

## 01 Conducted output power

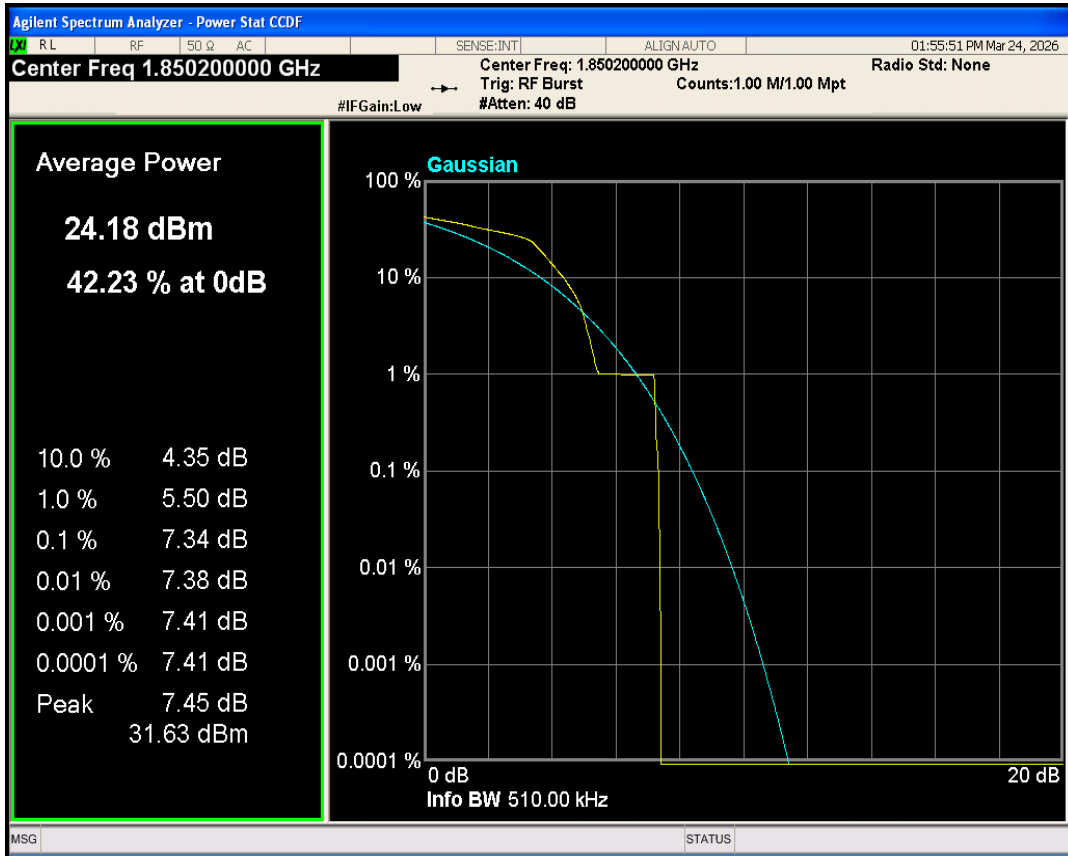
| Band             | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512     | 1850.2          | 25.50       | PASS    |
| EGPRS1900 1 Slot | 661     | 1880            | 25.54       | PASS    |
| EGPRS1900 1 Slot | 810     | 1909.8          | 25.98       | PASS    |
| EGPRS1900 2 Slot | 512     | 1850.2          | 23.89       | PASS    |
| EGPRS1900 2 Slot | 661     | 1880            | 23.86       | PASS    |
| EGPRS1900 2 Slot | 810     | 1909.8          | 24.59       | PASS    |
| EGPRS1900 3 Slot | 512     | 1850.2          | 21.61       | PASS    |
| EGPRS1900 3 Slot | 661     | 1880            | 22.16       | PASS    |
| EGPRS1900 3 Slot | 810     | 1909.8          | 22.40       | PASS    |
| EGPRS1900 4 Slot | 512     | 1850.2          | 19.44       | PASS    |
| EGPRS1900 4 Slot | 661     | 1880            | 19.93       | PASS    |
| EGPRS1900 4 Slot | 810     | 1909.8          | 20.12       | PASS    |
| EGPRS850 1 Slot  | 128     | 824.2           | 25.43       | PASS    |
| EGPRS850 1 Slot  | 189     | 836.4           | 25.69       | PASS    |
| EGPRS850 1 Slot  | 251     | 848.8           | 25.19       | PASS    |
| EGPRS850 2 Slot  | 128     | 824.2           | 24.86       | PASS    |
| EGPRS850 2 Slot  | 189     | 836.4           | 24.51       | PASS    |
| EGPRS850 2 Slot  | 251     | 848.8           | 24.67       | PASS    |
| EGPRS850 3 Slot  | 128     | 824.2           | 22.66       | PASS    |
| EGPRS850 3 Slot  | 189     | 836.4           | 22.48       | PASS    |
| EGPRS850 3 Slot  | 251     | 848.8           | 22.03       | PASS    |
| EGPRS850 4 Slot  | 128     | 824.2           | 20.36       | PASS    |
| EGPRS850 4 Slot  | 189     | 836.4           | 19.97       | PASS    |
| EGPRS850 4 Slot  | 251     | 848.8           | 20.00       | PASS    |
| GPRS1900 1 Slot  | 512     | 1850.2          | 30.21       | PASS    |
| GPRS1900 1 Slot  | 661     | 1880            | 30.50       | PASS    |
| GPRS1900 1 Slot  | 810     | 1909.8          | 30.18       | PASS    |
| GPRS1900 2 Slot  | 512     | 1850.2          | 27.99       | PASS    |
| GPRS1900 2 Slot  | 661     | 1880            | 28.20       | PASS    |
| GPRS1900 2 Slot  | 810     | 1909.8          | 28.38       | PASS    |
| GPRS1900 3 Slot  | 512     | 1850.2          | 26.53       | PASS    |
| GPRS1900 3 Slot  | 661     | 1880            | 26.71       | PASS    |
| GPRS1900 3 Slot  | 810     | 1909.8          | 26.90       | PASS    |
| GPRS1900 4 Slot  | 512     | 1850.2          | 24.51       | PASS    |
| GPRS1900 4 Slot  | 661     | 1880            | 24.72       | PASS    |
| GPRS1900 4 Slot  | 810     | 1909.8          | 24.89       | PASS    |
| GPRS850 1 Slot   | 128     | 824.2           | 32.89       | PASS    |
| GPRS850 1 Slot   | 189     | 836.4           | 32.64       | PASS    |
| GPRS850 1 Slot   | 251     | 848.8           | 32.78       | PASS    |
| GPRS850 2 Slot   | 128     | 824.2           | 30.92       | PASS    |
| GPRS850 2 Slot   | 189     | 836.4           | 30.65       | PASS    |

|                |     |        |       |      |
|----------------|-----|--------|-------|------|
| GPRS850 2 Slot | 251 | 848.8  | 30.68 | PASS |
| GPRS850 3 Slot | 128 | 824.2  | 29.22 | PASS |
| GPRS850 3 Slot | 189 | 836.4  | 28.89 | PASS |
| GPRS850 3 Slot | 251 | 848.8  | 28.89 | PASS |
| GPRS850 4 Slot | 128 | 824.2  | 27.31 | PASS |
| GPRS850 4 Slot | 189 | 836.4  | 26.96 | PASS |
| GPRS850 4 Slot | 251 | 848.8  | 26.94 | PASS |
| GSM1900        | 512 | 1850.2 | 30.22 | PASS |
| GSM1900        | 661 | 1880   | 30.50 | PASS |
| GSM1900        | 810 | 1909.8 | 30.51 | PASS |
| GSM850         | 128 | 824.2  | 32.88 | PASS |
| GSM850         | 189 | 836.4  | 32.64 | PASS |
| GSM850         | 251 | 848.8  | 32.75 | PASS |

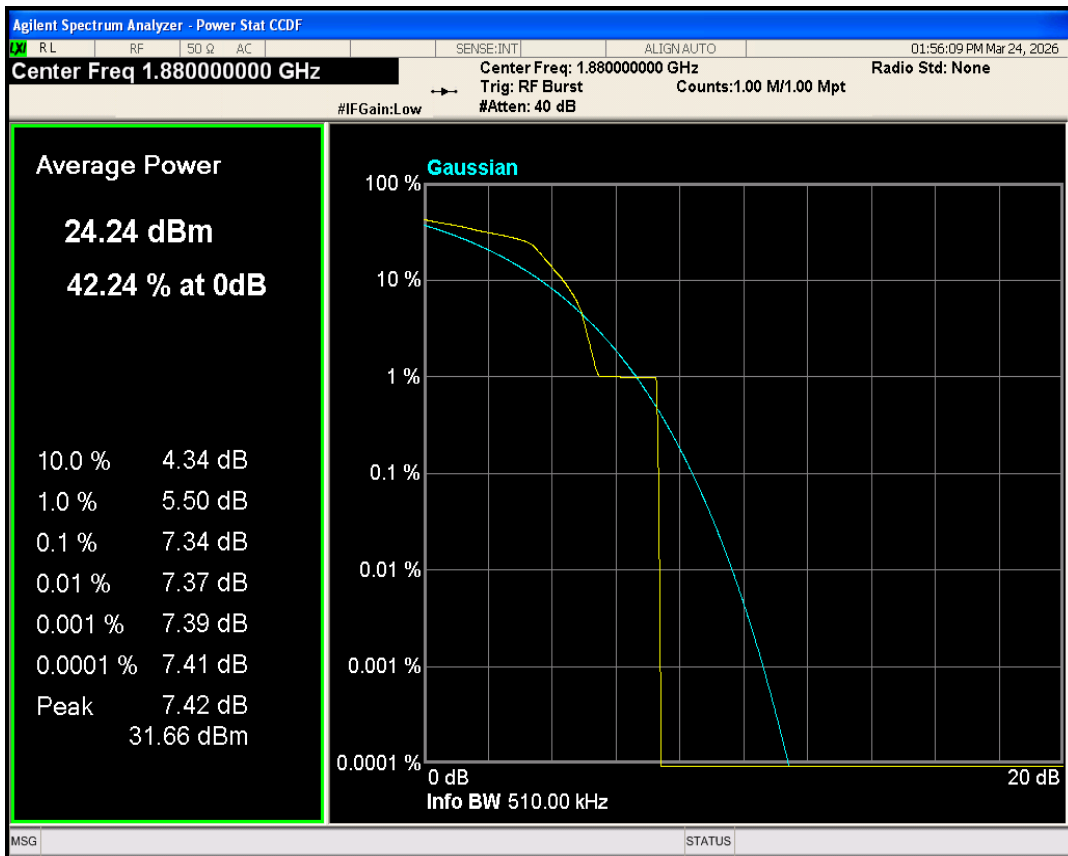
### 15 Peak-to-Average Ratio

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 7.34        | 13              | PASS    |
| EGPRS1900 | 661     | 1880            | 7.34        | 13              | PASS    |
| EGPRS1900 | 810     | 1909.8          | 7.05        | 13              | PASS    |
| EGPRS850  | 128     | 824.2           | 9.66        | 13              | PASS    |
| EGPRS850  | 189     | 836.4           | 9.88        | 13              | PASS    |
| EGPRS850  | 251     | 848.8           | 9.94        | 13              | PASS    |

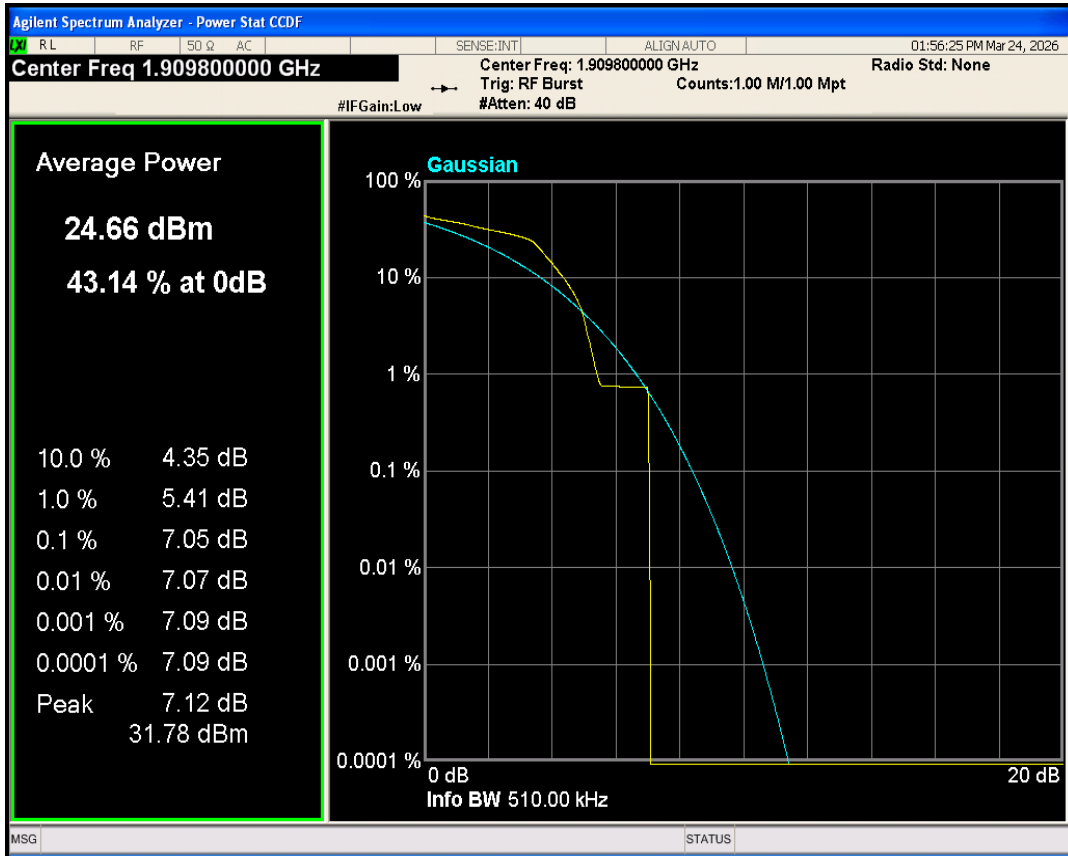
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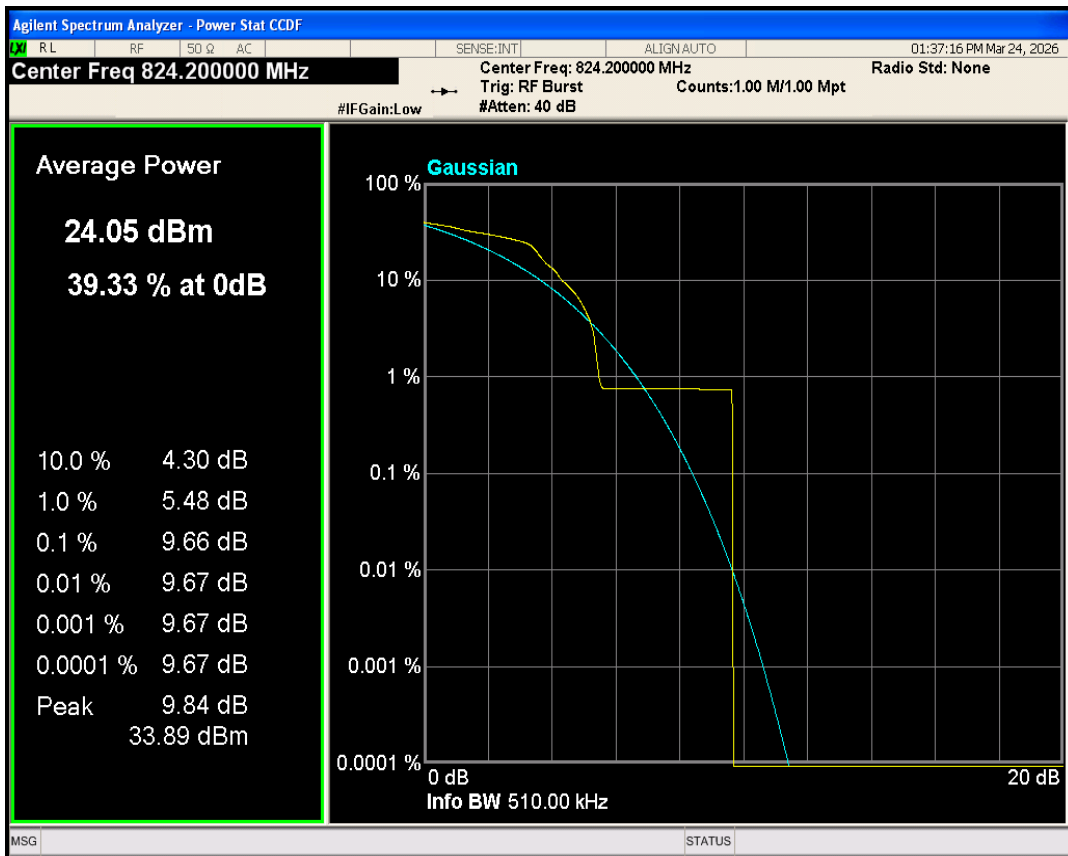
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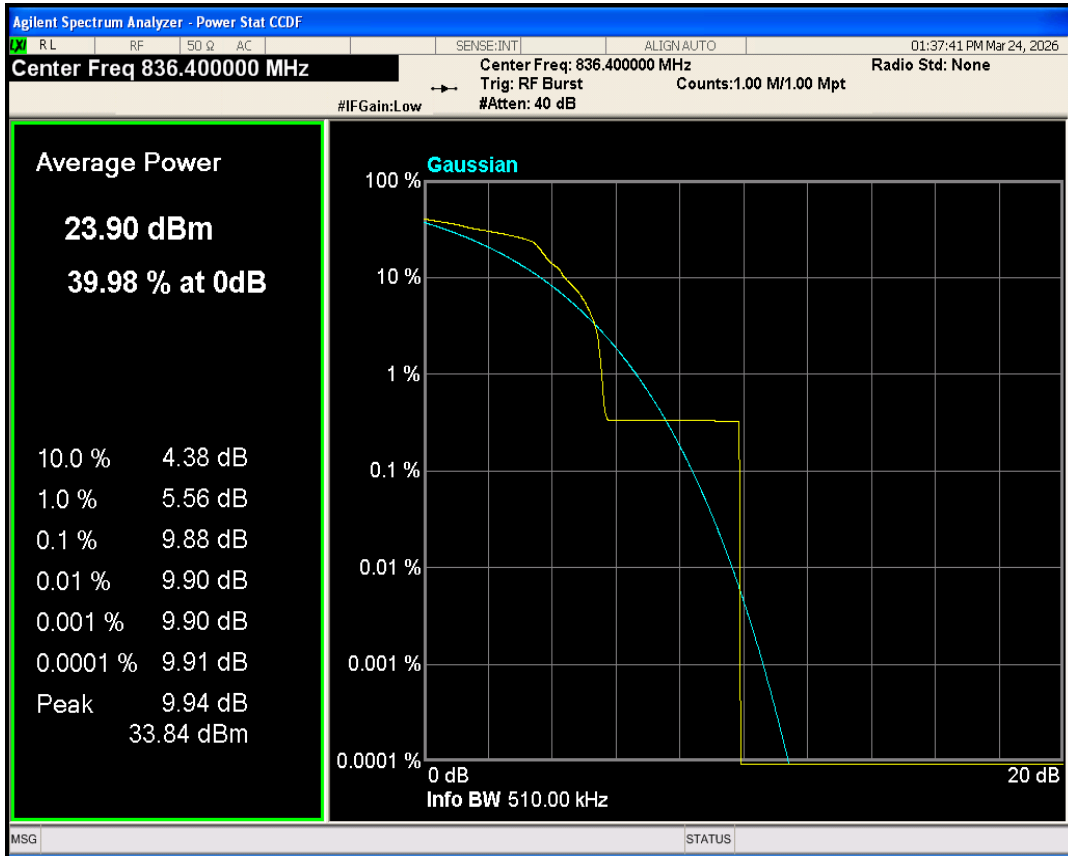
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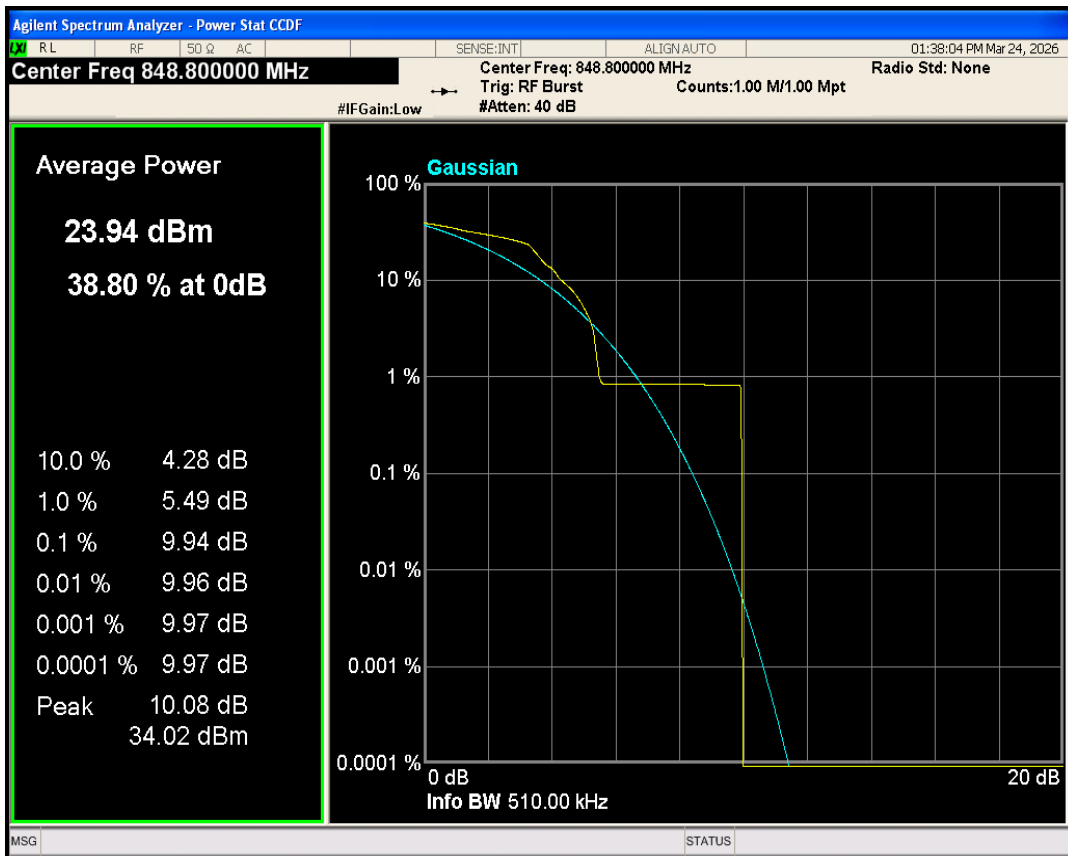
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EGPRS850 Channel=189



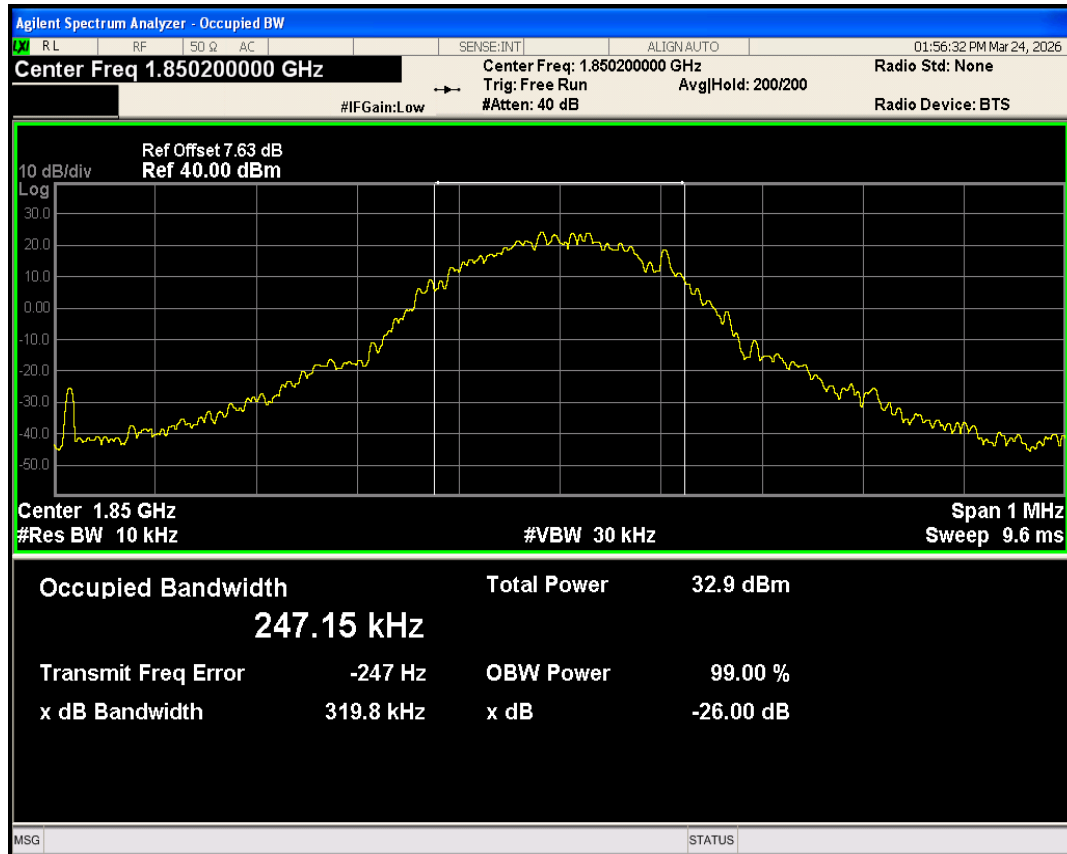
EGPRS850 Channel=251



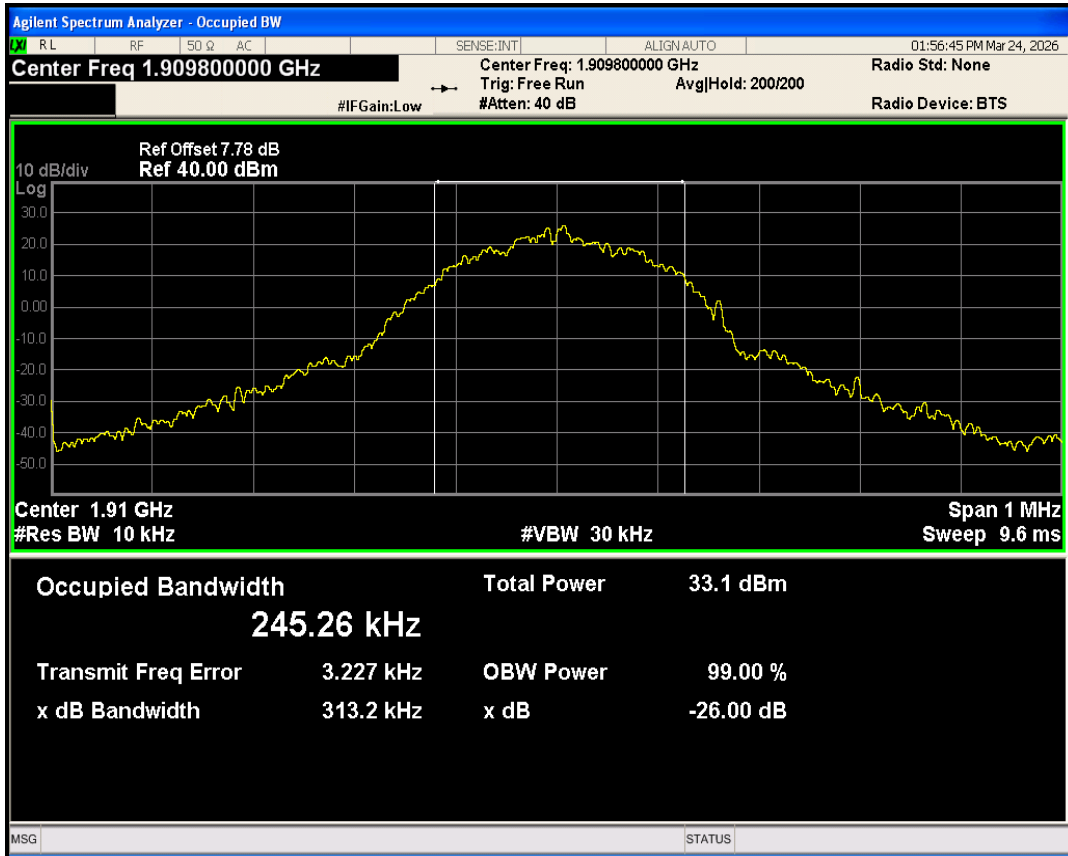
16 Occupied bandwidth

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 247.151       | 319.820         | PASS    |
| EGPRS1900 | 661     | 1880            | 248.082       | 319.483         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 245.257       | 313.247         | PASS    |
| EGPRS850  | 128     | 824.2           | 250.551       | 307.036         | PASS    |
| EGPRS850  | 189     | 836.4           | 240.117       | 303.953         | PASS    |
| EGPRS850  | 251     | 848.8           | 232.850       | 285.172         | PASS    |

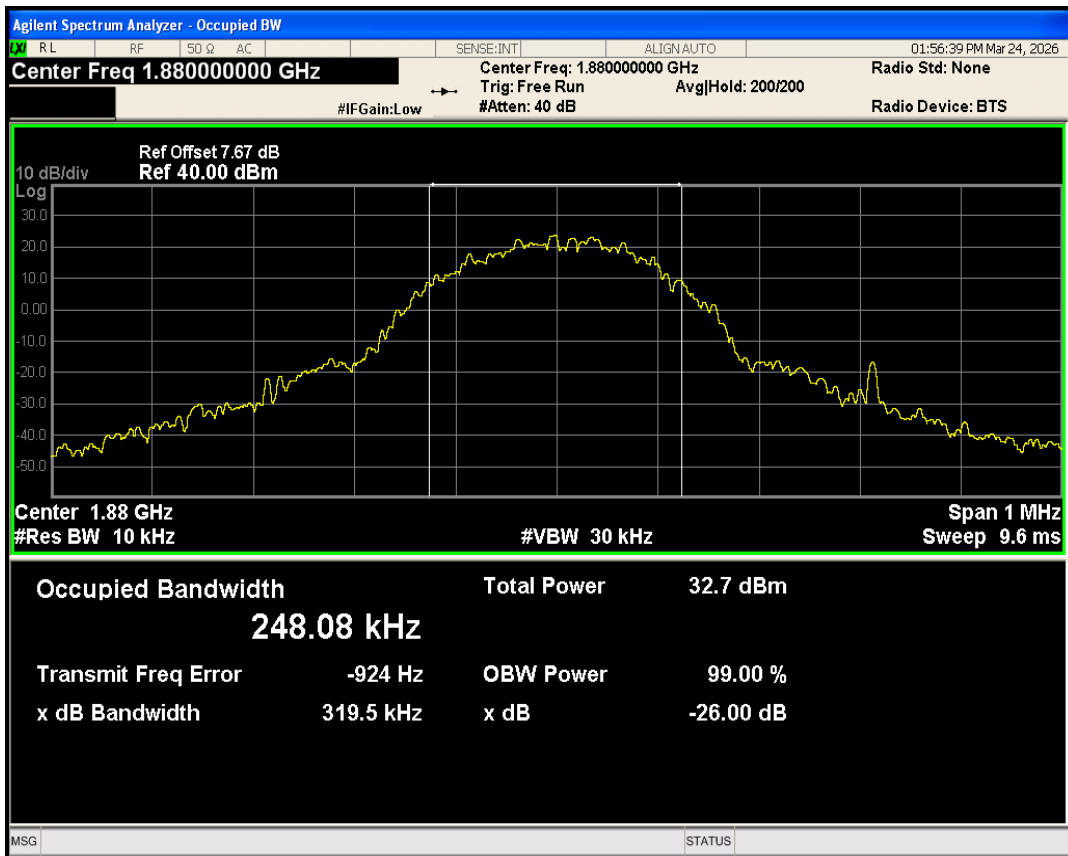
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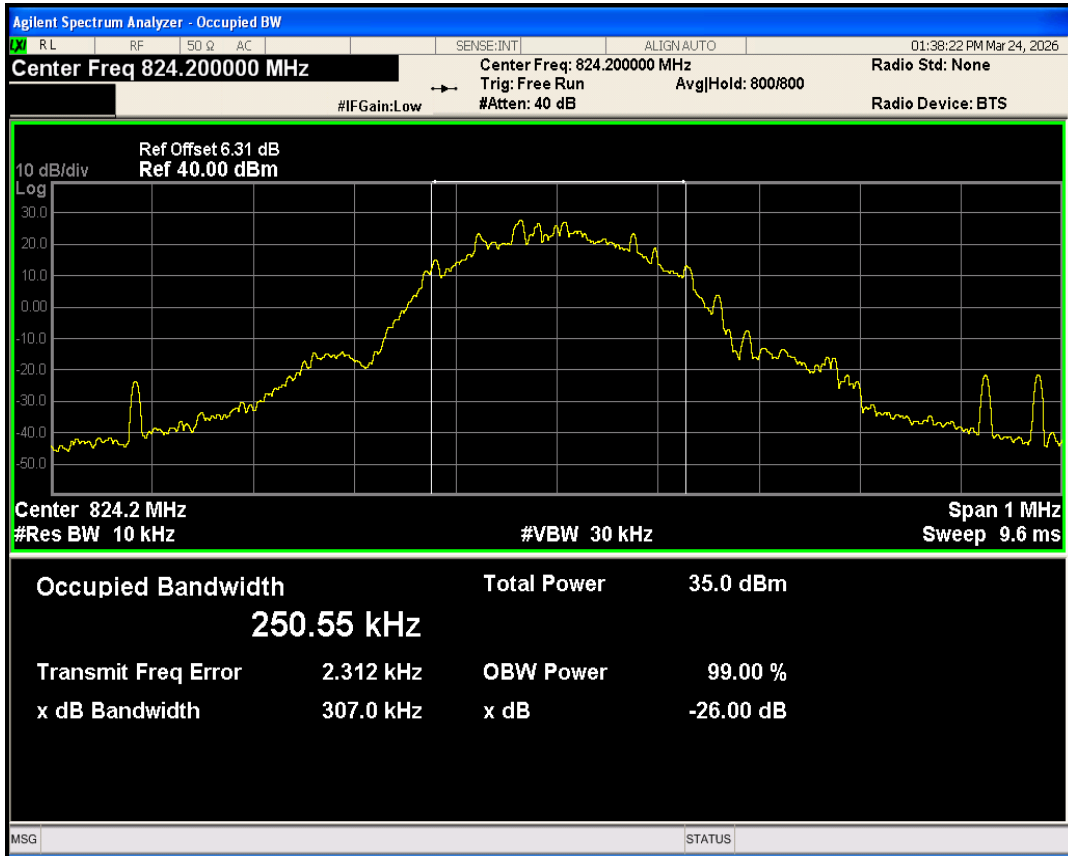
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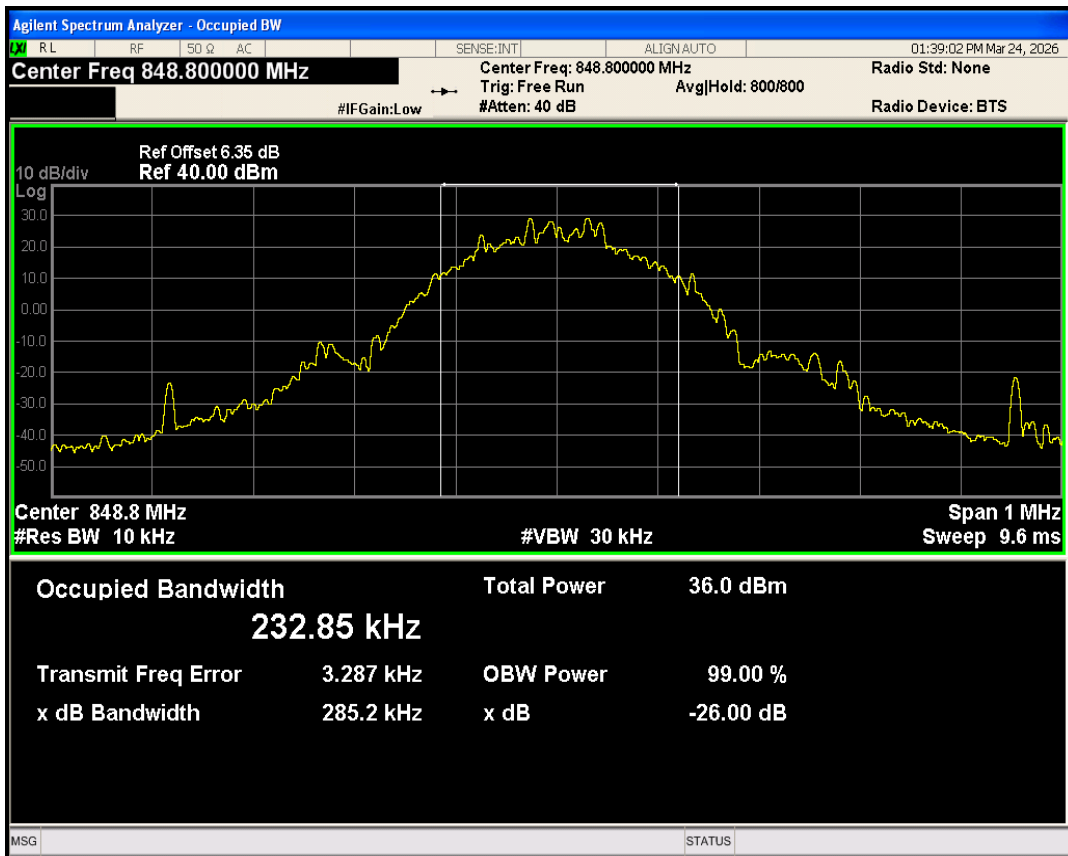
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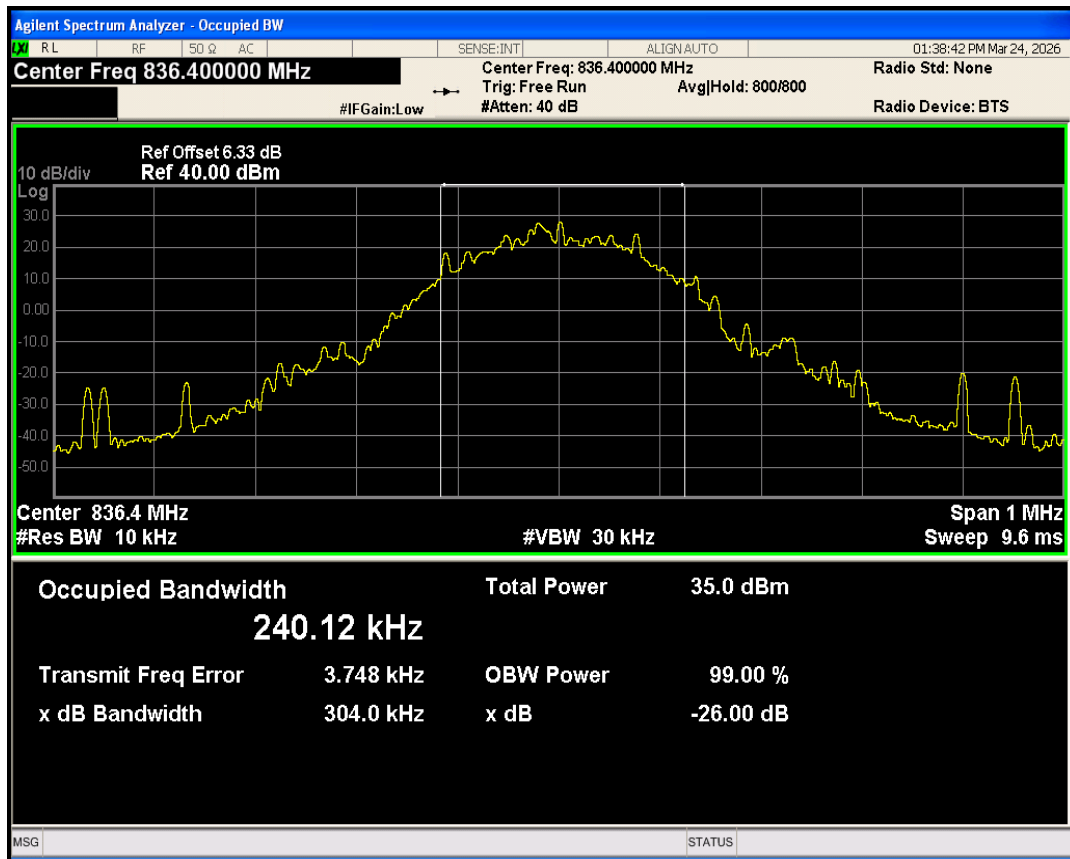
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EGPRS850 Channel=251



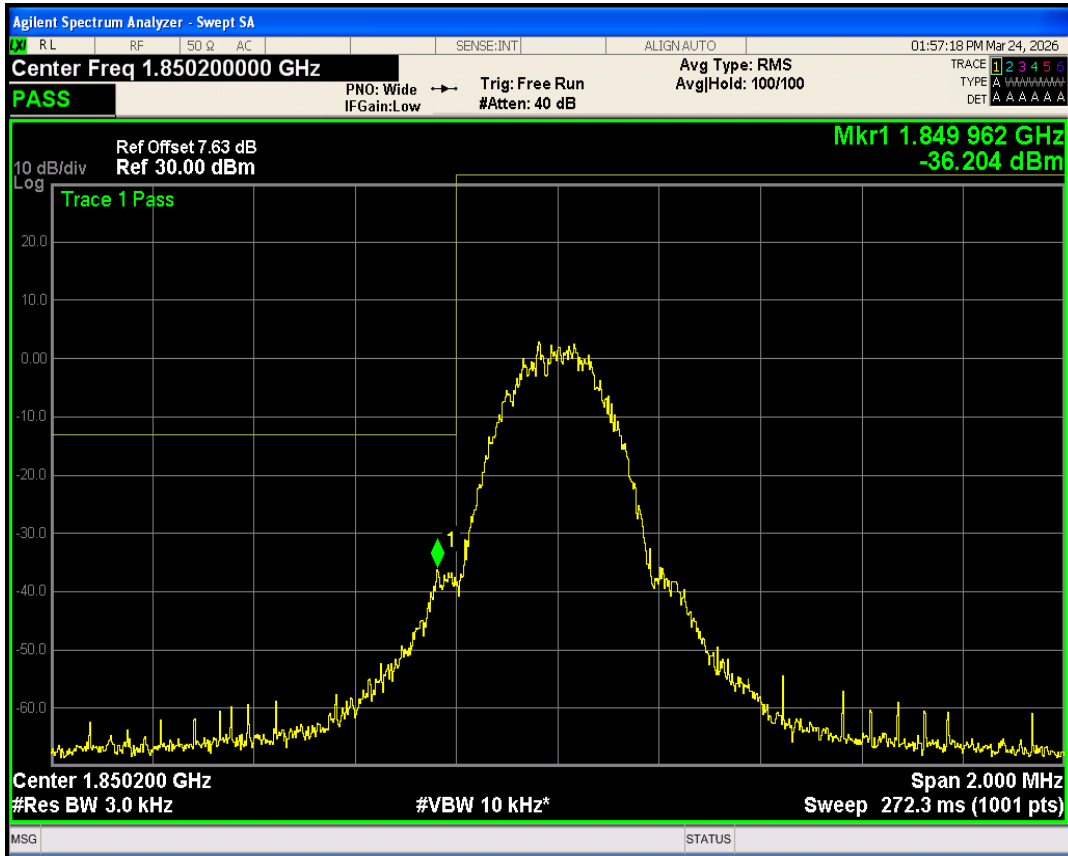
EGPRS850 Channel=189



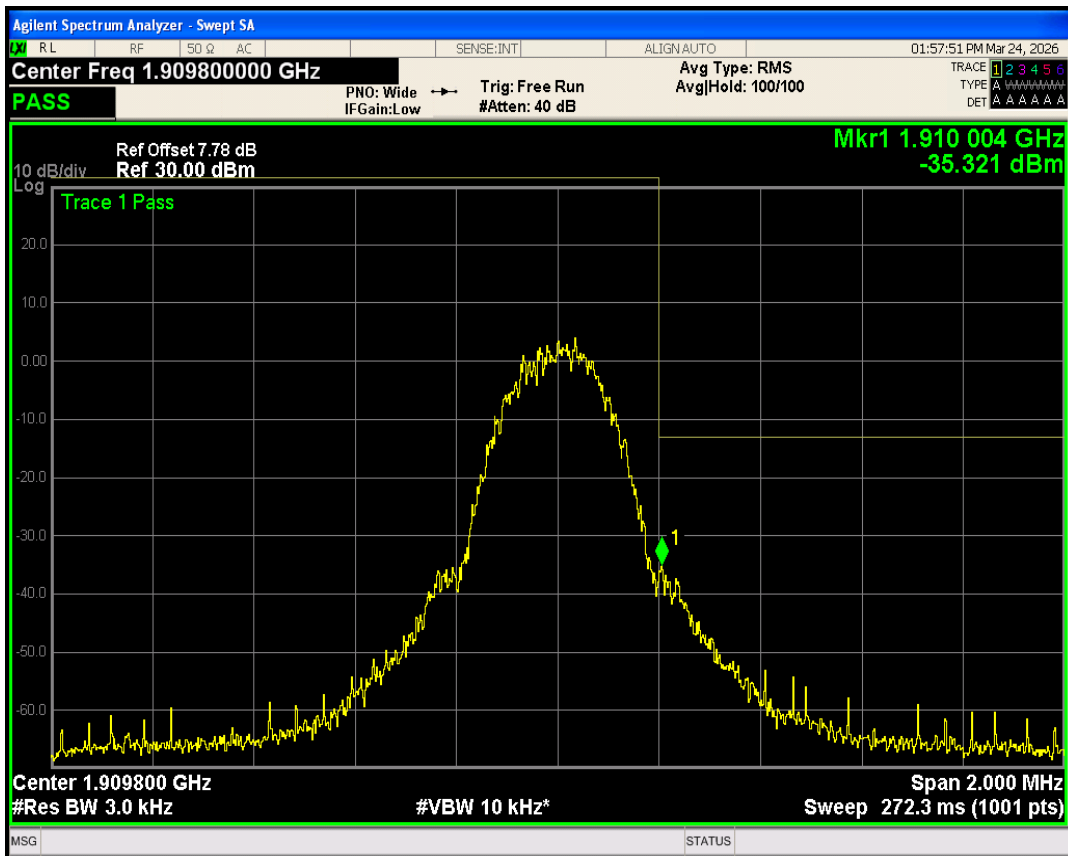
## 17 Band edge

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1849.96         | -36.20           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.00         | -35.32           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.97          | -34.74           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.01          | -34.67           | -13         | PASS    |

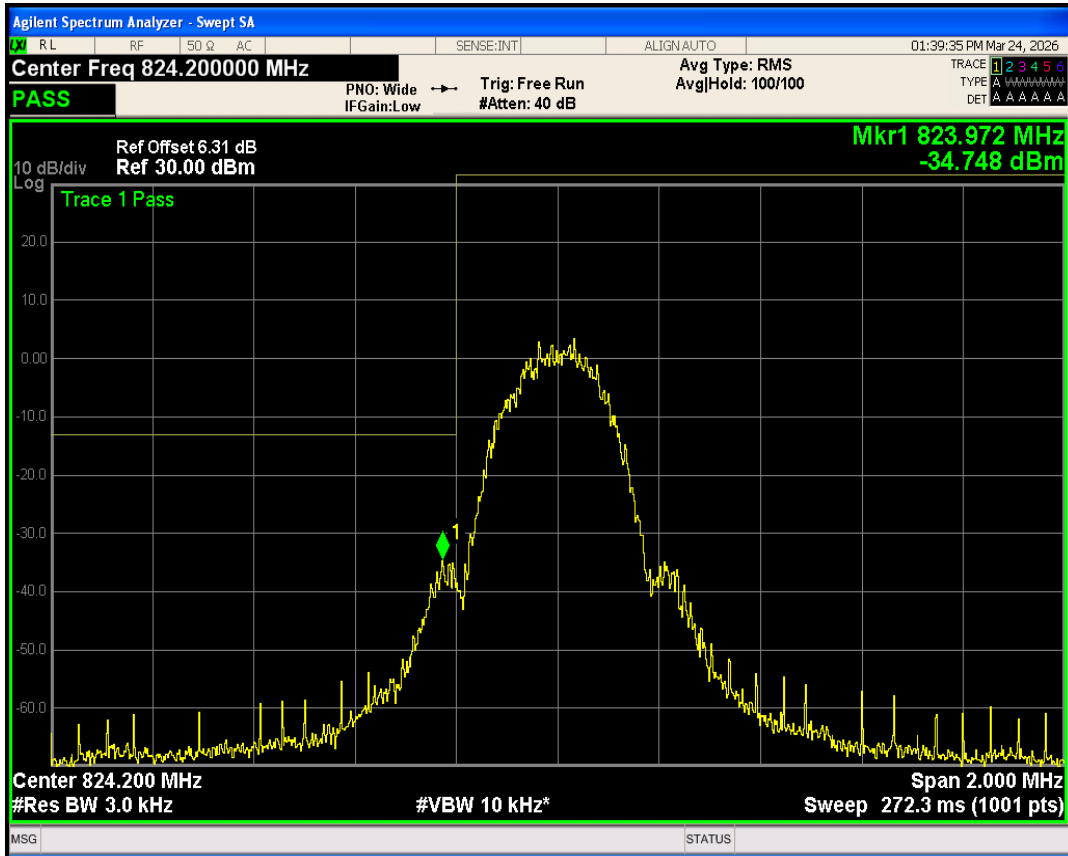
EGPRS1900 Channel=512



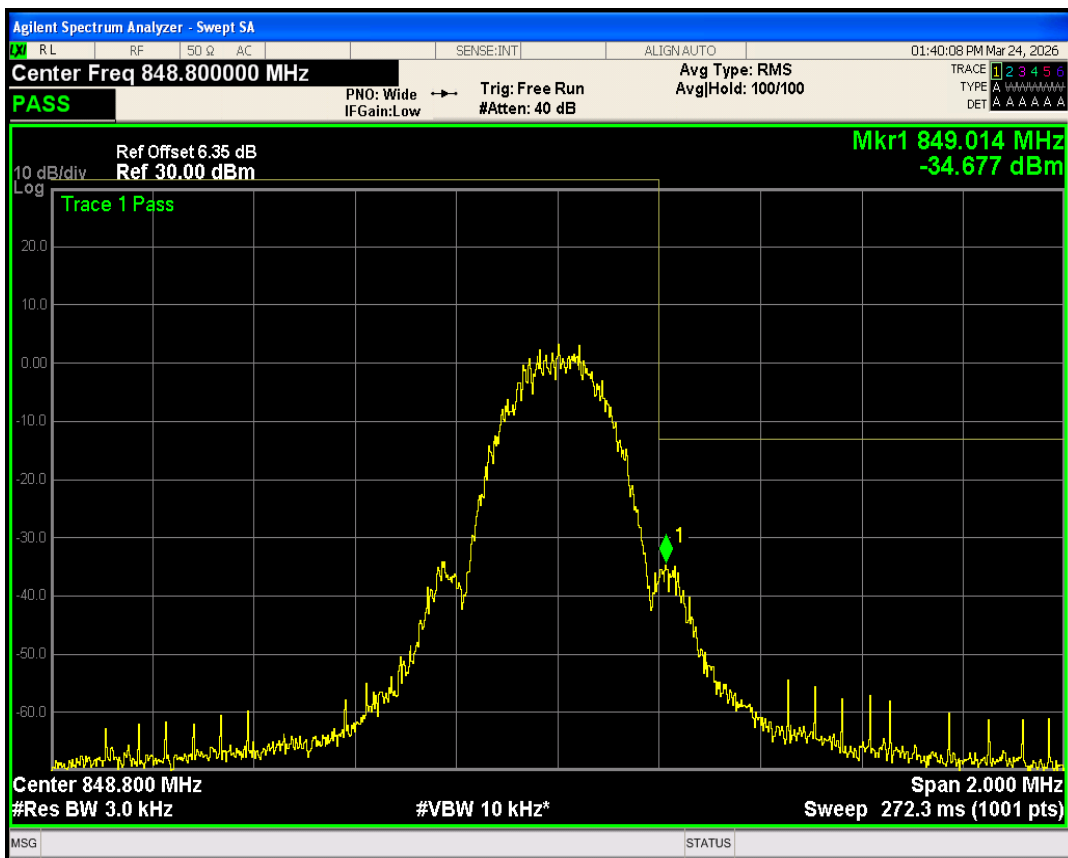
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EGPRS850 Channel=128



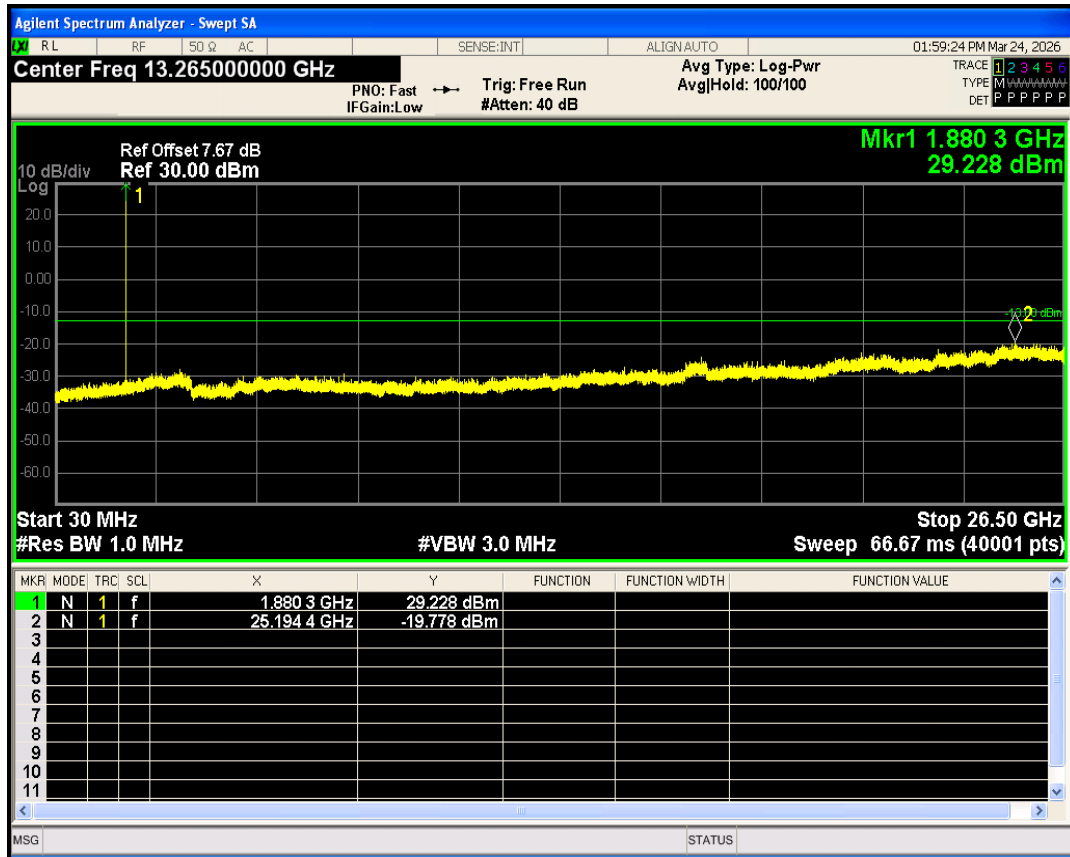
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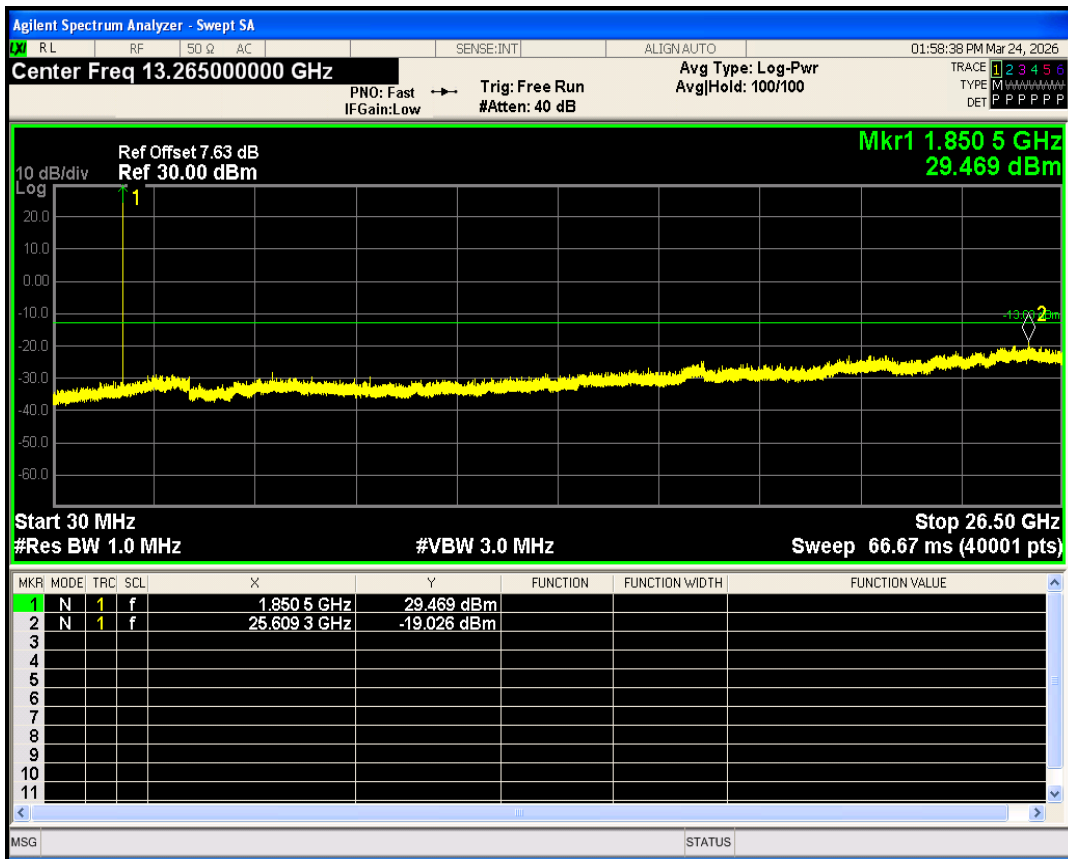
18 Out-of-band emissions

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 25609.28        | -19.02           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 25194.37        | -19.77           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 25214.88        | -19.36           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 25766.12        | -21.20           | -13         | PASS    |
| EGPRS850  | 189     | 836.4           | 26025.53        | -21.37           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 25244.00        | -20.37           | -13         | PASS    |

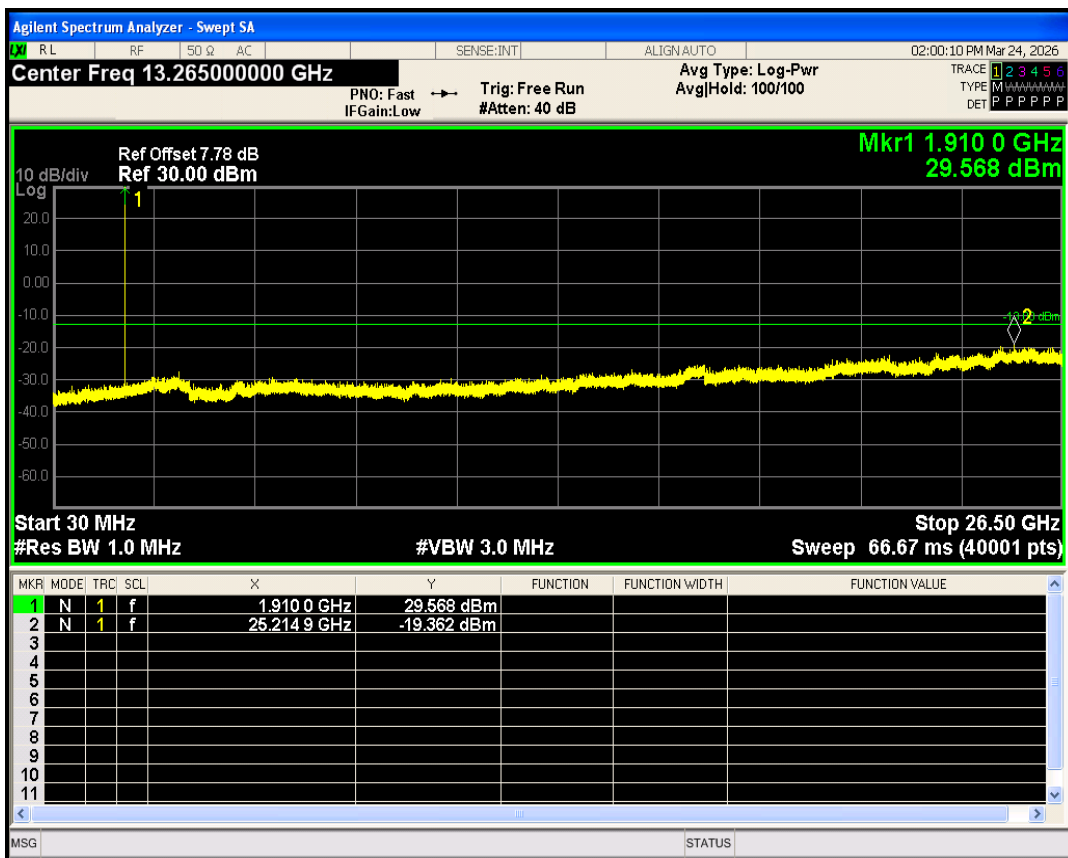
EGPRS1900 Channel=661



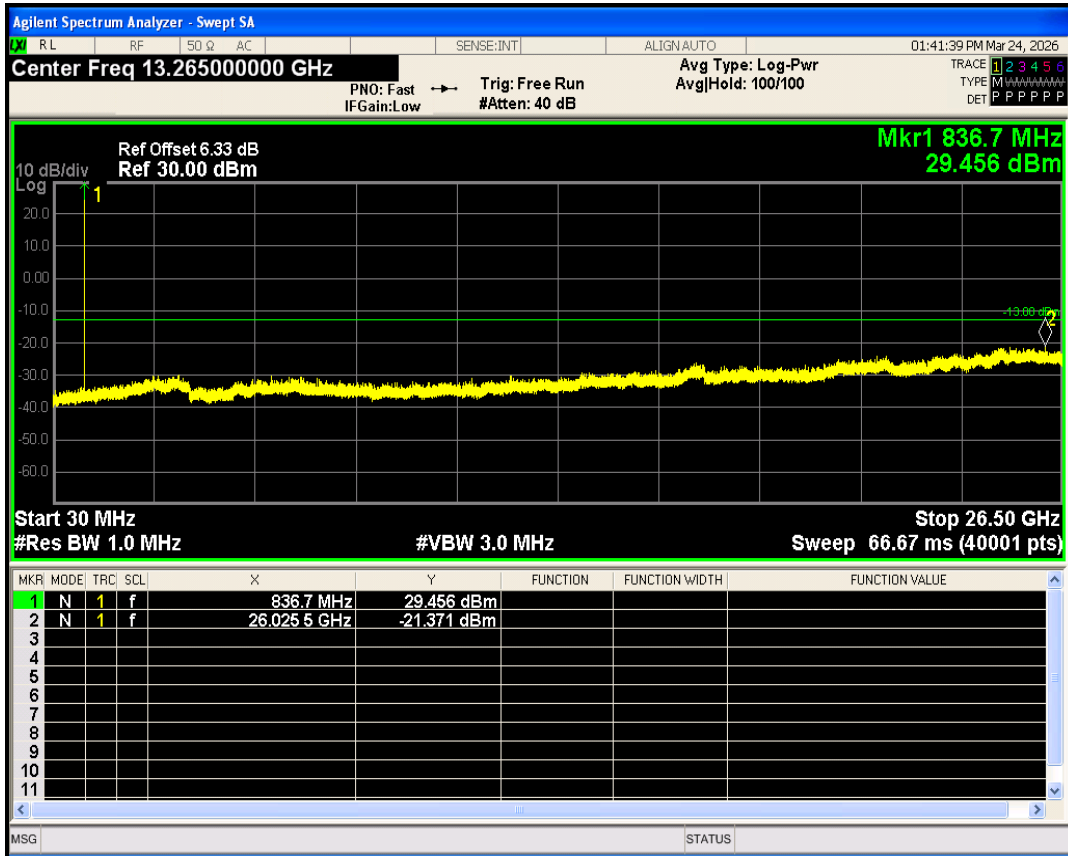
EGPRS1900 Channel=512



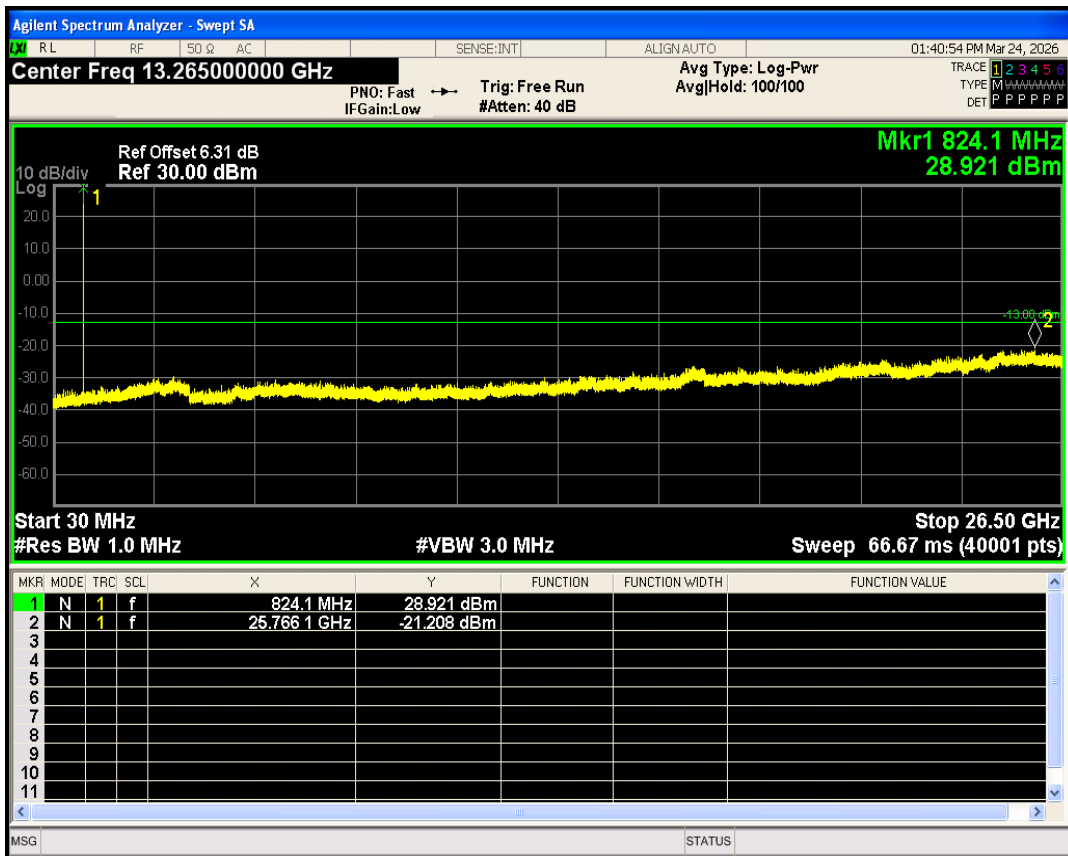
EGPRS1900 Channel=810



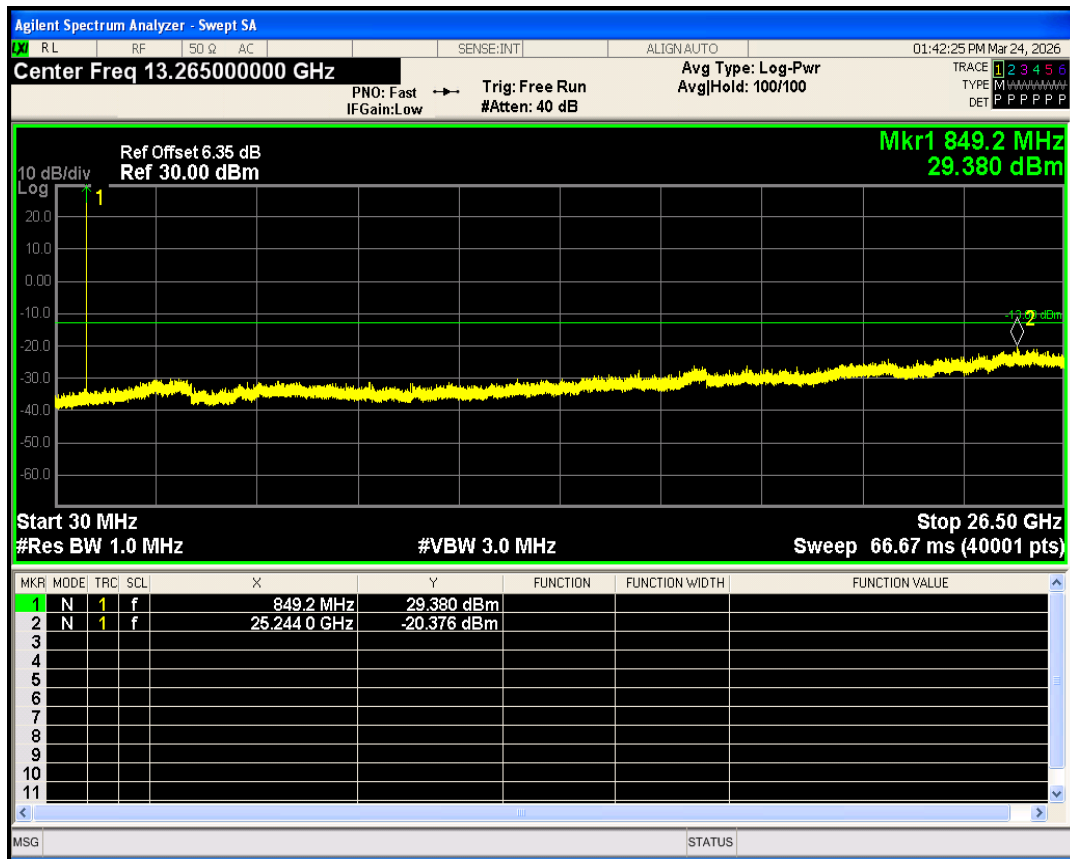
EGPRS850 Channel=189



EGPRS850 Channel=128



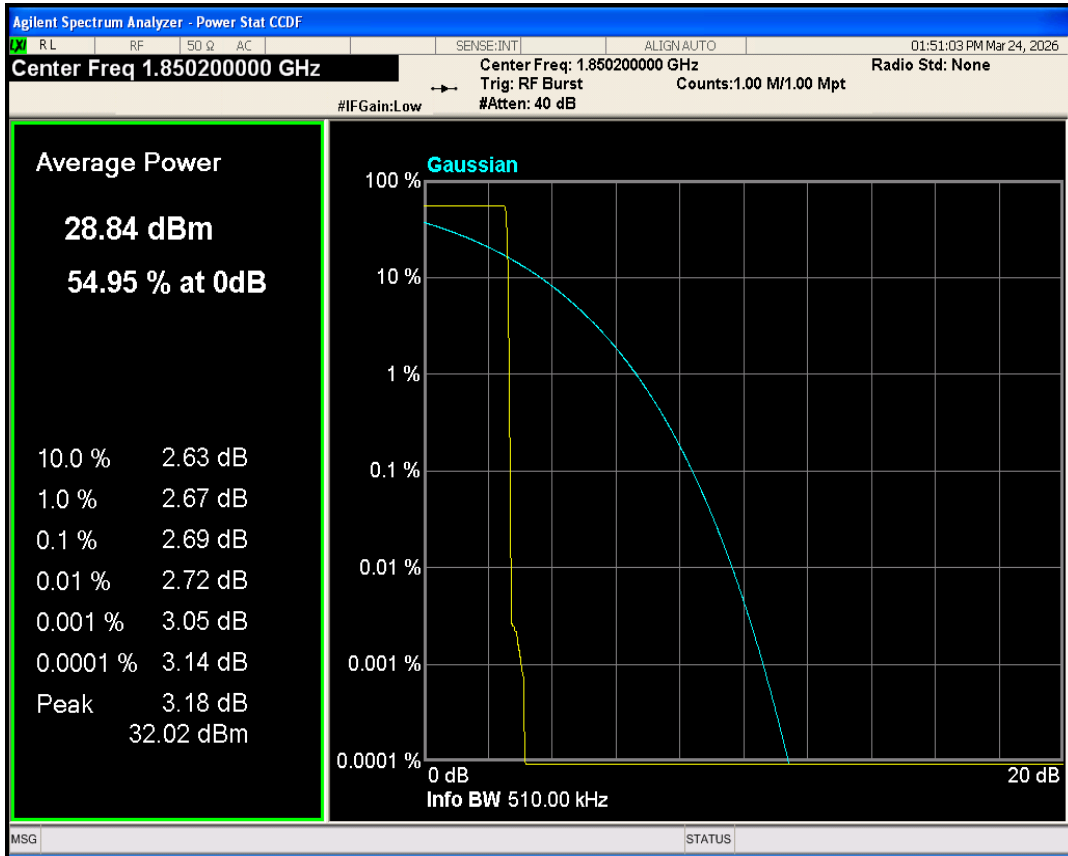
EGPRS850 Channel=251



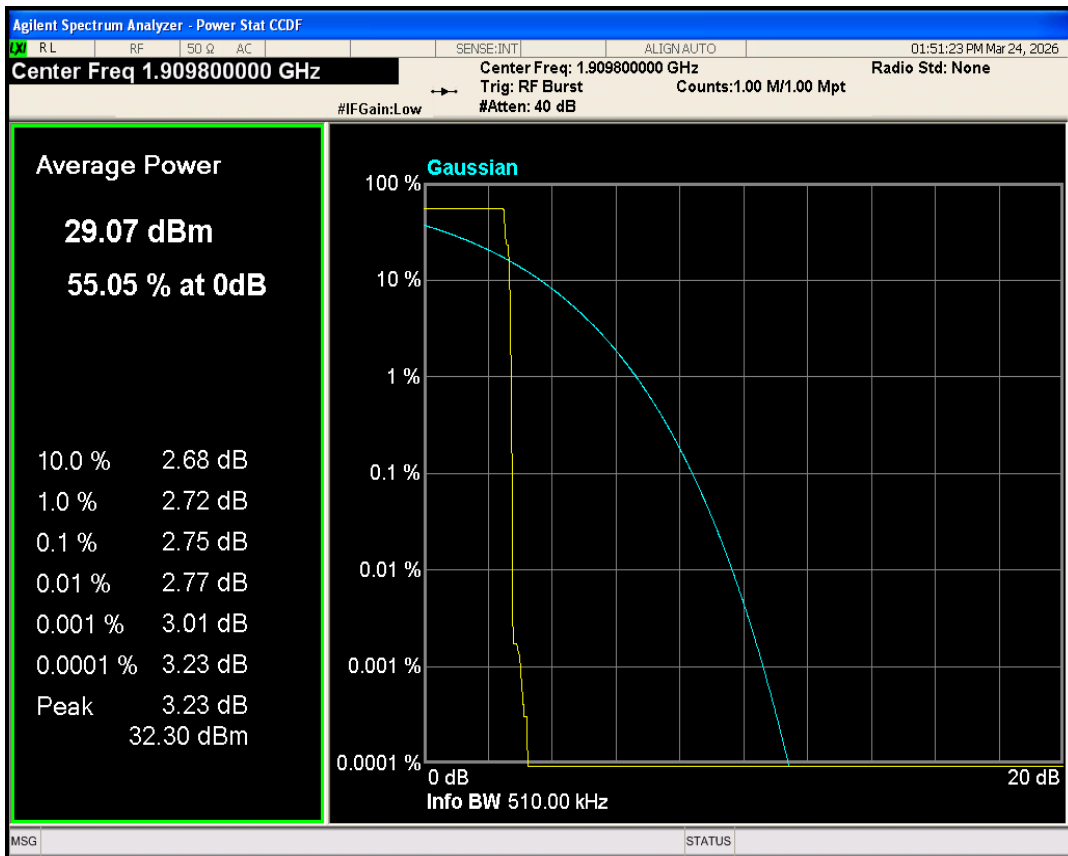
### 09 Peak-to-Average Ratio

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.69        | 13              | PASS    |
| GPRS1900 | 661     | 1880            | 2.77        | 13              | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.75        | 13              | PASS    |
| GPRS850  | 128     | 824.2           | 2.64        | 13              | PASS    |
| GPRS850  | 189     | 836.4           | 2.65        | 13              | PASS    |
| GPRS850  | 251     | 848.8           | 2.64        | 13              | PASS    |

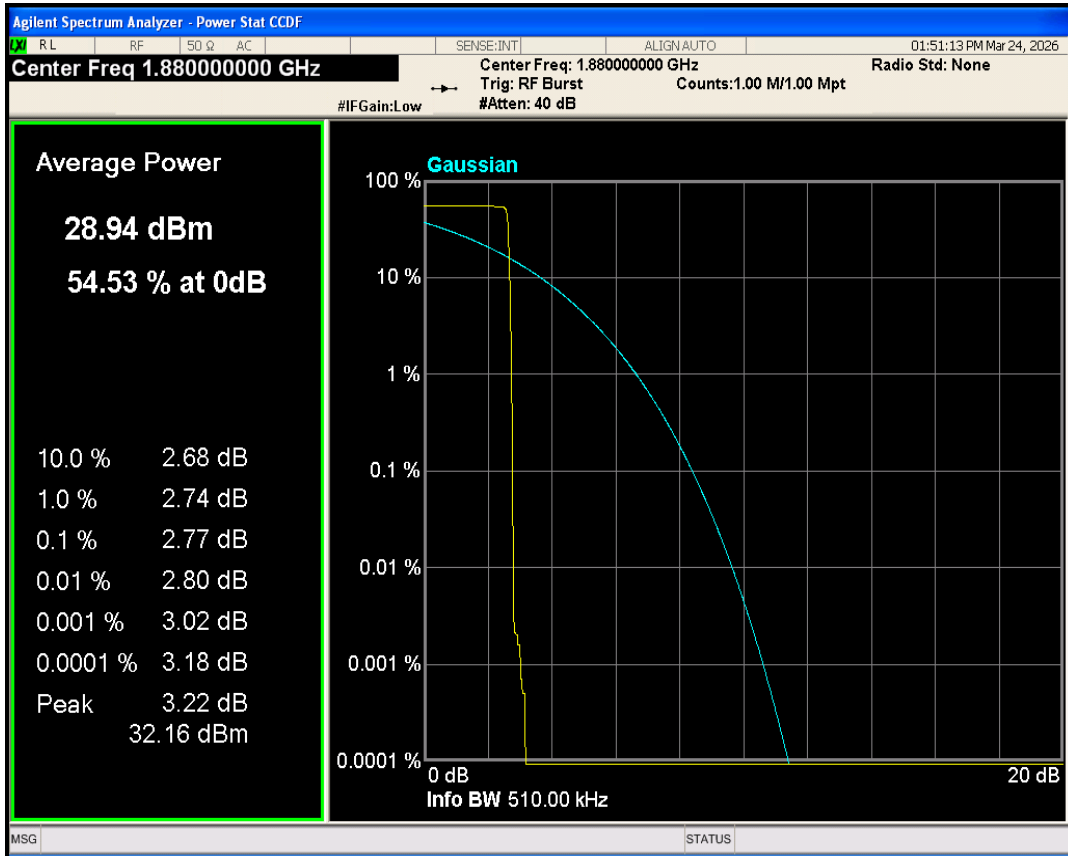
GPRS1900 Channel=512



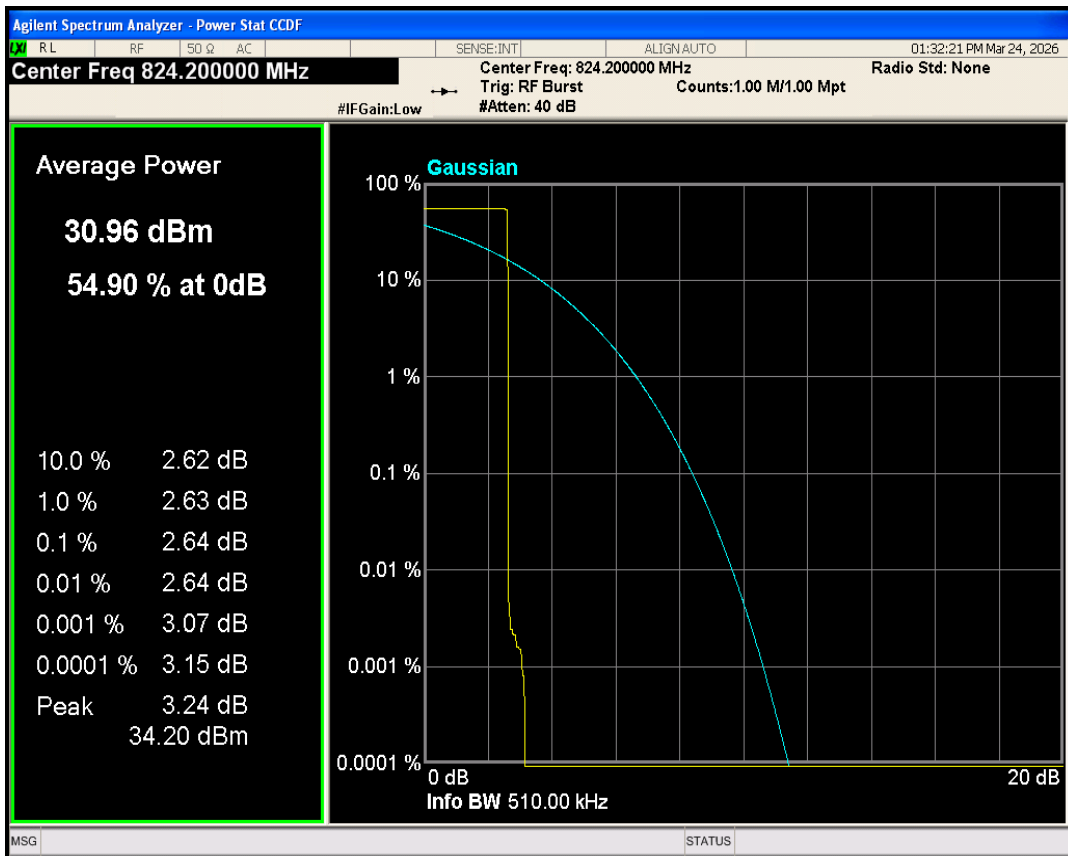
GPRS1900 Channel=810



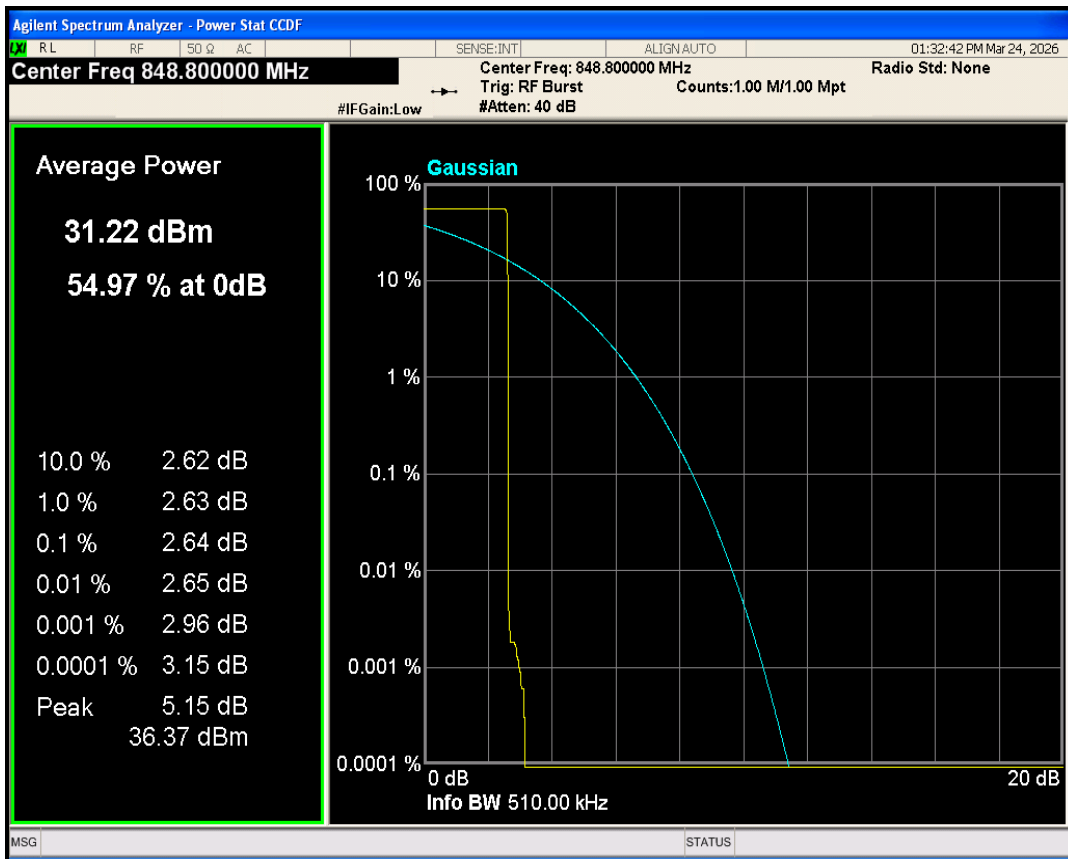
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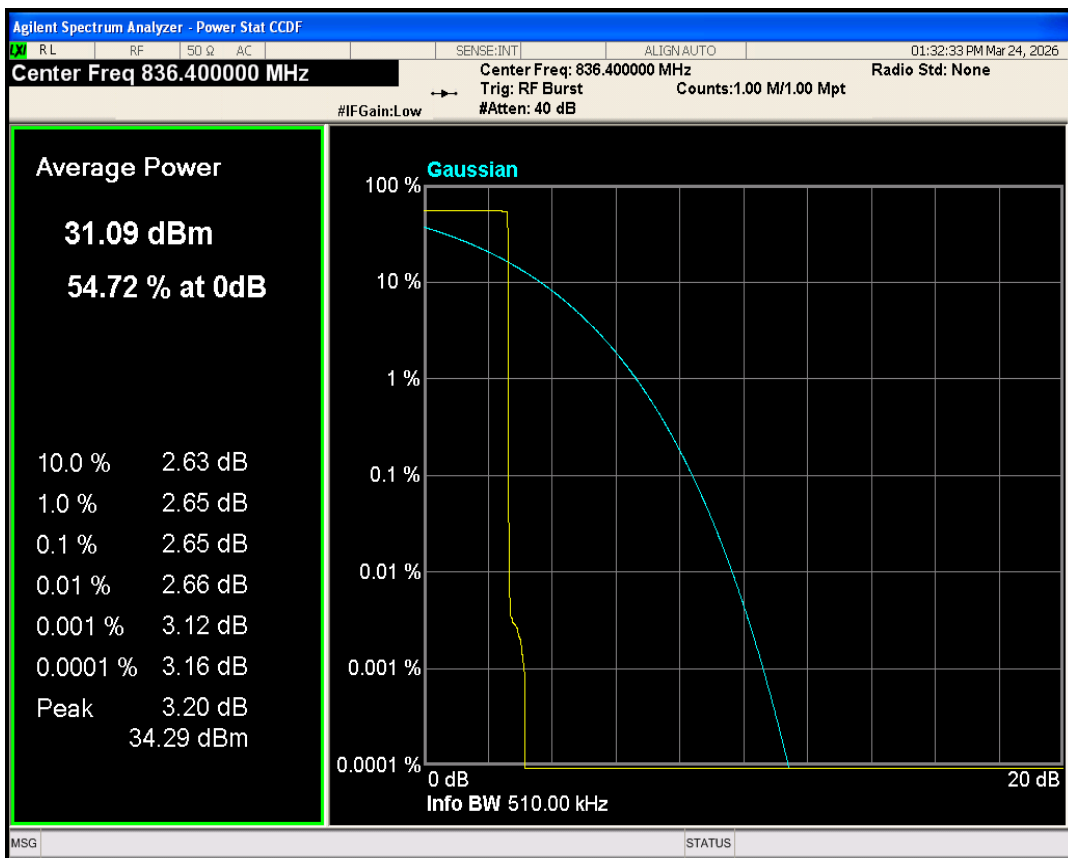
GPRS850 Channel=128



GPRS850 Channel=251



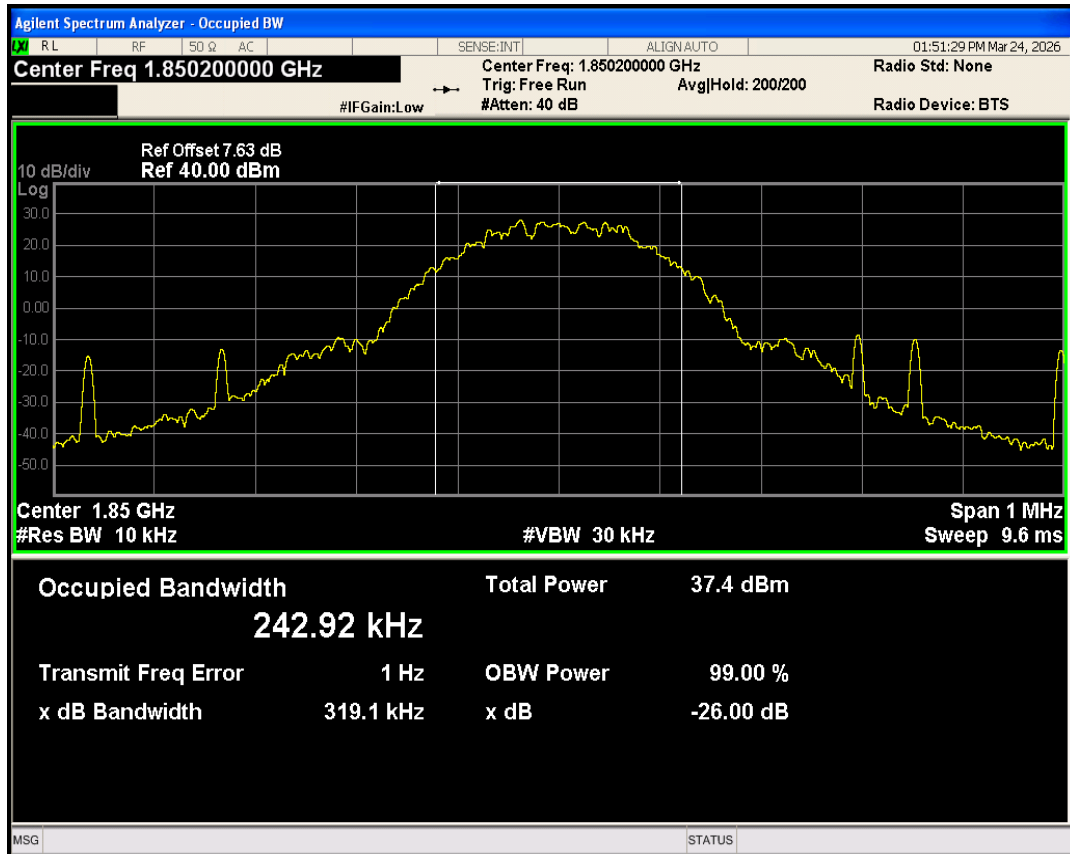
GPRS850 Channel=189



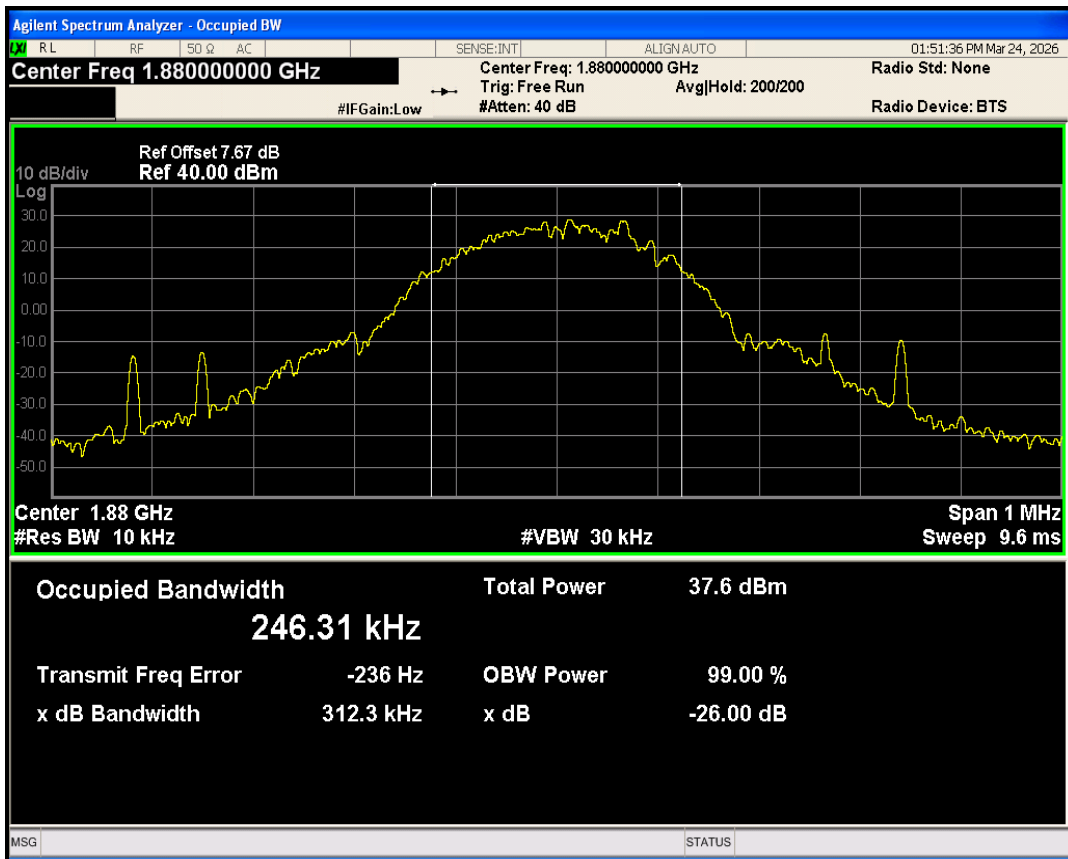
10 Occupied bandwidth

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 242.919       | 319.082         | PASS    |
| GPRS1900 | 661     | 1880            | 246.306       | 312.311         | PASS    |
| GPRS1900 | 810     | 1909.8          | 244.092       | 312.492         | PASS    |
| GPRS850  | 128     | 824.2           | 244.897       | 323.396         | PASS    |
| GPRS850  | 189     | 836.4           | 246.753       | 314.968         | PASS    |
| GPRS850  | 251     | 848.8           | 248.596       | 318.725         | PASS    |

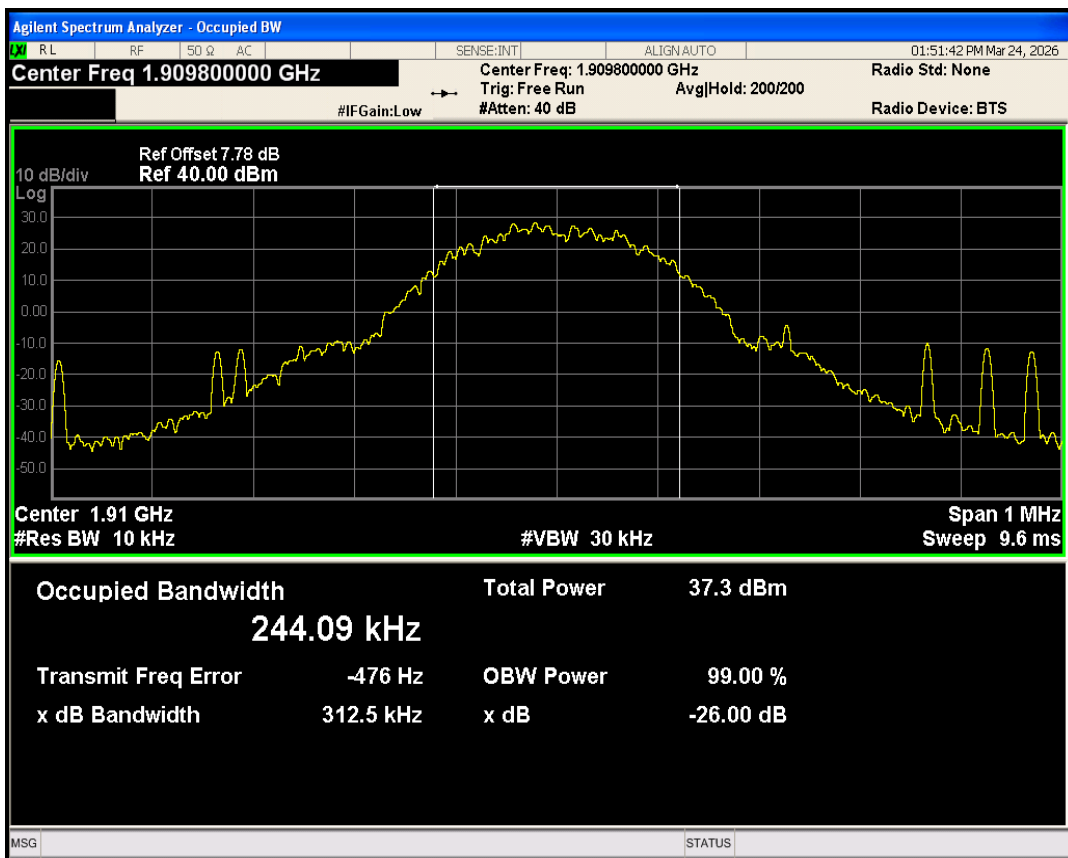
GPRS1900 Channel=512



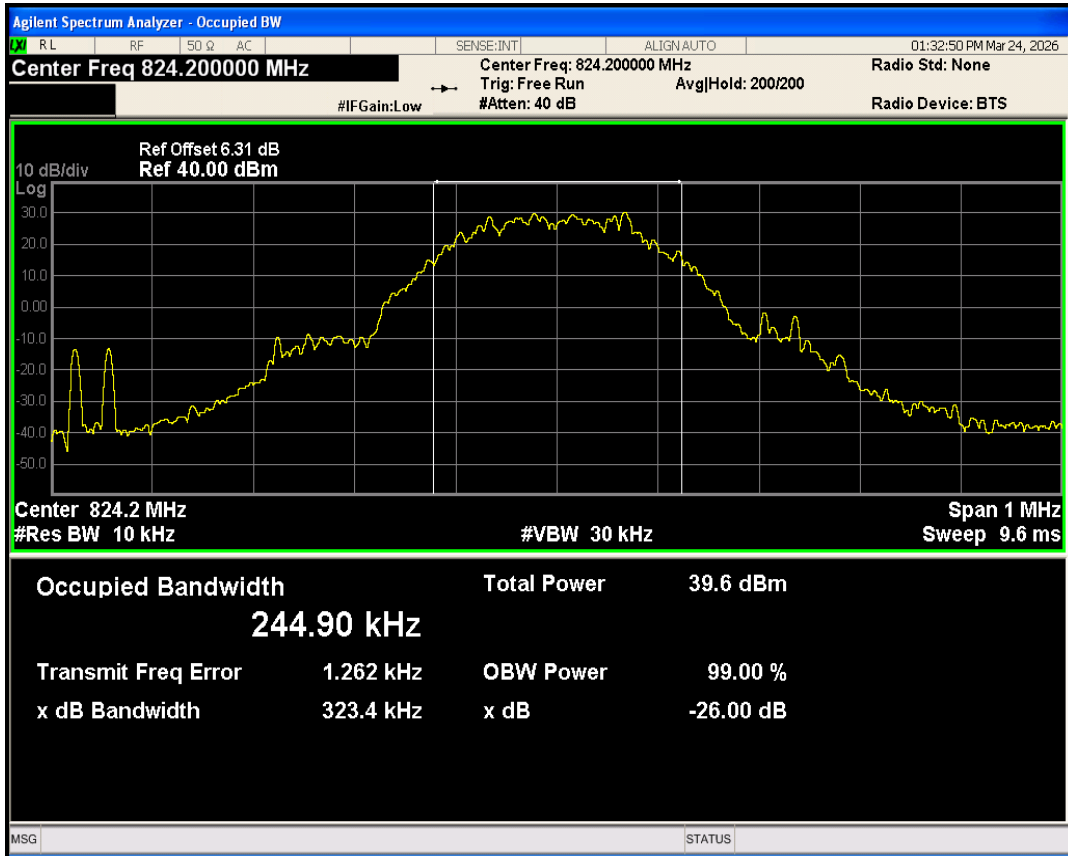
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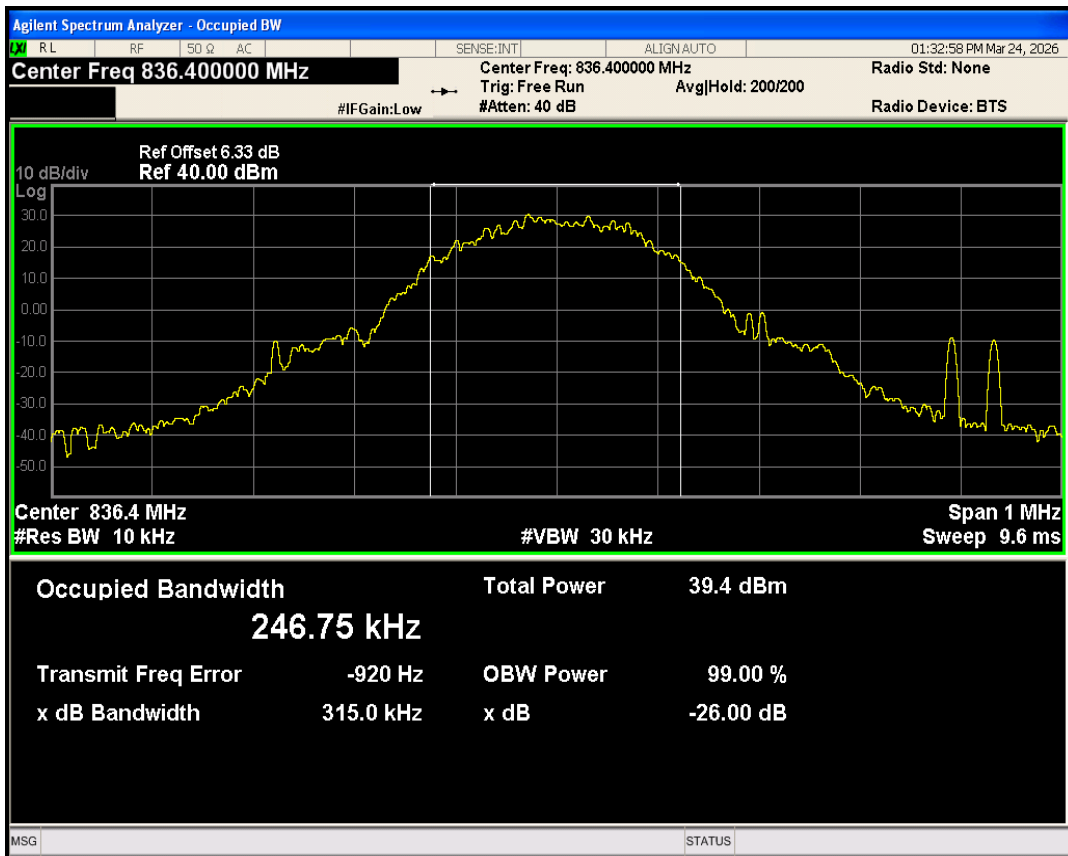
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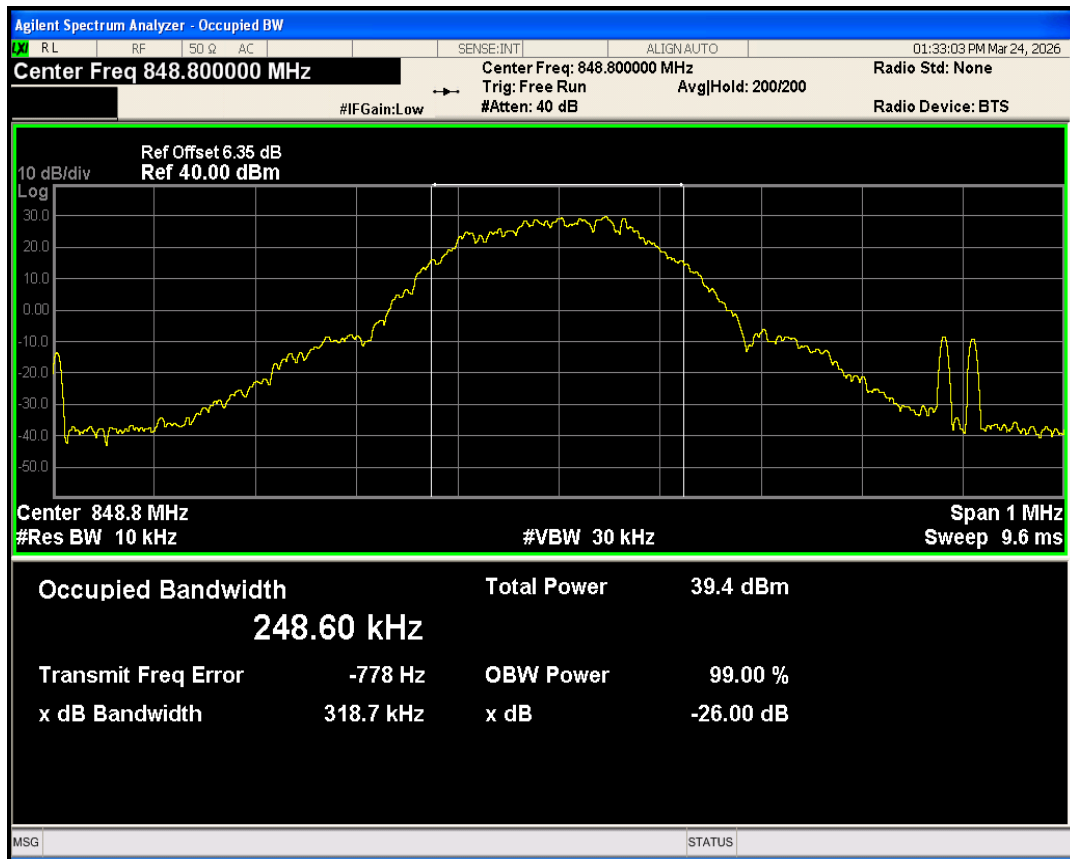
GPRS850 Channel=128



GPRS850 Channel=189



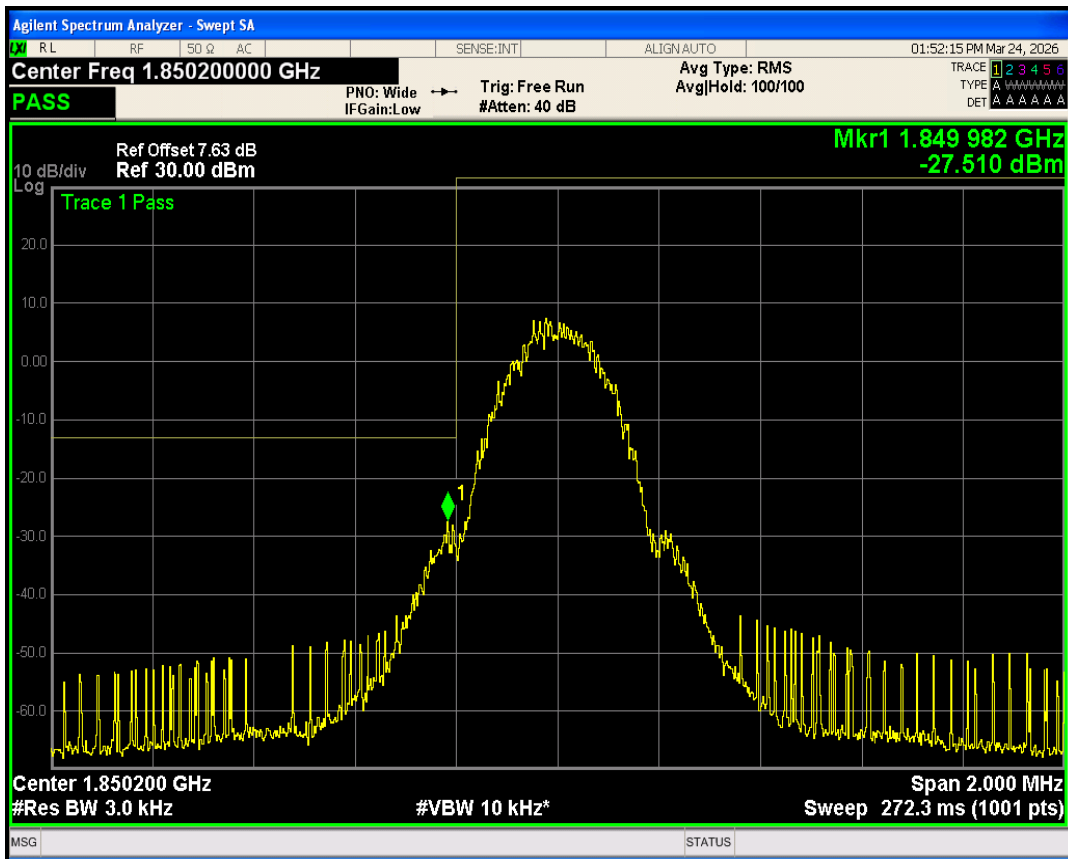
GPRS850 Channel=251



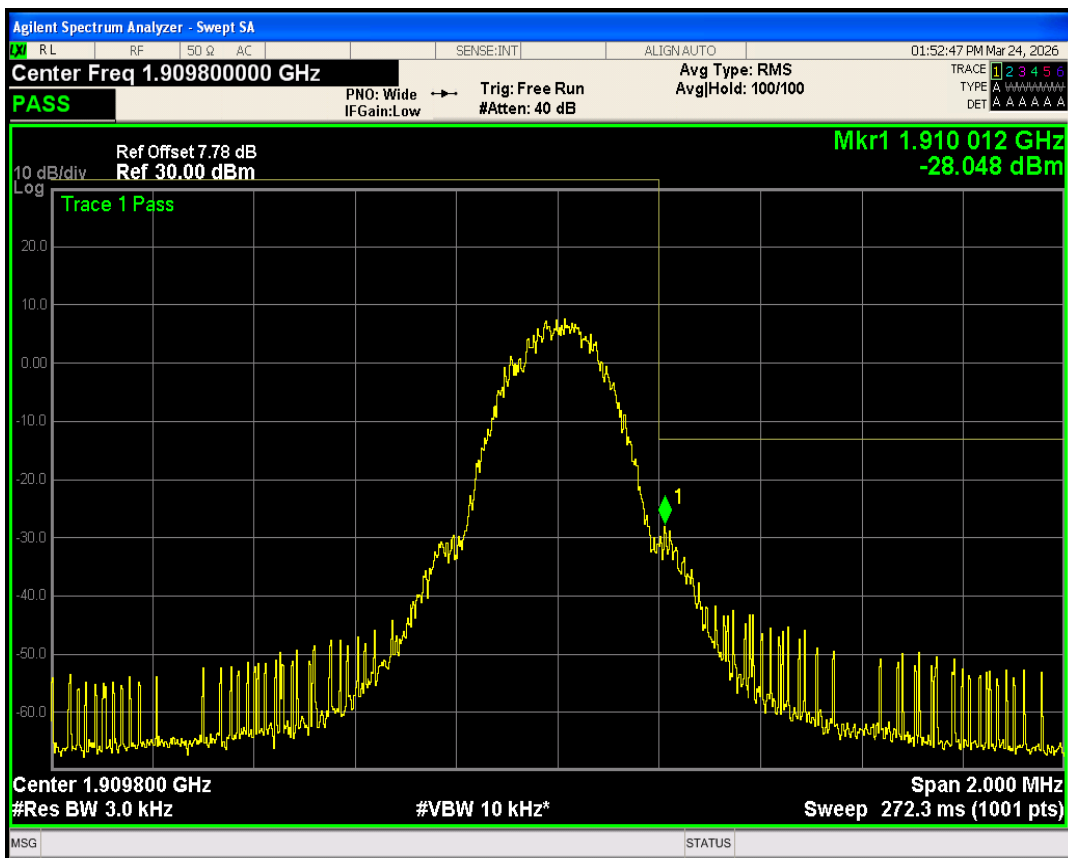
## 11 Band edge

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1849.98         | -27.50           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.01         | -28.04           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 823.98          | -26.09           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.02          | -26.49           | -13         | PASS    |

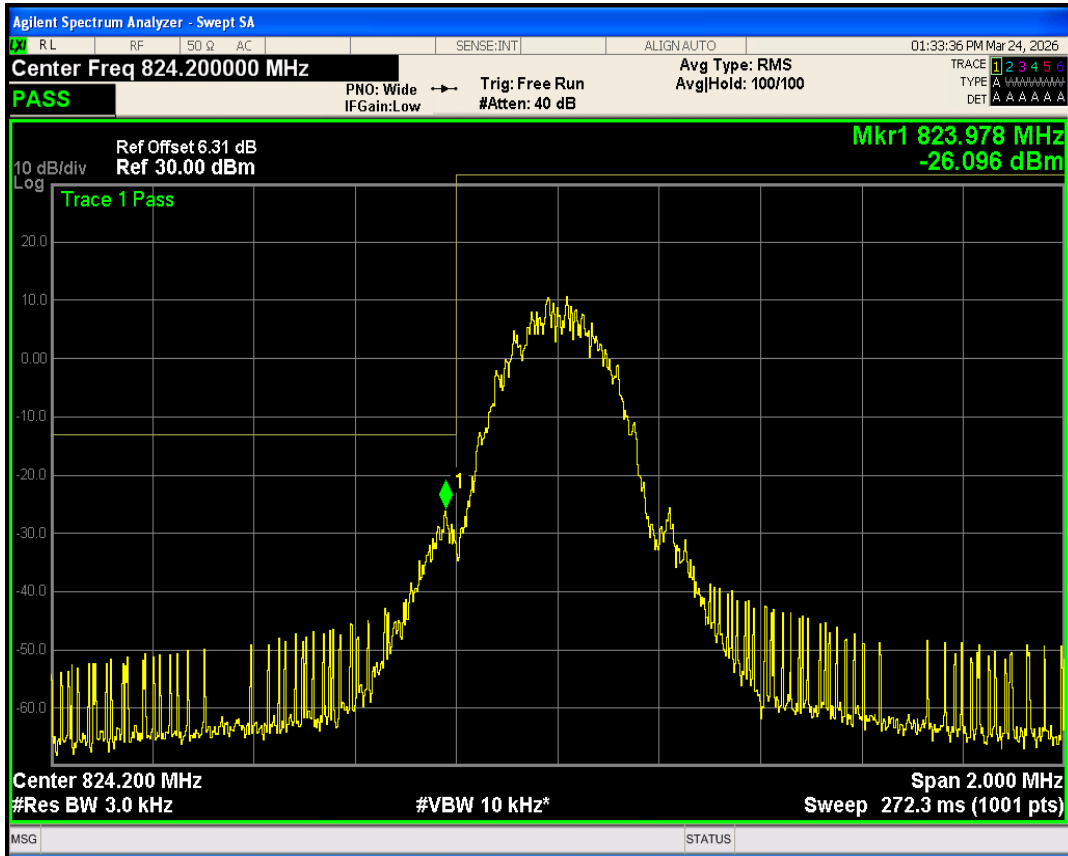
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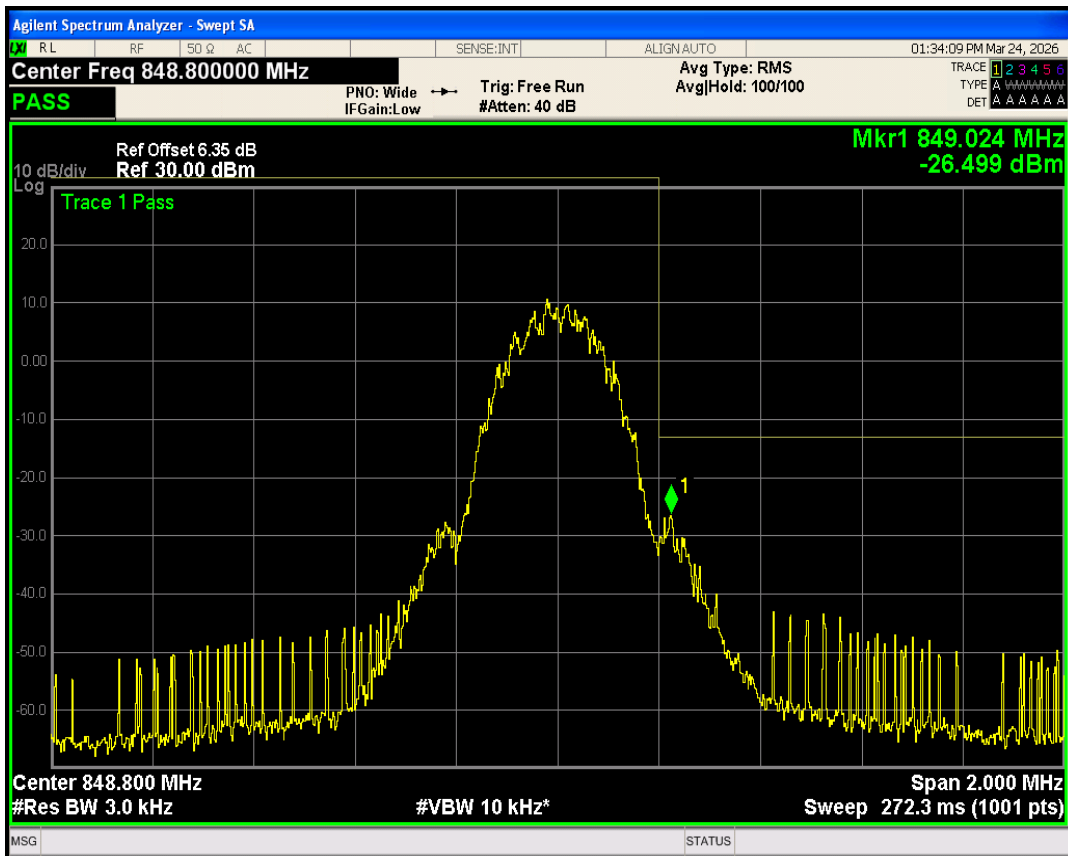
GPRS1900 Channel=810



GPRS850 Channel=128



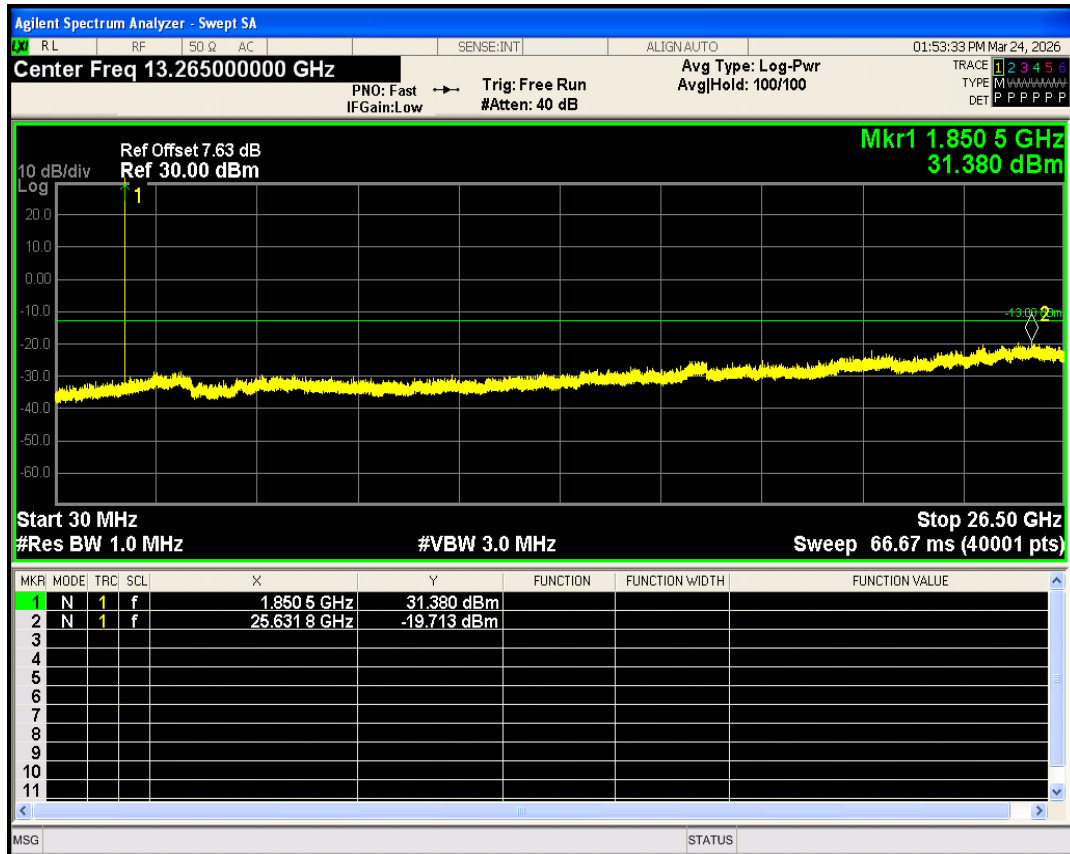
GPRS850 Channel=251



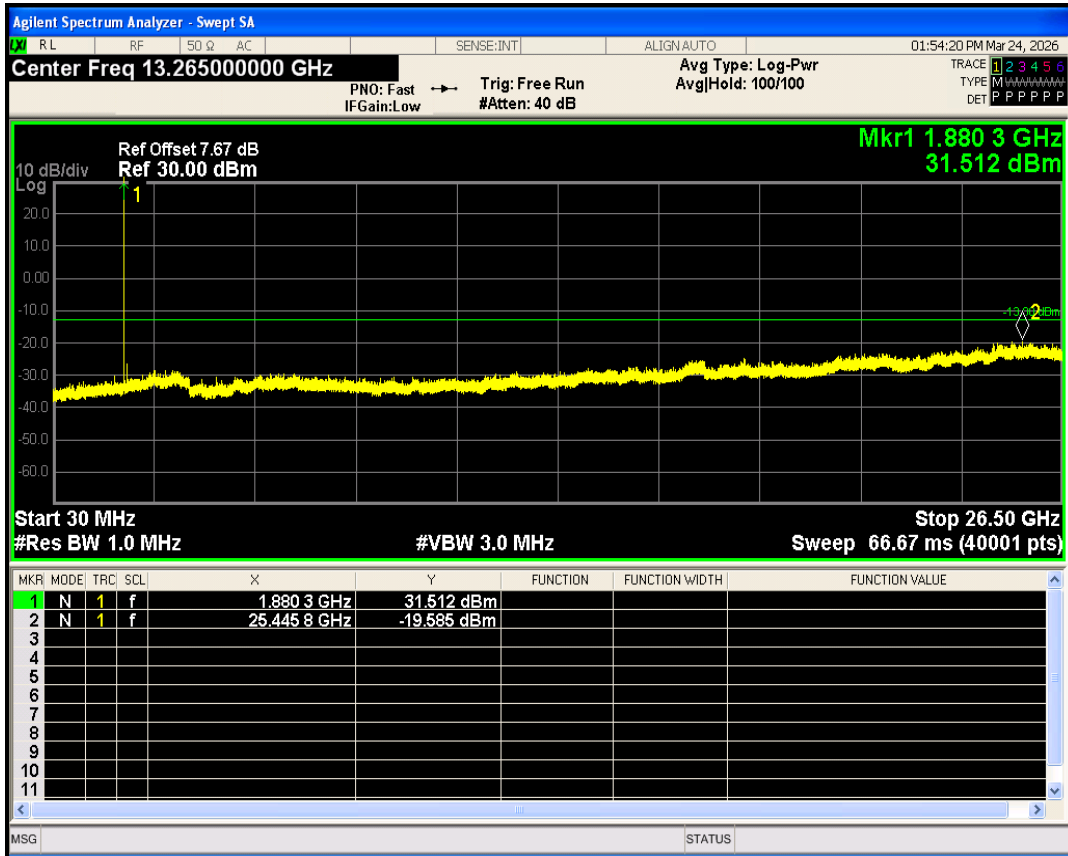
12 Out-of-band emissions

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 25631.78        | -19.71           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 25445.83        | -19.58           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 25174.51        | -18.84           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 24842.98        | -21.22           | -13         | PASS    |
| GPRS850  | 189     | 836.4           | 25711.19        | -21.57           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 25478.26        | -21.40           | -13         | PASS    |

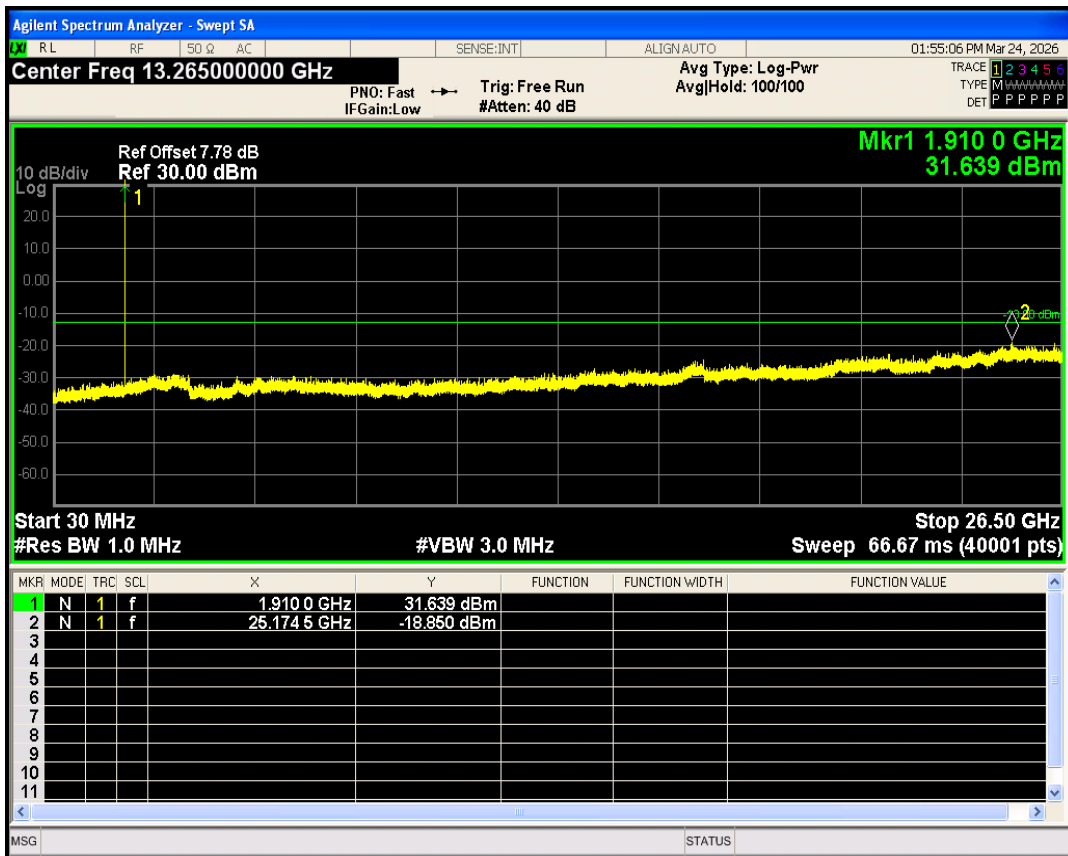
GPRS1900 Channel=512



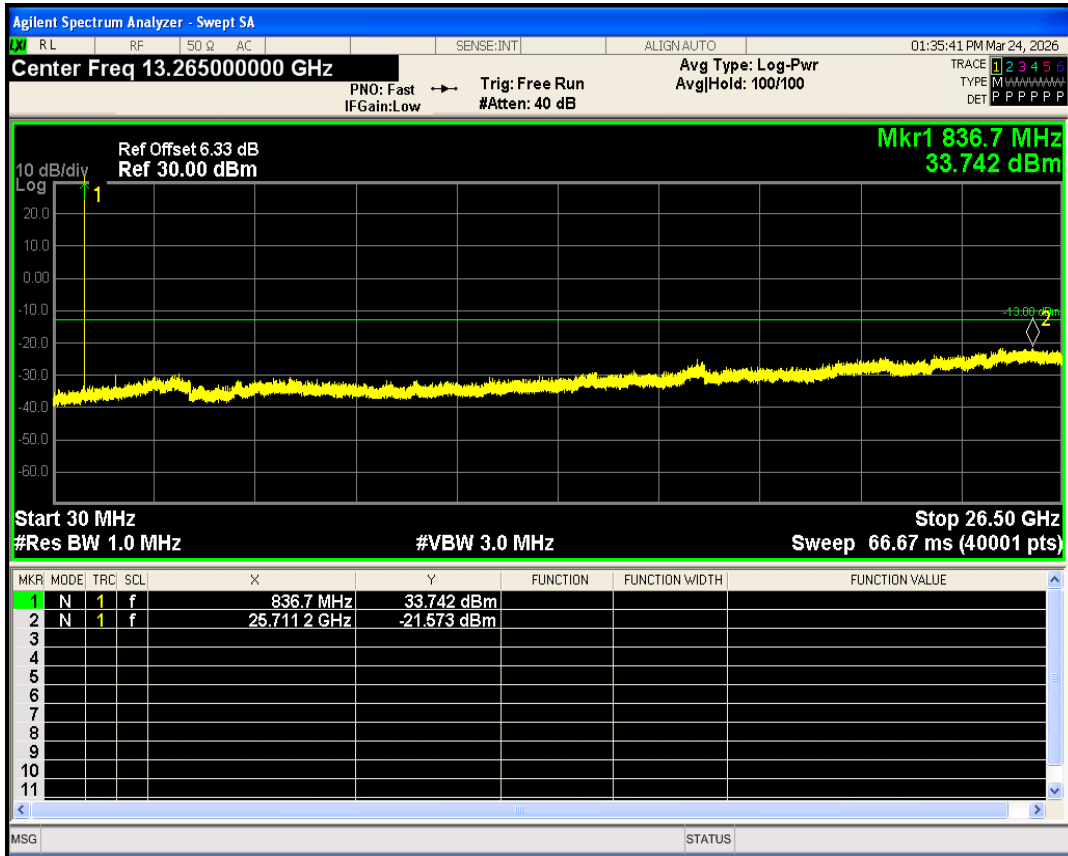
GPRS1900 Channel=661



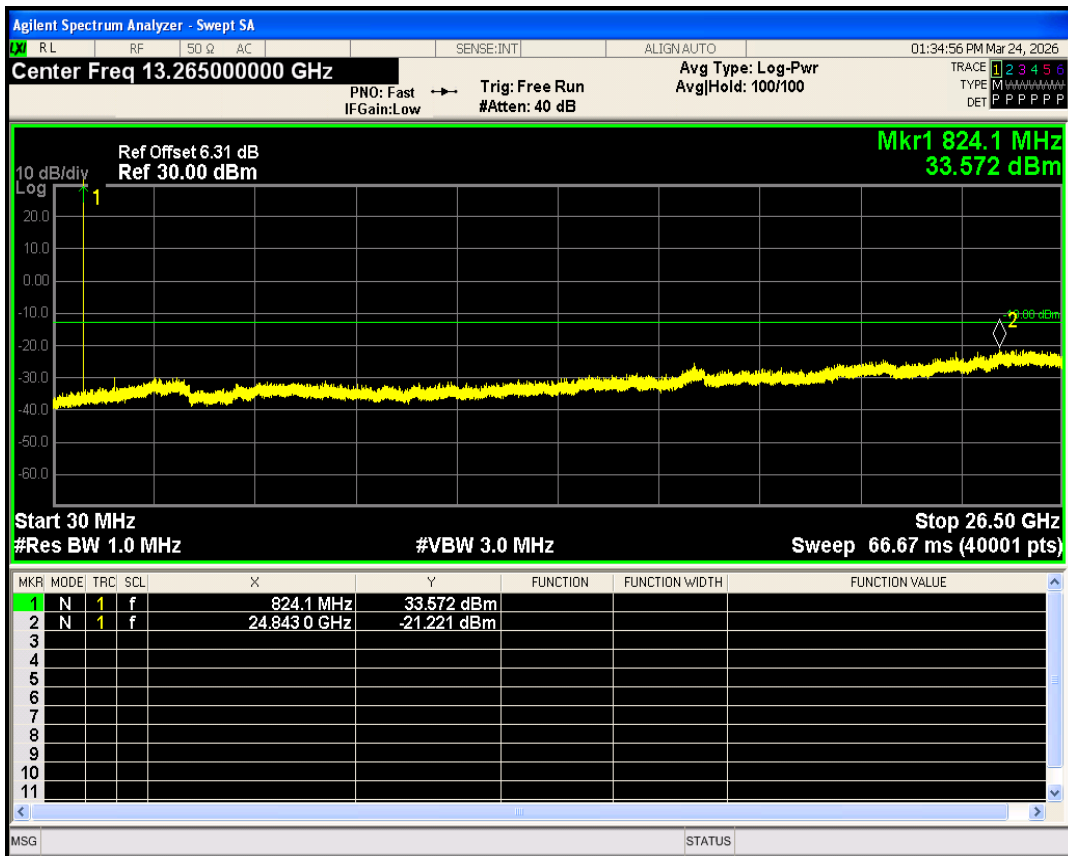
GPRS1900 Channel=810



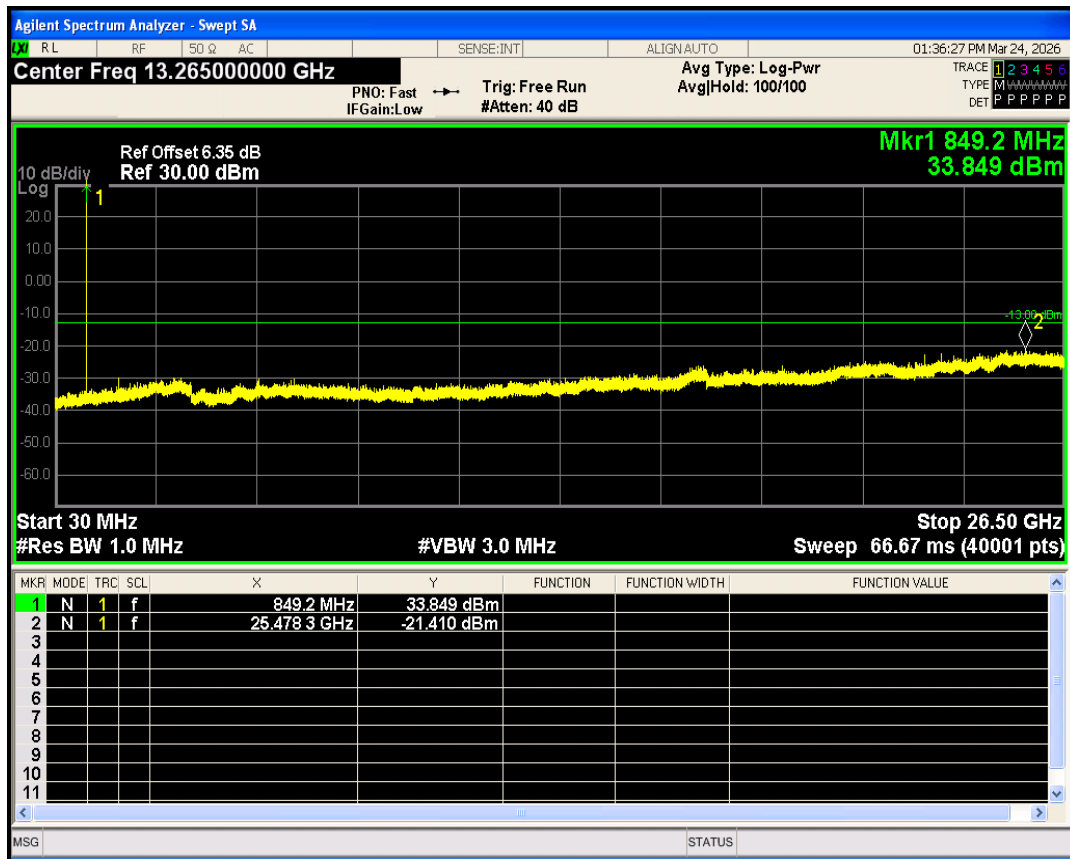
GPRS850 Channel=189



GPRS850 Channel=128



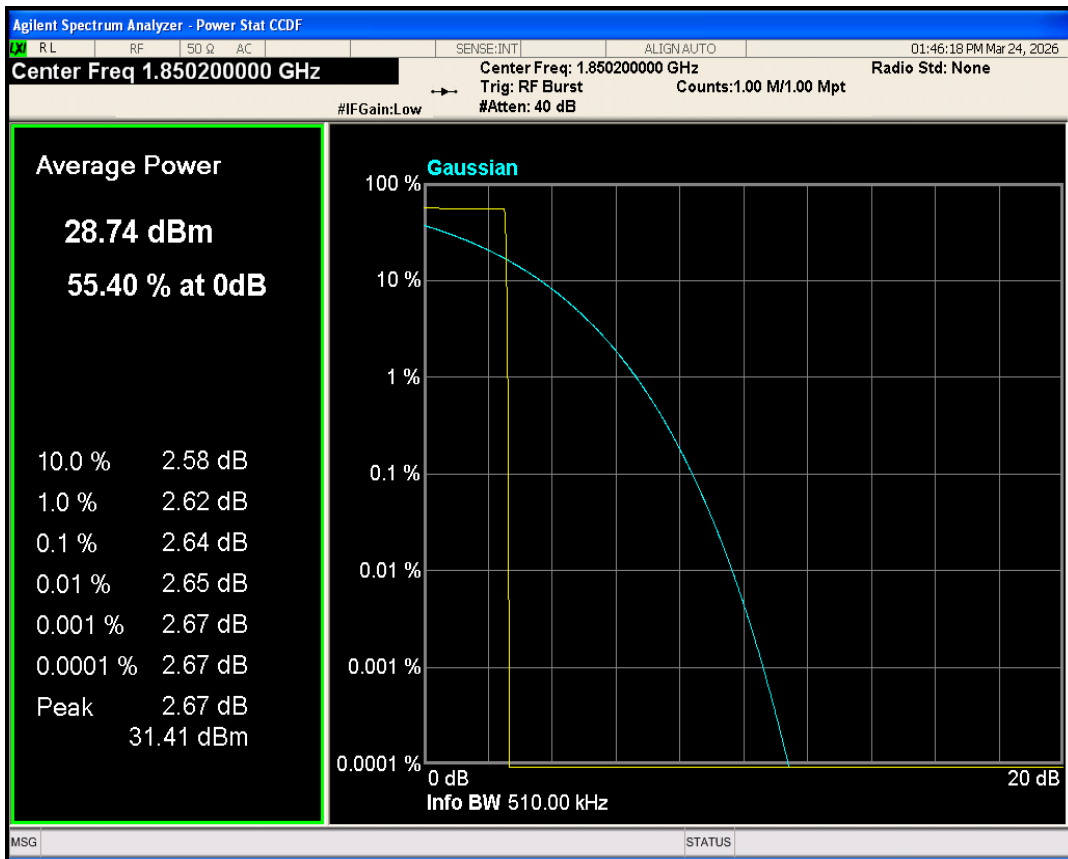
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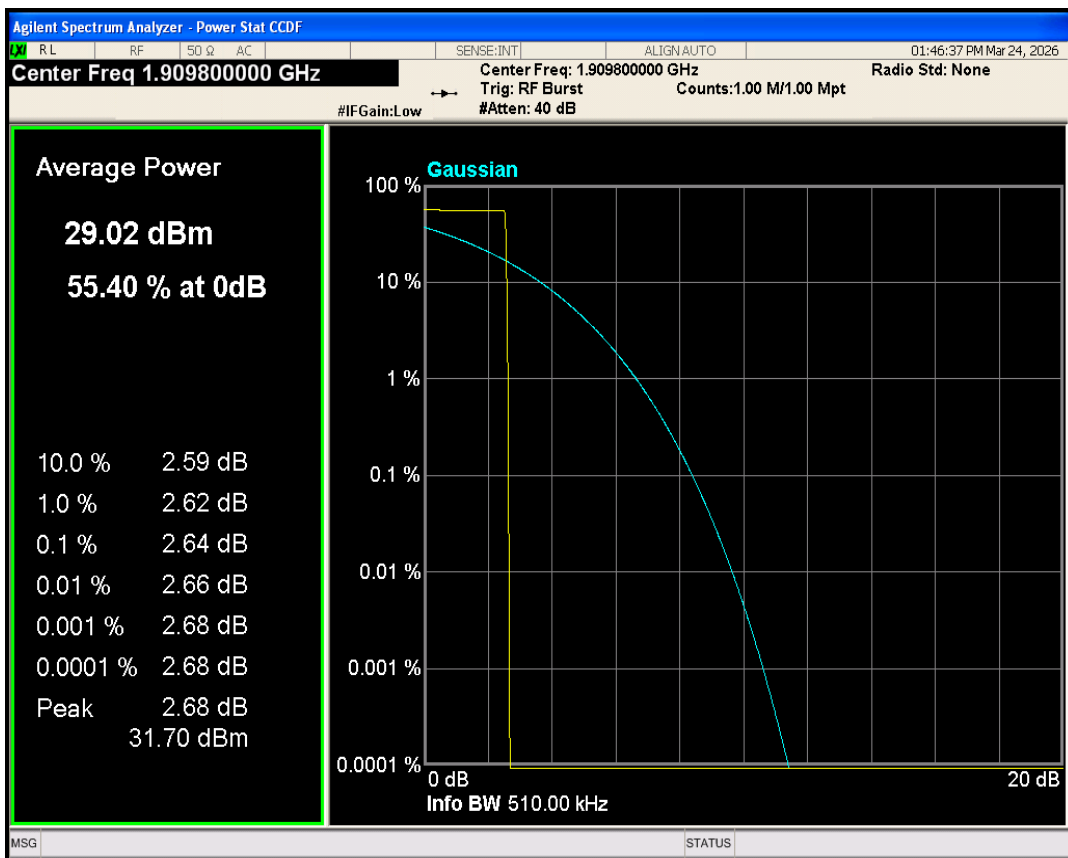
### 03 Peak-to-Average Ratio

| Band    | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 2.64        | 13              | PASS    |
| GSM1900 | 661     | 1880            | 2.67        | 13              | PASS    |
| GSM1900 | 810     | 1909.8          | 2.64        | 13              | PASS    |
| GSM850  | 128     | 824.2           | 2.60        | 13              | PASS    |
| GSM850  | 189     | 836.4           | 2.61        | 13              | PASS    |
| GSM850  | 251     | 848.8           | 2.62        | 13              | PASS    |

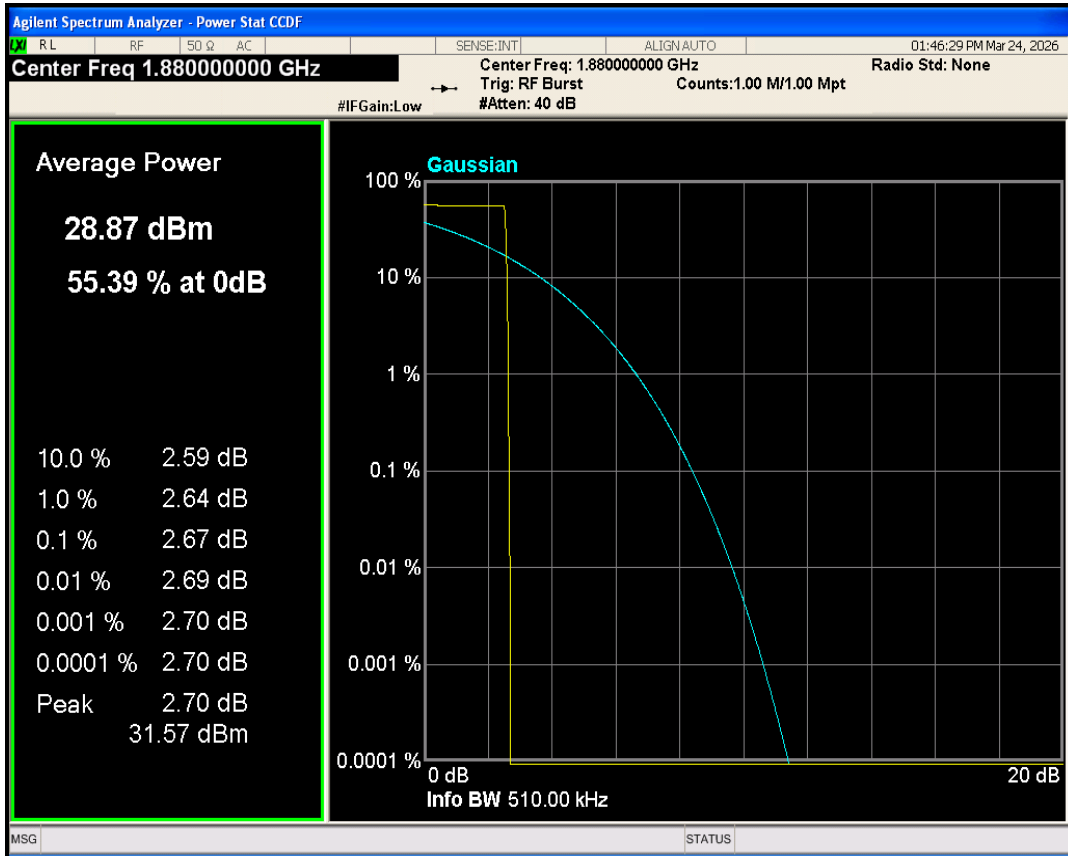
GSM1900 Channel=512



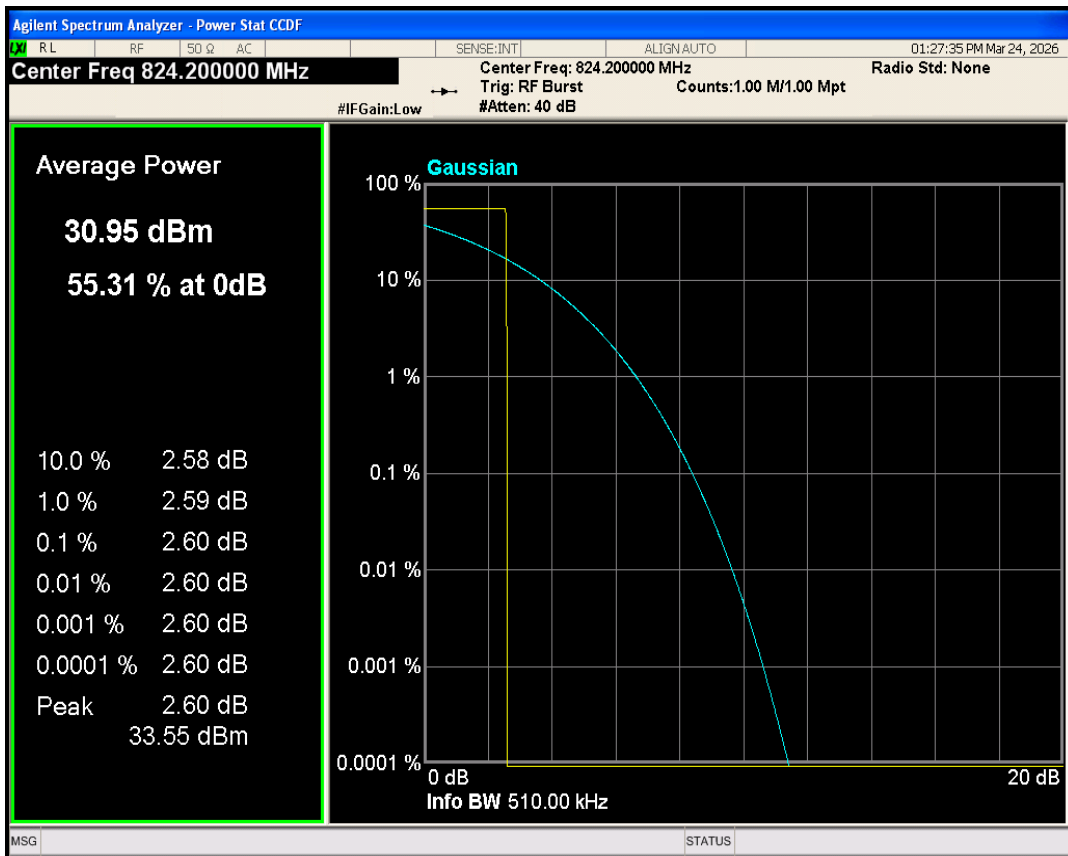
GSM1900 Channel=810



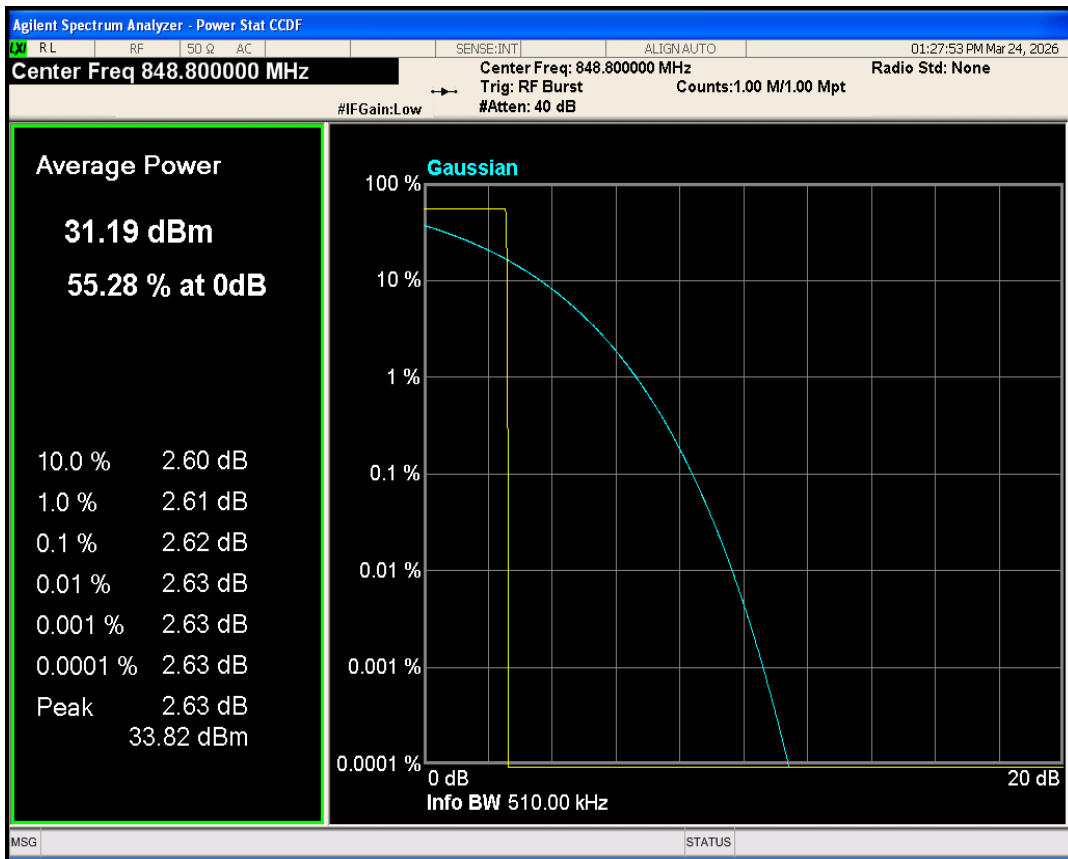
GSM1900 Channel=661



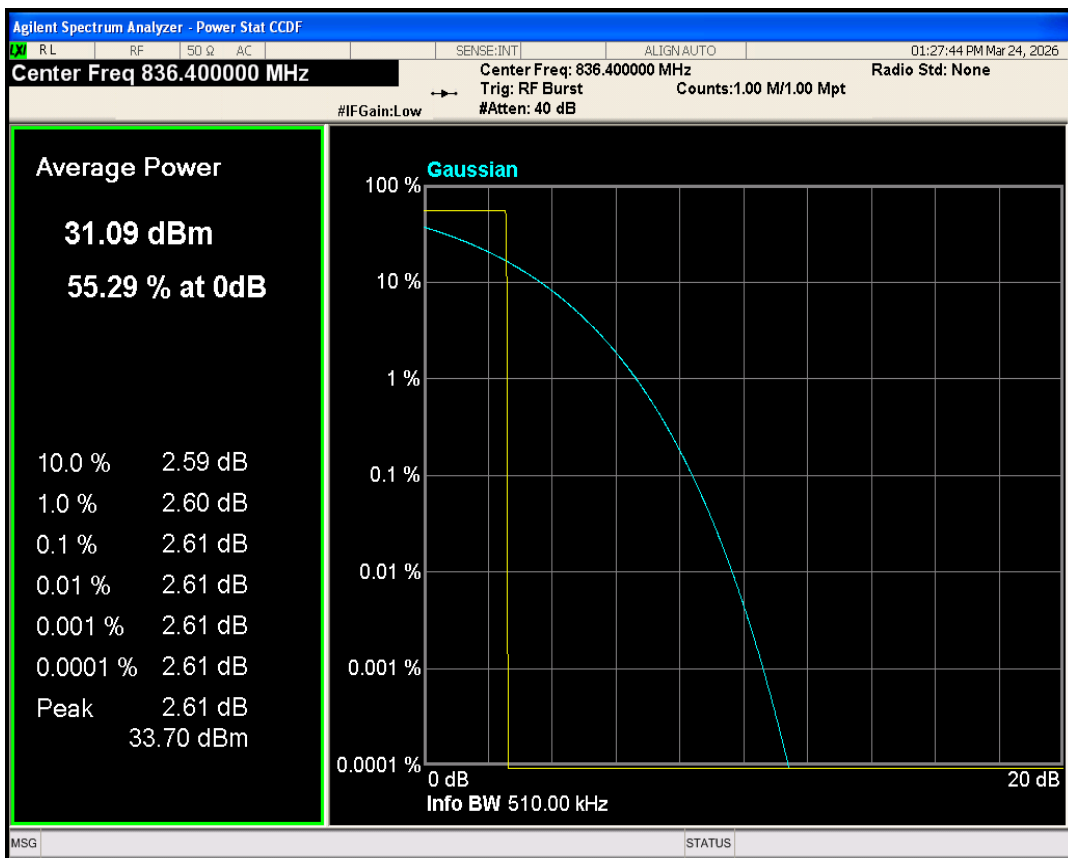
GSM850 Channel=128



GSM850 Channel=251



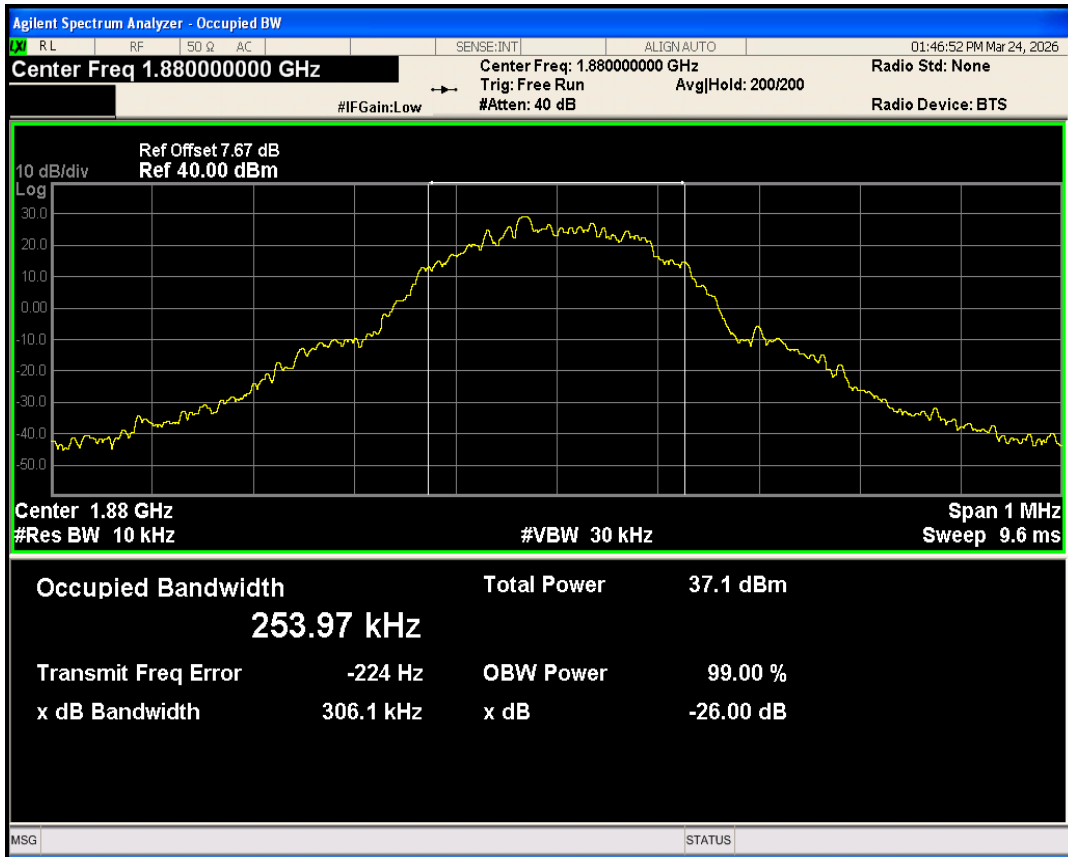
GSM850 Channel=189



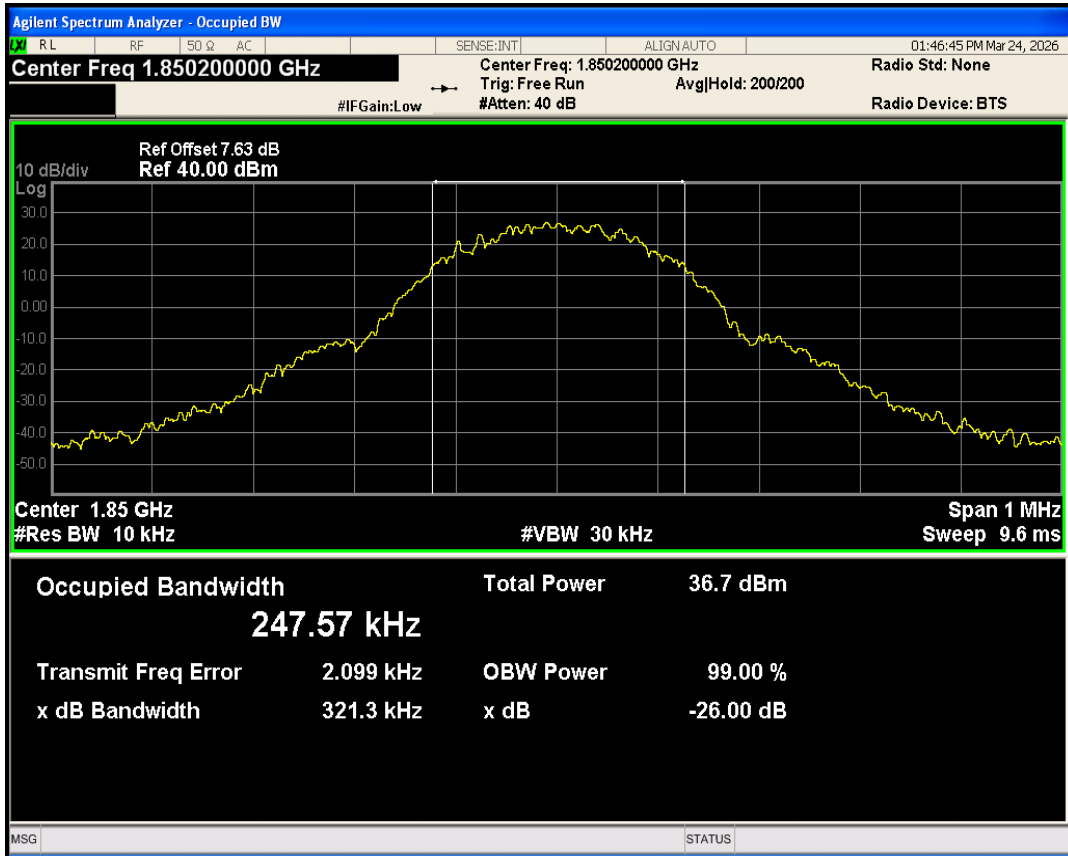
04 Occupied bandwidth

| Band    | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 247.572       | 321.278         | PASS    |
| GSM1900 | 661     | 1880            | 253.968       | 306.104         | PASS    |
| GSM1900 | 810     | 1909.8          | 243.453       | 315.362         | PASS    |
| GSM850  | 128     | 824.2           | 244.351       | 312.979         | PASS    |
| GSM850  | 189     | 836.4           | 242.645       | 315.139         | PASS    |
| GSM850  | 251     | 848.8           | 242.945       | 310.044         | PASS    |

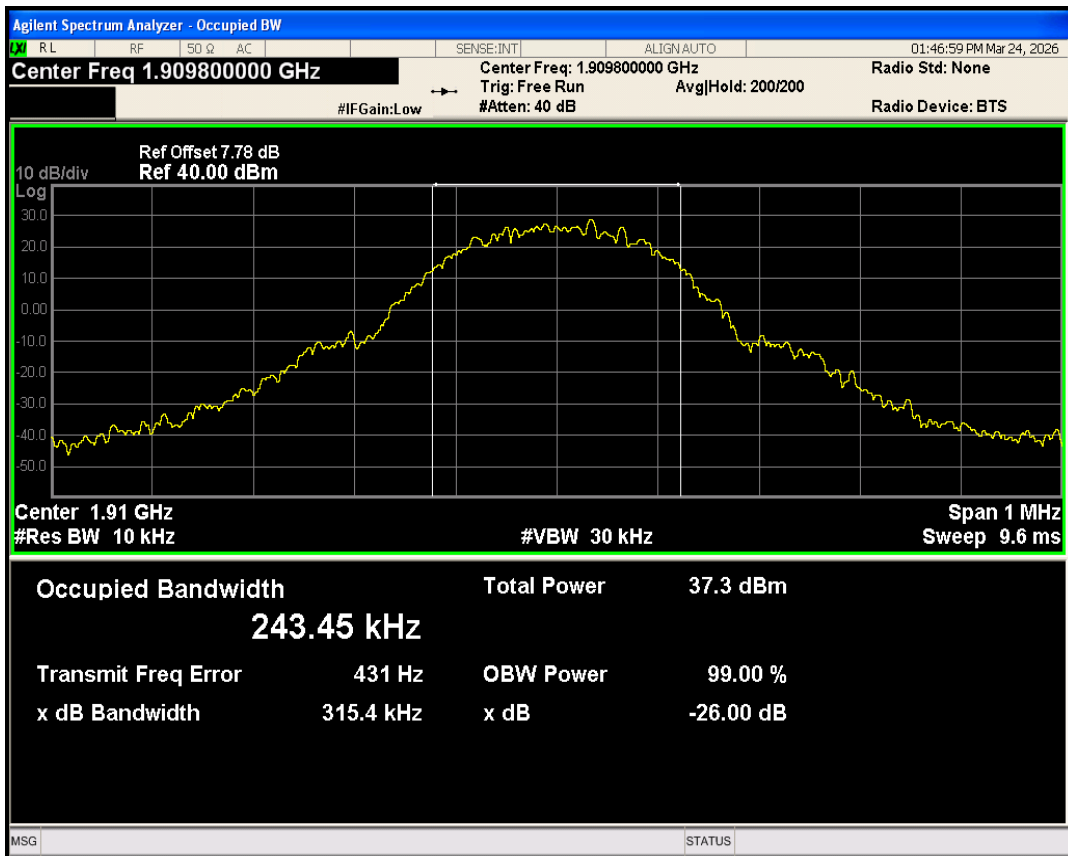
GSM1900 Channel=661



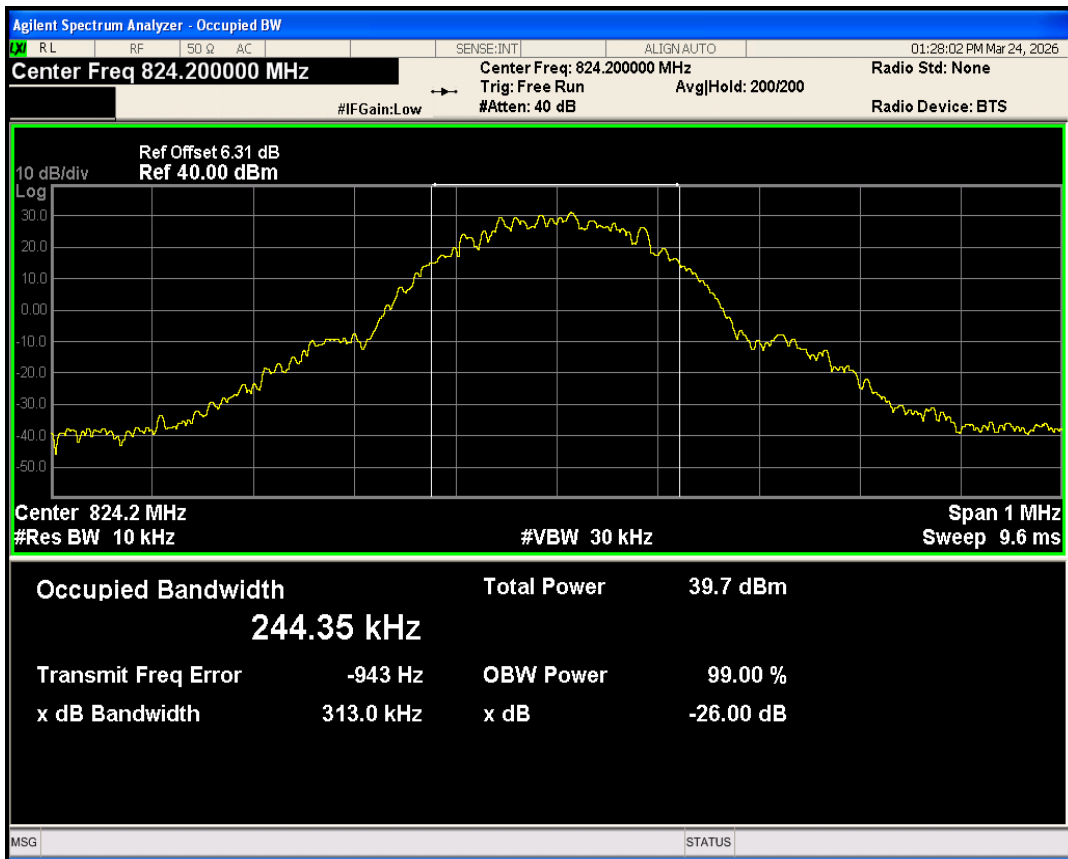
GSM1900 Channel=512



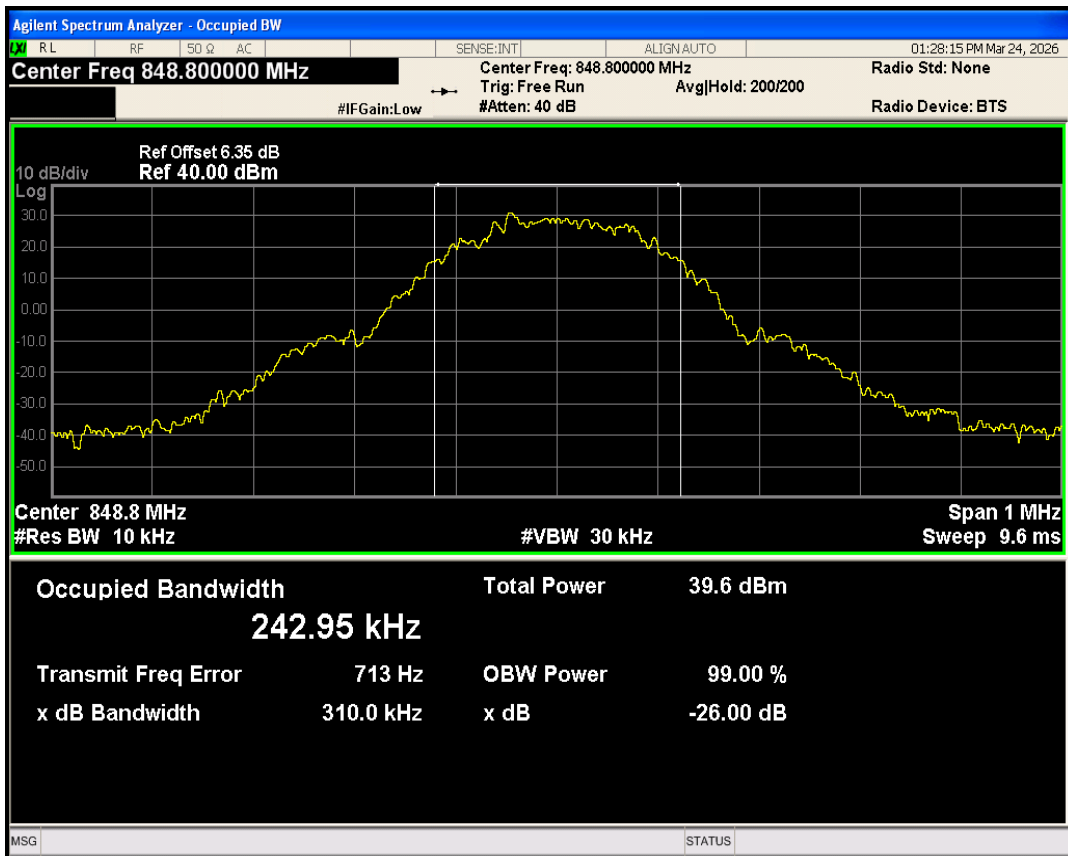
GSM1900 Channel=810



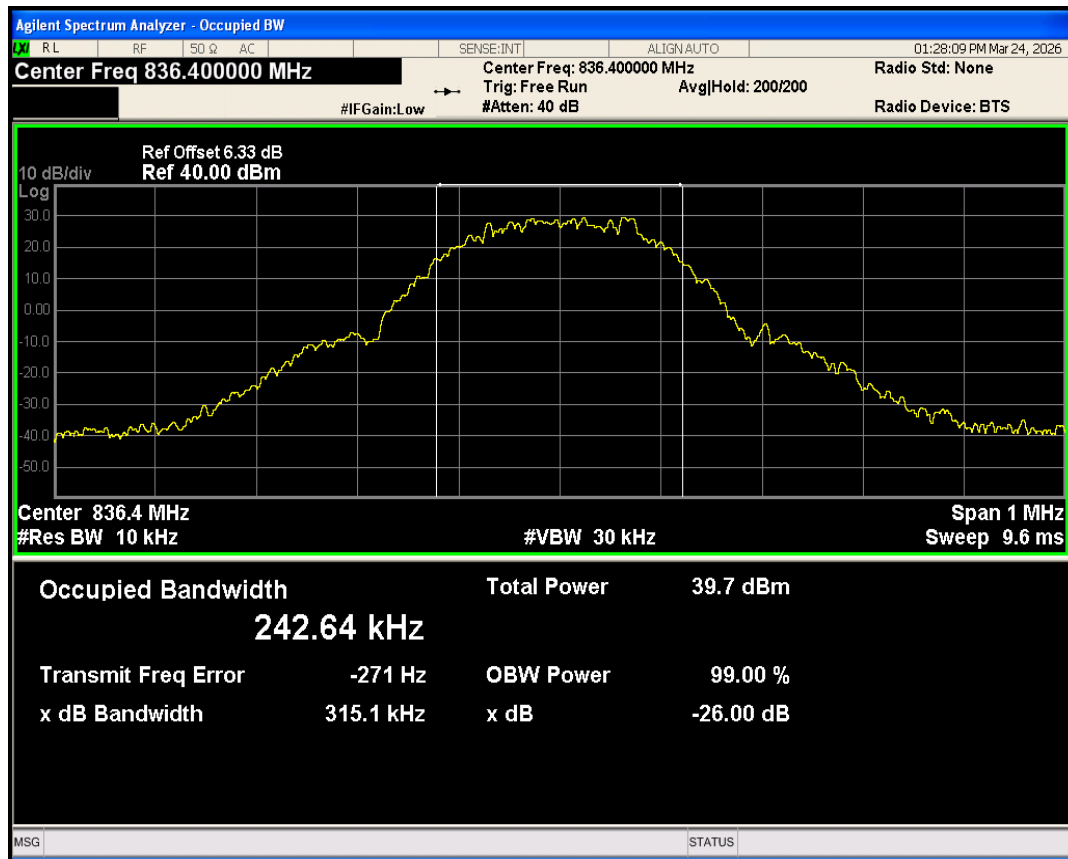
GSM850 Channel=128



GSM850 Channel=251



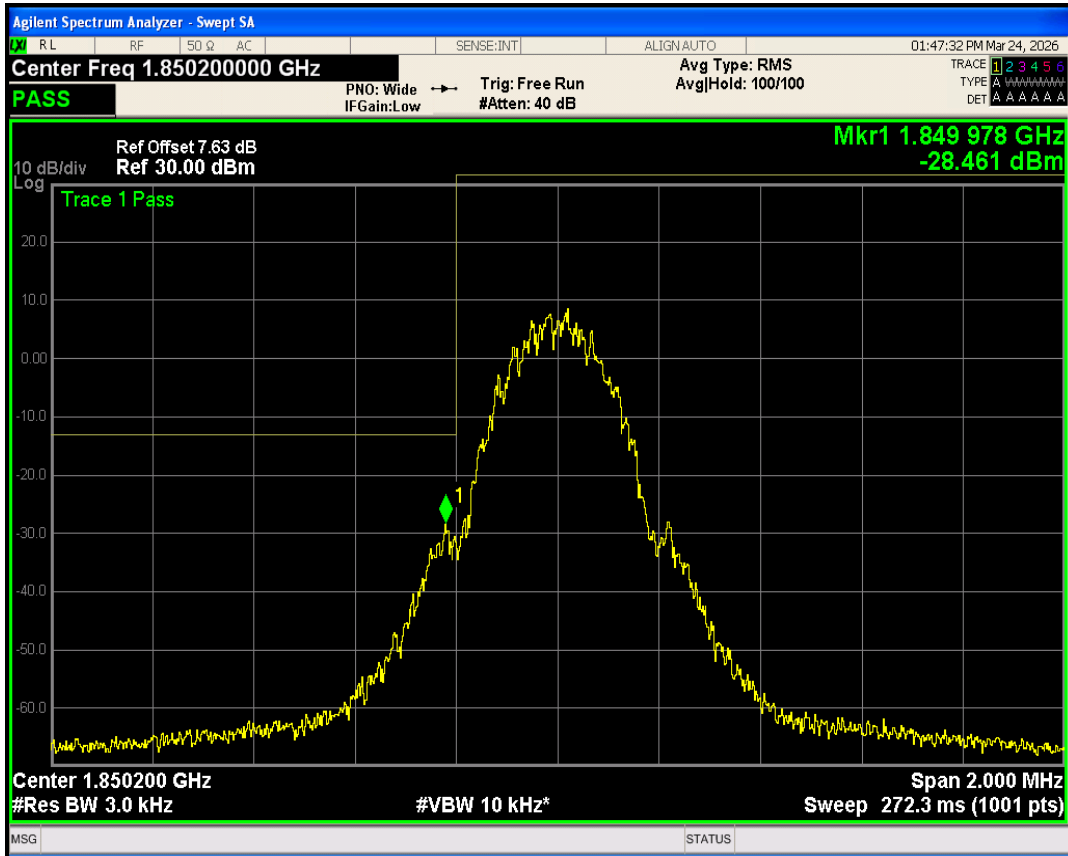
GSM850 Channel=189



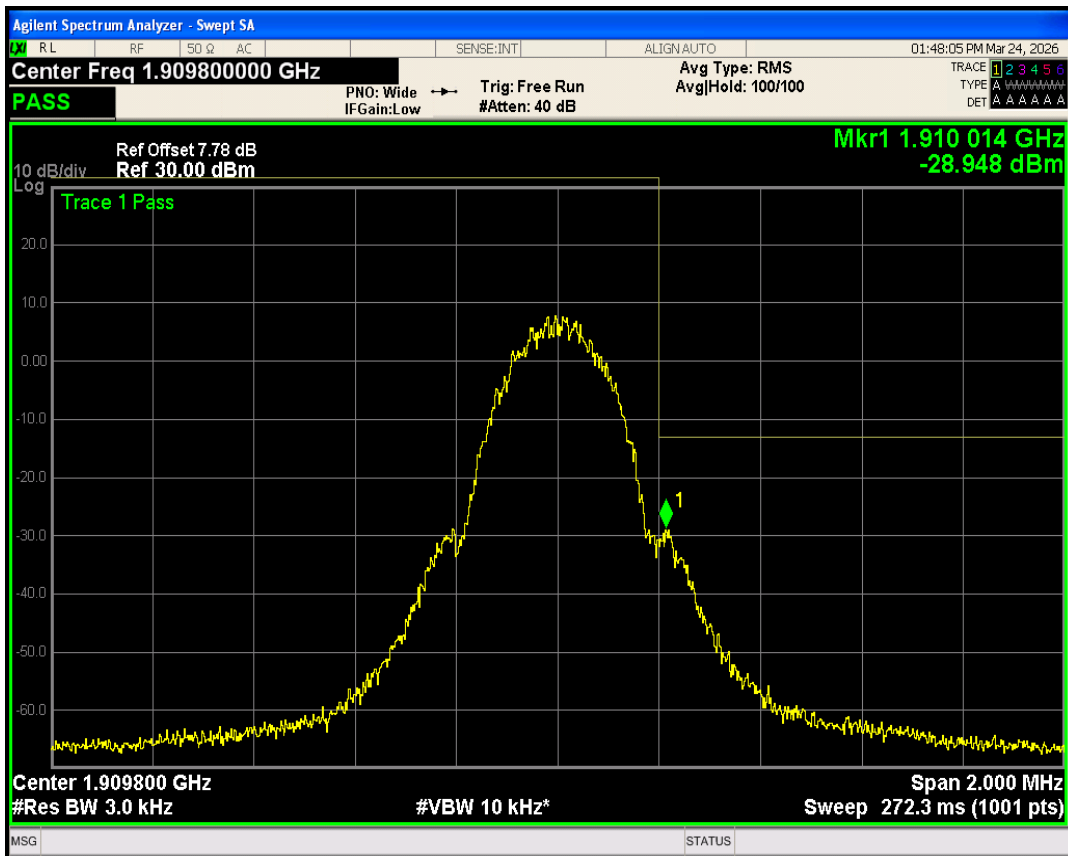
## 05 Band edge

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 1849.98         | -28.46           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 1910.01         | -28.94           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 823.98          | -27.03           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 849.02          | -25.30           | -13         | PASS    |

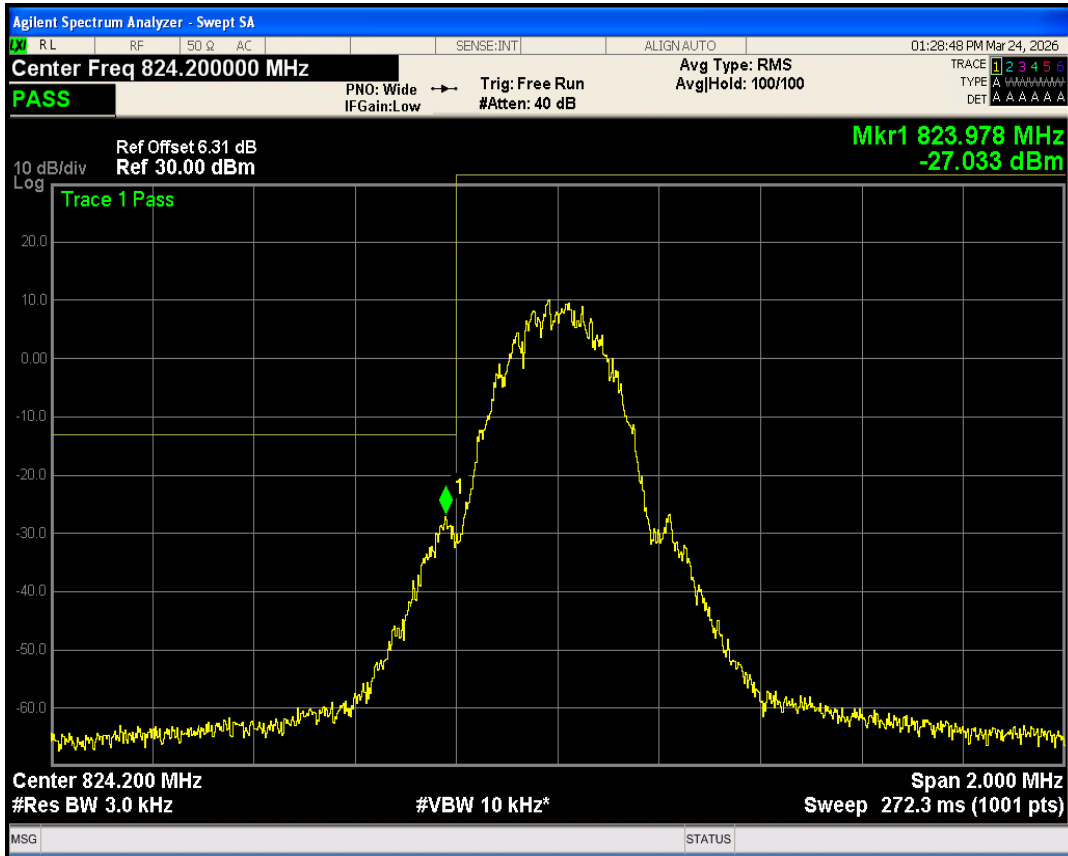
GSM1900 Channel=512



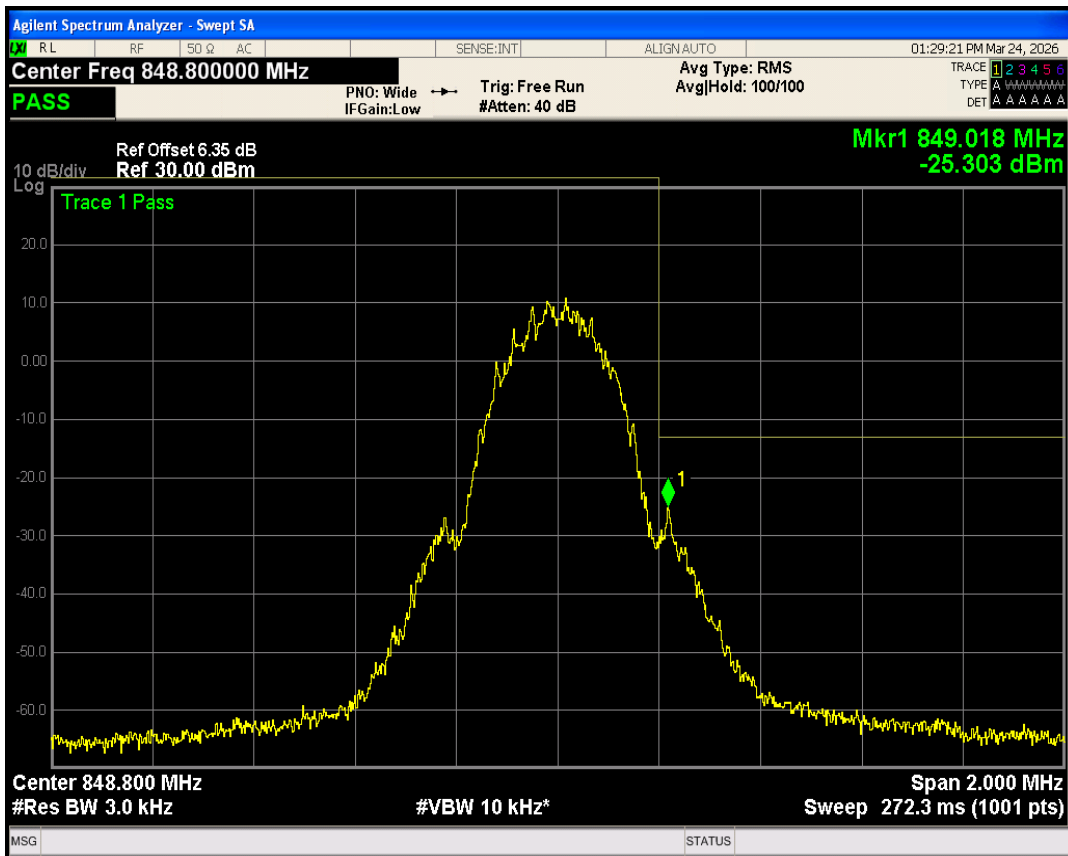
GSM1900 Channel=810



GSM850 Channel=128



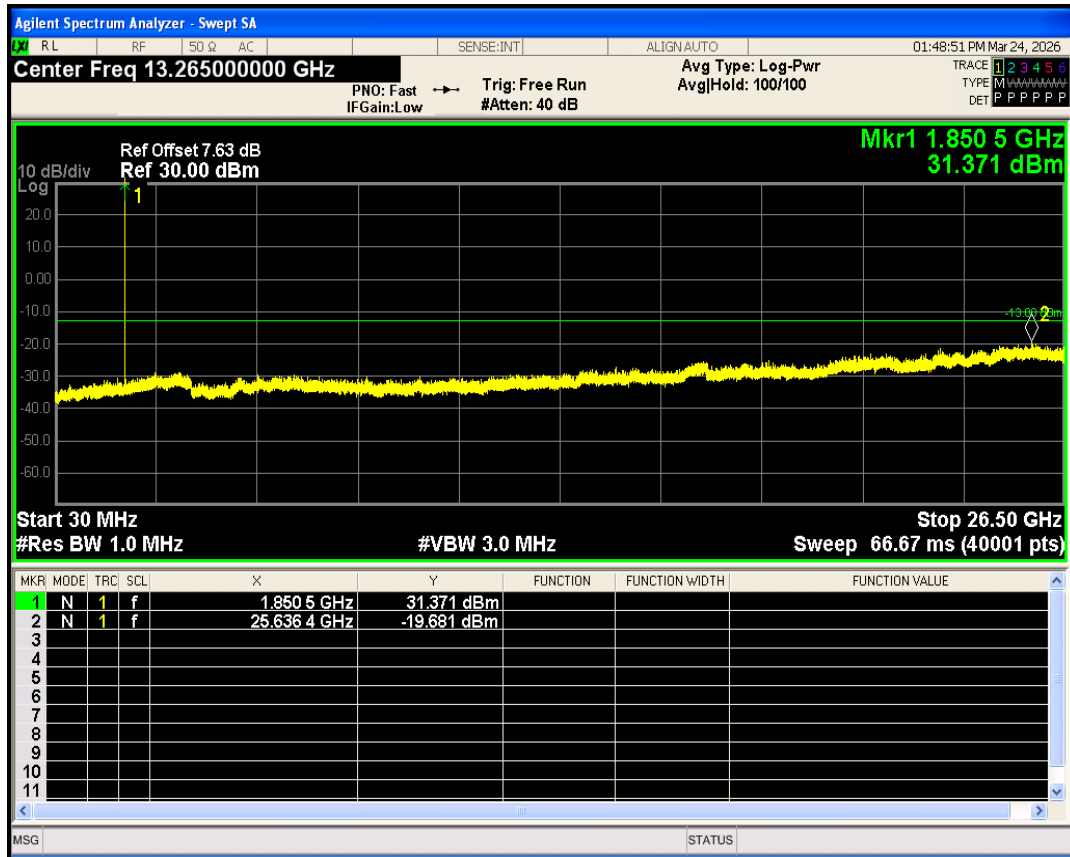
GSM850 Channel=251



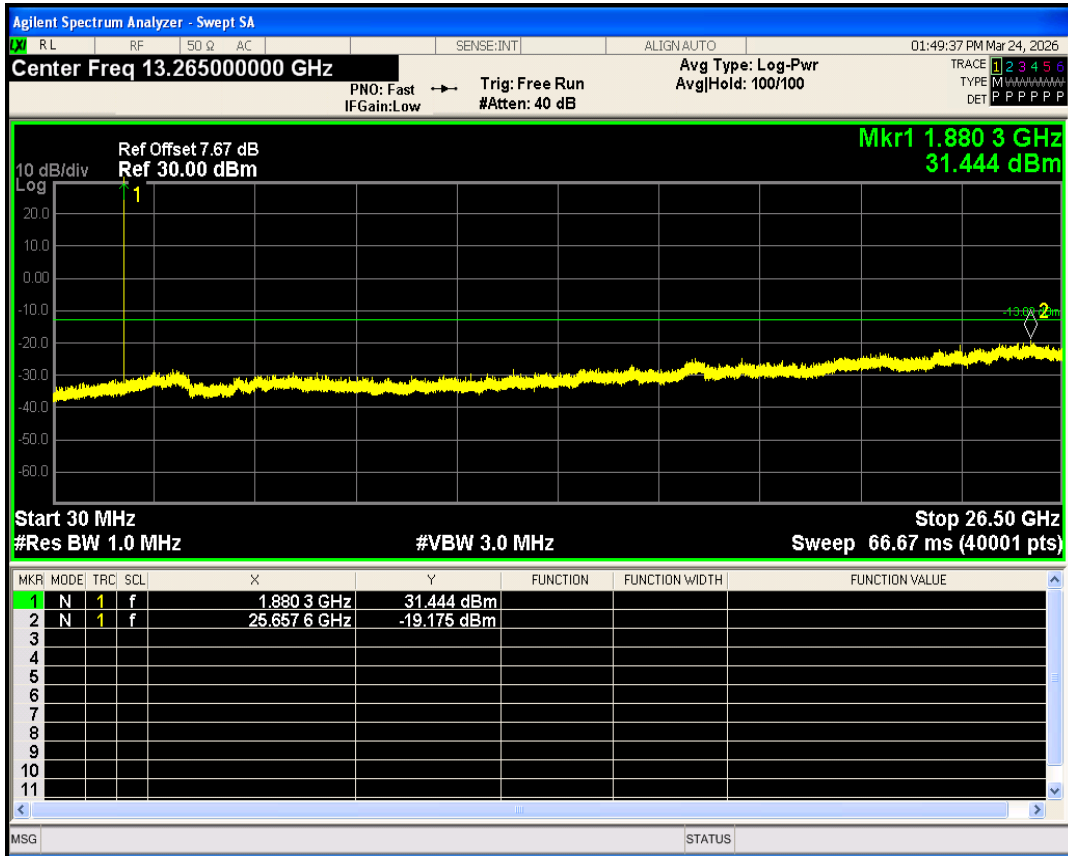
06 Out-of-band emissions

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 25636.42        | -19.68           | -13         | PASS    |
| GSM1900 | 661     | 1880            | 25657.59        | -19.17           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 25647.67        | -19.61           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 25277.75        | -20.93           | -13         | PASS    |
| GSM850  | 189     | 836.4           | 25727.08        | -21.41           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 24862.17        | -20.70           | -13         | PASS    |

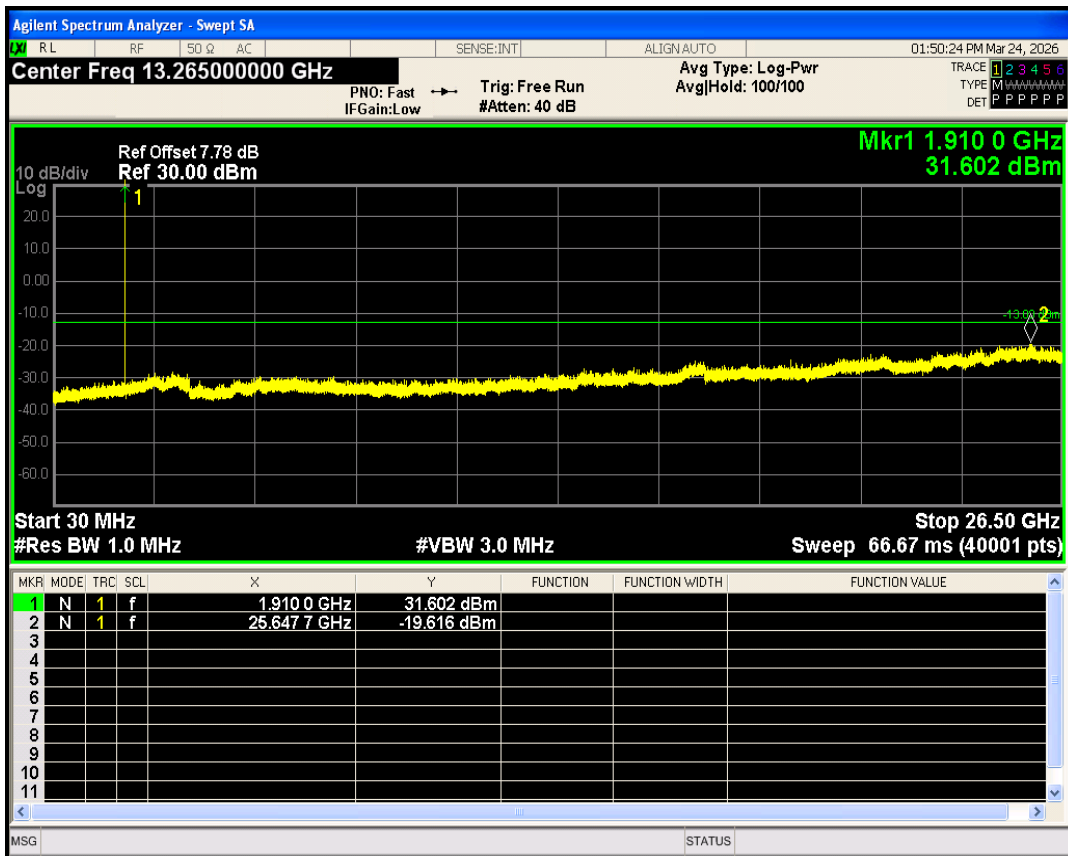
GSM1900 Channel=512



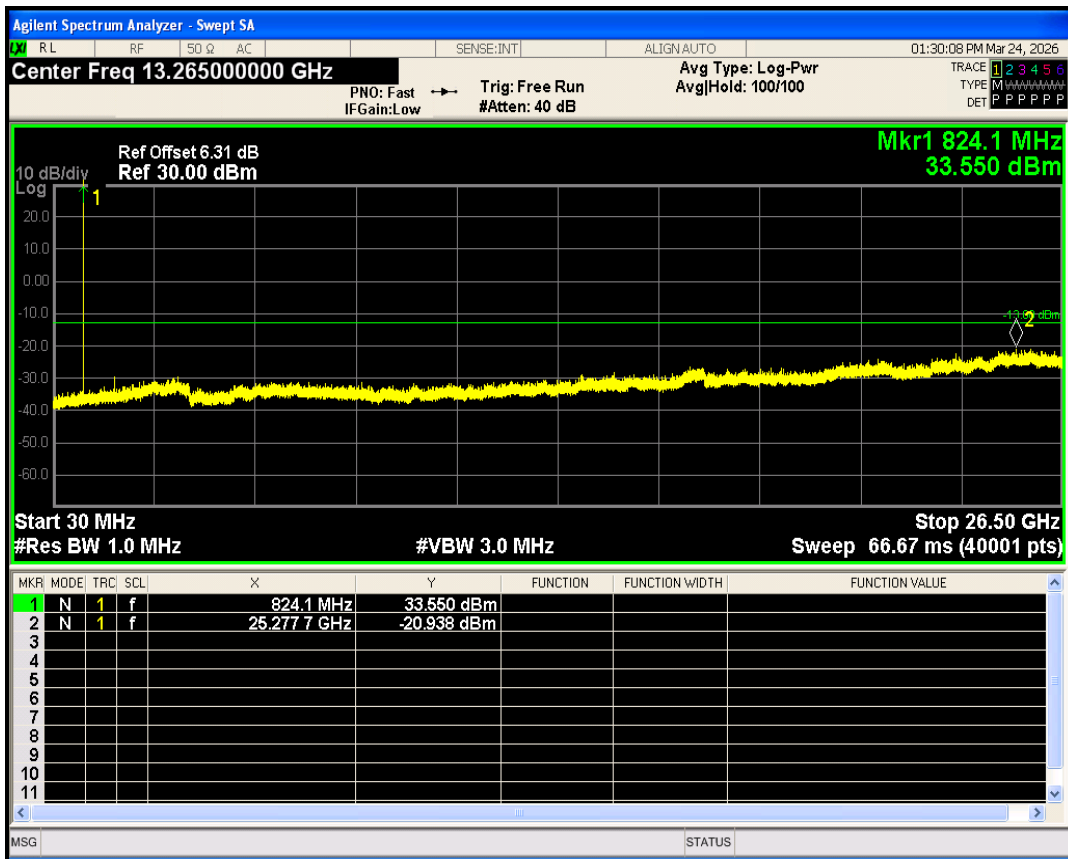
GSM1900 Channel=661



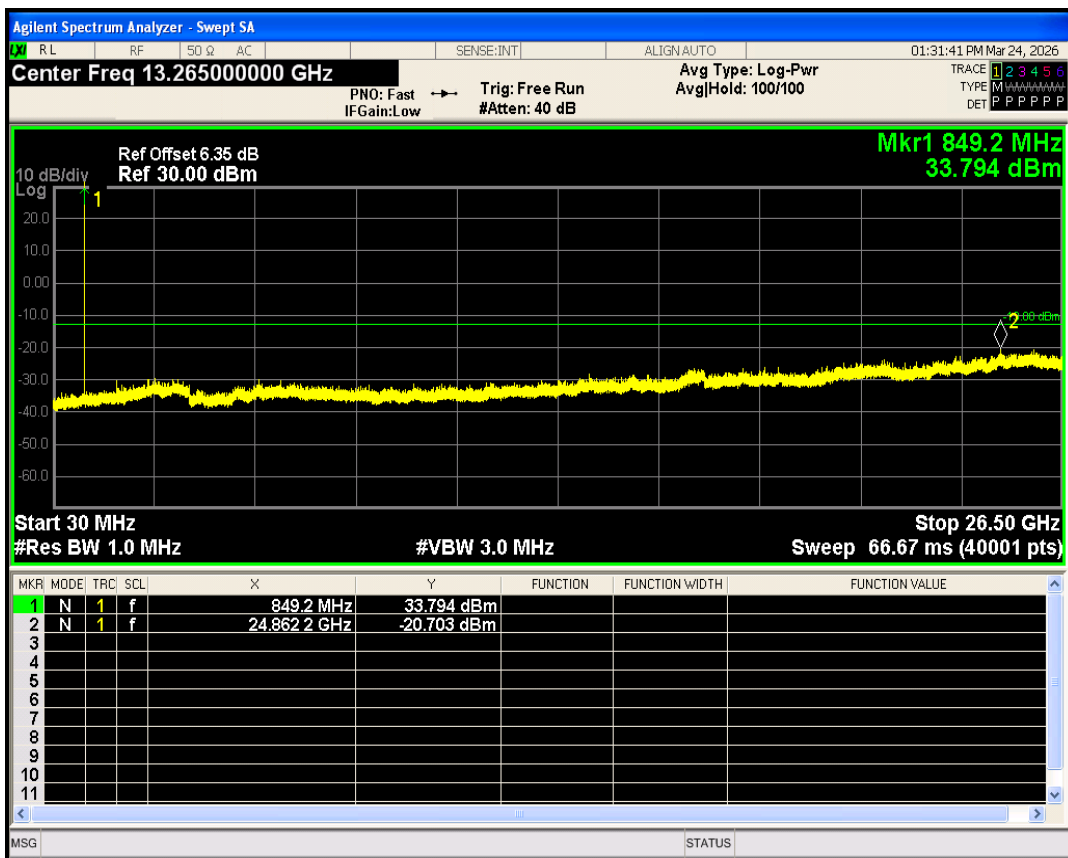
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=189

