# Appendix F: Conducted Spurious Emission

## Test Result

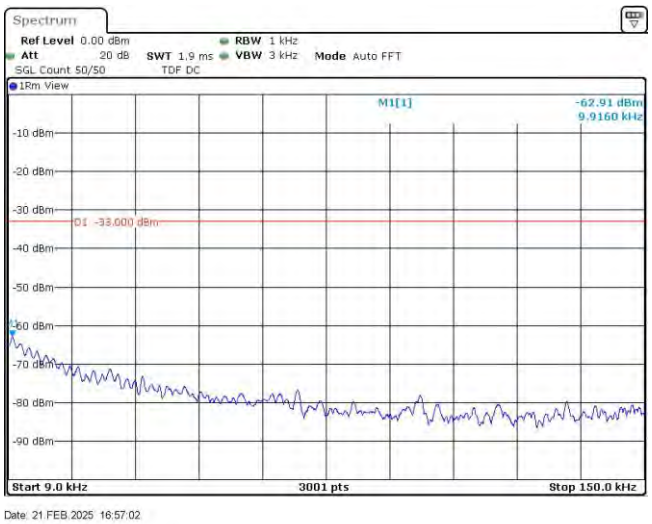
| Band | Channel | Frequency Range(MHz) | Max.Freq. (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|
| GSM850 | 128 | 0.009~0.15MHz | 0.01 | -62.91 | -33 | PASS |
| GSM850 | 128 | 0.15~30MHz | 22.98 | -51.73 | -13 | PASS |
| GSM850 | 128 | 30~1000MHz | 939.6 | -35.74 | -13 | PASS |
| GSM850 | 128 | 1000~3000MHz | 2912.77 | -43.93 | -13 | PASS |
| GSM850 | 128 | 3000~10000MHz | 5941.42 | -53.4 | -13 | PASS |
| GSM850 | 190 | 0.009~0.15MHz | 0.01 | -63.38 | -33 | PASS |
| GSM850 | 190 | 0.15~30MHz | 23.5 | -51.46 | -13 | PASS |
| GSM850 | 190 | 30~1000MHz | 602.07 | -35.23 | -13 | PASS |
| GSM850 | 190 | 1000~3000MHz | 2938.37 | -43.88 | -13 | PASS |
| GSM850 | 190 | 3000~10000MHz | 5941.19 | -53.47 | -13 | PASS |
| GSM850 | 251 | 0.009~0.15MHz | 0.01 | -62.78 | -33 | PASS |
| GSM850 | 251 | 0.15~30MHz | 23.72 | -50.94 | -13 | PASS |
| GSM850 | 251 | 30~1000MHz | 978.37 | -35.77 | -13 | PASS |
| GSM850 | 251 | 1000~3000MHz | 2927.1 | -44.08 | -13 | PASS |
| GSM850 | 251 | 3000~10000MHz | 5941.65 | -52.93 | -13 | PASS |
| GPRS850 | 128 | 0.009~0.15MHz | 0.01 | -62.79 | -33 | PASS |
| GPRS850 | 128 | 0.15~30MHz | 23.19 | -50.92 | -13 | PASS |
| GPRS850 | 128 | 30~1000MHz | 997.74 | -35.67 | -13 | PASS |
| GPRS850 | 128 | 1000~3000MHz | 2948.1 | -43.99 | -13 | PASS |
| GPRS850 | 128 | 3000~10000MHz | 5940.95 | -53.89 | -13 | PASS |
| GPRS850 | 190 | 0.009~0.15MHz | 0.01 | -62.55 | -33 | PASS |
| GPRS850 | 190 | 0.15~30MHz | 25.16 | -50.9 | -13 | PASS |
| GPRS850 | 190 | 30~1000MHz | 711.52 | -35.4 | -13 | PASS |
| GPRS850 | 190 | 1000~3000MHz | 1697.61 | -43.95 | -13 | PASS |
| GPRS850 | 190 | 3000~10000MHz | 6198.54 | -54.63 | -13 | PASS |
| GPRS850 | 251 | 0.009~0.15MHz | 0.01 | -62.73 | -33 | PASS |
| GPRS850 | 251 | 0.15~30MHz | 23.84 | -52.35 | -13 | PASS |
| GPRS850 | 251 | 30~1000MHz | 963.04 | -36.05 | -13 | PASS |
| GPRS850 | 251 | 1000~3000MHz | 2981.5 | -43.71 | -13 | PASS |
| GPRS850 | 251 | 3000~10000MHz | 5941.65 | -52.58 | -13 | PASS |
| EGPRS850 | 128 | 0.009~0.15MHz | 0.03 | -65.72 | -33 | PASS |
| EGPRS850 | 128 | 0.15~30MHz | 23.56 | -51.26 | -13 | PASS |
| EGPRS850 | 128 | 30~1000MHz | 618.47 | -35.66 | -13 | PASS |
| EGPRS850 | 128 | 1000~3000MHz | 2999.7 | -43.95 | -13 | PASS |
| EGPRS850 | 128 | 3000~10000MHz | 6190.84 | -54.83 | -13 | PASS |
| EGPRS850 | 190 | 0.009~0.15MHz | 0.03 | -65.77 | -33 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| EGPRS850 | 190 | 0.15~30MHz | 25.78 | -52.53 | -13 | PASS |
| EGPRS850 | 190 | 30~1000MHz | 975.59 | -34.47 | -13 | PASS |
| EGPRS850 | 190 | 1000~3000MHz | 2983.5 | -43.96 | -13 | PASS |
| EGPRS850 | 190 | 3000~10000MHz | 6203.44 | -54.42 | -13 | PASS |
| EGPRS850 | 251 | 0.009~0.15MHz | 0.05 | -67.13 | -33 | PASS |
| EGPRS850 | 251 | 0.15~30MHz | 23.07 | -50.94 | -13 | PASS |
| EGPRS850 | 251 | 30~1000MHz | 973.68 | -35.81 | -13 | PASS |
| EGPRS850 | 251 | 1000~3000MHz | 2911.5 | -43.96 | -13 | PASS |
| EGPRS850 | 251 | 3000~10000MHz | 6197.38 | -54.64 | -13 | PASS |
| GSM1900 | 512 | 0.009~0.15MHz | 0.01 | -71.68 | -43 | PASS |
| GSM1900 | 512 | 0.15~30MHz | 23.21 | -50.72 | -23 | PASS |
| GSM1900 | 512 | 30~1000MHz | 820.83 | -36.14 | -13 | PASS |
| GSM1900 | 512 | 1000~3000MHz | 2979.8 | -43.86 | -13 | PASS |
| GSM1900 | 512 | 3000~10000MHz | 3818.86 | -52.11 | -13 | PASS |
| GSM1900 | 512 | 10000~18000MHz | 17392.69 | -44.2 | -13 | PASS |
| GSM1900 | 661 | 0.009~0.15MHz | 0.01 | -73.02 | -43 | PASS |
| GSM1900 | 661 | 0.15~30MHz | 23.15 | -51.1 | -23 | PASS |
| GSM1900 | 661 | 30~1000MHz | 985.86 | -35.39 | -13 | PASS |
| GSM1900 | 661 | 1000~3000MHz | 2943.4 | -43.89 | -13 | PASS |
| GSM1900 | 661 | 3000~10000MHz | 3819.09 | -48.88 | -13 | PASS |
| GSM1900 | 661 | 10000~18000MHz | 17388.69 | -44.16 | -13 | PASS |
| GSM1900 | 810 | 0.009~0.15MHz | 0.01 | -73.04 | -43 | PASS |
| GSM1900 | 810 | 0.15~30MHz | 23.61 | -52.13 | -23 | PASS |
| GSM1900 | 810 | 30~1000MHz | 982.1 | -35.45 | -13 | PASS |
| GSM1900 | 810 | 1000~3000MHz | 2990.73 | -44.08 | -13 | PASS |
| GSM1900 | 810 | 3000~10000MHz | 3820.26 | -50.33 | -13 | PASS |
| GSM1900 | 810 | 10000~18000MHz | 17400.42 | -44.1 | -13 | PASS |
| GPRS1900 | 512 | 0.009~0.15MHz | 0.01 | -72.51 | -43 | PASS |
| GPRS1900 | 512 | 0.15~30MHz | 24.5 | -50.93 | -23 | PASS |
| GPRS1900 | 512 | 30~1000MHz | 969.46 | -36.04 | -13 | PASS |
| GPRS1900 | 512 | 1000~3000MHz | 2949.47 | -43.9 | -13 | PASS |
| GPRS1900 | 512 | 3000~10000MHz | 5729.33 | -50.21 | -13 | PASS |
| GPRS1900 | 512 | 10000~18000MHz | 17398.29 | -44.17 | -13 | PASS |
| GPRS1900 | 661 | 0.009~0.15MHz | 0.01 | -73.22 | -43 | PASS |
| GPRS1900 | 661 | 0.15~30MHz | 24.12 | -51.74 | -23 | PASS |
| GPRS1900 | 661 | 30~1000MHz | 722.61 | -35.09 | -13 | PASS |
| GPRS1900 | 661 | 1000~3000MHz | 2962.8 | -43.95 | -13 | PASS |
| GPRS1900 | 661 | 3000~10000MHz | 3819.32 | -43.48 | -13 | PASS |
| GPRS1900 | 661 | 10000~18000MHz | 17401.22 | -44.28 | -13 | PASS |
| GPRS1900 | 810 | 0.009~0.15MHz | 0.01 | -72.64 | -43 | PASS |
| GPRS1900 | 810 | 0.15~30MHz | 28.56 | -51.53 | -23 | PASS |
| GPRS1900 | 810 | 30~1000MHz | 939.88 | -35.8 | -13 | PASS |
| GPRS1900 | 810 | 1000~3000MHz | 2992 | -43.93 | -13 | PASS |

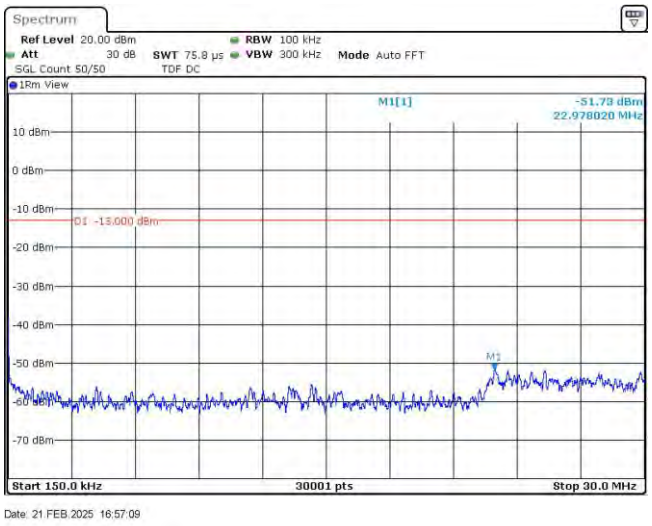
| | | | | | | |
|---|---|---|---|---|---|---|
| GPRS1900 | 810 | 3000~10000MHz | 3819.56 | -42.56 | -13 | PASS |
| GPRS1900 | 810 | 10000~18000MHz | 17398.29 | -44.28 | -13 | PASS |
| EGPRS1900 | 512 | 0.009~0.15MHz | 0.01 | -71.59 | -43 | PASS |
| EGPRS1900 | 512 | 0.15~30MHz | 24.67 | -52.34 | -23 | PASS |
| EGPRS1900 | 512 | 30~1000MHz | 714.91 | -36.11 | -13 | PASS |
| EGPRS1900 | 512 | 1000~3000MHz | 2933.6 | -43.99 | -13 | PASS |
| EGPRS1900 | 512 | 3000~10000MHz | 3820.02 | -51.72 | -13 | PASS |
| EGPRS1900 | 512 | 10000~18000MHz | 17403.89 | -44.14 | -13 | PASS |
| EGPRS1900 | 661 | 0.009~0.15MHz | 0.02 | -72.99 | -43 | PASS |
| EGPRS1900 | 661 | 0.15~30MHz | 25.6 | -50.64 | -23 | PASS |
| EGPRS1900 | 661 | 30~1000MHz | 986.73 | -35.51 | -13 | PASS |
| EGPRS1900 | 661 | 1000~3000MHz | 2979.93 | -43.99 | -13 | PASS |
| EGPRS1900 | 661 | 3000~10000MHz | 3819.79 | -48.84 | -13 | PASS |
| EGPRS1900 | 661 | 10000~18000MHz | 17411.35 | -44.21 | -13 | PASS |
| EGPRS1900 | 810 | 0.009~0.15MHz | 0.02 | -72.57 | -43 | PASS |
| EGPRS1900 | 810 | 0.15~30MHz | 25.81 | -51.94 | -23 | PASS |
| EGPRS1900 | 810 | 30~1000MHz | 983.79 | -35.17 | -13 | PASS |
| EGPRS1900 | 810 | 1000~3000MHz | 2979.8 | -43.82 | -13 | PASS |
| EGPRS1900 | 810 | 3000~10000MHz | 3819.56 | -48.96 | -13 | PASS |
| EGPRS1900 | 810 | 10000~18000MHz | 17393.49 | -43.86 | -13 | PASS |

## Test Graphs

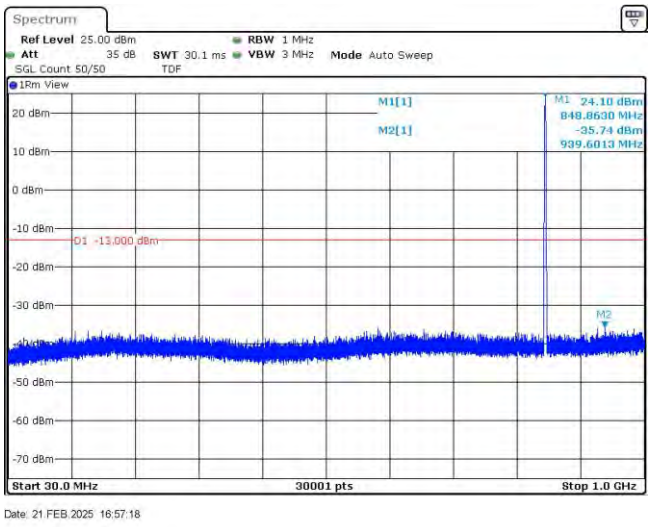
GSM850-128-3-0.009~0.15MHz



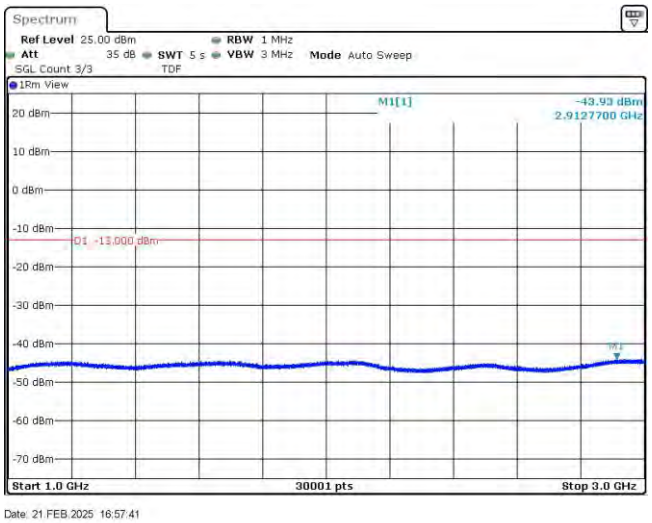

GSM850-128-3-0.15~30MHz



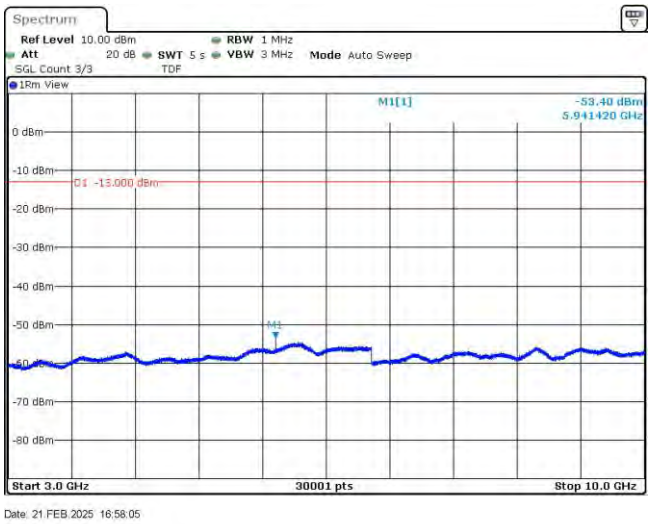

GSM850-128-3-30~1000MHz



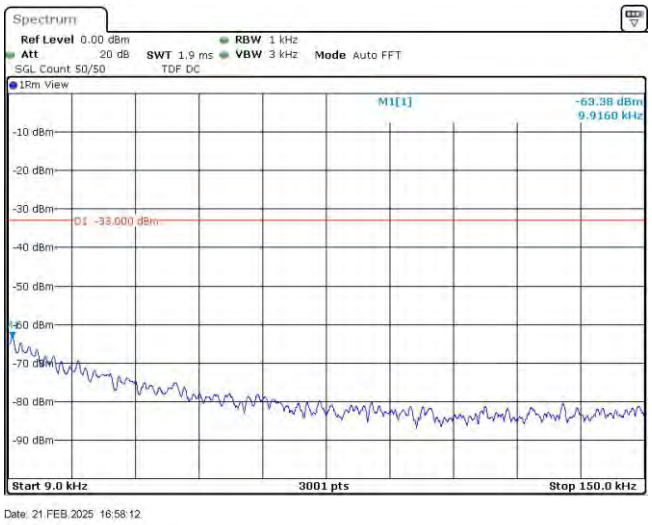
GSM850-128-3-1000~3000MHz



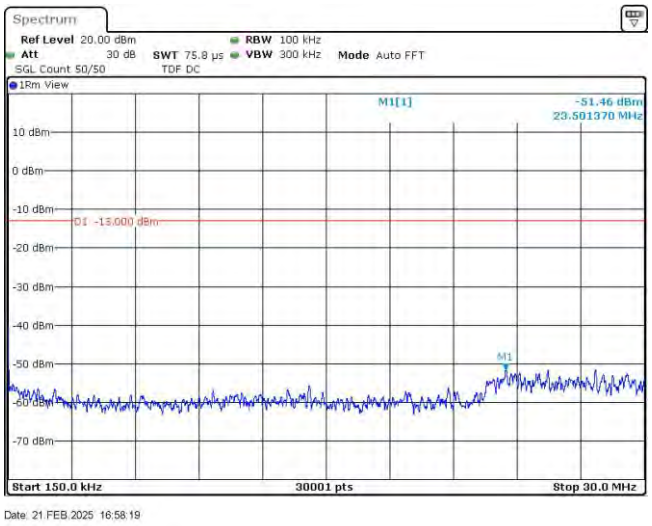

GSM850-128-3-3000~10000MHz



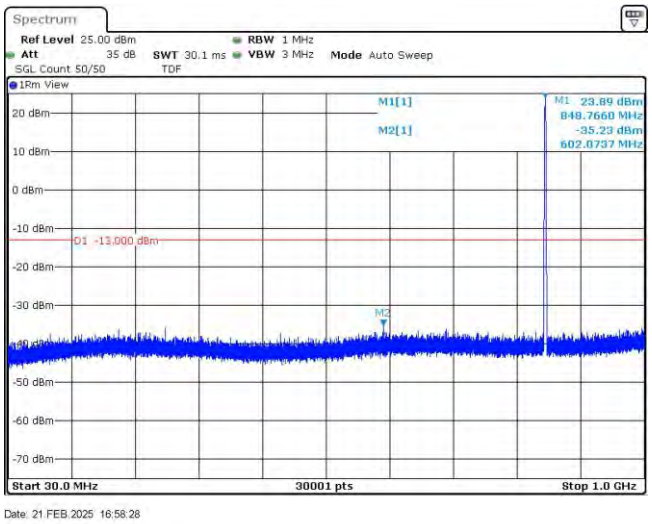

GSM850-190-3-0.009~0.15MHz



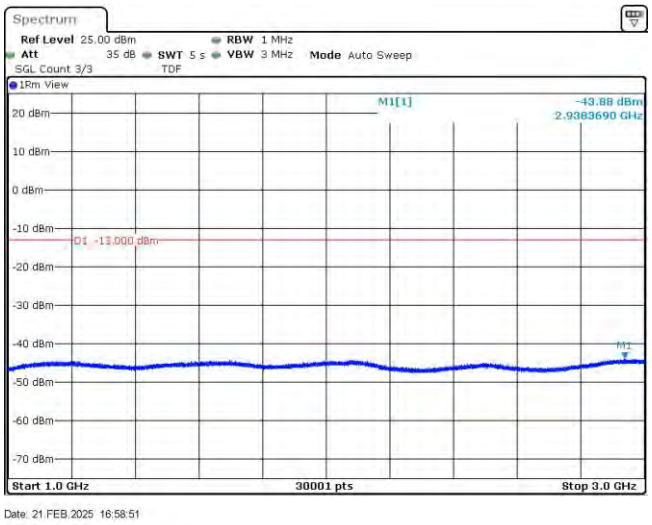

GSM850-190-3-0.15~30MHz



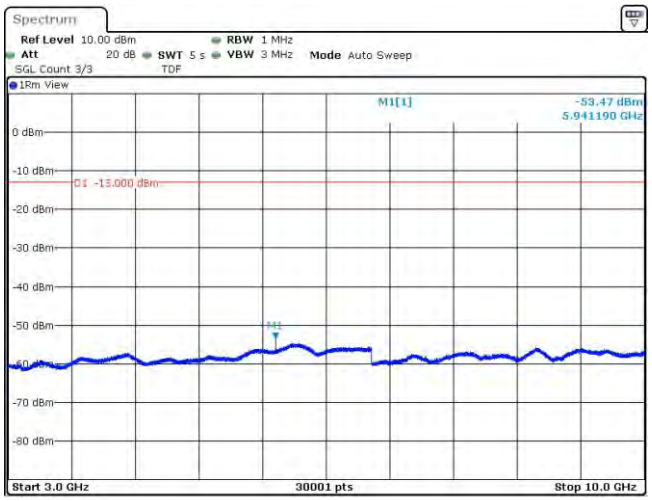

GSM850-190-3-30~1000MHz



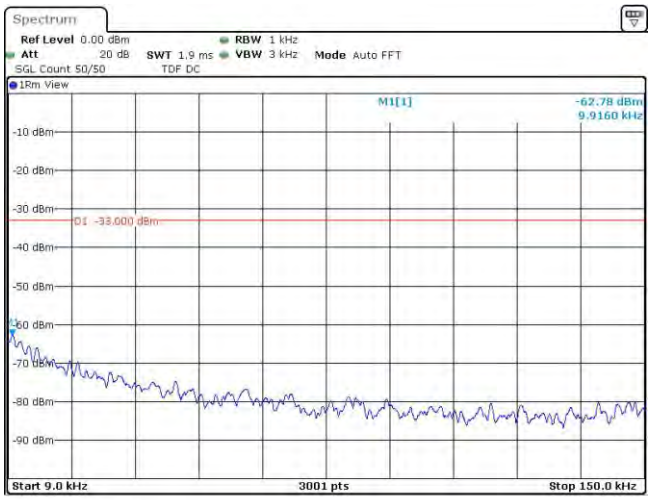

GSM850-190-3-1000~3000MHz



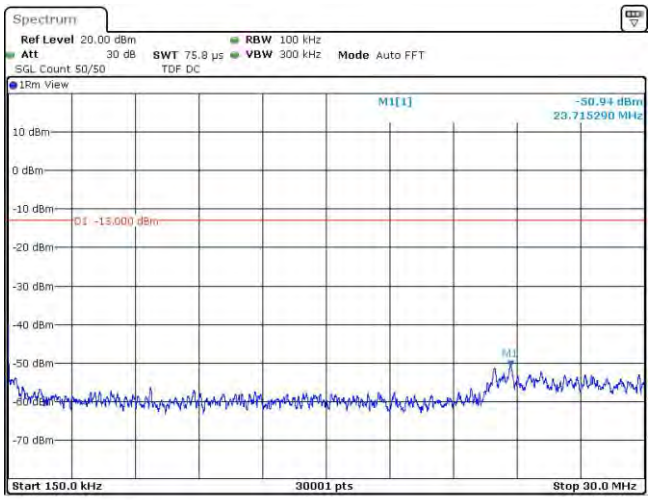

GSM850-190-3-3000~10000MHz



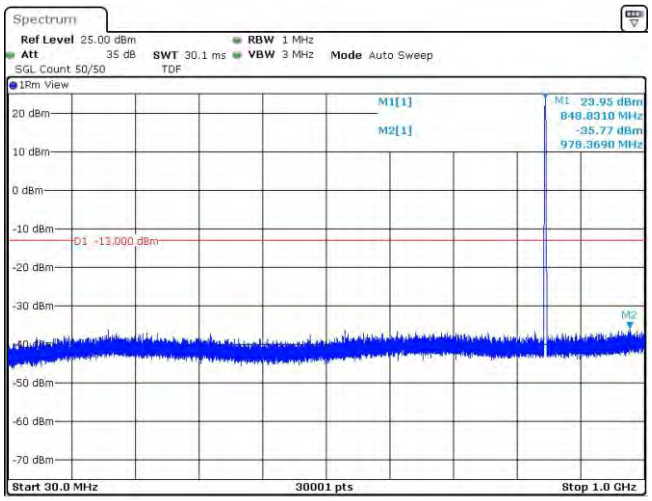

GSM850-251-3-0.009~0.15MHz




GSM850-251-3-0.15~30MHz

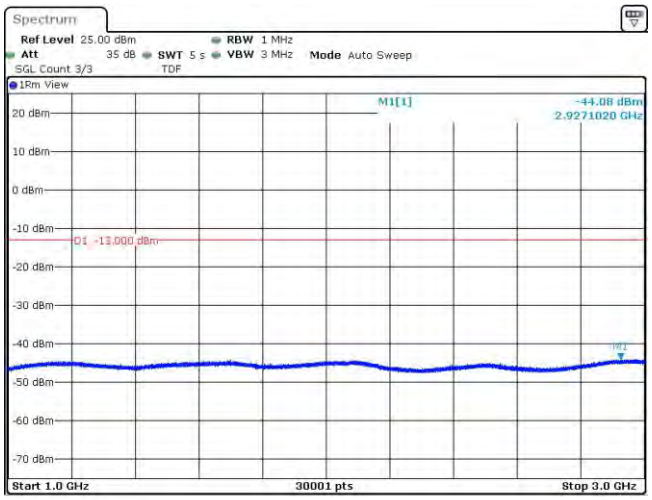



GSM850-251-3-30~1000MHz




Date: 21.FEB.2025 16:59:38

GSM850-251-3-1000~3000MHz

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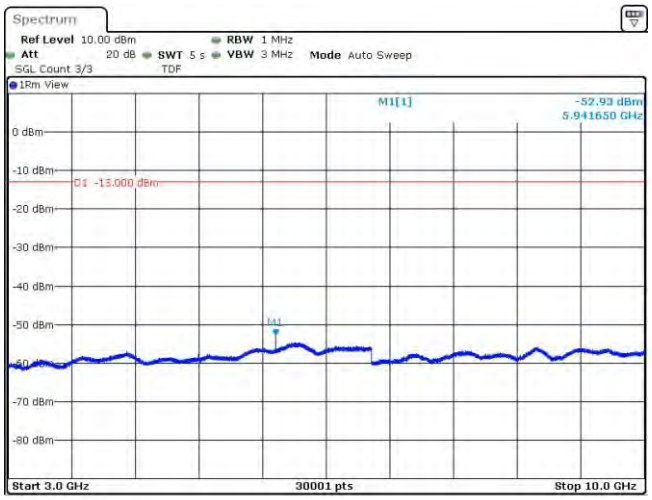
GSM850-251-3-3000~10000MHz

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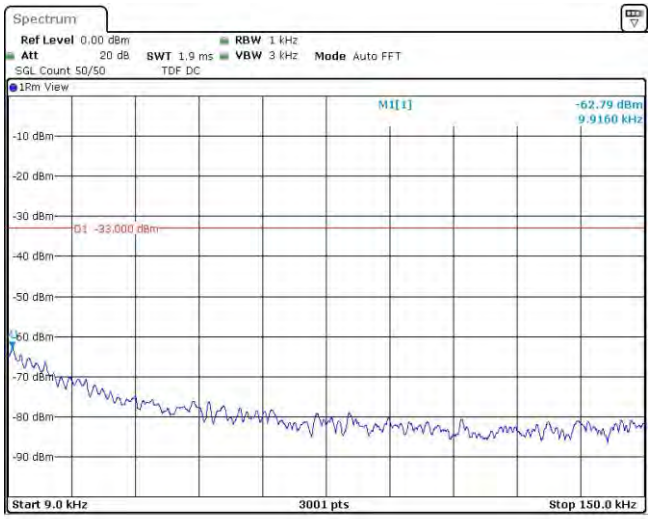
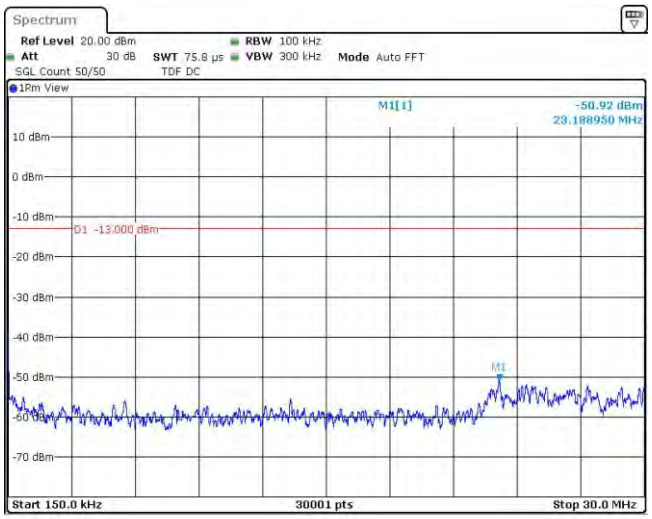
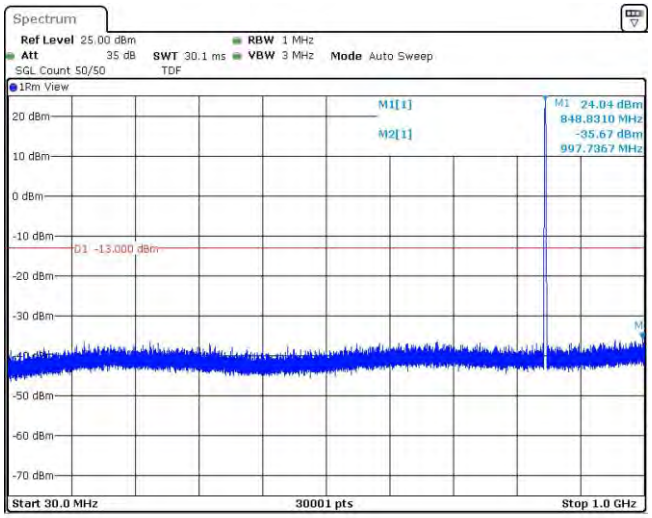
GPRS850-128-3-0.009~0.15MHz



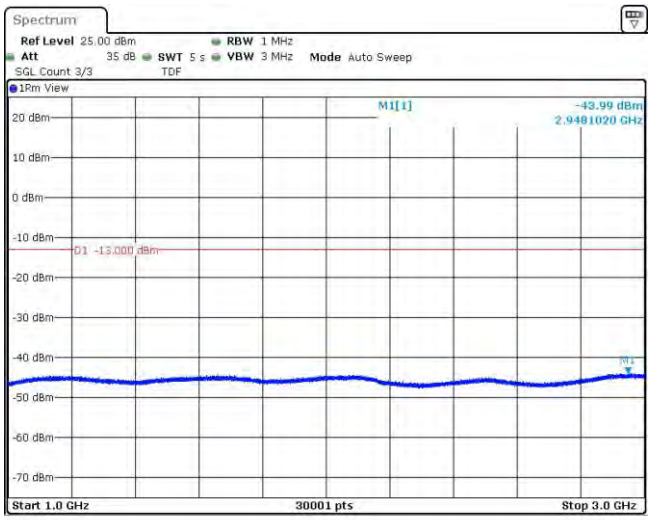

GPRS850-128-3-0.15~30MHz



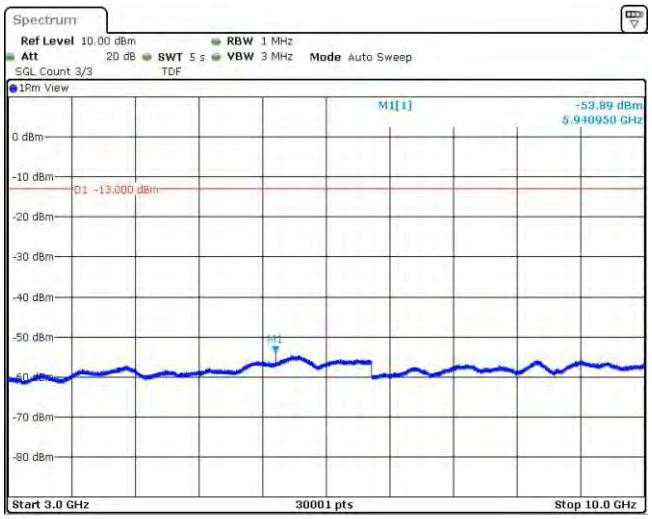

GPRS850-128-3-30~1000MHz



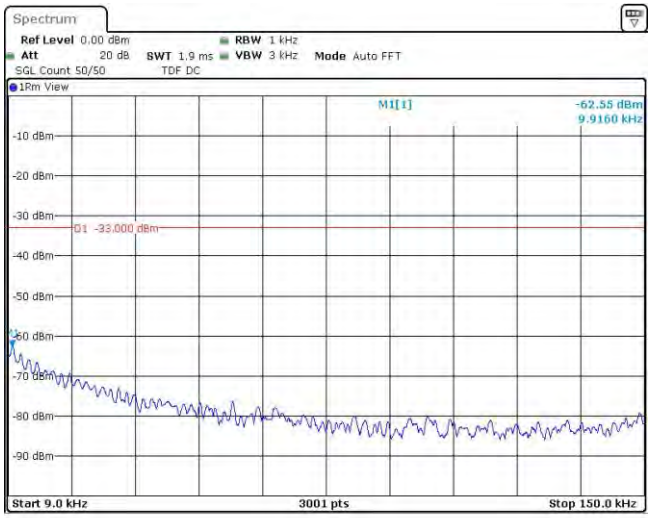

GPRS850-128-3-1000~3000MHz



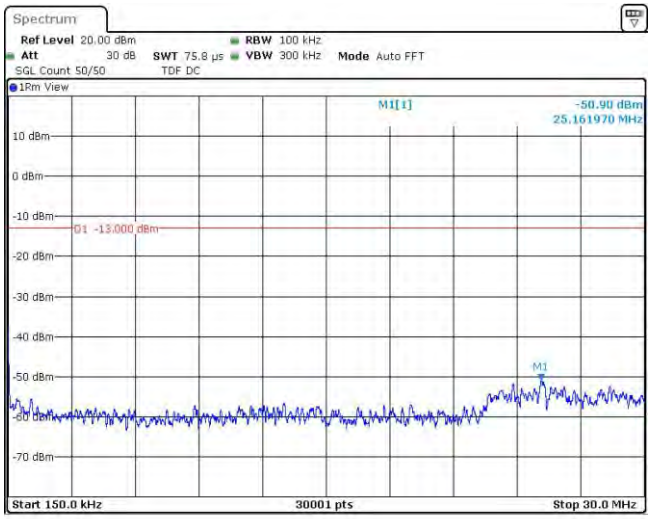

GPRS850-128-3-3000~10000MHz



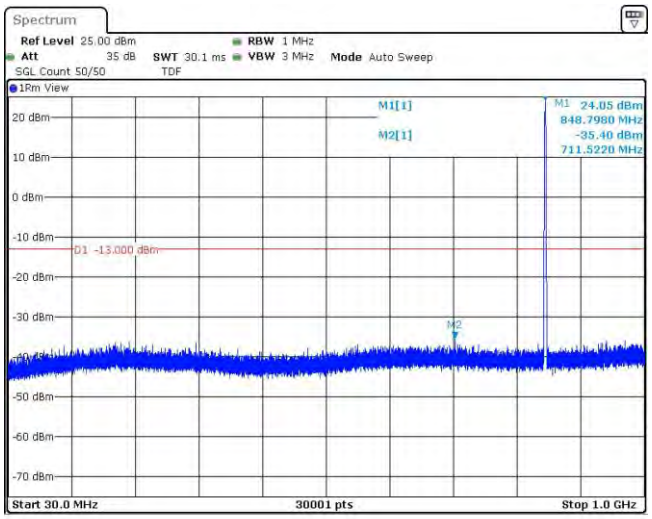

GPRS850-190-3-0.009~0.15MHz



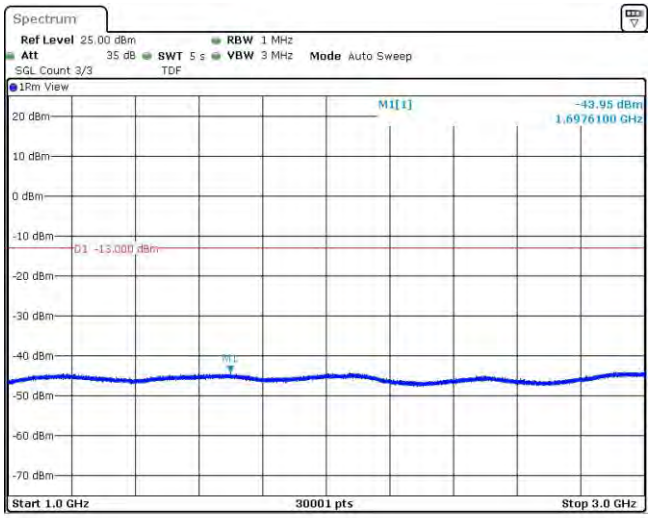

GPRS850-190-3-0.15~30MHz



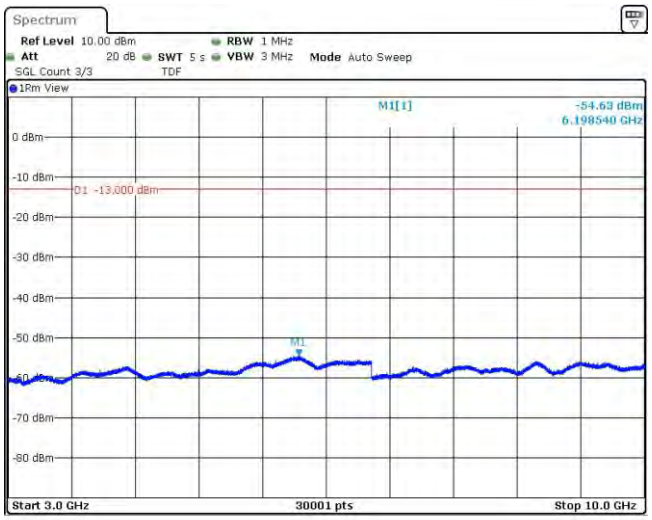

GPRS850-190-3-30~1000MHz



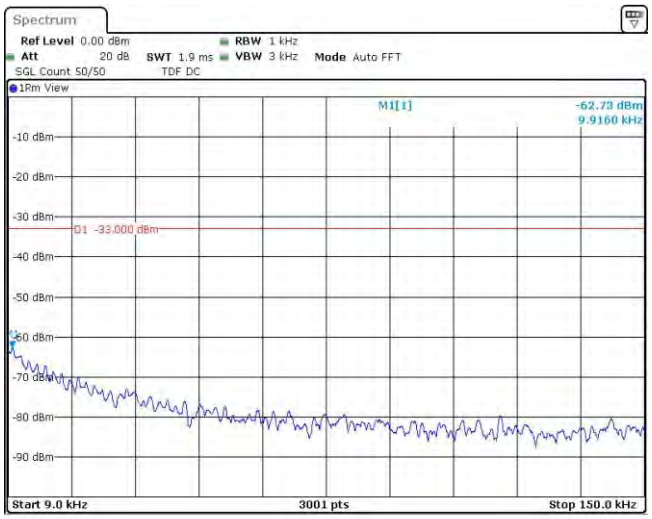

GPRS850-190-3-1000~3000MHz



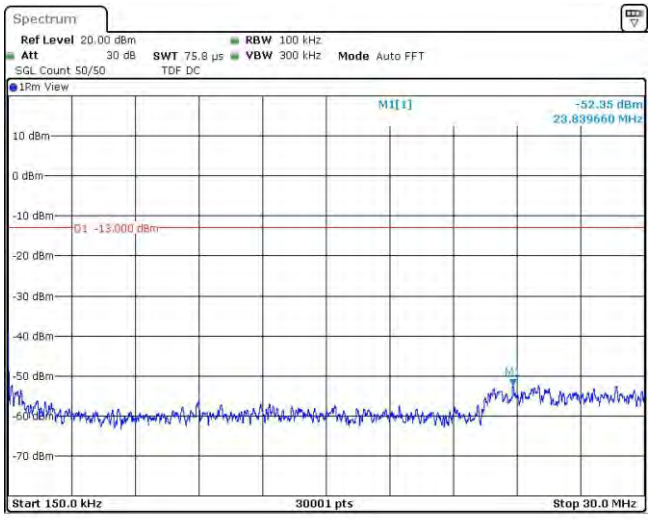

GPRS850-190-3-3000~10000MHz



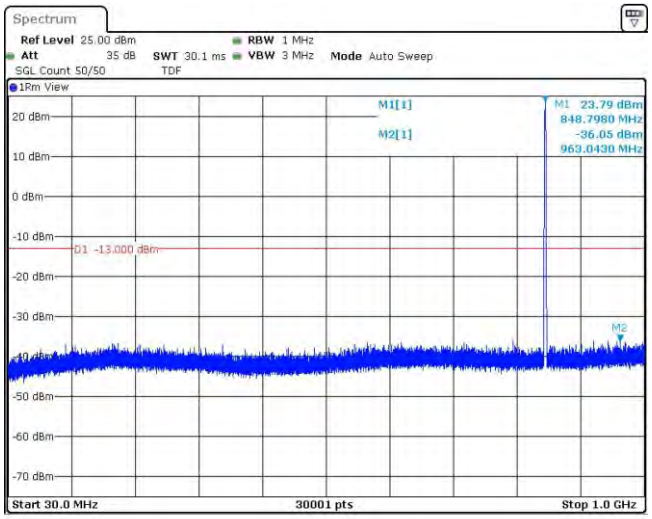

GPRS850-251-3-0.009~0.15MHz



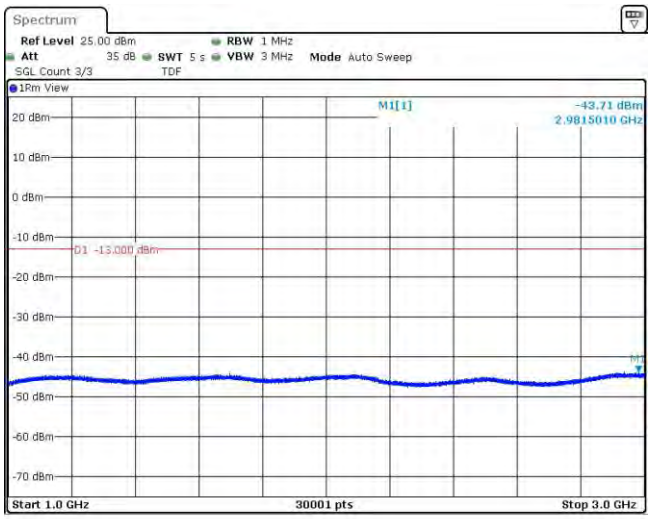

GPRS850-251-3-0.15~30MHz



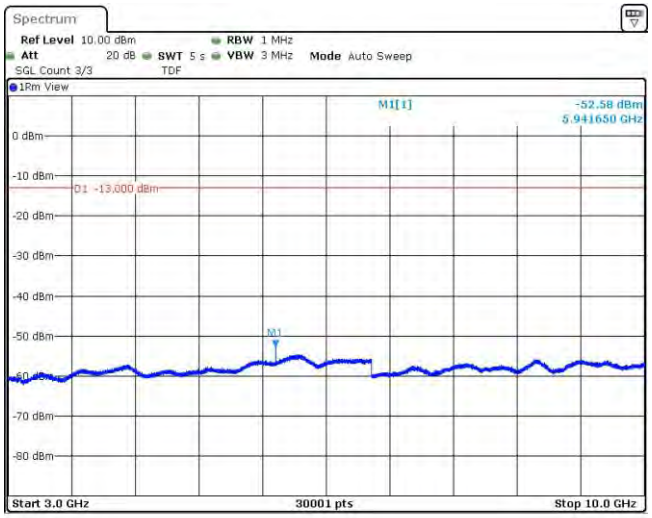

GPRS850-251-3-30~1000MHz



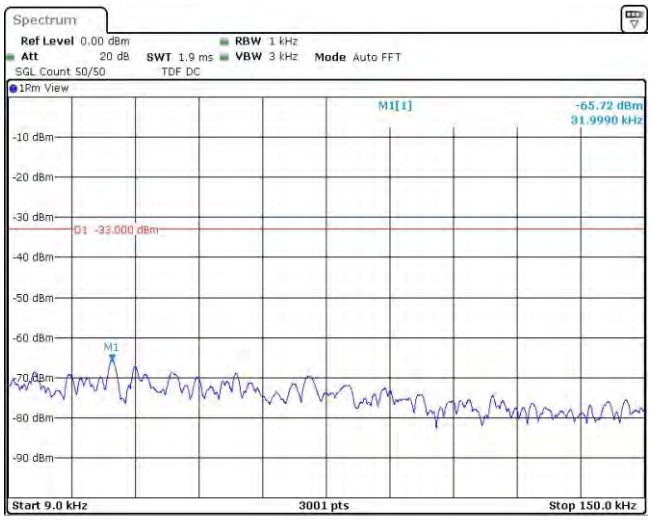

GPRS850-251-3-1000~3000MHz



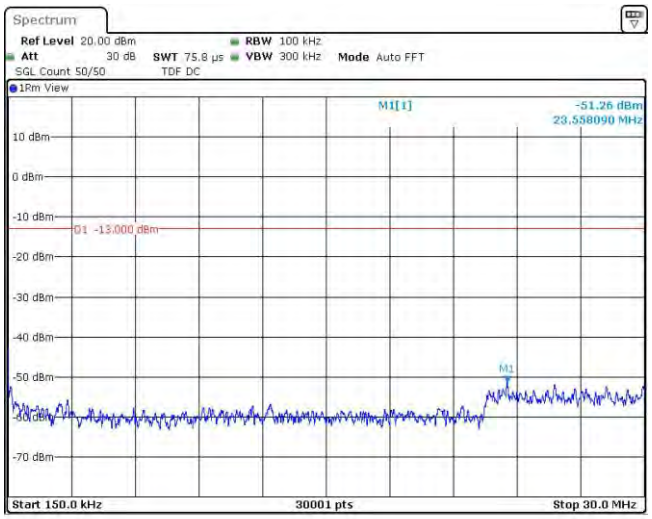

GPRS850-251-3-3000~10000MHz



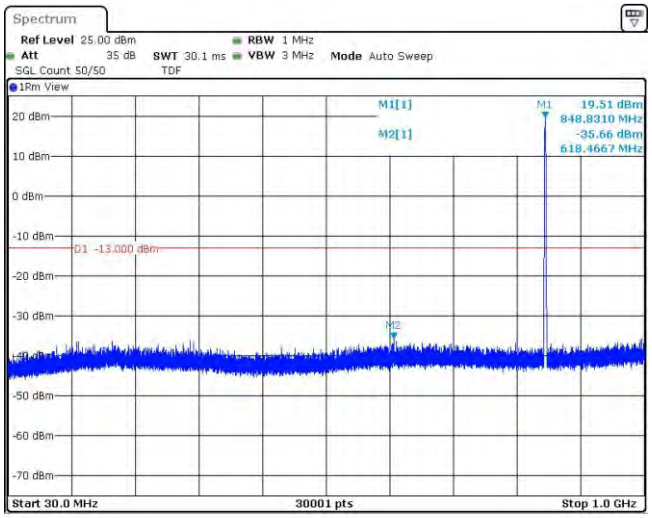

EGPRS850-128-8-0.009~0.15MHz



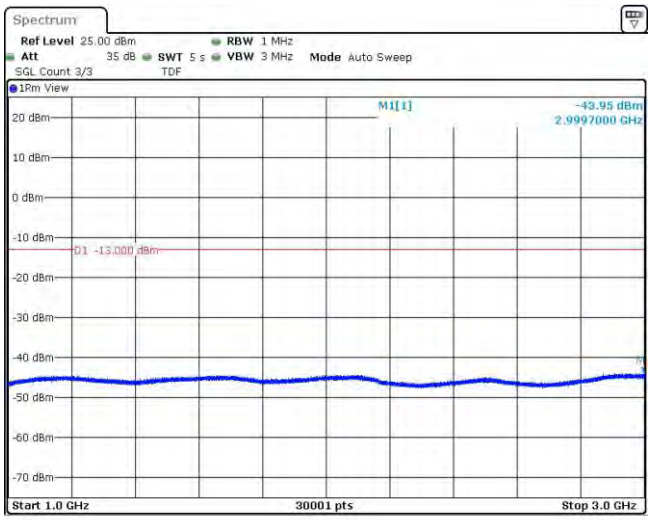

EGPRS850-128-8-0.15~30MHz



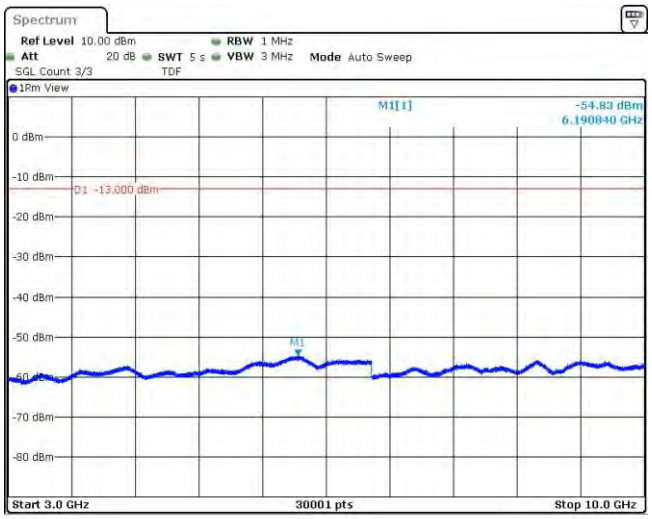

EGPRS850-128-8-30~1000MHz



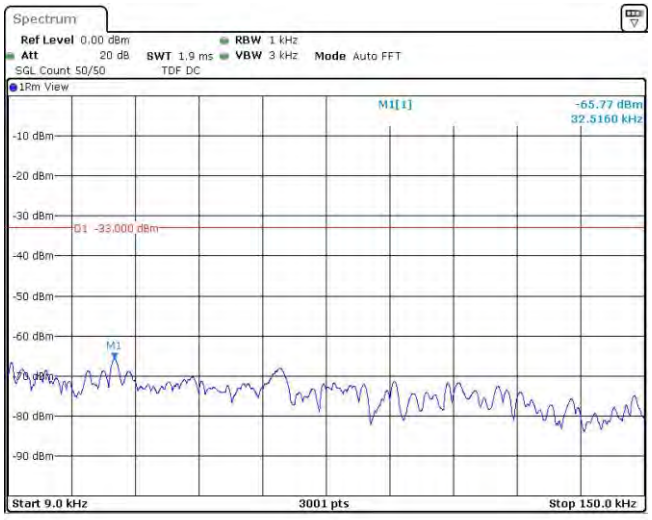

EGPRS850-128-8-1000~3000MHz



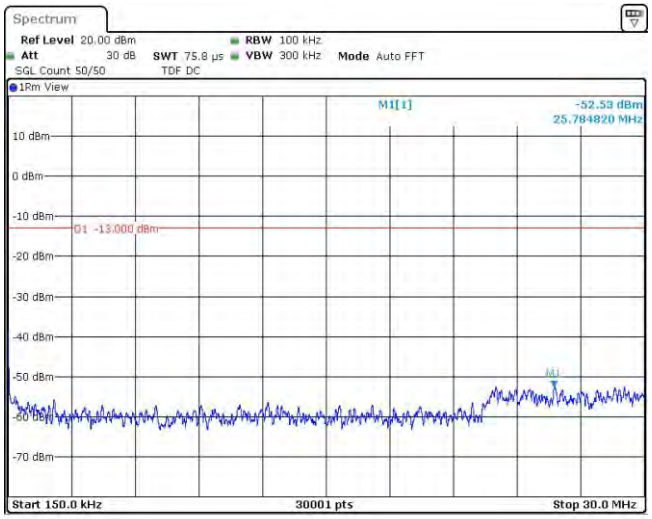

EGPRS850-128-8-3000~10000MHz



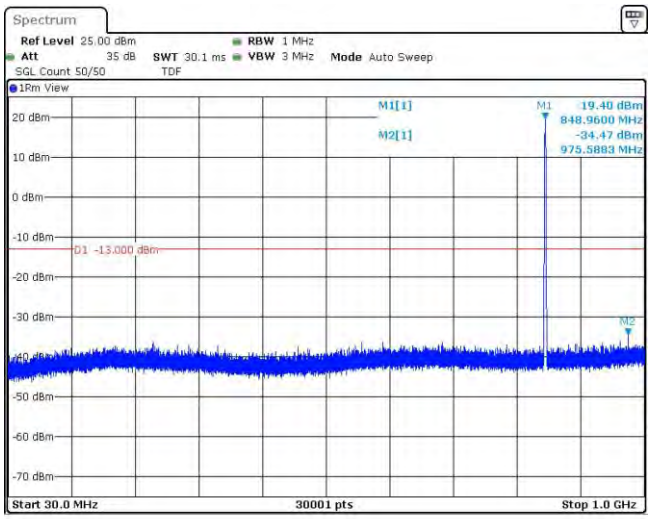

EGPRS850-190-8-0.009~0.15MHz



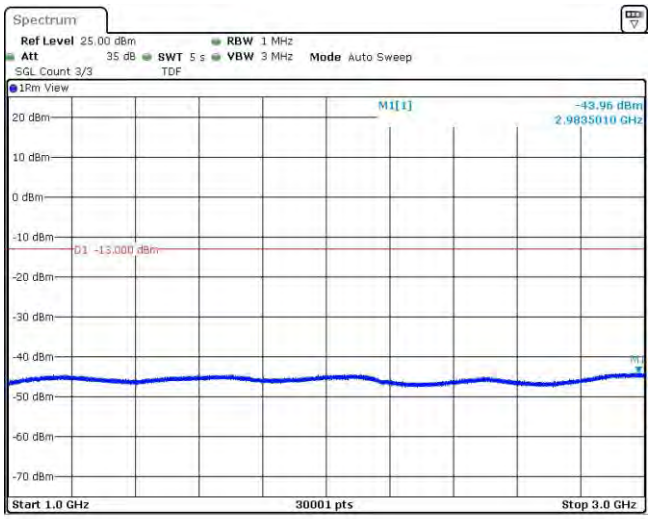

EGPRS850-190-8-0.15~30MHz



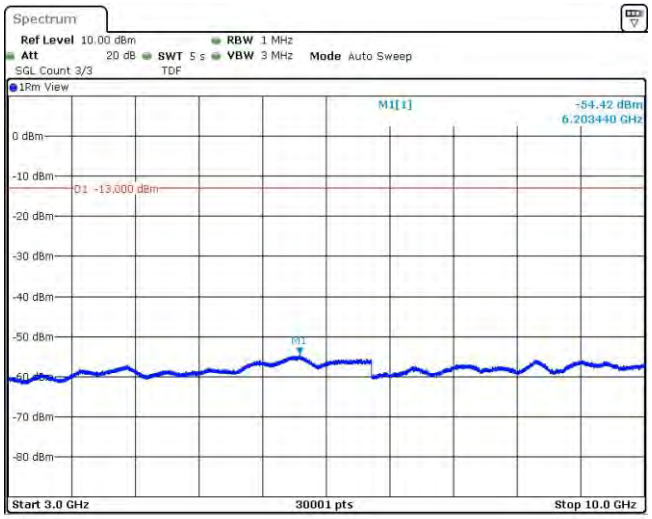

EGPRS850-190-8-30~1000MHz



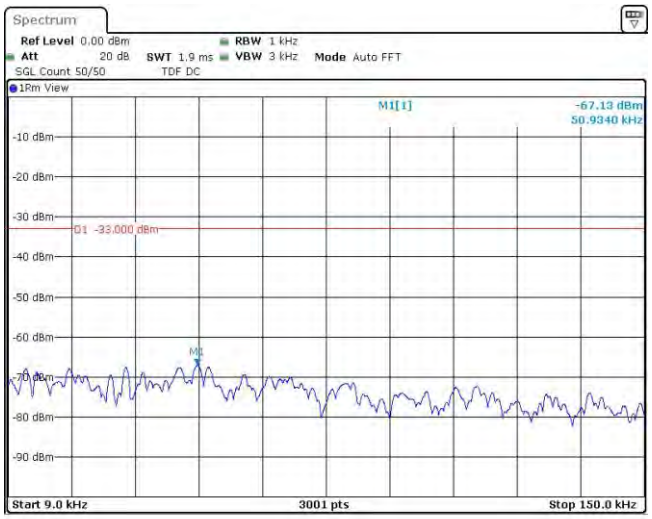

EGPRS850-190-8-1000~3000MHz



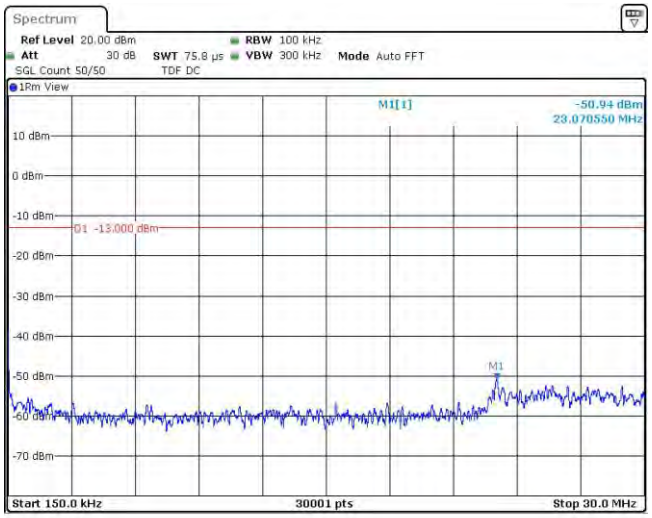

EGPRS850-190-8-3000~10000MHz



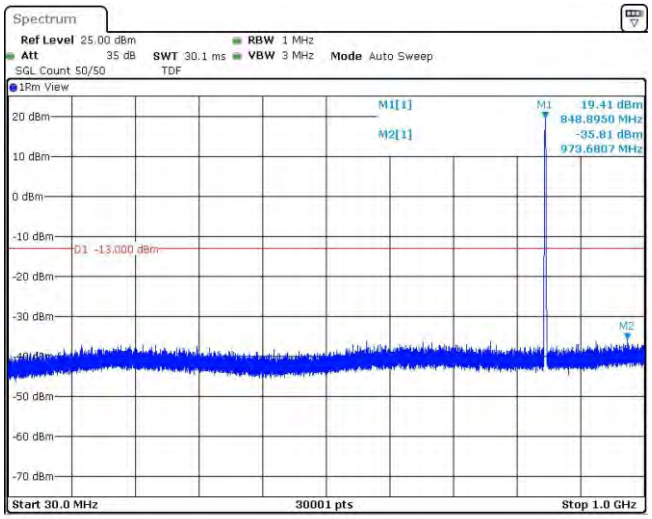

EGPRS850-251-8-0.009~0.15MHz



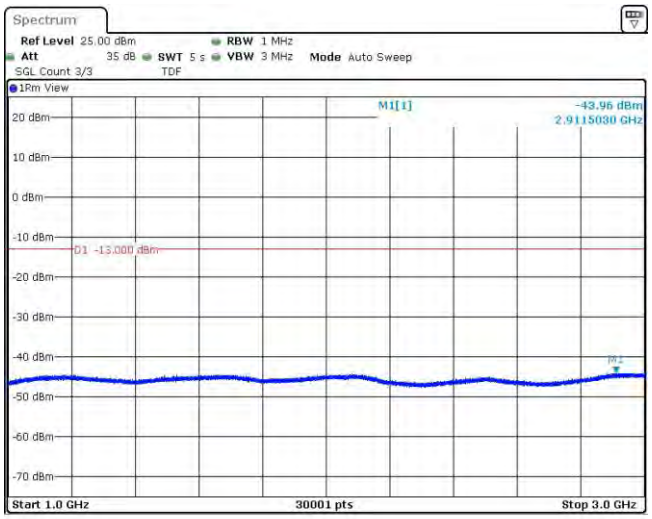

EGPRS850-251-8-0.15~30MHz



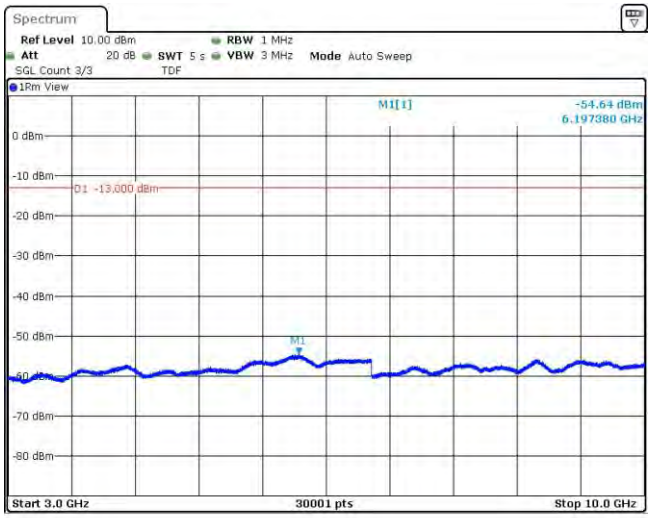

EGPRS850-251-8-30~1000MHz



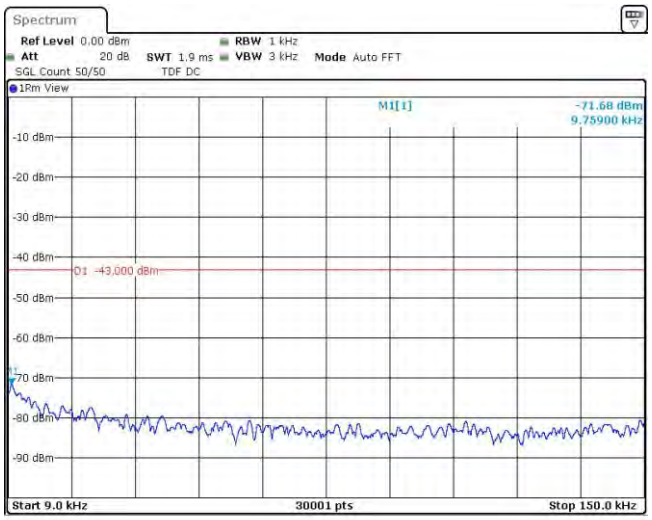

EGPRS850-251-8-1000~3000MHz



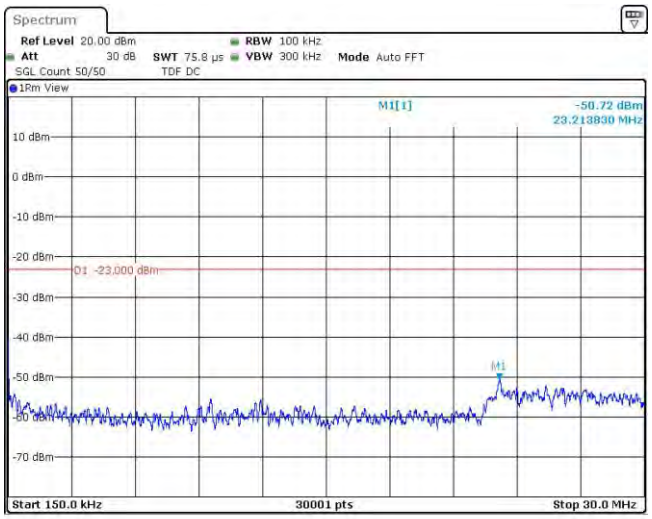

EGPRS850-251-8-3000~10000MHz



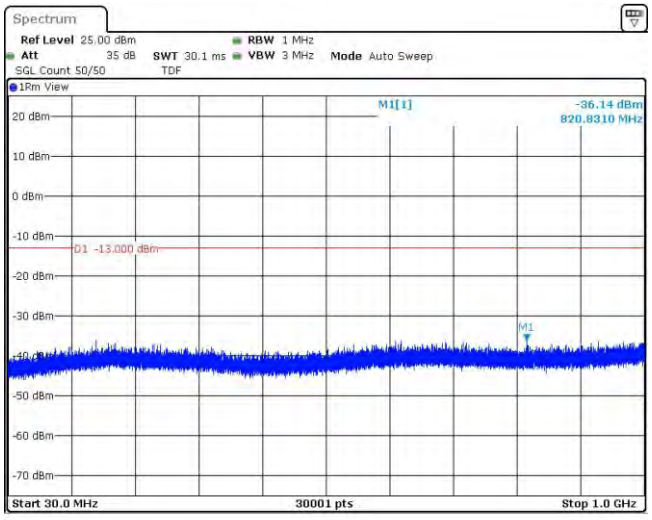

GSM1900-512-0-0.009~0.15MHz



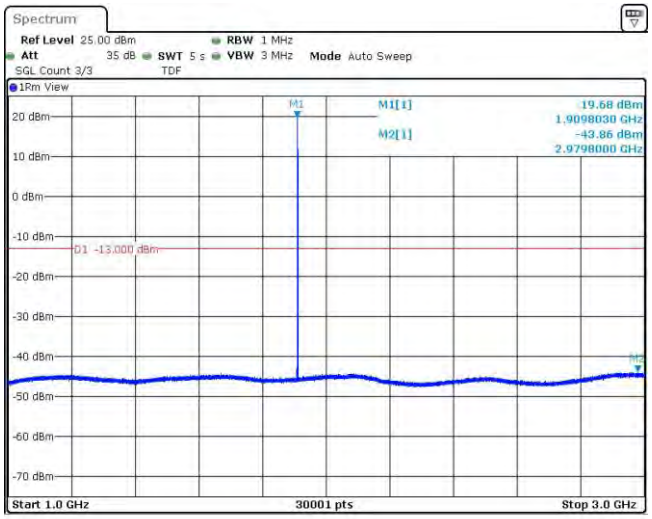

GSM1900-512-0-0.15~30MHz



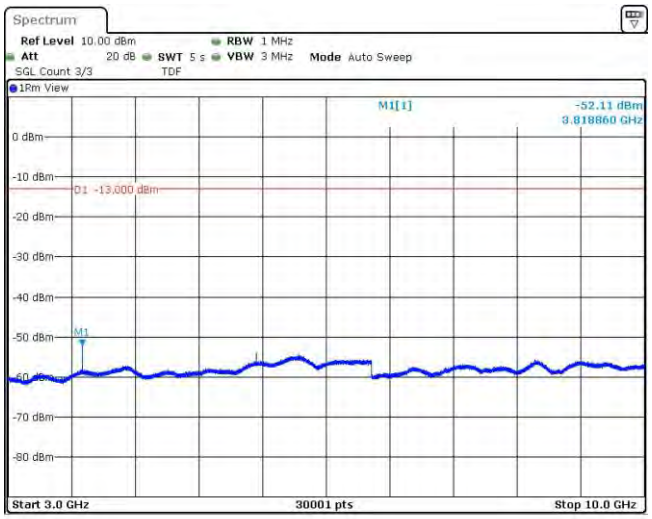

GSM1900-512-0-30~1000MHz



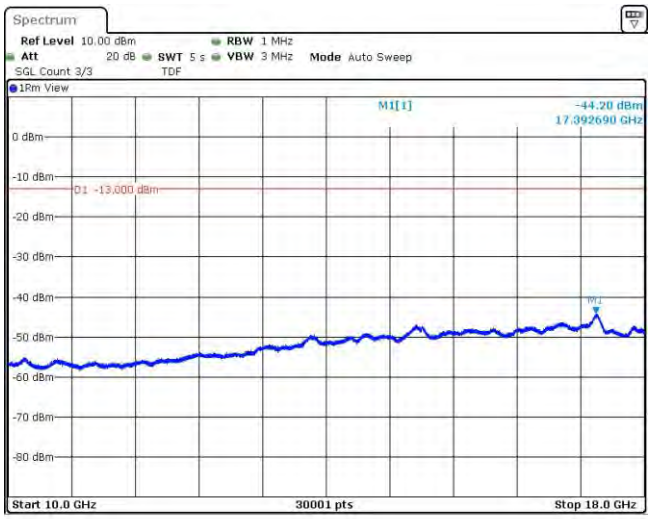

GSM1900-512-0-1000~3000MHz



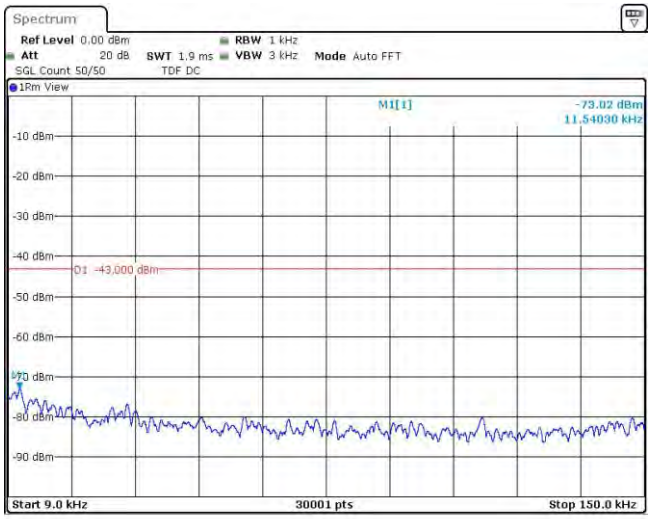

GSM1900-512-0-3000~10000MHz



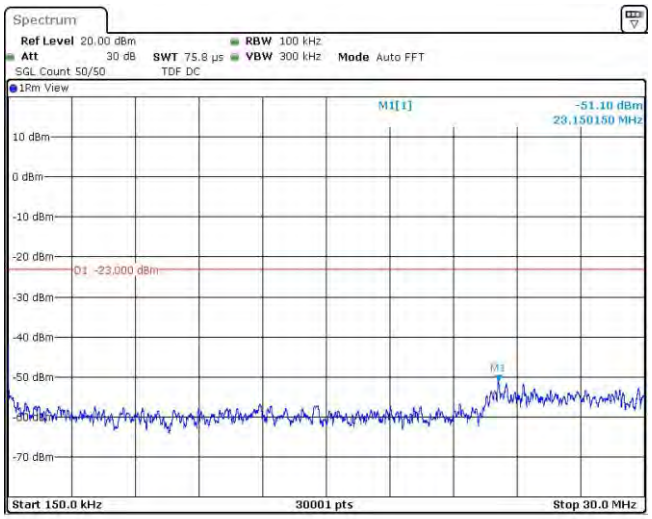

GSM1900-512-0-10000~18000MHz



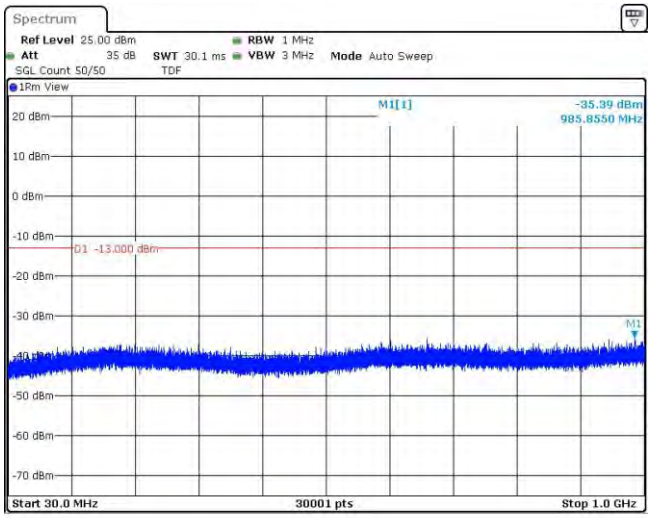

GSM1900-661-0-0.009~0.15MHz



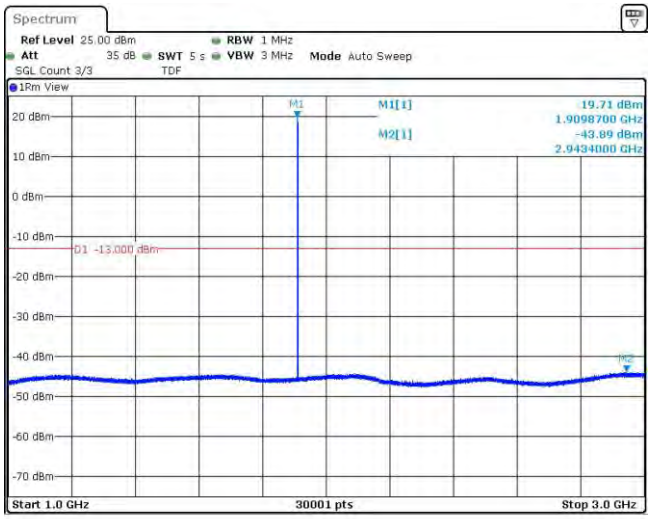

GSM1900-661-0-0.15~30MHz



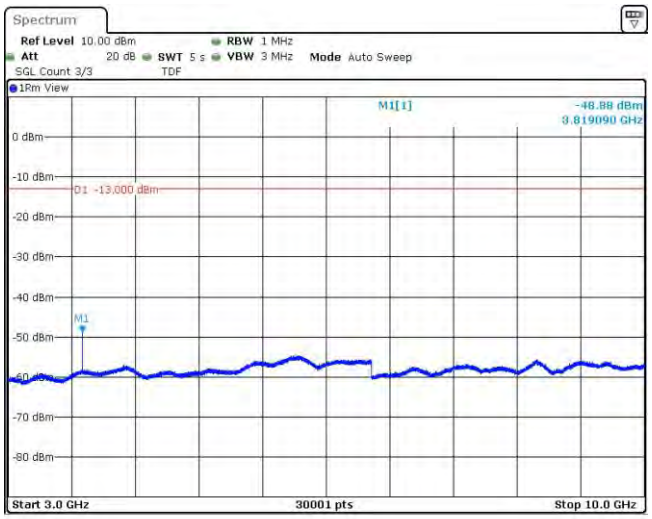

GSM1900-661-0-30~1000MHz



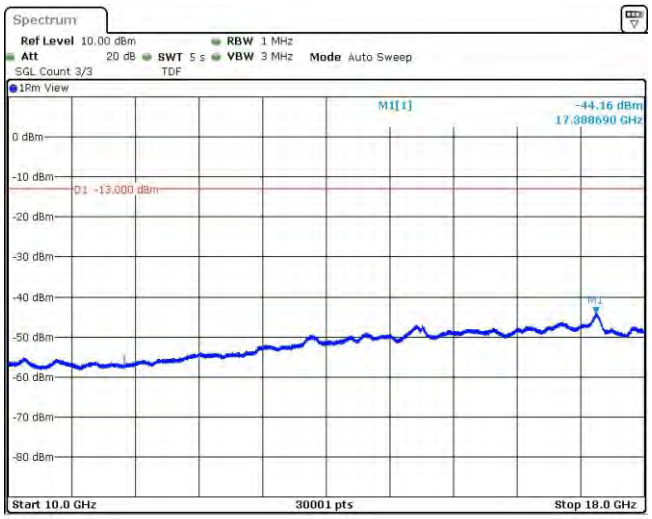

GSM1900-661-0-1000~3000MHz



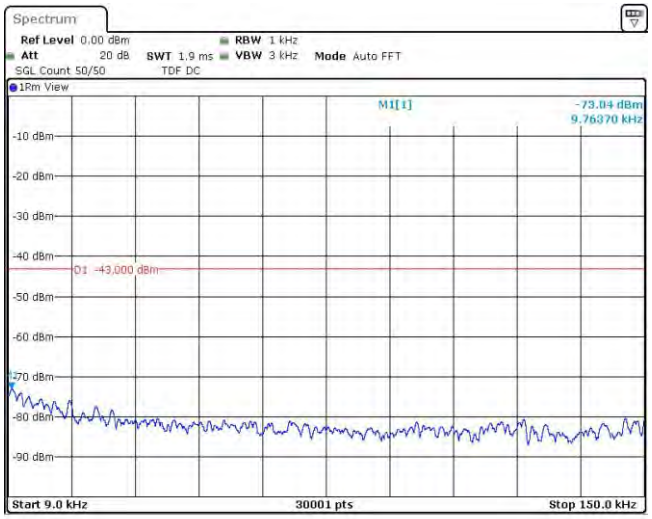

GSM1900-661-0-3000~10000MHz



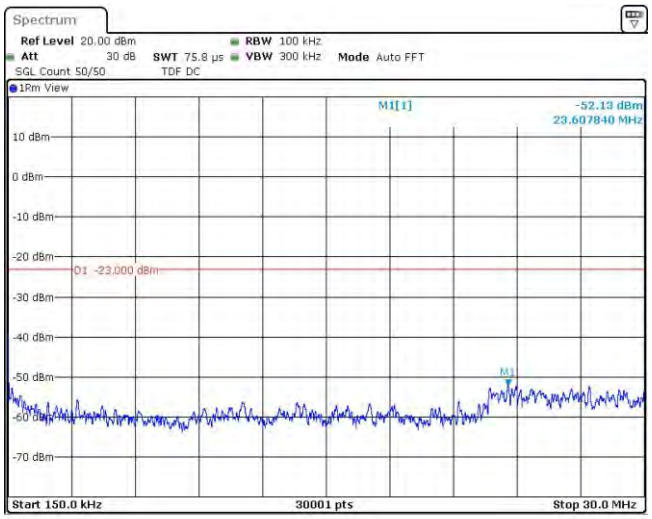

GSM1900-661-0-10000~18000MHz



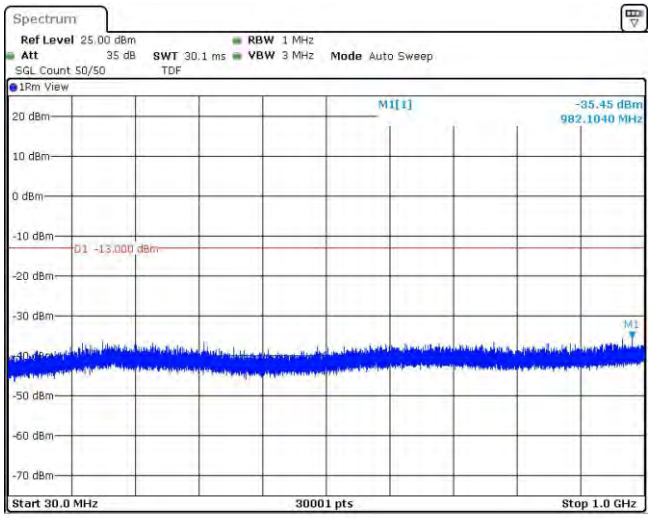

GSM1900-810-0-0.009~0.15MHz



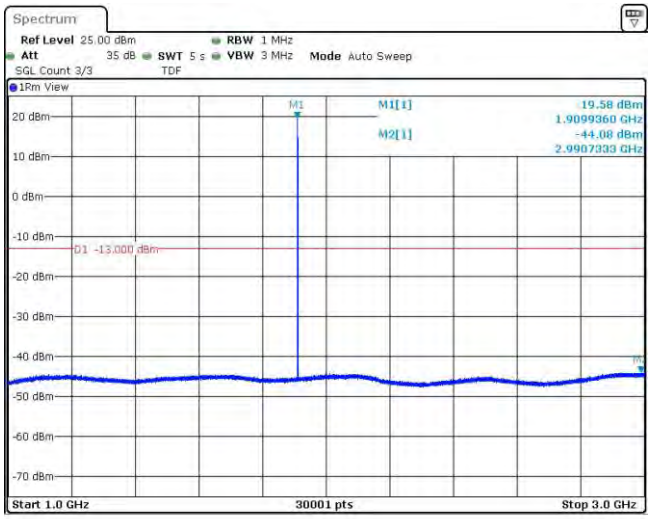

GSM1900-810-0-0.15~30MHz



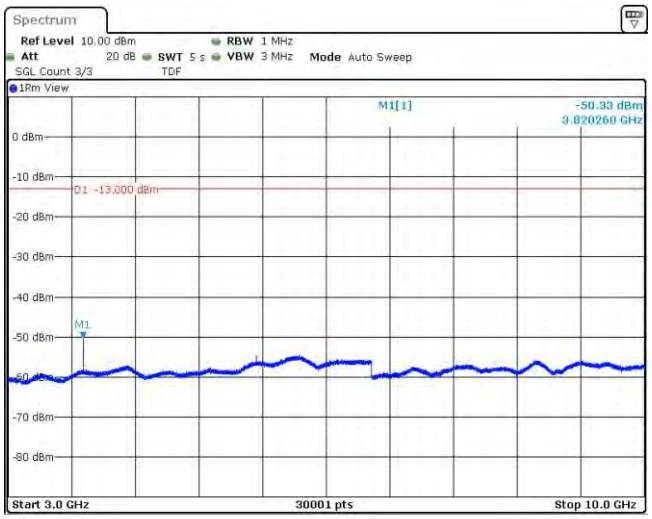

GSM1900-810-0-30~1000MHz



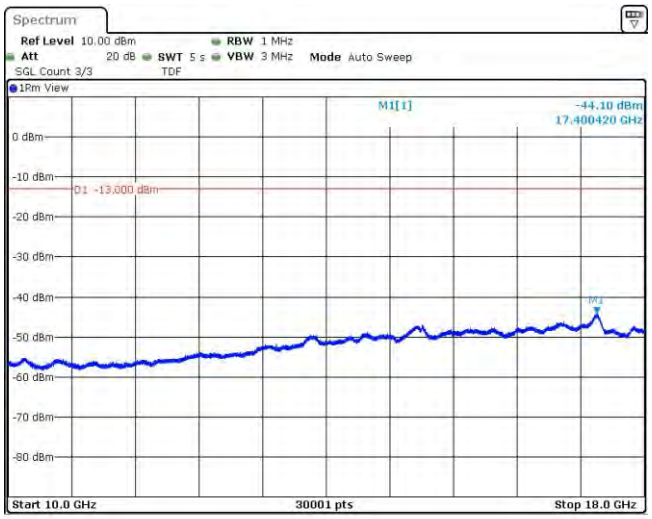

GSM1900-810-0-1000~3000MHz



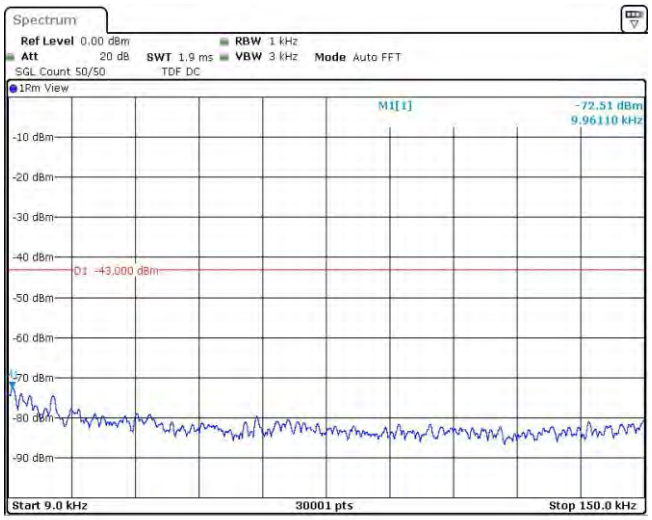

GSM1900-810-0-3000~10000MHz



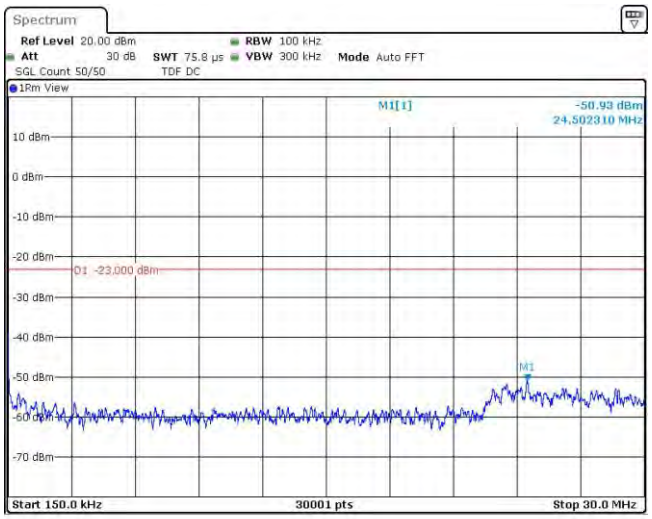

GSM1900-810-0-10000~18000MHz



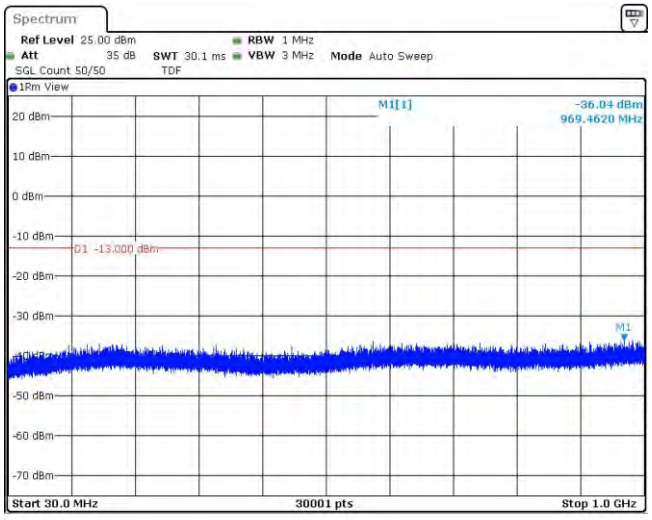

GPRS1900-512-0-0.009~0.15MHz



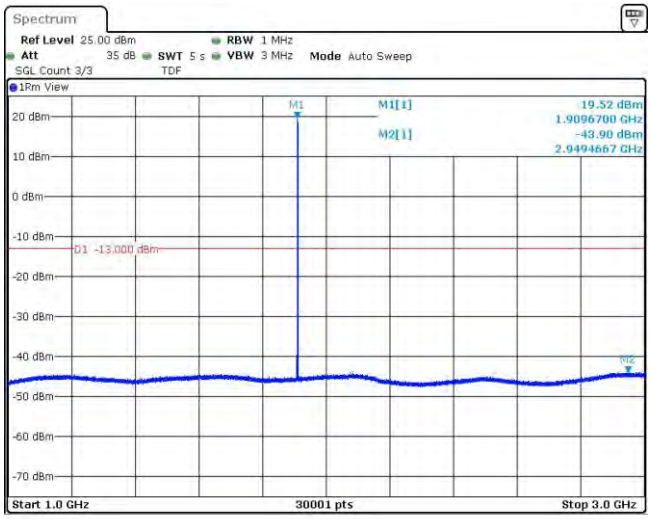

GPRS1900-512-0-0.15~30MHz



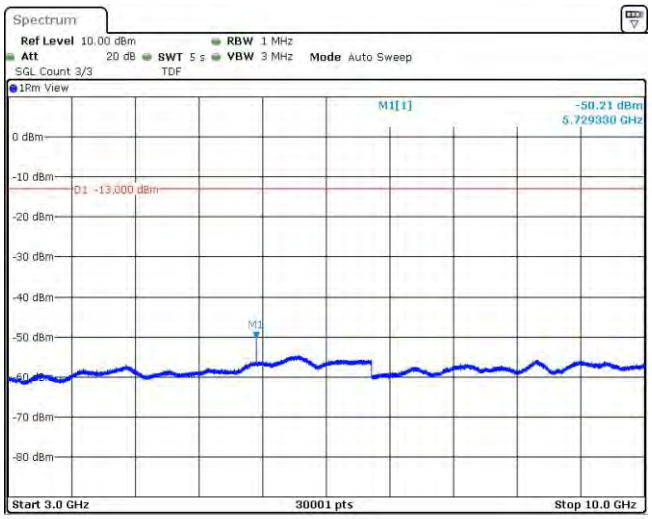

GPRS1900-512-0-30~1000MHz



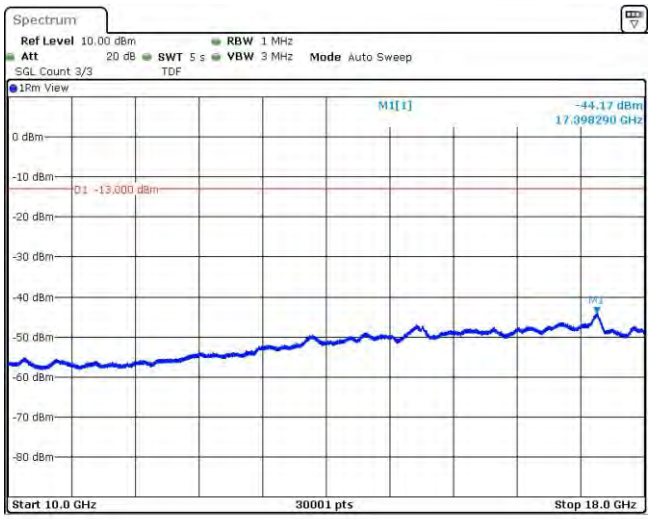

GPRS1900-512-0-1000~3000MHz



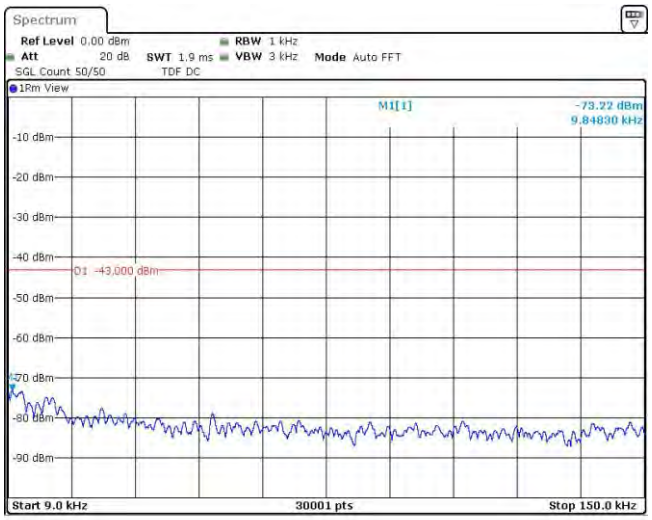

GPRS1900-512-0-3000~10000MHz



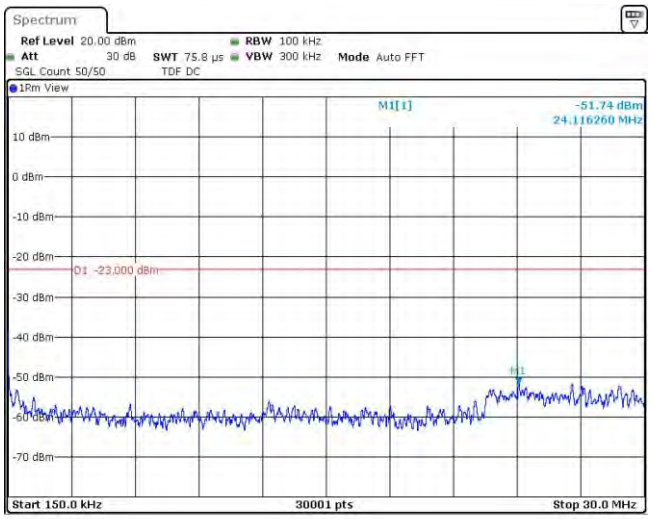

GPRS1900-512-0-10000~18000MHz



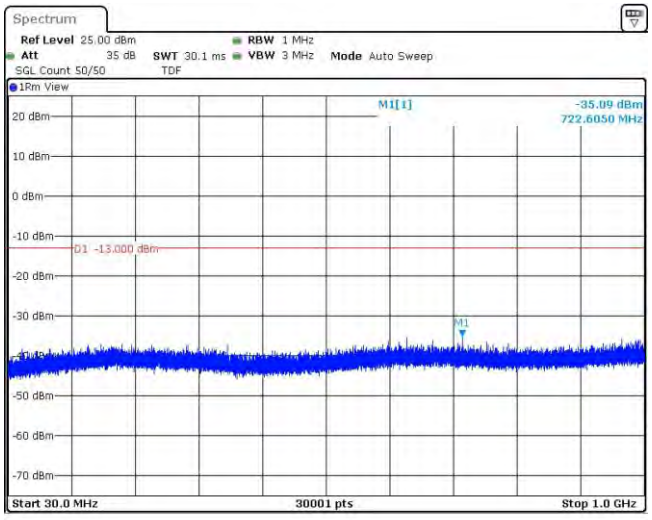

GPRS1900-661-0-0.009~0.15MHz



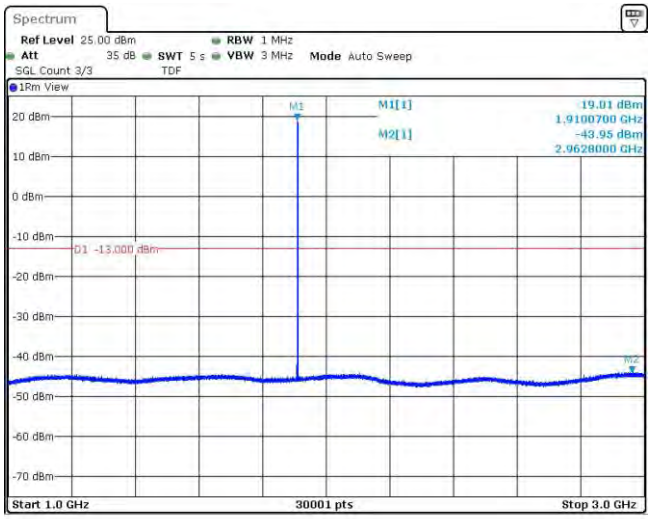

GPRS1900-661-0-0.15~30MHz



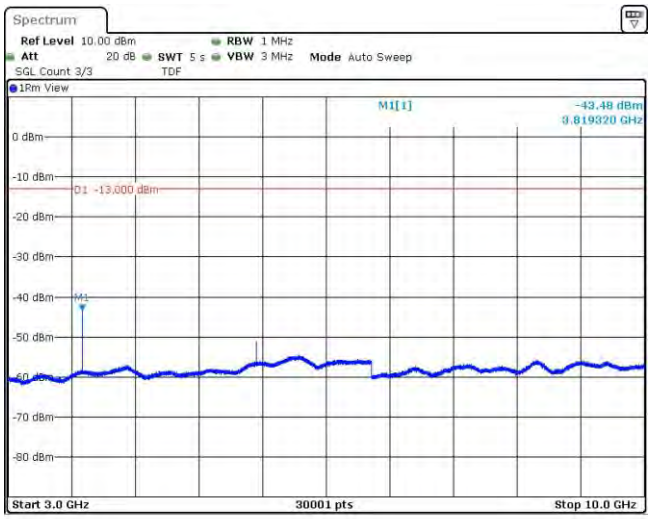

GPRS1900-661-0-30~1000MHz



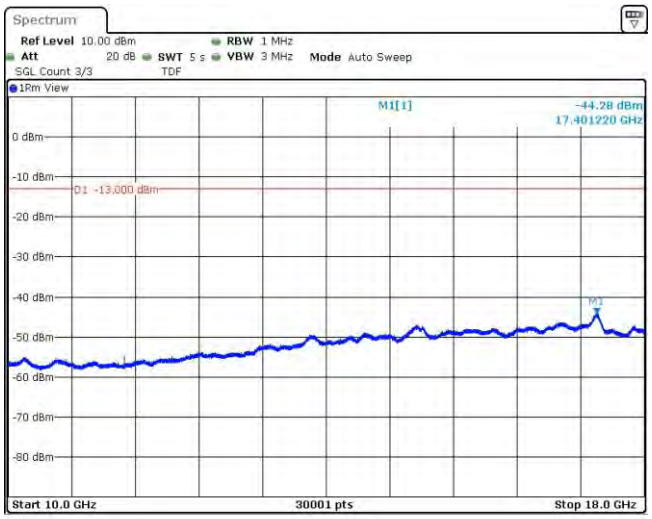

GPRS1900-661-0-1000~3000MHz



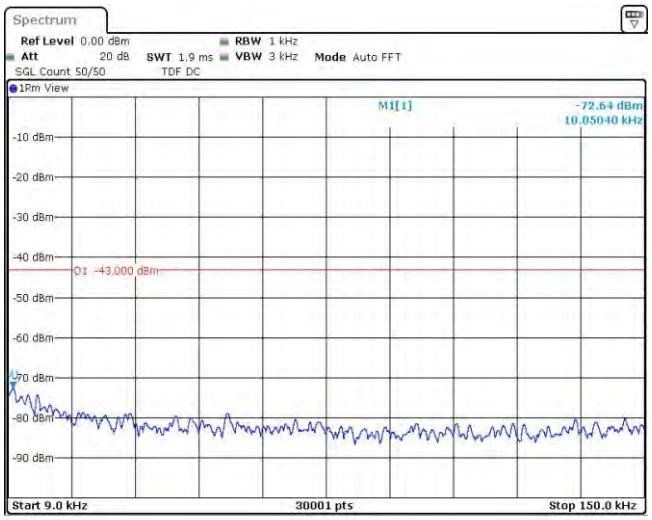

GPRS1900-661-0-3000~10000MHz



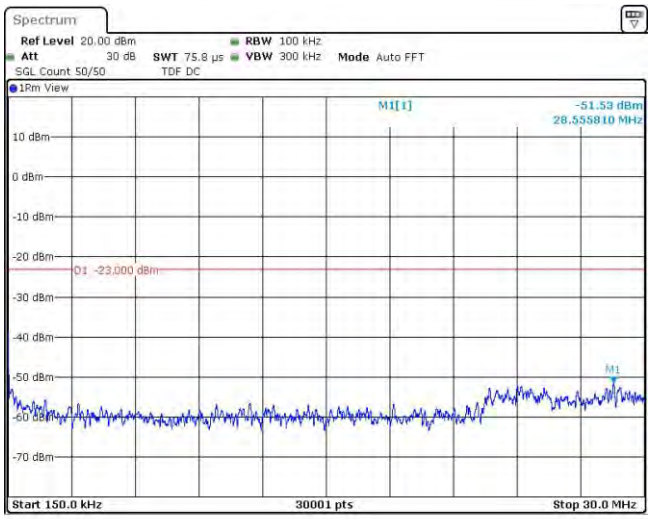

GPRS1900-661-0-10000~18000MHz



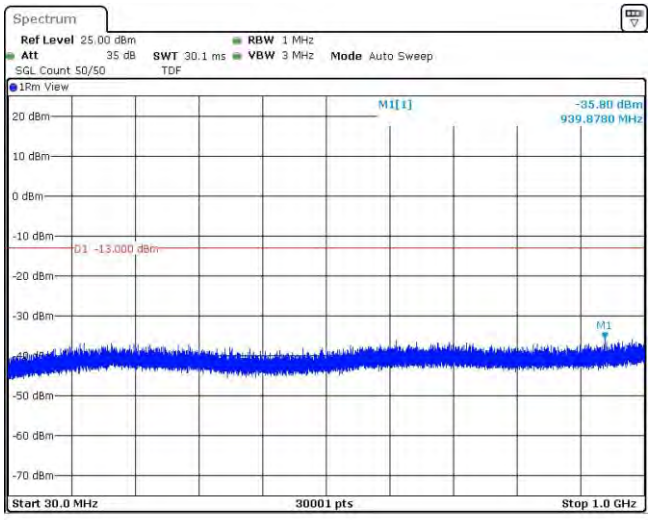

GPRS1900-810-0-0.009~0.15MHz



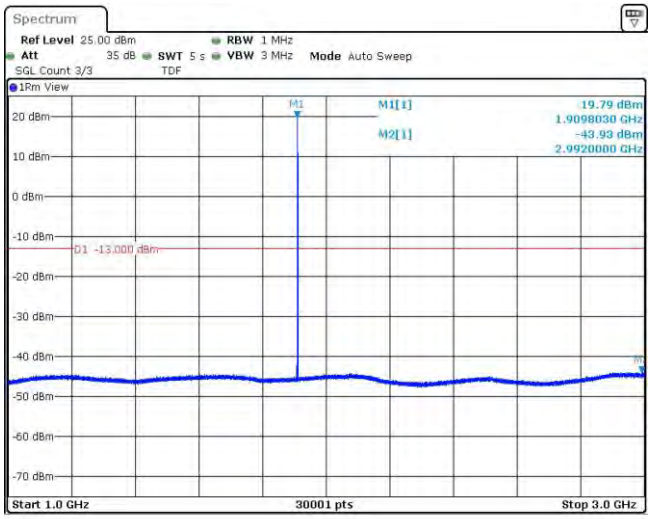

GPRS1900-810-0-0.15~30MHz



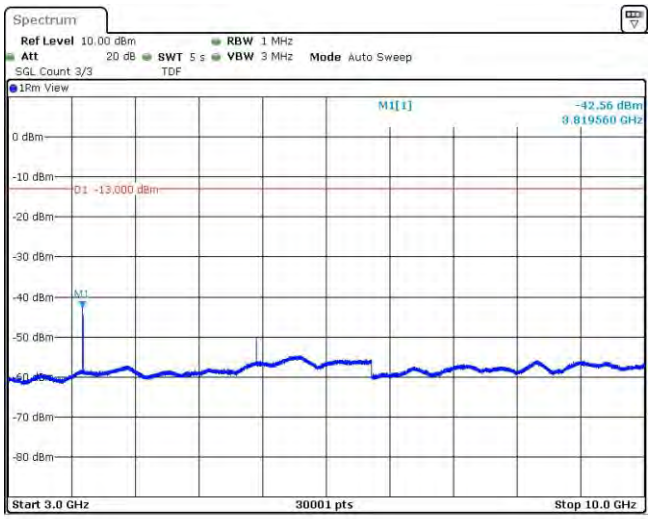

GPRS1900-810-0-30~1000MHz



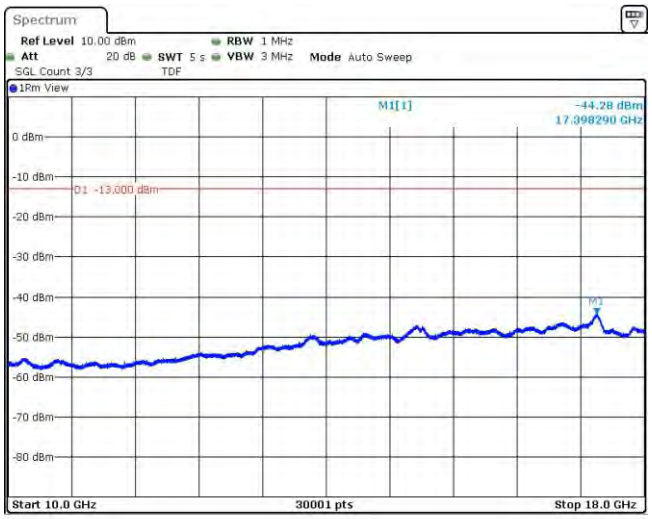

GPRS1900-810-0-1000~3000MHz



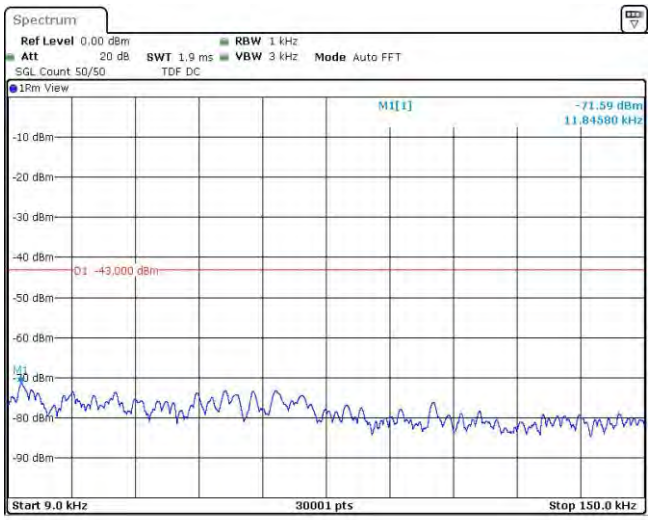

GPRS1900-810-0-3000~10000MHz



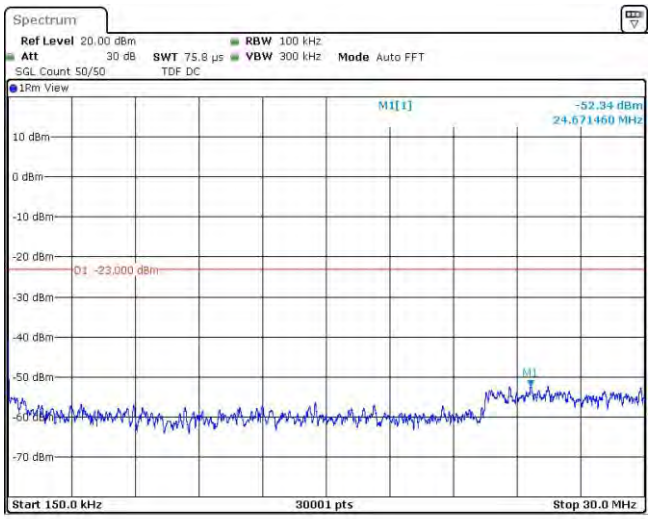

GPRS1900-810-0-10000~18000MHz



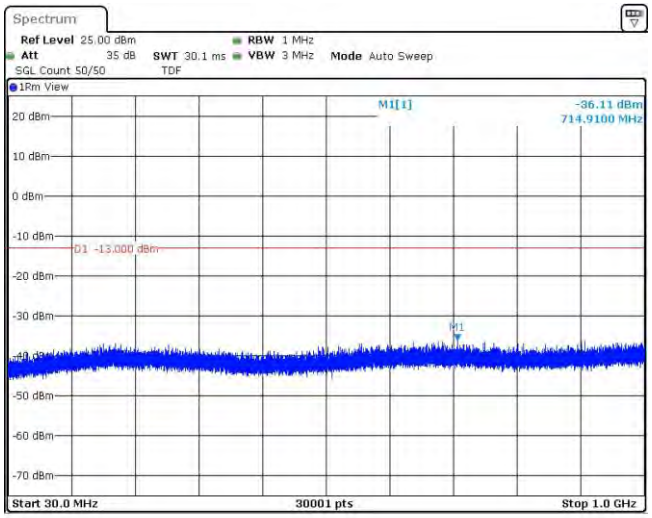

EGPRS1900-512-2-0.009~0.15MHz



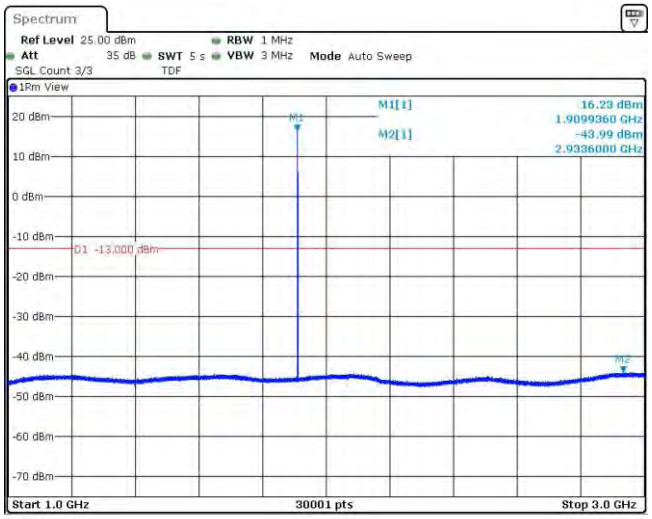

EGPRS1900-512-2-0.15~30MHz



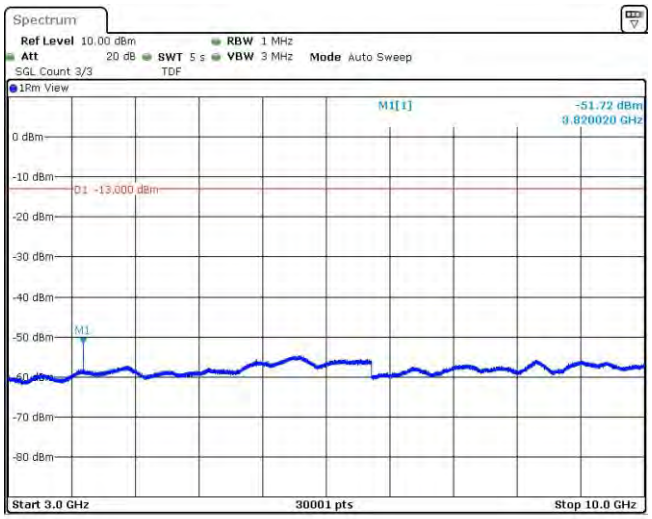

EGPRS1900-512-2-30~1000MHz



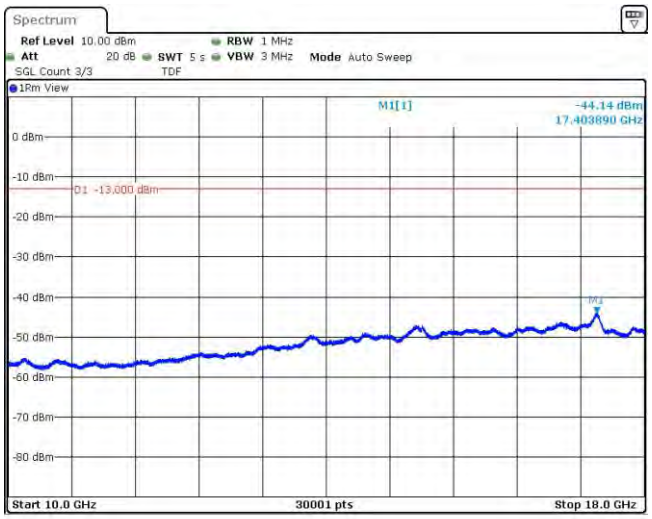

EGPRS1900-512-2-1000~3000MHz



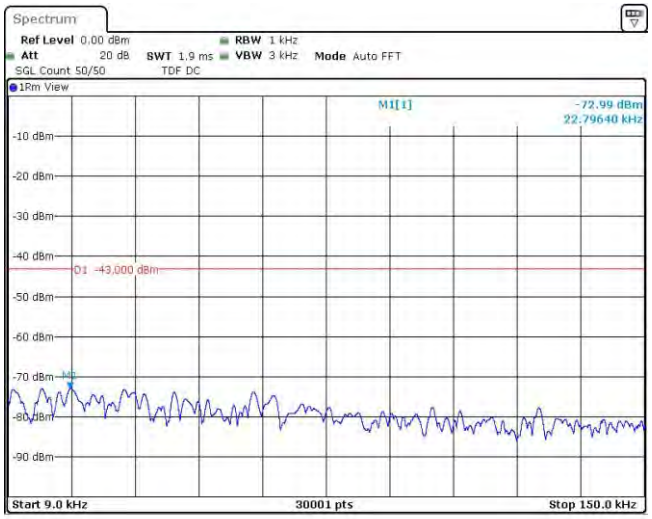

EGPRS1900-512-2-3000~10000MHz



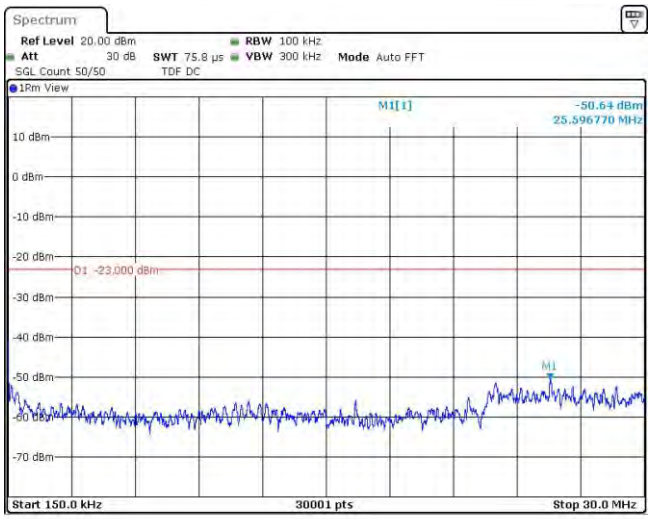

EGPRS1900-512-2-10000~18000MHz



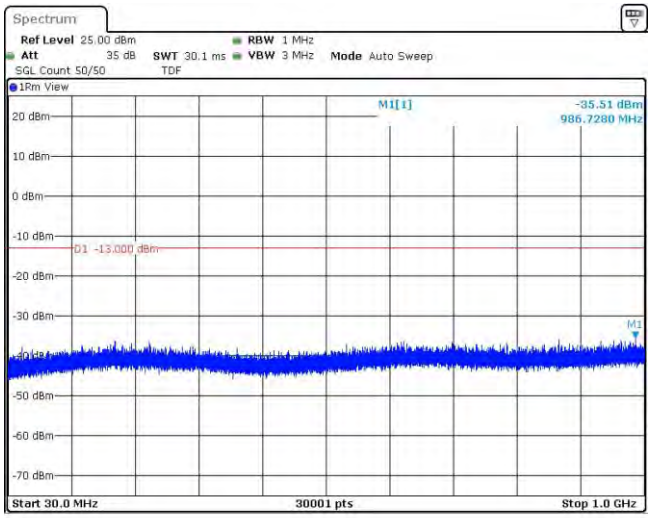

EGPRS1900-661-2-0.009~0.15MHz



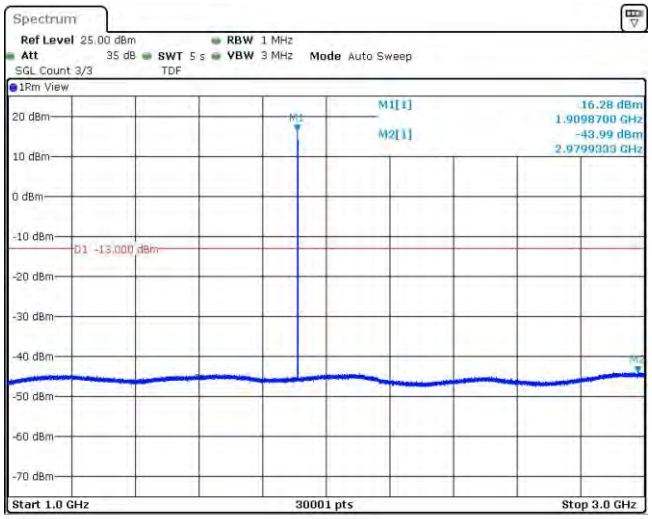

EGPRS1900-661-2-0.15~30MHz



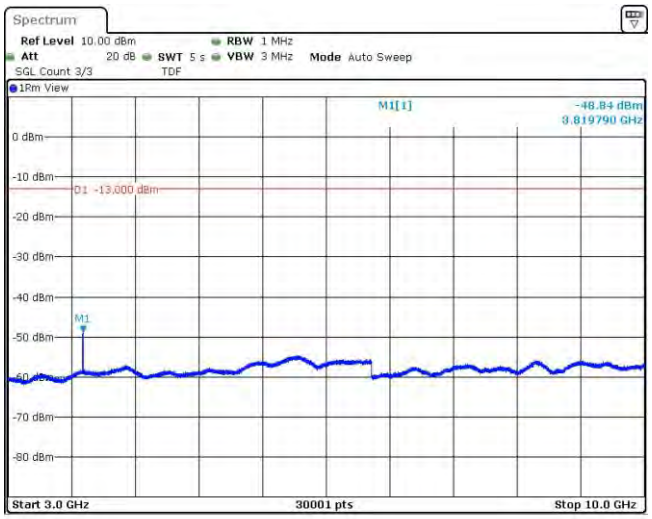

EGPRS1900-661-2-30~1000MHz



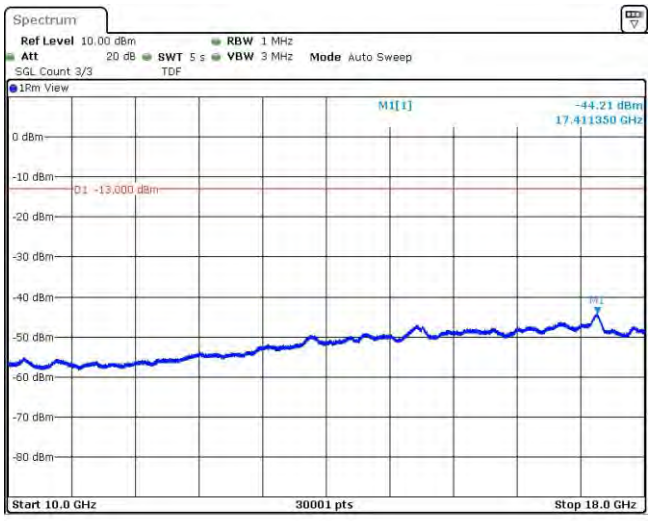

EGPRS1900-661-2-1000~3000MHz



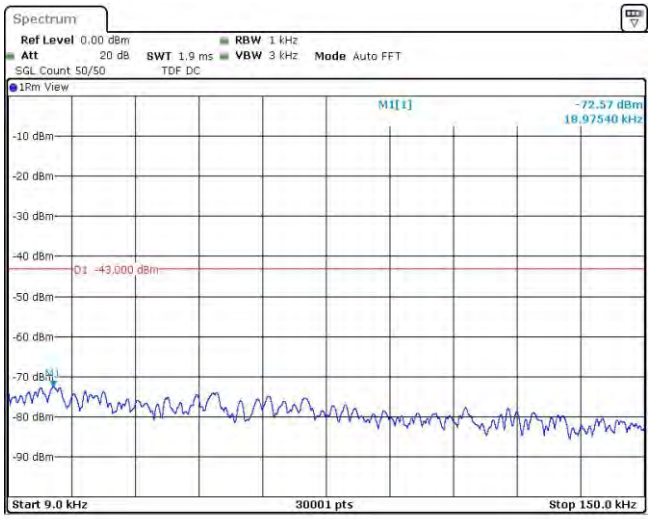

EGPRS1900-661-2-3000~10000MHz



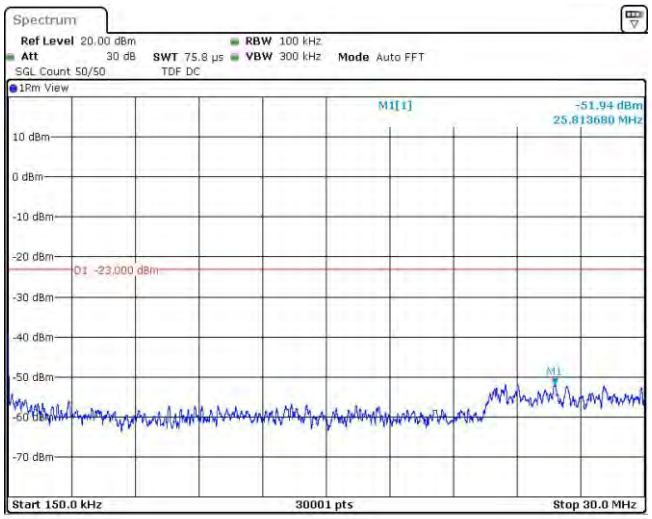

EGPRS1900-661-2-10000~18000MHz



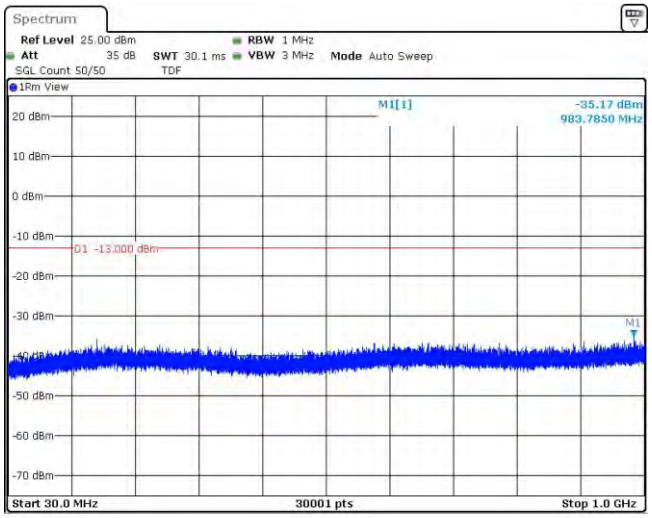

EGPRS1900-810-2-0.009~0.15MHz



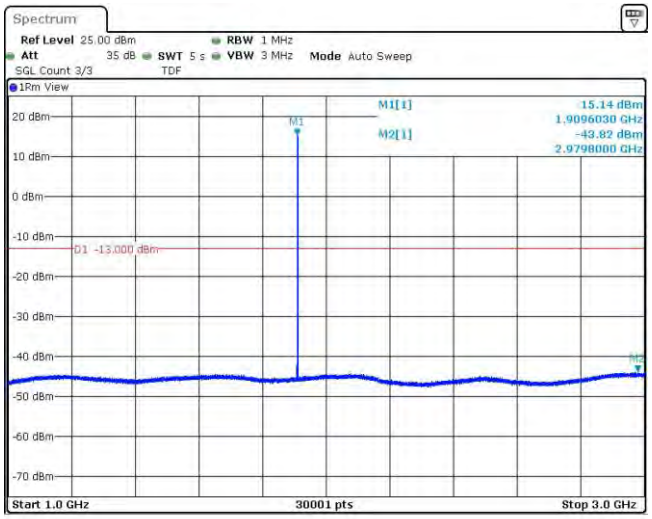

EGPRS1900-810-2-0.15~30MHz



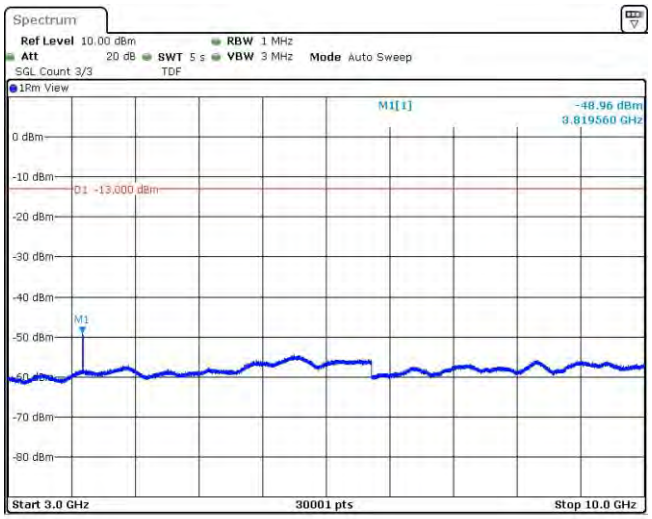

EGPRS1900-810-2-30~1000MHz



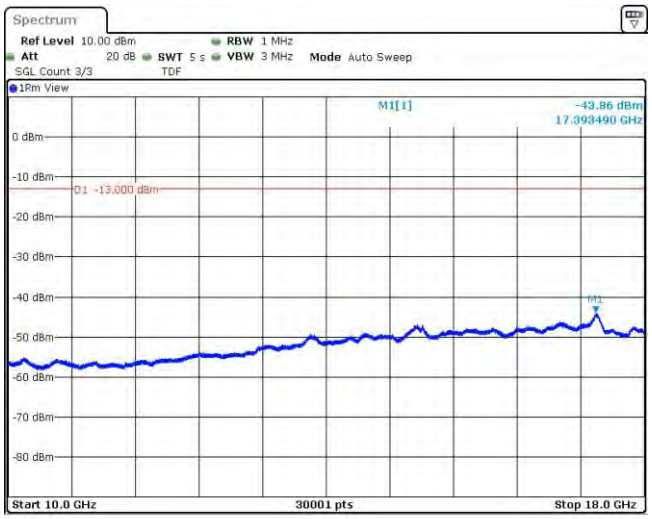

EGPRS1900-810-2-1000~3000MHz




EGPRS1900-810-2-3000~10000MHz




EGPRS1900-810-2-10000~18000MHz



# Appendix G: Frequency Stability

## Test Result

| Voltage | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band | Channel | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850 | 128 | VL | NT | 7.04 | 0.008542 | ±2.5 | PASS |
| GSM850 | 128 | VN | NT | 8.14 | 0.009876 | ±2.5 | PASS |
| GSM850 | 128 | VH | NT | 11.07 | 0.013431 | ±2.5 | PASS |
| GSM850 | 190 | VL | NT | 9.40 | 0.011236 | ±2.5 | PASS |
| GSM850 | 190 | VN | NT | 8.39 | 0.010029 | ±2.5 | PASS |
| GSM850 | 190 | VH | NT | 8.75 | 0.010459 | ±2.5 | PASS |
| GSM850 | 251 | VL | NT | 0.52 | 0.000613 | ±2.5 | PASS |
| GSM850 | 251 | VN | NT | -1.97 | -0.002321 | ±2.5 | PASS |
| GSM850 | 251 | VH | NT | 1.68 | 0.001979 | ±2.5 | PASS |
| GPRS850 | 128 | VL | NT | 14.40 | 0.017471 | ±2.5 | PASS |
| GPRS850 | 128 | VN | NT | 12.53 | 0.015203 | ±2.5 | PASS |
| GPRS850 | 128 | VH | NT | 9.75 | 0.011830 | ±2.5 | PASS |
| GPRS850 | 190 | VL | NT | 14.85 | 0.017750 | ±2.5 | PASS |
| GPRS850 | 190 | VN | NT | 12.85 | 0.015360 | ±2.5 | PASS |
| GPRS850 | 190 | VH | NT | 12.66 | 0.015133 | ±2.5 | PASS |
| GPRS850 | 251 | VL | NT | 14.59 | 0.017189 | ±2.5 | PASS |
| GPRS850 | 251 | VN | NT | 16.89 | 0.019899 | ±2.5 | PASS |
| GPRS850 | 251 | VH | NT | 16.24 | 0.019133 | ±2.5 | PASS |
| EGPRS850 | 128 | VL | NT | 10.40 | 0.012618 | ±2.5 | PASS |
| EGPRS850 | 128 | VN | NT | 7.65 | 0.009282 | ±2.5 | PASS |
| EGPRS850 | 128 | VH | NT | 10.07 | 0.012218 | ±2.5 | PASS |
| EGPRS850 | 190 | VL | NT | 11.88 | 0.014200 | ±2.5 | PASS |
| EGPRS850 | 190 | VN | NT | 17.27 | 0.020643 | ±2.5 | PASS |
| EGPRS850 | 190 | VH | NT | 11.75 | 0.014045 | ±2.5 | PASS |
| EGPRS850 | 251 | VL | NT | 12.91 | 0.015210 | ±2.5 | PASS |
| EGPRS850 | 251 | VN | NT | 15.88 | 0.018709 | ±2.5 | PASS |
| EGPRS85 | 251 | VH | NT | 14.50 | 0.017083 | ±2.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0 | | | | | | | |
| GSM1900 | 512 | VL | NT | 0.03 | 0.000016 | ±2.5 | PASS |
| GSM1900 | 512 | VN | NT | -1.84 | -0.000994 | ±2.5 | PASS |
| GSM1900 | 512 | VH | NT | 0.42 | 0.000227 | ±2.5 | PASS |
| GSM1900 | 661 | VL | NT | 7.91 | 0.004207 | ±2.5 | PASS |
| GSM1900 | 661 | VN | NT | 11.62 | 0.006181 | ±2.5 | PASS |
| GSM1900 | 661 | VH | NT | 4.26 | 0.002266 | ±2.5 | PASS |
| GSM1900 | 810 | VL | NT | 1.90 | 0.000995 | ±2.5 | PASS |
| GSM1900 | 810 | VN | NT | -2.65 | -0.001388 | ±2.5 | PASS |
| GSM1900 | 810 | VH | NT | 2.74 | 0.001435 | ±2.5 | PASS |
| GPRS1900 | 512 | VL | NT | 9.40 | 0.005081 | ±2.5 | PASS |
| GPRS1900 | 512 | VN | NT | 7.78 | 0.004205 | ±2.5 | PASS |
| GPRS1900 | 512 | VH | NT | 12.69 | 0.006859 | ±2.5 | PASS |
| GPRS1900 | 661 | VL | NT | -1.94 | -0.001032 | ±2.5 | PASS |
| GPRS1900 | 661 | VN | NT | 6.07 | 0.003229 | ±2.5 | PASS |
| GPRS1900 | 661 | VH | NT | 0.06 | 0.000032 | ±2.5 | PASS |
| GPRS1900 | 810 | VL | NT | 8.59 | 0.004498 | ±2.5 | PASS |
| GPRS1900 | 810 | VN | NT | 7.55 | 0.003953 | ±2.5 | PASS |
| GPRS1900 | 810 | VH | NT | 15.72 | 0.008231 | ±2.5 | PASS |
| EGPRS1900 | 512 | VL | NT | 9.59 | 0.005183 | ±2.5 | PASS |
| EGPRS1900 | 512 | VN | NT | 0.90 | 0.000486 | ±2.5 | PASS |
| EGPRS1900 | 512 | VH | NT | 12.88 | 0.006961 | ±2.5 | PASS |
| EGPRS1900 | 661 | VL | NT | 7.04 | 0.003745 | ±2.5 | PASS |
| EGPRS1900 | 661 | VN | NT | 5.97 | 0.003176 | ±2.5 | PASS |
| EGPRS1900 | 661 | VH | NT | 0.10 | 0.000053 | ±2.5 | PASS |
| EGPRS1900 | 810 | VL | NT | 2.32 | 0.001215 | ±2.5 | PASS |
| EGPRS1900 | 810 | VN | NT | 5.04 | 0.002639 | ±2.5 | PASS |
| EGPRS1900 | 810 | VH | NT | 8.81 | 0.004613 | ±2.5 | PASS |

| Temperature | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band | Channel | Voltage [Vdc] | Temperature (℃) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850 | 128 | NV | -20 | 12.85 | 0.015591 | ±2.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GSM850 | 128 | NV | -10 | 9.20 | 0.011162 | ±2.5 | PASS |
| GSM850 | 128 | NV | 0 | 2.52 | 0.003058 | ±2.5 | PASS |
| GSM850 | 128 | NV | 10 | 8.68 | 0.010531 | ±2.5 | PASS |
| GSM850 | 128 | NV | 20 | 7.49 | 0.009088 | ±2.5 | PASS |
| GSM850 | 128 | NV | 30 | 8.85 | 0.010738 | ±2.5 | PASS |
| GSM850 | 128 | NV | 40 | 10.43 | 0.012655 | ±2.5 | PASS |
| GSM850 | 128 | NV | 50 | 11.62 | 0.014099 | ±2.5 | PASS |
| GSM850 | 128 | NV | 60 | 7.46 | 0.009051 | ±2.5 | PASS |
| GSM850 | 190 | NV | -20 | 7.49 | 0.008953 | ±2.5 | PASS |
| GSM850 | 190 | NV | -10 | 10.20 | 0.012192 | ±2.5 | PASS |
| GSM850 | 190 | NV | 0 | 8.52 | 0.010184 | ±2.5 | PASS |
| GSM850 | 190 | NV | 10 | 4.10 | 0.004901 | ±2.5 | PASS |
| GSM850 | 190 | NV | 20 | 6.26 | 0.007483 | ±2.5 | PASS |
| GSM850 | 190 | NV | 30 | 8.52 | 0.010184 | ±2.5 | PASS |
| GSM850 | 190 | NV | 40 | 3.58 | 0.004279 | ±2.5 | PASS |
| GSM850 | 190 | NV | 50 | 4.49 | 0.005367 | ±2.5 | PASS |
| GSM850 | 190 | NV | 60 | 10.72 | 0.012814 | ±2.5 | PASS |
| GSM850 | 251 | NV | -20 | 5.26 | 0.006197 | ±2.5 | PASS |
| GSM850 | 251 | NV | -10 | 2.20 | 0.002592 | ±2.5 | PASS |
| GSM850 | 251 | NV | 0 | -1.55 | -0.001826 | ±2.5 | PASS |
| GSM850 | 251 | NV | 10 | 12.69 | 0.014951 | ±2.5 | PASS |
| GSM850 | 251 | NV | 20 | 8.75 | 0.010309 | ±2.5 | PASS |
| GSM850 | 251 | NV | 30 | 1.81 | 0.002132 | ±2.5 | PASS |
| GSM850 | 251 | NV | 40 | 2.20 | 0.002592 | ±2.5 | PASS |
| GSM850 | 251 | NV | 50 | 4.07 | 0.004795 | ±2.5 | PASS |
| GSM850 | 251 | NV | 60 | 0.45 | 0.000530 | ±2.5 | PASS |
| GPRS850 | 128 | NV | -20 | 8.88 | 0.010774 | ±2.5 | PASS |
| GPRS850 | 128 | NV | -10 | 11.14 | 0.013516 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 0 | 10.33 | 0.012533 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 10 | 8.98 | 0.010895 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 20 | 9.36 | 0.011356 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 30 | 10.43 | 0.012655 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 40 | 9.30 | 0.011284 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 50 | 6.13 | 0.007438 | ±2.5 | PASS |
| GPRS850 | 128 | NV | 60 | 6.30 | 0.007644 | ±2.5 | PASS |
| GPRS850 | 190 | NV | -20 | 12.27 | 0.014667 | ±2.5 | PASS |
| GPRS850 | 190 | NV | -10 | 12.62 | 0.015085 | ±2.5 | PASS |
| GPRS850 | 190 | NV | 0 | 15.76 | 0.018838 | ±2.5 | PASS |
| GPRS850 | 190 | NV | 10 | 11.53 | 0.013782 | ±2.5 | PASS |
| GPRS850 | 190 | NV | 20 | 18.76 | 0.022424 | ±2.5 | PASS |
| GPRS850 | 190 | NV | 30 | 16.18 | 0.019340 | ±2.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GPRS850 | 190 | NV | 40 | 15.66 | 0.018719 | ±2.5 | PASS |
| GPRS850 | 190 | NV | 50 | 13.27 | 0.015862 | ±2.5 | PASS |
| GPRS850 | 190 | NV | 60 | 13.72 | 0.016400 | ±2.5 | PASS |
| GPRS850 | 251 | NV | -20 | 17.14 | 0.020193 | ±2.5 | PASS |
| GPRS850 | 251 | NV | -10 | 15.24 | 0.017955 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 0 | 17.89 | 0.021077 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 10 | 13.56 | 0.015975 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 20 | 12.17 | 0.014338 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 30 | 15.40 | 0.018143 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 40 | 15.85 | 0.018673 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 50 | 9.56 | 0.011263 | ±2.5 | PASS |
| GPRS850 | 251 | NV | 60 | 15.46 | 0.018214 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -20 | 10.46 | 0.012691 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -10 | 8.94 | 0.010847 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 0 | 11.30 | 0.013710 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 10 | 13.66 | 0.016574 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 20 | 10.30 | 0.012497 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 30 | 15.59 | 0.018915 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 40 | 10.69 | 0.012970 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 50 | 11.01 | 0.013358 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 60 | 11.85 | 0.014378 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -20 | 13.53 | 0.016173 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -10 | 14.11 | 0.016866 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 0 | 15.76 | 0.018838 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 10 | 15.08 | 0.018025 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 20 | 15.79 | 0.018874 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 30 | 12.91 | 0.015432 | ±2.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| EGPRS850 | 190 | NV | 40 | 16.72 | 0.019986 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 50 | 13.46 | 0.016089 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 60 | 16.85 | 0.020141 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -20 | 17.21 | 0.020276 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -10 | 15.79 | 0.018603 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 0 | 13.66 | 0.016093 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 10 | 11.82 | 0.013926 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 20 | 12.66 | 0.014915 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 30 | 13.82 | 0.016282 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 40 | 14.27 | 0.016812 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 50 | 13.46 | 0.015858 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 60 | 12.98 | 0.015292 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -20 | 1.58 | 0.000854 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -10 | 6.94 | 0.003751 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 0 | 7.94 | 0.004291 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 10 | 4.71 | 0.002546 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 20 | 7.10 | 0.003837 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 30 | 7.23 | 0.003908 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 40 | -0.26 | -0.000141 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 50 | 6.65 | 0.003594 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 60 | 5.10 | 0.002756 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -20 | 6.26 | 0.003330 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -10 | 8.78 | 0.004670 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 0 | 1.71 | 0.000910 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 10 | 3.45 | 0.001835 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 20 | 1.03 | 0.000548 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 30 | 1.55 | 0.000824 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 40 | 9.07 | 0.004824 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 50 | 6.13 | 0.003261 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 60 | -1.29 | -0.000686 | ±2.5 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GSM1900 | 810 | NV | -20 | -1.36 | -0.000712 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -10 | 1.61 | 0.000843 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 0 | 2.36 | 0.001236 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 10 | 4.39 | 0.002299 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 20 | 10.62 | 0.005561 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 30 | 10.53 | 0.005514 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 40 | 13.33 | 0.006980 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 50 | 8.62 | 0.004514 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 60 | 18.37 | 0.009619 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | -20 | 10.33 | 0.005583 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | -10 | 16.79 | 0.009075 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 0 | 22.15 | 0.011972 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 10 | 14.85 | 0.008026 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 20 | -6.07 | -0.003281 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 30 | 0.68 | 0.000368 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 40 | -7.23 | -0.003908 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 50 | 0.13 | 0.000070 | ±2.5 | PASS |
| GPRS1900 | 512 | NV | 60 | 7.68 | 0.004151 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | -20 | -1.00 | -0.000532 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | -10 | 4.71 | 0.002505 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 0 | 3.81 | 0.002027 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 10 | 4.81 | 0.002559 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 20 | 9.98 | 0.005309 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 30 | 11.88 | 0.006319 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 40 | 9.62 | 0.005117 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 50 | 10.72 | 0.005702 | ±2.5 | PASS |
| GPRS1900 | 661 | NV | 60 | 9.85 | 0.005239 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | -20 | 19.11 | 0.010006 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | -10 | 9.72 | 0.005090 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 0 | 18.34 | 0.009603 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 10 | 8.56 | 0.004482 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 20 | 12.30 | 0.006440 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 30 | 12.30 | 0.006440 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 40 | 12.56 | 0.006577 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 50 | 7.94 | 0.004158 | ±2.5 | PASS |
| GPRS1900 | 810 | NV | 60 | 16.30 | 0.008535 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -20 | 15.79 | 0.008534 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -10 | 4.55 | 0.002459 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 0 | 15.53 | 0.008394 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|
| EGPRS1900 | 512 | NV | 10 | 16.05 | 0.008675 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 20 | 21.70 | 0.011728 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 30 | 6.13 | 0.003313 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 40 | 9.01 | 0.004870 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 50 | 7.07 | 0.003821 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 60 | 7.46 | 0.004032 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -20 | 4.26 | 0.002266 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -10 | 11.14 | 0.005926 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 0 | 16.27 | 0.008654 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 10 | 11.85 | 0.006303 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 20 | 15.66 | 0.008330 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 30 | 12.53 | 0.006665 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 40 | 18.34 | 0.009755 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 50 | -2.03 | -0.001080 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 60 | -3.78 | -0.002011 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | -20 | 14.72 | 0.007708 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | -10 | 3.84 | 0.002011 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 0 | 9.20 | 0.004817 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 10 | 18.05 | 0.009451 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 20 | 3.03 | 0.001587 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 30 | 15.79 | 0.008268 | ±2.5 | PASS |
| EGPRS19 | 810 | NV | 40 | 18.21 | 0.009535 | ±2.5 | PASS |

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|---|---|---|---|---|---|---|---|
| 00 | | | | | | | |
| EGPRS1900 | 810 | NV | 50 | 9.94 | 0.005205 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 60 | 5.26 | 0.002754 | ±2.5 | PASS |

**********End of Report**********