

Appendix A Conduction Data for GSM

1.Transmitter Conducted Output Power And ERP/EIRP

Test Result

Band	Channel	Freq (MHz)	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	33.51	28.39	0.6902	38.45	PASS
GSM 850	190	836.6	33.43	28.31	0.6776	38.45	PASS
GSM 850	251	848.8	33.35	28.23	0.6653	38.45	PASS
PCS 1900	512	1850.2	29.5	30.63	1.1561	33	PASS
PCS 1900	661	1880.0	29.88	31.01	1.2618	33	PASS
PCS 1900	810	1909.8	30.05	31.18	1.3122	33	PASS

1-1.Transmitter Conducted Output Power And ERP/EIRP GPRS

Test Result

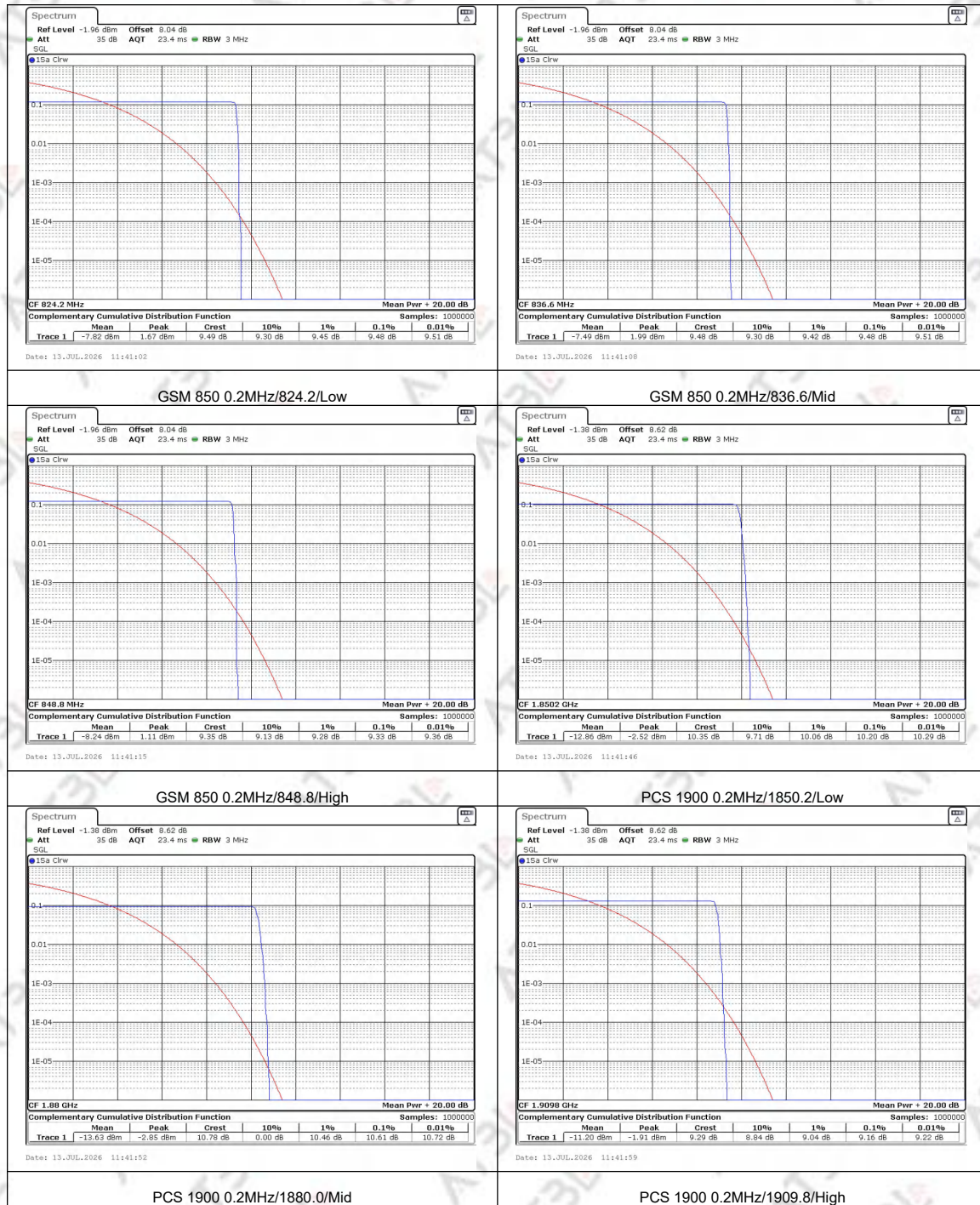
Band	Channel	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	GMSK	1 Tx	33.51	28.39	0.6902	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	33.4	28.28	0.673	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	33.34	28.22	0.6637	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	29.52	30.65	1.1614	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	29.89	31.02	1.2647	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	30.02	31.15	1.3032	33	PASS

2. Peak to Average Ratio

Test Result

Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	9.48	13	PASS
GSM 850	190	836.6	9.48	13	PASS
GSM 850	251	848.8	9.33	13	PASS
PCS 1900	512	1850.2	10.2	13	PASS
PCS 1900	661	1880.0	10.61	13	PASS
PCS 1900	810	1909.8	9.16	13	PASS

Test Graphs

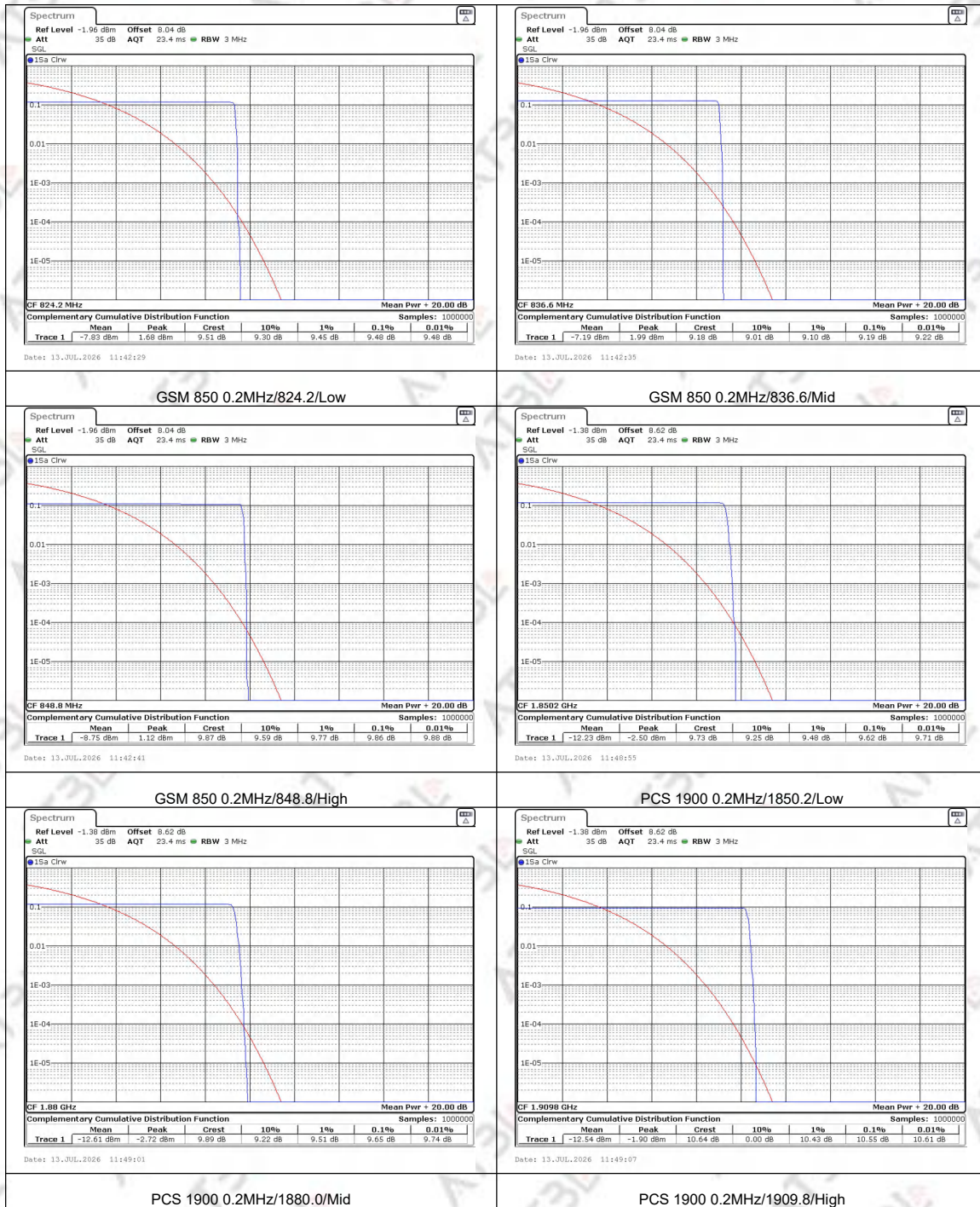


2-2.Peak to Average Ratio GPRS

Test Result

Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	9.48	13	PASS
GSM 850	190	836.6	1 Tx	9.19	13	PASS
GSM 850	251	848.8	1 Tx	9.86	13	PASS
PCS 1900	512	1850.2	1 Tx	9.62	13	PASS
PCS 1900	661	1880.0	1 Tx	9.65	13	PASS
PCS 1900	810	1909.8	1 Tx	10.55	13	PASS

Test Graphs



PCS 1900 0.2MHz/1880.0/Mid

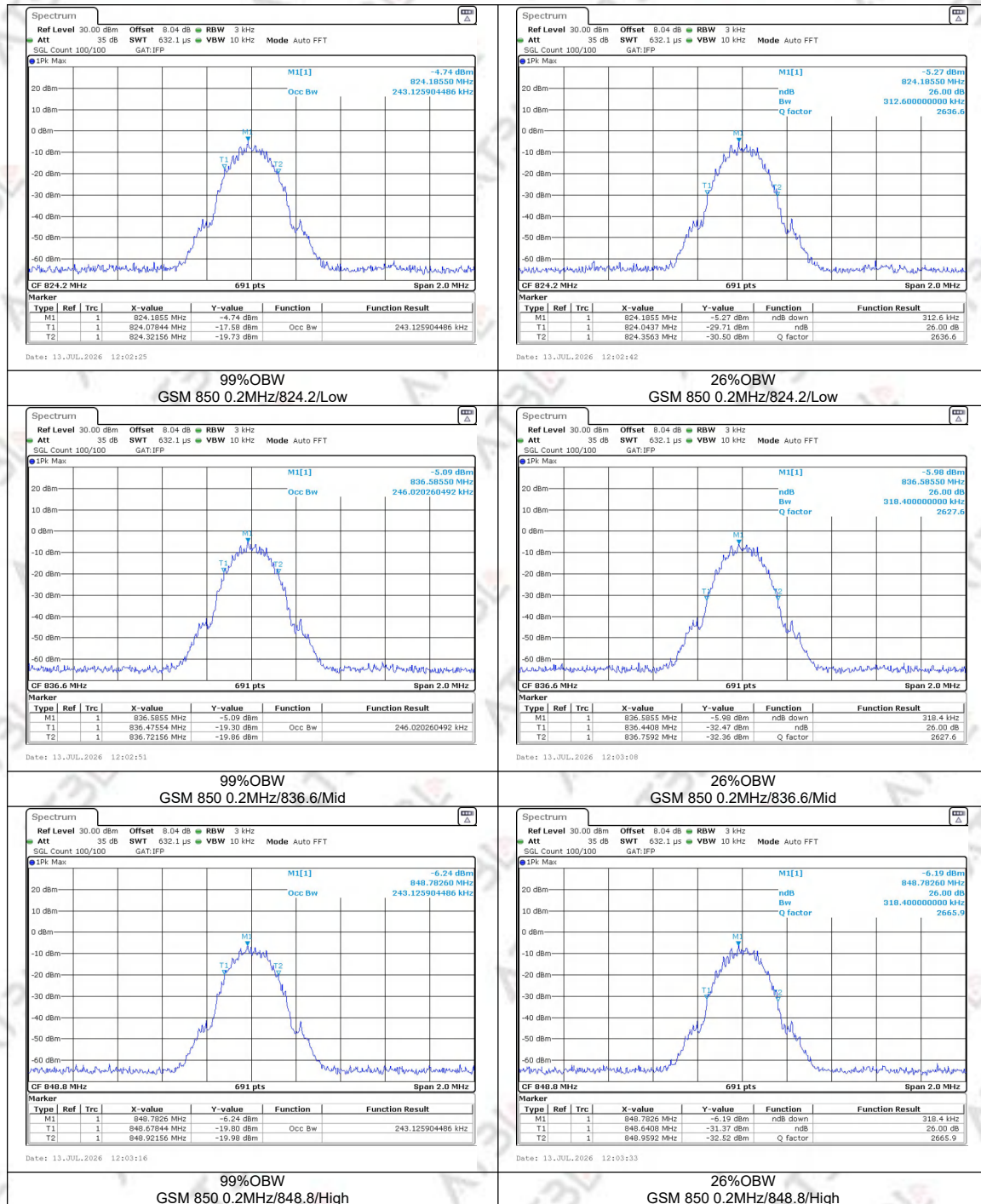
PCS 1900 0.2MHz/1909.8/High

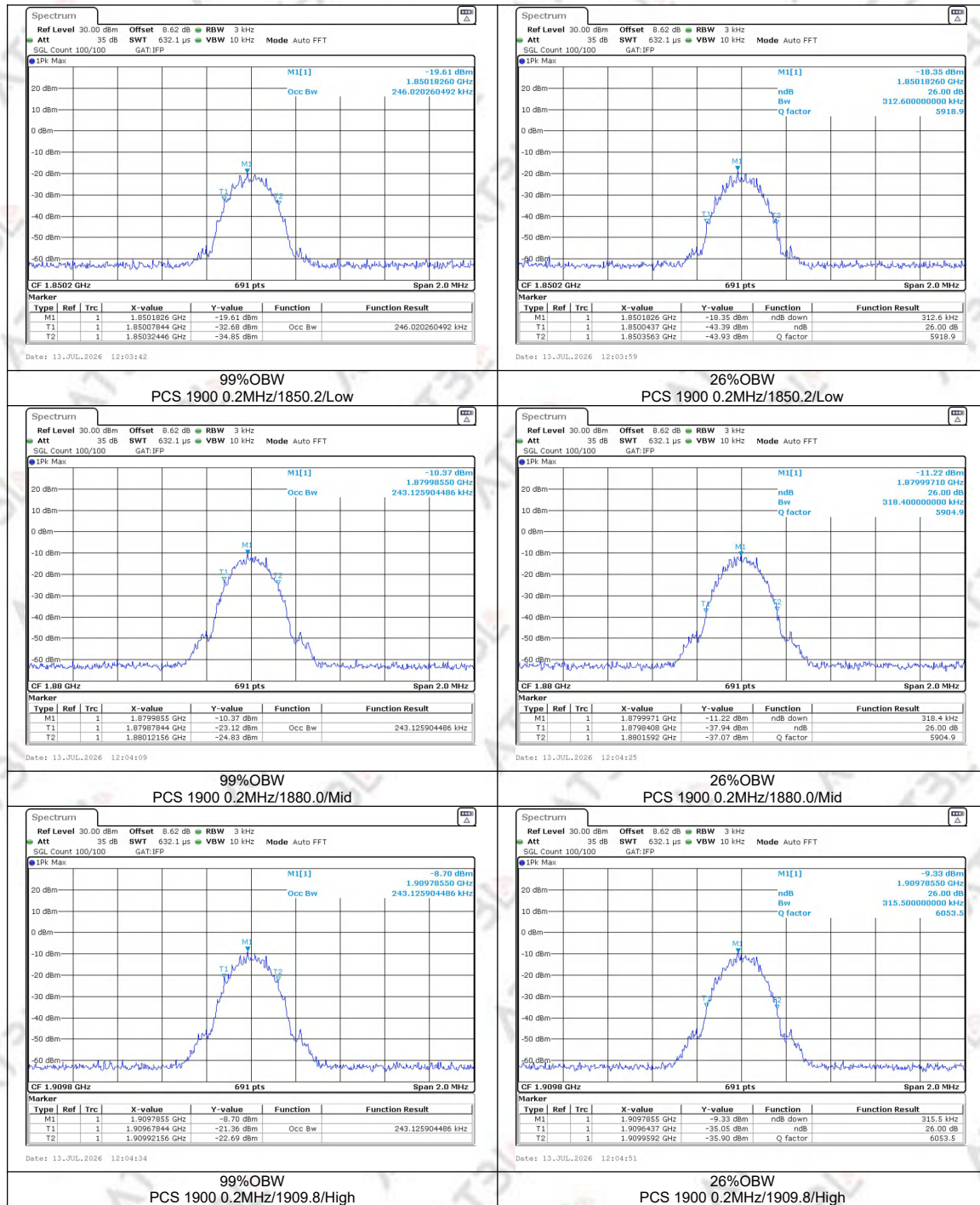
3.Occupied Bandwidth

Test Result

Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	0.24313	0.3126	PASS
GSM 850	190	836.6	0.24602	0.3184	PASS
GSM 850	251	848.8	0.24313	0.3184	PASS
PCS 1900	512	1850.2	0.24602	0.3126	PASS
PCS 1900	661	1880.0	0.24313	0.3184	PASS
PCS 1900	810	1909.8	0.24313	0.3155	PASS

Test Graphs



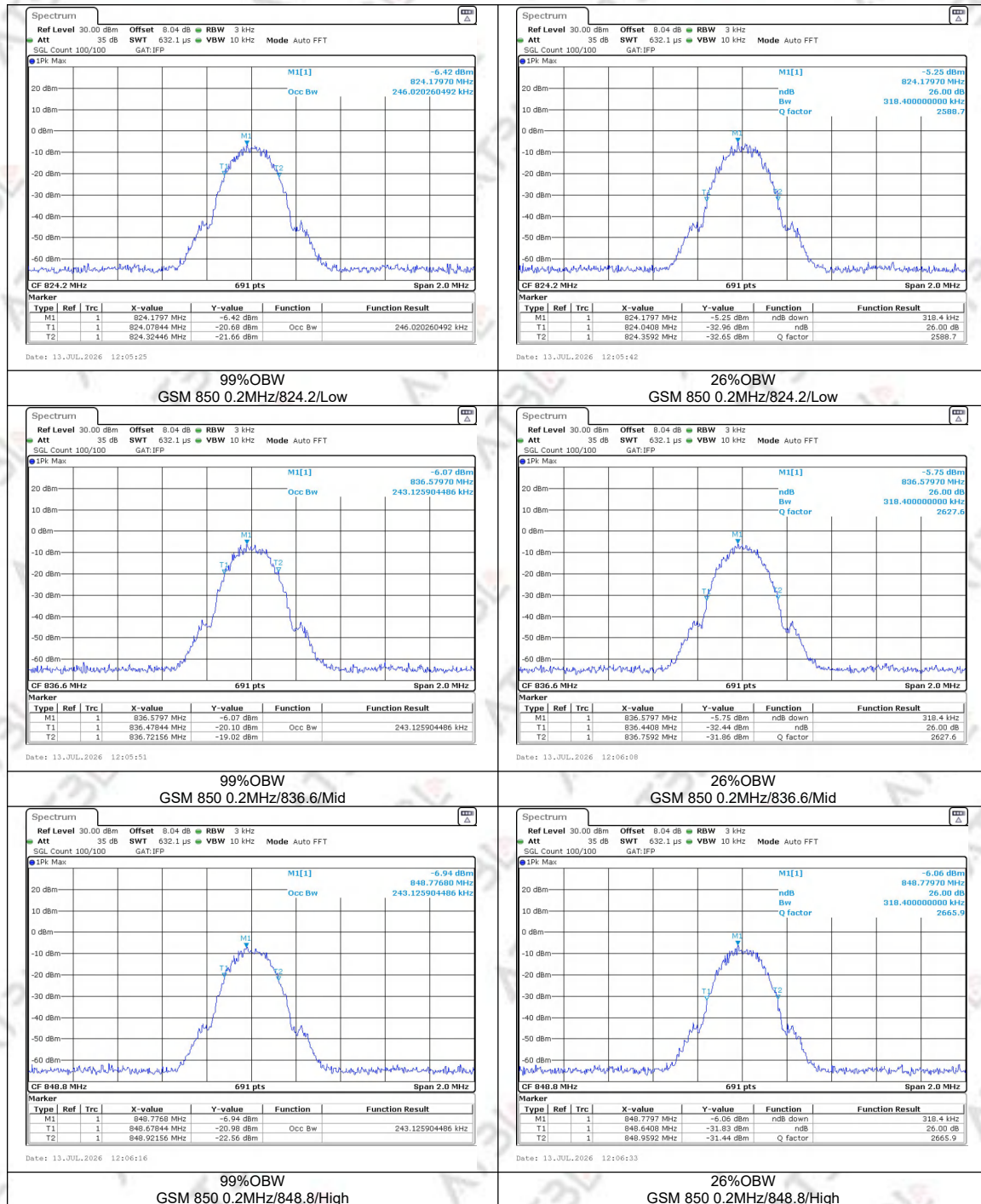


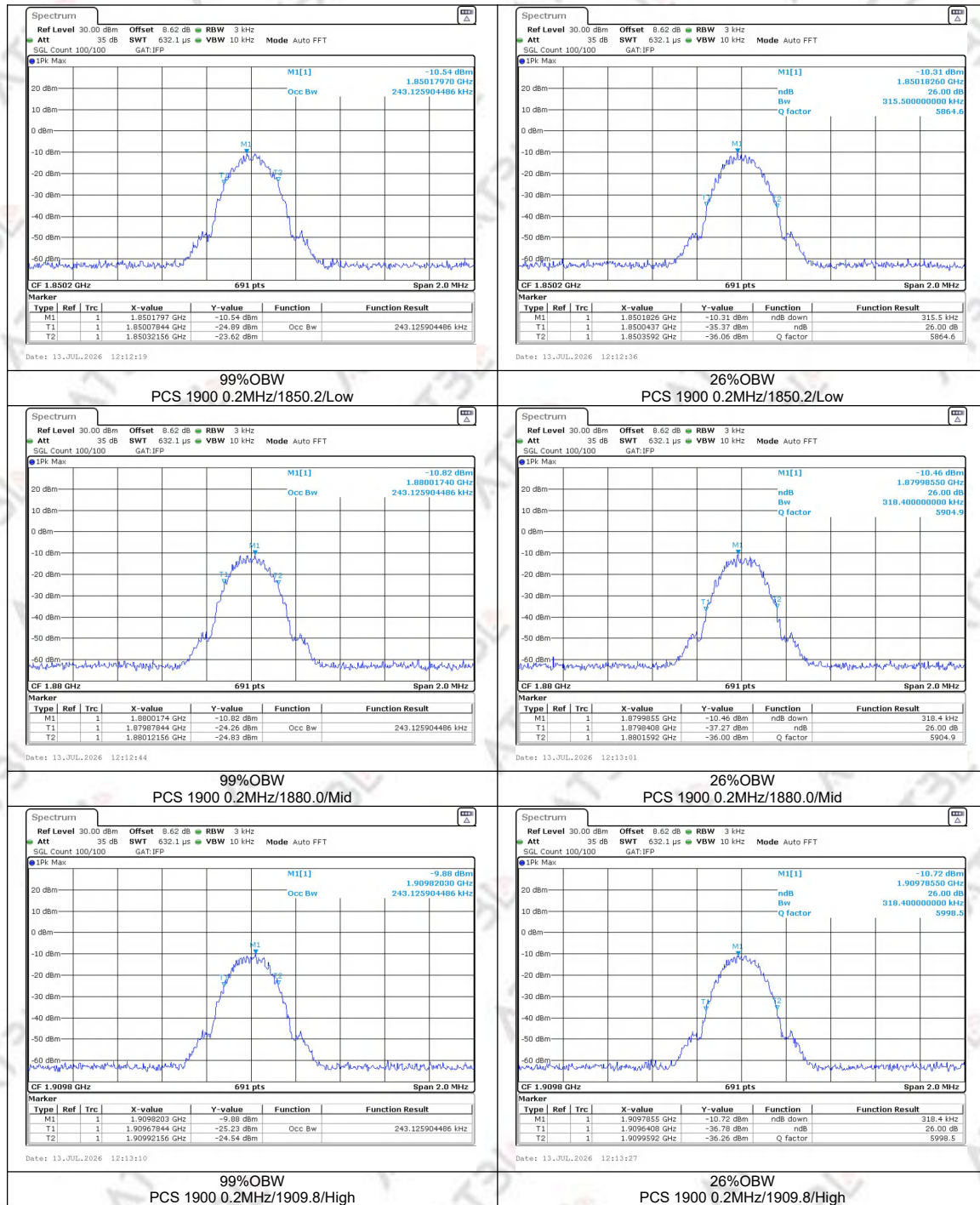
3-1.Occupied Bandwidth GPRS

Test Result

Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	1 Tx	0.24602	0.3184	PASS
GSM 850	190	836.6	1 Tx	0.24313	0.3184	PASS
GSM 850	251	848.8	1 Tx	0.24313	0.3184	PASS
PCS 1900	512	1850.2	1 Tx	0.24313	0.3155	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3184	PASS
PCS 1900	810	1909.8	1 Tx	0.24313	0.3184	PASS

Test Graphs



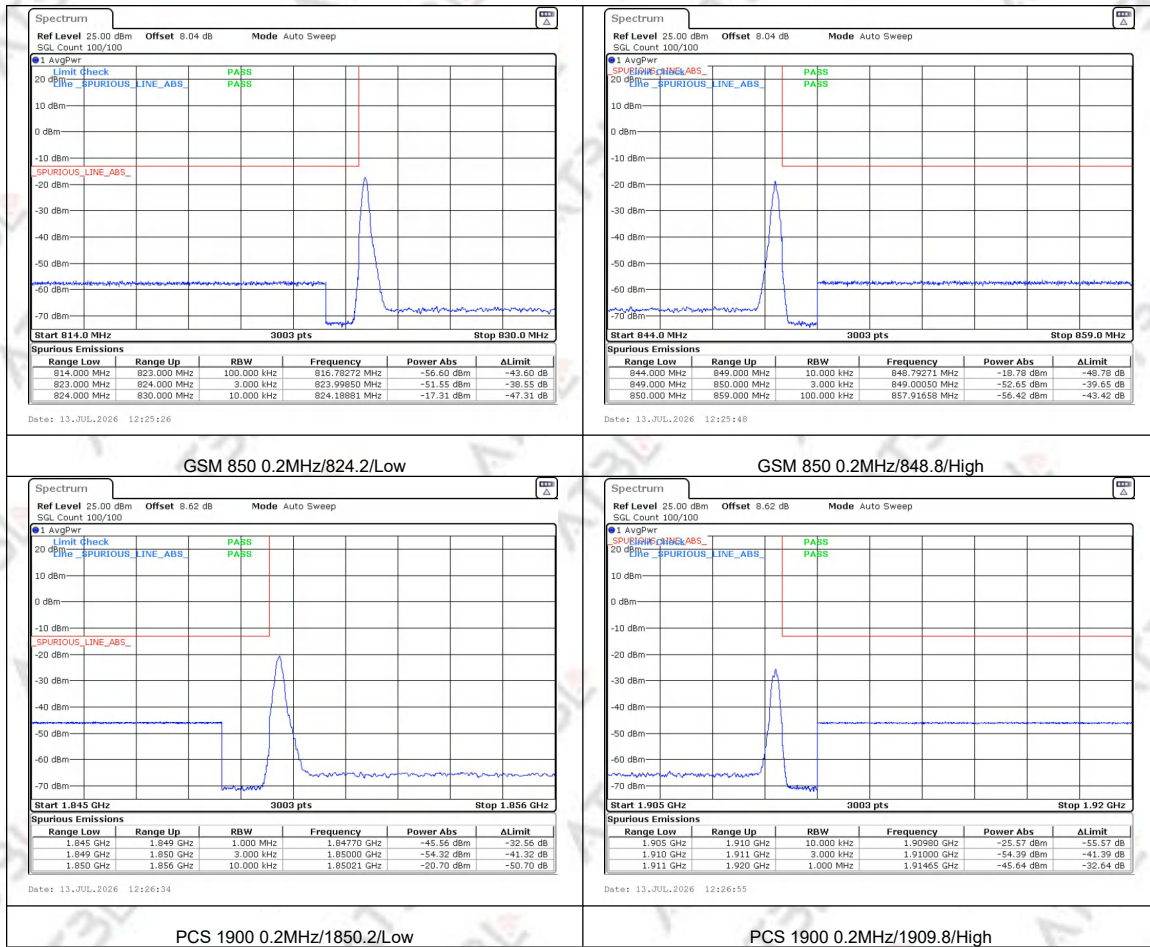


4. Conducted Band Edge

Test Result

Band	Channel	Freq (MHz)	Result	Verdict
GSM 850	128	824.2	see graph	PASS
GSM 850	251	848.8	see graph	PASS
PCS 1900	512	1850.2	see graph	PASS
PCS 1900	810	1909.8	see graph	PASS

Test Graphs



PCS 1900 0.2MHz/1850.2/Low

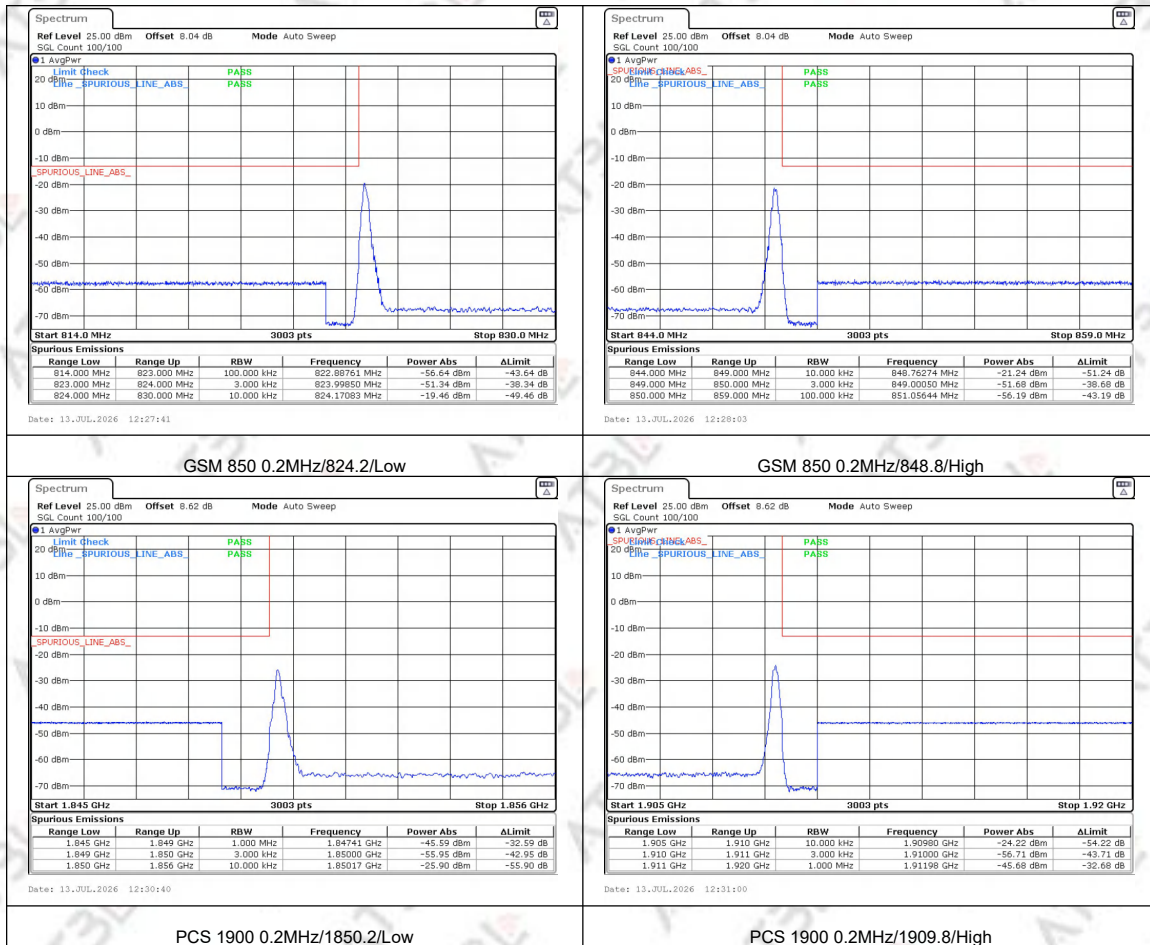
PCS 1900 0.2MHz/1909.8/High

4-1. Conducted Band Edge GPRS

Test Result

Band	Channel	Freq (MHz)	Slots	Result	Verdict
GSM 850	128	824.2	1 Tx	see graph	PASS
GSM 850	251	848.8	1 Tx	see graph	PASS
PCS 1900	512	1850.2	1 Tx	see graph	PASS
PCS 1900	810	1909.8	1 Tx	see graph	PASS

Test Graphs

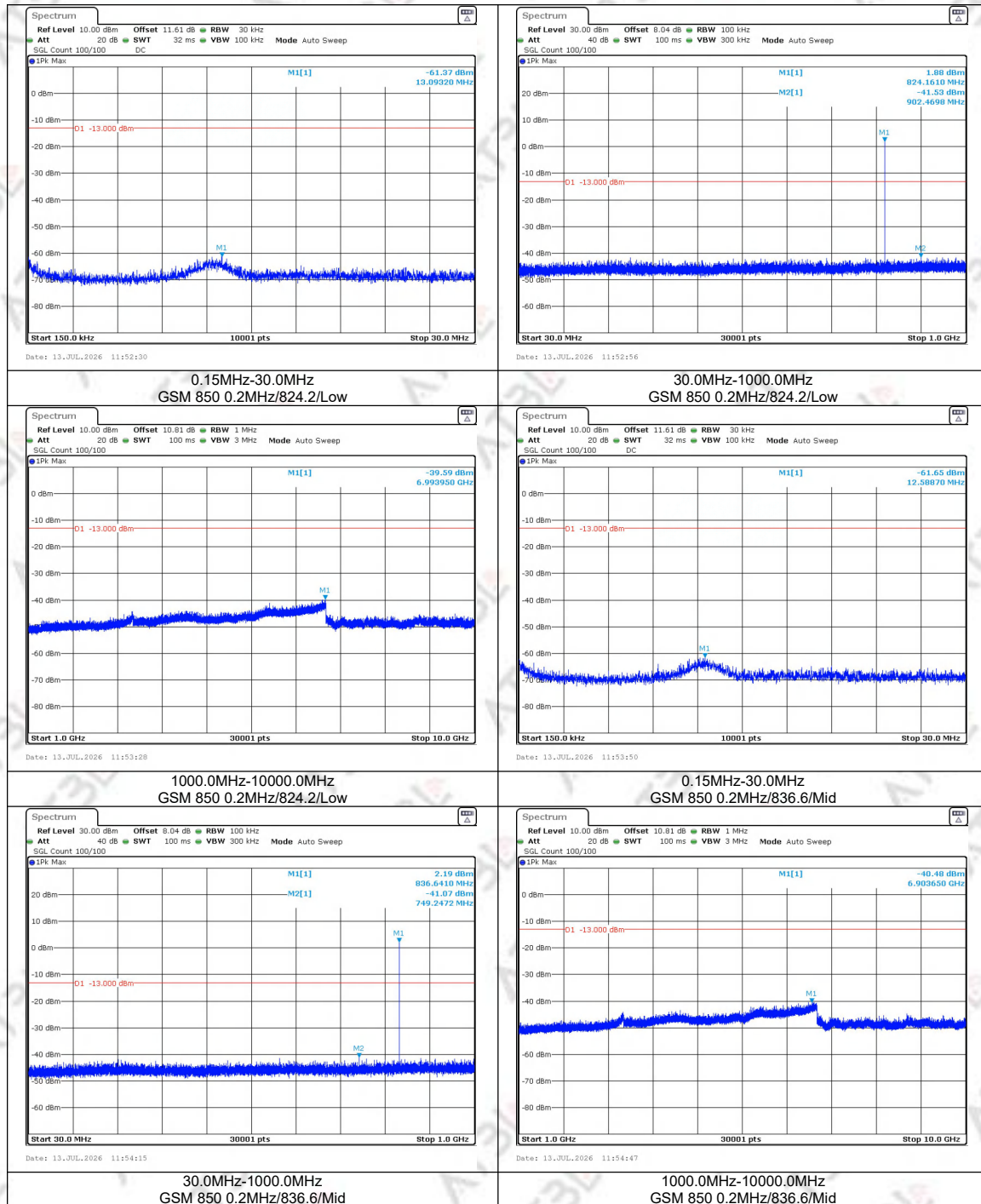


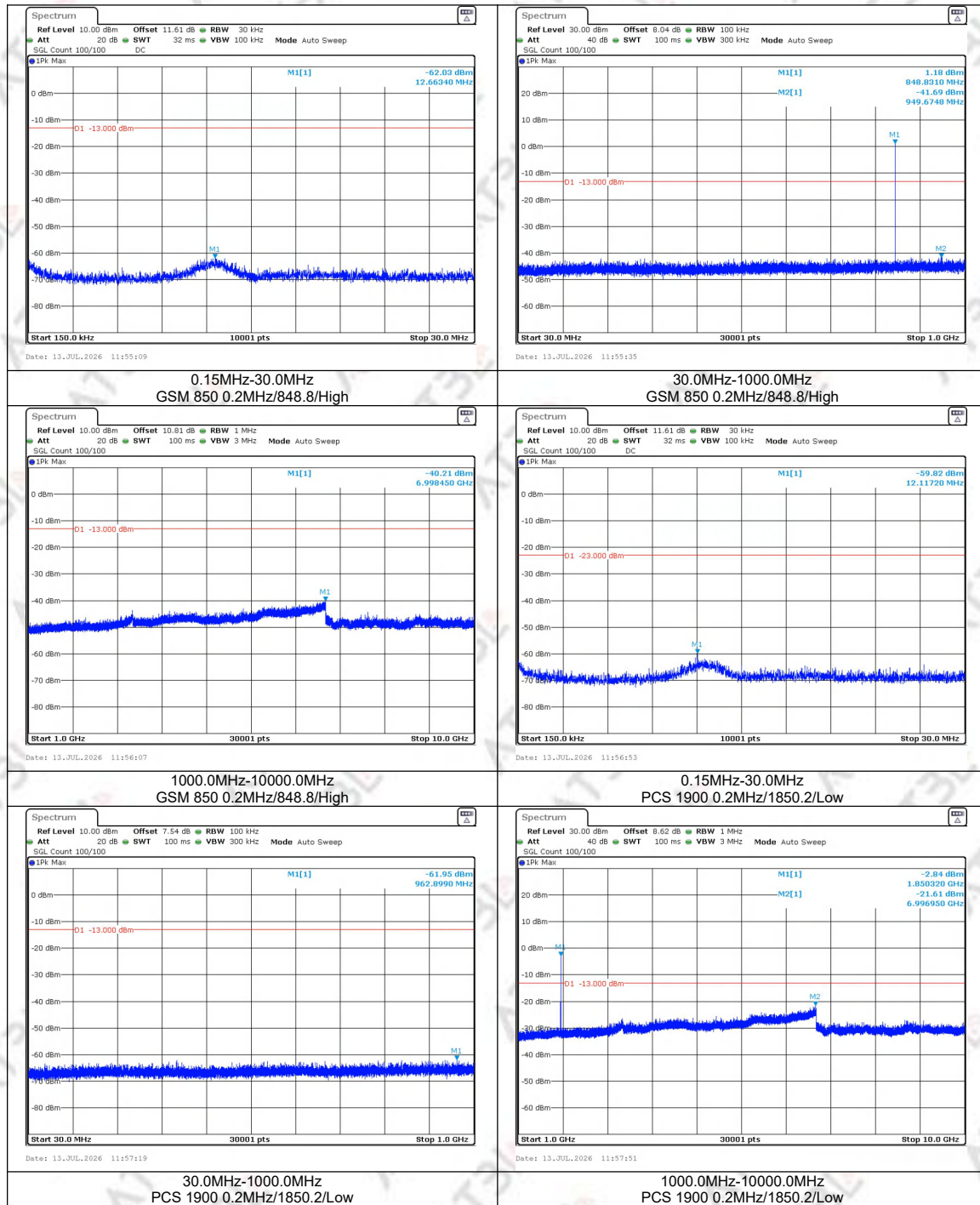
5. Conducted Spurious Emissions

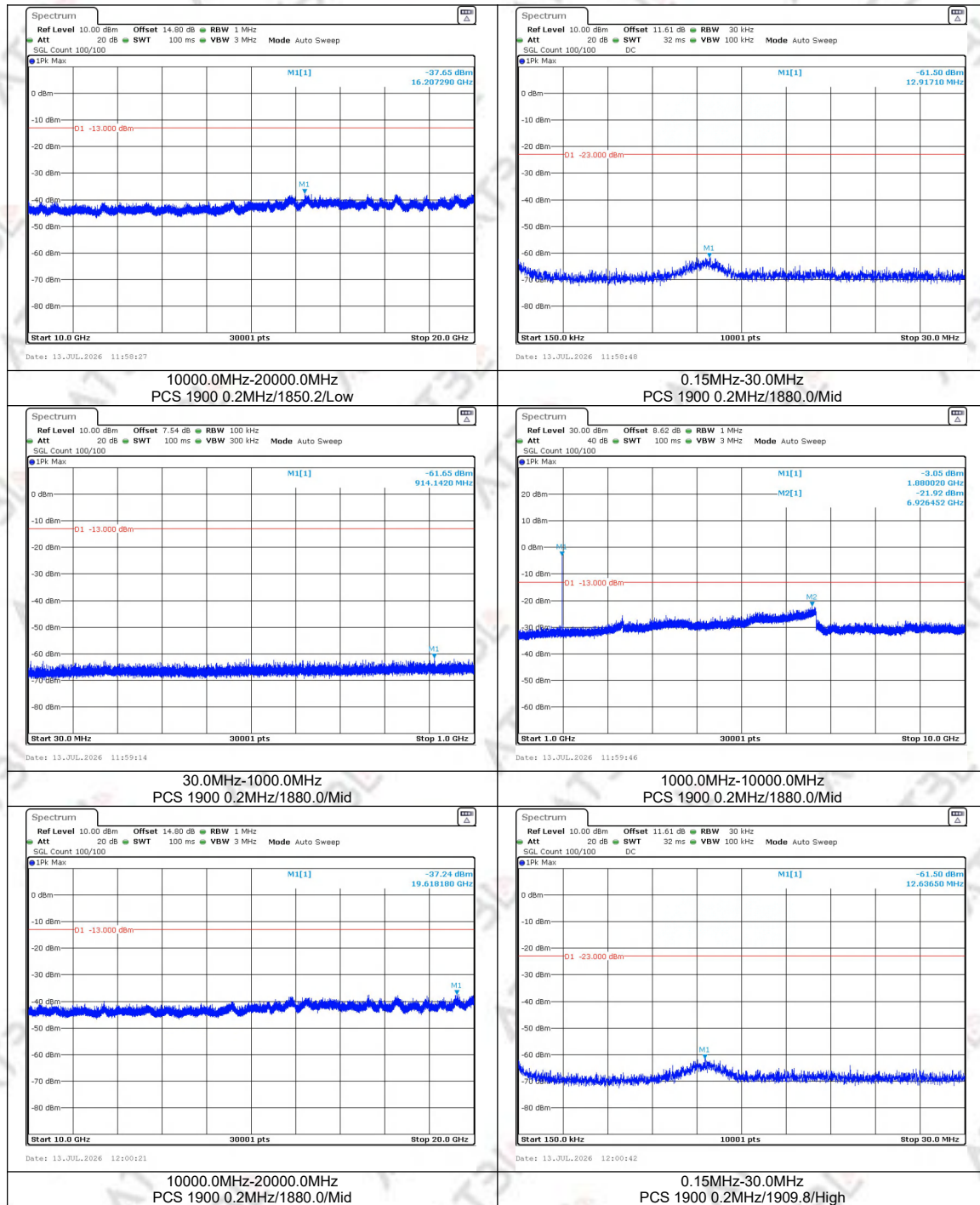
Test Result

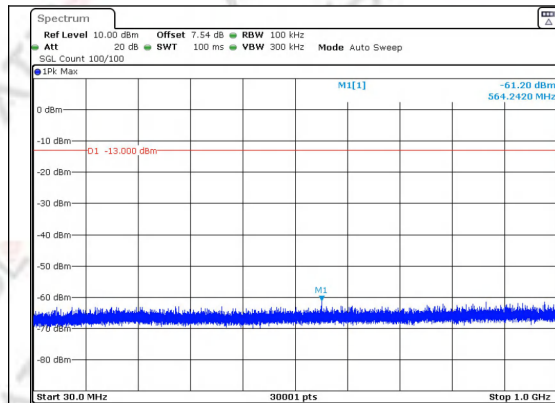
Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM 850	128	824.2	0.15	30.0	-61.37	-13	PASS
GSM 850	128	824.2	30.0	1000.0	-41.53	-13	PASS
GSM 850	128	824.2	1000.0	10000.0	-39.59	-13	PASS
GSM 850	190	836.6	0.15	30.0	-61.65	-13	PASS
GSM 850	190	836.6	30.0	1000.0	-41.07	-13	PASS
GSM 850	190	836.6	1000.0	10000.0	-40.48	-13	PASS
GSM 850	251	848.8	0.15	30.0	-62.03	-13	PASS
GSM 850	251	848.8	30.0	1000.0	-41.69	-13	PASS
GSM 850	251	848.8	1000.0	10000.0	-40.21	-13	PASS
PCS 1900	512	1850.2	0.15	30.0	-59.82	-23	PASS
PCS 1900	512	1850.2	30.0	1000.0	-61.95	-13	PASS
PCS 1900	512	1850.2	1000.0	10000.0	-21.61	-13	PASS
PCS 1900	512	1850.2	10000.0	20000.0	-37.65	-13	PASS
PCS 1900	661	1880.0	0.15	30.0	-61.5	-23	PASS
PCS 1900	661	1880.0	30.0	1000.0	-61.65	-13	PASS
PCS 1900	661	1880.0	1000.0	10000.0	-21.92	-13	PASS
PCS 1900	661	1880.0	10000.0	20000.0	-37.24	-13	PASS
PCS 1900	810	1909.8	0.15	30.0	-61.5	-23	PASS
PCS 1900	810	1909.8	30.0	1000.0	-61.2	-13	PASS
PCS 1900	810	1909.8	1000.0	10000.0	-21.41	-13	PASS
PCS 1900	810	1909.8	10000.0	20000.0	-37.29	-13	PASS

Test Graphs

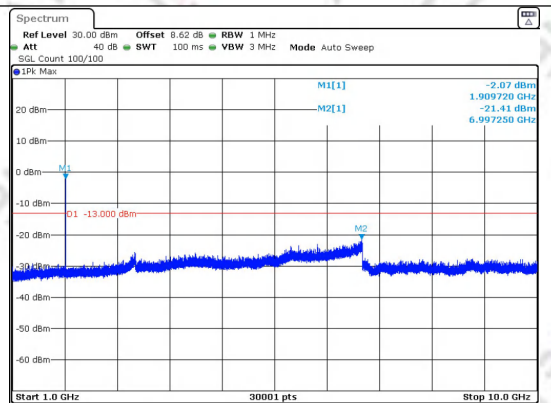




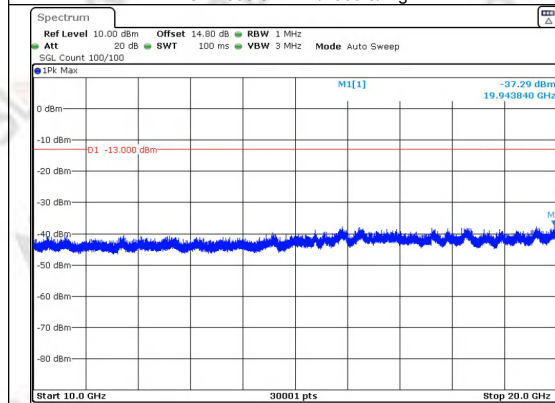




Date: 13_JUL_2026 12:01:08

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1909.8/High


Date: 13_JUL_2026 12:01:40

1000.0MHz-10000.0MHz
PCS 1900 0.2MHz/1909.8/High


Date: 13_JUL_2026 12:02:14

10000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1909.8/High

5-1..Conducted Spurious Emissions GPRS

Test Result

Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Slots	Result (dBm)	Limit (dBm)	Verdict
GSM 850	128	824.2	0.15	30.0	1 Tx	-61.57	-13	PASS
GSM 850	128	824.2	30.0	1000.0	1 Tx	-41.16	-13	PASS
GSM 850	128	824.2	1000.0	10000.0	1 Tx	-39.89	-13	PASS
GSM 850	190	836.6	0.15	30.0	1 Tx	-61.55	-13	PASS
GSM 850	190	836.6	30.0	1000.0	1 Tx	-41.36	-13	PASS
GSM 850	190	836.6	1000.0	10000.0	1 Tx	-40.2	-13	PASS
GSM 850	251	848.8	0.15	30.0	1 Tx	-61.52	-13	PASS
GSM 850	251	848.8	30.0	1000.0	1 Tx	-40.61	-13	PASS
GSM 850	251	848.8	1000.0	10000.0	1 Tx	-39.16	-13	PASS
PCS 1900	512	1850.2	0.15	30.0	1 Tx	-60.43	-23	PASS
PCS 1900	512	1850.2	30.0	1000.0	1 Tx	-61.71	-13	PASS
PCS 1900	512	1850.2	1000.0	10000.0	1 Tx	-21.76	-13	PASS
PCS 1900	512	1850.2	10000.0	20000.0	1 Tx	-37.79	-13	PASS
PCS 1900	661	1880.0	0.15	30.0	1 Tx	-61.38	-23	PASS
PCS 1900	661	1880.0	30.0	1000.0	1 Tx	-61.61	-13	PASS
PCS 1900	661	1880.0	1000.0	10000.0	1 Tx	-21.84	-13	PASS
PCS 1900	661	1880.0	10000.0	20000.0	1 Tx	-37.2	-13	PASS
PCS 1900	810	1909.8	0.15	30.0	1 Tx	-60.92	-23	PASS
PCS 1900	810	1909.8	30.0	1000.0	1 Tx	-61.42	-13	PASS
PCS 1900	810	1909.8	1000.0	10000.0	1 Tx	-22.42	-13	PASS
PCS 1900	810	1909.8	10000.0	20000.0	1 Tx	-37.12	-13	PASS

Test Graphs

