

## 01 Conducted output power

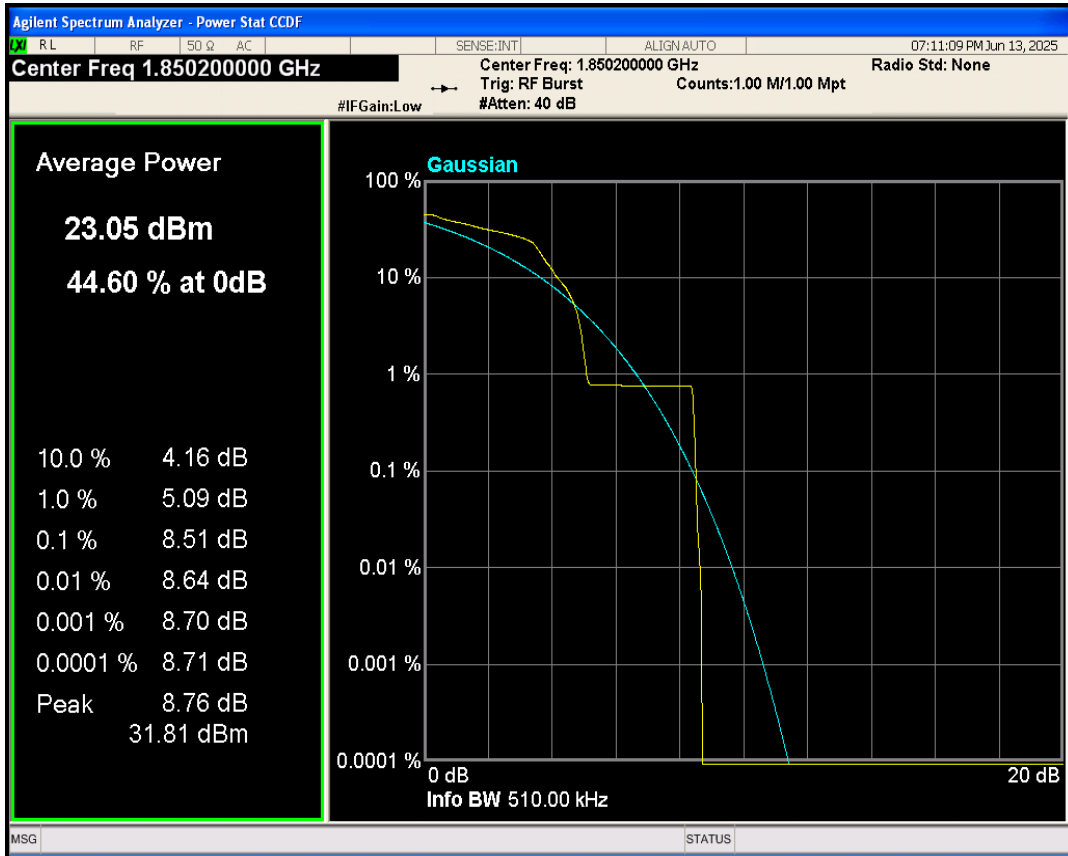
| Band             | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512     | 1850.2          | 25.68       | PASS    |
| EGPRS1900 1 Slot | 661     | 1880            | 25.75       | PASS    |
| EGPRS1900 1 Slot | 810     | 1909.8          | 25.46       | PASS    |
| EGPRS1900 2 Slot | 512     | 1850.2          | 24.65       | PASS    |
| EGPRS1900 2 Slot | 661     | 1880            | 24.85       | PASS    |
| EGPRS1900 2 Slot | 810     | 1909.8          | 24.32       | PASS    |
| EGPRS1900 3 Slot | 512     | 1850.2          | 22.87       | PASS    |
| EGPRS1900 3 Slot | 661     | 1880            | 22.78       | PASS    |
| EGPRS1900 3 Slot | 810     | 1909.8          | 22.52       | PASS    |
| EGPRS1900 4 Slot | 512     | 1850.2          | 21.79       | PASS    |
| EGPRS1900 4 Slot | 661     | 1880            | 21.90       | PASS    |
| EGPRS1900 4 Slot | 810     | 1909.8          | 21.57       | PASS    |
| EGPRS850 1 Slot  | 128     | 824.2           | 25.49       | PASS    |
| EGPRS850 1 Slot  | 189     | 836.4           | 26.21       | PASS    |
| EGPRS850 1 Slot  | 251     | 848.8           | 26.20       | PASS    |
| EGPRS850 2 Slot  | 128     | 824.2           | 24.91       | PASS    |
| EGPRS850 2 Slot  | 189     | 836.4           | 24.83       | PASS    |
| EGPRS850 2 Slot  | 251     | 848.8           | 24.84       | PASS    |
| EGPRS850 3 Slot  | 128     | 824.2           | 22.83       | PASS    |
| EGPRS850 3 Slot  | 189     | 836.4           | 22.80       | PASS    |
| EGPRS850 3 Slot  | 251     | 848.8           | 22.48       | PASS    |
| EGPRS850 4 Slot  | 128     | 824.2           | 21.34       | PASS    |
| EGPRS850 4 Slot  | 189     | 836.4           | 21.59       | PASS    |
| EGPRS850 4 Slot  | 251     | 848.8           | 21.18       | PASS    |
| GPRS1900 1 Slot  | 512     | 1850.2          | 31.34       | PASS    |
| GPRS1900 1 Slot  | 661     | 1880            | 31.27       | PASS    |
| GPRS1900 1 Slot  | 810     | 1909.8          | 31.06       | PASS    |
| GPRS1900 2 Slot  | 512     | 1850.2          | 31.06       | PASS    |
| GPRS1900 2 Slot  | 661     | 1880            | 31.00       | PASS    |
| GPRS1900 2 Slot  | 810     | 1909.8          | 30.31       | PASS    |
| GPRS1900 3 Slot  | 512     | 1850.2          | 30.67       | PASS    |
| GPRS1900 3 Slot  | 661     | 1880            | 30.62       | PASS    |
| GPRS1900 3 Slot  | 810     | 1909.8          | 30.27       | PASS    |
| GPRS1900 4 Slot  | 512     | 1850.2          | 30.37       | PASS    |
| GPRS1900 4 Slot  | 661     | 1880            | 29.87       | PASS    |
| GPRS1900 4 Slot  | 810     | 1909.8          | 29.92       | PASS    |
| GPRS850 1 Slot   | 128     | 824.2           | 33.28       | PASS    |
| GPRS850 1 Slot   | 189     | 836.4           | 33.36       | PASS    |
| GPRS850 1 Slot   | 251     | 848.8           | 32.79       | PASS    |
| GPRS850 2 Slot   | 128     | 824.2           | 33.10       | PASS    |
| GPRS850 2 Slot   | 189     | 836.4           | 33.19       | PASS    |

|                |     |        |       |      |
|----------------|-----|--------|-------|------|
| GPRS850 2 Slot | 251 | 848.8  | 33.09 | PASS |
| GPRS850 3 Slot | 128 | 824.2  | 32.77 | PASS |
| GPRS850 3 Slot | 189 | 836.4  | 32.87 | PASS |
| GPRS850 3 Slot | 251 | 848.8  | 32.25 | PASS |
| GPRS850 4 Slot | 128 | 824.2  | 32.49 | PASS |
| GPRS850 4 Slot | 189 | 836.4  | 32.53 | PASS |
| GPRS850 4 Slot | 251 | 848.8  | 32.31 | PASS |
| GSM1900        | 512 | 1850.2 | 30.83 | PASS |
| GSM1900        | 661 | 1880   | 31.30 | PASS |
| GSM1900        | 810 | 1909.8 | 31.07 | PASS |
| GSM850         | 128 | 824.2  | 32.52 | PASS |
| GSM850         | 189 | 836.4  | 32.58 | PASS |
| GSM850         | 251 | 848.8  | 32.49 | PASS |

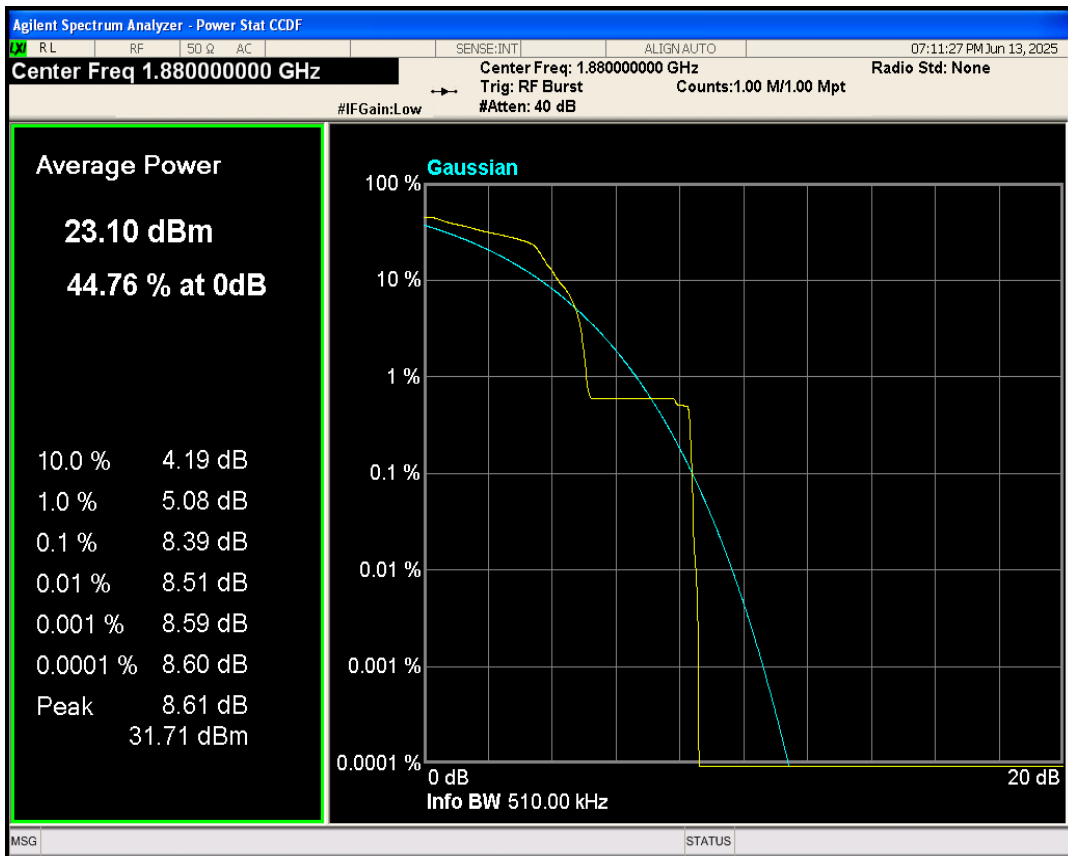
### 15 Peak-to-Average Ratio

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 8.51        | 13              | PASS    |
| EGPRS1900 | 661     | 1880            | 8.39        | 13              | PASS    |
| EGPRS1900 | 810     | 1909.8          | 8.13        | 13              | PASS    |
| EGPRS850  | 128     | 824.2           | 9.67        | 13              | PASS    |
| EGPRS850  | 189     | 836.4           | 9.57        | 13              | PASS    |
| EGPRS850  | 251     | 848.8           | 9.73        | 13              | PASS    |

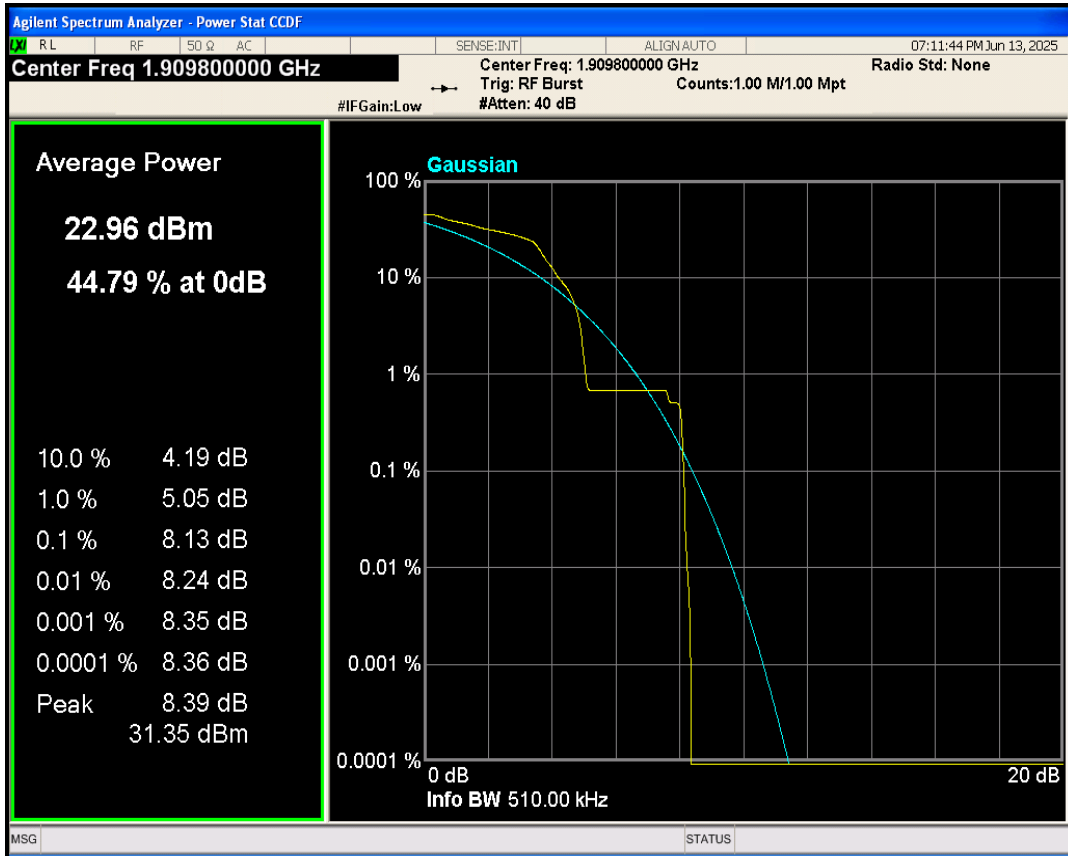
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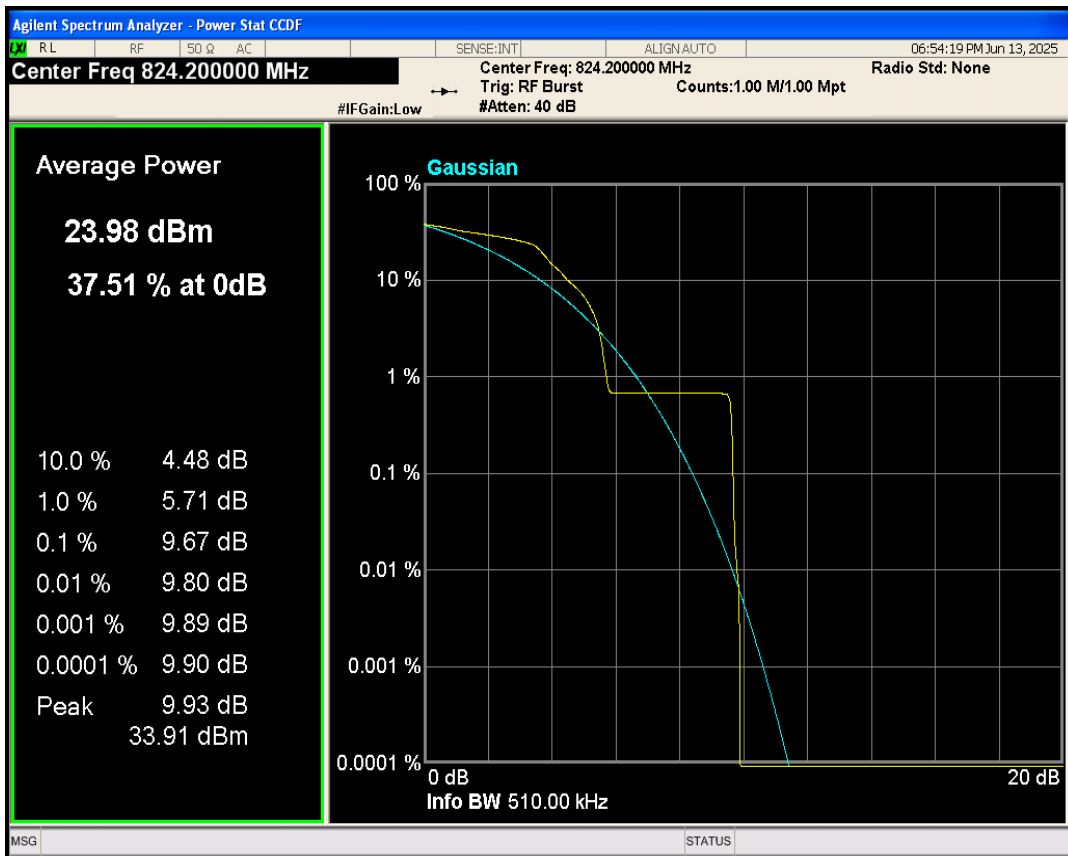
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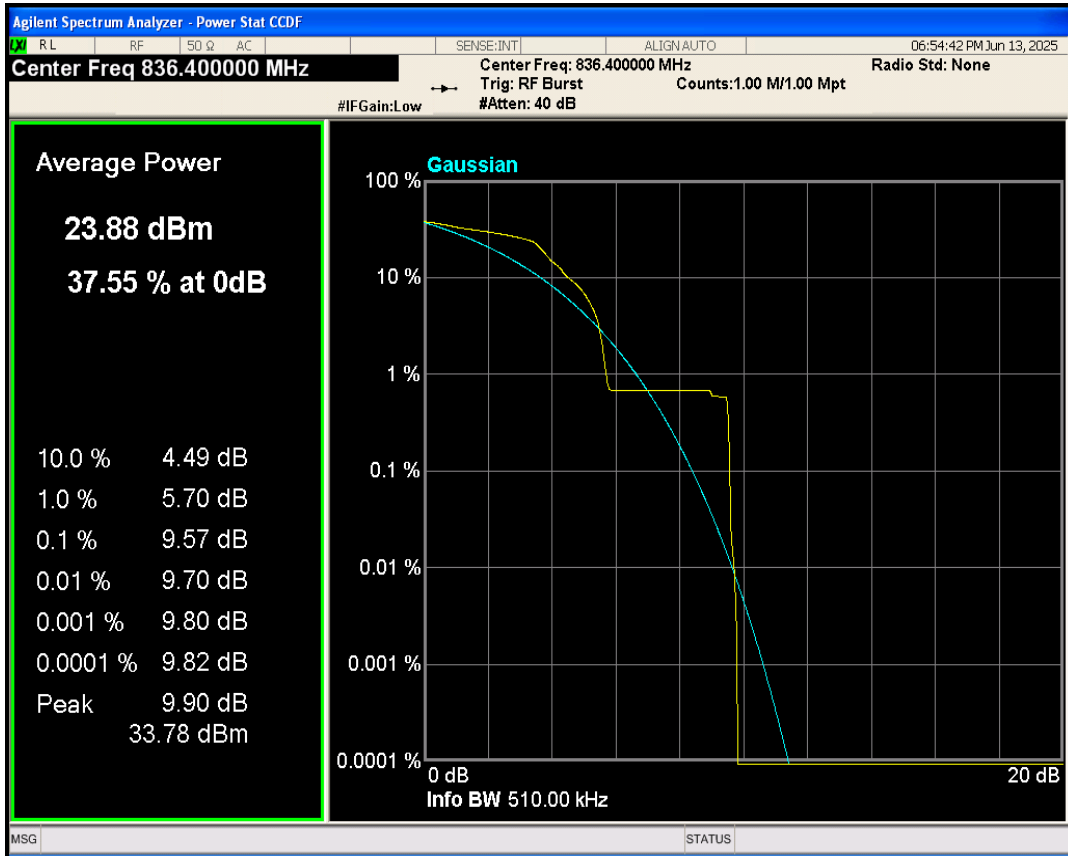
EGPRS1900 Channel=810



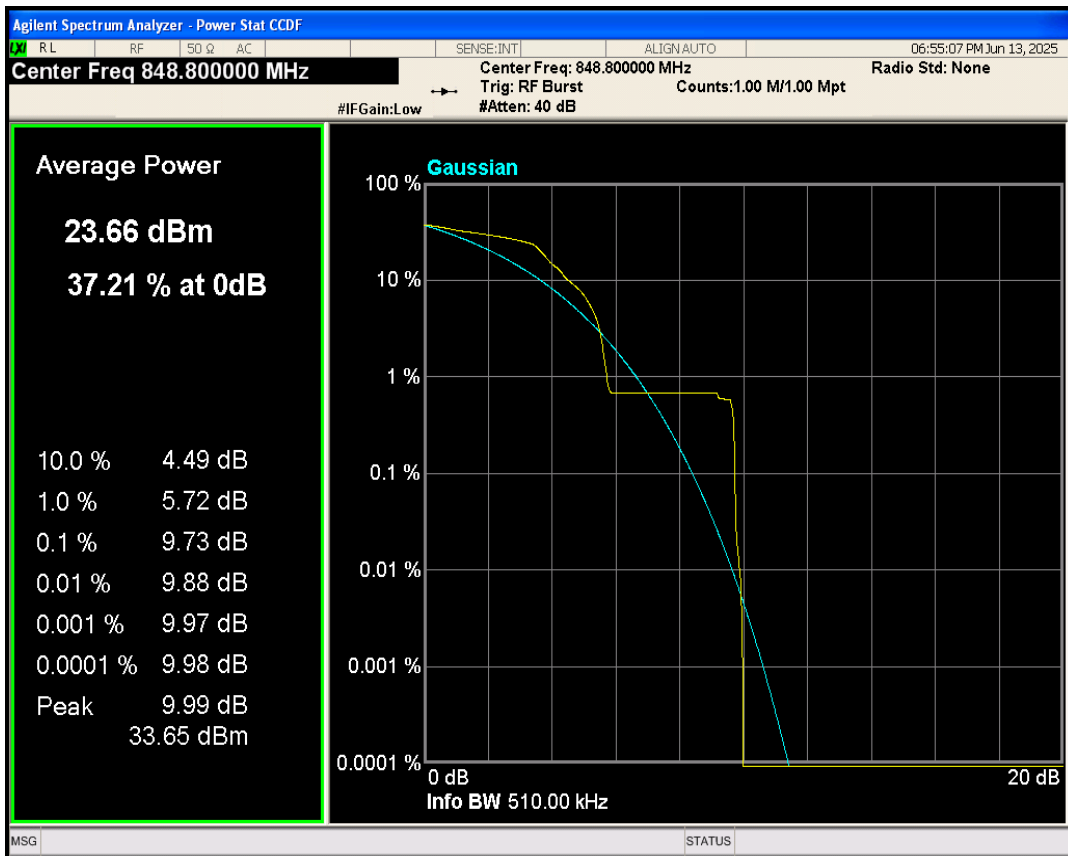
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EGPRS850 Channel=189



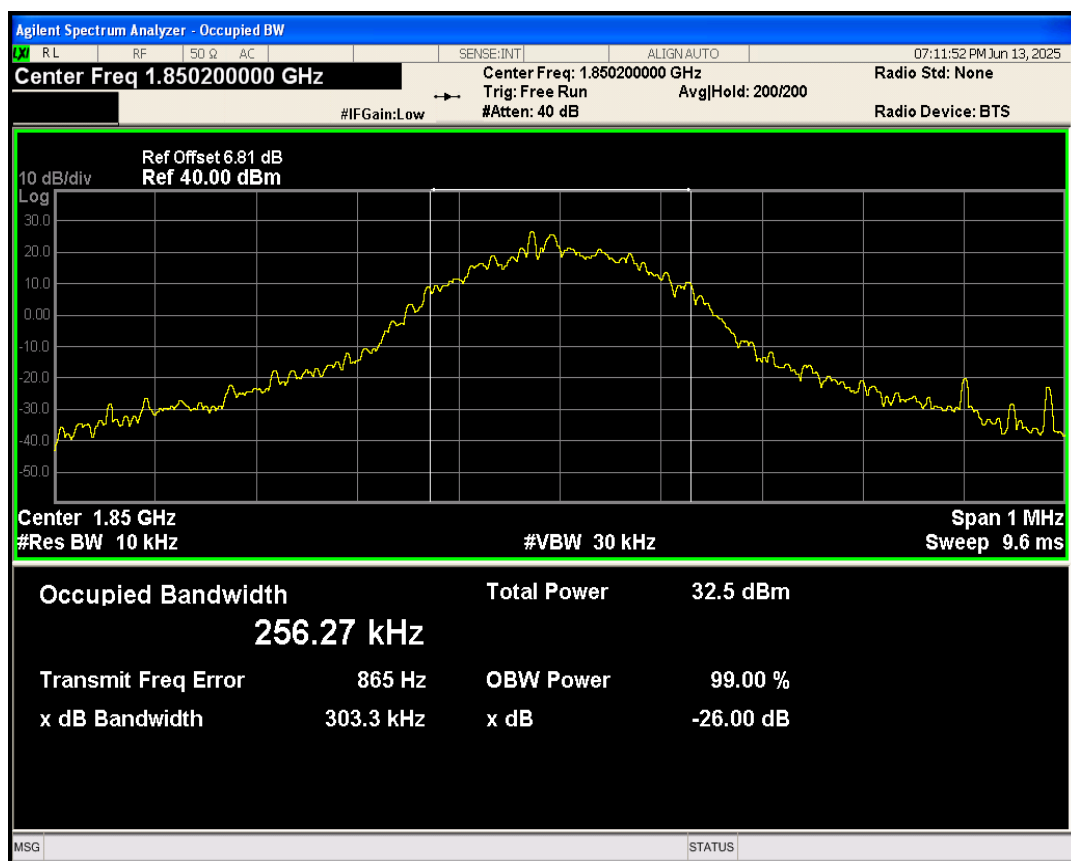
EGPRS850 Channel=251



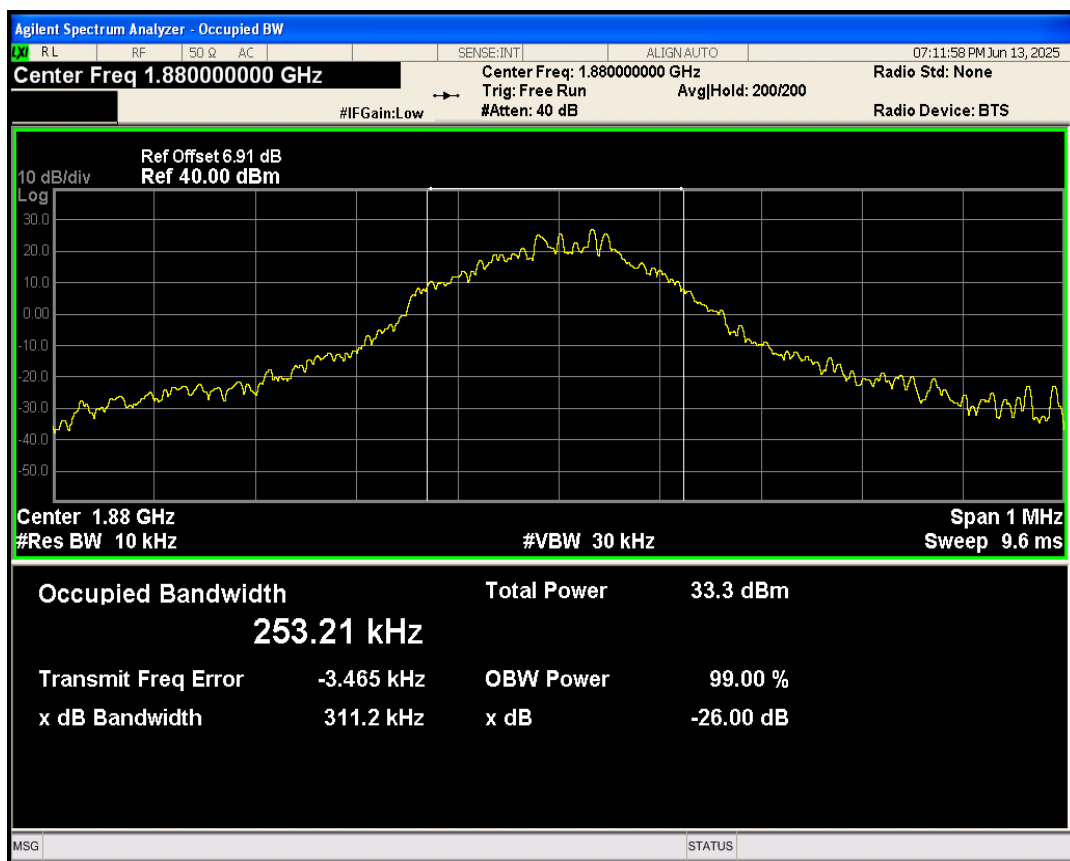
16 Occupied bandwidth

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 256.275       | 303.345         | PASS    |
| EGPRS1900 | 661     | 1880            | 253.208       | 311.151         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 267.329       | 355.299         | PASS    |
| EGPRS850  | 128     | 824.2           | 250.656       | 328.502         | PASS    |
| EGPRS850  | 189     | 836.4           | 243.279       | 311.017         | PASS    |
| EGPRS850  | 251     | 848.8           | 238.688       | 319.522         | PASS    |

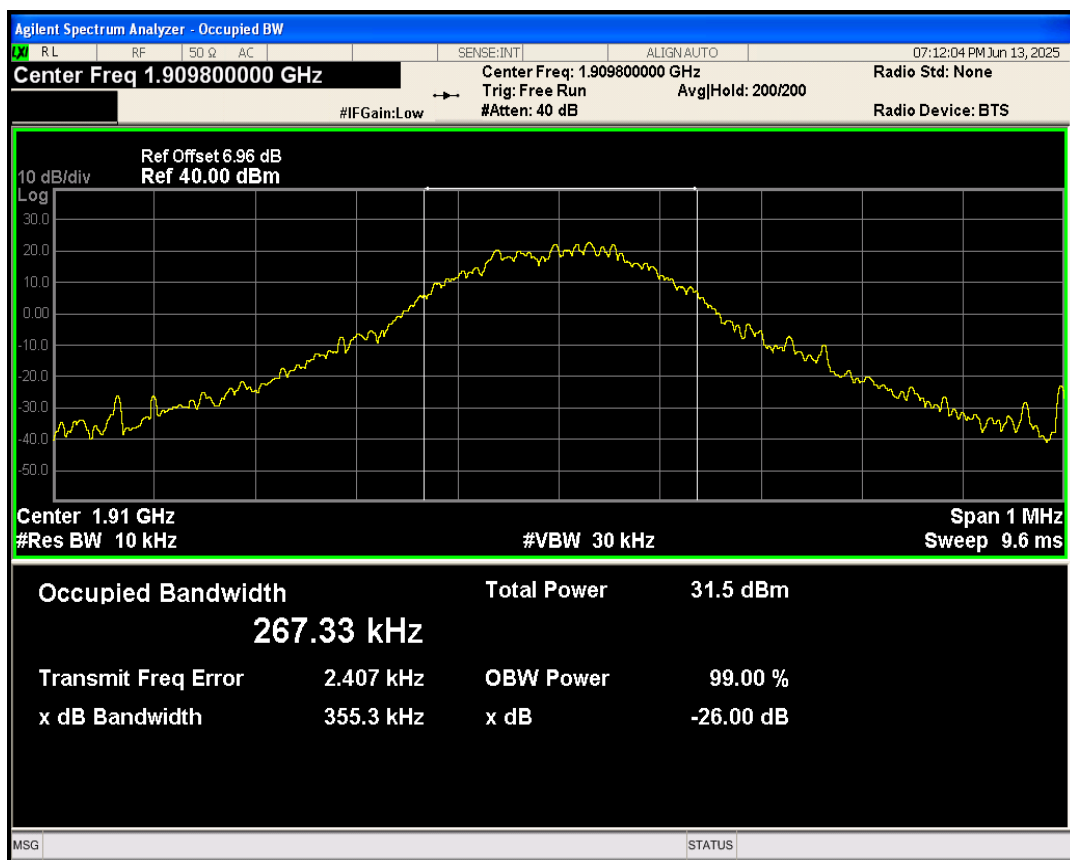
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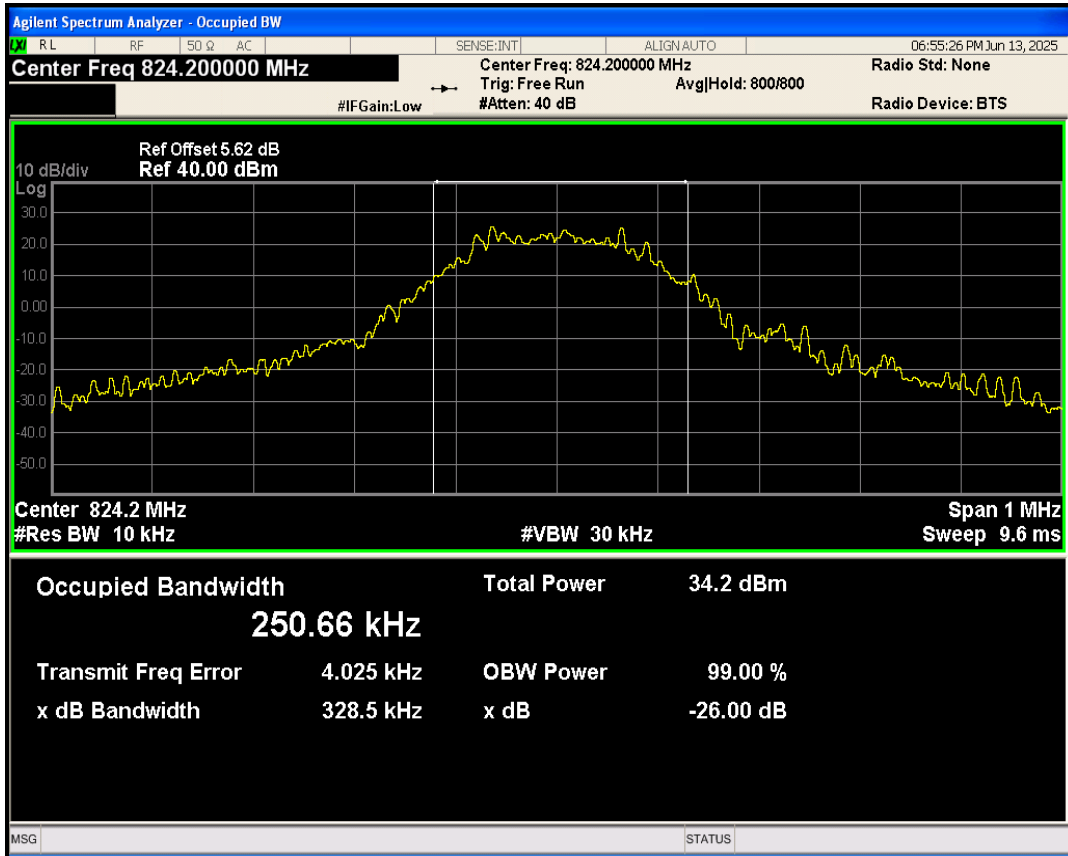
EGPRS1900 Channel=661



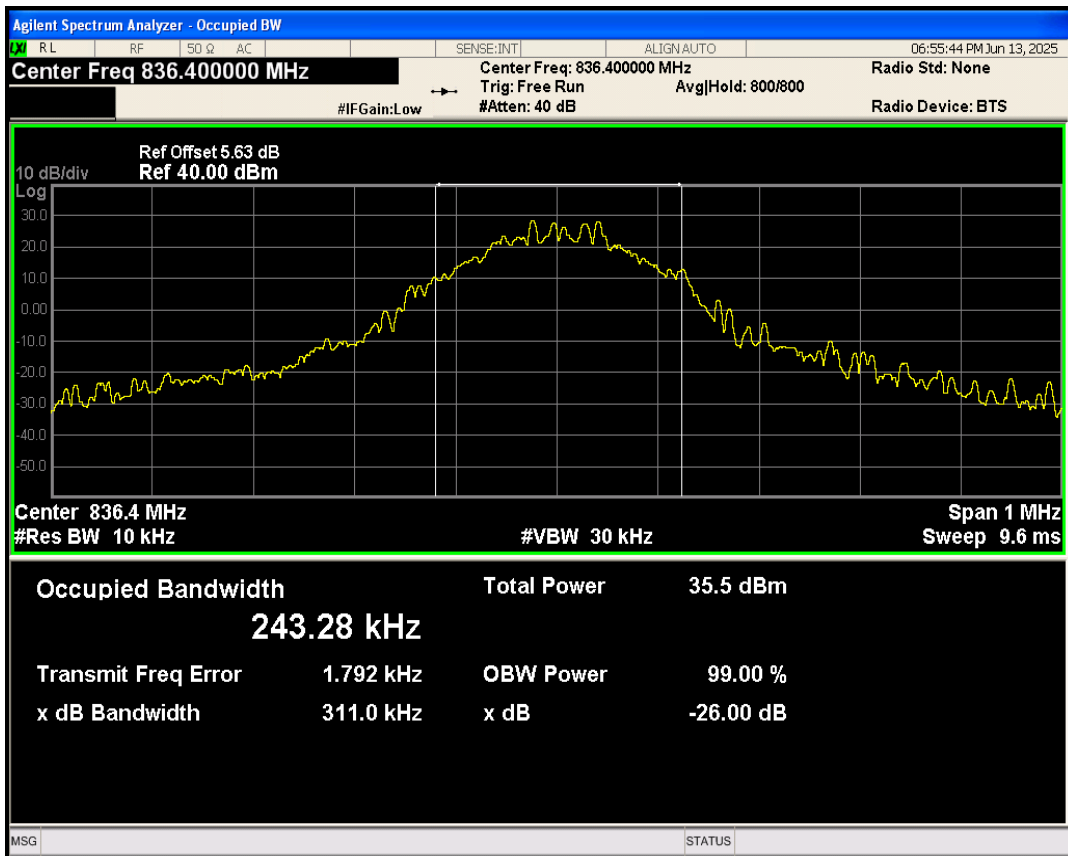
EGPRS1900 Channel=810



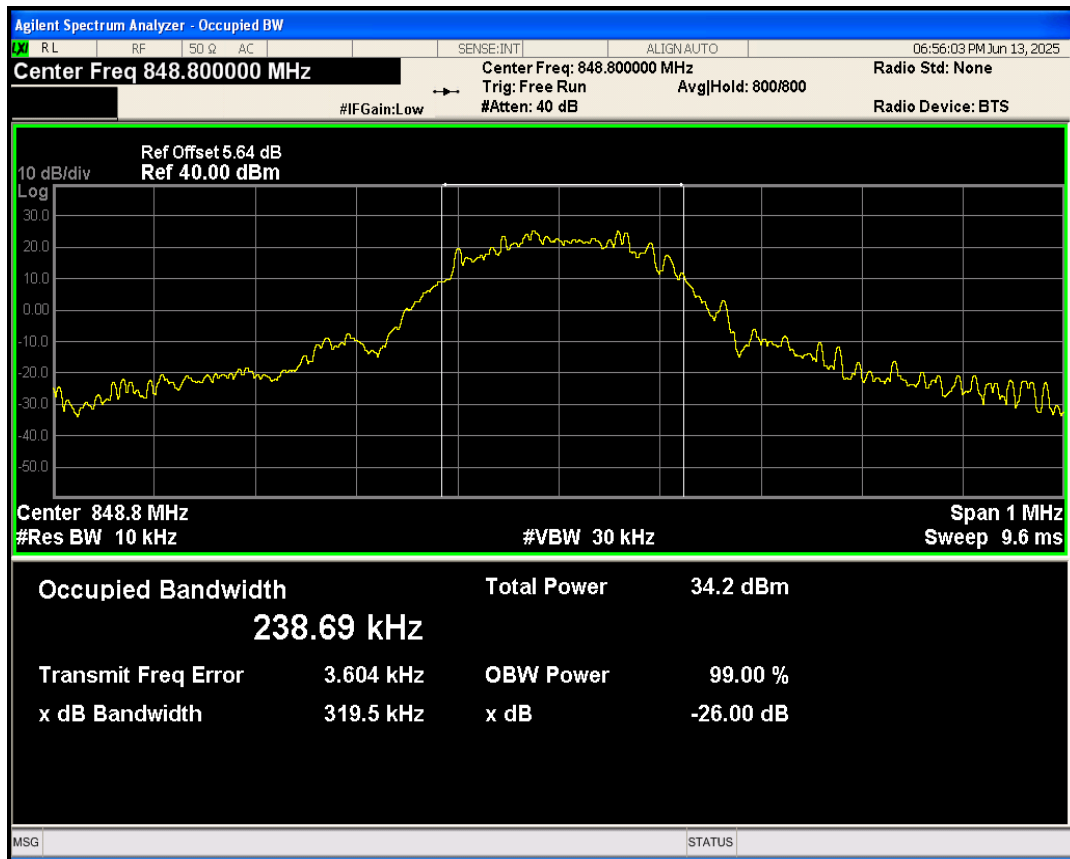
EGPRS850 Channel=128



EGPRS850 Channel=189



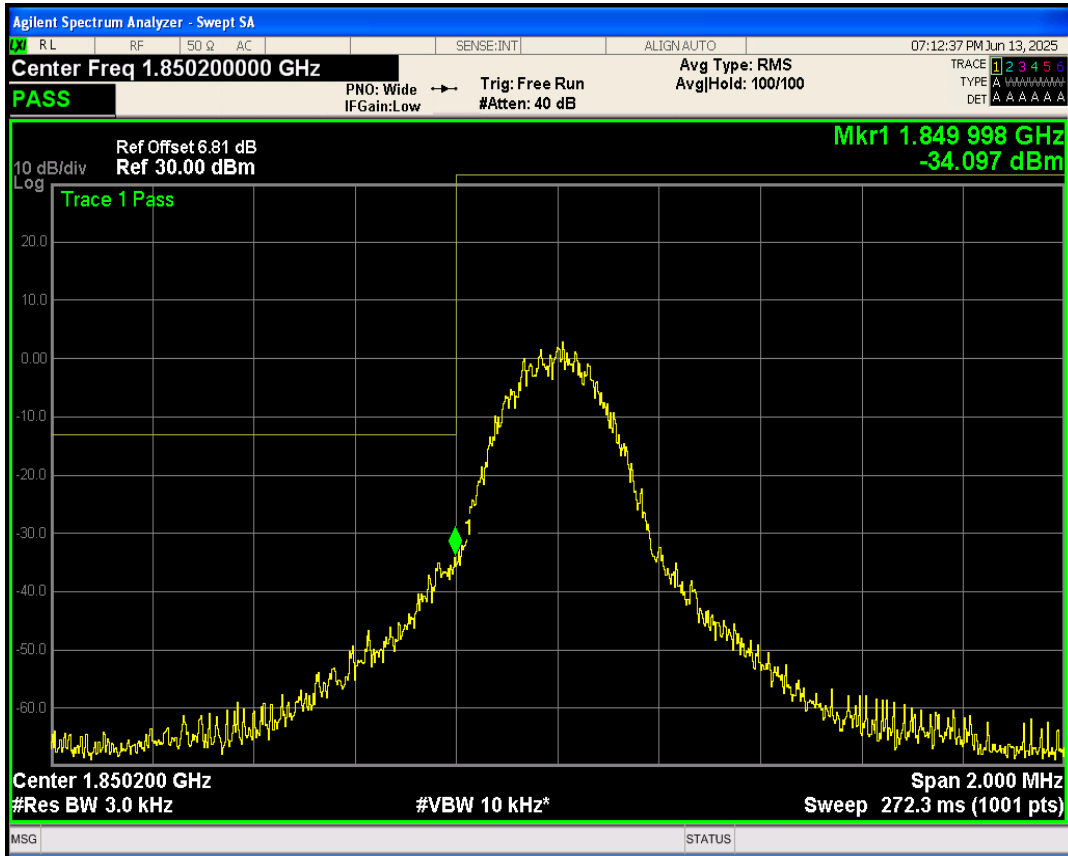
EGPRS850 Channel=251



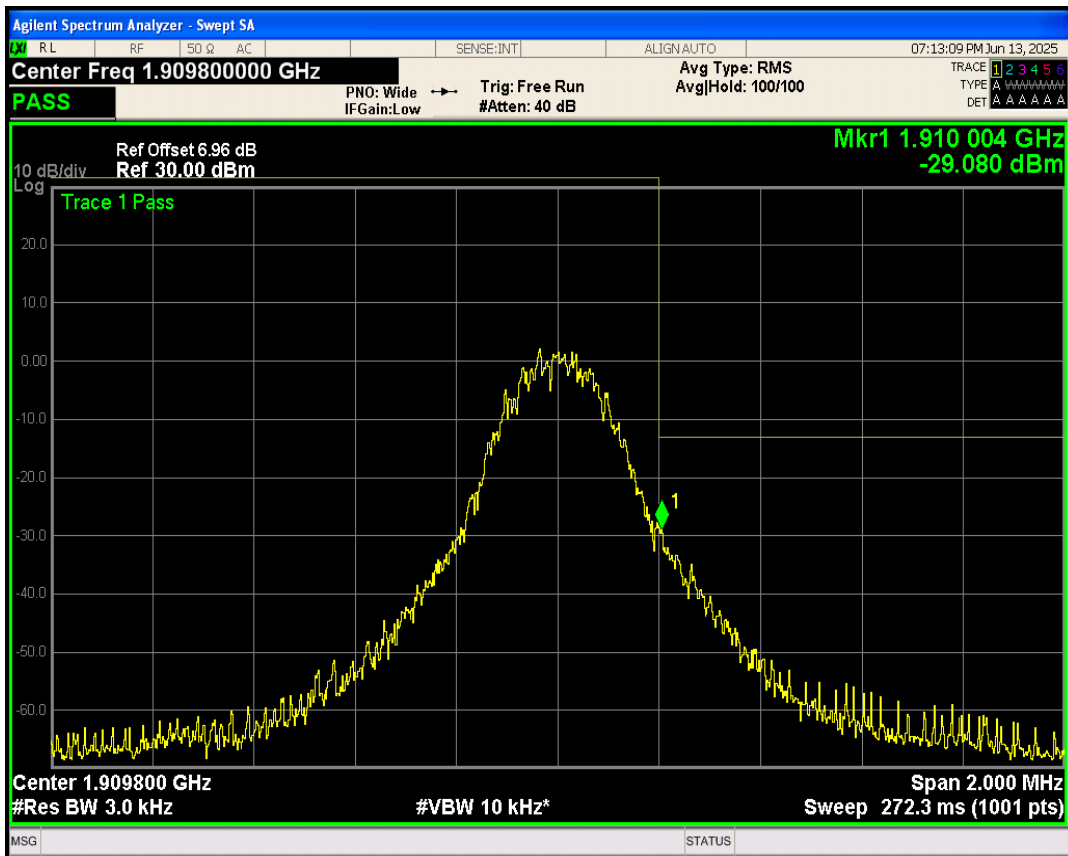
## 17 Band edge

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1850.00         | -34.09           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.00         | -29.07           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.99          | -31.31           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.02          | -32.02           | -13         | PASS    |

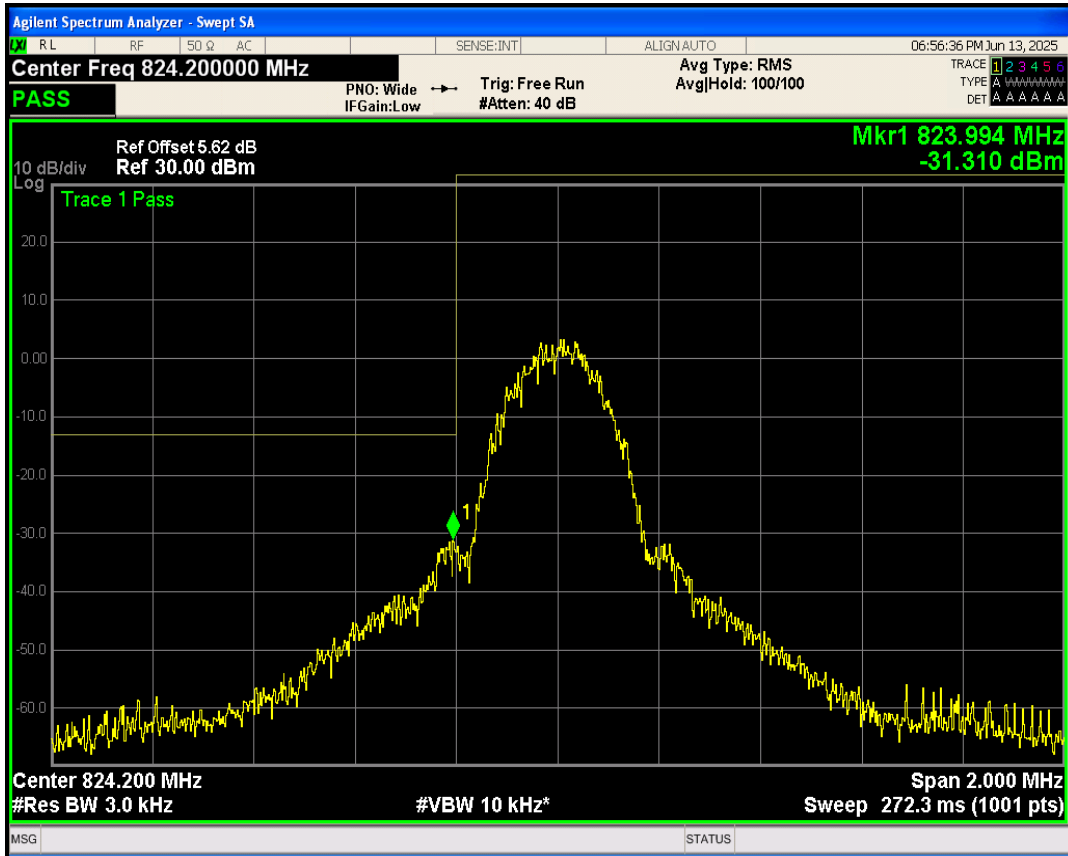
EGPRS1900 Channel=512



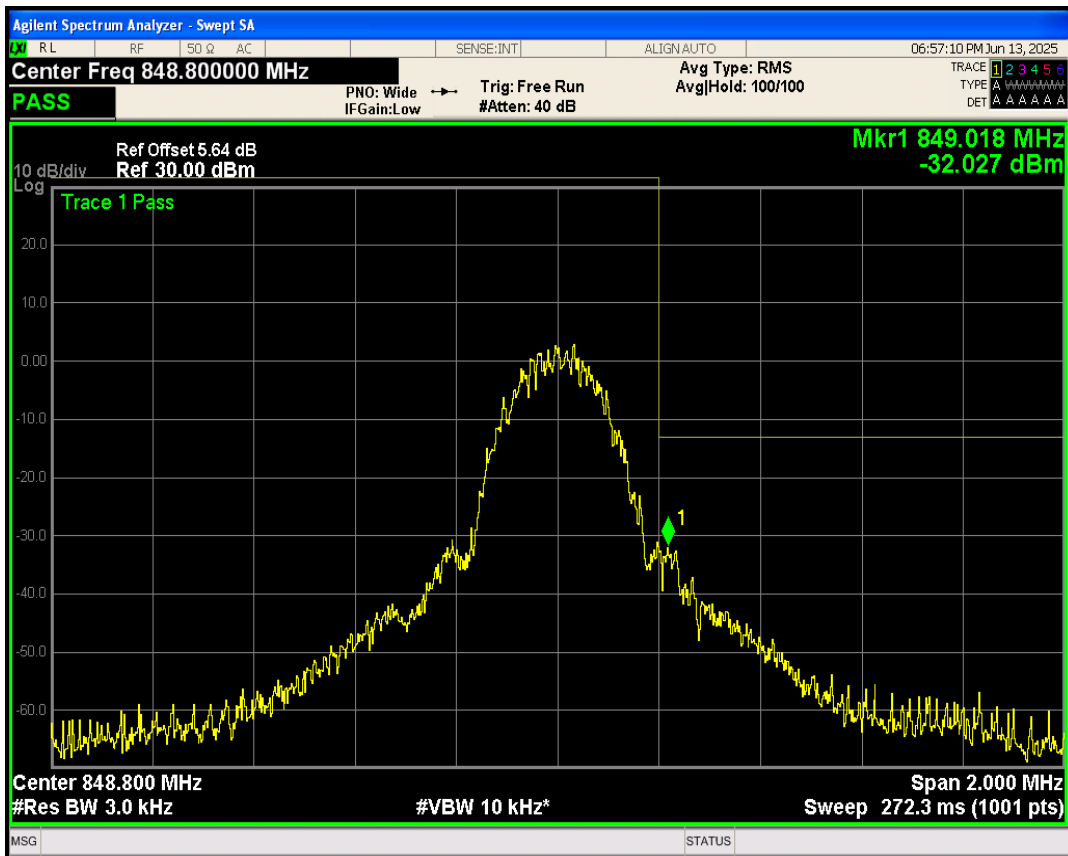
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EGPRS850 Channel=128



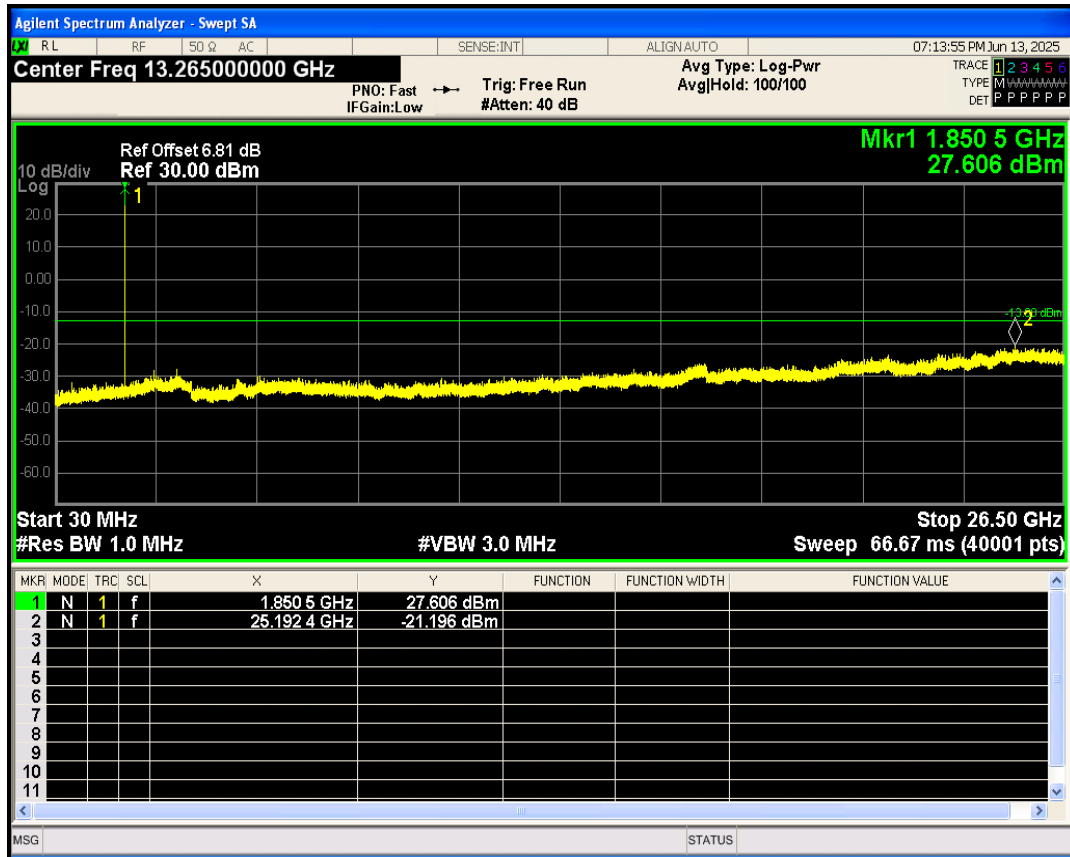
EGPRS850 Channel=251



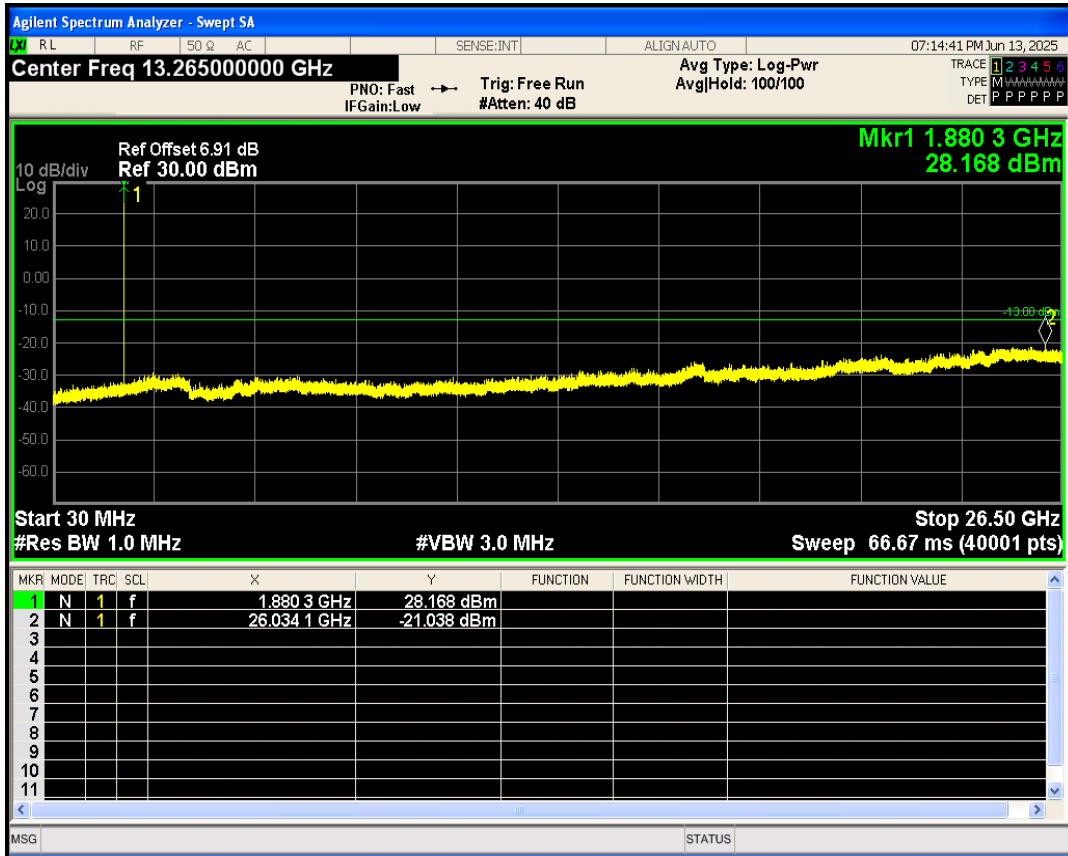
18 Out-of-band emissions

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 25192.38        | -21.19           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 26034.13        | -21.03           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 25688.03        | -20.76           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 25342.60        | -22.04           | -13         | PASS    |
| EGPRS850  | 189     | 836.4           | 25219.51        | -21.82           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 25635.09        | -21.54           | -13         | PASS    |

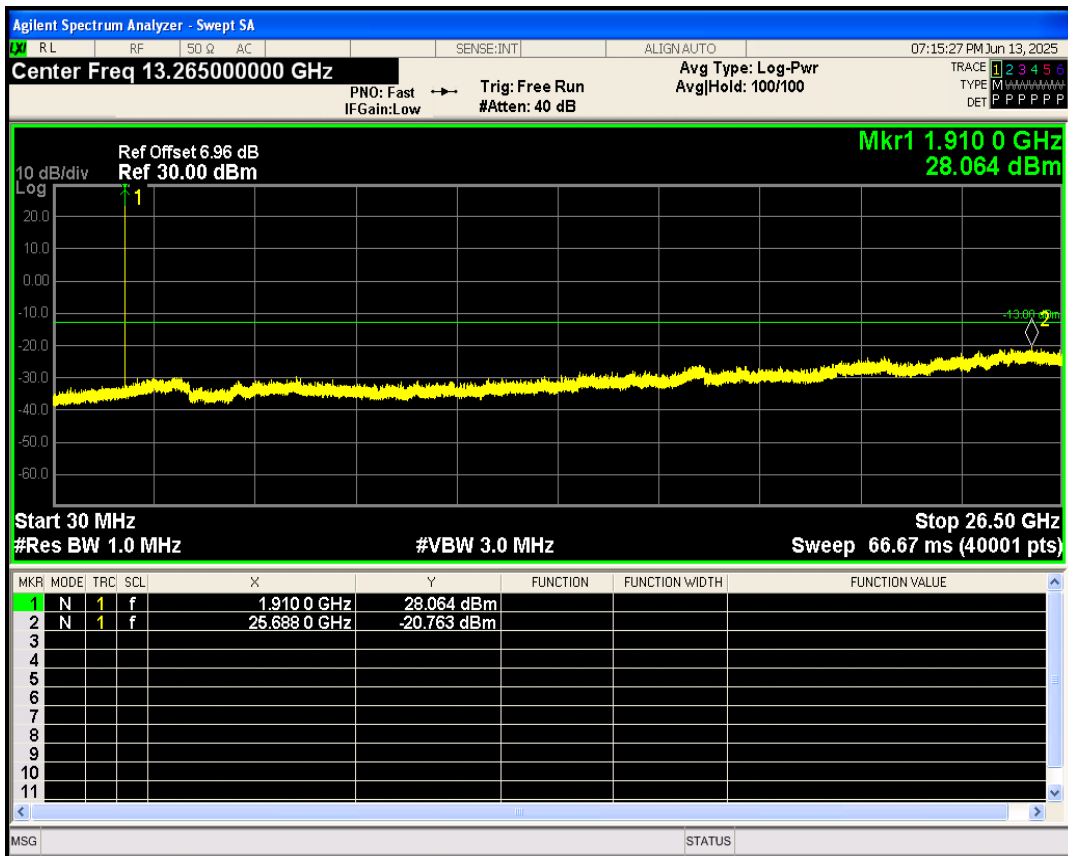
EGPRS1900 Channel=512



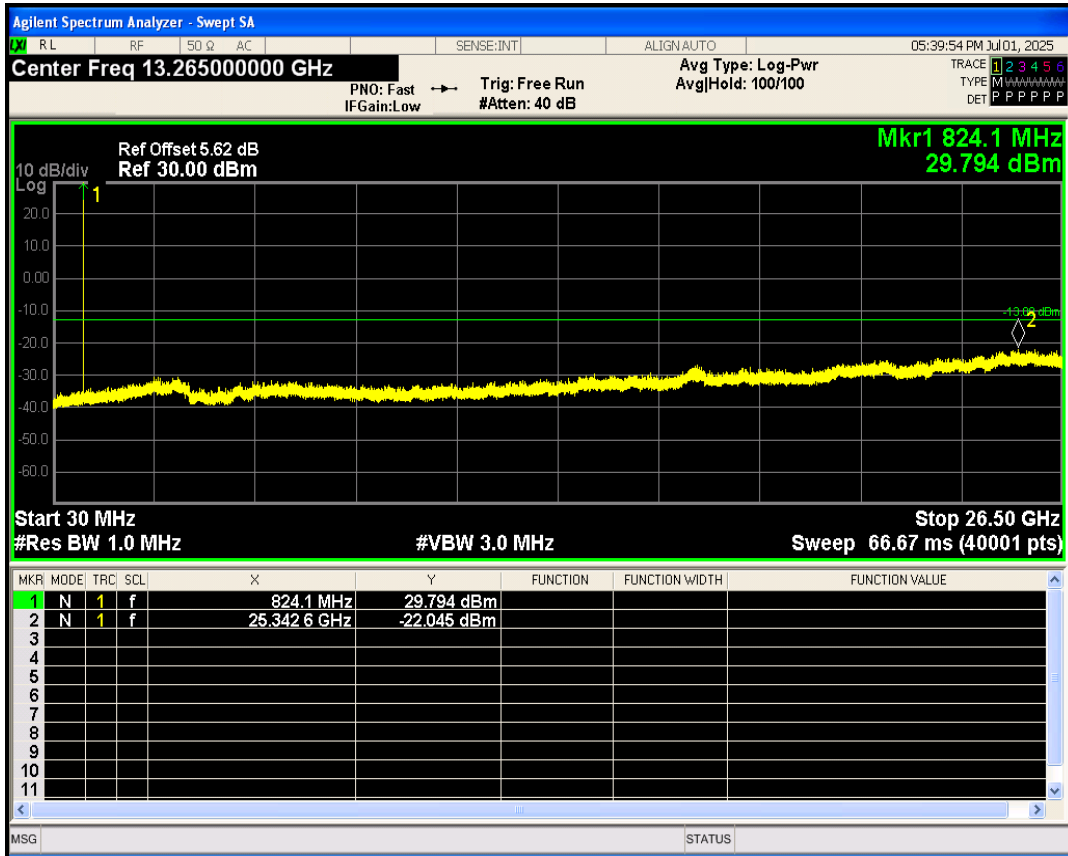
EGPRS1900 Channel=661



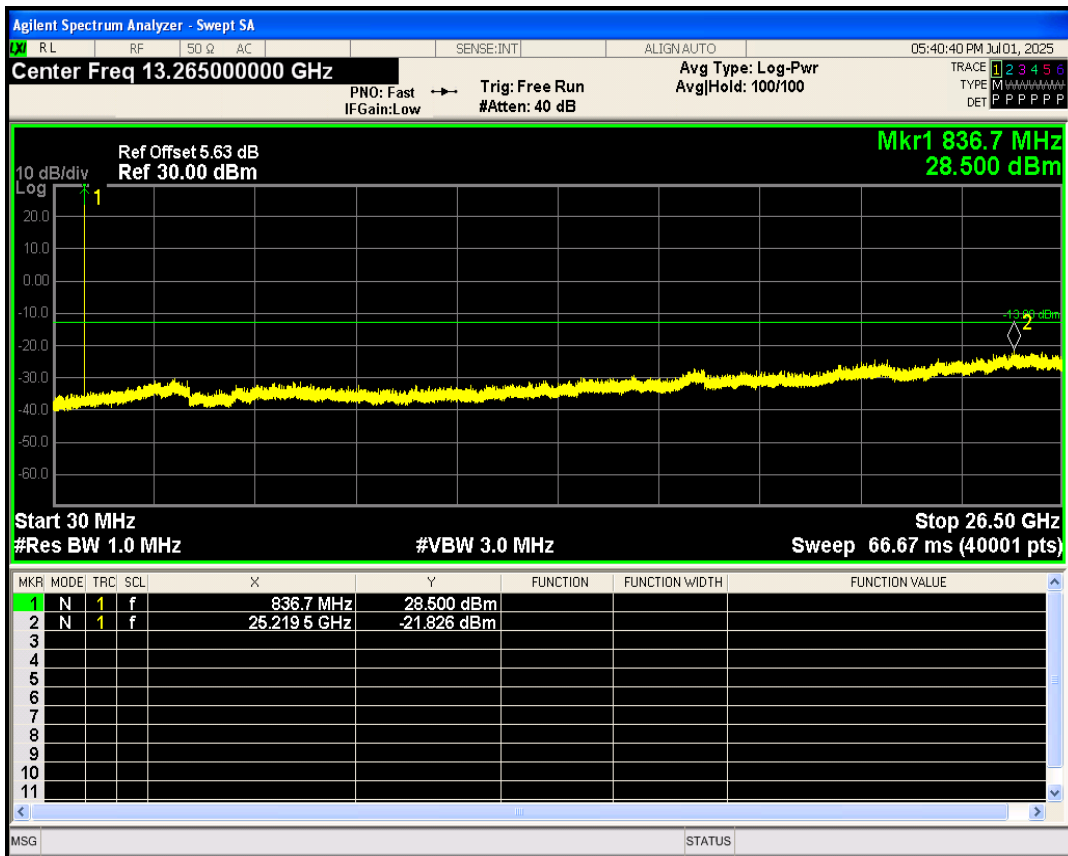
EGPRS1900 Channel=810



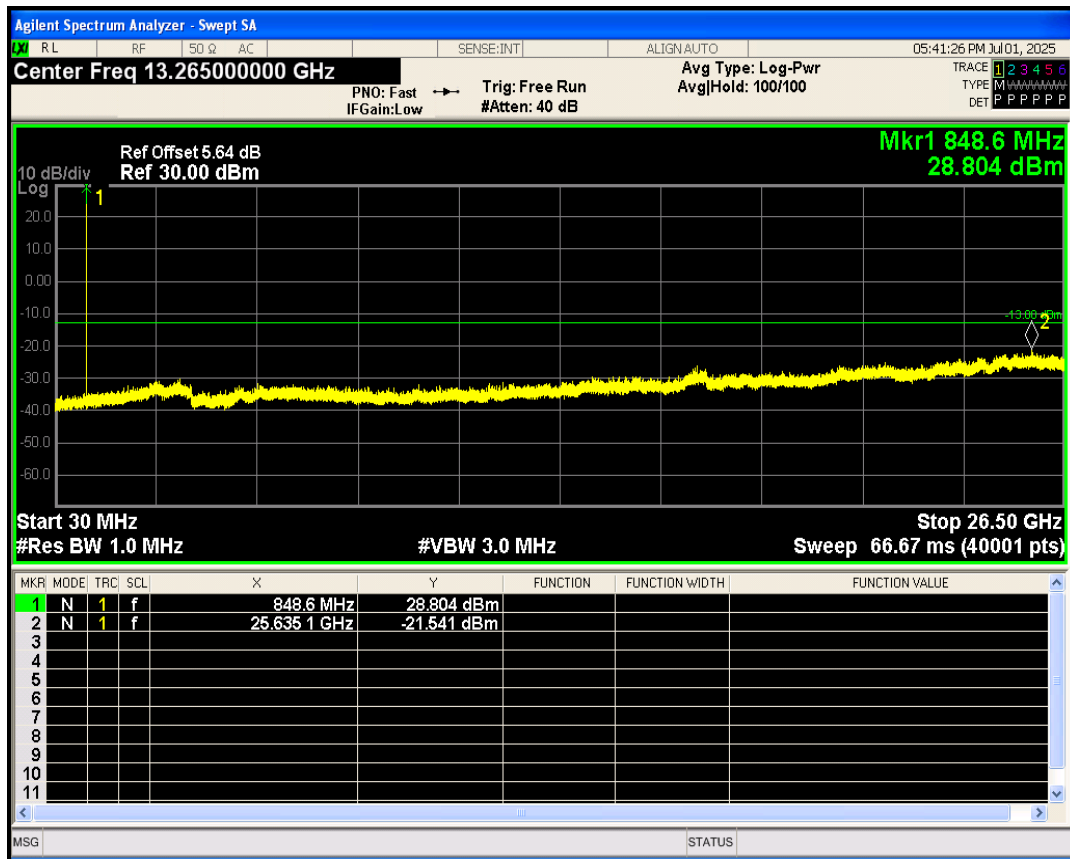
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EGPRS850 Channel=189



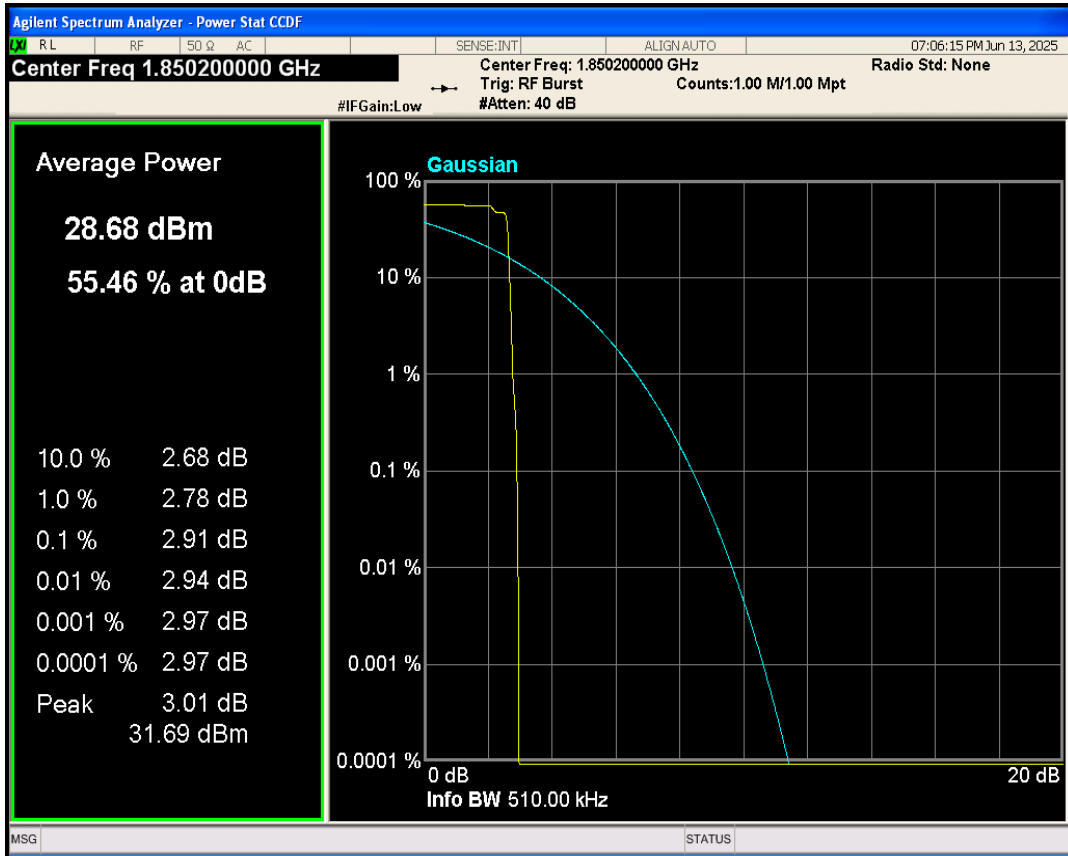
EGPRS850 Channel=251



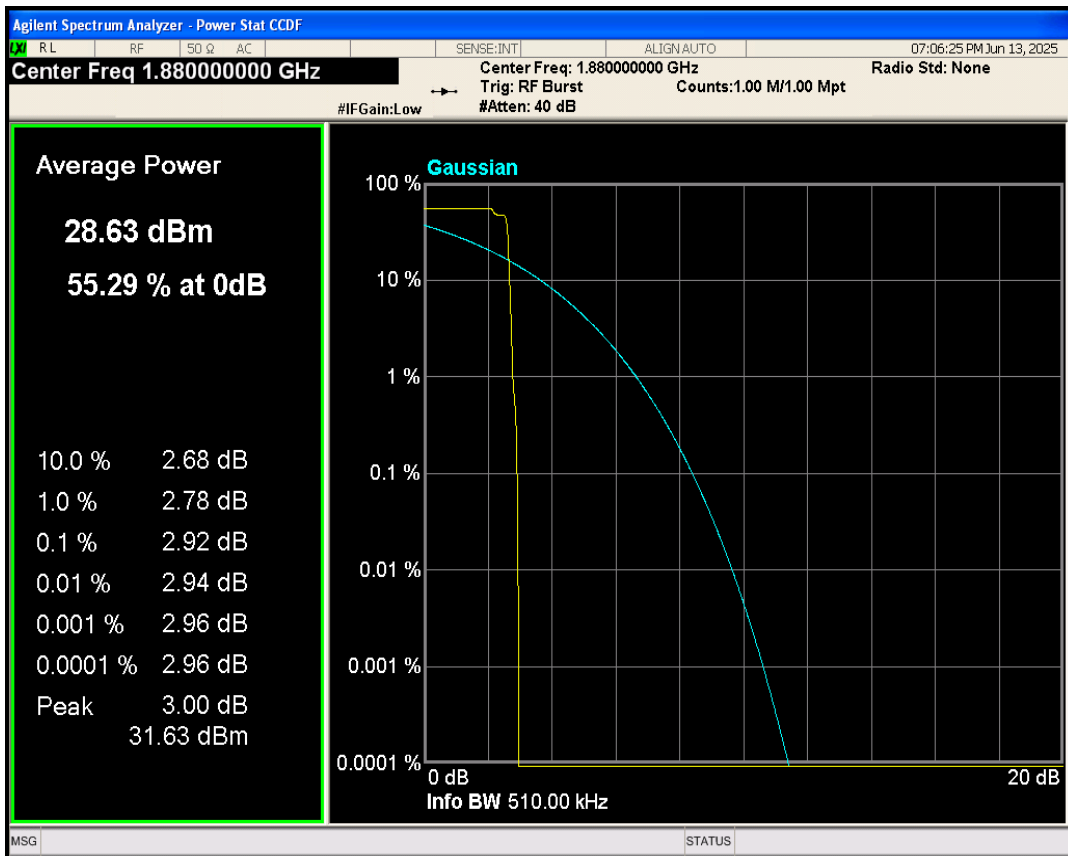
### 09 Peak-to-Average Ratio

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.91        | 13              | PASS    |
| GPRS1900 | 661     | 1880            | 2.92        | 13              | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.91        | 13              | PASS    |
| GPRS850  | 128     | 824.2           | 2.90        | 13              | PASS    |
| GPRS850  | 189     | 836.4           | 2.93        | 13              | PASS    |
| GPRS850  | 251     | 848.8           | 2.94        | 13              | PASS    |

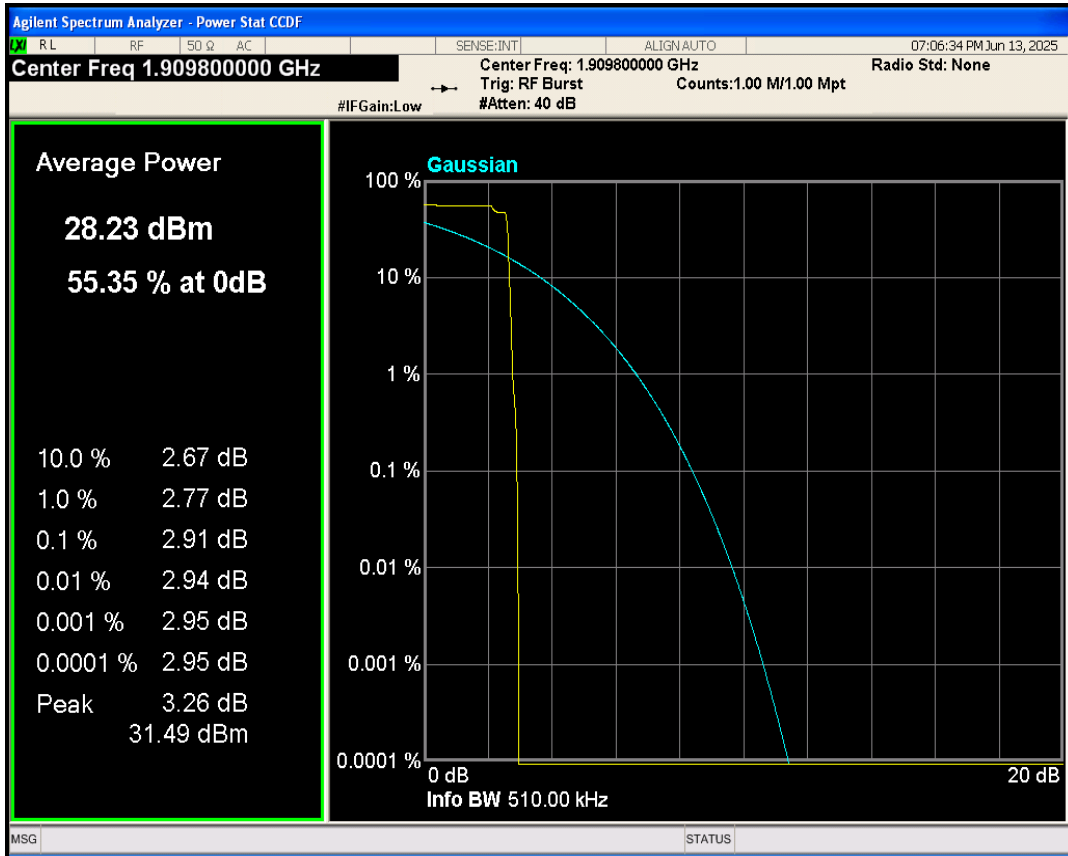
GPRS1900 Channel=512



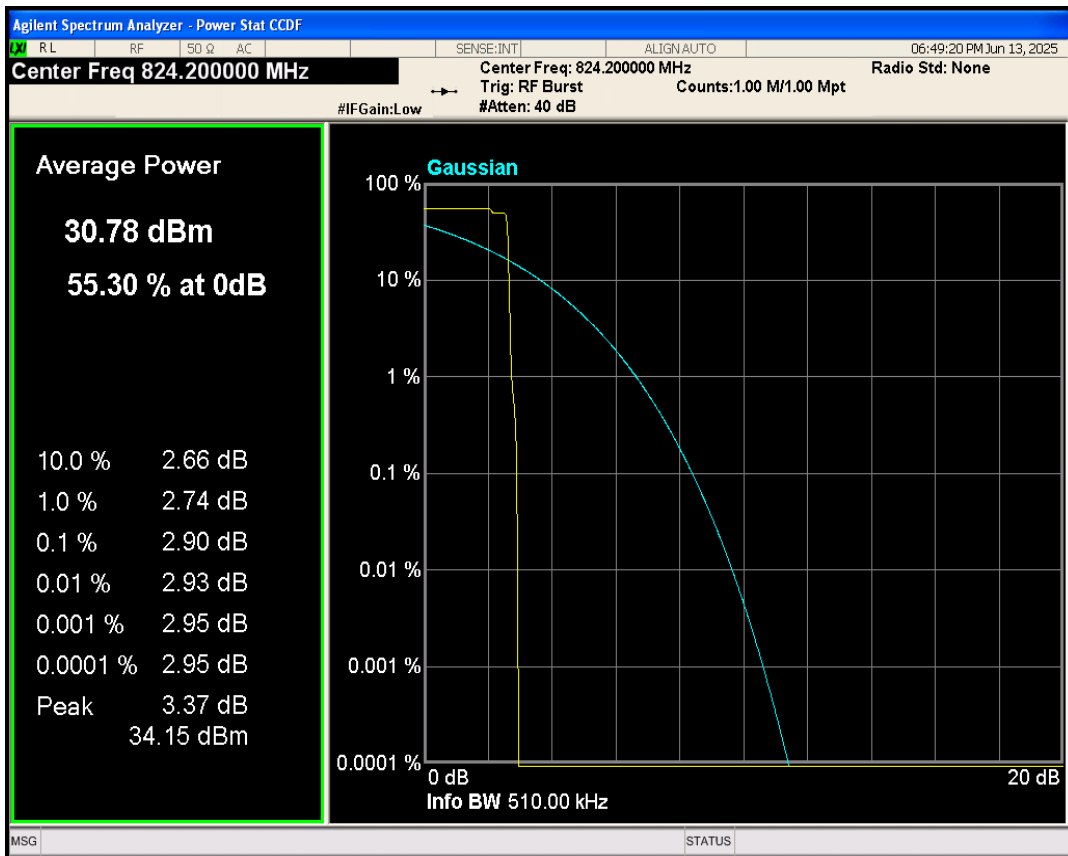
GPRS1900 Channel=661



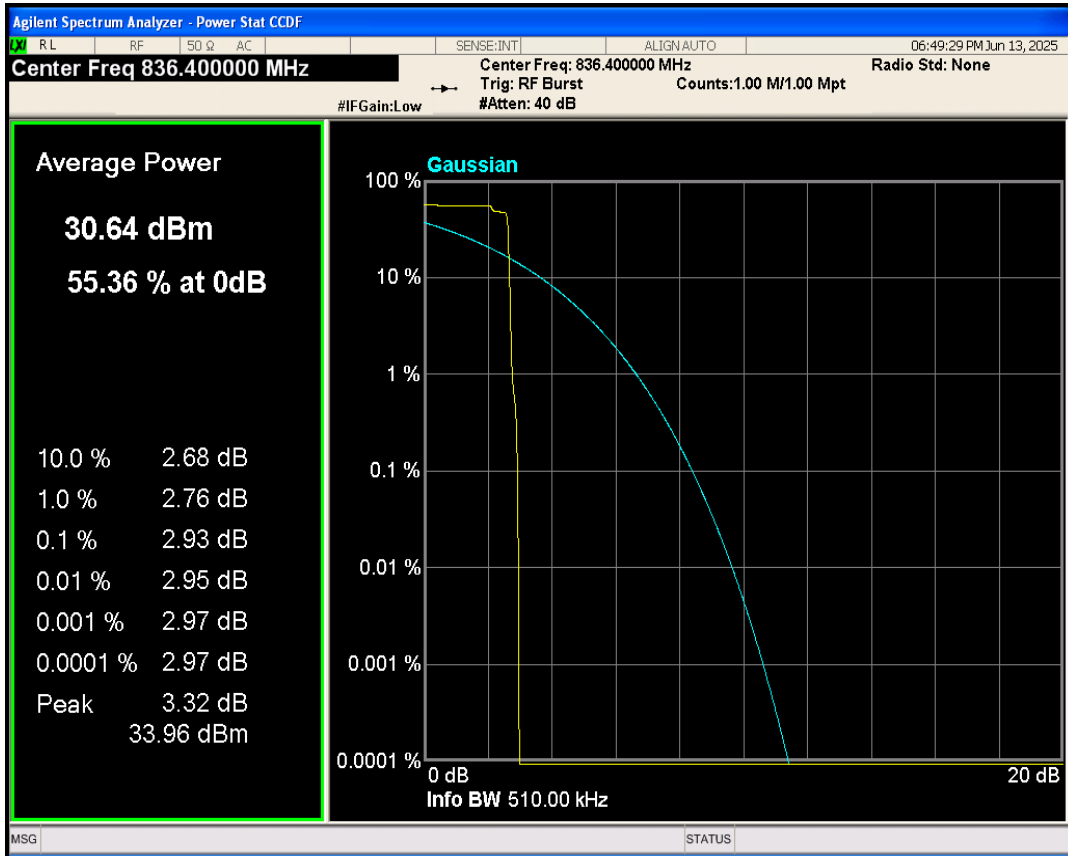
GPRS1900 Channel=810



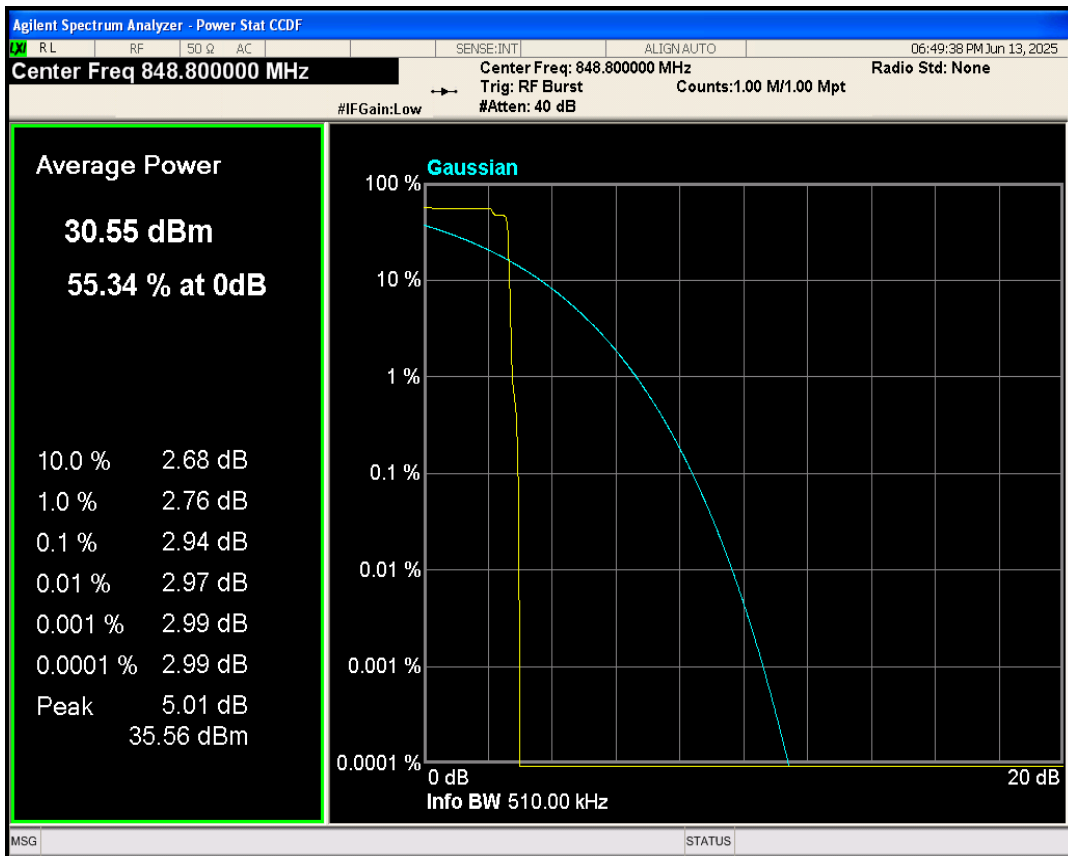
GPRS850 Channel=128



GPRS850 Channel=189



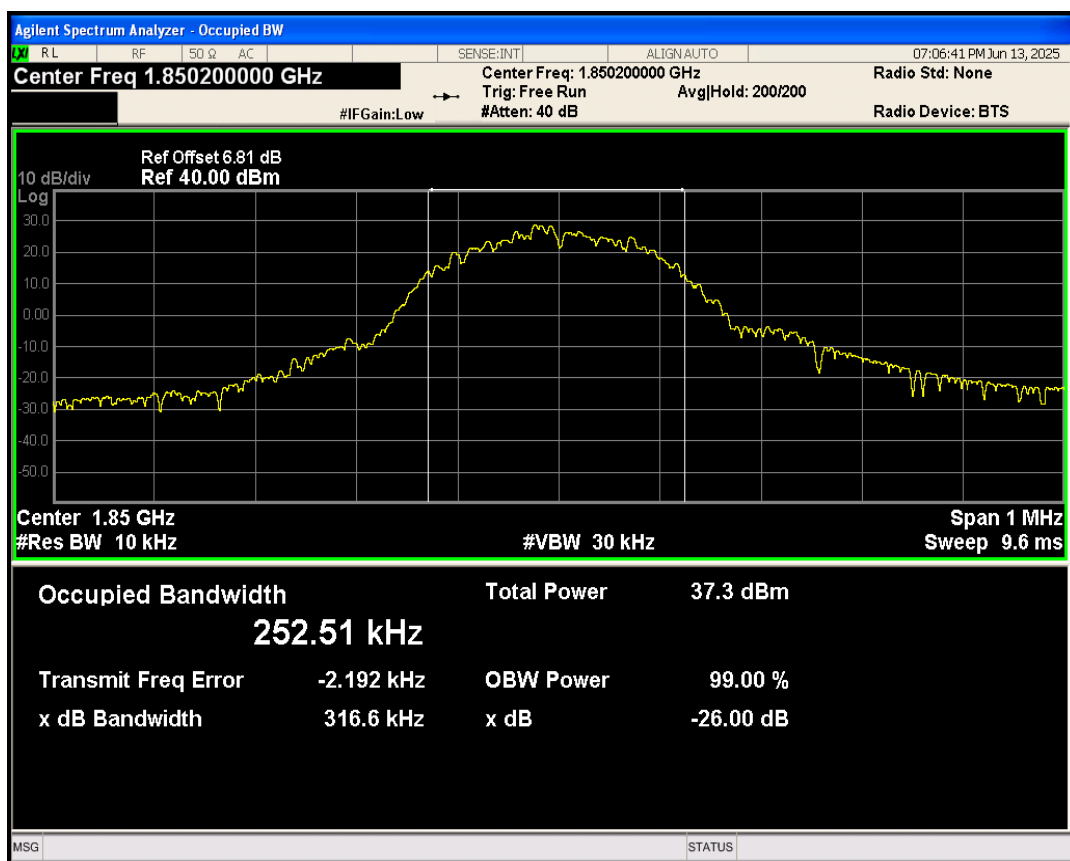
GPRS850 Channel=251



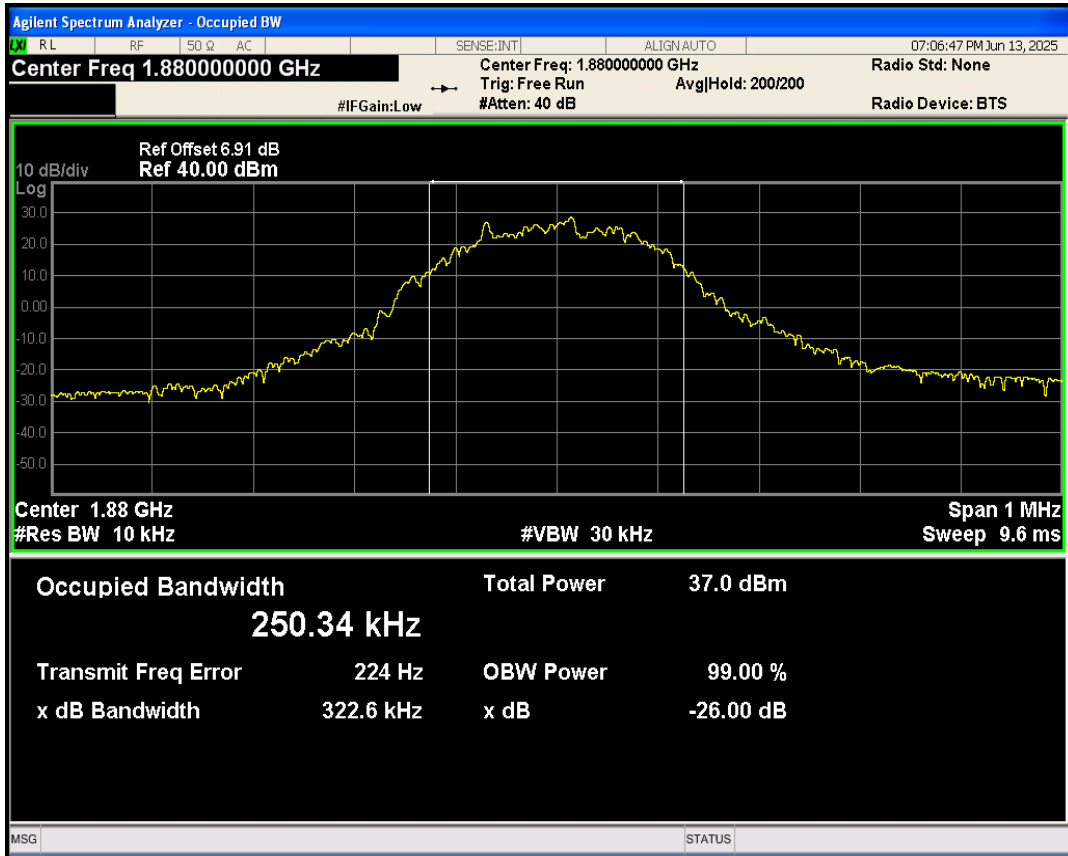
10 Occupied bandwidth

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 252.509       | 316.556         | PASS    |
| GPRS1900 | 661     | 1880            | 250.339       | 322.624         | PASS    |
| GPRS1900 | 810     | 1909.8          | 244.273       | 306.578         | PASS    |
| GPRS850  | 128     | 824.2           | 252.260       | 321.609         | PASS    |
| GPRS850  | 189     | 836.4           | 250.295       | 314.100         | PASS    |
| GPRS850  | 251     | 848.8           | 240.492       | 304.209         | PASS    |

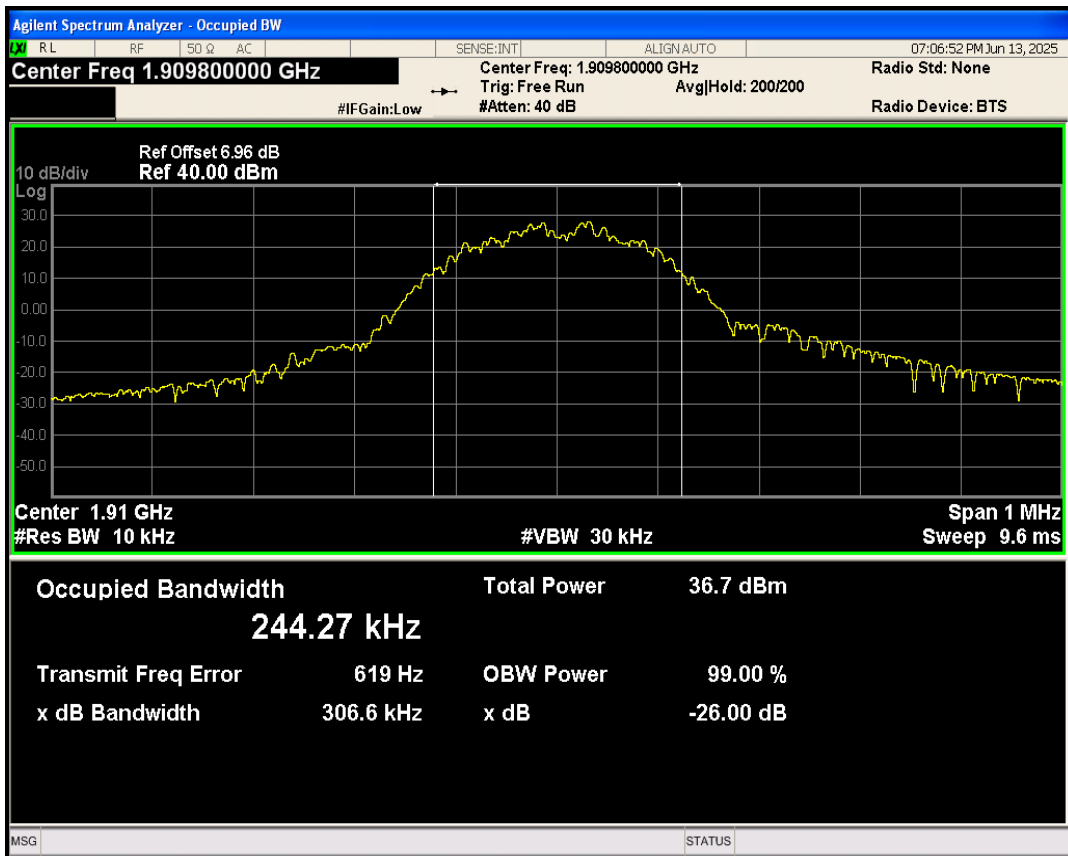
GPRS1900 Channel=512



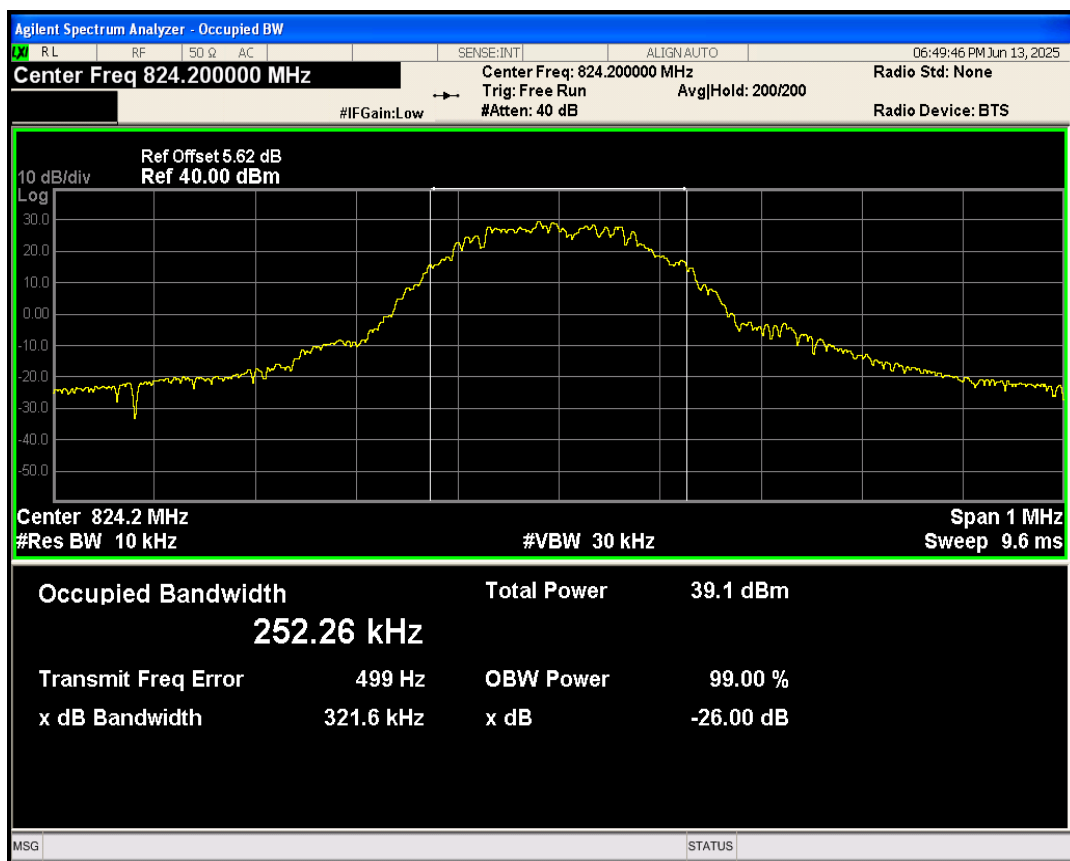
GPRS1900 Channel=661



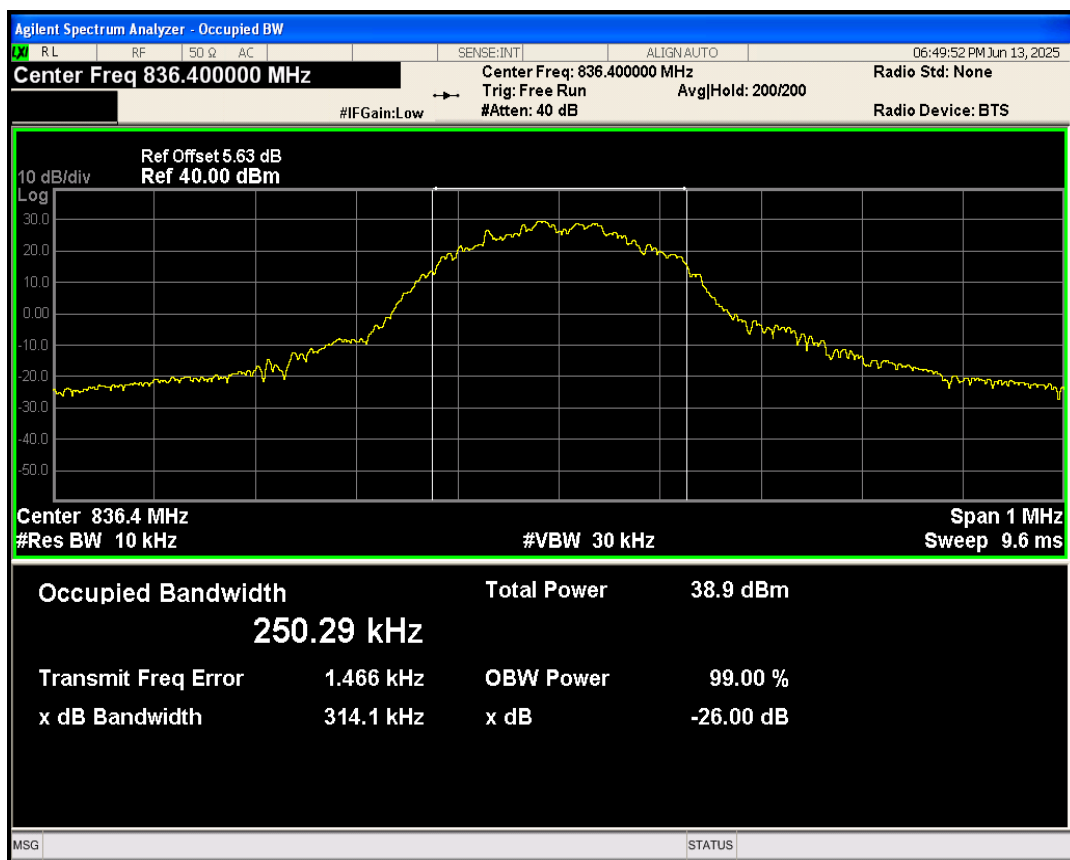
GPRS1900 Channel=810



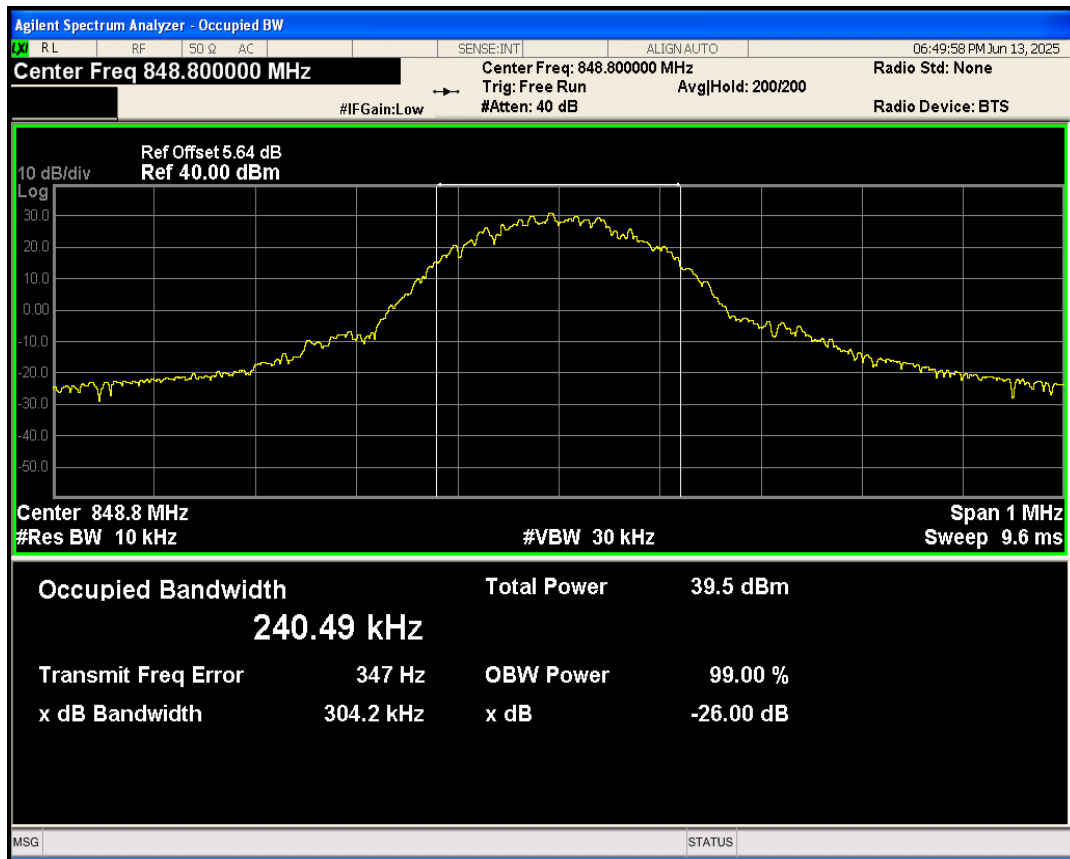
GPRS850 Channel=128



GPRS850 Channel=189



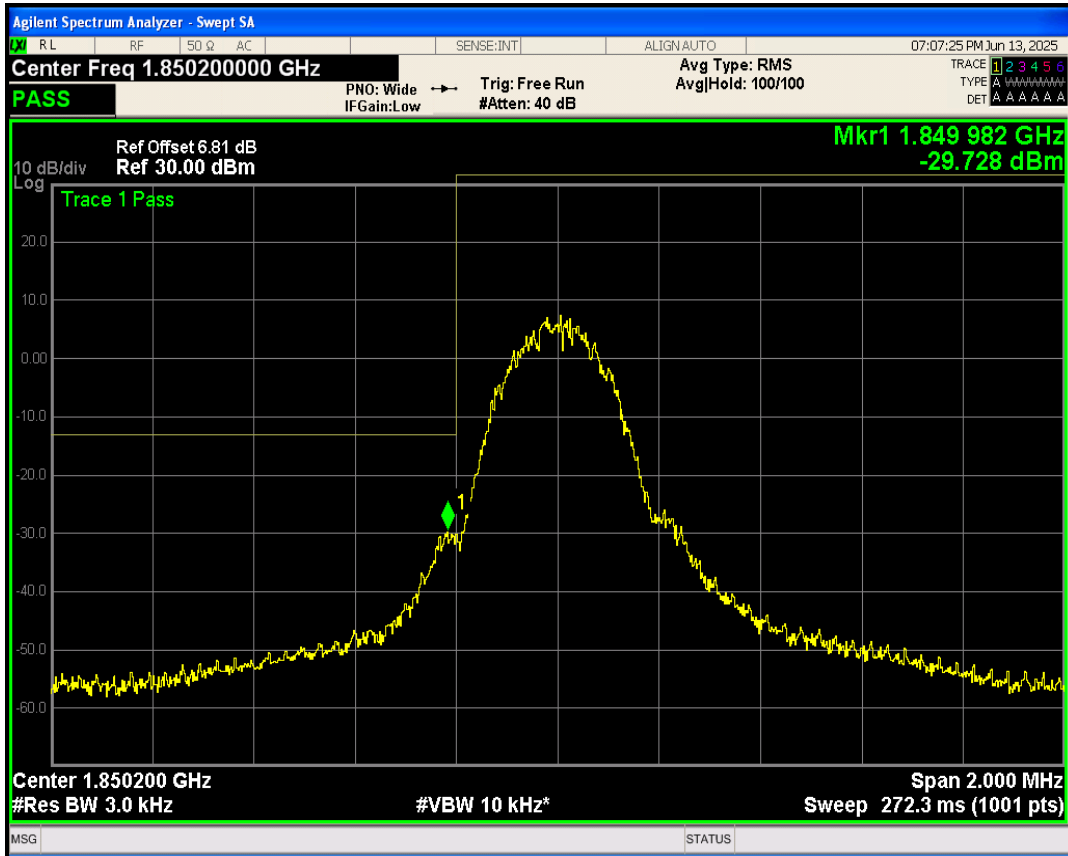
GPRS850 Channel=251



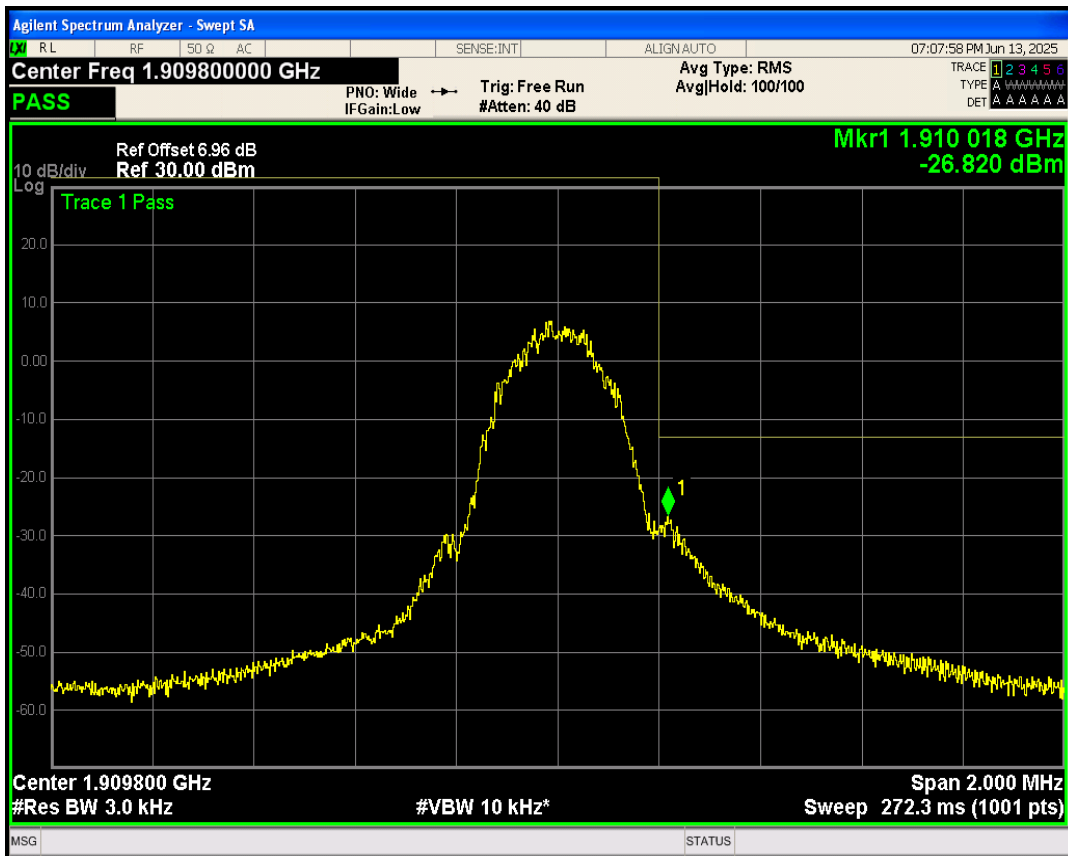
## 11 Band edge

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1849.98         | -29.72           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.02         | -26.82           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 824.00          | -26.05           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.00          | -25.52           | -13         | PASS    |

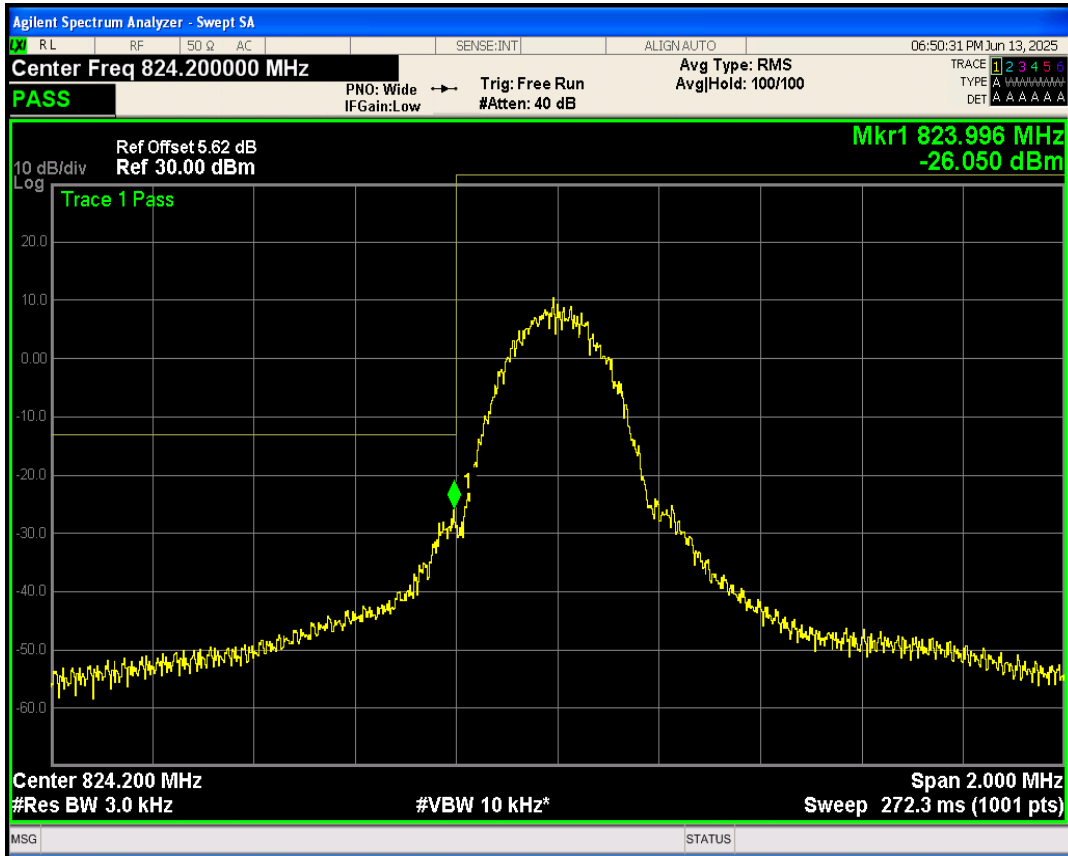
GPRS1900 Channel=512



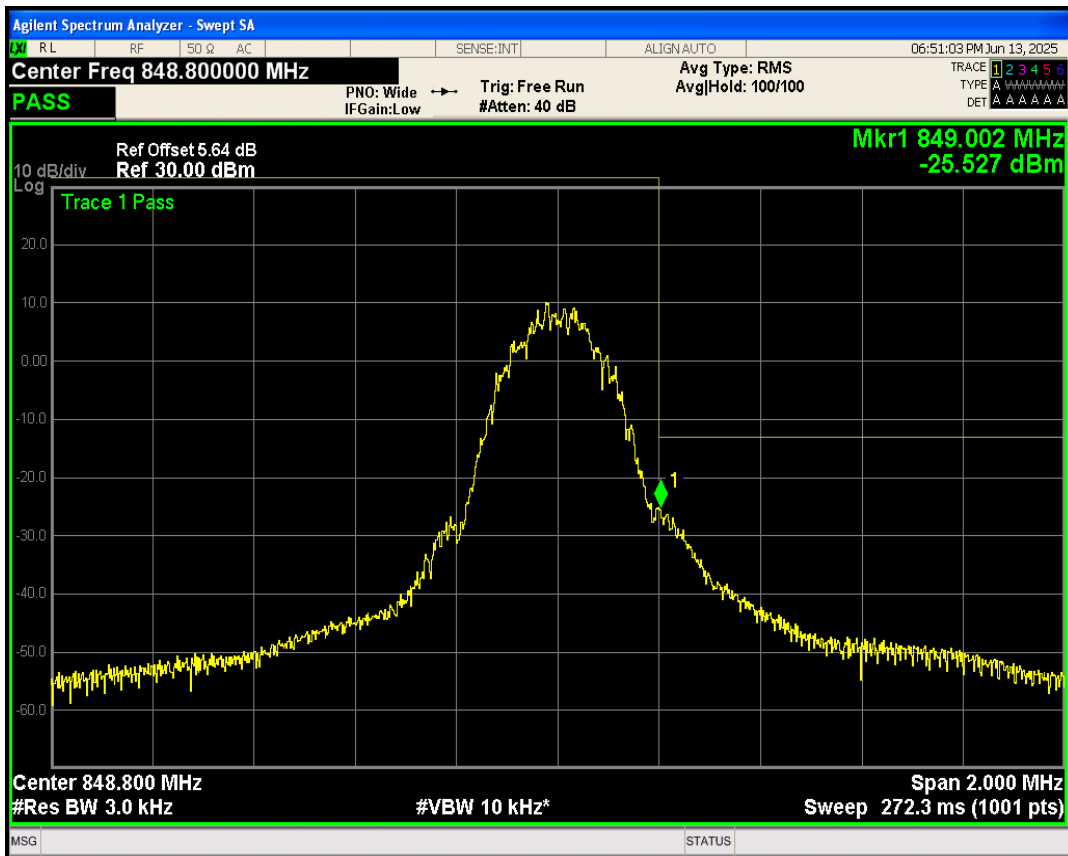
GPRS1900 Channel=810



GPRS850 Channel=128



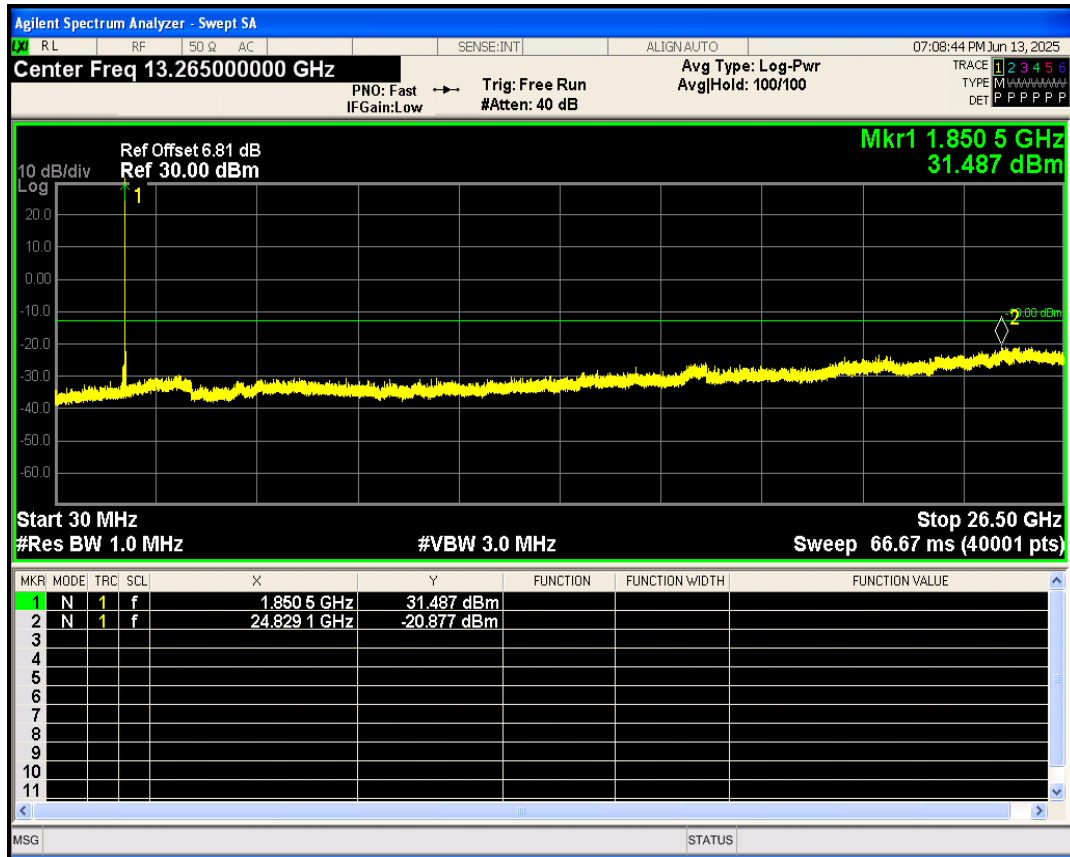
GPRS850 Channel=251



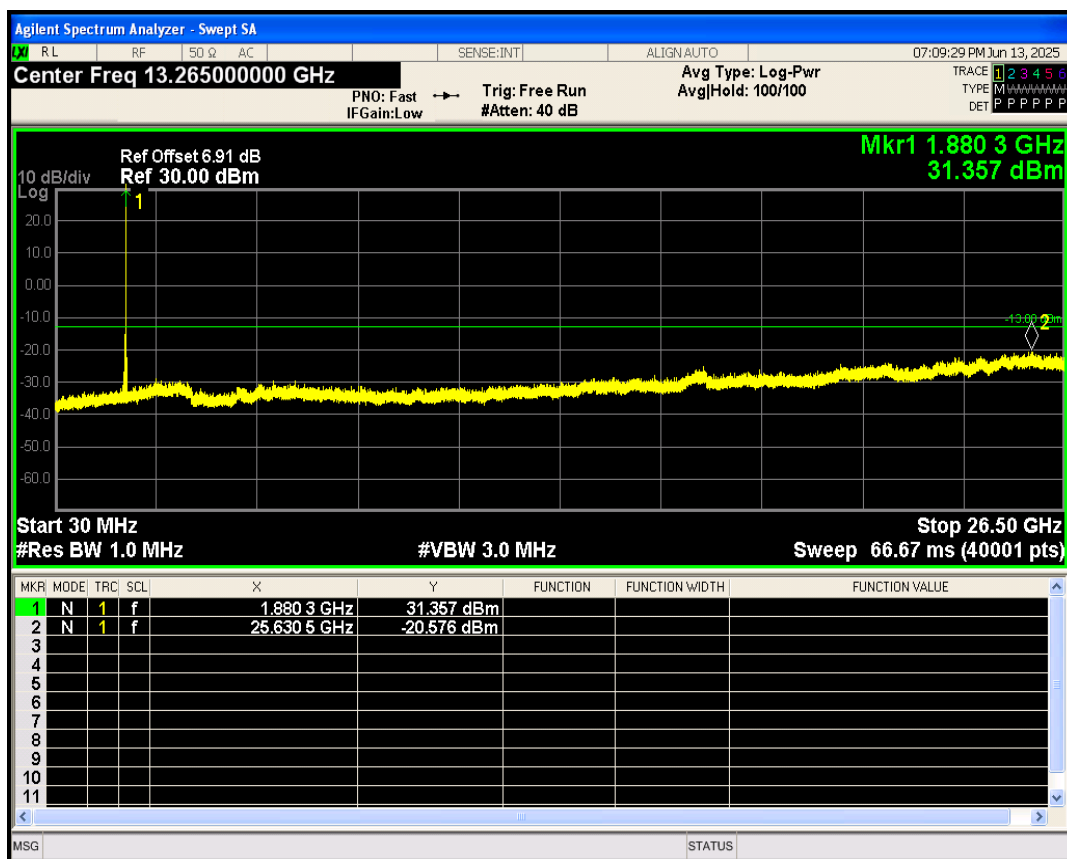
12 Out-of-band emissions

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 24829.08        | -20.87           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 25630.46        | -20.57           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1933.85         | -20.83           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 25145.40        | -21.91           | -13         | PASS    |
| GPRS850  | 189     | 836.4           | 813.51          | -19.25           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 866.45          | -20.01           | -13         | PASS    |

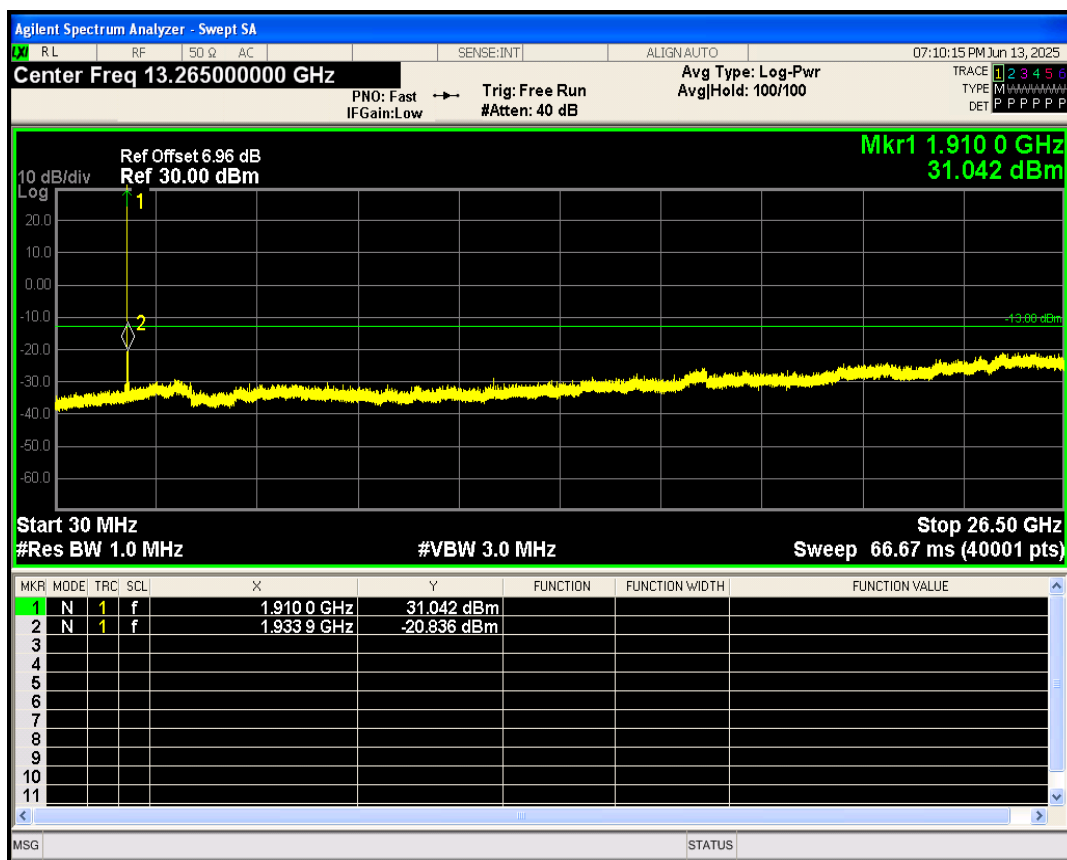
GPRS1900 Channel=512



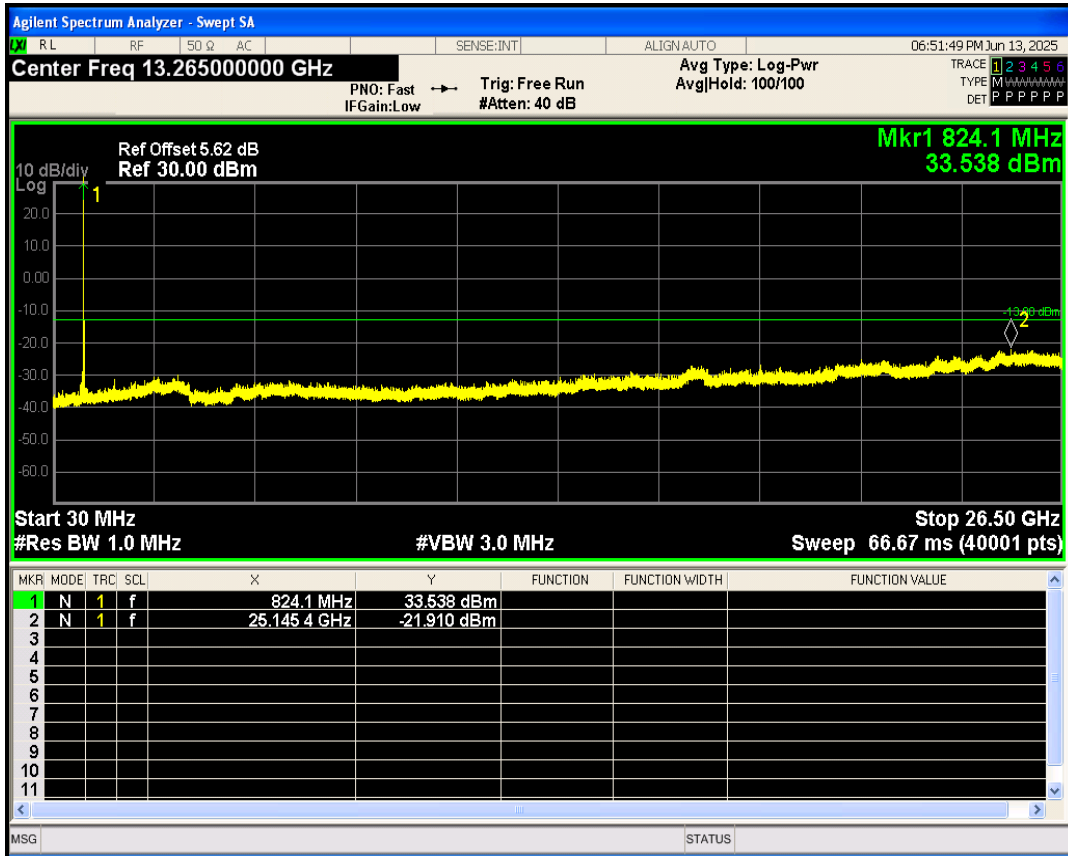
GPRS1900 Channel=661



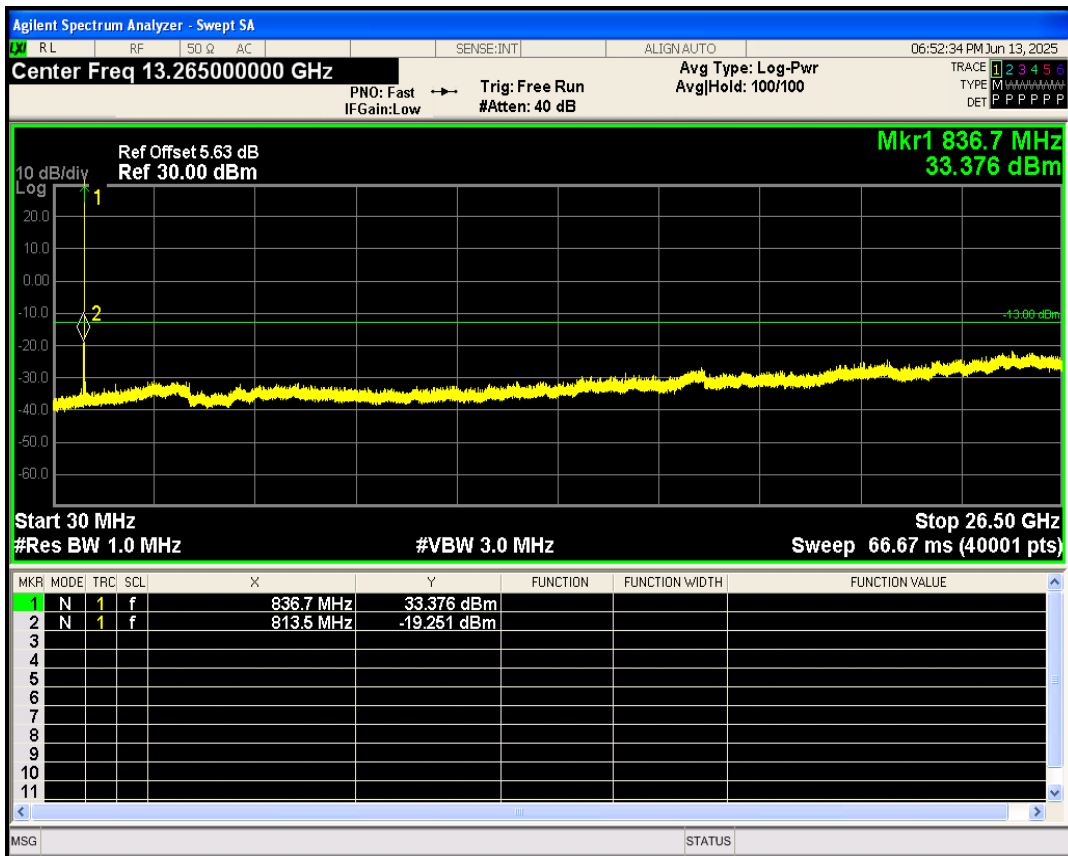
GPRS1900 Channel=810



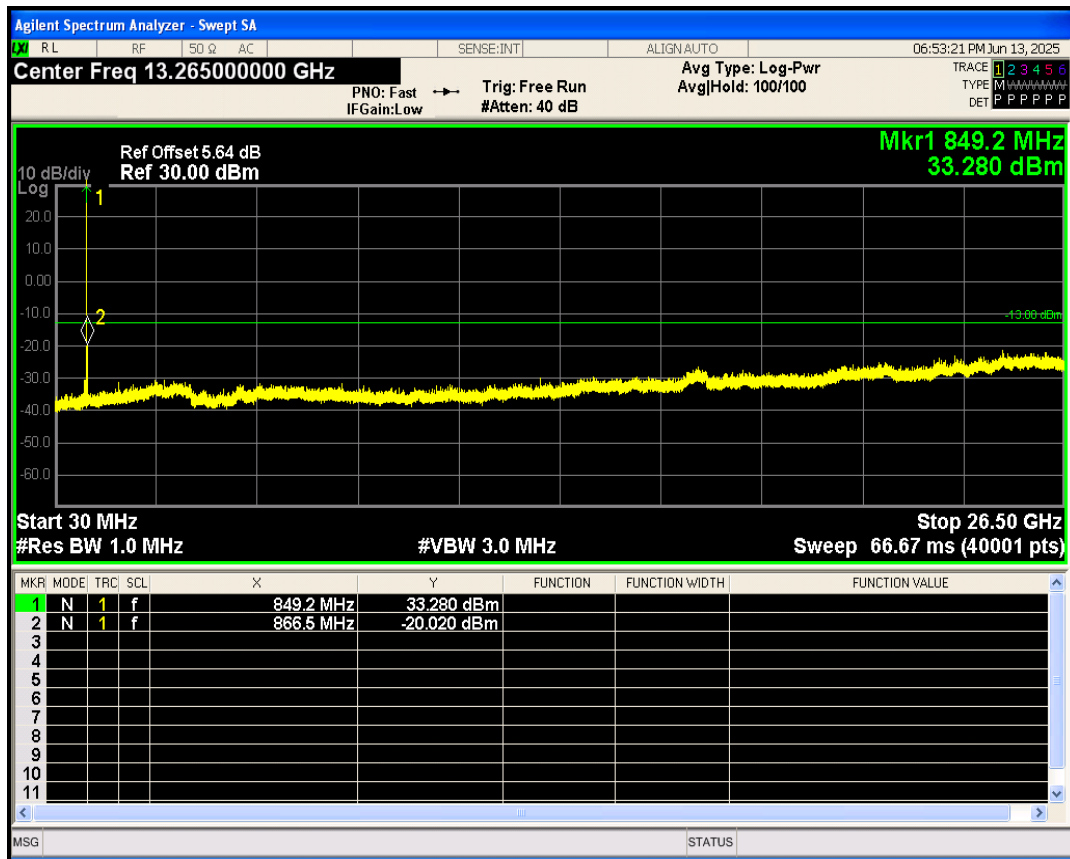
GPRS850 Channel=128



GPRS850 Channel=189



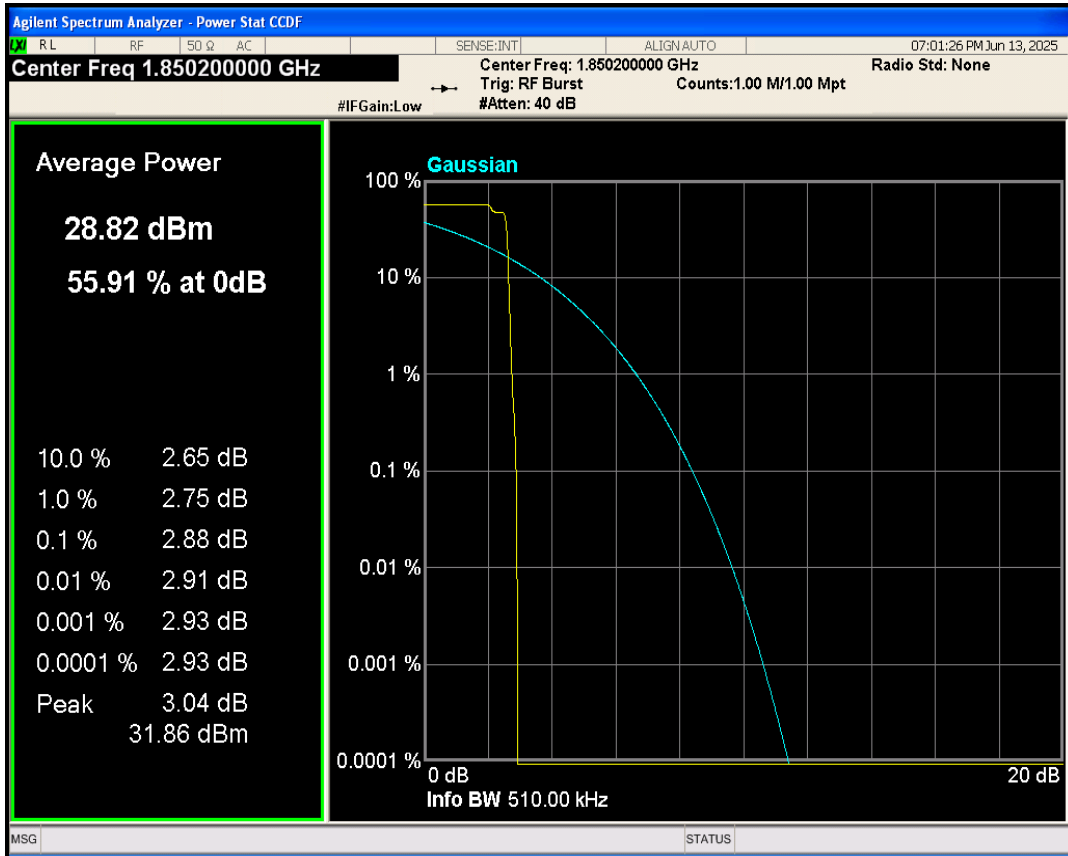
GPRS850 Channel=251



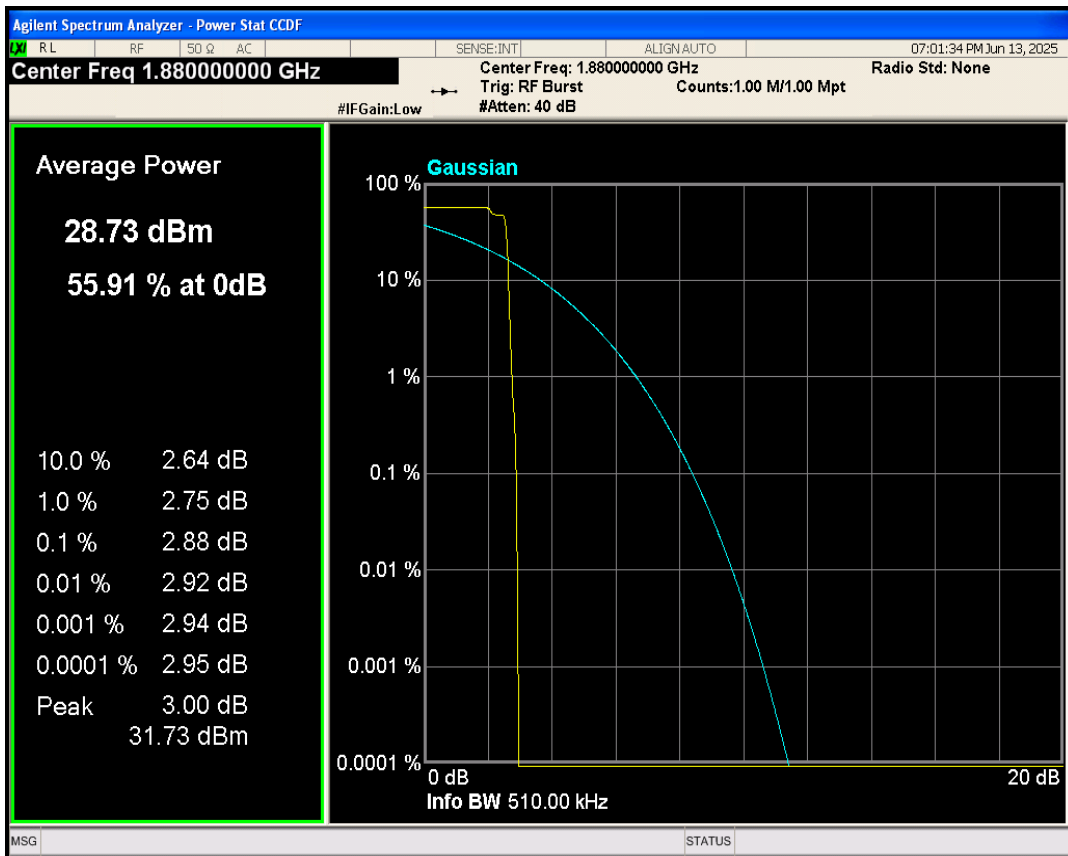
### 03 Peak-to-Average Ratio

| Band    | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 2.88        | 13              | PASS    |
| GSM1900 | 661     | 1880            | 2.88        | 13              | PASS    |
| GSM1900 | 810     | 1909.8          | 2.88        | 13              | PASS    |
| GSM850  | 128     | 824.2           | 2.88        | 13              | PASS    |
| GSM850  | 189     | 836.4           | 3.20        | 13              | PASS    |
| GSM850  | 251     | 848.8           | 2.92        | 13              | PASS    |

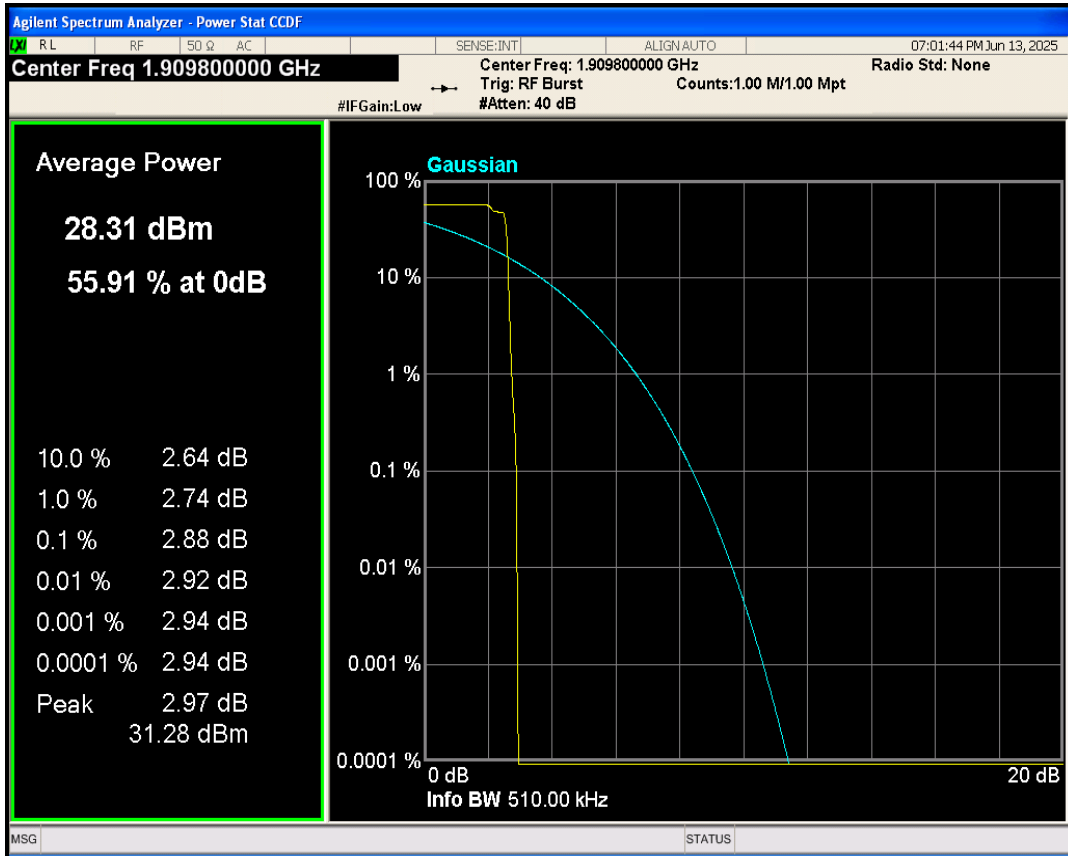
GSM1900 Channel=512



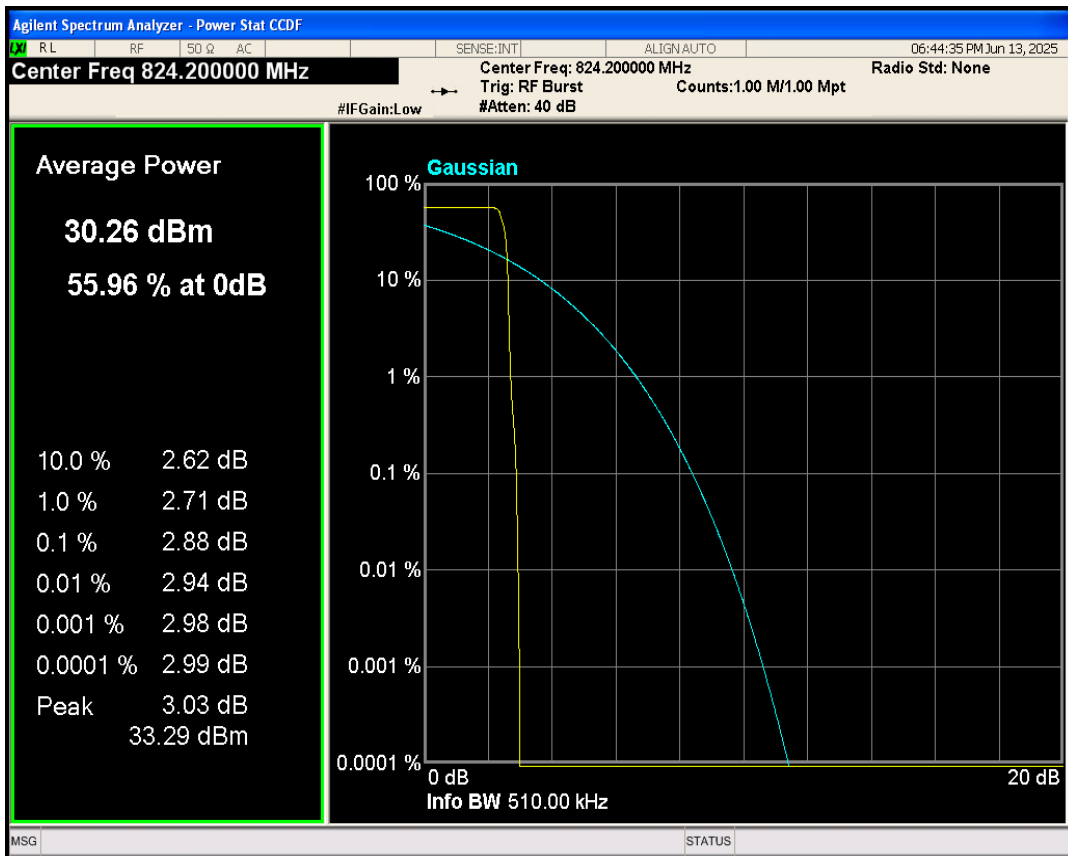
GSM1900 Channel=661



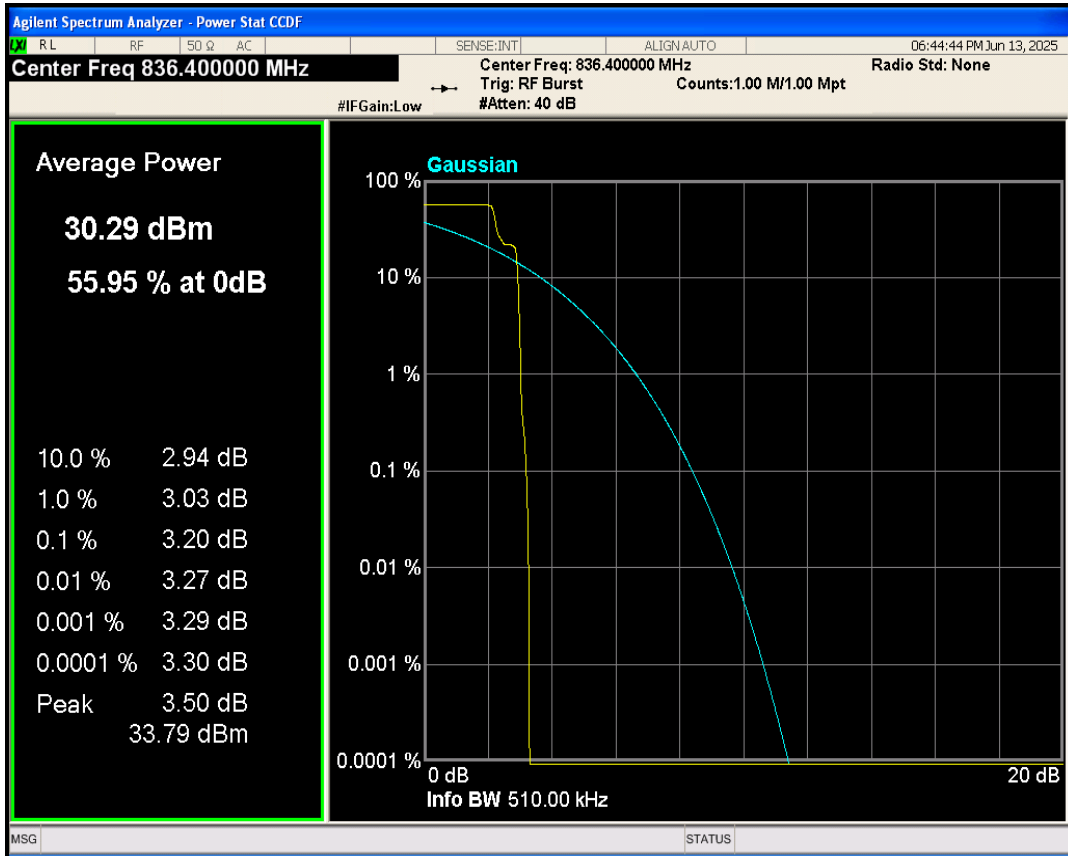
GSM1900 Channel=810



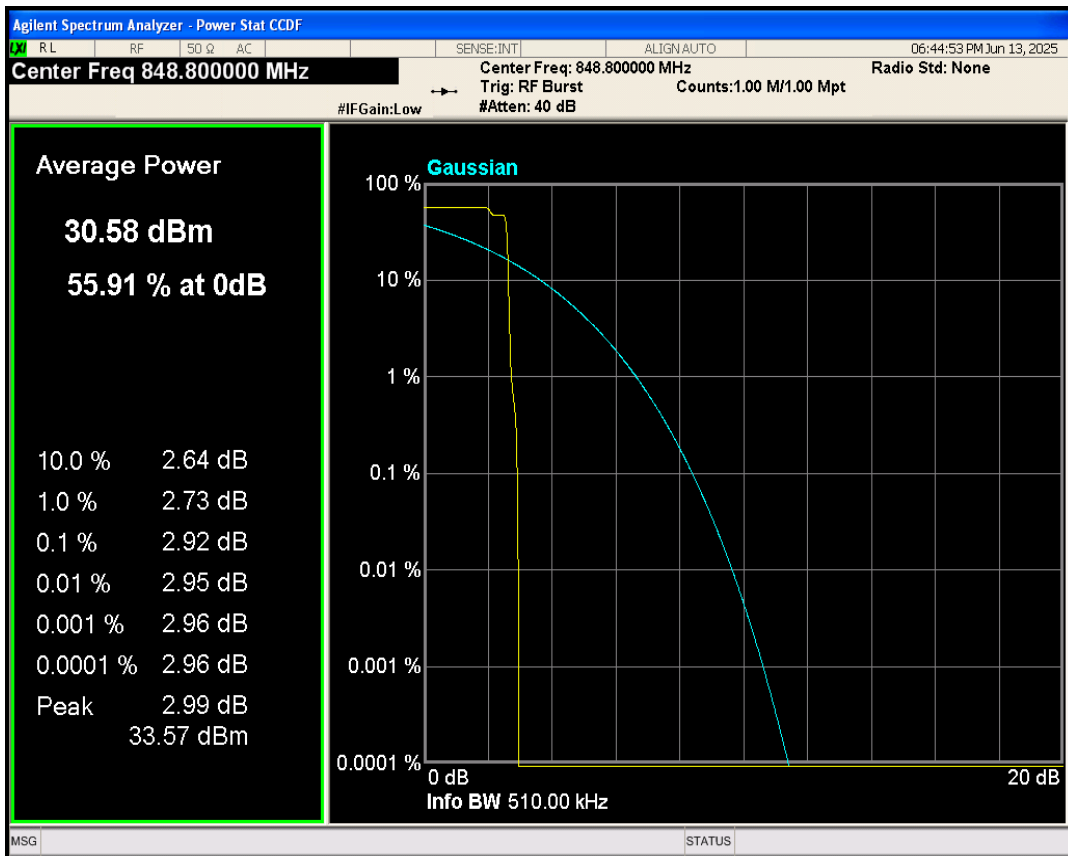
GSM850 Channel=128



GSM850 Channel=189



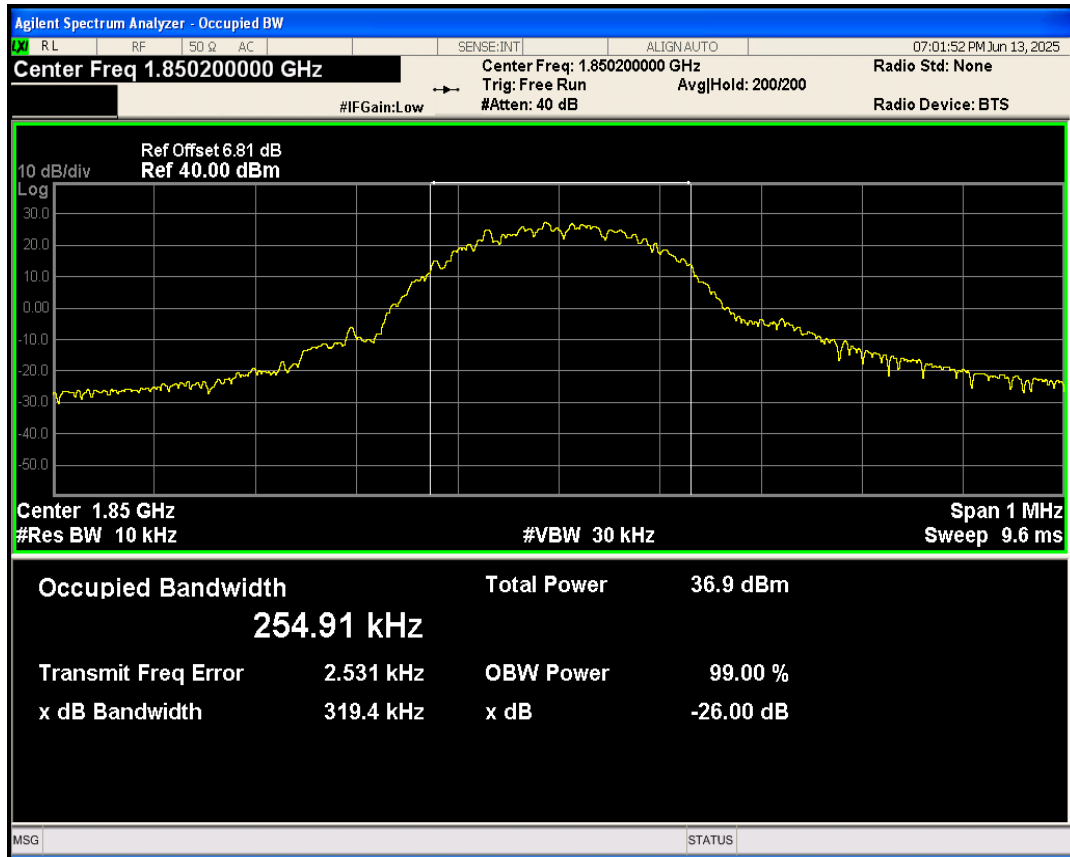
GSM850 Channel=251



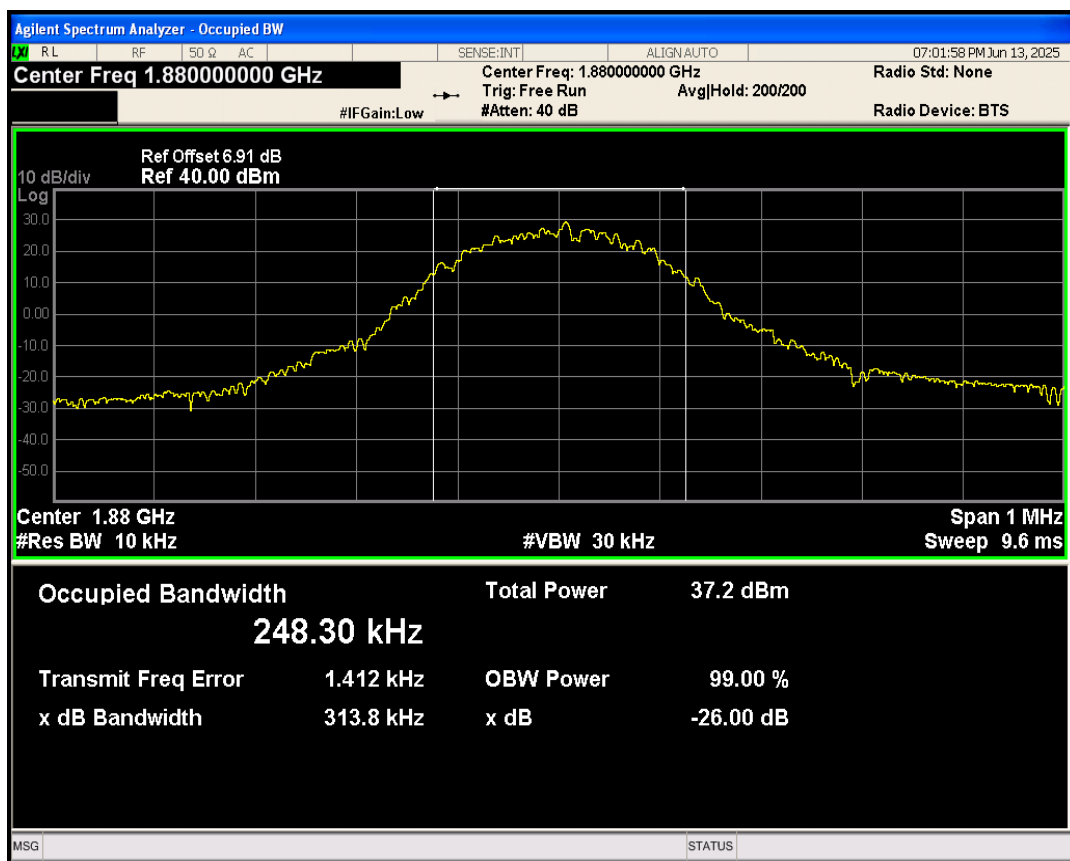
04 Occupied bandwidth

| Band    | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 254.906       | 319.359         | PASS    |
| GSM1900 | 661     | 1880            | 248.300       | 313.775         | PASS    |
| GSM1900 | 810     | 1909.8          | 244.474       | 318.700         | PASS    |
| GSM850  | 128     | 824.2           | 245.402       | 307.363         | PASS    |
| GSM850  | 189     | 836.4           | 249.054       | 317.332         | PASS    |
| GSM850  | 251     | 848.8           | 249.019       | 322.447         | PASS    |

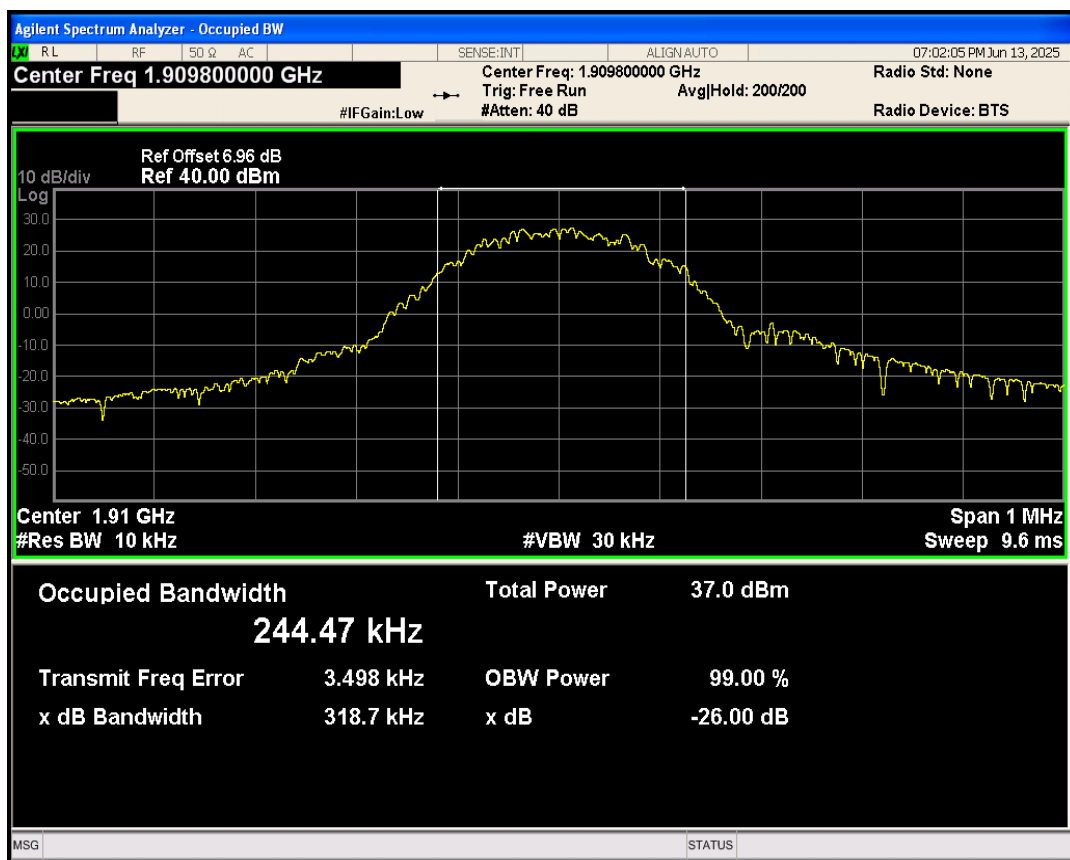
GSM1900 Channel=512



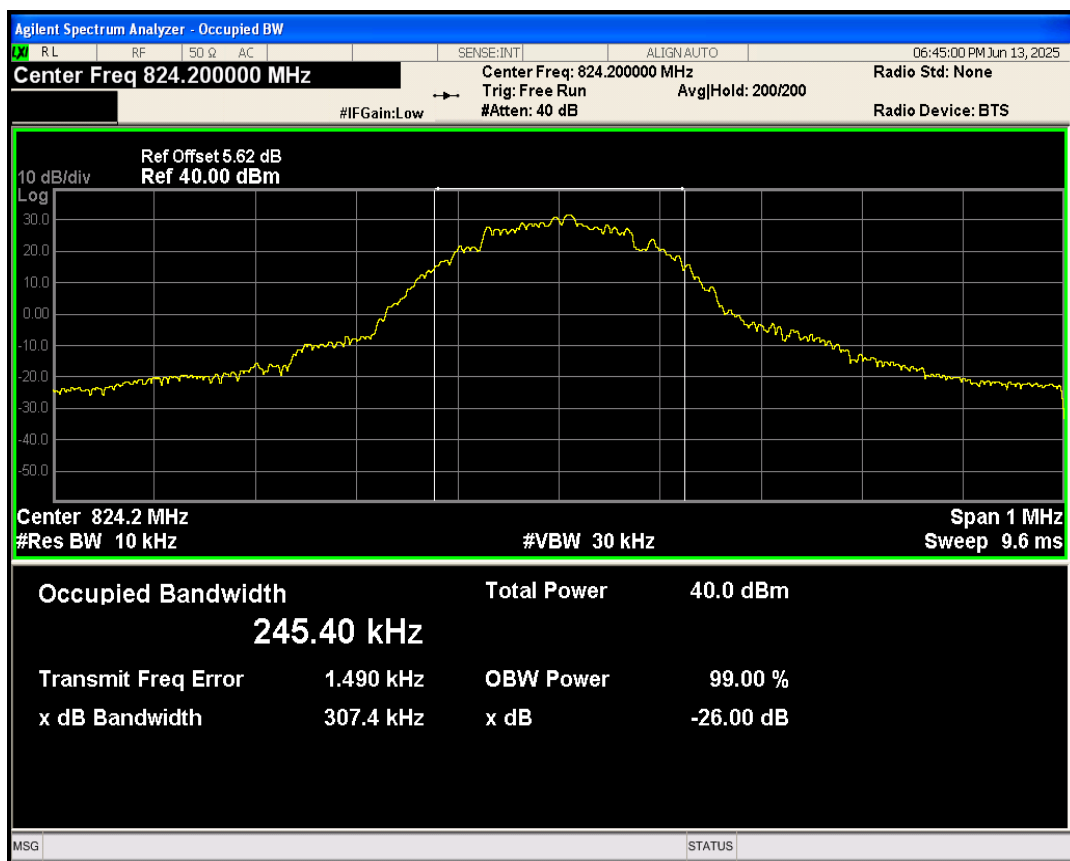
GSM1900 Channel=661



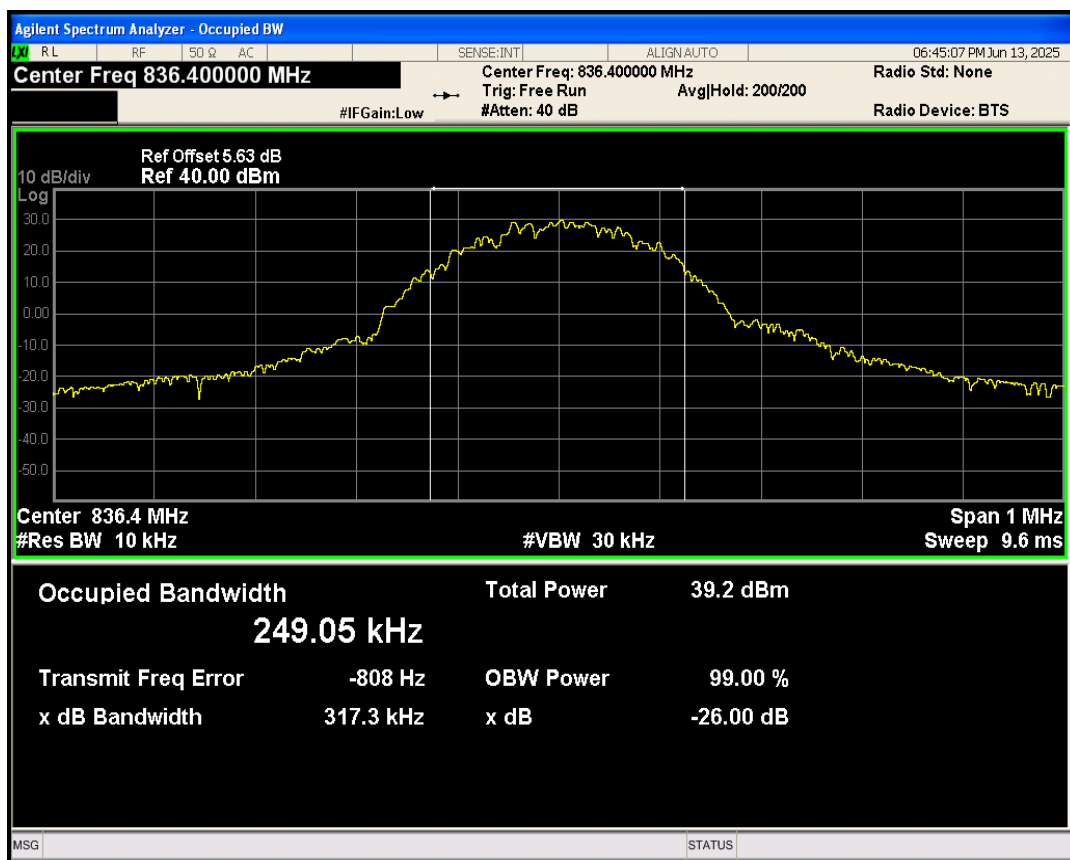
GSM1900 Channel=810



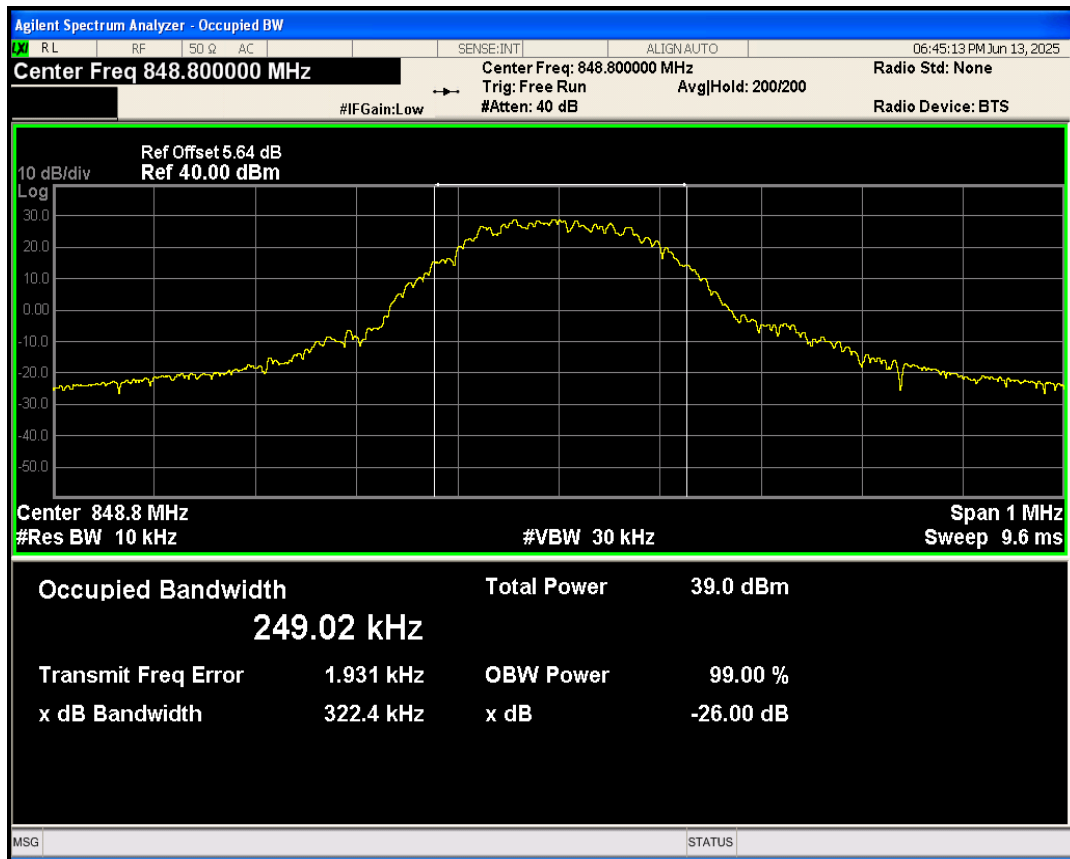
GSM850 Channel=128



GSM850 Channel=189



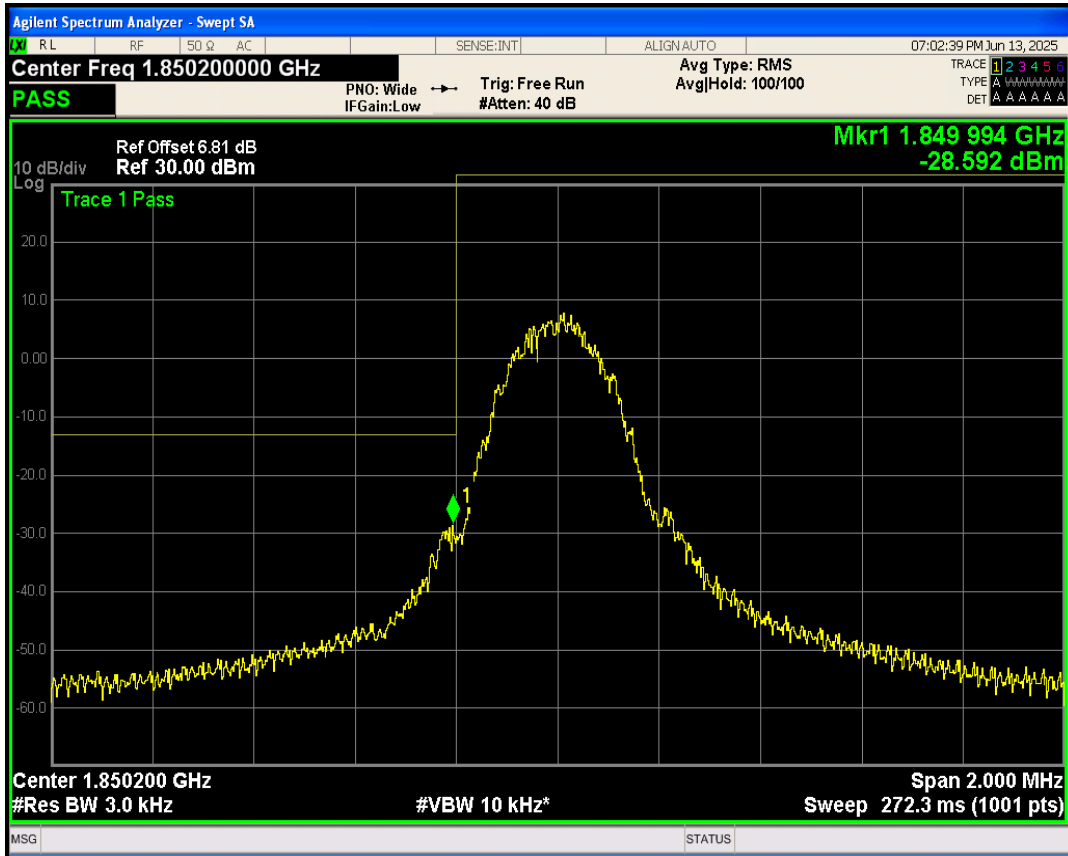
GSM850 Channel=251



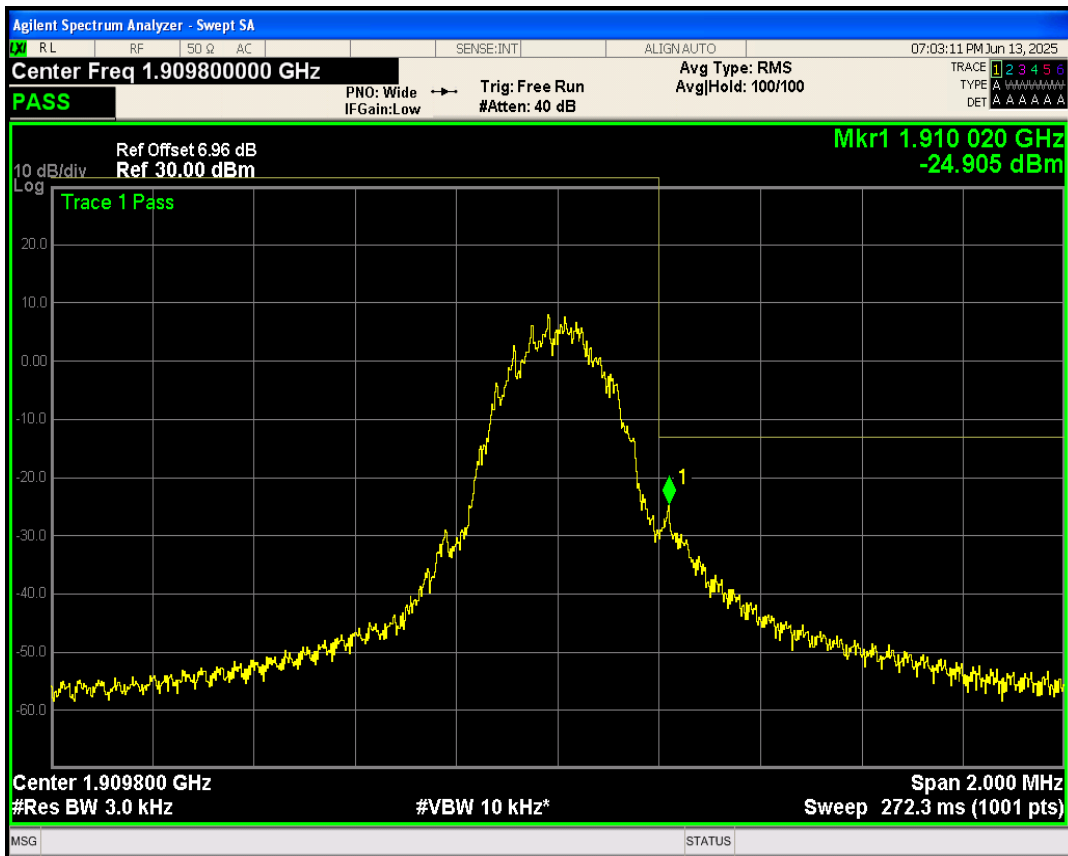
## 05 Band edge

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 1849.99         | -28.59           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 1910.02         | -24.90           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 823.98          | -26.09           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 849.02          | -23.67           | -13         | PASS    |

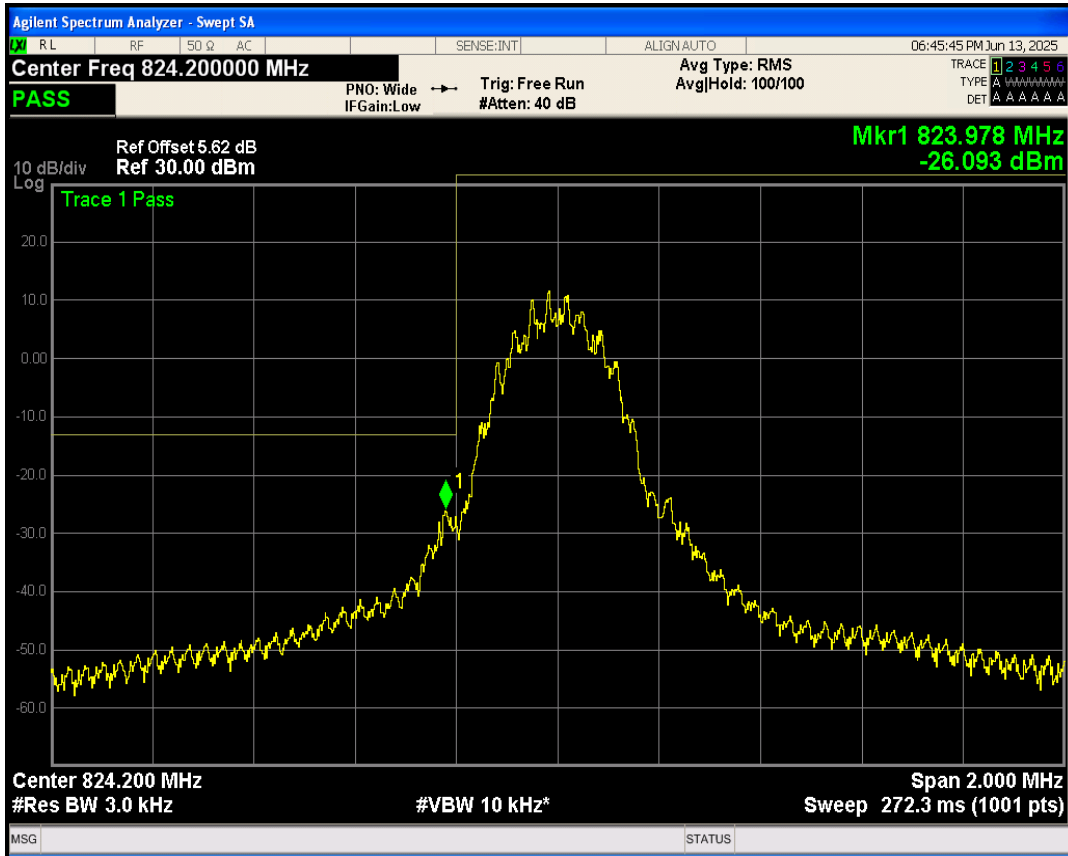
GSM1900 Channel=512



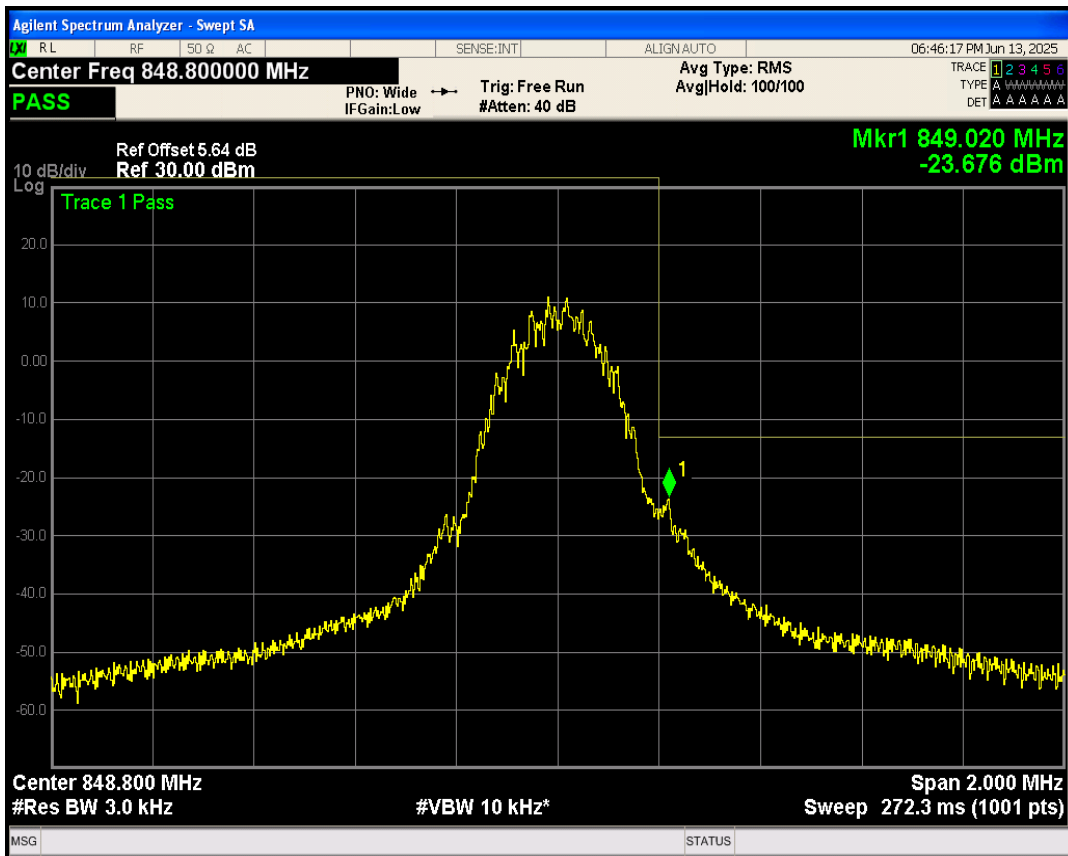
GSM1900 Channel=810



GSM850 Channel=128



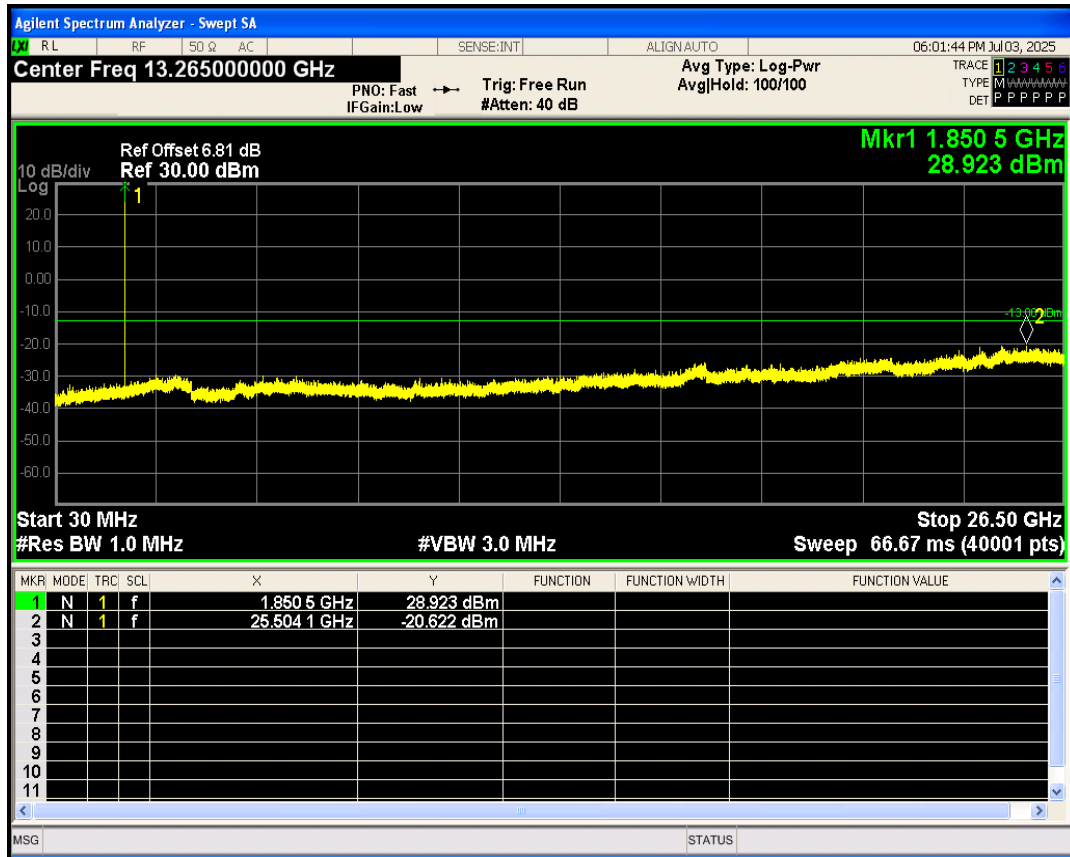
GSM850 Channel=251



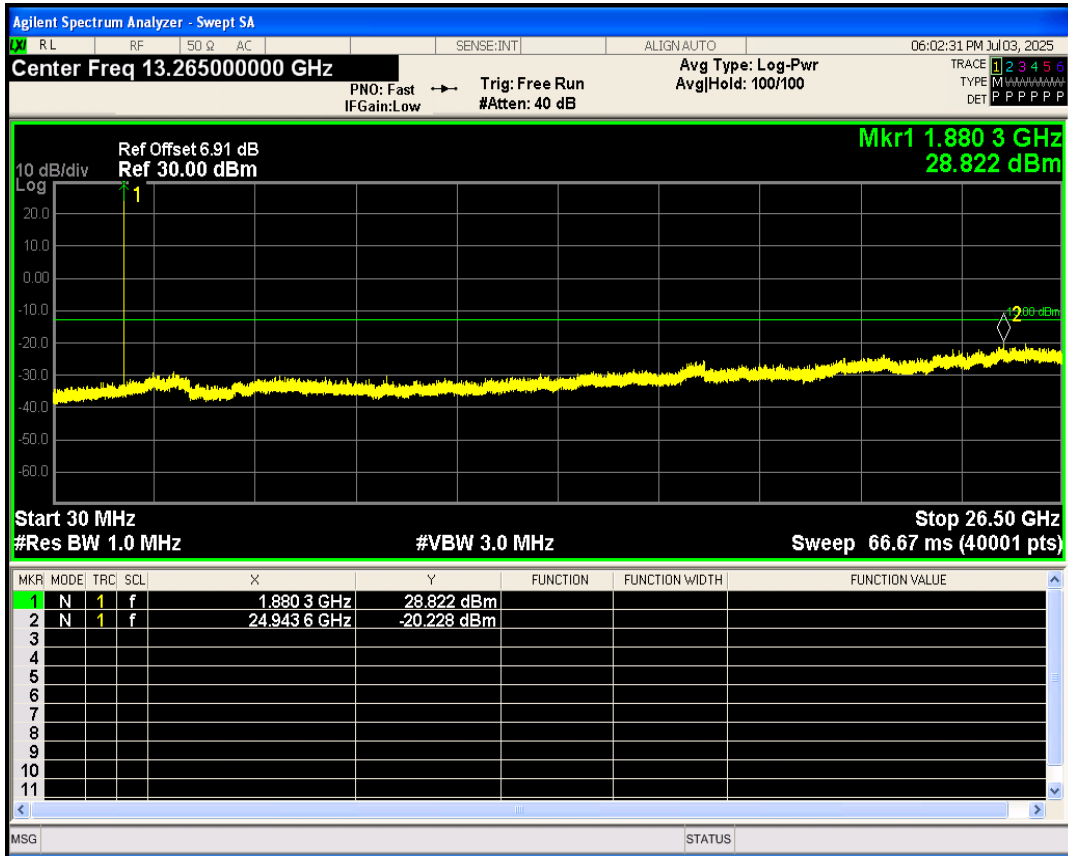
06 Out-of-band emissions

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 25504.07        | -20.62           | -13         | PASS    |
| GSM1900 | 661     | 1880            | 24943.56        | -20.22           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 25796.56        | -20.53           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 25529.21        | -20.93           | -13         | PASS    |
| GSM850  | 189     | 836.4           | 817.48          | -15.97           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 25603.33        | -21.43           | -13         | PASS    |

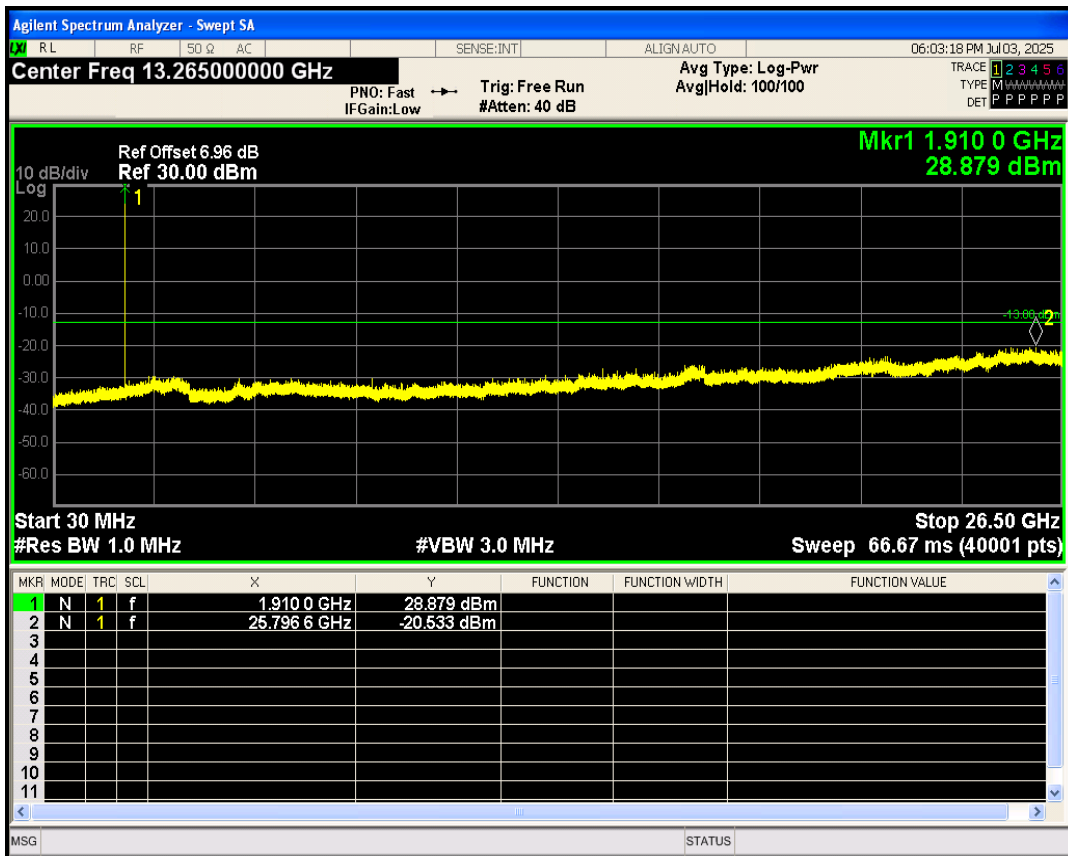
GSM1900 Channel=512



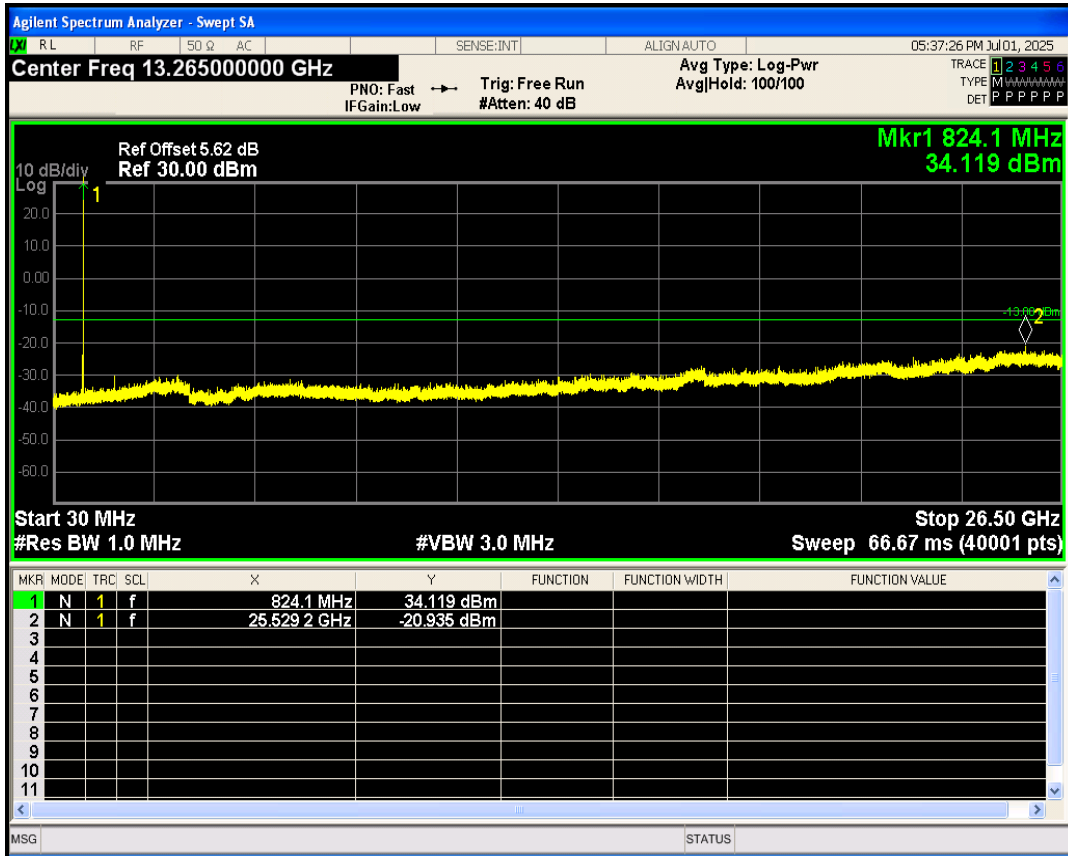
GSM1900 Channel=661



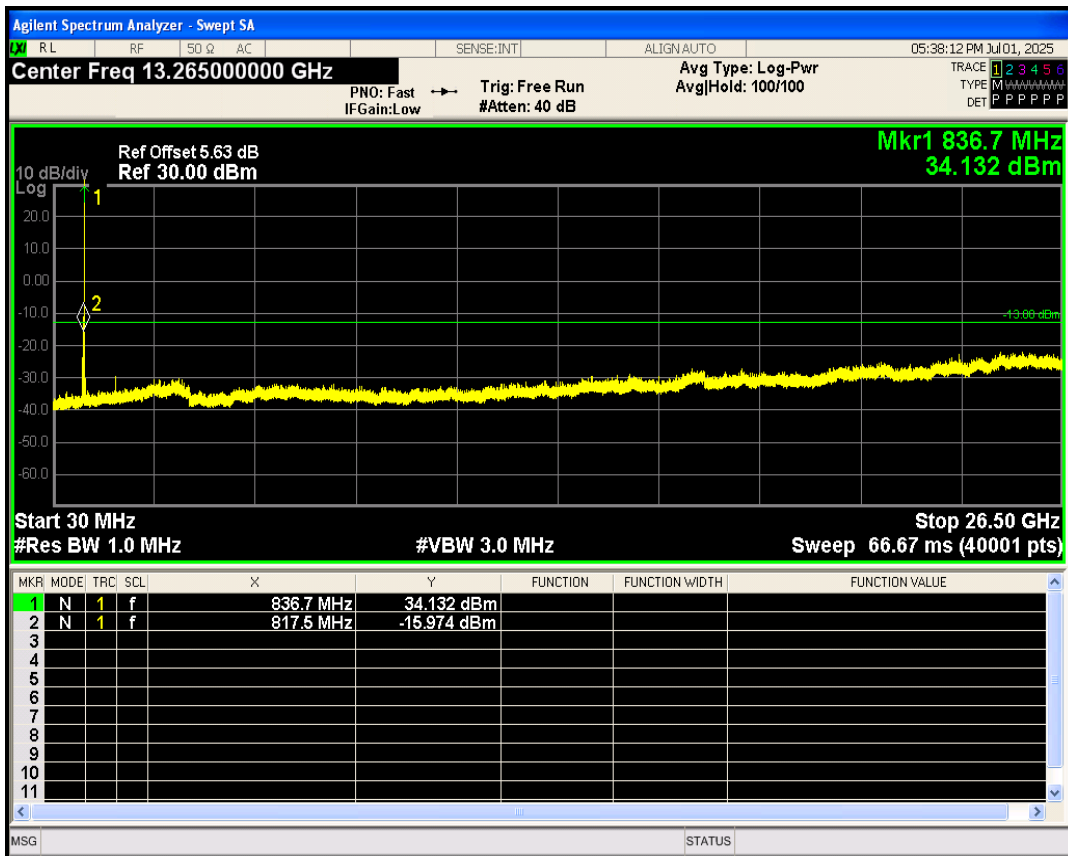
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=189



GSM850 Channel=251

