

## 01 Conducted output power

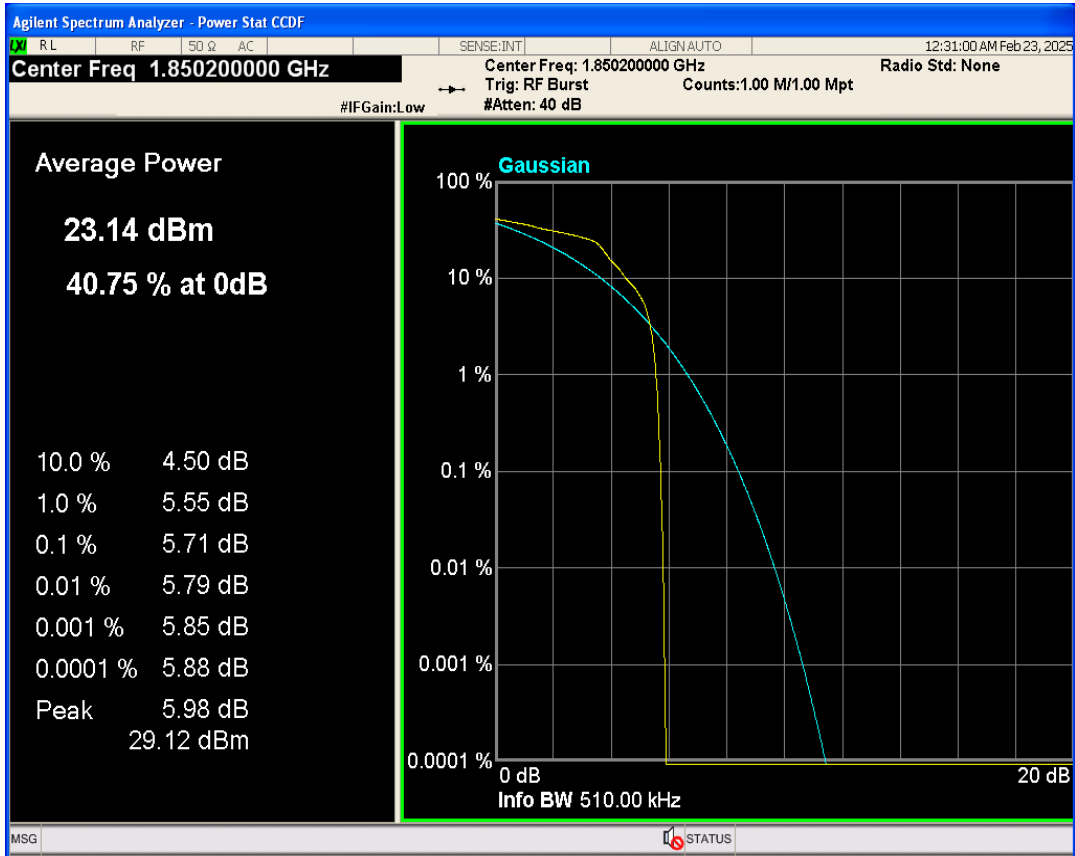
| Band             | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512     | 1850.2          | 26.09       | PASS    |
| EGPRS1900 1 Slot | 661     | 1880            | 25.94       | PASS    |
| EGPRS1900 1 Slot | 810     | 1909.8          | 25.38       | PASS    |
| EGPRS1900 2 Slot | 512     | 1850.2          | 24.04       | PASS    |
| EGPRS1900 2 Slot | 661     | 1880            | 23.72       | PASS    |
| EGPRS1900 2 Slot | 810     | 1909.8          | 23.52       | PASS    |
| EGPRS1900 3 Slot | 512     | 1850.2          | 21.53       | PASS    |
| EGPRS1900 3 Slot | 661     | 1880            | 21.51       | PASS    |
| EGPRS1900 3 Slot | 810     | 1909.8          | 21.77       | PASS    |
| EGPRS1900 4 Slot | 512     | 1850.2          | 19.80       | PASS    |
| EGPRS1900 4 Slot | 661     | 1880            | 19.49       | PASS    |
| EGPRS1900 4 Slot | 810     | 1909.8          | 19.34       | PASS    |
| EGPRS850 1 Slot  | 128     | 824.2           | 26.03       | PASS    |
| EGPRS850 1 Slot  | 189     | 836.4           | 25.76       | PASS    |
| EGPRS850 1 Slot  | 251     | 848.8           | 26.00       | PASS    |
| EGPRS850 2 Slot  | 128     | 824.2           | 25.29       | PASS    |
| EGPRS850 2 Slot  | 189     | 836.4           | 24.92       | PASS    |
| EGPRS850 2 Slot  | 251     | 848.8           | 24.80       | PASS    |
| EGPRS850 3 Slot  | 128     | 824.2           | 22.49       | PASS    |
| EGPRS850 3 Slot  | 189     | 836.4           | 22.74       | PASS    |
| EGPRS850 3 Slot  | 251     | 848.8           | 22.34       | PASS    |
| EGPRS850 4 Slot  | 128     | 824.2           | 19.60       | PASS    |
| EGPRS850 4 Slot  | 189     | 836.4           | 19.62       | PASS    |
| EGPRS850 4 Slot  | 251     | 848.8           | 19.93       | PASS    |
| GPRS1900 1 Slot  | 512     | 1850.2          | 28.53       | PASS    |
| GPRS1900 1 Slot  | 661     | 1880            | 28.48       | PASS    |
| GPRS1900 1 Slot  | 810     | 1909.8          | 28.43       | PASS    |
| GPRS1900 2 Slot  | 512     | 1850.2          | 26.33       | PASS    |
| GPRS1900 2 Slot  | 661     | 1880            | 26.14       | PASS    |
| GPRS1900 2 Slot  | 810     | 1909.8          | 25.99       | PASS    |
| GPRS1900 3 Slot  | 512     | 1850.2          | 24.65       | PASS    |
| GPRS1900 3 Slot  | 661     | 1880            | 24.44       | PASS    |
| GPRS1900 3 Slot  | 810     | 1909.8          | 24.31       | PASS    |
| GPRS1900 4 Slot  | 512     | 1850.2          | 22.58       | PASS    |
| GPRS1900 4 Slot  | 661     | 1880            | 22.38       | PASS    |
| GPRS1900 4 Slot  | 810     | 1909.8          | 22.17       | PASS    |
| GPRS850 1 Slot   | 128     | 824.2           | 33.03       | PASS    |
| GPRS850 1 Slot   | 189     | 836.4           | 33.10       | PASS    |
| GPRS850 1 Slot   | 251     | 848.8           | 33.21       | PASS    |
| GPRS850 2 Slot   | 128     | 824.2           | 30.98       | PASS    |
| GPRS850 2 Slot   | 189     | 836.4           | 30.82       | PASS    |

|                |     |        |       |      |
|----------------|-----|--------|-------|------|
| GPRS850 2 Slot | 251 | 848.8  | 30.79 | PASS |
| GPRS850 3 Slot | 128 | 824.2  | 29.00 | PASS |
| GPRS850 3 Slot | 189 | 836.4  | 28.79 | PASS |
| GPRS850 3 Slot | 251 | 848.8  | 28.78 | PASS |
| GPRS850 4 Slot | 128 | 824.2  | 26.87 | PASS |
| GPRS850 4 Slot | 189 | 836.4  | 26.60 | PASS |
| GPRS850 4 Slot | 251 | 848.8  | 26.63 | PASS |
| GSM1900        | 512 | 1850.2 | 28.55 | PASS |
| GSM1900        | 661 | 1880   | 28.57 | PASS |
| GSM1900        | 810 | 1909.8 | 28.48 | PASS |
| GSM850         | 128 | 824.2  | 33.00 | PASS |
| GSM850         | 189 | 836.4  | 33.12 | PASS |
| GSM850         | 251 | 848.8  | 33.22 | PASS |

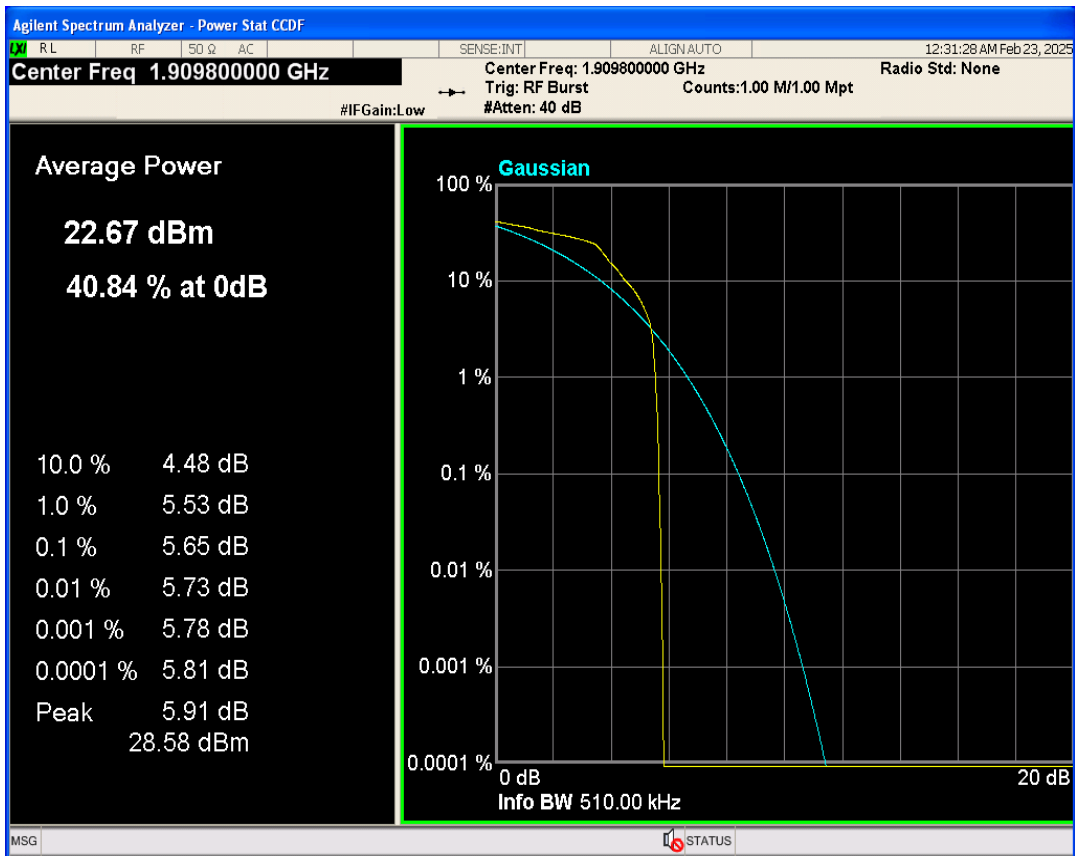
### 15 Peak-to-Average Ratio

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 5.71        | 13              | PASS    |
| EGPRS1900 | 661     | 1880            | 5.68        | 13              | PASS    |
| EGPRS1900 | 810     | 1909.8          | 5.65        | 13              | PASS    |
| EGPRS850  | 128     | 824.2           | 9.22        | 13              | PASS    |
| EGPRS850  | 189     | 836.4           | 9.46        | 13              | PASS    |
| EGPRS850  | 251     | 848.8           | 9.50        | 13              | PASS    |

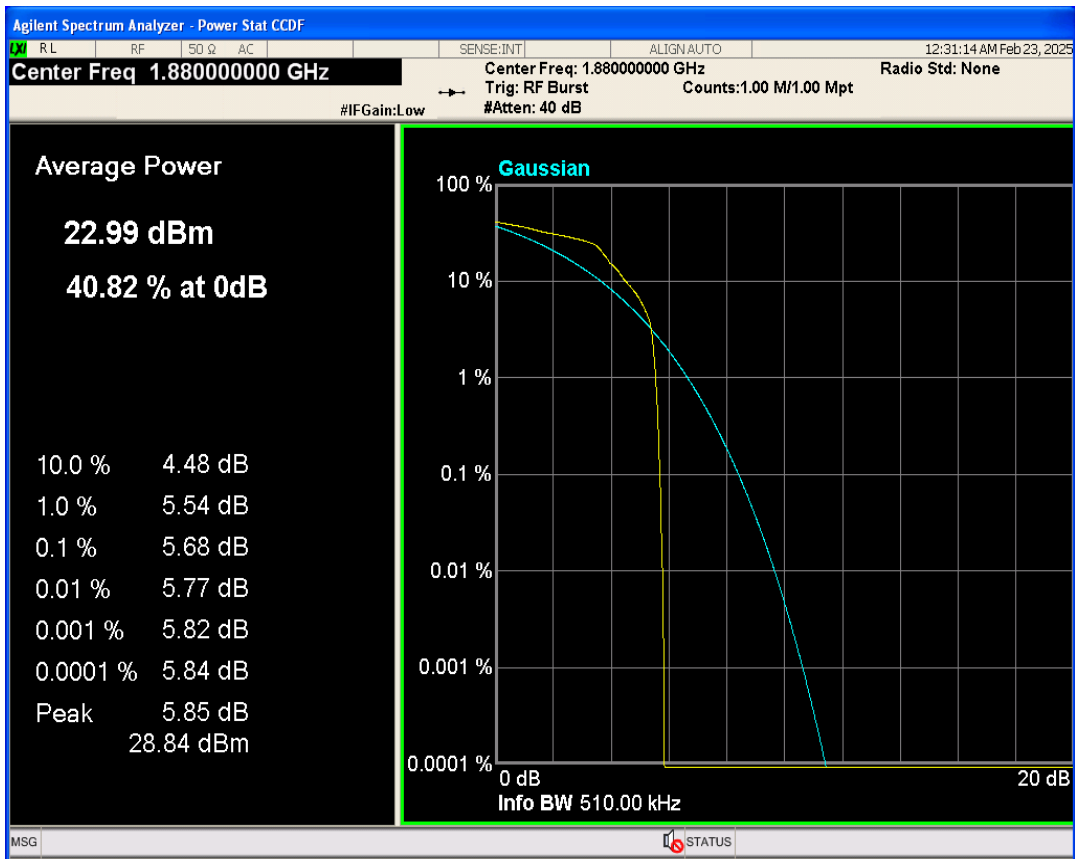
EGPRS1900 Channel=512



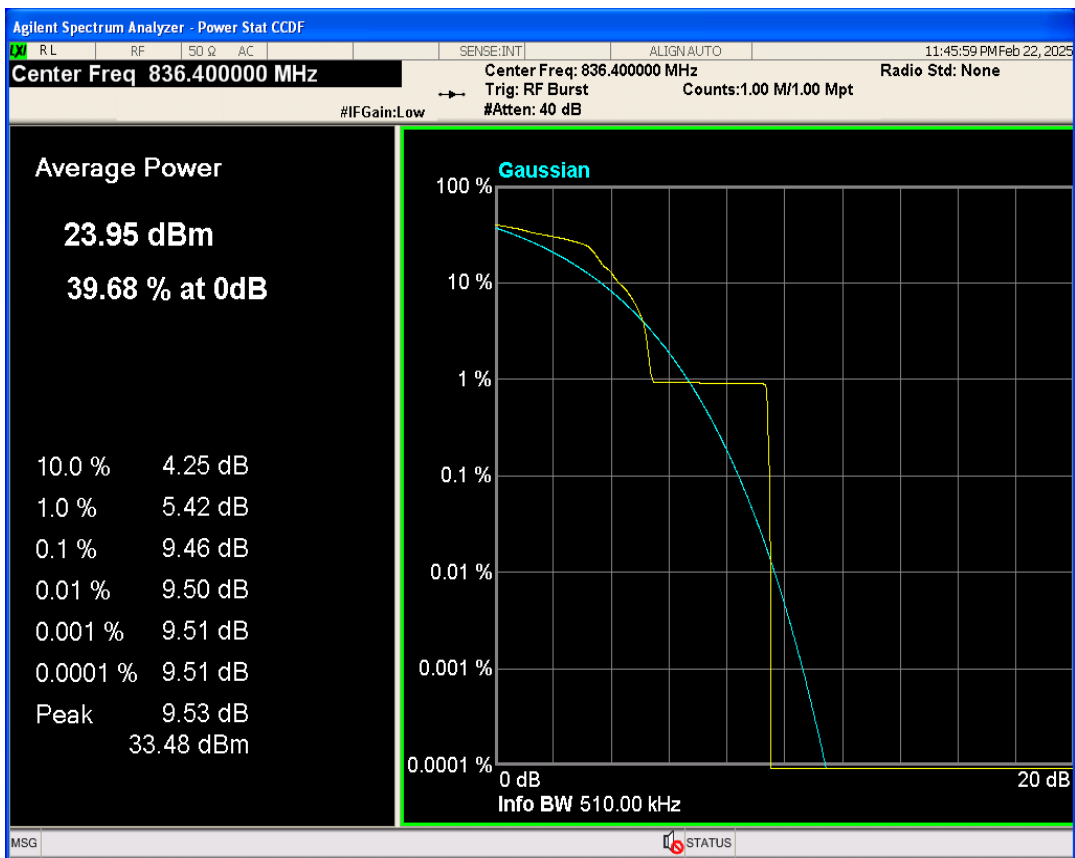
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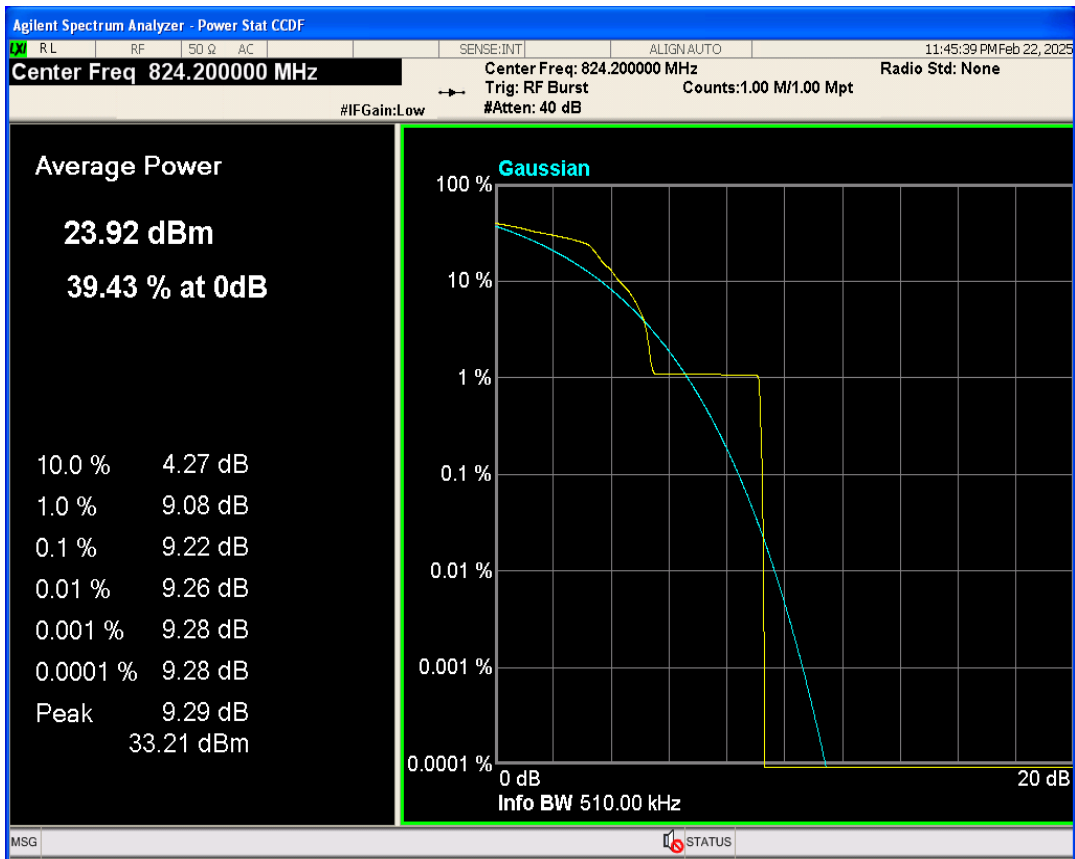
EGPRS1900 Channel=661



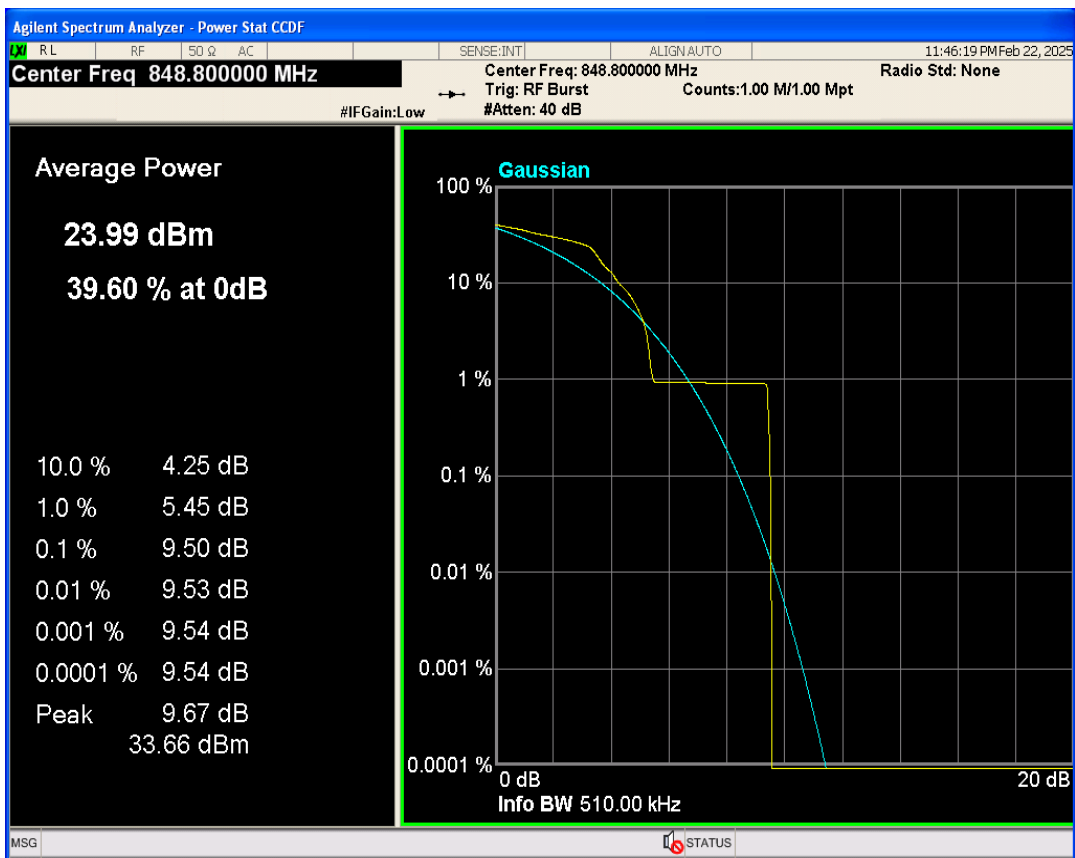
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EGPRS850 Channel=128



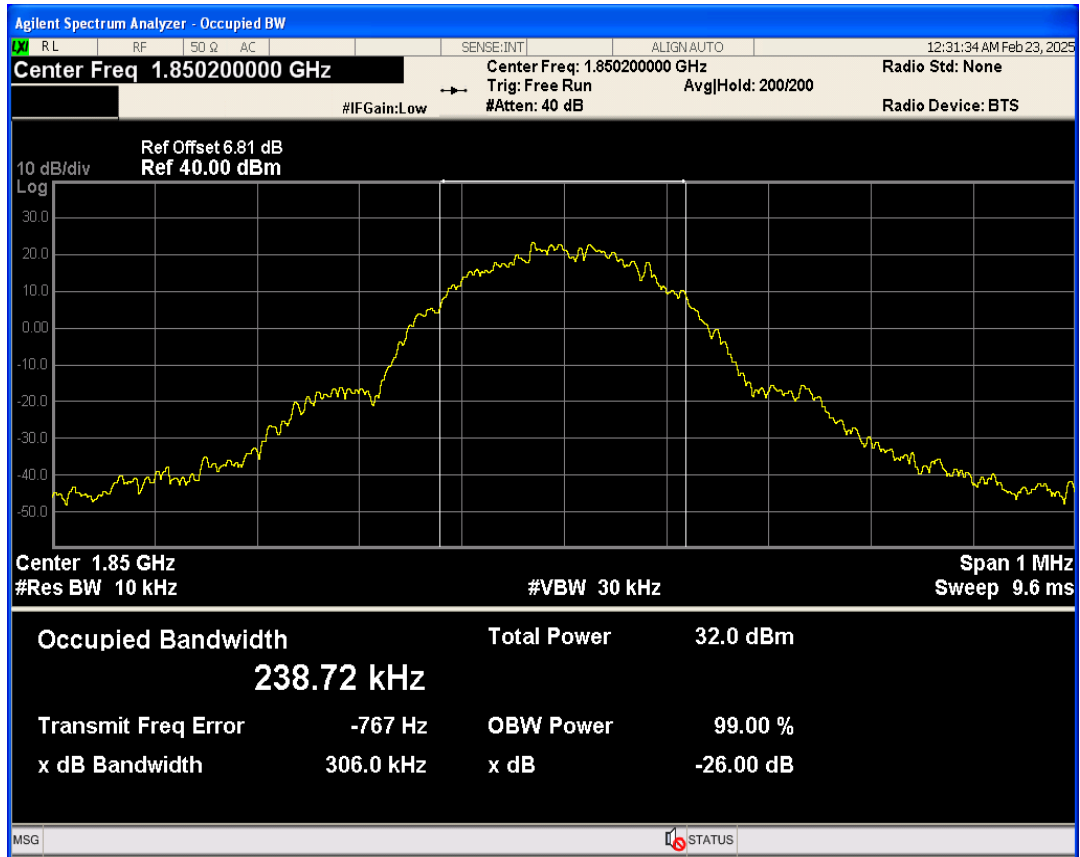
EGPRS850 Channel=251



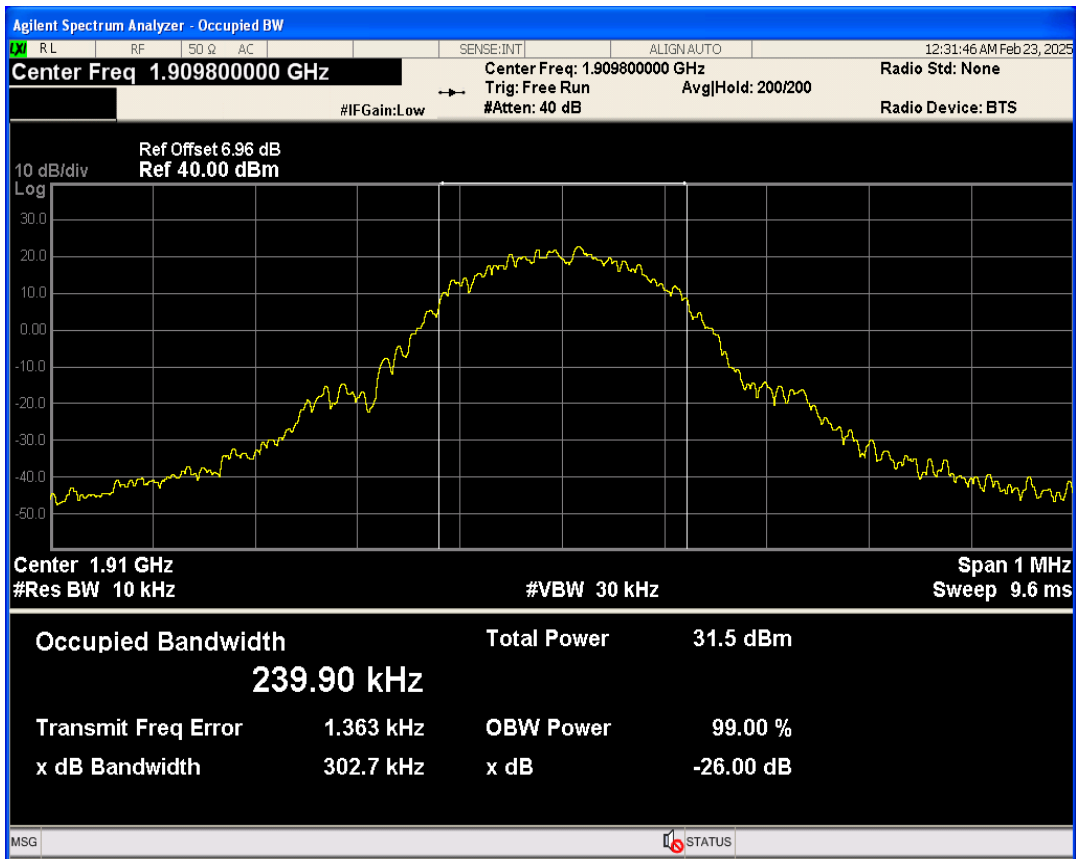
16 Occupied bandwidth

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 238.721       | 306.003         | PASS    |
| EGPRS1900 | 661     | 1880            | 239.509       | 310.424         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 239.904       | 302.694         | PASS    |
| EGPRS850  | 128     | 824.2           | 228.330       | 286.895         | PASS    |
| EGPRS850  | 189     | 836.4           | 249.775       | 317.559         | PASS    |
| EGPRS850  | 251     | 848.8           | 245.649       | 316.993         | PASS    |

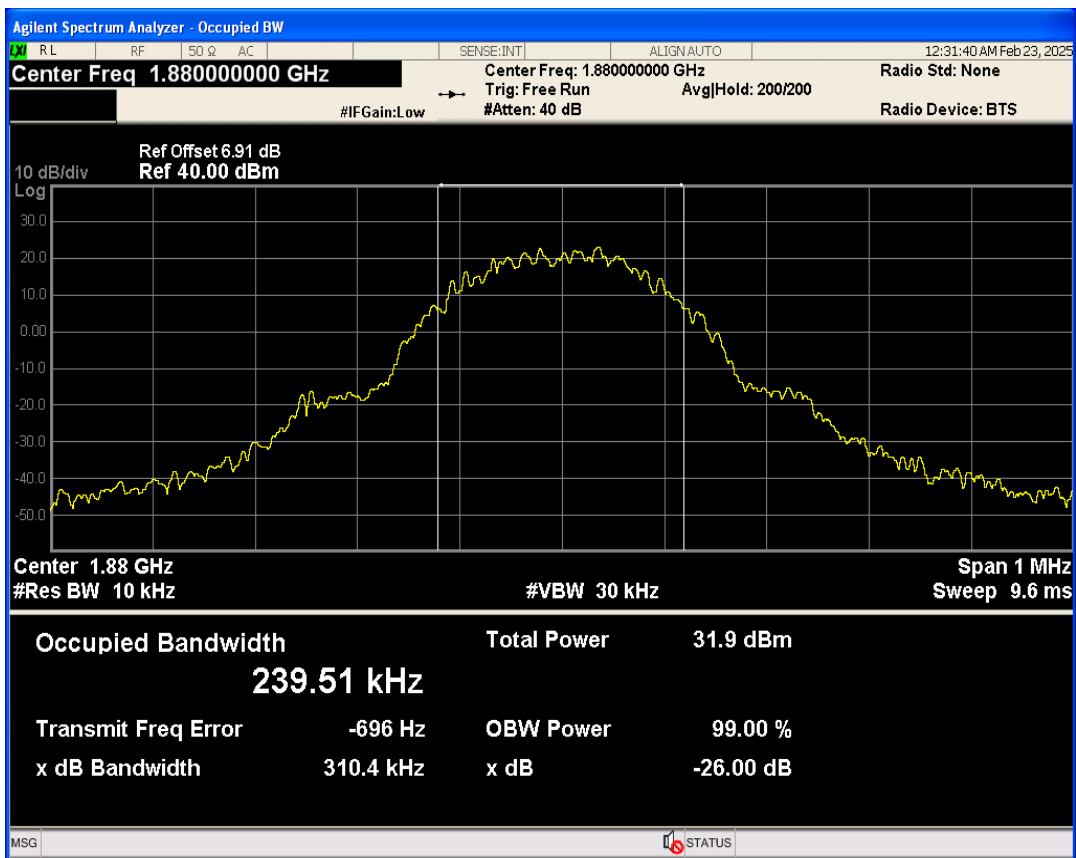
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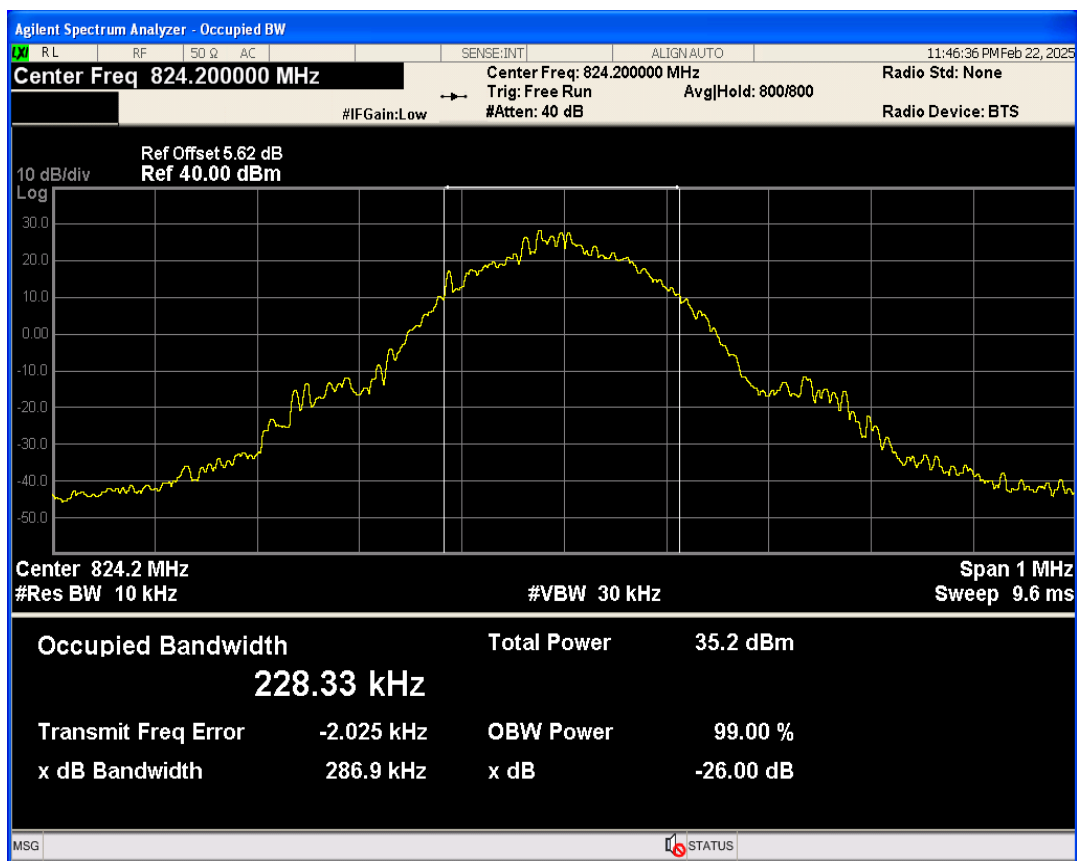
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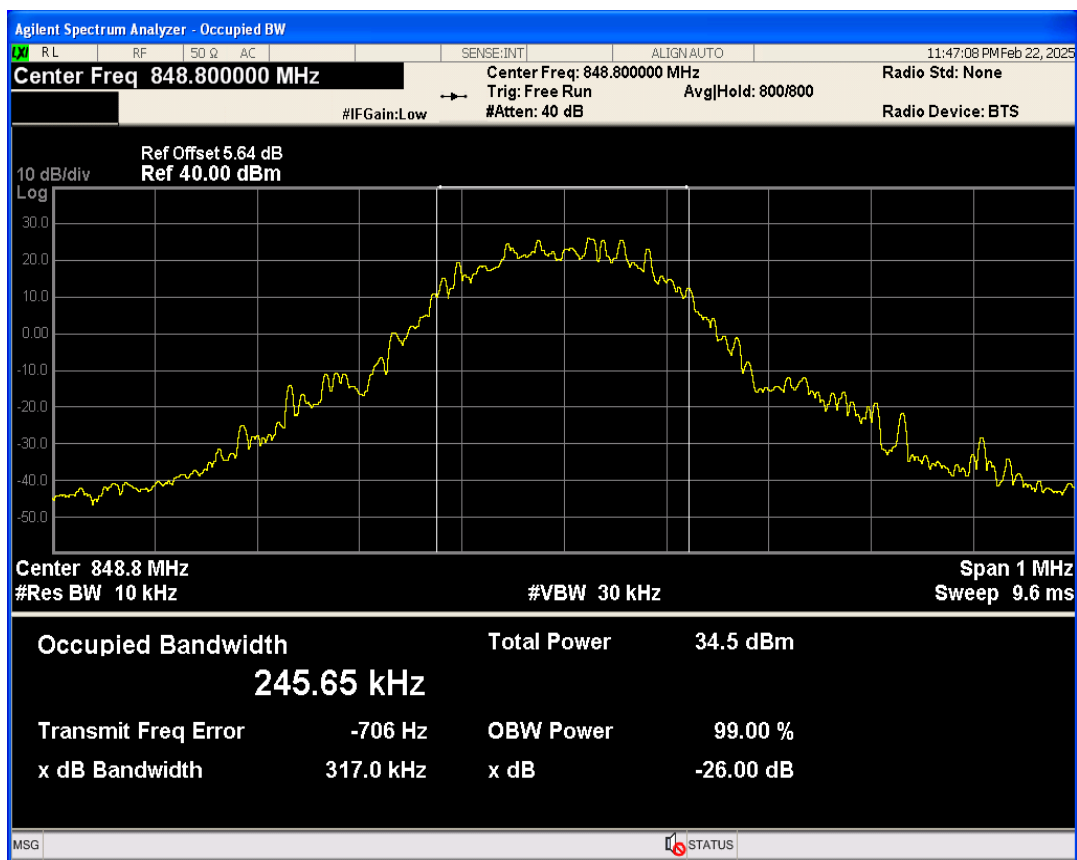
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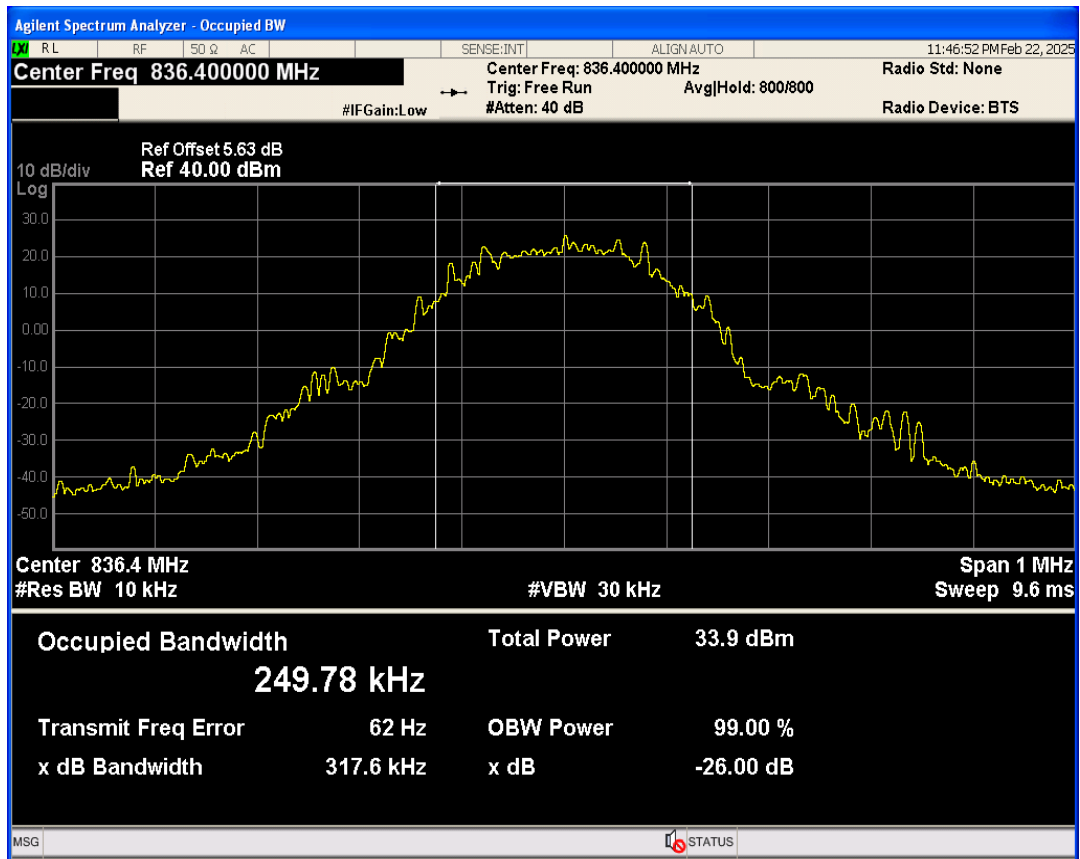
EGPRS850 Channel=128



EGPRS850 Channel=251



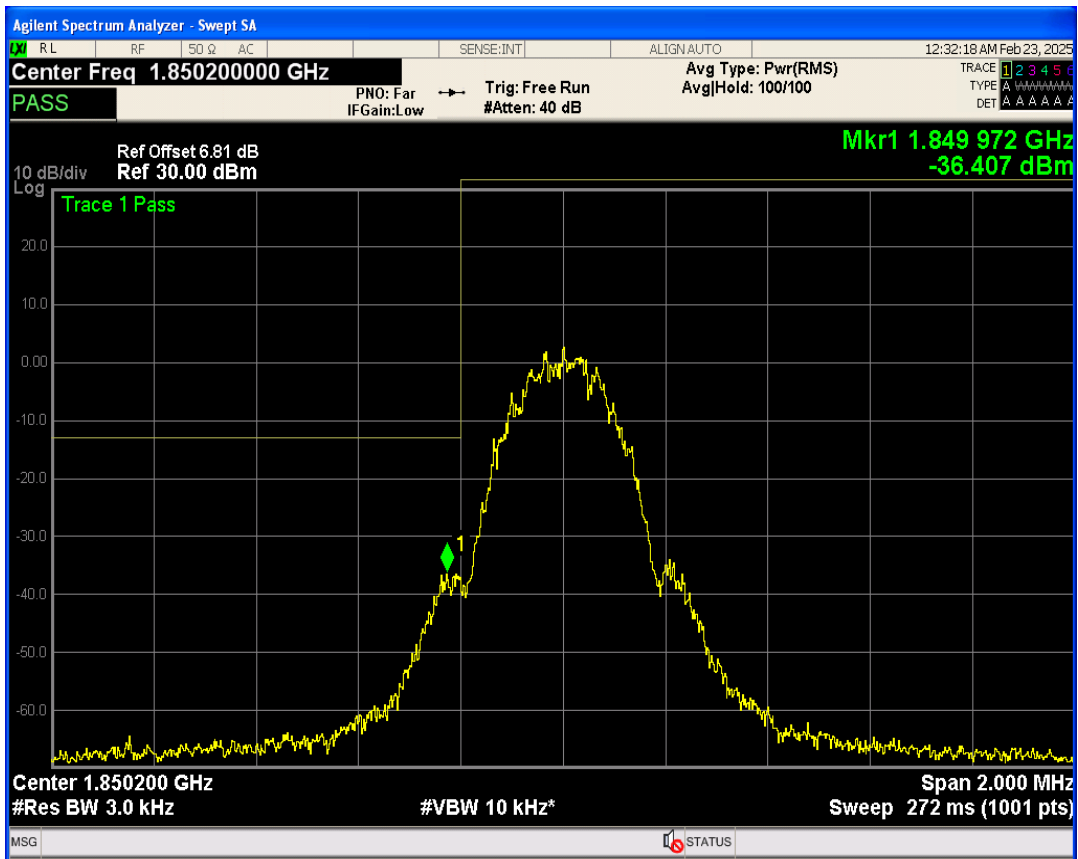
EGPRS850 Channel=189



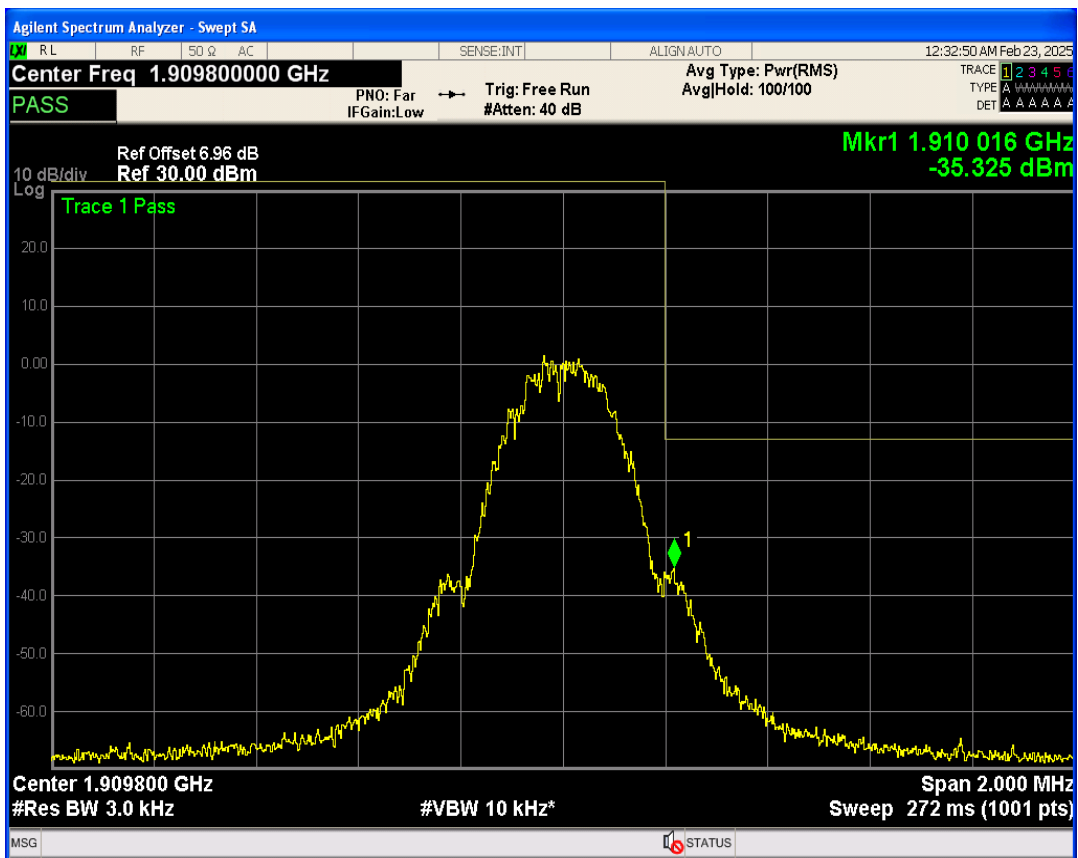
## 17 Band edge

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1849.97         | -36.40           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.02         | -35.32           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.99          | -34.23           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.00          | -32.72           | -13         | PASS    |

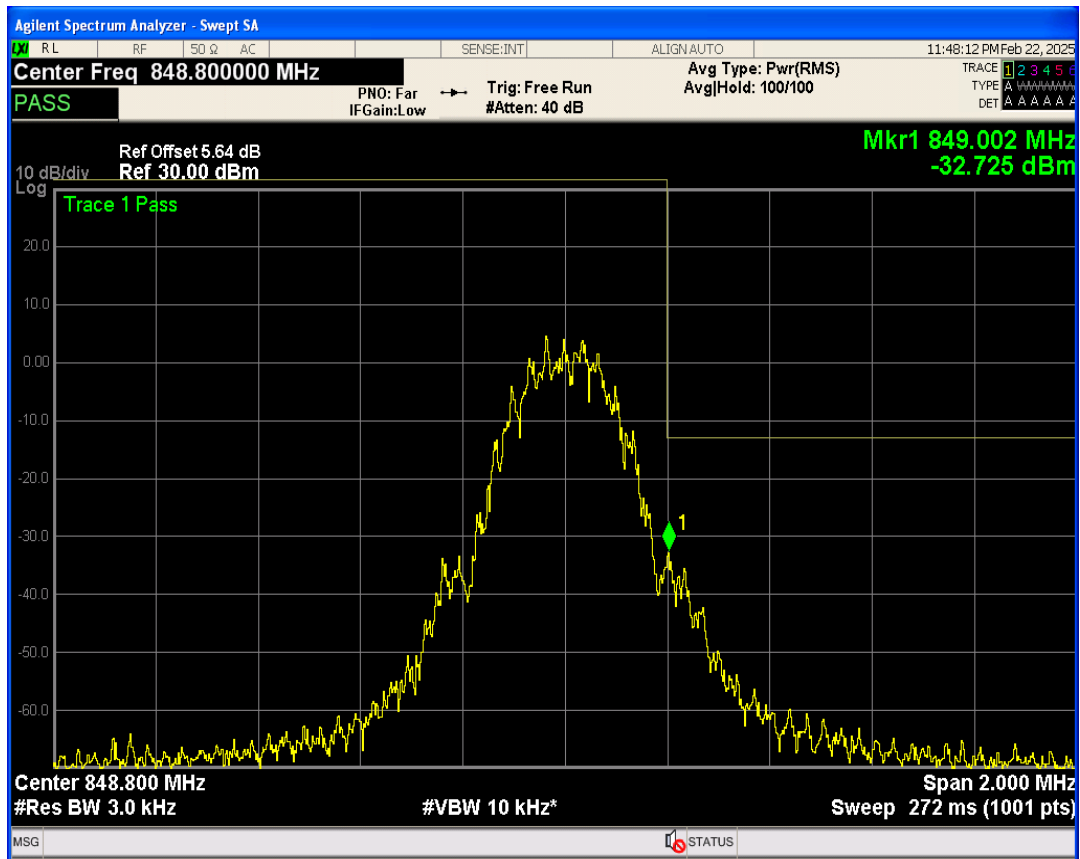
EGPRS1900 Channel=512



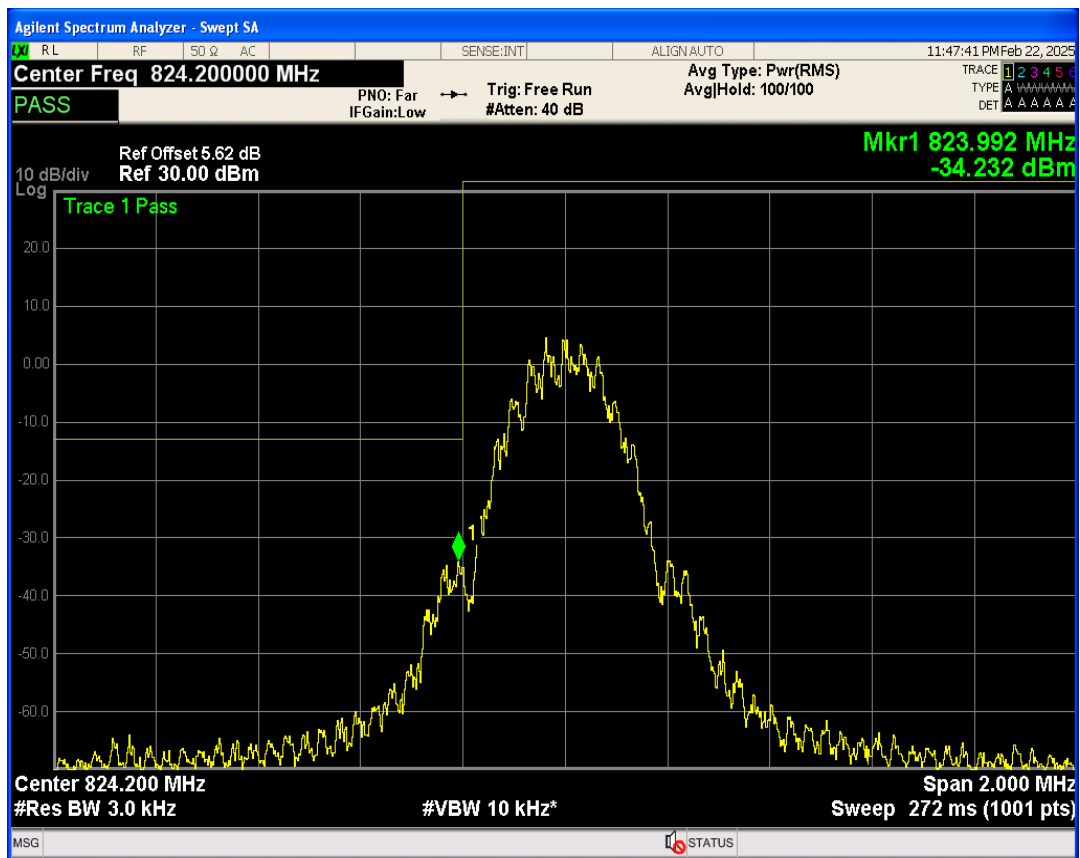
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EGPRS850 Channel=251



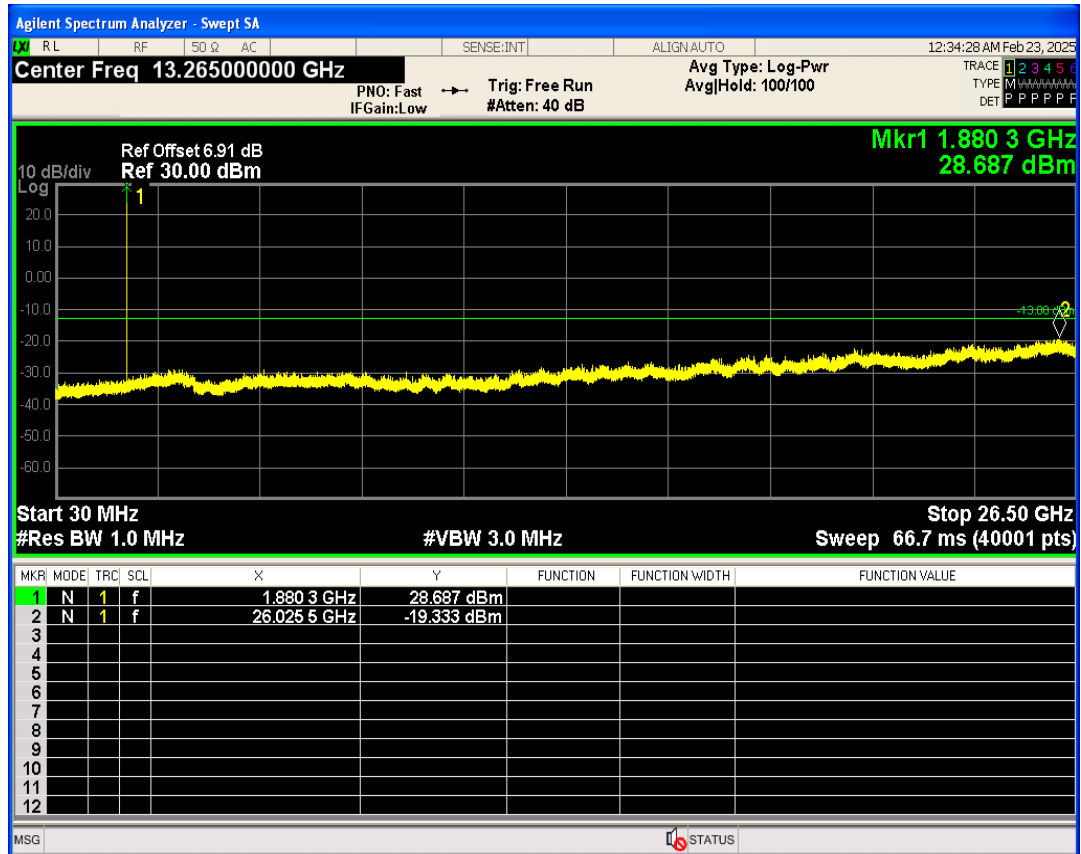
EGPRS850 Channel=128



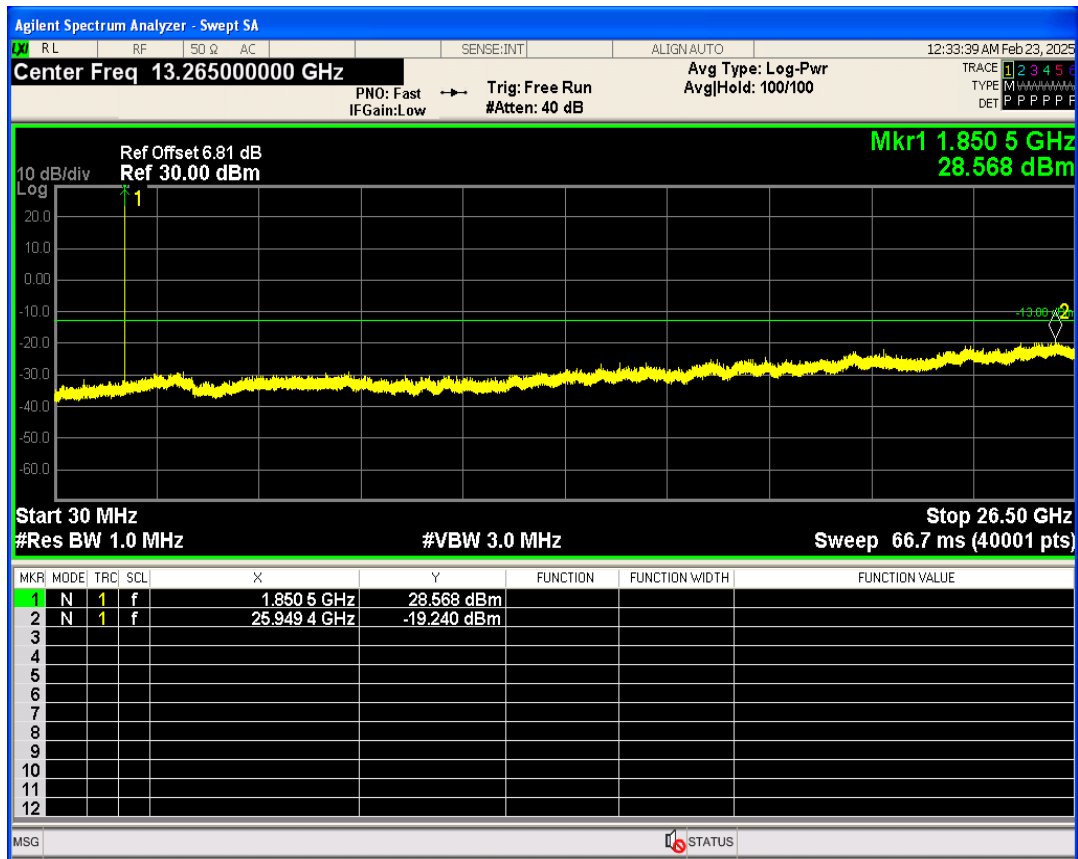
18 Out-of-band emissions

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 25949.42        | -19.24           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 26025.53        | -19.33           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 25977.88        | -19.39           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 26001.04        | -20.21           | -13         | PASS    |
| EGPRS850  | 189     | 836.4           | 26024.20        | -19.98           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 25958.03        | -19.68           | -13         | PASS    |

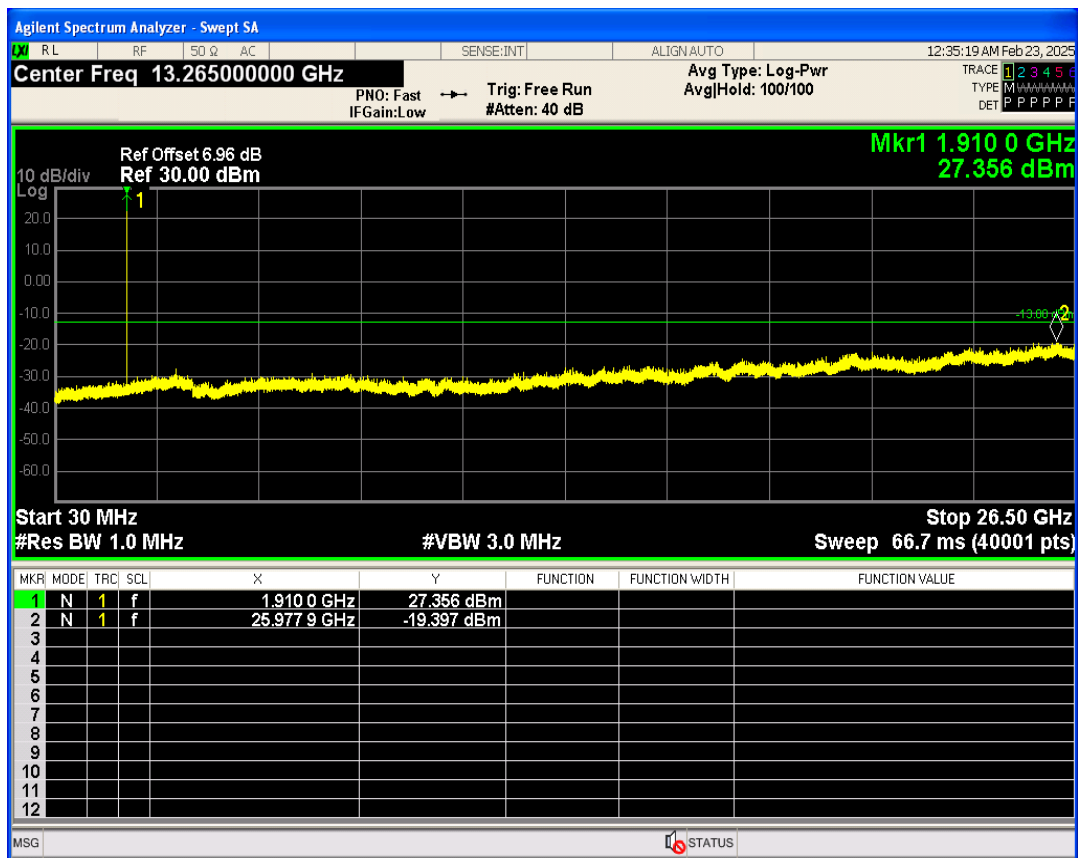
EGPRS1900 Channel=661



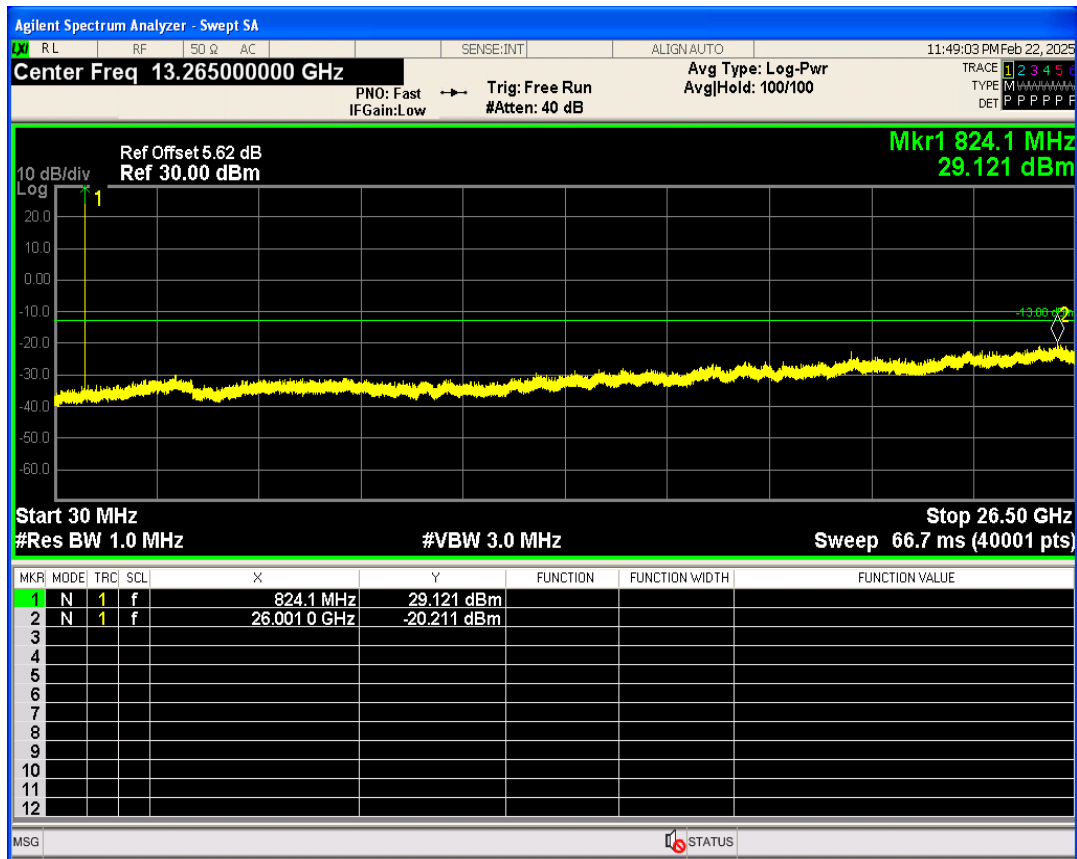
EGPRS1900 Channel=512



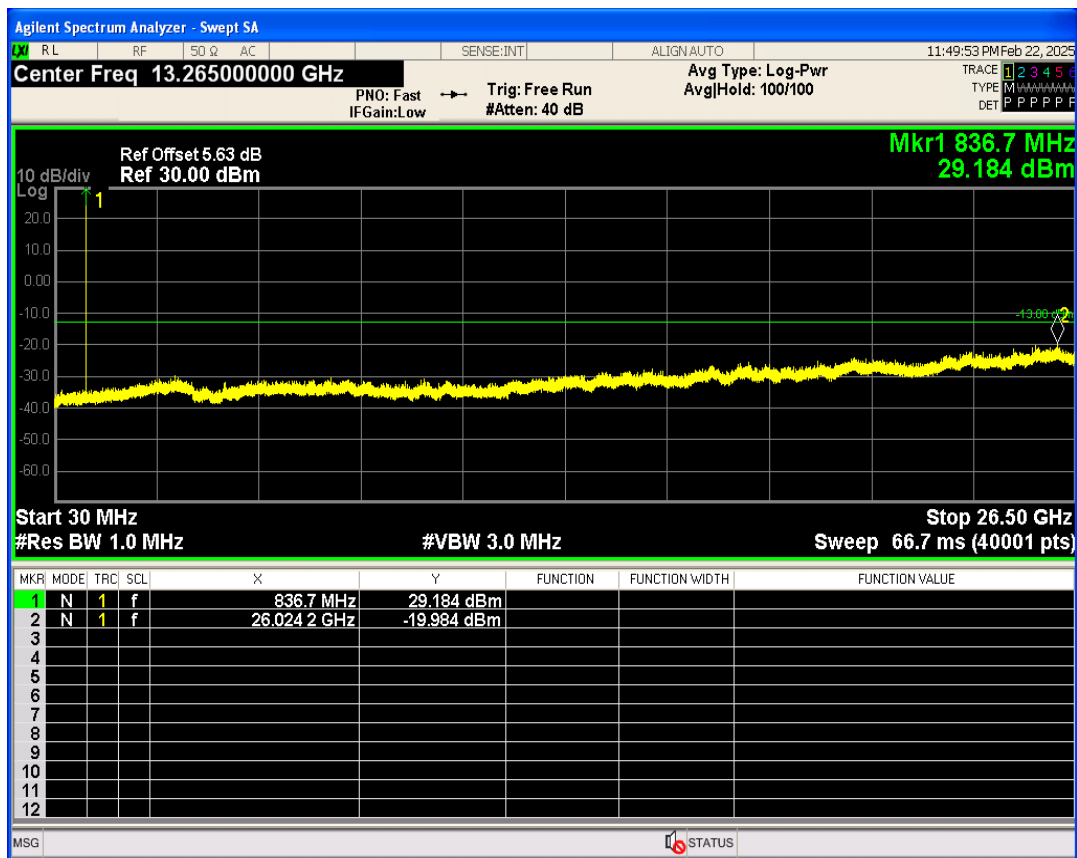
EGPRS1900 Channel=810



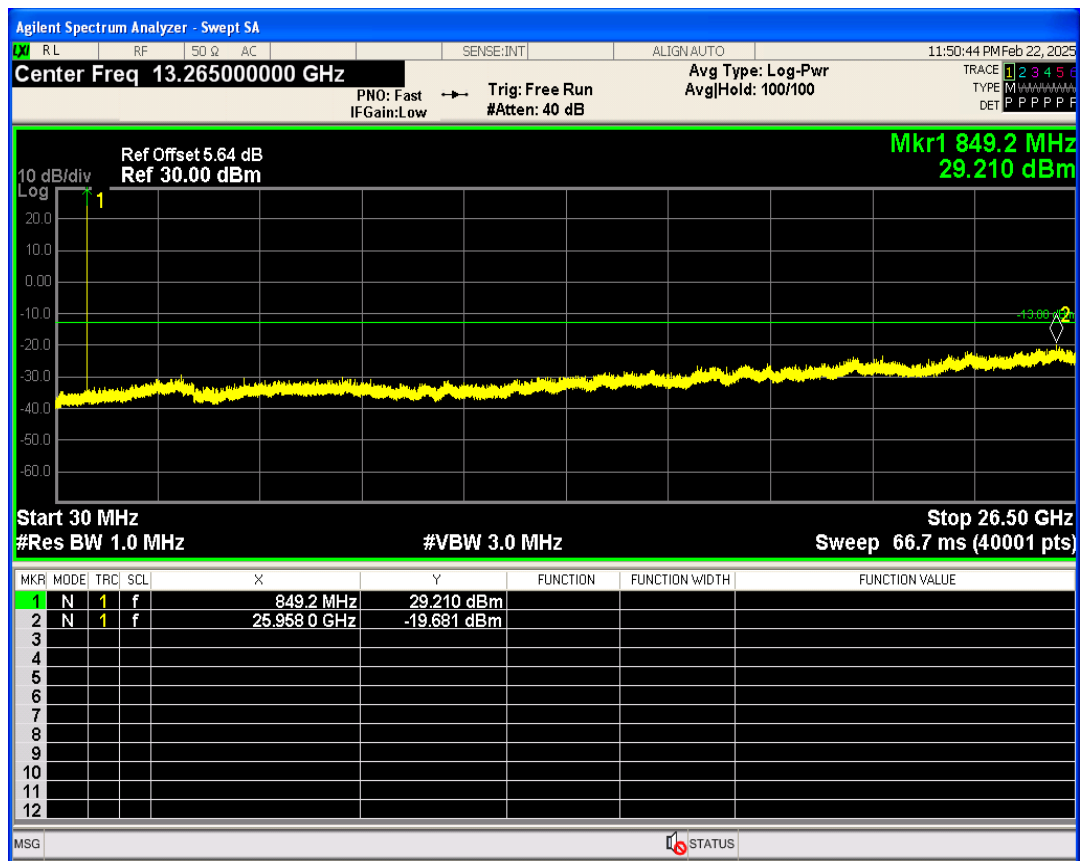
EGPRS850 Channel=128



EGPRS850 Channel=189



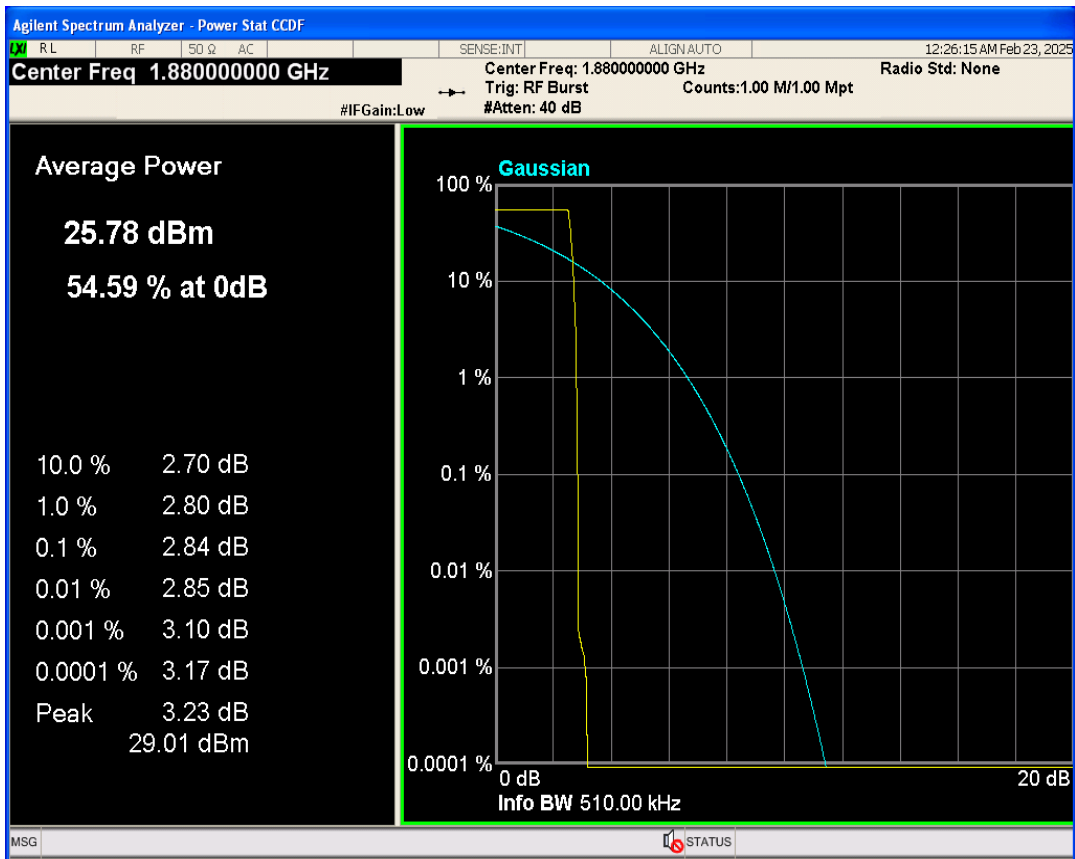
EGPRS850 Channel=251



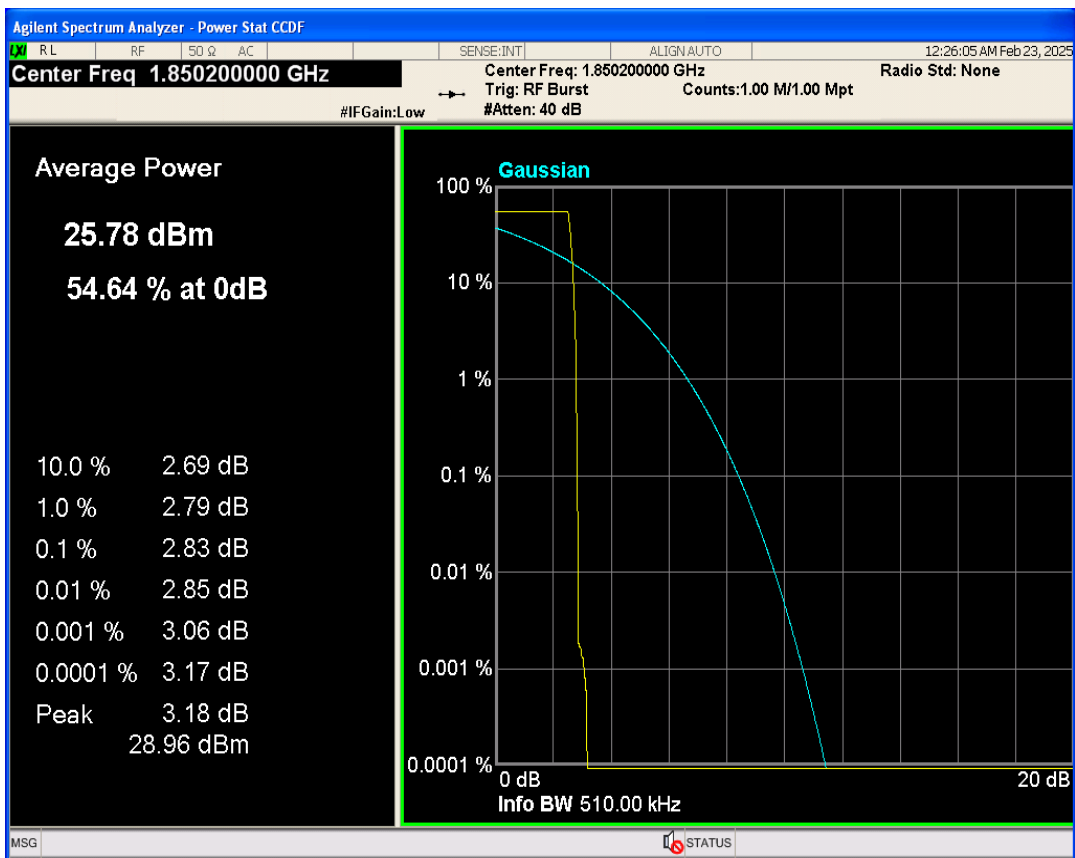
### 09 Peak-to-Average Ratio

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.83        | 13              | PASS    |
| GPRS1900 | 661     | 1880            | 2.84        | 13              | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.84        | 13              | PASS    |
| GPRS850  | 128     | 824.2           | 2.77        | 13              | PASS    |
| GPRS850  | 189     | 836.4           | 2.76        | 13              | PASS    |
| GPRS850  | 251     | 848.8           | 2.75        | 13              | PASS    |

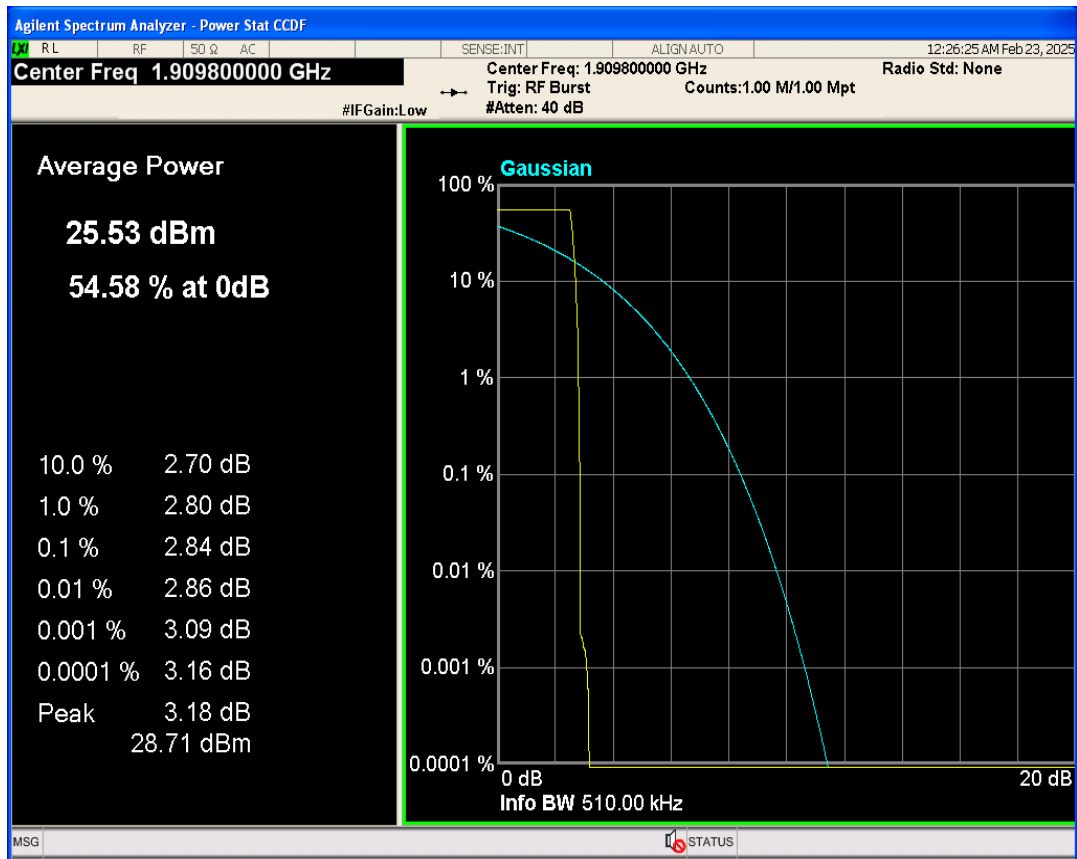
GPRS1900 Channel=661



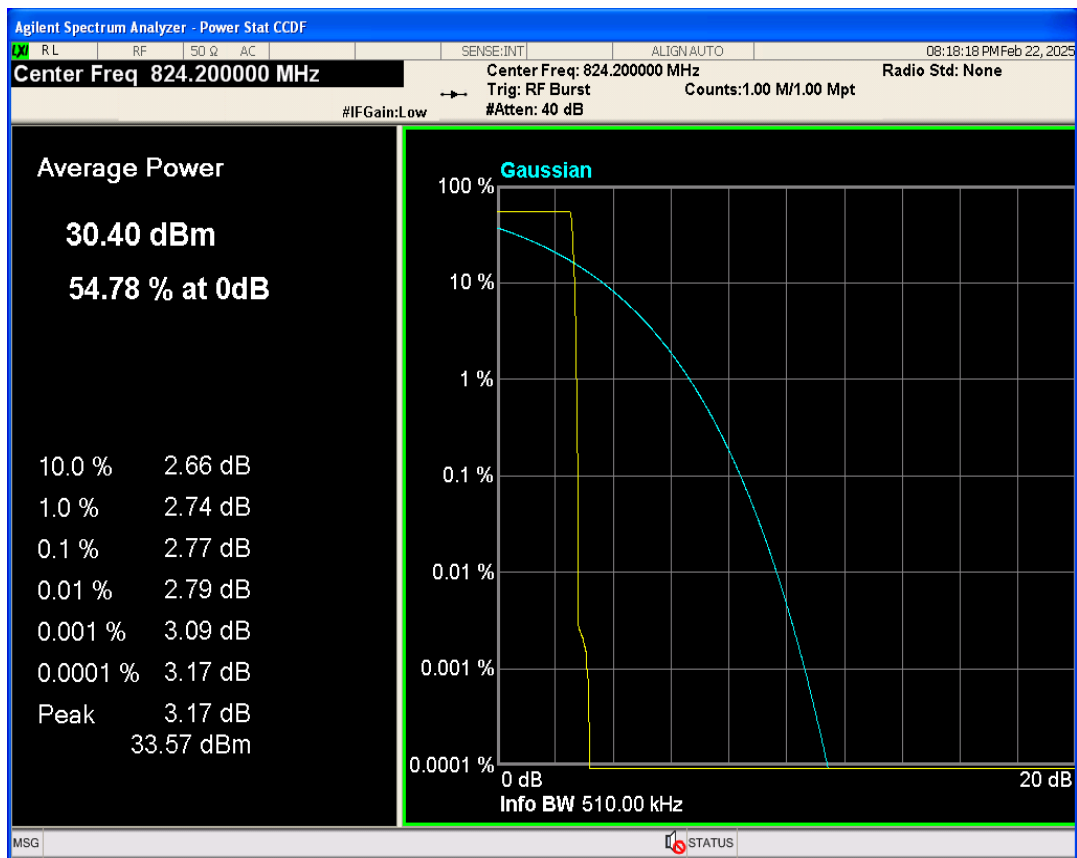
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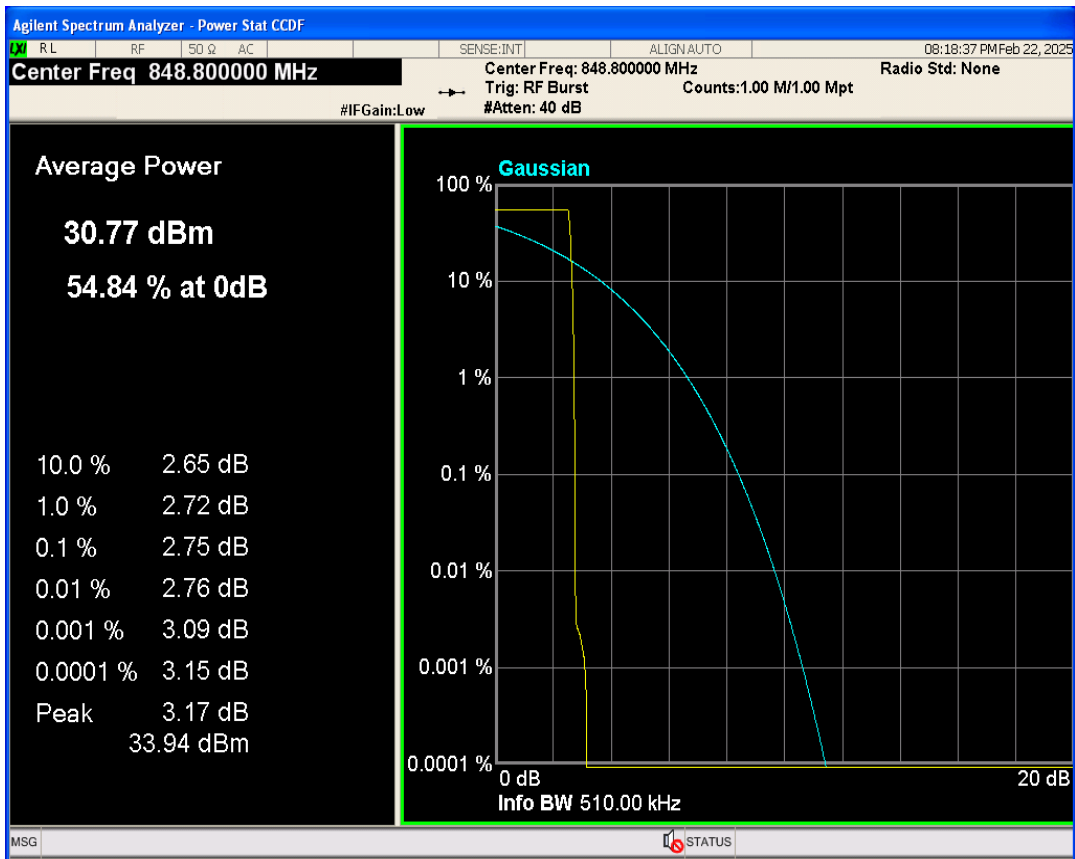
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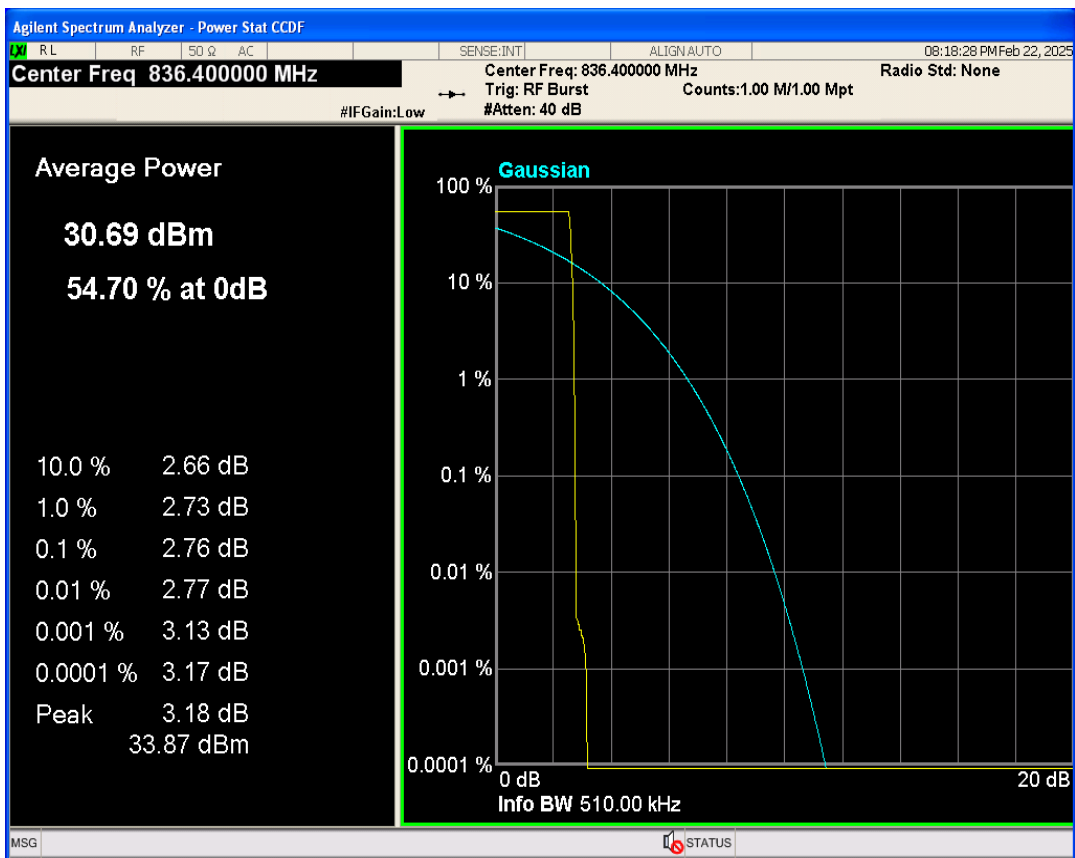
GPRS850 Channel=128



GPRS850 Channel=251



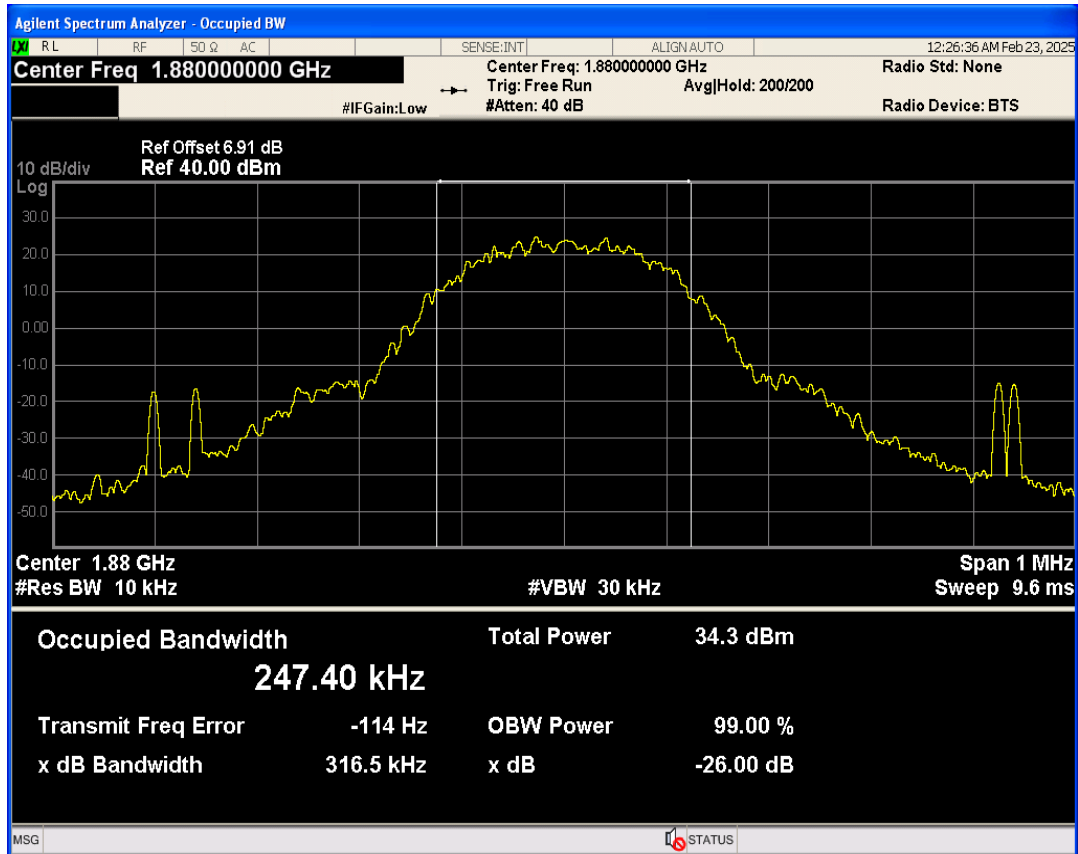
GPRS850 Channel=189



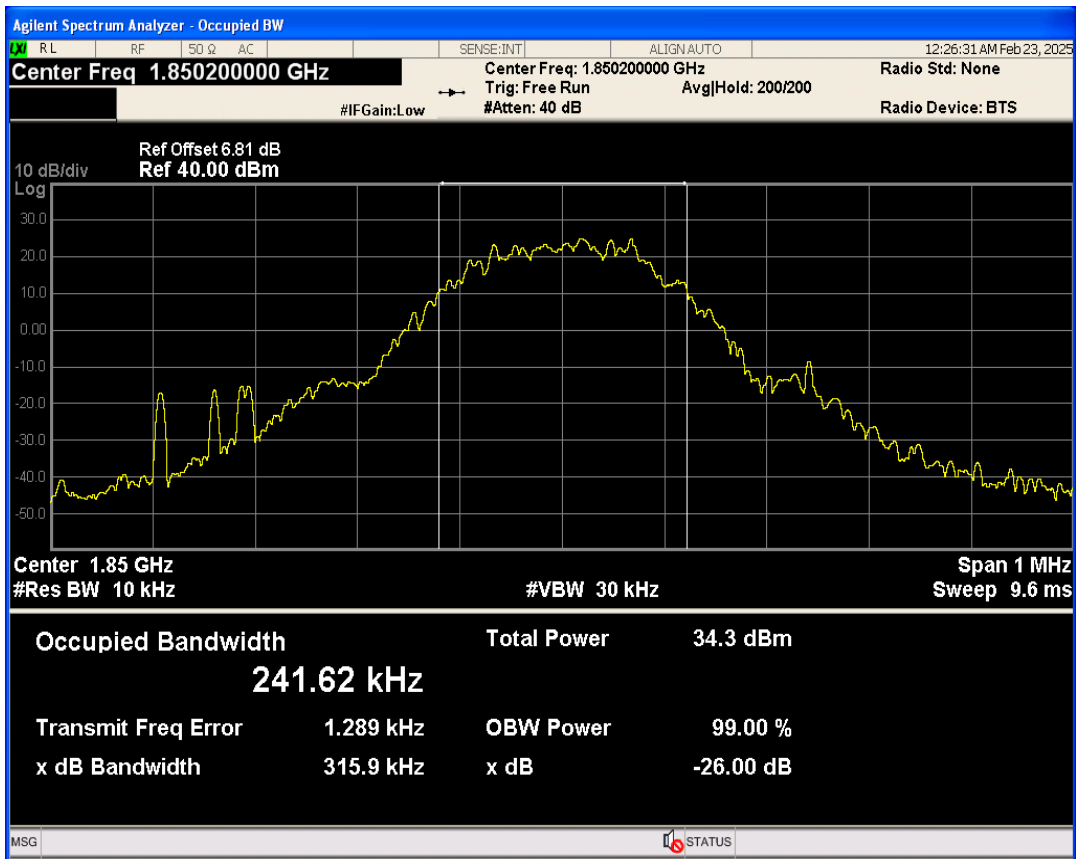
10 Occupied bandwidth

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 241.618       | 315.940         | PASS    |
| GPRS1900 | 661     | 1880            | 247.399       | 316.503         | PASS    |
| GPRS1900 | 810     | 1909.8          | 241.117       | 311.743         | PASS    |
| GPRS850  | 128     | 824.2           | 245.217       | 322.673         | PASS    |
| GPRS850  | 189     | 836.4           | 245.623       | 306.829         | PASS    |
| GPRS850  | 251     | 848.8           | 238.502       | 302.908         | PASS    |

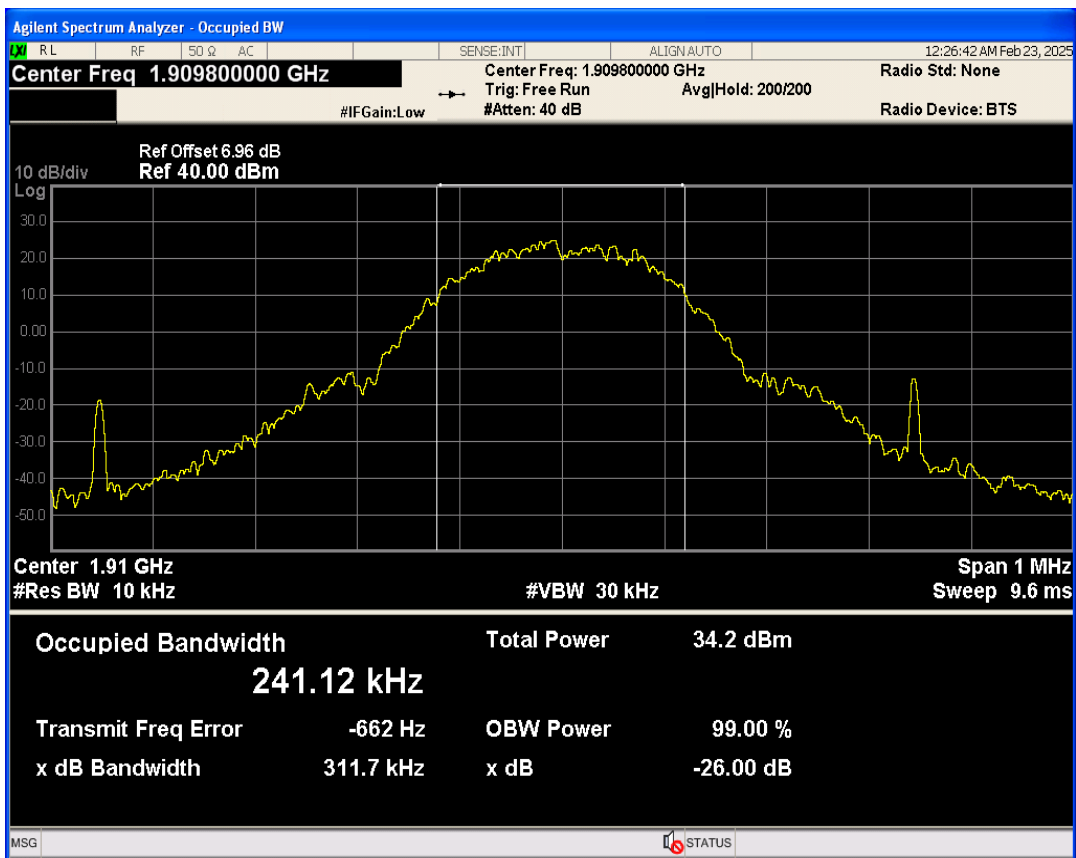
GPRS1900 Channel=661



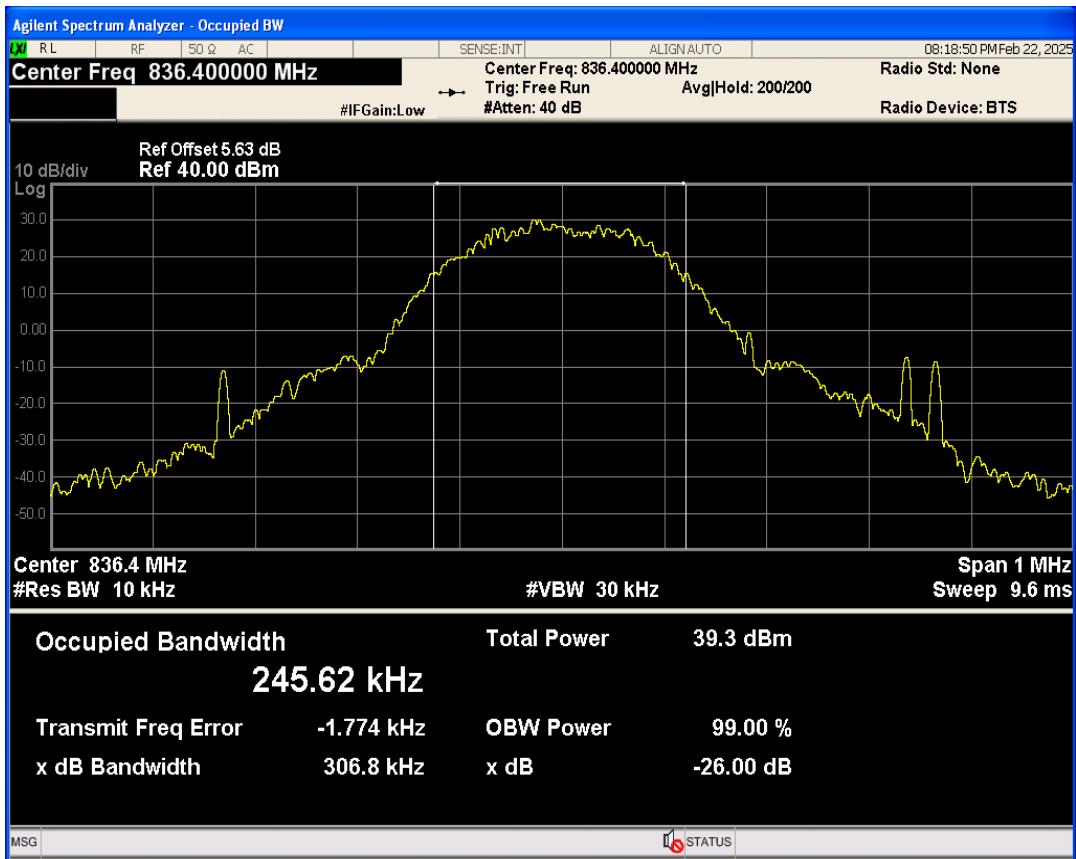
GPRS1900 Channel=512



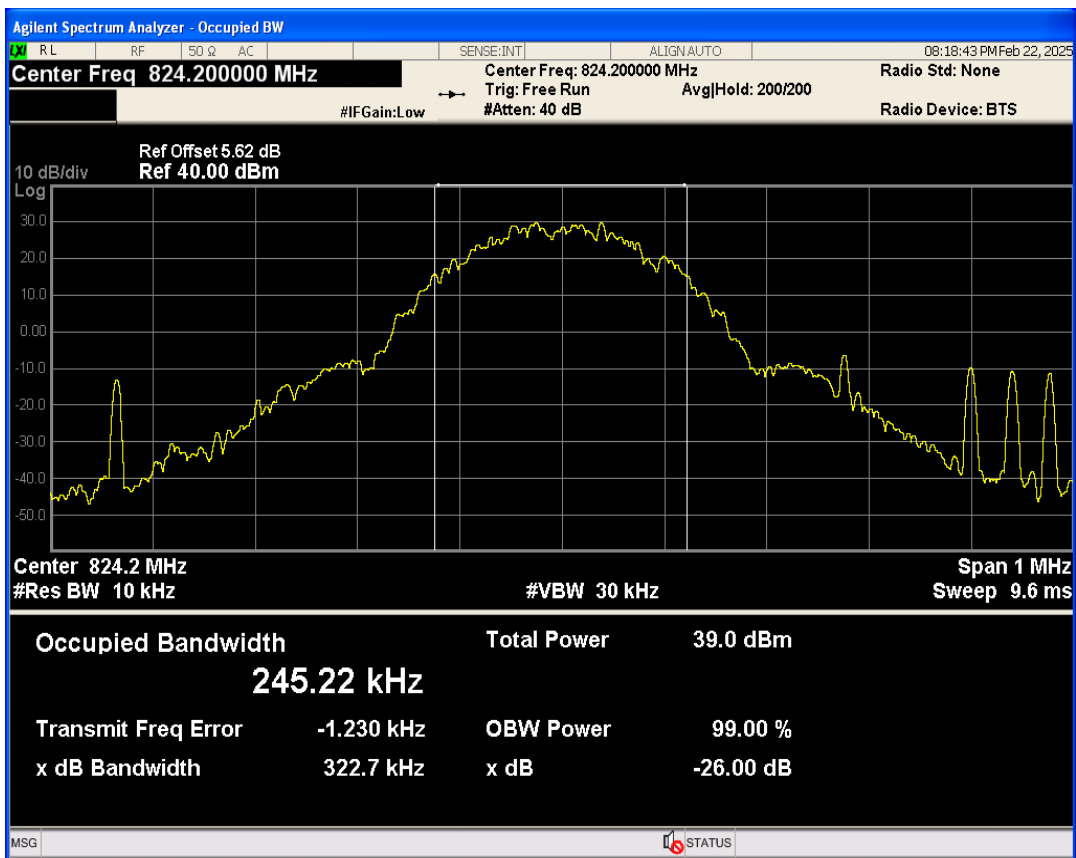
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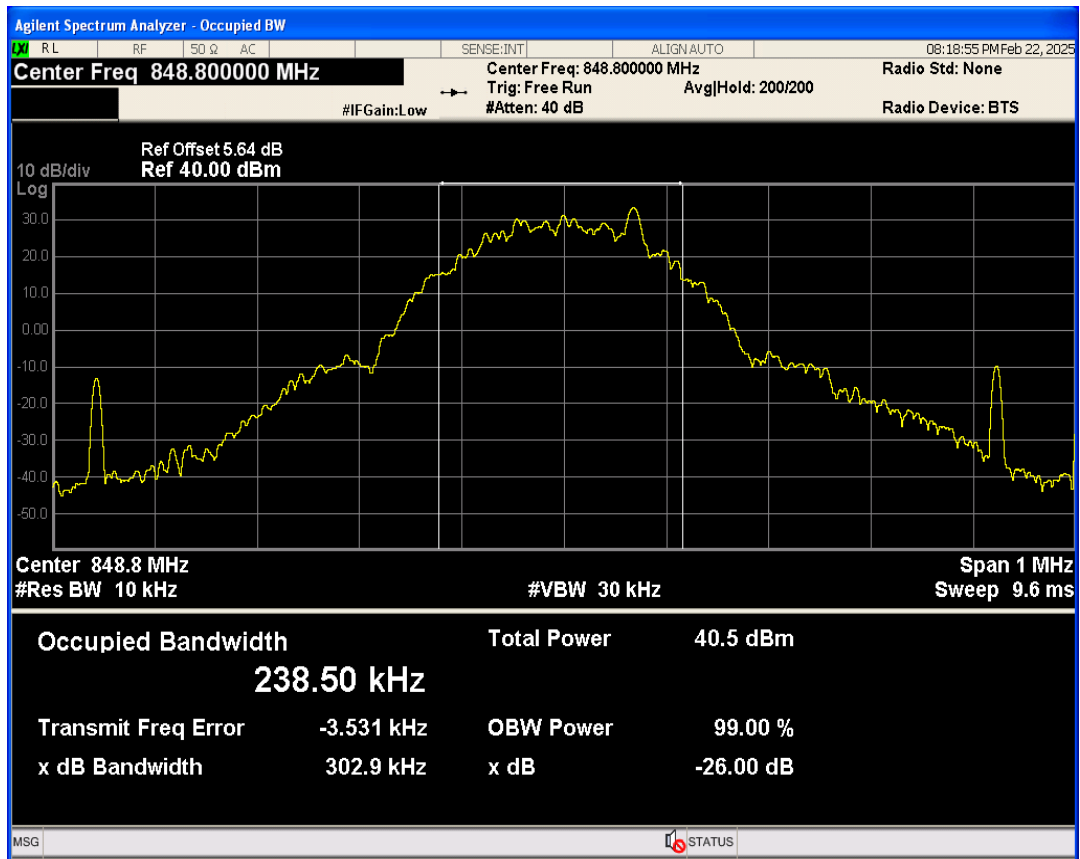
GPRS850 Channel=189



GPRS850 Channel=128



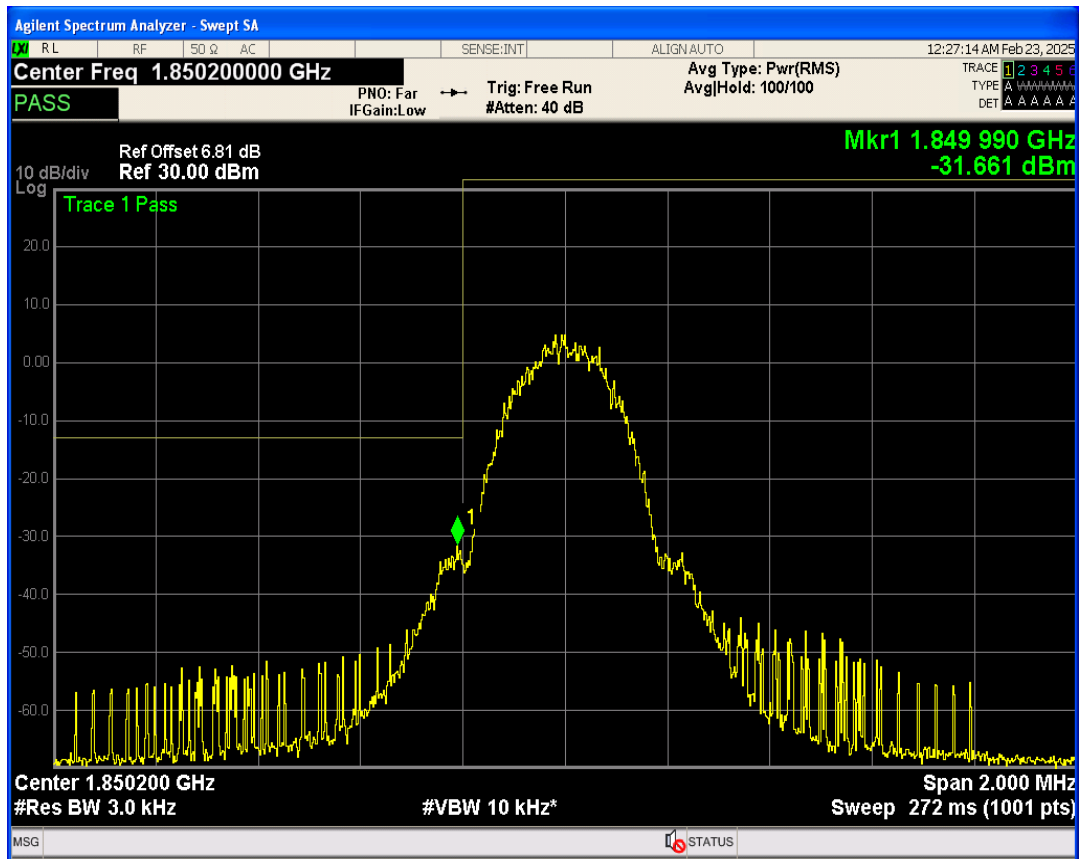
GPRS850 Channel=251



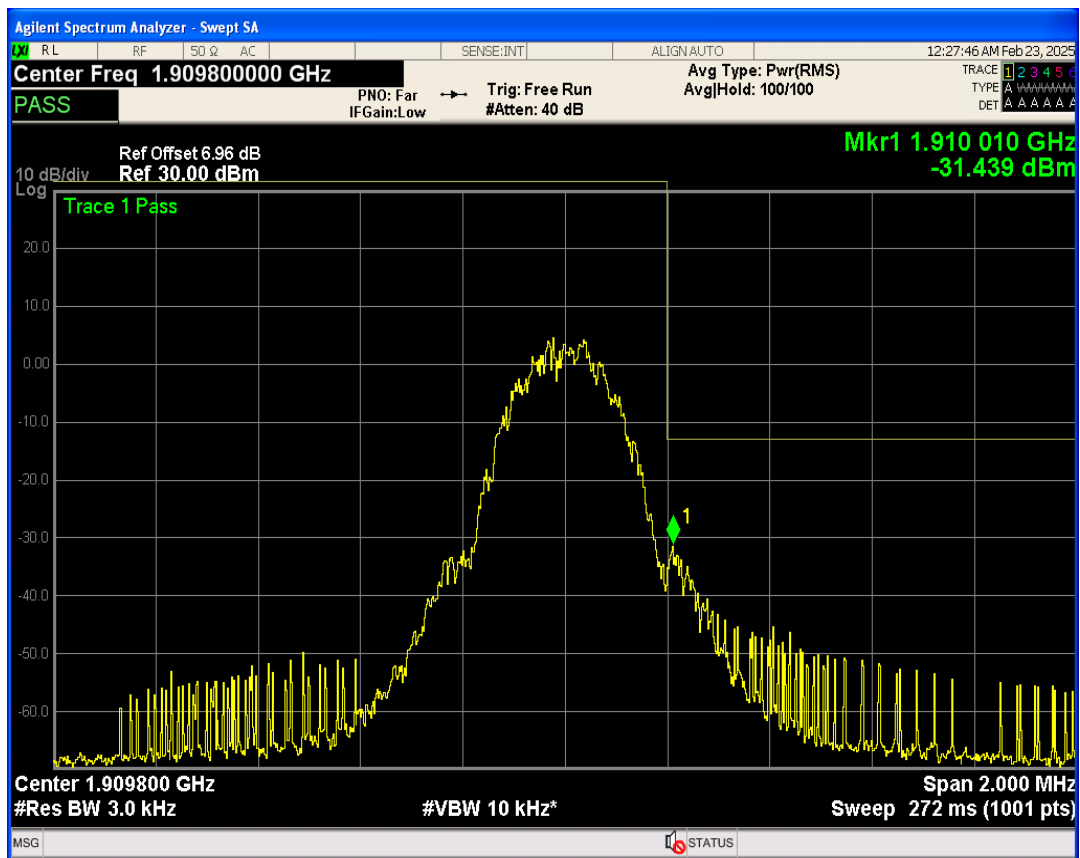
## 11 Band edge

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1849.99         | -31.66           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.01         | -31.43           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 823.98          | -26.49           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.02          | -26.39           | -13         | PASS    |

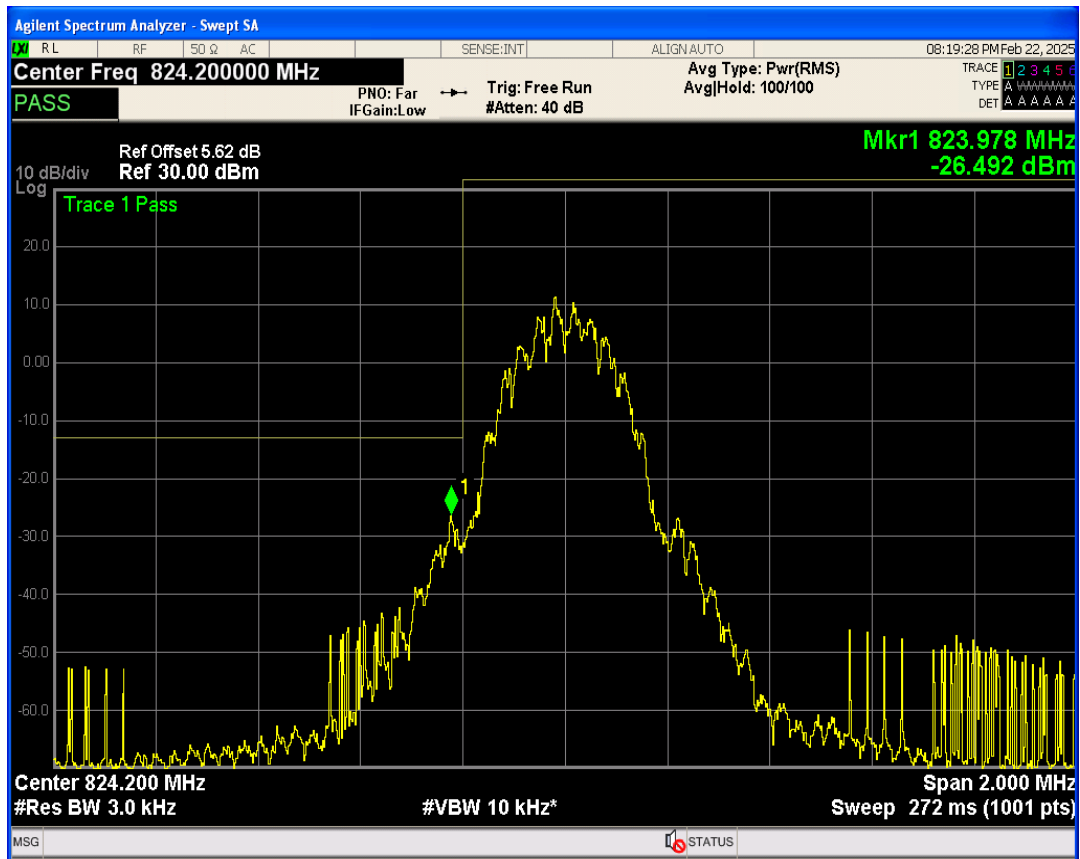
GPRS1900 Channel=512



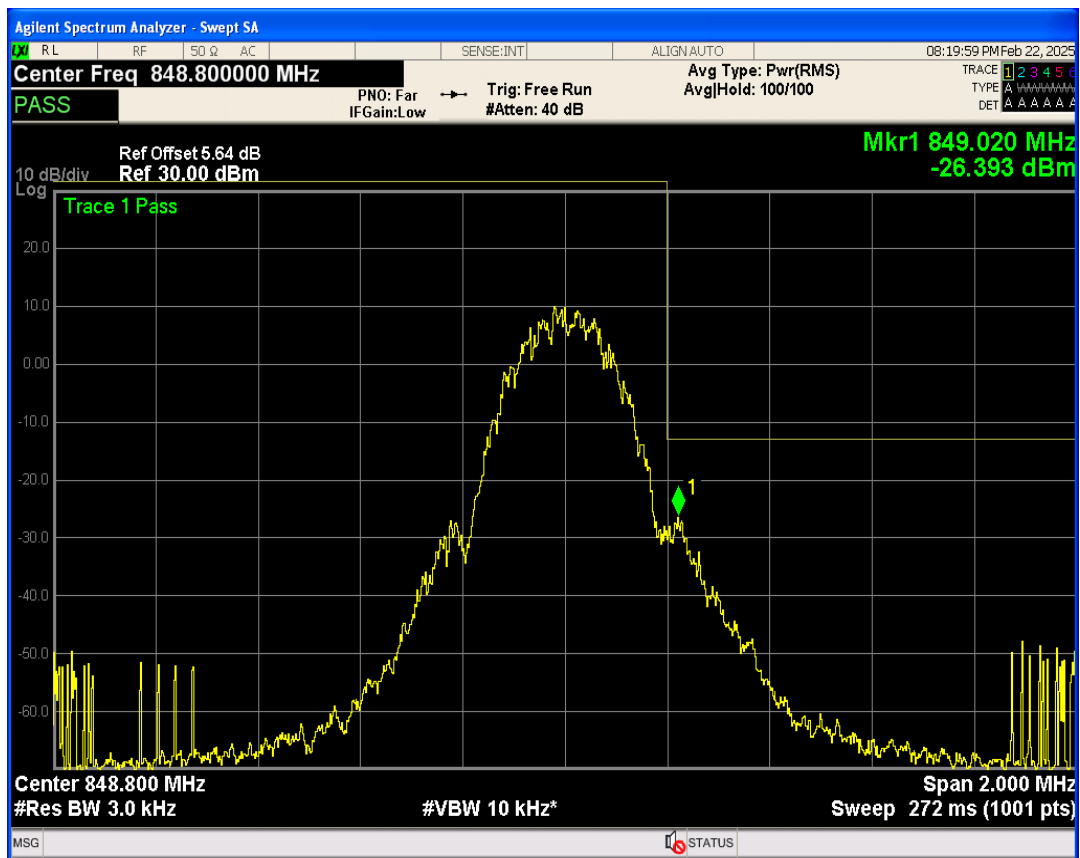
GPRS1900 Channel=810



GPRS850 Channel=128



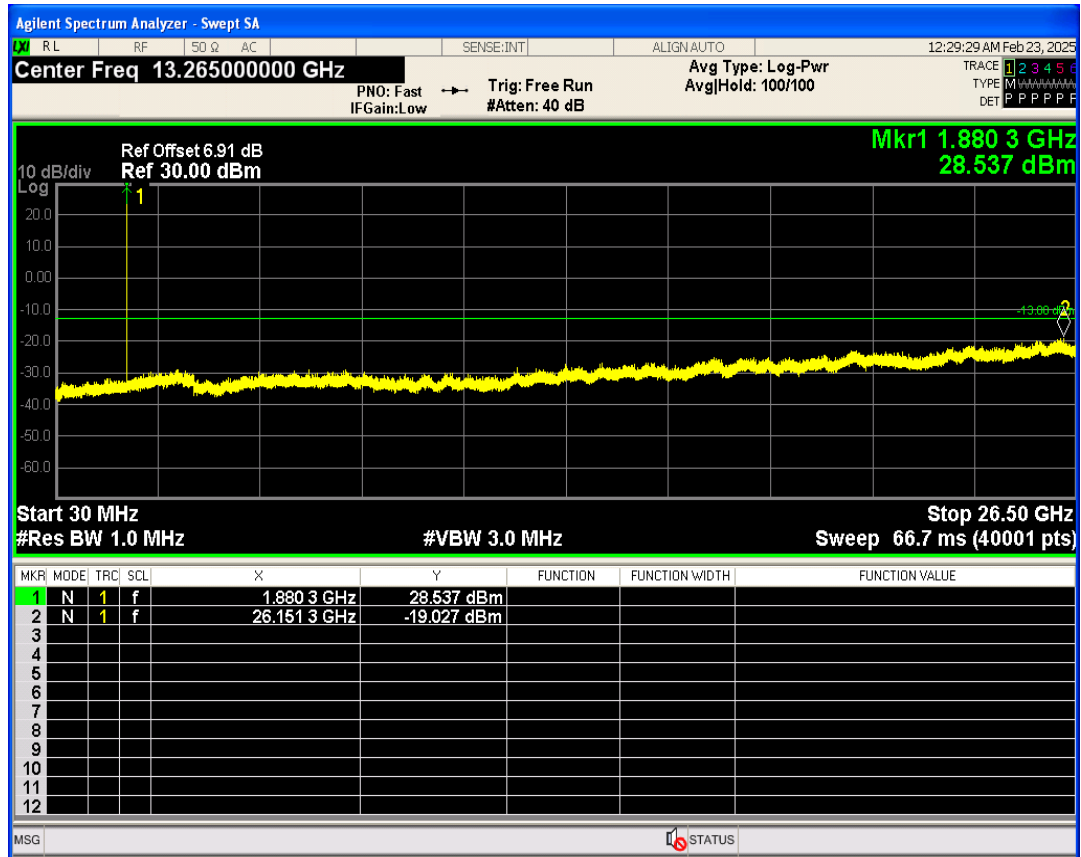
GPRS850 Channel=251



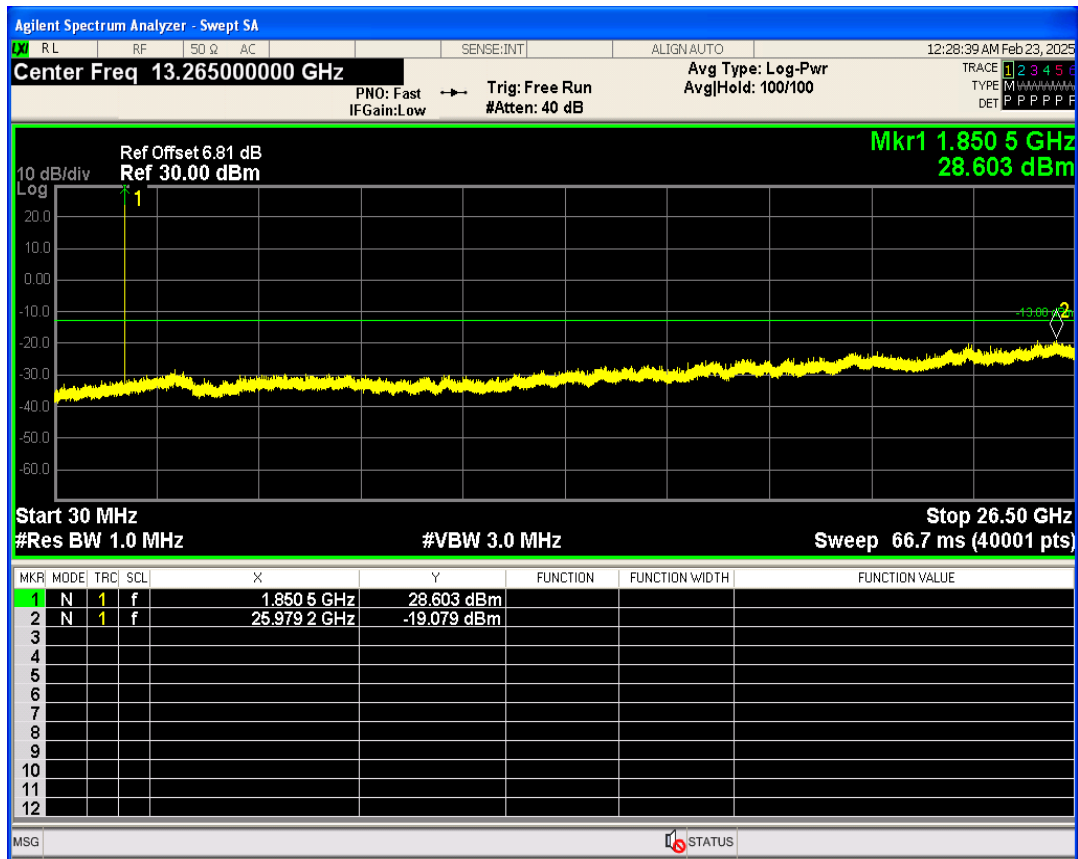
12 Out-of-band emissions

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 25979.20        | -19.07           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 26151.26        | -19.02           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 25963.32        | -18.84           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 796.31          | -12.22           | -13         | FAIL    |
| GPRS850  | 189     | 836.4           | 25932.22        | -20.24           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 26106.92        | -20.56           | -13         | PASS    |

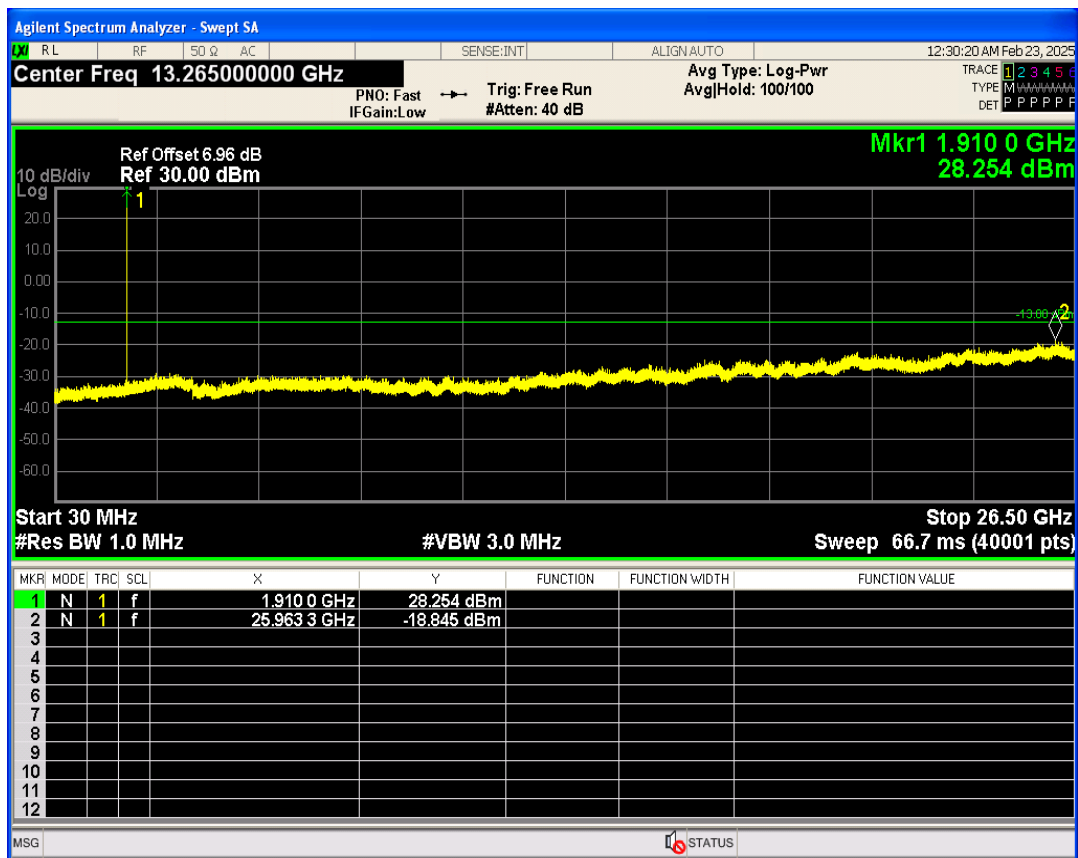
GPRS1900 Channel=661



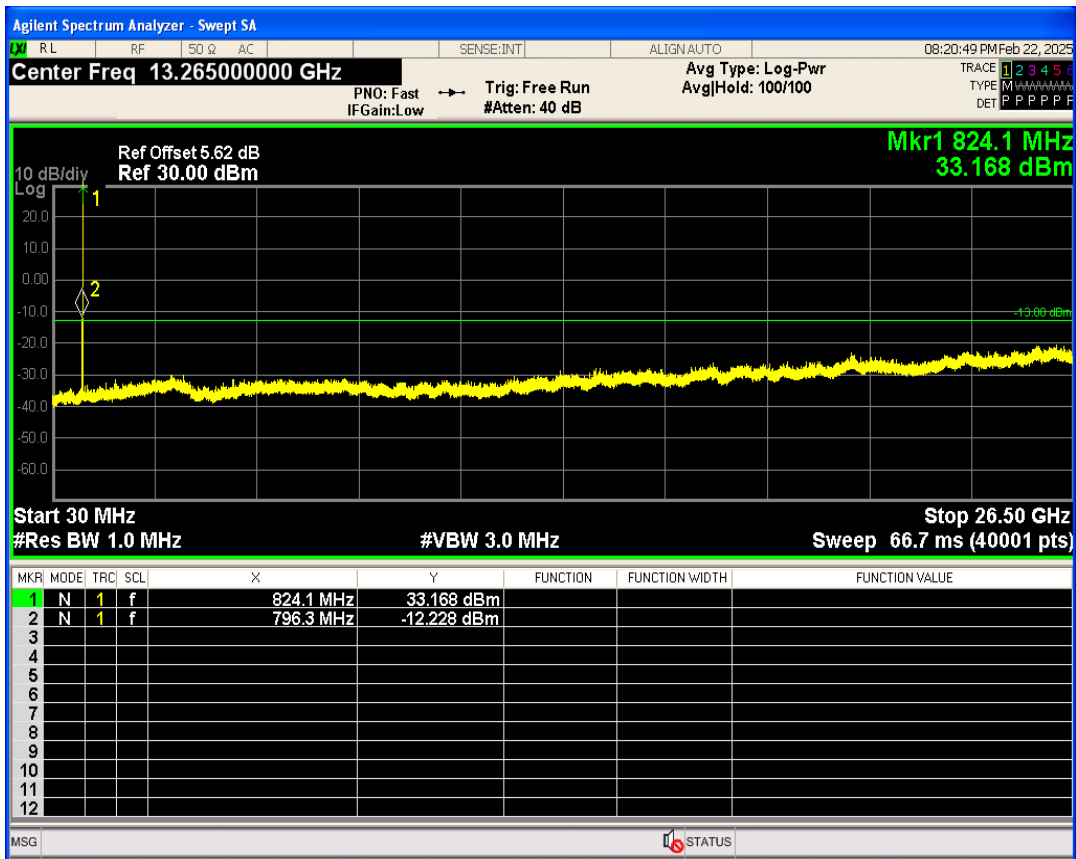
GPRS1900 Channel=512



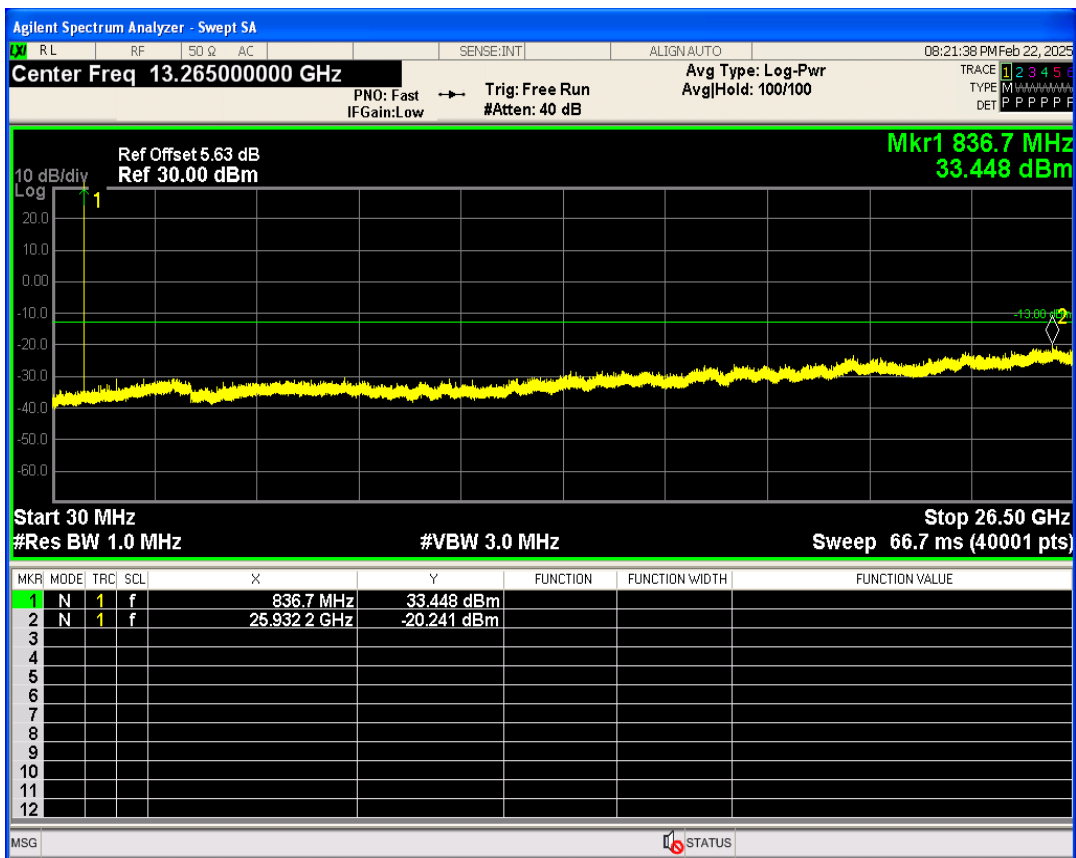
GPRS1900 Channel=810



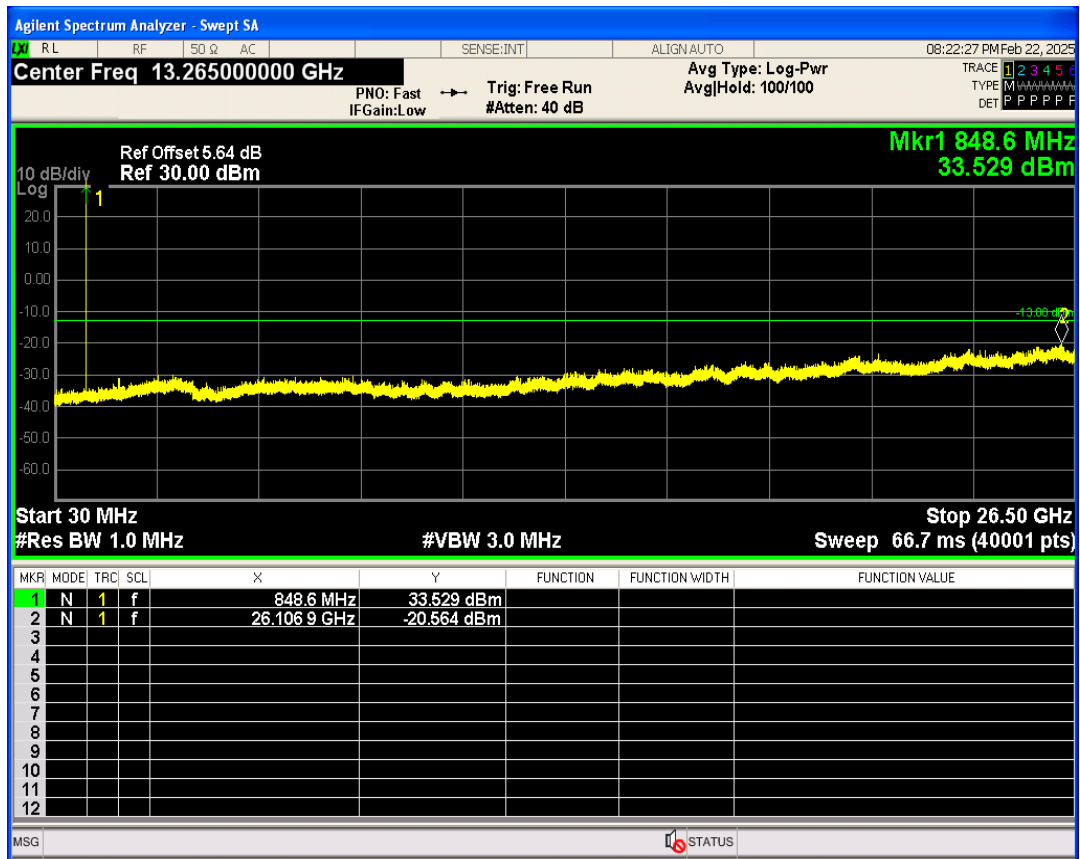
GPRS850 Channel=128



GPRS850 Channel=189



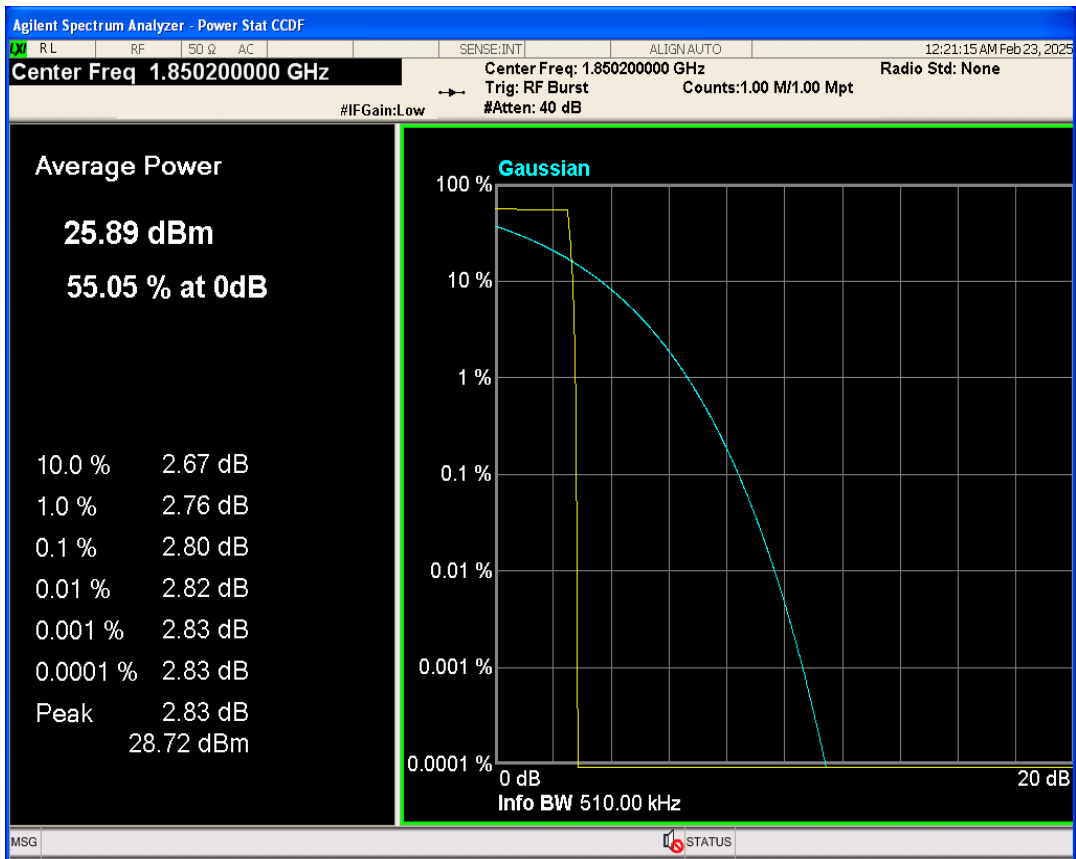
GPRS850 Channel=251



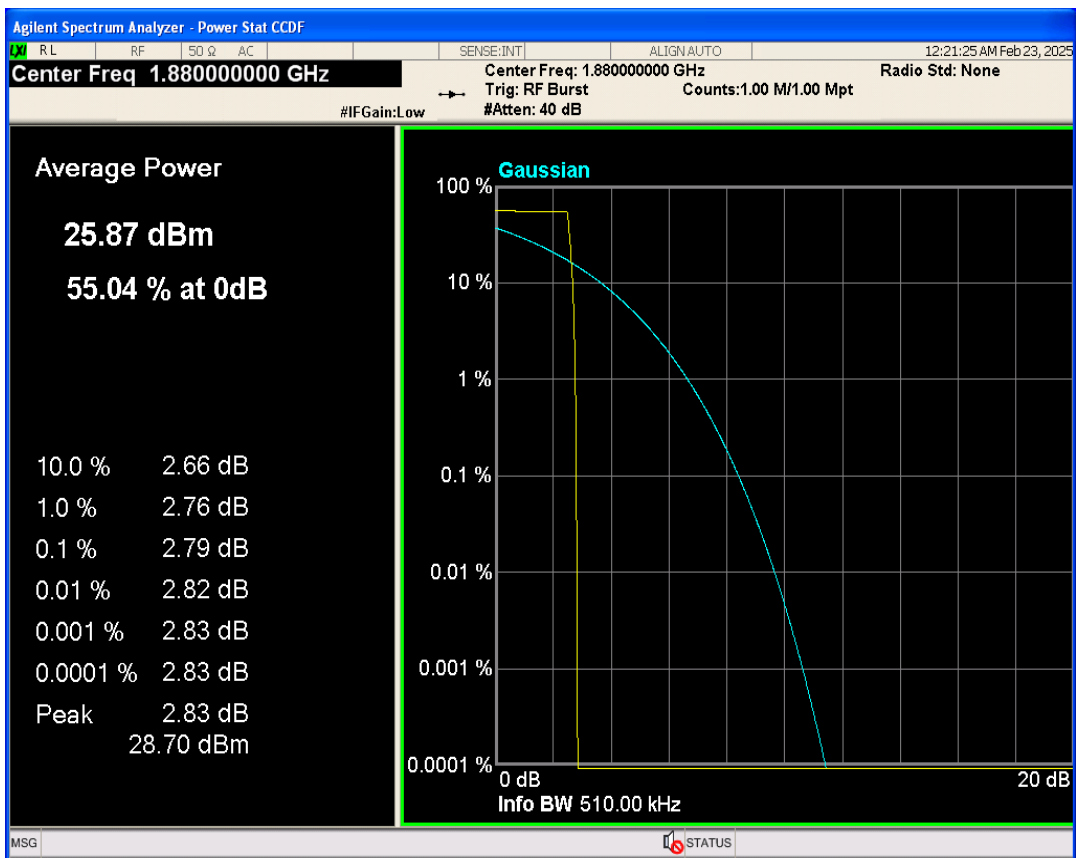
### 03 Peak-to-Average Ratio

| Band    | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 2.80        | 13              | PASS    |
| GSM1900 | 661     | 1880            | 2.79        | 13              | PASS    |
| GSM1900 | 810     | 1909.8          | 2.80        | 13              | PASS    |
| GSM850  | 128     | 824.2           | 2.72        | 13              | PASS    |
| GSM850  | 189     | 836.4           | 2.71        | 13              | PASS    |
| GSM850  | 251     | 848.8           | 2.71        | 13              | PASS    |

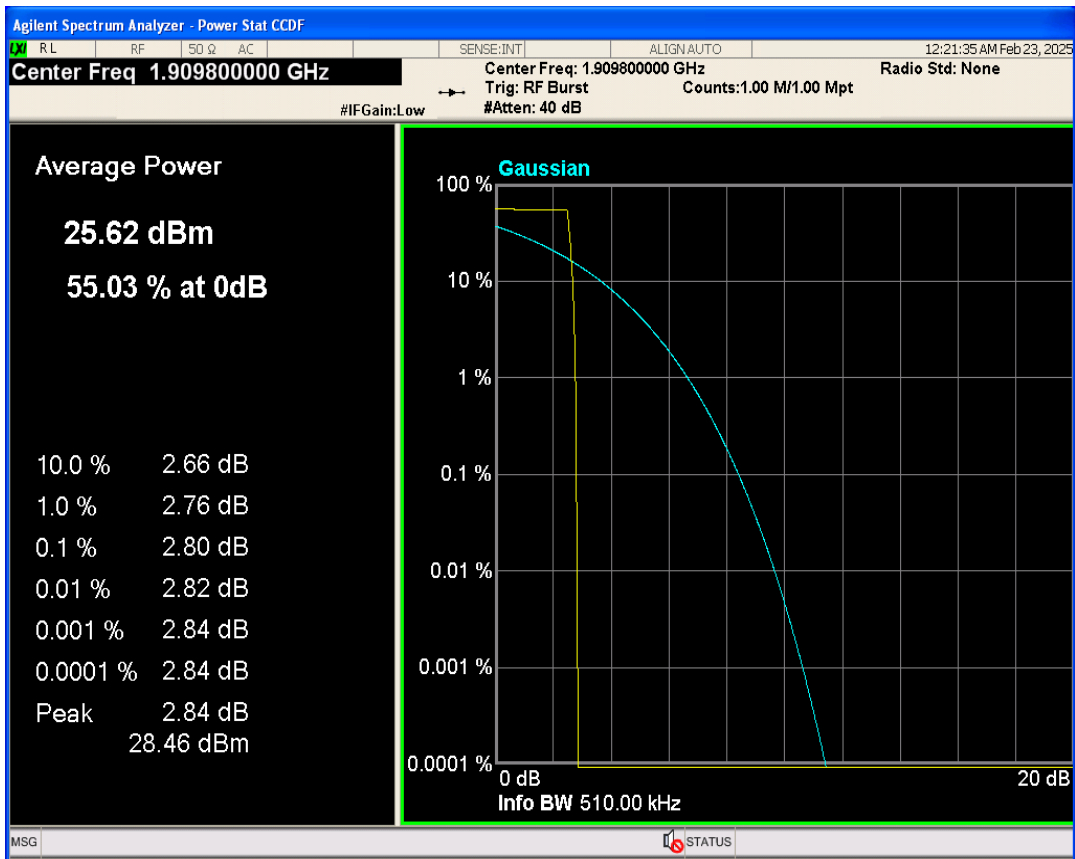
GSM1900 Channel=512



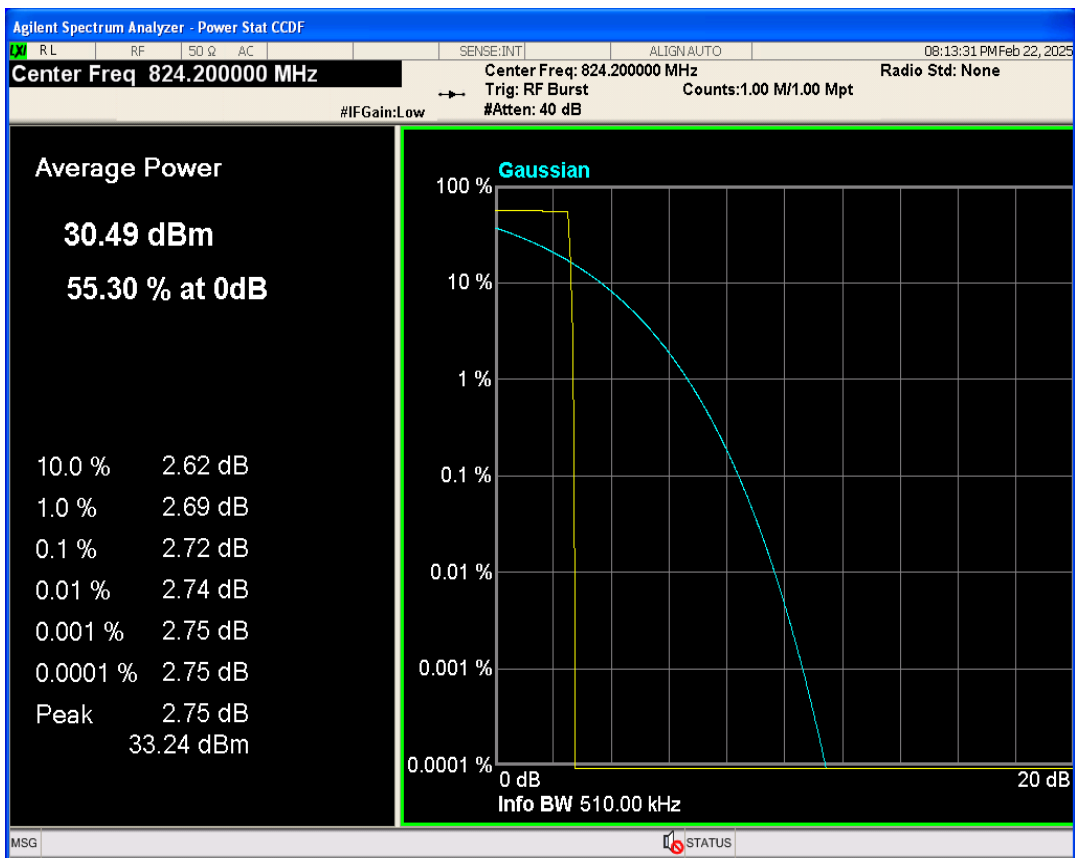
GSM1900 Channel=661



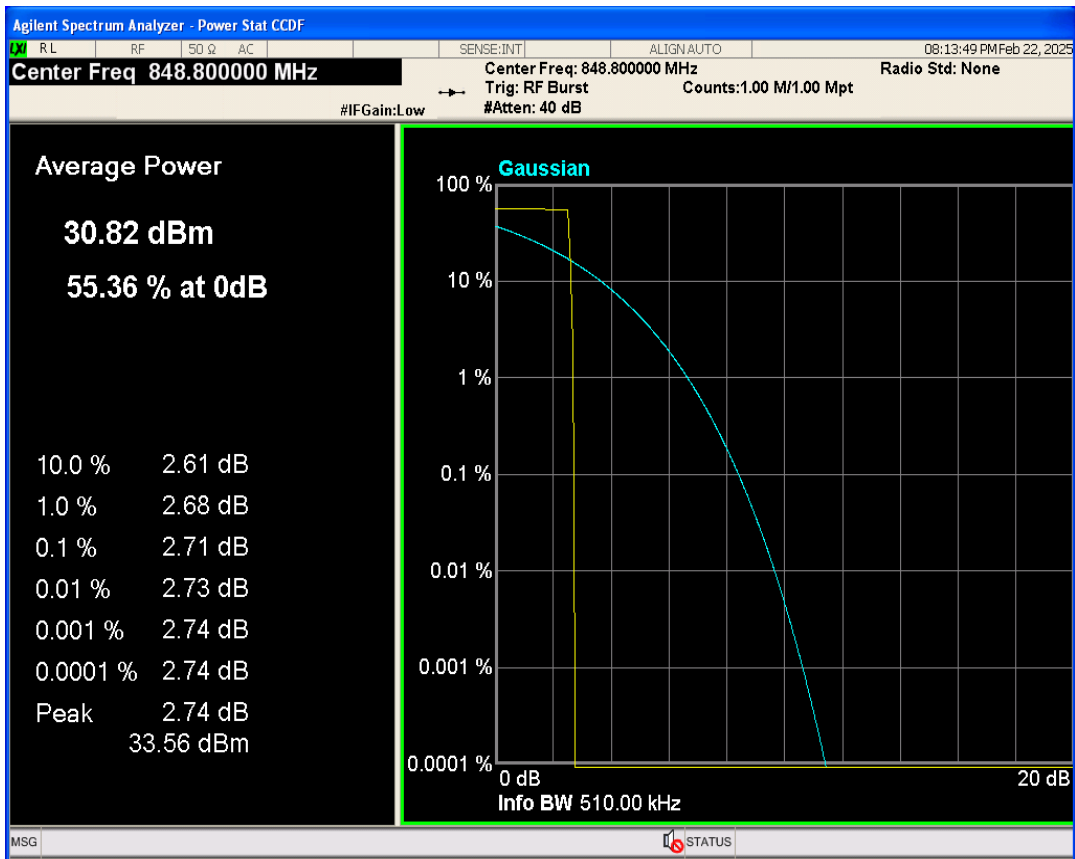
GSM1900 Channel=810



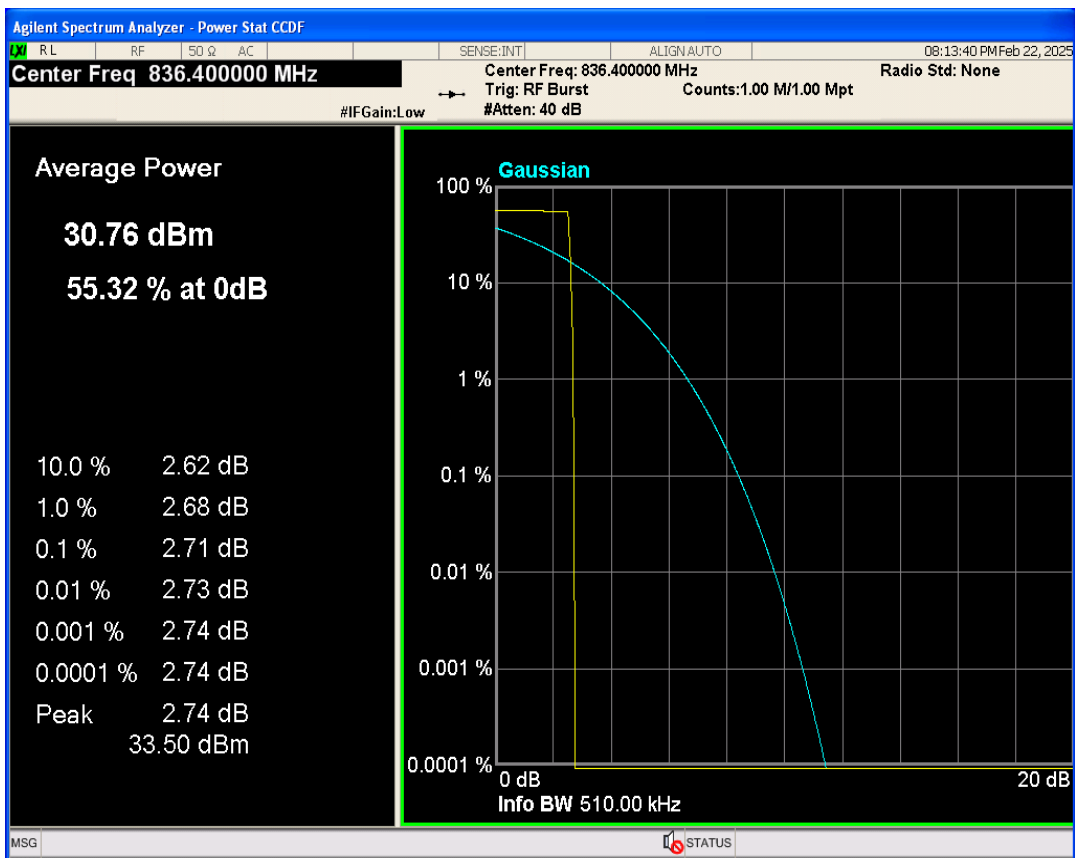
GSM850 Channel=128



GSM850 Channel=251



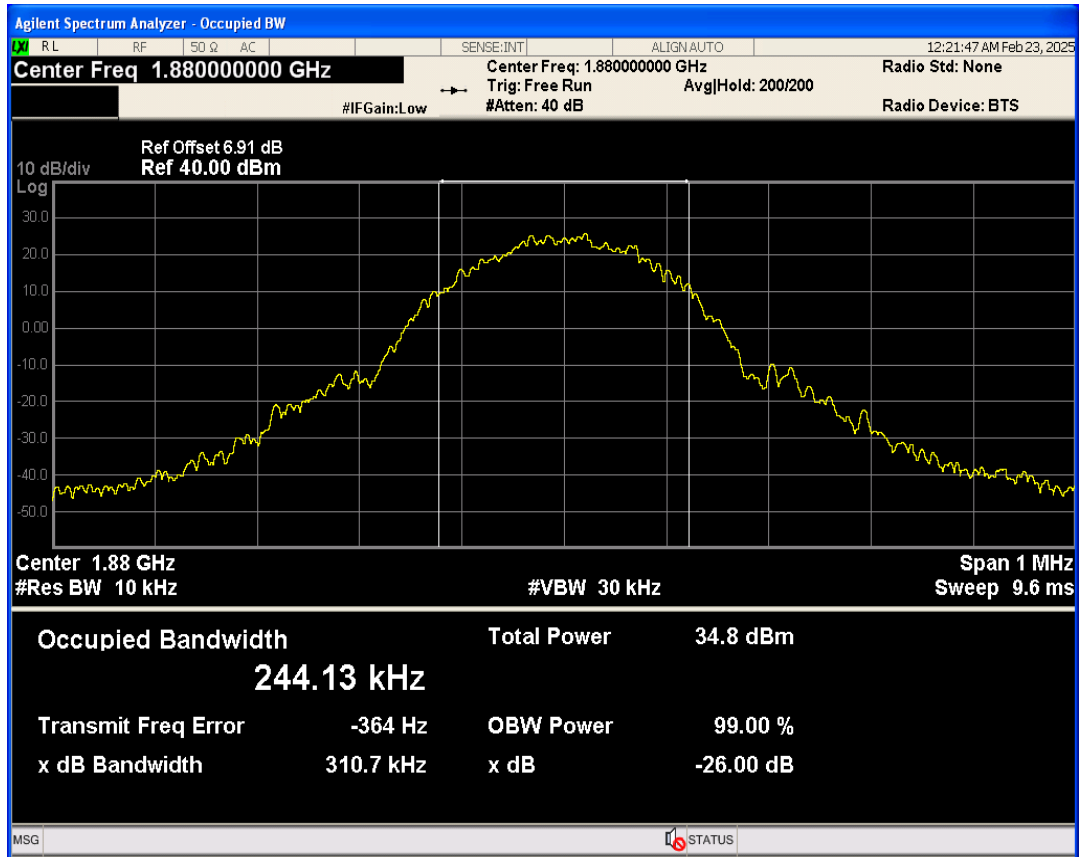
GSM850 Channel=189



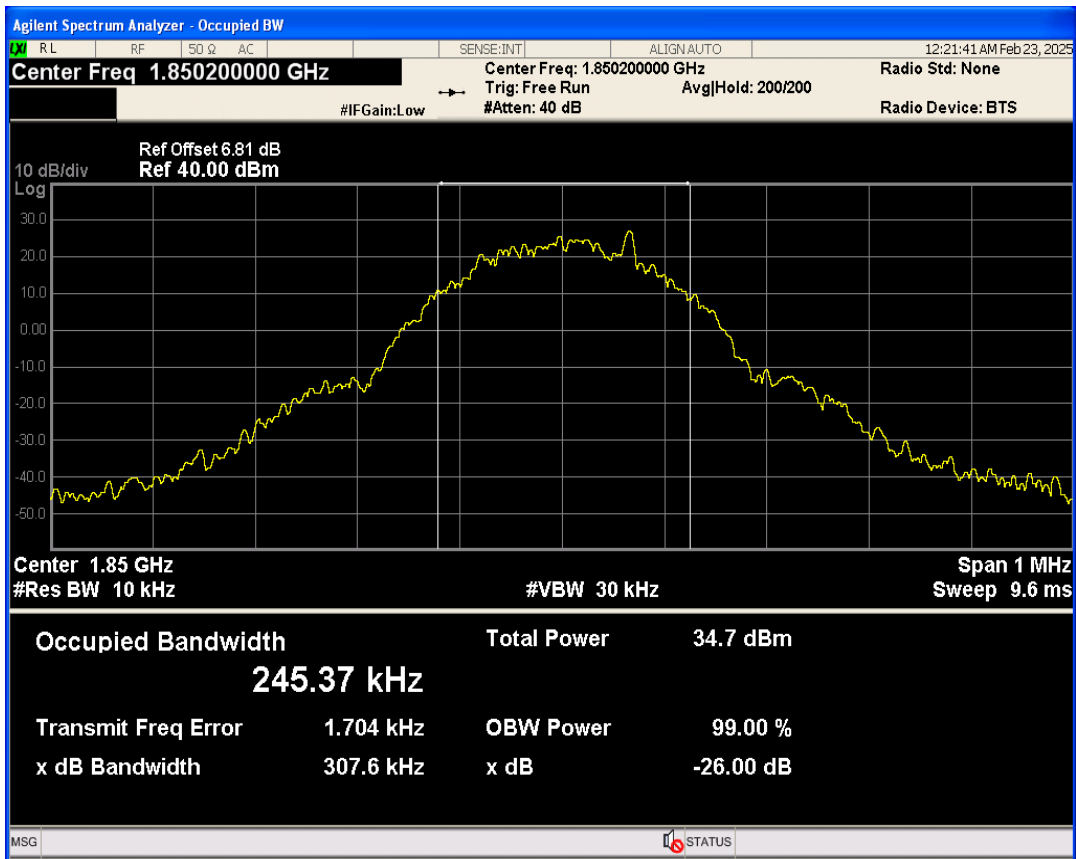
04 Occupied bandwidth

| Band    | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 245.367       | 307.611         | PASS    |
| GSM1900 | 661     | 1880            | 244.128       | 310.659         | PASS    |
| GSM1900 | 810     | 1909.8          | 241.118       | 310.182         | PASS    |
| GSM850  | 128     | 824.2           | 247.165       | 312.296         | PASS    |
| GSM850  | 189     | 836.4           | 246.708       | 309.172         | PASS    |
| GSM850  | 251     | 848.8           | 240.286       | 313.314         | PASS    |

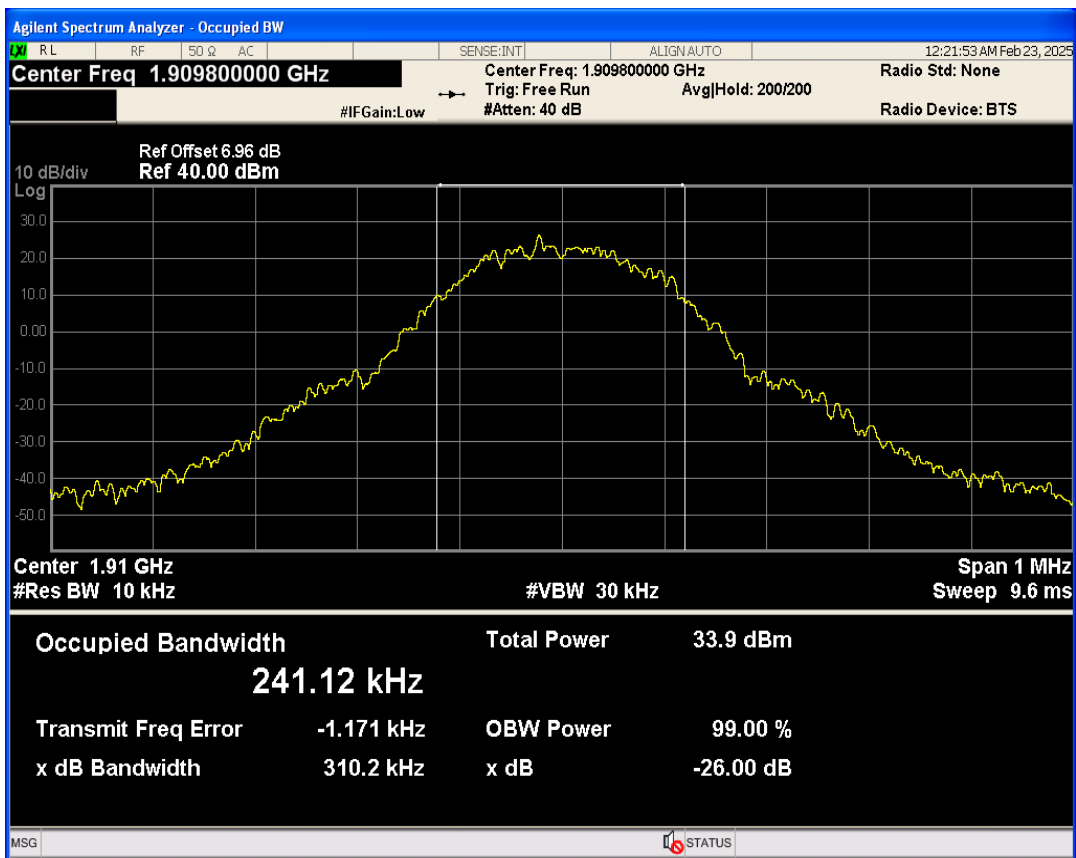
GSM1900 Channel=661



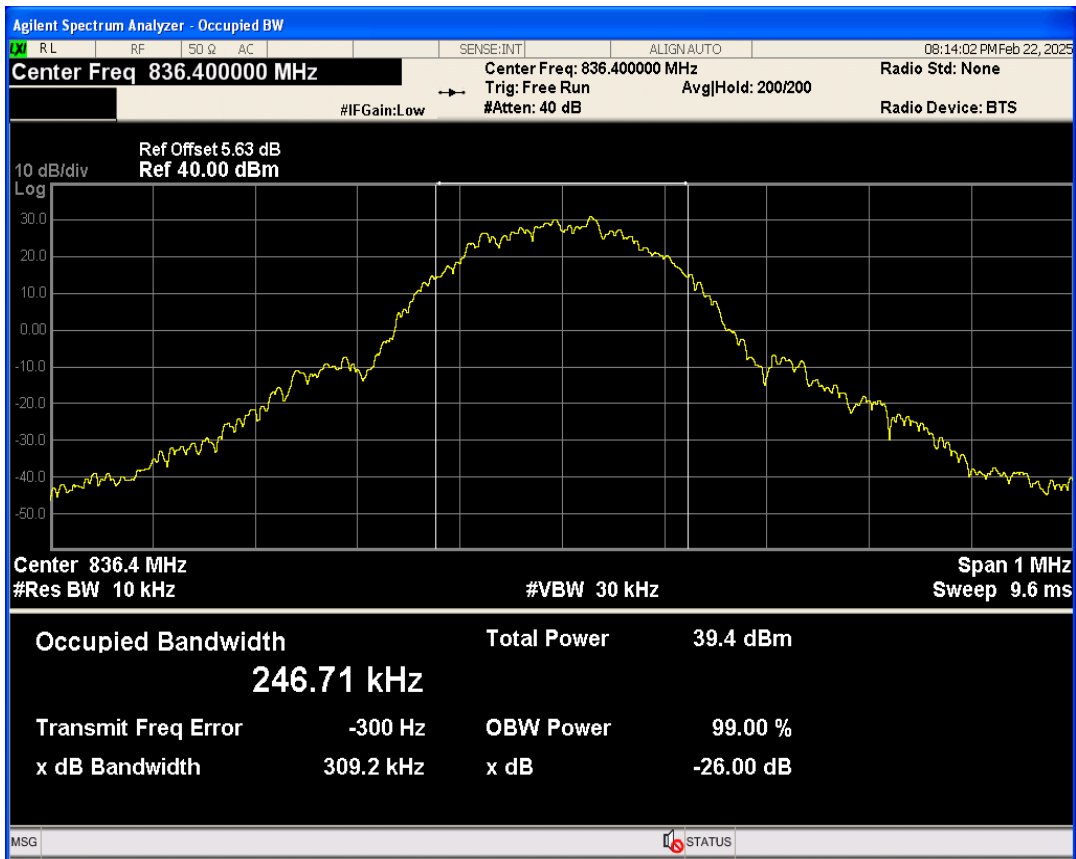
GSM1900 Channel=512



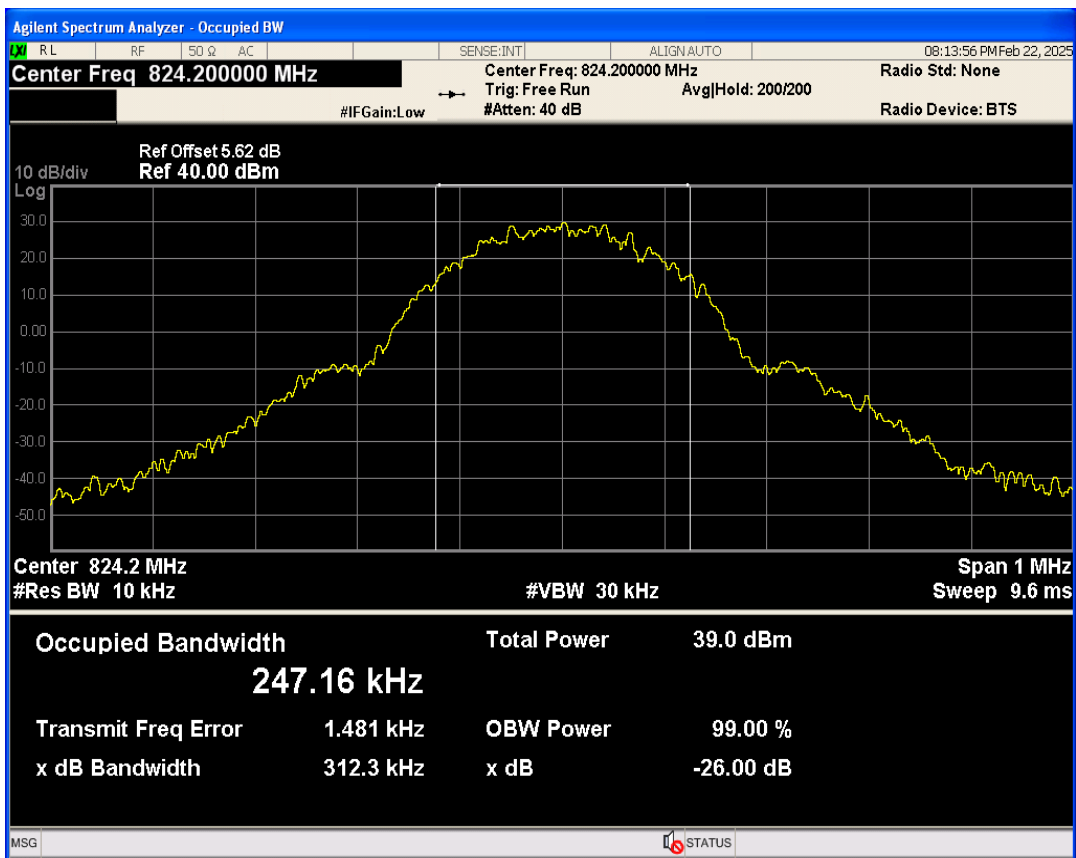
GSM1900 Channel=810



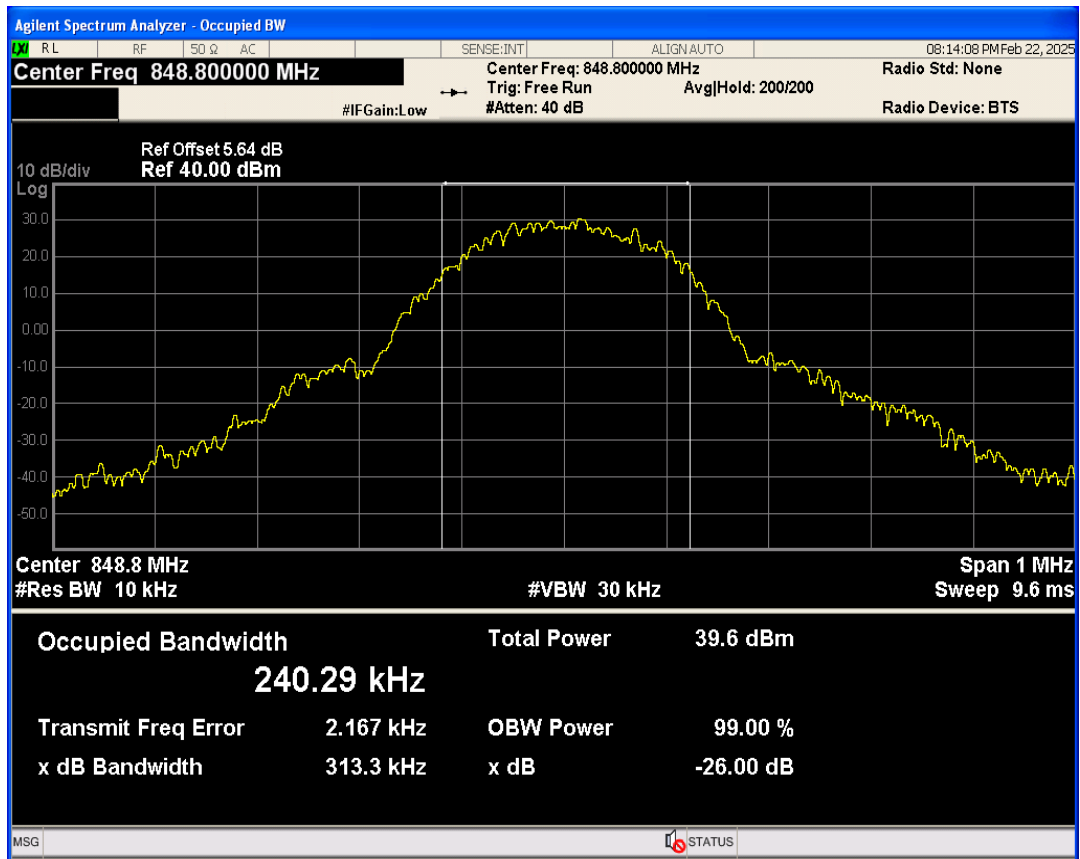
GSM850 Channel=189



GSM850 Channel=128



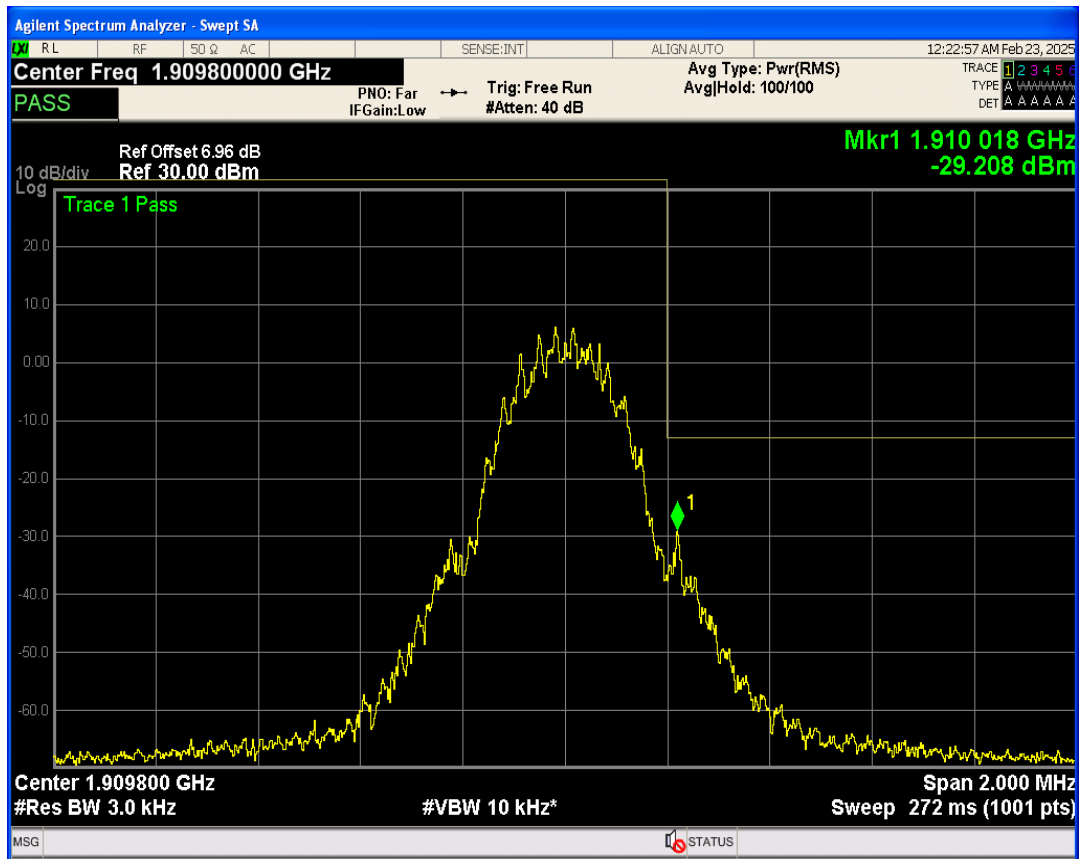
GSM850 Channel=251



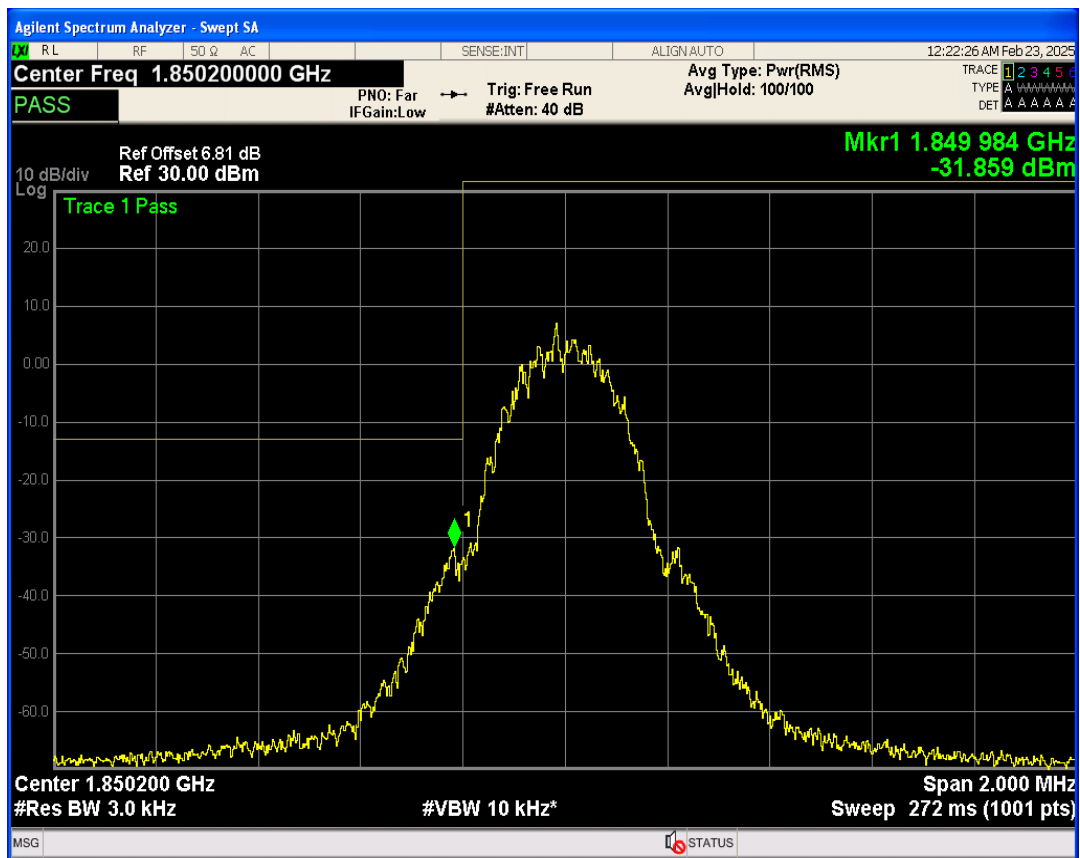
## 05 Band edge

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 1849.98         | -31.85           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 1910.02         | -29.20           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 823.98          | -25.97           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 849.02          | -24.92           | -13         | PASS    |

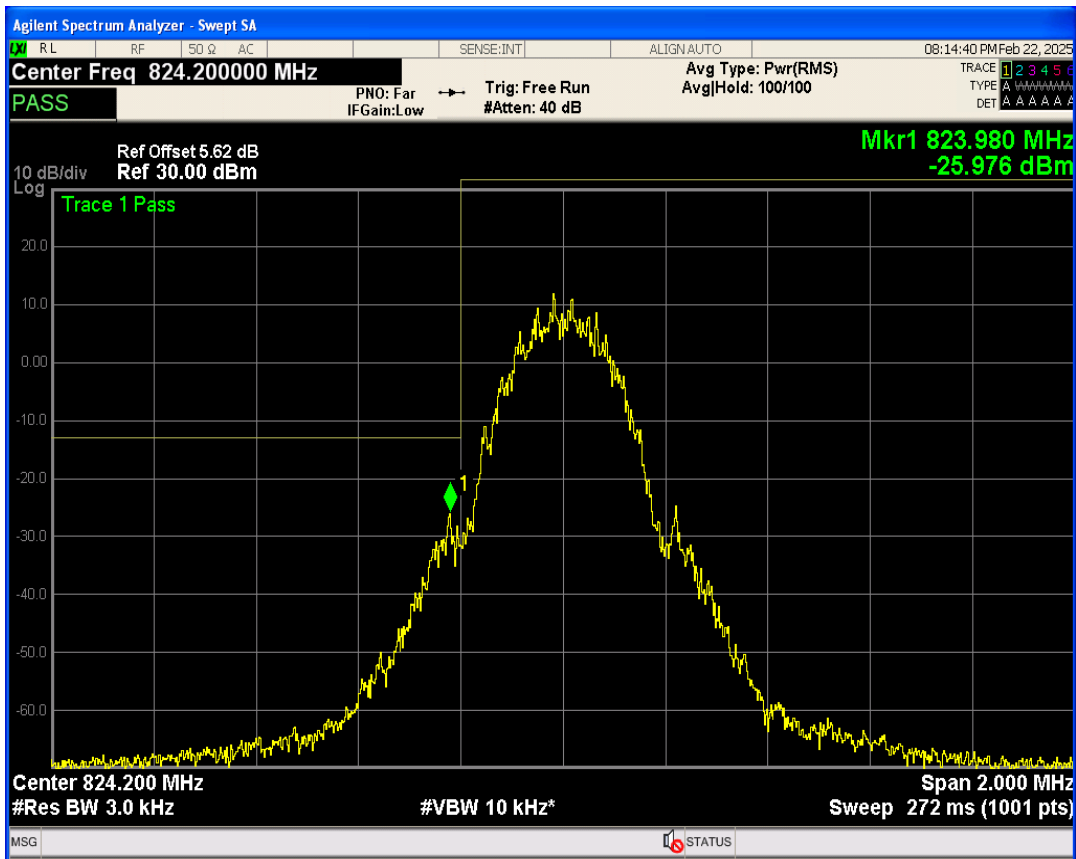
GSM1900 Channel=810



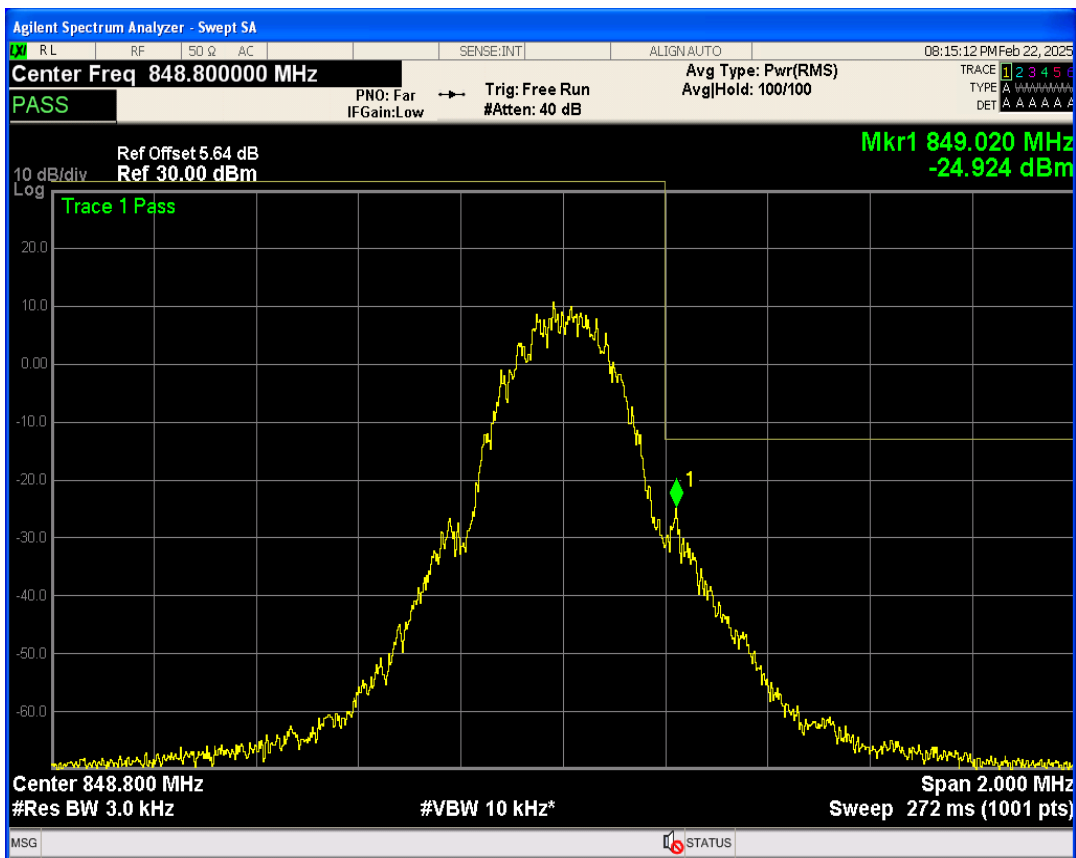
GSM1900 Channel=512



GSM850 Channel=128



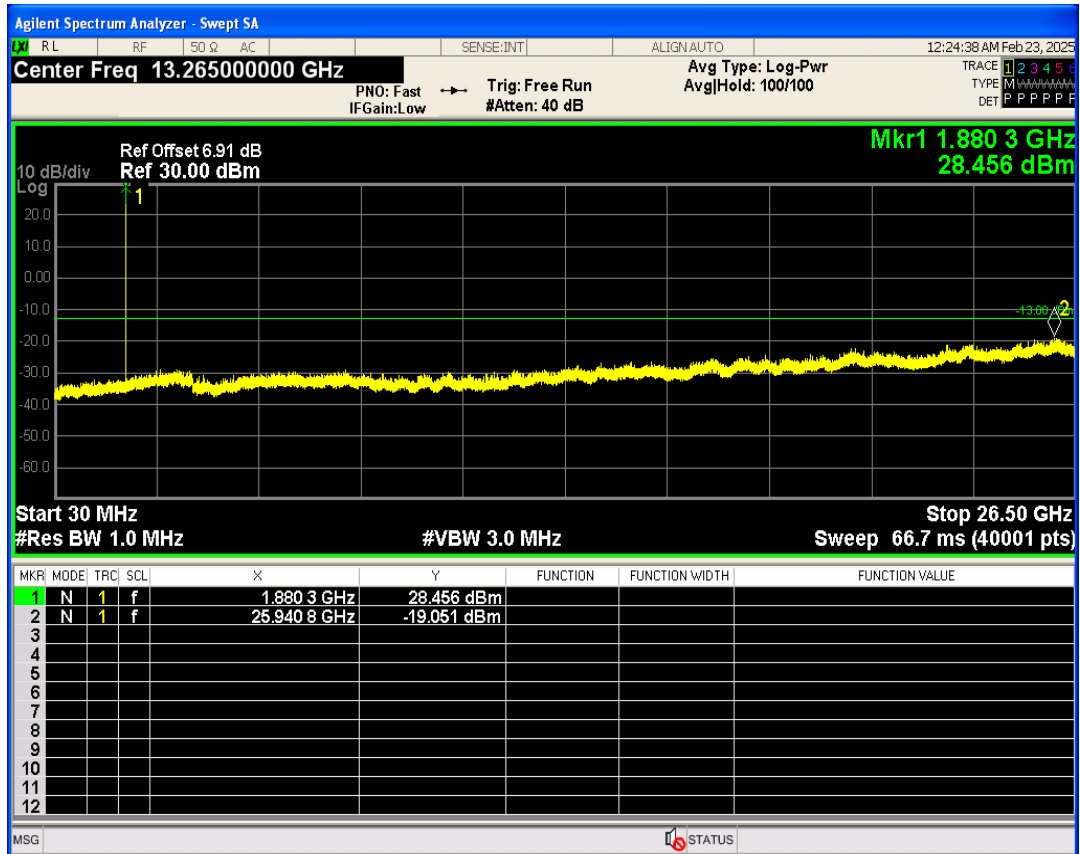
GSM850 Channel=251



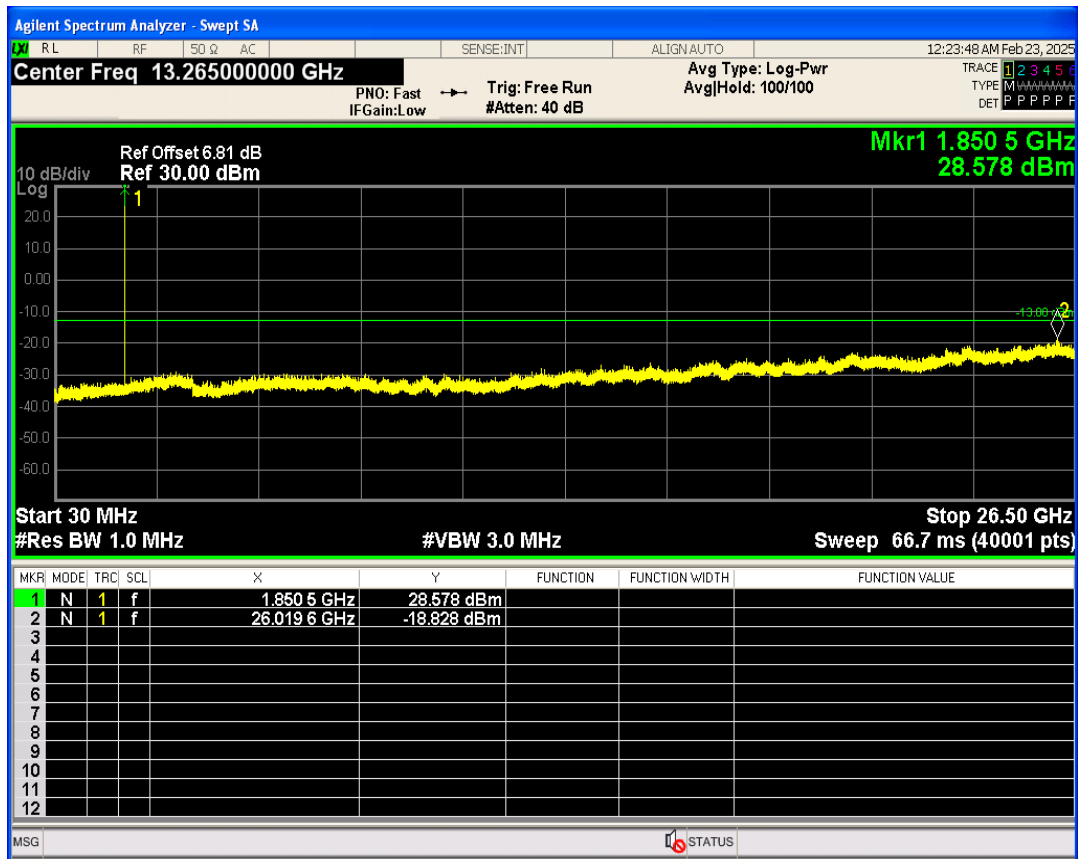
06 Out-of-band emissions

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 26019.57        | -18.82           | -13         | PASS    |
| GSM1900 | 661     | 1880            | 25940.82        | -19.05           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 25867.37        | -18.61           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 25920.31        | -20.73           | -13         | PASS    |
| GSM850  | 189     | 836.4           | 25792.59        | -20.73           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 25882.59        | -19.77           | -13         | PASS    |

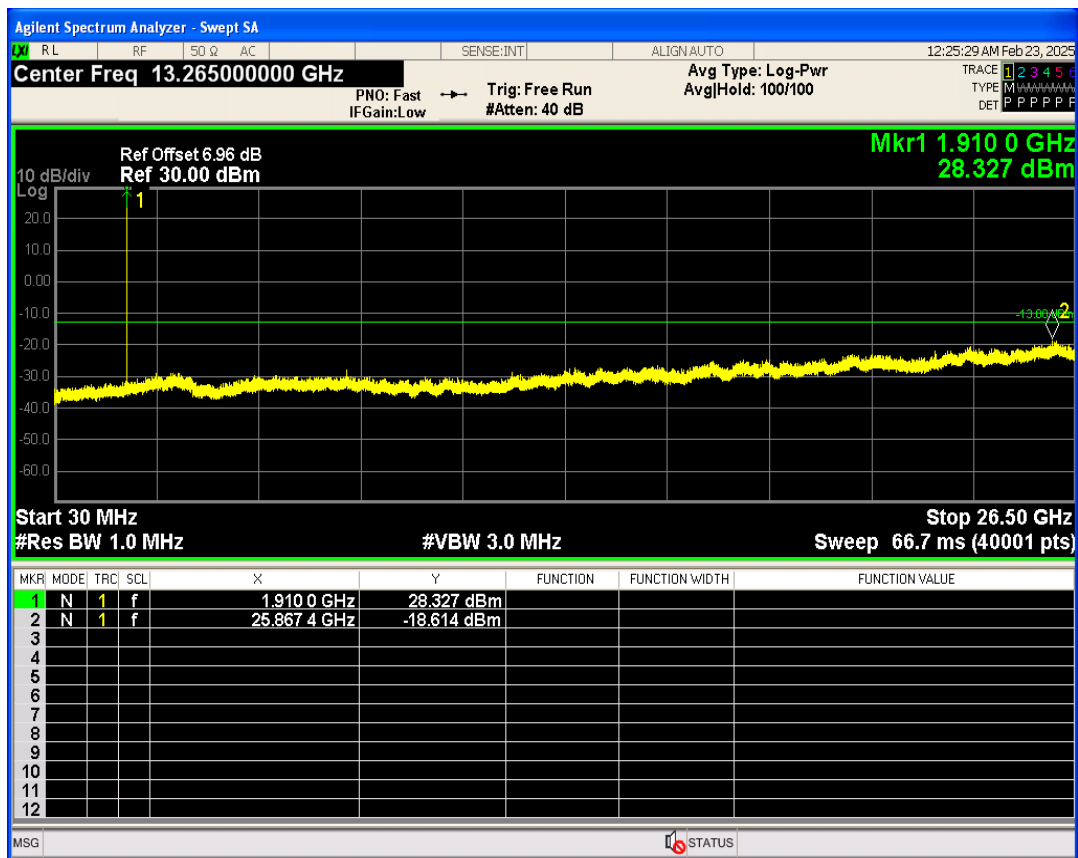
GSM1900 Channel=661



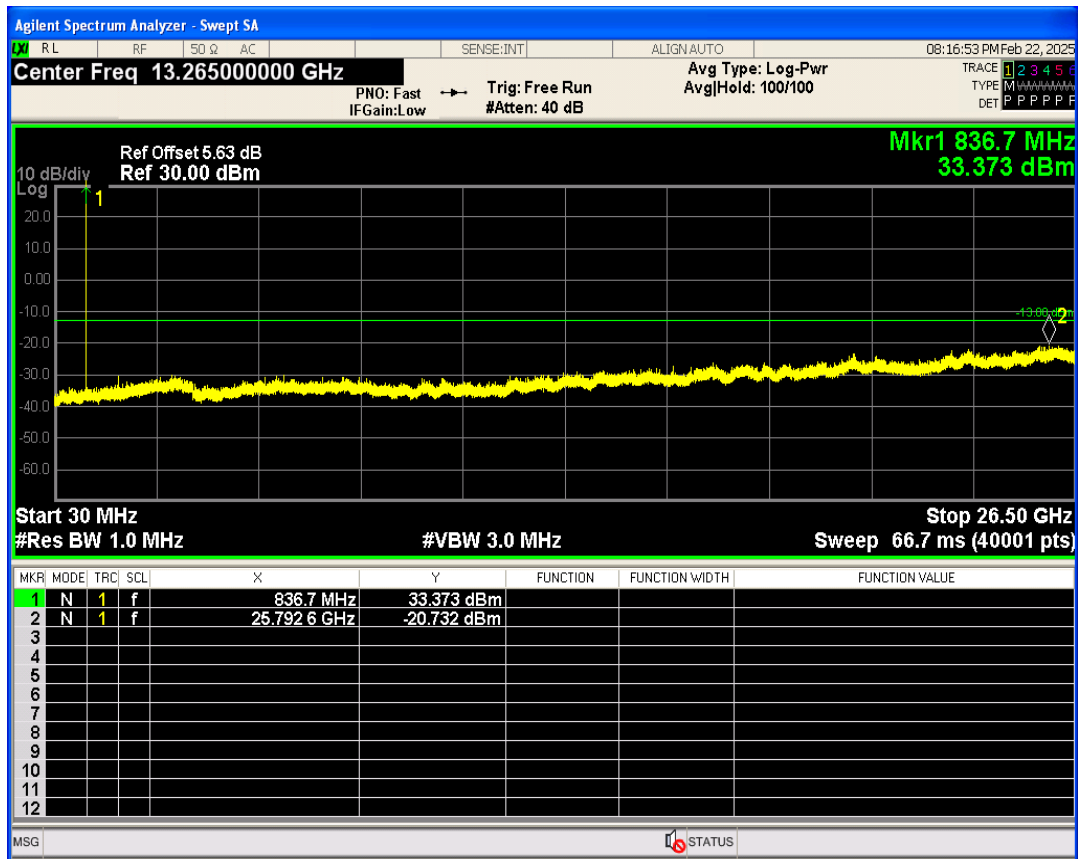
GSM1900 Channel=512



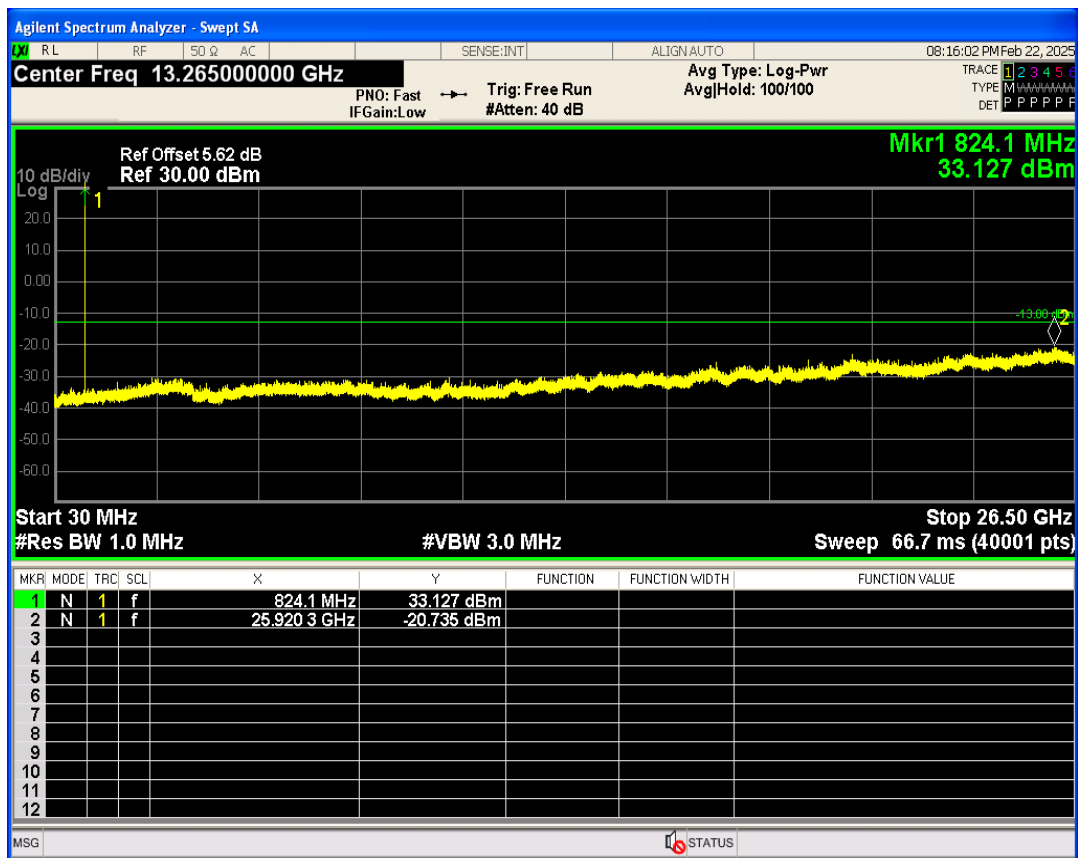
GSM1900 Channel=810



GSM850 Channel=189



GSM850 Channel=128



GSM850 Channel=251

