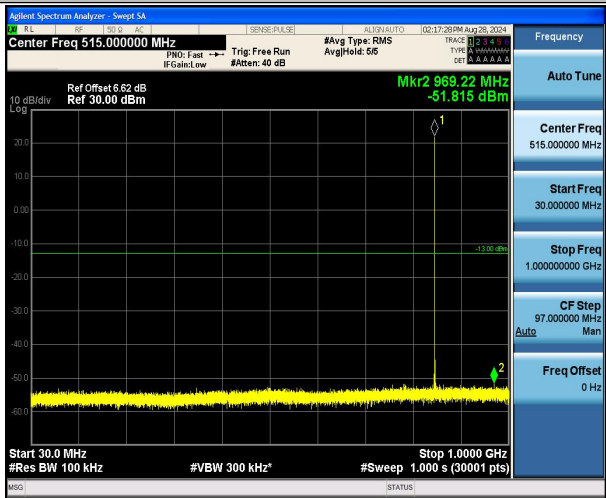




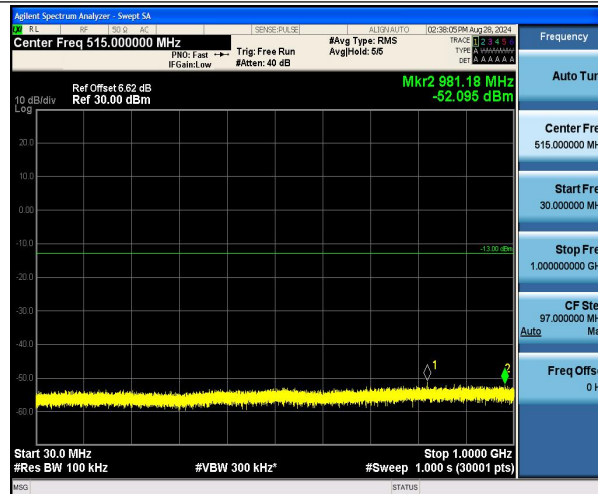
GPRS850-190-5-1000~10000MHz-PASS



GPRS850-251-5-30~1000MHz-PASS



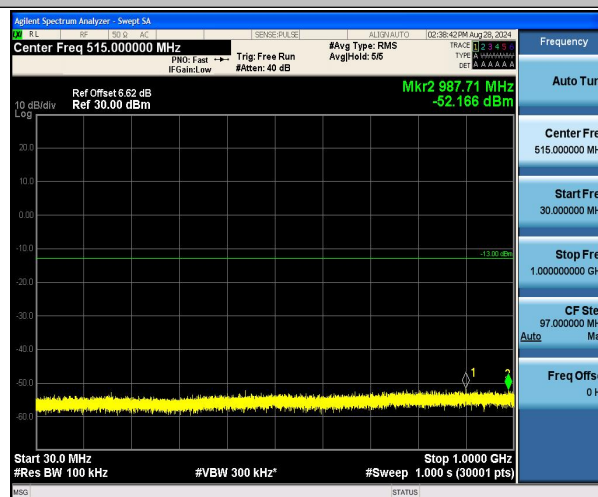
GPRS850-251-5-1000~10000MHz-PASS



## EGPRS850-128-8-30~1000MHz-PASS



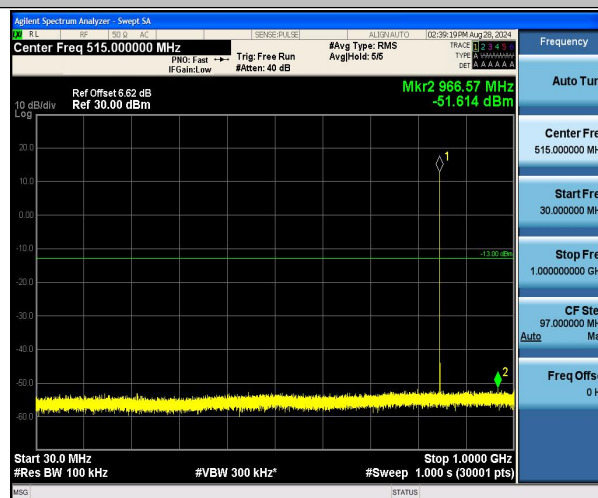
## EGPRS850-128-8-1000~10000MHz-PASS



## EGPRS850-190-8-30~1000MHz-PASS



## EGPRS850-190-8-1000~10000MHz-PASS



## EGPRS850-251-8-30~1000MHz-PASS



## EGPRS850-251-8-1000~10000MHz-PASS



## GSM1900-512-0-30~1000MHz-PASS



## GSM1900-512-0-1000~20000MHz-PASS



## GSM1900-661-0-30~1000MHz-PASS



GSM1900-661-0-1000~20000MHz-PASS



GSM1900-810-0-30~1000MHz-PASS



GSM1900-810-0-1000~20000MHz-PASS



## GPRS1900-512-0-30~1000MHz-PASS



## GPRS1900-512-0-1000~20000MHz-PASS



## GPRS1900-661-0-30~1000MHz-PASS



GPRS1900-661-0-1000~20000MHz-PASS



GPRS1900-810-0-30~1000MHz-PASS



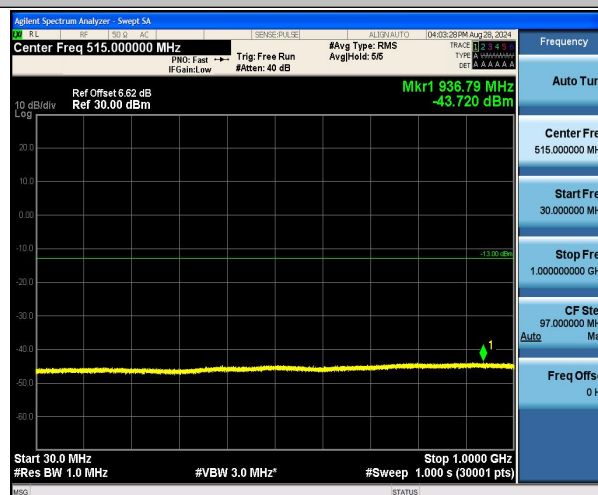
GPRS1900-810-0-1000~20000MHz-PASS



## EGPRS1900-512-2-30~1000MHz-PASS



## EGPRS1900-512-2-1000~20000MHz-PASS



## EGPRS1900-661-2-30~1000MHz-PASS



## EGPRS1900-661-2-1000~20000MHz-PASS



## EGPRS1900-810-2-30~1000MHz-PASS



## EGPRS1900-810-2-1000~20000MHz-PASS

## Appendix F: Frequency Stability

### Test Result

| Voltage  |         |               |                  |                |                 |             |         |
|----------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band     | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850   | 128     | VN            | NT               | 4.10           | 0.004975        | ±2.5        | PASS    |
| GSM850   | 128     | VL            | NT               | 2.74           | 0.003324        | ±2.5        | PASS    |
| GSM850   | 128     | VH            | NT               | 1.23           | 0.001492        | ±2.5        | PASS    |
| GSM850   | 190     | VN            | NT               | 3.49           | 0.004172        | ±2.5        | PASS    |
| GSM850   | 190     | VL            | NT               | 3.39           | 0.004052        | ±2.5        | PASS    |
| GSM850   | 190     | VH            | NT               | 1.61           | 0.001924        | ±2.5        | PASS    |
| GSM850   | 251     | VN            | NT               | -0.48          | -0.000566       | ±2.5        | PASS    |
| GSM850   | 251     | VL            | NT               | 0.84           | 0.000990        | ±2.5        | PASS    |
| GSM850   | 251     | VH            | NT               | 0.68           | 0.000801        | ±2.5        | PASS    |
| GPRS850  | 128     | VN            | NT               | -3.49          | -0.004234       | ±2.5        | PASS    |
| GPRS850  | 128     | VL            | NT               | -2.16          | -0.002621       | ±2.5        | PASS    |
| GPRS850  | 128     | VH            | NT               | -1.45          | -0.001759       | ±2.5        | PASS    |
| GPRS850  | 190     | VN            | NT               | -2.94          | -0.003514       | ±2.5        | PASS    |
| GPRS850  | 190     | VL            | NT               | 1.36           | 0.001626        | ±2.5        | PASS    |
| GPRS850  | 190     | VH            | NT               | -2.39          | -0.002857       | ±2.5        | PASS    |
| GPRS850  | 251     | VN            | NT               | -1.49          | -0.001755       | ±2.5        | PASS    |
| GPRS850  | 251     | VL            | NT               | -0.52          | -0.000613       | ±2.5        | PASS    |
| GPRS850  | 251     | VH            | NT               | -3.39          | -0.003994       | ±2.5        | PASS    |
| EGPRS850 | 128     | VN            | NT               | -0.06          | -0.000073       | ±2.5        | PASS    |
| EGPRS850 | 128     | VL            | NT               | 0.16           | 0.000194        | ±2.5        | PASS    |
| EGPRS850 | 128     | VH            | NT               | 2.65           | 0.003215        | ±2.5        | PASS    |
| EGPRS850 | 190     | VN            | NT               | 0.87           | 0.001040        | ±2.5        | PASS    |
| EGPRS850 | 190     | VL            | NT               | -0.39          | -0.000466       | ±2.5        | PASS    |
| EGPRS850 | 190     | VH            | NT               | 0.03           | 0.000036        | ±2.5        | PASS    |
| EGPRS850 | 251     | VN            | NT               | -1.97          | -0.002321       | ±2.5        | PASS    |
| EGPRS850 | 251     | VL            | NT               | -2.91          | -0.003428       | ±2.5        | PASS    |
| EGPRS850 | 251     | VH            | NT               | -6.36          | -0.007493       | ±2.5        | PASS    |
| GSM1900  | 512     | VN            | NT               | 6.39           | 0.003454        | ±2.5        | PASS    |
| GSM1900  | 512     | VL            | NT               | 4.13           | 0.002232        | ±2.5        | PASS    |
| GSM1900  | 512     | VH            | NT               | 7.43           | 0.004016        | ±2.5        | PASS    |
| GSM1900  | 661     | VN            | NT               | 5.91           | 0.003144        | ±2.5        | PASS    |
| GSM1900  | 661     | VL            | NT               | 5.26           | 0.002798        | ±2.5        | PASS    |
| GSM1900  | 661     | VH            | NT               | 9.52           | 0.005064        | ±2.5        | PASS    |
| GSM1900  | 810     | VN            | NT               | 11.56          | 0.006053        | ±2.5        | PASS    |
| GSM1900  | 810     | VL            | NT               | 7.30           | 0.003822        | ±2.5        | PASS    |

|           |     |    |    |       |          |      |      |
|-----------|-----|----|----|-------|----------|------|------|
| GSM1900   | 810 | VH | NT | 2.10  | 0.001100 | ±2.5 | PASS |
| GPRS1900  | 512 | VN | NT | 5.84  | 0.003156 | ±2.5 | PASS |
| GPRS1900  | 512 | VL | NT | 5.13  | 0.002773 | ±2.5 | PASS |
| GPRS1900  | 512 | VH | NT | 7.55  | 0.004081 | ±2.5 | PASS |
| GPRS1900  | 661 | VN | NT | 5.10  | 0.002713 | ±2.5 | PASS |
| GPRS1900  | 661 | VL | NT | 2.91  | 0.001548 | ±2.5 | PASS |
| GPRS1900  | 661 | VH | NT | 3.00  | 0.001596 | ±2.5 | PASS |
| GPRS1900  | 810 | VN | NT | 6.49  | 0.003398 | ±2.5 | PASS |
| GPRS1900  | 810 | VL | NT | 6.68  | 0.003498 | ±2.5 | PASS |
| GPRS1900  | 810 | VH | NT | 6.30  | 0.003299 | ±2.5 | PASS |
| EGPRS1900 | 512 | VN | NT | 13.17 | 0.007118 | ±2.5 | PASS |
| EGPRS1900 | 512 | VL | NT | 10.33 | 0.005583 | ±2.5 | PASS |
| EGPRS1900 | 512 | VH | NT | 16.30 | 0.008810 | ±2.5 | PASS |
| EGPRS1900 | 661 | VN | NT | 17.85 | 0.009495 | ±2.5 | PASS |
| EGPRS1900 | 661 | VL | NT | 8.68  | 0.004617 | ±2.5 | PASS |
| EGPRS1900 | 661 | VH | NT | 8.88  | 0.004723 | ±2.5 | PASS |
| EGPRS1900 | 810 | VN | NT | 10.20 | 0.005341 | ±2.5 | PASS |
| EGPRS1900 | 810 | VL | NT | 5.91  | 0.003095 | ±2.5 | PASS |
| EGPRS1900 | 810 | VH | NT | 9.75  | 0.005105 | ±2.5 | PASS |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850      | 128     | NV            | -30              | 3.23           | 0.003919        | ±2.5        | PASS    |
| GSM850      | 128     | NV            | -20              | 0.16           | 0.000194        | ±2.5        | PASS    |
| GSM850      | 128     | NV            | -10              | 2.62           | 0.003179        | ±2.5        | PASS    |
| GSM850      | 128     | NV            | 0                | 4.16           | 0.005047        | ±2.5        | PASS    |
| GSM850      | 128     | NV            | 10               | 1.81           | 0.002196        | ±2.5        | PASS    |
| GSM850      | 128     | NV            | 20               | -2.13          | -0.002584       | ±2.5        | PASS    |
| GSM850      | 128     | NV            | 30               | -8.46          | -0.010264       | ±2.5        | PASS    |
| GSM850      | 128     | NV            | 40               | -5.62          | -0.006819       | ±2.5        | PASS    |
| GSM850      | 128     | NV            | 50               | -8.49          | -0.010301       | ±2.5        | PASS    |
| GSM850      | 190     | NV            | -30              | 0.90           | 0.001076        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | -20              | 1.81           | 0.002164        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | -10              | 3.20           | 0.003825        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 0                | 2.87           | 0.003431        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 10               | 2.78           | 0.003323        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 20               | 2.20           | 0.002630        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 30               | 1.13           | 0.001351        | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 40               | -1.94          | -0.002319       | ±2.5        | PASS    |
| GSM850      | 190     | NV            | 50               | -0.03          | -0.000036       | ±2.5        | PASS    |
| GSM850      | 251     | NV            | -30              | -0.45          | -0.000530       | ±2.5        | PASS    |

|          |     |    |     |       |           |      |      |
|----------|-----|----|-----|-------|-----------|------|------|
| GSM850   | 251 | NV | -20 | -1.58 | -0.001861 | ±2.5 | PASS |
| GSM850   | 251 | NV | -10 | -1.78 | -0.002097 | ±2.5 | PASS |
| GSM850   | 251 | NV | 0   | 3.10  | 0.003652  | ±2.5 | PASS |
| GSM850   | 251 | NV | 10  | -1.00 | -0.001178 | ±2.5 | PASS |
| GSM850   | 251 | NV | 20  | -0.03 | -0.000035 | ±2.5 | PASS |
| GSM850   | 251 | NV | 30  | -7.01 | -0.008259 | ±2.5 | PASS |
| GSM850   | 251 | NV | 40  | -7.59 | -0.008942 | ±2.5 | PASS |
| GSM850   | 251 | NV | 50  | -4.00 | -0.004713 | ±2.5 | PASS |
| GPRS850  | 128 | NV | -30 | 0.77  | 0.000934  | ±2.5 | PASS |
| GPRS850  | 128 | NV | -20 | -5.42 | -0.006576 | ±2.5 | PASS |
| GPRS850  | 128 | NV | -10 | -1.71 | -0.002075 | ±2.5 | PASS |
| GPRS850  | 128 | NV | 0   | -0.45 | -0.000546 | ±2.5 | PASS |
| GPRS850  | 128 | NV | 10  | -4.84 | -0.005872 | ±2.5 | PASS |
| GPRS850  | 128 | NV | 20  | -2.20 | -0.002669 | ±2.5 | PASS |
| GPRS850  | 128 | NV | 30  | -1.19 | -0.001444 | ±2.5 | PASS |
| GPRS850  | 128 | NV | 40  | -2.52 | -0.003058 | ±2.5 | PASS |
| GPRS850  | 128 | NV | 50  | -2.32 | -0.002815 | ±2.5 | PASS |
| GPRS850  | 190 | NV | -30 | 0.23  | 0.000275  | ±2.5 | PASS |
| GPRS850  | 190 | NV | -20 | -2.91 | -0.003478 | ±2.5 | PASS |
| GPRS850  | 190 | NV | -10 | -2.52 | -0.003012 | ±2.5 | PASS |
| GPRS850  | 190 | NV | 0   | -0.10 | -0.000120 | ±2.5 | PASS |
| GPRS850  | 190 | NV | 10  | -0.97 | -0.001159 | ±2.5 | PASS |
| GPRS850  | 190 | NV | 20  | -3.26 | -0.003897 | ±2.5 | PASS |
| GPRS850  | 190 | NV | 30  | -0.10 | -0.000120 | ±2.5 | PASS |
| GPRS850  | 190 | NV | 40  | 1.16  | 0.001387  | ±2.5 | PASS |
| GPRS850  | 190 | NV | 50  | -0.48 | -0.000574 | ±2.5 | PASS |
| GPRS850  | 251 | NV | -30 | -2.62 | -0.003087 | ±2.5 | PASS |
| GPRS850  | 251 | NV | -20 | -5.39 | -0.006350 | ±2.5 | PASS |
| GPRS850  | 251 | NV | -10 | -3.52 | -0.004147 | ±2.5 | PASS |
| GPRS850  | 251 | NV | 0   | -2.29 | -0.002698 | ±2.5 | PASS |
| GPRS850  | 251 | NV | 10  | -3.75 | -0.004418 | ±2.5 | PASS |
| GPRS850  | 251 | NV | 20  | -2.26 | -0.002663 | ±2.5 | PASS |
| GPRS850  | 251 | NV | 30  | -1.45 | -0.001708 | ±2.5 | PASS |
| GPRS850  | 251 | NV | 40  | -3.71 | -0.004371 | ±2.5 | PASS |
| GPRS850  | 251 | NV | 50  | -0.68 | -0.000801 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -30 | 3.13  | 0.003798  | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -20 | -2.07 | -0.002512 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -10 | -1.49 | -0.001808 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 0   | -1.65 | -0.002002 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 10  | -1.84 | -0.002232 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 20  | -3.71 | -0.004501 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 30  | -3.00 | -0.003640 | ±2.5 | PASS |

|          |     |    |     |        |           |      |      |
|----------|-----|----|-----|--------|-----------|------|------|
| EGPRS850 | 128 | NV | 40  | -1.61  | -0.001953 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 50  | 0.23   | 0.000279  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -30 | 0.00   | 0.000000  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -20 | 1.81   | 0.002164  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -10 | -4.46  | -0.005331 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 0   | -2.42  | -0.002893 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 10  | 1.74   | 0.002080  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 20  | 1.29   | 0.001542  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 30  | 2.13   | 0.002546  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 40  | 0.26   | 0.000311  | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 50  | -1.19  | -0.001422 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -30 | -4.26  | -0.005019 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -20 | -1.45  | -0.001708 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -10 | -0.71  | -0.000836 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 0   | -2.58  | -0.003040 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 10  | -0.94  | -0.001107 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 20  | -2.45  | -0.002886 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 30  | 0.26   | 0.000306  | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 40  | -3.49  | -0.004112 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 50  | 2.29   | 0.002698  | ±2.5 | PASS |
| GSM1900  | 512 | NV | -30 | 8.39   | 0.004535  | ±2.5 | PASS |
| GSM1900  | 512 | NV | -20 | 7.17   | 0.003875  | ±2.5 | PASS |
| GSM1900  | 512 | NV | -10 | 9.98   | 0.005394  | ±2.5 | PASS |
| GSM1900  | 512 | NV | 0   | 9.88   | 0.005340  | ±2.5 | PASS |
| GSM1900  | 512 | NV | 10  | 10.33  | 0.005583  | ±2.5 | PASS |
| GSM1900  | 512 | NV | 20  | -16.27 | -0.008794 | ±2.5 | PASS |
| GSM1900  | 512 | NV | 30  | -19.27 | -0.010415 | ±2.5 | PASS |
| GSM1900  | 512 | NV | 40  | -14.59 | -0.007886 | ±2.5 | PASS |
| GSM1900  | 512 | NV | 50  | -19.76 | -0.010680 | ±2.5 | PASS |
| GSM1900  | 661 | NV | -30 | 7.72   | 0.004106  | ±2.5 | PASS |
| GSM1900  | 661 | NV | -20 | 11.01  | 0.005856  | ±2.5 | PASS |
| GSM1900  | 661 | NV | -10 | 6.68   | 0.003553  | ±2.5 | PASS |
| GSM1900  | 661 | NV | 0   | 8.46   | 0.004500  | ±2.5 | PASS |
| GSM1900  | 661 | NV | 10  | 3.78   | 0.002011  | ±2.5 | PASS |
| GSM1900  | 661 | NV | 20  | 8.30   | 0.004415  | ±2.5 | PASS |
| GSM1900  | 661 | NV | 30  | -8.07  | -0.004293 | ±2.5 | PASS |
| GSM1900  | 661 | NV | 40  | -14.72 | -0.007830 | ±2.5 | PASS |
| GSM1900  | 661 | NV | 50  | -14.85 | -0.007899 | ±2.5 | PASS |
| GSM1900  | 810 | NV | -30 | 5.26   | 0.002754  | ±2.5 | PASS |
| GSM1900  | 810 | NV | -20 | 4.42   | 0.002314  | ±2.5 | PASS |
| GSM1900  | 810 | NV | -10 | 5.13   | 0.002686  | ±2.5 | PASS |
| GSM1900  | 810 | NV | 0   | 7.23   | 0.003786  | ±2.5 | PASS |

|           |     |    |     |        |           |      |      |
|-----------|-----|----|-----|--------|-----------|------|------|
| GSM1900   | 810 | NV | 10  | 7.43   | 0.003890  | ±2.5 | PASS |
| GSM1900   | 810 | NV | 20  | 7.78   | 0.004074  | ±2.5 | PASS |
| GSM1900   | 810 | NV | 30  | -7.36  | -0.003854 | ±2.5 | PASS |
| GSM1900   | 810 | NV | 40  | -12.30 | -0.006440 | ±2.5 | PASS |
| GSM1900   | 810 | NV | 50  | -13.33 | -0.006980 | ±2.5 | PASS |
| GPRS1900  | 512 | NV | -30 | 4.88   | 0.002638  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | -20 | 4.55   | 0.002459  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | -10 | 9.10   | 0.004918  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | 0   | 9.98   | 0.005394  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | 10  | 0.48   | 0.000259  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | 20  | 3.52   | 0.001902  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | 30  | 4.04   | 0.002184  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | 40  | 1.07   | 0.000578  | ±2.5 | PASS |
| GPRS1900  | 512 | NV | 50  | 6.72   | 0.003632  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | -30 | 1.94   | 0.001032  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | -20 | 2.39   | 0.001271  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | -10 | 1.52   | 0.000809  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | 0   | 5.49   | 0.002920  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | 10  | 7.72   | 0.004106  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | 20  | 2.87   | 0.001527  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | 30  | -1.68  | -0.000894 | ±2.5 | PASS |
| GPRS1900  | 661 | NV | 40  | 3.75   | 0.001995  | ±2.5 | PASS |
| GPRS1900  | 661 | NV | 50  | 12.88  | 0.006851  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | -30 | 4.81   | 0.002519  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | -20 | 4.04   | 0.002115  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | -10 | 3.52   | 0.001843  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | 0   | 5.36   | 0.002807  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | 10  | 7.07   | 0.003702  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | 20  | 5.49   | 0.002875  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | 30  | 6.10   | 0.003194  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | 40  | 5.04   | 0.002639  | ±2.5 | PASS |
| GPRS1900  | 810 | NV | 50  | 4.78   | 0.002503  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -30 | 14.82  | 0.008010  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -20 | 16.01  | 0.008653  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -10 | 20.18  | 0.010907  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 0   | 19.18  | 0.010366  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 10  | 16.11  | 0.008707  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 20  | 16.18  | 0.008745  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 30  | 21.50  | 0.011620  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 40  | 25.63  | 0.013853  | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 50  | 28.93  | 0.015636  | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -30 | 12.72  | 0.006766  | ±2.5 | PASS |

|           |     |    |     |       |          |      |      |
|-----------|-----|----|-----|-------|----------|------|------|
| EGPRS1900 | 661 | NV | -20 | 14.59 | 0.007761 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -10 | 19.27 | 0.010250 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 0   | 12.11 | 0.006441 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 10  | 10.20 | 0.005426 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 20  | 12.17 | 0.006473 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 30  | 12.33 | 0.006559 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 40  | 11.49 | 0.006112 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 50  | 19.18 | 0.010202 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | -30 | 10.72 | 0.005613 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | -20 | 12.59 | 0.006592 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | -10 | 13.92 | 0.007289 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 0   | 8.81  | 0.004613 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 10  | 9.91  | 0.005189 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 20  | 10.14 | 0.005309 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 30  | 11.82 | 0.006189 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 40  | 8.94  | 0.004681 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 50  | 19.31 | 0.010111 | ±2.5 | PASS |

## Appendix G: ERP and EIRP

### Test Result

FCC

| Band   | Mode  | Conducted Power<br>(dBm) | Antenna Gain<br>(dBi) | ERP   |        | Limit<br>(W) | Verdict |
|--------|-------|--------------------------|-----------------------|-------|--------|--------------|---------|
|        |       |                          |                       | (dBm) | (W)    |              |         |
| GSM850 | GSM   | 34.67                    | 0.26                  | 32.78 | 1.8967 | 7            | PASS    |
|        | GPRS  | 34.63                    | 0.26                  | 32.74 | 1.8793 | 7            | PASS    |
|        | EGPRS | 29.07                    | 0.26                  | 27.18 | 0.5224 | 7            | PASS    |

| Band    | Mode  | Conducted Power<br>(dBm) | Antenna Gain<br>(dBi) | EIRP  |        | Limit<br>(W) | Verdict |
|---------|-------|--------------------------|-----------------------|-------|--------|--------------|---------|
|         |       |                          |                       | (dBm) | (W)    |              |         |
| GSM1900 | GSM   | 31.56                    | 0.72                  | 32.28 | 1.6904 | 2            | PASS    |
|         | GPRS  | 31.41                    | 0.72                  | 32.13 | 1.6331 | 2            | PASS    |
|         | EGPRS | 26.75                    | 0.72                  | 27.47 | 0.5585 | 2            | PASS    |

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