

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	33.11	28.46	0.7015	38.45	PASS
GSM 850	190	836.6	33.13	28.48	0.7047	38.45	PASS
GSM 850	251	848.8	33.06	28.41	0.6934	38.45	PASS
PCS 1900	512	1850.2	27.95	27.15	0.5188	33	PASS
PCS 1900	661	1880.0	28.13	27.33	0.5408	33	PASS
PCS 1900	810	1909.8	28.45	27.65	0.5821	33	PASS

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

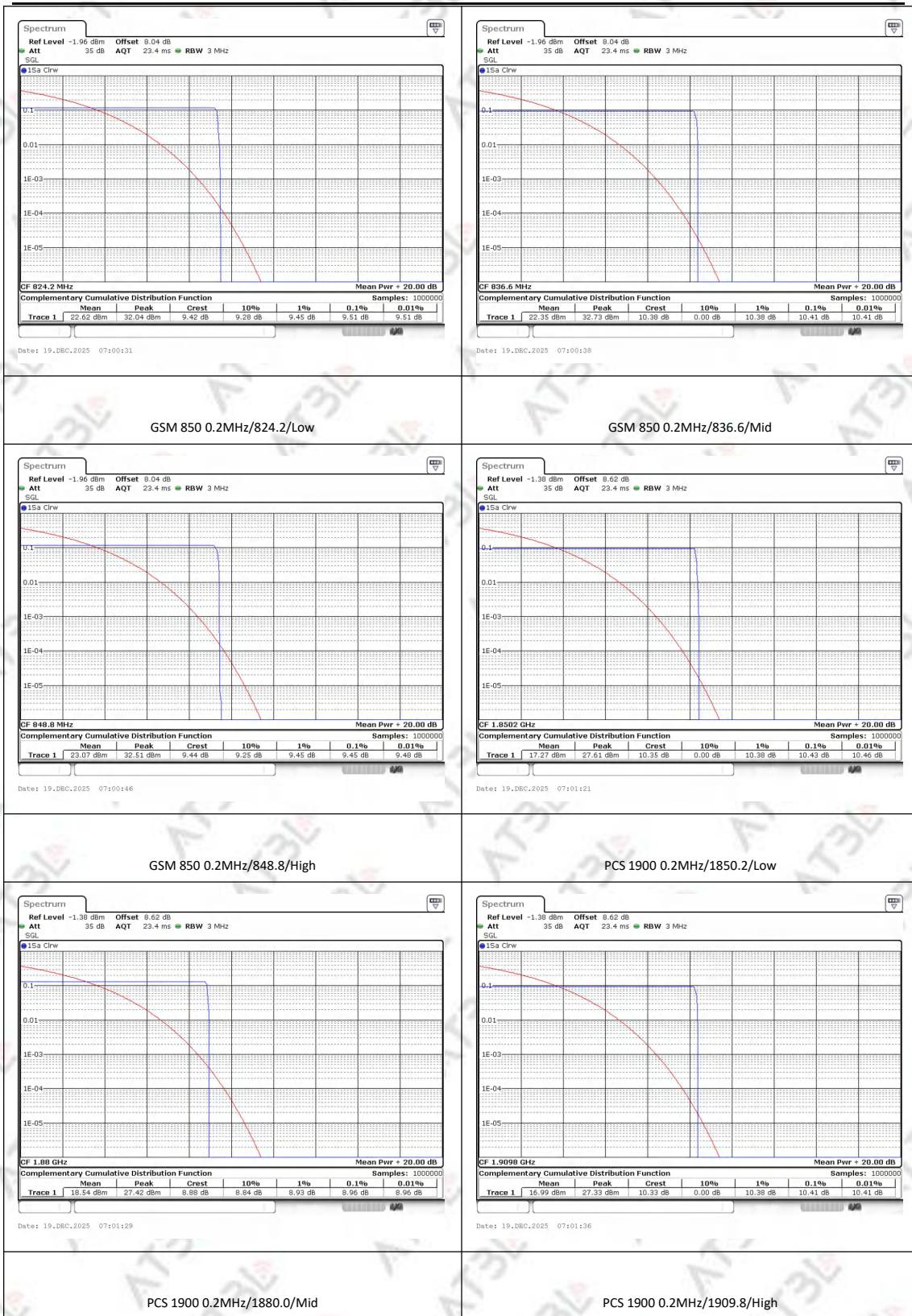
Band	Channel	Freq (MHz)	Modulation	Slots	Conducted Power(dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	128	824.2	GMSK	1 Tx	33.12	28.47	0.7031	38.45	PASS
GSM 850	128	824.2	GMSK	2 Tx	31.02	26.37	0.4335	38.45	PASS
GSM 850	128	824.2	GMSK	3 Tx	29.05	24.4	0.2754	38.45	PASS
GSM 850	128	824.2	GMSK	4 Tx	26.9	22.25	0.1679	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	33.09	28.44	0.6982	38.45	PASS
GSM 850	190	836.6	GMSK	2 Tx	31.09	26.44	0.4406	38.45	PASS
GSM 850	190	836.6	GMSK	3 Tx	29.22	24.57	0.2864	38.45	PASS
GSM 850	190	836.6	GMSK	4 Tx	27.1	22.45	0.1758	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	33.03	28.38	0.6887	38.45	PASS
GSM 850	251	848.8	GMSK	2 Tx	31.09	26.44	0.4406	38.45	PASS
GSM 850	251	848.8	GMSK	3 Tx	29.23	24.58	0.2871	38.45	PASS
GSM 850	251	848.8	GMSK	4 Tx	27.17	22.52	0.1786	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	27.94	27.14	0.5176	33	PASS
PCS 1900	512	1850.2	GMSK	2 Tx	25.92	25.12	0.3251	33	PASS
PCS 1900	512	1850.2	GMSK	3 Tx	24.39	23.59	0.2286	33	PASS
PCS 1900	512	1850.2	GMSK	4 Tx	22.41	21.61	0.1449	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	28.1	27.3	0.537	33	PASS
PCS 1900	661	1880.0	GMSK	2 Tx	26.0	25.2	0.3311	33	PASS
PCS 1900	661	1880.0	GMSK	3 Tx	24.44	23.64	0.2312	33	PASS
PCS 1900	661	1880.0	GMSK	4 Tx	22.44	21.64	0.1459	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	28.42	27.62	0.5781	33	PASS
PCS 1900	810	1909.8	GMSK	2 Tx	26.15	25.35	0.3428	33	PASS
PCS 1900	810	1909.8	GMSK	3 Tx	24.56	23.76	0.2377	33	PASS
PCS 1900	810	1909.8	GMSK	4 Tx	22.58	21.78	0.1507	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	24.7	20.05	0.1012	38.45	PASS
GSM 850	128	824.2	GMSK	2 Tx	31.06	26.41	0.4375	38.45	PASS
GSM 850	128	824.2	GMSK	3 Tx	21.37	16.72	0.047	38.45	PASS
GSM 850	128	824.2	GMSK	4 Tx	19.39	14.74	0.0298	38.45	PASS
GSM 850	190	836.6	GMSK	1 Tx	25.44	20.79	0.1199	38.45	PASS
GSM 850	190	836.6	GMSK	2 Tx	24.46	19.81	0.0957	38.45	PASS
GSM 850	190	836.6	GMSK	3 Tx	21.53	16.88	0.0488	38.45	PASS
GSM 850	190	836.6	GMSK	4 Tx	19.77	15.12	0.0325	38.45	PASS
GSM 850	251	848.8	GMSK	1 Tx	25.42	20.77	0.1194	38.45	PASS
GSM 850	251	848.8	GMSK	2 Tx	24.17	19.52	0.0895	38.45	PASS
GSM 850	251	848.8	GMSK	3 Tx	21.66	17.01	0.0502	38.45	PASS
GSM 850	251	848.8	GMSK	4 Tx	19.92	15.27	0.0337	38.45	PASS
PCS 1900	512	1850.2	GMSK	1 Tx	26.26	25.46	0.3516	33	PASS
PCS 1900	512	1850.2	GMSK	2 Tx	24.28	23.48	0.2228	33	PASS
PCS 1900	512	1850.2	GMSK	3 Tx	22.57	21.77	0.1503	33	PASS
PCS 1900	512	1850.2	GMSK	4 Tx	20.45	19.65	0.0923	33	PASS
PCS 1900	661	1880.0	GMSK	1 Tx	25.41	24.61	0.2891	33	PASS
PCS 1900	661	1880.0	GMSK	2 Tx	23.77	22.97	0.1982	33	PASS
PCS 1900	661	1880.0	GMSK	3 Tx	21.86	21.06	0.1276	33	PASS
PCS 1900	661	1880.0	GMSK	4 Tx	19.73	18.93	0.0782	33	PASS
PCS 1900	810	1909.8	GMSK	1 Tx	25.08	24.28	0.2679	33	PASS
PCS 1900	810	1909.8	GMSK	2 Tx	23.17	22.37	0.1726	33	PASS
PCS 1900	810	1909.8	GMSK	3 Tx	24.6	23.8	0.2399	33	PASS
PCS 1900	810	1909.8	GMSK	4 Tx	19.54	18.74	0.0748	33	PASS

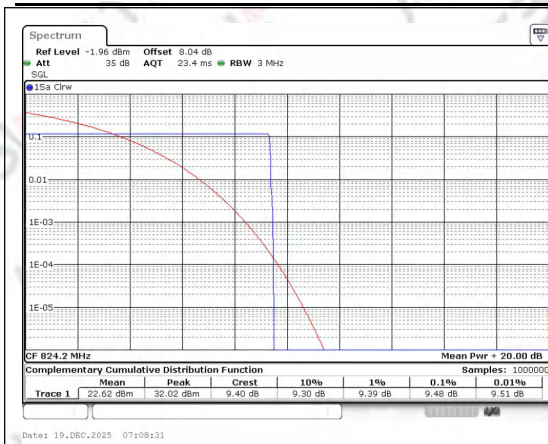
F2.Peak to Average Ratio

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

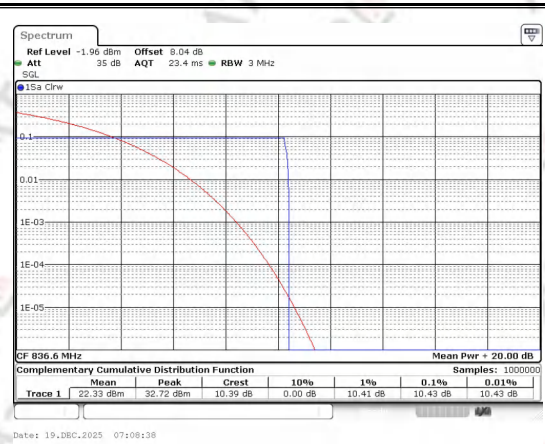


F2-1.Peak to Average Ratio GPRS

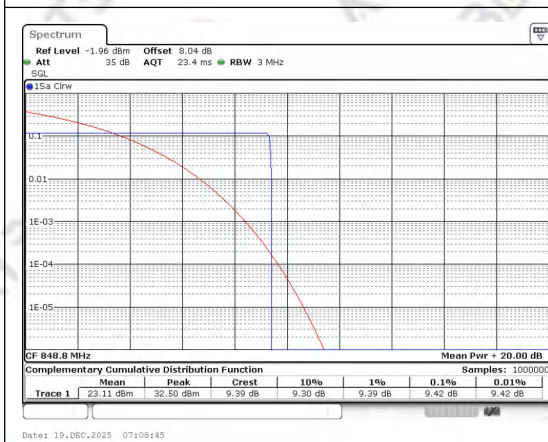
Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	9.48	13	PASS
GSM 850	190	836.6	1 Tx	10.43	13	PASS
GSM 850	251	848.8	1 Tx	9.42	13	PASS
PCS 1900	512	1850.2	1 Tx	10.41	13	PASS
PCS 1900	661	1880.0	1 Tx	9.42	13	PASS
PCS 1900	810	1909.8	1 Tx	9.48	13	PASS



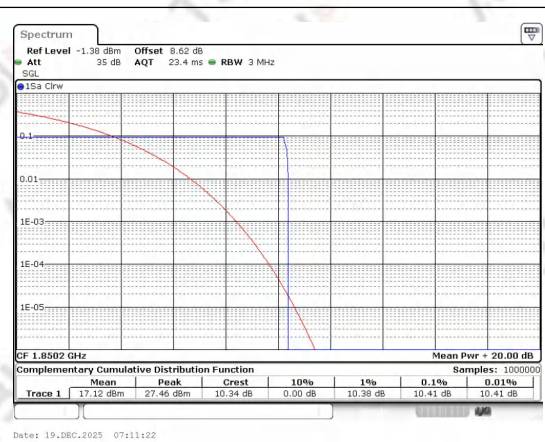
GSM 850 0.2MHz/824.2/Low



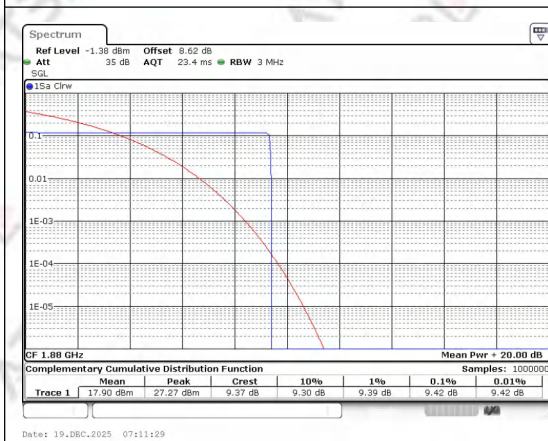
GSM 850 0.2MHz/836.6/Mid



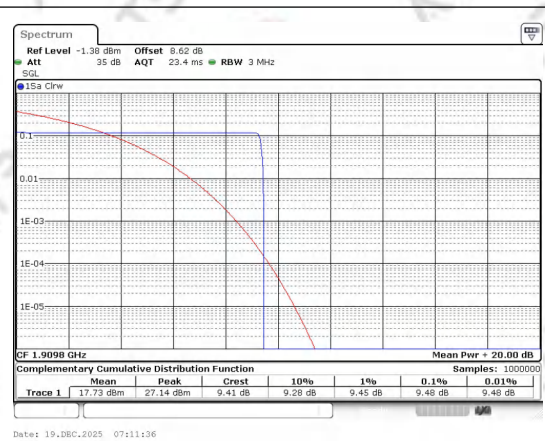
GSM 850 0.2MHz/848.8/High



PCS 1900 0.2MHz/1850.2/Low



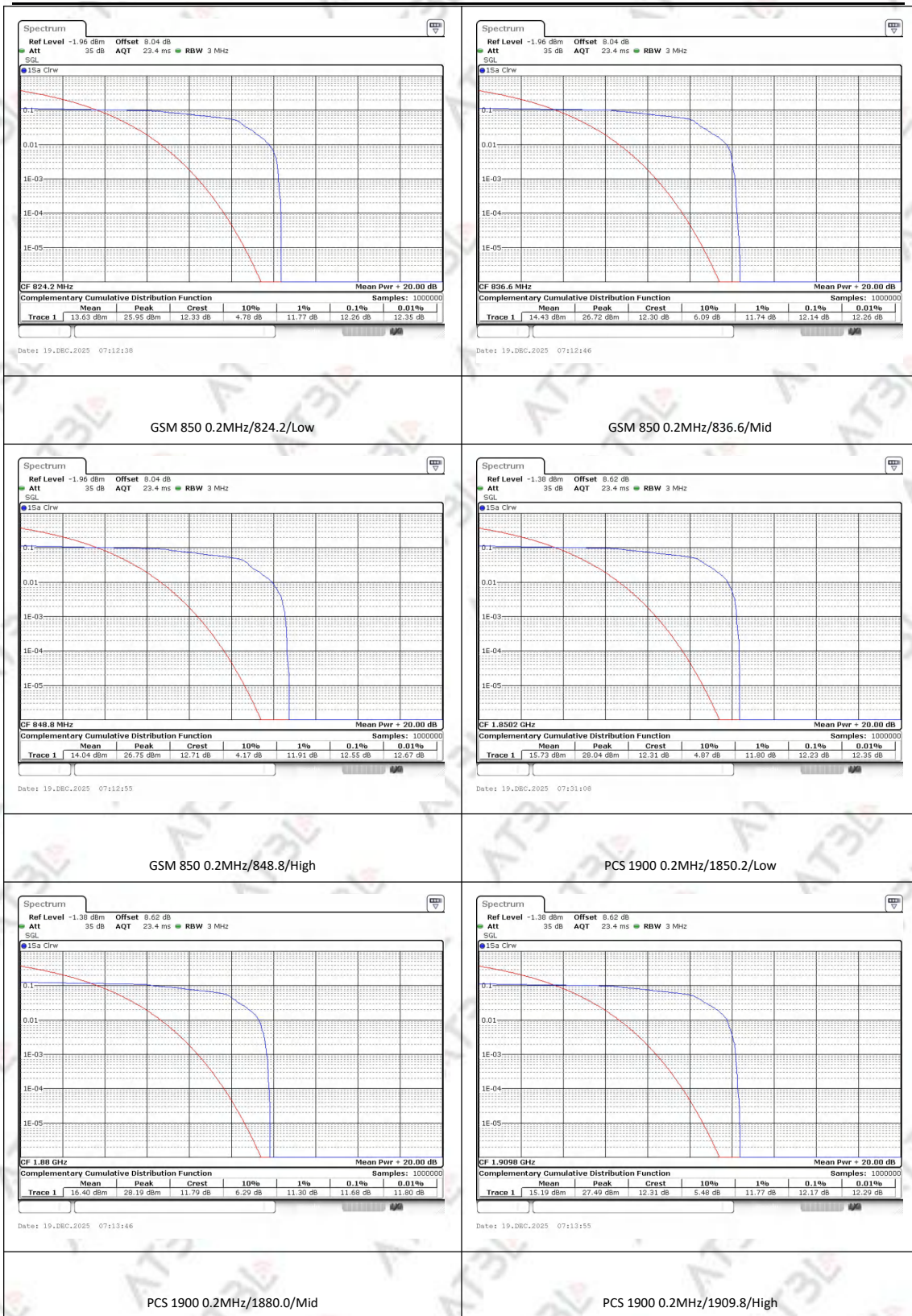
PCS 1900 0.2MHz/1880.0/Mid



PCS 1900 0.2MHz/1909.8/High

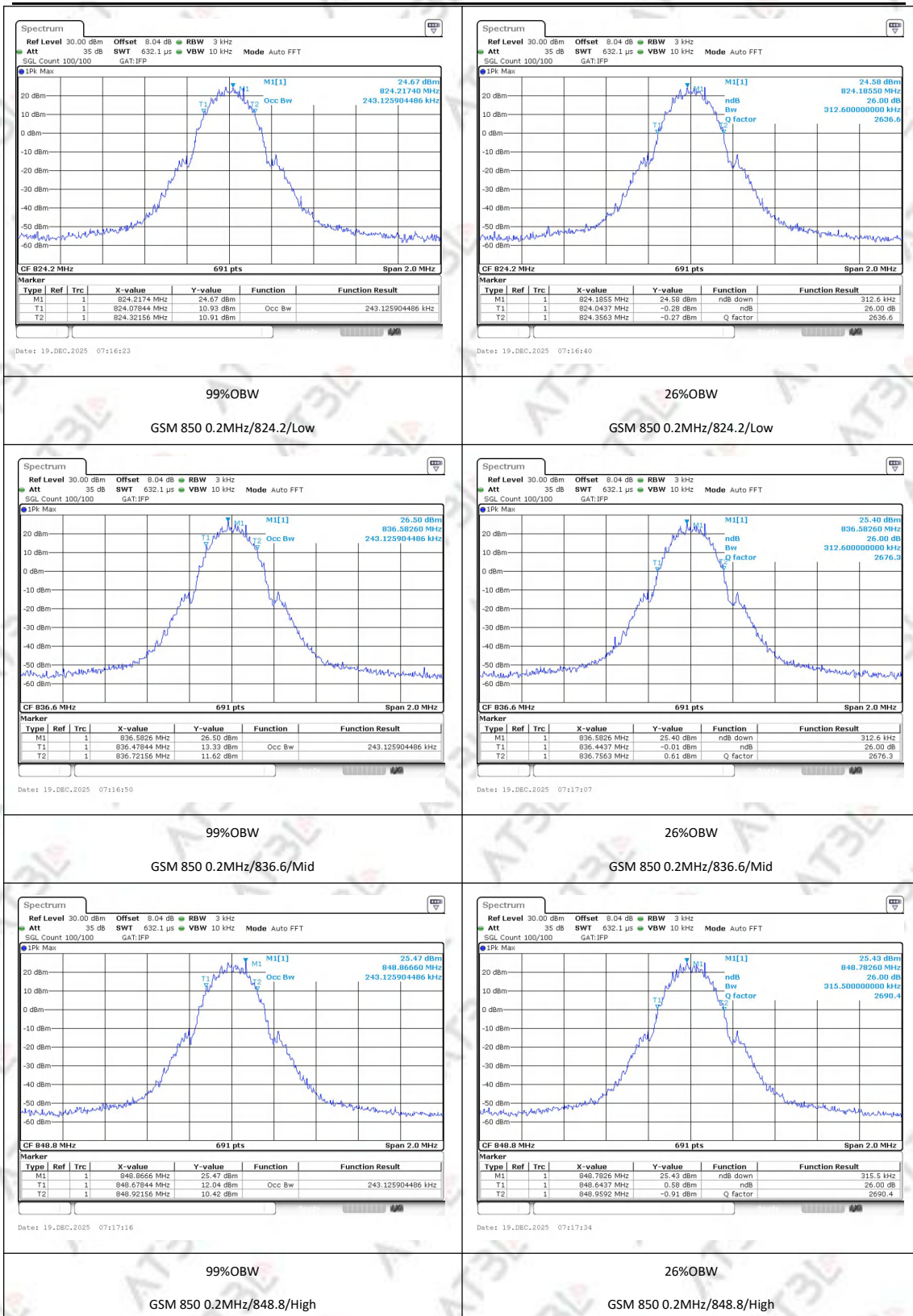
F2-2.Peak to Average Ratio EGPRS

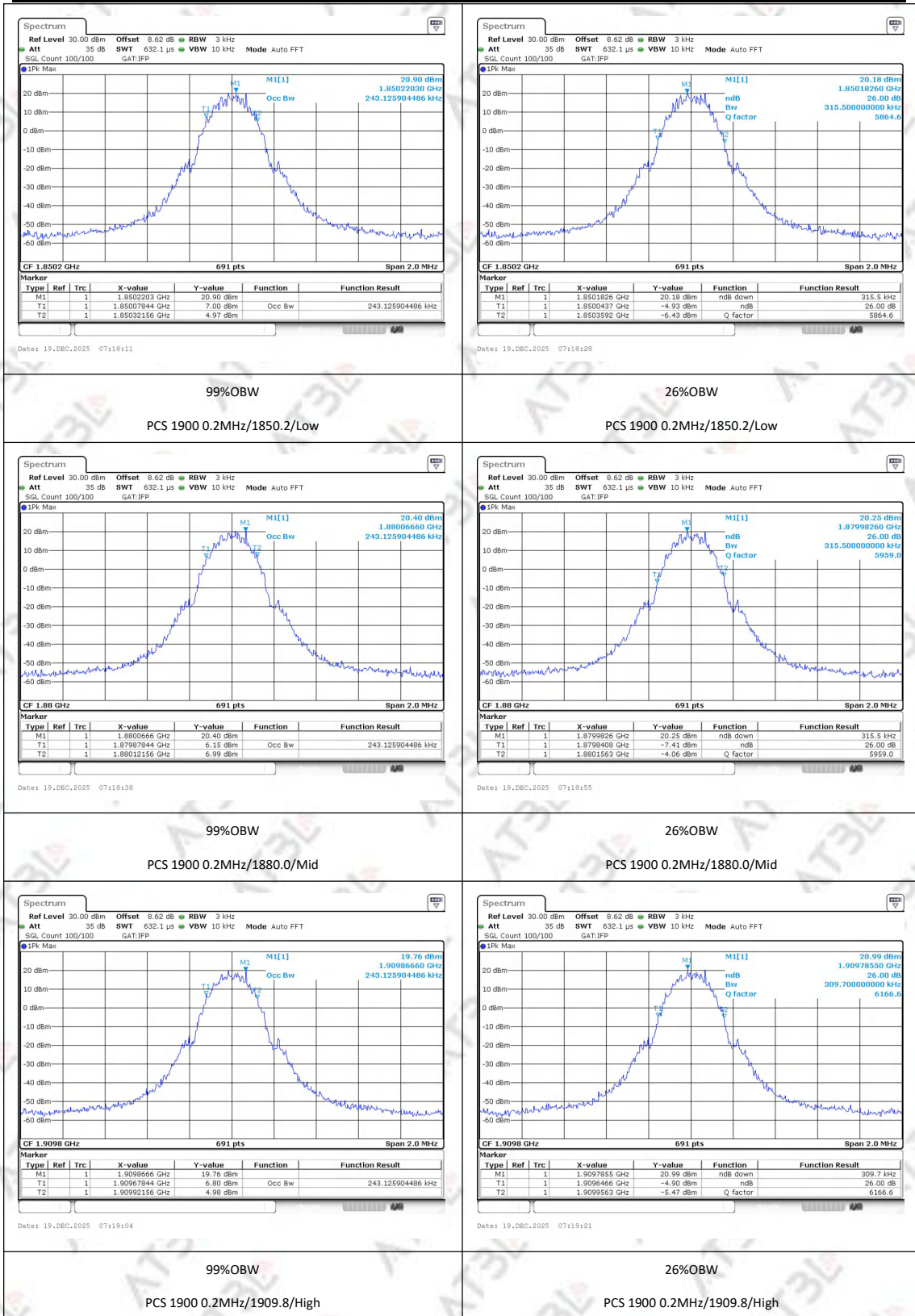
Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	128	824.2	1 Tx	12.26	13	PASS
GSM 850	190	836.6	1 Tx	12.14	13	PASS
GSM 850	251	848.8	1 Tx	12.55	13	PASS
PCS 1900	512	1850.2	1 Tx	12.23	13	PASS
PCS 1900	661	1880.0	1 Tx	11.68	13	PASS
PCS 1900	810	1909.8	1 Tx	12.17	13	PASS



F3.Occupied Bandwidth

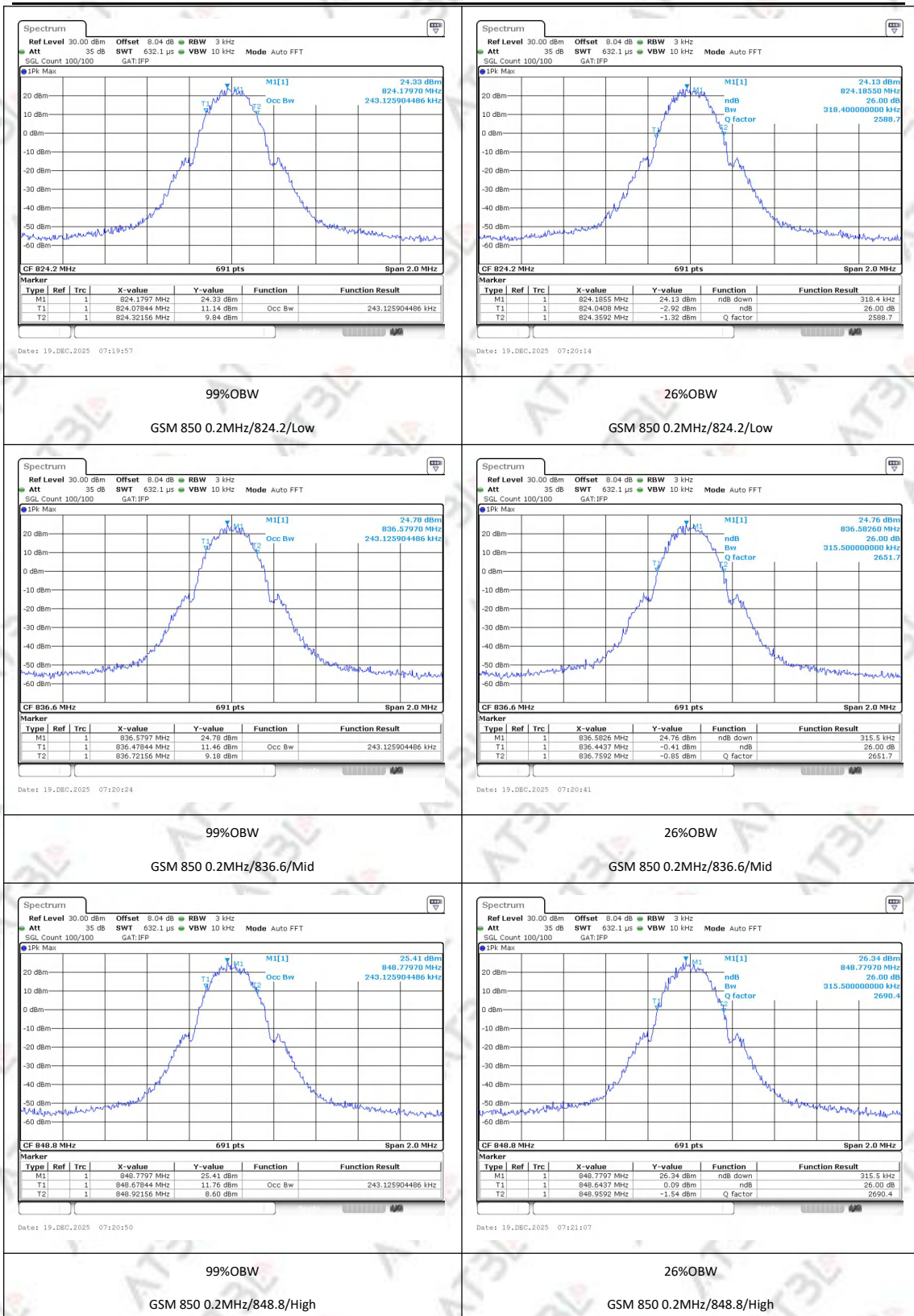
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	0.24313	0.3126	PASS
GSM 850	190	836.6	0.24313	0.3126	PASS
GSM 850	251	848.8	0.24313	0.3155	PASS
PCS 1900	512	1850.2	0.24313	0.3155	PASS
PCS 1900	661	1880.0	0.24313	0.3155	PASS
PCS 1900	810	1909.8	0.24313	0.3097	PASS

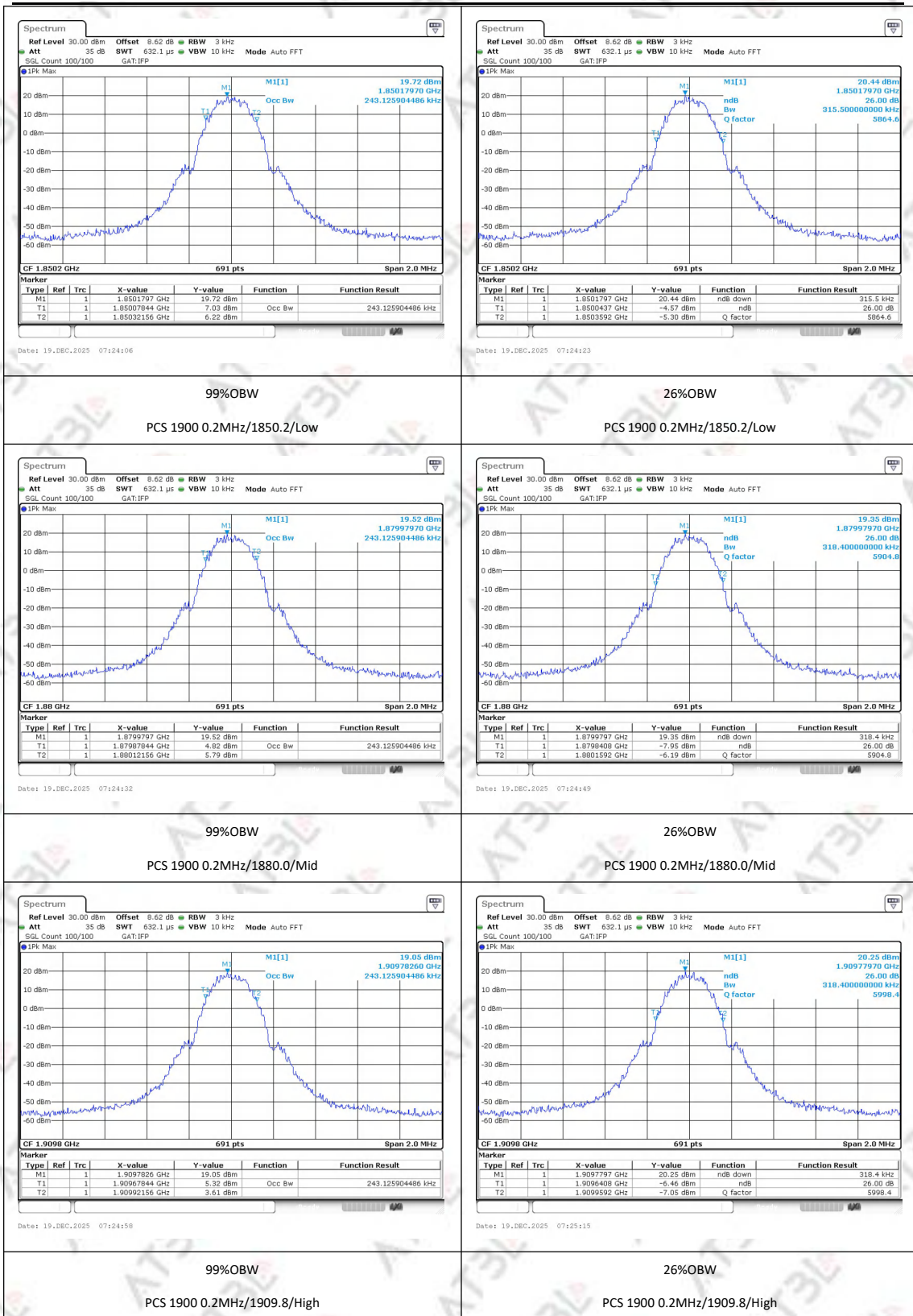




F3-1.Occupied Bandwidth GPRS

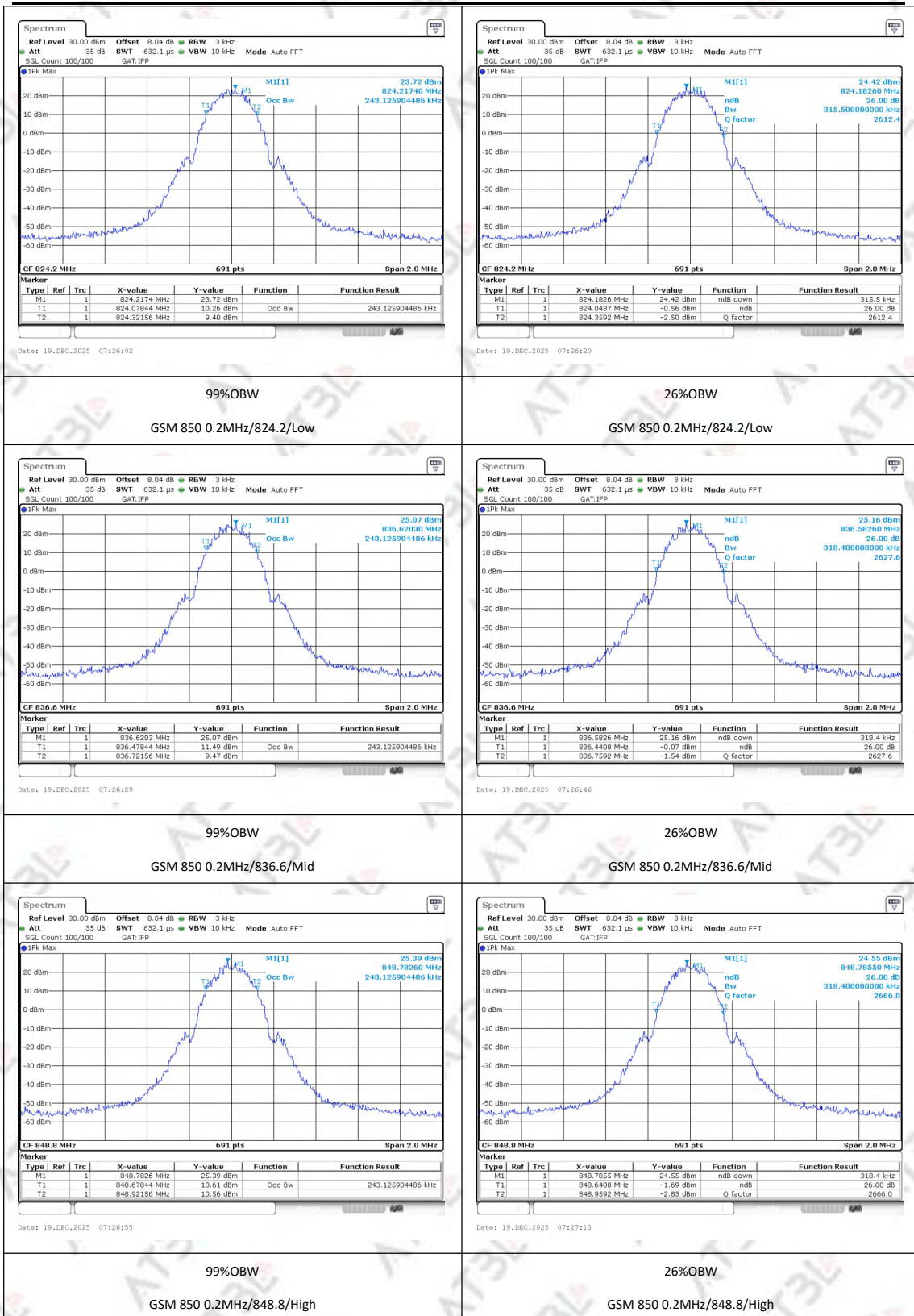
Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	1 Tx	0.24313	0.3184	PASS
GSM 850	190	836.6	1 Tx	0.24313	0.3155	PASS
GSM 850	251	848.8	1 Tx	0.24313	0.3155	PASS
PCS 1900	512	1850.2	1 Tx	0.24313	0.3155	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3184	PASS
PCS 1900	810	1909.8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

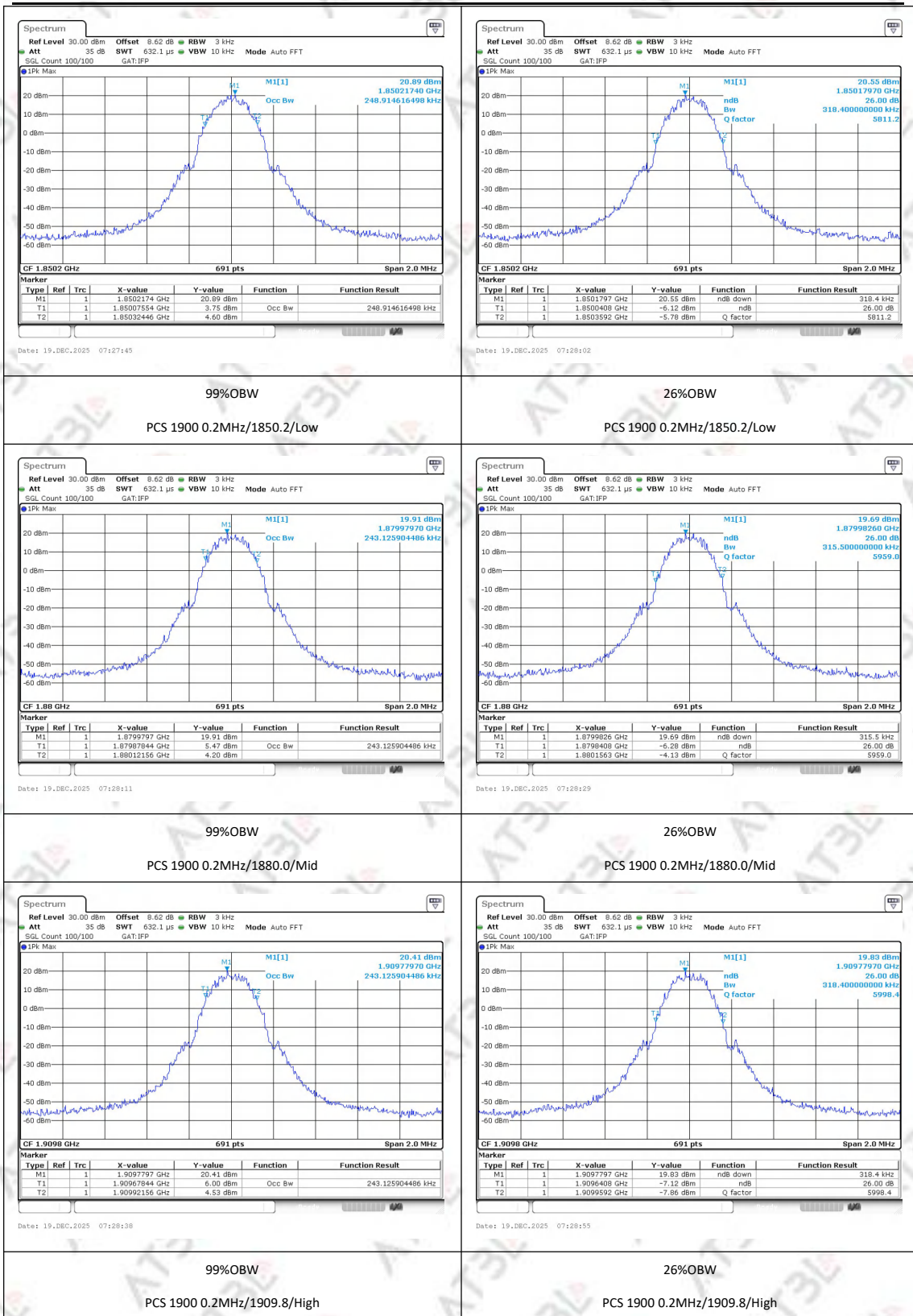




F3-2.Occupied Bandwidth EGPRS

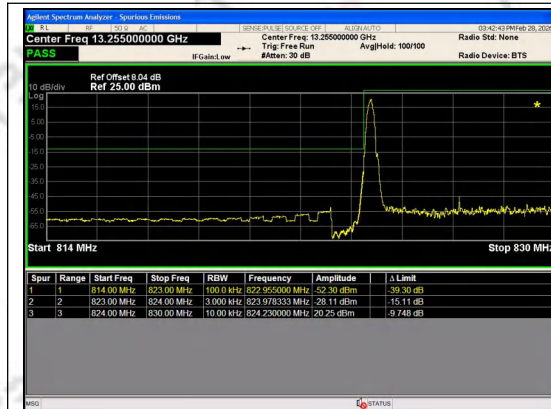
Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	128	824.2	1 Tx	0.24313	0.3155	PASS
GSM 850	190	836.6	1 Tx	0.24313	0.3184	PASS
GSM 850	251	848.8	1 Tx	0.24313	0.3184	PASS
PCS 1900	512	1850.2	1 Tx	0.24891	0.3184	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3155	PASS
PCS 1900	810	1909.8	1 Tx	0.24313	0.3184	PASS



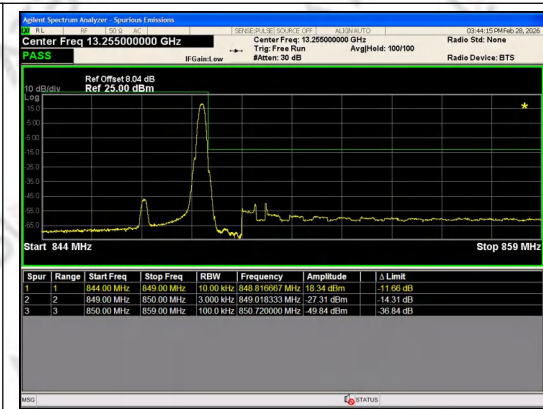


F4.Conducted Band Edge

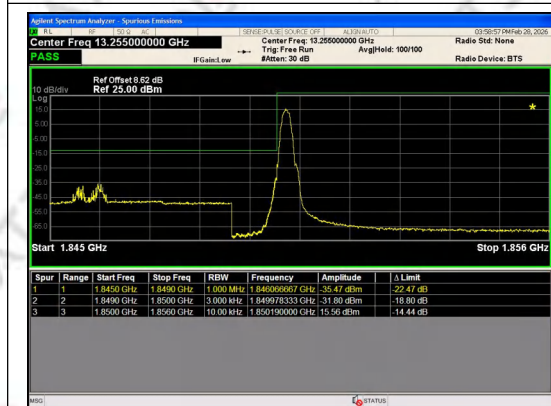
Band	Channel	Freq (MHz)	Result	Verdict
GSM 850	128	824.2	see graph	PASS
GSM 850	251	848.8	see graph	PASS
PCS 1900	512	1850.2	see graph	PASS
PCS 1900	810	1909.8	see graph	PASS



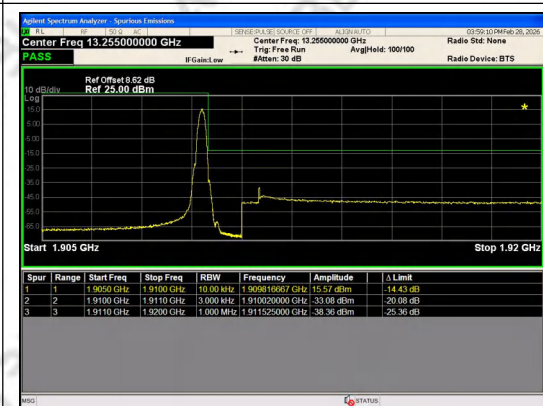
GSM 850 0.2MHz/824.2/Low



GSM 850 0.2MHz/848.8/High



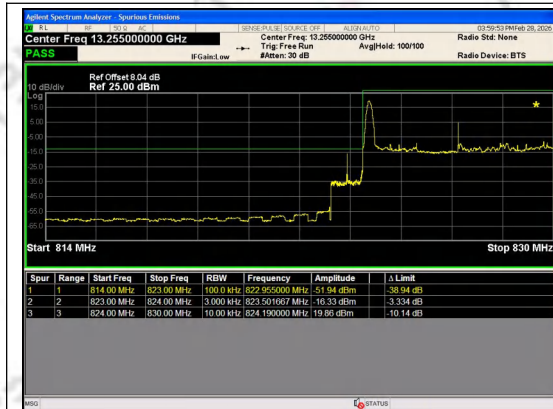
PCS 1900 0.2MHz/1850.2/Low



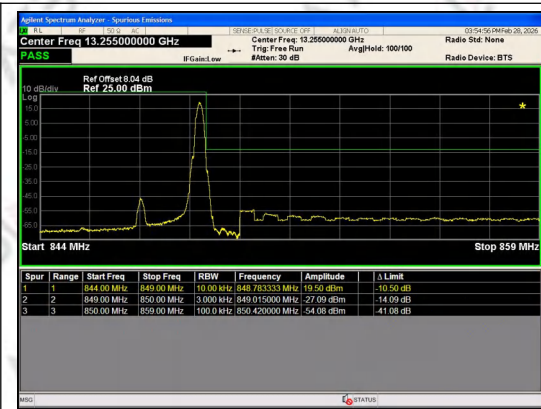
PCS 1900 0.2MHz/1909.8/High

F4-1.Conducted Band Edge GPRS

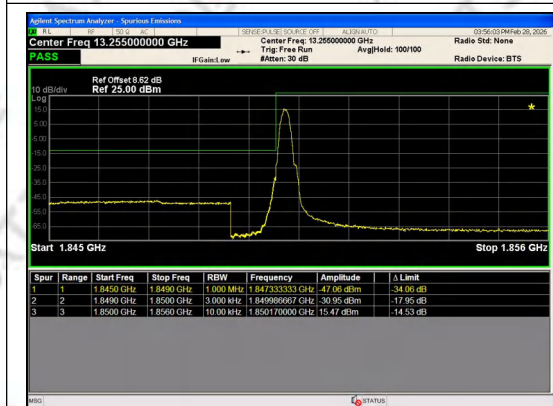
Band	Channel	Freq (MHz)	Slots	Result	Verdict
GSM 850	128	824.2	1 Tx	see graph	PASS
GSM 850	251	848.8	1 Tx	see graph	PASS
PCS 1900	512	1850.2	1 Tx	see graph	PASS
PCS 1900	810	1909.8	1 Tx	see graph	PASS



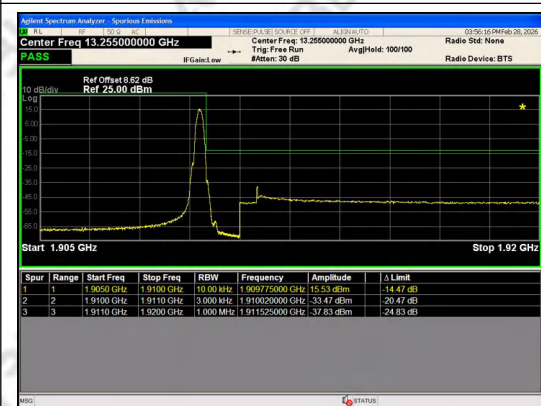
GSM 850 0.2MHz/824.2/Low



GSM 850 0.2MHz/848.8/High



PCS 1900 0.2MHz/1850.2/Low



PCS 1900 0.2MHz/1909.8/High