

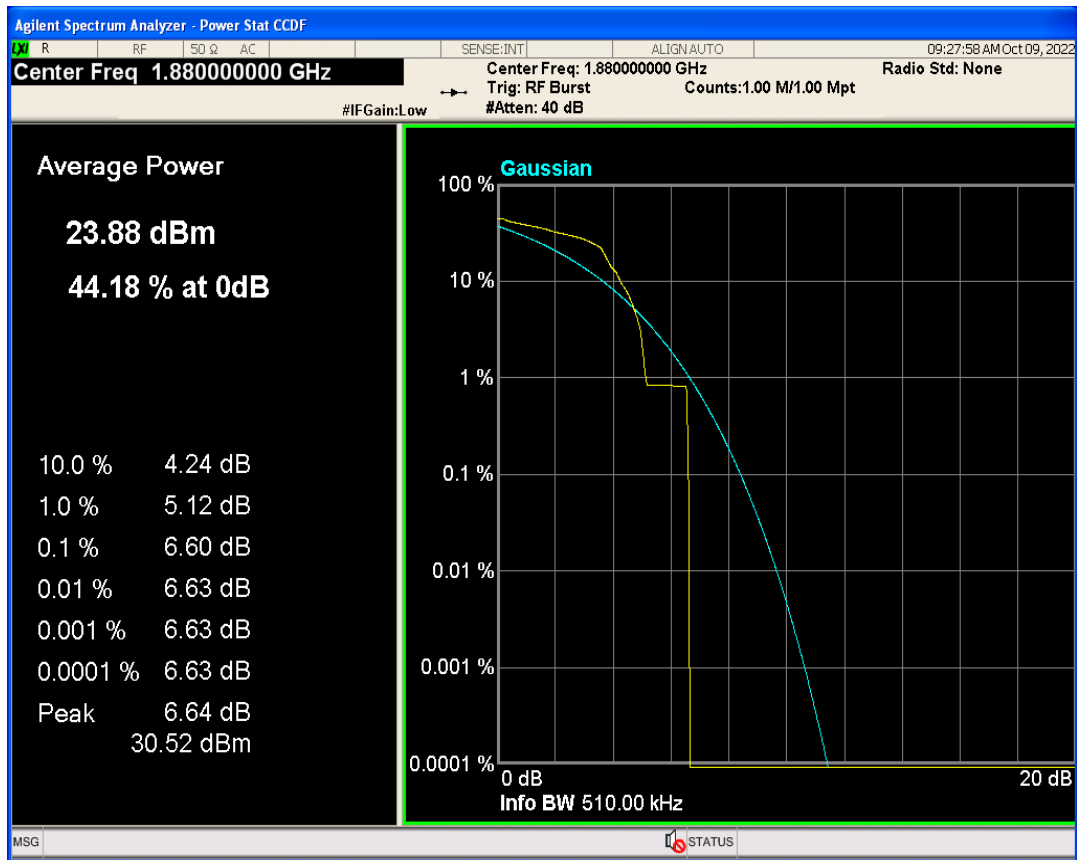
## 1 Conducted output power

| Band             | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512     | 1850.2          | 22.72       | PASS    |
| EGPRS1900 1 Slot | 661     | 1880            | 25.12       | PASS    |
| EGPRS1900 1 Slot | 810     | 1909.8          | 24.72       | PASS    |
| EGPRS1900 2 Slot | 512     | 1850.2          | 21.88       | PASS    |
| EGPRS1900 2 Slot | 661     | 1880            | 23.70       | PASS    |
| EGPRS1900 2 Slot | 810     | 1909.8          | 23.25       | PASS    |
| EGPRS1900 3 Slot | 512     | 1850.2          | 20.32       | PASS    |
| EGPRS1900 3 Slot | 661     | 1880            | 21.51       | PASS    |
| EGPRS1900 3 Slot | 810     | 1909.8          | 21.69       | PASS    |
| EGPRS1900 4 Slot | 512     | 1850.2          | 18.11       | PASS    |
| EGPRS1900 4 Slot | 661     | 1880            | 19.50       | PASS    |
| EGPRS1900 4 Slot | 810     | 1909.8          | 19.57       | PASS    |
| EGPRS850 1 Slot  | 128     | 824.2           | 24.74       | PASS    |
| EGPRS850 1 Slot  | 189     | 836.4           | 25.19       | PASS    |
| EGPRS850 1 Slot  | 251     | 848.8           | 24.77       | PASS    |
| EGPRS850 2 Slot  | 128     | 824.2           | 24.09       | PASS    |
| EGPRS850 2 Slot  | 189     | 836.4           | 23.91       | PASS    |
| EGPRS850 2 Slot  | 251     | 848.8           | 23.54       | PASS    |
| EGPRS850 3 Slot  | 128     | 824.2           | 21.48       | PASS    |
| EGPRS850 3 Slot  | 189     | 836.4           | 22.23       | PASS    |
| EGPRS850 3 Slot  | 251     | 848.8           | 21.34       | PASS    |
| EGPRS850 4 Slot  | 128     | 824.2           | 18.81       | PASS    |
| EGPRS850 4 Slot  | 189     | 836.4           | 19.46       | PASS    |
| EGPRS850 4 Slot  | 251     | 848.8           | 18.87       | PASS    |

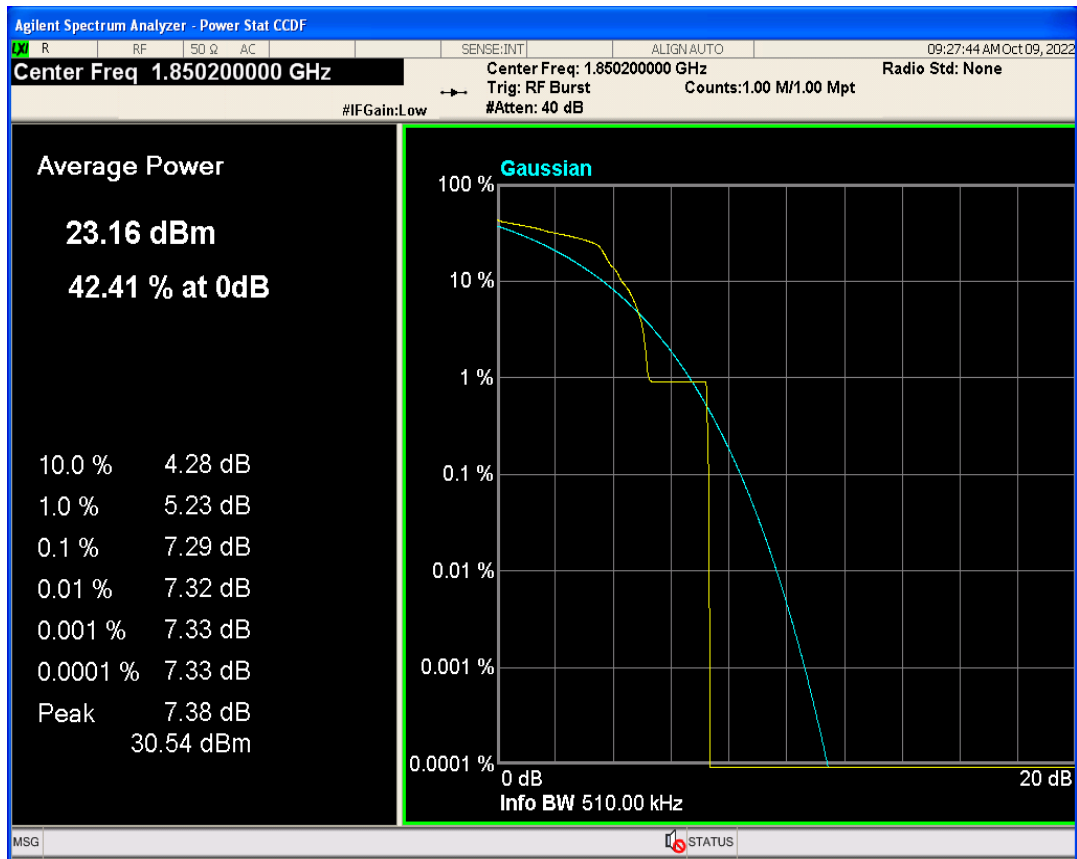
## 2 Peak-to-Average Ratio

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 7.293129584 | 13.00           | PASS    |
| EGPRS1900 | 661     | 1880            | 6.602230576 | 13.00           | PASS    |
| EGPRS1900 | 810     | 1909.8          | 7.412816327 | 13.00           | PASS    |
| EGPRS850  | 128     | 824.2           | 9.334857342 | 13.00           | PASS    |
| EGPRS850  | 189     | 836.4           | 9.149184944 | 13.00           | PASS    |
| EGPRS850  | 251     | 848.8           | 9.679459596 | 13.00           | PASS    |

EGPRS1900 Channel=661



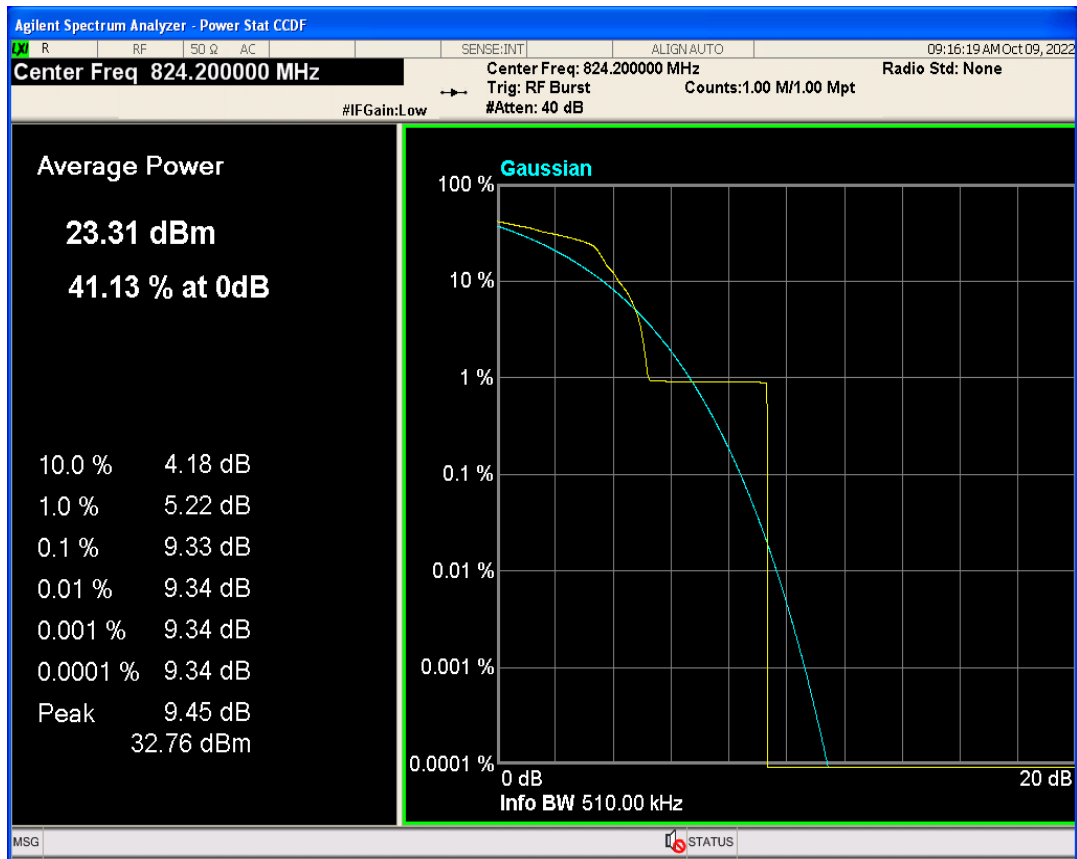
EGPRS1900 Channel=512



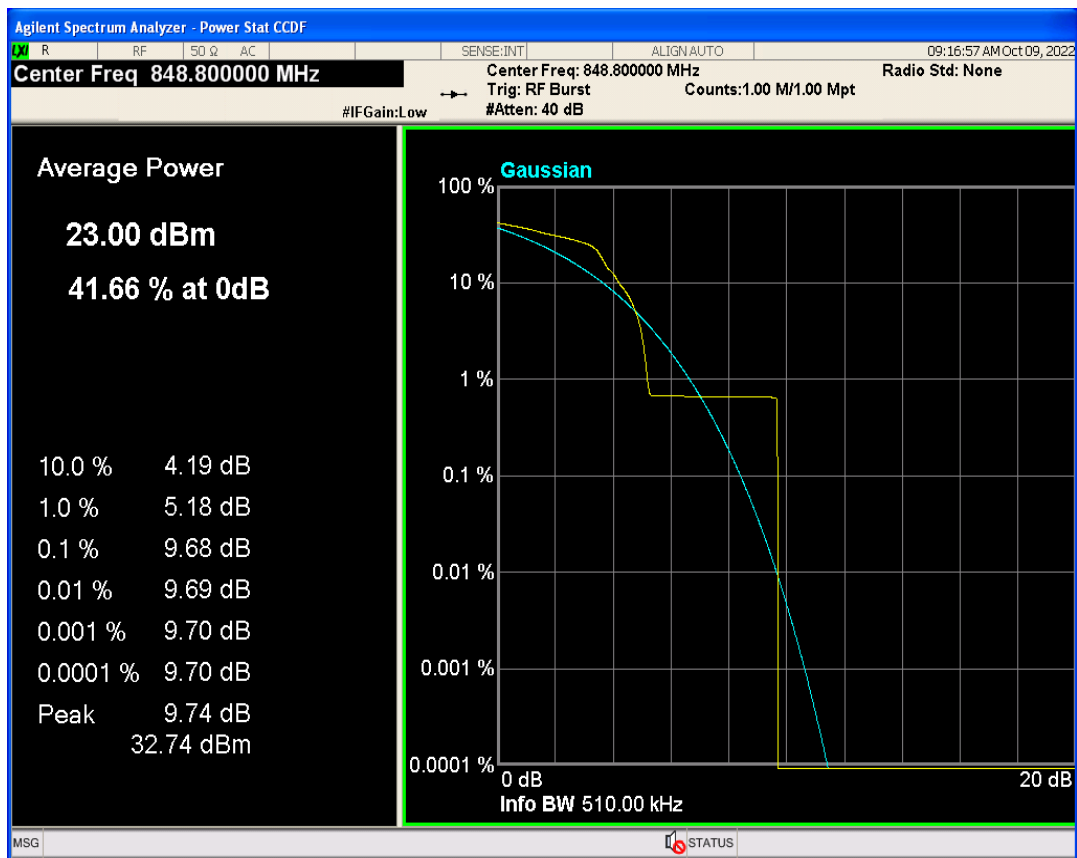
EGPRS1900 Channel=810



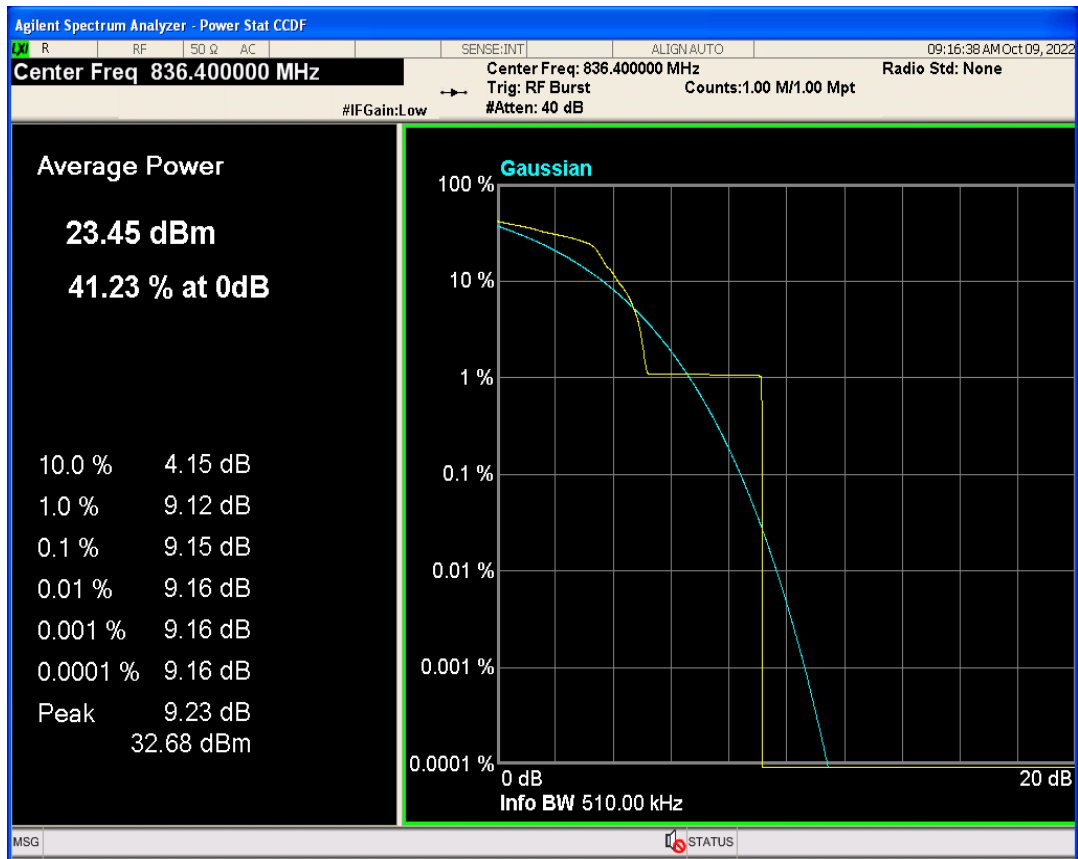
EGPRS850 Channel=128



EGPRS850 Channel=251



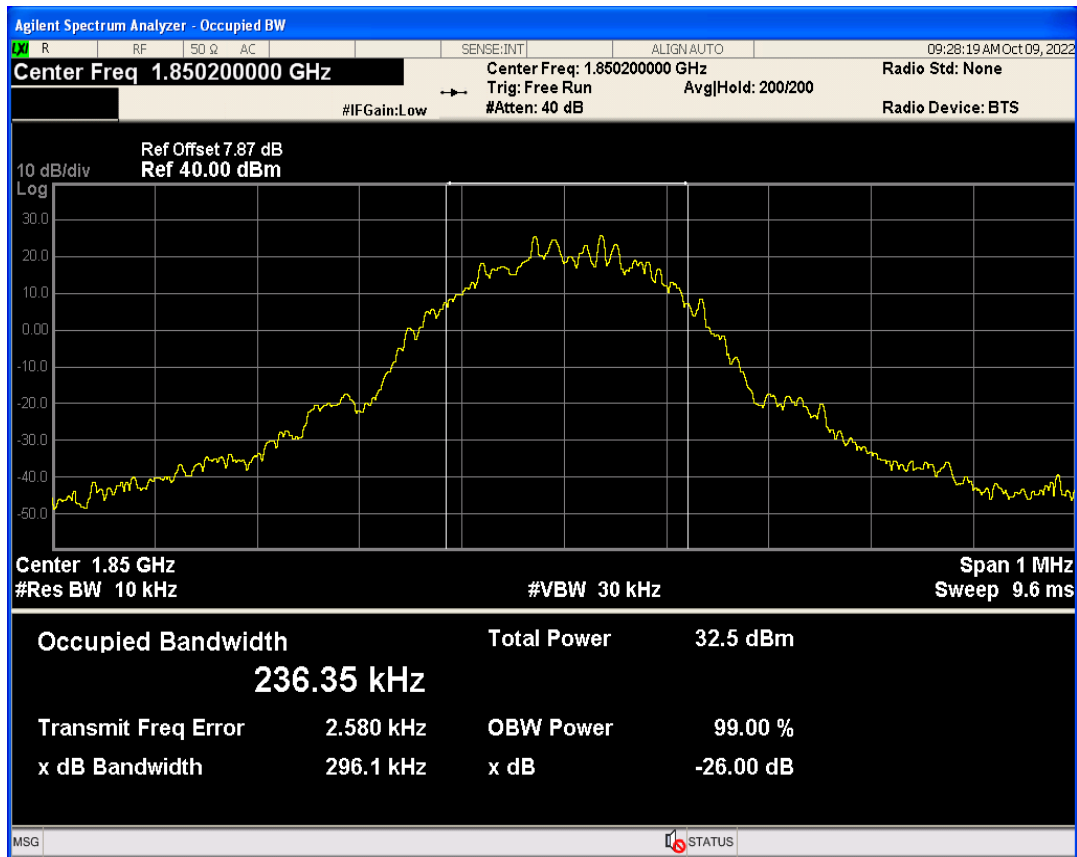
EGPRS850 Channel=189



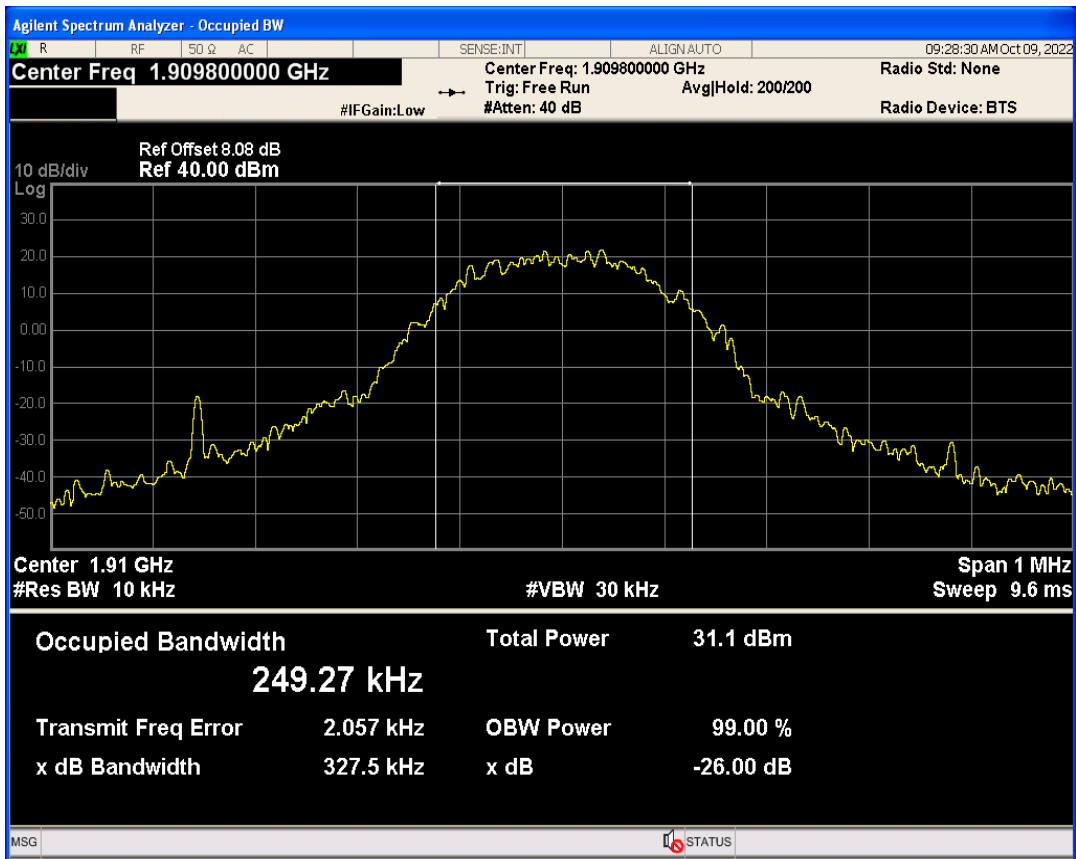
### 3 Occupied bandwidth

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 236.352       | 296.062         | PASS    |
| EGPRS1900 | 661     | 1880            | 254.912       | 319.411         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 249.271       | 327.545         | PASS    |
| EGPRS850  | 128     | 824.2           | 254.267       | 315.005         | PASS    |
| EGPRS850  | 189     | 836.4           | 231.474       | 273.318         | PASS    |
| EGPRS850  | 251     | 848.8           | 248.971       | 302.010         | PASS    |

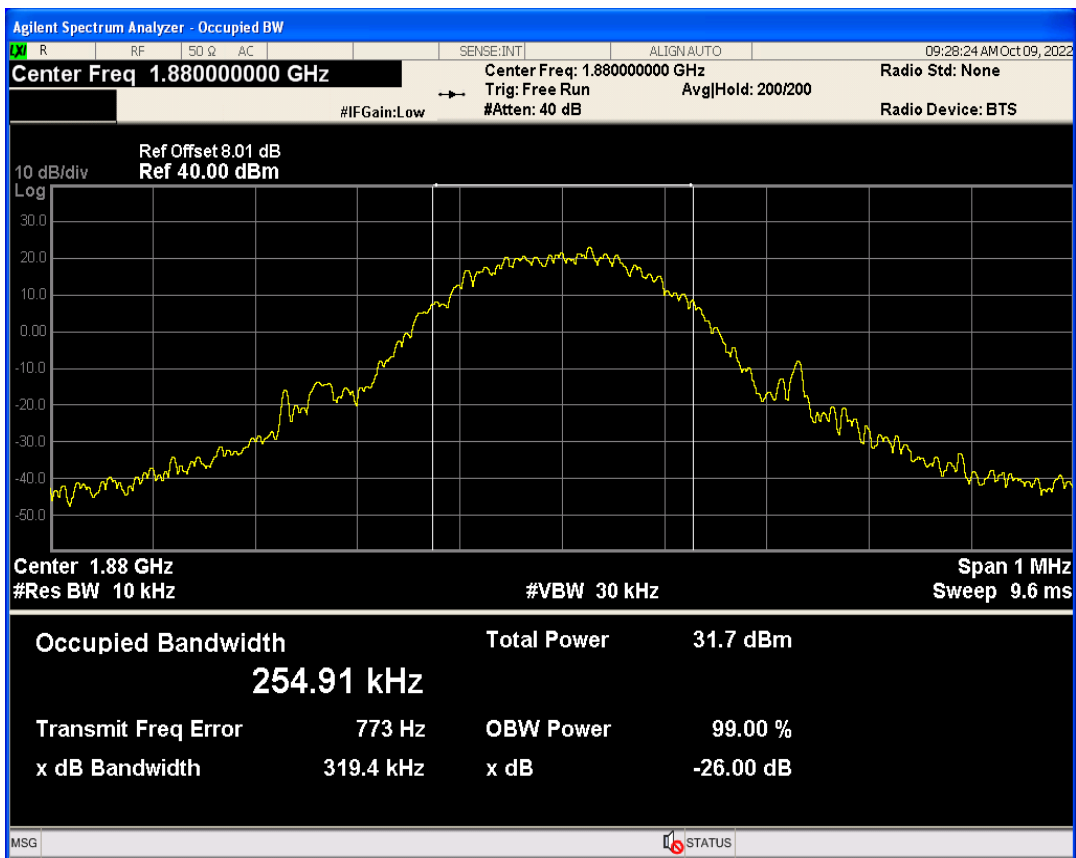
EGPRS1900 Channel=512



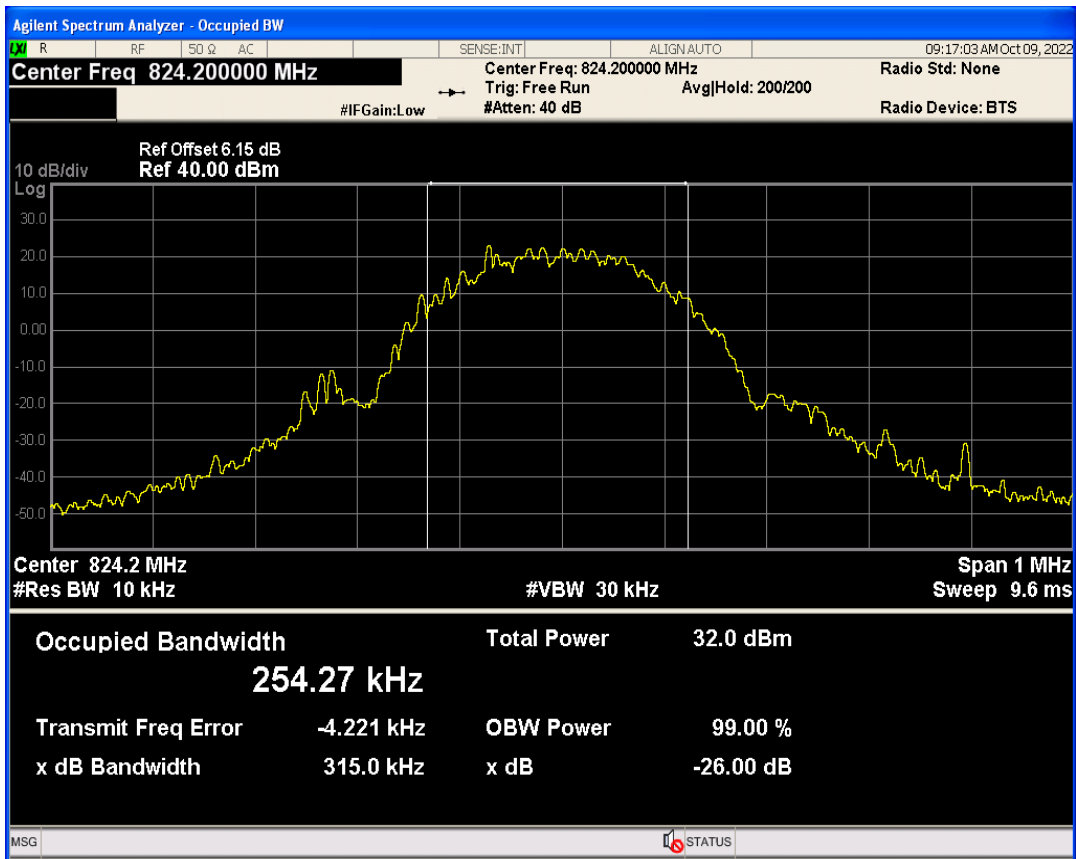
EGPRS1900 Channel=810



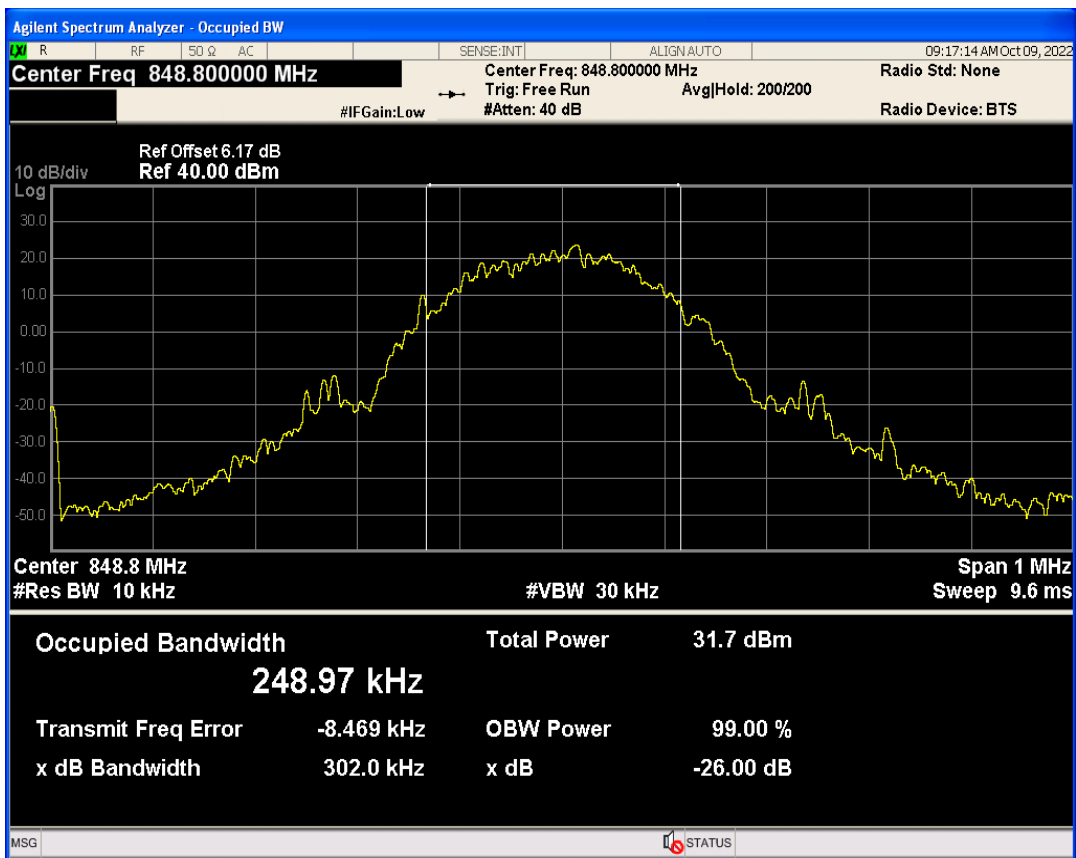
EGPRS1900 Channel=661



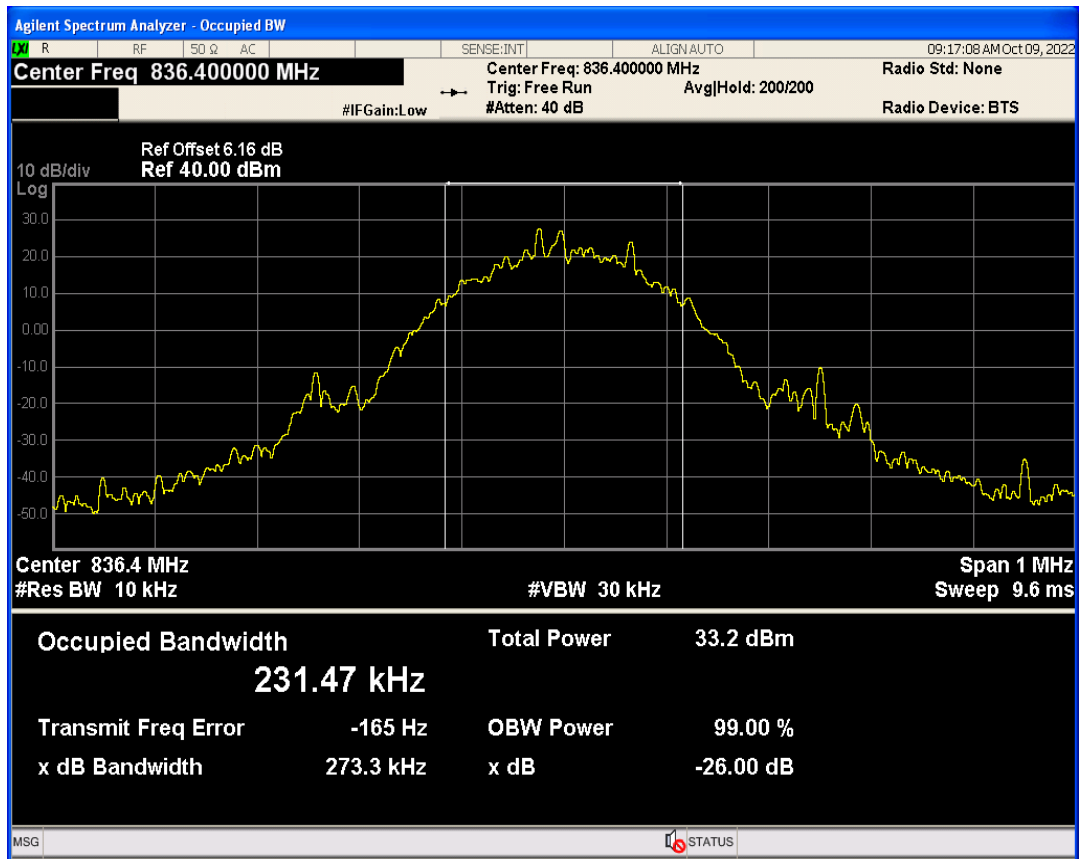
EGPRS850 Channel=128



EGPRS850 Channel=251



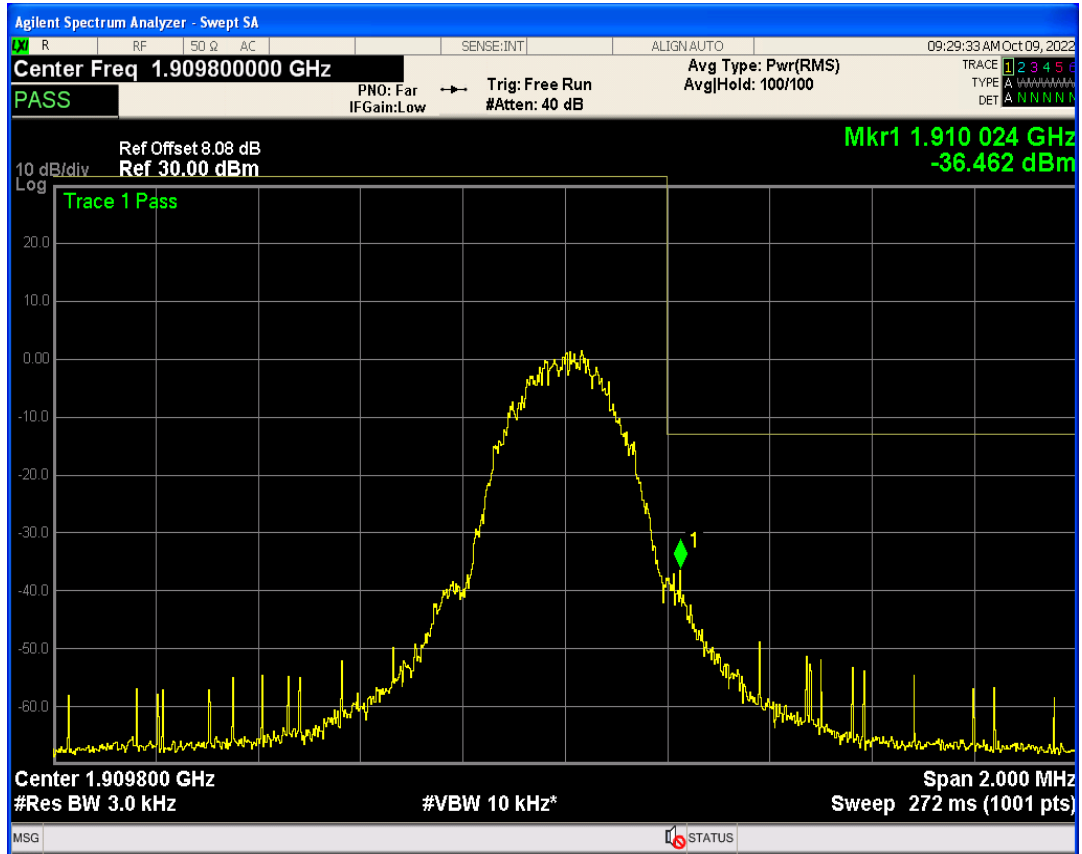
EGPRS850 Channel=189



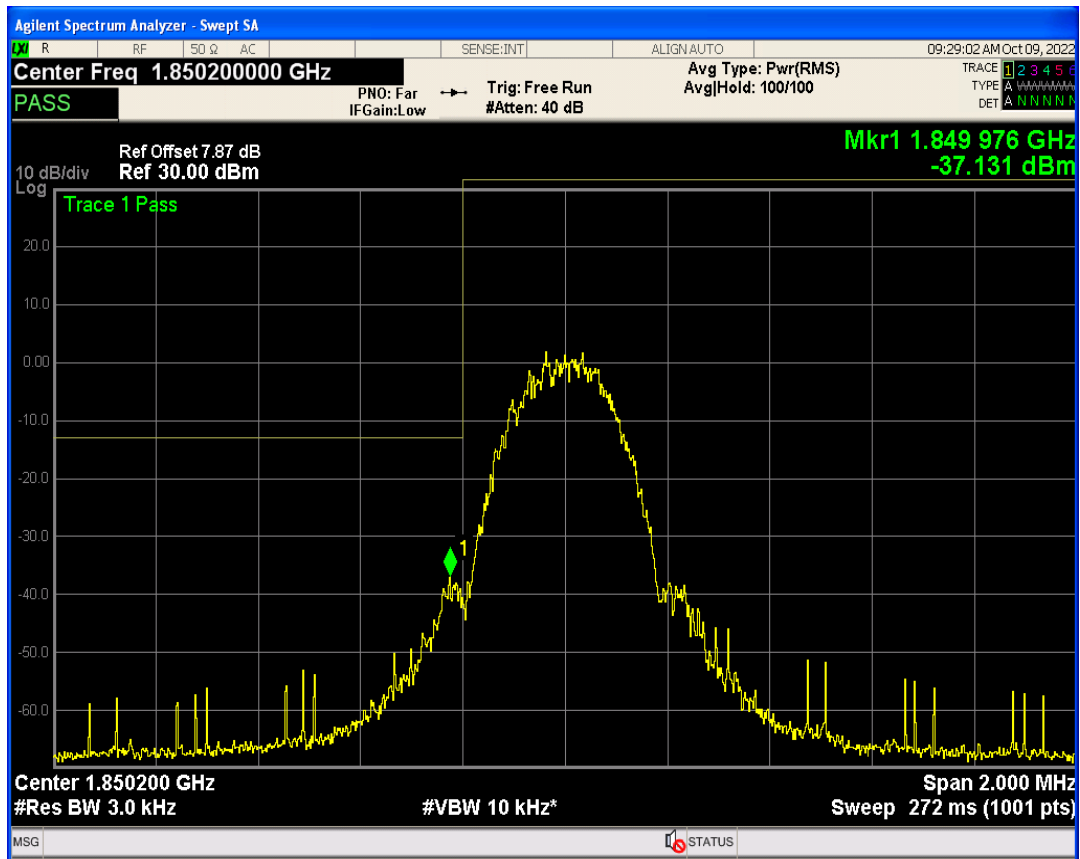
#### 4 Band edge

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1849.98         | -37.13           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.02         | -36.46           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.99          | -37.78           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.01          | -34.89           | -13         | PASS    |

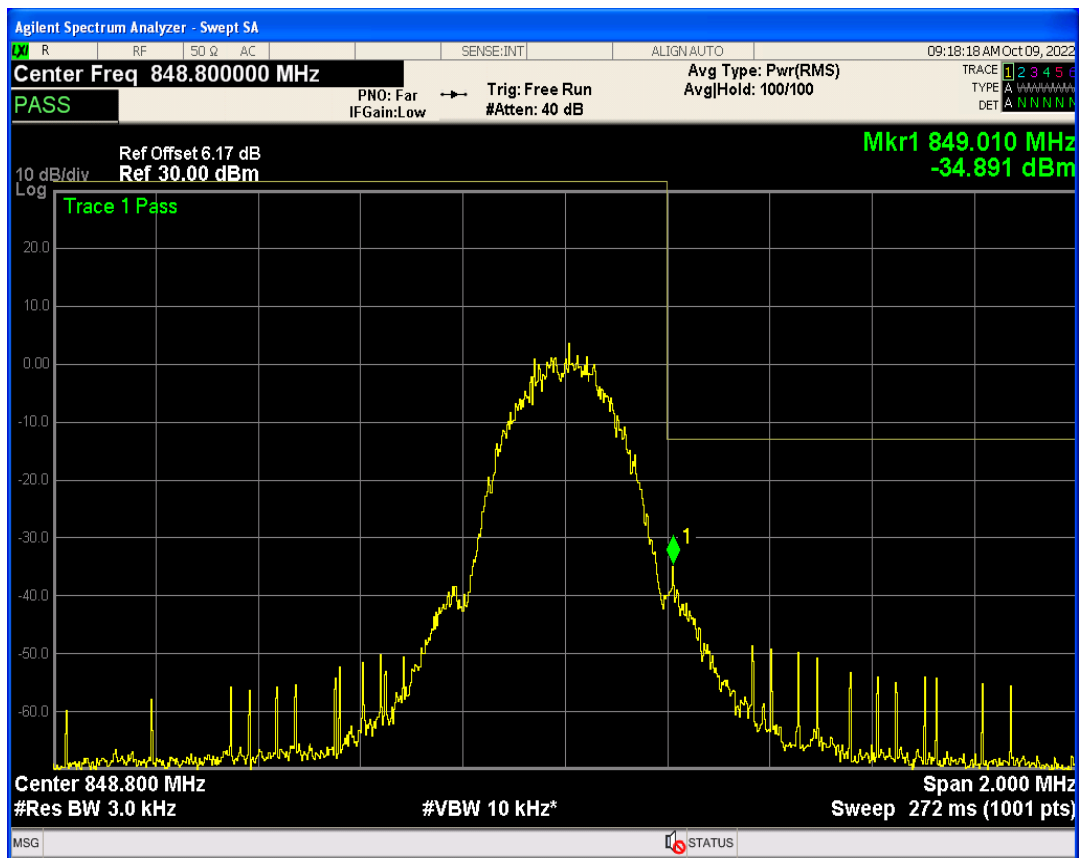
EGPRS1900 Channel=810



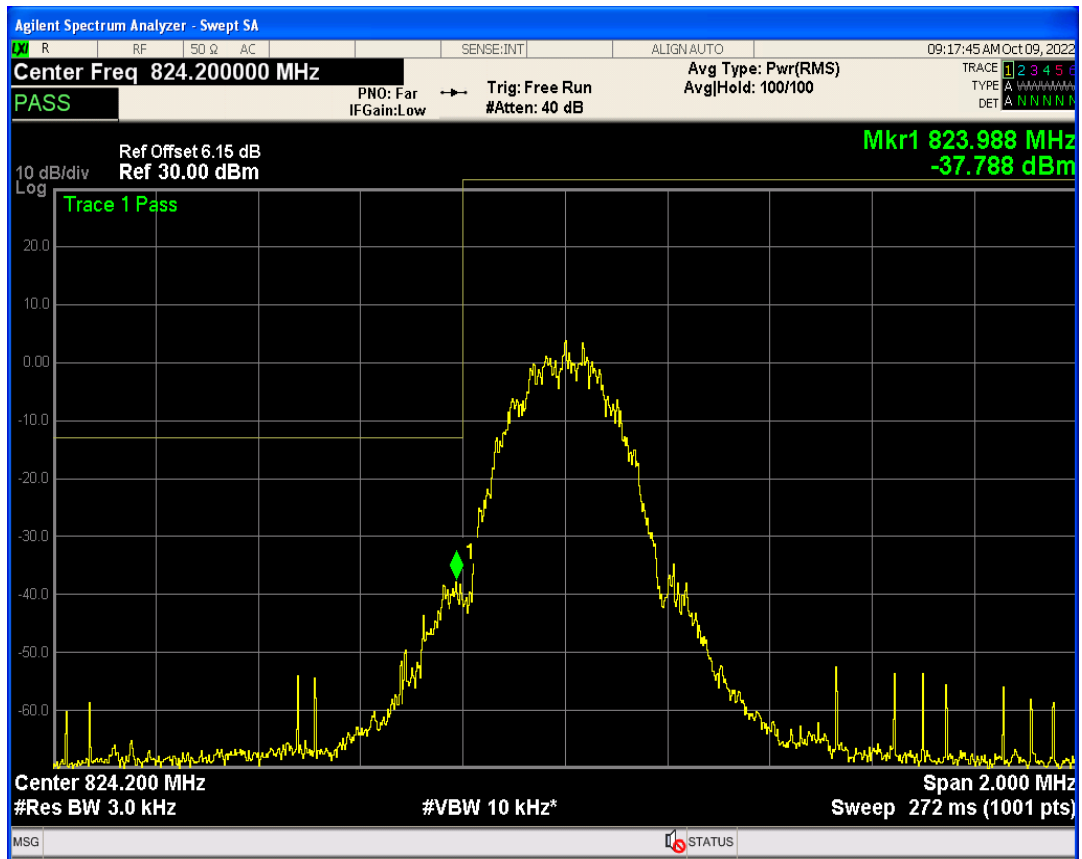
EGPRS1900 Channel=512



EGPRS850 Channel=251



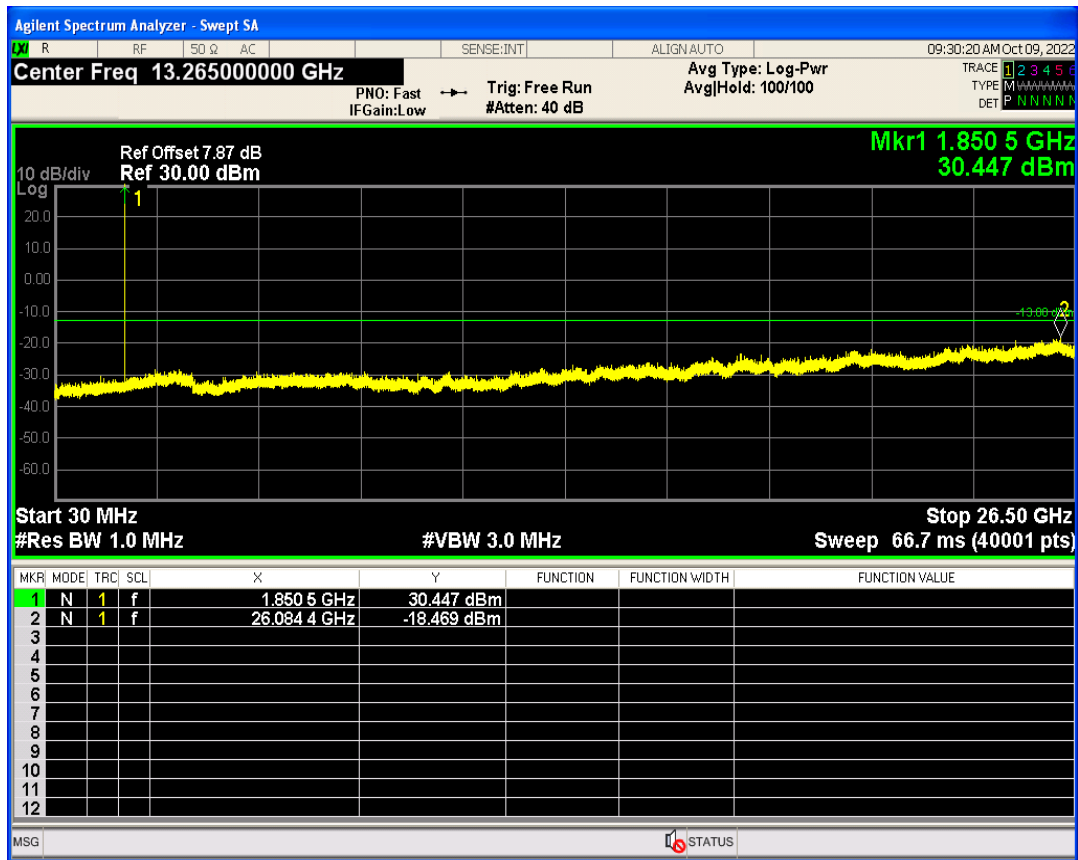
EGPRS850 Channel=128



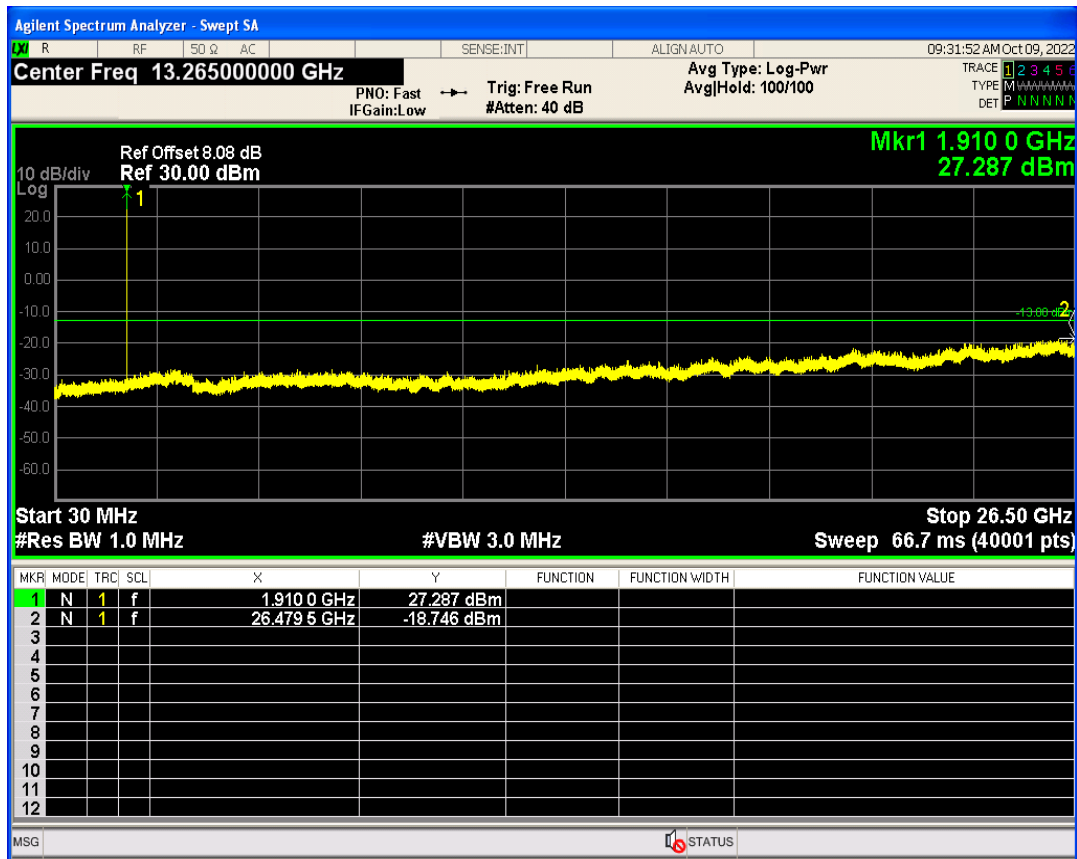
## 5 Out-of-band emissions

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 26084.42        | -18.46           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 25825.68        | -18.35           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 26479.49        | -18.74           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 25511.35        | -20.38           | -13         | PASS    |
| EGPRS850  | 189     | 836.4           | 26266.40        | -20.29           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 25889.87        | -19.70           | -13         | PASS    |

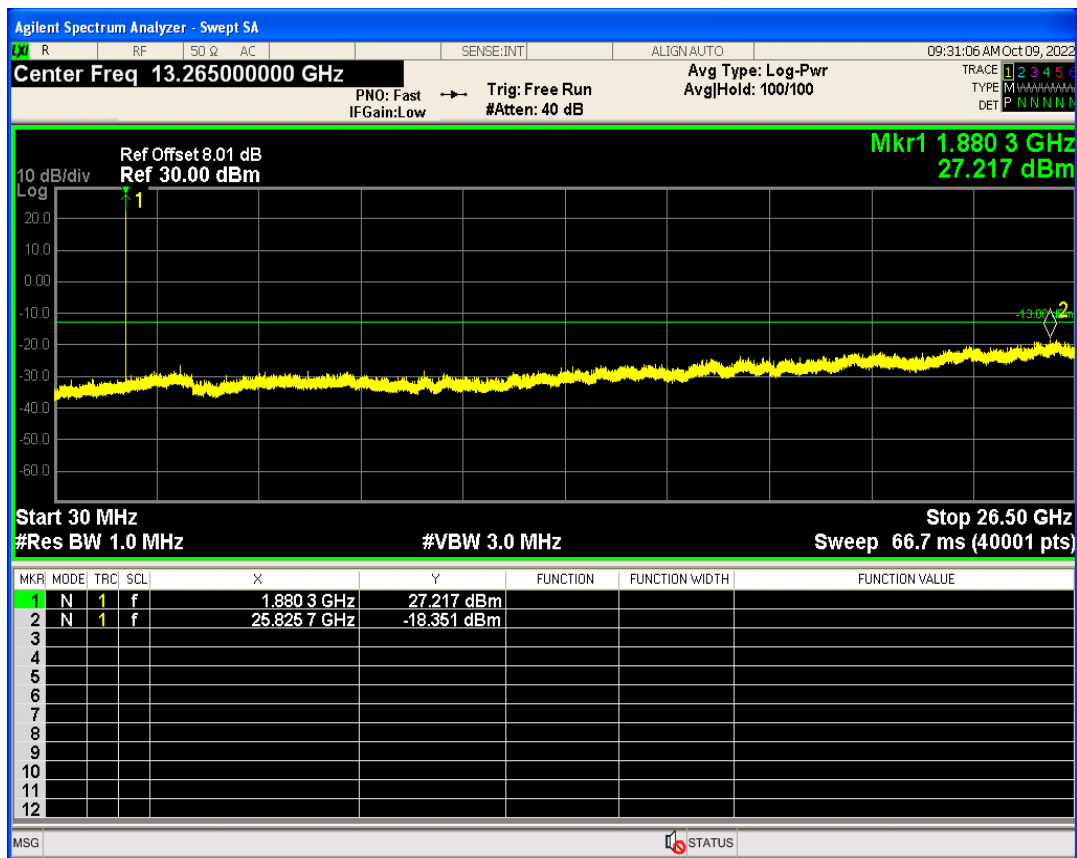
EGPRS1900 Channel=512



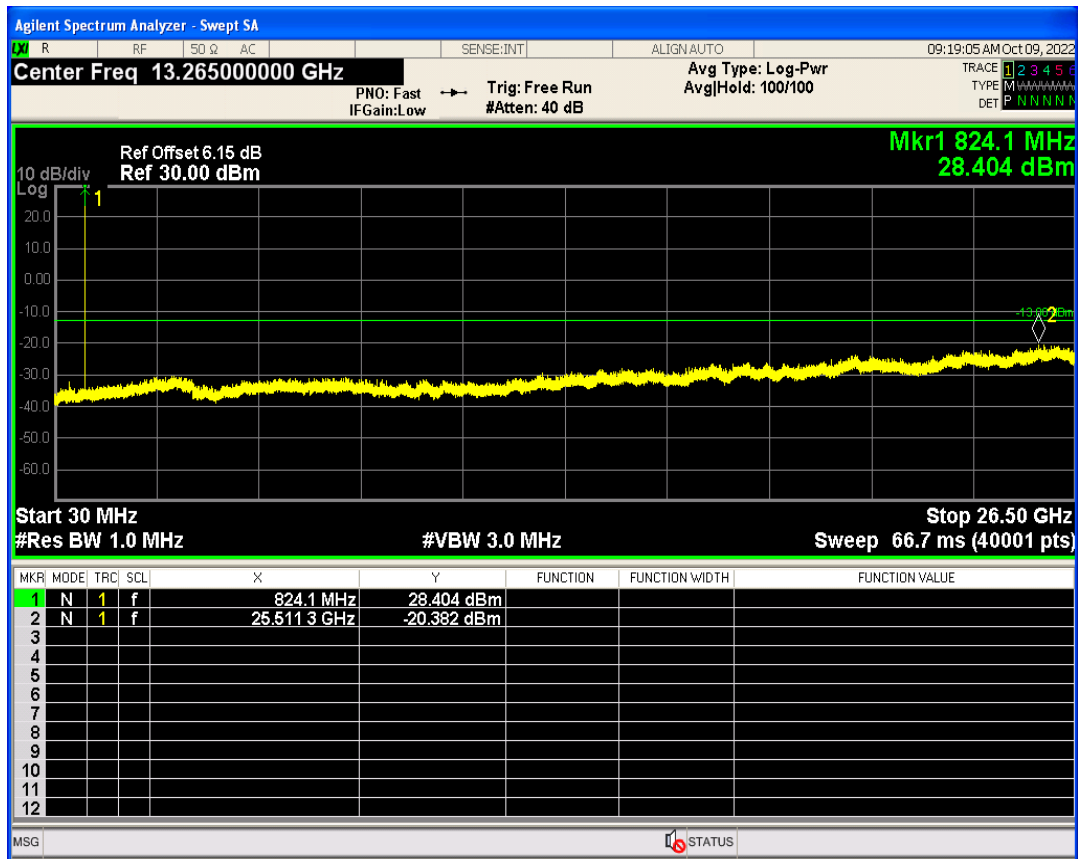
EGPRS1900 Channel=810



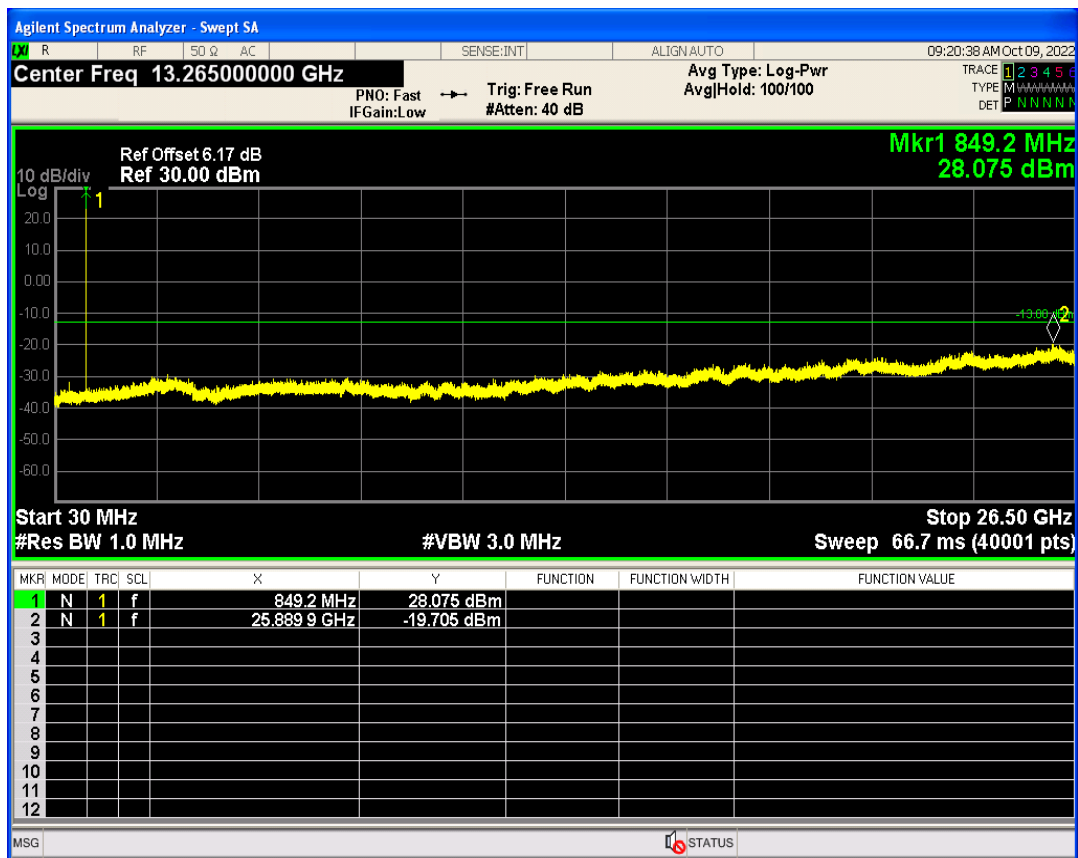
EGPRS1900 Channel=661



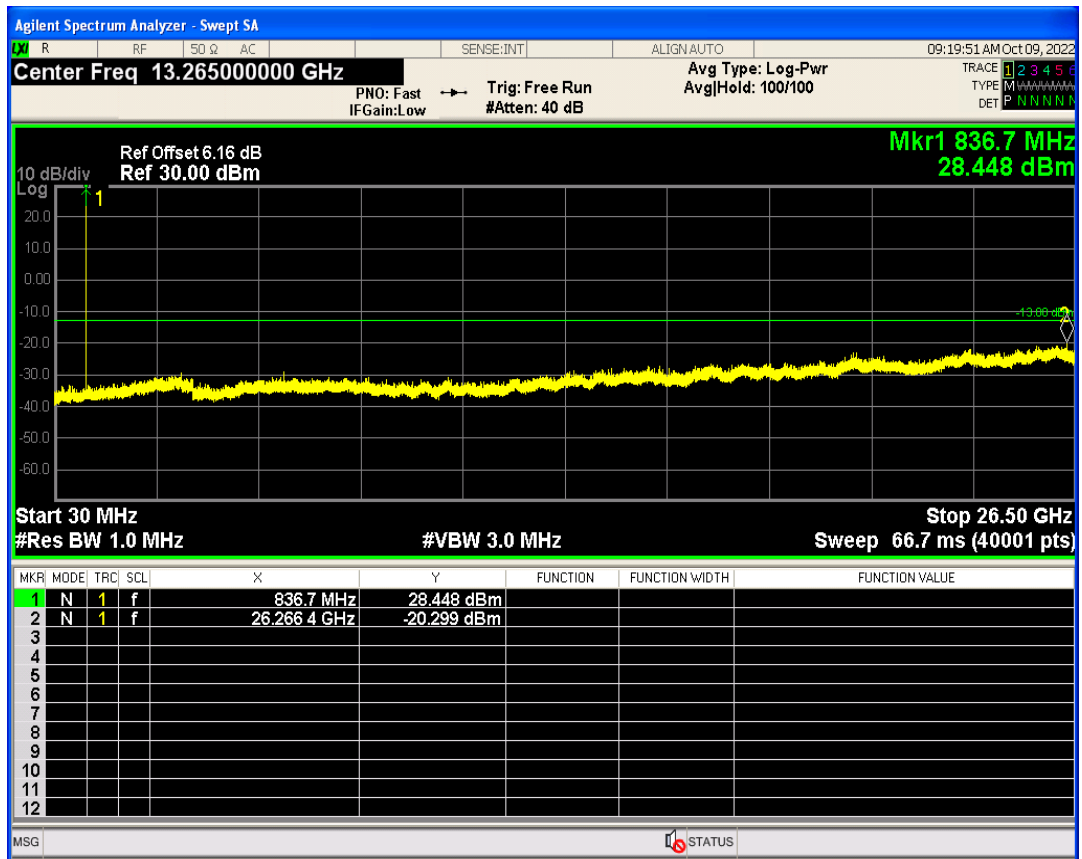
EGPRS850 Channel=128



EGPRS850 Channel=251



EGPRS850 Channel=189



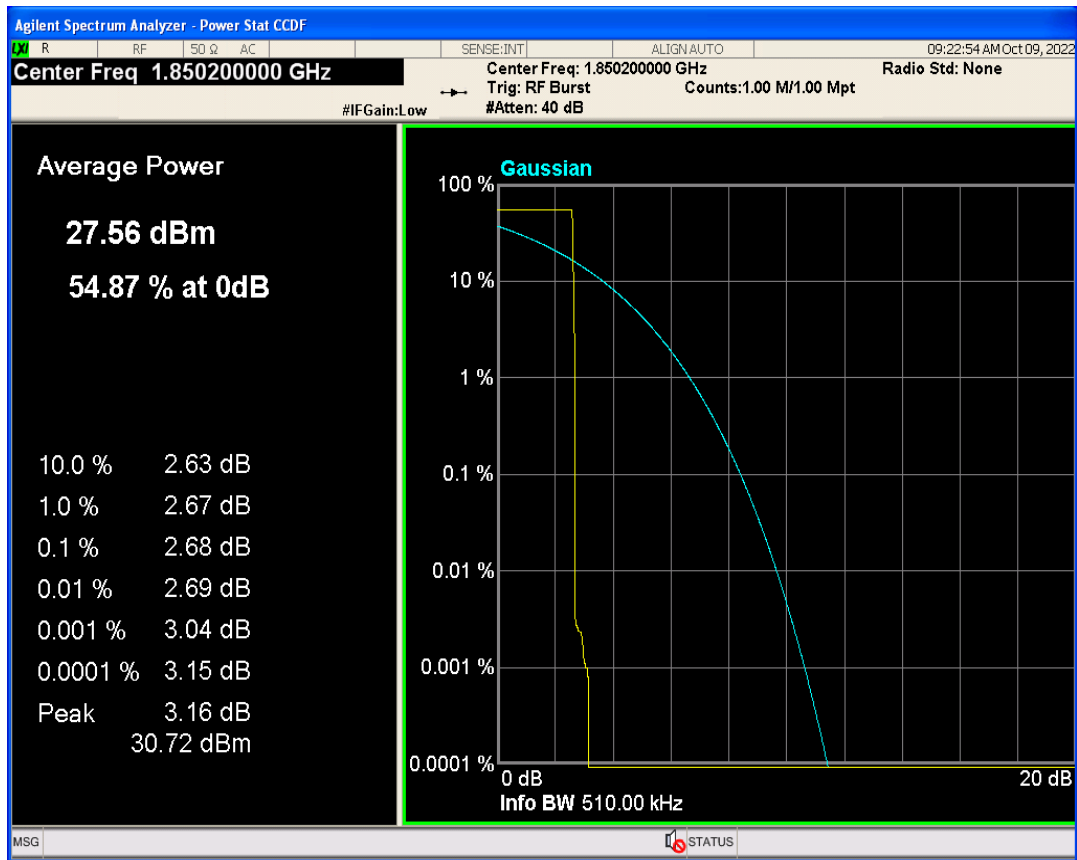
## 6 Conducted output power

| Band            | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|-----------------|---------|-----------------|-------------|---------|
| GPRS1900 1 Slot | 512     | 1850.2          | 28.88       | PASS    |
| GPRS1900 1 Slot | 661     | 1880            | 28.70       | PASS    |
| GPRS1900 1 Slot | 810     | 1909.8          | 28.68       | PASS    |
| GPRS1900 2 Slot | 512     | 1850.2          | 26.79       | PASS    |
| GPRS1900 2 Slot | 661     | 1880            | 26.44       | PASS    |
| GPRS1900 2 Slot | 810     | 1909.8          | 26.12       | PASS    |
| GPRS1900 3 Slot | 512     | 1850.2          | 25.17       | PASS    |
| GPRS1900 3 Slot | 661     | 1880            | 24.80       | PASS    |
| GPRS1900 3 Slot | 810     | 1909.8          | 24.43       | PASS    |
| GPRS1900 4 Slot | 512     | 1850.2          | 23.16       | PASS    |
| GPRS1900 4 Slot | 661     | 1880            | 22.78       | PASS    |
| GPRS1900 4 Slot | 810     | 1909.8          | 22.33       | PASS    |
| GPRS850 1 Slot  | 128     | 824.2           | 32.28       | PASS    |
| GPRS850 1 Slot  | 189     | 836.4           | 32.03       | PASS    |
| GPRS850 1 Slot  | 251     | 848.8           | 32.02       | PASS    |
| GPRS850 2 Slot  | 128     | 824.2           | 30.29       | PASS    |
| GPRS850 2 Slot  | 189     | 836.4           | 30.02       | PASS    |
| GPRS850 2 Slot  | 251     | 848.8           | 29.96       | PASS    |
| GPRS850 3 Slot  | 128     | 824.2           | 28.28       | PASS    |
| GPRS850 3 Slot  | 189     | 836.4           | 28.04       | PASS    |
| GPRS850 3 Slot  | 251     | 848.8           | 28.00       | PASS    |
| GPRS850 4 Slot  | 128     | 824.2           | 26.18       | PASS    |
| GPRS850 4 Slot  | 189     | 836.4           | 25.96       | PASS    |
| GPRS850 4 Slot  | 251     | 848.8           | 25.93       | PASS    |

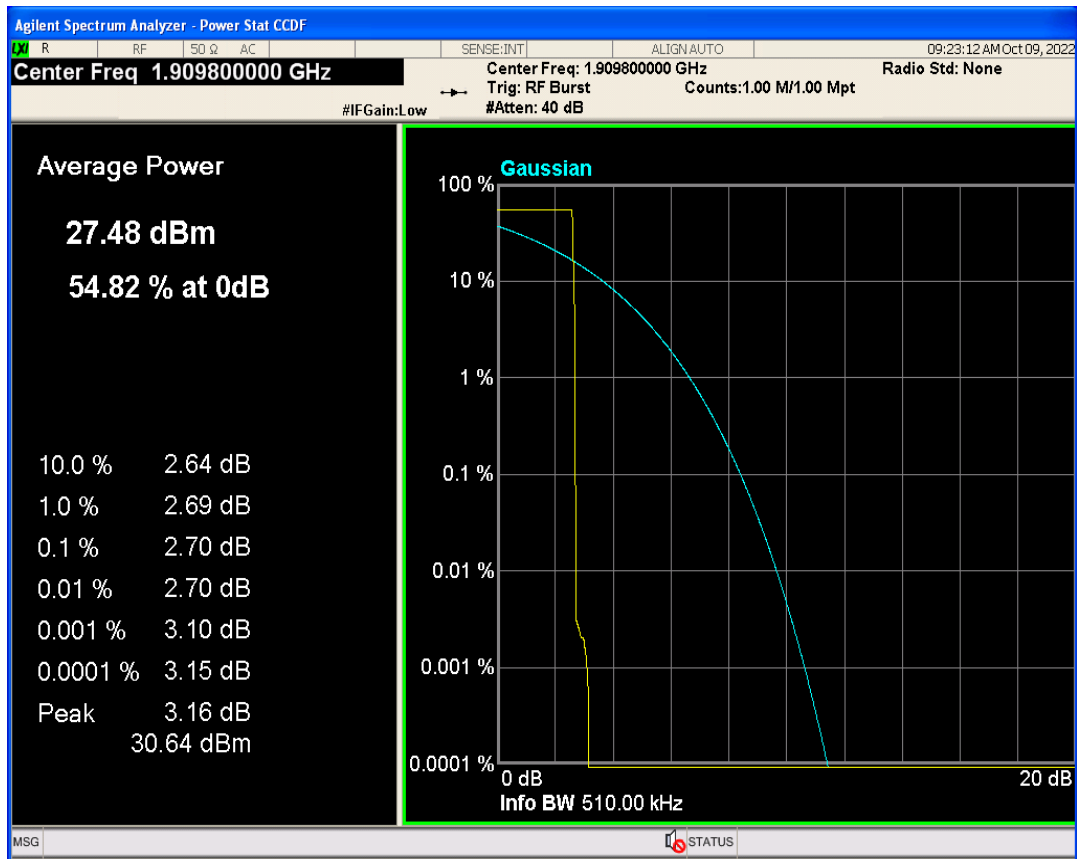
## 7 Peak-to-Average Ratio

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.678998728 | 13.00           | PASS    |
| GPRS1900 | 661     | 1880            | 2.706650857 | 13.00           | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.697730325 | 13.00           | PASS    |
| GPRS850  | 128     | 824.2           | 2.669354678 | 13.00           | PASS    |
| GPRS850  | 189     | 836.4           | 2.668440315 | 13.00           | PASS    |
| GPRS850  | 251     | 848.8           | 2.660722892 | 13.00           | PASS    |

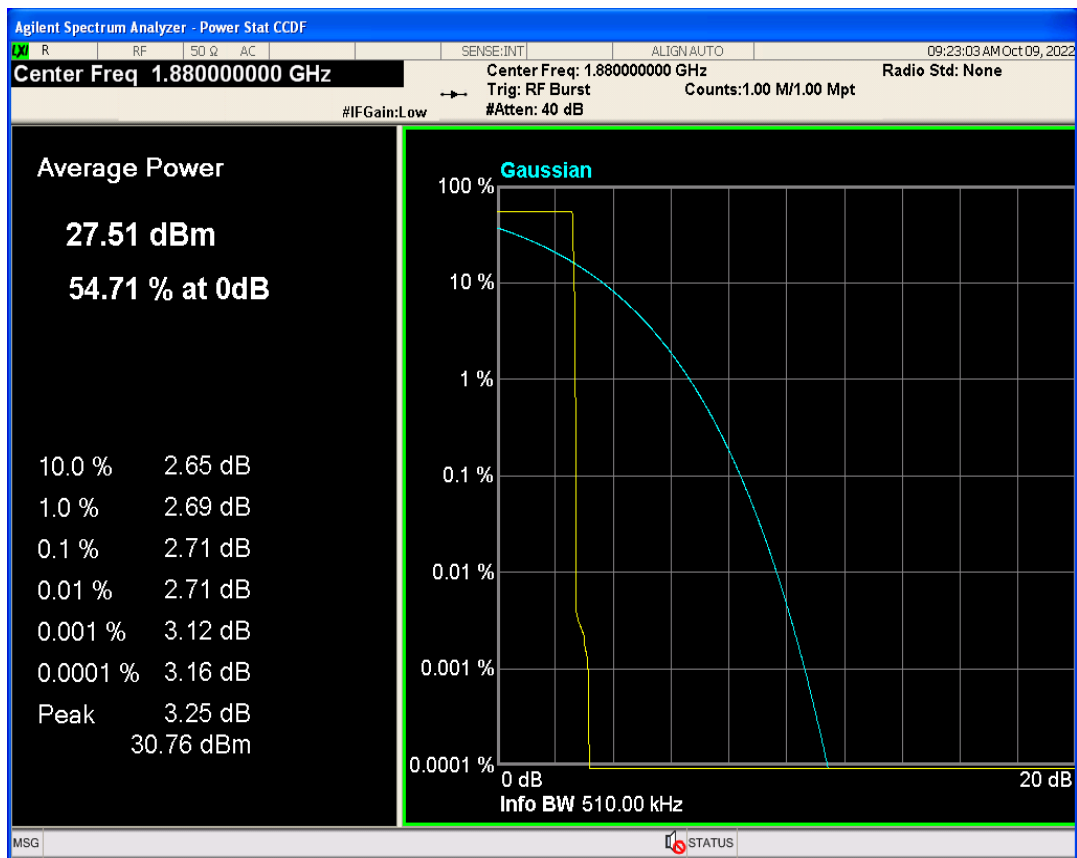
GPRS1900 Channel=512



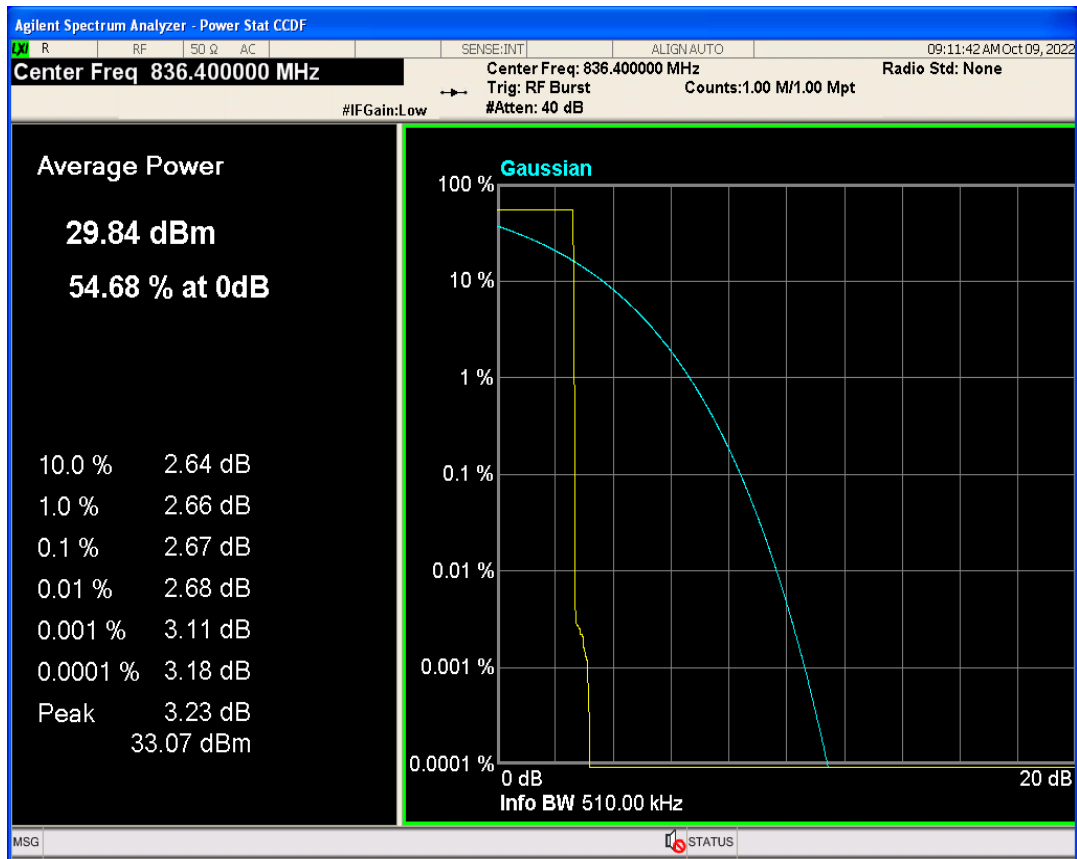
GPRS1900 Channel=810



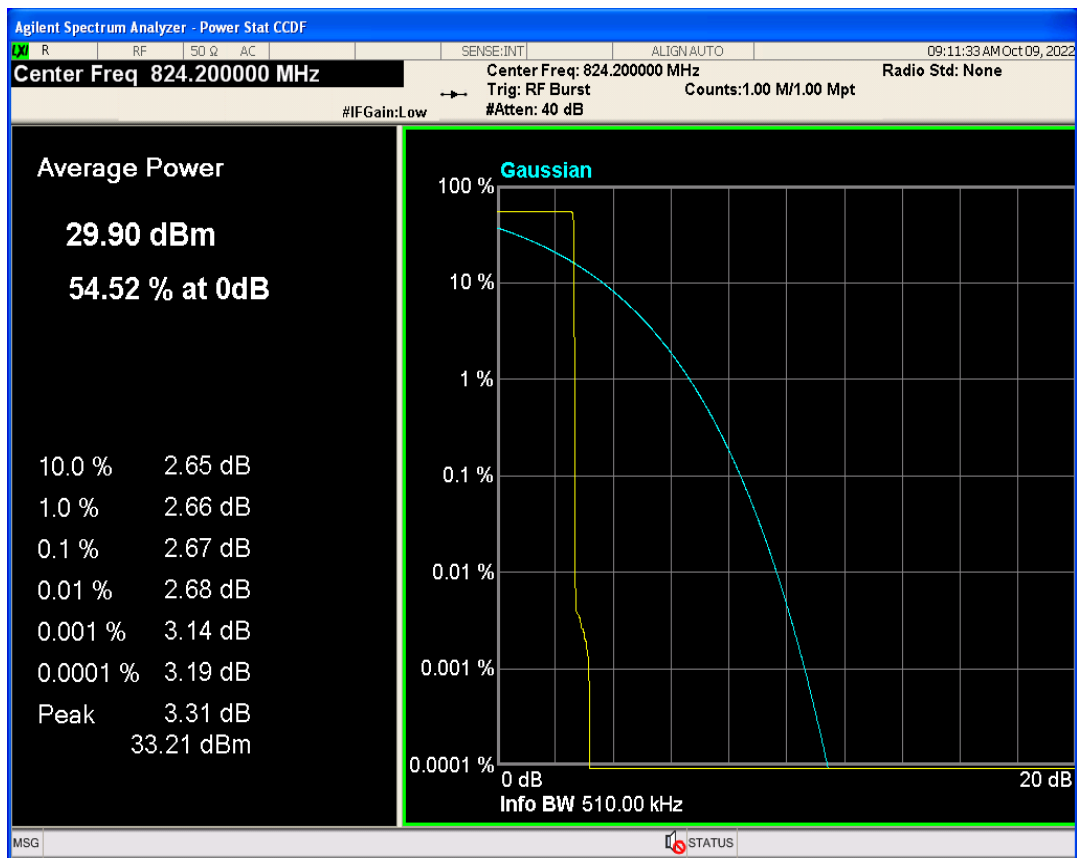
GPRS1900 Channel=661



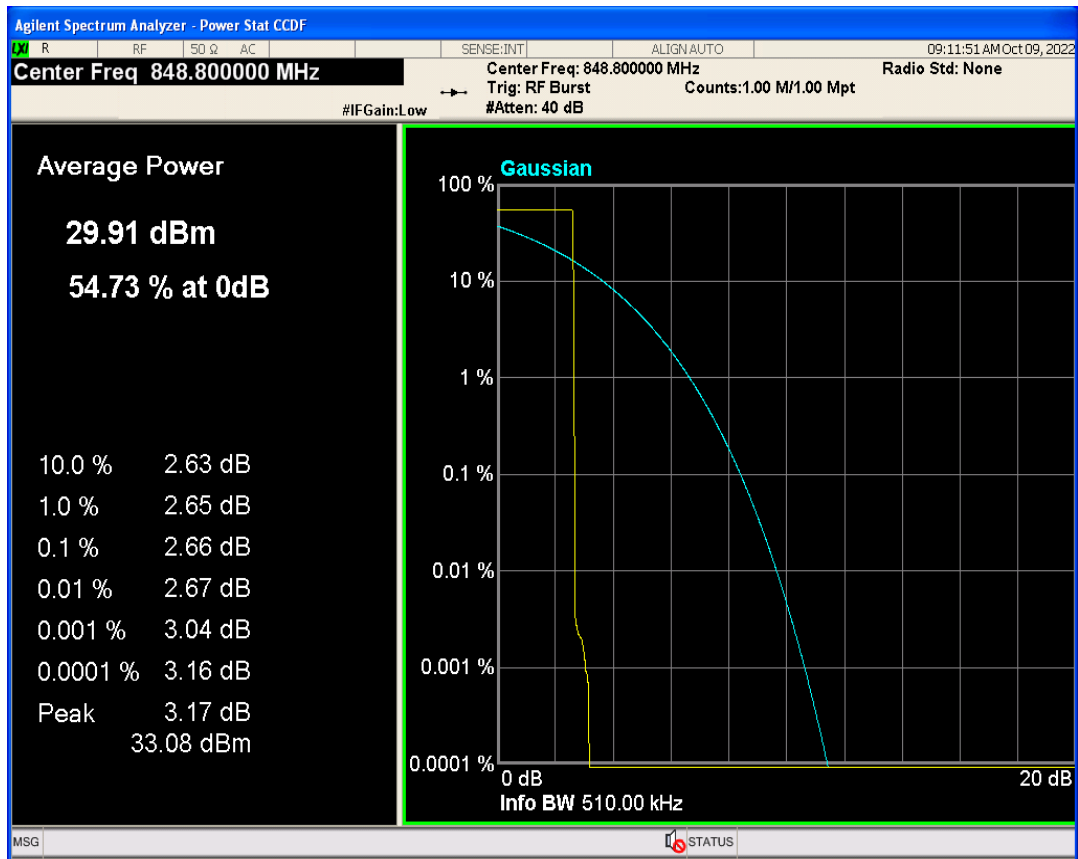
GPRS850 Channel=189



GPRS850 Channel=128



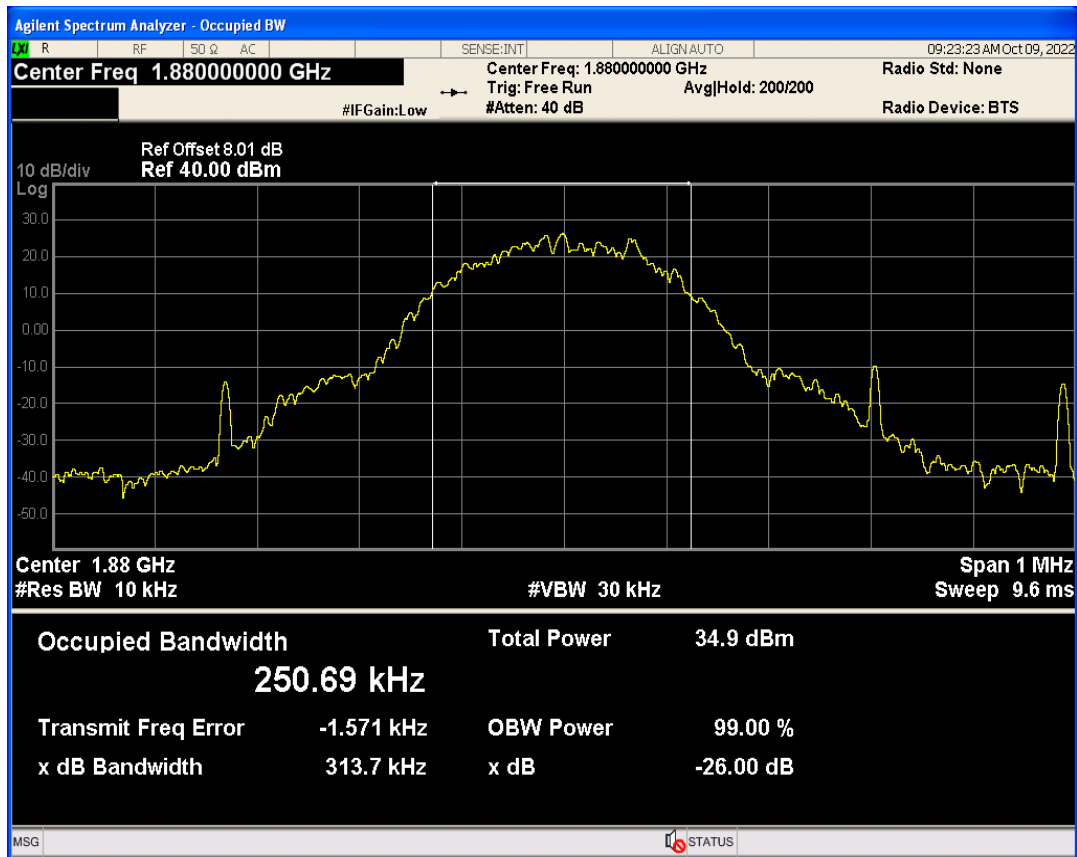
GPRS850 Channel=251



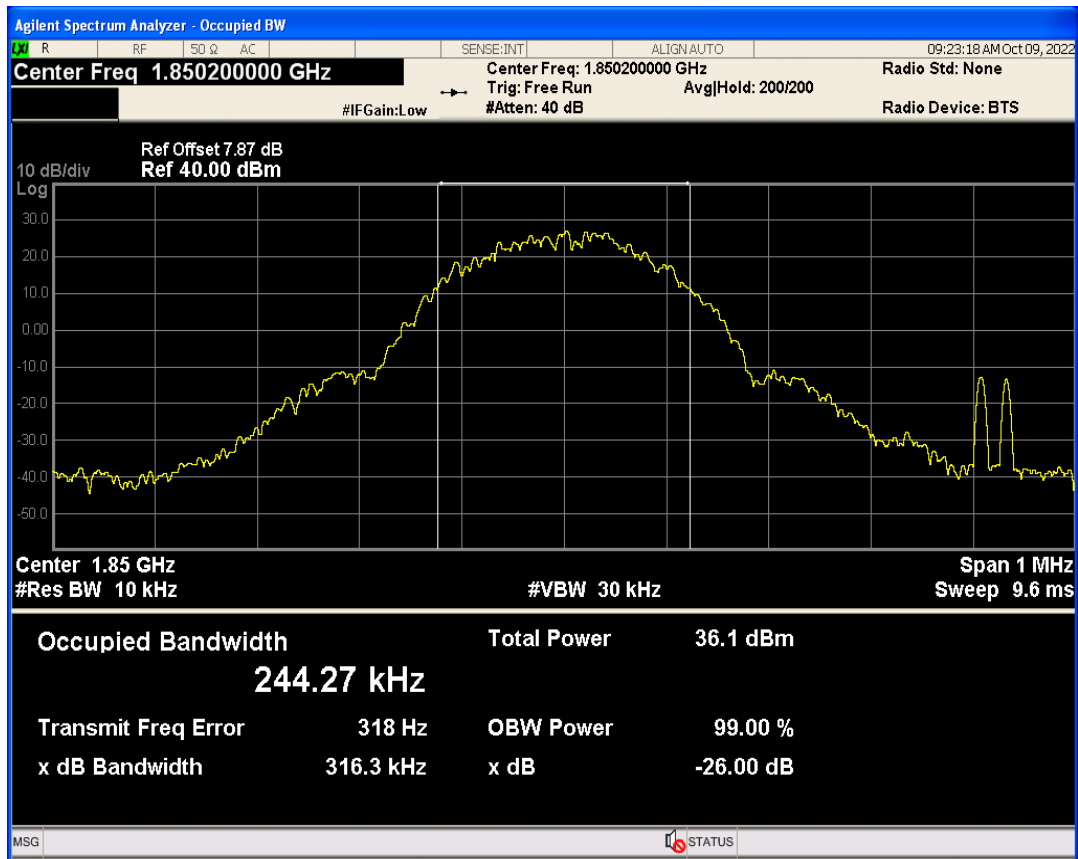
## 8 Occupied bandwidth

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 244.271       | 316.267         | PASS    |
| GPRS1900 | 661     | 1880            | 250.687       | 313.714         | PASS    |
| GPRS1900 | 810     | 1909.8          | 241.934       | 316.961         | PASS    |
| GPRS850  | 128     | 824.2           | 239.375       | 311.264         | PASS    |
| GPRS850  | 189     | 836.4           | 243.077       | 312.193         | PASS    |
| GPRS850  | 251     | 848.8           | 244.203       | 314.902         | PASS    |

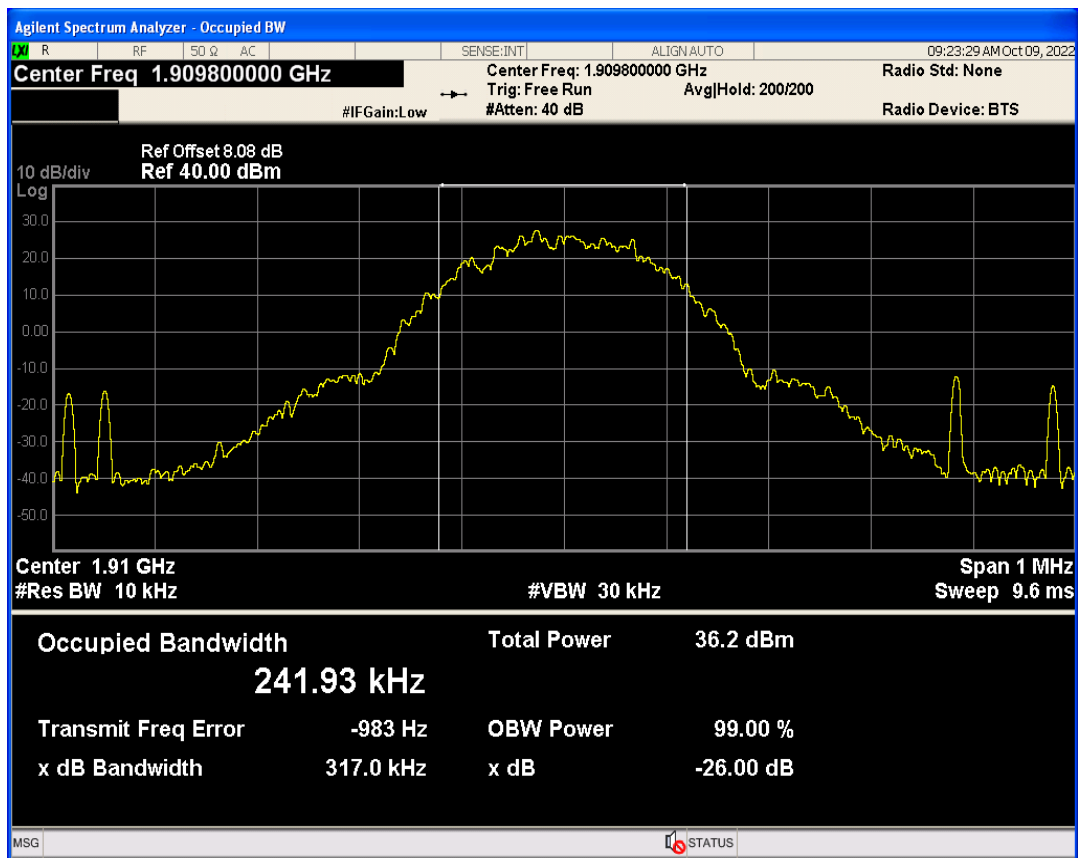
GPRS1900 Channel=661



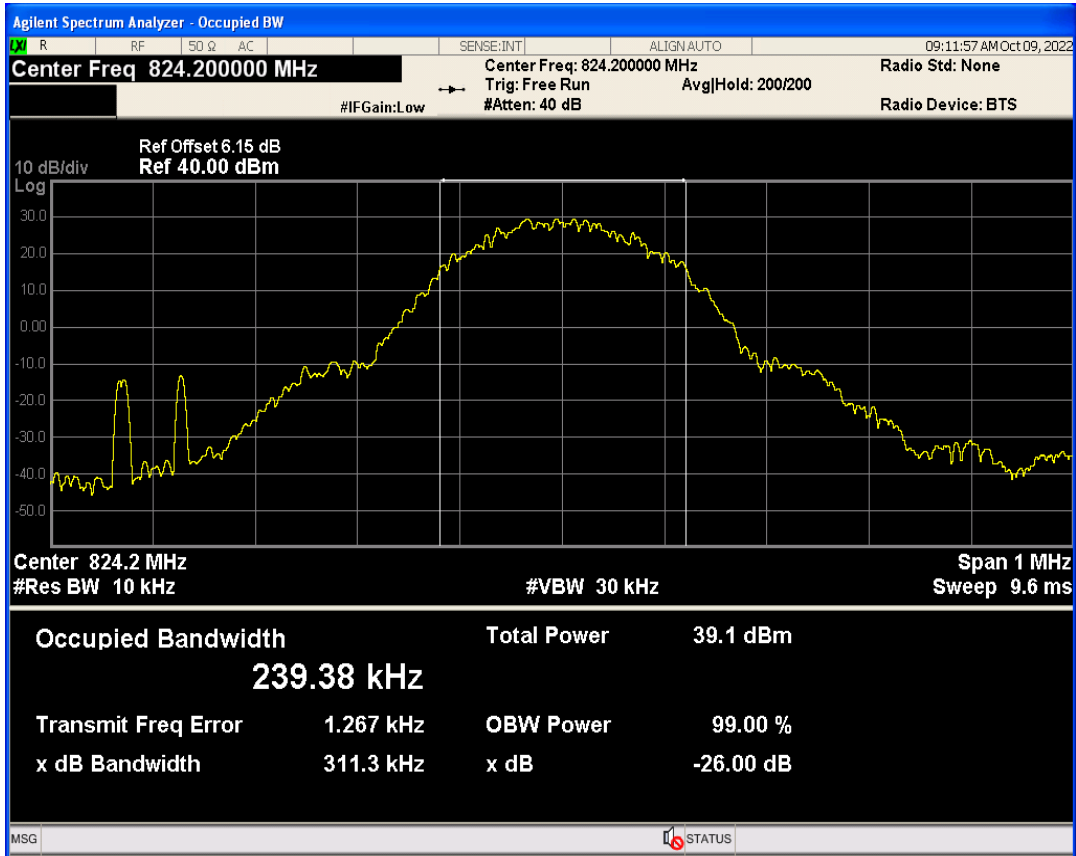
GPRS1900 Channel=512



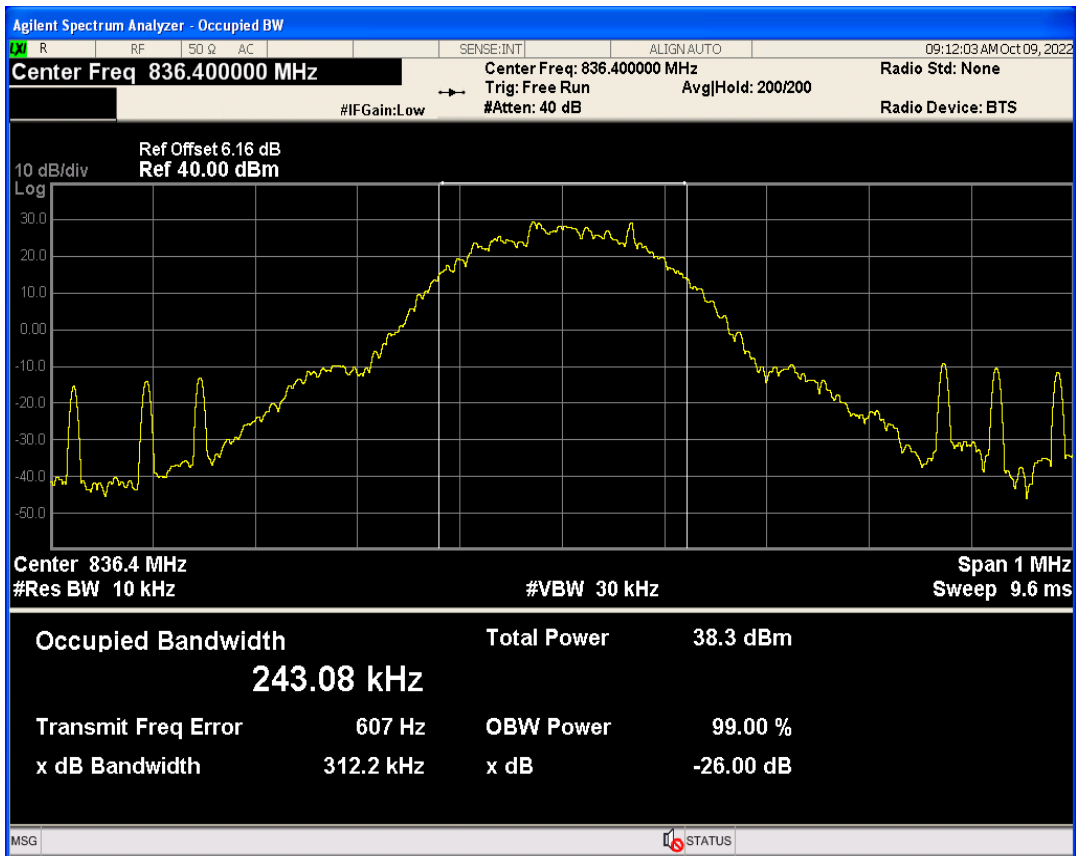
GPRS1900 Channel=810



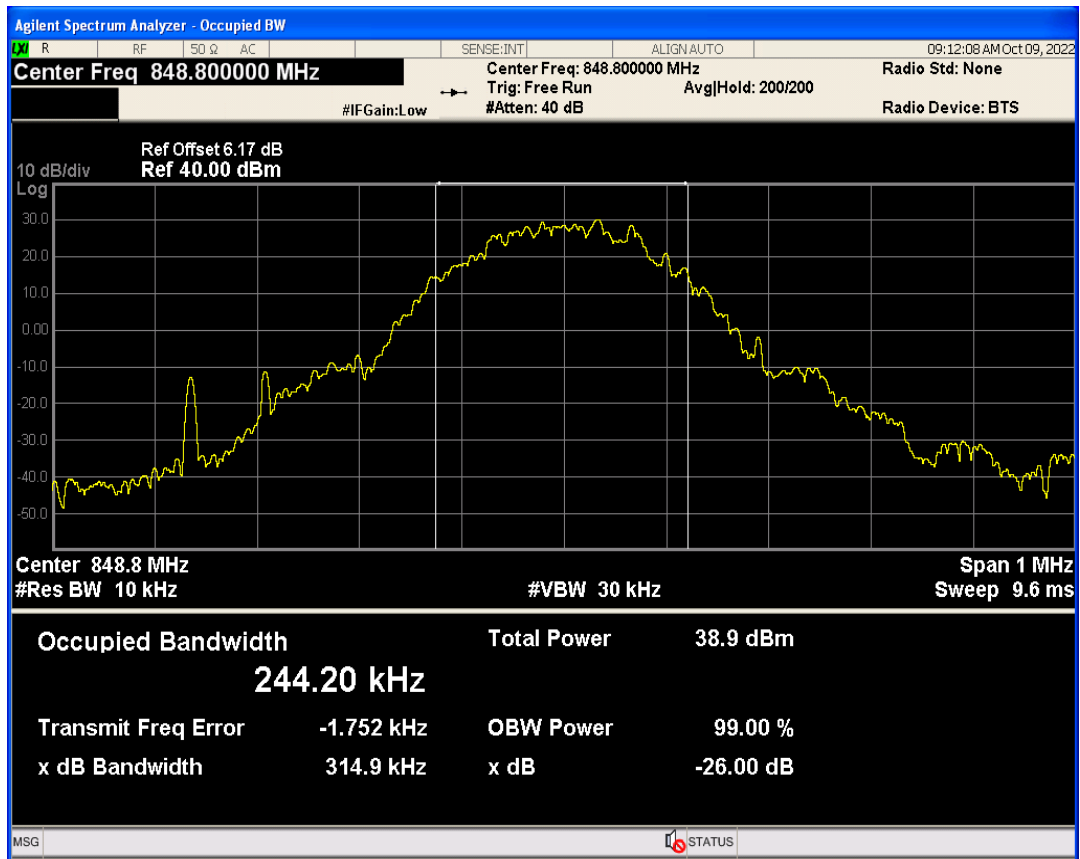
GPRS850 Channel=128



GPRS850 Channel=189



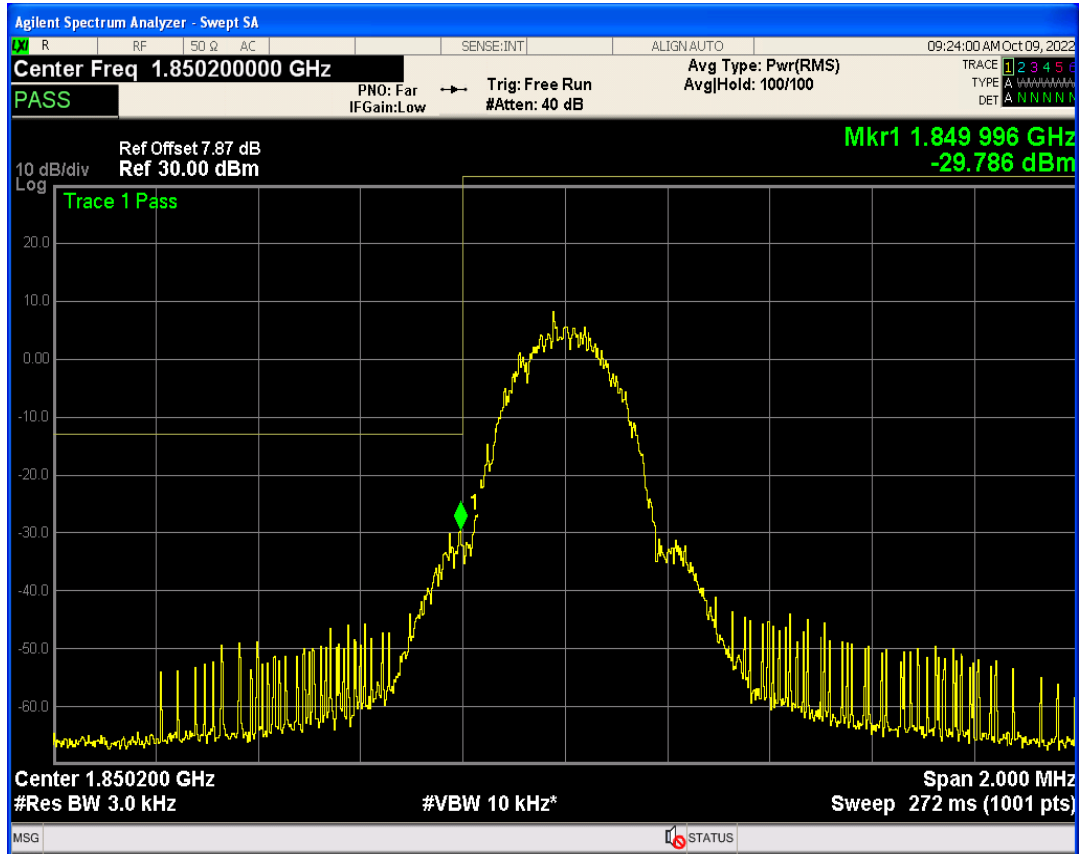
GPRS850 Channel=251



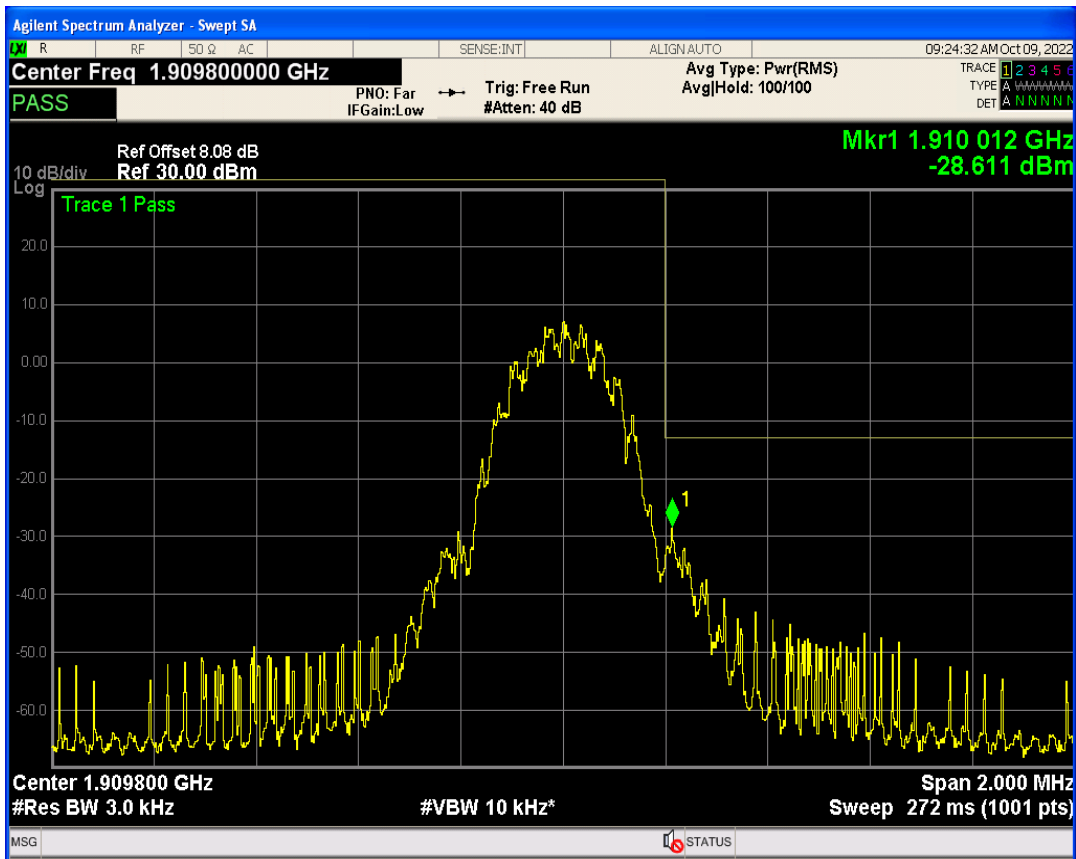
## 9 Band edge

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1850.00         | -29.78           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.01         | -28.61           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 823.98          | -27.59           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.01          | -28.99           | -13         | PASS    |

GPRS1900 Channel=512



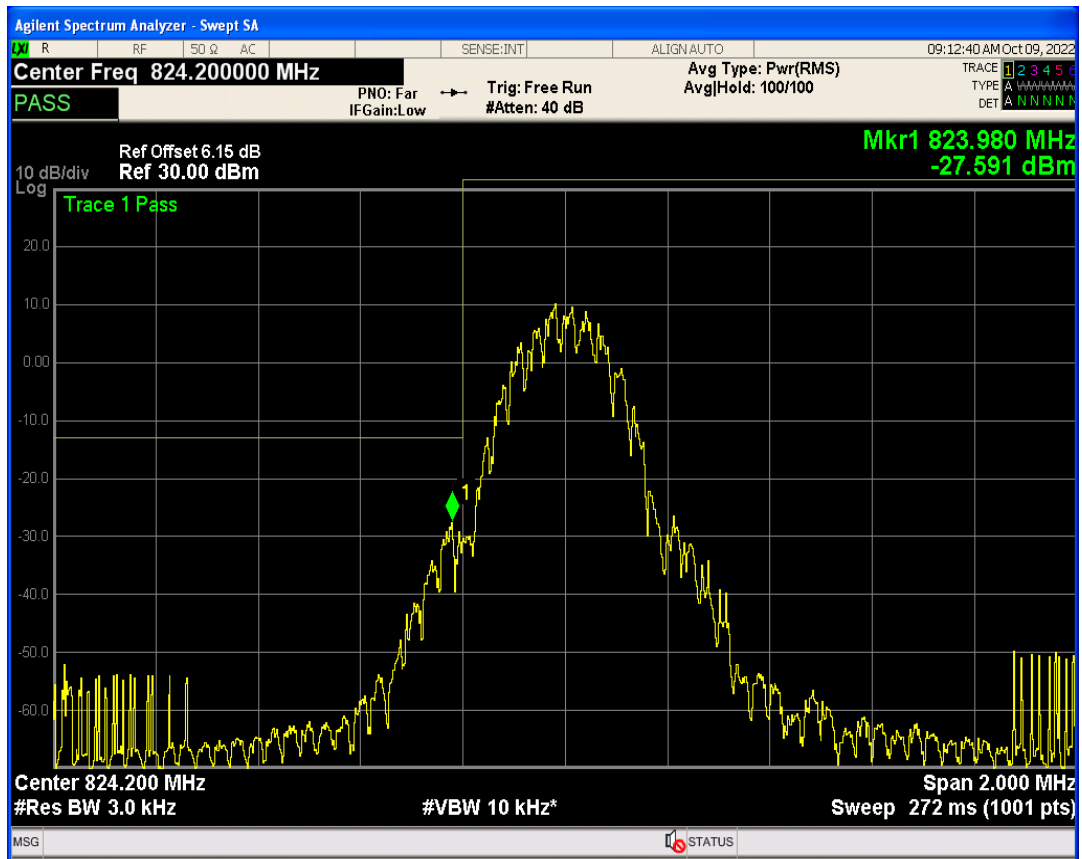
GPRS1900 Channel=810



GPRS850 Channel=251



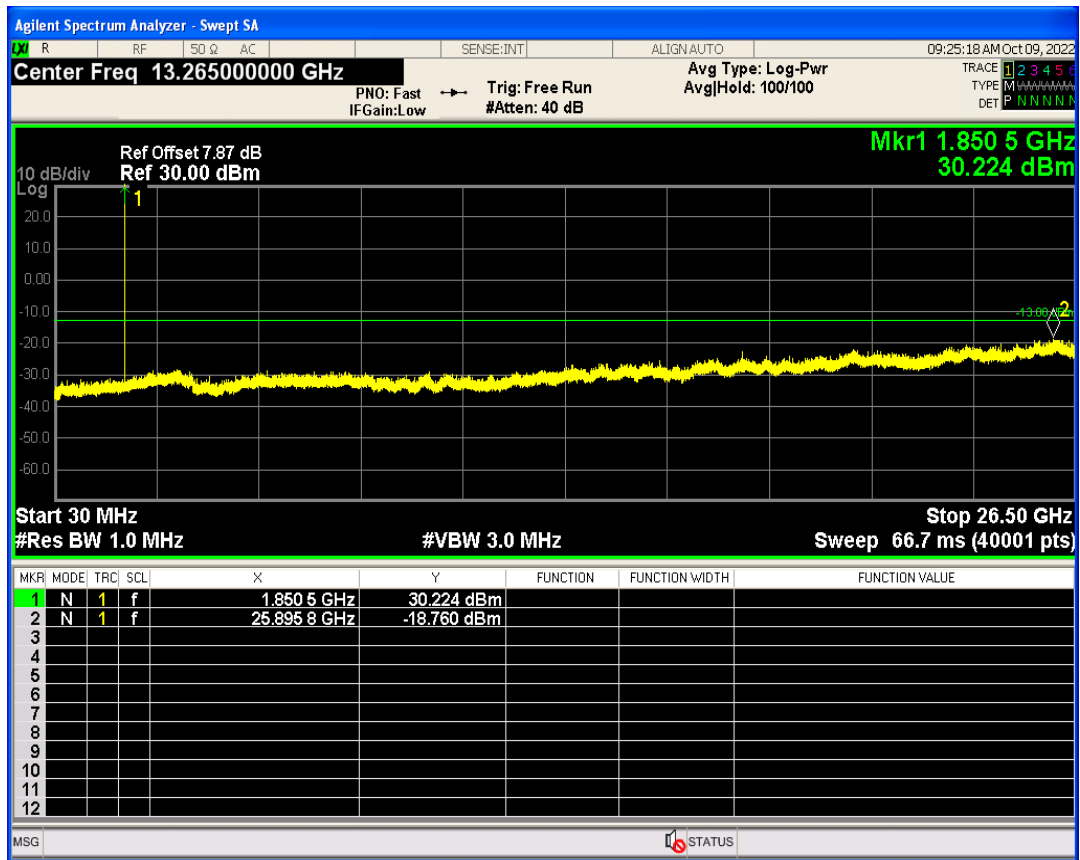
GPRS850 Channel=128



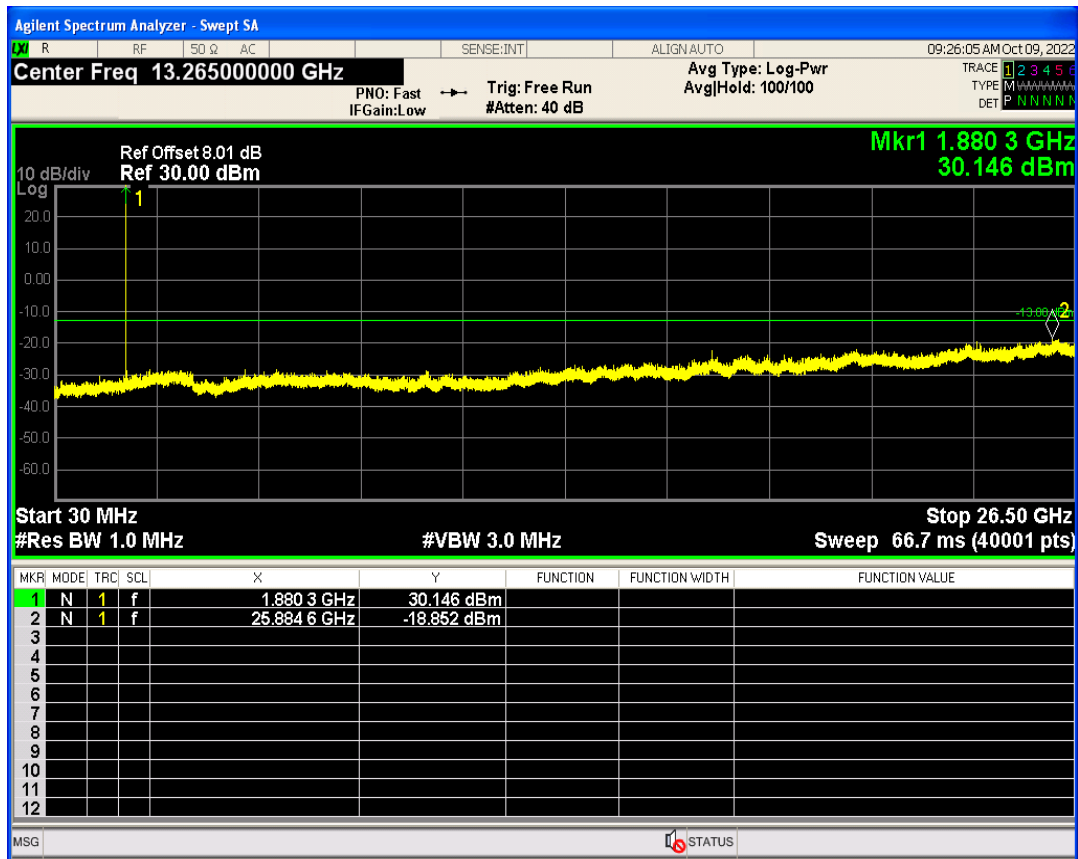
## 10 Out-of-band emissions

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 25895.82        | -18.75           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 25884.57        | -18.85           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 25543.11        | -18.12           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 814.17          | -14.52           | -13         | PASS    |
| GPRS850  | 189     | 836.4           | 25555.02        | -20.80           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 25941.48        | -20.46           | -13         | PASS    |

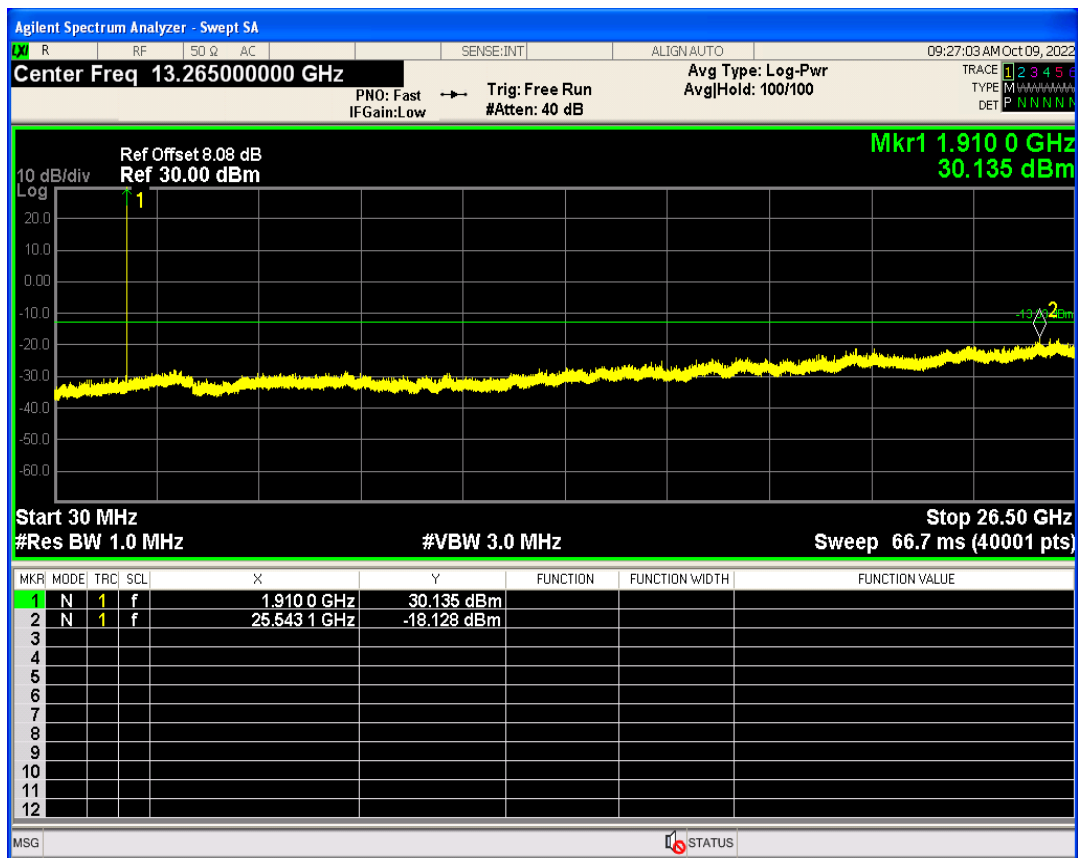
GPRS1900 Channel=512



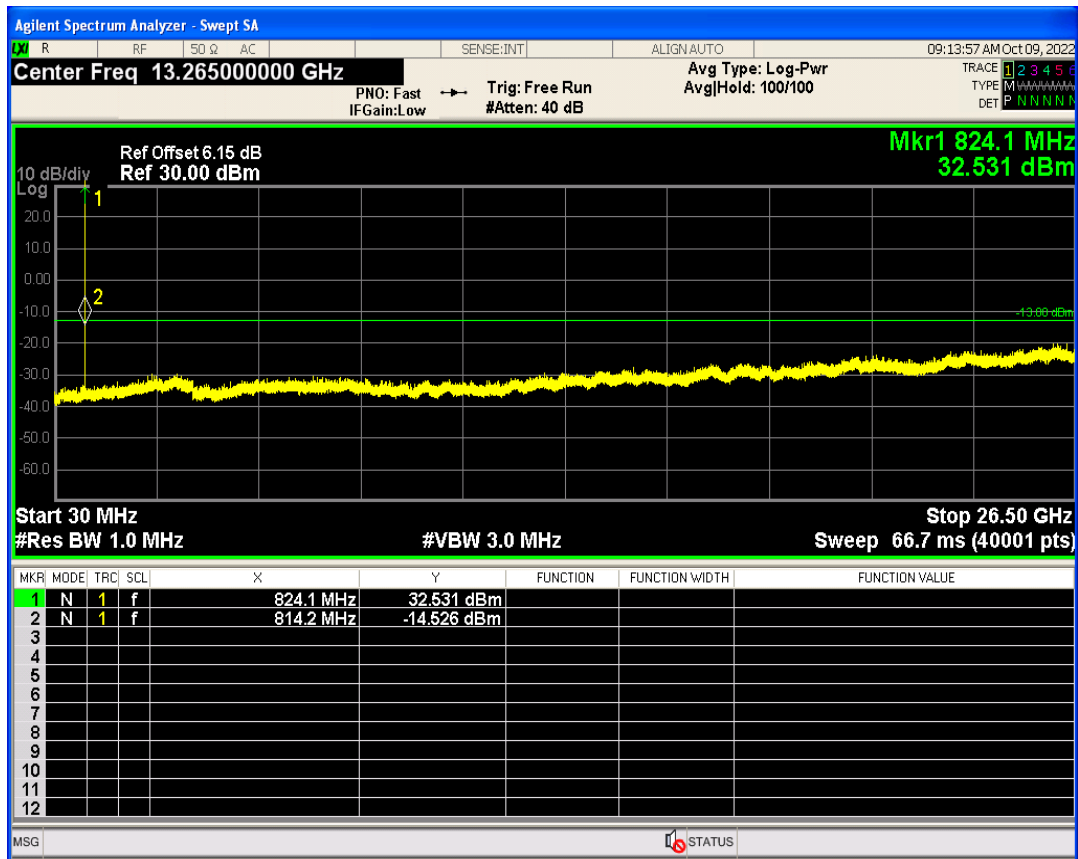
GPRS1900 Channel=661



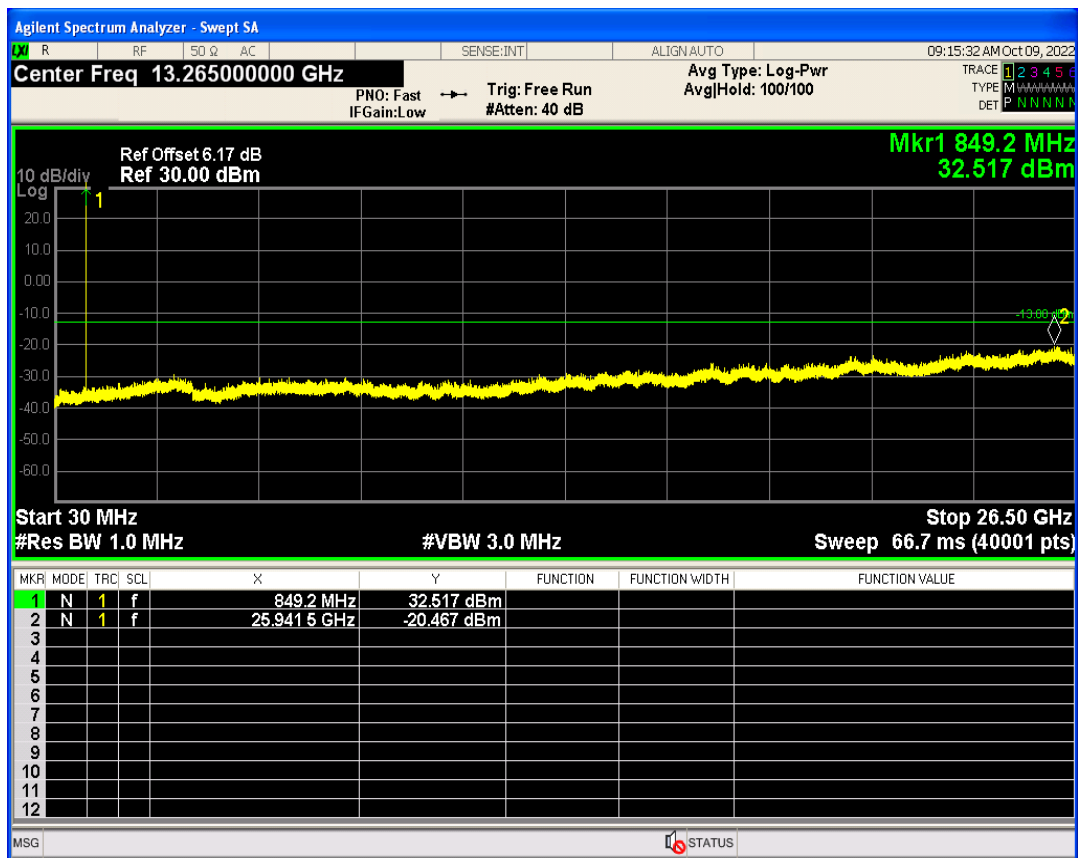
GPRS1900 Channel=810



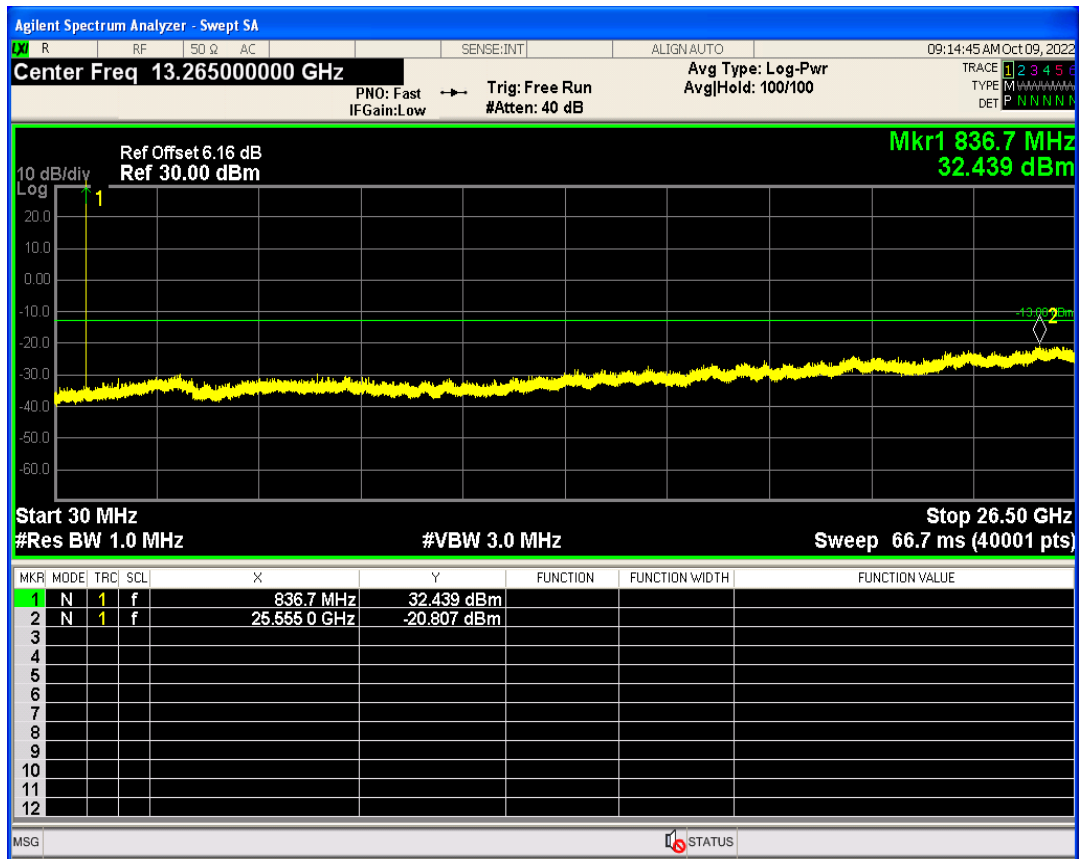
GPRS850 Channel=128



GPRS850 Channel=251



GPRS850 Channel=189



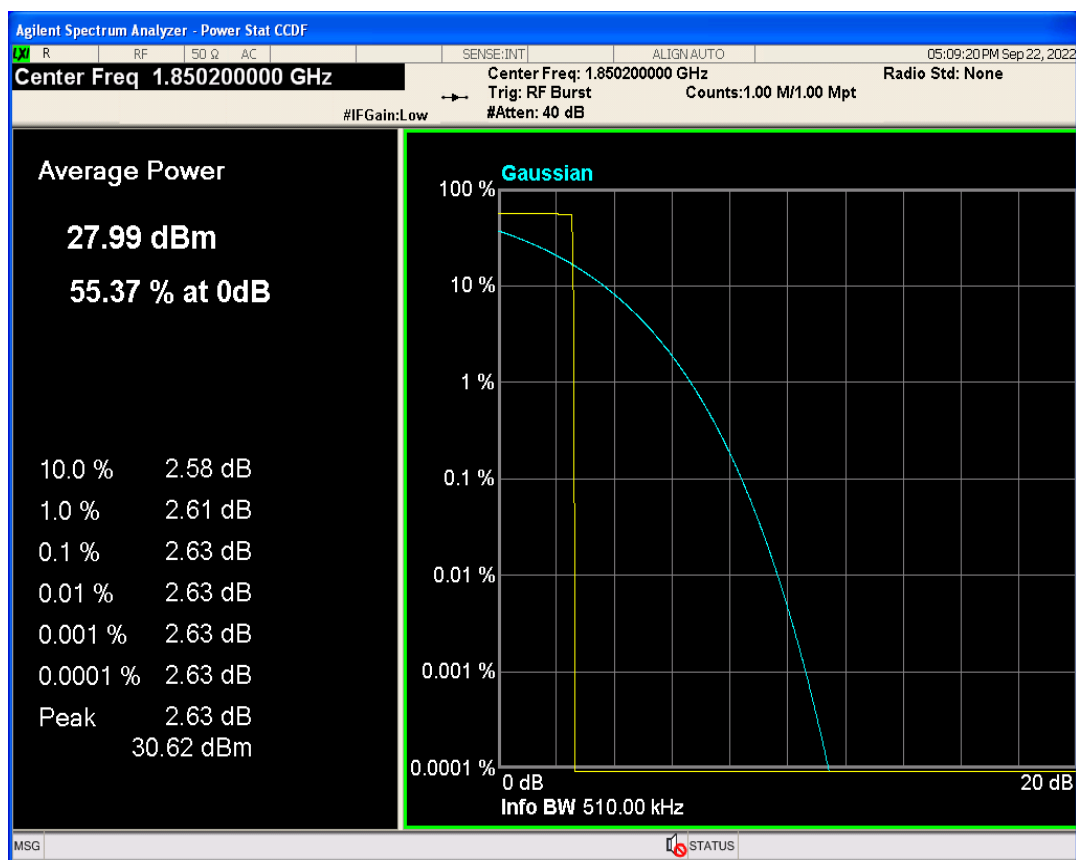
## 11 Conducted output power

| Band    | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|---------|---------|-----------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 30.27       | PASS    |
| GSM1900 | 661     | 1880            | 30.18       | PASS    |
| GSM1900 | 810     | 1909.8          | 30.17       | PASS    |
| GSM850  | 128     | 824.2           | 33.74       | PASS    |
| GSM850  | 189     | 836.4           | 33.54       | PASS    |
| GSM850  | 251     | 848.8           | 33.50       | PASS    |

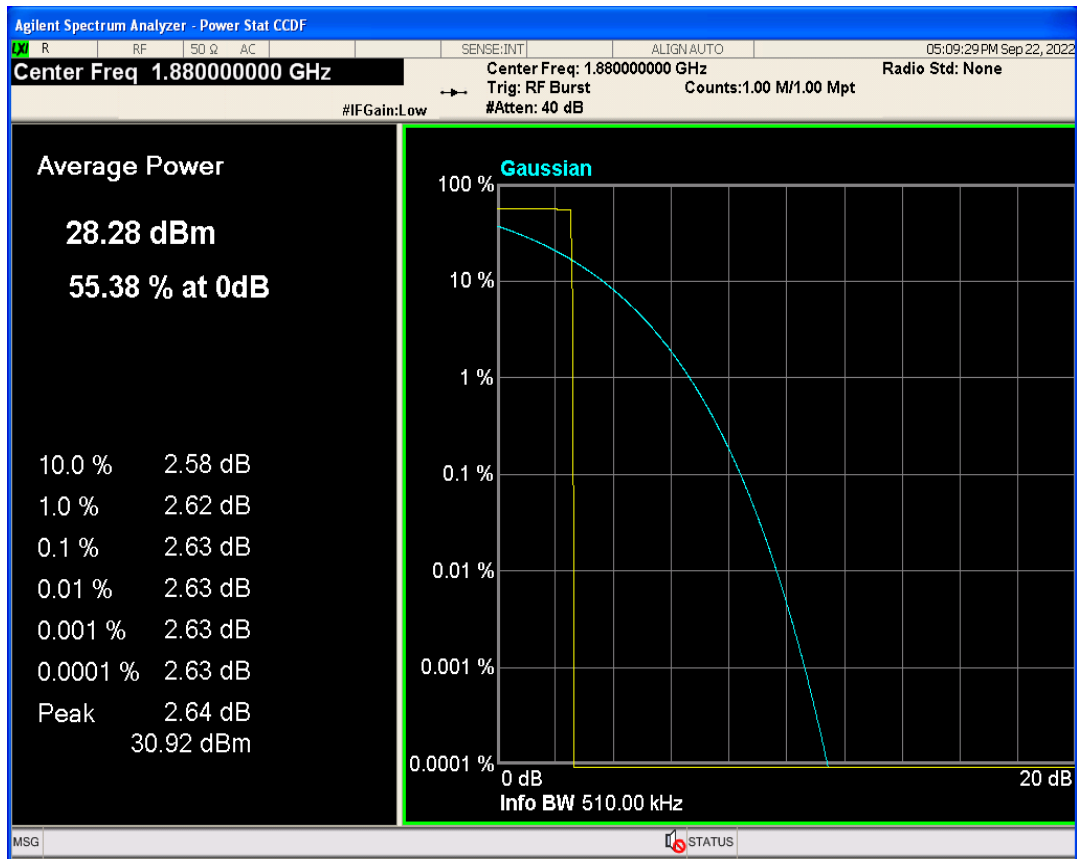
## 12 Peak-to-Average Ratio

| Band    | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 2.63        | 13              | PASS    |
| GSM1900 | 661     | 1880            | 2.63        | 13              | PASS    |
| GSM1900 | 810     | 1909.8          | 2.66        | 13              | PASS    |
| GSM850  | 128     | 824.2           | 2.66        | 13              | PASS    |
| GSM850  | 189     | 836.4           | 2.62        | 13              | PASS    |
| GSM850  | 251     | 848.8           | 2.67        | 13              | PASS    |

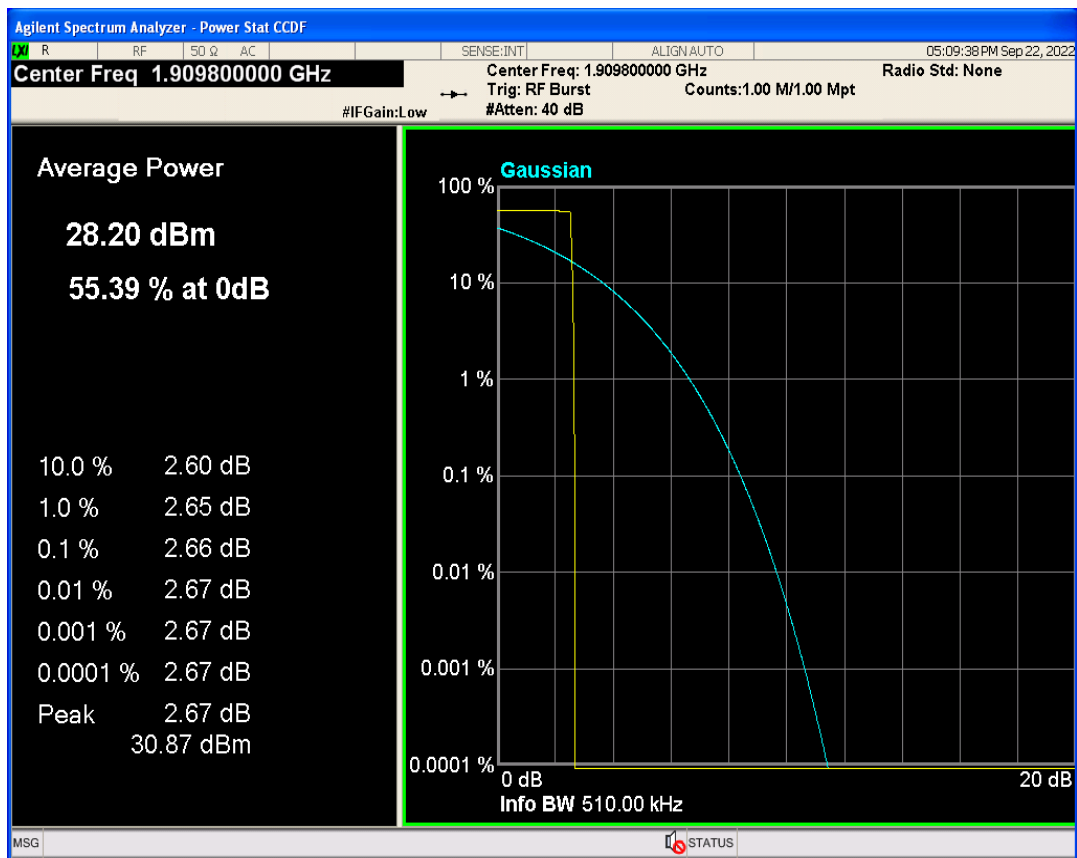
GSM1900 Channel=512



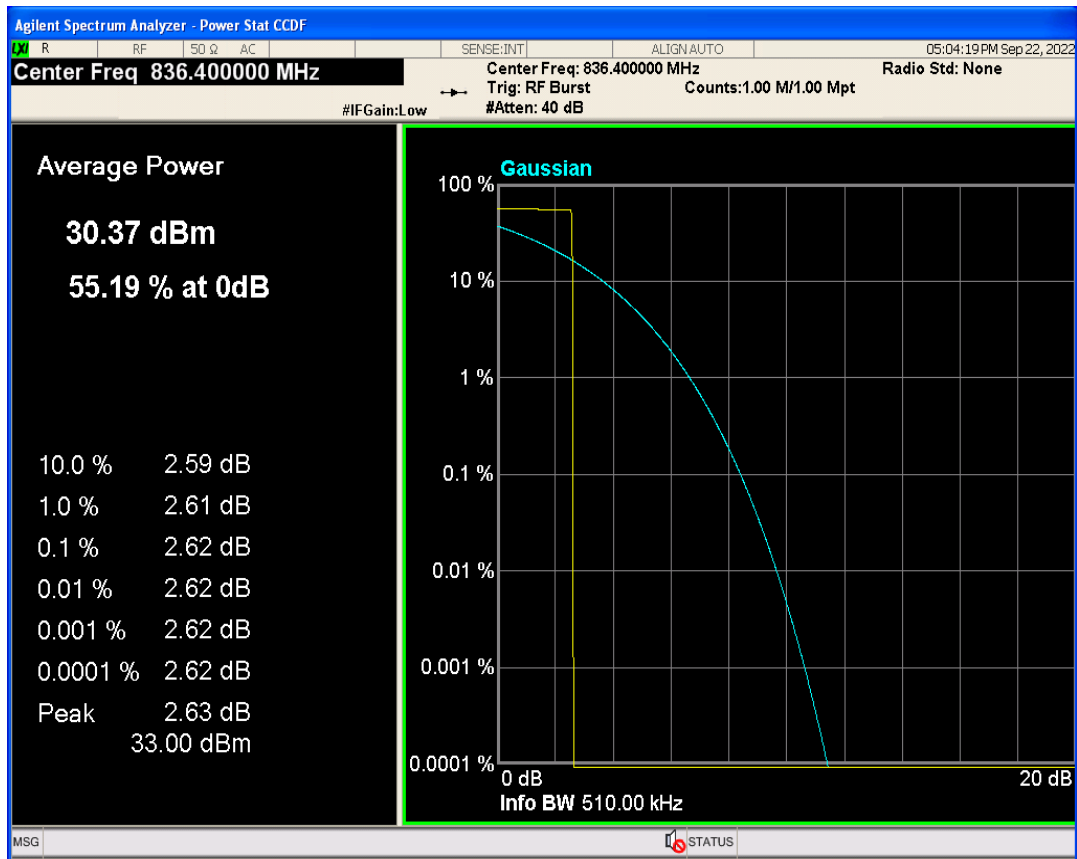
GSM1900 Channel=661



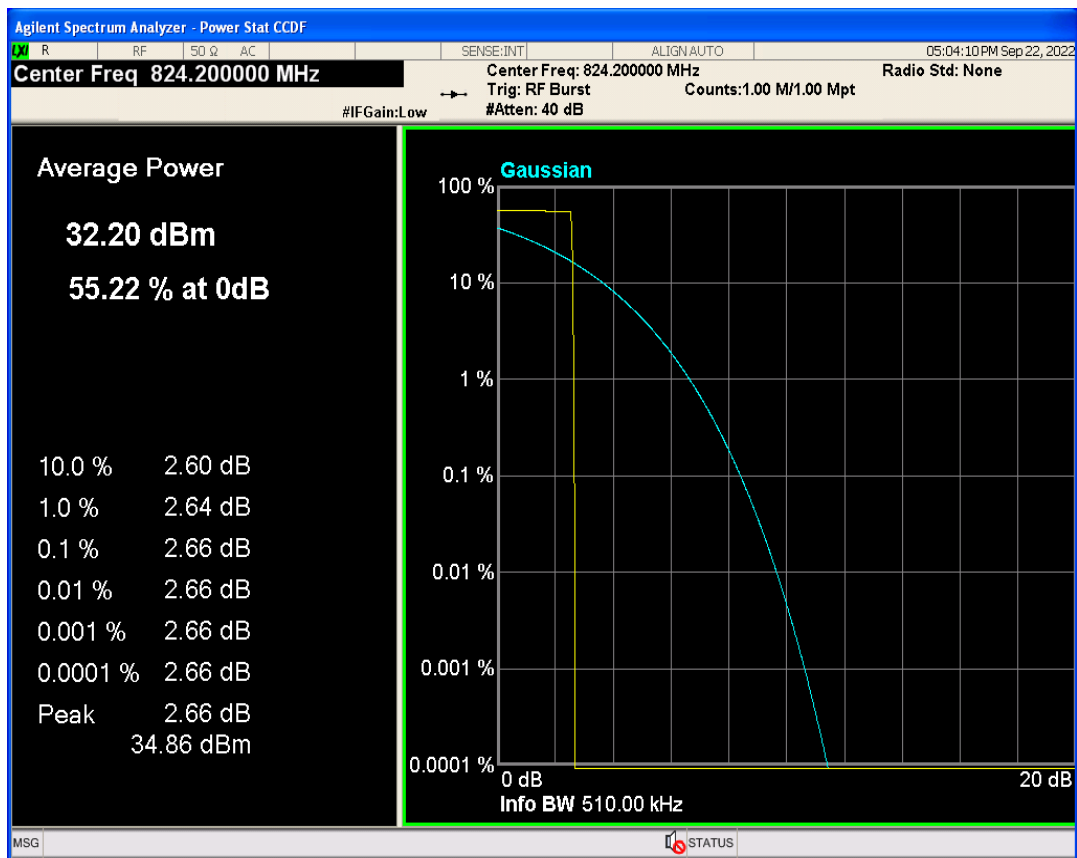
GSM1900 Channel=810



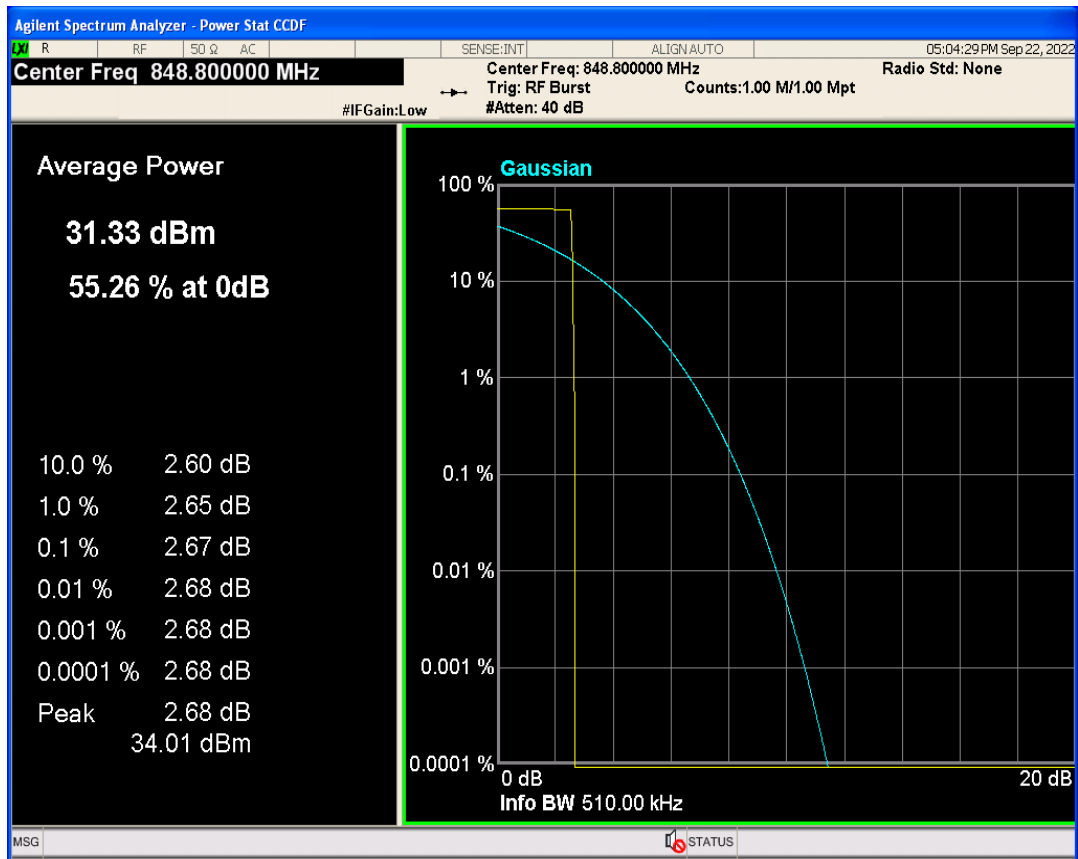
GSM850 Channel=189



GSM850 Channel=128



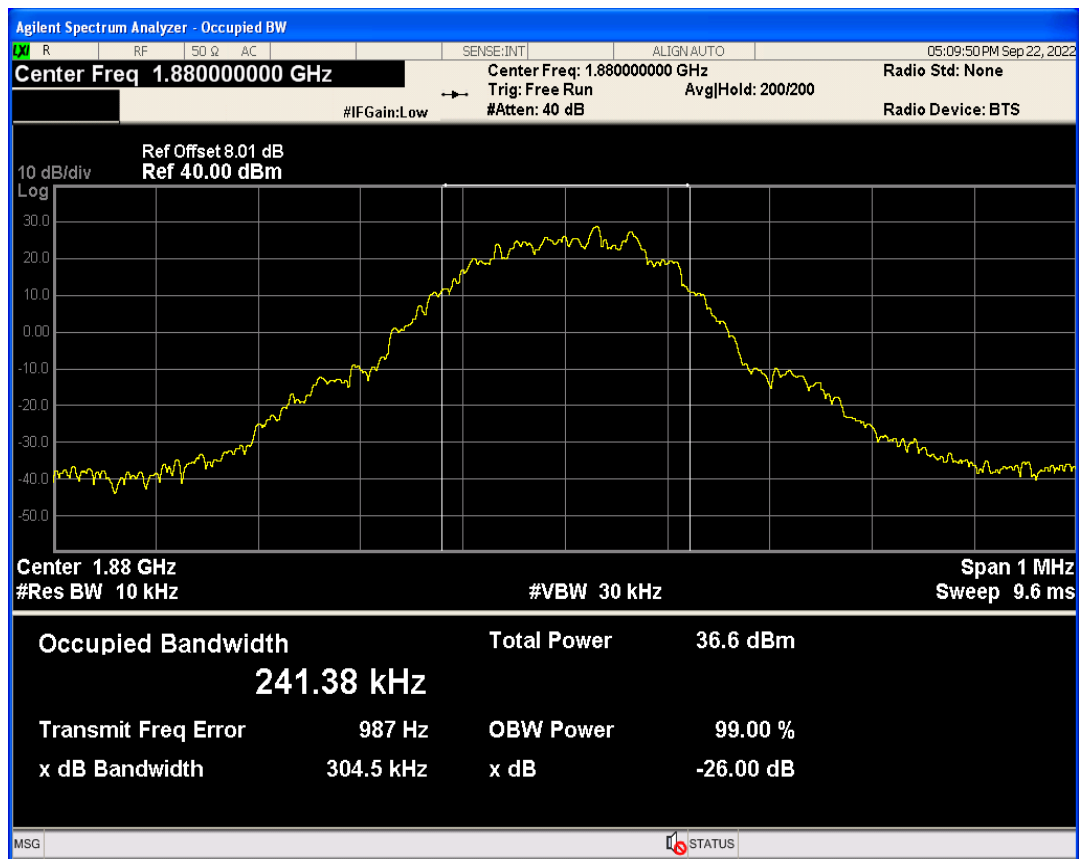
GSM850 Channel=251



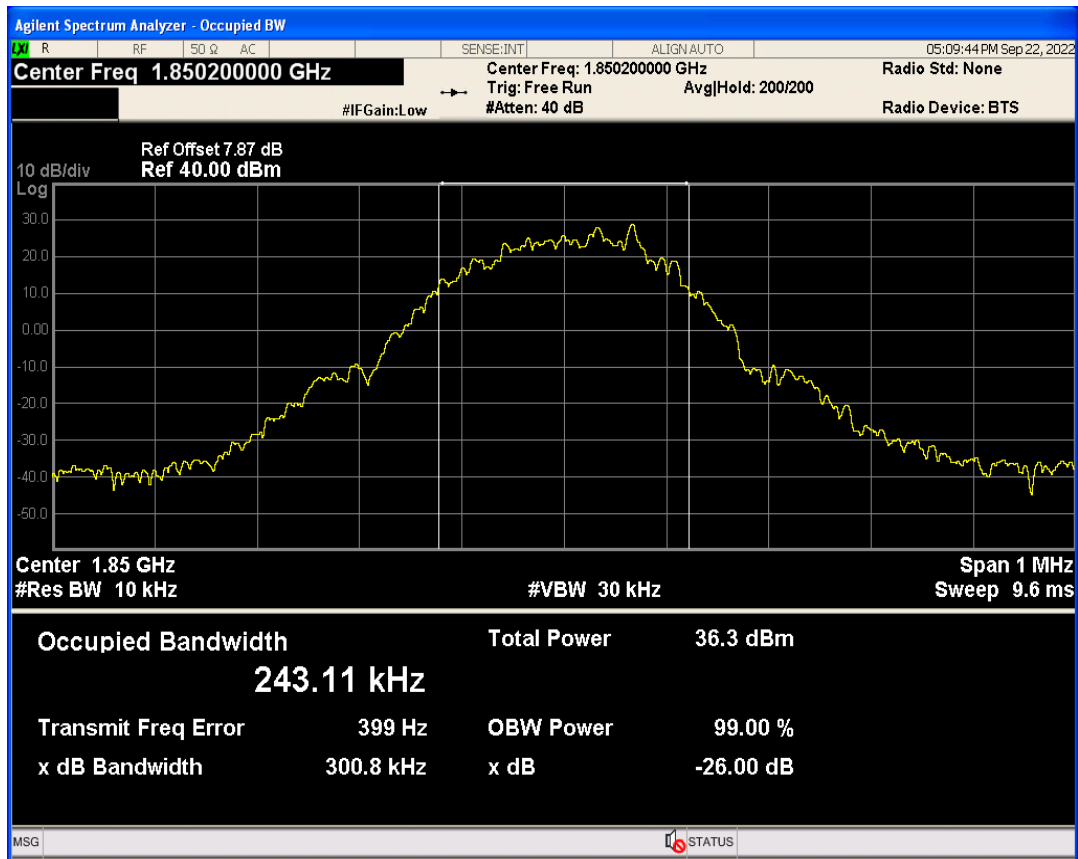
### 13 Occupied bandwidth

| Band    | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 243.115       | 300.780         | PASS    |
| GSM1900 | 661     | 1880            | 241.381       | 304.519         | PASS    |
| GSM1900 | 810     | 1909.8          | 239.478       | 311.294         | PASS    |
| GSM850  | 128     | 824.2           | 239.220       | 308.386         | PASS    |
| GSM850  | 189     | 836.4           | 250.617       | 309.640         | PASS    |
| GSM850  | 251     | 848.8           | 238.732       | 312.219         | PASS    |

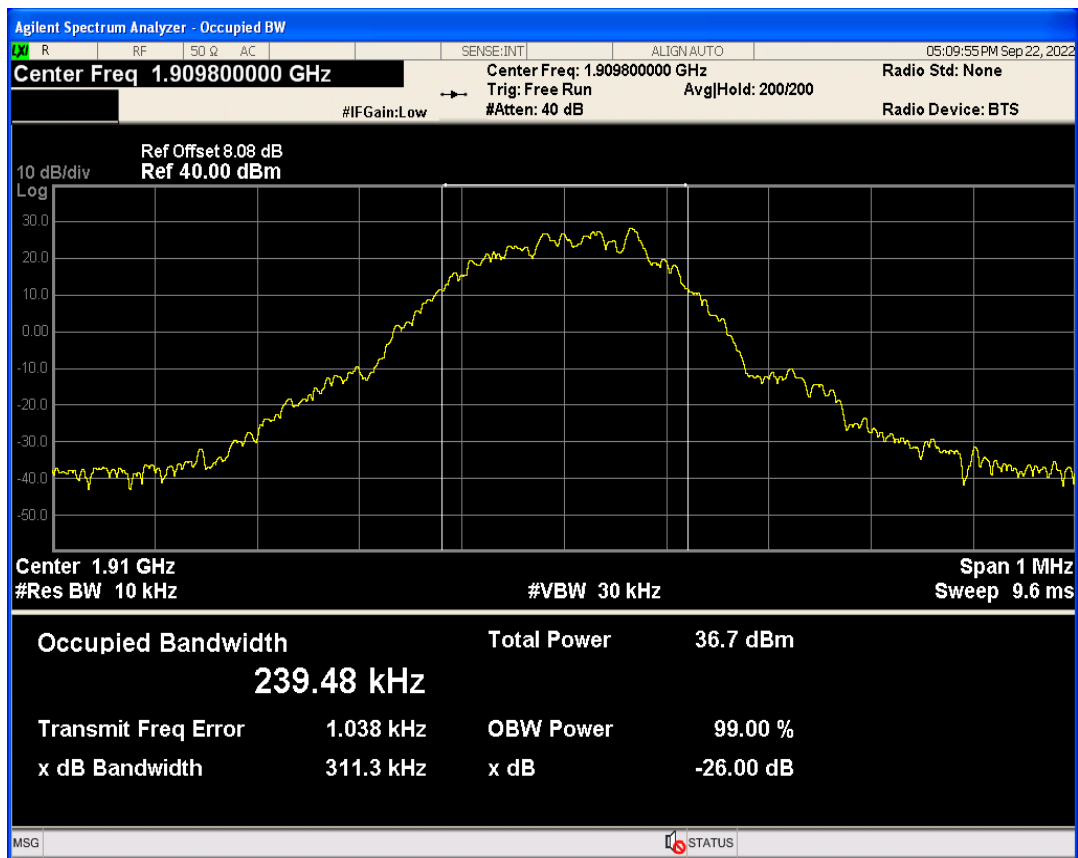
GSM1900 Channel=661



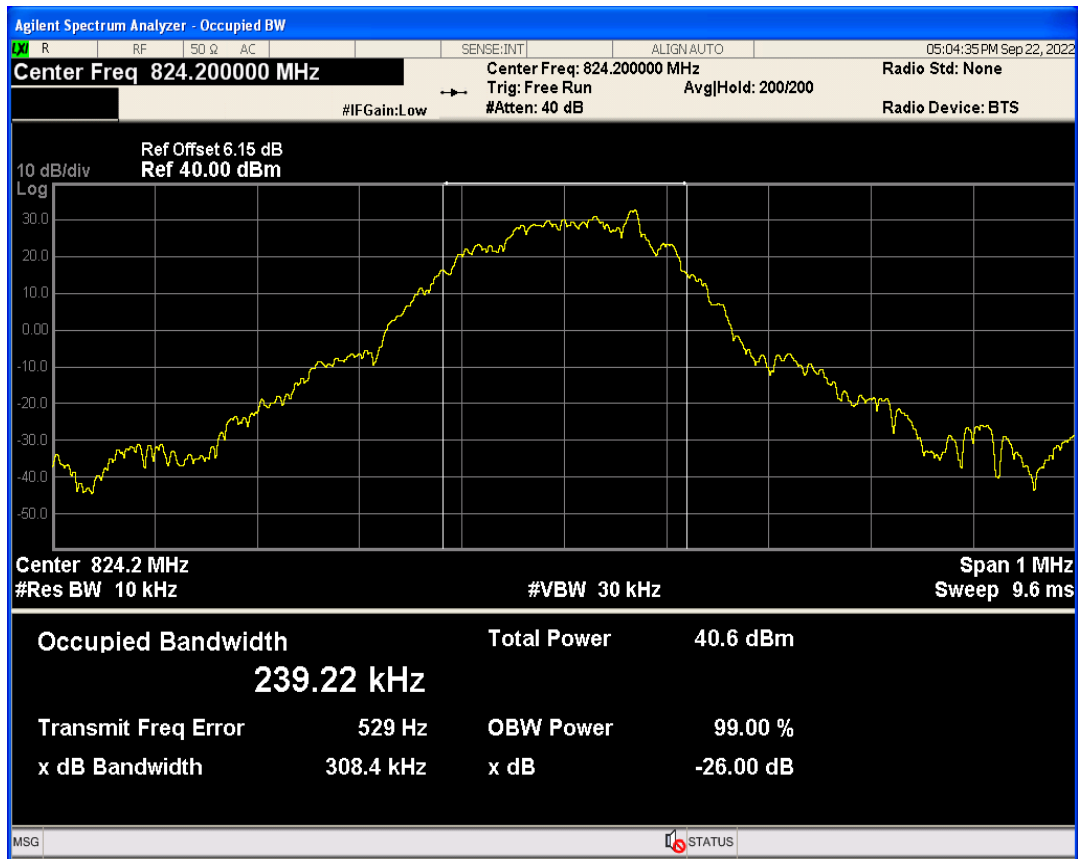
GSM1900 Channel=512



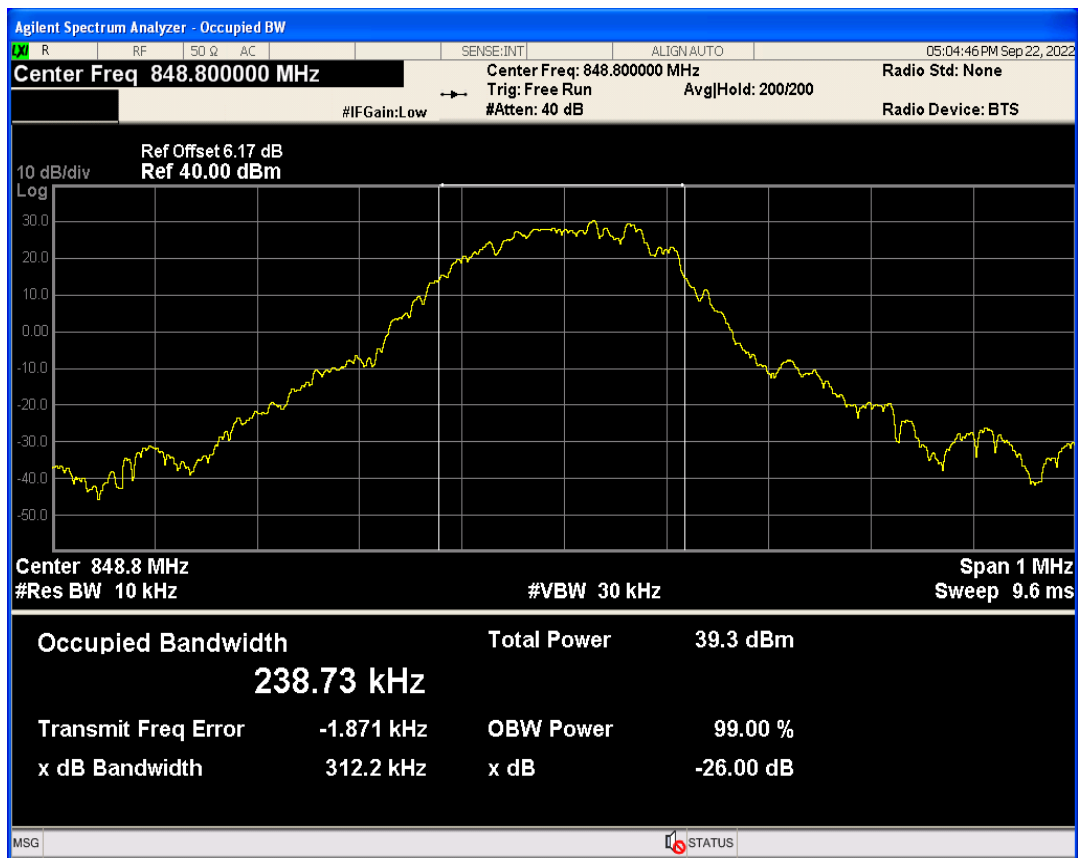
GSM1900 Channel=810



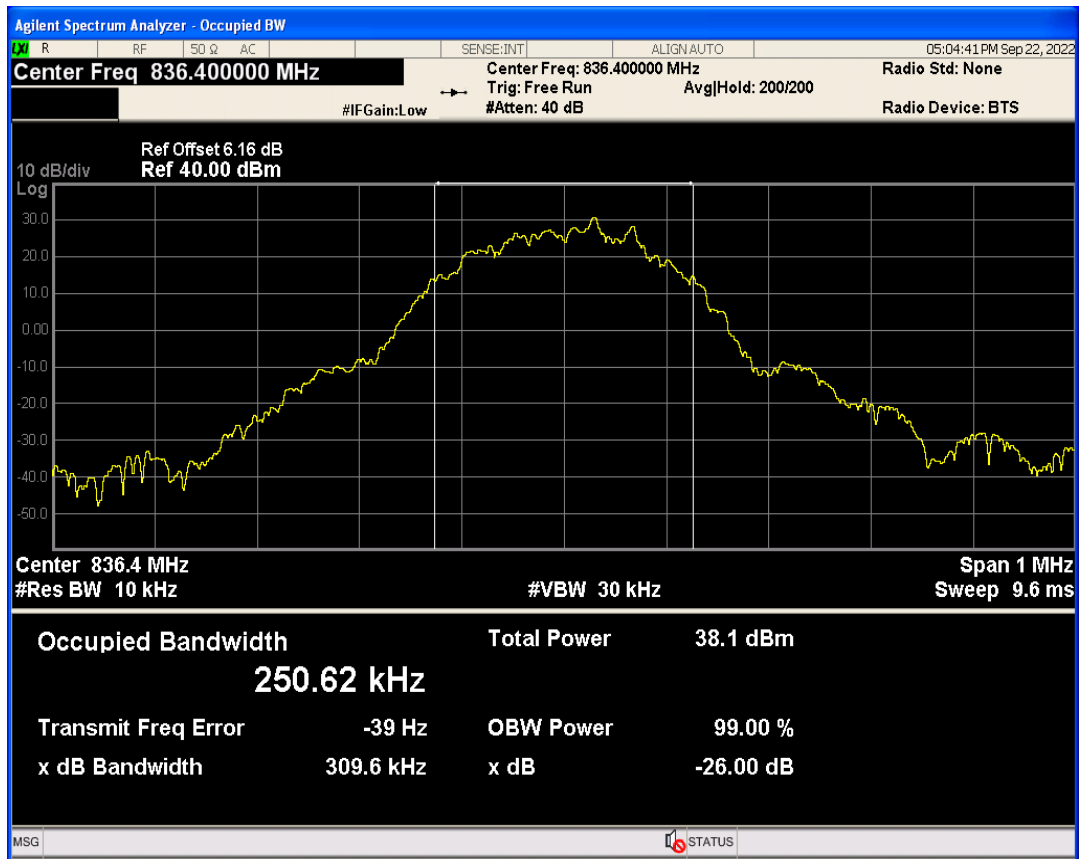
GSM850 Channel=128



GSM850 Channel=251



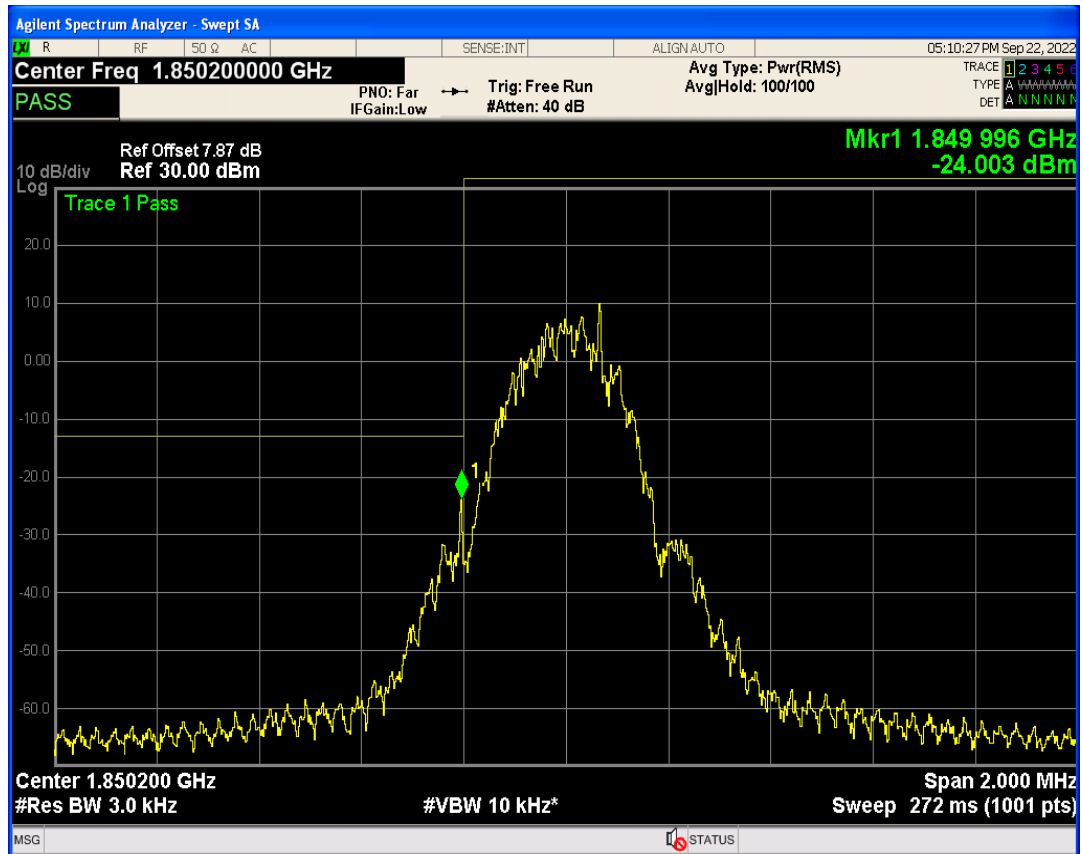
GSM850 Channel=189



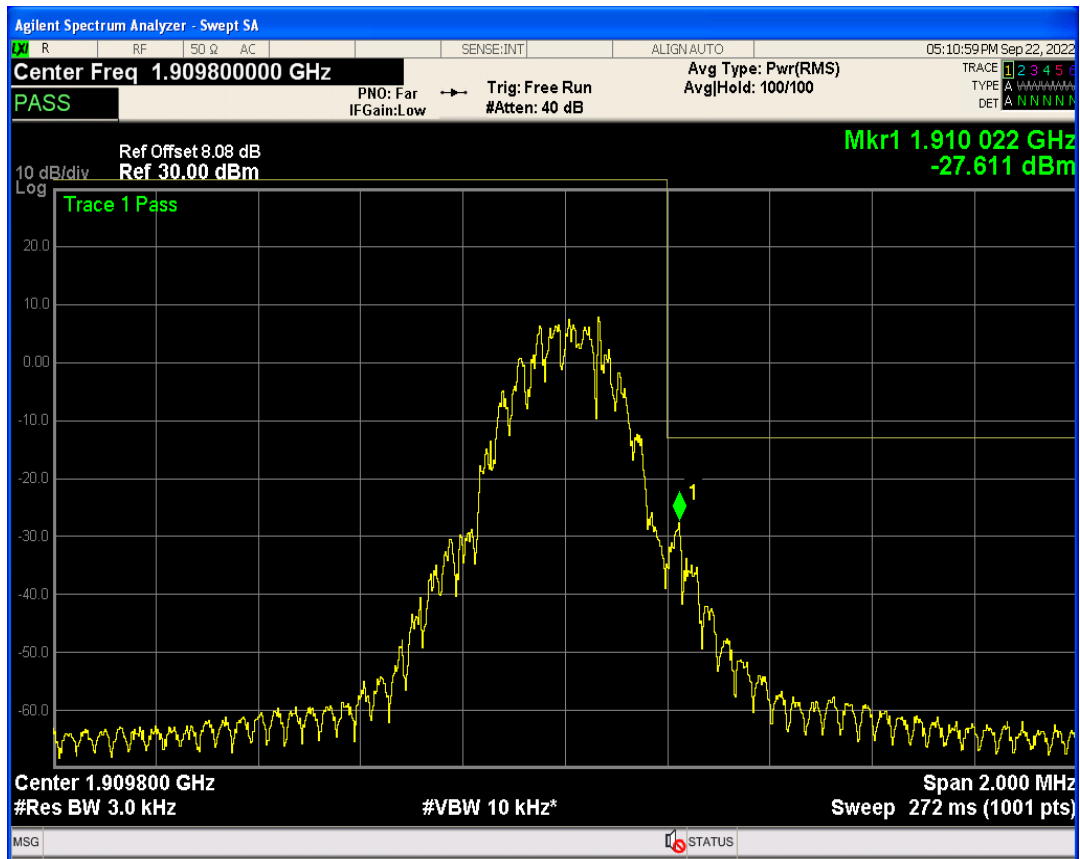
## 14 Band edge

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 1850.00         | -24.00           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 1910.02         | -27.61           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 824.00          | -23.89           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 849.02          | -25.79           | -13         | PASS    |

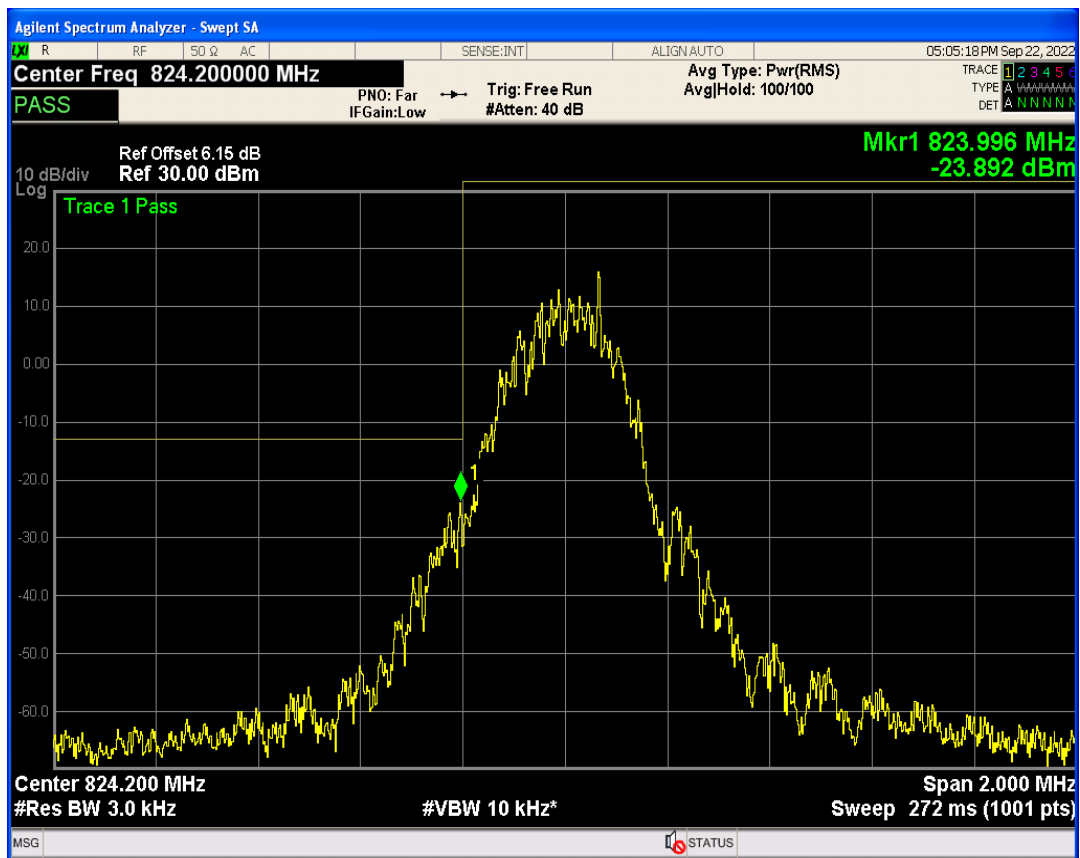
GSM1900 Channel=512



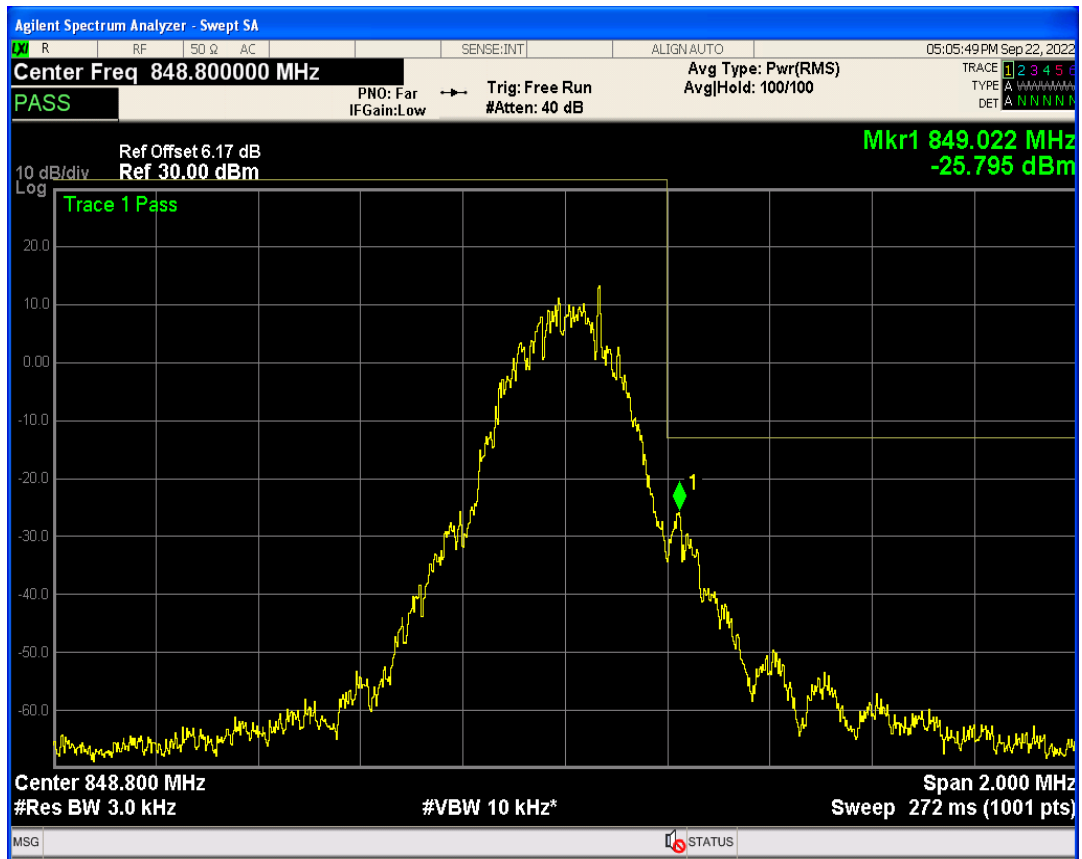
GSM1900 Channel=810



GSM850 Channel=128



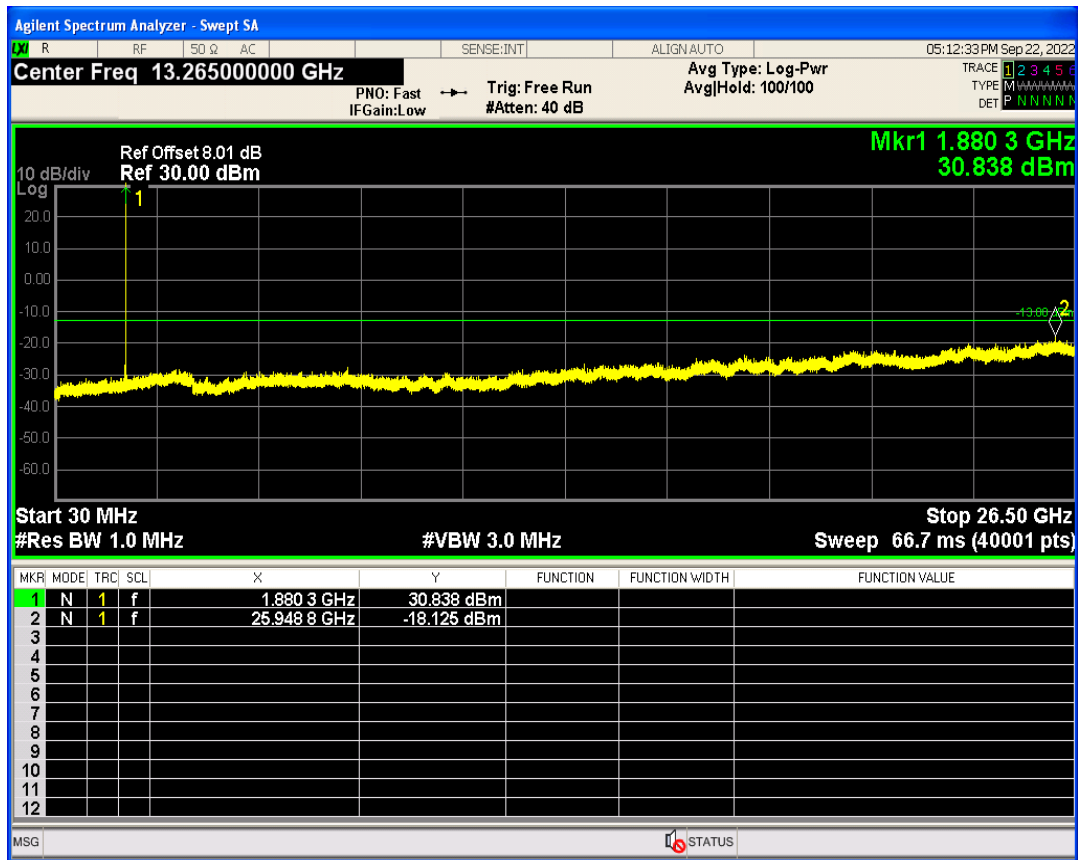
GSM850 Channel=251



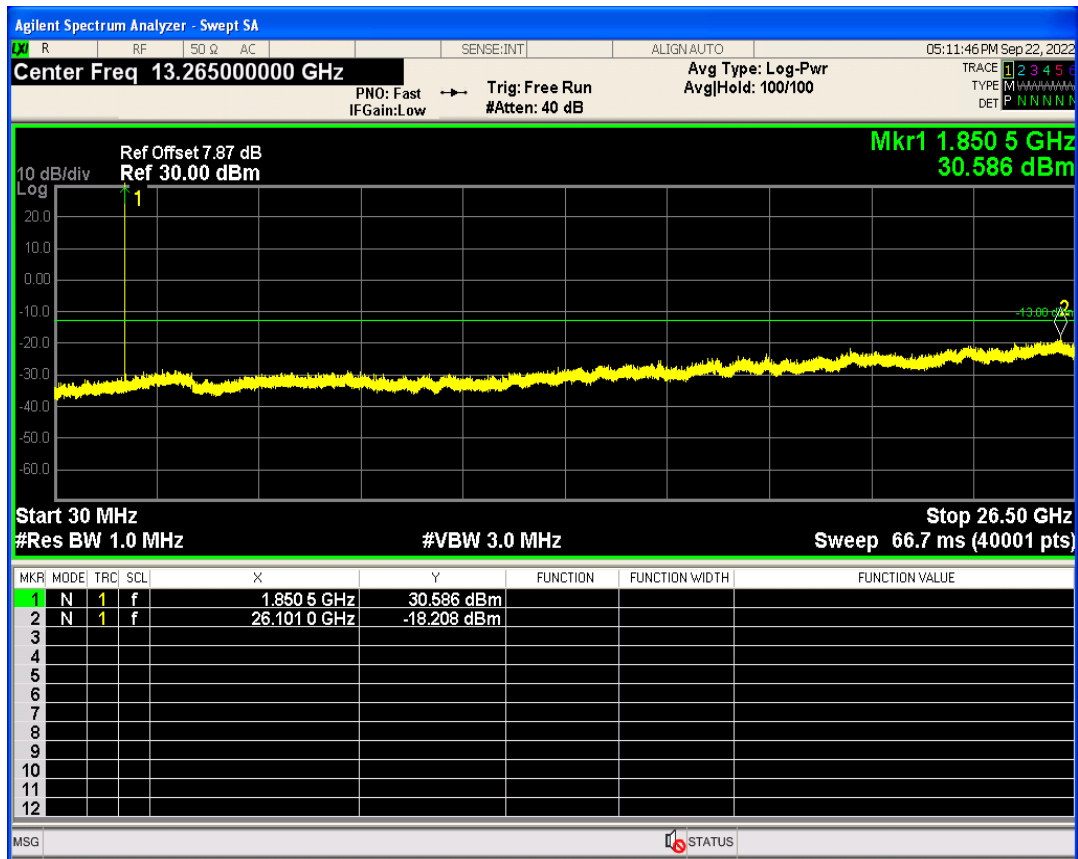
## 15 Out-of-band emissions

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 26100.96        | -18.20           | -13         | PASS    |
| GSM1900 | 661     | 1880            | 25948.76        | -18.12           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 25472.30        | -17.90           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 25575.54        | -19.80           | -13         | PASS    |
| GSM850  | 189     | 836.4           | 26238.61        | -20.82           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 26218.76        | -19.18           | -13         | PASS    |

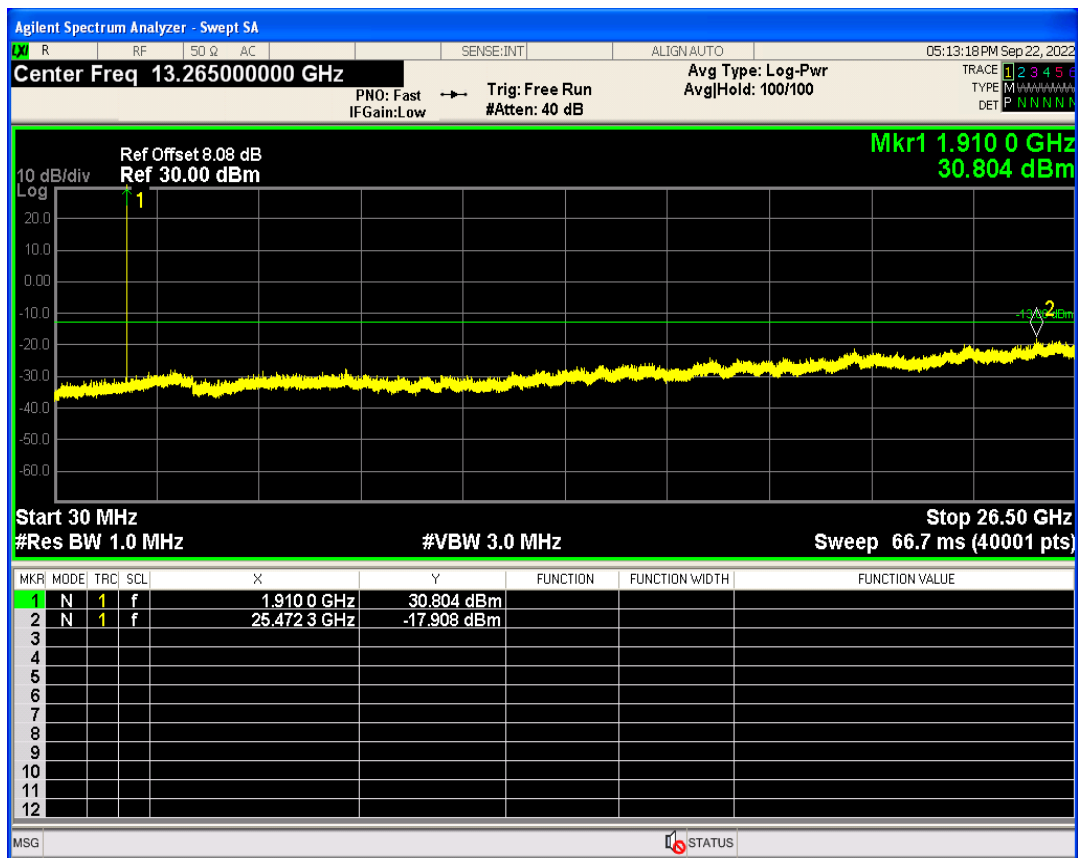
GSM1900 Channel=661



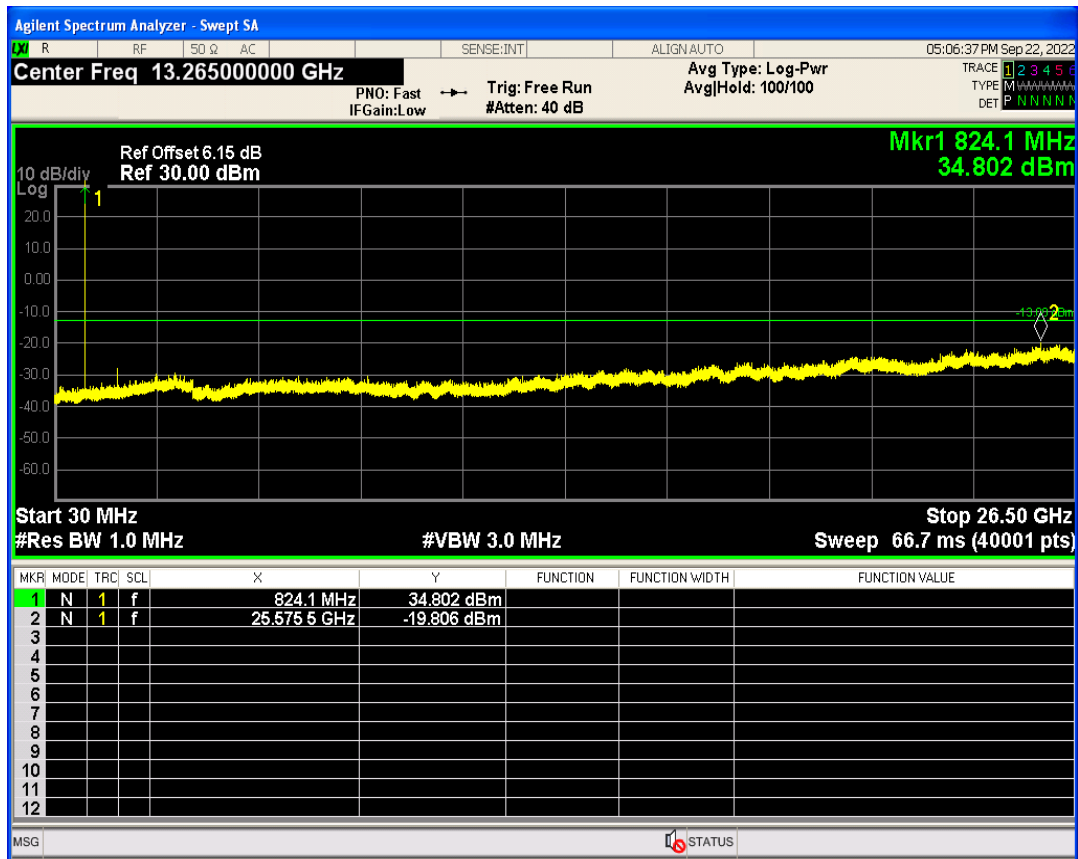
GSM1900 Channel=512



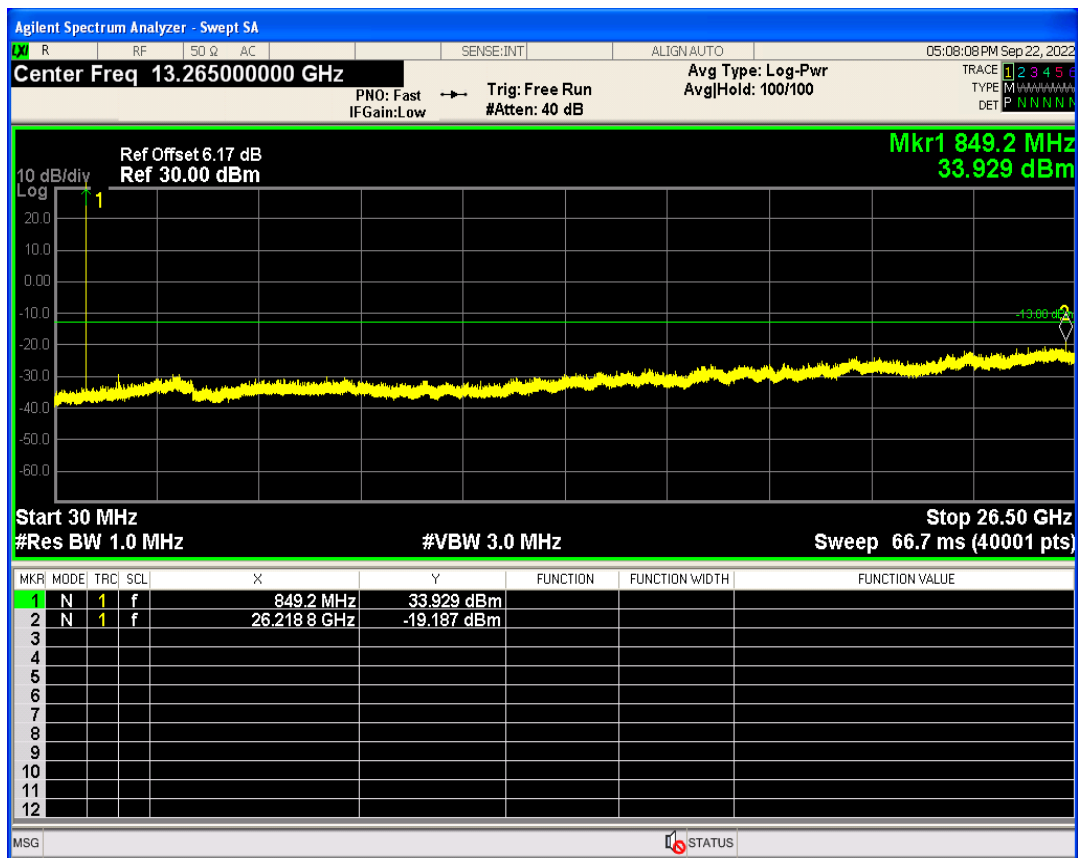
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=189

