

## **Appendix for GSM850**

Product Name: Mobile Phone  
Model No: VISION

## Appendix A: Average Power Output Data

### Test Result

| Band   | Channel | ERP/EIRP(dBm) | Limit(dBm) | Verdict |
|--------|---------|---------------|------------|---------|
| GSM850 | 128     | 32.77         | 38.45      | PASS    |
| GSM850 | 190     | 32.44         | 38.45      | PASS    |
| GSM850 | 251     | 32.35         | 38.45      | PASS    |

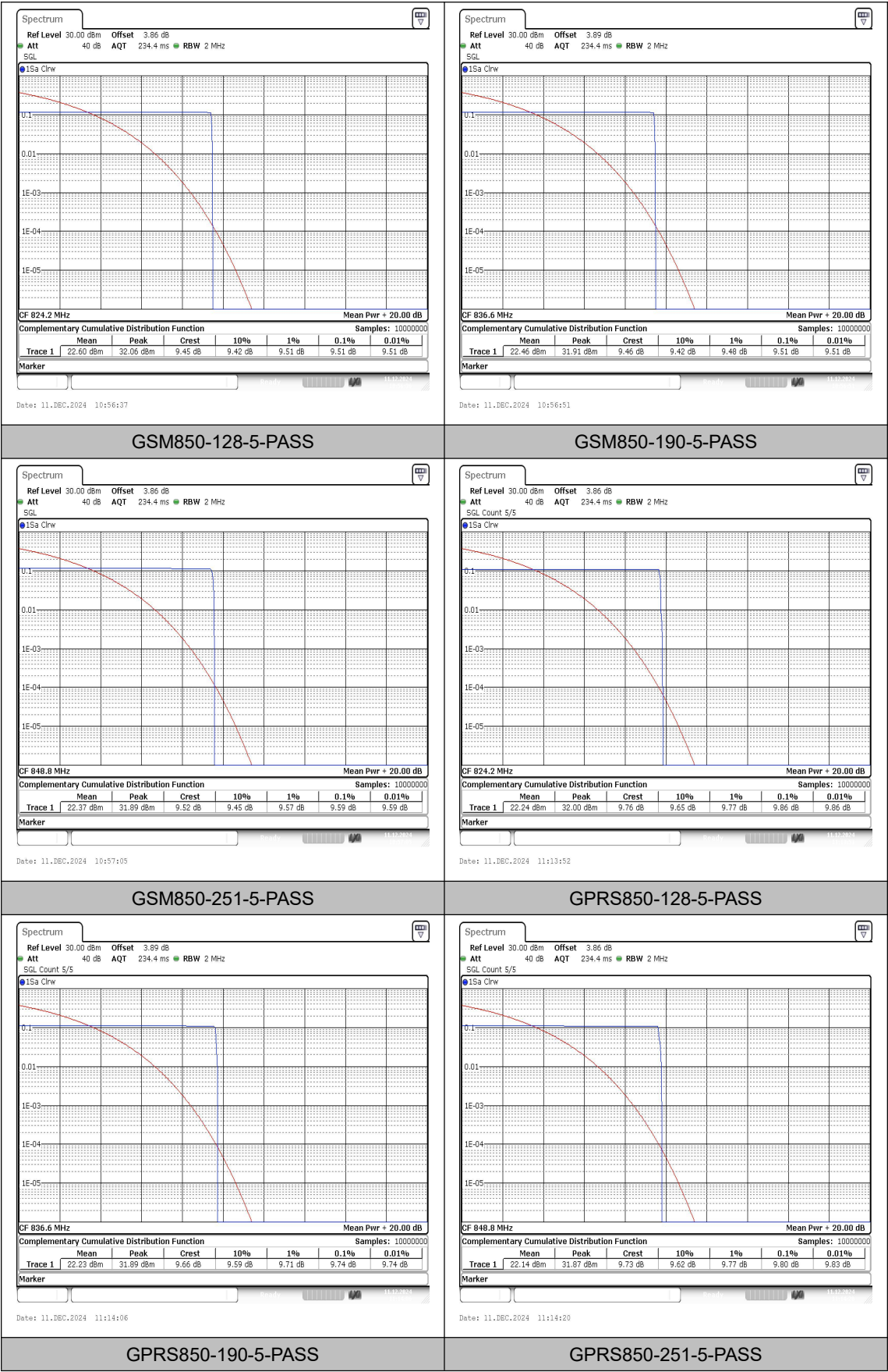
| Band    | Channel | Slot | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------|------------|------------|---------|
| GPRS850 | 128     | 1    | 32.76      | 38.45      | PASS    |
| GPRS850 | 128     | 2    | 32.13      | 38.45      | PASS    |
| GPRS850 | 128     | 3    | 30.48      | 38.45      | PASS    |
| GPRS850 | 128     | 4    | 29.33      | 38.45      | PASS    |
| GPRS850 | 190     | 1    | 32.28      | 38.45      | PASS    |
| GPRS850 | 190     | 2    | 31.82      | 38.45      | PASS    |
| GPRS850 | 190     | 3    | 30.22      | 38.45      | PASS    |
| GPRS850 | 190     | 4    | 29.12      | 38.45      | PASS    |
| GPRS850 | 251     | 1    | 32.28      | 38.45      | PASS    |
| GPRS850 | 251     | 2    | 31.72      | 38.45      | PASS    |
| GPRS850 | 251     | 3    | 30.15      | 38.45      | PASS    |
| GPRS850 | 251     | 4    | 29.06      | 38.45      | PASS    |

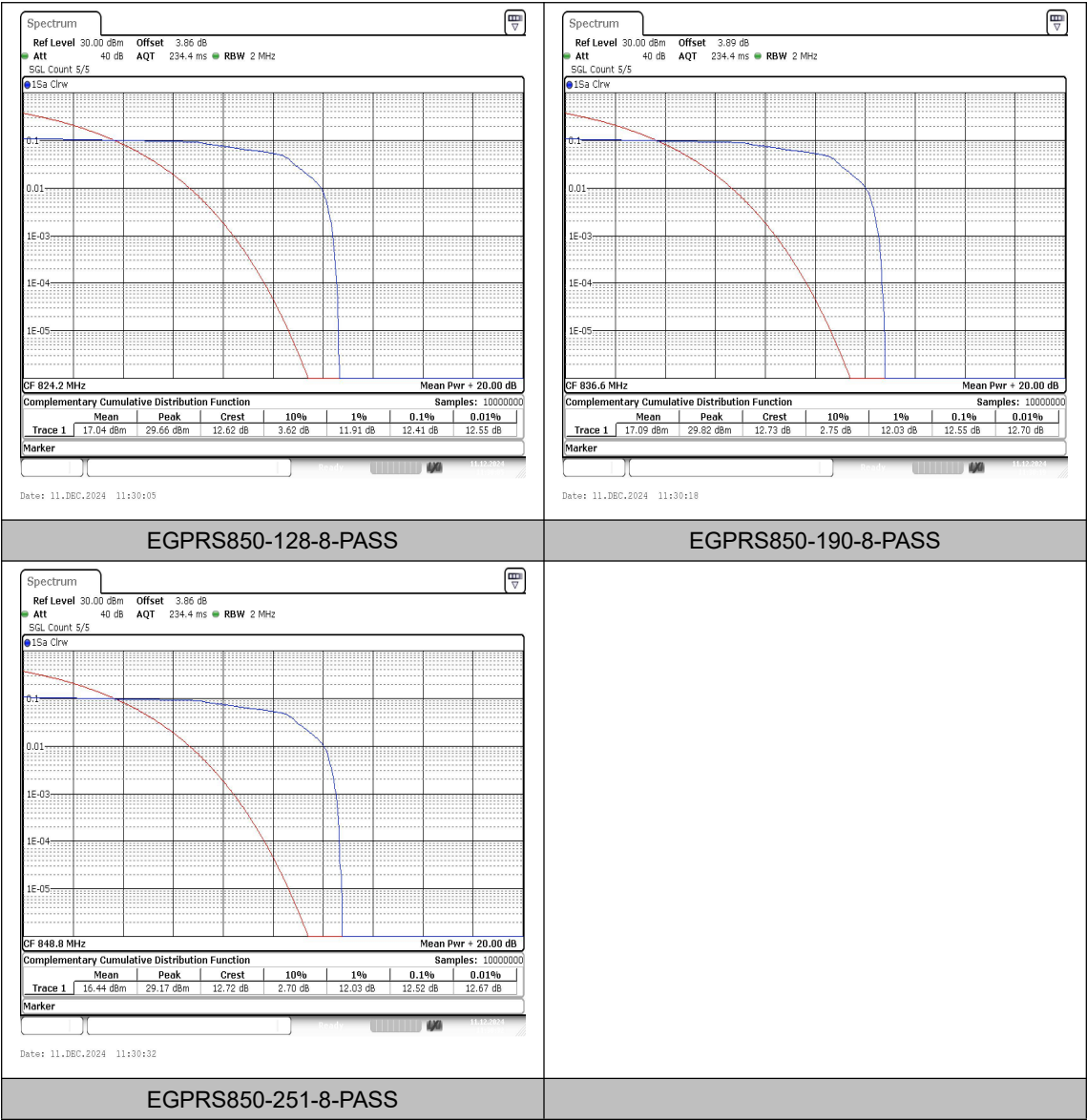
| Band     | Channel | Slot | Power(dBm) | Limit(dBm) | Verdict |
|----------|---------|------|------------|------------|---------|
| EGPRS850 | 128     | 1    | 27.46      | 38.45      | PASS    |
| EGPRS850 | 128     | 2    | 26.17      | 38.45      | PASS    |
| EGPRS850 | 128     | 3    | 23.91      | 38.45      | PASS    |
| EGPRS850 | 128     | 4    | 22.69      | 38.45      | PASS    |
| EGPRS850 | 190     | 1    | 27.10      | 38.45      | PASS    |
| EGPRS850 | 190     | 2    | 26.13      | 38.45      | PASS    |
| EGPRS850 | 190     | 3    | 23.85      | 38.45      | PASS    |
| EGPRS850 | 190     | 4    | 22.63      | 38.45      | PASS    |
| EGPRS850 | 251     | 1    | 26.58      | 38.45      | PASS    |
| EGPRS850 | 251     | 2    | 25.58      | 38.45      | PASS    |
| EGPRS850 | 251     | 3    | 23.33      | 38.45      | PASS    |
| EGPRS850 | 251     | 4    | 22.10      | 38.45      | PASS    |

**Appendix B: Peak-to-Average Ratio(CCDF)****Test Result**

| Band     | Channel | Result(dB) | Limit(dB) | Verdict |
|----------|---------|------------|-----------|---------|
| GSM850   | 128     | 9.51       | 13        | PASS    |
| GSM850   | 190     | 9.51       | 13        | PASS    |
| GSM850   | 251     | 9.59       | 13        | PASS    |
| GPRS850  | 128     | 9.86       | 13        | PASS    |
| GPRS850  | 190     | 9.74       | 13        | PASS    |
| GPRS850  | 251     | 9.80       | 13        | PASS    |
| EGPRS850 | 128     | 12.41      | 13        | PASS    |
| EGPRS850 | 190     | 12.55      | 13        | PASS    |
| EGPRS850 | 251     | 12.52      | 13        | PASS    |

Test Graphs



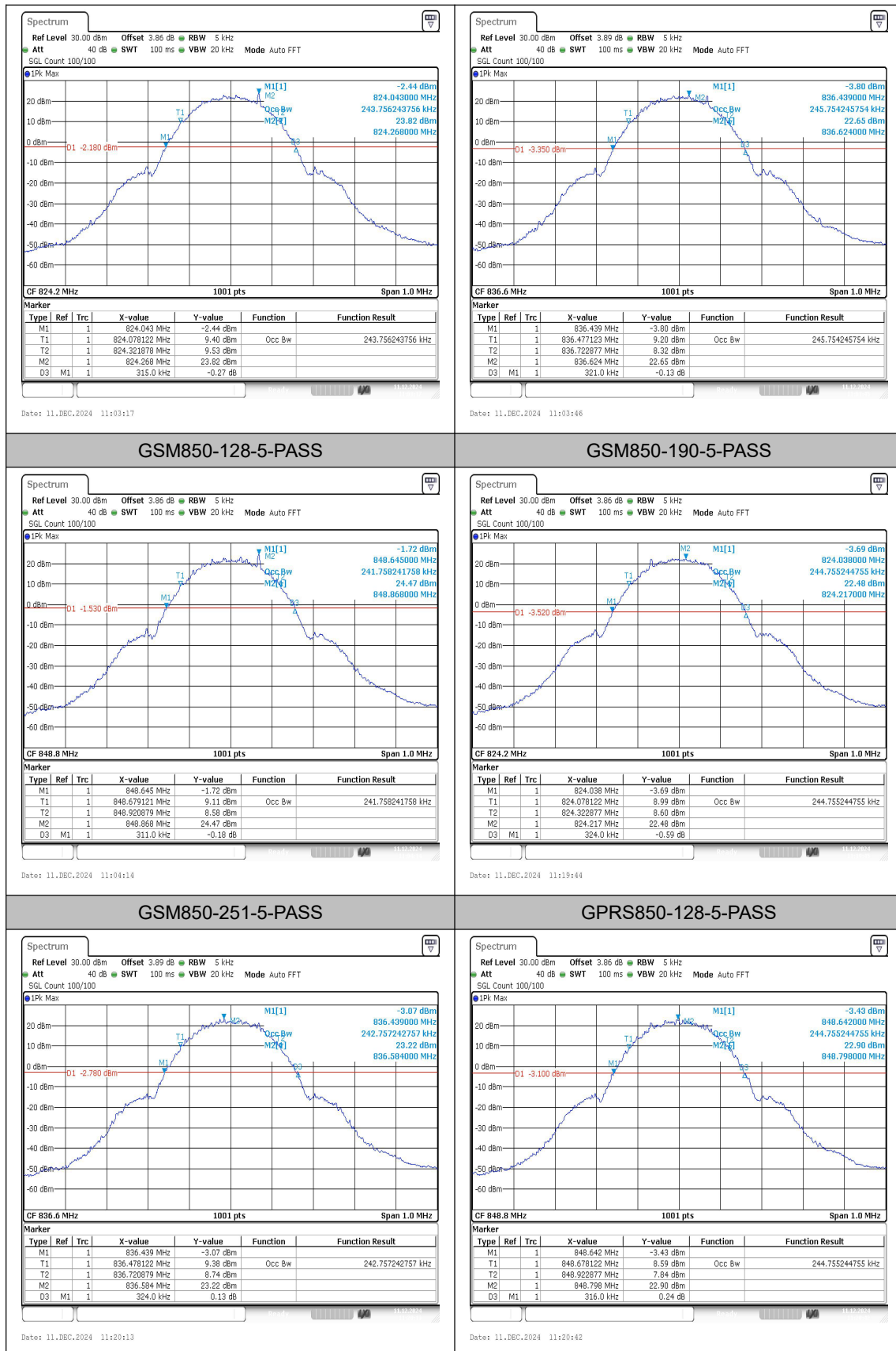


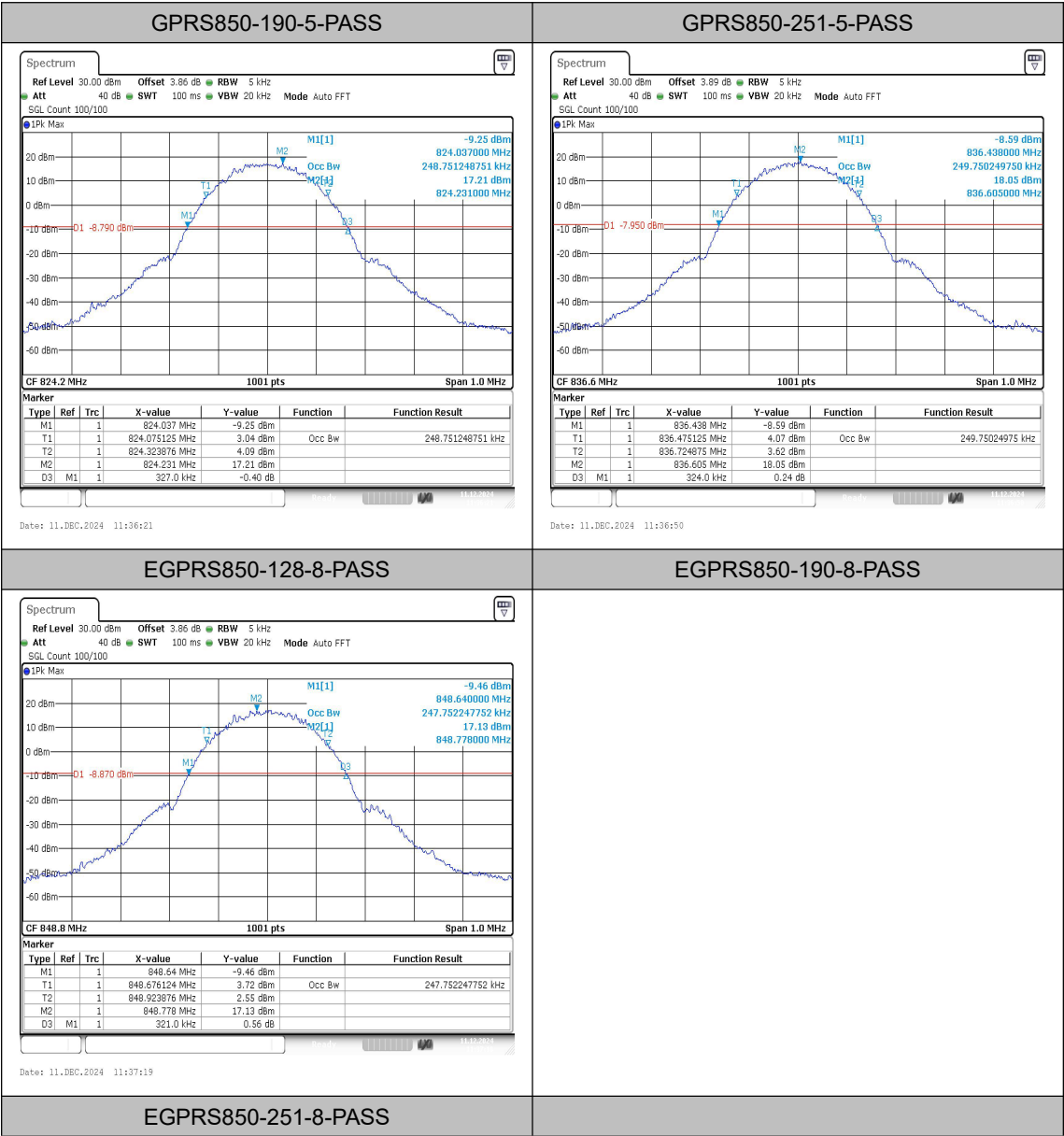
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band     | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
|----------|---------|--------------------------|----------------------|-------------|---------|
| GSM850   | 128     | 0.244                    | 0.32                 | ---         | PASS    |
| GSM850   | 190     | 0.246                    | 0.32                 | ---         | PASS    |
| GSM850   | 251     | 0.242                    | 0.31                 | ---         | PASS    |
| GPRS850  | 128     | 0.245                    | 0.32                 | ---         | PASS    |
| GPRS850  | 190     | 0.243                    | 0.32                 | ---         | PASS    |
| GPRS850  | 251     | 0.245                    | 0.32                 | ---         | PASS    |
| EGPRS850 | 128     | 0.249                    | 0.33                 | ---         | PASS    |
| EGPRS850 | 190     | 0.25                     | 0.32                 | ---         | PASS    |
| EGPRS850 | 251     | 0.248                    | 0.32                 | ---         | PASS    |

## Test Graphs







## Appendix D: Band Edge

### Test Result

| Band     | Channel | Freq (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|----------|---------|------------|--------------|------------|---------|
| GSM850   | 128     | 823.98     | -18.13       | -13        | PASS    |
| GSM850   | 251     | 849.02     | -17.47       | -13        | PASS    |
| GPRS850  | 128     | 824.00     | -17.25       | -13        | PASS    |
| GPRS850  | 251     | 849.00     | -17.44       | -13        | PASS    |
| EGPRS850 | 128     | 823.99     | -23.94       | -13        | PASS    |
| EGPRS850 | 251     | 849.00     | -28.91       | -13        | PASS    |