

# ANNEX GSM DATA

## FCC ID: 2BMFB-X3100

Applicant: FIREPIT INC.

Address: 1401 LAVACA ST PMB 40573 AUSTIN,TX,78701 United States of America

Manufacturer: Umeox Innovations Co., Ltd

Address: 1901, Block A, Building 8, Shenzhen International Innovation Valley, Dashi 1st Road, Xili Community, Xili Subdistrict, Nanshan District, Shenzhen, China

EUT: Pinwheel Watch

Trade Mark: Pinwheel

Model Number: X3100

Date of Receipt: Nov. 15, 2024

Test Date: Nov. 15, 2024 - Dec. 05, 2024

Date of Report: Dec. 05, 2024

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China

Applicable Standards: FCC Part 2 Subpart J,  
Part 22 Subpart H,  
Part 24 Subpart E,  
Part 27  
FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01  
ANSI C63.26:2015, ANSI/TIA-603-E-2016

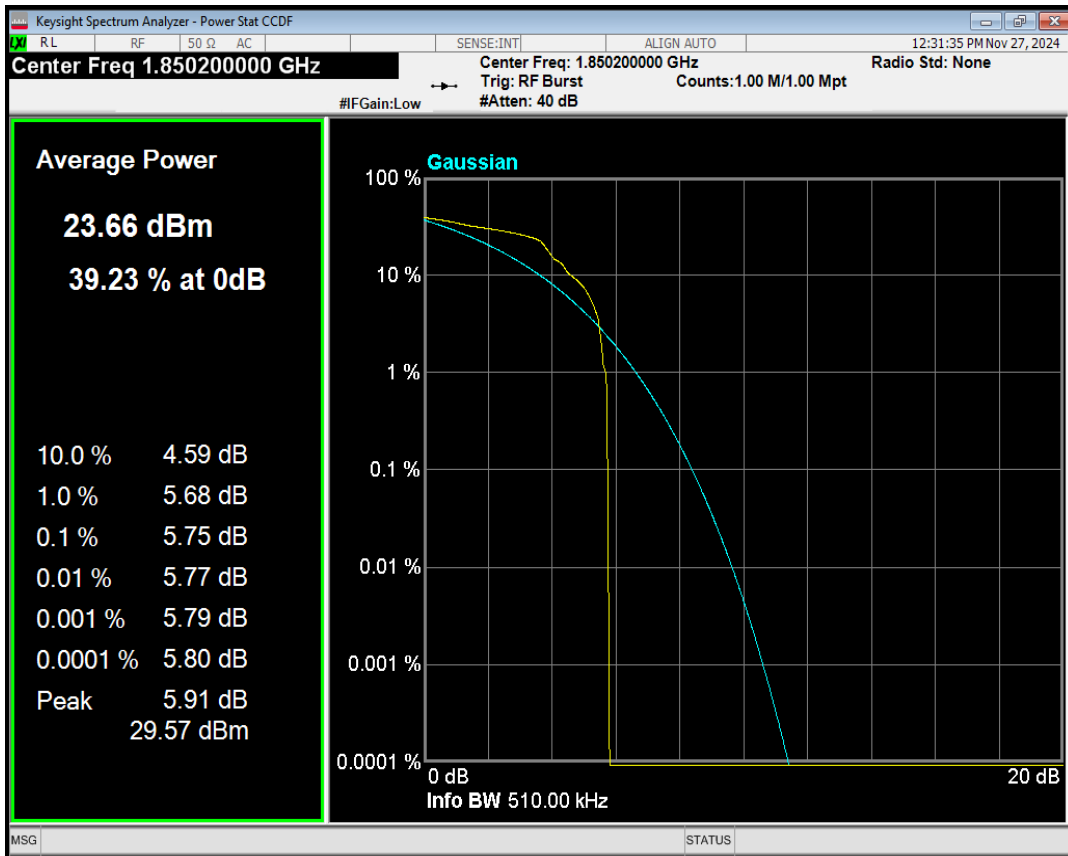
**15 Peak-to-Average Ratio**

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 5.748718894 | 13.00           | PASS    |
| EGPRS1900 | 661     | 1880            | 5.628879121 | 13.00           | PASS    |
| EGPRS1900 | 810     | 1909.8          | 5.58495     | 13.00           | PASS    |
| EGPRS850  | 128     | 824.2           | 8.362068966 | 13.00           | PASS    |
| EGPRS850  | 190     | 836.6           | 8.4571875   | 13.00           | PASS    |
| EGPRS850  | 251     | 848.8           | 8.210853392 | 13.00           | PASS    |

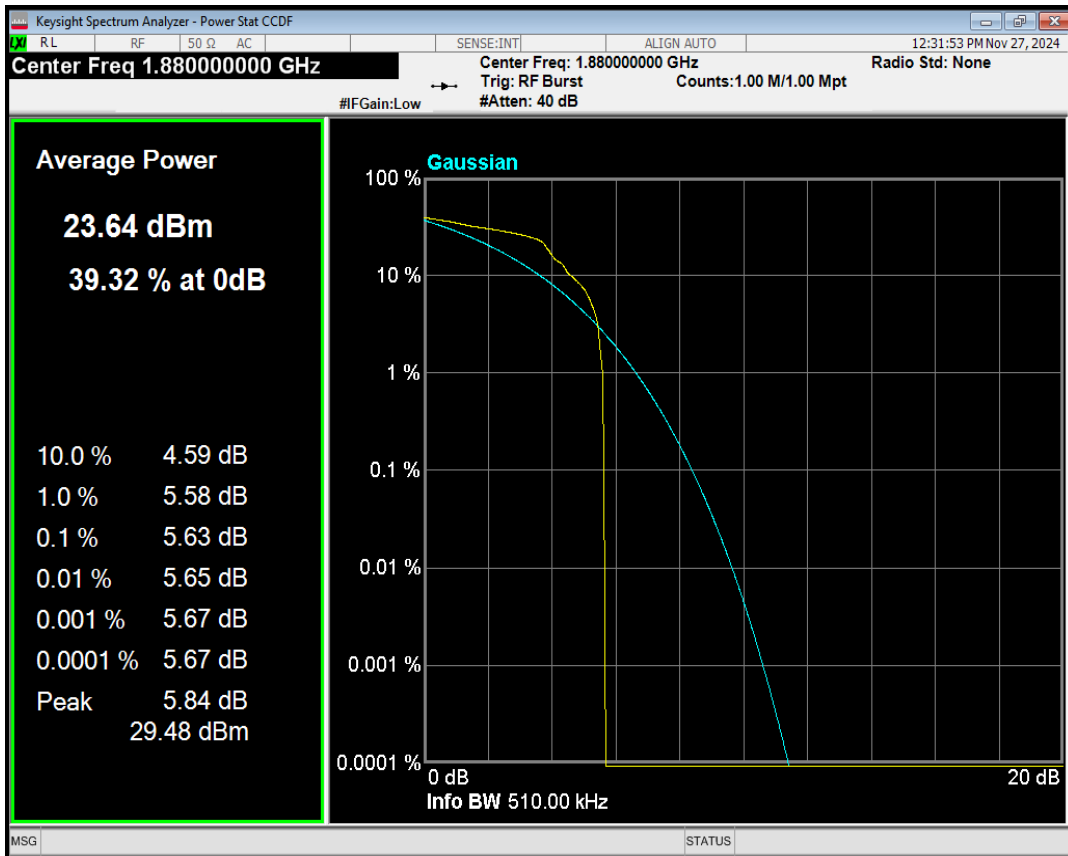
**09 Peak-to-Average Ratio**

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.676538139 | 13.00           | PASS    |
| GPRS1900 | 661     | 1880            | 2.659894386 | 13.00           | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.657498238 | 13.00           | PASS    |
| GPRS850  | 128     | 824.2           | 2.706235167 | 13.00           | PASS    |
| GPRS850  | 190     | 836.6           | 2.688843416 | 13.00           | PASS    |
| GPRS850  | 251     | 848.8           | 2.686418401 | 13.00           | PASS    |

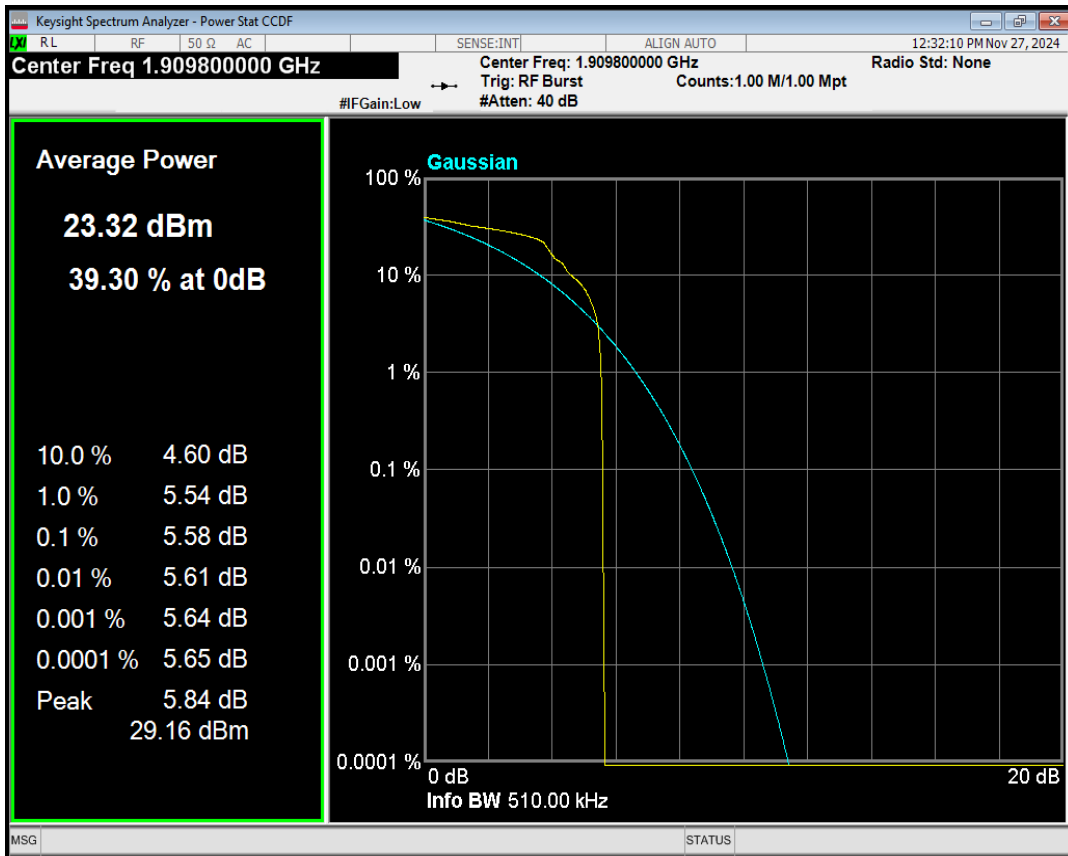
EGPRS1900 Channel=512



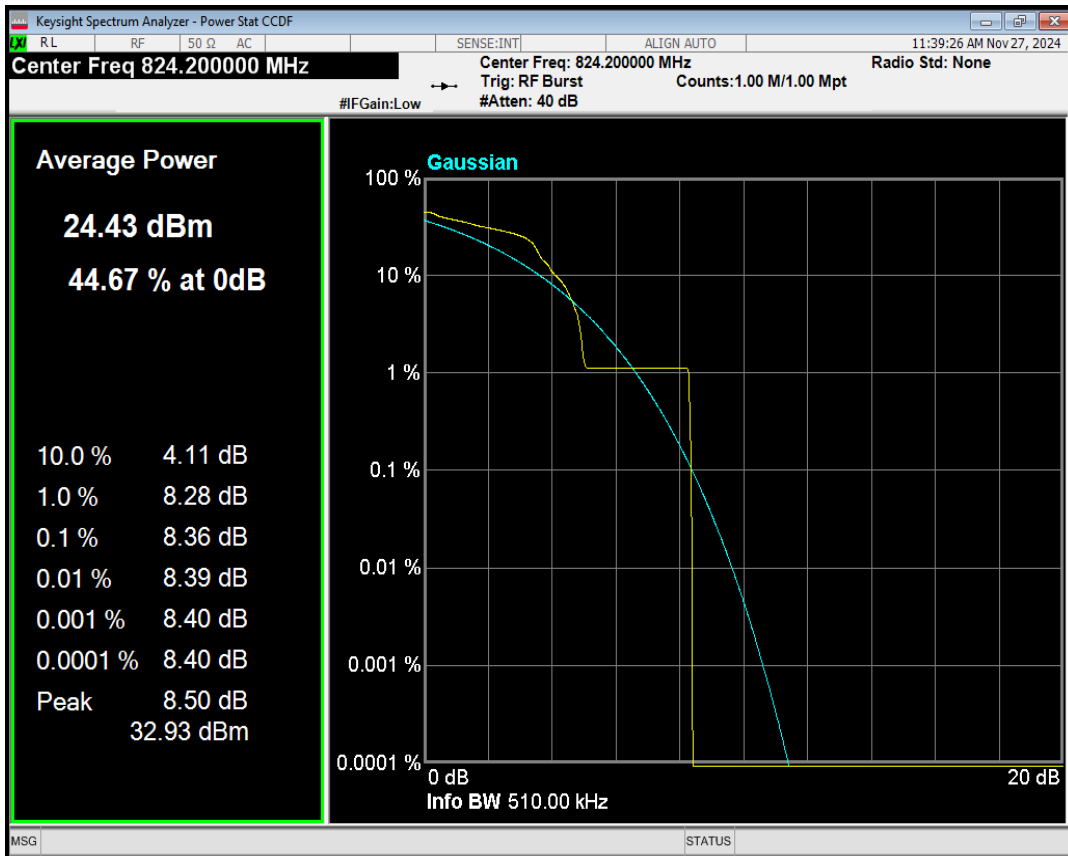
EGPRS1900 Channel=661



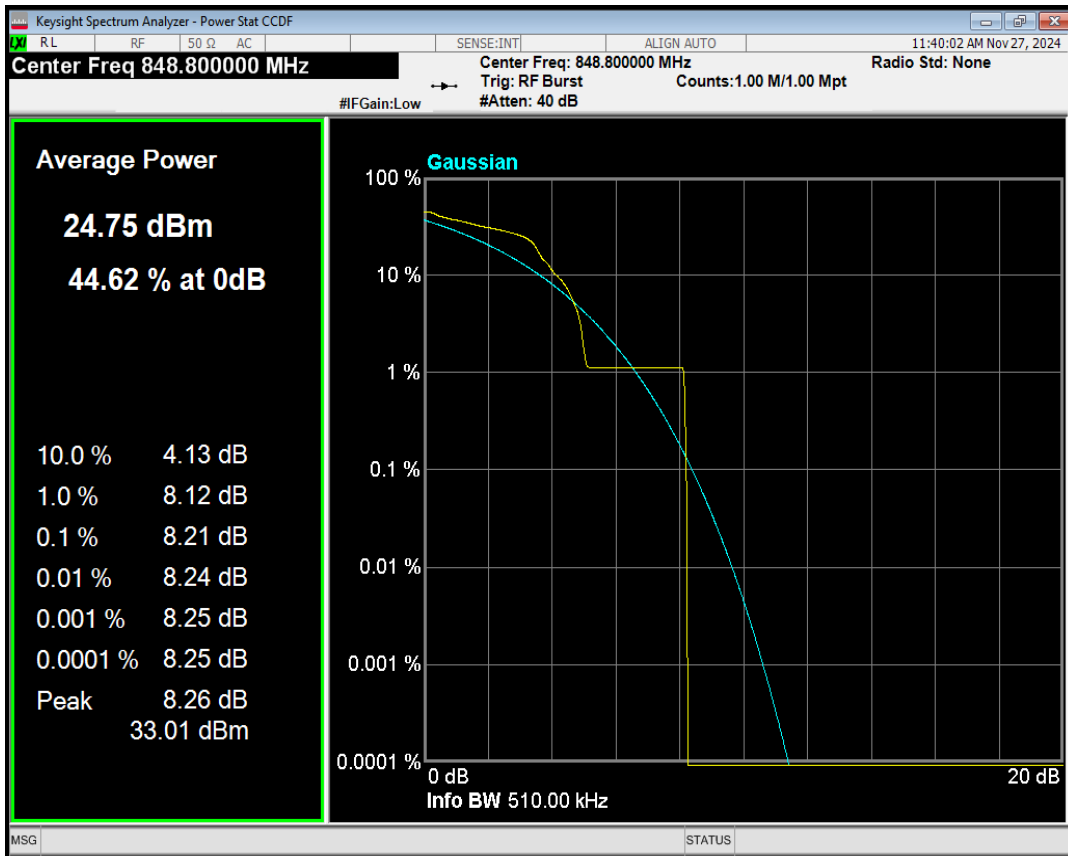
# EGPRS1900 Channel=810



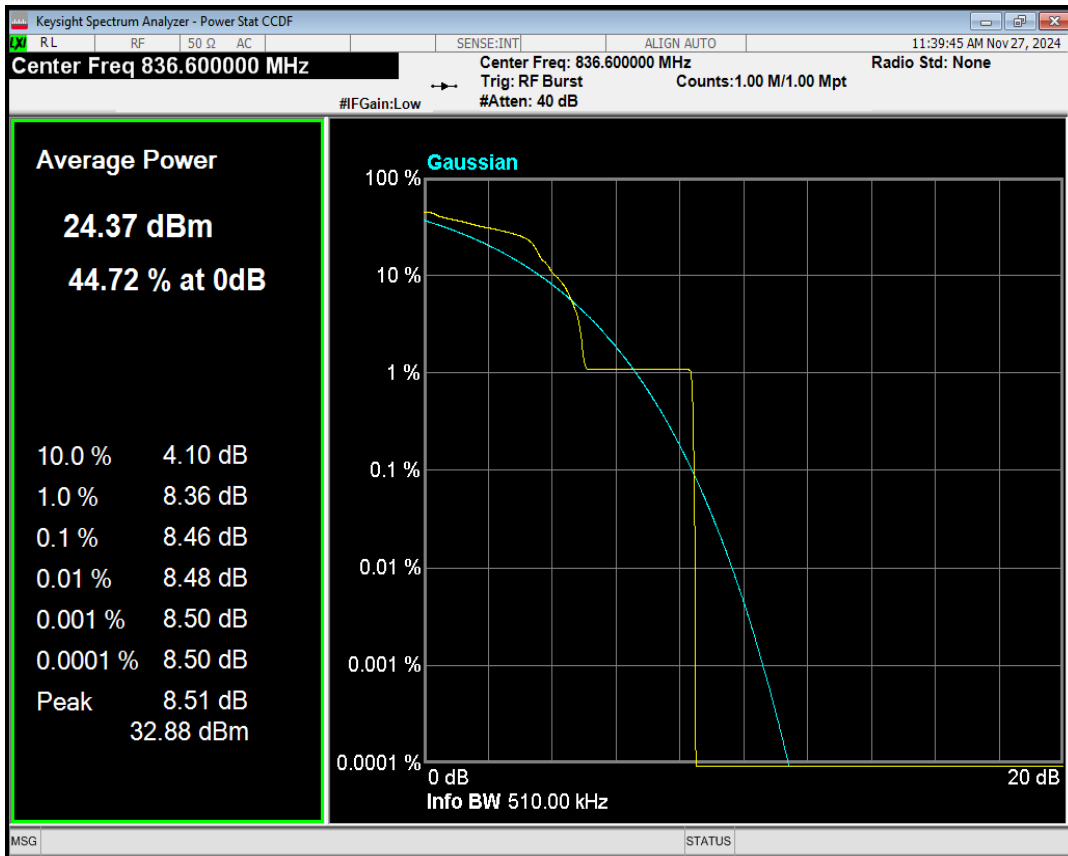
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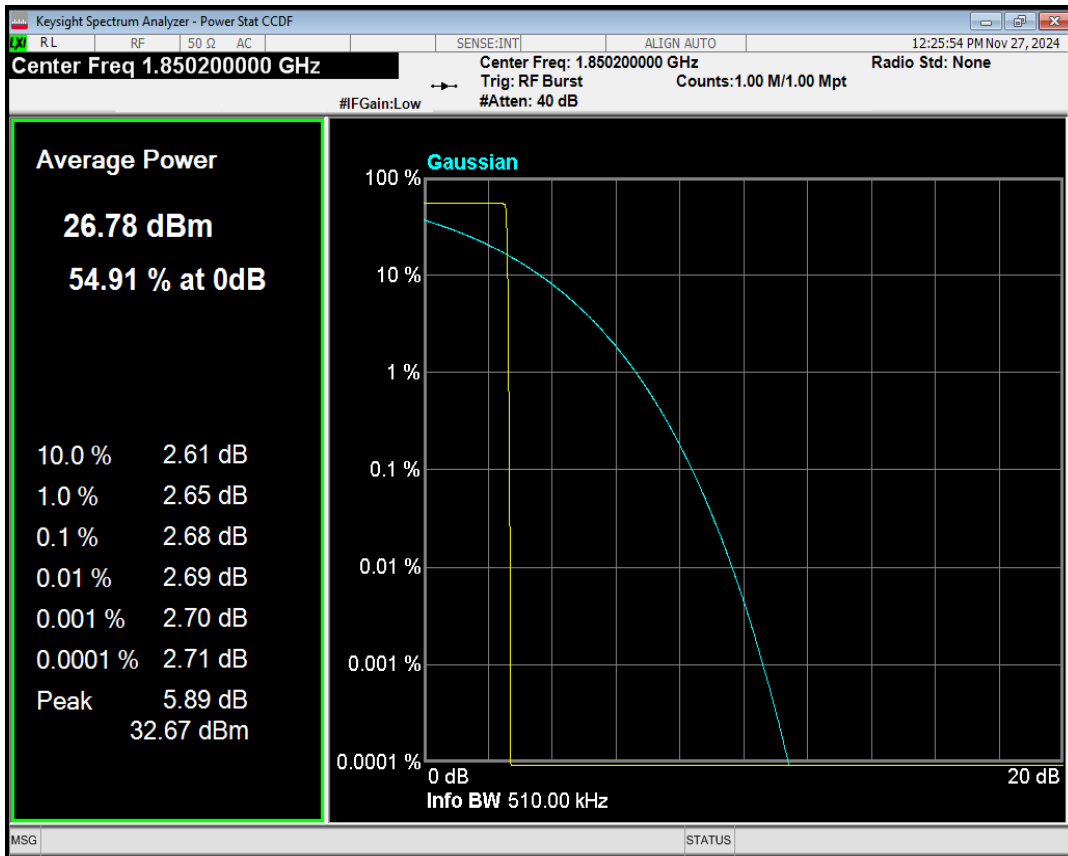
EGPRS850 Channel=251



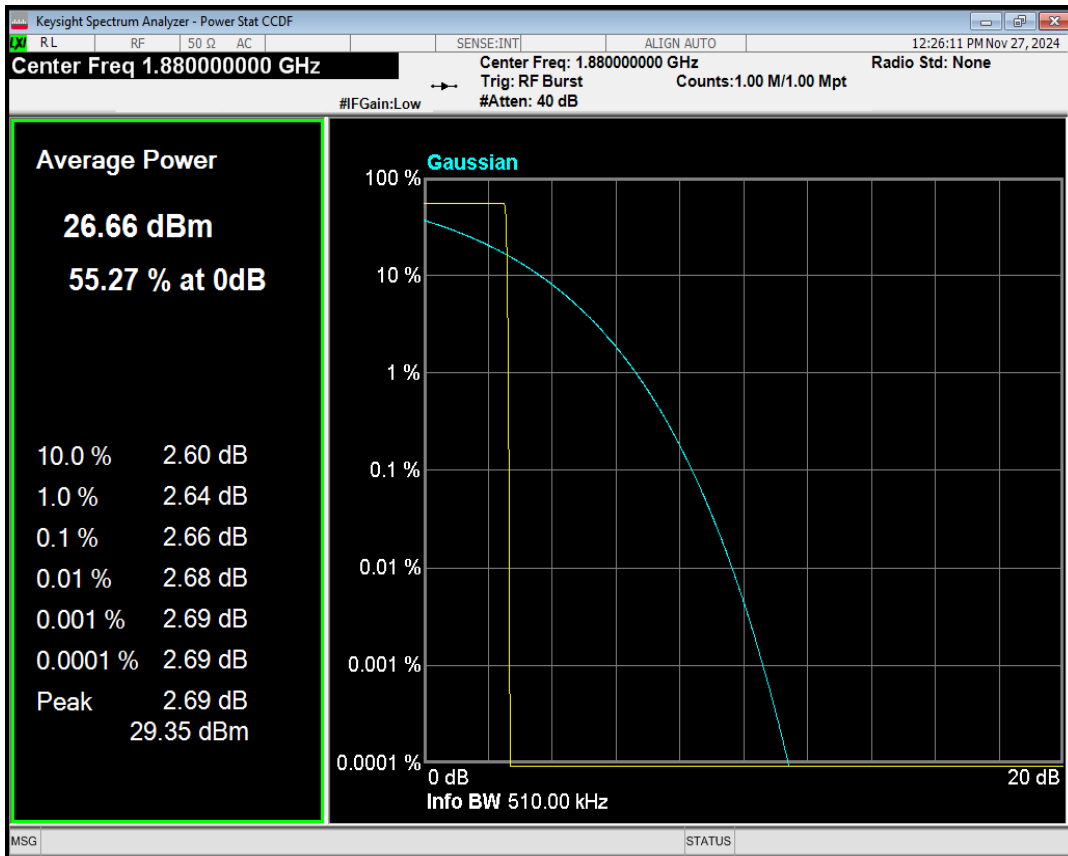
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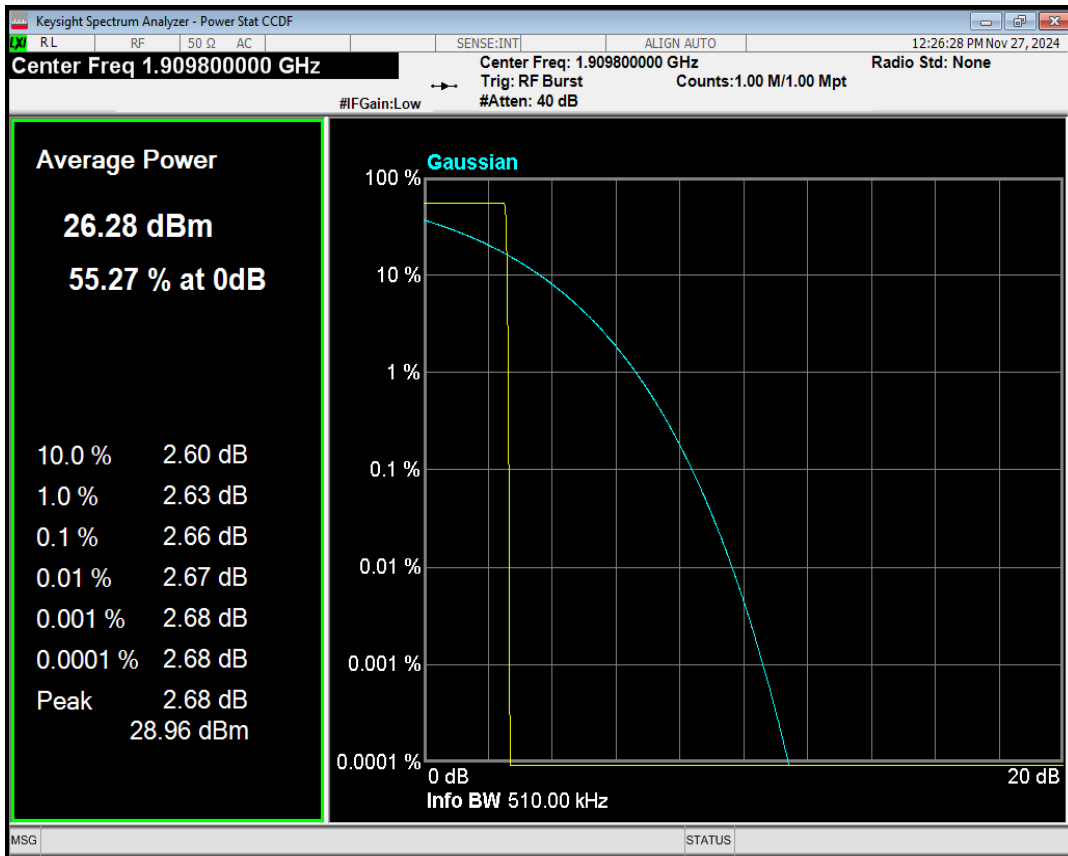
GPRS1900 Channel=512



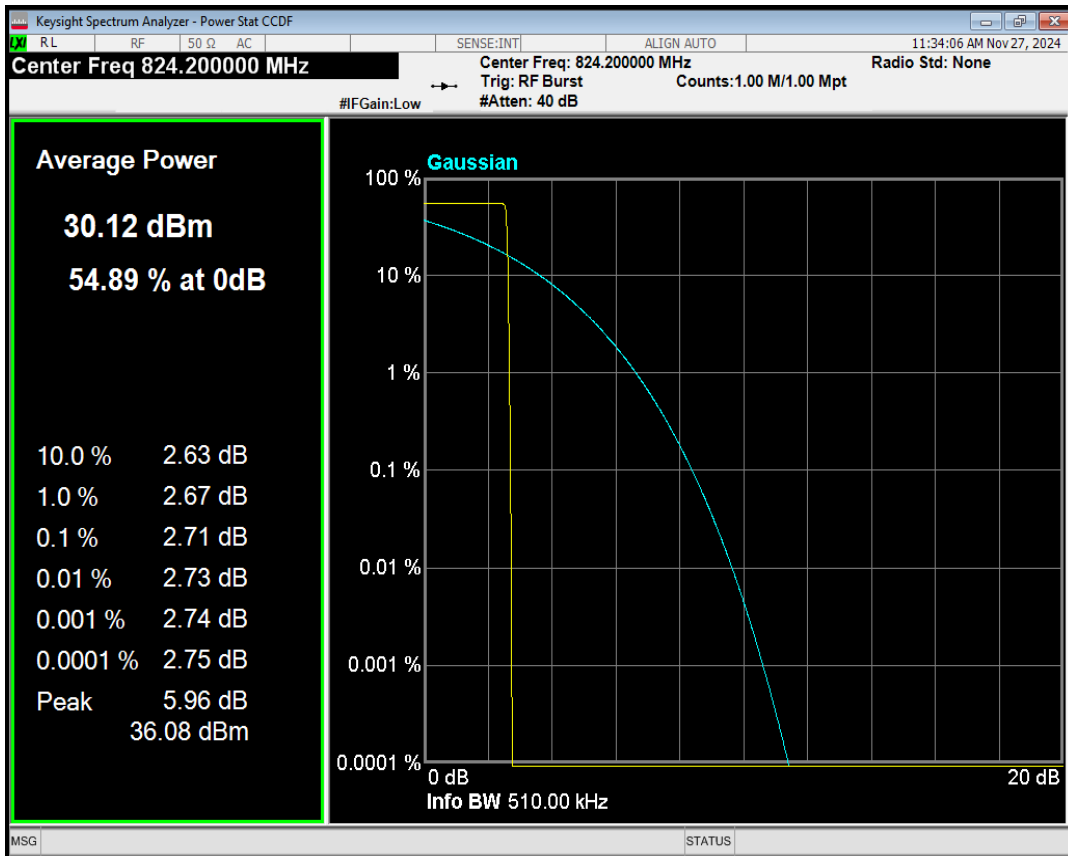
GPRS1900 Channel=661



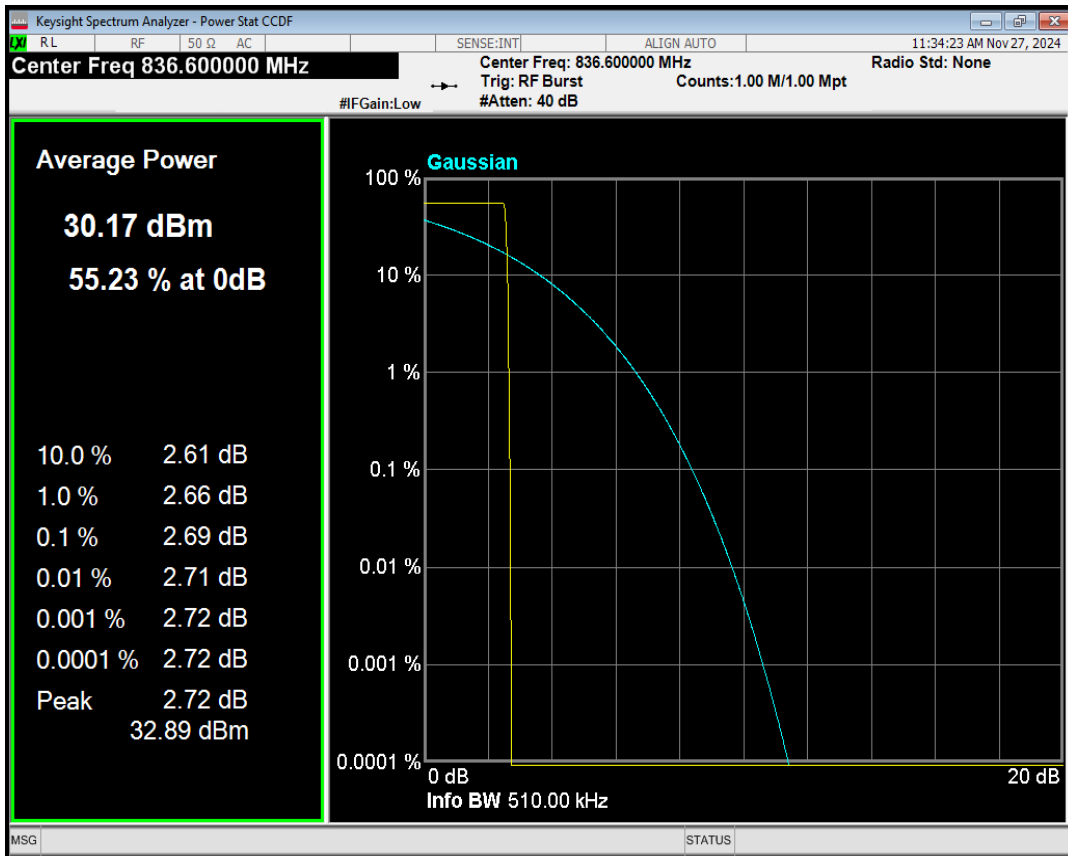
GPRS1900 Channel=810



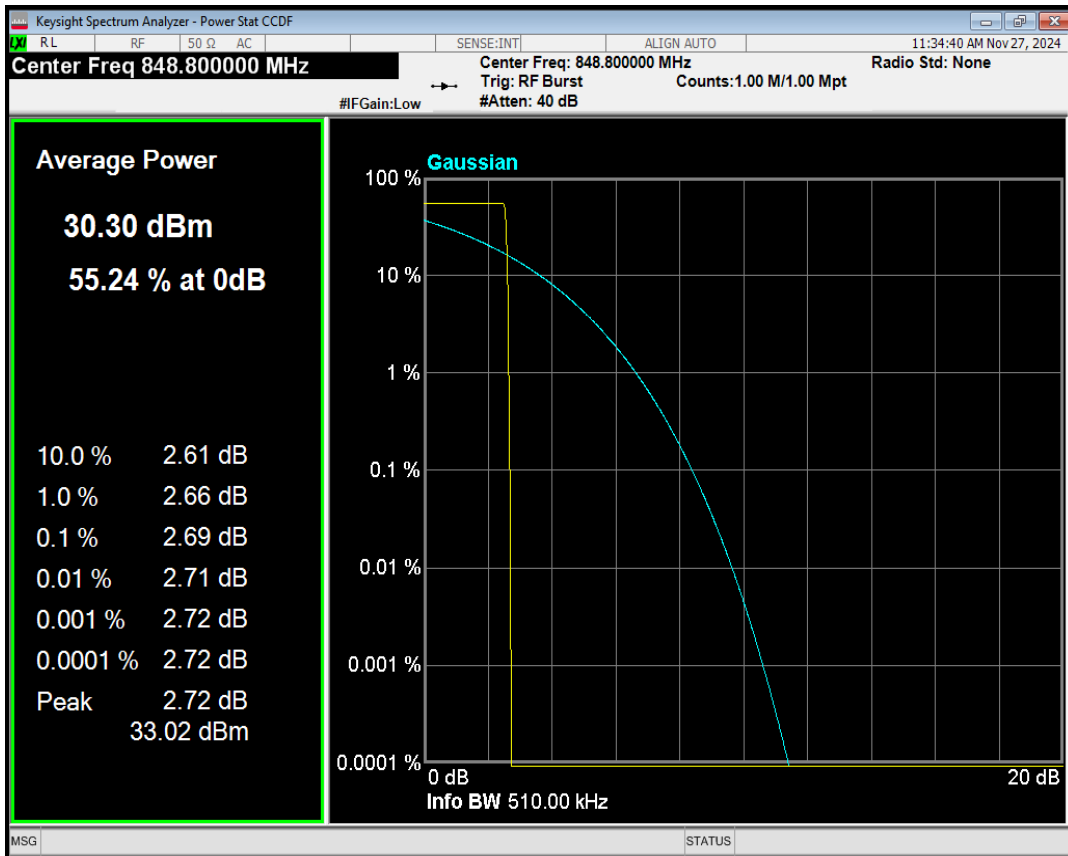
GPRS850 Channel=128



GPRS850 Channel=190



GPRS850 Channel=251





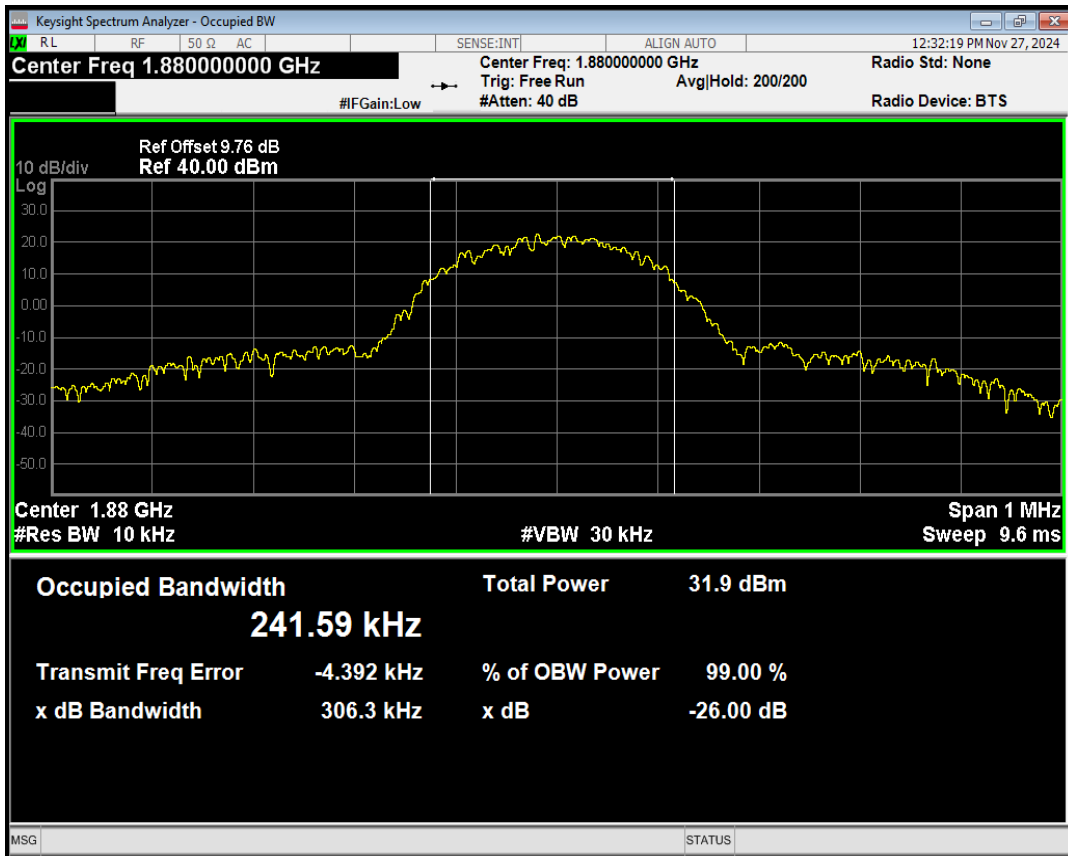
### 16 Occupied bandwidth

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 244.562       | 310.413         | PASS    |
| EGPRS1900 | 661     | 1880            | 241.593       | 306.293         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 237.922       | 308.675         | PASS    |
| EGPRS850  | 128     | 824.2           | 254.276       | 324.728         | PASS    |
| EGPRS850  | 190     | 836.6           | 256.461       | 312.031         | PASS    |
| EGPRS850  | 251     | 848.8           | 245.239       | 319.451         | PASS    |

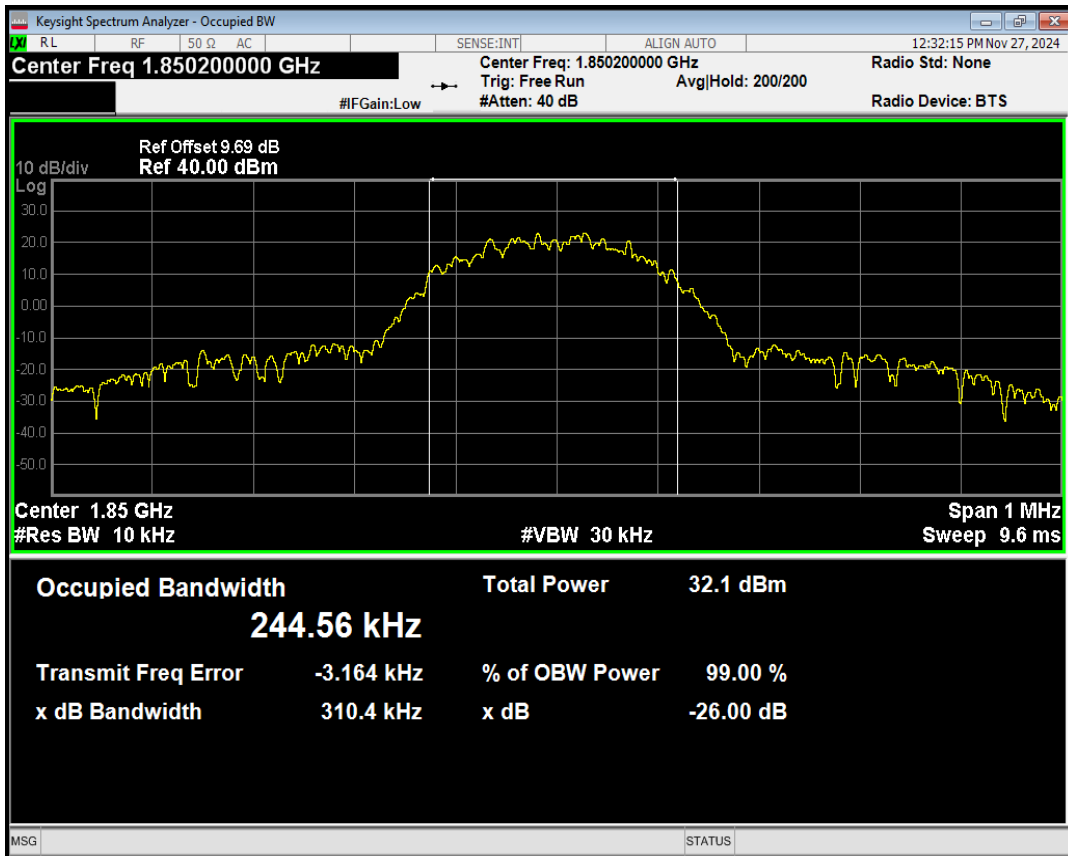
### 10 Occupied bandwidth

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 240.409       | 313.782         | PASS    |
| GPRS1900 | 661     | 1880            | 241.204       | 308.647         | PASS    |
| GPRS1900 | 810     | 1909.8          | 242.926       | 314.692         | PASS    |
| GPRS850  | 128     | 824.2           | 244.499       | 317.759         | PASS    |
| GPRS850  | 190     | 836.6           | 250.274       | 322.833         | PASS    |
| GPRS850  | 251     | 848.8           | 242.979       | 316.793         | PASS    |

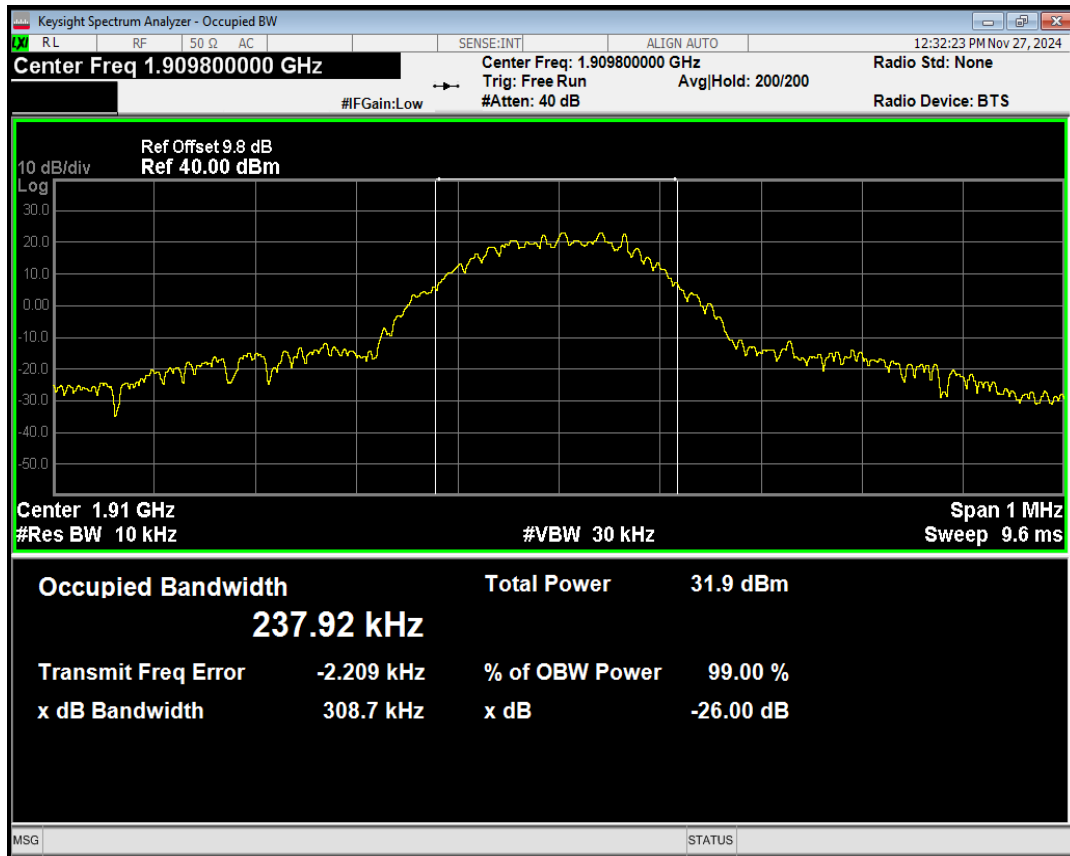
EGPRS1900 Channel=661



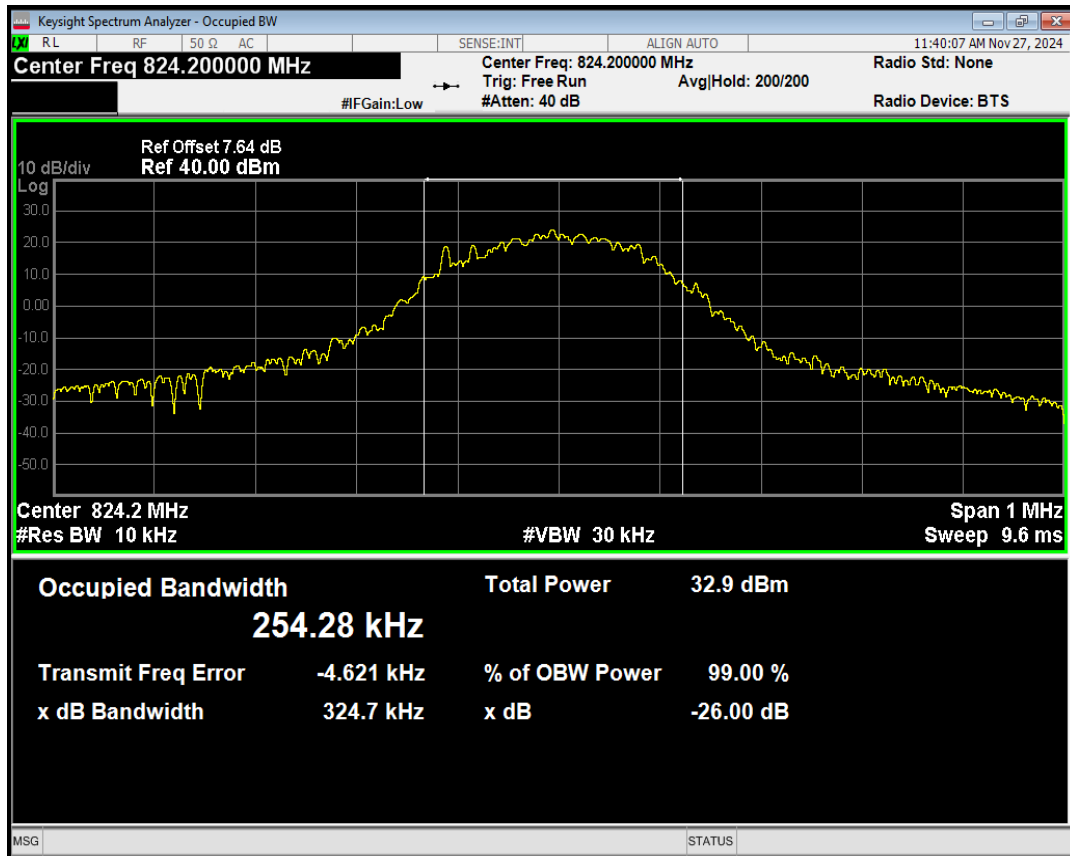
EGPRS1900 Channel=512



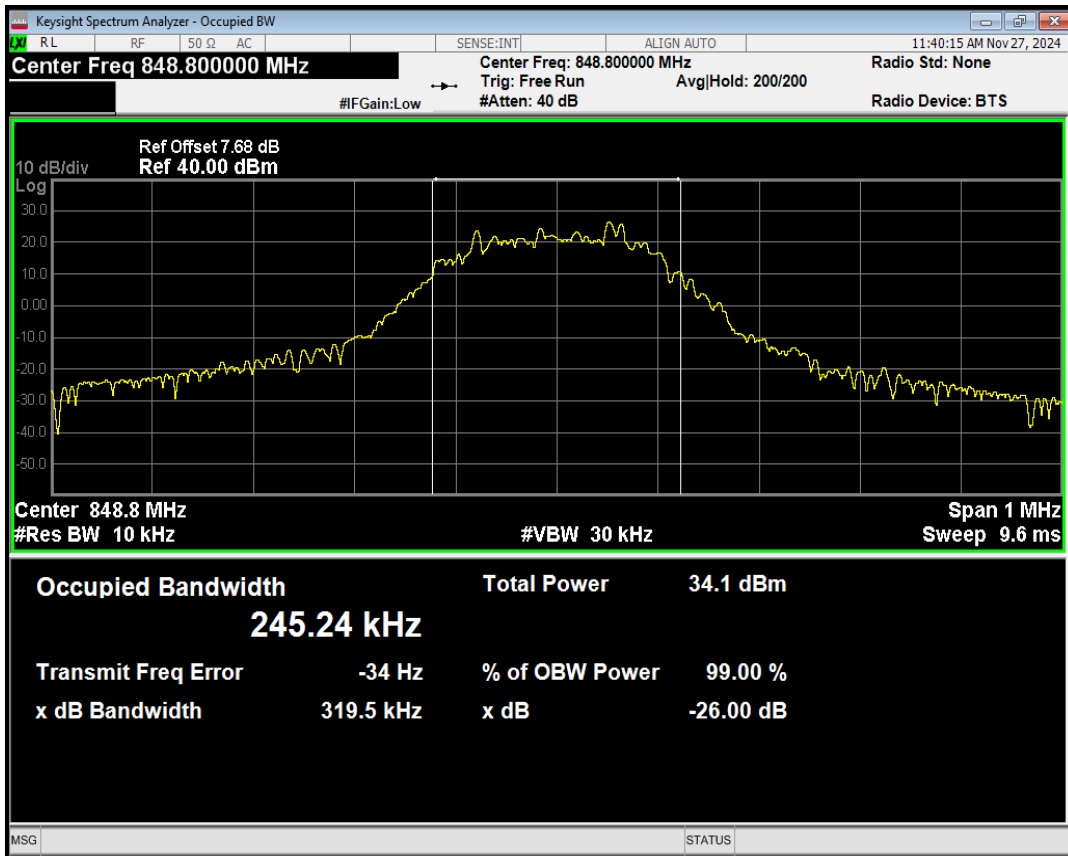
EGPRS1900 Channel=810



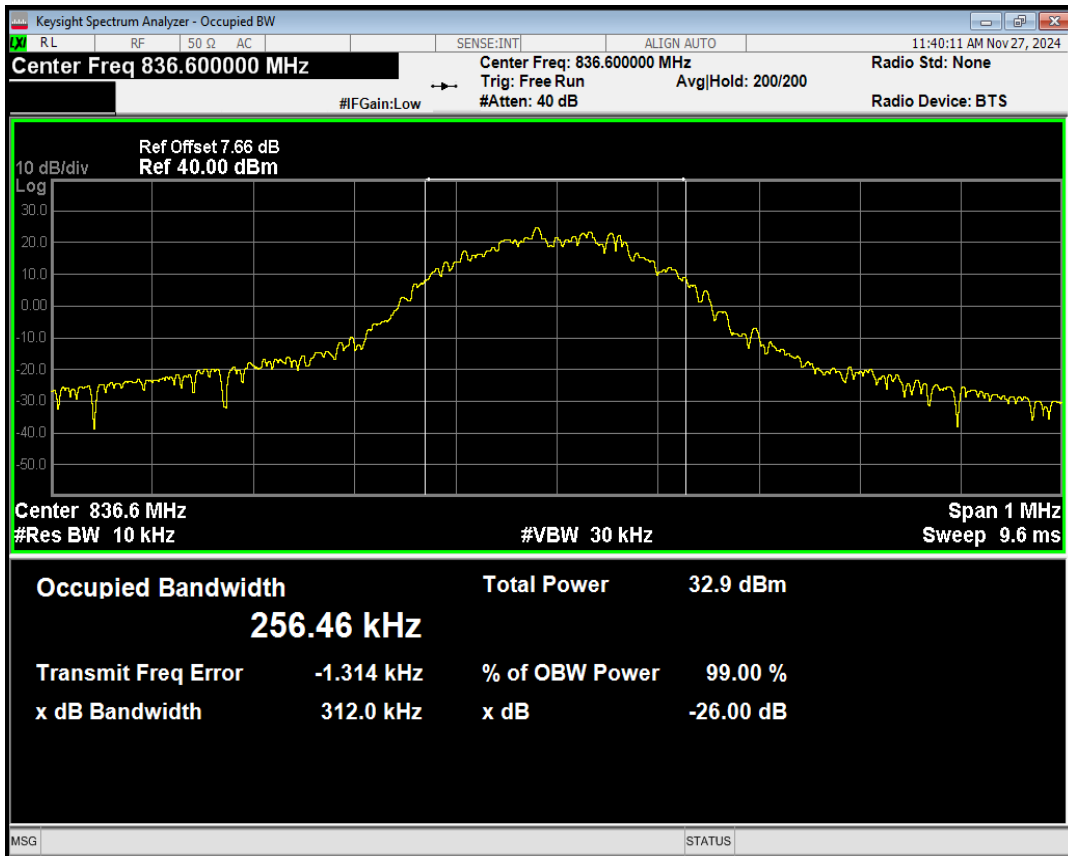
EGPRS850 Channel=128



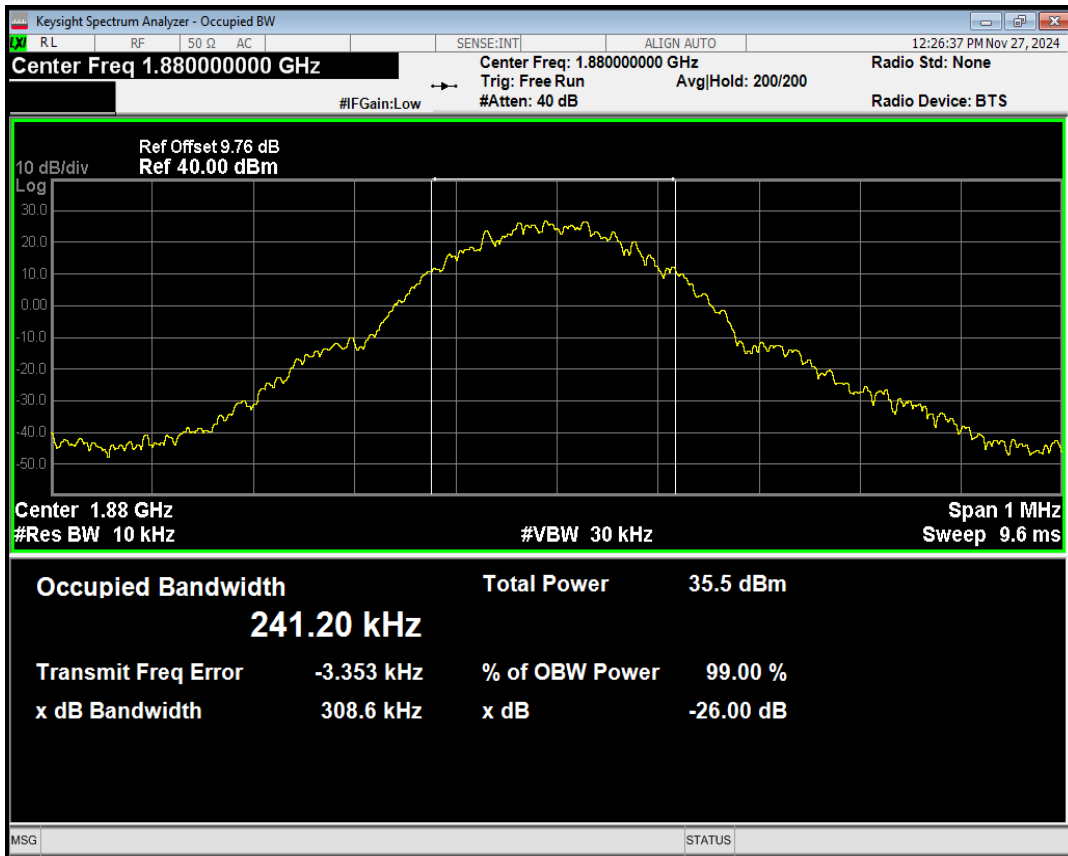
EGPRS850 Channel=251



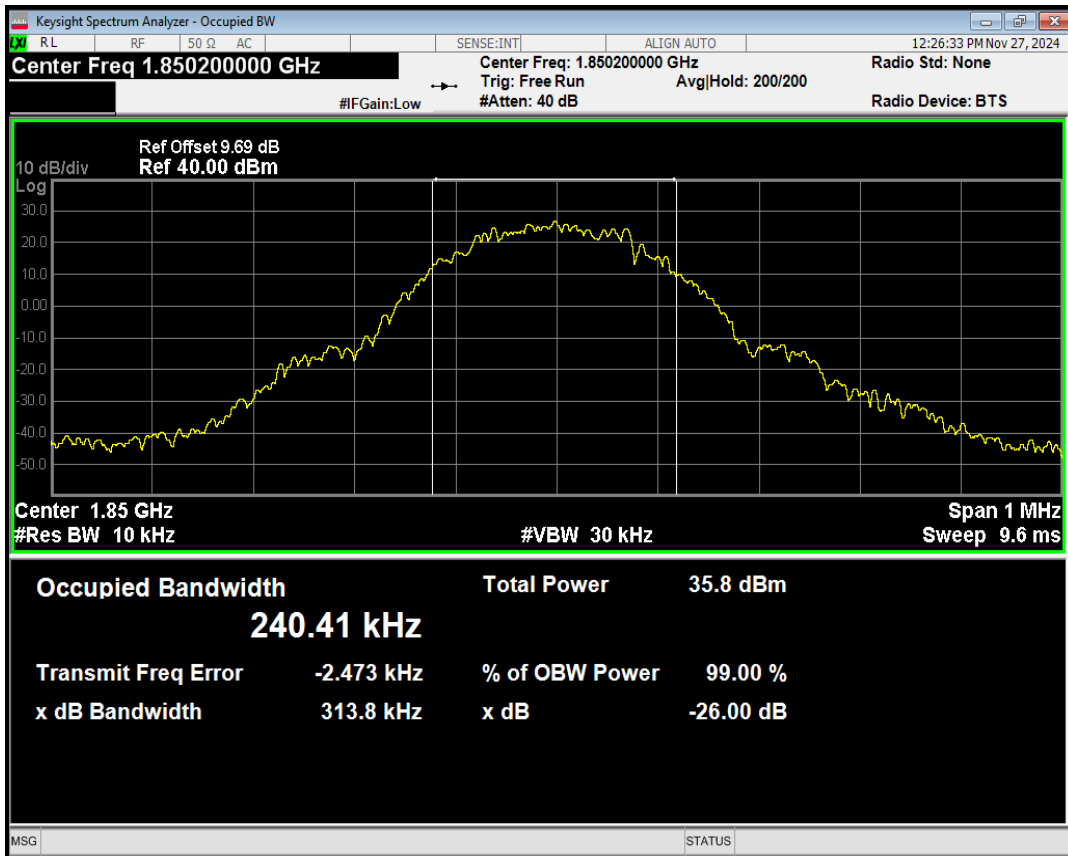
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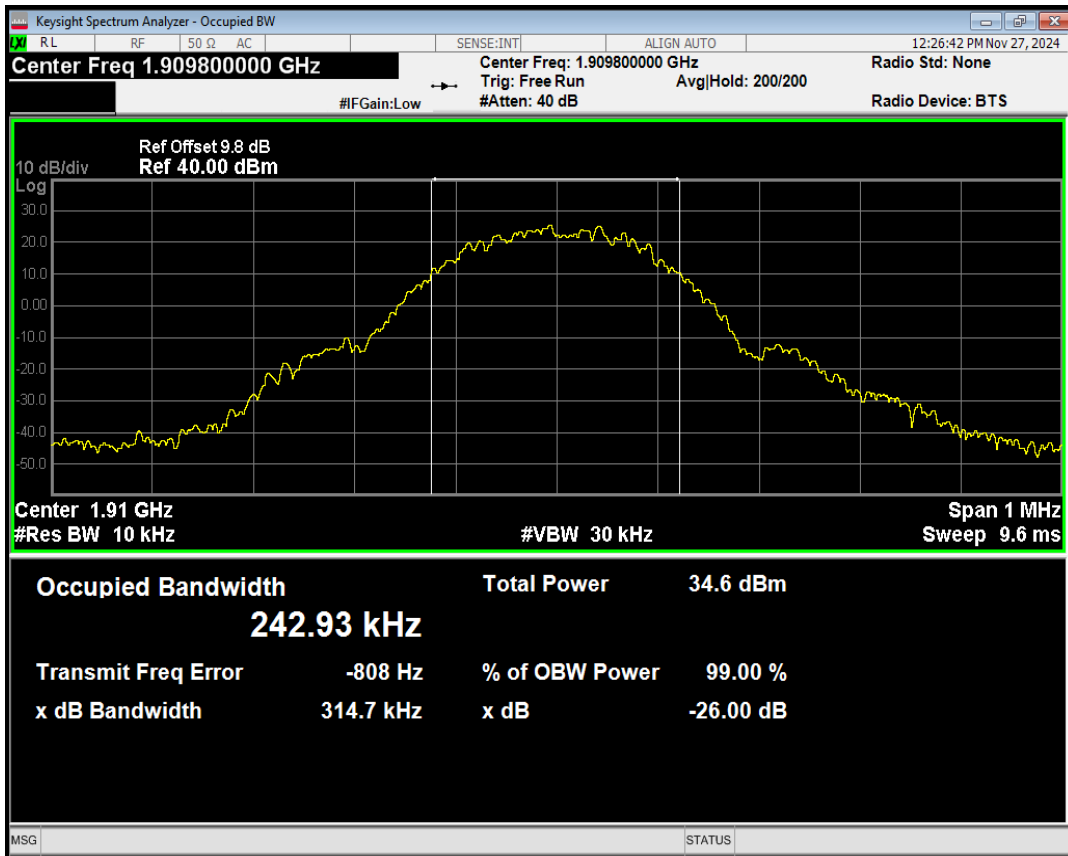
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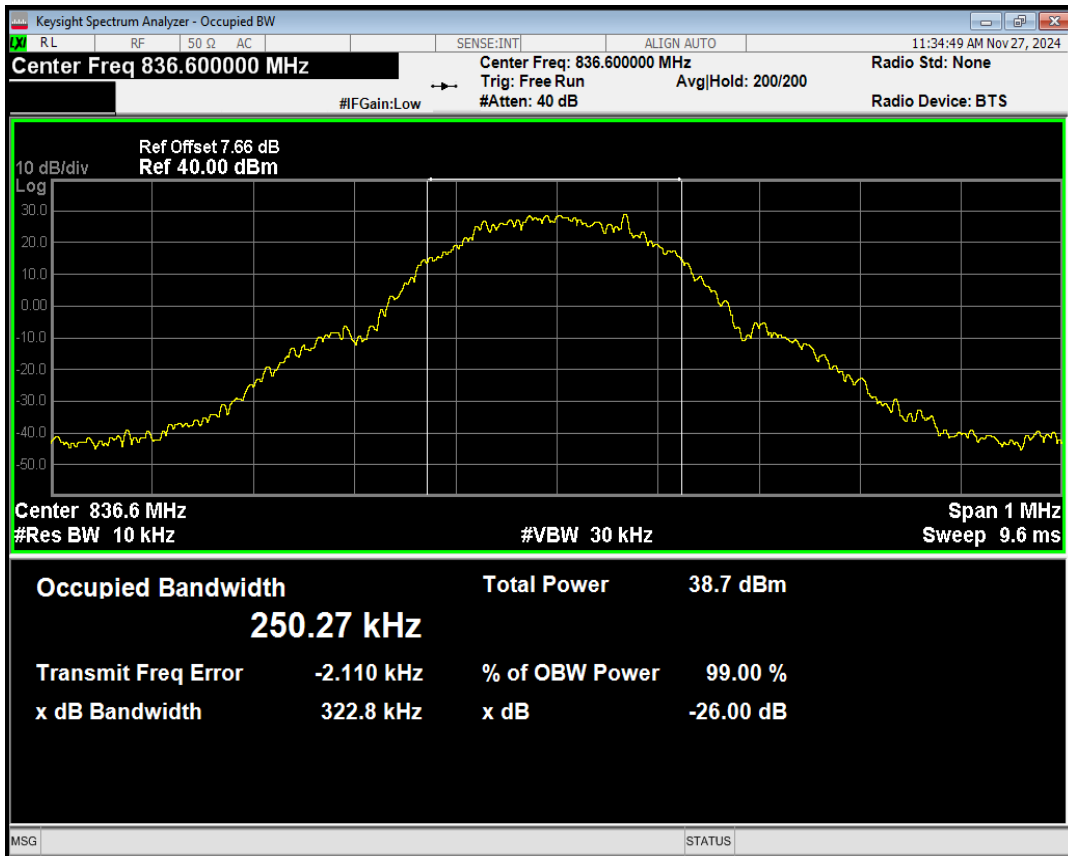
GPRS1900 Channel=512



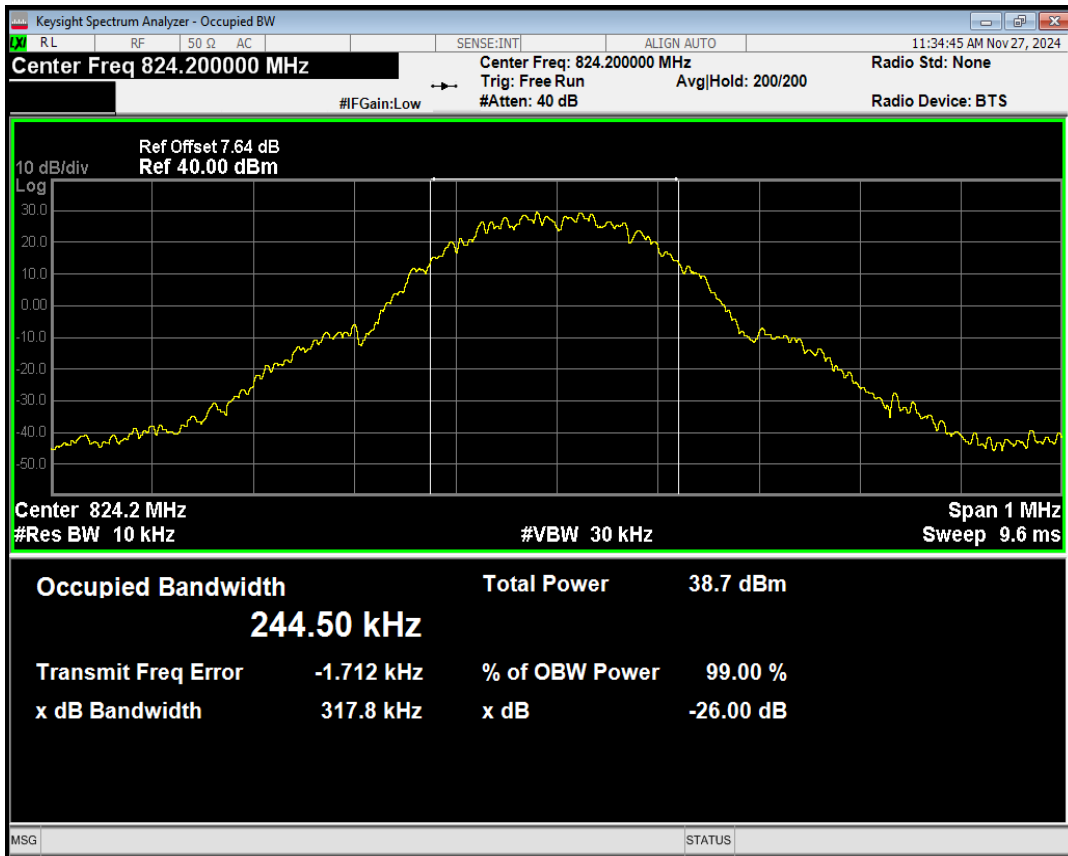
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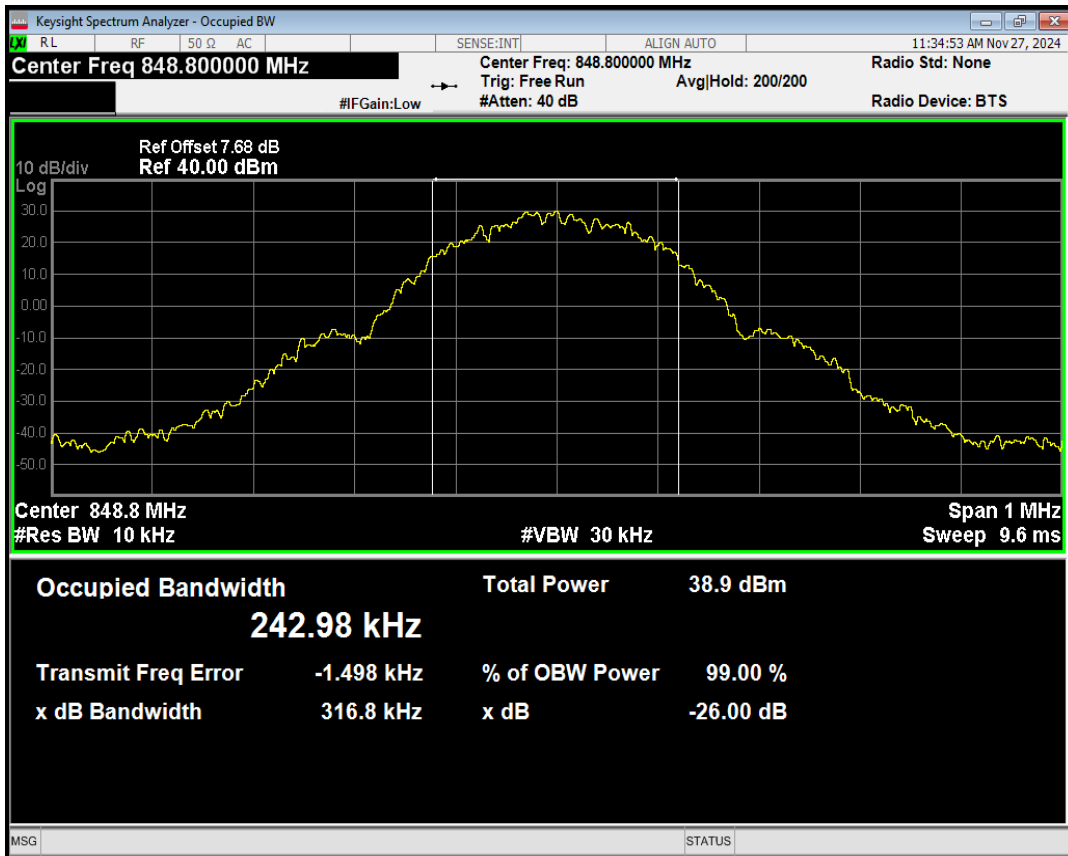
GPRS850 Channel=190



GPRS850 Channel=128



GPRS850 Channel=251



**17 Band edge**

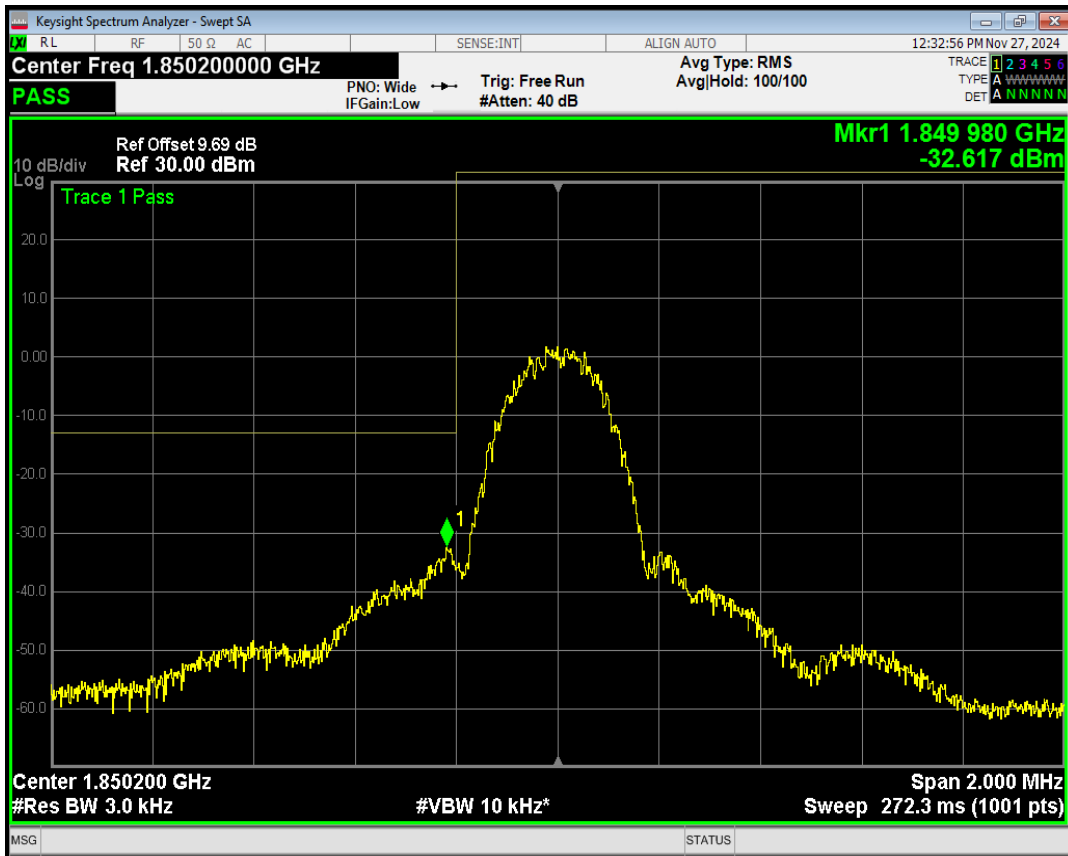
| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1849.98         | -32.61           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.01         | -32.13           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.99          | -32.50           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.02          | -31.36           | -13         | PASS    |

**11 Band edge**

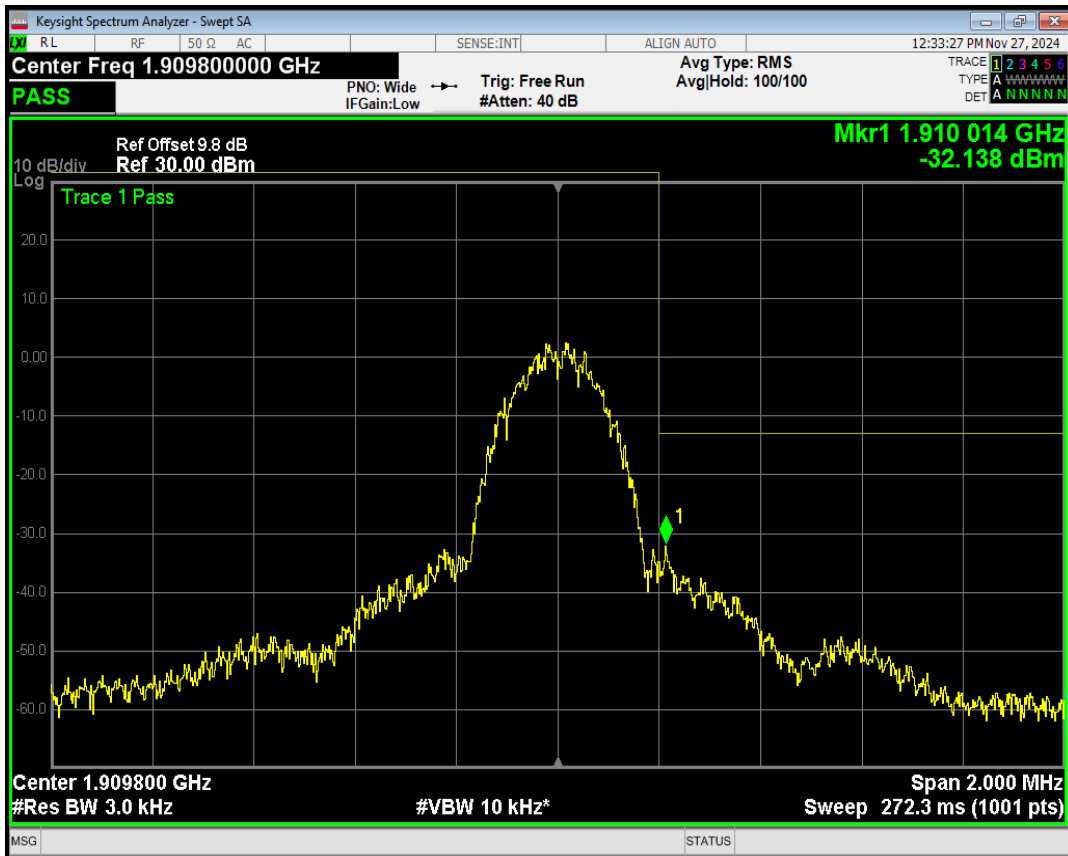
| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1849.98         | -30.54           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.01         | -30.91           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 823.98          | -25.76           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.01          | -27.16           | -13         | PASS    |



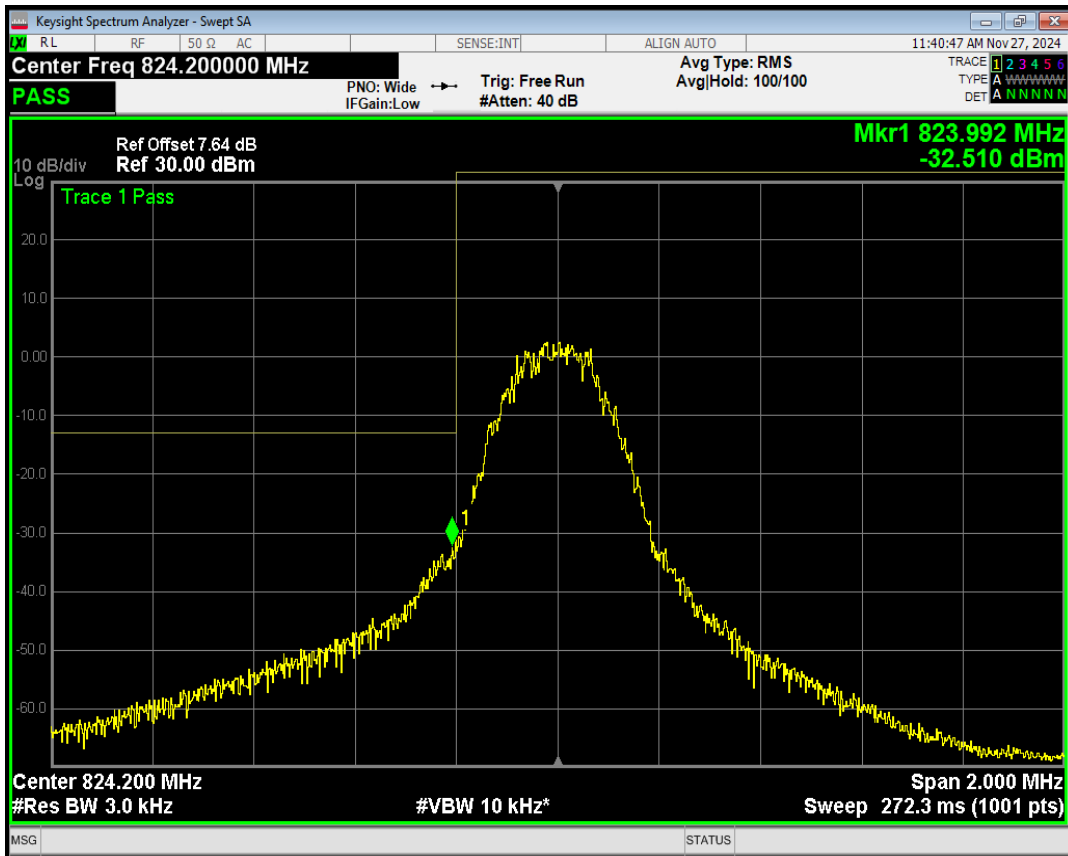
EGPRS1900 Channel=512



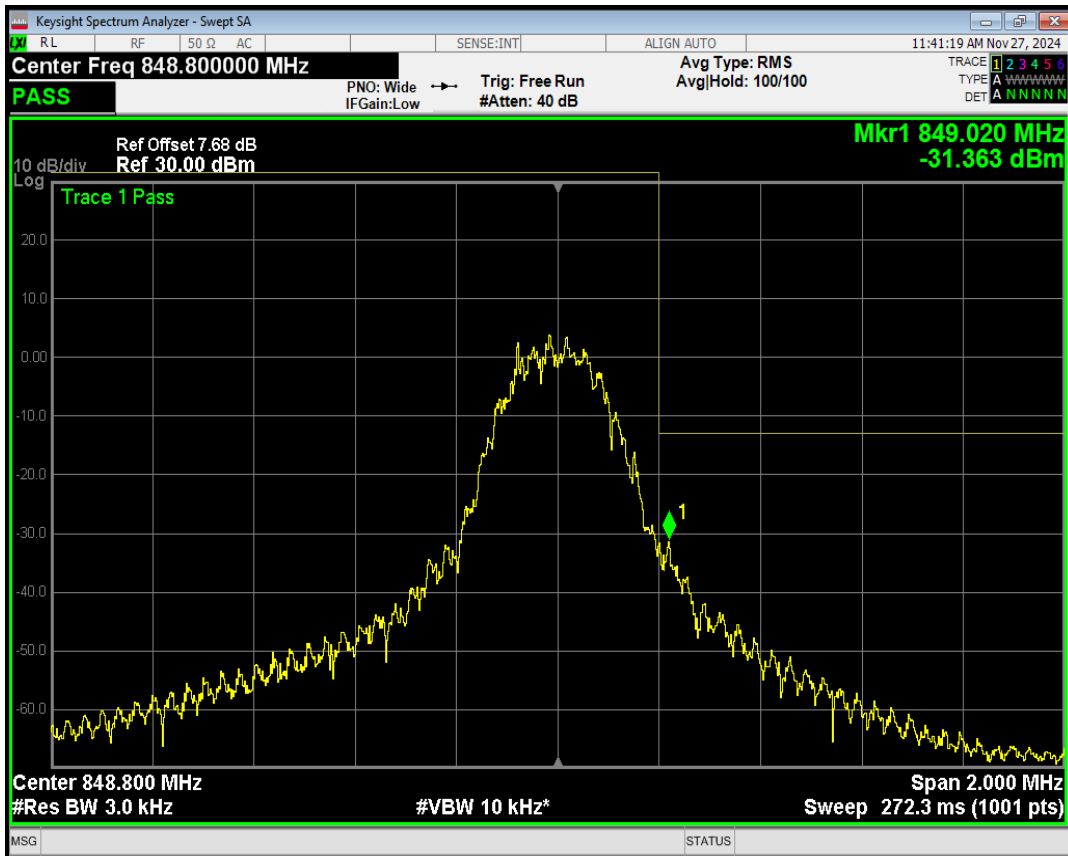
EGPRS1900 Channel=810



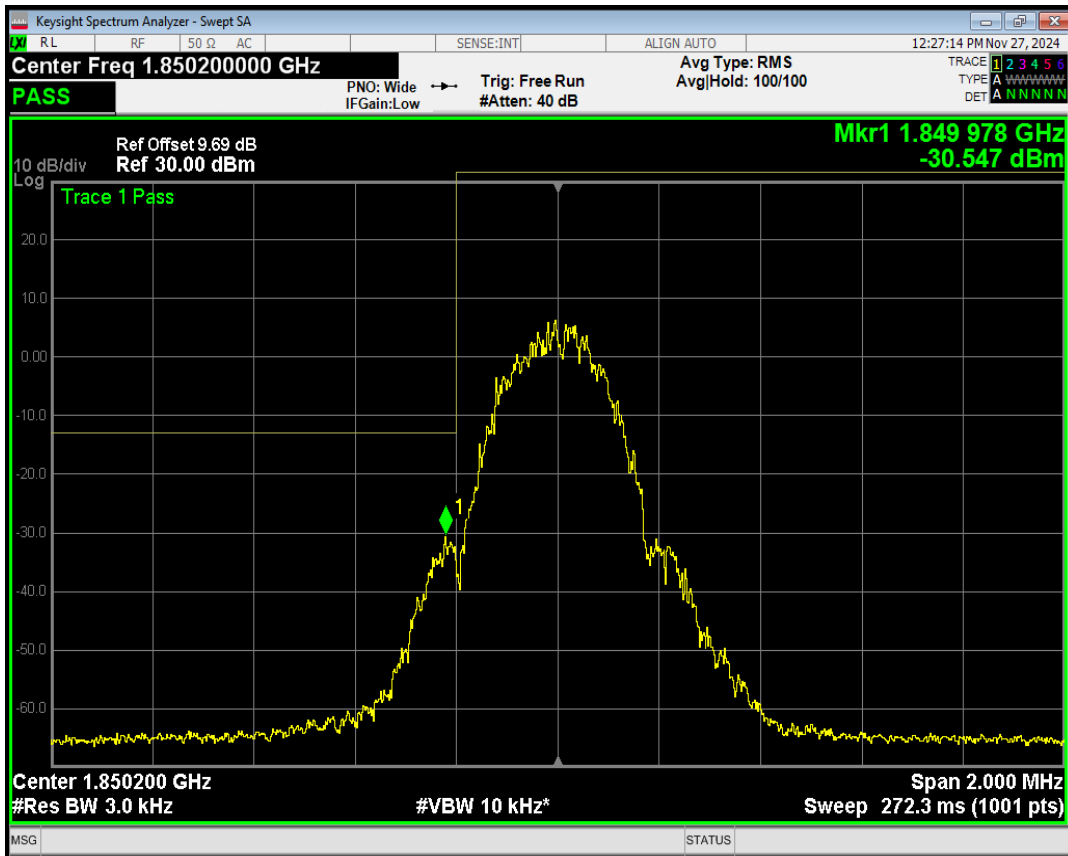
EGPRS850 Channel=128



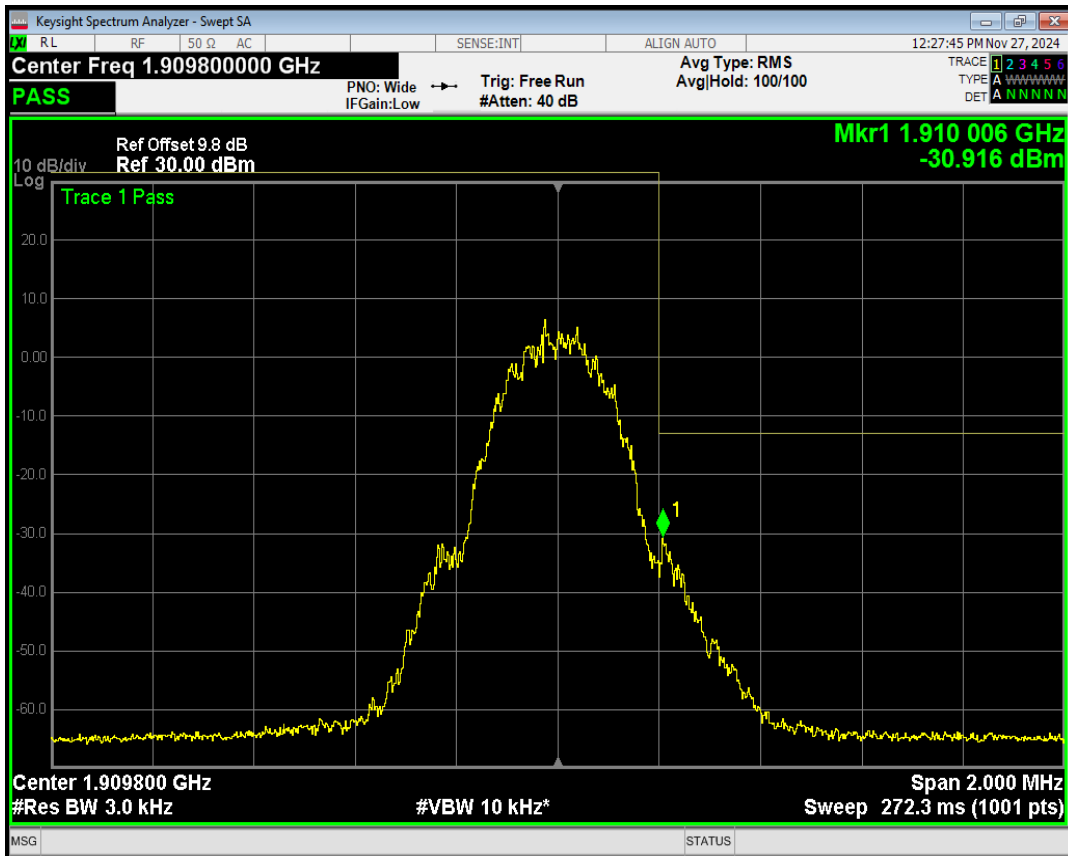
EGPRS850 Channel=251



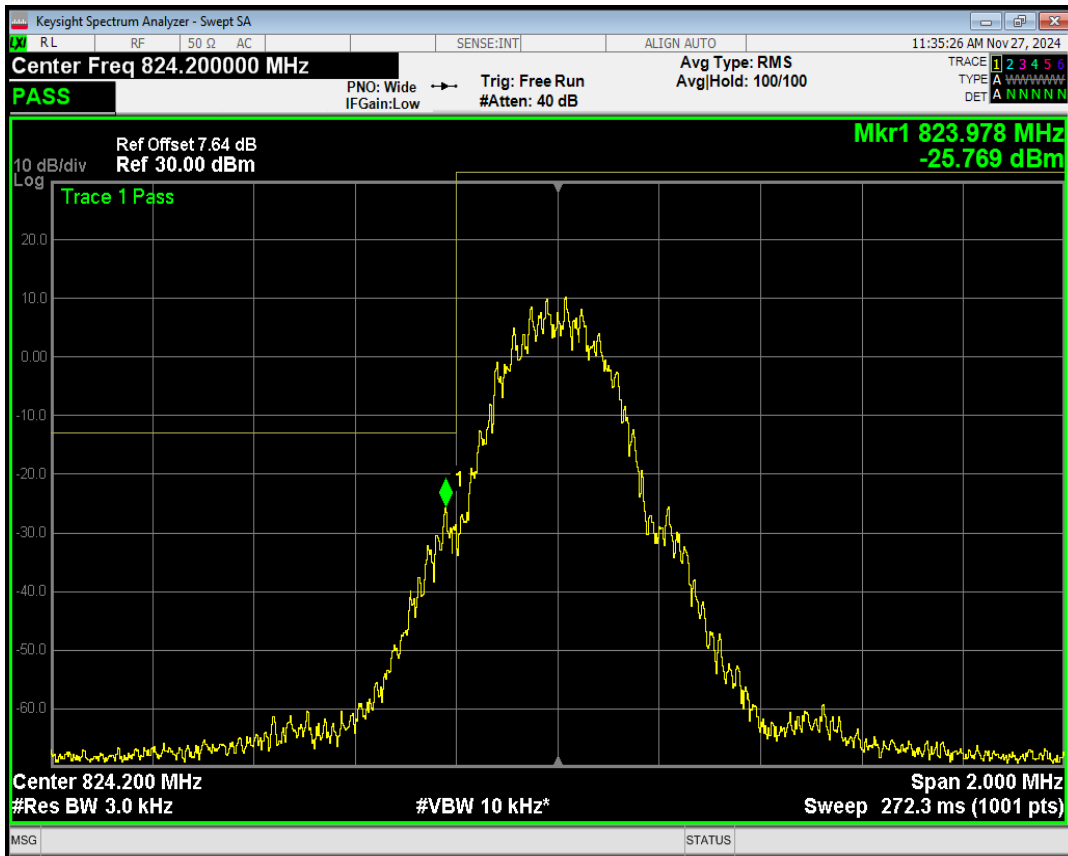
GPRS1900 Channel=512



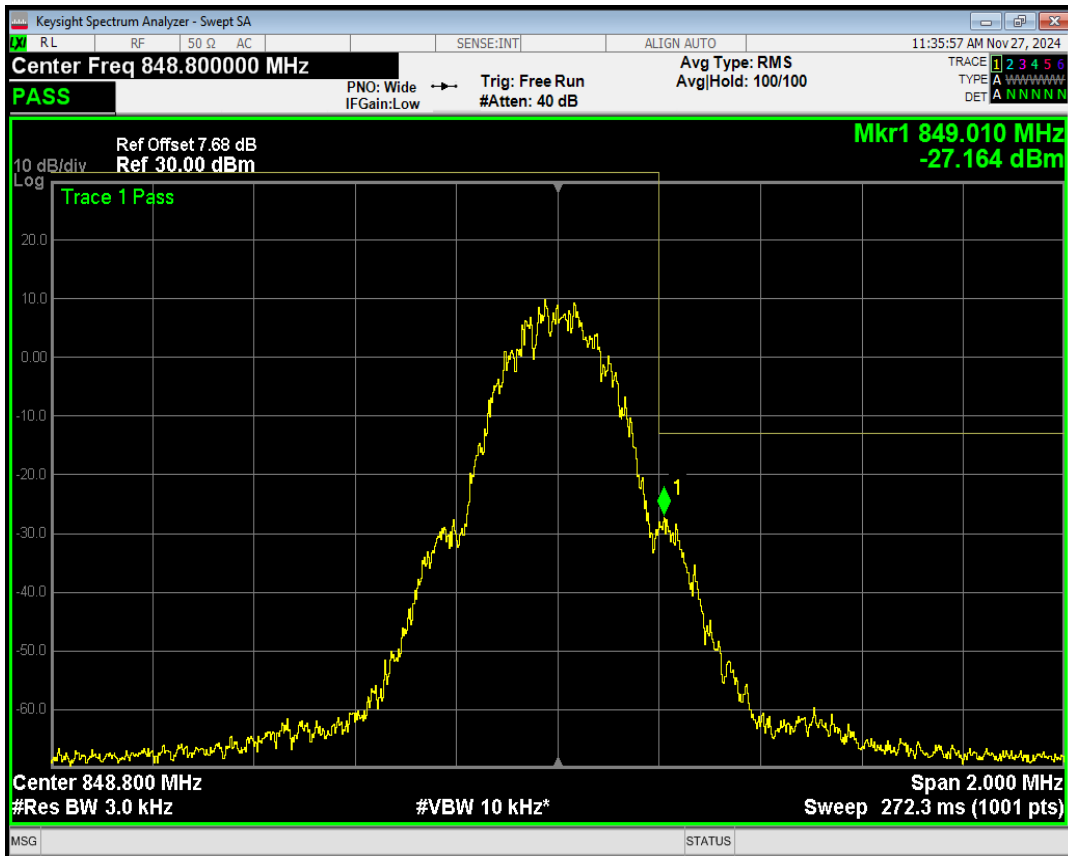
GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=251



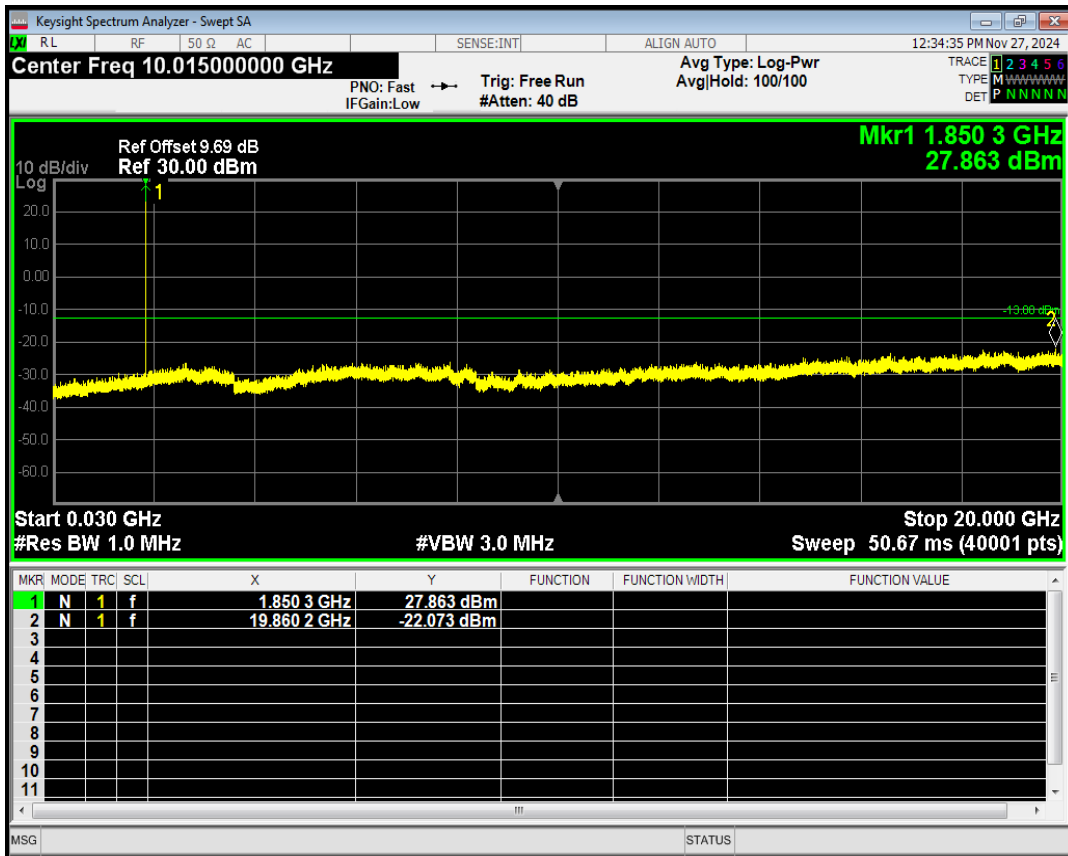
**18 Out-of-band emissions**

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 19860.21        | -22.07           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 18887.17        | -20.84           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 18709.44        | -21.83           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 7806.60         | -28.41           | -13         | PASS    |
| EGPRS850  | 190     | 836.6           | 6206.42         | -28.02           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 5988.07         | -28.20           | -13         | PASS    |

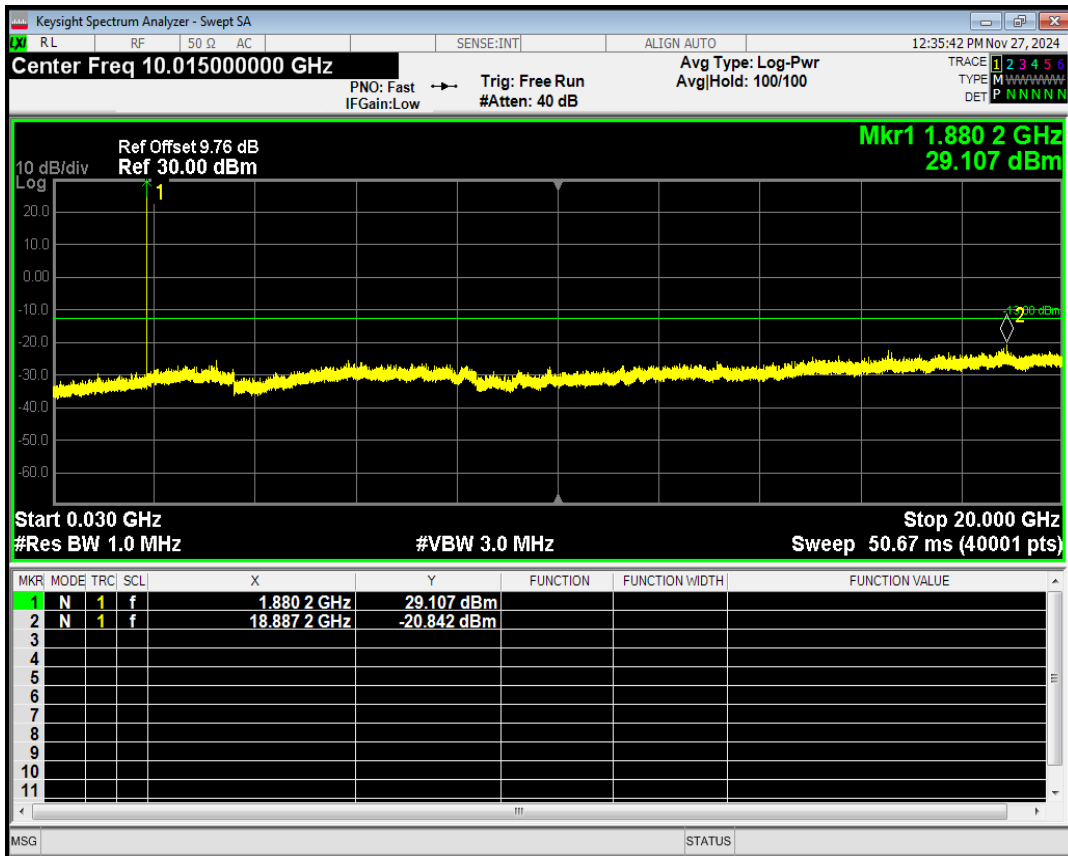
**12 Out-of-band emissions**

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 18910.14        | -22.49           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 18117.83        | -22.83           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 19855.22        | -22.07           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 6162.30         | -28.45           | -13         | PASS    |
| GPRS850  | 190     | 836.6           | 7224.85         | -28.32           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 7229.34         | -28.35           | -13         | PASS    |

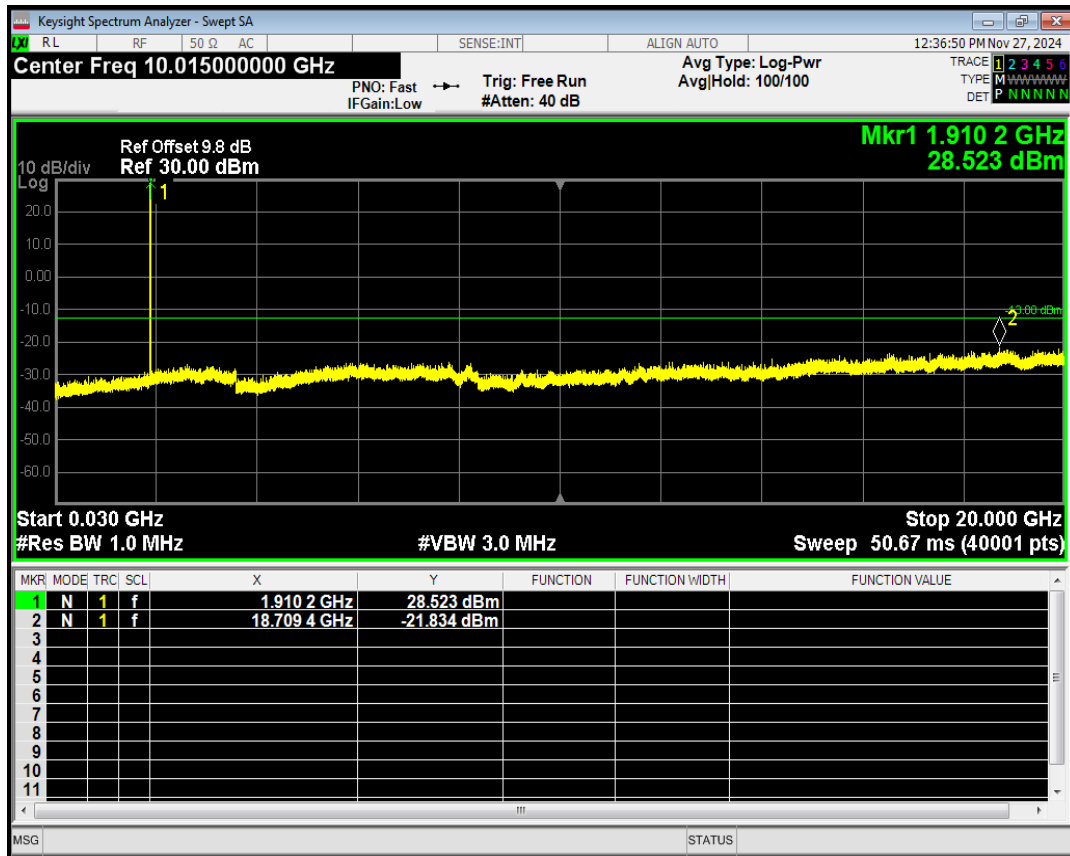
EGPRS1900 Channel=512



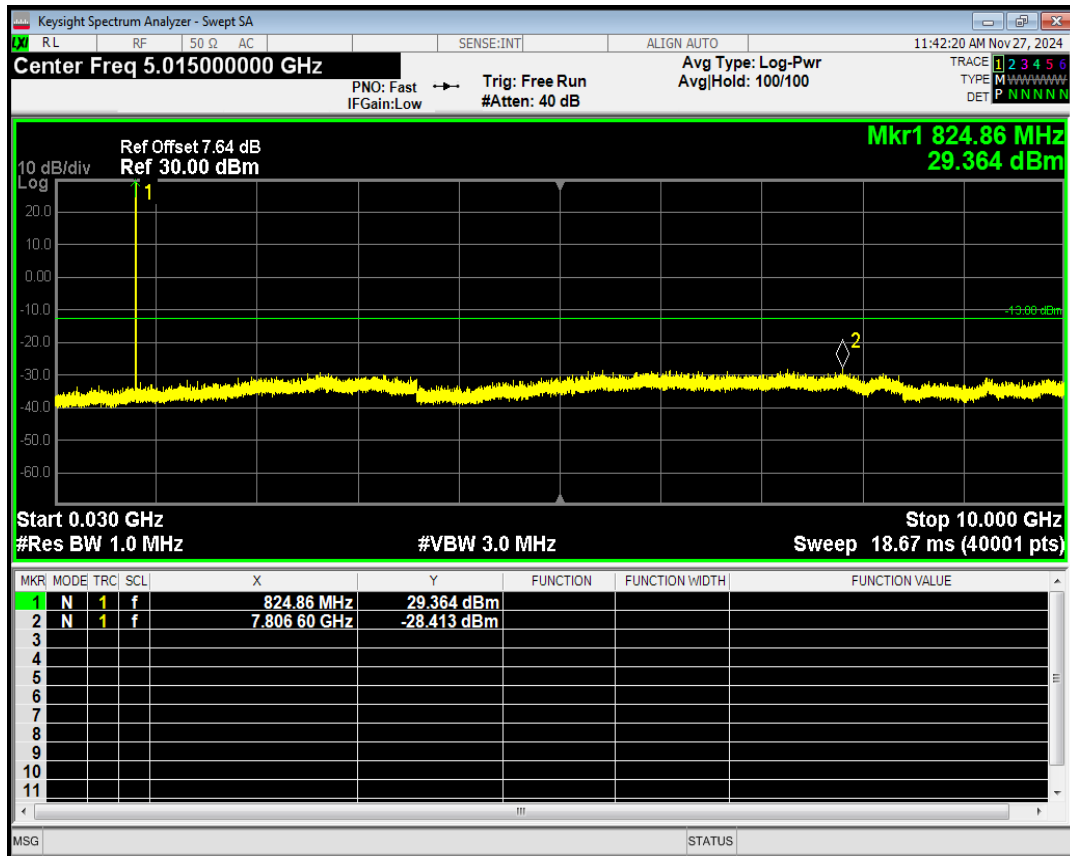
EGPRS1900 Channel=661



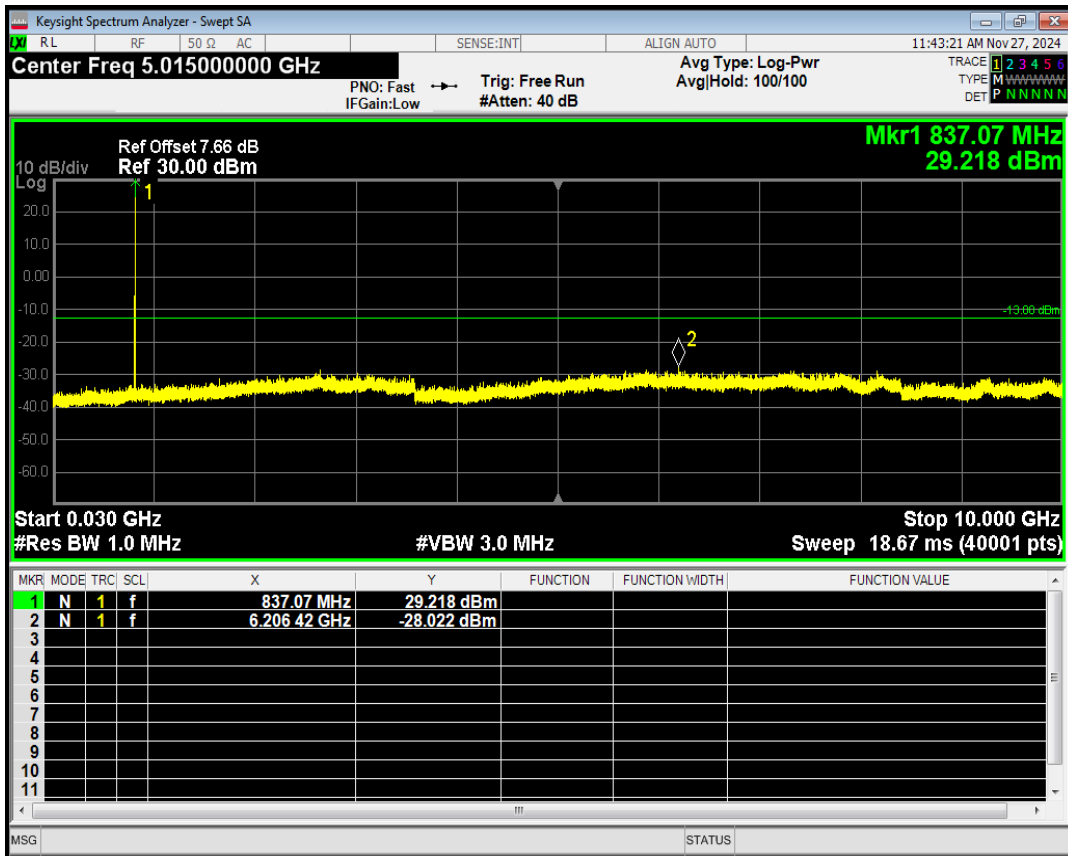
# EGPRS1900 Channel=810



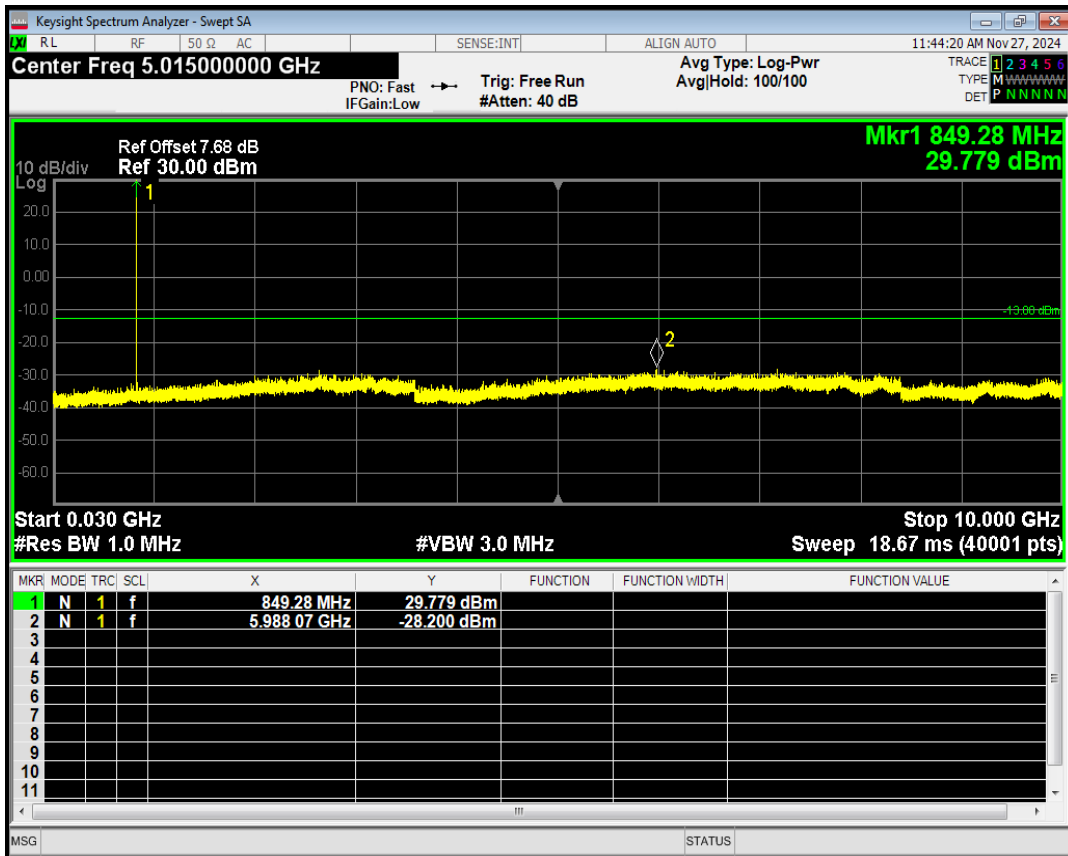
# EGPRS850 Channel=128



## EGPRS850 Channel=190

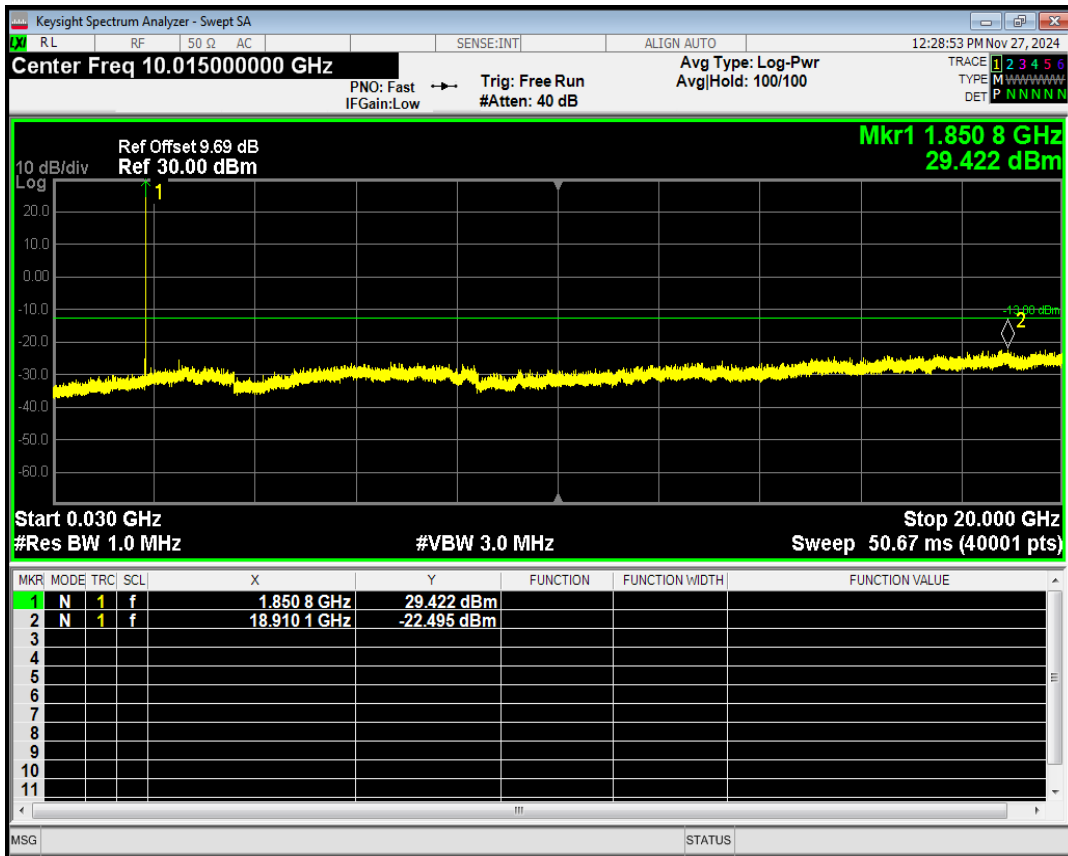


## EGPRS850 Channel=251

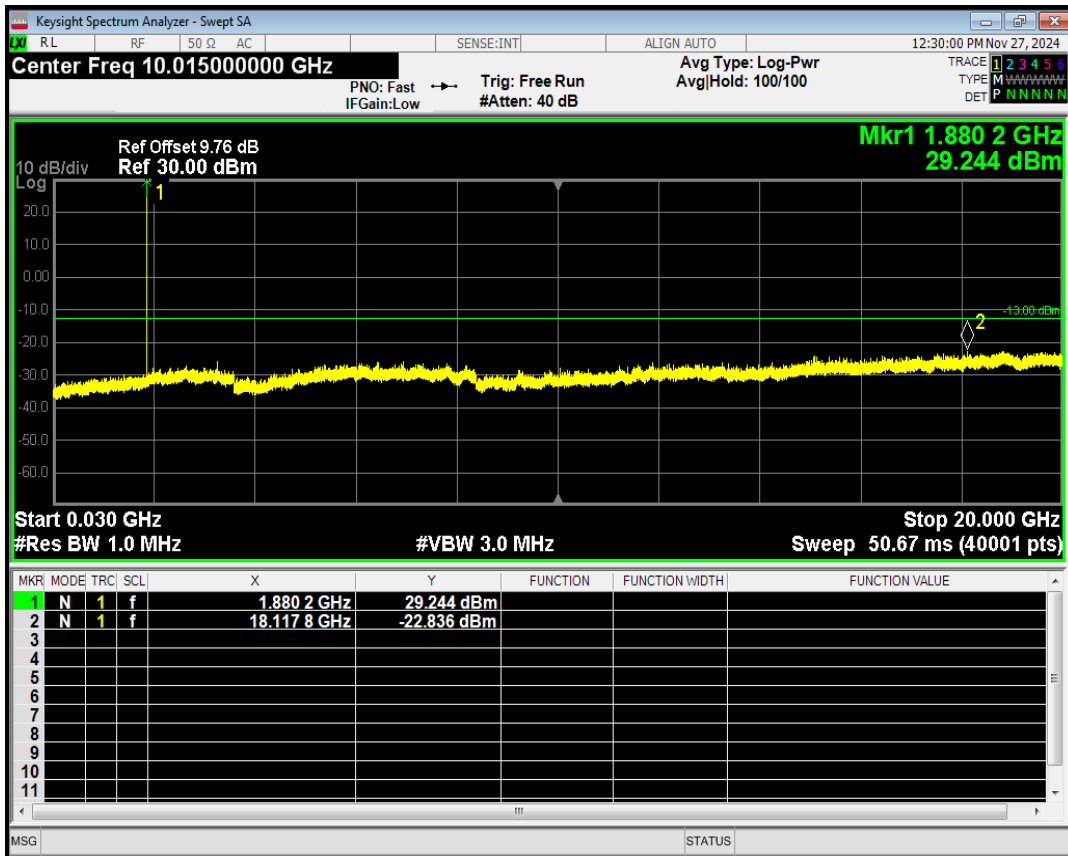




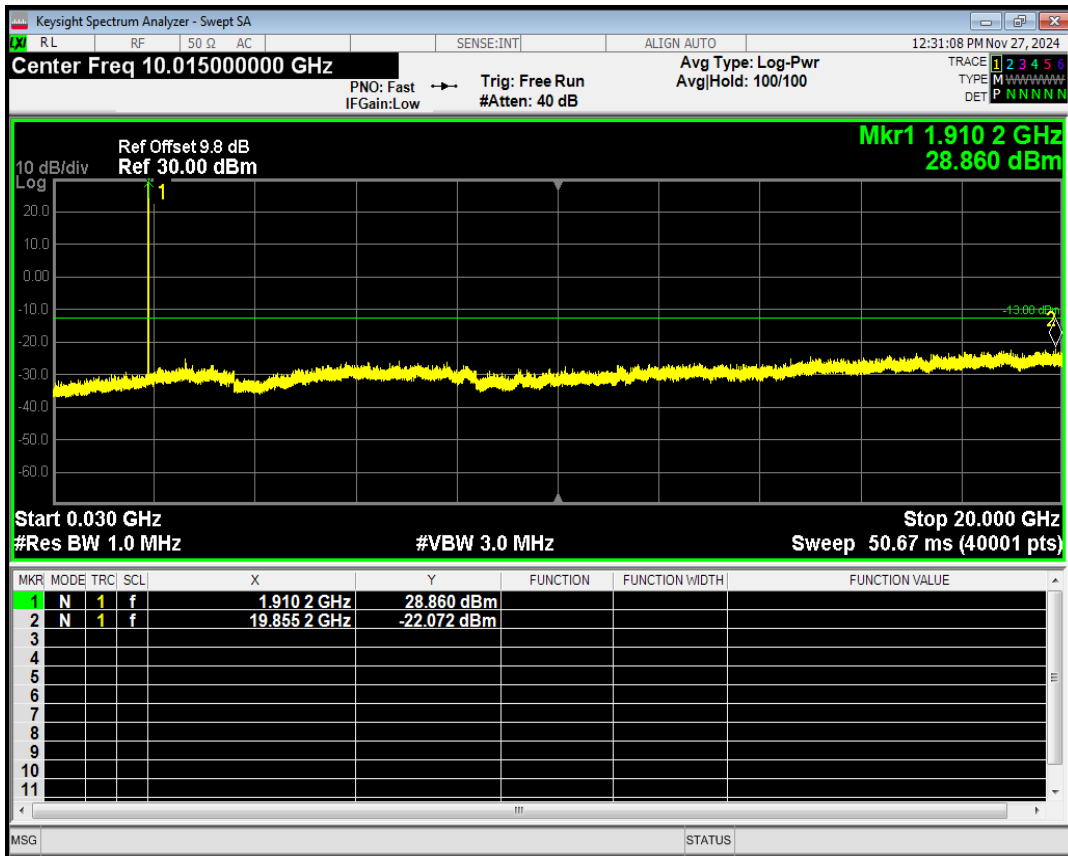
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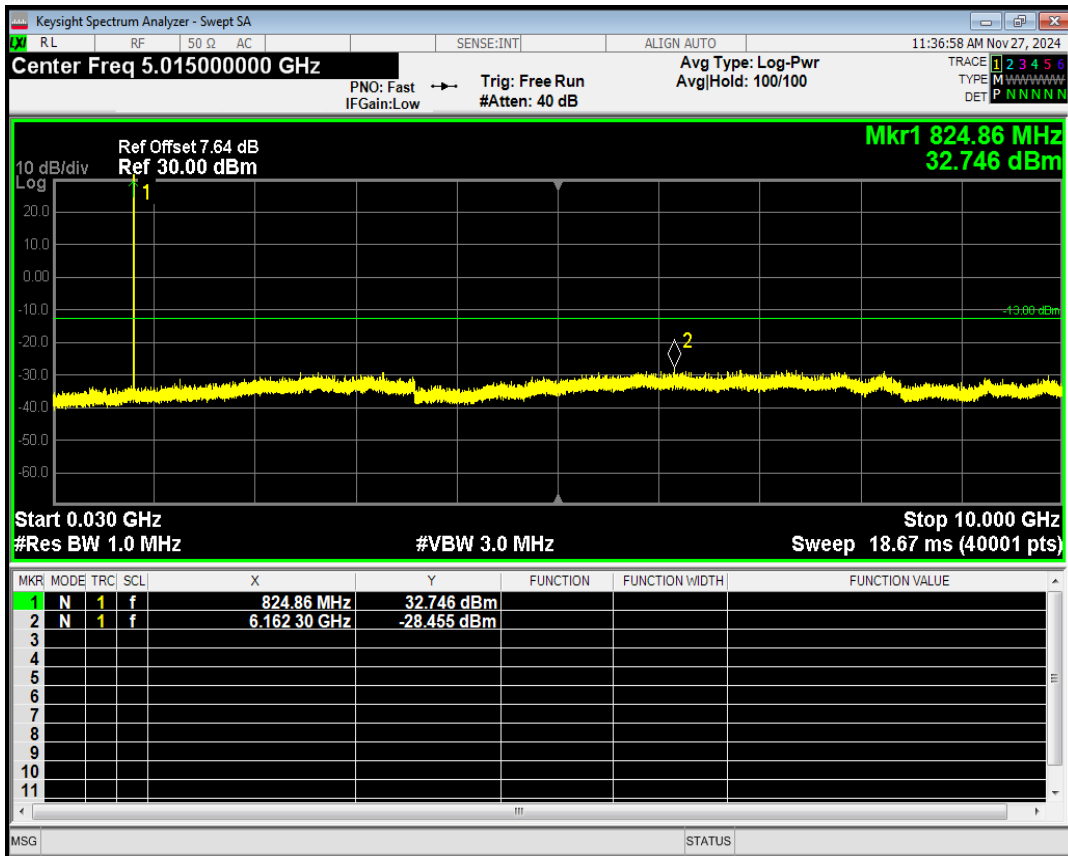
GPRS1900 Channel=661



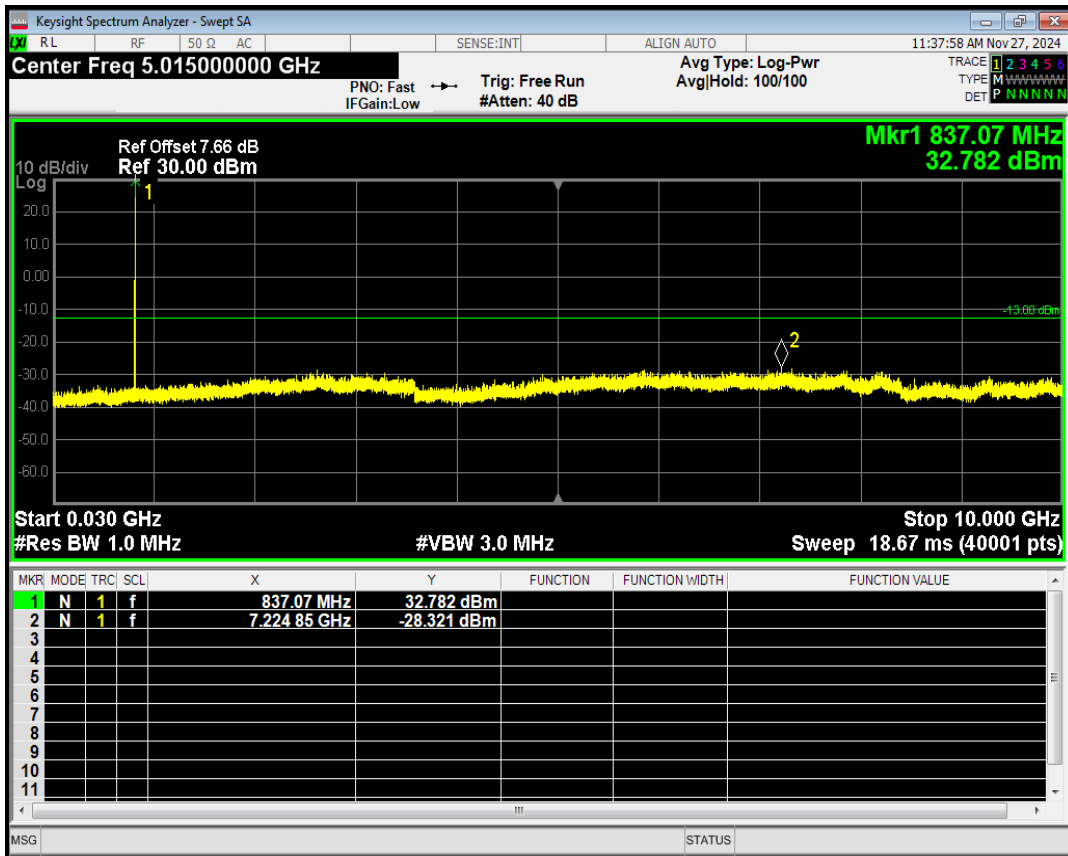
GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



GPRS850 Channel=251

