# **APPENDIX REPORT**

| Project No.     | SHT1911050201EW | Radio Specification | GSM            |
|-----------------|-----------------|---------------------|----------------|
| Test sample No. | YPHT19110671003 | Model No.           | 800            |
| Start test date | 2019/12/10      | Finish date         | 2019/12/10     |
| Temperature     | 25°C            | Humidity            | 50%            |
| Test Engineer   | Jess He         | Auditor             | William . wang |

| Appendix clause | Test item                              | Result |
|-----------------|--|--------|
| А               | Conducted Output Power                 | PASS   |
| В               | Peak-to-Average Ratio                  | PASS   |
| С               | 26 dB Bandwidth and Occupied Bandwidth | PASS   |
| D               | Band edge                              | PASS   |
| E               | Conducted Spurious Emission            | PASS   |
| F               | Frequency Stability                    | PASS   |

# 8.1 Appendix A: Conducted Output Power

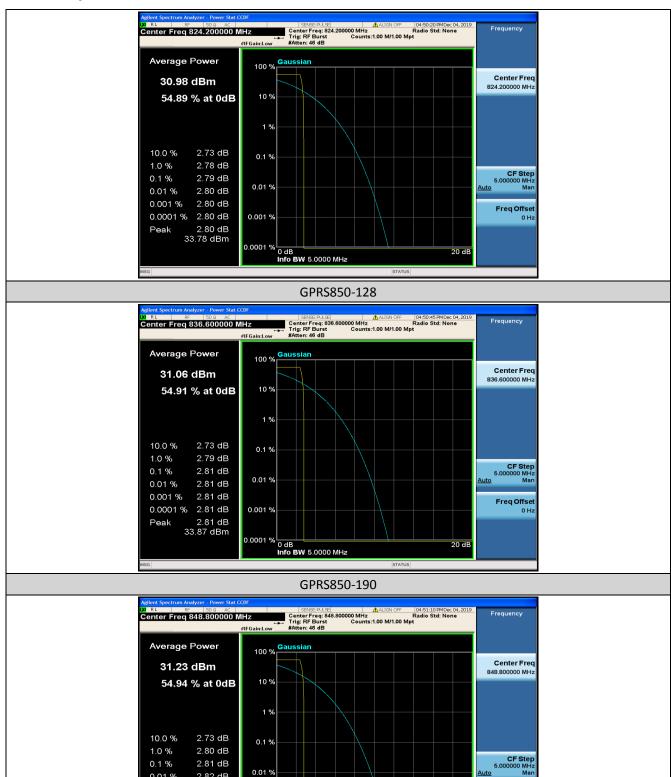
| Band     | Channel | PCL | Slot | Power(dBm) | Limit(dBm) | Verdict |
|----------|---------|-----|------|------------|------------|---------|
| GPRS850  | 128     | 5   | 1    | 33.84      | 38.5       | PASS    |
| GPRS850  | 128     | 5   | 2    | 33.66      | 38.5       | PASS    |
| GPRS850  | 128     | 5   | 3    | 32.45      | 38.5       | PASS    |
| GPRS850  | 128     | 5   | 4    | 30.18      | 38.5       | PASS    |
| GPRS850  | 190     | 5   | 1    | 33.75      | 38.5       | PASS    |
| GPRS850  | 190     | 5   | 2    | 33.61      | 38.5       | PASS    |
| GPRS850  | 190     | 5   | 3    | 31.68      | 38.5       | PASS    |
| GPRS850  | 190     | 5   | 4    | 30.22      | 38.5       | PASS    |
| GPRS850  | 251     | 5   | 1    | 33.78      | 38.5       | PASS    |
| GPRS850  | 251     | 5   | 2    | 33.64      | 38.5       | PASS    |
| GPRS850  | 251     | 5   | 3    | 31.78      | 38.5       | PASS    |
| GPRS850  | 251     | 5   | 4    | 30.26      | 38.5       | PASS    |
| GPRS1900 | 512     | 0   | 1    | 29.88      | 33         | PASS    |
| GPRS1900 | 512     | 0   | 2    | 30.02      | 33         | PASS    |
| GPRS1900 | 512     | 0   | 3    | 29.91      | 33         | PASS    |
| GPRS1900 | 512     | 0   | 4    | 29.74      | 33         | PASS    |
| GPRS1900 | 661     | 0   | 1    | 29.91      | 33         | PASS    |
| GPRS1900 | 661     | 0   | 2    | 30.05      | 33         | PASS    |
| GPRS1900 | 661     | 0   | 3    | 29.97      | 33         | PASS    |
| GPRS1900 | 661     | 0   | 4    | 29.85      | 33         | PASS    |
| GPRS1900 | 810     | 0   | 1    | 29.31      | 33         | PASS    |
| GPRS1900 | 810     | 0   | 2    | 29.43      | 33         | PASS    |
| GPRS1900 | 810     | 0   | 3    | 29.33      | 33         | PASS    |
| GPRS1900 | 810     | 0   | 4    | 29.22      | 33         | PASS    |

| Band      | Channel | PCL | Slot | Power(dBm) | Limit(dBm) | Verdict |
|-----------|---------|-----|------|------------|------------|---------|
| EGPRS850  | 128     | 8   | 1    | 26.47      | 38.5       | PASS    |
| EGPRS850  | 128     | 8   | 2    | 26.47      | 38.5       | PASS    |
| EGPRS850  | 128     | 8   | 3    | 26.30      | 38.5       | PASS    |
| EGPRS850  | 128     | 8   | 4    | 25.92      | 38.5       | PASS    |
| EGPRS850  | 190     | 8   | 1    | 26.36      | 38.5       | PASS    |
| EGPRS850  | 190     | 8   | 2    | 26.56      | 38.5       | PASS    |
| EGPRS850  | 190     | 8   | 3    | 26.05      | 38.5       | PASS    |
| EGPRS850  | 190     | 8   | 4    | 25.83      | 38.5       | PASS    |
| EGPRS850  | 251     | 8   | 1    | 26.22      | 38.5       | PASS    |
| EGPRS850  | 251     | 8   | 2    | 26.30      | 38.5       | PASS    |
| EGPRS850  | 251     | 8   | 3    | 26.12      | 38.5       | PASS    |
| EGPRS850  | 251     | 8   | 4    | 25.87      | 38.5       | PASS    |
| EGPRS1900 | 512     | 2   | 1    | 23.20      | 33         | PASS    |
| EGPRS1900 | 512     | 2   | 2    | 23.14      | 33         | PASS    |
| EGPRS1900 | 512     | 2   | 3    | 22.90      | 33         | PASS    |
| EGPRS1900 | 512     | 2   | 4    | 22.61      | 33         | PASS    |
| EGPRS1900 | 661     | 2   | 1    | 23.27      | 33         | PASS    |
| EGPRS1900 | 661     | 2   | 2    | 23.27      | 33         | PASS    |
| EGPRS1900 | 661     | 2   | 3    | 23.05      | 33         | PASS    |
| EGPRS1900 | 661     | 2   | 4    | 22.95      | 33         | PASS    |
| EGPRS1900 | 810     | 2   | 1    | 23.82      | 33         | PASS    |
| EGPRS1900 | 810     | 2   | 2    | 23.86      | 33         | PASS    |
| EGPRS1900 | 810     | 2   | 3    | 23.63      | 33         | PASS    |
| EGPRS1900 | 810     | 2   | 4    | 23.76      | 33         | PASS    |

# 8.2 Appendix B: Peak-to-Average Ratio

| Band      | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|-----------|---------|---------------------------|------------|---------|
| GPRS850   | 128     | 2.79                      | 13         | PASS    |
| GPRS850   | 190     | 2.81                      | 13         | PASS    |
| GPRS850   | 251     | 2.81                      | 13         | PASS    |
| GPRS1900  | 512     | 2.68                      | 13         | PASS    |
| GPRS1900  | 661     | 2.64                      | 13         | PASS    |
| GPRS1900  | 810     | 2.63                      | 13         | PASS    |
| EGPRS1900 | 512     | 6.04                      | 13         | PASS    |
| EGPRS1900 | 661     | 6.18                      | 13         | PASS    |
| EGPRS1900 | 810     | 6.25                      | 13         | PASS    |

### **Test Graphs**



0.01 %

0.001 %

0.0001 % 2.82 dB

2.82 dB

2.82 dB

2.82 dB 34.05 dBm

0.01 %

0.001 %

0.0001 %

0 dB Info BW 5.0000 MHz

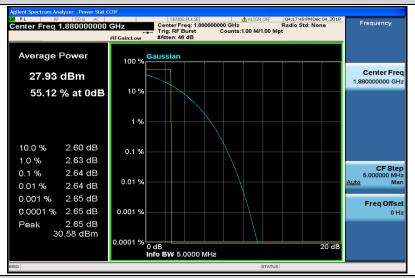
GPRS850-251

Freq Offset

20 dB



#### GPRS1900-512



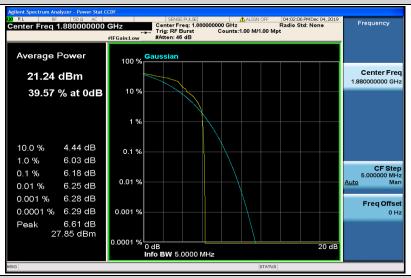
### GPRS1900-661



GPRS1900-810



#### EGPRS1900-512



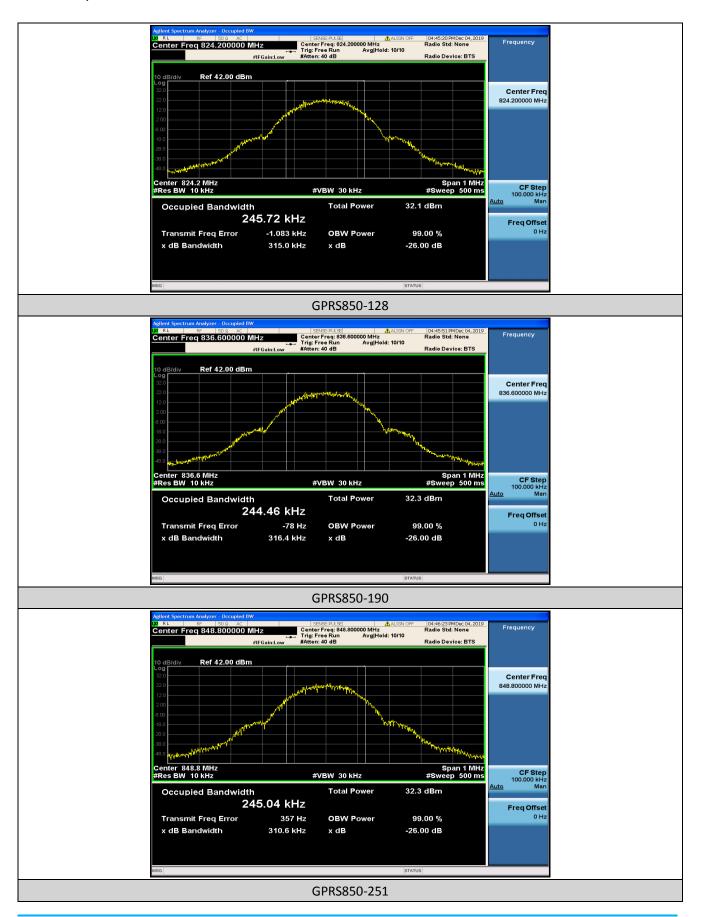
### EGPRS1900-661

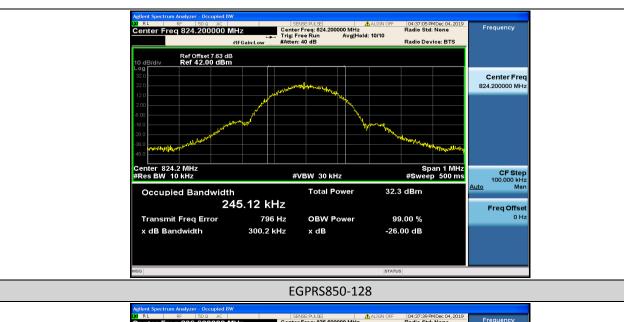


# 8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

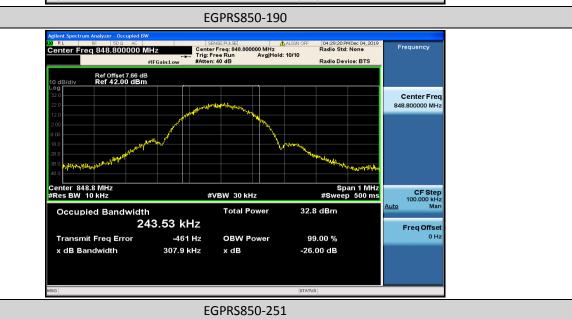
| Band      | Channel | Occupied Bandwidth | 26dB Bandwidth | Limit(kHz) | Verdict |
|-----------|---------|--------------------|----------------|------------|---------|
|           |         | (kHz)              | (kHz)          | ,          |         |
| GPRS850   | 128     | 245.72             | 315.0          |            | PASS    |
| GPRS850   | 190     | 244.46             | 316.4          |            | PASS    |
| GPRS850   | 251     | 245.04             | 310.6          |            | PASS    |
| EGPRS850  | 128     | 245.12             | 300.2          |            | PASS    |
| EGPRS850  | 190     | 245.80             | 310.1          |            | PASS    |
| EGPRS850  | 251     | 243.53             | 307.9          |            | PASS    |
| GPRS1900  | 512     | 241.99             | 316.8          |            | PASS    |
| GPRS1900  | 661     | 242.40             | 314.9          |            | PASS    |
| GPRS1900  | 810     | 247.64             | 317.5          |            | PASS    |
| EGPRS1900 | 512     | 243.07             | 304.6          |            | PASS    |
| EGPRS1900 | 661     | 242.32             | 309.9          |            | PASS    |
| EGPRS1900 | 810     | 242.04             | 305.5          |            | PASS    |

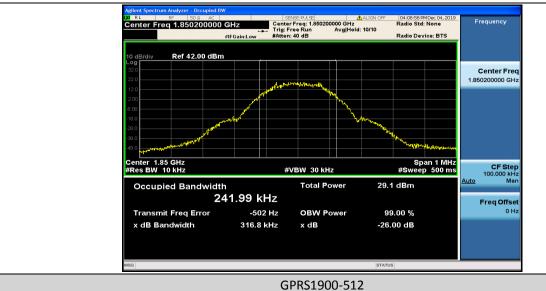
### **Test Graphs**

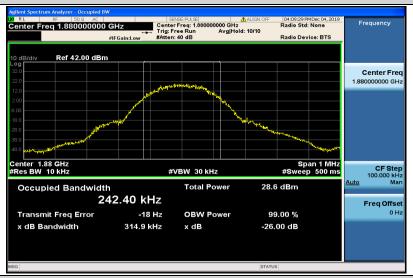




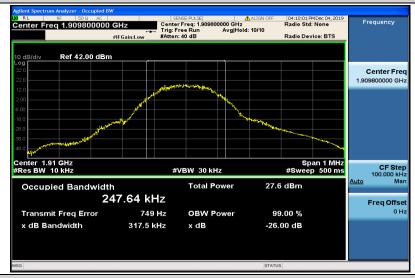




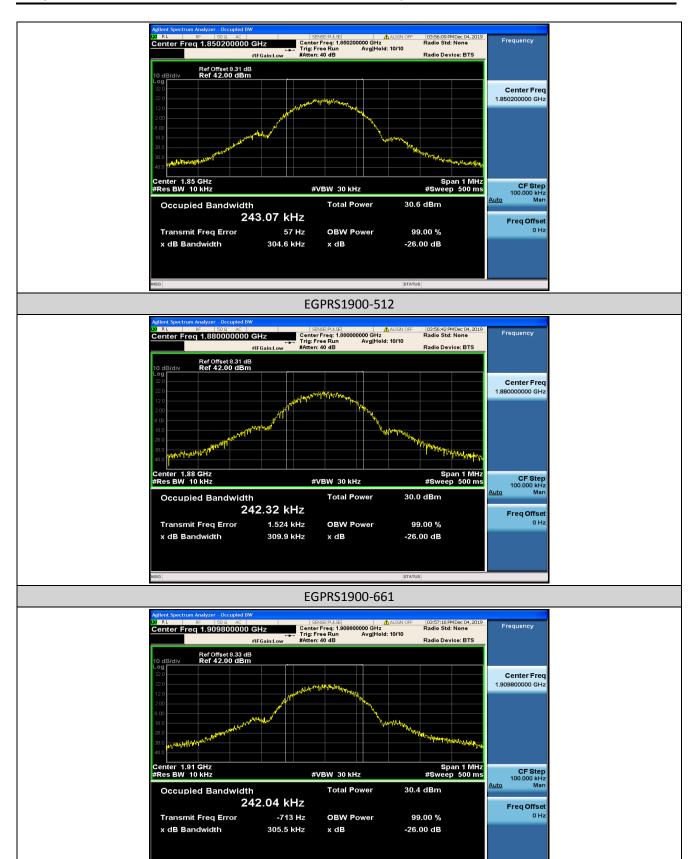




### GPRS1900-661



GPRS1900-810

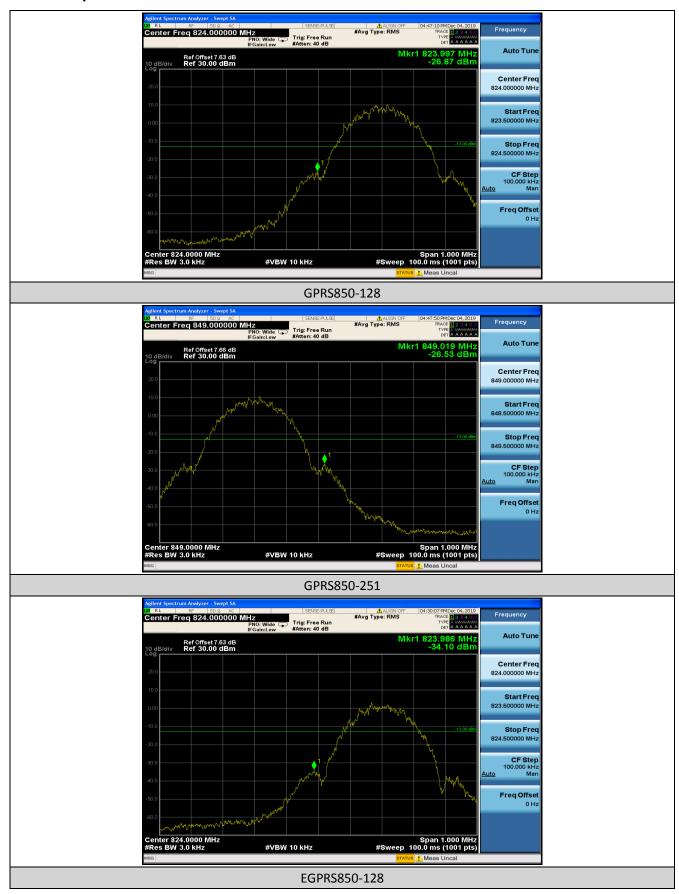


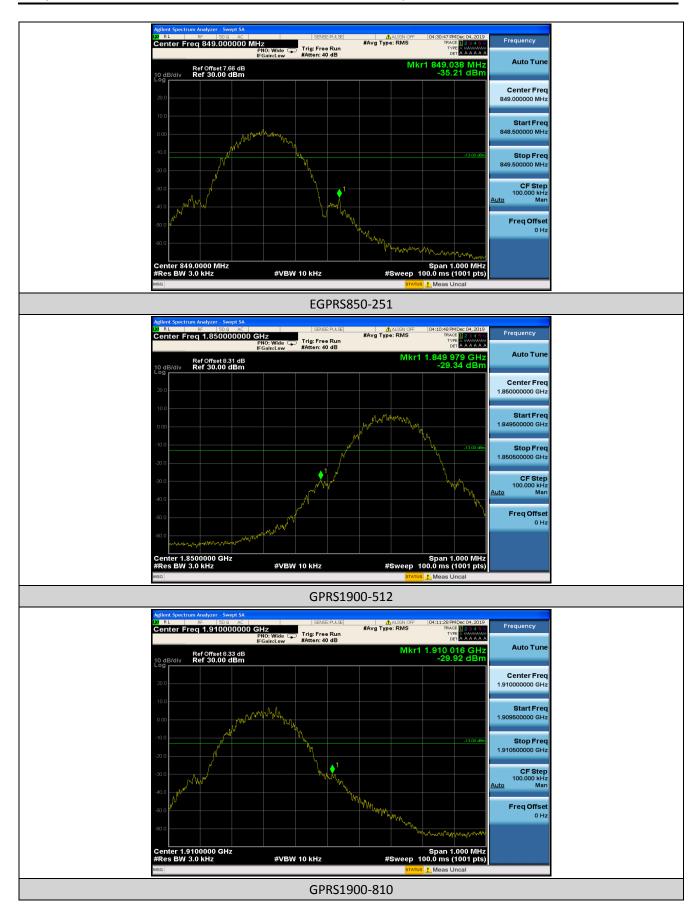
EGPRS1900-810

# 8.4 Appendix D: Band Edge

| Band      | Channel | Value(dBm) | Limit(dBm) | Verdict |
|-----------|---------|------------|------------|---------|
| GPRS850   | 128     | -26.87     | -13        | PASS    |
| GPRS850   | 251     | -26.53     | -13        | PASS    |
| EGPRS850  | 128     | -34.10     | -13        | PASS    |
| EGPRS850  | 251     | -35.21     | -13        | PASS    |
| GPRS1900  | 512     | -29.34     | -13        | PASS    |
| GPRS1900  | 810     | -29.92     | -13        | PASS    |
| EGPRS1900 | 512     | -33.54     | -13        | PASS    |
| EGPRS1900 | 810     | -36.66     | -13        | PASS    |

## **Test Graphs**



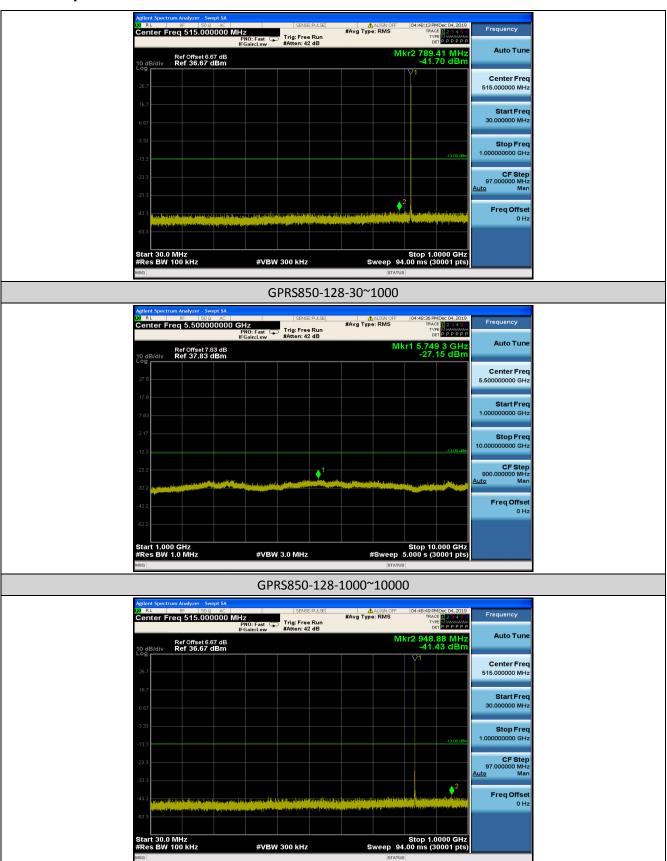


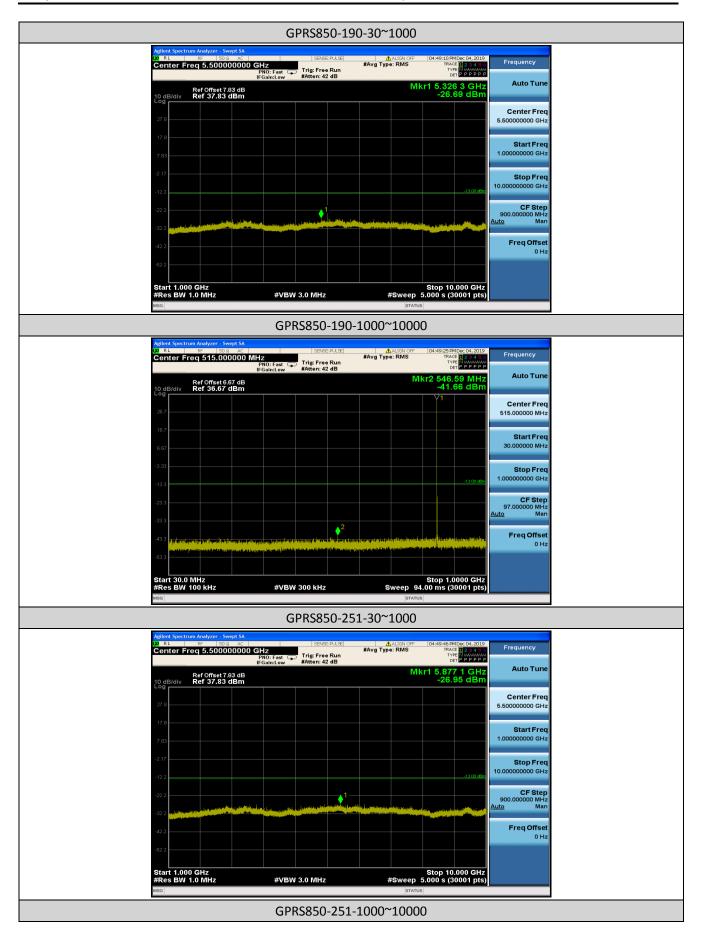


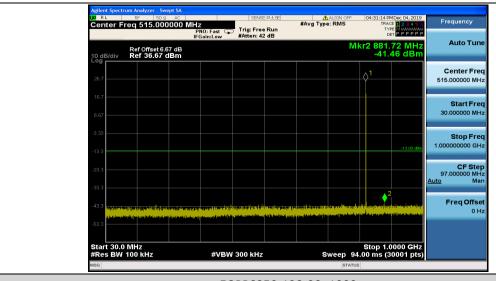
# 8.5 Appendix E: Conducted Spurious Emission

| Band      | Channel | Frequency Range(Mhz) | Value(dBm) | Limit(dBm) | Verdict |
|-----------|---------|----------------------|------------|------------|---------|
| GPRS850   | 128     | 30~1000              | -41.70     | -13        | PASS    |
| GPRS850   | 128     | 1000~10000           | -27.15     | -13        | PASS    |
| GPRS850   | 190     | 30~1000              | -41.43     | -13        | PASS    |
| GPRS850   | 190     | 1000~10000           | -26.69     | -13        | PASS    |
| GPRS850   | 251     | 30~1000              | -41.67     | -13        | PASS    |
| GPRS850   | 251     | 1000~10000           | -26.95     | -13        | PASS    |
| EGPRS850  | 128     | 30~1000              | -41.46     | -13        | PASS    |
| EGPRS850  | 128     | 1000~10000           | -26.92     | -13        | PASS    |
| EGPRS850  | 190     | 30~1000              | -41.58     | -13        | PASS    |
| EGPRS850  | 190     | 1000~10000           | -26.54     | -13        | PASS    |
| EGPRS850  | 251     | 30~1000              | -41.35     | -13        | PASS    |
| EGPRS850  | 251     | 1000~10000           | -25.25     | -13        | PASS    |
| GPRS1900  | 512     | 30~1000              | -41.23     | -13        | PASS    |
| GPRS1900  | 512     | 1000~20000           | -20.25     | -13        | PASS    |
| GPRS1900  | 661     | 30~1000              | -41.54     | -13        | PASS    |
| GPRS1900  | 661     | 1000~20000           | -20.17     | -13        | PASS    |
| GPRS1900  | 810     | 30~1000              | -41.66     | -13        | PASS    |
| GPRS1900  | 810     | 1000~20000           | -20.56     | -13        | PASS    |
| EGPRS1900 | 512     | 30~1000              | -41.23     | -13        | PASS    |
| EGPRS1900 | 512     | 1000~20000           | -20.59     | -13        | PASS    |
| EGPRS1900 | 661     | 30~1000              | -41.59     | -13        | PASS    |
| EGPRS1900 | 661     | 1000~20000           | -20.04     | -13        | PASS    |
| EGPRS1900 | 810     | 30~1000              | -41.26     | -13        | PASS    |
| EGPRS1900 | 810     | 1000~20000           | -20.59     | -13        | PASS    |

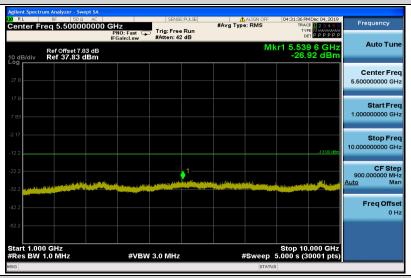
### **Test Graphs**



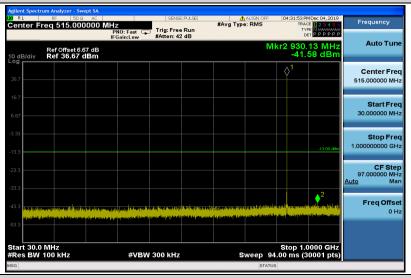


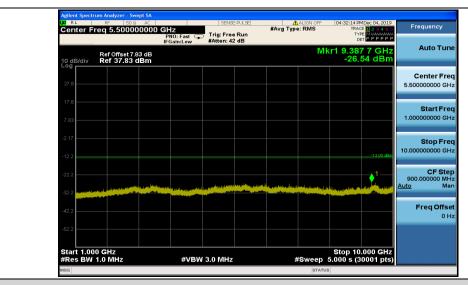


#### EGPRS850-128-30~1000

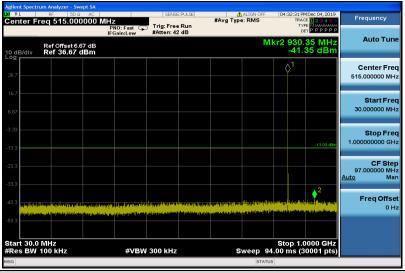


### EGPRS850-128-1000~10000

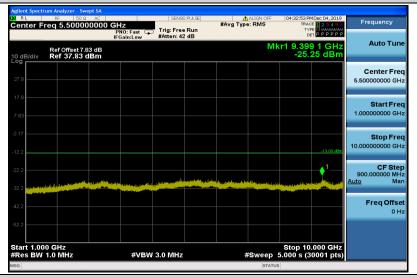


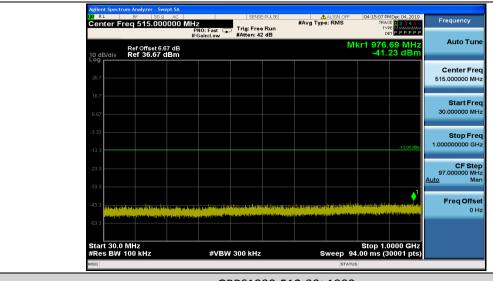


#### EGPRS850-190-1000~10000

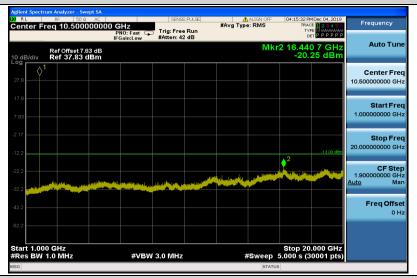


### EGPRS850-251-30~1000

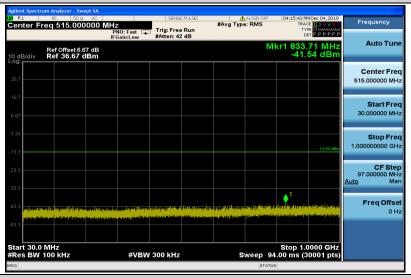


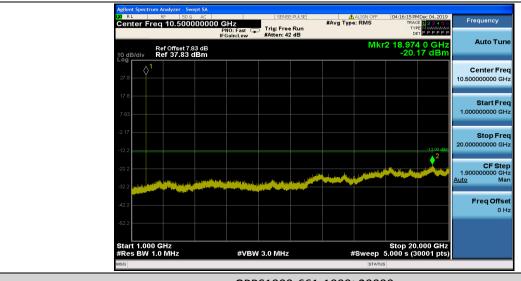


#### GPRS1900-512-30~1000

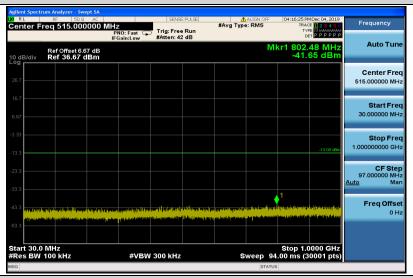


### GPRS1900-512-1000~20000





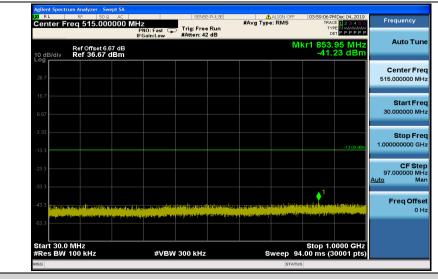
#### GPRS1900-661-1000~20000



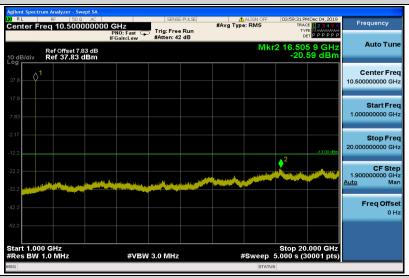
### GPRS1900-810-30~1000



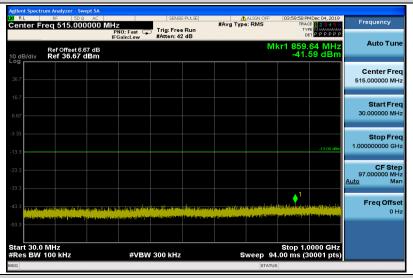
GPRS1900-810-1000~20000



#### EGPRS1900-512-30~1000

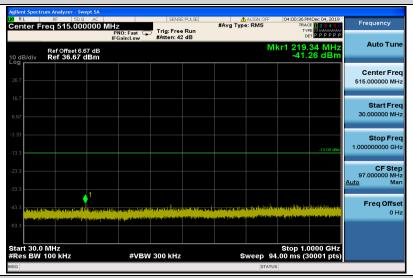


### EGPRS1900-512-1000~20000





### EGPRS1900-661-1000~20000



### EGPRS1900-810-30~1000



# 8.6 Appendix F: Frequency Stability

| Voltage   |         |                  |                     |                   |                 |                |         |  |
|-----------|---------|------------------|---------------------|-------------------|-----------------|----------------|---------|--|
| Band      | Channel | Voltage<br>(Vdc) | Temperature<br>(°ℂ) | Deviation<br>(Hz) | Deviation (ppm) | Limit<br>(ppm) | Verdict |  |
| GPRS850   | 128     | VL               | TN                  | 5.68              | 0.006894        | 2.5            | PASS    |  |
| GPRS850   | 128     | VN               | TN                  | 12.04             | 0.014611        | 2.5            | PASS    |  |
| GPRS850   | 128     | VH               | TN                  | 18.14             | 0.022015        | 2.5            | PASS    |  |
| GPRS850   | 190     | VL               | TN                  | 10.40             | 0.012427        | 2.5            | PASS    |  |
| GPRS850   | 190     | VN               | TN                  | 11.98             | 0.014318        | 2.5            | PASS    |  |
| GPRS850   | 190     | VH               | TN                  | 12.91             | 0.015437        | 2.5            | PASS    |  |
| GPRS850   | 251     | VL               | TN                  | 11.98             | 0.014112        | 2.5            | PASS    |  |
| GPRS850   | 251     | VN               | TN                  | 13.79             | 0.016242        | 2.5            | PASS    |  |
| GPRS850   | 251     | VH               | TN                  | 14.75             | 0.017383        | 2.5            | PASS    |  |
| EGPRS850  | 128     | VL               | TN                  | 10.33             | 0.012535        | 2.5            | PASS    |  |
| EGPRS850  | 128     | VN               | TN                  | 14.46             | 0.017549        | 2.5            | PASS    |  |
| EGPRS850  | 128     | VH               | TN                  | 16.66             | 0.020213        | 2.5            | PASS    |  |
| EGPRS850  | 190     | VL               | TN                  | 12.69             | 0.015167        | 2.5            | PASS    |  |
| EGPRS850  | 190     | VN               | TN                  | 20.44             | 0.024429        | 2.5            | PASS    |  |
| EGPRS850  | 190     | VH               | TN                  | 25.31             | 0.030256        | 2.5            | PASS    |  |
| EGPRS850  | 251     | VL               | TN                  | 21.41             | 0.025219        | 2.5            | PASS    |  |
| EGPRS850  | 251     | VN               | TN                  | 19.89             | 0.023431        | 2.5            | PASS    |  |
| EGPRS850  | 251     | VH               | TN                  | 21.57             | 0.025409        | 2.5            | PASS    |  |
| GPRS1900  | 512     | VL               | TN                  | -20.44            | -0.011046       | 2.5            | PASS    |  |
| GPRS1900  | 512     | VN               | TN                  | 5.29              | 0.002862        | 2.5            | PASS    |  |
| GPRS1900  | 512     | VH               | TN                  | 11.82             | 0.006387        | 2.5            | PASS    |  |
| GPRS1900  | 661     | VL               | TN                  | 10.91             | 0.005805        | 2.5            | PASS    |  |
| GPRS1900  | 661     | VN               | TN                  | 14.63             | 0.007780        | 2.5            | PASS    |  |
| GPRS1900  | 661     | VH               | TN                  | 11.95             | 0.006354        | 2.5            | PASS    |  |
| GPRS1900  | 810     | VL               | TN                  | 11.07             | 0.005799        | 2.5            | PASS    |  |
| GPRS1900  | 810     | VN               | TN                  | 4.75              | 0.002485        | 2.5            | PASS    |  |
| GPRS1900  | 810     | VH               | TN                  | 4.55              | 0.002384        | 2.5            | PASS    |  |
| EGPRS1900 | 512     | VL               | TN                  | -4.29             | -0.002321       | 2.5            | PASS    |  |
| EGPRS1900 | 512     | VN               | TN                  | 11.27             | 0.006090        | 2.5            | PASS    |  |
| EGPRS1900 | 512     | VH               | TN                  | 15.50             | 0.008376        | 2.5            | PASS    |  |
| EGPRS1900 | 661     | VL               | TN                  | 12.56             | 0.006680        | 2.5            | PASS    |  |
| EGPRS1900 | 661     | VN               | TN                  | 13.66             | 0.007264        | 2.5            | PASS    |  |
| EGPRS1900 | 661     | VH               | TN                  | 15.79             | 0.008398        | 2.5            | PASS    |  |
| EGPRS1900 | 810     | VL               | TN                  | 12.79             | 0.006695        | 2.5            | PASS    |  |
| EGPRS1900 | 810     | VN               | TN                  | 8.17              | 0.004277        | 2.5            | PASS    |  |

EGPRS1900 810 VH TN 8.14 0.004260 2.5 PASS

|          | Temperature |                  |                     |                   |                 |                |         |  |  |  |
|----------|-------------|------------------|---------------------|-------------------|-----------------|----------------|---------|--|--|--|
| Band     | Channel     | Voltage<br>(Vdc) | Temperature<br>(°C) | Deviation<br>(Hz) | Deviation (ppm) | Limit<br>(ppm) | Verdict |  |  |  |
| GPRS850  | 128         | VN               | -30                 | 14.43             | 0.017510        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | -20                 | 17.18             | 0.020840        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | -10                 | 16.24             | 0.019704        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | 0                   | 14.56             | 0.017667        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | 10                  | 14.43             | 0.017510        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | 20                  | 12.27             | 0.014885        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | 30                  | 12.49             | 0.015160        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | 40                  | 14.37             | 0.017432        | 2.5            | PASS    |  |  |  |
| GPRS850  | 128         | VN               | 50                  | 10.72             | 0.013005        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | -30                 | 13.01             | 0.015552        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | -20                 | 11.49             | 0.013739        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | -10                 | 11.66             | 0.013932        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | 0                   | 14.27             | 0.017058        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | 10                  | 11.46             | 0.013700        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | 20                  | 12.11             | 0.014472        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | 30                  | 12.01             | 0.014356        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | 40                  | 10.75             | 0.012851        | 2.5            | PASS    |  |  |  |
| GPRS850  | 190         | VN               | 50                  | 11.53             | 0.013777        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | -30                 | 11.46             | 0.013503        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | -20                 | 11.27             | 0.013275        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | -10                 | 12.40             | 0.014606        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | 0                   | 12.20             | 0.014378        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | 10                  | 13.08             | 0.015405        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | 20                  | 11.66             | 0.013731        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | 30                  | 11.30             | 0.013313        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | 40                  | 11.04             | 0.013009        | 2.5            | PASS    |  |  |  |
| GPRS850  | 251         | VN               | 50                  | 9.62              | 0.011335        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | -30                 | 12.91             | 0.015669        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | -20                 | 13.92             | 0.016883        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | -10                 | 10.94             | 0.013279        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | 0                   | 12.07             | 0.014650        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | 10                  | 13.37             | 0.016217        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | 20                  | 15.17             | 0.018411        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | 30                  | 13.92             | 0.016883        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | 40                  | 14.98             | 0.018176        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 128         | VN               | 50                  | 13.08             | 0.015865        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 190         | VN               | -30                 | 27.54             | 0.032919        | 2.5            | PASS    |  |  |  |
| EGPRS850 | 190         | VN               | -20                 | 22.05             | 0.026358        | 2.5            | PASS    |  |  |  |

| EGPRS850 | 190 | VN | -10 | 21.50 | 0.025702 | 2.5 | PASS |
|----------|-----|----|-----|-------|----------|-----|------|
| EGPRS850 | 190 | VN | 0   | 22.83 | 0.027284 | 2.5 | PASS |
| EGPRS850 | 190 | VN | 10  | 22.50 | 0.026898 | 2.5 | PASS |
| EGPRS850 | 190 | VN | 20  | 23.83 | 0.028481 | 2.5 | PASS |
| EGPRS850 | 190 | VN | 30  | 20.76 | 0.024814 | 2.5 | PASS |
| EGPRS850 | 190 | VN | 40  | 22.89 | 0.027362 | 2.5 | PASS |
| EGPRS850 | 190 | VN | 50  | 22.37 | 0.026744 | 2.5 | PASS |
| EGPRS850 | 251 | VN | -30 | 19.89 | 0.023431 | 2.5 | PASS |
| EGPRS850 | 251 | VN | -20 | 20.50 | 0.024154 | 2.5 | PASS |
| EGPRS850 | 251 | VN | -10 | 20.89 | 0.024610 | 2.5 | PASS |
| EGPRS850 | 251 | VN | 0   | 19.98 | 0.023545 | 2.5 | PASS |
| EGPRS850 | 251 | VN | 10  | 20.79 | 0.024496 | 2.5 | PASS |
| EGPRS850 | 251 | VN | 20  | 22.08 | 0.026017 | 2.5 | PASS |
| EGPRS850 | 251 | VN | 30  | 21.73 | 0.025599 | 2.5 | PASS |
| EGPRS850 | 251 | VN | 40  | 22.12 | 0.026055 | 2.5 | PASS |
| EGPRS850 | 251 | VN | 50  | 21.50 | 0.025333 | 2.5 | PASS |
| GPRS1900 | 512 | VN | -30 | 12.59 | 0.006805 | 2.5 | PASS |
| GPRS1900 | 512 | VN | -20 | 13.82 | 0.007469 | 2.5 | PASS |
| GPRS1900 | 512 | VN | -10 | 15.40 | 0.008324 | 2.5 | PASS |
| GPRS1900 | 512 | VN | 0   | 11.11 | 0.006003 | 2.5 | PASS |
| GPRS1900 | 512 | VN | 10  | 10.14 | 0.005479 | 2.5 | PASS |
| GPRS1900 | 512 | VN | 20  | 10.69 | 0.005776 | 2.5 | PASS |
| GPRS1900 | 512 | VN | 30  | 11.43 | 0.006177 | 2.5 | PASS |
| GPRS1900 | 512 | VN | 40  | 12.43 | 0.006718 | 2.5 | PASS |
| GPRS1900 | 512 | VN | 50  | 9.27  | 0.005008 | 2.5 | PASS |
| GPRS1900 | 661 | VN | -30 | 13.43 | 0.007144 | 2.5 | PASS |
| GPRS1900 | 661 | VN | -20 | 11.43 | 0.006079 | 2.5 | PASS |
| GPRS1900 | 661 | VN | -10 | 12.27 | 0.006526 | 2.5 | PASS |
| GPRS1900 | 661 | VN | 0   | 7.91  | 0.004207 | 2.5 | PASS |
| GPRS1900 | 661 | VN | 10  | 8.52  | 0.004534 | 2.5 | PASS |
| GPRS1900 | 661 | VN | 20  | 9.10  | 0.004843 | 2.5 | PASS |
| GPRS1900 | 661 | VN | 30  | 11.66 | 0.006200 | 2.5 | PASS |
| GPRS1900 | 661 | VN | 40  | 9.62  | 0.005118 | 2.5 | PASS |
| GPRS1900 | 661 | VN | 50  | 12.46 | 0.006629 | 2.5 | PASS |
| GPRS1900 | 810 | VN | -30 | 4.42  | 0.002316 | 2.5 | PASS |
| GPRS1900 | 810 | VN | -20 | 7.75  | 0.004057 | 2.5 | PASS |
| GPRS1900 | 810 | VN | -10 | 2.71  | 0.001420 | 2.5 | PASS |
| GPRS1900 | 810 | VN | 0   | 6.07  | 0.003178 | 2.5 | PASS |
| GPRS1900 | 810 | VN | 10  | 2.97  | 0.001555 | 2.5 | PASS |
| GPRS1900 | 810 | VN | 20  | 5.29  | 0.002772 | 2.5 | PASS |
| GPRS1900 | 810 | VN | 30  | 3.49  | 0.001826 | 2.5 | PASS |
| GPRS1900 | 810 | VN | 40  | 4.94  | 0.002587 | 2.5 | PASS |

| GPRS1900  | 810 | VN | 50  | 3.68  | 0.001927 | 2.5 | PASS |
|-----------|-----|----|-----|-------|----------|-----|------|
| EGPRS1900 | 512 | VN | -30 | 11.59 | 0.006265 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | -20 | 15.24 | 0.008236 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | -10 | 17.08 | 0.009231 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | 0   | 17.05 | 0.009214 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | 10  | 10.69 | 0.005776 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | 20  | 11.46 | 0.006195 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | 30  | 11.49 | 0.006212 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | 40  | 12.04 | 0.006509 | 2.5 | PASS |
| EGPRS1900 | 512 | VN | 50  | 10.01 | 0.005409 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | -30 | 17.89 | 0.009514 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | -20 | 14.37 | 0.007642 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | -10 | 16.18 | 0.008604 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | 0   | 14.30 | 0.007608 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | 10  | 11.72 | 0.006234 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | 20  | 12.30 | 0.006543 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | 30  | 15.82 | 0.008415 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | 40  | 18.02 | 0.009583 | 2.5 | PASS |
| EGPRS1900 | 661 | VN | 50  | 14.14 | 0.007522 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | -30 | 10.56 | 0.005528 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | -20 | 6.13  | 0.003212 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | -10 | 11.11 | 0.005815 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | 0   | 9.46  | 0.004953 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | 10  | 8.20  | 0.004294 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | 20  | 10.53 | 0.005511 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | 30  | 12.46 | 0.006525 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | 40  | 12.85 | 0.006728 | 2.5 | PASS |
| EGPRS1900 | 810 | VN | 50  | 7.43  | 0.003888 | 2.5 | PASS |
|           |     |    |     |       |          |     |      |

-----End of the Report -----