

Appendix F Test data:

F1.Transmitter Conducted Output Power And ERP/EIRP

Band	Channel	Freq (MHz)	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	31.43	27.08	0.5105	38.45	PASS
GSM 850	190	836.6	31.71	27.36	0.5445	38.45	PASS
GSM 850	251	848.8	31.78	27.43	0.5534	38.45	PASS
PCS 1900	512	1850.2	27.24	28.44	0.6982	33	PASS
PCS 1900	661	1880.0	27.41	28.61	0.7261	33	PASS
PCS 1900	810	1909.8	27.08	28.28	0.673	33	PASS

F1-1.Transmitter Conducted Output Power And ERP/EIRP GPRS

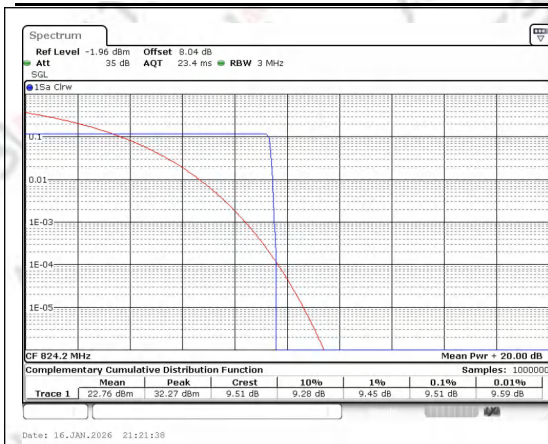
Band	Channel	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	GMSK	1 Tx	31.49	27.14	0.5176	38.45	PASS
GSM 850	128	824.2	GMSK	2 Tx	30.21	25.86	0.3855	38.45	PASS
GSM 850	128	824.2	GMSK	3 Tx	27.84	23.49	0.2234	38.45	PASS
GSM 850	128	824.2	GMSK	4 Tx	26.51	22.16	0.1644	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	31.69	27.34	0.542	38.45	PASS
GSM 850	190	836.6	GMSK	2 Tx	30.44	26.09	0.4064	38.45	PASS
GSM 850	190	836.6	GMSK	3 Tx	28.07	23.72	0.2355	38.45	PASS
GSM 850	190	836.6	GMSK	4 Tx	26.83	22.48	0.177	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	31.76	27.41	0.5508	38.45	PASS
GSM 850	251	848.8	GMSK	2 Tx	30.57	26.22	0.4188	38.45	PASS
GSM 850	251	848.8	GMSK	3 Tx	28.21	23.86	0.2432	38.45	PASS
GSM 850	251	848.8	GMSK	4 Tx	26.73	22.38	0.173	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	27.27	28.47	0.7031	33	PASS
PCS 1900	512	1850.2	GMSK	2 Tx	25.97	27.17	0.5212	33	PASS
PCS 1900	512	1850.2	GMSK	3 Tx	23.58	24.78	0.3006	33	PASS
PCS 1900	512	1850.2	GMSK	4 Tx	22.21	23.41	0.2193	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	27.33	28.53	0.7129	33	PASS
PCS 1900	661	1880.0	GMSK	2 Tx	26.15	27.35	0.5433	33	PASS
PCS 1900	661	1880.0	GMSK	3 Tx	23.66	24.86	0.3062	33	PASS
PCS 1900	661	1880.0	GMSK	4 Tx	22.49	23.69	0.2339	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	27.05	28.25	0.6683	33	PASS
PCS 1900	810	1909.8	GMSK	2 Tx	25.66	26.86	0.4853	33	PASS
PCS 1900	810	1909.8	GMSK	3 Tx	23.24	24.44	0.278	33	PASS
PCS 1900	810	1909.8	GMSK	4 Tx	21.88	23.08	0.2032	33	PASS

F1-2.Transmitter Conducted Output Power And ERP/EIRP EGPRS

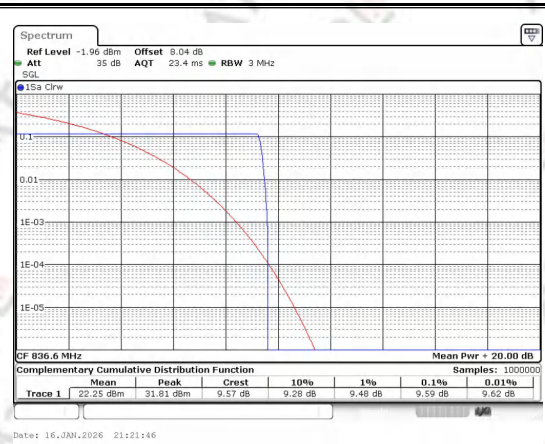
Band	Channel	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	GMSK	1 Tx	25.81	21.46	0.14	38.45	PASS
GSM 850	128	824.2	GMSK	2 Tx	30.23	25.88	0.3873	38.45	PASS
GSM 850	128	824.2	GMSK	3 Tx	22.1	17.75	0.0596	38.45	PASS
GSM 850	128	824.2	GMSK	4 Tx	20.75	16.4	0.0437	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	25.48	21.13	0.1297	38.45	PASS
GSM 850	190	836.6	GMSK	2 Tx	24.38	20.03	0.1007	38.45	PASS
GSM 850	190	836.6	GMSK	3 Tx	21.92	17.57	0.0571	38.45	PASS
GSM 850	190	836.6	GMSK	4 Tx	20.98	16.63	0.046	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	25.81	21.46	0.14	38.45	PASS
GSM 850	251	848.8	GMSK	2 Tx	24.66	20.31	0.1074	38.45	PASS
GSM 850	251	848.8	GMSK	3 Tx	22.48	18.13	0.065	38.45	PASS
GSM 850	251	848.8	GMSK	4 Tx	26.77	22.42	0.1746	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	23.73	24.93	0.3112	33	PASS
PCS 1900	512	1850.2	GMSK	2 Tx	22.76	23.96	0.2489	33	PASS
PCS 1900	512	1850.2	GMSK	3 Tx	20.91	22.11	0.1626	33	PASS
PCS 1900	512	1850.2	GMSK	4 Tx	19.36	20.56	0.1138	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	23.89	25.09	0.3228	33	PASS
PCS 1900	661	1880.0	GMSK	2 Tx	22.66	23.86	0.2432	33	PASS
PCS 1900	661	1880.0	GMSK	3 Tx	20.3	21.5	0.1413	33	PASS
PCS 1900	661	1880.0	GMSK	4 Tx	19.06	20.26	0.1062	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	23.47	24.67	0.2931	33	PASS
PCS 1900	810	1909.8	GMSK	2 Tx	22.9	24.1	0.257	33	PASS
PCS 1900	810	1909.8	GMSK	3 Tx	20.06	21.26	0.1337	33	PASS
PCS 1900	810	1909.8	GMSK	4 Tx	21.93	23.13	0.2056	33	PASS

F2.Peak to Average Ratio

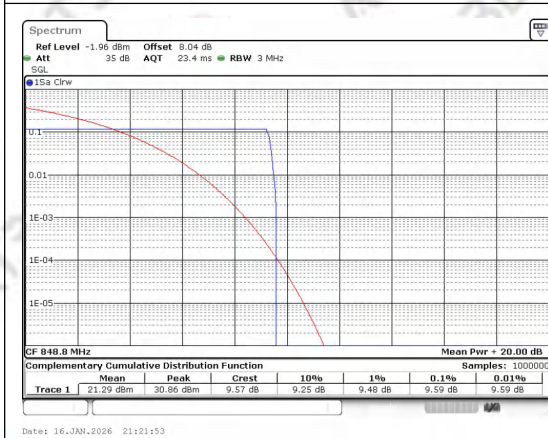
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	9.51	13	PASS
GSM 850	190	836.6	9.59	13	PASS
GSM 850	251	848.8	9.59	13	PASS
PCS 1900	512	1850.2	9.59	13	PASS
PCS 1900	661	1880.0	10.58	13	PASS
PCS 1900	810	1909.8	9.62	13	PASS



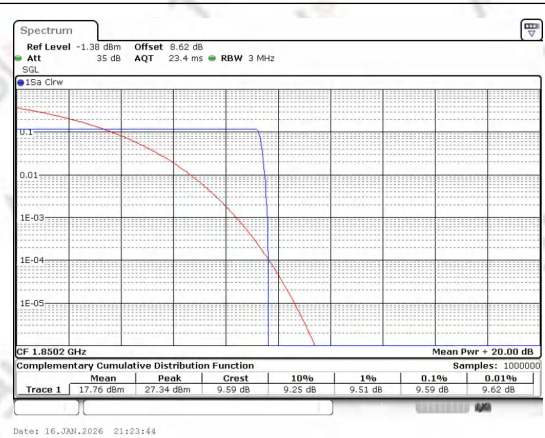
GSM 850 0.2MHz/824.2/Low



GSM 850 0.2MHz/836.6/Mid



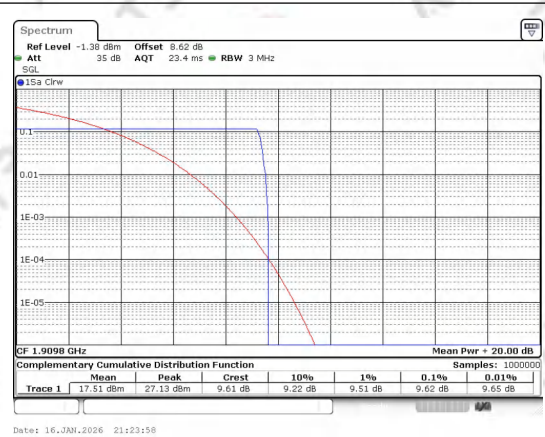
GSM 850 0.2MHz/848.8/High



PCS 1900 0.2MHz/1850.2/Low



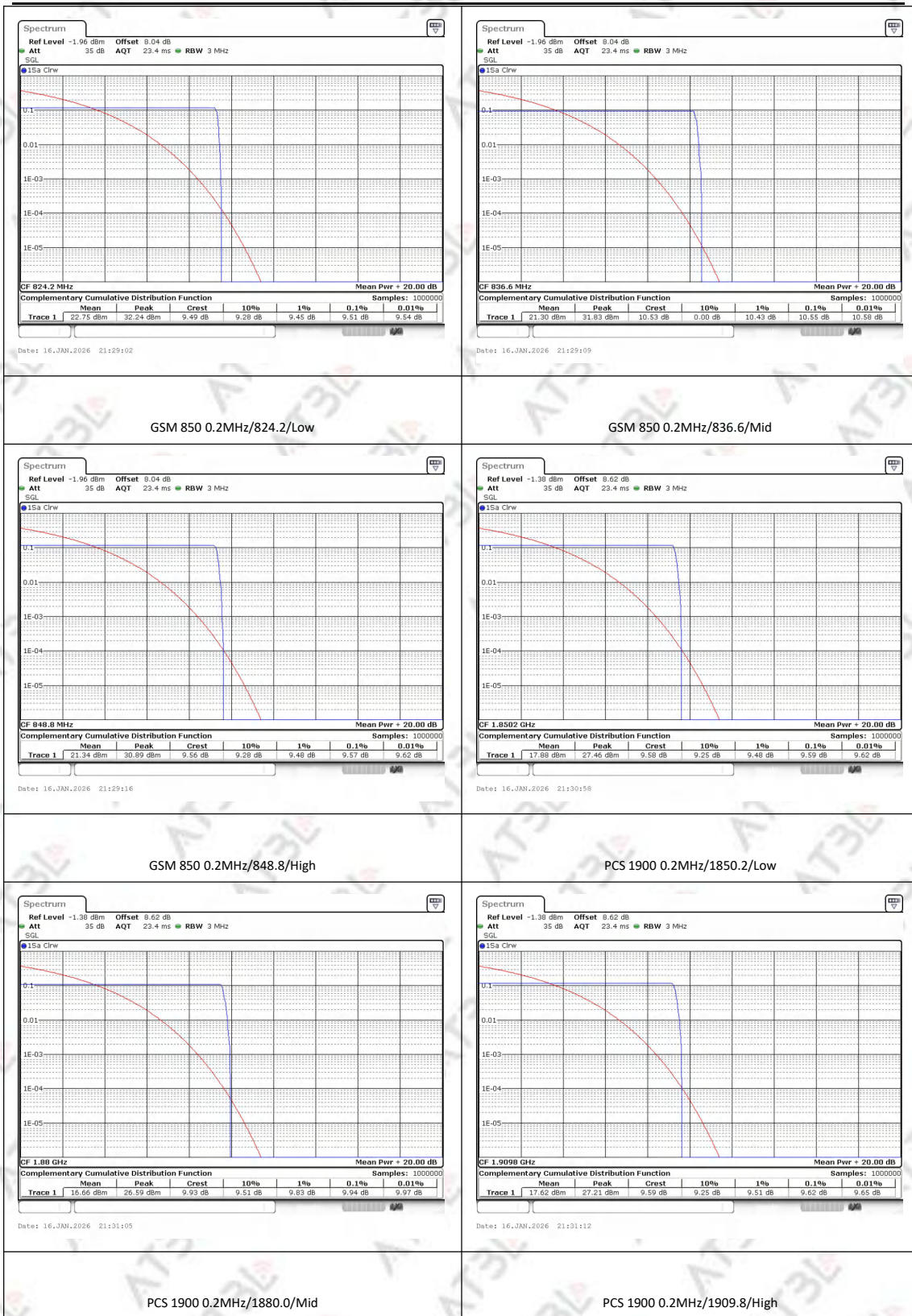
PCS 1900 0.2MHz/1880.0/Mid



PCS 1900 0.2MHz/1909.8/High

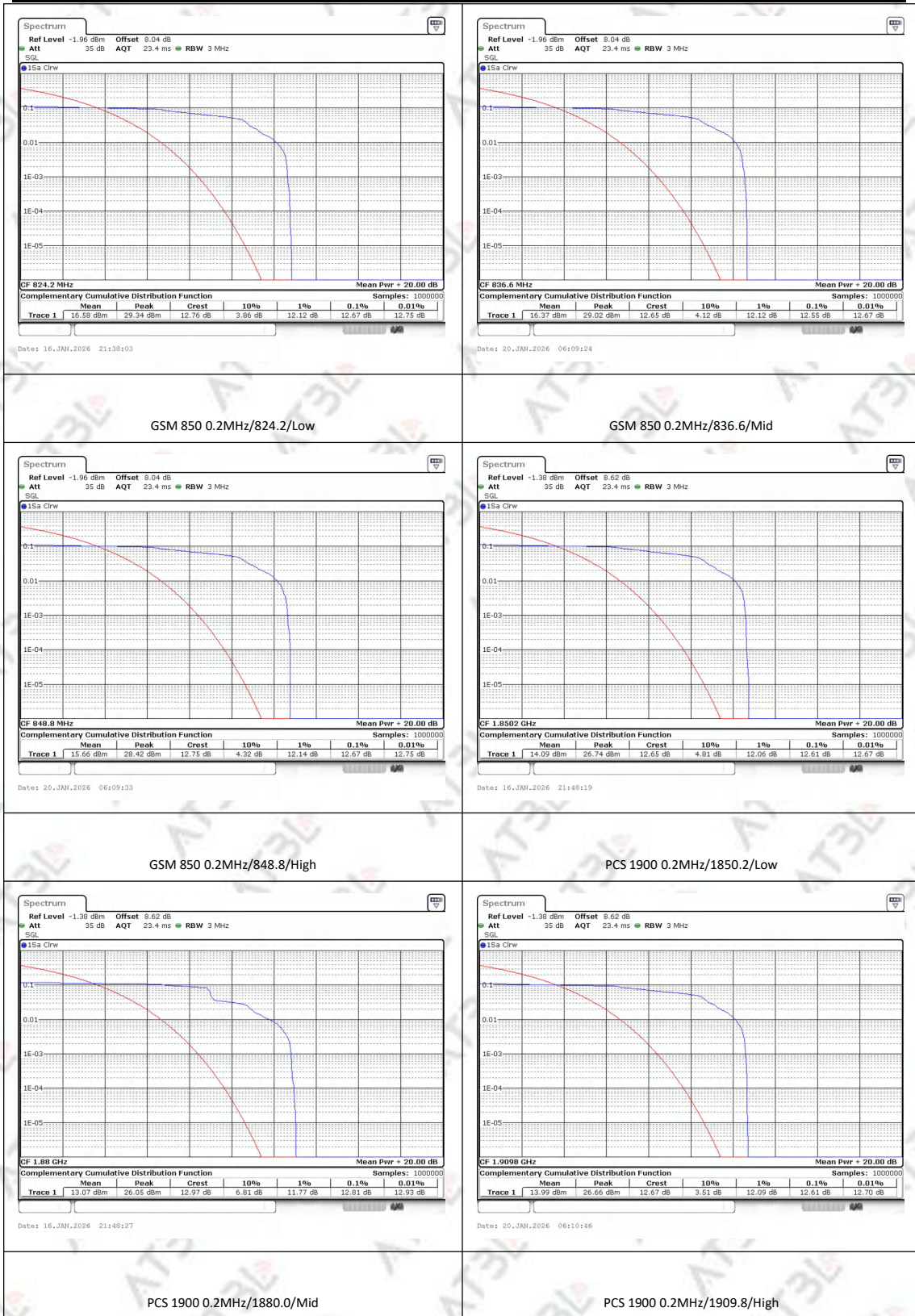
F2-1.Peak to Average Ratio GPRS

Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	9.51	13	PASS
GSM 850	190	836.6	1 Tx	10.55	13	PASS
GSM 850	251	848.8	1 Tx	9.57	13	PASS
PCS 1900	512	1850.2	1 Tx	9.59	13	PASS
PCS 1900	661	1880.0	1 Tx	9.94	13	PASS
PCS 1900	810	1909.8	1 Tx	9.62	13	PASS



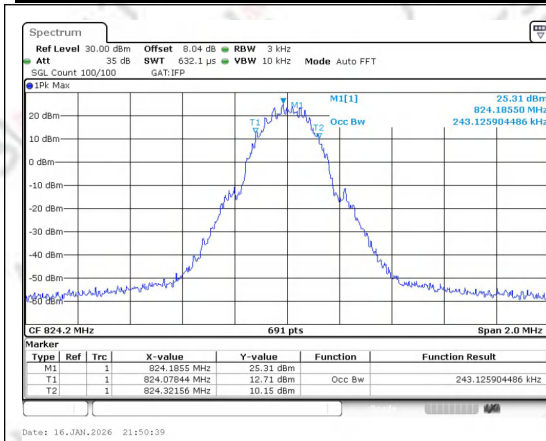
F2-2.Peak to Average Ratio EGPRS

Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	12.67	13	PASS
GSM 850	190	836.6	1 Tx	12.55	13	PASS
GSM 850	251	848.8	1 Tx	12.67	13	PASS
PCS 1900	512	1850.2	1 Tx	12.61	13	PASS
PCS 1900	661	1880.0	1 Tx	12.81	13	PASS
PCS 1900	810	1909.8	1 Tx	12.61	13	PASS



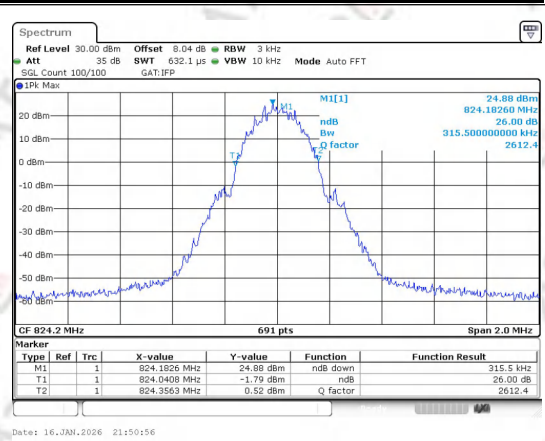
F3.Occupied Bandwidth

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



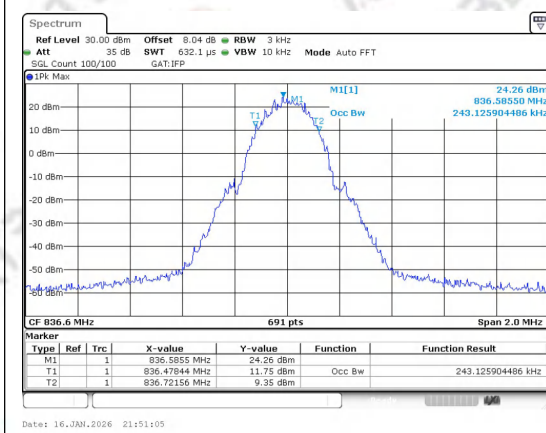
99%OBW

GSM 850 0.2MHz/824.2/Low



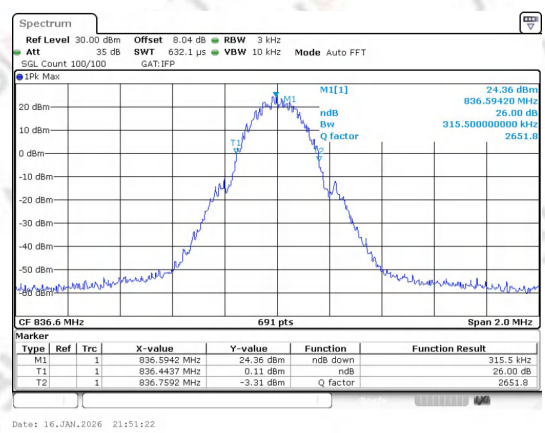
26%OBW

GSM 850 0.2MHz/824.2/Low



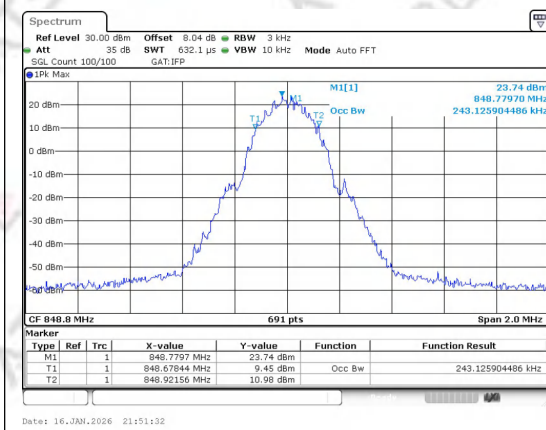
99%OBW

GSM 850 0.2MHz/836.6/Mid



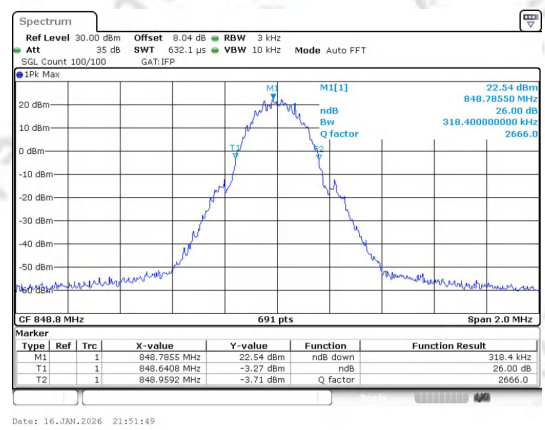
26%OBW

GSM 850 0.2MHz/836.6/Mid



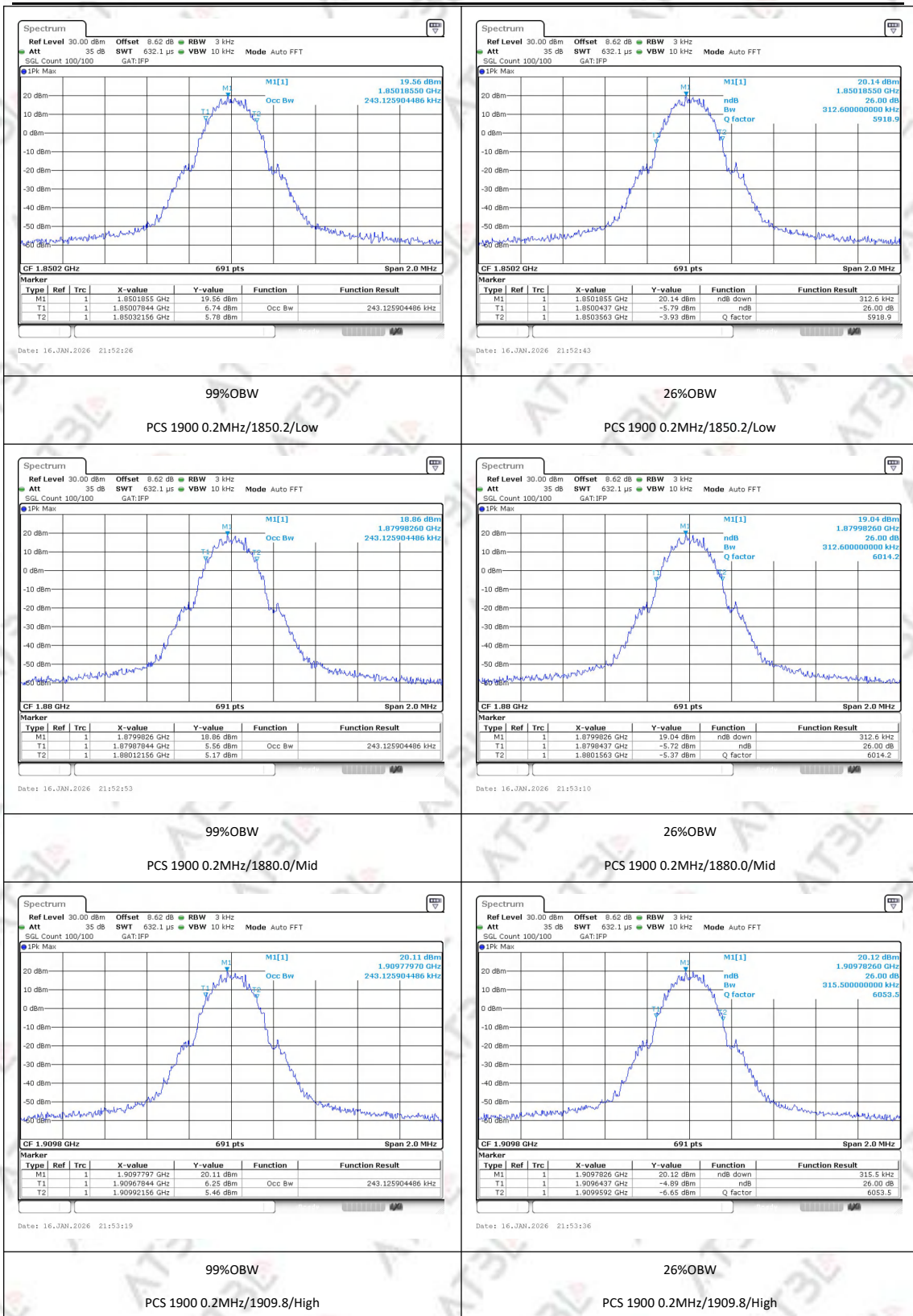
99%OBW

GSM 850 0.2MHz/848.8/High



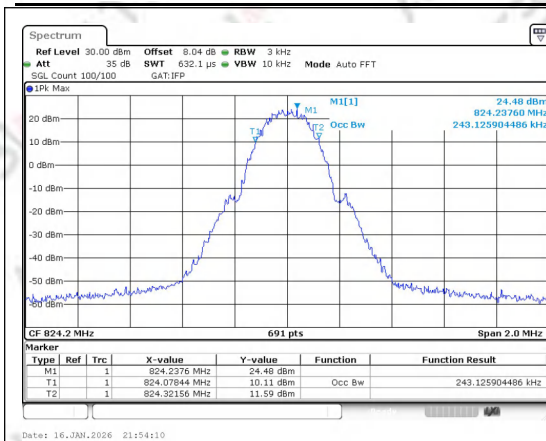
26%OBW

GSM 850 0.2MHz/848.8/High



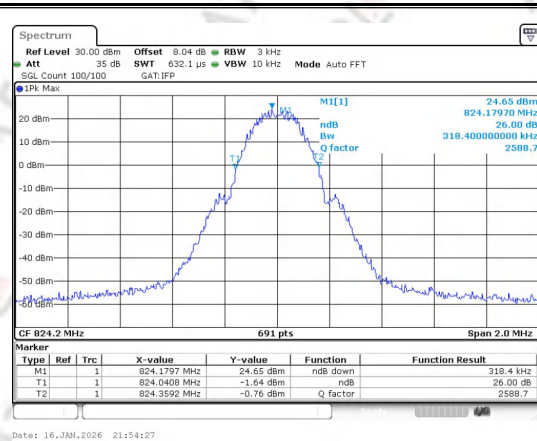
F3-1.Occupied Bandwidth GPRS

Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	1 Tx	0.24313	0.3184	PASS
GSM 850	190	836.6	1 Tx	0.24602	0.3184	PASS
GSM 850	251	848.8	1 Tx	0.24891	0.3184	PASS
PCS 1900	512	1850.2	1 Tx	0.24313	0.3184	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3126	PASS
PCS 1900	810	1909.8	1 Tx	0.24313	0.3184	PASS



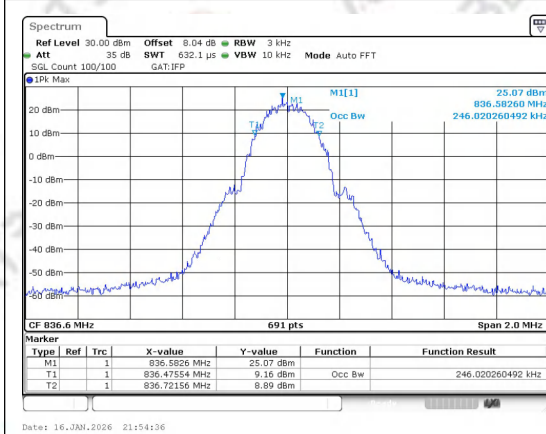
99%OBW

GSM 850 0.2MHz/824.2/Low



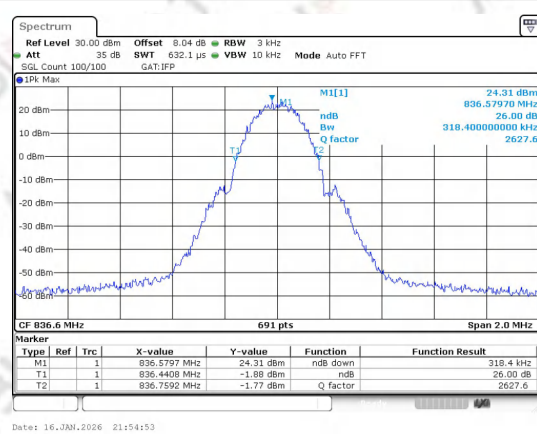
26%OBW

GSM 850 0.2MHz/824.2/Low



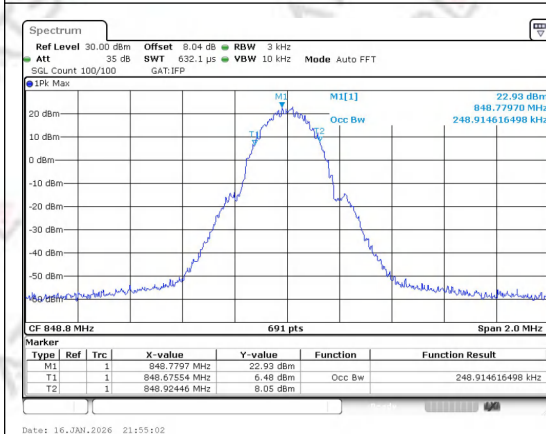
99%OBW

GSM 850 0.2MHz/836.6/Mid



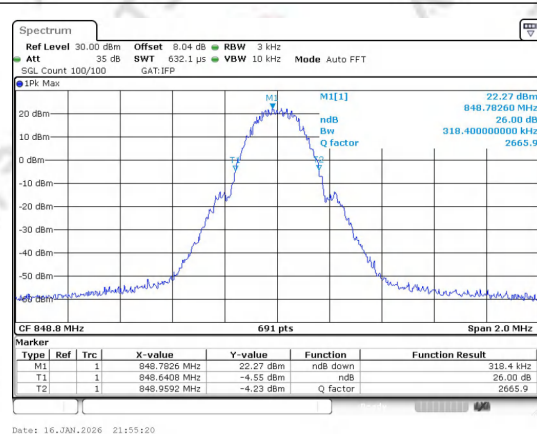
26%OBW

GSM 850 0.2MHz/836.6/Mid



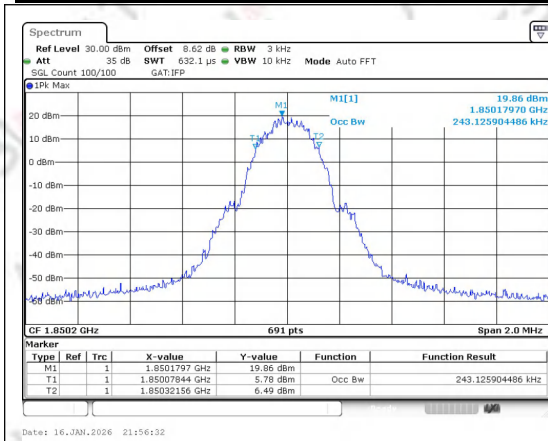
99%OBW

GSM 850 0.2MHz/848.8/High



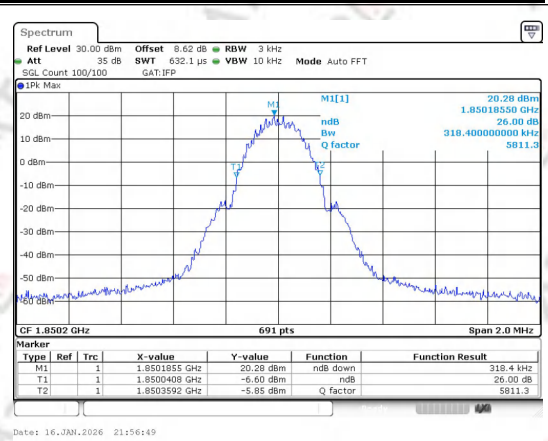
26%OBW

GSM 850 0.2MHz/848.8/High



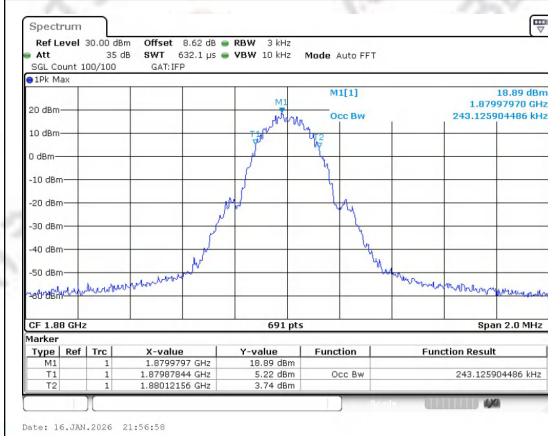
99%OBW

PCS 1900 0.2MHz/1850.2/Low



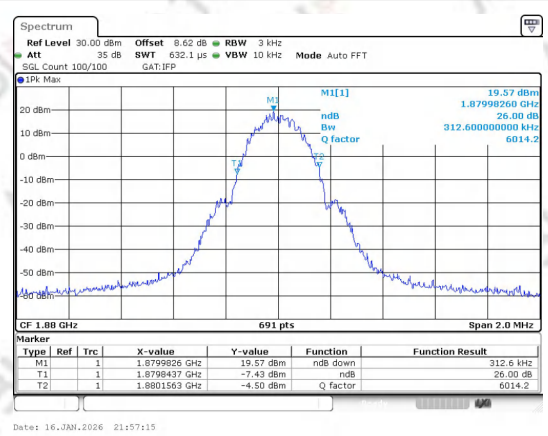
26%OBW

PCS 1900 0.2MHz/1850.2/Low



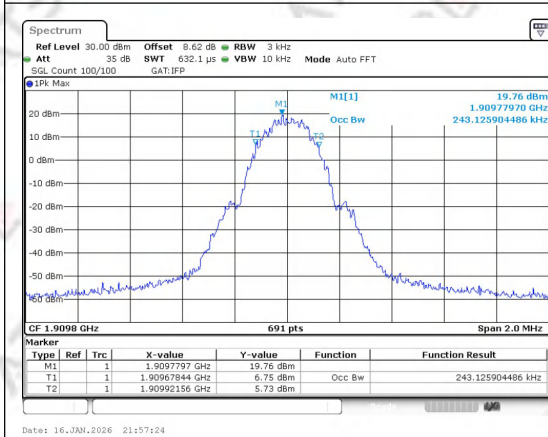
99%OBW

PCS 1900 0.2MHz/1880.0/Mid



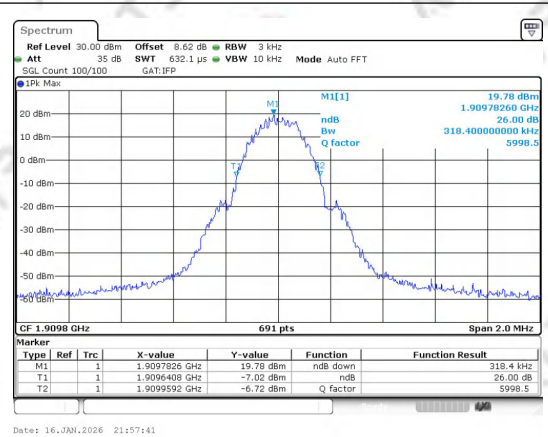
26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

PCS 1900 0.2MHz/1909.8/High

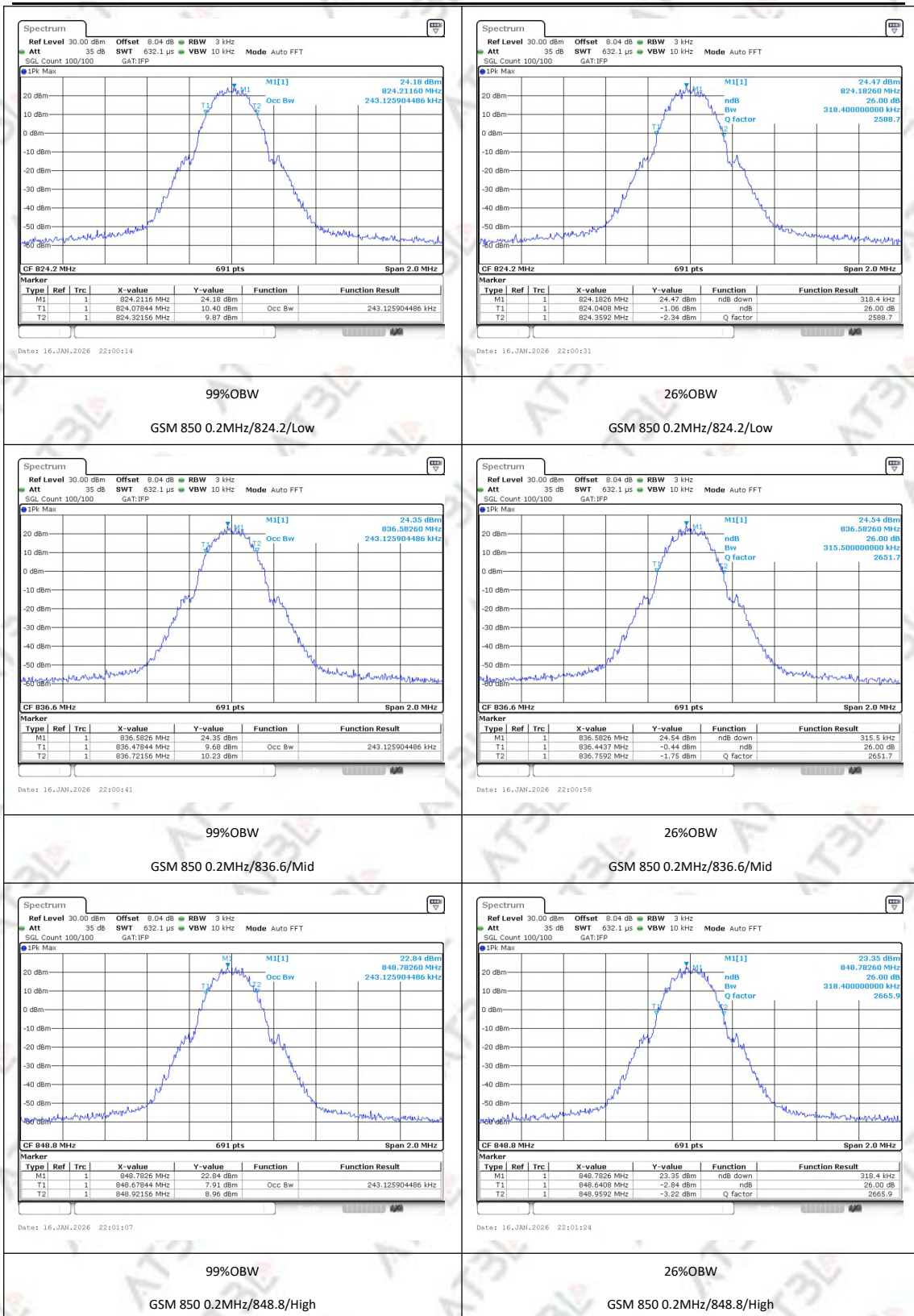


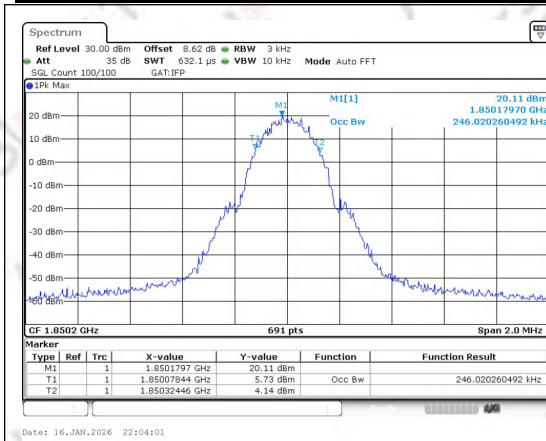
26%OBW

PCS 1900 0.2MHz/1909.8/High

F3-2.Occupied Bandwidth EGPRS

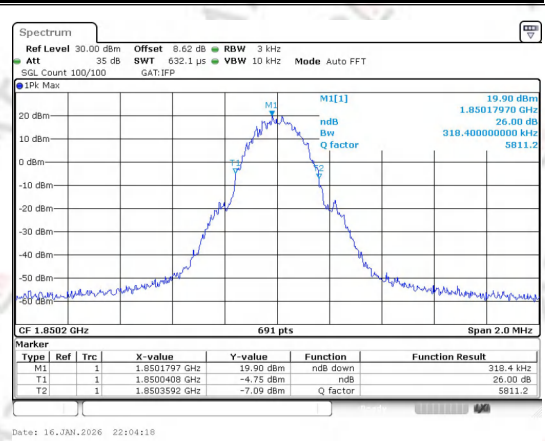
Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	1 Tx	0.24313	0.3184	PASS
GSM 850	190	836.6	1 Tx	0.24313	0.3155	PASS
GSM 850	251	848.8	1 Tx	0.24313	0.3184	PASS
PCS 1900	512	1850.2	1 Tx	0.24602	0.3184	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3184	PASS
PCS 1900	810	1909.8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





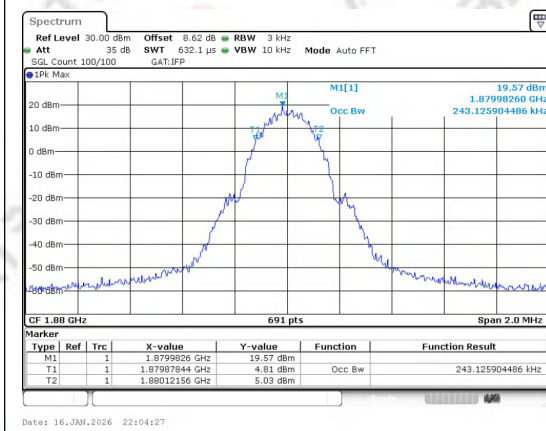
99%OBW

PCS 1900 0.2MHz/1850.2/Low



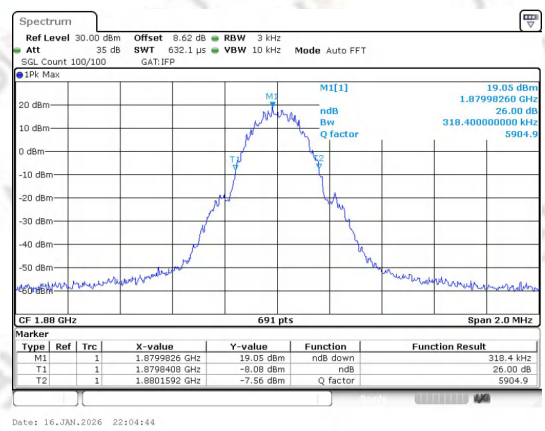
26%OBW

PCS 1900 0.2MHz/1850.2/Low



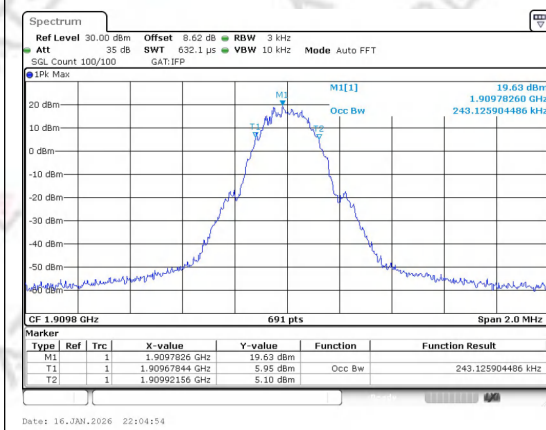
99%OBW

PCS 1900 0.2MHz/1880.0/Mid



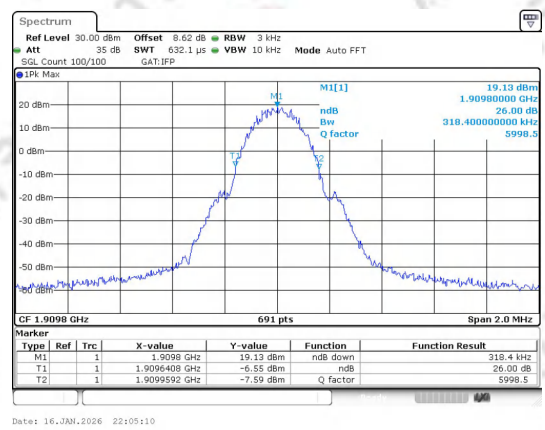
26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

PCS 1900 0.2MHz/1909.8/High

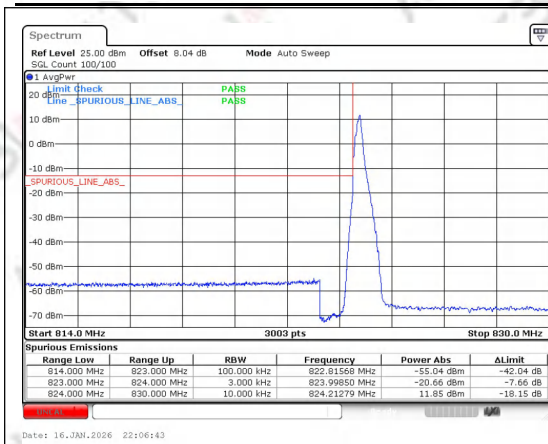


26%OBW

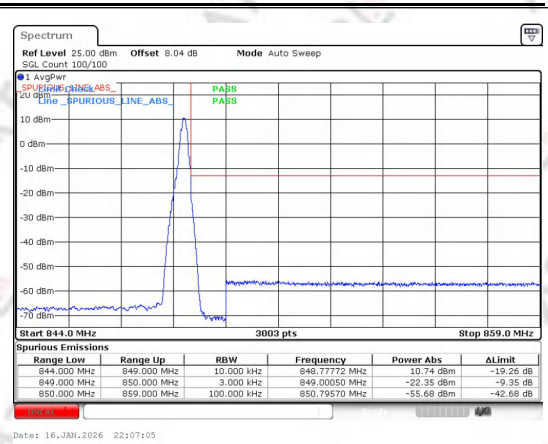
PCS 1900 0.2MHz/1909.8/High

F4.Conducted Band Edge

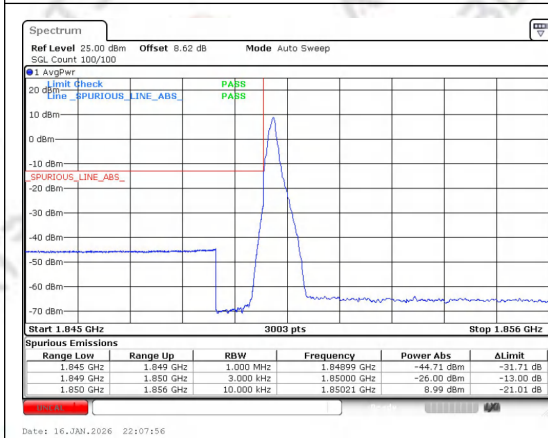
Band	Channel	Freq (MHz)	Result	Verdict
GSM 850	128	824.2	see graph	PASS
GSM 850	251	848.8	see graph	PASS
PCS 1900	512	1850.2	see graph	PASS
PCS 1900	810	1909.8	see graph	PASS



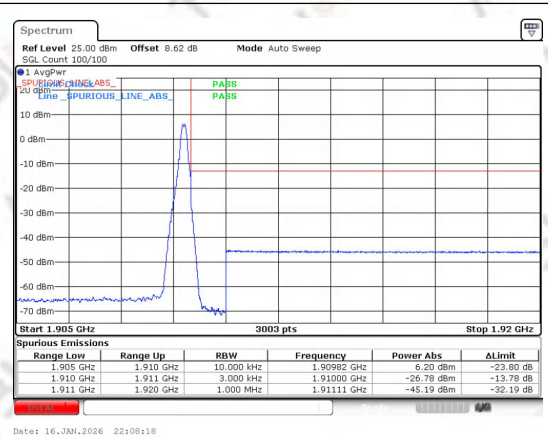
GSM 850 0.2MHz/824.2/Low



GSM 850 0.2MHz/848.8/High



PCS 1900 0.2MHz/1850.2/Low



PCS 1900 0.2MHz/1909.8/High