

Appendix G

Test Information:

Sample No.:	2VVL-2	Test Date:	2025.03.19-2025.04.16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Len Lin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	24-26	Relative Humidity: (%)	46-50	ATM Pressure: (kPa)	101
-----------------------	-------	------------------------------	-------	---------------------------	-----

Transmitter Conducted Output Power And ERP/EIRP

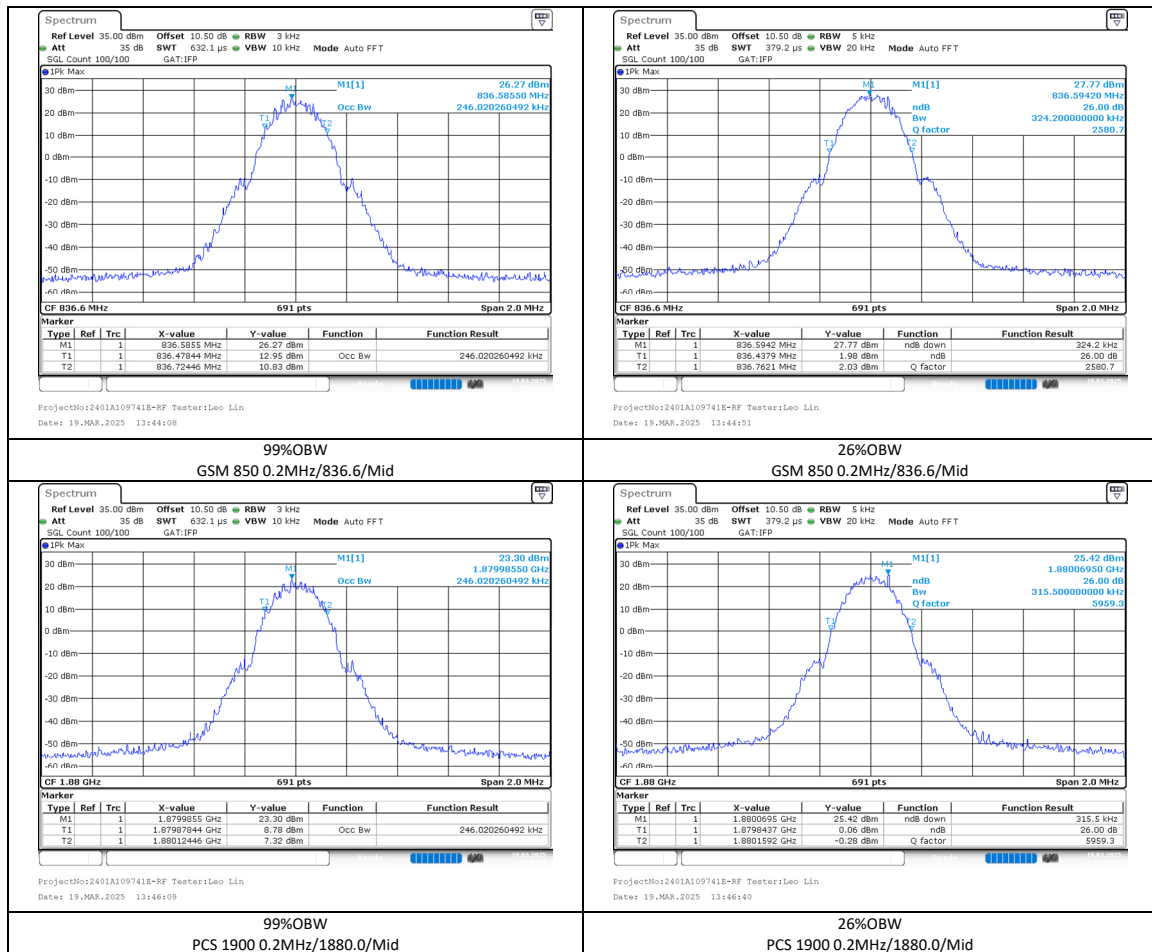
Band	Channel	PCL	Freq (MHz)	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	251	5	848.8	33.21	29.94	38.45	PASS
GSM 850	190	5	836.6	33.27	30.00	38.45	PASS
GSM 850	128	5	824.2	33.31	30.04	38.45	PASS
PCS 1900	810	0	1909.8	30.49	29.18	33.01	PASS
PCS 1900	661	0	1880.0	30.48	29.17	33.01	PASS
PCS 1900	512	0	1850.2	30.53	29.22	33.01	PASS

Peak to Average Ratio

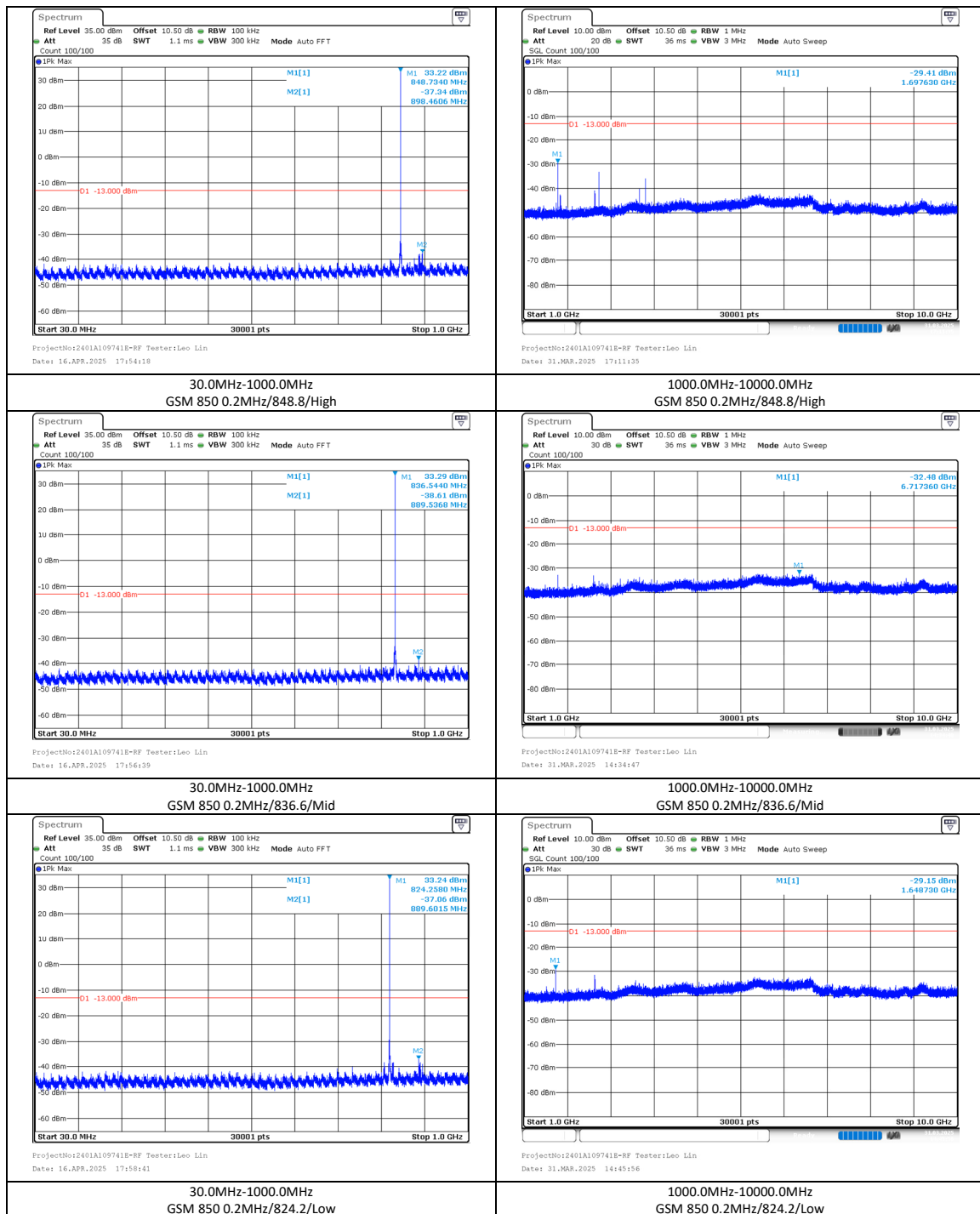
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
GSM 850	251	848.8	3.51	13	PASS
GSM 850	190	836.6	3.42	13	PASS
GSM 850	128	824.2	3.42	13	PASS
PCS 1900	810	1909.8	3.45	13	PASS
PCS 1900	661	1880.0	3.42	13	PASS
PCS 1900	512	1850.2	3.42	13	PASS

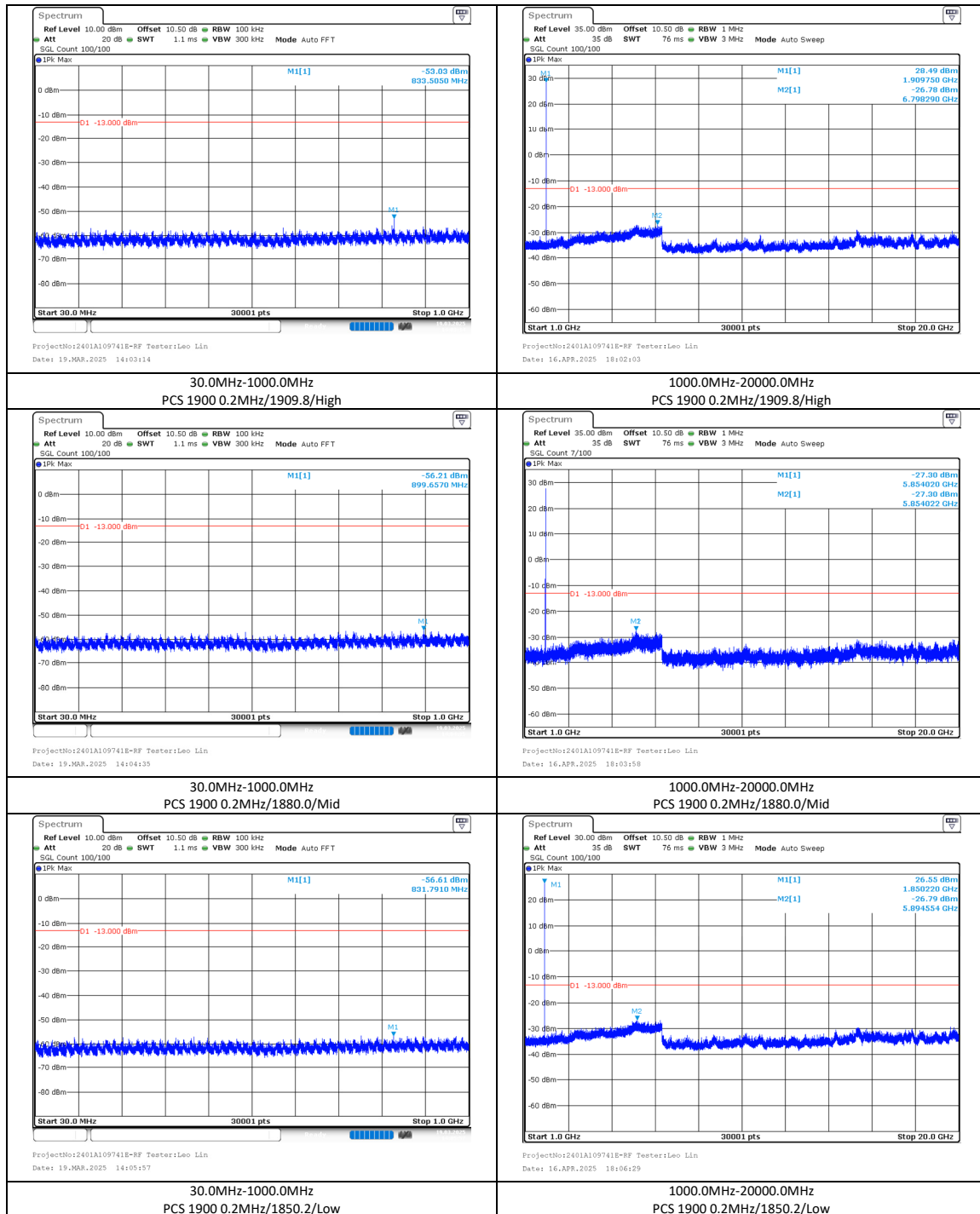
Occupied Bandwidth

Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	190	836.6	0.24602	0.3242	PASS
PCS 1900	661	1880.0	0.24602	0.3155	PASS



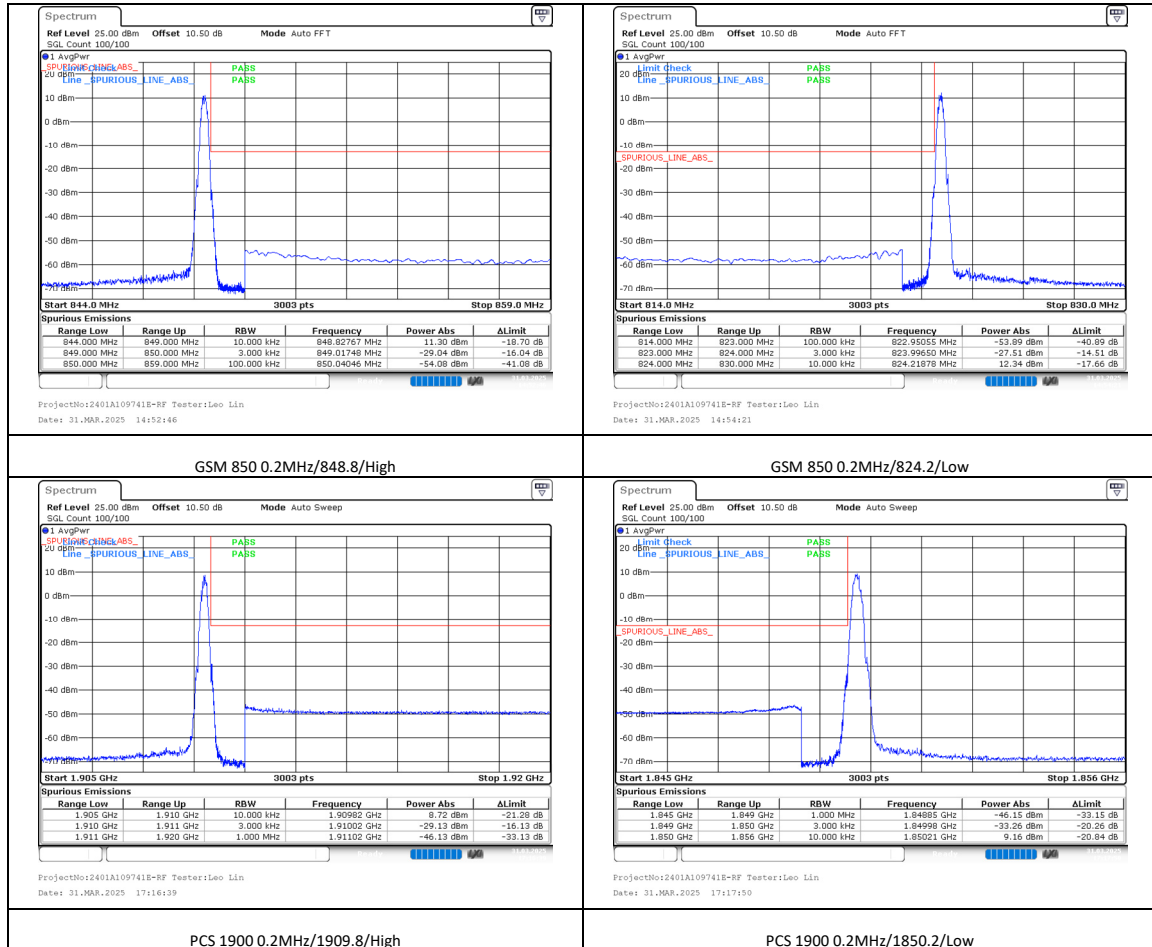
Conducted Spurious Emissions





Conducted Band Edge

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



Frequency Stability Error

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
GSM 850	251	848.8	0.29	0.00034	±2.5	PASS	20°C/3.40V
GSM 850	251	848.8	1.32	0.00156	±2.5	PASS	20°C/4.40V
GSM 850	251	848.8	-1.74	-0.00204	±2.5	PASS	50°C/3.80V
GSM 850	251	848.8	1.72	0.00203	±2.5	PASS	40°C/3.80V
GSM 850	251	848.8	-3.93	-0.00463	±2.5	PASS	30°C/3.80V
GSM 850	251	848.8	-6.75	-0.00795	±2.5	PASS	20°C/3.80V
GSM 850	251	848.8	-0.03	-0.00004	±2.5	PASS	10°C/3.80V
GSM 850	251	848.8	-1.74	-0.00205	±2.5	PASS	0°C/3.80V
GSM 850	251	848.8	0.78	0.00092	±2.5	PASS	-10°C/3.80V
GSM 850	251	848.8	-2.08	-0.00246	±2.5	PASS	-20°C/3.80V
GSM 850	251	848.8	-4.57	-0.00538	±2.5	PASS	-30°C/3.80V
GSM 850	190	836.6	-0.35	-0.00042	±2.5	PASS	20°C/3.40V
GSM 850	190	836.6	0.54	0.00065	±2.5	PASS	20°C/4.40V
GSM 850	190	836.6	4.55	0.00544	±2.5	PASS	50°C/3.80V
GSM 850	190	836.6	-1.08	-0.00129	±2.5	PASS	40°C/3.80V
GSM 850	190	836.6	2.04	0.00243	±2.5	PASS	30°C/3.80V
GSM 850	190	836.6	1.02	0.00122	±2.5	PASS	20°C/3.80V
GSM 850	190	836.6	4.00	0.00478	±2.5	PASS	10°C/3.80V
GSM 850	190	836.6	0.28	0.00034	±2.5	PASS	0°C/3.80V
GSM 850	190	836.6	5.22	0.00624	±2.5	PASS	-10°C/3.80V
GSM 850	190	836.6	-1.62	-0.00194	±2.5	PASS	-20°C/3.80V
GSM 850	190	836.6	0.37	0.00044	±2.5	PASS	-30°C/3.80V
GSM 850	128	824.2	6.76	0.00820	±2.5	PASS	20°C/3.40V
GSM 850	128	824.2	-4.75	-0.00577	±2.5	PASS	20°C/4.40V
GSM 850	128	824.2	3.08	0.00374	±2.5	PASS	50°C/3.80V
GSM 850	128	824.2	-3.75	-0.00454	±2.5	PASS	40°C/3.80V
GSM 850	128	824.2	1.44	0.00174	±2.5	PASS	30°C/3.80V
GSM 850	128	824.2	1.00	0.00121	±2.5	PASS	20°C/3.80V
GSM 850	128	824.2	0.62	0.00076	±2.5	PASS	10°C/3.80V
GSM 850	128	824.2	-0.14	-0.00016	±2.5	PASS	0°C/3.80V
GSM 850	128	824.2	-1.21	-0.00147	±2.5	PASS	-10°C/3.80V
GSM 850	128	824.2	-4.12	-0.00500	±2.5	PASS	-20°C/3.80V
GSM 850	128	824.2	1.86	0.00226	±2.5	PASS	-30°C/3.80V

Frequency Stability Range

Band	Channel (Low/High)	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1850MHz)	Upper Edge (MHz) (Result)	Limit (1910MHz)	Environment
PCS 1900	512/810	1850.2/1909.8	1850.048	1850.000	1909.941	1910.000	20°C/3.40V
PCS 1900	512/810	1850.2/1909.8	1850.055	1850.000	1909.960	1910.000	20°C/4.40V
PCS 1900	512/810	1850.2/1909.8	1850.122	1850.000	1909.882	1910.000	50°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.164	1850.000	1909.898	1910.000	40°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.129	1850.000	1909.812	1910.000	30°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.038	1850.000	1909.859	1910.000	20°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.154	1850.000	1909.944	1910.000	10°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.130	1850.000	1909.820	1910.000	0°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.067	1850.000	1909.871	1910.000	-10°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.050	1850.000	1909.991	1910.000	-20°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.128	1850.000	1909.859	1910.000	-30°C/3.80V

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	3	848.8	GMSK	1 Tx	33.22	29.95	38.45	PASS
GSM 850	251	3	848.8	GMSK	2 Tx	32.68	29.41	38.45	PASS
GSM 850	251	3	848.8	GMSK	3 Tx	31.14	27.87	38.45	PASS
GSM 850	251	3	848.8	GMSK	4 Tx	30.08	26.81	38.45	PASS
GSM 850	190	3	836.6	GMSK	1 Tx	33.27	30.00	38.45	PASS
GSM 850	190	3	836.6	GMSK	2 Tx	32.74	29.47	38.45	PASS
GSM 850	190	3	836.6	GMSK	3 Tx	31.17	27.90	38.45	PASS
GSM 850	190	3	836.6	GMSK	4 Tx	30.15	26.88	38.45	PASS
GSM 850	128	3	824.2	GMSK	1 Tx	33.32	30.05	38.45	PASS
GSM 850	128	3	824.2	GMSK	2 Tx	32.78	29.51	38.45	PASS
GSM 850	128	3	824.2	GMSK	3 Tx	31.23	27.96	38.45	PASS
GSM 850	128	3	824.2	GMSK	4 Tx	30.22	26.95	38.45	PASS
PCS 1900	810	3	1909.8	GMSK	1 Tx	30.50	29.19	33.01	PASS
PCS 1900	810	3	1909.8	GMSK	2 Tx	29.69	28.38	33.01	PASS
PCS 1900	810	3	1909.8	GMSK	3 Tx	27.81	26.50	33.01	PASS
PCS 1900	810	3	1909.8	GMSK	4 Tx	26.71	25.40	33.01	PASS
PCS 1900	661	3	1880.0	GMSK	1 Tx	30.49	29.18	33.01	PASS
PCS 1900	661	3	1880.0	GMSK	2 Tx	29.69	28.38	33.01	PASS
PCS 1900	661	3	1880.0	GMSK	3 Tx	27.84	26.53	33.01	PASS
PCS 1900	661	3	1880.0	GMSK	4 Tx	26.74	25.43	33.01	PASS
PCS 1900	512	3	1850.2	GMSK	1 Tx	30.53	29.22	33.01	PASS
PCS 1900	512	3	1850.2	GMSK	2 Tx	29.76	28.45	33.01	PASS
PCS 1900	512	3	1850.2	GMSK	3 Tx	27.95	26.64	33.01	PASS
PCS 1900	512	3	1850.2	GMSK	4 Tx	26.84	25.53	33.01	PASS

Transmitter Conducted Output Power And ERP/EIRP EGPRS

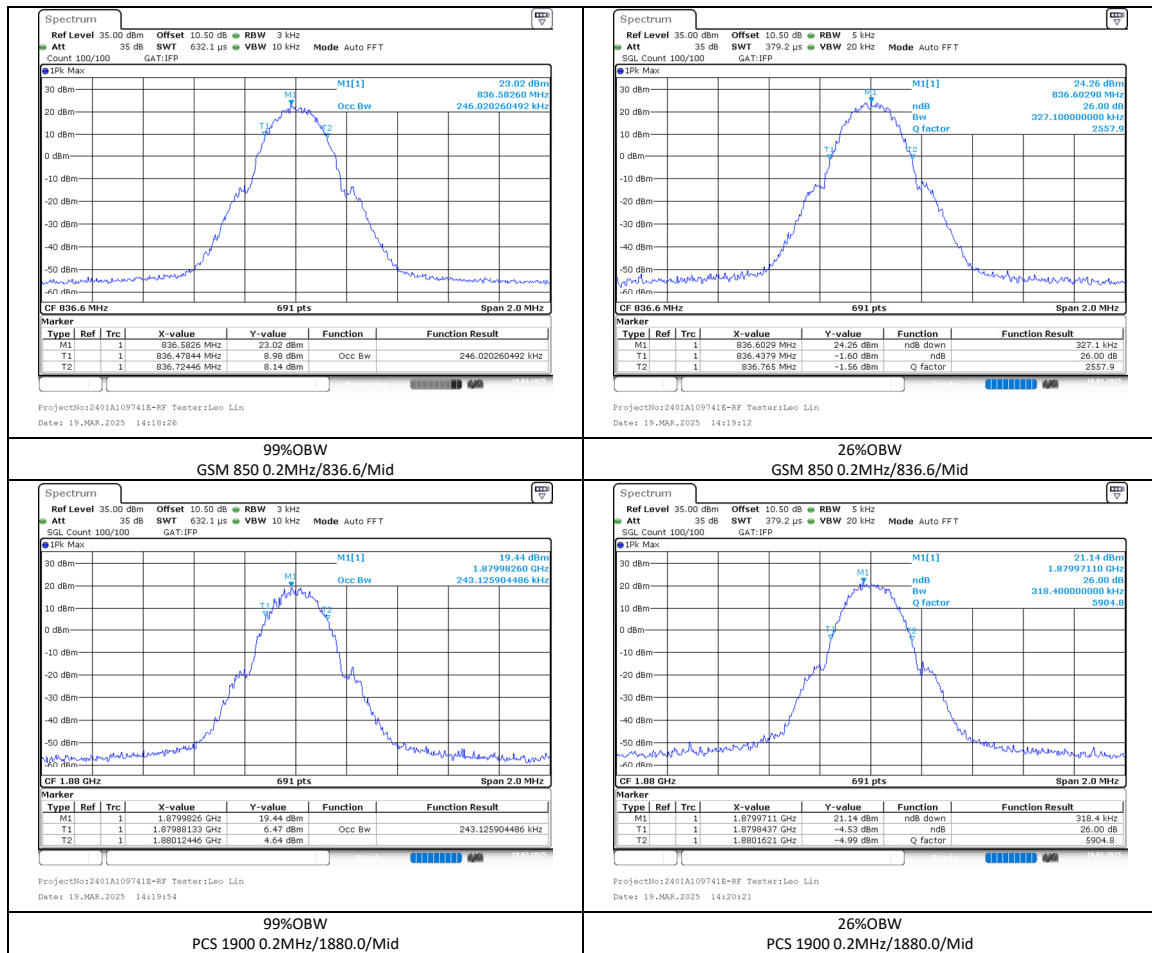
Band	Channel	PCL	Freq (MHz)	Modulation	Slots	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP(limit) (dBm)	Verdict
GSM 850	251	6	848.8	8PSK	1 Tx	27.57	24.30	38.45	PASS
GSM 850	251	6	848.8	8PSK	2 Tx	26.51	23.24	38.45	PASS
GSM 850	251	6	848.8	8PSK	3 Tx	24.48	21.21	38.45	PASS
GSM 850	251	6	848.8	8PSK	4 Tx	23.49	20.22	38.45	PASS
GSM 850	190	6	836.6	8PSK	1 Tx	27.76	24.49	38.45	PASS
GSM 850	190	6	836.6	8PSK	2 Tx	26.65	23.38	38.45	PASS
GSM 850	190	6	836.6	8PSK	3 Tx	24.70	21.43	38.45	PASS
GSM 850	190	6	836.6	8PSK	4 Tx	23.61	20.34	38.45	PASS
GSM 850	128	6	824.2	8PSK	1 Tx	27.61	24.34	38.45	PASS
GSM 850	128	6	824.2	8PSK	2 Tx	26.56	23.29	38.45	PASS
GSM 850	128	6	824.2	8PSK	3 Tx	24.66	21.39	38.45	PASS
GSM 850	128	6	824.2	8PSK	4 Tx	23.64	20.37	38.45	PASS
PCS 1900	810	5	1909.8	8PSK	1 Tx	26.46	25.15	33.01	PASS
PCS 1900	810	5	1909.8	8PSK	2 Tx	25.41	24.10	33.01	PASS
PCS 1900	810	5	1909.8	8PSK	3 Tx	23.24	21.93	33.01	PASS
PCS 1900	810	5	1909.8	8PSK	4 Tx	21.97	20.66	33.01	PASS
PCS 1900	661	5	1880.0	8PSK	1 Tx	26.55	25.24	33.01	PASS
PCS 1900	661	5	1880.0	8PSK	2 Tx	25.53	24.22	33.01	PASS
PCS 1900	661	5	1880.0	8PSK	3 Tx	23.31	22.00	33.01	PASS
PCS 1900	661	5	1880.0	8PSK	4 Tx	22.13	20.82	33.01	PASS
PCS 1900	512	5	1850.2	8PSK	1 Tx	26.68	25.37	33.01	PASS
PCS 1900	512	5	1850.2	8PSK	2 Tx	25.66	24.35	33.01	PASS
PCS 1900	512	5	1850.2	8PSK	3 Tx	23.48	22.17	33.01	PASS
PCS 1900	512	5	1850.2	8PSK	4 Tx	22.27	20.96	33.01	PASS

Peak to Average Ratio EGPRS

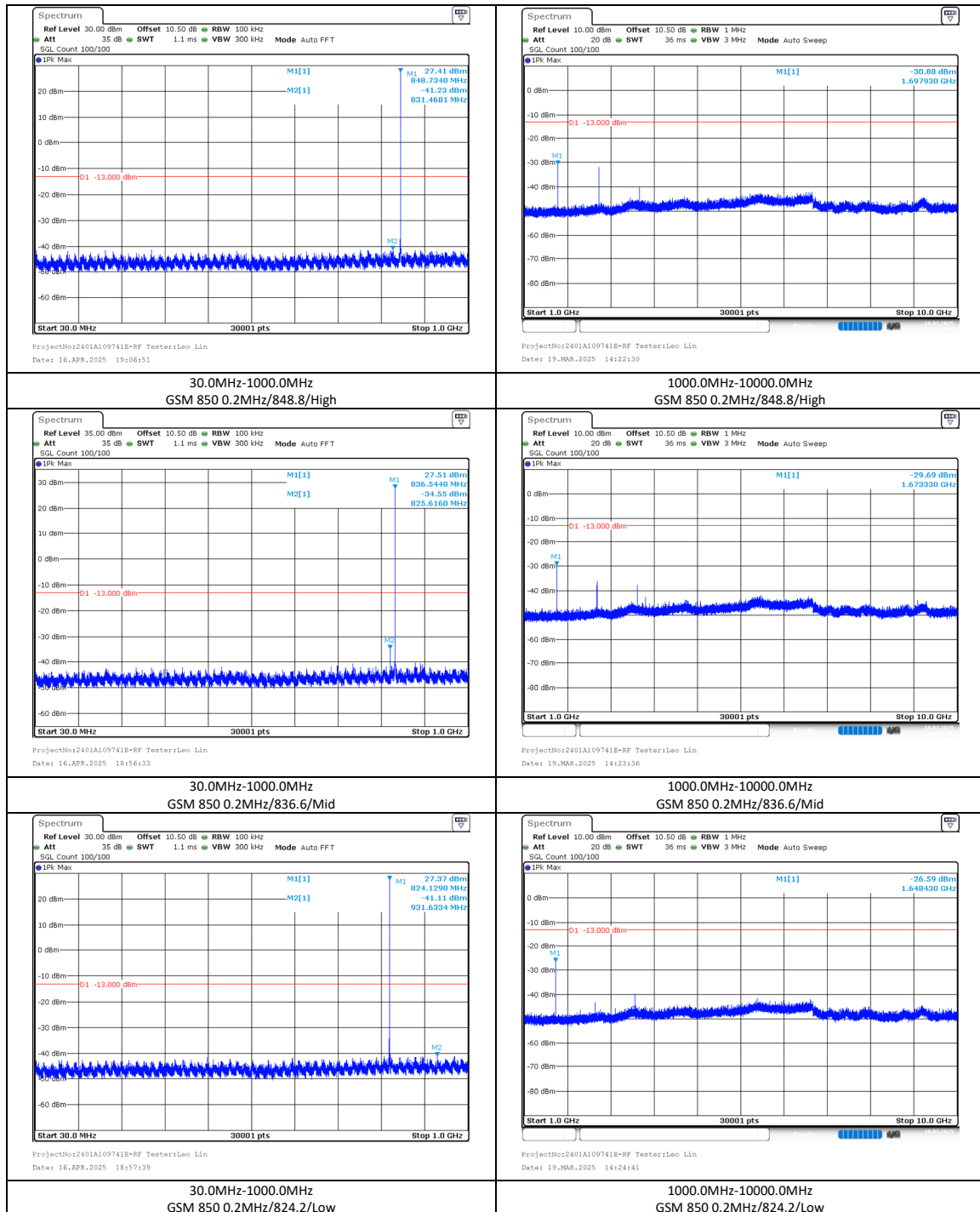
Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
GSM 850	251	848.8	1 Tx	3.30	13	PASS
GSM 850	190	836.6	1 Tx	3.29	13	PASS
GSM 850	128	824.2	1 Tx	3.12	13	PASS
PCS 1900	810	1909.8	1 Tx	3.26	13	PASS
PCS 1900	661	1880.0	1 Tx	3.38	13	PASS
PCS 1900	512	1850.2	1 Tx	3.33	13	PASS

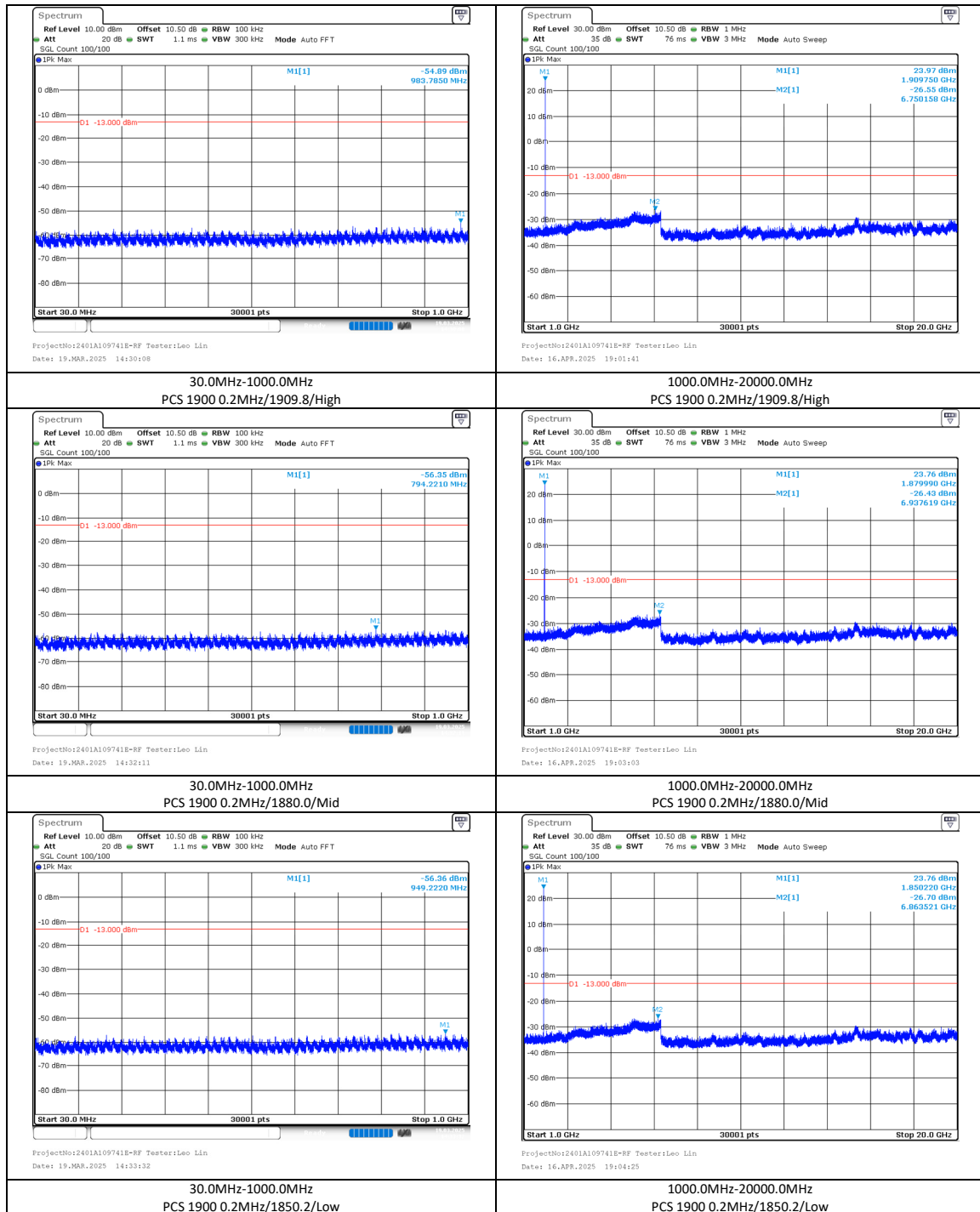
Occupied Bandwidth EGPRS

Band	Channel	Freq (MHz)	Slots	OBW (MHz)	26dB BW (MHz)	Verdict
GSM 850	190	836.6	1 Tx	0.24602	0.3271	PASS
PCS 1900	661	1880.0	1 Tx	0.24313	0.3184	PASS



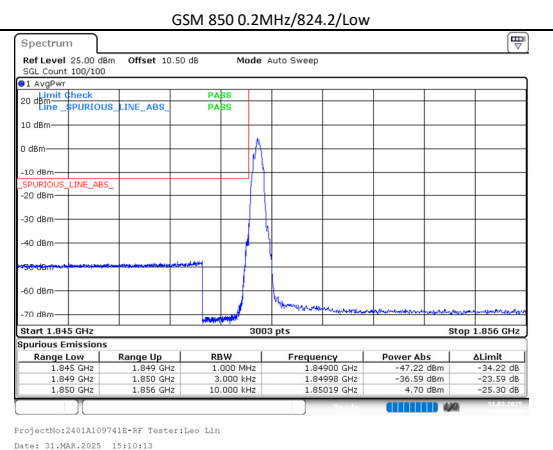
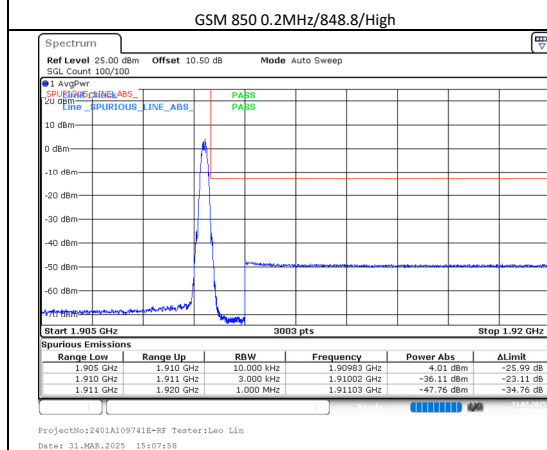
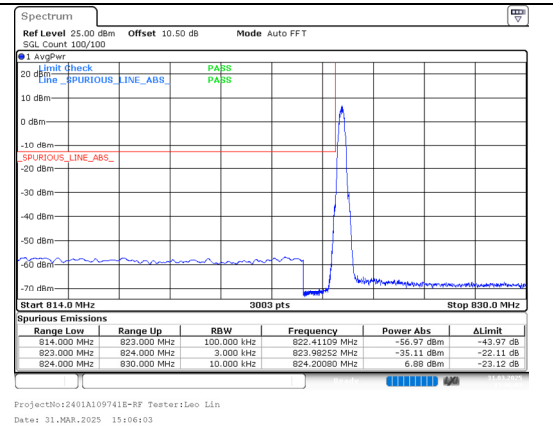
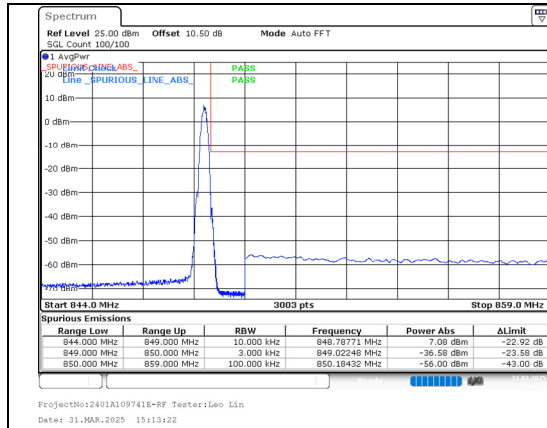
Conducted Spurious Emissions EGPRS





Conducted Band Edge EGPRS

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



PCS 1900 0.2MHz/1909.8/High

PCS 1900 0.2MHz/1850.2/Low

Frequency Stability Error EGPRS

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
GSM 850	251	848.8	3.26	0.00384	±2.5	PASS	20°C/3.40V
GSM 850	251	848.8	-8.17	-0.00963	±2.5	PASS	20°C/4.40V
GSM 850	251	848.8	1.48	0.00175	±2.5	PASS	50°C/3.80V
GSM 850	251	848.8	-8.17	-0.00963	±2.5	PASS	40°C/3.80V
GSM 850	251	848.8	-2.28	-0.00269	±2.5	PASS	30°C/3.80V
GSM 850	251	848.8	4.88	0.00575	±2.5	PASS	20°C/3.80V
GSM 850	251	848.8	-3.30	-0.00389	±2.5	PASS	10°C/3.80V
GSM 850	251	848.8	7.43	0.00876	±2.5	PASS	0°C/3.80V
GSM 850	251	848.8	3.69	0.00434	±2.5	PASS	-10°C/3.80V
GSM 850	251	848.8	-5.79	-0.00682	±2.5	PASS	-20°C/3.80V
GSM 850	251	848.8	-3.57	-0.00421	±2.5	PASS	-30°C/3.80V
GSM 850	190	836.6	8.39	0.01003	±2.5	PASS	20°C/3.40V
GSM 850	190	836.6	7.90	0.00944	±2.5	PASS	20°C/4.40V
GSM 850	190	836.6	3.00	0.00358	±2.5	PASS	50°C/3.80V
GSM 850	190	836.6	7.02	0.00840	±2.5	PASS	40°C/3.80V
GSM 850	190	836.6	-4.21	-0.00504	±2.5	PASS	30°C/3.80V
GSM 850	190	836.6	-1.49	-0.00179	±2.5	PASS	20°C/3.80V
GSM 850	190	836.6	6.41	0.00766	±2.5	PASS	10°C/3.80V
GSM 850	190	836.6	2.75	0.00329	±2.5	PASS	0°C/3.80V
GSM 850	190	836.6	-10.35	-0.01238	±2.5	PASS	-10°C/3.80V
GSM 850	190	836.6	-0.52	-0.00062	±2.5	PASS	-20°C/3.80V
GSM 850	190	836.6	-0.19	-0.00023	±2.5	PASS	-30°C/3.80V
GSM 850	128	824.2	4.56	0.00553	±2.5	PASS	20°C/3.40V
GSM 850	128	824.2	10.08	0.01223	±2.5	PASS	20°C/4.40V
GSM 850	128	824.2	5.57	0.00676	±2.5	PASS	50°C/3.80V
GSM 850	128	824.2	-4.96	-0.00602	±2.5	PASS	40°C/3.80V
GSM 850	128	824.2	4.02	0.00488	±2.5	PASS	30°C/3.80V
GSM 850	128	824.2	7.48	0.00907	±2.5	PASS	20°C/3.80V
GSM 850	128	824.2	1.02	0.00124	±2.5	PASS	10°C/3.80V
GSM 850	128	824.2	-5.53	-0.00671	±2.5	PASS	0°C/3.80V
GSM 850	128	824.2	7.54	0.00915	±2.5	PASS	-10°C/3.80V
GSM 850	128	824.2	-3.77	-0.00458	±2.5	PASS	-20°C/3.80V
GSM 850	128	824.2	-0.55	-0.00067	±2.5	PASS	-30°C/3.80V

Frequency Stability Range EGPRS

Band	Channel (Low/High)	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1850MHz)	Upper Edge (MHz) (Result)	Limit (1910MHz)	Environment
PCS 1900	512/810	1850.2/1909.8	1850.027	1850.000	1909.929	1910.000	20°C/3.40V
PCS 1900	512/810	1850.2/1909.8	1850.080	1850.000	1909.981	1910.000	20°C/4.40V
PCS 1900	512/810	1850.2/1909.8	1850.152	1850.000	1909.854	1910.000	50°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.193	1850.000	1909.896	1910.000	40°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.126	1850.000	1909.830	1910.000	30°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.044	1850.000	1909.825	1910.000	20°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.187	1850.000	1909.940	1910.000	10°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.098	1850.000	1909.799	1910.000	0°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.005	1850.000	1909.861	1910.000	-10°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.025	1850.000	1909.985	1910.000	-20°C/3.80V
PCS 1900	512/810	1850.2/1909.8	1850.138	1850.000	1909.861	1910.000	-30°C/3.80V