

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	32.45	27.91	0.618	38.45	PASS
GSM 850	190	836.6	32.57	28.03	0.635	38.45	PASS
GSM 850	251	848.8	32.51	27.97	0.627	38.45	PASS
PCS 1900	512	1850.2	27.46	25.73	0.374	33	PASS
PCS 1900	661	1880.0	27.51	25.78	0.378	33	PASS
PCS 1900	810	1909.8	27.71	25.98	0.396	33	PASS

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

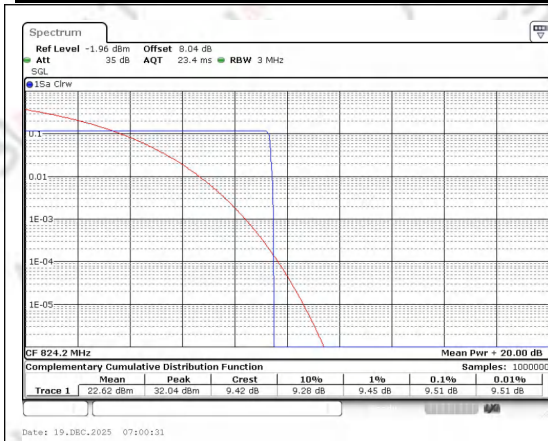
Band	Channel	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	GMSK	1 Tx	32.46	27.92	0.619	38.45	PASS
GSM 850	128	824.2	GMSK	2 Tx	30.28	25.74	0.375	38.45	PASS
GSM 850	128	824.2	GMSK	3 Tx	28.3	23.76	0.238	38.45	PASS
GSM 850	128	824.2	GMSK	4 Tx	26.16	21.62	0.145	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	32.51	27.97	0.627	38.45	PASS
GSM 850	190	836.6	GMSK	2 Tx	30.4	25.86	0.385	38.45	PASS
GSM 850	190	836.6	GMSK	3 Tx	28.46	23.92	0.247	38.45	PASS
GSM 850	190	836.6	GMSK	4 Tx	26.36	21.82	0.152	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	32.47	27.93	0.621	38.45	PASS
GSM 850	251	848.8	GMSK	2 Tx	30.47	25.93	0.392	38.45	PASS
GSM 850	251	848.8	GMSK	3 Tx	28.64	24.1	0.257	38.45	PASS
GSM 850	251	848.8	GMSK	4 Tx	26.58	22.04	0.160	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	27.51	25.78	0.378	33	PASS
PCS 1900	512	1850.2	GMSK	2 Tx	25.23	23.5	0.224	33	PASS
PCS 1900	512	1850.2	GMSK	3 Tx	23.81	22.08	0.161	33	PASS
PCS 1900	512	1850.2	GMSK	4 Tx	21.86	20.13	0.103	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	27.56	25.83	0.383	33	PASS
PCS 1900	661	1880.0	GMSK	2 Tx	25.28	23.55	0.226	33	PASS
PCS 1900	661	1880.0	GMSK	3 Tx	23.85	22.12	0.163	33	PASS
PCS 1900	661	1880.0	GMSK	4 Tx	21.88	20.15	0.104	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	27.72	25.99	0.397	33	PASS
PCS 1900	810	1909.8	GMSK	2 Tx	25.45	23.72	0.236	33	PASS
PCS 1900	810	1909.8	GMSK	3 Tx	23.98	22.25	0.168	33	PASS
PCS 1900	810	1909.8	GMSK	4 Tx	21.99	20.26	0.106	33	PASS

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

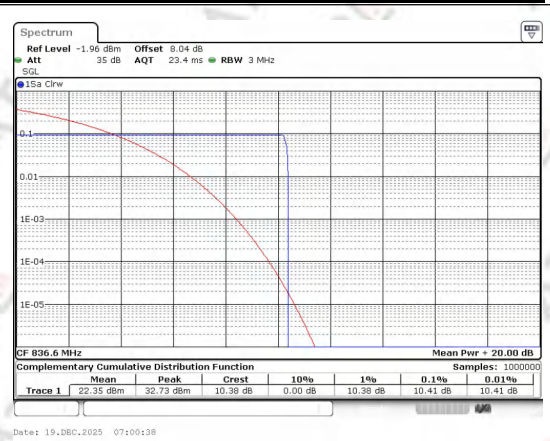
Band	Channel	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	GMSK	1 Tx	24.68	20.14	0.10328	38.45	PASS
GSM 850	128	824.2	GMSK	2 Tx	23.15	18.61	0.07261	38.45	PASS
GSM 850	128	824.2	GMSK	3 Tx	21.14	16.6	0.04571	38.45	PASS
GSM 850	128	824.2	GMSK	4 Tx	18.07	13.53	0.02254	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	24.84	20.3	0.10715	38.45	PASS
GSM 850	190	836.6	GMSK	2 Tx	23.66	19.12	0.08166	38.45	PASS
GSM 850	190	836.6	GMSK	3 Tx	21.08	16.54	0.04508	38.45	PASS
GSM 850	190	836.6	GMSK	4 Tx	18.56	14.02	0.02523	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	24.88	20.34	0.10814	38.45	PASS
GSM 850	251	848.8	GMSK	2 Tx	24.08	19.54	0.08995	38.45	PASS
GSM 850	251	848.8	GMSK	3 Tx	21.11	16.57	0.04539	38.45	PASS
GSM 850	251	848.8	GMSK	4 Tx	18.81	14.27	0.02673	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	25.7	23.97	0.24946	33	PASS
PCS 1900	512	1850.2	GMSK	2 Tx	24.07	22.34	0.17140	33	PASS
PCS 1900	512	1850.2	GMSK	3 Tx	21.63	19.9	0.09772	33	PASS
PCS 1900	512	1850.2	GMSK	4 Tx	19.53	17.8	0.06026	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	24.95	23.22	0.20989	33	PASS
PCS 1900	661	1880.0	GMSK	2 Tx	23.33	21.6	0.14454	33	PASS
PCS 1900	661	1880.0	GMSK	3 Tx	21.0	19.27	0.08453	33	PASS
PCS 1900	661	1880.0	GMSK	4 Tx	18.78	17.05	0.05070	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	24.66	22.93	0.19634	33	PASS
PCS 1900	810	1909.8	GMSK	2 Tx	23.57	21.84	0.15276	33	PASS
PCS 1900	810	1909.8	GMSK	3 Tx	21.11	19.38	0.08670	33	PASS
PCS 1900	810	1909.8	GMSK	4 Tx	19.37	17.64	0.05808	33	PASS

F2.Peak to Average Ratio

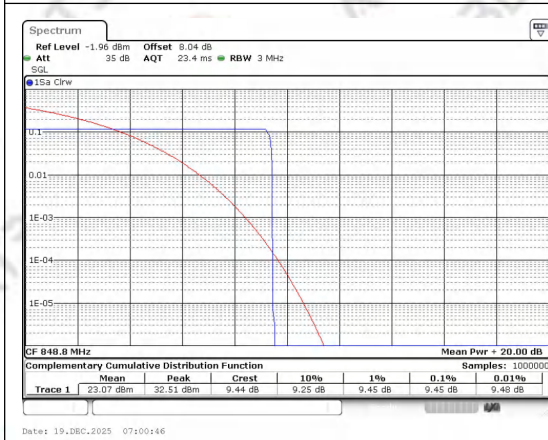
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	9.51	13	PASS
GSM 850	190	836.6	10.41	13	PASS
GSM 850	251	848.8	9.45	13	PASS
PCS 1900	512	1850.2	10.43	13	PASS
PCS 1900	661	1880.0	8.96	13	PASS
PCS 1900	810	1909.8	10.41	13	PASS



GSM 850 0.2MHz/824.2/Low



GSM 850 0.2MHz/836.6/Mid



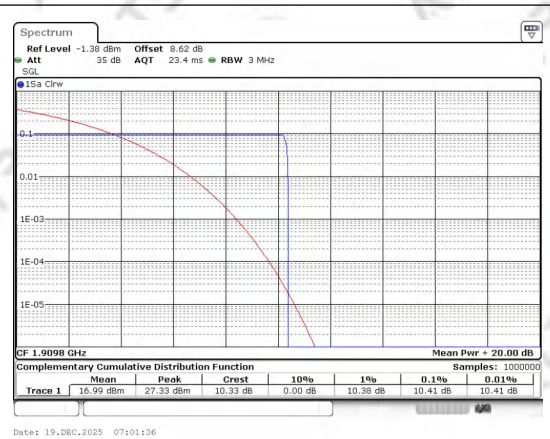
GSM 850 0.2MHz/848.8/High



PCS 1900 0.2MHz/1850.2/Low



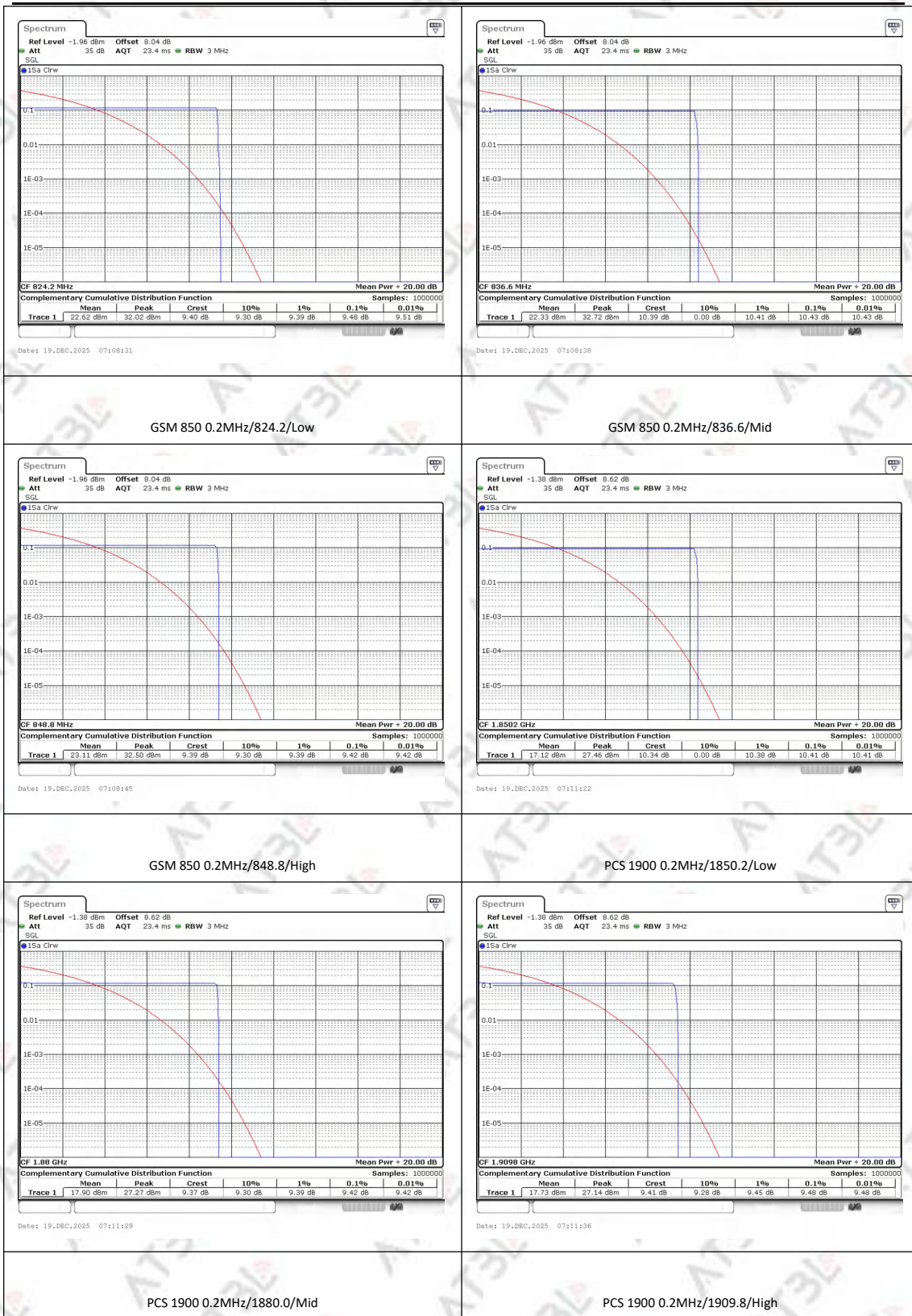
PCS 1900 0.2MHz/1880.0/Mid



PCS 1900 0.2MHz/1909.8/High

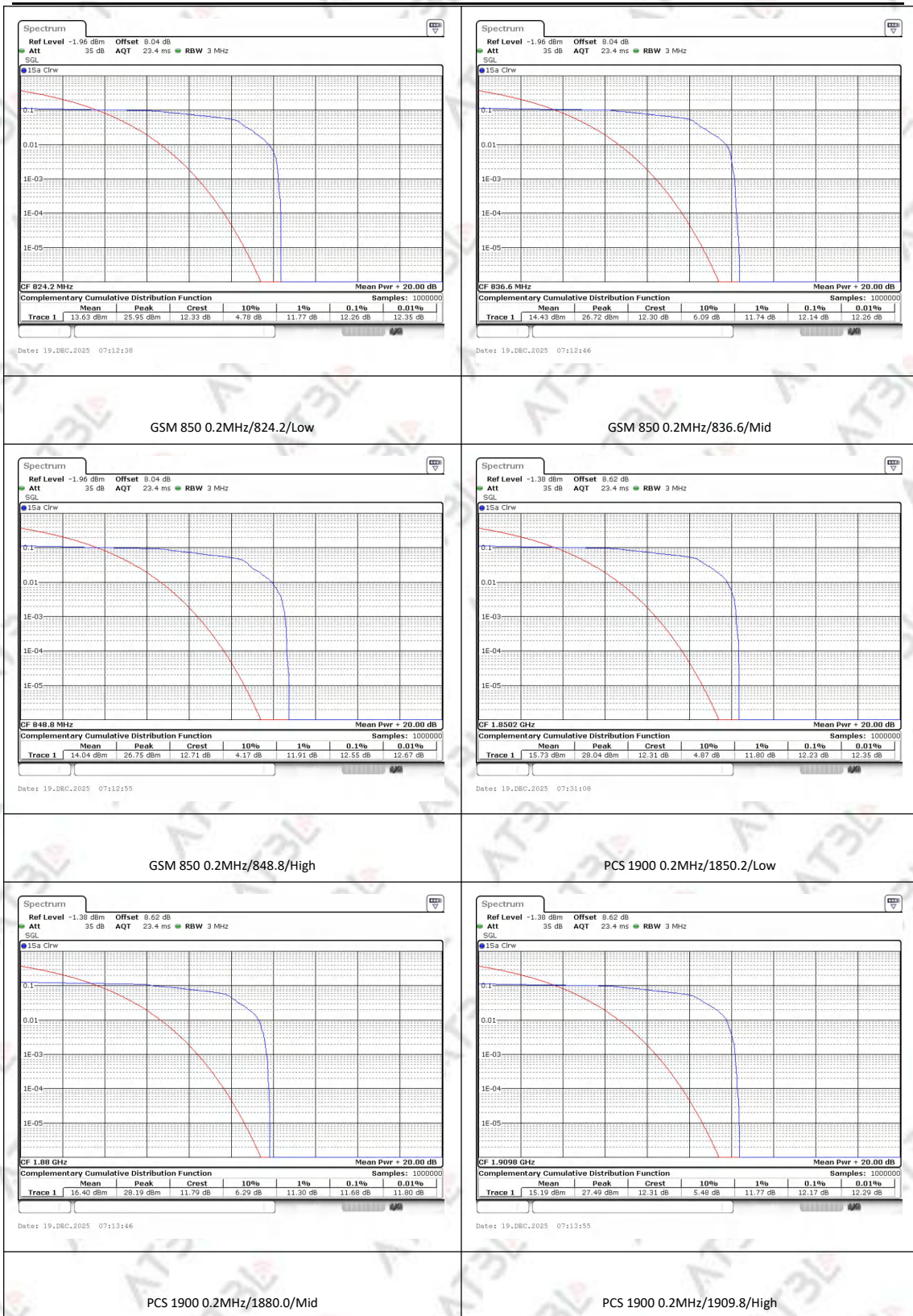
F2-1.Peak to Average Ratio GPRS

Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	9.48	13	PASS
GSM 850	190	836.6	1 Tx	10.43	13	PASS
GSM 850	251	848.8	1 Tx	9.42	13	PASS
PCS 1900	512	1850.2	1 Tx	10.41	13	PASS
PCS 1900	661	1880.0	1 Tx	9.42	13	PASS
PCS 1900	810	1909.8	1 Tx	9.48	13	PASS



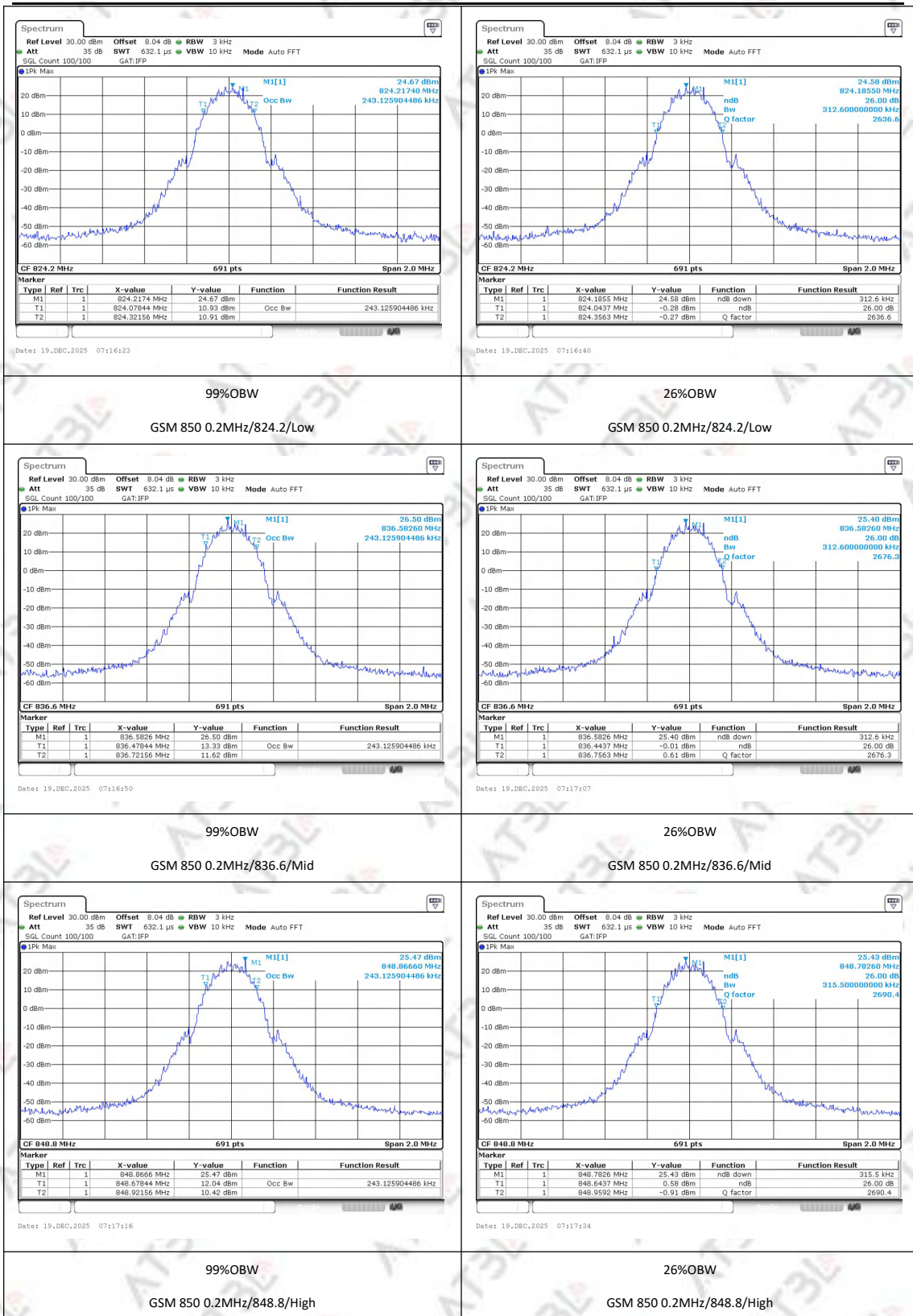
F2-2.Peak to Average Ratio EGPRS

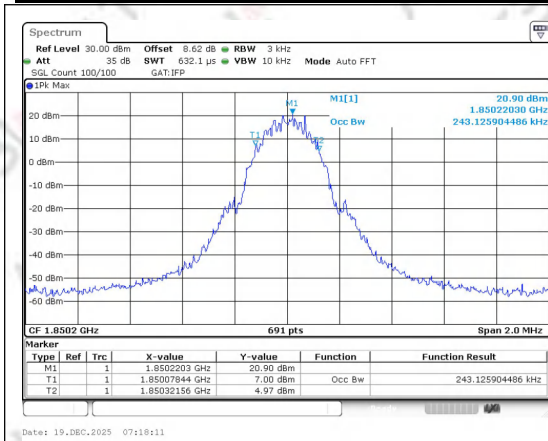
Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	12.26	13	PASS
GSM 850	190	836.6	1 Tx	12.14	13	PASS
GSM 850	251	848.8	1 Tx	12.55	13	PASS
PCS 1900	512	1850.2	1 Tx	12.23	13	PASS
PCS 1900	661	1880.0	1 Tx	11.68	13	PASS
PCS 1900	810	1909.8	1 Tx	12.17	13	PASS



F3.Occupied Bandwidth

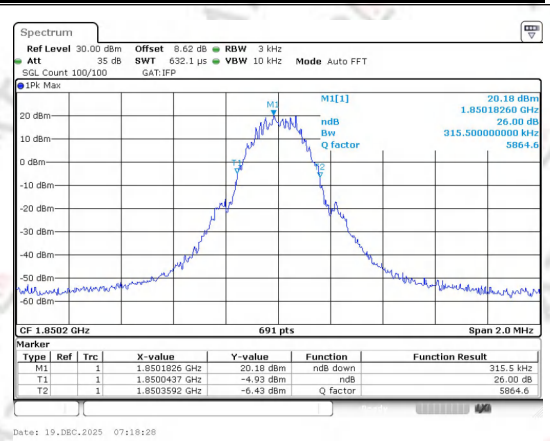
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	0.24313	0.3126	PASS
GSM 850	190	836.6	0.24313	0.3126	PASS
GSM 850	251	848.8	0.24313	0.3155	PASS
PCS 1900	512	1850.2	0.24313	0.3155	PASS
PCS 1900	661	1880.0	0.24313	0.3155	PASS
PCS 1900	810	1909.8	0.24313	0.3097	PASS





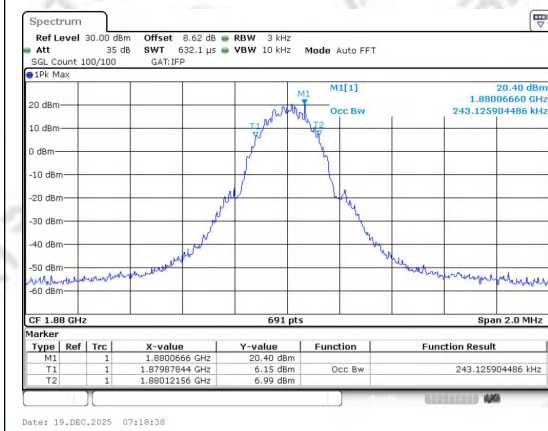
99%OBW

PCS 1900 0.2MHz/1850.2/Low



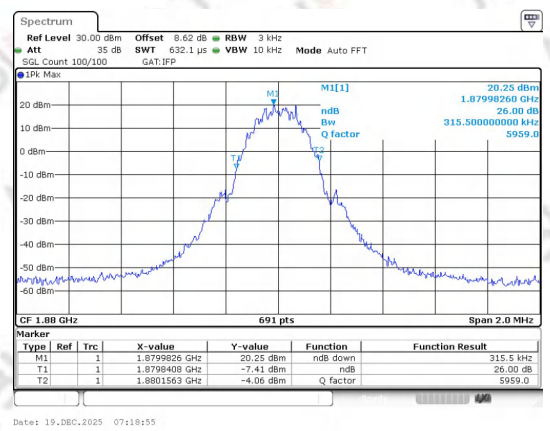
26%OBW

PCS 1900 0.2MHz/1850.2/Low



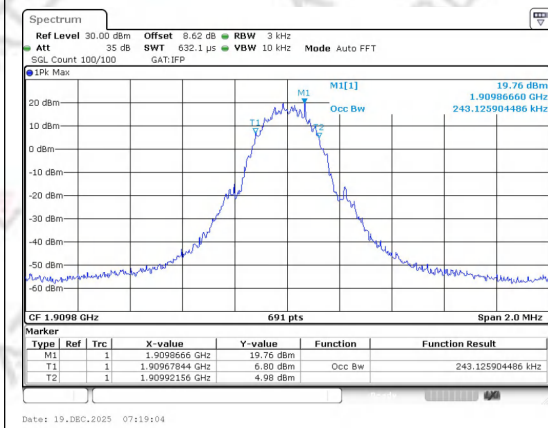
99%OBW

PCS 1900 0.2MHz/1880.0/Mid



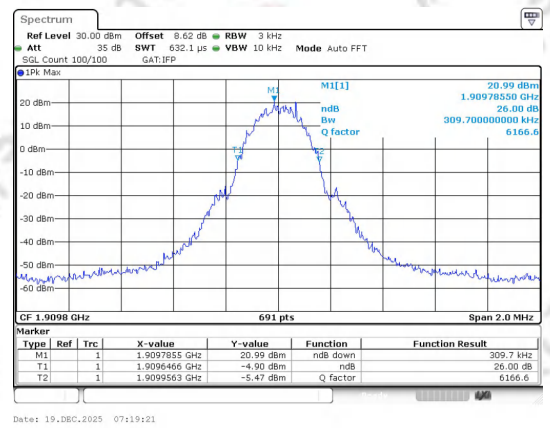
26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

PCS 1900 0.2MHz/1909.8/High

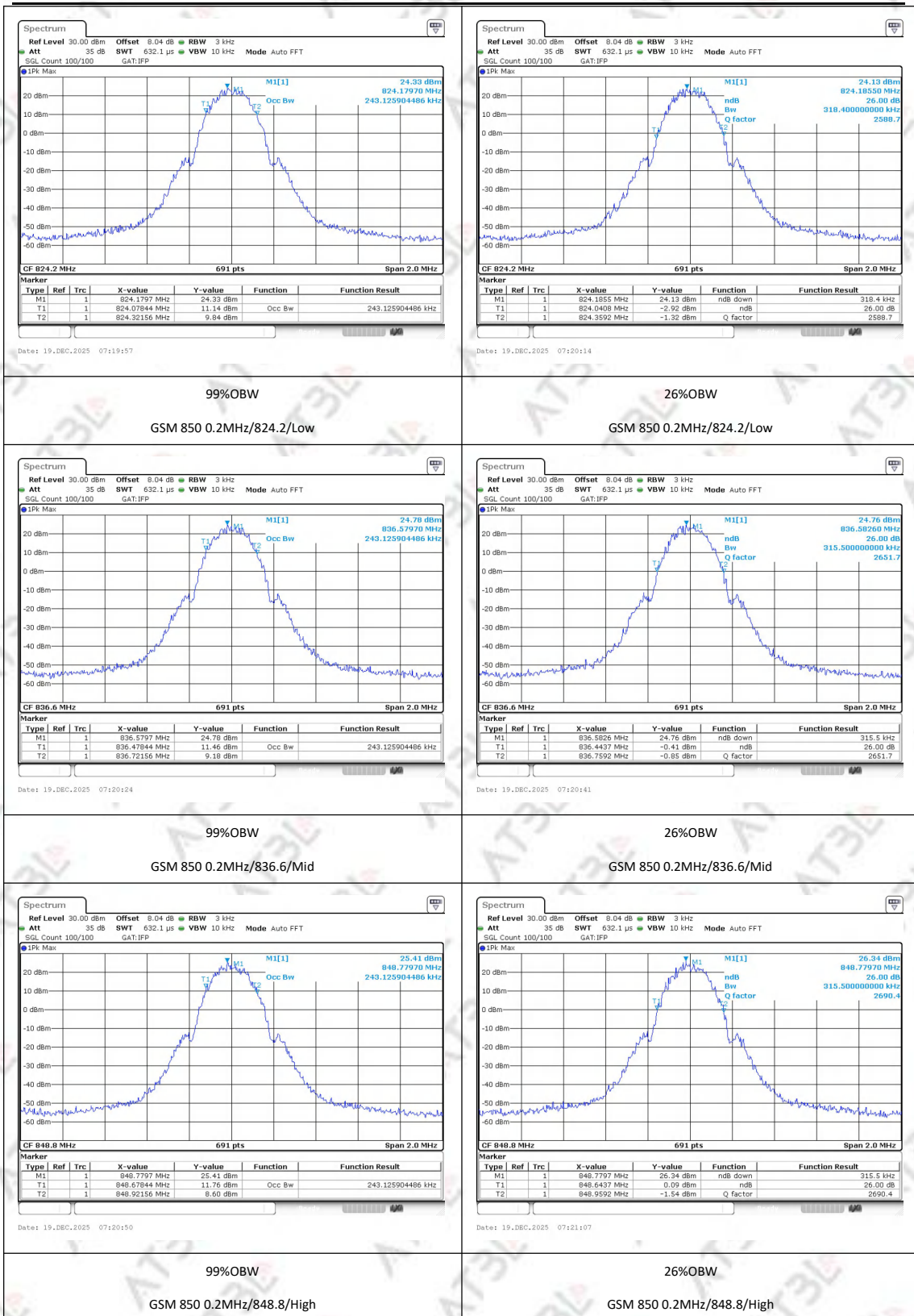


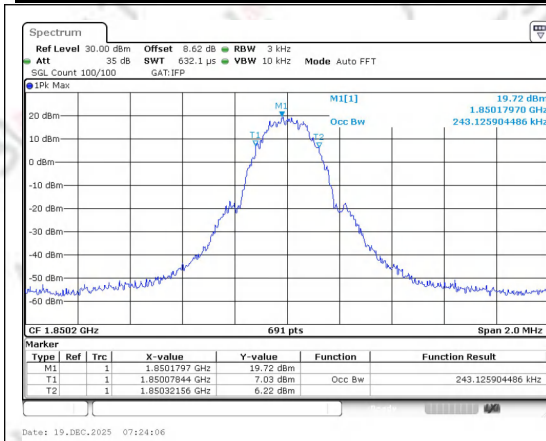
26%OBW

PCS 1900 0.2MHz/1909.8/High

F3-1.Occupied Bandwidth GPRS

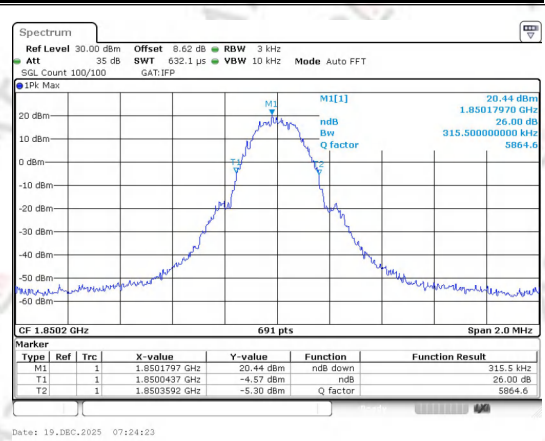
Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	1 Tx	0.24313	0.3184	PASS
GSM 850	190	836.6	1 Tx	0.24313	0.3155	PASS
GSM 850	251	848.8	1 Tx	0.24313	0.3155	PASS
PCS 1900	512	1850.2	1 Tx	0.24313	0.3155	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3184	PASS
PCS 1900	810	1909.8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





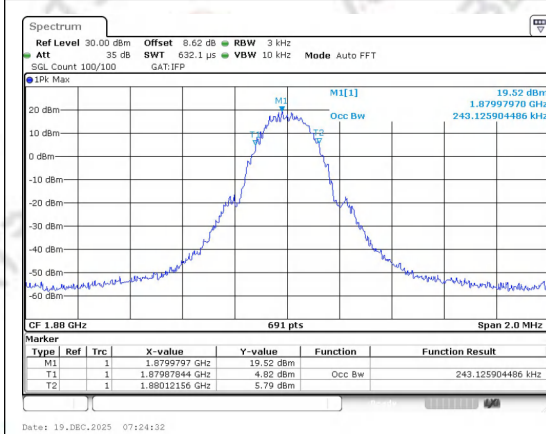
99%OBW

PCS 1900 0.2MHz/1850.2/Low



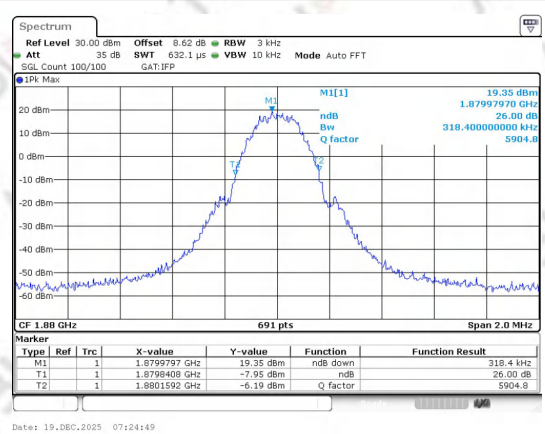
26%OBW

PCS 1900 0.2MHz/1850.2/Low



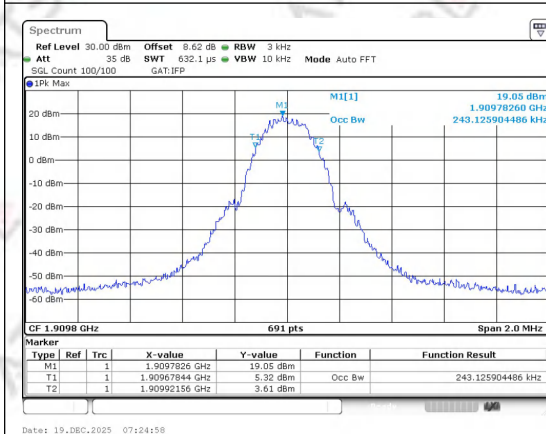
99%OBW

PCS 1900 0.2MHz/1880.0/Mid



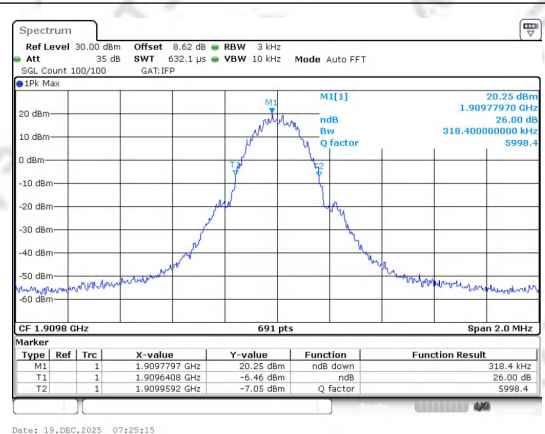
26%OBW

PCS 1900 0.2MHz/1880.0/Mid



99%OBW

PCS 1900 0.2MHz/1909.8/High

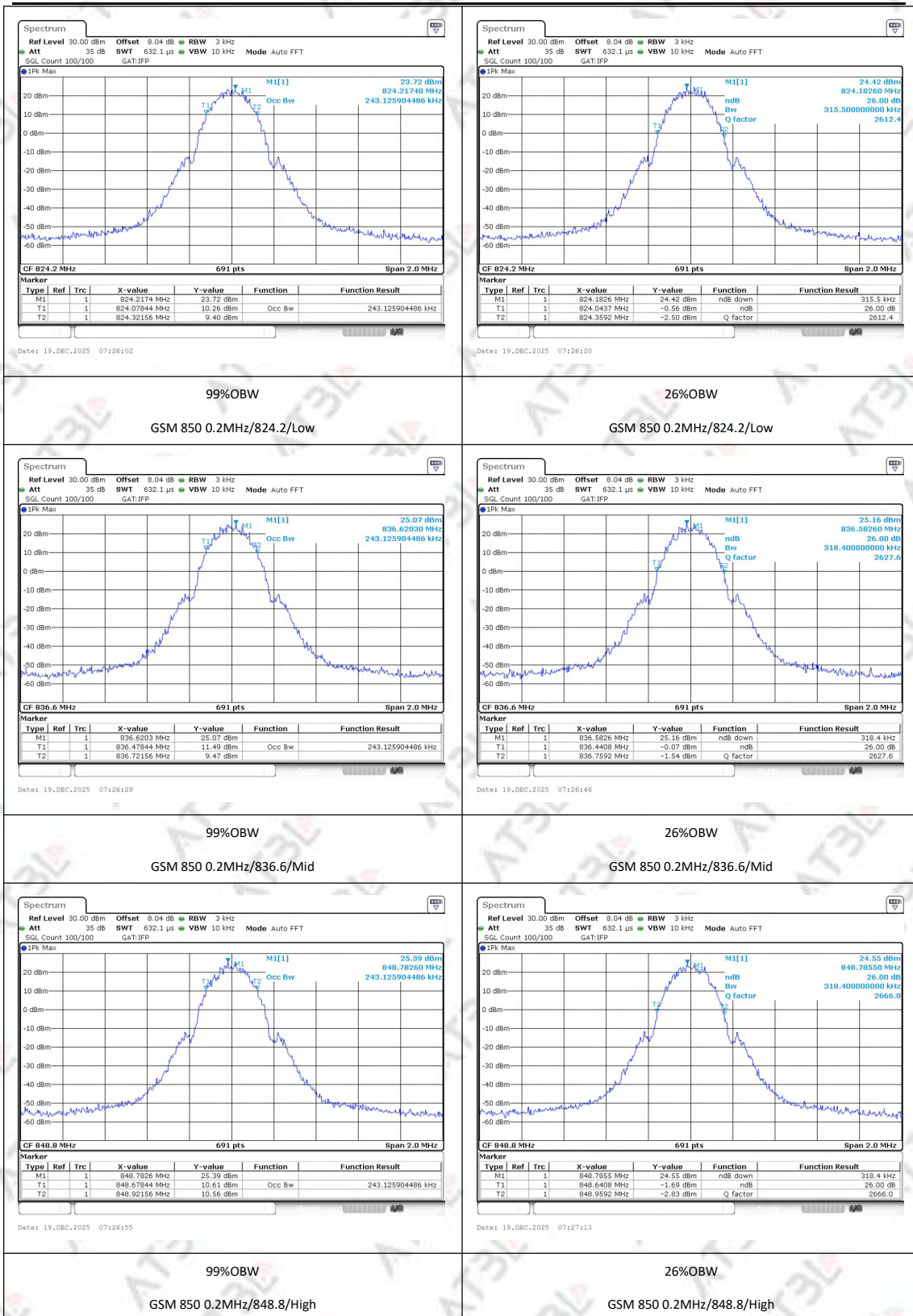


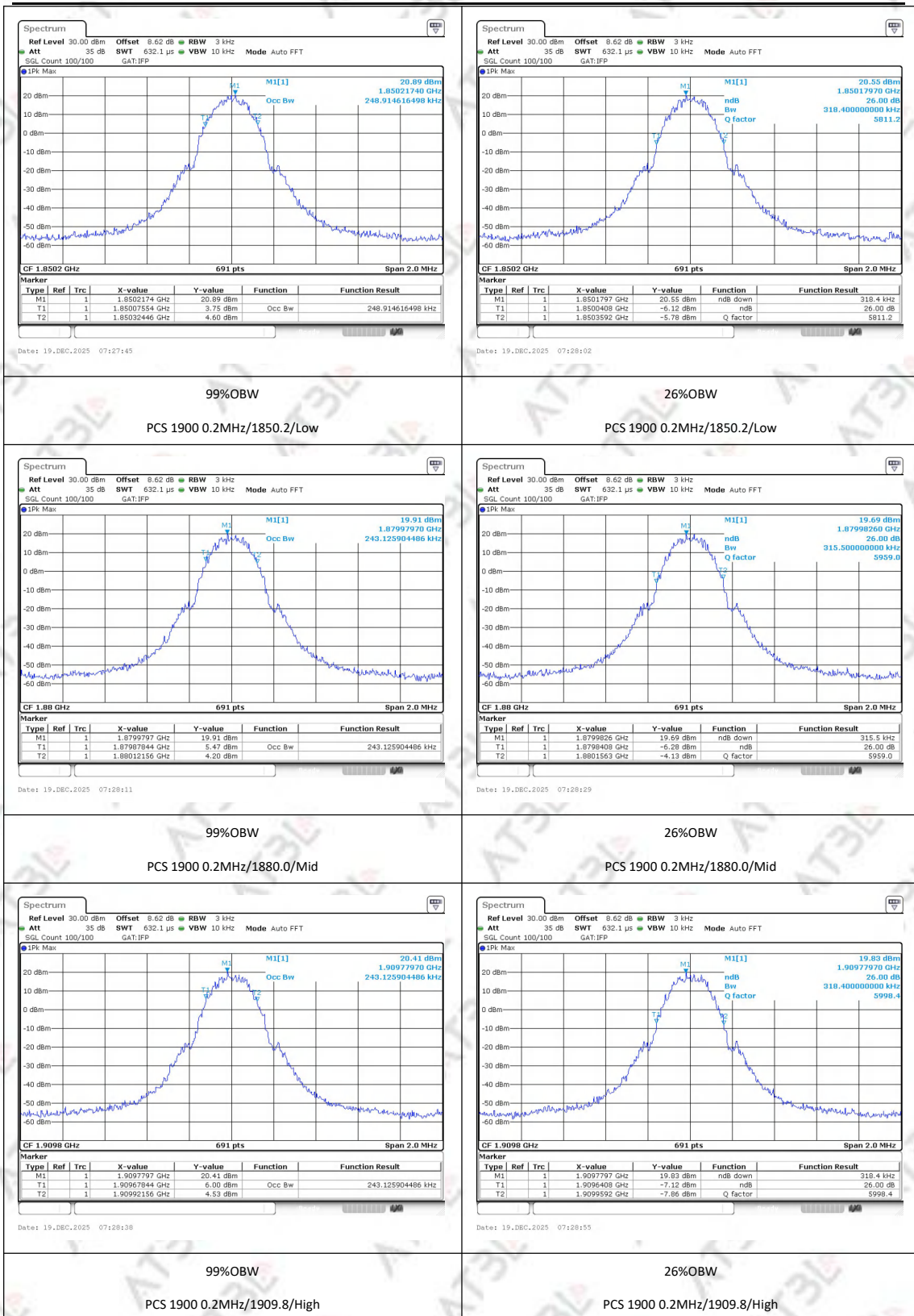
26%OBW

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	0.3155	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	0.24891	0.3184	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3155	PASS
PCS 1900	810	1909.8	1 Tx	0.24313	0.3184	PASS





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

