**Appendix H1**

**Test Information:**

| | | | |
|---|---|---|---|
| **Sample No.:** | 2PIE-5 | **Test Date:** | 2025/01/03~2025/02/28 |
| **Test Site:** | RF | **Test Mode:** | Transmitting |
| **Tester:** | Leo Lin | **Test Result:** | Pass |

**Environmental Conditions:**

| | | | | | |
|---|---|---|---|---|---|
| **Temperature: (°C):** | 23.2~24.4 | **Relative Humidity: (%)** | 22~31 | **ATM Pressure: (kPa)** | 101.2 |

## Transmitter Conducted Output Power And ERP/EIRP

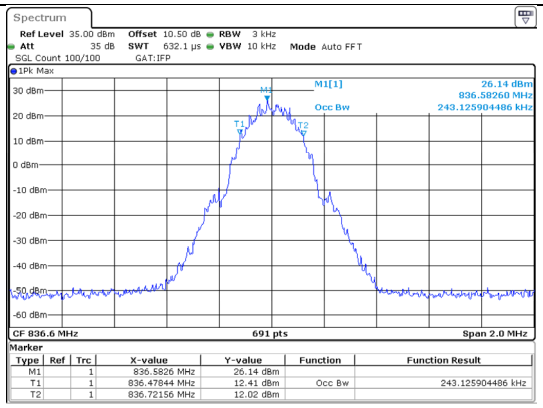
| Band | Channel | PCL | Freq (MHz) | Conducted Power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (limit) (dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| GSM 850 | 251 | 5 | 848.8 | 33.44 | 30.16 | 38.45 | PASS |
| GSM 850 | 190 | 5 | 836.6 | 33.51 | 30.23 | 38.45 | PASS |
| GSM 850 | 128 | 5 | 824.2 | 33.51 | 30.23 | 38.45 | PASS |
| PCS 1900 | 810 | 0 | 1909.8 | 30.78 | 29.49 | 33.01 | PASS |
| PCS 1900 | 661 | 0 | 1880.0 | 30.70 | 29.41 | 33.01 | PASS |
| PCS 1900 | 512 | 0 | 1850.2 | 30.60 | 29.31 | 33.01 | PASS |

## Peak to Average Ratio

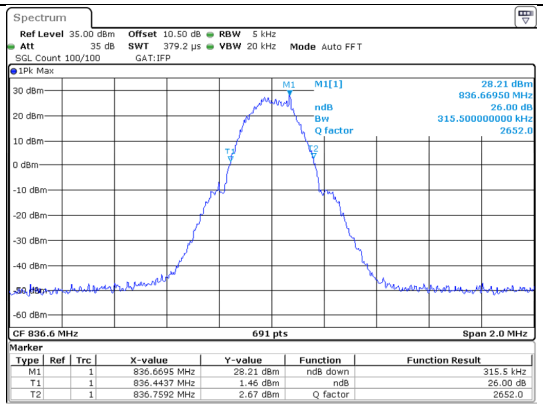
| Band | Channel | Freq (MHz) | Result (dB) | Limit (dB) | Verdict |
|---|---|---|---|---|---|
| GSM 850 | 251 | 848.8 | 2.42 | 13 | PASS |
| GSM 850 | 190 | 836.6 | 2.45 | 13 | PASS |
| GSM 850 | 128 | 824.2 | 2.42 | 13 | PASS |
| PCS 1900 | 810 | 1909.8 | 2.13 | 13 | PASS |
| PCS 1900 | 661 | 1880.0 | 2.48 | 13 | PASS |
| PCS 1900 | 512 | 1850.2 | 2.42 | 13 | PASS |

## Occupied Bandwidth

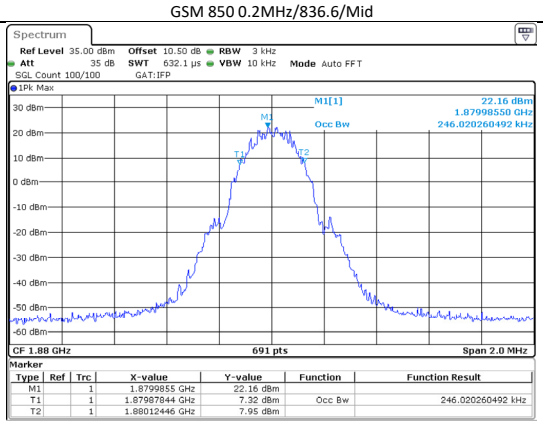
| Band | Channel | Freq (MHz) | OBW (MHz) | 26dB BW (MHz) | Verdict |
|---|---|---|---|---|---|
| GSM 850 | 190 | 836.6 | 0.24313 | 0.3155 | PASS |
| PCS 1900 | 661 | 1880.0 | 0.24602 | 0.3155 | PASS |



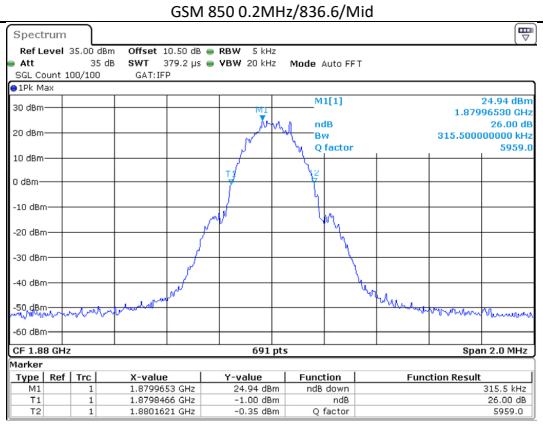

99%OBW
GSM 850 0.2MHz/836.6/Mid




26%OBW
GSM 850 0.2MHz/836.6/Mid

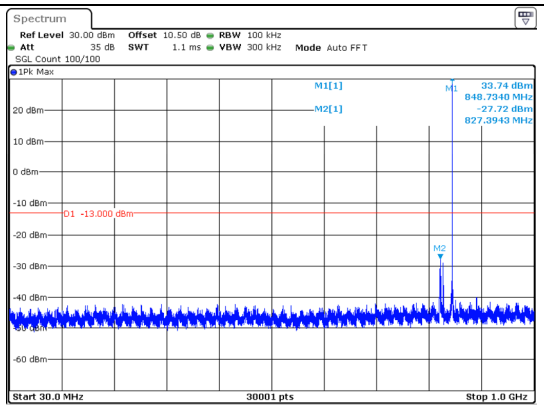



99%OBW
PCS 1900 0.2MHz/1880.0/Mid

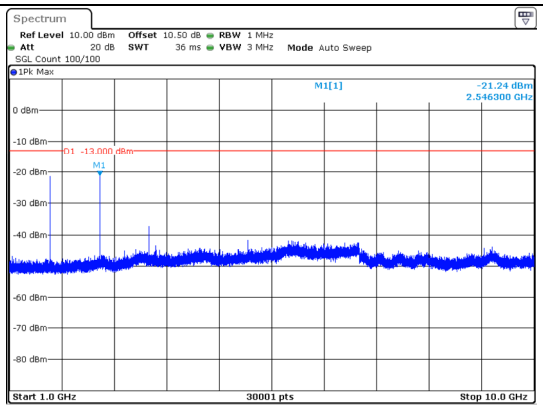



26%OBW
PCS 1900 0.2MHz/1880.0/Mid

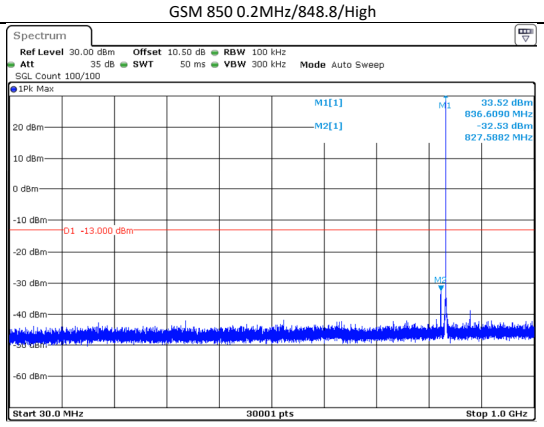
## Conducted Spurious Emissions



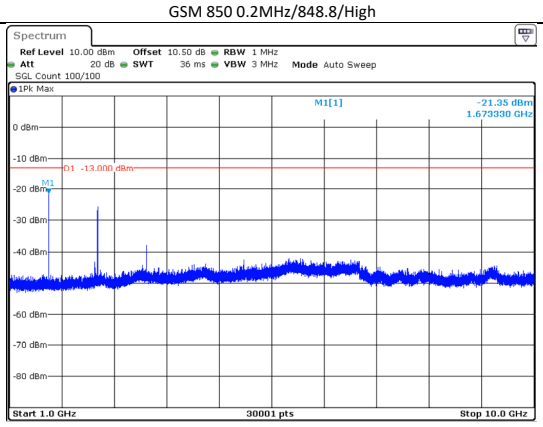

30.0MHz-1000.0MHz
GSM 850 0.2MHz/848.8/High



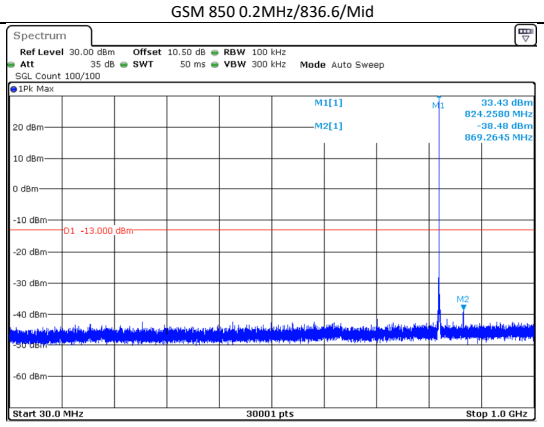

1000.0MHz-10000.0MHz
GSM 850 0.2MHz/848.8/High



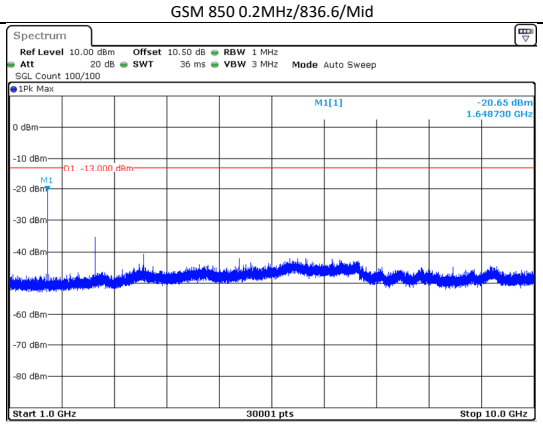

30.0MHz-1000.0MHz
GSM 850 0.2MHz/836.6/Mid



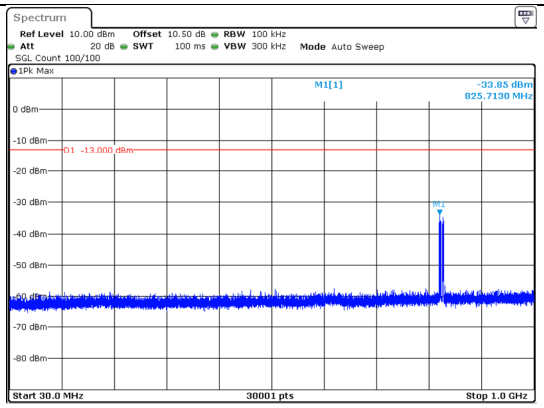

1000.0MHz-10000.0MHz
GSM 850 0.2MHz/836.6/Mid



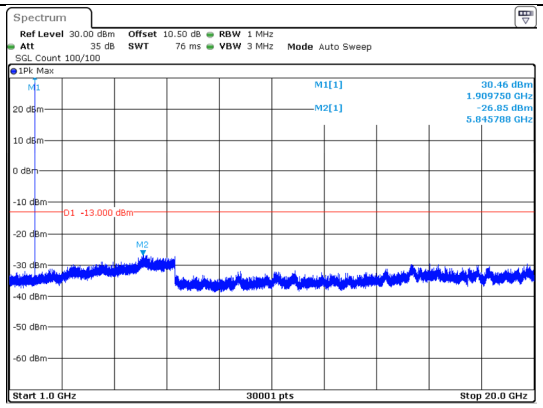

30.0MHz-1000.0MHz
GSM 850 0.2MHz/824.2/Low



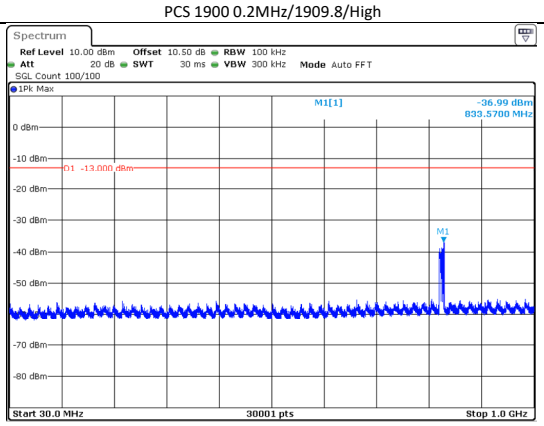

1000.0MHz-10000.0MHz
GSM 850 0.2MHz/824.2/Low



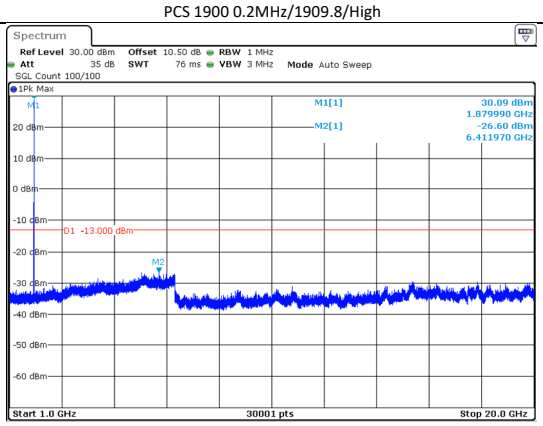

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1909.8/High



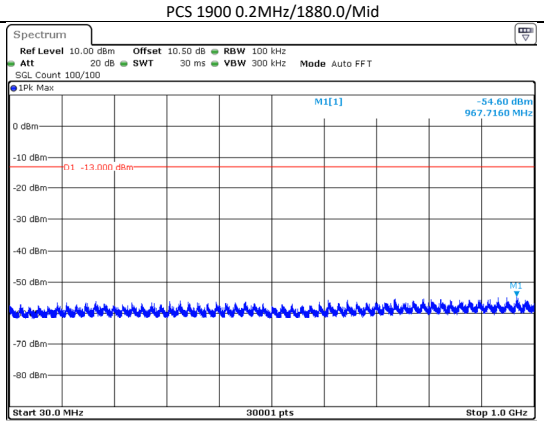

1000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1909.8/High



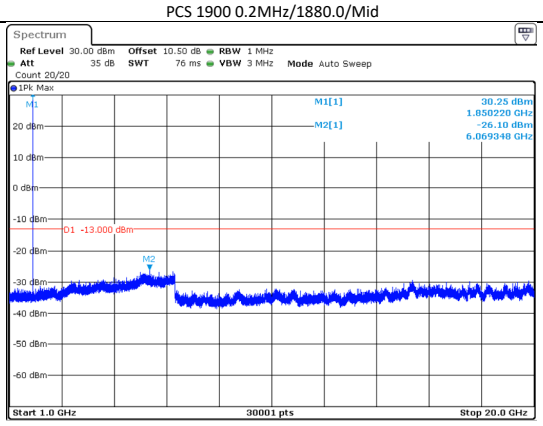

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1880.0/Mid




1000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1880.0/Mid



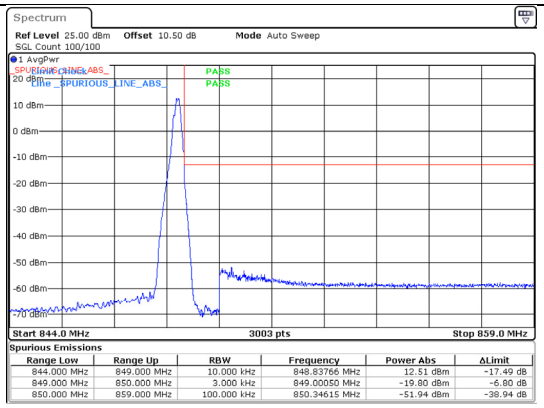

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1850.2/Low



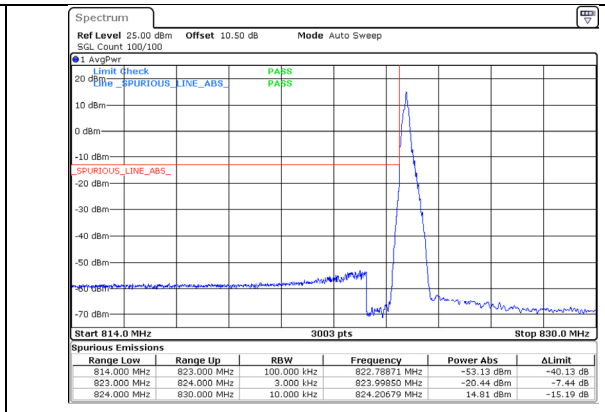

1000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1850.2/Low

## Conducted Band Edge

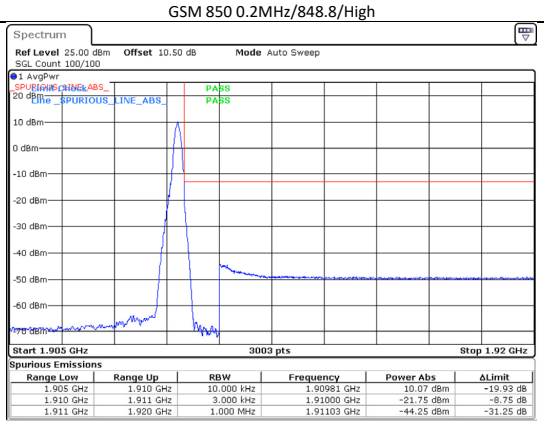
| Band | Channel | Freq (MHz) | Result | Verdict |
|---|---|---|---|---|
| GSM 850 | 251 | 848.8 | see graph | PASS |
| GSM 850 | 128 | 824.2 | see graph | PASS |
| PCS 1900 | 810 | 1909.8 | see graph | PASS |
| PCS 1900 | 512 | 1850.2 | see graph | PASS |



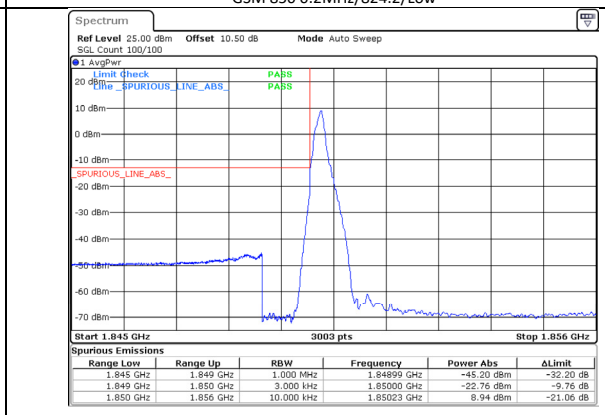

GSM 850 0.2MHz/848.8/High




GSM 850 0.2MHz/824.2/Low




PCS 1900 0.2MHz/1909.8/High




PCS 1900 0.2MHz/1850.2/Low

## Frequency Stability Error

| Band | Channel | Freq (MHz) | Deviation (Hz) | Deviation (ppm) | Limit(ppm) | Verdict | Environment |
|---|---|---|---|---|---|---|---|
| GSM 850 | 251 | 848.8 | 0.62 | 0.00073 | ±2.5 | PASS | 20℃/4.4V |
| GSM 850 | 251 | 848.8 | 1.43 | 0.00168 | ±2.5 | PASS | 20℃/3.4V |
| GSM 850 | 251 | 848.8 | -2.60 | -0.00306 | ±2.5 | PASS | 50℃/3.8V |
| GSM 850 | 251 | 848.8 | 1.73 | 0.00204 | ±2.5 | PASS | 40℃/3.8V |
| GSM 850 | 251 | 848.8 | -4.62 | -0.00544 | ±2.5 | PASS | 30℃/3.8V |
| GSM 850 | 251 | 848.8 | -6.71 | -0.00791 | ±2.5 | PASS | 20℃/3.8V |
| GSM 850 | 251 | 848.8 | 0.25 | 0.00029 | ±2.5 | PASS | 10℃/3.8V |
| GSM 850 | 251 | 848.8 | -2.05 | -0.00242 | ±2.5 | PASS | 0℃/3.8V |
| GSM 850 | 251 | 848.8 | 0.59 | 0.00070 | ±2.5 | PASS | -10℃/3.8V |
| GSM 850 | 251 | 848.8 | -2.19 | -0.00258 | ±2.5 | PASS | -20℃/3.8V |
| GSM 850 | 251 | 848.8 | -4.69 | -0.00553 | ±2.5 | PASS | -30℃/3.8V |
| GSM 850 | 190 | 836.6 | -0.01 | -0.00001 | ±2.5 | PASS | 20℃/4.4V |
| GSM 850 | 190 | 836.6 | 0.35 | 0.00042 | ±2.5 | PASS | 20℃/3.4V |
| GSM 850 | 190 | 836.6 | 3.94 | 0.00471 | ±2.5 | PASS | 50℃/3.8V |
| GSM 850 | 190 | 836.6 | -1.19 | -0.00142 | ±2.5 | PASS | 40℃/3.8V |
| GSM 850 | 190 | 836.6 | 1.52 | 0.00182 | ±2.5 | PASS | 30℃/3.8V |
| GSM 850 | 190 | 836.6 | 1.71 | 0.00204 | ±2.5 | PASS | 20℃/3.8V |
| GSM 850 | 190 | 836.6 | 3.46 | 0.00414 | ±2.5 | PASS | 10℃/3.8V |
| GSM 850 | 190 | 836.6 | 0.57 | 0.00068 | ±2.5 | PASS | 0℃/3.8V |
| GSM 850 | 190 | 836.6 | 5.05 | 0.00604 | ±2.5 | PASS | -10℃/3.8V |
| GSM 850 | 190 | 836.6 | -1.07 | -0.00128 | ±2.5 | PASS | -20℃/3.8V |
| GSM 850 | 190 | 836.6 | 0.98 | 0.00117 | ±2.5 | PASS | -30℃/3.8V |
| GSM 850 | 128 | 824.2 | 6.58 | 0.00798 | ±2.5 | PASS | 20℃/4.4V |
| GSM 850 | 128 | 824.2 | -4.02 | -0.00488 | ±2.5 | PASS | 20℃/3.4V |
| GSM 850 | 128 | 824.2 | 2.78 | 0.00337 | ±2.5 | PASS | 50℃/3.8V |
| GSM 850 | 128 | 824.2 | -3.64 | -0.00442 | ±2.5 | PASS | 40℃/3.8V |
| GSM 850 | 128 | 824.2 | 1.14 | 0.00138 | ±2.5 | PASS | 30℃/3.8V |
| GSM 850 | 128 | 824.2 | 0.37 | 0.00045 | ±2.5 | PASS | 20℃/3.8V |
| GSM 850 | 128 | 824.2 | 0.19 | 0.00023 | ±2.5 | PASS | 10℃/3.8V |
| GSM 850 | 128 | 824.2 | 0.09 | 0.00011 | ±2.5 | PASS | 0℃/3.8V |
| GSM 850 | 128 | 824.2 | -1.22 | -0.00148 | ±2.5 | PASS | -10℃/3.8V |
| GSM 850 | 128 | 824.2 | -3.66 | -0.00444 | ±2.5 | PASS | -20℃/3.8V |
| GSM 850 | 128 | 824.2 | 1.69 | 0.00205 | ±2.5 | PASS | -30℃/3.8V |

## 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 | 1850.073 | 1850.000 | 1909.908 | 1910.000 | 20℃/4.4V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.131 | 1850.000 | 1909.912 | 1910.000 | 20℃/3.4V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.008 | 1850.000 | 1909.981 | 1910.000 | 50℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.053 | 1850.000 | 1909.907 | 1910.000 | 40℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.015 | 1850.000 | 1909.998 | 1910.000 | 30℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.118 | 1850.000 | 1909.908 | 1910.000 | 20℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.032 | 1850.000 | 1909.834 | 1910.000 | 10℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.187 | 1850.000 | 1909.963 | 1910.000 | 0℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.075 | 1850.000 | 1909.847 | 1910.000 | -10℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.148 | 1850.000 | 1909.841 | 1910.000 | -20℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.137 | 1850.000 | 1909.821 | 1910.000 | -30℃/3.8V |

## 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 | 33.45 | 30.17 | 38.45 | PASS |
| GSM 850 | 251 | 3 | 848.8 | GMSK | 2 Tx | 32.85 | 29.57 | 38.45 | PASS |
| GSM 850 | 251 | 3 | 848.8 | GMSK | 3 Tx | 31.30 | 28.02 | 38.45 | PASS |
| GSM 850 | 251 | 3 | 848.8 | GMSK | 4 Tx | 30.23 | 26.95 | 38.45 | PASS |
| GSM 850 | 190 | 3 | 836.6 | GMSK | 1 Tx | 33.51 | 30.23 | 38.45 | PASS |
| GSM 850 | 190 | 3 | 836.6 | GMSK | 2 Tx | 32.91 | 29.63 | 38.45 | PASS |
| GSM 850 | 190 | 3 | 836.6 | GMSK | 3 Tx | 31.38 | 28.10 | 38.45 | PASS |
| GSM 850 | 190 | 3 | 836.6 | GMSK | 4 Tx | 30.30 | 27.02 | 38.45 | PASS |
| GSM 850 | 128 | 3 | 824.2 | GMSK | 1 Tx | 33.50 | 30.22 | 38.45 | PASS |
| GSM 850 | 128 | 3 | 824.2 | GMSK | 2 Tx | 32.93 | 29.65 | 38.45 | PASS |
| GSM 850 | 128 | 3 | 824.2 | GMSK | 3 Tx | 31.41 | 28.13 | 38.45 | PASS |
| GSM 850 | 128 | 3 | 824.2 | GMSK | 4 Tx | 30.34 | 27.06 | 38.45 | PASS |
| PCS 1900 | 810 | 3 | 1909.8 | GMSK | 1 Tx | 30.77 | 29.48 | 33.01 | PASS |
| PCS 1900 | 810 | 3 | 1909.8 | GMSK | 2 Tx | 29.99 | 28.70 | 33.01 | PASS |
| PCS 1900 | 810 | 3 | 1909.8 | GMSK | 3 Tx | 28.13 | 26.84 | 33.01 | PASS |
| PCS 1900 | 810 | 3 | 1909.8 | GMSK | 4 Tx | 27.03 | 25.74 | 33.01 | PASS |
| PCS 1900 | 661 | 3 | 1880.0 | GMSK | 1 Tx | 30.66 | 29.37 | 33.01 | PASS |
| PCS 1900 | 661 | 3 | 1880.0 | GMSK | 2 Tx | 29.91 | 28.62 | 33.01 | PASS |
| PCS 1900 | 661 | 3 | 1880.0 | GMSK | 3 Tx | 28.10 | 26.81 | 33.01 | PASS |
| PCS 1900 | 661 | 3 | 1880.0 | GMSK | 4 Tx | 27.02 | 25.73 | 33.01 | PASS |
| PCS 1900 | 512 | 3 | 1850.2 | GMSK | 1 Tx | 30.57 | 29.28 | 33.01 | PASS |
| PCS 1900 | 512 | 3 | 1850.2 | GMSK | 2 Tx | 29.85 | 28.56 | 33.01 | PASS |
| PCS 1900 | 512 | 3 | 1850.2 | GMSK | 3 Tx | 28.06 | 26.77 | 33.01 | PASS |
| PCS 1900 | 512 | 3 | 1850.2 | GMSK | 4 Tx | 27.04 | 25.75 | 33.01 | PASS |

## Transmitter Conducted Output Power And ERP/EIRP EGPRS

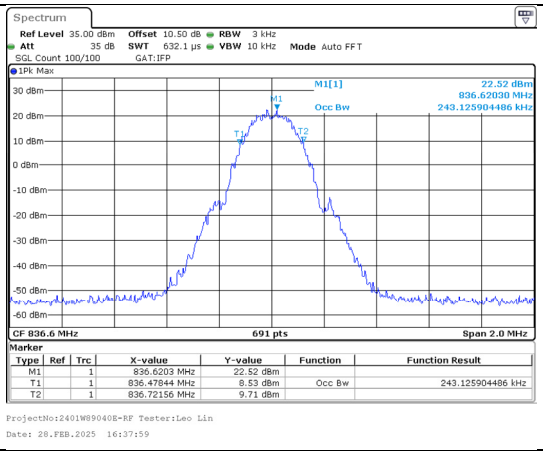
| Band | Channel | PCL | Freq (MHz) | Modulation | Slots | Conducted Power (dBm) | ERP/EIRP (dBm) | ERP/EIRP (limit) (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| GSM 850 | 251 | 5 | 848.8 | 8PSK | 1 Tx | 28.10 | 24.82 | 38.45 | PASS |
| GSM 850 | 251 | 5 | 848.8 | 8PSK | 2 Tx | 27.56 | 24.28 | 38.45 | PASS |
| GSM 850 | 251 | 5 | 848.8 | 8PSK | 3 Tx | 25.29 | 22.01 | 38.45 | PASS |
| GSM 850 | 251 | 5 | 848.8 | 8PSK | 4 Tx | 23.46 | 20.18 | 38.45 | PASS |
| GSM 850 | 190 | 5 | 836.6 | 8PSK | 1 Tx | 27.99 | 24.71 | 38.45 | PASS |
| GSM 850 | 190 | 5 | 836.6 | 8PSK | 2 Tx | 26.78 | 23.50 | 38.45 | PASS |
| GSM 850 | 190 | 5 | 836.6 | 8PSK | 3 Tx | 24.64 | 21.36 | 38.45 | PASS |
| GSM 850 | 190 | 5 | 836.6 | 8PSK | 4 Tx | 24.28 | 21.00 | 38.45 | PASS |
| GSM 850 | 128 | 5 | 824.2 | 8PSK | 1 Tx | 28.23 | 24.95 | 38.45 | PASS |
| GSM 850 | 128 | 5 | 824.2 | 8PSK | 2 Tx | 27.32 | 24.04 | 38.45 | PASS |
| GSM 850 | 128 | 5 | 824.2 | 8PSK | 3 Tx | 25.42 | 22.14 | 38.45 | PASS |
| GSM 850 | 128 | 5 | 824.2 | 8PSK | 4 Tx | 24.11 | 20.83 | 38.45 | PASS |
| PCS 1900 | 810 | 6 | 1909.8 | 8PSK | 1 Tx | 27.43 | 26.14 | 33.01 | PASS |
| PCS 1900 | 810 | 6 | 1909.8 | 8PSK | 2 Tx | 26.01 | 24.72 | 33.01 | PASS |
| PCS 1900 | 810 | 6 | 1909.8 | 8PSK | 3 Tx | 24.06 | 22.77 | 33.01 | PASS |
| PCS 1900 | 810 | 6 | 1909.8 | 8PSK | 4 Tx | 22.95 | 21.66 | 33.01 | PASS |
| PCS 1900 | 661 | 6 | 1880.0 | 8PSK | 1 Tx | 27.37 | 26.08 | 33.01 | PASS |
| PCS 1900 | 661 | 6 | 1880.0 | 8PSK | 2 Tx | 26.38 | 25.09 | 33.01 | PASS |
| PCS 1900 | 661 | 6 | 1880.0 | 8PSK | 3 Tx | 24.58 | 23.29 | 33.01 | PASS |
| PCS 1900 | 661 | 6 | 1880.0 | 8PSK | 4 Tx | 23.36 | 22.07 | 33.01 | PASS |
| PCS 1900 | 512 | 6 | 1850.2 | 8PSK | 1 Tx | 26.93 | 25.64 | 33.01 | PASS |
| PCS 1900 | 512 | 6 | 1850.2 | 8PSK | 2 Tx | 26.44 | 25.15 | 33.01 | PASS |
| PCS 1900 | 512 | 6 | 1850.2 | 8PSK | 3 Tx | 24.86 | 23.57 | 33.01 | PASS |
| PCS 1900 | 512 | 6 | 1850.2 | 8PSK | 4 Tx | 22.89 | 21.60 | 33.01 | PASS |

## Peak to Average Ratio EGPRS

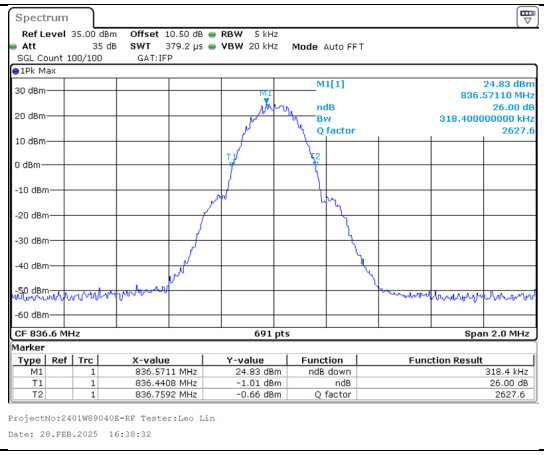
| Band | Channel | Freq (MHz) | Slots | Result (dB) | Limit (dB) | Verdict |
|---|---|---|---|---|---|---|
| GSM 850 | 251 | 848.8 | 1 Tx | 2.23 | 13 | PASS |
| GSM 850 | 190 | 836.6 | 1 Tx | 3.13 | 13 | PASS |
| GSM 850 | 128 | 824.2 | 1 Tx | 2.26 | 13 | PASS |
| PCS 1900 | 810 | 1909.8 | 1 Tx | 2.12 | 13 | PASS |
| PCS 1900 | 661 | 1880.0 | 1 Tx | 2.06 | 13 | PASS |
| PCS 1900 | 512 | 1850.2 | 1 Tx | 2.41 | 13 | PASS |

## Occupied Bandwidth EGPRS

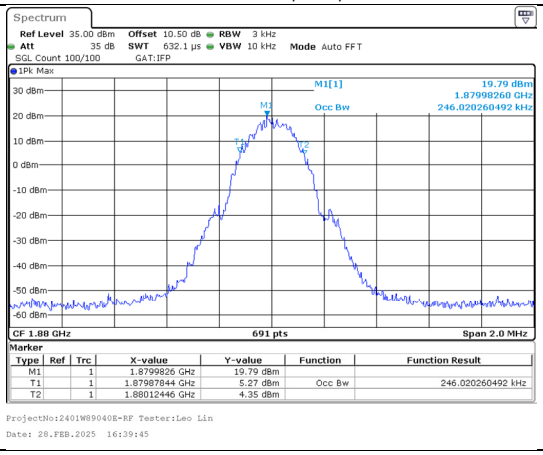
| Band | Channel | Freq (MHz) | Slots | OBW (MHz) | 26dB BW (MHz) | Verdict |
|---|---|---|---|---|---|---|
| GSM 850 | 190 | 836.6 | 1 Tx | 0.24313 | 0.3184 | PASS |
| PCS 1900 | 661 | 1880.0 | 1 Tx | 0.24602 | 0.3155 | PASS |



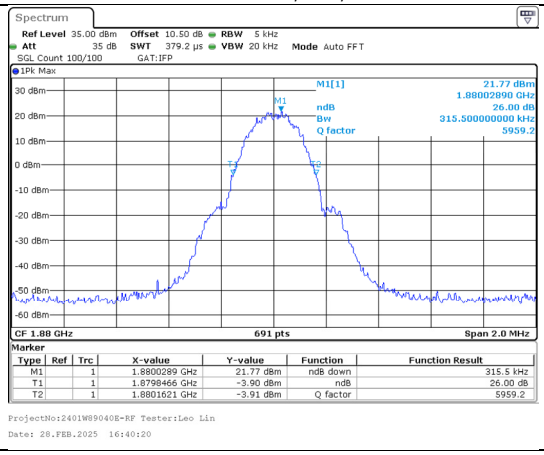

99%OBW
GSM 850 0.2MHz/836.6/Mid




26%OBW
GSM 850 0.2MHz/836.6/Mid

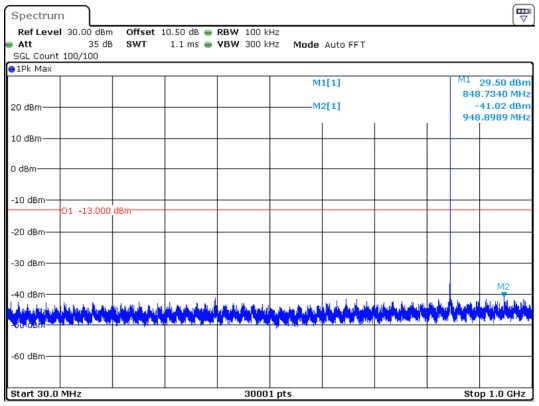



99%OBW
PCS 1900 0.2MHz/1880.0/Mid

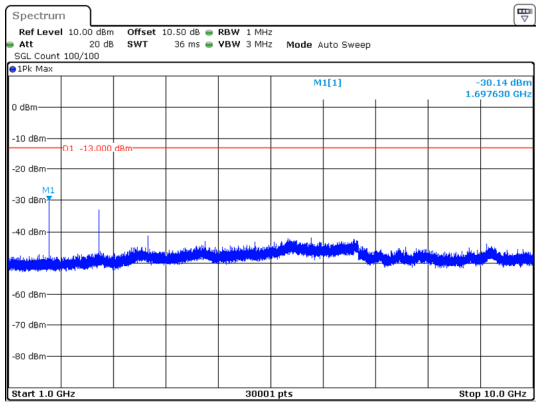



26%OBW
PCS 1900 0.2MHz/1880.0/Mid

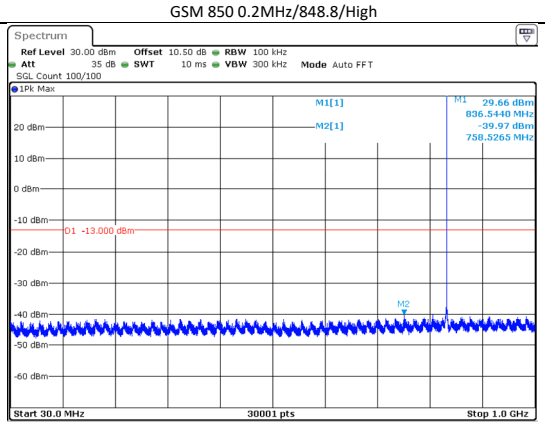
## Conducted Spurious Emissions EGPRS



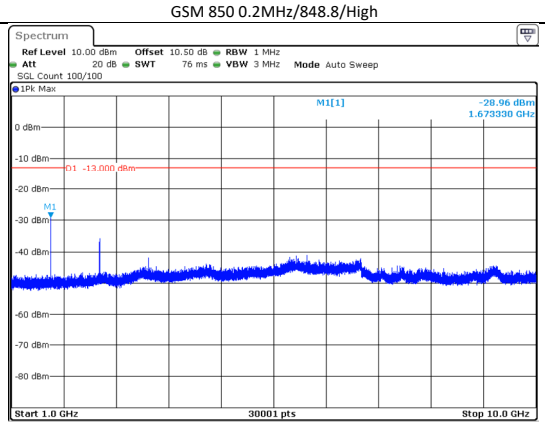

30.0MHz-1000.0MHz
GSM 850 0.2MHz/848.8/High



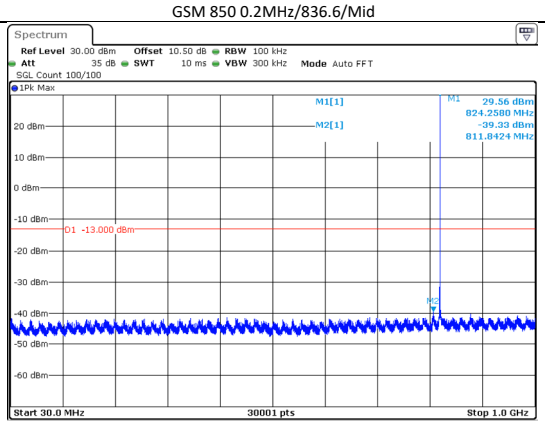

1000.0MHz-10000.0MHz
GSM 850 0.2MHz/848.8/High



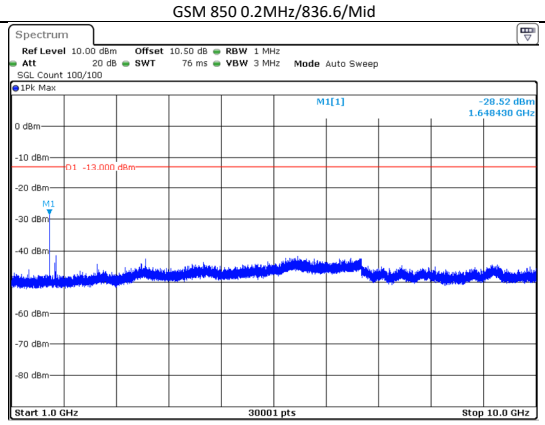

30.0MHz-1000.0MHz
GSM 850 0.2MHz/836.6/Mid



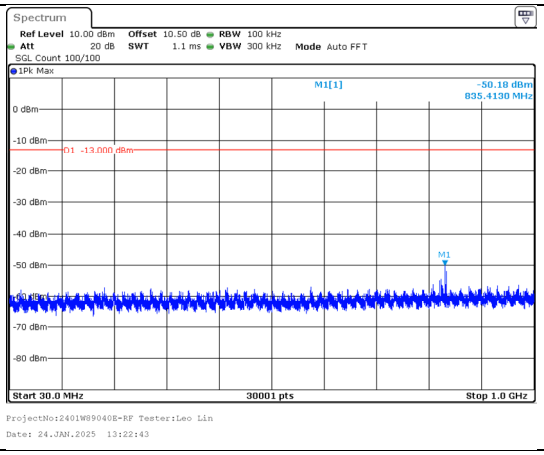

1000.0MHz-10000.0MHz
GSM 850 0.2MHz/836.6/Mid



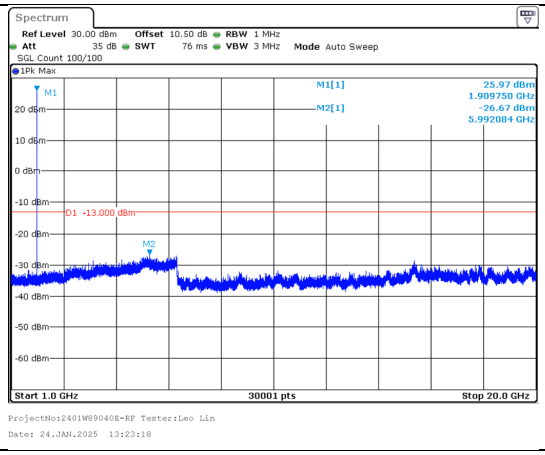

30.0MHz-1000.0MHz
GSM 850 0.2MHz/824.2/Low



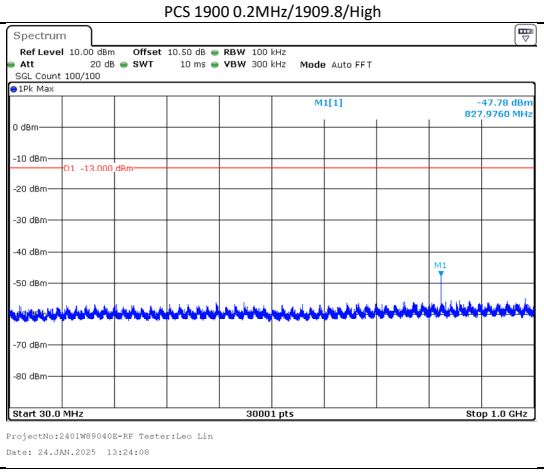

1000.0MHz-10000.0MHz
GSM 850 0.2MHz/824.2/Low



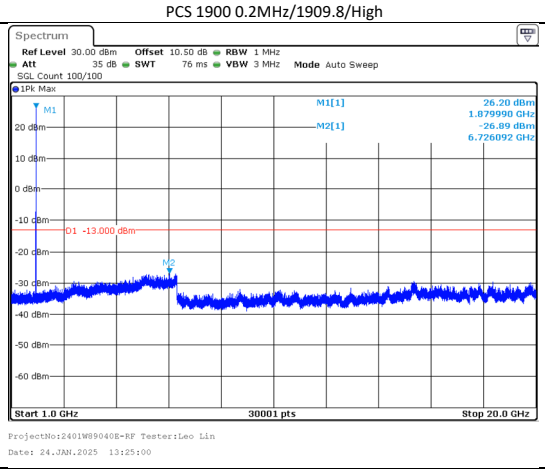

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1909.8/High



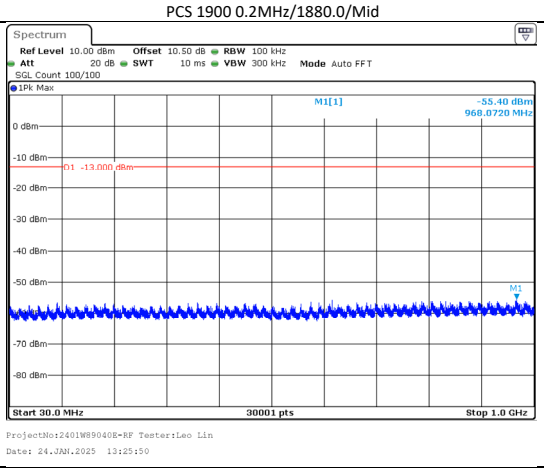

1000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1909.8/High



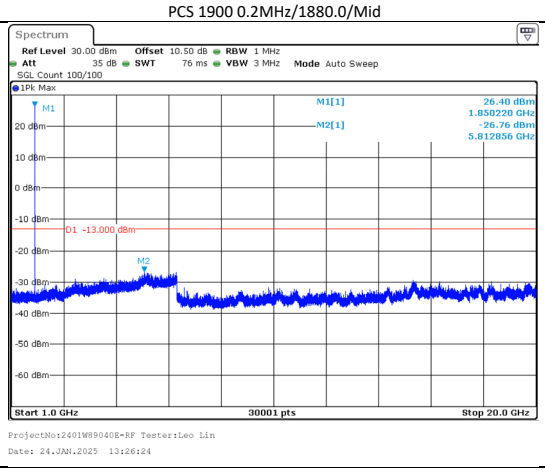

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1880.0/Mid




1000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1880.0/Mid



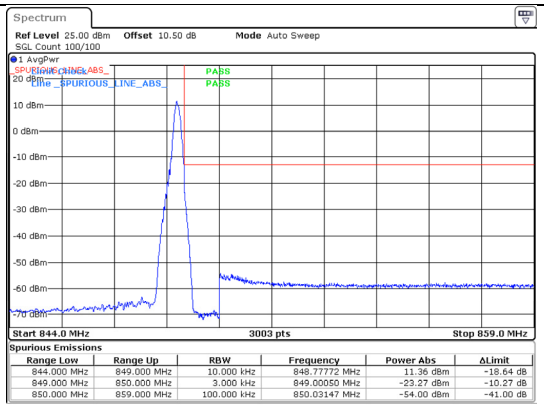

30.0MHz-1000.0MHz
PCS 1900 0.2MHz/1850.2/Low



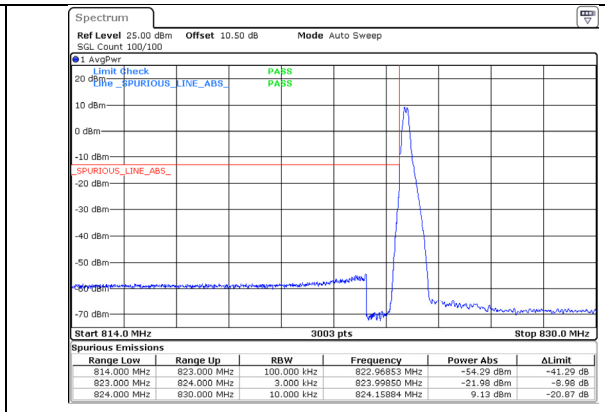

1000.0MHz-20000.0MHz
PCS 1900 0.2MHz/1850.2/Low

## Conducted Band Edge EGPRS

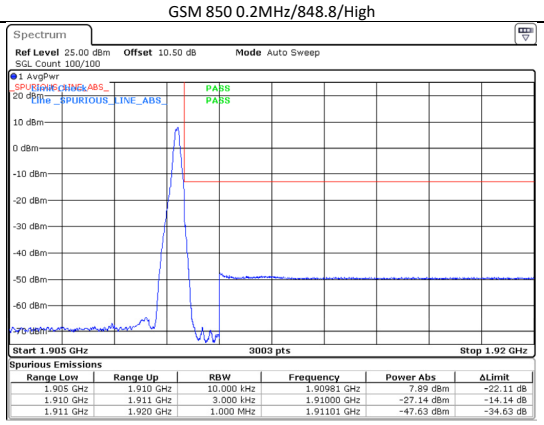
| Band | Channel | Freq (MHz) | Slots | Result | Verdict |
|---|---|---|---|---|---|
| GSM 850 | 251 | 848.8 | 1 Tx | see graph | PASS |
| GSM 850 | 128 | 824.2 | 1 Tx | see graph | PASS |
| PCS 1900 | 810 | 1909.8 | 1 Tx | see graph | PASS |
| PCS 1900 | 512 | 1850.2 | 1 Tx | see graph | PASS |



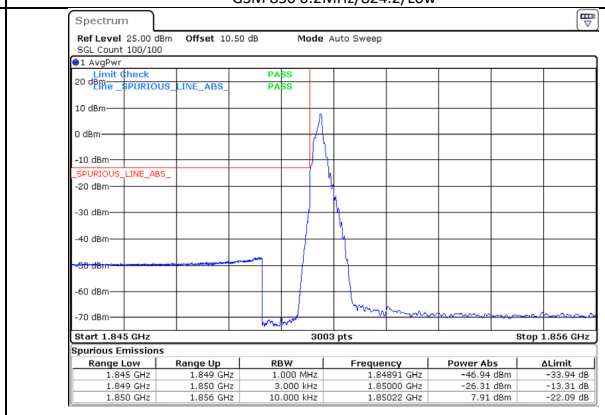

GSM 850 0.2MHz/848.8/High




GSM 850 0.2MHz/824.2/Low




PCS 1900 0.2MHz/1909.8/High




PCS 1900 0.2MHz/1850.2/Low

## Frequency Stability Error EGPRS

| Band | Channel | Freq (MHz) | Deviation (Hz) | Deviation (ppm) | Limit(ppm) | Verdict | Environment |
|---|---|---|---|---|---|---|---|
| GSM 850 | 251 | 848.8 | 3.37 | 0.00397 | ±2.5 | PASS | 20℃/4.4V |
| GSM 850 | 251 | 848.8 | -6.36 | -0.00749 | ±2.5 | PASS | 20℃/3.4V |
| GSM 850 | 251 | 848.8 | 1.50 | 0.00177 | ±2.5 | PASS | 50℃/3.8V |
| GSM 850 | 251 | 848.8 | -8.25 | -0.00972 | ±2.5 | PASS | 40℃/3.8V |
| GSM 850 | 251 | 848.8 | -2.28 | -0.00269 | ±2.5 | PASS | 30℃/3.8V |
| GSM 850 | 251 | 848.8 | 4.03 | 0.00475 | ±2.5 | PASS | 20℃/3.8V |
| GSM 850 | 251 | 848.8 | -4.11 | -0.00484 | ±2.5 | PASS | 10℃/3.8V |
| GSM 850 | 251 | 848.8 | 7.00 | 0.00825 | ±2.5 | PASS | 0℃/3.8V |
| GSM 850 | 251 | 848.8 | 3.22 | 0.00379 | ±2.5 | PASS | -10℃/3.8V |
| GSM 850 | 251 | 848.8 | -5.15 | -0.00607 | ±2.5 | PASS | -20℃/3.8V |
| GSM 850 | 251 | 848.8 | -4.26 | -0.00502 | ±2.5 | PASS | -30℃/3.8V |
| GSM 850 | 190 | 836.6 | 8.98 | 0.01073 | ±2.5 | PASS | 20℃/4.35V |
| GSM 850 | 190 | 836.6 | 7.82 | 0.00935 | ±2.5 | PASS | 20℃/3.4V |
| GSM 850 | 190 | 836.6 | 2.78 | 0.00332 | ±2.5 | PASS | 50℃/3.8V |
| GSM 850 | 190 | 836.6 | 6.89 | 0.00824 | ±2.5 | PASS | 40℃/3.8V |
| GSM 850 | 190 | 836.6 | -4.09 | -0.00489 | ±2.5 | PASS | 30℃/3.8V |
| GSM 850 | 190 | 836.6 | -2.08 | -0.00249 | ±2.5 | PASS | 20℃/3.8V |
| GSM 850 | 190 | 836.6 | 7.36 | 0.00880 | ±2.5 | PASS | 10℃/3.8V |
| GSM 850 | 190 | 836.6 | 3.22 | 0.00385 | ±2.5 | PASS | 0℃/3.8V |
| GSM 850 | 190 | 836.6 | -9.68 | -0.01157 | ±2.5 | PASS | -10℃/3.8V |
| GSM 850 | 190 | 836.6 | -1.94 | -0.00232 | ±2.5 | PASS | -20℃/3.8V |
| GSM 850 | 190 | 836.6 | -0.58 | -0.00069 | ±2.5 | PASS | -30℃/3.8V |
| GSM 850 | 128 | 824.2 | 4.59 | 0.00557 | ±2.5 | PASS | 20℃/4.35V |
| GSM 850 | 128 | 824.2 | 9.26 | 0.01124 | ±2.5 | PASS | 20℃/3.4V |
| GSM 850 | 128 | 824.2 | 4.96 | 0.00602 | ±2.5 | PASS | 50℃/3.8V |
| GSM 850 | 128 | 824.2 | -6.36 | -0.00772 | ±2.5 | PASS | 40℃/3.8V |
| GSM 850 | 128 | 824.2 | 3.29 | 0.00399 | ±2.5 | PASS | 30℃/3.8V |
| GSM 850 | 128 | 824.2 | 7.56 | 0.00917 | ±2.5 | PASS | 20℃/3.8V |
| GSM 850 | 128 | 824.2 | 1.29 | 0.00157 | ±2.5 | PASS | 10℃/3.8V |
| GSM 850 | 128 | 824.2 | -5.45 | -0.00661 | ±2.5 | PASS | 0℃/3.8V |
| GSM 850 | 128 | 824.2 | 7.18 | 0.00871 | ±2.5 | PASS | -10℃/3.8V |
| GSM 850 | 128 | 824.2 | -3.05 | -0.00370 | ±2.5 | PASS | -20℃/3.8V |
| GSM 850 | 128 | 824.2 | -0.28 | -0.00034 | ±2.5 | PASS | -30℃/3.8V |

## 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 | 1850.052 | 1850.000 | 1909.939 | 1910.000 | 20℃/4.4V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.047 | 1850.000 | 1910.002 | 1910.000 | 20℃/3.4V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.002 | 1850.000 | 1909.853 | 1910.000 | 50℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.069 | 1850.000 | 1909.915 | 1910.000 | 40℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.042 | 1850.000 | 1909.814 | 1910.000 | 30℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.190 | 1850.000 | 1909.852 | 1910.000 | 20℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.076 | 1850.000 | 1909.906 | 1910.000 | 10℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.035 | 1850.000 | 1909.821 | 1910.000 | 0℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.168 | 1850.000 | 1909.897 | 1910.000 | -10℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.111 | 1850.000 | 1909.990 | 1910.000 | -20℃/3.8V |
| PCS 1900 | 512/810 | 1850.2/1909.8 | 1850.174 | 1850.000 | 1909.861 | 1910.000 | -30℃/3.8V |