

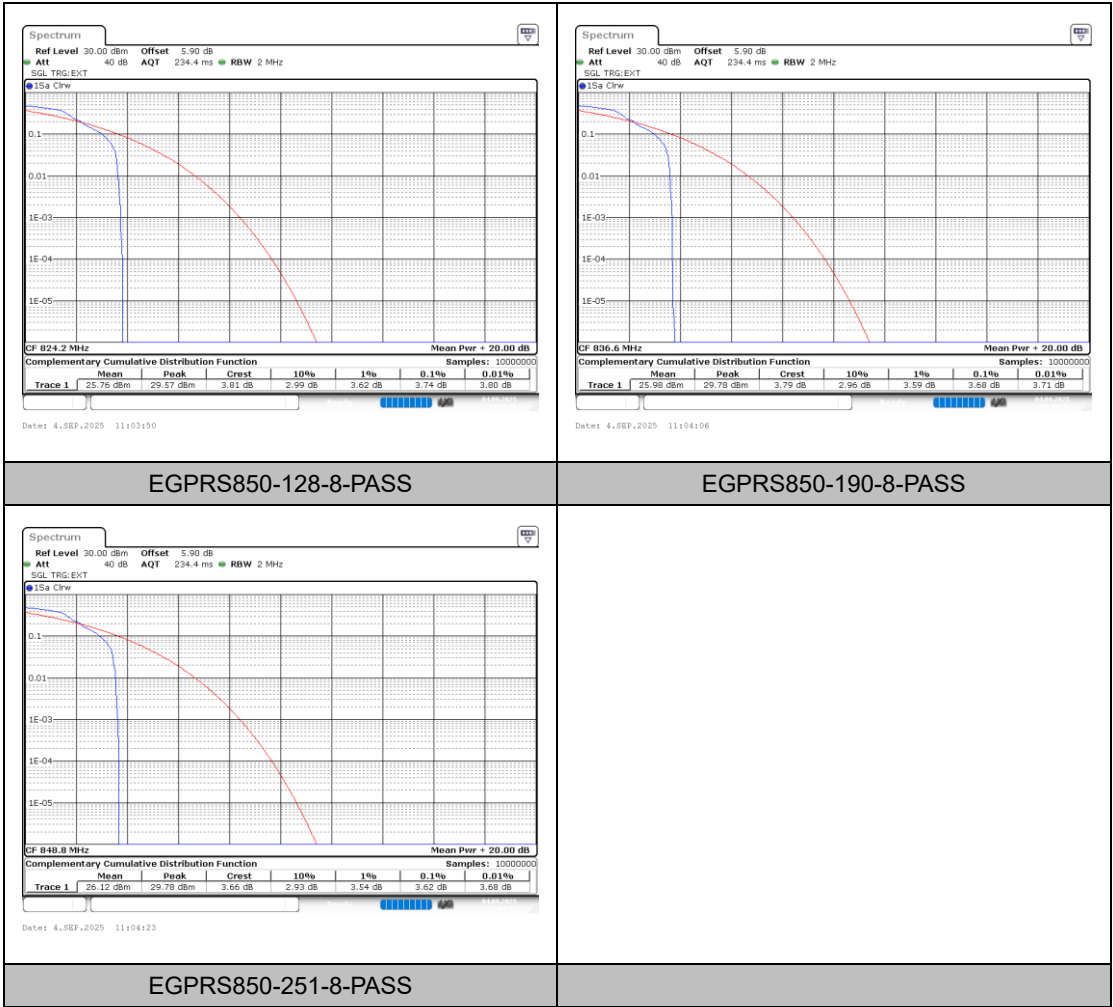
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## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

| Band     | Channel | Result(dB) | Limit(dB) | Verdict |
|----------|---------|------------|-----------|---------|
| EGPRS850 | 128     | 3.74       | 13        | PASS    |
| EGPRS850 | 190     | 3.68       | 13        | PASS    |
| EGPRS850 | 251     | 3.62       | 13        | PASS    |

Test Graphs



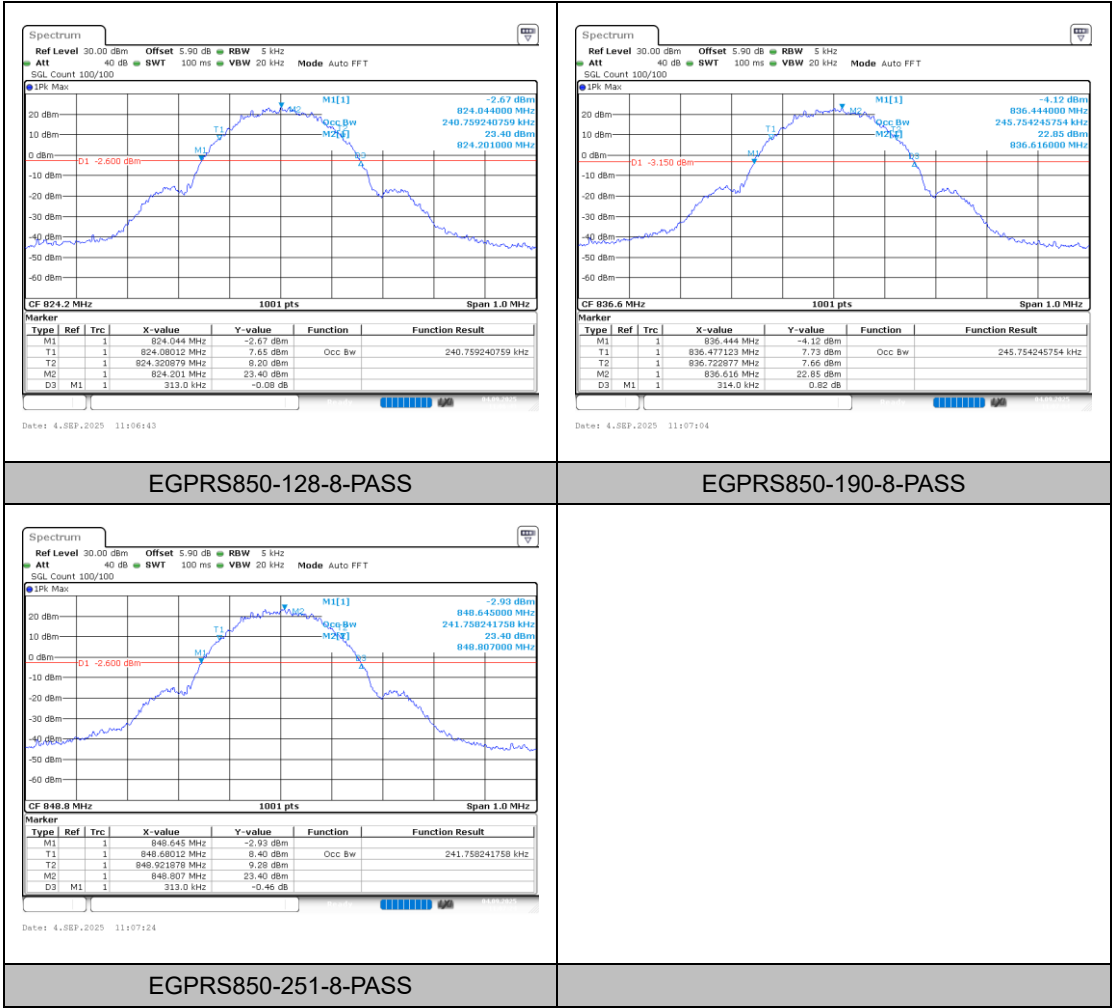
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## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band     | Channel | Occupied<br>Bandwidth (MHz) | 26dB Bandwidth<br>(MHz) | Limit<br>(MHz) | Verdict |
|----------|---------|-----------------------------|-------------------------|----------------|---------|
| EGPRS850 | 128     | 0.241                       | 0.31                    | ---            | PASS    |
| EGPRS850 | 190     | 0.246                       | 0.31                    | ---            | PASS    |
| EGPRS850 | 251     | 0.242                       | 0.31                    | ---            | PASS    |

Test Graphs



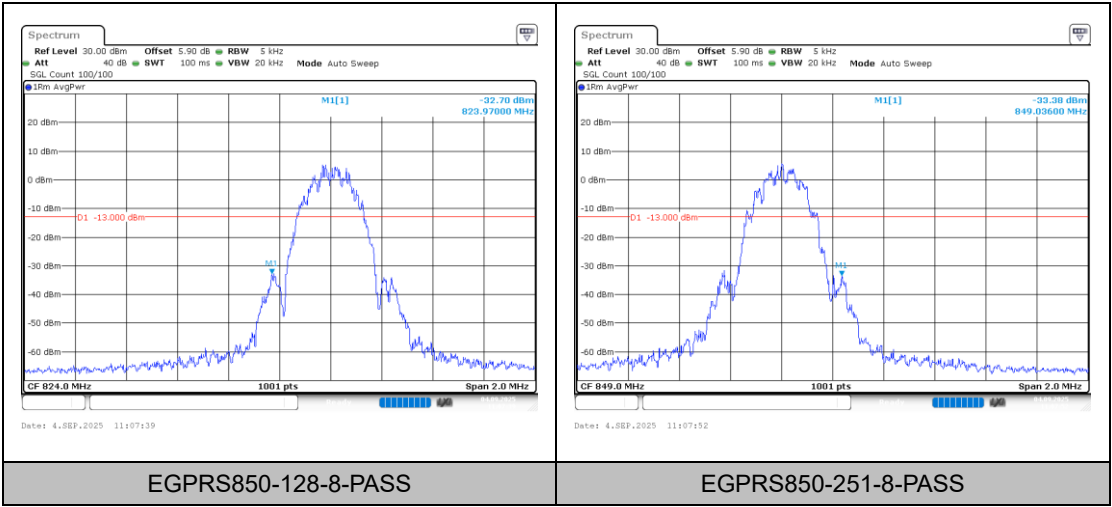
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## Appendix D: Band Edge

### Test Result

| Band     | Channel | Freq (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|----------|---------|------------|--------------|------------|---------|
| EGPRS850 | 128     | 823.97     | -32.70       | -13        | PASS    |
| EGPRS850 | 251     | 849.04     | -33.38       | -13        | PASS    |

Test Graphs



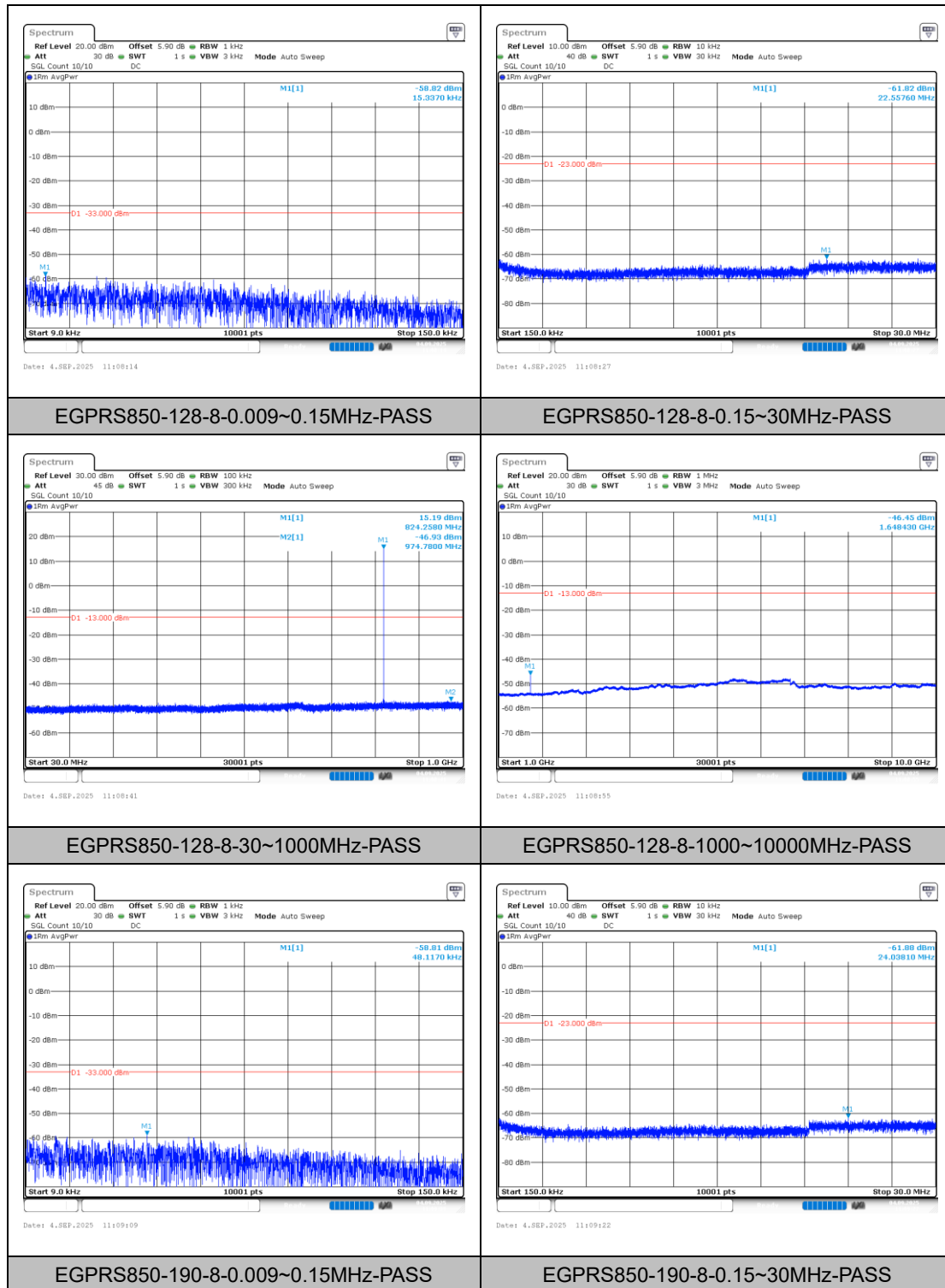
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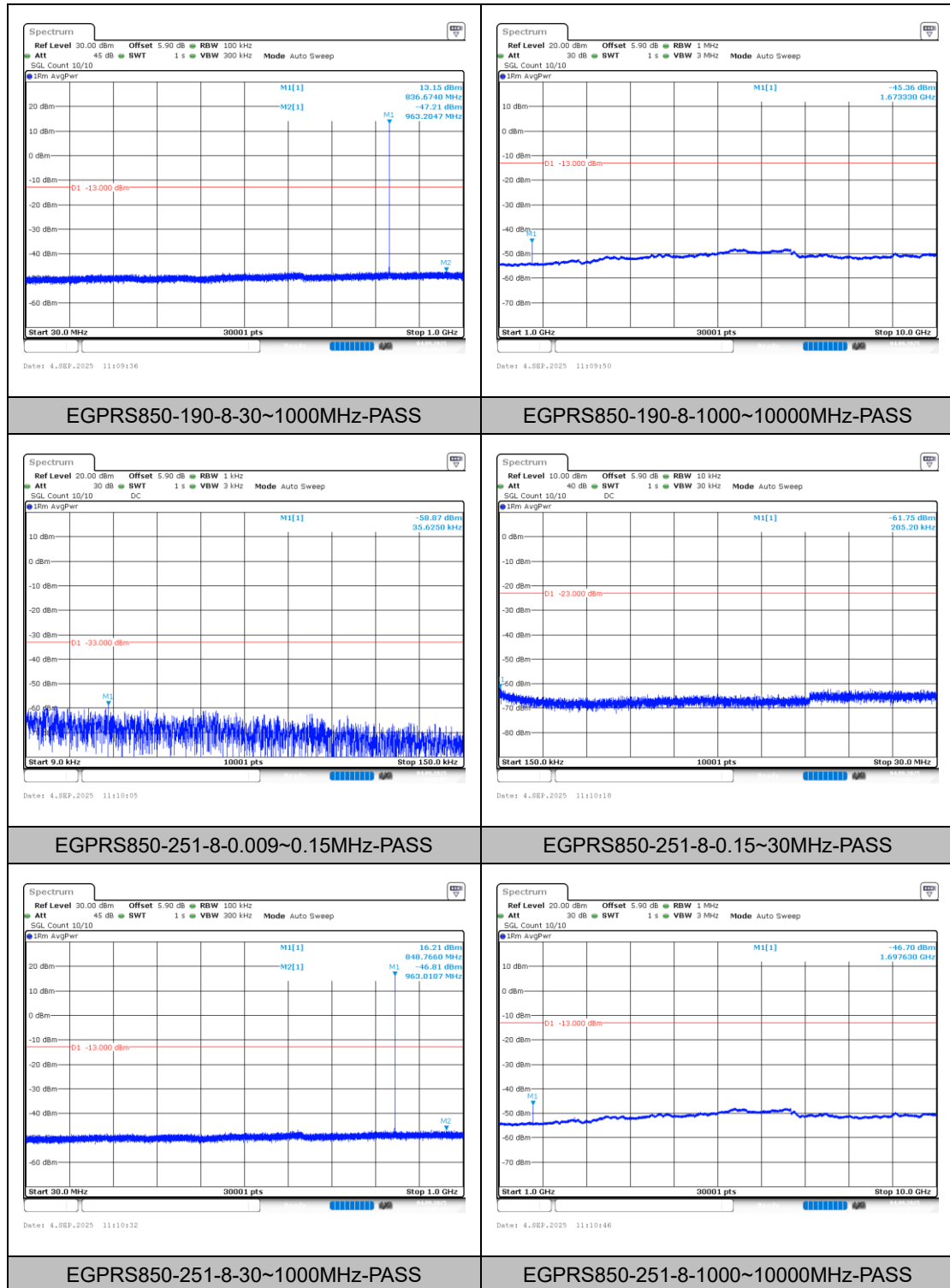
## Appendix E: Conducted Spurious Emission

### Test Result

| Band     | Channel | Frequency Range(MHz) | Max.Freq. (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|----------|---------|----------------------|-----------------|--------------|-------------|---------|
| EGPRS850 | 128     | 0.009~0.15MHz        | 0.02            | -58.82       | -33         | PASS    |
| EGPRS850 | 128     | 0.15~30MHz           | 22.56           | -61.82       | -23         | PASS    |
| EGPRS850 | 128     | 30~1000MHz           | 974.78          | -46.93       | -13         | PASS    |
| EGPRS850 | 128     | 1000~10000MHz        | 1648.43         | -46.45       | -13         | PASS    |
| EGPRS850 | 190     | 0.009~0.15MHz        | 0.05            | -58.81       | -33         | PASS    |
| EGPRS850 | 190     | 0.15~30MHz           | 24.04           | -61.88       | -23         | PASS    |
| EGPRS850 | 190     | 30~1000MHz           | 963.2           | -47.21       | -13         | PASS    |
| EGPRS850 | 190     | 1000~10000MHz        | 1673.33         | -45.36       | -13         | PASS    |
| EGPRS850 | 251     | 0.009~0.15MHz        | 0.04            | -58.87       | -33         | PASS    |
| EGPRS850 | 251     | 0.15~30MHz           | 0.21            | -61.75       | -23         | PASS    |
| EGPRS850 | 251     | 30~1000MHz           | 963.01          | -46.81       | -13         | PASS    |
| EGPRS850 | 251     | 1000~10000MHz        | 1697.63         | -46.7        | -13         | PASS    |

## Test Graphs





## Appendix F: Frequency Stability

### Test Result

| Voltage  |         |               |                  |                |                 |             |         |
|----------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band     | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| EGPRS850 | 128     | VN            | NT               | 36.59          | 0.044395        | ±2.5        | PASS    |
| EGPRS850 | 128     | VL            | NT               | 36.17          | 0.043885        | ±2.5        | PASS    |
| EGPRS850 | 128     | VH            | NT               | 34.90          | 0.042344        | ±2.5        | PASS    |
| EGPRS850 | 190     | VN            | NT               | 35.88          | 0.042888        | ±2.5        | PASS    |
| EGPRS850 | 190     | VL            | NT               | 33.69          | 0.040270        | ±2.5        | PASS    |
| EGPRS850 | 190     | VH            | NT               | 36.30          | 0.043390        | ±2.5        | PASS    |
| EGPRS850 | 251     | VN            | NT               | 34.80          | 0.040999        | ±2.5        | PASS    |
| EGPRS850 | 251     | VL            | NT               | 31.89          | 0.037571        | ±2.5        | PASS    |
| EGPRS850 | 251     | VH            | NT               | 31.53          | 0.037147        | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| EGPRS850    | 128     | NV            | -30              | 34.43          | 0.041774        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | -20              | 37.83          | 0.045899        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | -10              | 35.01          | 0.042478        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | 0                | 34.90          | 0.042344        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | 10               | 37.26          | 0.045207        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | 20               | 34.63          | 0.042017        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | 30               | 35.58          | 0.043169        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | 40               | 33.75          | 0.040949        | ±2.5        | PASS    |
| EGPRS850    | 128     | NV            | 50               | 36.34          | 0.044091        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | -30              | 34.47          | 0.041202        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | -20              | 33.58          | 0.040139        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | -10              | 38.36          | 0.045852        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 0                | 33.23          | 0.039720        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 10               | 33.87          | 0.040485        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 20               | 34.89          | 0.041705        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 30               | 33.55          | 0.040103        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 40               | 35.06          | 0.041908        | ±2.5        | PASS    |
| EGPRS850    | 190     | NV            | 50               | 35.18          | 0.042051        | ±2.5        | PASS    |
| EGPRS850    | 251     | NV            | -30              | 34.76          | 0.040952        | ±2.5        | PASS    |
| EGPRS850    | 251     | NV            | -20              | 33.88          | 0.039915        | ±2.5        | PASS    |
| EGPRS850    | 251     | NV            | -10              | 32.19          | 0.037924        | ±2.5        | PASS    |

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|          |     |    |    |       |          |      |      |
|----------|-----|----|----|-------|----------|------|------|
| EGPRS850 | 251 | NV | 0  | 34.51 | 0.040657 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 10 | 32.86 | 0.038713 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 20 | 32.09 | 0.037806 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 30 | 31.60 | 0.037229 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 40 | 32.31 | 0.038066 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 50 | 31.87 | 0.037547 | ±2.5 | PASS |