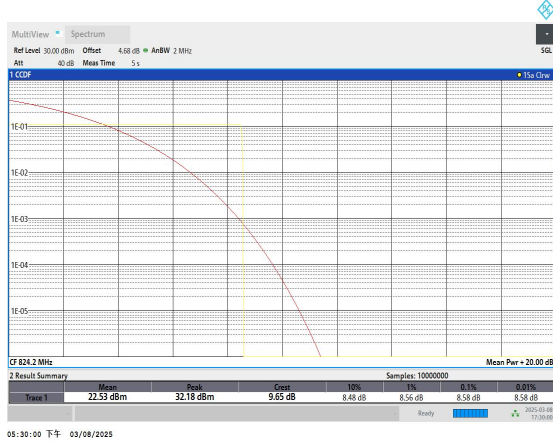
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

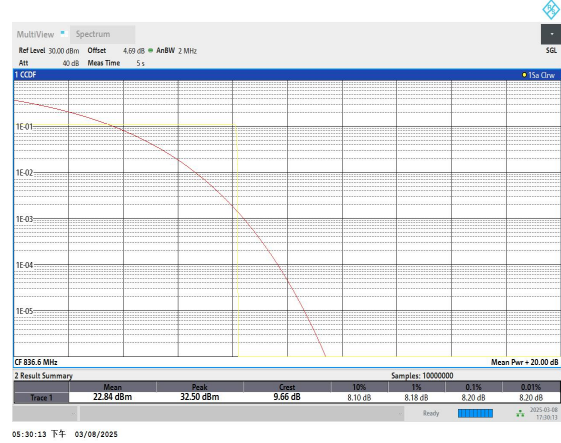
Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS850	128	8.58	13	PASS
GPRS850	190	8.20	13	PASS
GPRS850	251	8.10	13	PASS
GPRS1900	512	9.78	13	PASS
GPRS1900	661	9.78	13	PASS
GPRS1900	810	9.80	13	PASS



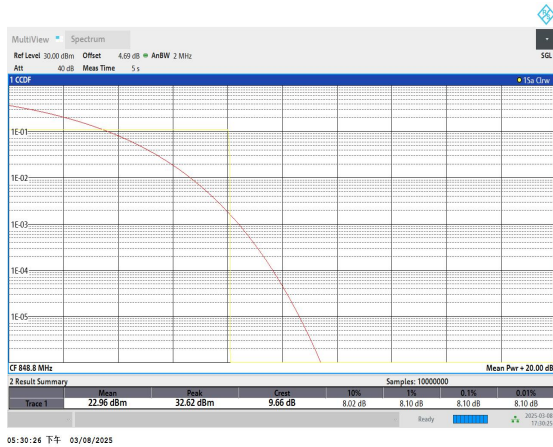
Test Graphs



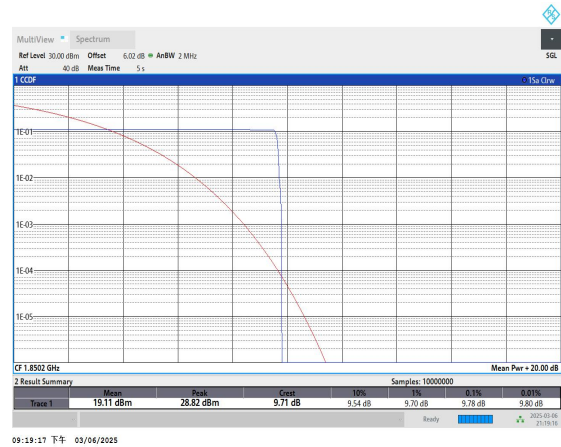
GPRS850-128-5-PASS



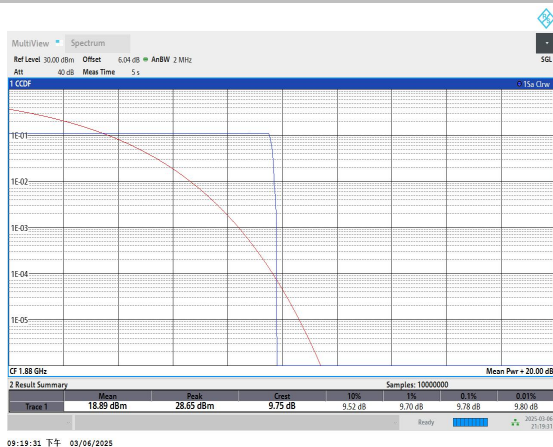
GPRS850-190-5-PASS



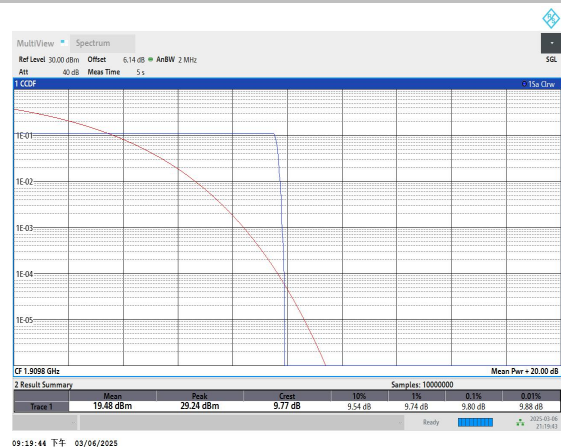
GPRS850-251-5-PASS



GPRS1900-512-0-PASS



GPRS1900-661-0-PASS



GPRS1900-810-0-PASS



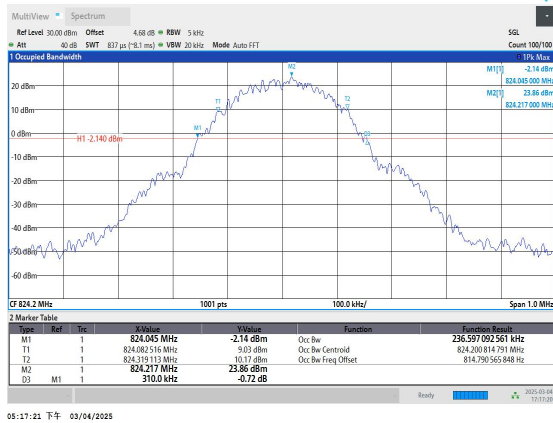
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS850	128	0.237	0.31	---	PASS
GPRS850	190	0.241	0.31	---	PASS
GPRS850	251	0.239	0.30	---	PASS
GPRS1900	512	0.233	0.29	---	PASS
GPRS1900	661	0.239	0.31	---	PASS
GPRS1900	810	0.236	0.29	---	PASS

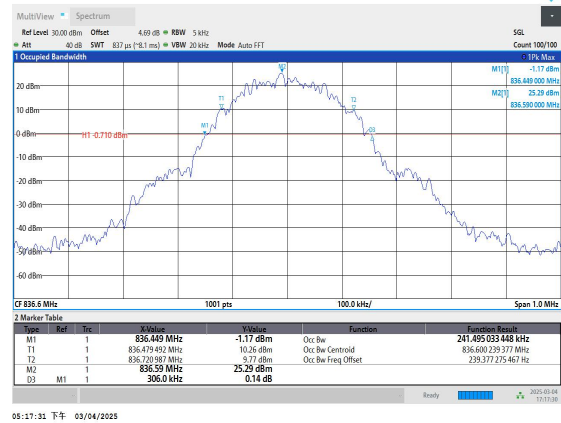


Test Graphs



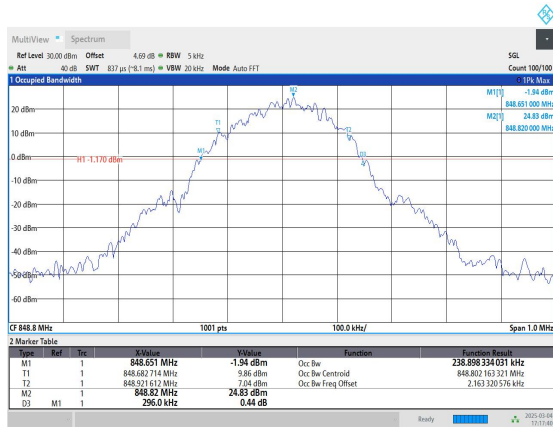
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GPRS850-128-5-PASS



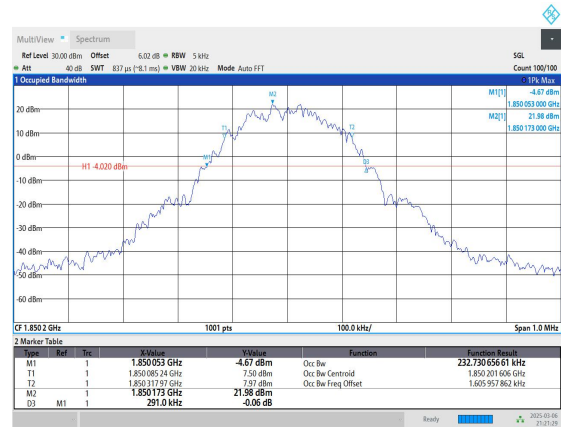
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GPRS850-190-5-PASS



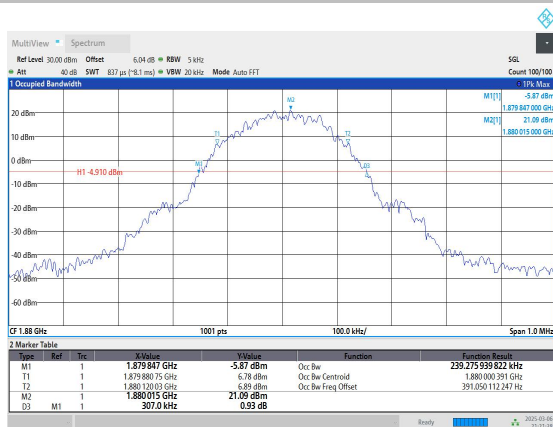
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GPRS850-251-5-PASS



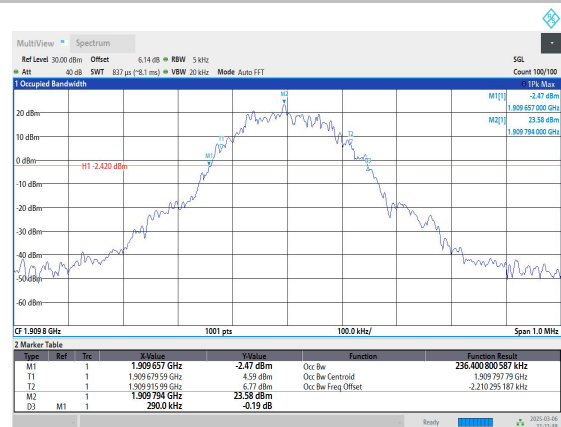
09:21:30 下午 03/06/2025

GPRS1900-512-0-PASS



09:21:39 下午 03/06/2025

GPRS1900-661-0-PASS



09:21:49 下午 03/06/2025

GPRS1900-810-0-PASS



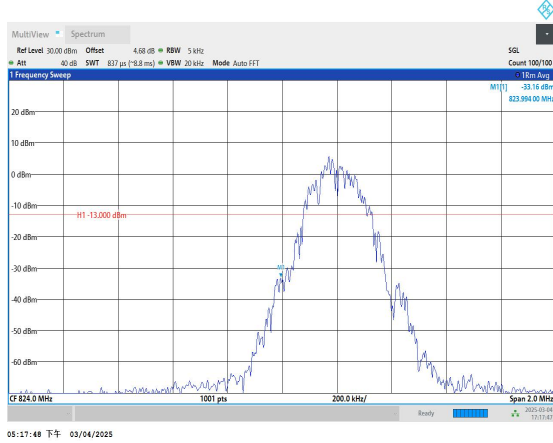
Appendix D: Band Edge

Test Result

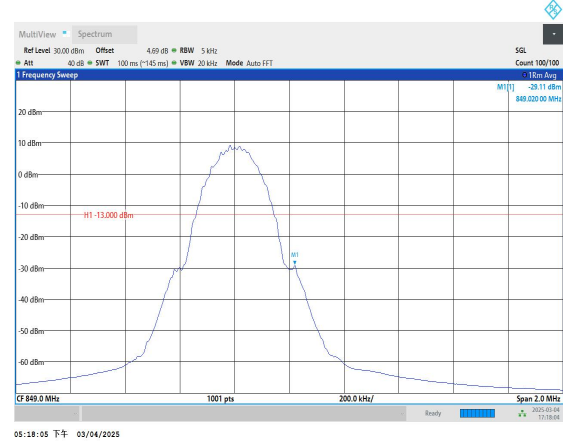
Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GPRS850	128	823.99	-33.16	-13	PASS
GPRS850	251	849.02	-29.11	-13	PASS
GPRS1900	512	1849.98	-31.68	-13	PASS
GPRS1900	810	1910.02	-31.85	-13	PASS



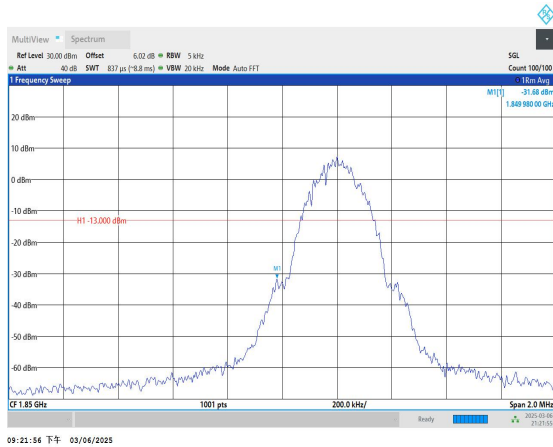
Test Graphs



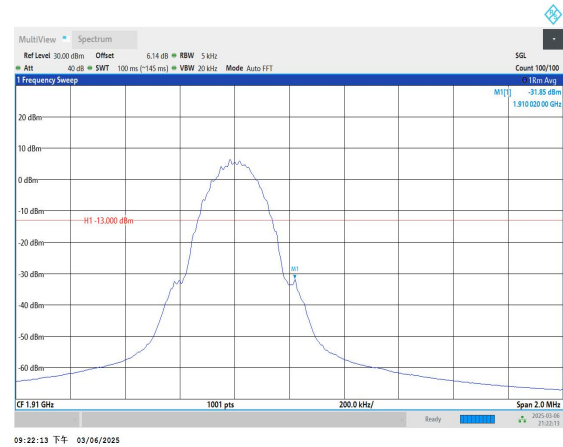
GPRS850-128-5-PASS



GPRS850-251-5-PASS



GPRS1900-512-0-PASS



GPRS1900-810-0-PASS



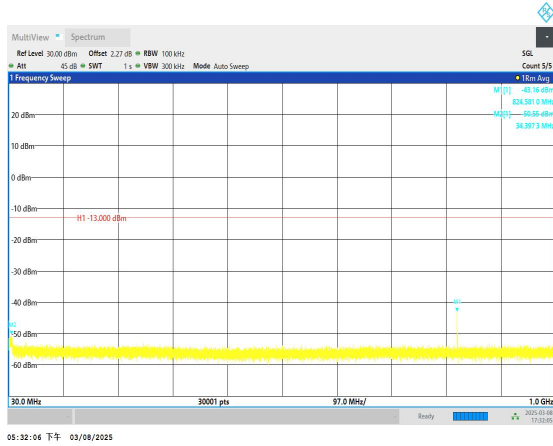
Appendix E: Conducted Spurious Emission

Test Result

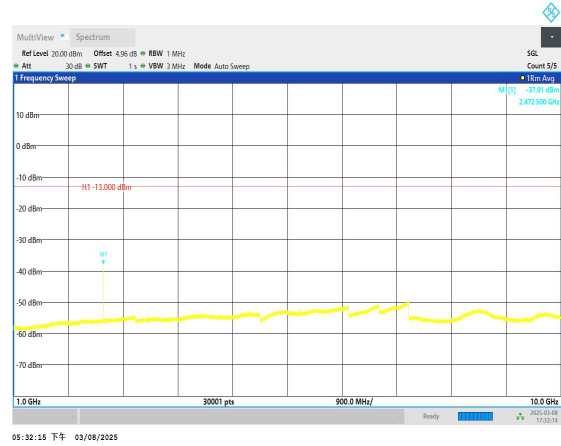
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS850	128	30~1000MHz	34.4	-50.55	-13	PASS
GPRS850	128	1000~10000MHz	2472.5	-37.91	-13	PASS
GPRS850	190	30~1000MHz	30.84	-50.13	-13	PASS
GPRS850	190	1000~10000MHz	2509.7	-32.42	-13	PASS
GPRS850	251	30~1000MHz	35.11	-50.73	-13	PASS
GPRS850	251	1000~10000MHz	2546.3	-33	-13	PASS
GPRS1900	512	30~1000MHz	35.93	-46.47	-13	PASS
GPRS1900	512	1000~3000MHz	2970.33	-39.21	-13	PASS
GPRS1900	512	3000~18000MHz	7493.6	-47.52	-13	PASS
GPRS1900	512	18000~20000MHz	186574.11	-39.49	-13	PASS
GPRS1900	661	30~1000MHz	34.09	-46.71	-13	PASS
GPRS1900	661	1000~3000MHz	2998.93	-39.46	-13	PASS
GPRS1900	661	3000~18000MHz	7498.1	-47.44	-13	PASS
GPRS1900	661	18000~20000MHz	186606.11	-39.67	-13	PASS
GPRS1900	810	30~1000MHz	35.13	-46.8	-13	PASS
GPRS1900	810	1000~3000MHz	2992.87	-39.25	-13	PASS
GPRS1900	810	3000~18000MHz	7495.6	-47.71	-13	PASS
GPRS1900	810	18000~20000MHz	186400.12	-39.62	-13	PASS



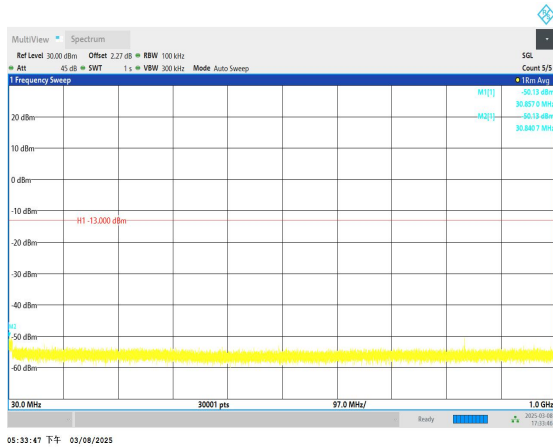
Test Graphs



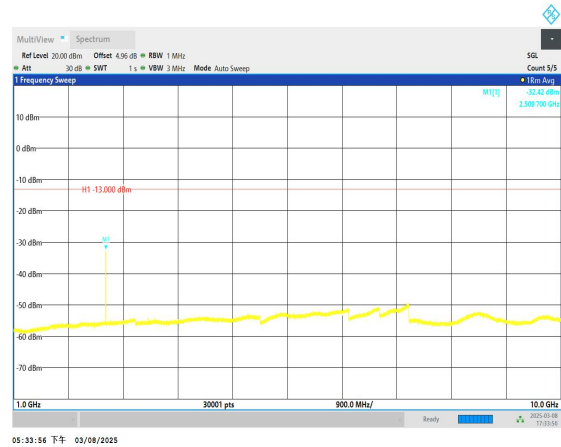
GPRS850-128-5-30~1000MHz-PASS



GPRS850-128-5-1000~10000MHz-PASS



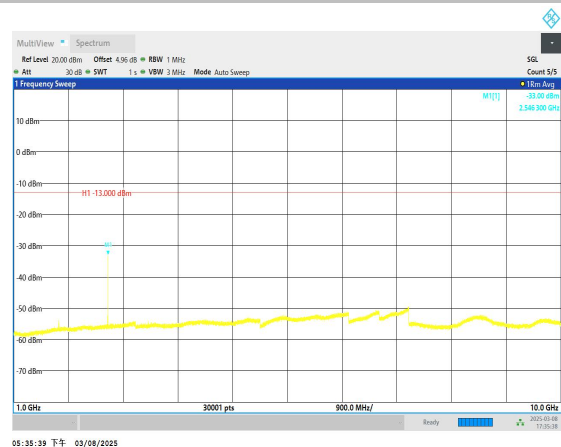
GPRS850-190-5-30~1000MHz-PASS



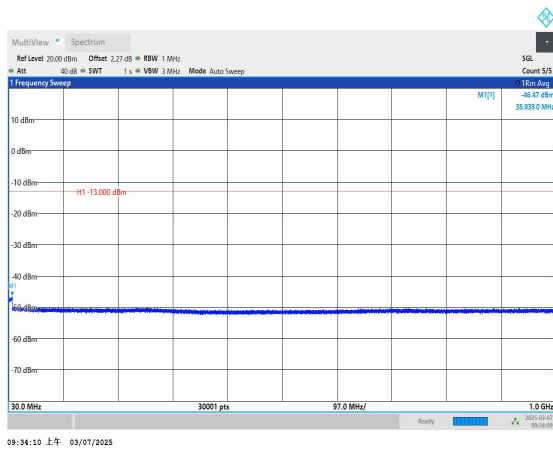
GPRS850-190-5-1000~10000MHz-PASS



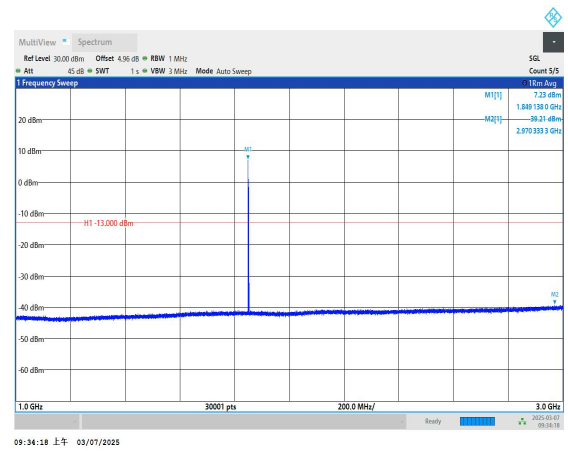
GPRS850-251-5-30~1000MHz-PASS



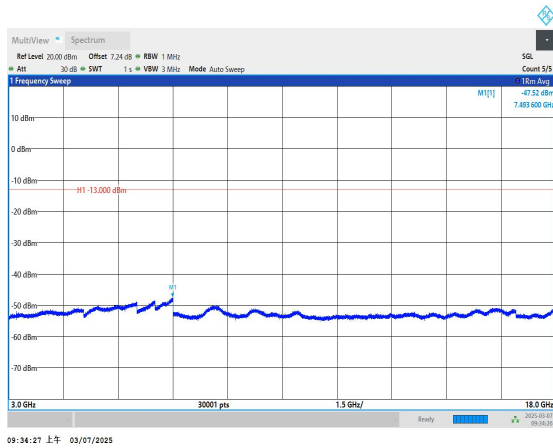
GPRS850-251-5-1000~10000MHz-PASS



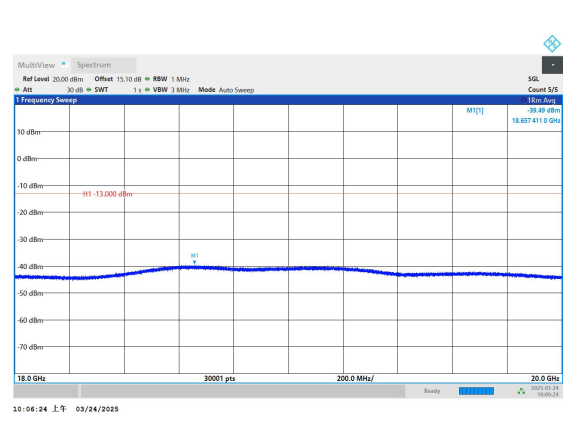
GPRS1900-512-0-30~1000MHz-PASS



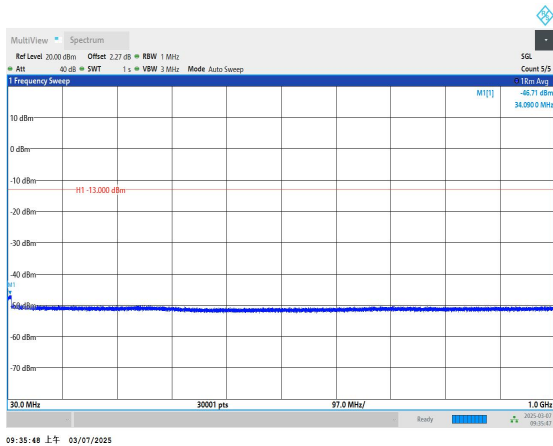
GPRS1900-512-0-1000~3000MHz-PASS



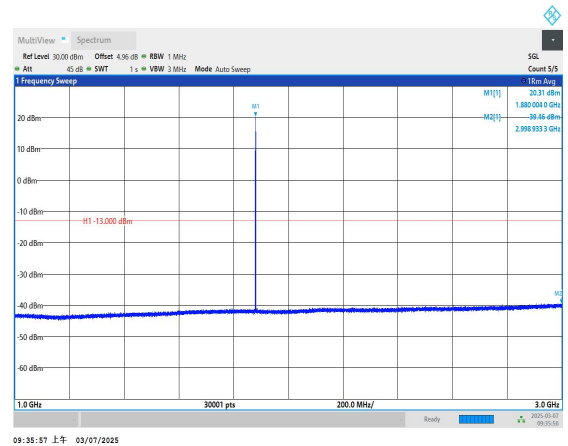
GPRS1900-512-0-3000~18000MHz-PASS



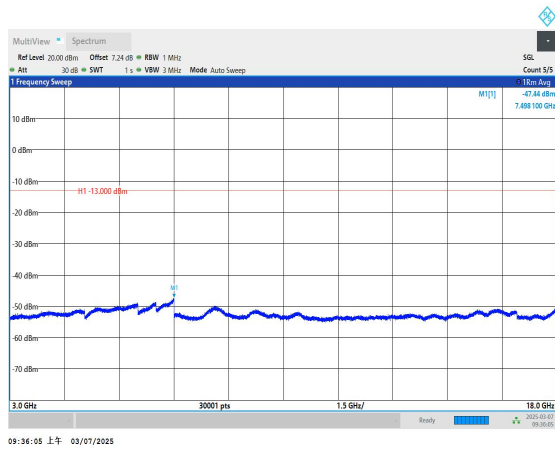
GPRS1900-512-0-18000~20000MHz-PASS



GPRS1900-661-0-30~1000MHz-PASS

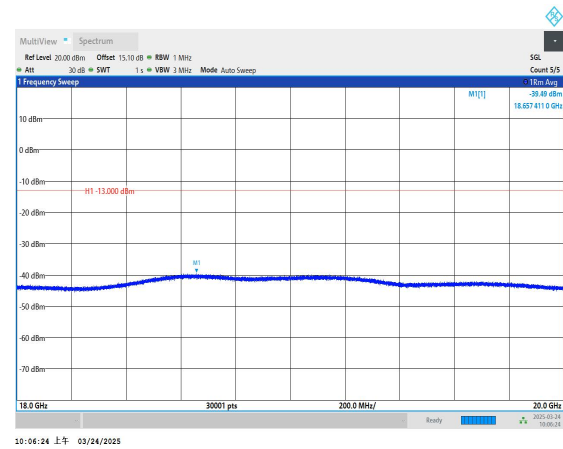


GPRS1900-661-0-1000~3000MHz-PASS



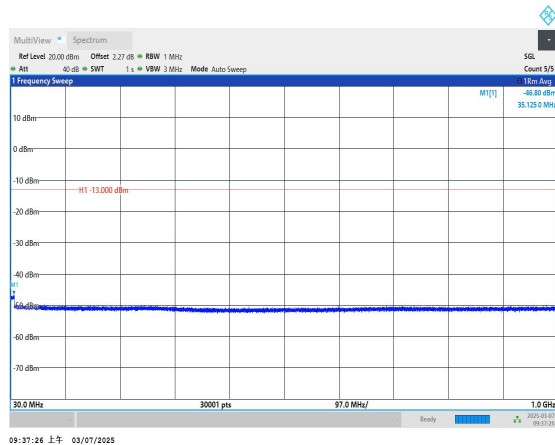
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GPRS1900-661-0-3000~18000MHz-PASS



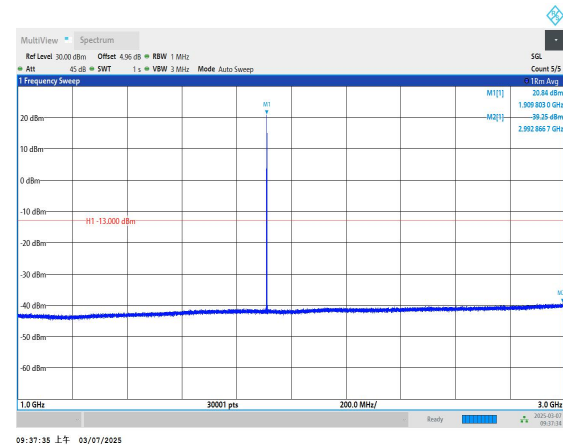
10:06:24 上午 03/24/2025

GPRS1900-661-0-18000~20000MHz-PASS



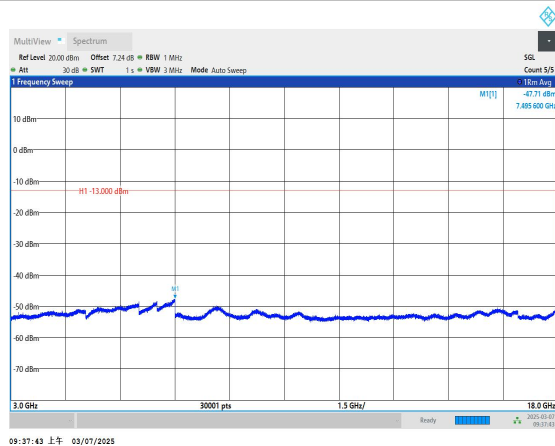
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GPRS1900-810-0-30~1000MHz-PASS



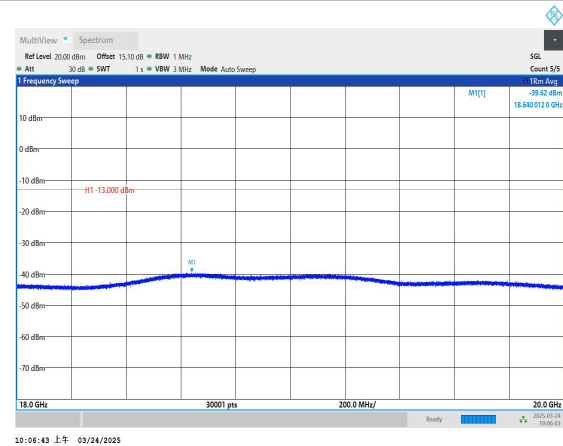
09:37:35 上午 03/07/2025

GPRS1900-810-0-1000~3000MHz-PASS



09:37:43 上午 03/07/2025

GPRS1900-810-0-3000~18000MHz-PASS



10:06:43 上午 03/24/2025

GPRS1900-810-0-18000~20000MHz-PASS



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	VN	NT	-30.04	-0.036447	±2.5	PASS
GPRS850	128	VL	NT	-28.49	-0.034567	±2.5	PASS
GPRS850	128	VH	NT	-29.80	-0.036156	±2.5	PASS
GPRS850	190	VN	NT	-28.12	-0.033612	±2.5	PASS
GPRS850	190	VL	NT	-28.32	-0.033851	±2.5	PASS
GPRS850	190	VH	NT	-27.28	-0.032608	±2.5	PASS
GPRS850	251	VN	NT	-32.27	-0.038018	±2.5	PASS
GPRS850	251	VL	NT	-31.69	-0.037335	±2.5	PASS
GPRS850	251	VH	NT	-32.69	-0.038513	±2.5	PASS
GPRS1900	512	VN	NT	-18.60	-0.010053	±2.5	PASS
GPRS1900	512	VL	NT	-18.08	-0.009772	±2.5	PASS
GPRS1900	512	VH	NT	-19.95	-0.010783	±2.5	PASS
GPRS1900	661	VN	NT	-19.60	-0.010426	±2.5	PASS
GPRS1900	661	VL	NT	-19.37	-0.010303	±2.5	PASS
GPRS1900	661	VH	NT	-20.08	-0.010681	±2.5	PASS
GPRS1900	810	VN	NT	-21.34	-0.011174	±2.5	PASS
GPRS1900	810	VL	NT	-19.60	-0.010263	±2.5	PASS
GPRS1900	810	VH	NT	-19.82	-0.010378	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	128	NV	-30	-30.18	-0.036617	±2.5	PASS
GPRS850	128	NV	-20	-29.96	-0.036350	±2.5	PASS
GPRS850	128	NV	-10	-29.11	-0.035319	±2.5	PASS
GPRS850	128	NV	0	-29.64	-0.035962	±2.5	PASS
GPRS850	128	NV	10	-29.26	-0.035501	±2.5	PASS
GPRS850	128	NV	20	-28.34	-0.034385	±2.5	PASS
GPRS850	128	NV	30	-29.00	-0.035186	±2.5	PASS
GPRS850	128	NV	40	-29.87	-0.036241	±2.5	PASS
GPRS850	128	NV	50	-28.76	-0.034894	±2.5	PASS
GPRS850	190	NV	-30	-26.81	-0.032046	±2.5	PASS



GPRS850	190	NV	-20	-27.80	-0.033230	±2.5	PASS
GPRS850	190	NV	-10	-27.90	-0.033349	±2.5	PASS
GPRS850	190	NV	0	-27.50	-0.032871	±2.5	PASS
GPRS850	190	NV	10	-28.13	-0.033624	±2.5	PASS
GPRS850	190	NV	20	-27.62	-0.033015	±2.5	PASS
GPRS850	190	NV	30	-29.25	-0.034963	±2.5	PASS
GPRS850	190	NV	40	-28.20	-0.033708	±2.5	PASS
GPRS850	190	NV	50	-27.57	-0.032955	±2.5	PASS
GPRS850	251	NV	-30	-32.66	-0.038478	±2.5	PASS
GPRS850	251	NV	-20	-32.51	-0.038301	±2.5	PASS
GPRS850	251	NV	-10	-31.54	-0.037158	±2.5	PASS
GPRS850	251	NV	0	-31.41	-0.037005	±2.5	PASS
GPRS850	251	NV	10	-30.77	-0.036251	±2.5	PASS
GPRS850	251	NV	20	-32.27	-0.038018	±2.5	PASS
GPRS850	251	NV	30	-32.72	-0.038549	±2.5	PASS
GPRS850	251	NV	40	-31.98	-0.037677	±2.5	PASS
GPRS850	251	NV	50	-32.59	-0.038395	±2.5	PASS
GPRS1900	512	NV	-30	-19.05	-0.010296	±2.5	PASS
GPRS1900	512	NV	-20	-19.27	-0.010415	±2.5	PASS
GPRS1900	512	NV	-10	-19.11	-0.010329	±2.5	PASS
GPRS1900	512	NV	0	-20.92	-0.011307	±2.5	PASS
GPRS1900	512	NV	10	-19.18	-0.010366	±2.5	PASS
GPRS1900	512	NV	20	-19.15	-0.010350	±2.5	PASS
GPRS1900	512	NV	30	-19.27	-0.010415	±2.5	PASS
GPRS1900	512	NV	40	-19.15	-0.010350	±2.5	PASS
GPRS1900	512	NV	50	-21.83	-0.011799	±2.5	PASS
GPRS1900	661	NV	-30	-19.98	-0.010628	±2.5	PASS
GPRS1900	661	NV	-20	-18.63	-0.009910	±2.5	PASS
GPRS1900	661	NV	-10	-21.31	-0.011335	±2.5	PASS
GPRS1900	661	NV	0	-19.57	-0.010410	±2.5	PASS
GPRS1900	661	NV	10	-19.44	-0.010340	±2.5	PASS
GPRS1900	661	NV	20	-20.53	-0.010920	±2.5	PASS
GPRS1900	661	NV	30	-19.11	-0.010165	±2.5	PASS
GPRS1900	661	NV	40	-19.98	-0.010628	±2.5	PASS
GPRS1900	661	NV	50	-19.79	-0.010527	±2.5	PASS
GPRS1900	810	NV	-30	-19.47	-0.010195	±2.5	PASS
GPRS1900	810	NV	-20	-18.63	-0.009755	±2.5	PASS
GPRS1900	810	NV	-10	-19.98	-0.010462	±2.5	PASS
GPRS1900	810	NV	0	-21.28	-0.011143	±2.5	PASS



GPRS1900	810	NV	10	-20.18	-0.010567	±2.5	PASS
GPRS1900	810	NV	20	-20.34	-0.010650	±2.5	PASS
GPRS1900	810	NV	30	-22.57	-0.011818	±2.5	PASS
GPRS1900	810	NV	40	-21.83	-0.011431	±2.5	PASS
GPRS1900	810	NV	50	-19.63	-0.010279	±2.5	PASS