

Appendix A

A1.Transmitter Conducted Output Power And ERP/EIRP

Band	Channel	PCL	Freq (MHz)	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	251	5	848.8	32.78	28.38	38.45	PASS
GSM 850	190	5	836.6	32.81	28.41	38.45	PASS
GSM 850	128	5	824.2	32.86	28.46	38.45	PASS
PCS 1900	810	0	1909.8	29.33	31.23	33	PASS
PCS 1900	661	0	1880.0	29.1	31	33	PASS
PCS 1900	512	0	1850.2	29.47	31.37	33	PASS

A1-1.Transmitter Conducted Output Power And ERP/EIRP GPRS

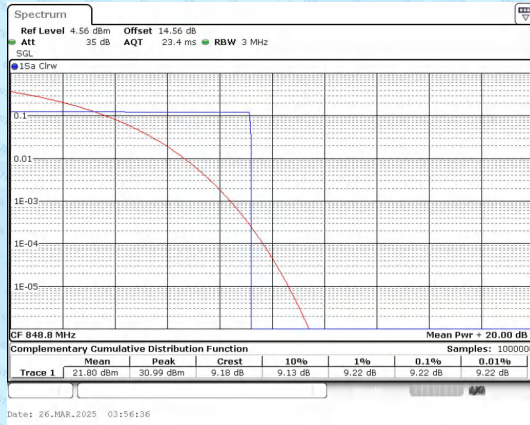
Band	Channel	PCL	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	251	5	848.8	GMSK	1 Tx	33.07	28.67	38.45	PASS
GSM 850	190	5	836.6	GMSK	1 Tx	33.18	28.78	38.45	PASS
GSM 850	128	5	824.2	GMSK	1 Tx	33.54	29.14	38.45	PASS
PCS 1900	810	0	1909.8	GMSK	1 Tx	30.04	31.94	33	PASS
PCS 1900	661	0	1880.0	GMSK	1 Tx	30.34	32.24	33	PASS
PCS 1900	512	0	1850.2	GMSK	1 Tx	30.22	32.12	33	PASS

A1-2.Transmitter Conducted Output Power And ERP/EIRP EGPRS

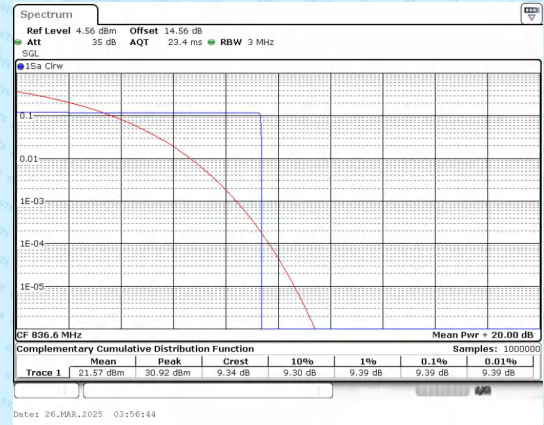
Band	Channel	PCL	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	251	8	848.8	GMSK	1 Tx	28.21	23.81	38.45	PASS
GSM 850	190	8	836.6	GMSK	1 Tx	28.08	23.68	38.45	PASS
GSM 850	128	8	824.2	GMSK	1 Tx	28.39	23.99	38.45	PASS
PCS 1900	810	2	1909.8	GMSK	1 Tx	26.64	28.54	33	PASS
PCS 1900	661	2	1880.0	GMSK	1 Tx	30.4	32.3	33	PASS
PCS 1900	512	2	1850.2	GMSK	1 Tx	27.0	28.9	33	PASS

A2.Peak to Average Ratio

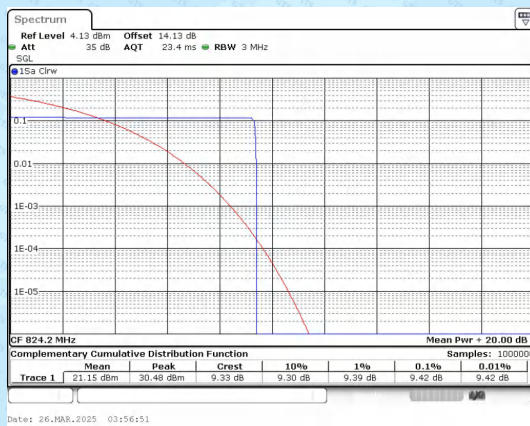
Band	Channel	Freq (MHz)	PCL	Result (dB)	Limit (dB)	Verdict
GSM 850	251	848.8	5	9.22	13	PASS
GSM 850	190	836.6	5	9.39	13	PASS
GSM 850	128	824.2	5	9.42	13	PASS
PCS 1900	810	1909.8	0	9.01	13	PASS
PCS 1900	661	1880.0	0	9.39	13	PASS
PCS 1900	512	1850.2	0	9.39	13	PASS



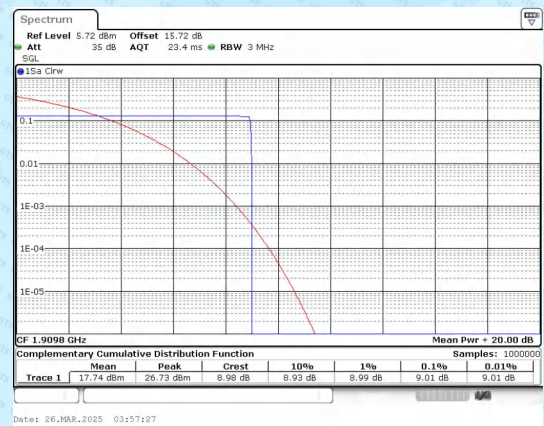
GSM 850 0.2MHz/848.8/High



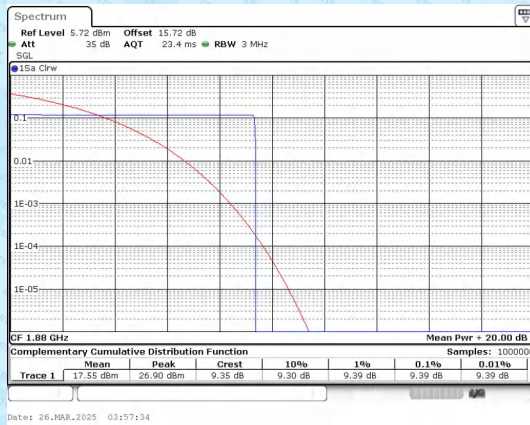
GSM 850 0.2MHz/836.6/Mid



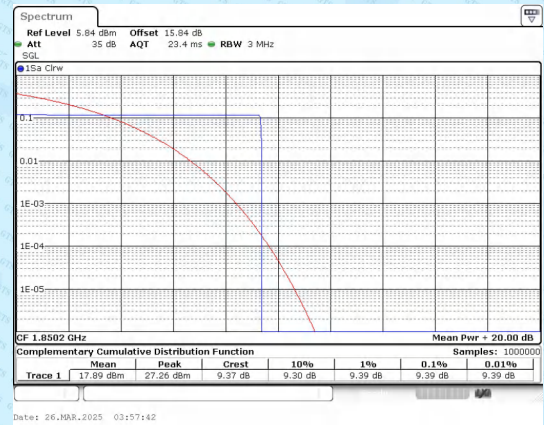
GSM 850 0.2MHz/824.2/Low



PCS 1900 0.2MHz/1909.8/High



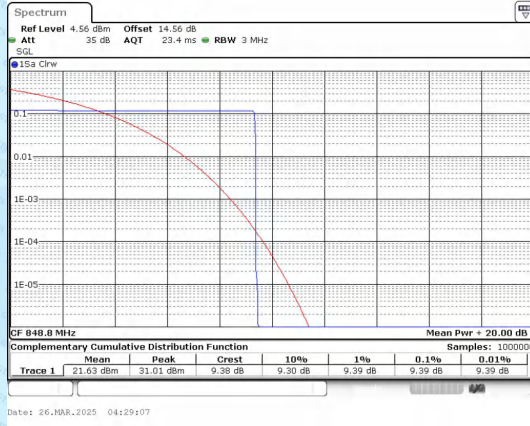
PCS 1900 0.2MHz/1880.0/Mid



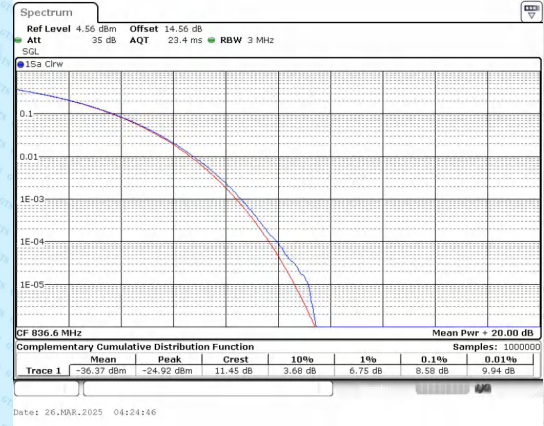
PCS 1900 0.2MHz/1850.2/Low

A2-1.Peak to Average Ratio GPRS

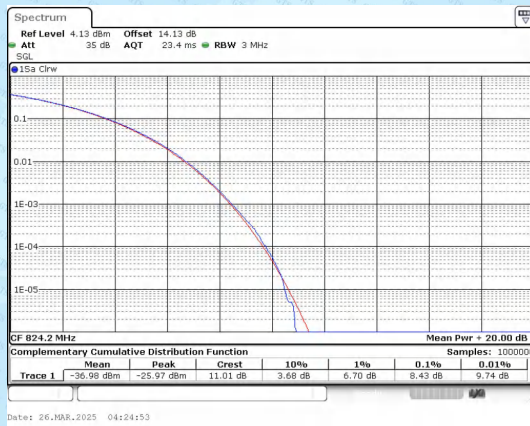
Band	Channel	Freq (MHz)	PCL	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	251	848.8	5	1 Tx	9.39	13	PASS
GSM 850	190	836.6	5	1 Tx	8.58	13	PASS
GSM 850	128	824.2	5	1 Tx	8.43	13	PASS
PCS 1900	810	1909.8	0	1 Tx	9.48	13	PASS
PCS 1900	661	1880.0	0	1 Tx	9.39	13	PASS
PCS 1900	512	1850.2	0	1 Tx	9.45	13	PASS



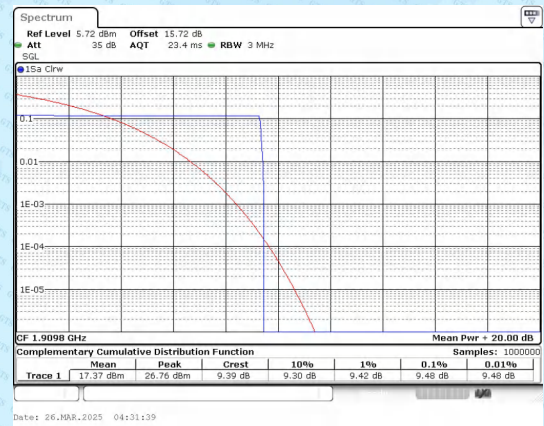
GSM 850 0.2MHz/848.8/High



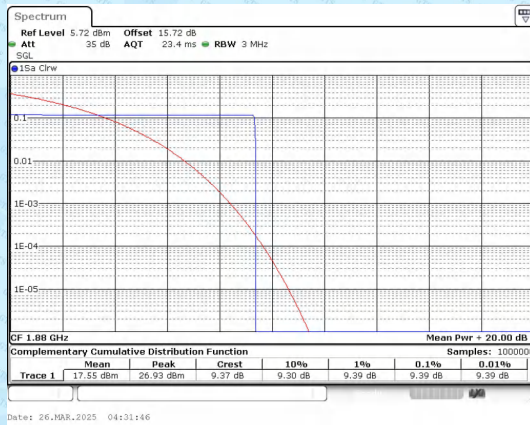
GSM 850 0.2MHz/836.6/Mid



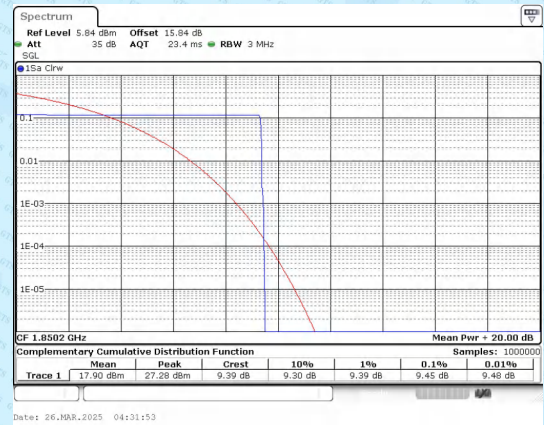
GSM 850 0.2MHz/824.2/Low



PCS 1900 0.2MHz/1909.8/High



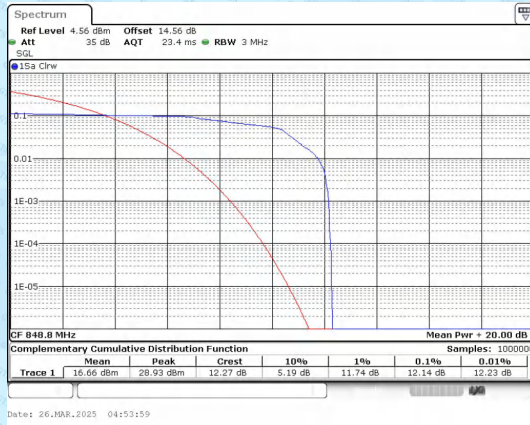
PCS 1900 0.2MHz/1880.0/Mid



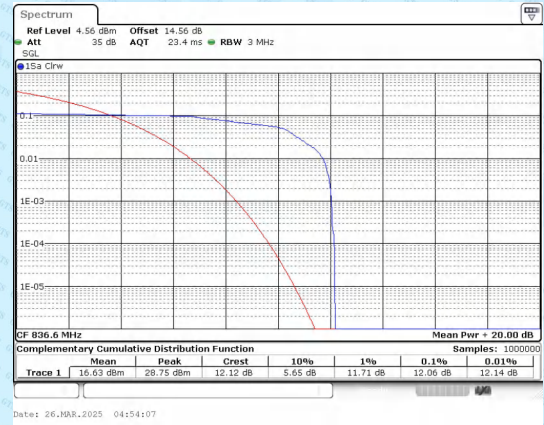
PCS 1900 0.2MHz/1850.2/Low

A2-2.Peak to Average Ratio EGPRS

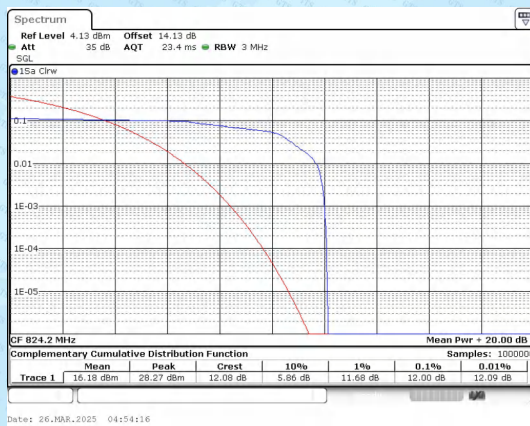
Band	Channel	Freq (MHz)	PCL	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	251	848.8	8	1 Tx	12.14	13	PASS
GSM 850	190	836.6	8	1 Tx	12.06	13	PASS
GSM 850	128	824.2	8	1 Tx	12.00	13	PASS
PCS 1900	810	1909.8	2	1 Tx	12.03	13	PASS
PCS 1900	661	1880.0	2	1 Tx	11.94	13	PASS
PCS 1900	512	1850.2	2	1 Tx	12.03	13	PASS



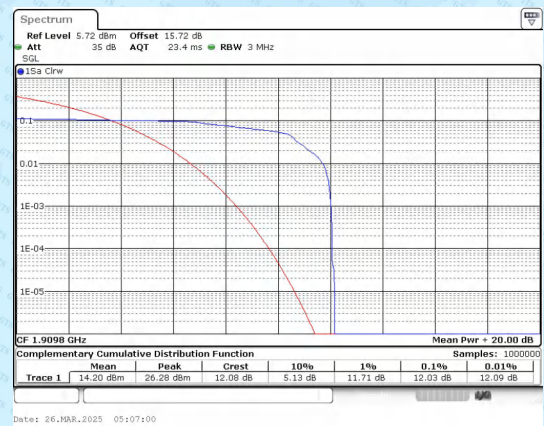
GSM 850 0.2MHz/848.8/High



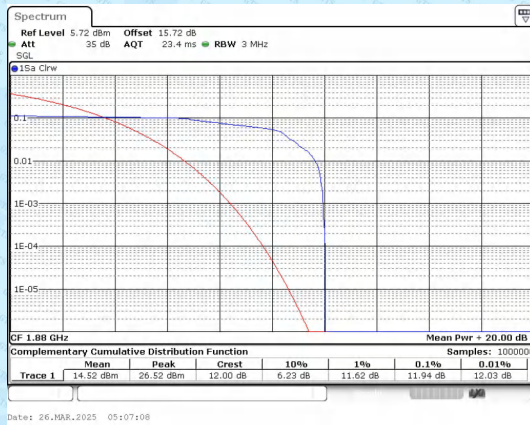
GSM 850 0.2MHz/836.6/Mid



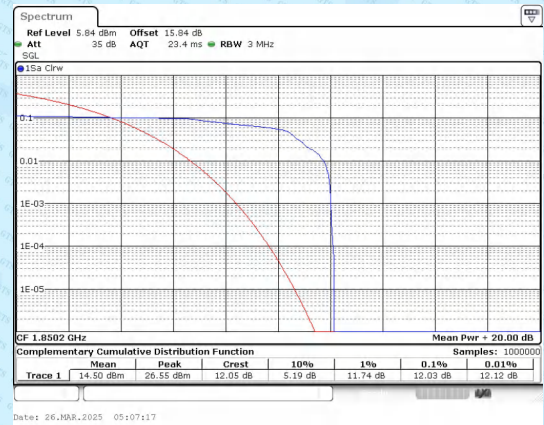
GSM 850 0.2MHz/824.2/Low



PCS 1900 0.2MHz/1909.8/High



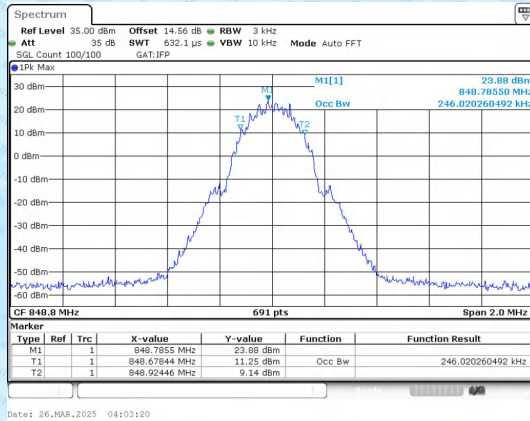
PCS 1900 0.2MHz/1880.0/Mid



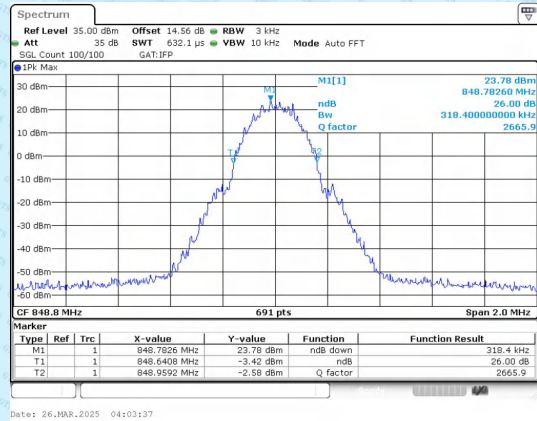
PCS 1900 0.2MHz/1850.2/Low

A3.Occupied Bandwidth

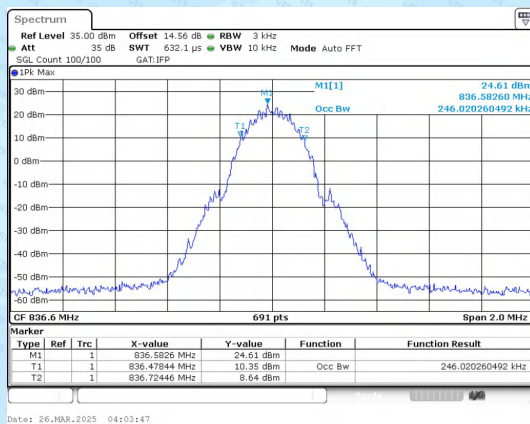
Band	Channel	Freq (MHz)	PCL	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	251	848.8	5	0.24602	0.3184	PASS
GSM 850	190	836.6	5	0.24602	0.3155	PASS
GSM 850	128	824.2	5	0.24602	0.3184	PASS
PCS 1900	810	1909.8	0	0.24891	0.3126	PASS
PCS 1900	661	1880.0	0	0.24602	0.3184	PASS
PCS 1900	512	1850.2	0	0.24313	0.3126	PASS



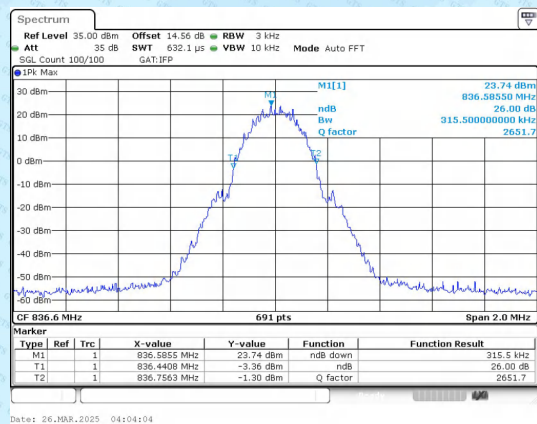
99%OBW
GSM 850 0.2MHz/848.8/High



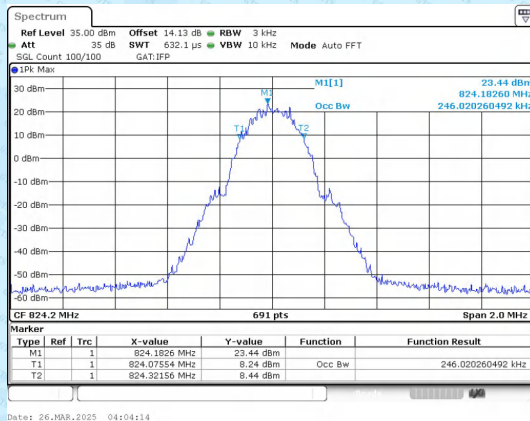
26%OBW
GSM 850 0.2MHz/848.8/High



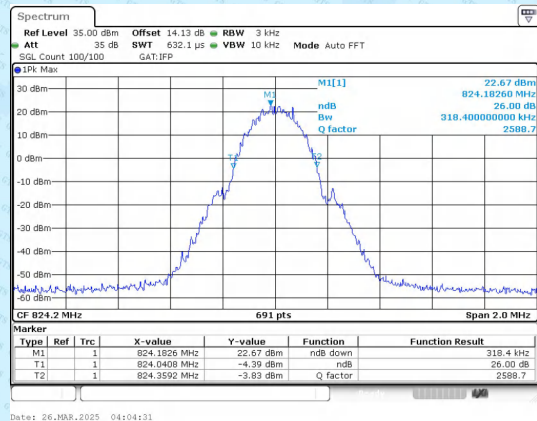
99%OBW
GSM 850 0.2MHz/836.6/Mid



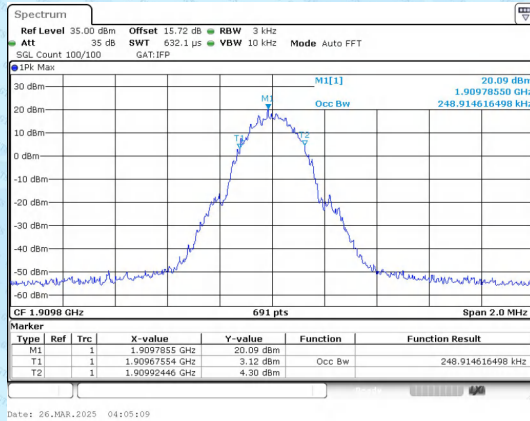
26%OBW
GSM 850 0.2MHz/836.6/Mid



99%OBW
GSM 850 0.2MHz/824.2/Low

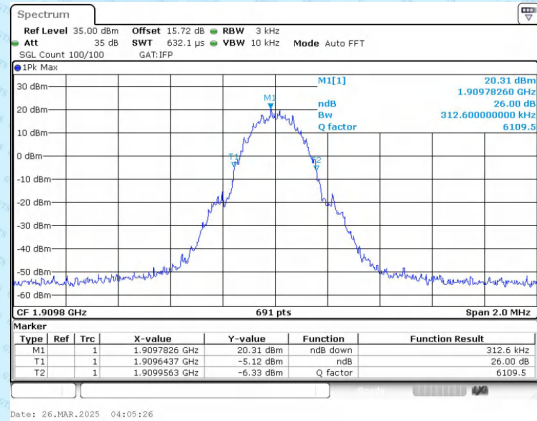


26%OBW
GSM 850 0.2MHz/824.2/Low



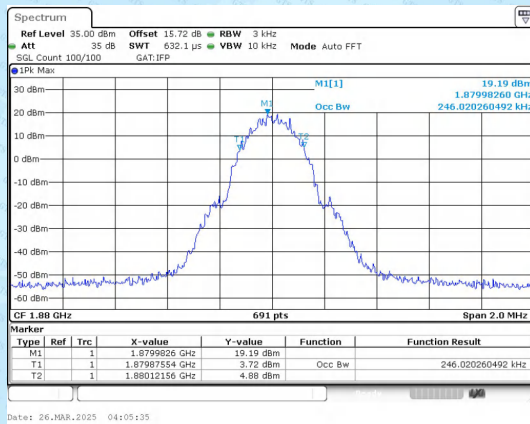
99%OBW

PCS 1900 0.2MHz/1909.8/High



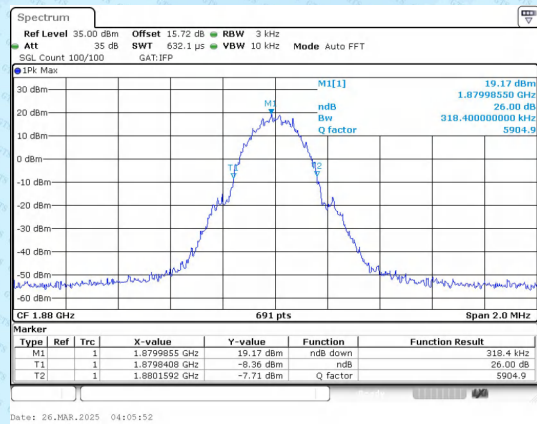
26%OBW

PCS 1900 0.2MHz/1909.8/High



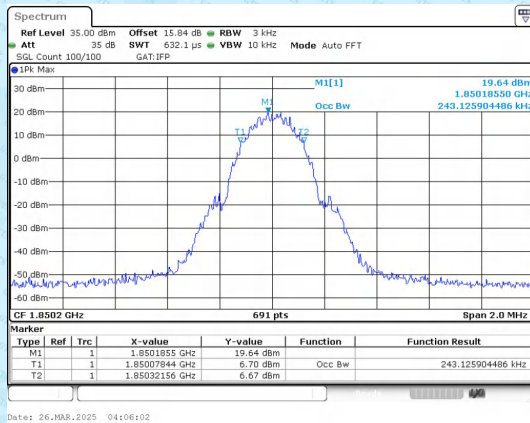
99%OBW

PCS 1900 0.2MHz/1880.0/Mid



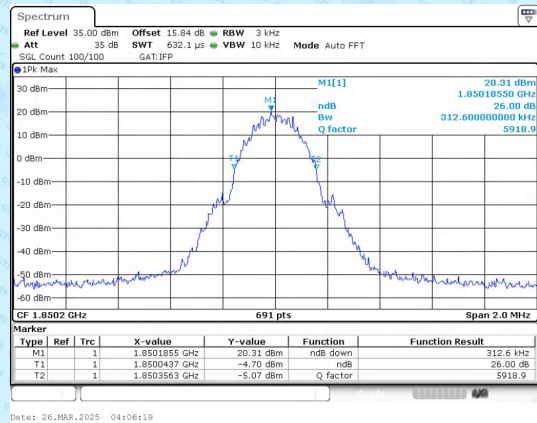
26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

PCS 1900 0.2MHz/1850.2/Low

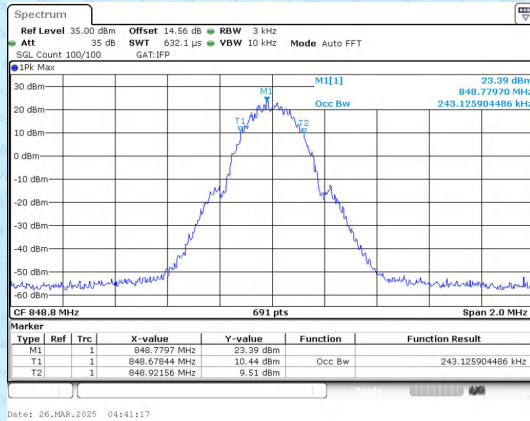


26%OBW

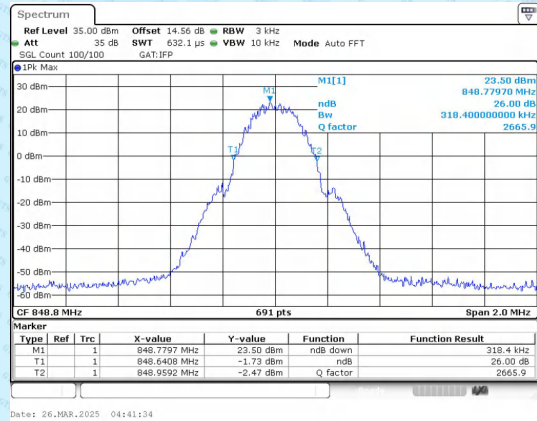
PCS 1900 0.2MHz/1850.2/Low

A3-1.Occupied Bandwidth GPRS

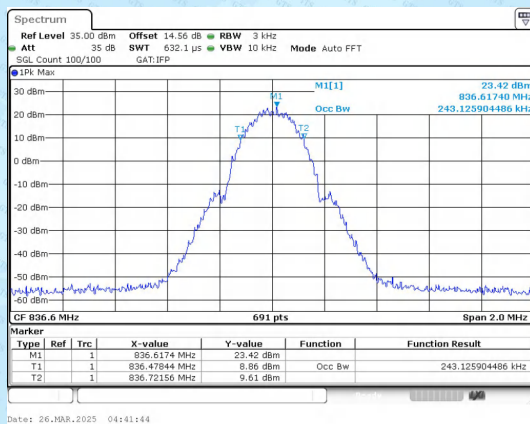
Band	Channel	Freq (MHz)	PCL	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	251	848.8	5	1 Tx	0.24313	0.3184	PASS
GSM 850	190	836.6	5	1 Tx	0.24313	0.3213	PASS
GSM 850	128	824.2	5	1 Tx	0.24313	0.3184	PASS
PCS 1900	810	1909.8	0	1 Tx	0.24313	0.3184	PASS
PCS 1900	661	1880.0	0	1 Tx	0.24313	0.3184	PASS
PCS 1900	512	1850.2	0	1 Tx	0.24602	0.3155	PASS



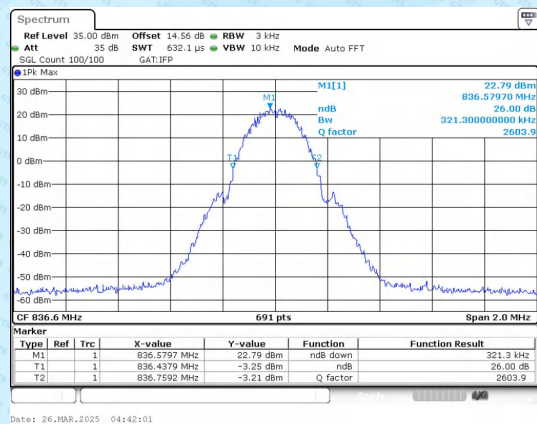
99%OBW
GSM 850 0.2MHz/848.8/High



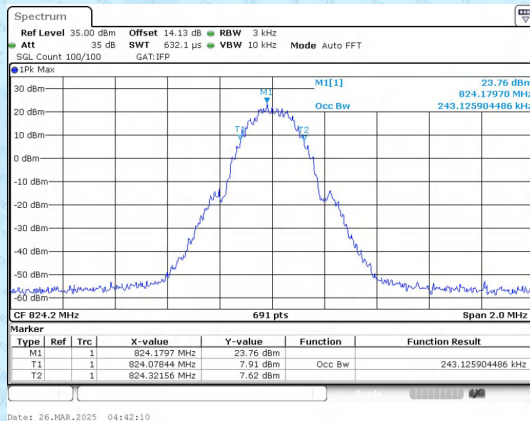
26%OBW
GSM 850 0.2MHz/848.8/High



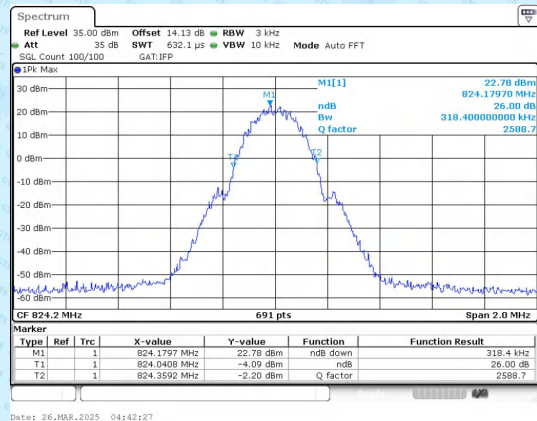
99%OBW
GSM 850 0.2MHz/836.6/Mid



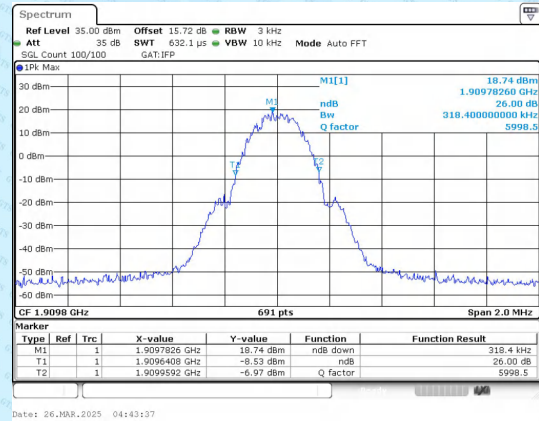
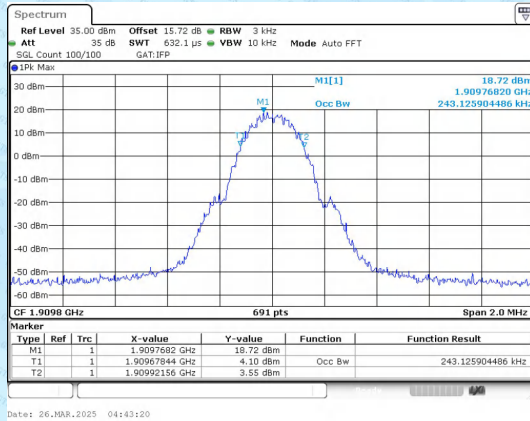
26%OBW
GSM 850 0.2MHz/836.6/Mid



99%OBW
GSM 850 0.2MHz/824.2/Low



26%OBW
GSM 850 0.2MHz/824.2/Low

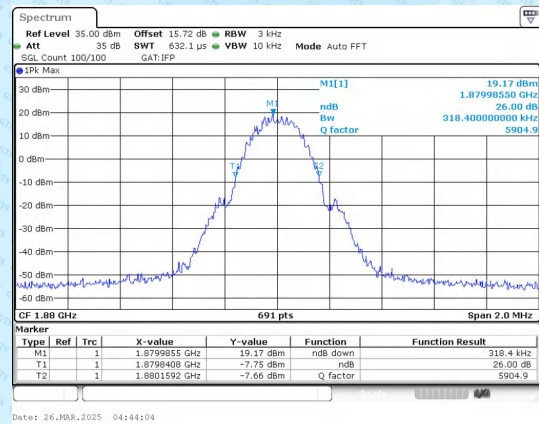
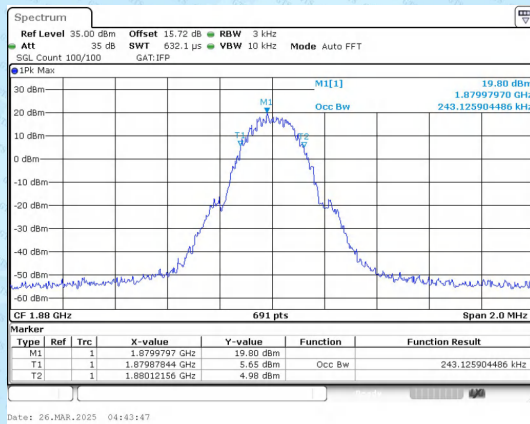


99%OBW

PCS 1900 0.2MHz/1909.8/High

26%OBW

PCS 1900 0.2MHz/1909.8/High

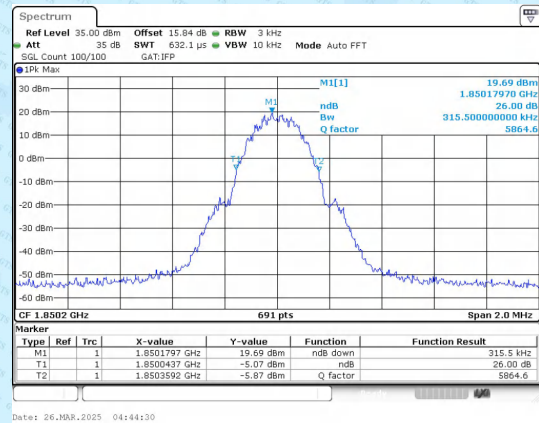
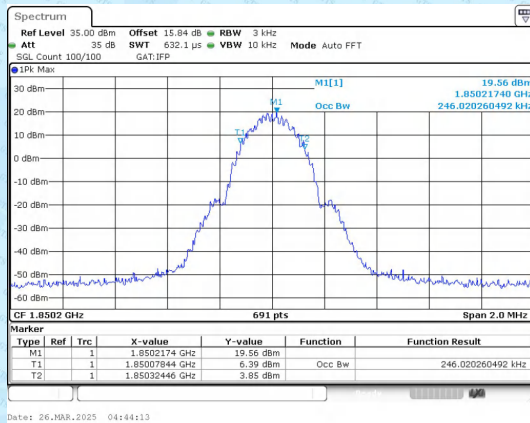


99%OBW

PCS 1900 0.2MHz/1880.0/Mid

26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

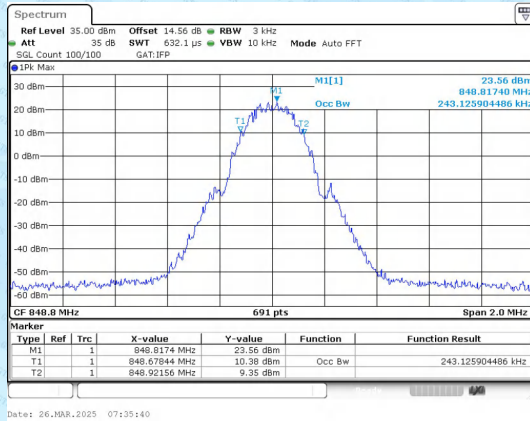
PCS 1900 0.2MHz/1850.2/Low

26%OBW

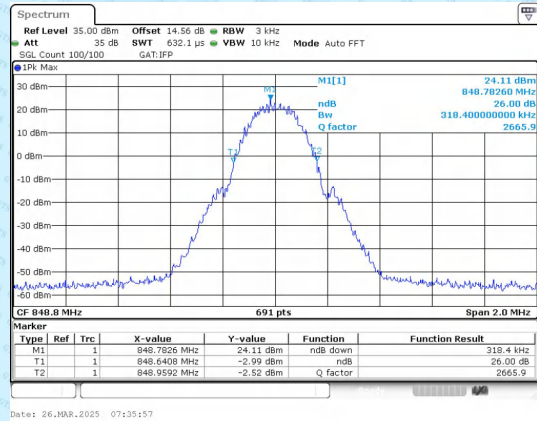
PCS 1900 0.2MHz/1850.2/Low

A3-2.Occupied Bandwidth EGPRS

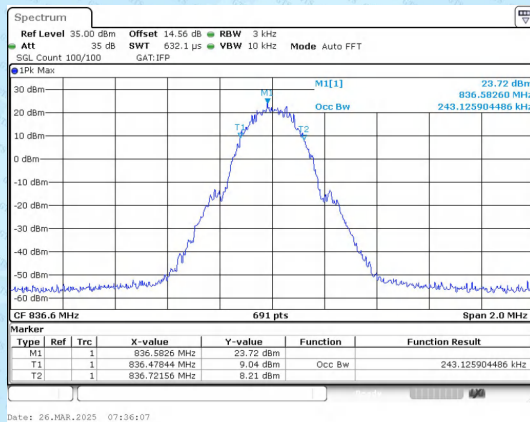
Band	Channel	Freq (MHz)	PCL	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	251	848.8	8	1 Tx	0.24313	0.3184	PASS
GSM 850	190	836.6	8	1 Tx	0.24313	0.3184	PASS
GSM 850	128	824.2	8	1 Tx	0.24313	0.3126	PASS
PCS 1900	810	1909.8	2	1 Tx	0.24313	0.3184	PASS
PCS 1900	661	1880.0	2	1 Tx	0.24313	0.3184	PASS
PCS 1900	512	1850.2	2	1 Tx	0.24602	0.3184	PASS



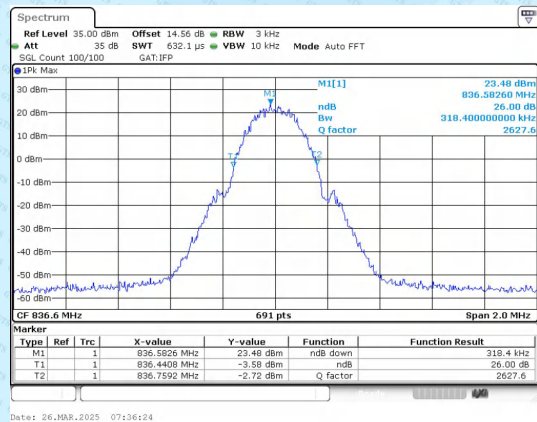
99%OBW
GSM 850 0.2MHz/848.8/High



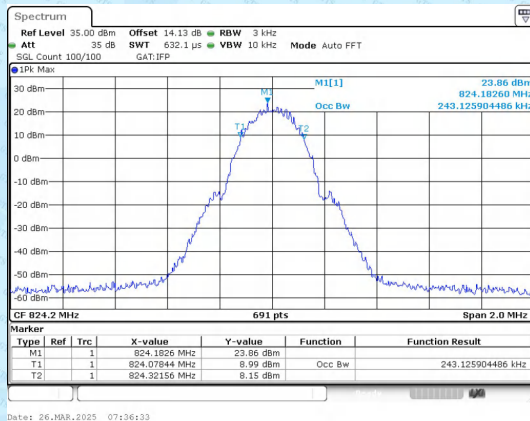
26%OBW
GSM 850 0.2MHz/848.8/High



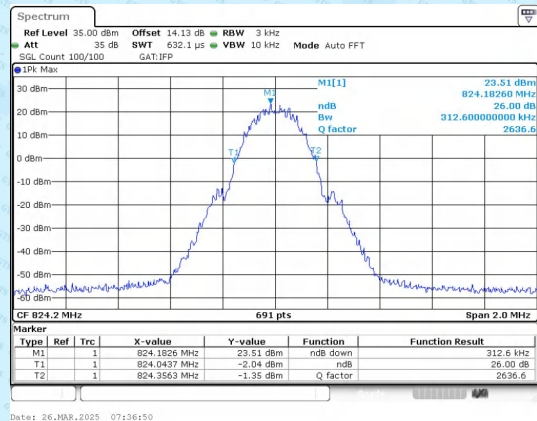
99%OBW
GSM 850 0.2MHz/836.6/Mid



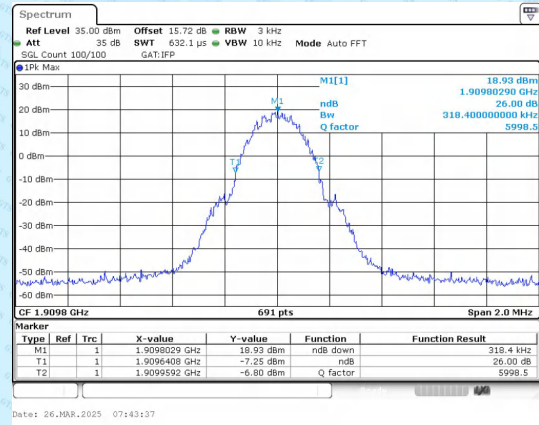
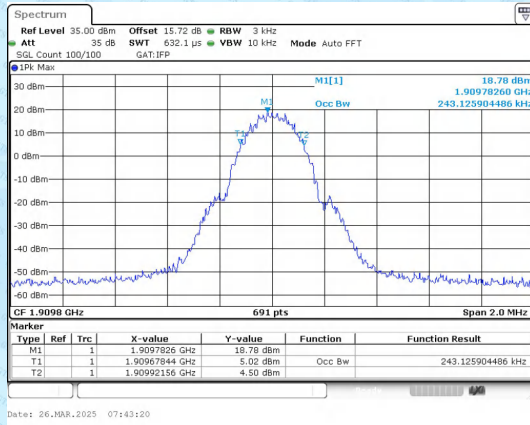
26%OBW
GSM 850 0.2MHz/836.6/Mid



99%OBW
GSM 850 0.2MHz/824.2/Low



26%OBW
GSM 850 0.2MHz/824.2/Low

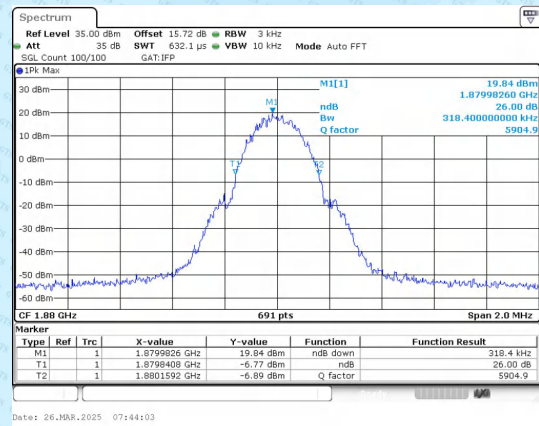
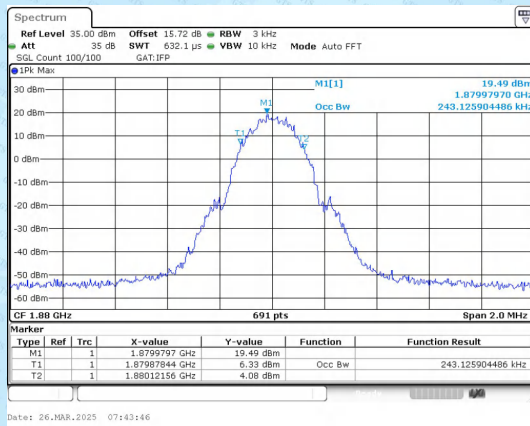


99%OBW

PCS 1900 0.2MHz/1909.8/High

26%OBW

PCS 1900 0.2MHz/1909.8/High

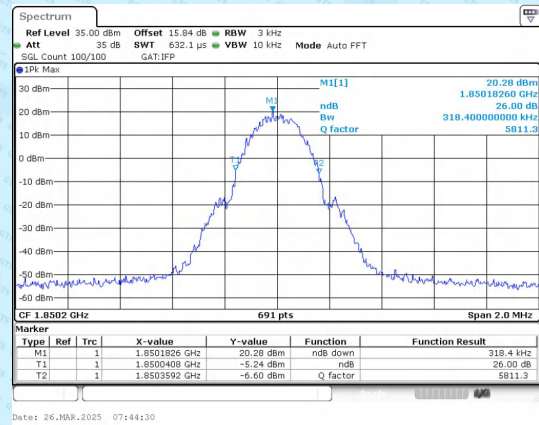
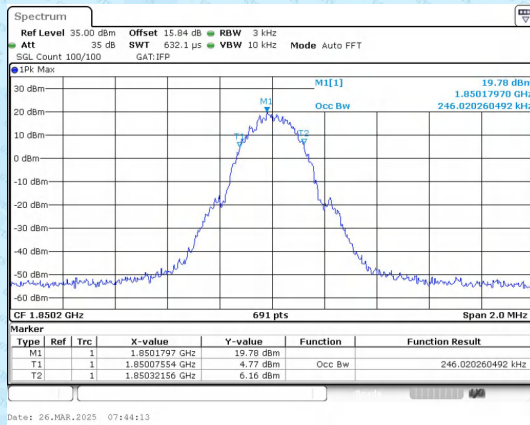


99%OBW

PCS 1900 0.2MHz/1880.0/Mid

26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

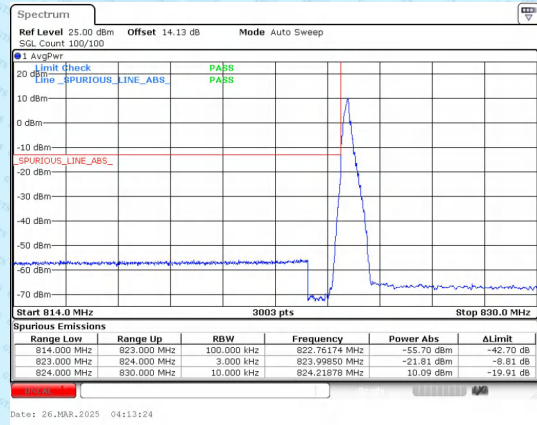
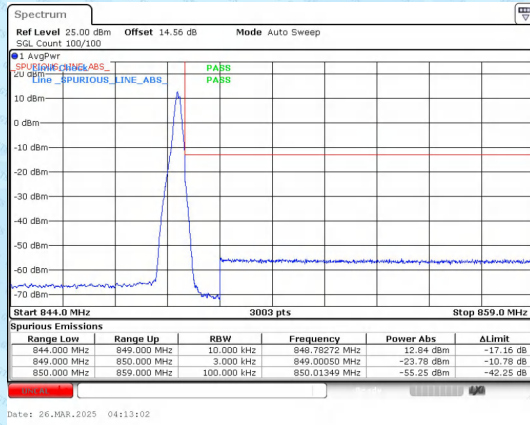
PCS 1900 0.2MHz/1850.2/Low

26%OBW

PCS 1900 0.2MHz/1850.2/Low

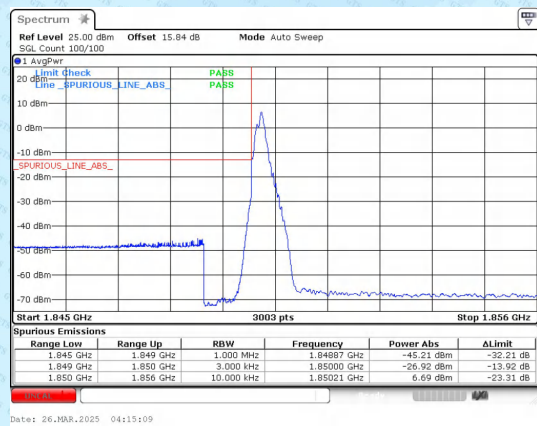
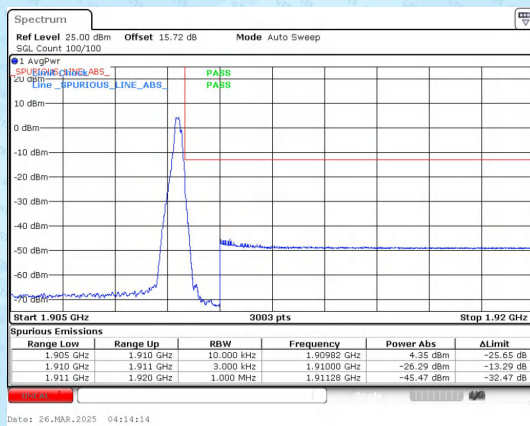
A4.Conducted Band Edge

Band	Channel	Freq (MHz)	PCL	Result	Verdict
GSM 850	251	848.8	5	see graph	PASS
GSM 850	128	824.2	5	see graph	PASS
PCS 1900	810	1909.8	0	see graph	PASS
PCS 1900	512	1850.2	0	see graph	PASS



GSM 850 0.2MHz/848.8/High

GSM 850 0.2MHz/824.2/Low



PCS 1900 0.2MHz/1909.8/High

PCS 1900 0.2MHz/1850.2/Low