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Appendix B

GSM 850 & 1900



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1. Effective (Isotropic) Radiated Power Output Data

1.1. Test Result

ANT1:

| Band | Channel | Slot | Conducted Power (dBm) | ERP (dBm) | Limit(dBm) | Verdict |
|----------|---------|------|-----------------------|-----------|------------|---------|
| GSM850 | 128 | | 32.92 | 27.87 | 38.45 | PASS |
| GSM850 | 190 | | 32.95 | 27.9 | 38.45 | PASS |
| GSM850 | 251 | | 32.94 | 27.89 | 38.45 | PASS |
| EGPRS850 | 128 | 1 | 27.44 | 22.39 | 38.45 | PASS |
| EGPRS850 | 128 | 2 | 26.41 | 21.36 | 38.45 | PASS |
| EGPRS850 | 128 | 3 | 24.23 | 19.18 | 38.45 | PASS |
| EGPRS850 | 128 | 4 | 23.12 | 18.07 | 38.45 | PASS |
| EGPRS850 | 190 | 1 | 27.45 | 22.4 | 38.45 | PASS |
| EGPRS850 | 190 | 2 | 26.38 | 21.33 | 38.45 | PASS |
| EGPRS850 | 190 | 3 | 24.14 | 19.09 | 38.45 | PASS |
| EGPRS850 | 190 | 4 | 23.00 | 17.95 | 38.45 | PASS |
| EGPRS850 | 251 | 1 | 27.38 | 22.33 | 38.45 | PASS |
| EGPRS850 | 251 | 2 | 26.29 | 21.24 | 38.45 | PASS |
| EGPRS850 | 251 | 3 | 24.06 | 19.01 | 38.45 | PASS |
| EGPRS850 | 251 | 4 | 23.04 | 17.99 | 38.45 | PASS |

ANT1:

| ANTT: | | | | | | | | | |
|-----------|---------|------|-----------------------|------------|------------|---------|--|--|--|
| Band | Channel | Slot | Conducted Power (dBm) | EIRP (dBm) | Limit(dBm) | Verdict | | | |
| GSM1900 | 512 | | 29.56 | 29.79 | 33.00 | PASS | | | |
| GSM1900 | 661 | | 29.52 | 29.75 | 33.00 | PASS | | | |
| GSM1900 | 810 | | 29.54 | 29.77 | 33.00 | PASS | | | |
| EGPRS1900 | 512 | 1 | 24.39 | 24.62 | 33.00 | PASS | | | |
| EGPRS1900 | 512 | 2 | 23.03 | 23.26 | 33.00 | PASS | | | |
| EGPRS1900 | 512 | 3 | 20.55 | 20.78 | 33.00 | PASS | | | |
| EGPRS1900 | 512 | 4 | 19.14 | 19.37 | 33.00 | PASS | | | |
| EGPRS1900 | 661 | 1 | 24.45 | 24.68 | 33.00 | PASS | | | |
| EGPRS1900 | 661 | 2 | 23.08 | 23.31 | 33.00 | PASS | | | |
| EGPRS1900 | 661 | 3 | 20.59 | 20.82 | 33.00 | PASS | | | |
| EGPRS1900 | 661 | 4 | 19.07 | 19.3 | 33.00 | PASS | | | |
| EGPRS1900 | 810 | 1 | 24.41 | 24.64 | 33.00 | PASS | | | |
| EGPRS1900 | 810 | 2 | 23.15 | 23.38 | 33.00 | PASS | | | |
| EGPRS1900 | 810 | 3 | 20.50 | 20.73 | 33.00 | PASS | | | |
| EGPRS1900 | 810 | 4 | 19.11 | 19.34 | 33.00 | PASS | | | |



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ANT4:

| Band | Channel | Slot | Conducted Power (dBm) | ERP (dBm) | Limit(dBm) | Verdict |
|----------|---------|------|-----------------------|-----------|------------|---------|
| GSM850 | 128 | | 33.02 | 27.77 | 38.45 | PASS |
| GSM850 | 190 | | 33.00 | 27.75 | 38.45 | PASS |
| GSM850 | 251 | | 32.97 | 27.72 | 38.45 | PASS |
| EGPRS850 | 128 | 1 | 27.43 | 22.18 | 38.45 | PASS |
| EGPRS850 | 128 | 2 | 26.44 | 21.19 | 38.45 | PASS |
| EGPRS850 | 128 | 3 | 24.21 | 18.96 | 38.45 | PASS |
| EGPRS850 | 128 | 4 | 22.93 | 17.68 | 38.45 | PASS |
| EGPRS850 | 190 | 1 | 27.45 | 22.2 | 38.45 | PASS |
| EGPRS850 | 190 | 2 | 26.38 | 21.13 | 38.45 | PASS |
| EGPRS850 | 190 | 3 | 24.30 | 19.05 | 38.45 | PASS |
| EGPRS850 | 190 | 4 | 23.00 | 17.75 | 38.45 | PASS |
| EGPRS850 | 251 | 1 | 27.43 | 22.18 | 38.45 | PASS |
| EGPRS850 | 251 | 2 | 26.29 | 21.04 | 38.45 | PASS |
| EGPRS850 | 251 | 3 | 24.40 | 19.15 | 38.45 | PASS |
| EGPRS850 | 251 | 4 | 22.99 | 17.74 | 38.45 | PASS |

ANT4:

| Band | Channel | Slot | Conducted Power (dBm) | EIRP (dBm) | Limit(dBm) | Verdict |
|-----------|---------|------|-----------------------|------------|------------|---------|
| GSM1900 | 512 | | 29.70 | 25.5 | 33.00 | PASS |
| GSM1900 | 661 | | 29.67 | 25.47 | 33.00 | PASS |
| GSM1900 | 810 | | 29.63 | 25.43 | 33.00 | PASS |
| EGPRS1900 | 512 | 1 | 24.43 | 20.23 | 33.00 | PASS |
| EGPRS1900 | 512 | 2 | 23.00 | 18.8 | 33.00 | PASS |
| EGPRS1900 | 512 | 3 | 20.64 | 16.44 | 33.00 | PASS |
| EGPRS1900 | 512 | 4 | 19.09 | 14.89 | 33.00 | PASS |
| EGPRS1900 | 661 | 1 | 24.50 | 20.3 | 33.00 | PASS |
| EGPRS1900 | 661 | 2 | 22.90 | 18.7 | 33.00 | PASS |
| EGPRS1900 | 661 | 3 | 20.58 | 16.38 | 33.00 | PASS |
| EGPRS1900 | 661 | 4 | 19.08 | 14.88 | 33.00 | PASS |
| EGPRS1900 | 810 | 1 | 24.49 | 20.29 | 33.00 | PASS |
| EGPRS1900 | 810 | 2 | 22.93 | 18.73 | 33.00 | PASS |
| EGPRS1900 | 810 | 3 | 20.65 | 16.45 | 33.00 | PASS |
| EGPRS1900 | 810 | 4 | 19.17 | 14.97 | 33.00 | PASS |

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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2. Peak-to-Average Ratio

2.1. Test Result

| Band | Channel | Result(dB) | Limit(dB) | Verdict |
|-----------|---------|------------|-----------|---------|
| GSM850 | 128 | 9.71 | 13 | PASS |
| GSM850 | 190 | 8.87 | 13 | PASS |
| GSM850 | 251 | 8.87 | 13 | PASS |
| EGPRS850 | 128 | 12.46 | 13 | PASS |
| EGPRS850 | 190 | 12.49 | 13 | PASS |
| EGPRS850 | 251 | 12.52 | 13 | PASS |
| GSM1900 | 512 | 8.93 | 13 | PASS |
| GSM1900 | 661 | 8.9 | 13 | PASS |
| GSM1900 | 810 | 8.96 | 13 | PASS |
| EGPRS1900 | 512 | 12.17 | 13 | PASS |
| EGPRS1900 | 661 | 12.58 | 13 | PASS |
| EGPRS1900 | 810 | 12.72 | 13 | PASS |

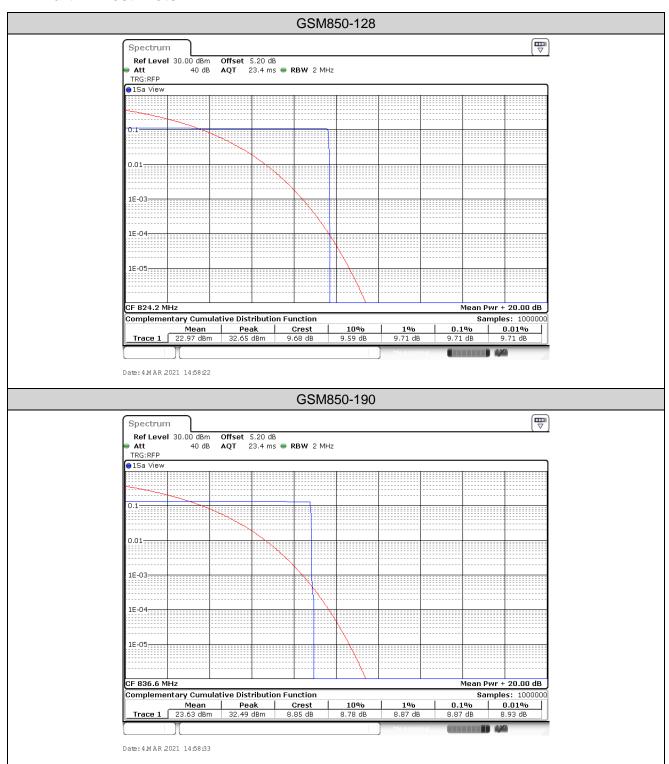


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2.2. Part II - Test Plots





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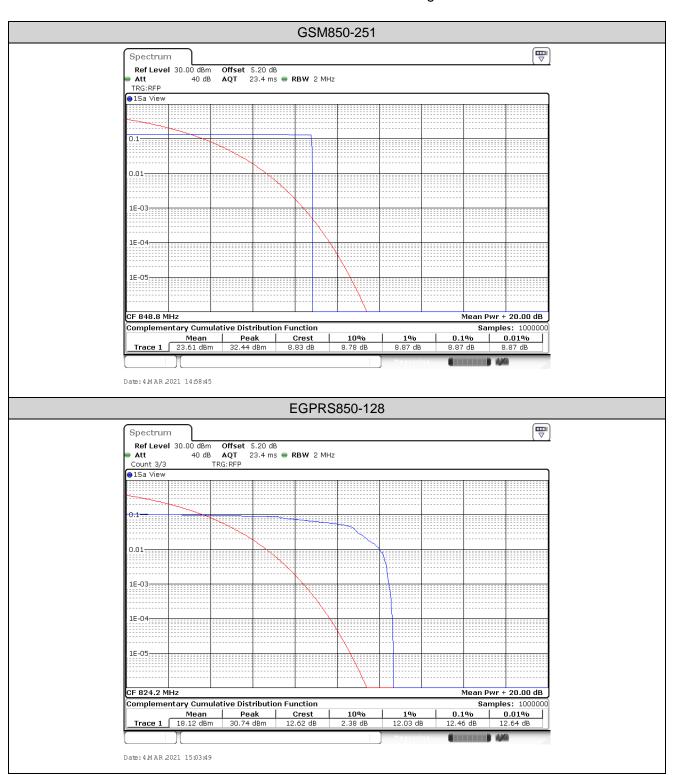
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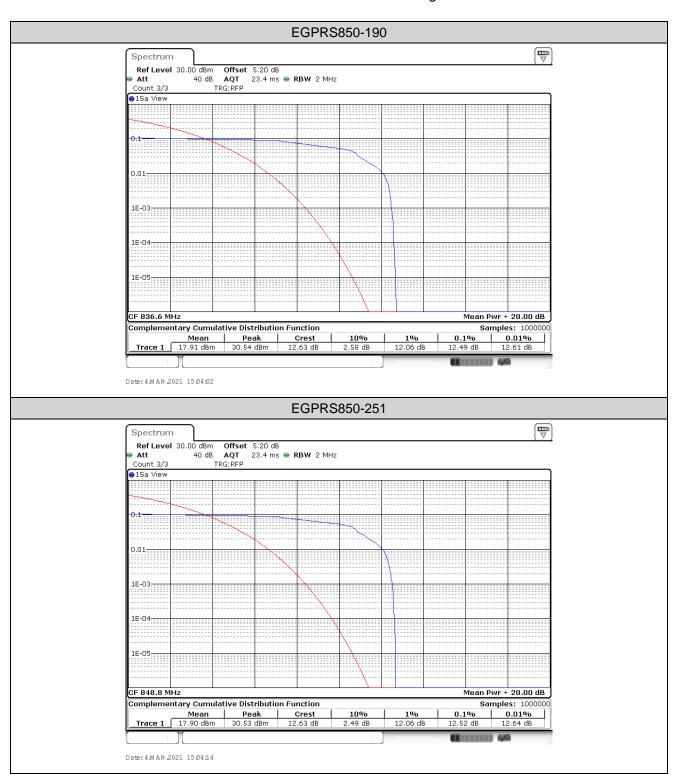
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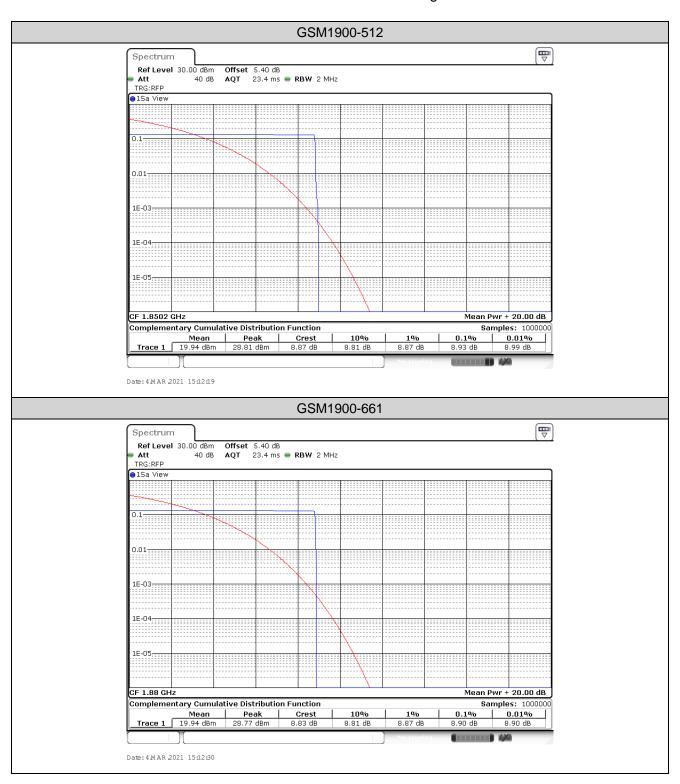
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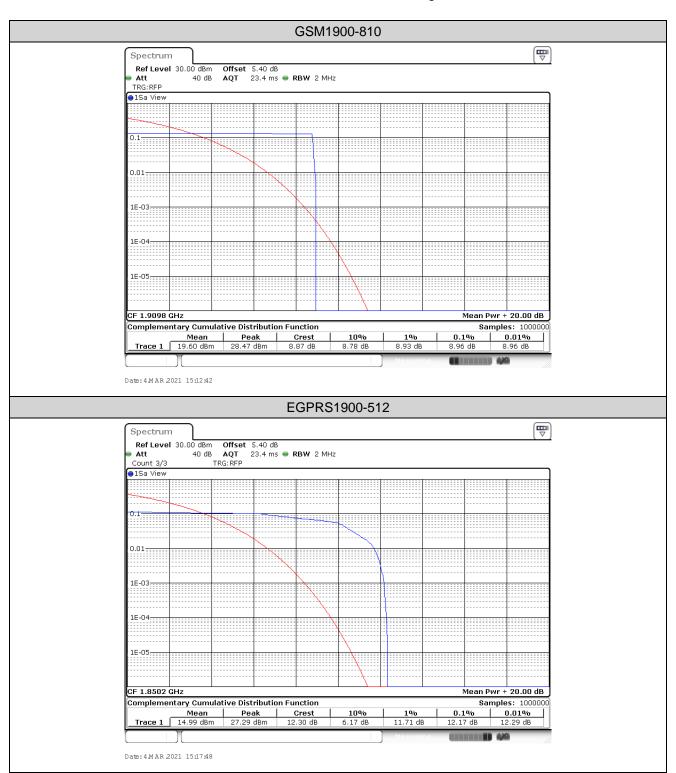
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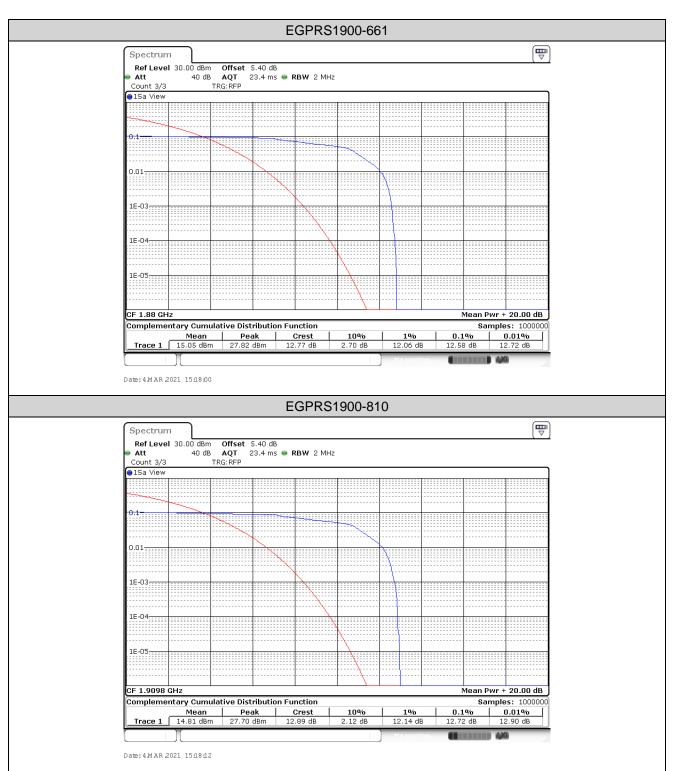
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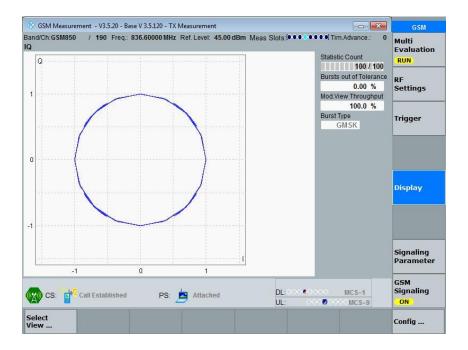
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

3.1.1.1.1. Test Channel = MCH

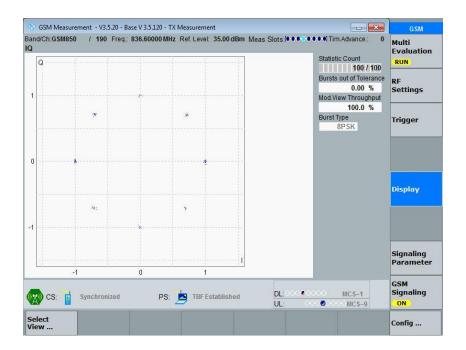




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3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH





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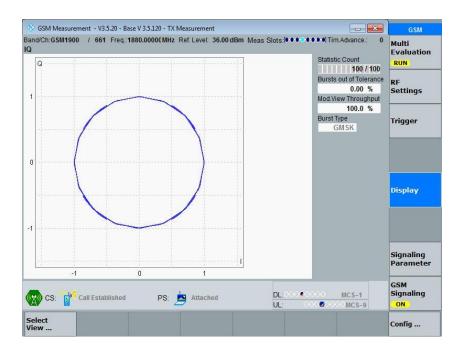
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3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

3.1.2.1.1. Test Channel = MCH





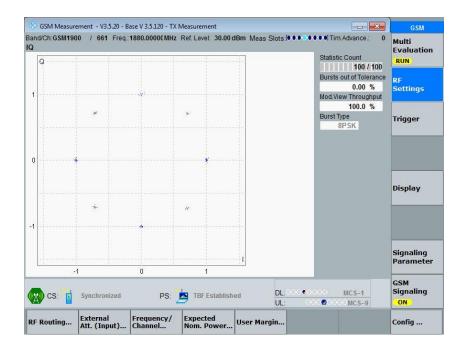
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3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH





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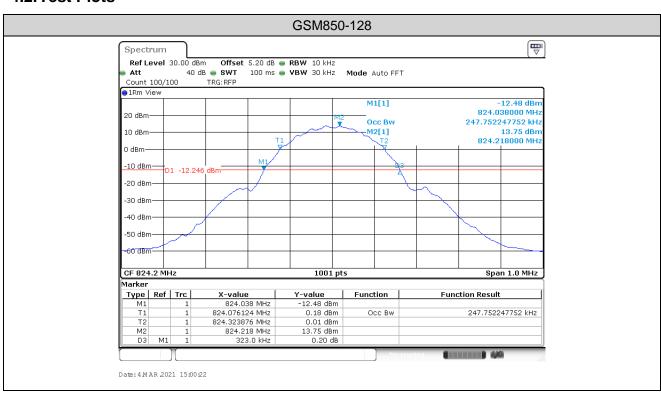
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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

| Dond | Channal | Occupied | 26dB Bandwidth | Limit | \ |
|-----------|---------|-----------------|----------------|-------|---------|
| Band | Channel | Bandwidth (MHz) | (MHz) | (MHz) | Verdict |
| GSM850 | 128 | 0.248 | 0.323 | | PASS |
| GSM850 | 190 | 0.248 | 0.323 | | PASS |
| GSM850 | 251 | 0.248 | 0.324 | | PASS |
| EGPRS850 | 128 | 0.251 | 0.324 | | PASS |
| EGPRS850 | 190 | 0.251 | 0.325 | | PASS |
| EGPRS850 | 251 | 0.251 | 0.328 | | PASS |
| GSM1900 | 512 | 0.247 | 0.322 | | PASS |
| GSM1900 | 661 | 0.247 | 0.324 | | PASS |
| GSM1900 | 810 | 0.247 | 0.323 | | PASS |
| EGPRS1900 | 512 | 0.249 | 0.322 | | PASS |
| EGPRS1900 | 661 | 0.249 | 0.323 | | PASS |
| EGPRS1900 | 810 | 0.249 | 0.319 | | PASS |

4.2. Test Plots





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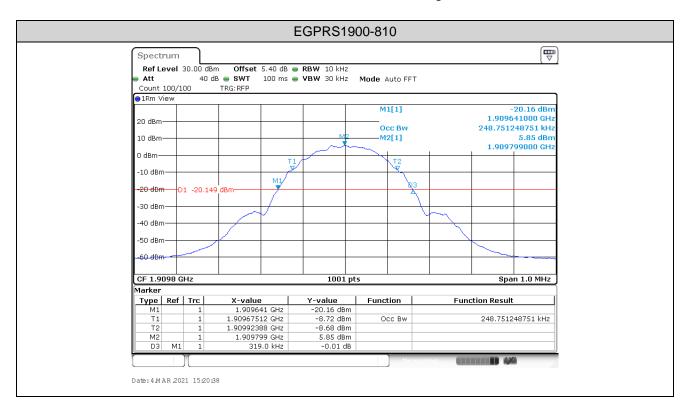
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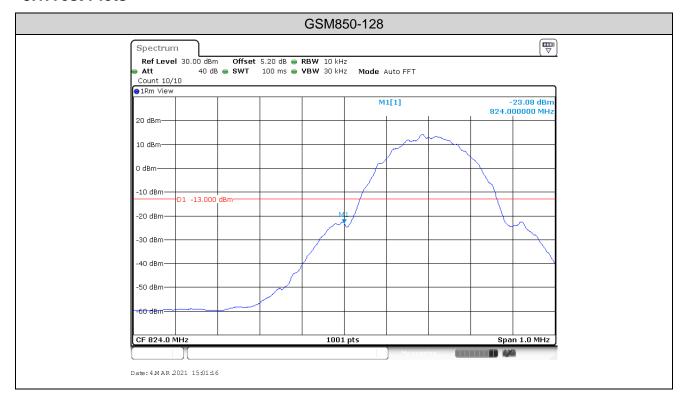
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5. Band Edge Compliance

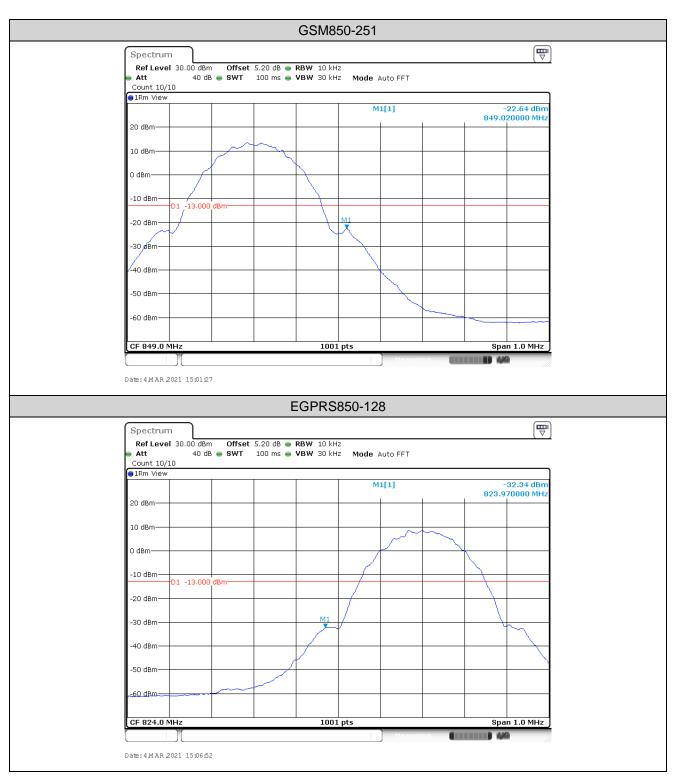
5.1. Test Plots





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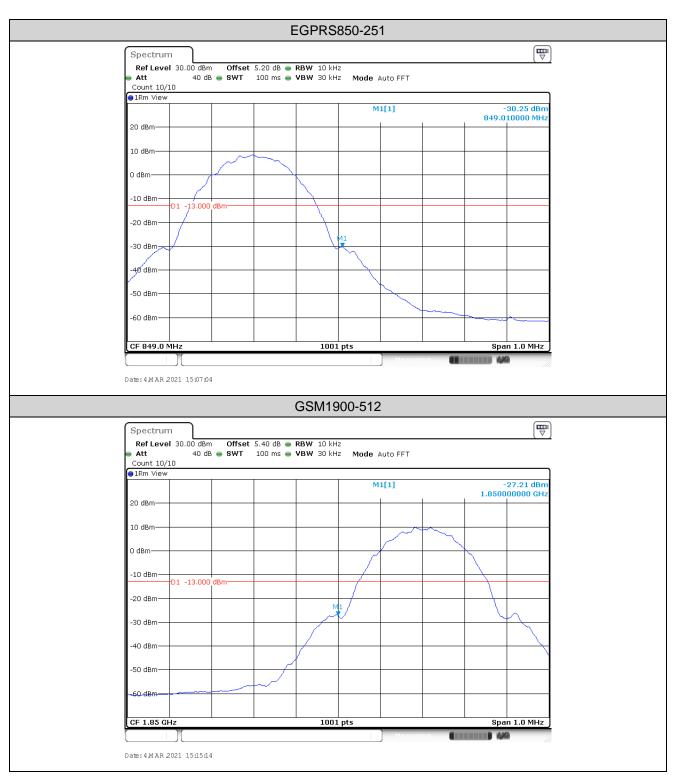
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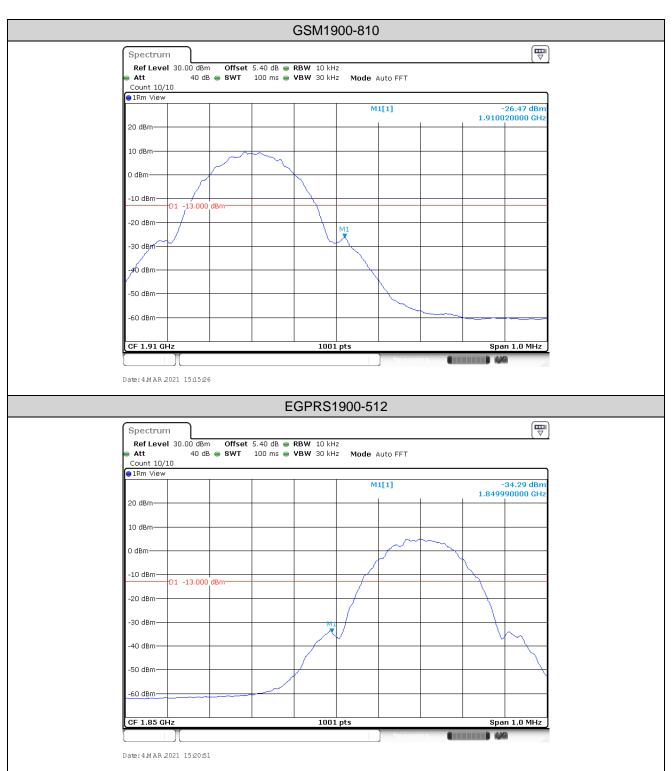
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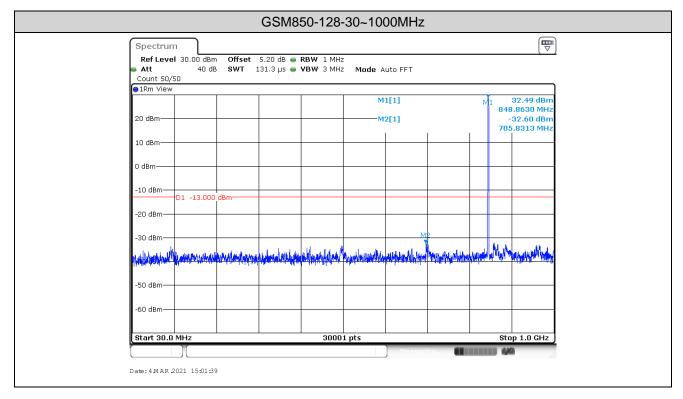
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

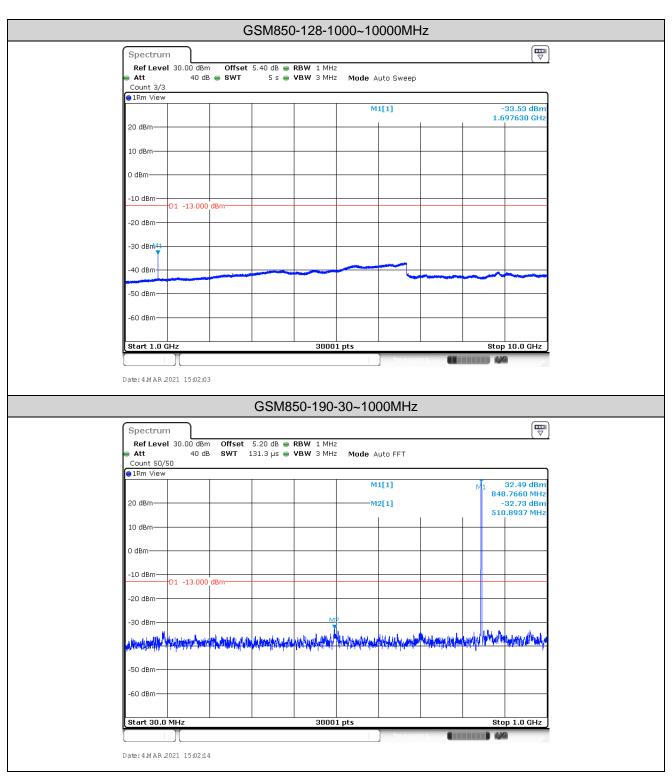






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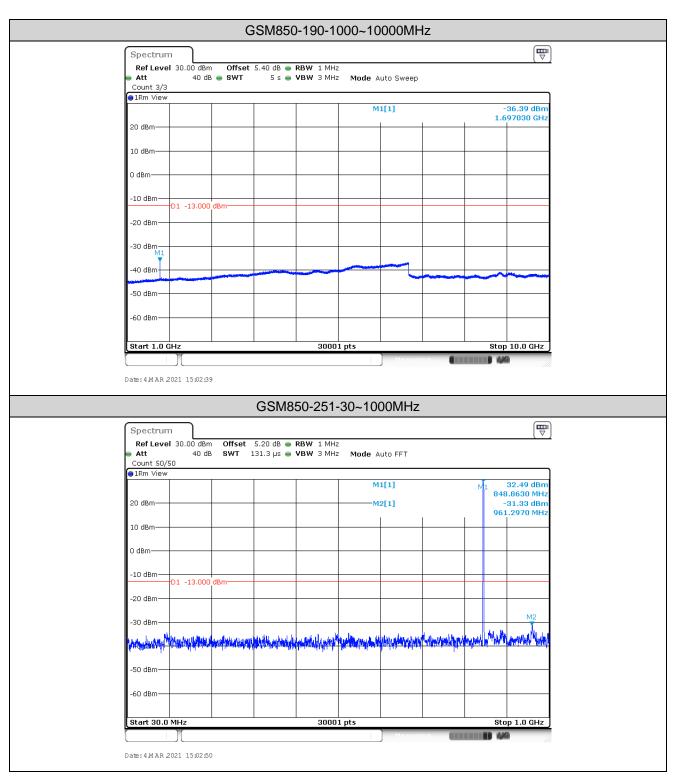
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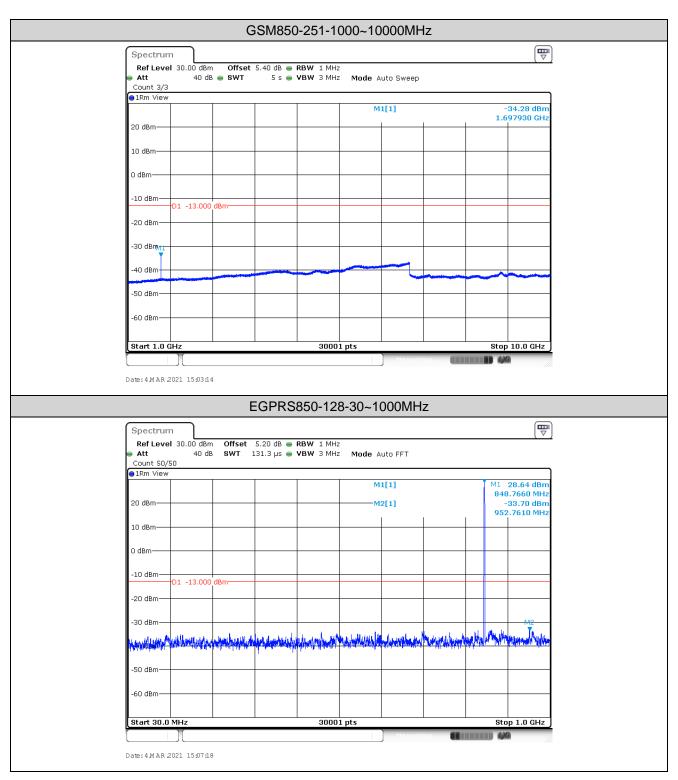
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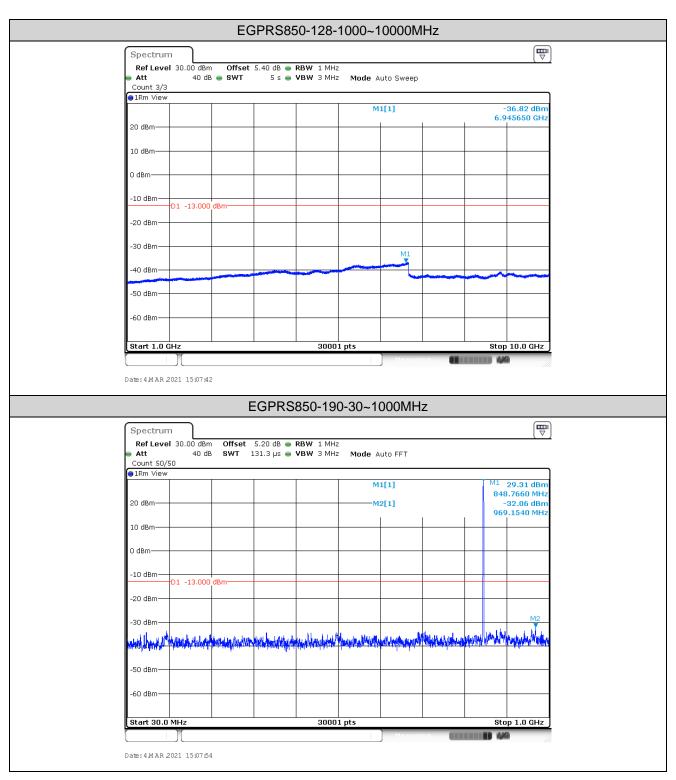
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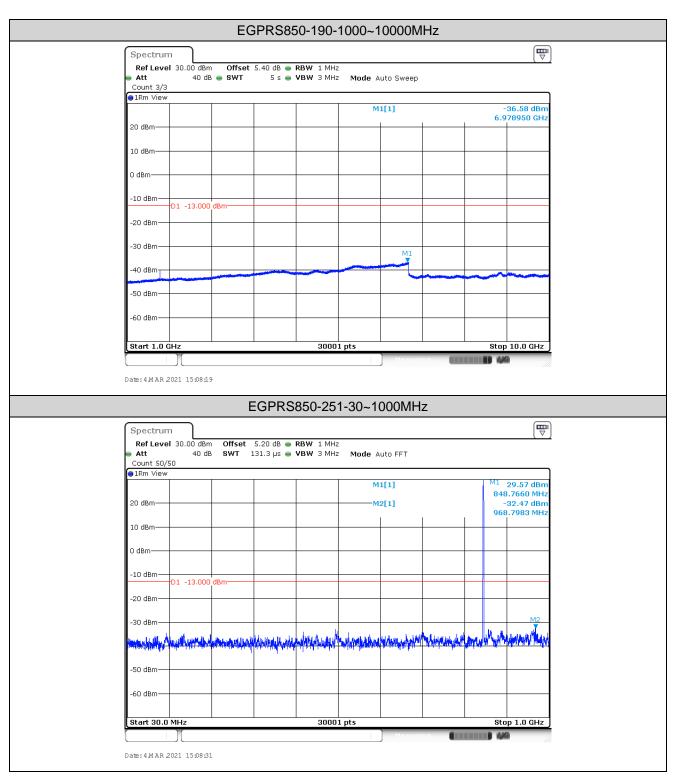
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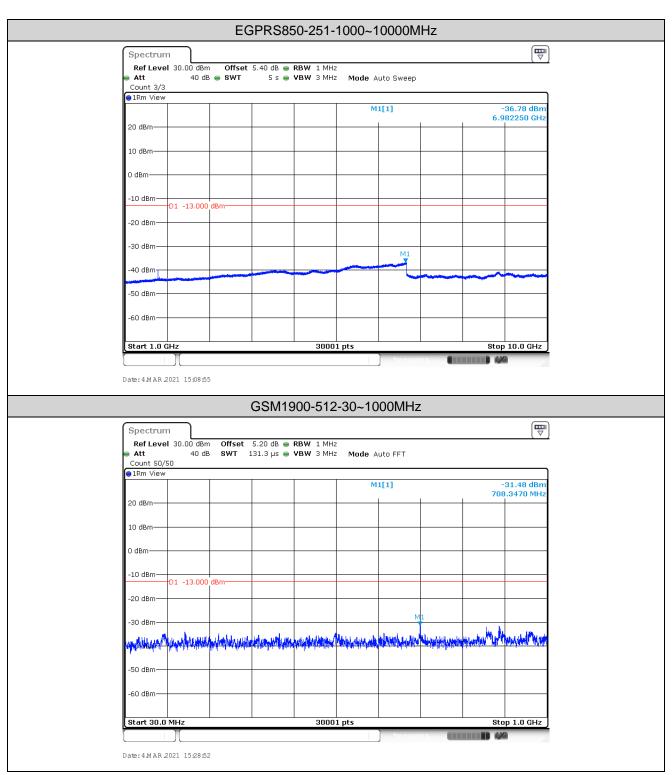
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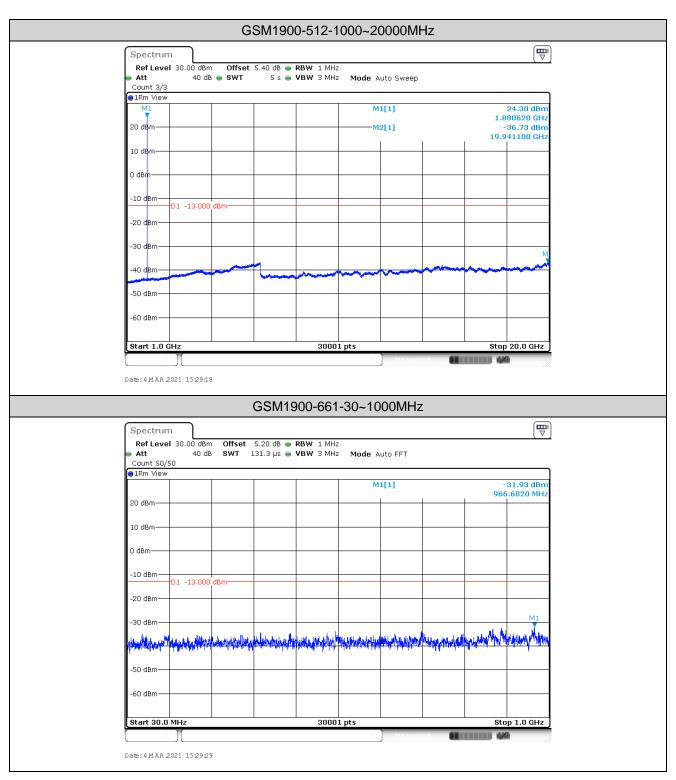
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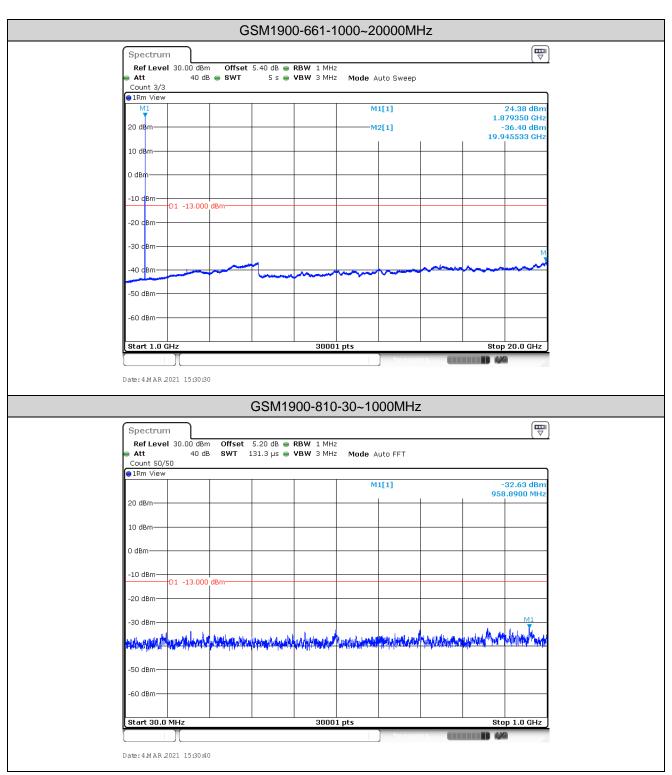
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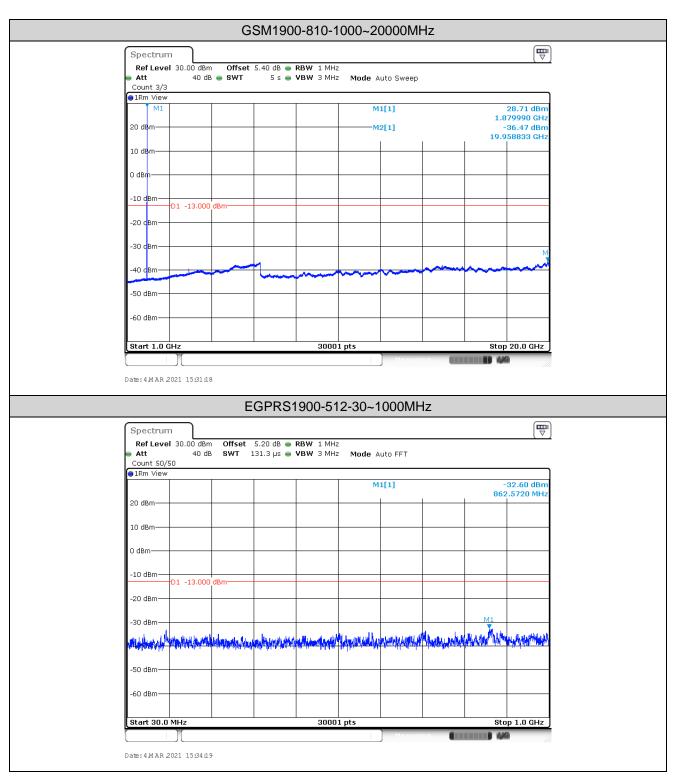
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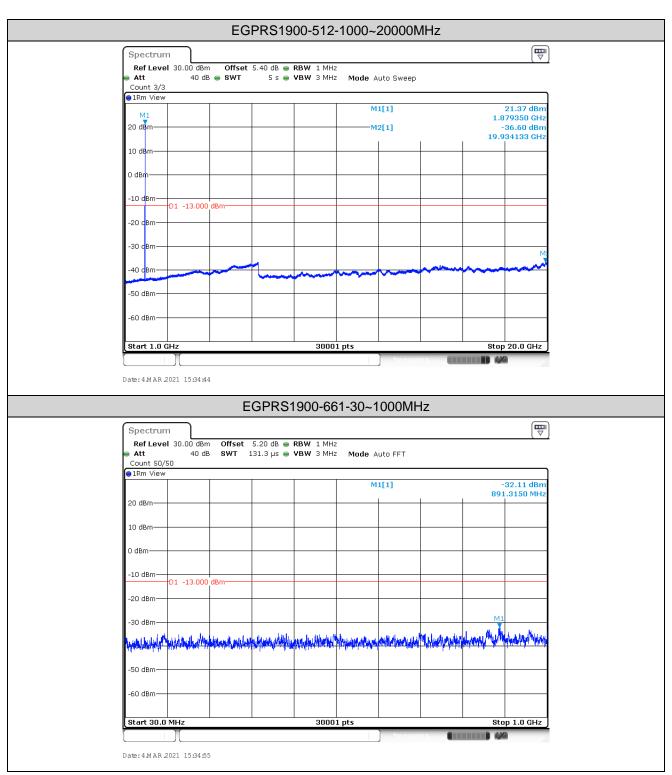
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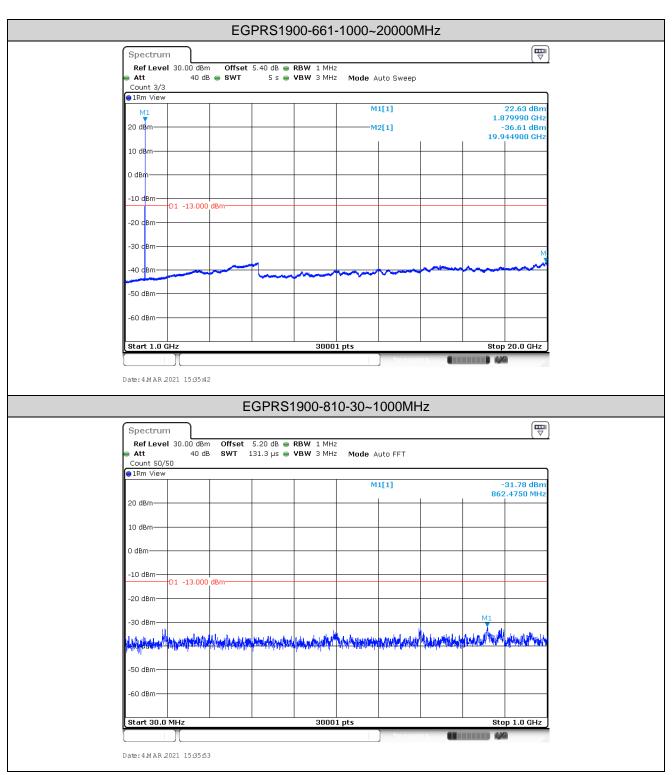
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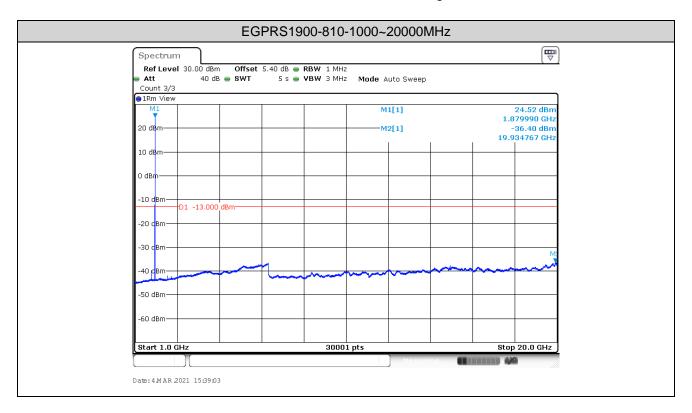
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7. Frequency Stability

7.1. Frequency Error Vs Voltage

| | Voltage | | | | | | | | | | |
|-----------|---------|------------------|---------------------|-------------------|-----------------|----------------|---------|--|--|--|--|
| Band | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict | | | | |
| GSM850 | 128 | VL | NT | 1.87 | 0.002269 | ±2.5 | PASS | | | | |
| GSM850 | 128 | VN | NT | 1.91 | 0.002317 | ±2.5 | PASS | | | | |
| GSM850 | 128 | VH | NT | 5.24 | 0.006358 | ±2.5 | PASS | | | | |
| GSM850 | 190 | VL | NT | 0.08 | 0.000096 | ±2.5 | PASS | | | | |
| GSM850 | 190 | VN | NT | -1.11 | -0.001327 | ±2.5 | PASS | | | | |
| GSM850 | 190 | VH | NT | 0.13 | 0.000155 | ±2.5 | PASS | | | | |
| GSM850 | 251 | VL | NT | -1.41 | -0.001661 | ±2.5 | PASS | | | | |
| GSM850 | 251 | VN | NT | -2.08 | -0.002451 | ±2.5 | PASS | | | | |
| GSM850 | 251 | VH | NT | -0.71 | -0.000836 | ±2.5 | PASS | | | | |
| EGPRS850 | 128 | VL | NT | -5.64 | -0.006843 | ±2.5 | PASS | | | | |
| EGPRS850 | 128 | VN | NT | -3.34 | -0.004052 | ±2.5 | PASS | | | | |
| EGPRS850 | 128 | VH | NT | -1.35 | -0.001638 | ±2.5 | PASS | | | | |
| EGPRS850 | 190 | VL | NT | -3.27 | -0.003909 | ±2.5 | PASS | | | | |
| EGPRS850 | 190 | VN | NT | -2.18 | -0.002606 | ±2.5 | PASS | | | | |
| EGPRS850 | 190 | VH | NT | -4.84 | -0.005785 | ±2.5 | PASS | | | | |
| EGPRS850 | 251 | VL | NT | -4.45 | -0.005243 | ±2.5 | PASS | | | | |
| EGPRS850 | 251 | VN | NT | -2.19 | -0.002580 | ±2.5 | PASS | | | | |
| EGPRS850 | 251 | VH | NT | -4.62 | -0.005443 | ±2.5 | PASS | | | | |
| GSM1900 | 512 | VL | NT | -0.94 | -0.000508 | ±2.5 | PASS | | | | |
| GSM1900 | 512 | VN | NT | -4.61 | -0.002492 | ±2.5 | PASS | | | | |
| GSM1900 | 512 | VH | NT | -4.28 | -0.002313 | ±2.5 | PASS | | | | |
| GSM1900 | 661 | VL | NT | -5.55 | -0.002952 | ±2.5 | PASS | | | | |
| GSM1900 | 661 | VN | NT | -2.57 | -0.001367 | ±2.5 | PASS | | | | |
| GSM1900 | 661 | VH | NT | -2.66 | -0.001415 | ±2.5 | PASS | | | | |
| GSM1900 | 810 | VL | NT | 2.35 | 0.001230 | ±2.5 | PASS | | | | |
| GSM1900 | 810 | VN | NT | -2.35 | -0.001230 | ±2.5 | PASS | | | | |
| GSM1900 | 810 | VH | NT | -3.28 | -0.001717 | ±2.5 | PASS | | | | |
| EGPRS1900 | 512 | VL | NT | -6.85 | -0.003702 | ±2.5 | PASS | | | | |
| EGPRS1900 | 512 | VN | NT | -6.89 | -0.003724 | ±2.5 | PASS | | | | |
| EGPRS1900 | 512 | VH | NT | -13.51 | -0.007302 | ±2.5 | PASS | | | | |



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| EGPRS1900 | 661 | VL | NT | -8.27 | -0.004399 | ±2.5 | PASS |
|-----------|-----|----|----|--------|-----------|------|------|
| EGPRS1900 | 661 | VN | NT | -9.78 | -0.005202 | ±2.5 | PASS |
| EGPRS1900 | 661 | VH | NT | -8.87 | -0.004718 | ±2.5 | PASS |
| EGPRS1900 | 810 | VL | NT | -10.30 | -0.005393 | ±2.5 | PASS |
| EGPRS1900 | 810 | VN | NT | -11.07 | -0.005796 | ±2.5 | PASS |
| EGPRS1900 | 810 | VH | NT | -12.86 | -0.006734 | ±2.5 | PASS |

7.2. Frequency Error Vs Temperature

| | | | Tem | perature | | | Temperature | | | | | | | | | | |
|--------|---------|------------------|---------------------|-------------------|-----------------|----------------|-------------|--|--|--|--|--|--|--|--|--|--|
| Band | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict | | | | | | | | | | |
| GSM850 | 128 | NV | -30 | 2.49 | 0.003021 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | -20 | 2.15 | 0.002609 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | -10 | 0.43 | 0.000522 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | 0 | 3.81 | 0.004623 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | 10 | 1.50 | 0.001820 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | 20 | 1.41 | 0.001711 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | 30 | -0.41 | -0.000497 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | 40 | 2.44 | 0.002960 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 128 | NV | 50 | 1.39 | 0.001686 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | -30 | -0.32 | -0.000383 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | -20 | -2.76 | -0.003299 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | -10 | -0.10 | -0.000120 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | 0 | 0.20 | 0.000239 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | 10 | 0.78 | 0.000932 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | 20 | 1.74 | 0.002080 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | 30 | -1.63 | -0.001948 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | 40 | -0.44 | -0.000526 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 190 | NV | 50 | 0.46 | 0.000550 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | -30 | 0.80 | 0.000943 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | -20 | -2.40 | -0.002828 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | -10 | -0.38 | -0.000448 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | 0 | 0.88 | 0.001037 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | 10 | -1.67 | -0.001967 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | 20 | -0.73 | -0.000860 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | 30 | -1.74 | -0.002050 | ±2.5 | PASS | | | | | | | | | | |
| GSM850 | 251 | NV | 40 | 0.55 | 0.000648 | ±2.5 | PASS | | | | | | | | | | |



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| GSM850 | 251 | NV | 50 | -0.34 | -0.000401 | ±2.5 | PASS |
|----------|-----|----|-----|-------|-----------|------|------|
| EGPRS850 | 128 | NV | -30 | -3.84 | -0.004659 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -20 | -1.99 | -0.002414 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | -10 | -7.10 | -0.008614 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 0 | -3.13 | -0.003798 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 10 | -5.07 | -0.006151 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 20 | -4.01 | -0.004865 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 30 | -5.61 | -0.006807 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 40 | -2.78 | -0.003373 | ±2.5 | PASS |
| EGPRS850 | 128 | NV | 50 | -1.34 | -0.001626 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -30 | -3.66 | -0.004375 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -20 | -3.82 | -0.004566 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | -10 | -2.87 | -0.003431 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 0 | -2.17 | -0.002594 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 10 | -5.19 | -0.006204 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 20 | -4.22 | -0.005044 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 30 | -3.78 | -0.004518 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 40 | -5.67 | -0.006777 | ±2.5 | PASS |
| EGPRS850 | 190 | NV | 50 | -2.65 | -0.003168 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -30 | -9.36 | -0.011027 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -20 | -4.18 | -0.004925 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | -10 | -3.69 | -0.004347 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 0 | -8.24 | -0.009708 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 10 | -5.63 | -0.006633 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 20 | -4.56 | -0.005372 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 30 | -3.10 | -0.003652 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 40 | -6.67 | -0.007858 | ±2.5 | PASS |
| EGPRS850 | 251 | NV | 50 | -4.67 | -0.005502 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -30 | 1.39 | 0.000751 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -20 | -2.35 | -0.001270 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -10 | -2.64 | -0.001427 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 0 | 2.29 | 0.001238 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 10 | -2.96 | -0.001600 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 20 | -3.67 | -0.001984 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 30 | 0.73 | 0.000395 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 40 | -1.99 | -0.001076 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 50 | 1.18 | 0.000638 | ±2.5 | PASS |



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| | | | | | • | | |
|-----------|-----|----|-----|--------|-----------|------|------|
| GSM1900 | 661 | NV | -30 | 1.90 | 0.001011 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -20 | -5.06 | -0.002691 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -10 | -4.06 | -0.002160 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 0 | -1.50 | -0.000798 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 10 | 0.55 | 0.000293 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 20 | -3.40 | -0.001809 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 30 | -2.47 | -0.001314 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 40 | 0.18 | 0.000096 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 50 | 1.14 | 0.000606 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -30 | -5.03 | -0.002634 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -20 | -0.57 | -0.000298 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -10 | -1.38 | -0.000723 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 0 | -2.83 | -0.001482 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 10 | -4.02 | -0.002105 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 20 | -1.24 | -0.000649 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 30 | -3.23 | -0.001691 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 40 | -5.38 | -0.002817 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 50 | -1.02 | -0.000534 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -30 | -9.33 | -0.005043 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -20 | -10.15 | -0.005486 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | -10 | -12.81 | -0.006924 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 0 | -6.96 | -0.003762 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 10 | -10.76 | -0.005816 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 20 | -9.77 | -0.005281 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 30 | -12.13 | -0.006556 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 40 | -13.27 | -0.007172 | ±2.5 | PASS |
| EGPRS1900 | 512 | NV | 50 | -10.47 | -0.005659 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -30 | -11.34 | -0.006032 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -20 | -8.12 | -0.004319 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | -10 | -12.23 | -0.006505 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 0 | -5.93 | -0.003154 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 10 | -10.87 | -0.005782 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 20 | -6.38 | -0.003394 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 30 | -4.74 | -0.002521 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 40 | -14.20 | -0.007553 | ±2.5 | PASS |
| EGPRS1900 | 661 | NV | 50 | -10.51 | -0.005590 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | -30 | -4.23 | -0.002215 | ±2.5 | PASS |



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| EGPRS1900 | 810 | NV | -20 | -11.96 | -0.006262 | ±2.5 | PASS |
|-----------|-----|----|-----|--------|-----------|------|------|
| EGPRS1900 | 810 | NV | -10 | -5.39 | -0.002822 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 0 | -12.07 | -0.006320 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 10 | -13.06 | -0.006838 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 20 | -11.07 | -0.005796 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 30 | -8.66 | -0.004535 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 40 | -4.04 | -0.002115 | ±2.5 | PASS |
| EGPRS1900 | 810 | NV | 50 | -10.47 | -0.005482 | ±2.5 | PASS |

The End



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