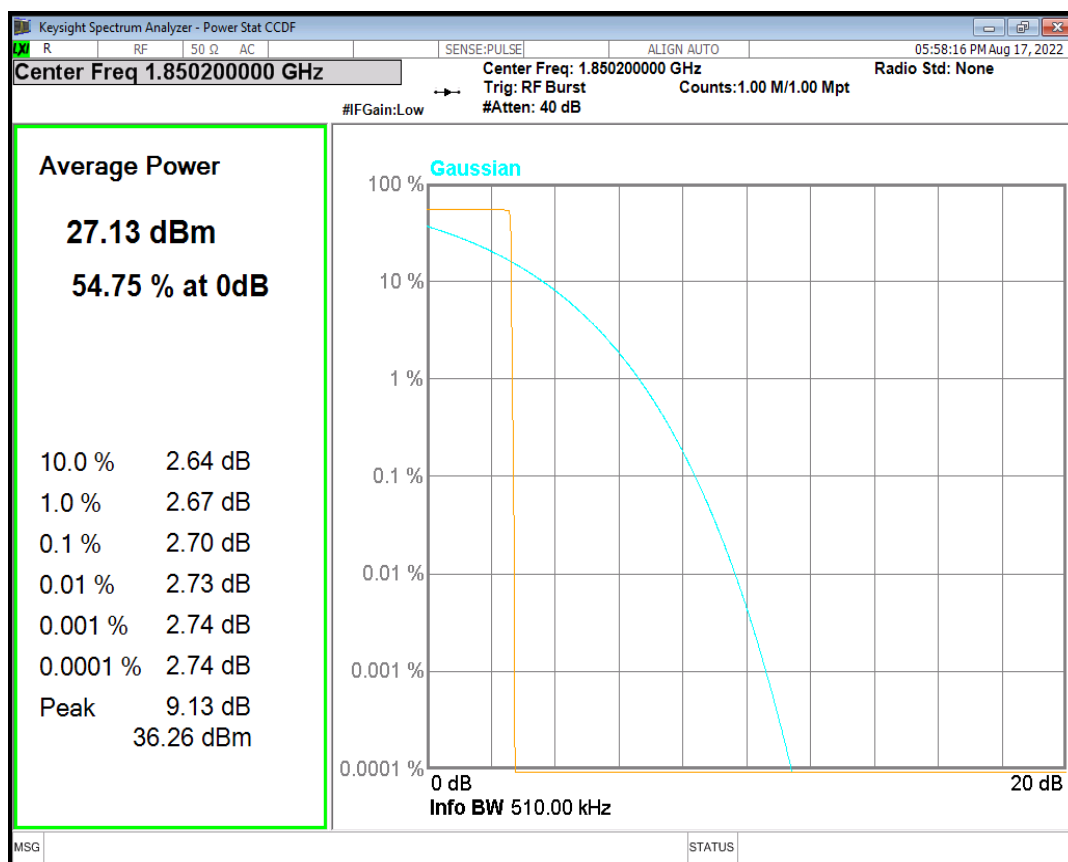


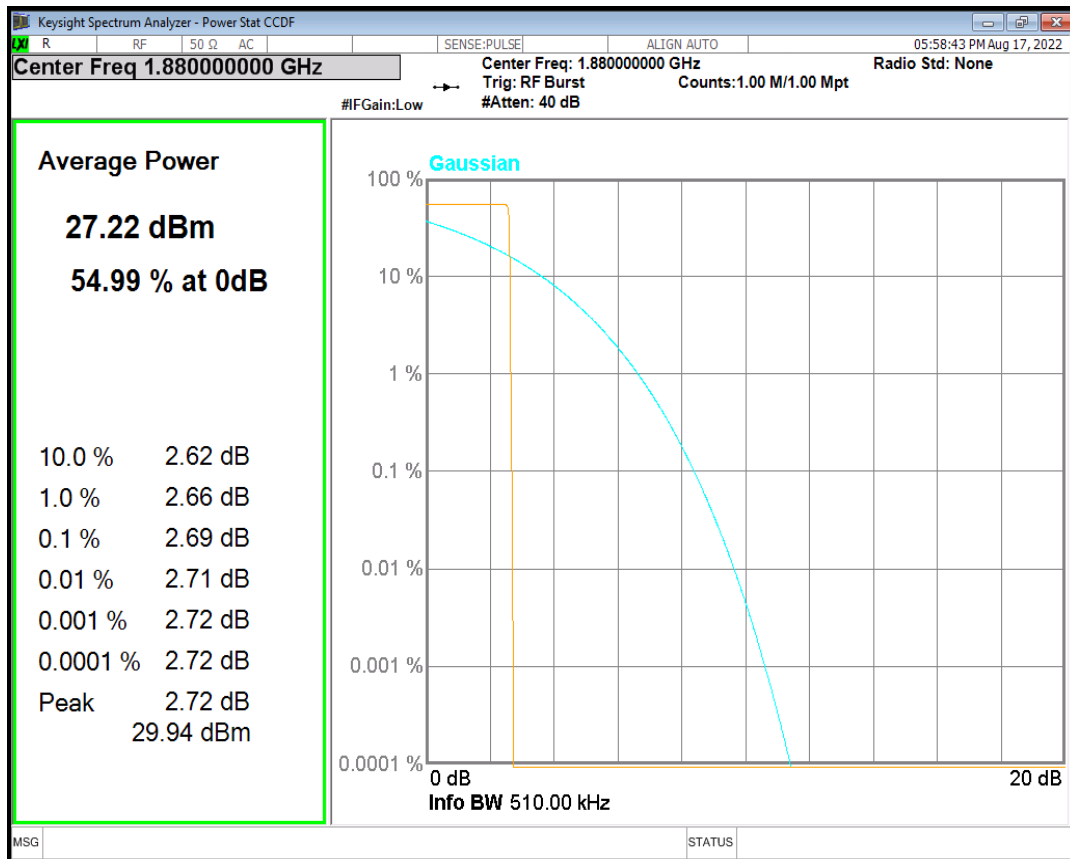
**03 Peak-to-Average Ratio**

| Band    | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 2.70        | 13              | PASS    |
| GSM1900 | 661     | 1880            | 2.69        | 13              | PASS    |
| GSM1900 | 810     | 1909.8          | 2.68        | 13              | PASS    |
| GSM850  | 128     | 824.2           | 2.70        | 13              | PASS    |
| GSM850  | 190     | 836.6           | 2.69        | 13              | PASS    |
| GSM850  | 251     | 848.8           | 2.69        | 13              | PASS    |

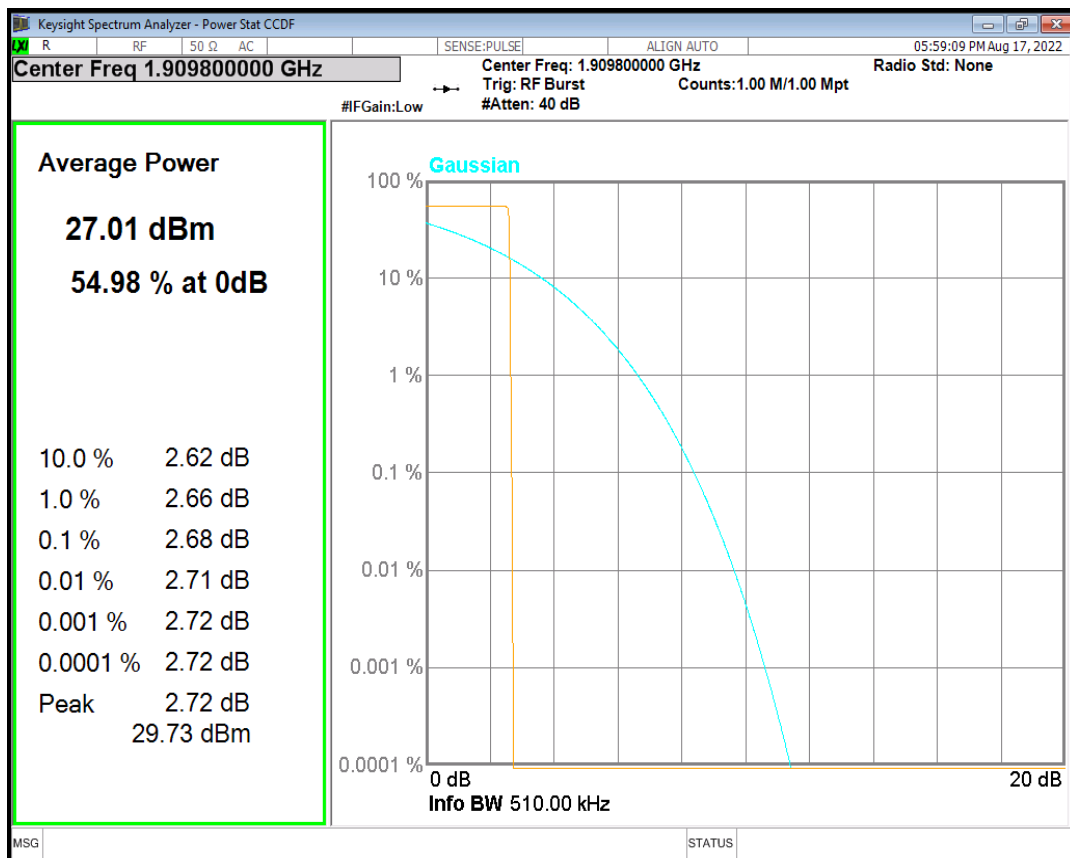
GSM1900 Channel=512



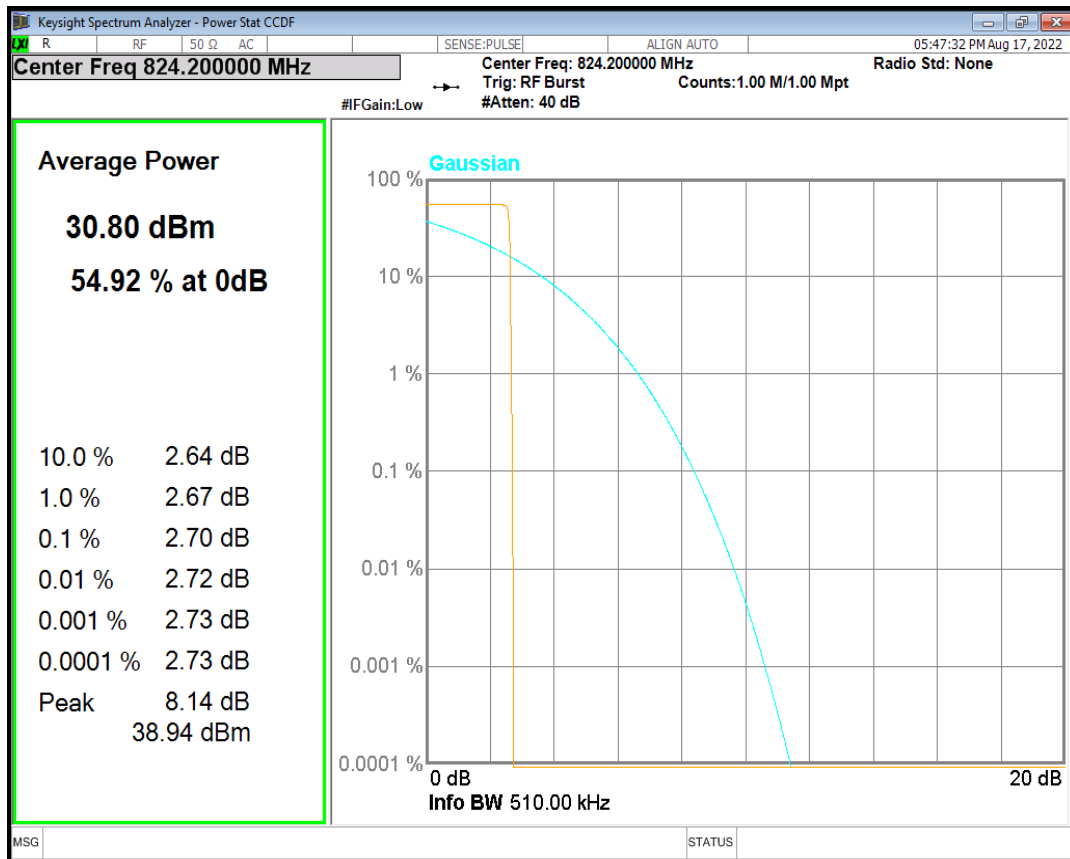
GSM1900 Channel=661



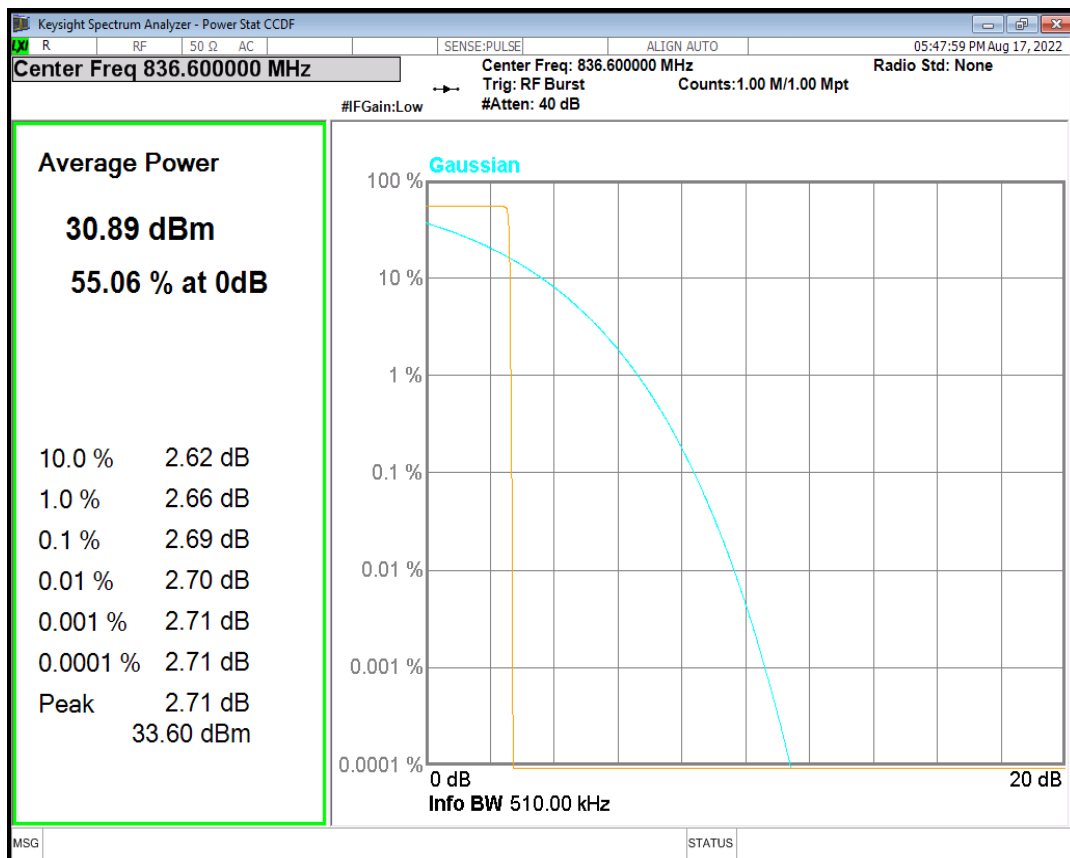
GSM1900 Channel=810



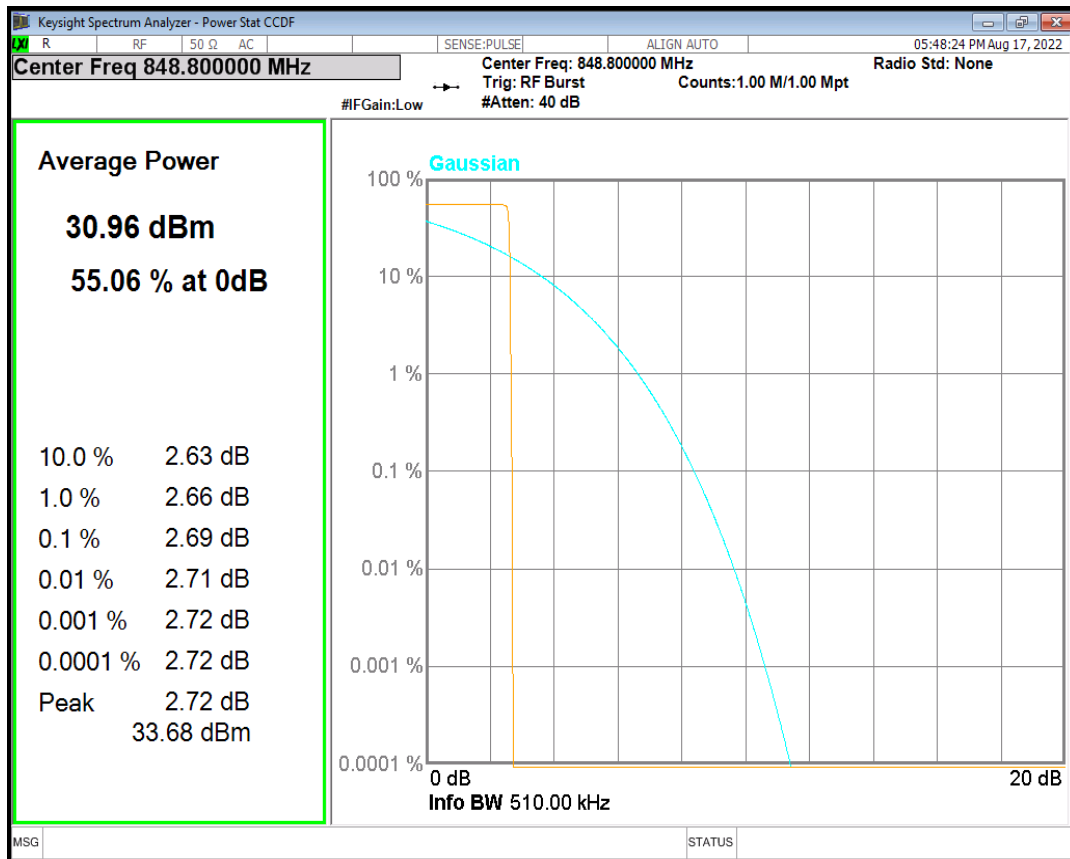
GSM850 Channel=128



GSM850 Channel=190



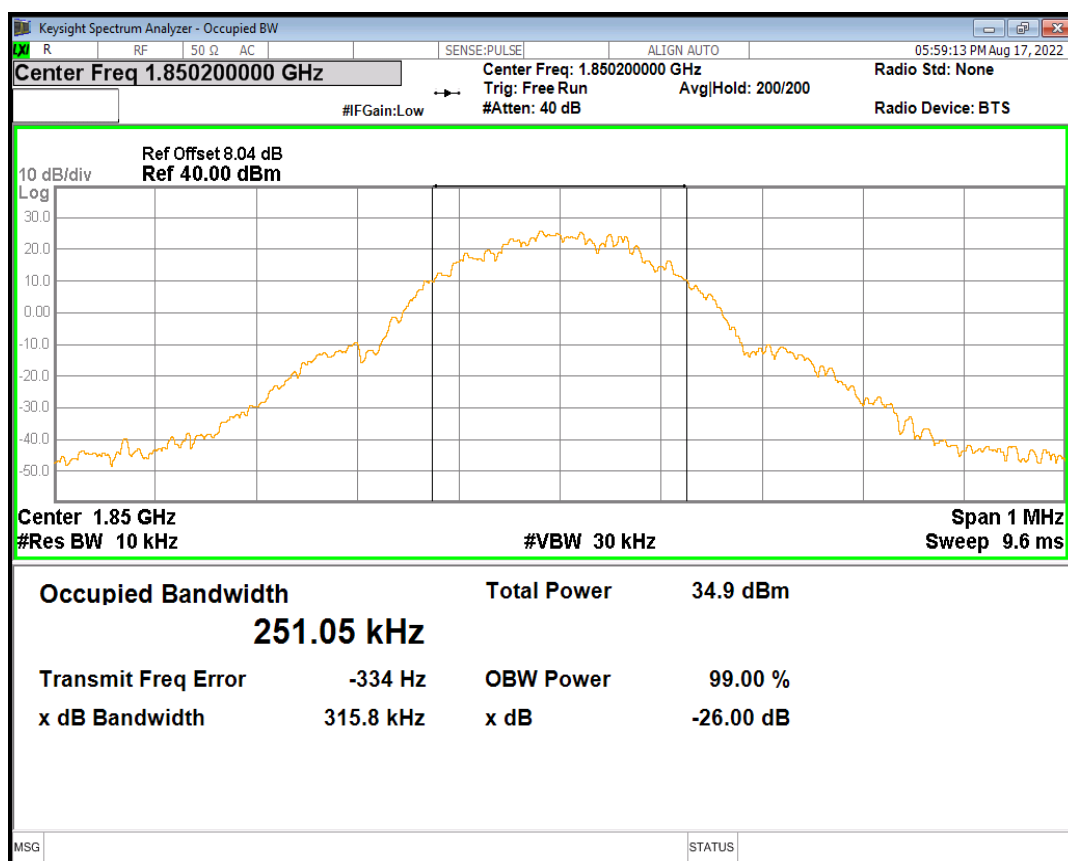
GSM850 Channel=251



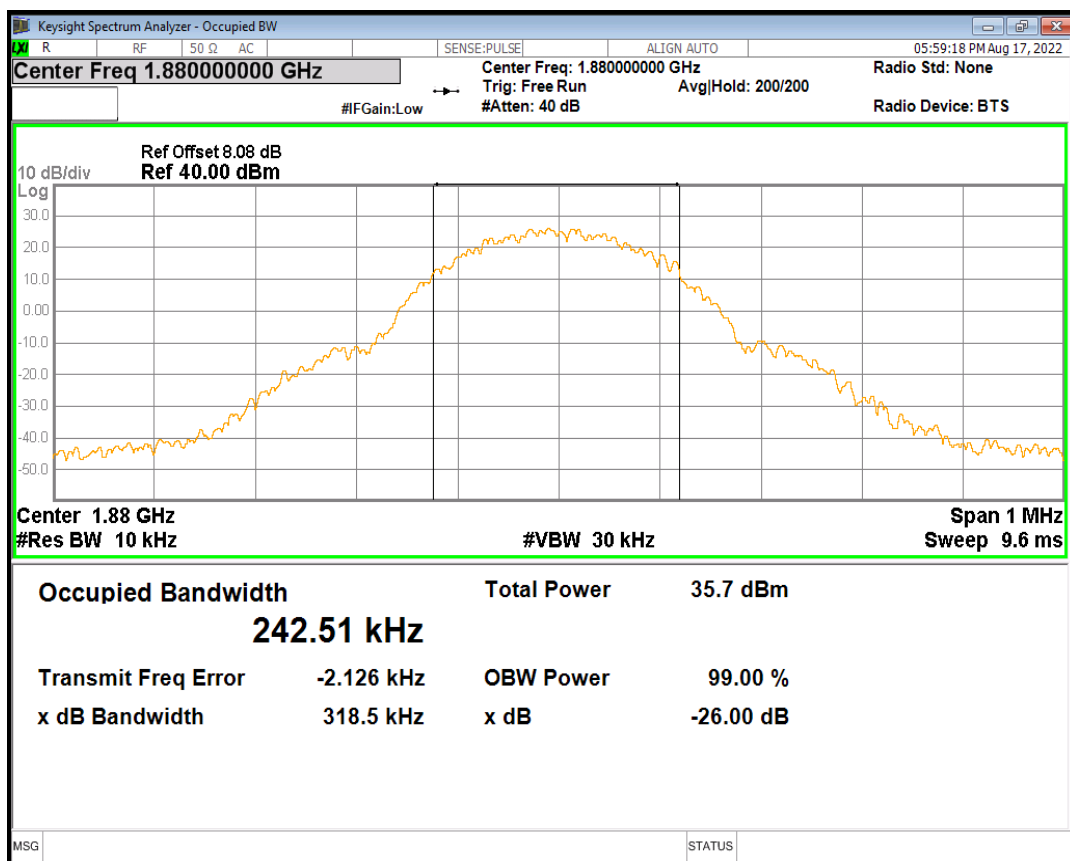
**04 Occupied bandwidth**

| Band    | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512     | 1850.2          | 251.047       | 315.781         | PASS    |
| GSM1900 | 661     | 1880            | 242.507       | 318.462         | PASS    |
| GSM1900 | 810     | 1909.8          | 245.290       | 317.276         | PASS    |
| GSM850  | 128     | 824.2           | 250.718       | 317.966         | PASS    |
| GSM850  | 190     | 836.6           | 252.602       | 322.088         | PASS    |
| GSM850  | 251     | 848.8           | 244.669       | 322.854         | PASS    |

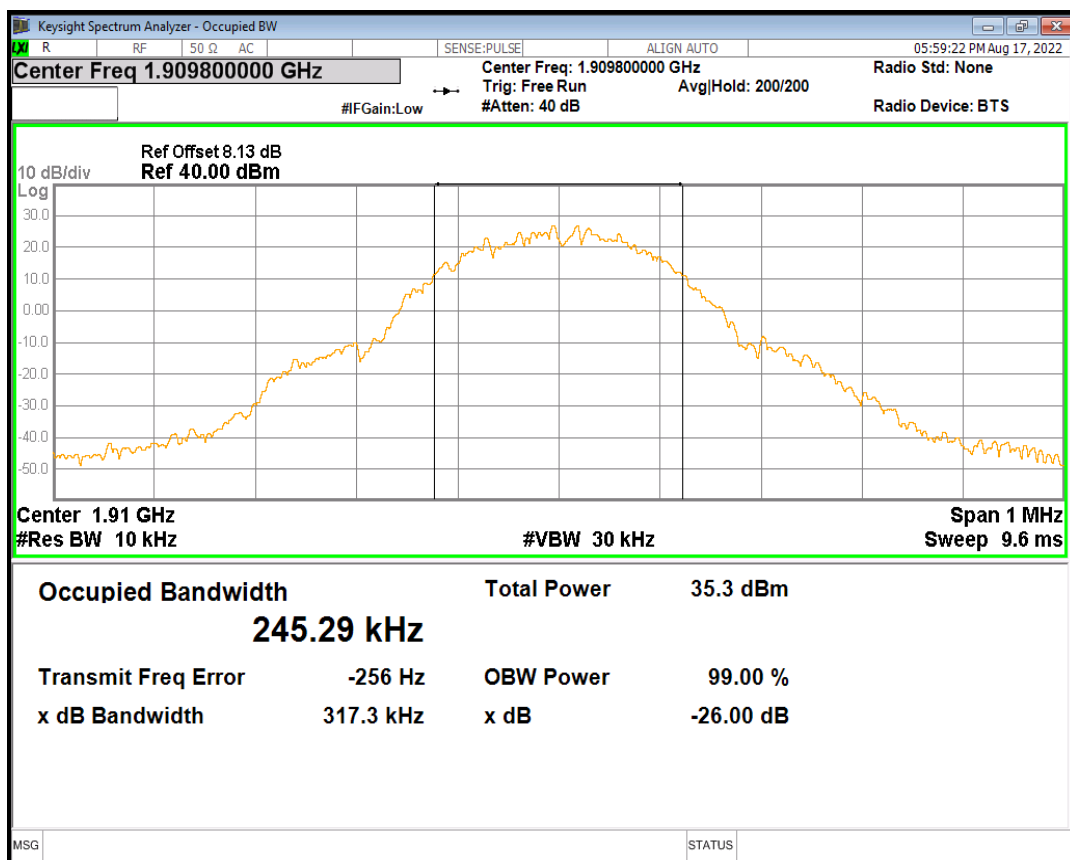
GSM1900 Channel=512



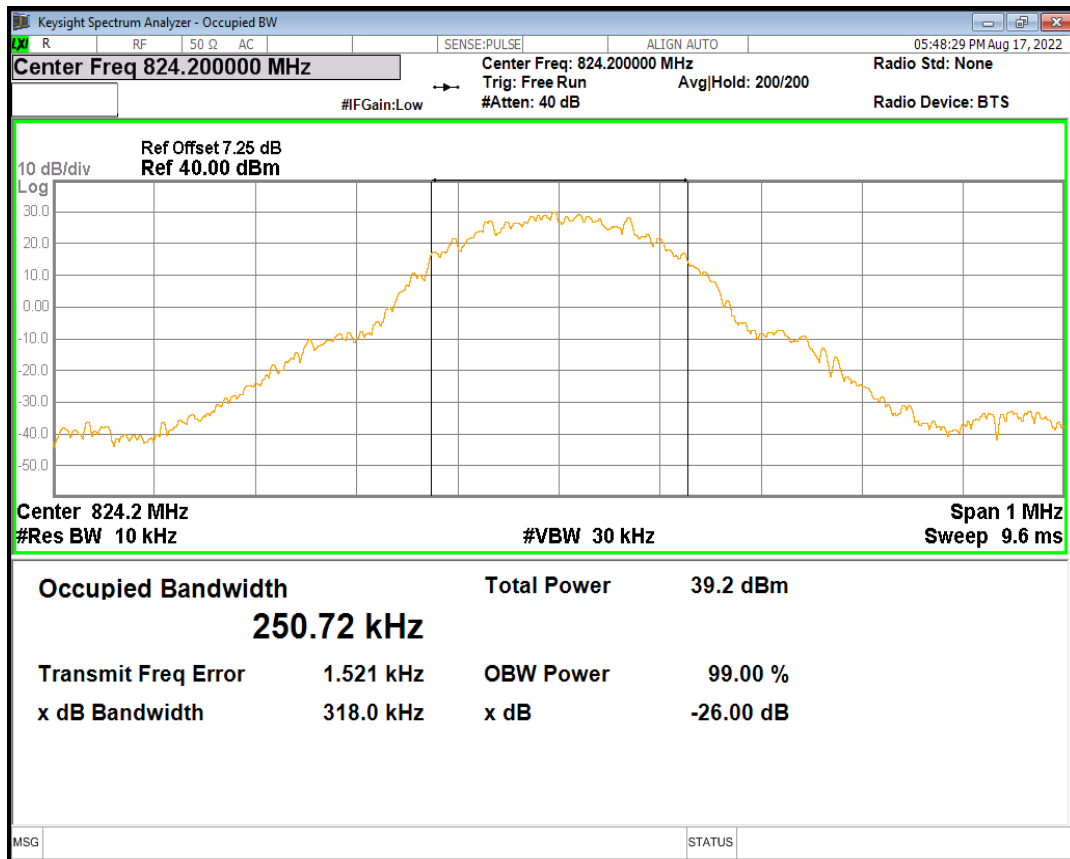
GSM1900 Channel=661



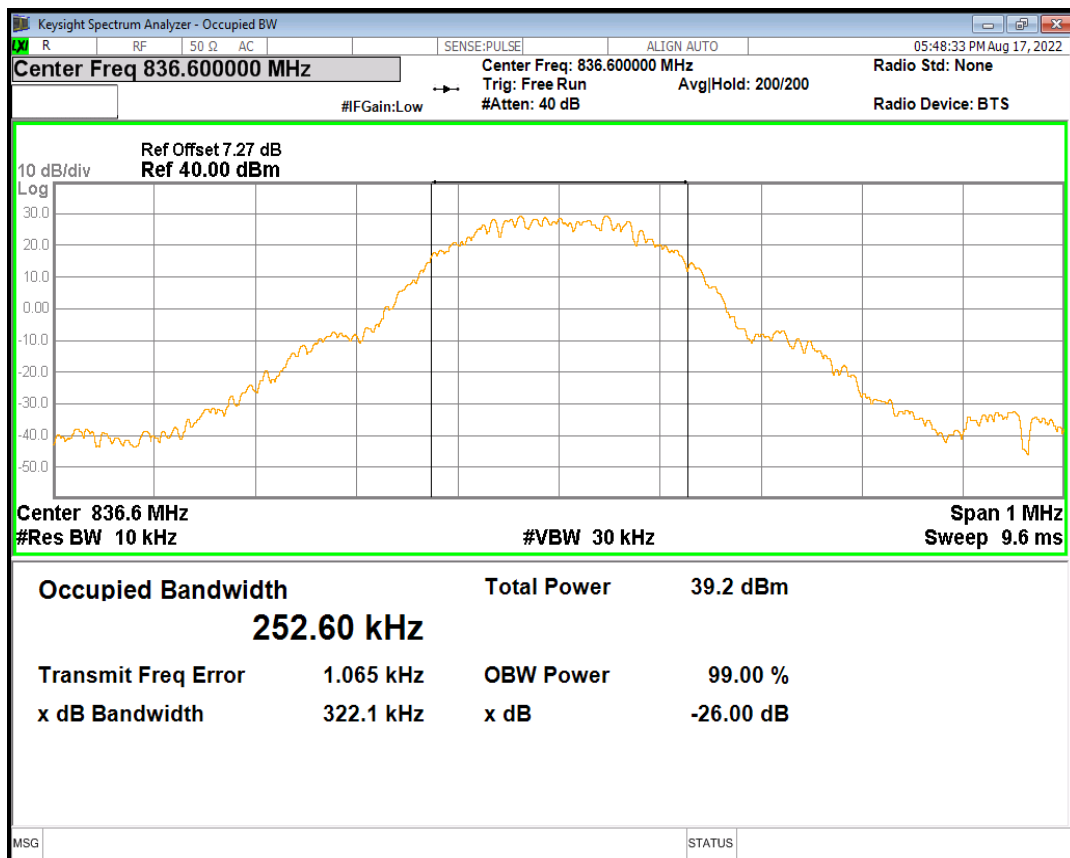
GSM1900 Channel=810



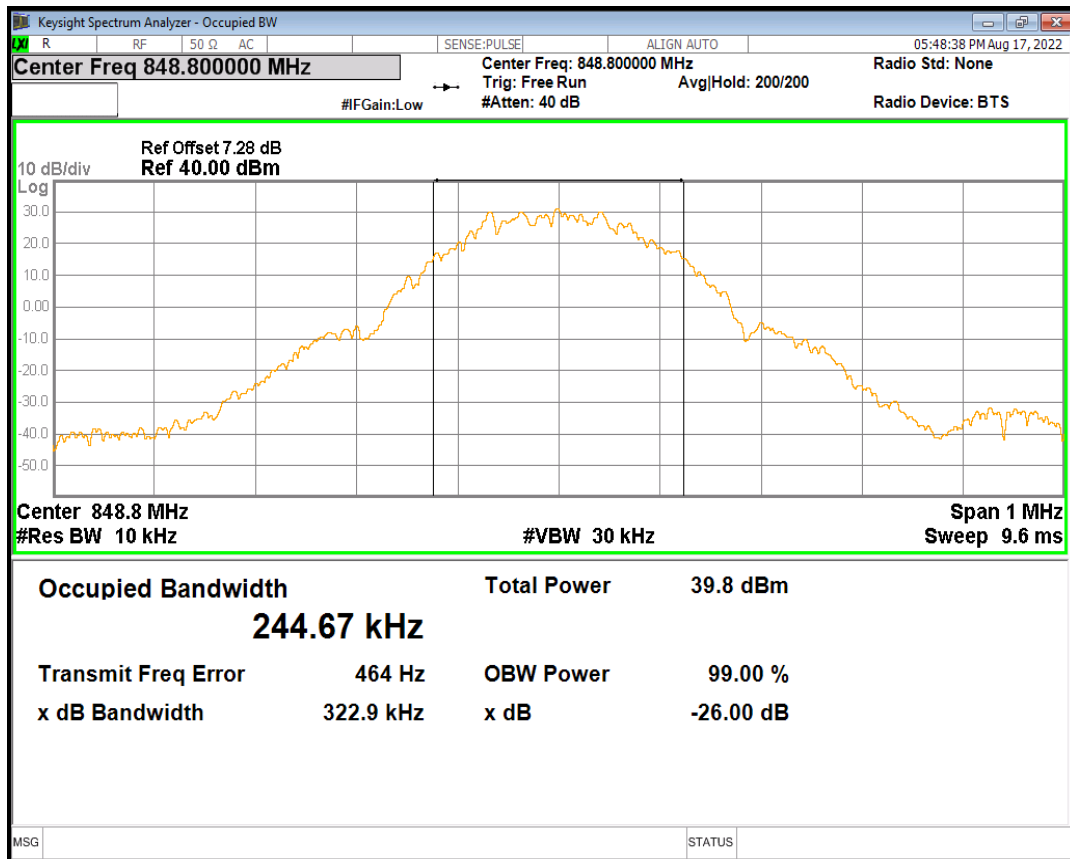
GSM850 Channel=128



GSM850 Channel=190



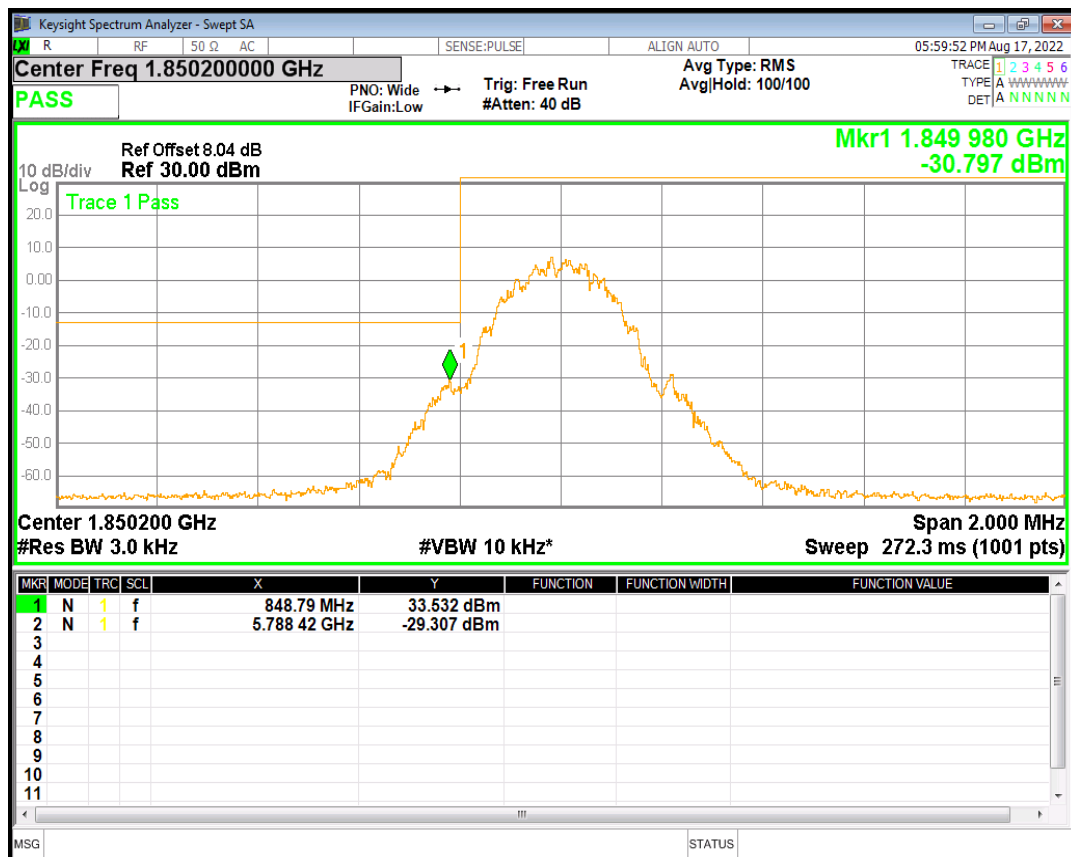
GSM850 Channel=251



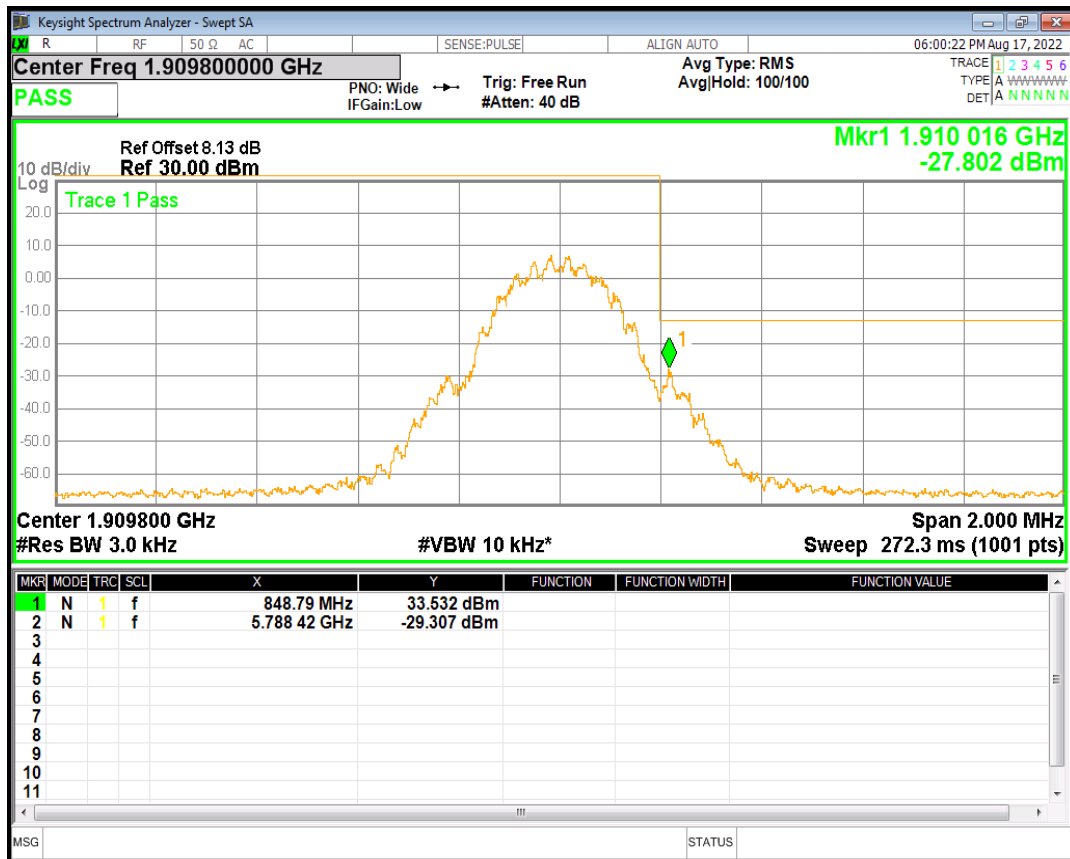
**05 Band edge**

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 1849.98         | -30.79           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 1910.02         | -27.80           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 823.98          | -25.99           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 849.02          | -26.04           | -13         | PASS    |

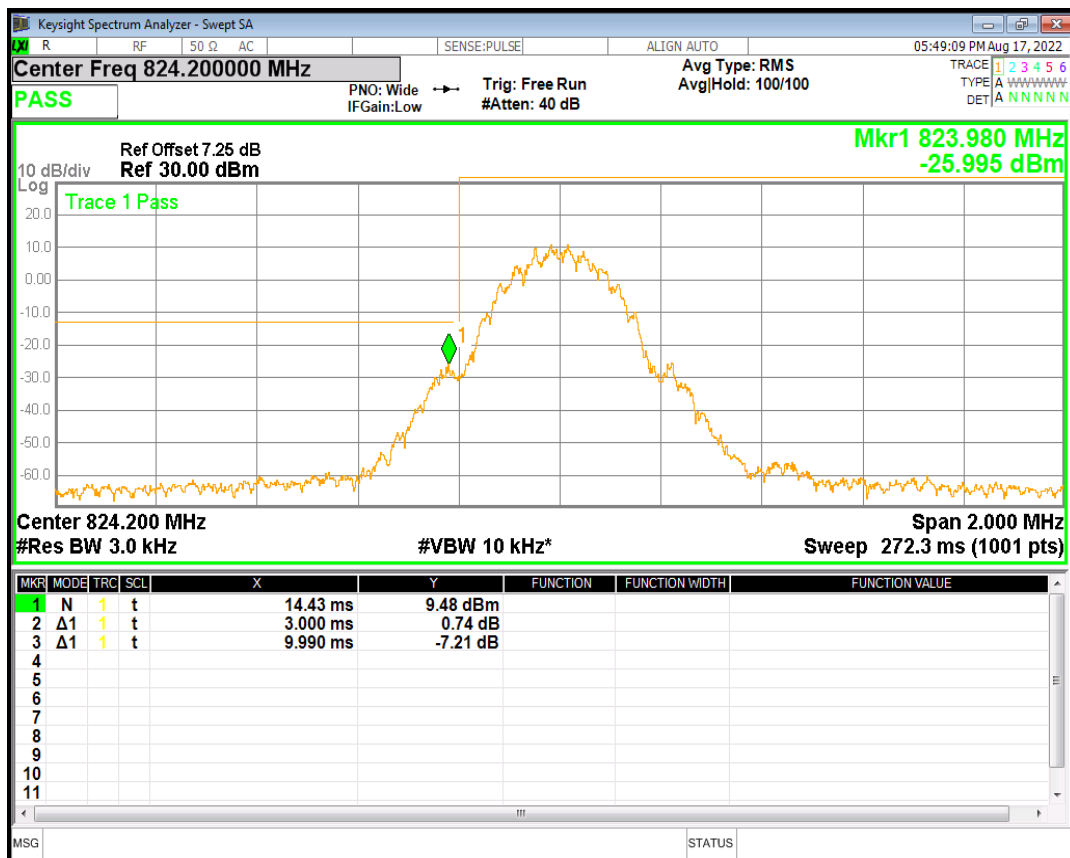
GSM1900 Channel=512



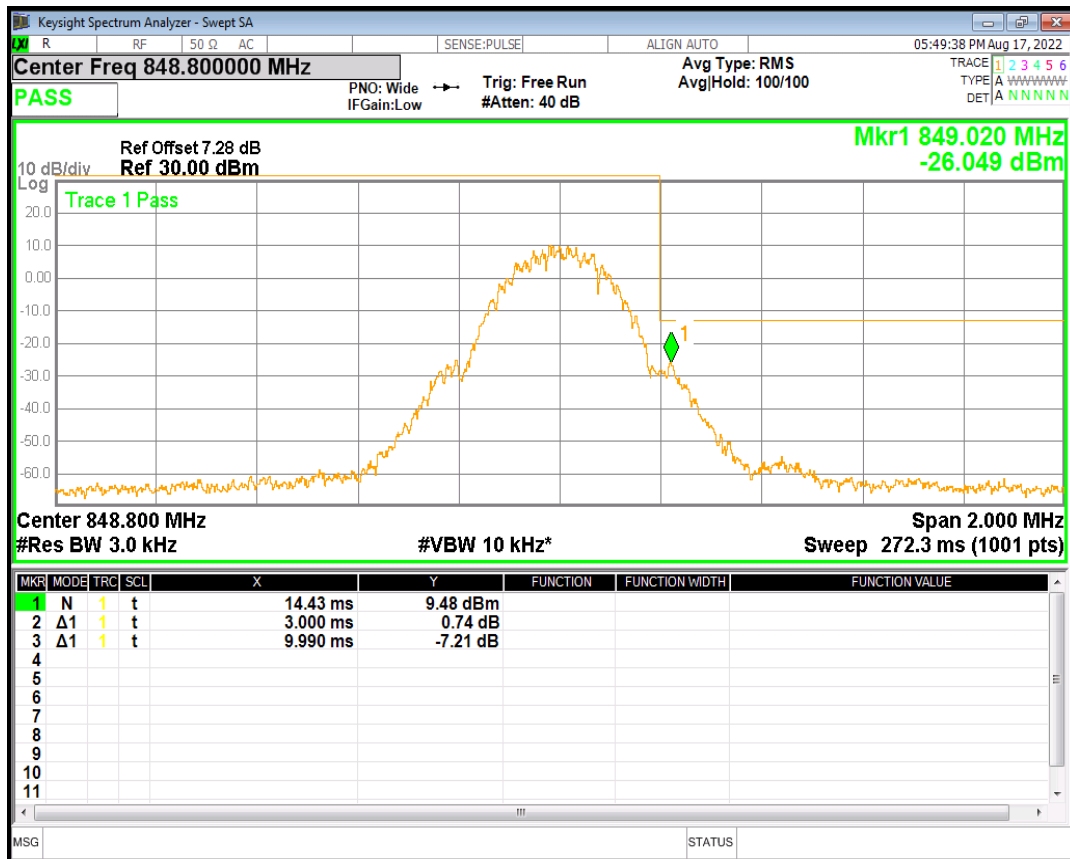
GSM1900 Channel=810



GSM850 Channel=128



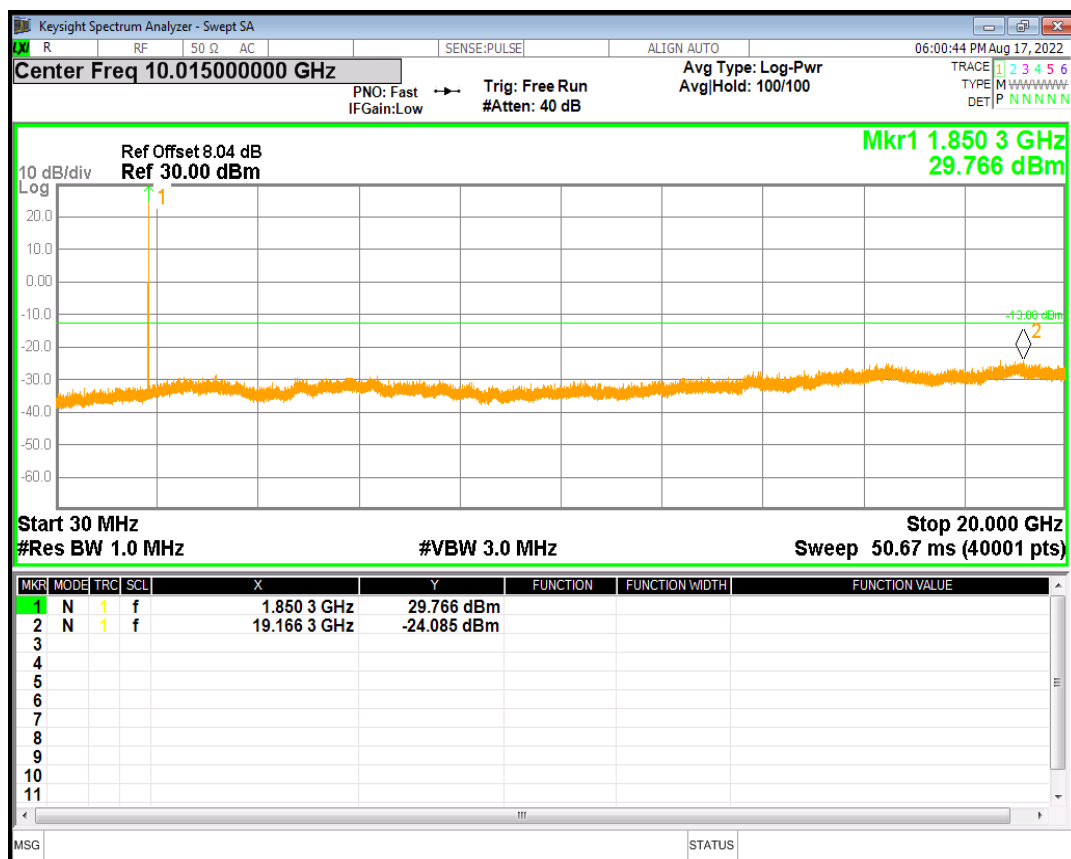
GSM850 Channel=251



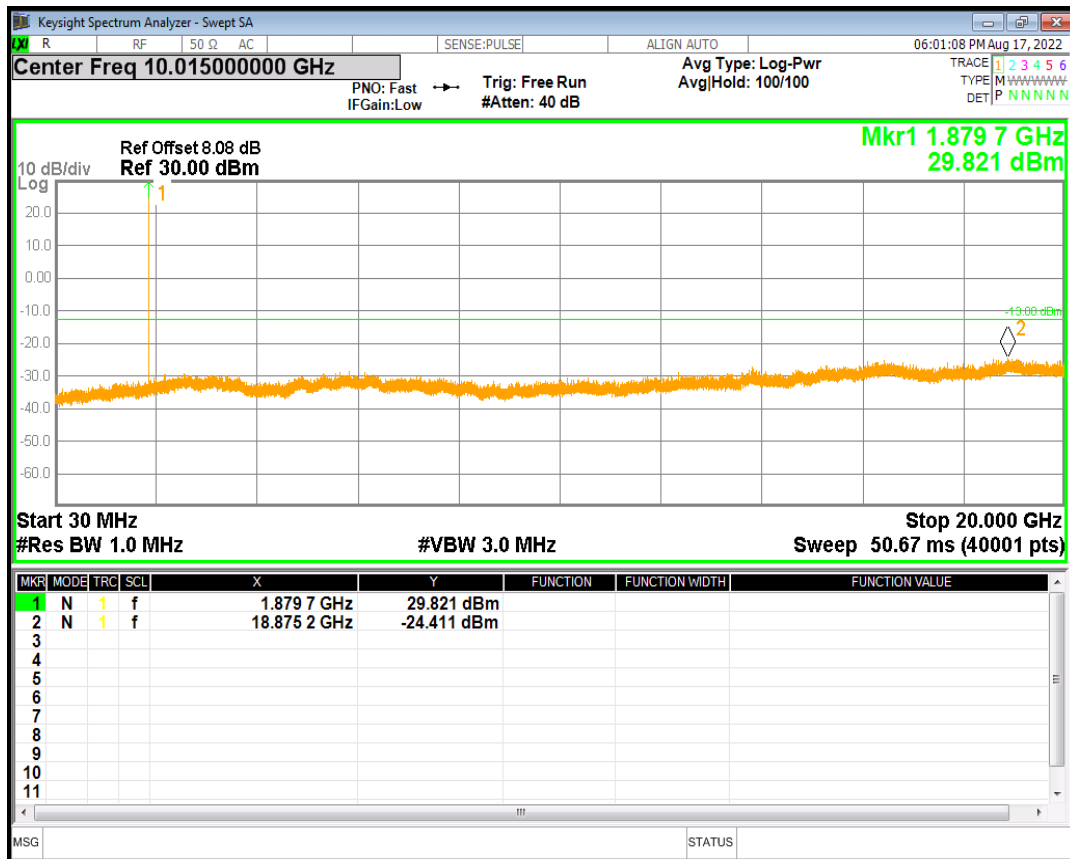
## 06 Out-of-band emissions

| Band    | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512     | 1850.2          | 19166.25        | -24.08           | -13         | PASS    |
| GSM1900 | 661     | 1880            | 18875.19        | -24.41           | -13         | PASS    |
| GSM1900 | 810     | 1909.8          | 18829.76        | -22.67           | -13         | PASS    |
| GSM850  | 128     | 824.2           | 3596.02         | -29.52           | -13         | PASS    |
| GSM850  | 190     | 836.6           | 6251.78         | -28.90           | -13         | PASS    |
| GSM850  | 251     | 848.8           | 5779.45         | -29.69           | -13         | PASS    |

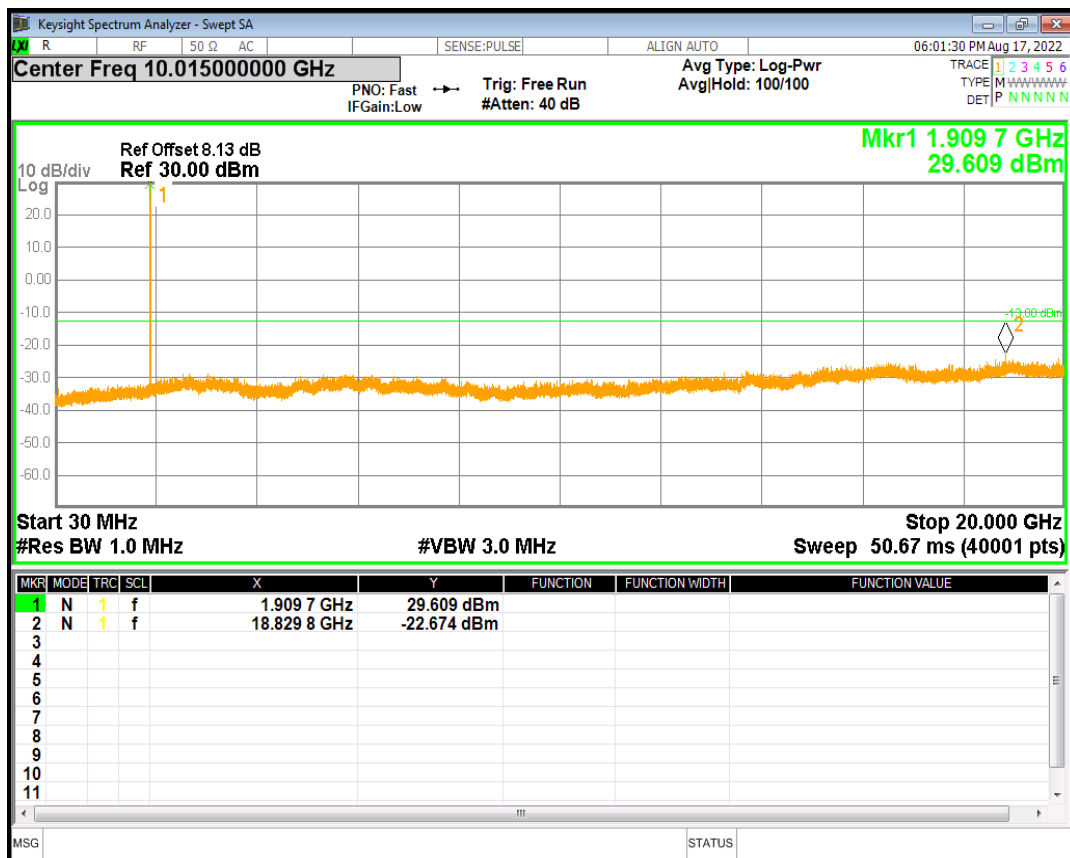
GSM1900 Channel=512



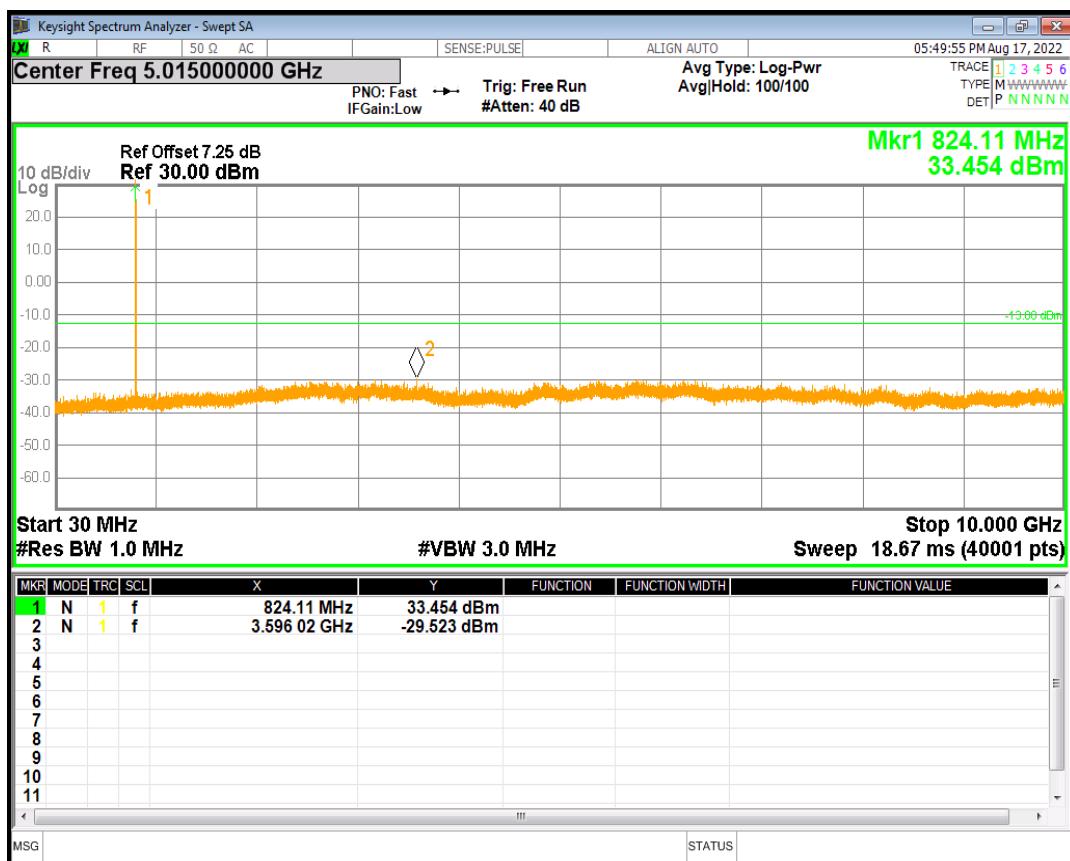
GSM1900 Channel=661



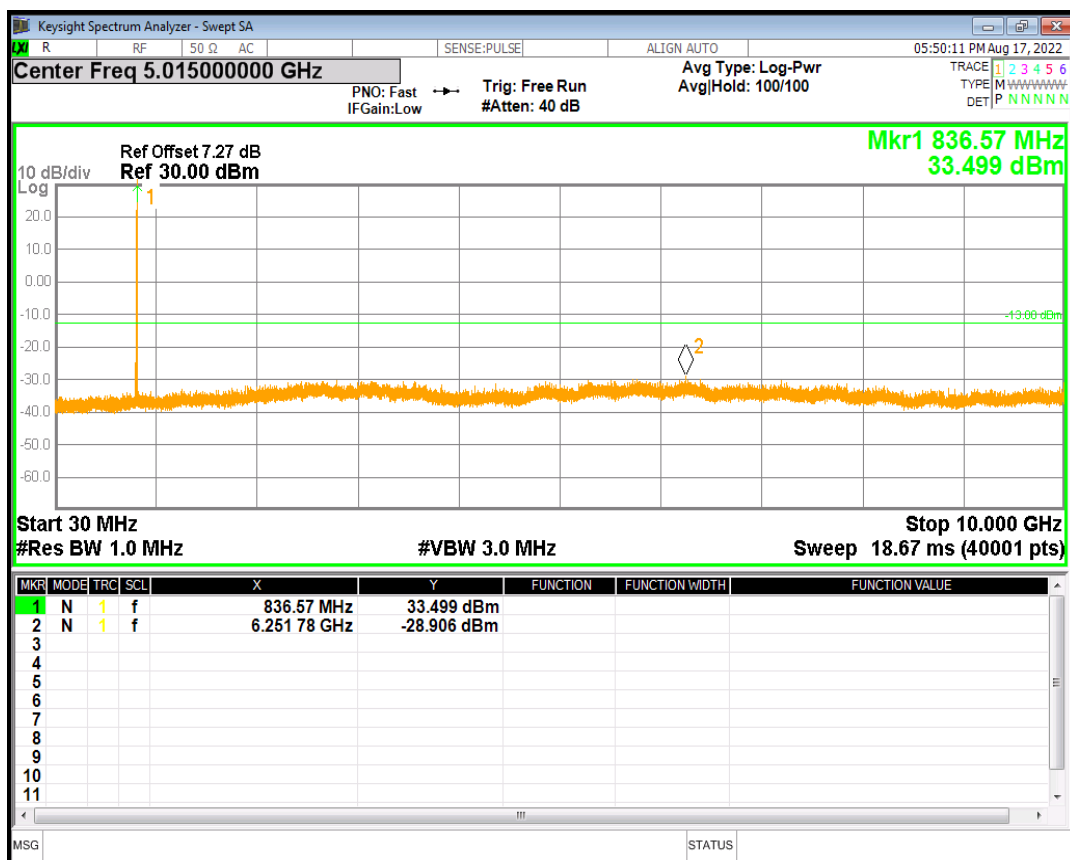
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=190



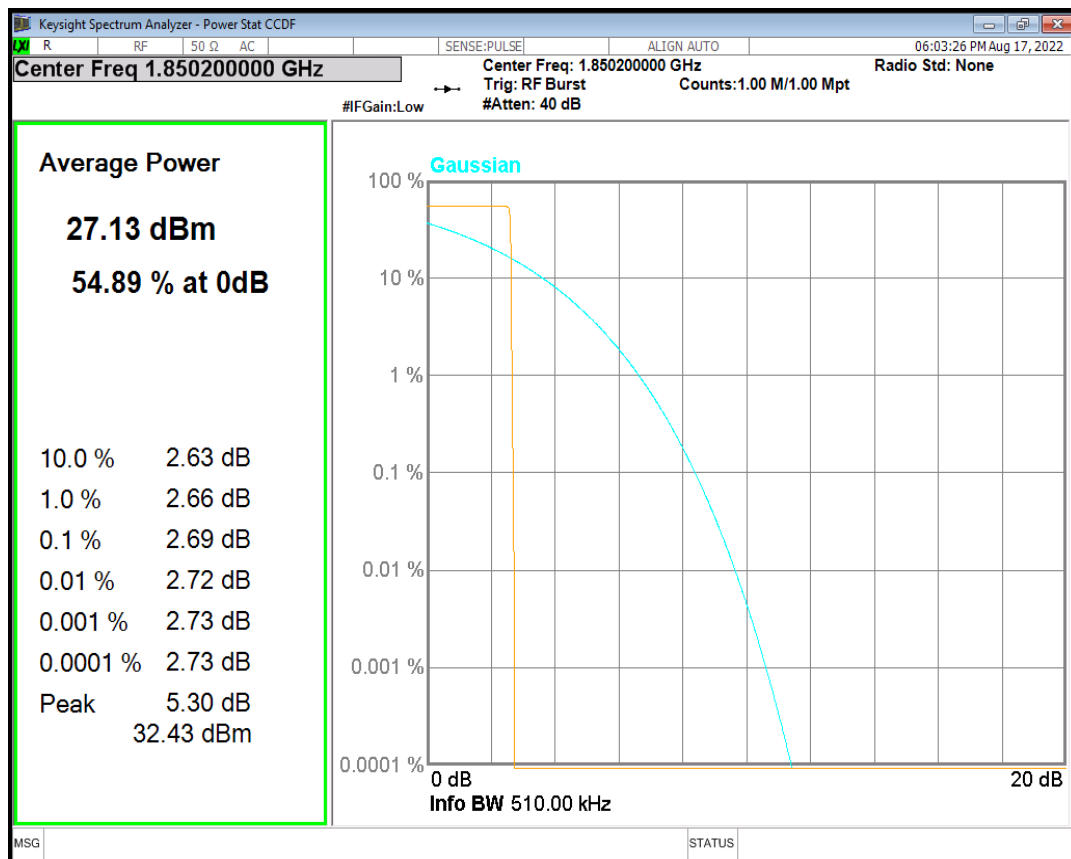
GSM850 Channel=251



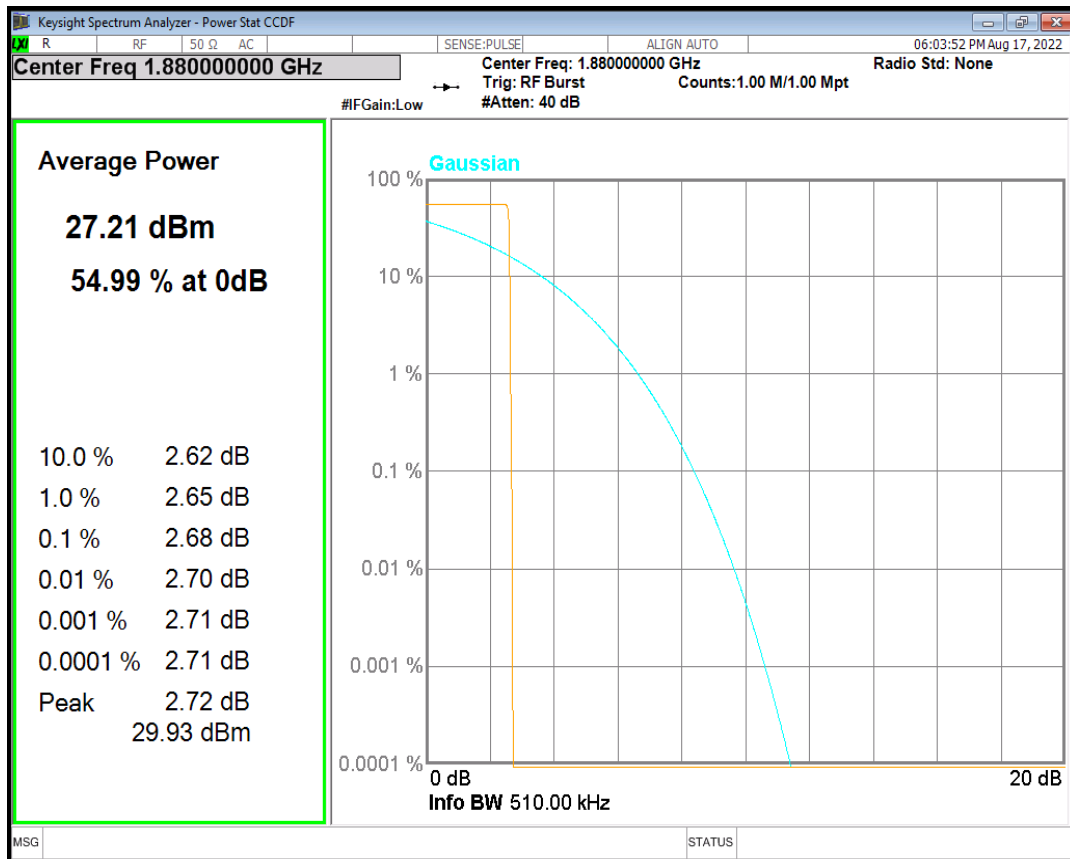
**09 Peak-to-Average Ratio**

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.693338954 | 13.00           | PASS    |
| GPRS1900 | 661     | 1880            | 2.678748718 | 13.00           | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.681952555 | 13.00           | PASS    |
| GPRS850  | 128     | 824.2           | 2.698143161 | 13.00           | PASS    |
| GPRS850  | 190     | 836.6           | 2.68715262  | 13.00           | PASS    |
| GPRS850  | 251     | 848.8           | 2.684588832 | 13.00           | PASS    |

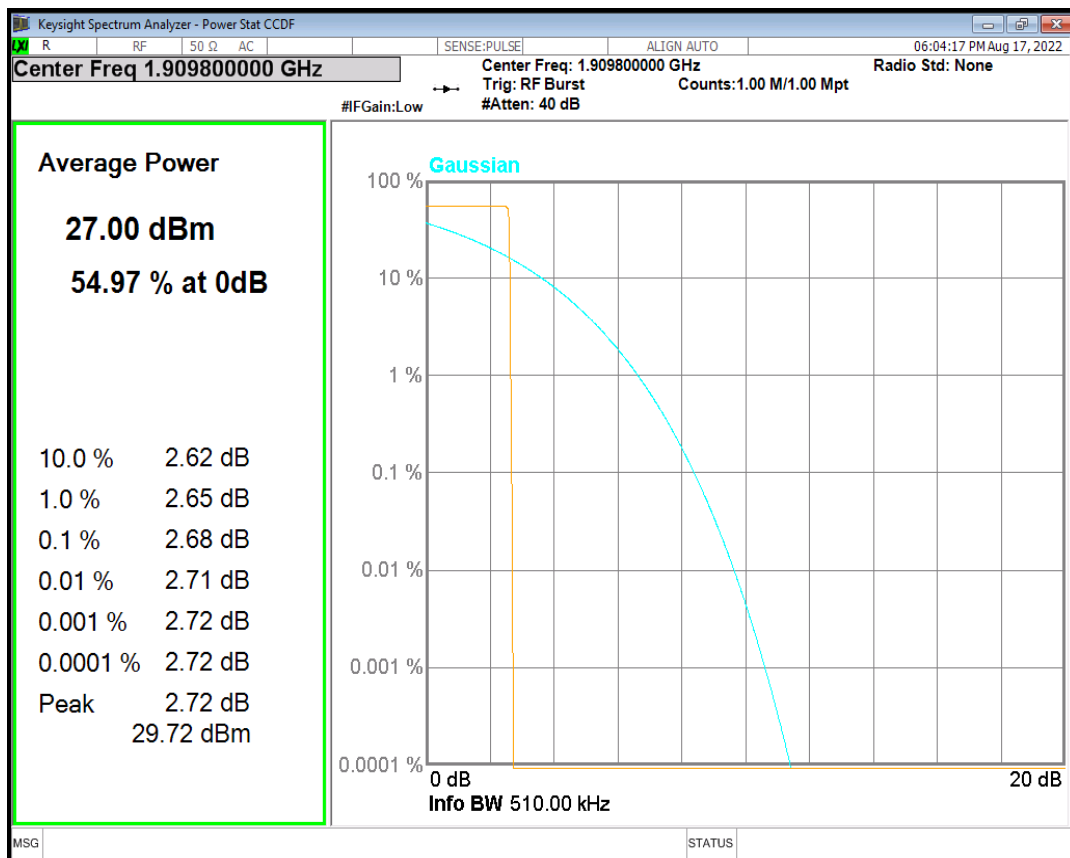
GPRS1900 Channel=512



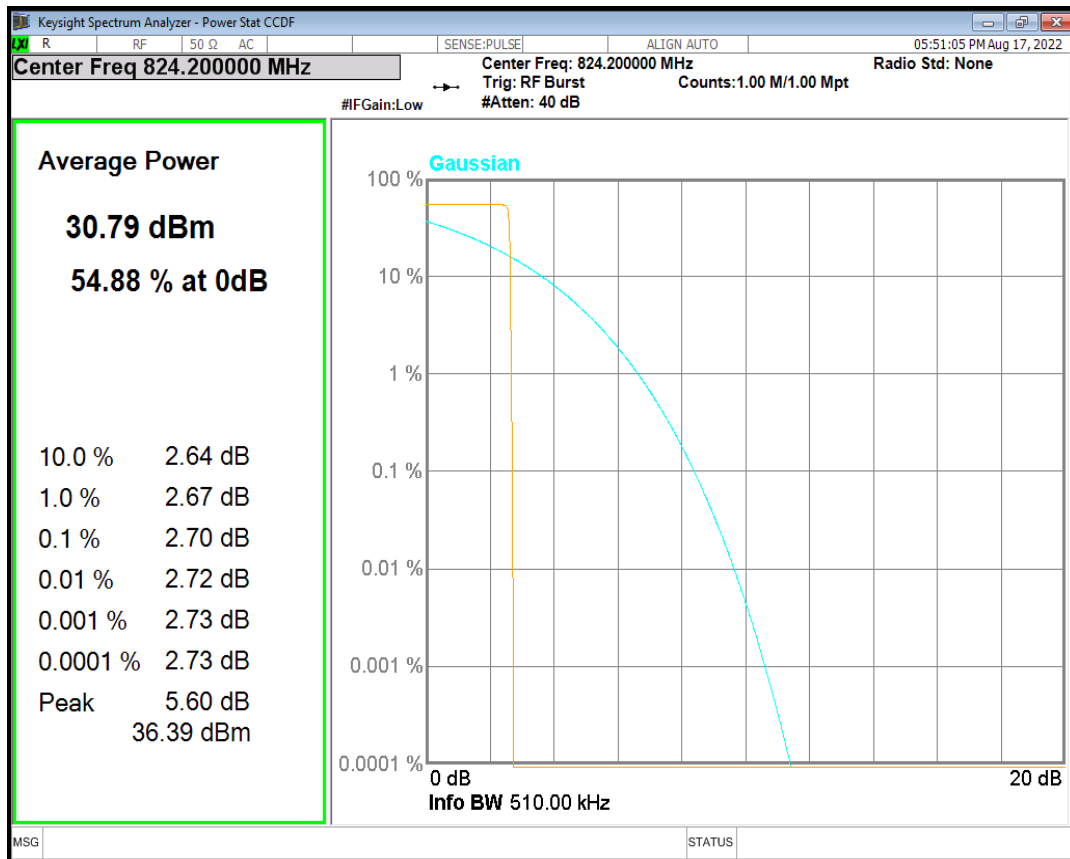
GPRS1900 Channel=661



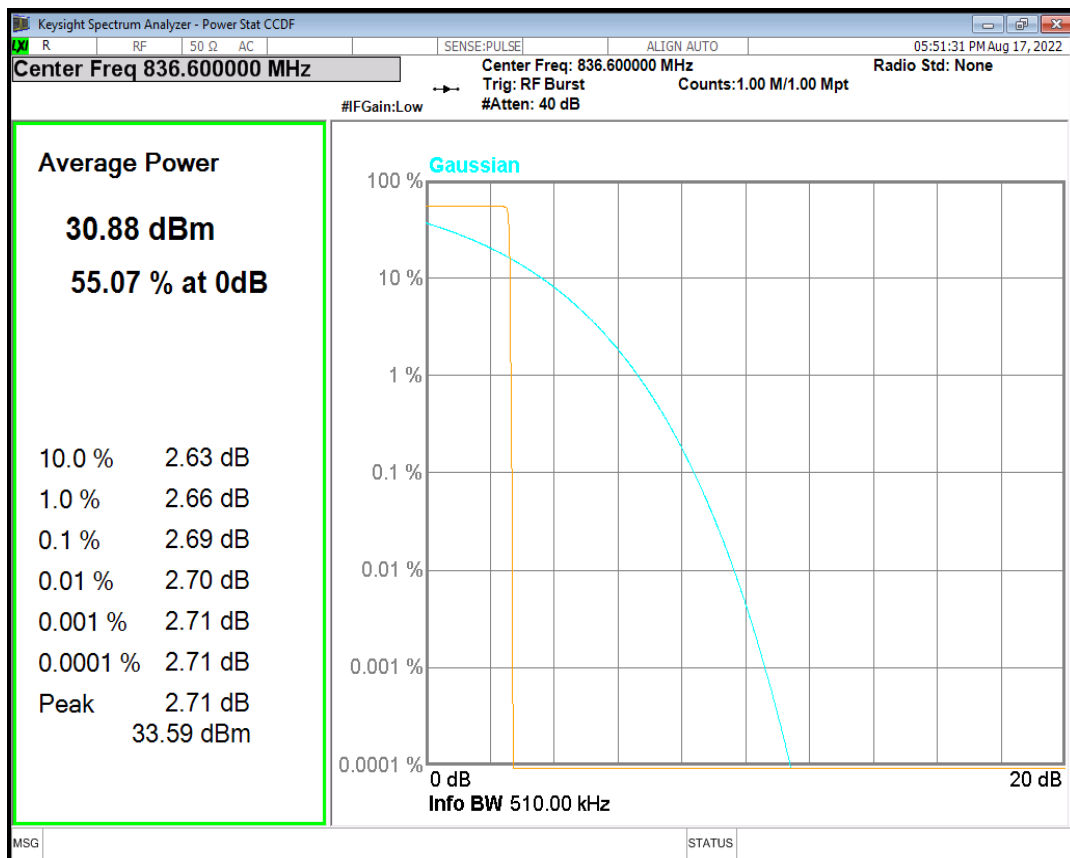
GPRS1900 Channel=810



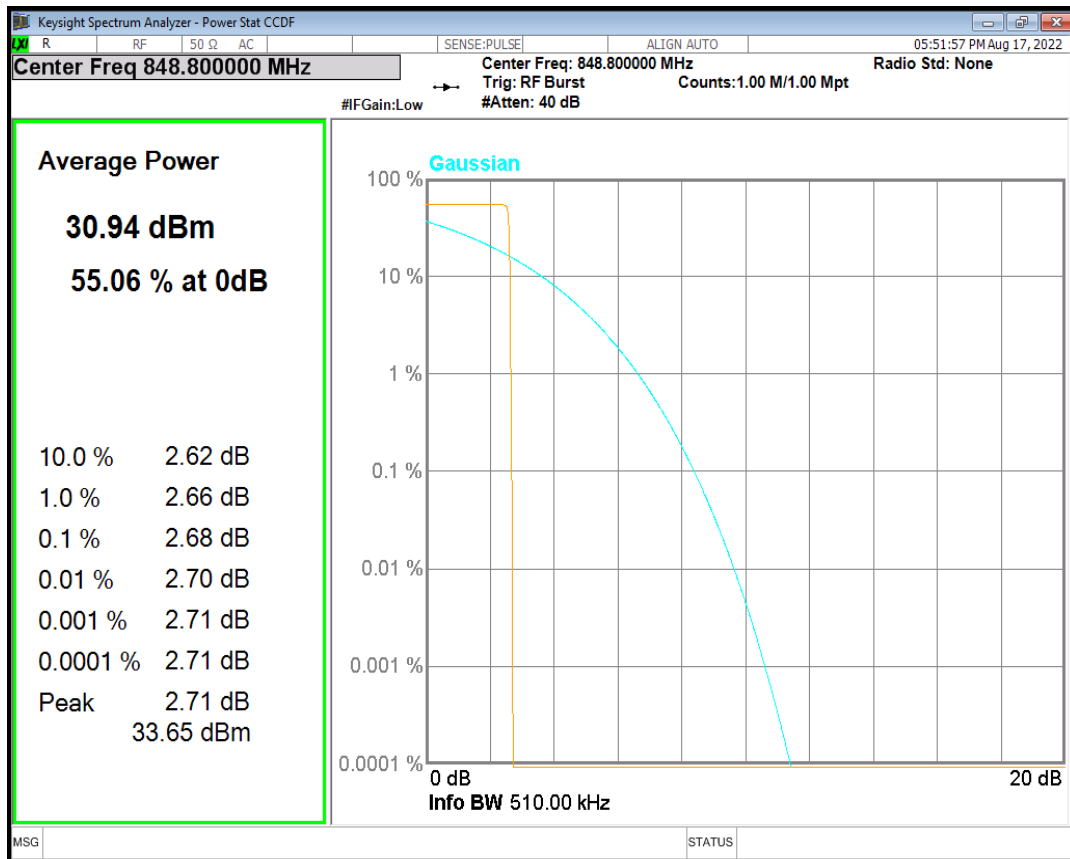
GPRS850 Channel=128



GPRS850 Channel=190



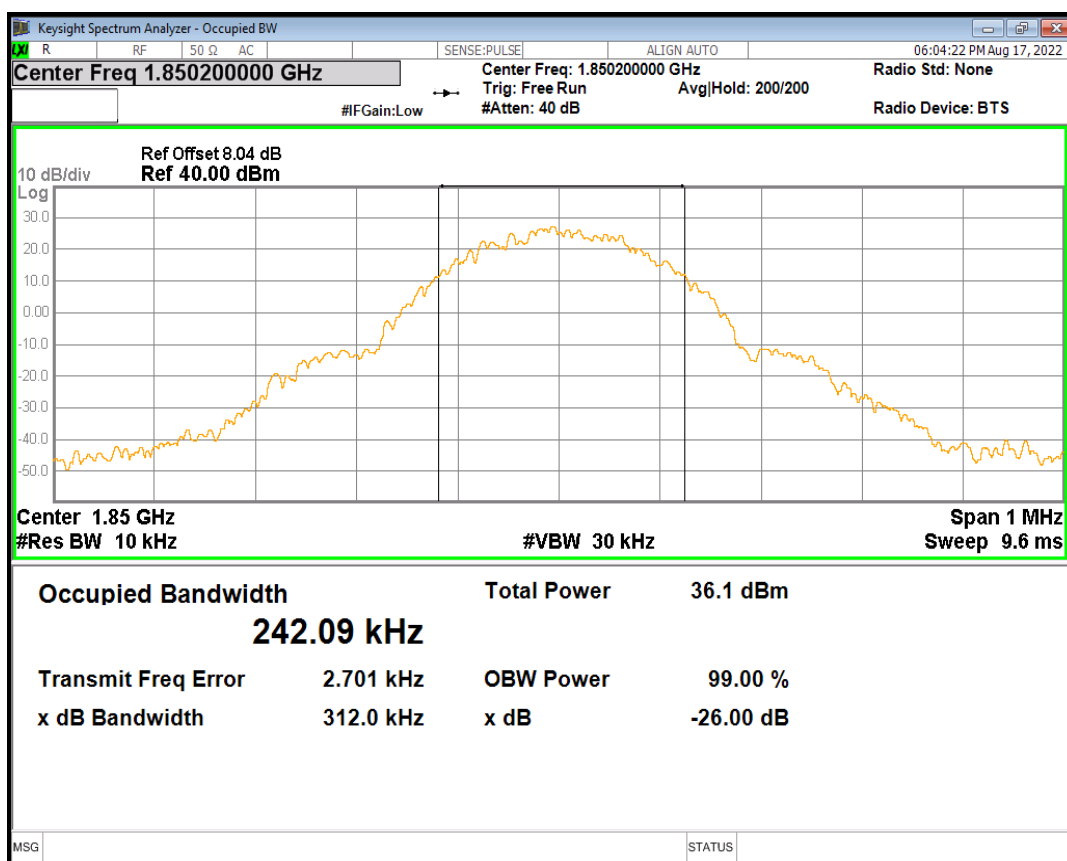
GPRS850 Channel=251



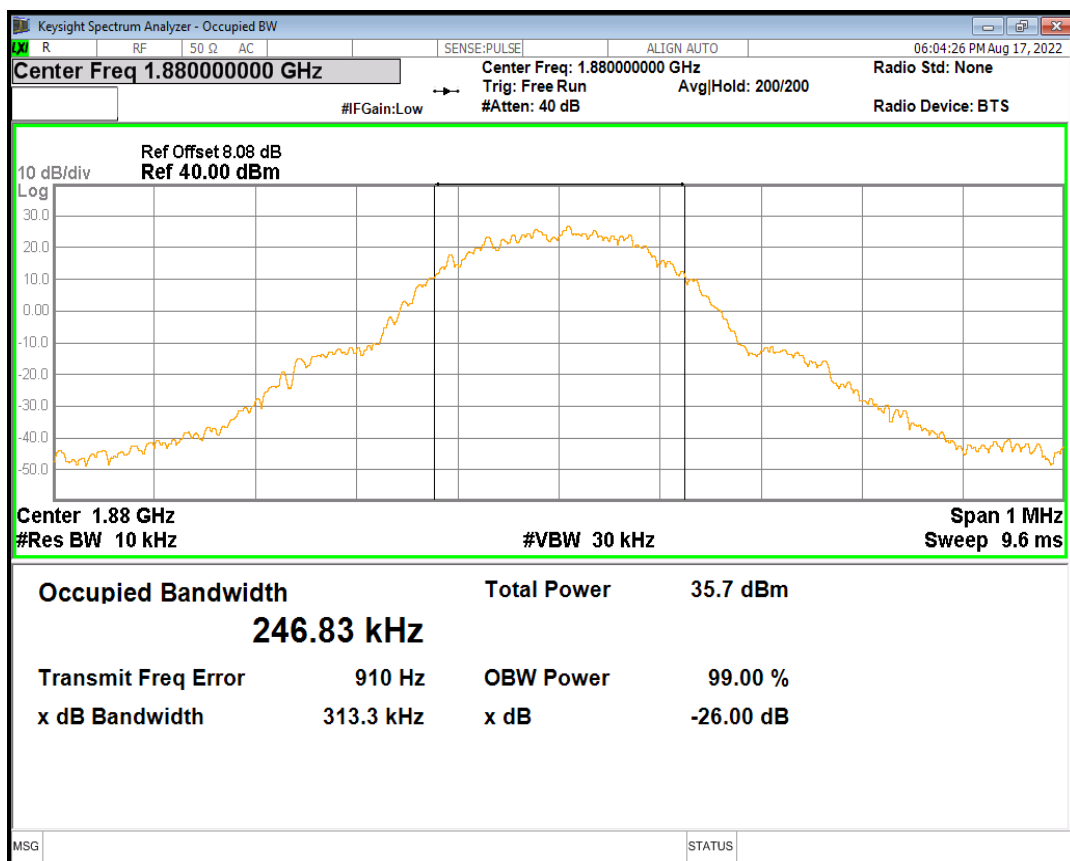
**10 Occupied bandwidth**

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 242.093       | 312.030         | PASS    |
| GPRS1900 | 661     | 1880            | 246.825       | 313.291         | PASS    |
| GPRS1900 | 810     | 1909.8          | 248.534       | 321.710         | PASS    |
| GPRS850  | 128     | 824.2           | 246.524       | 312.584         | PASS    |
| GPRS850  | 190     | 836.6           | 245.197       | 320.179         | PASS    |
| GPRS850  | 251     | 848.8           | 242.981       | 317.399         | PASS    |

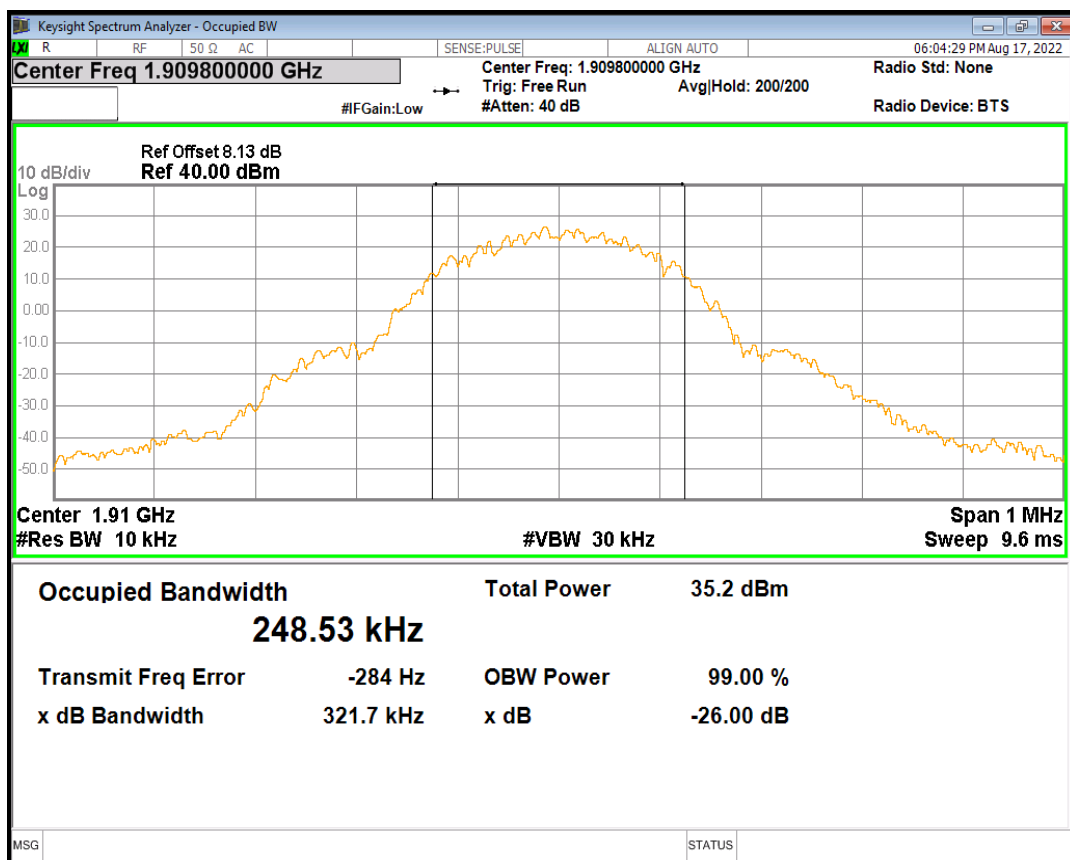
GPRS1900 Channel=512



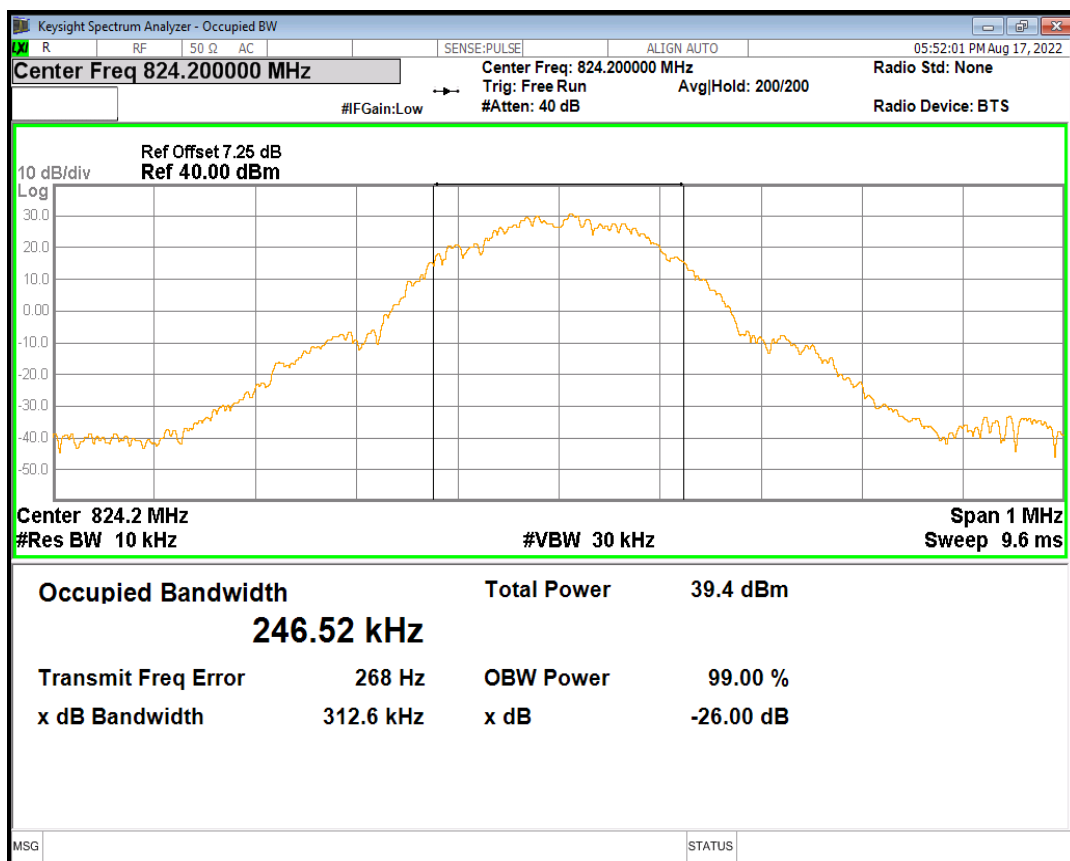
GPRS1900 Channel=661



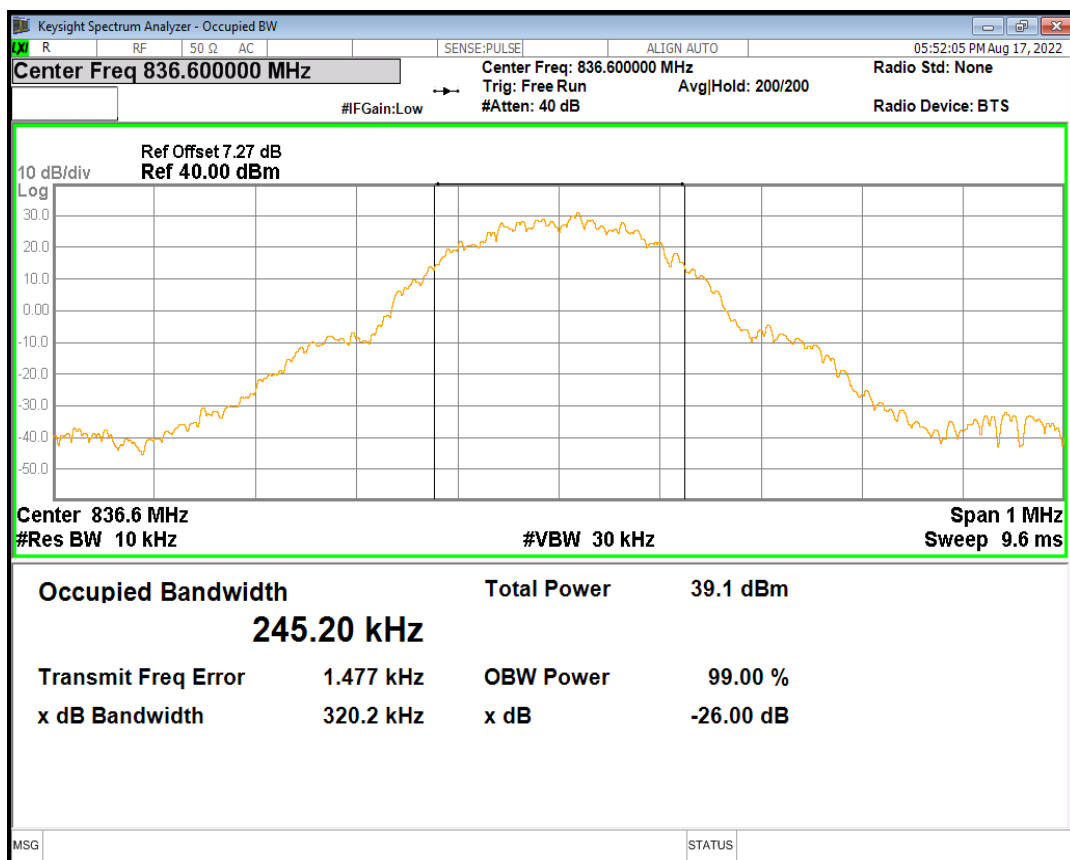
GPRS1900 Channel=810



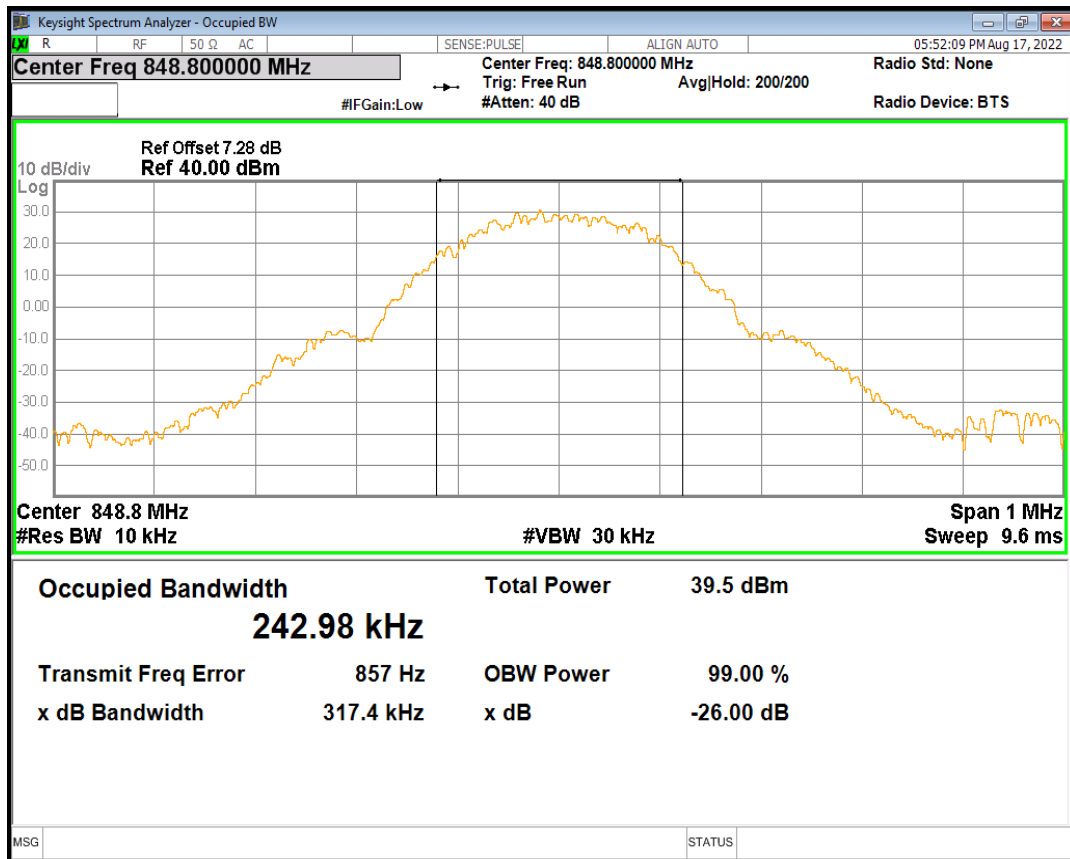
GPRS850 Channel=128



GPRS850 Channel=190



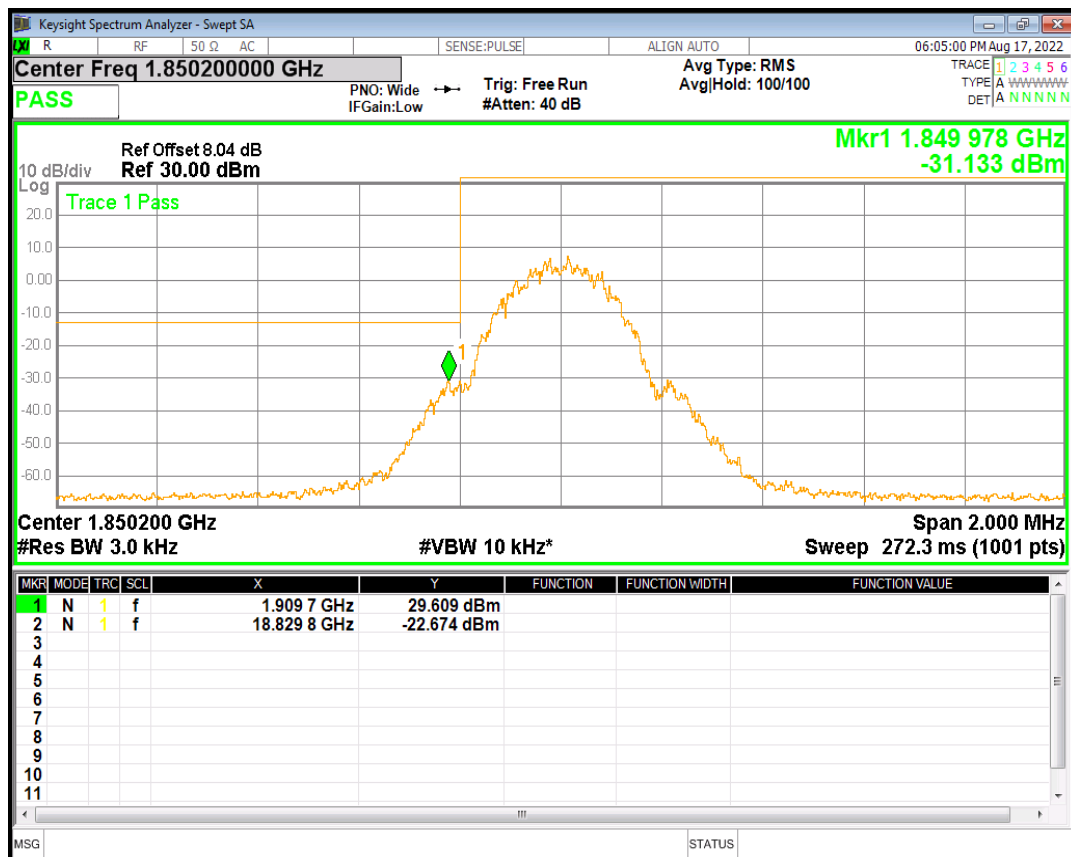
GPRS850 Channel=251



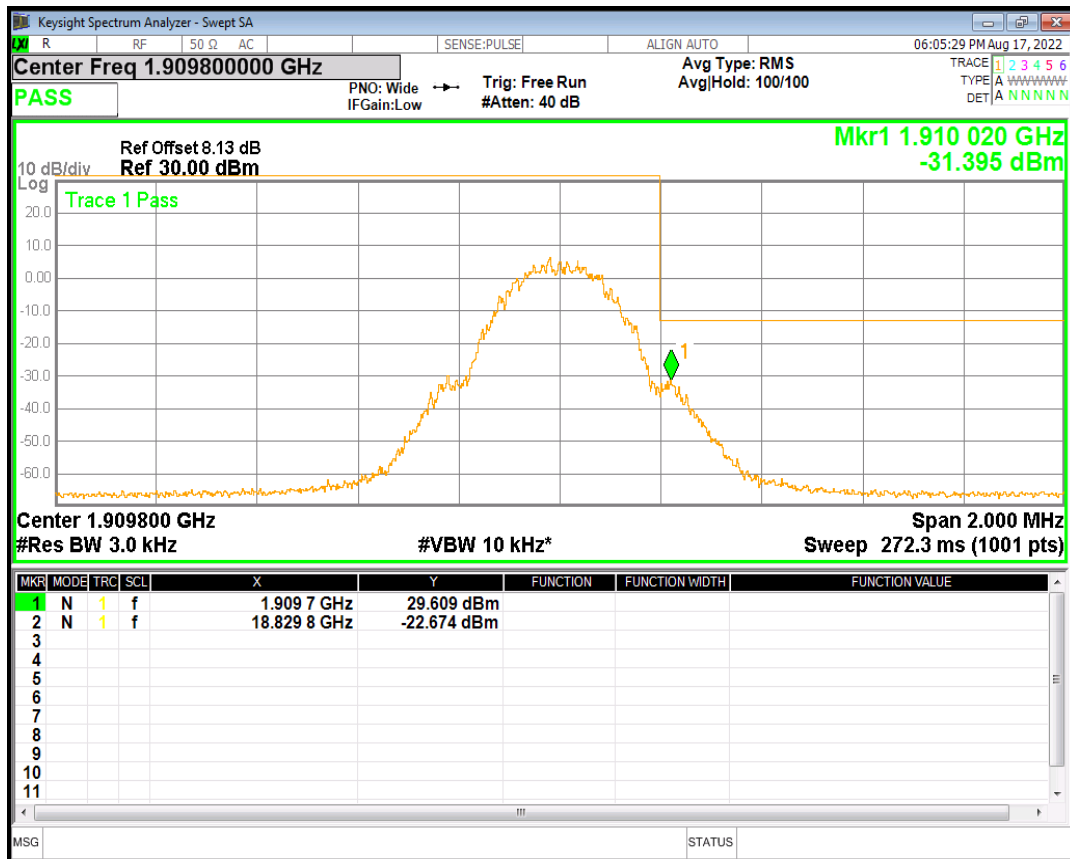
**11 Band edge**

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1849.98         | -31.13           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.02         | -31.39           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 824.00          | -26.59           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.02          | -27.10           | -13         | PASS    |

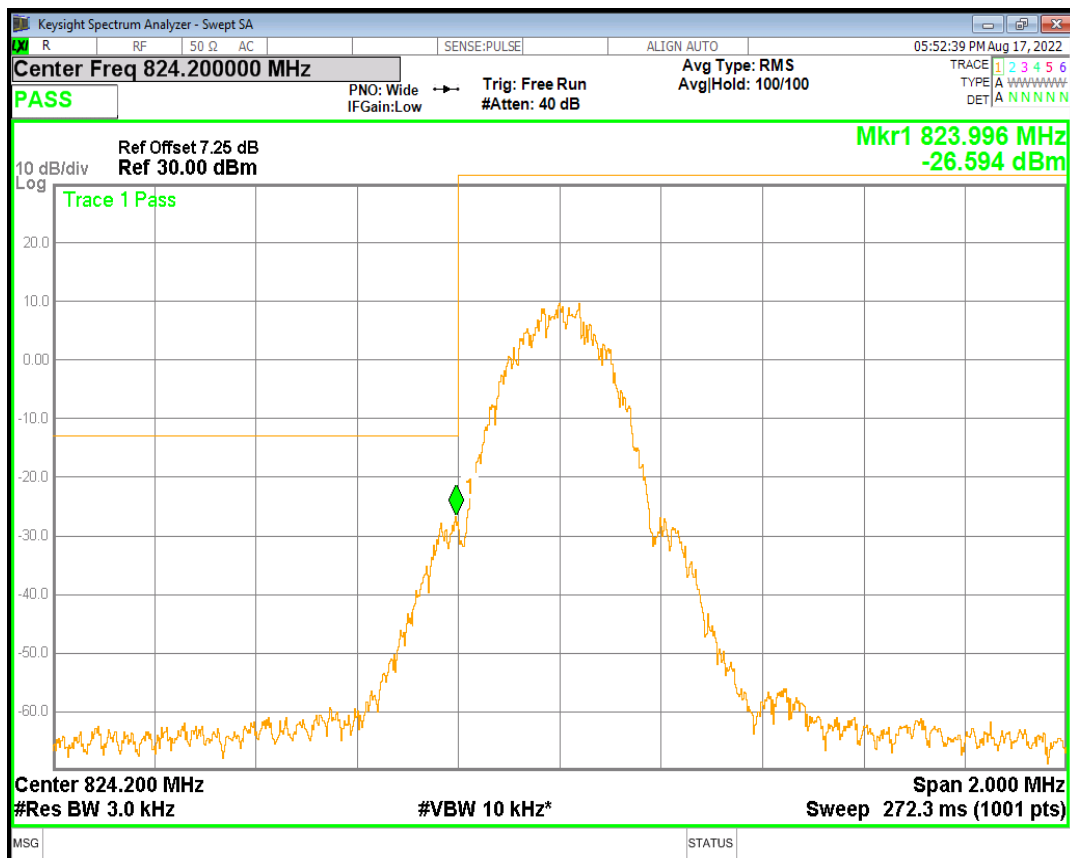
GPRS1900 Channel=512



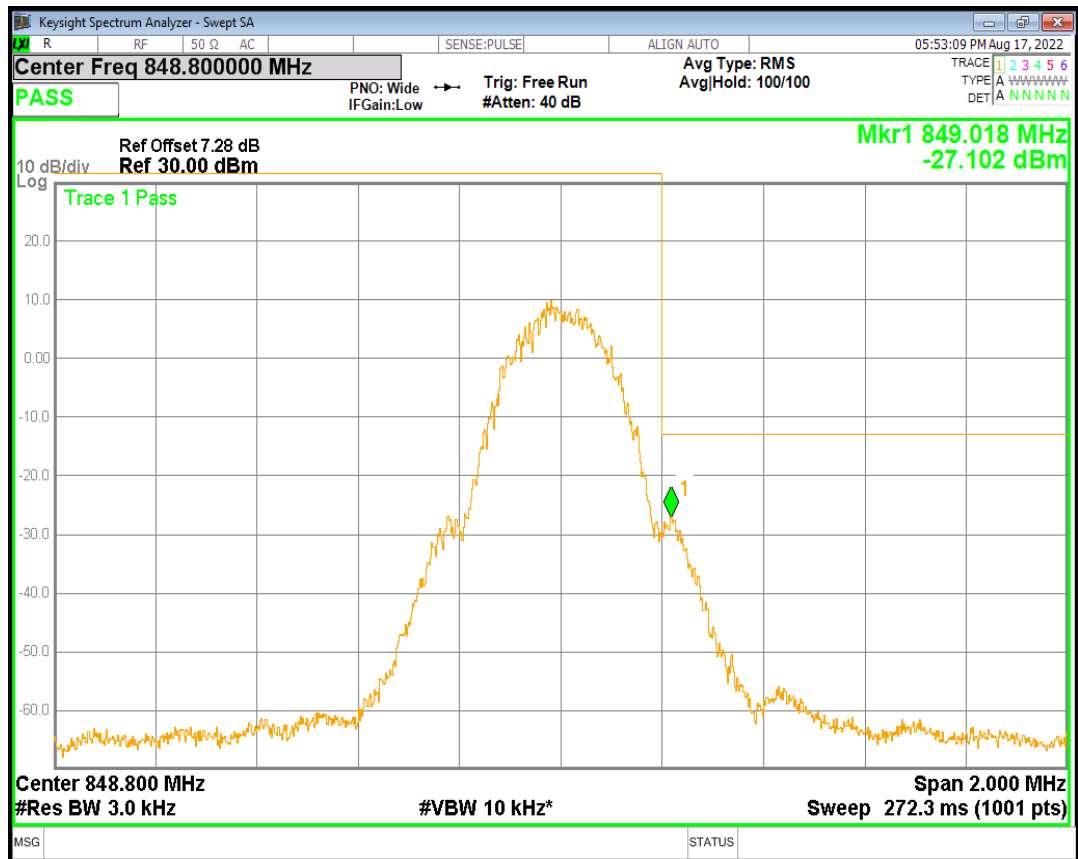
GPRS1900 Channel=810



GPRS850 Channel=128



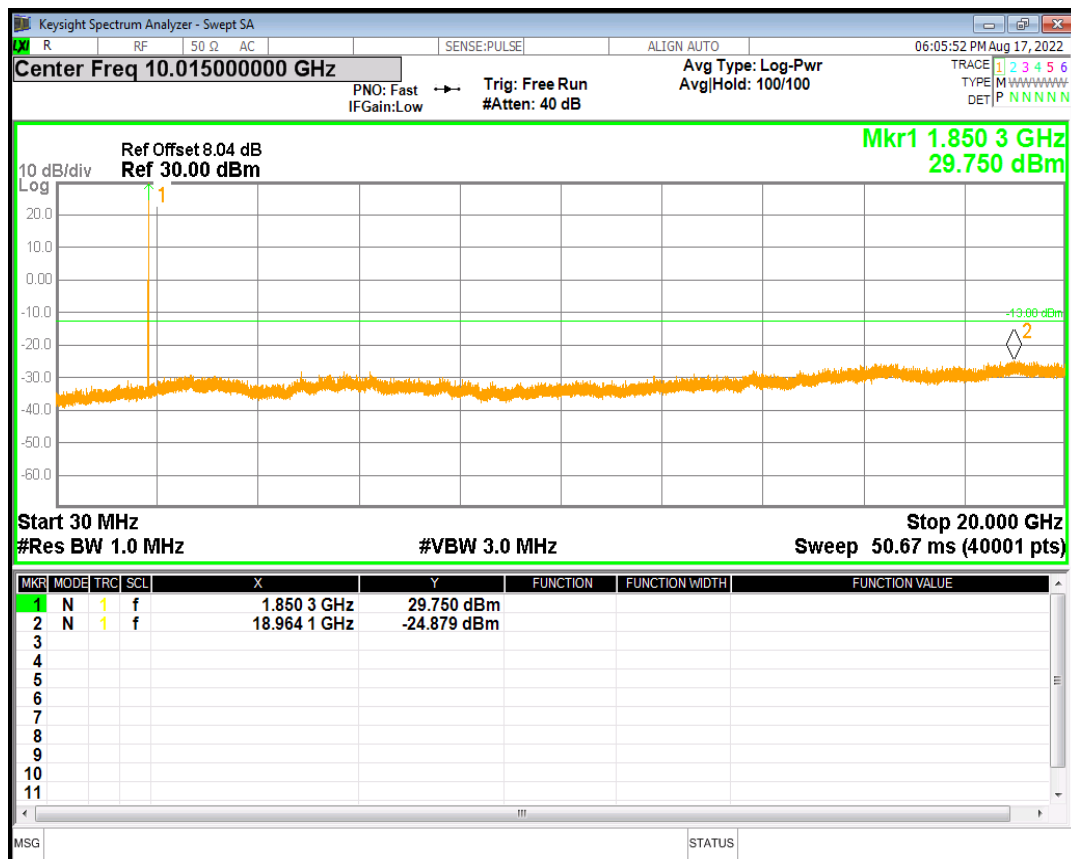
GPRS850 Channel=251



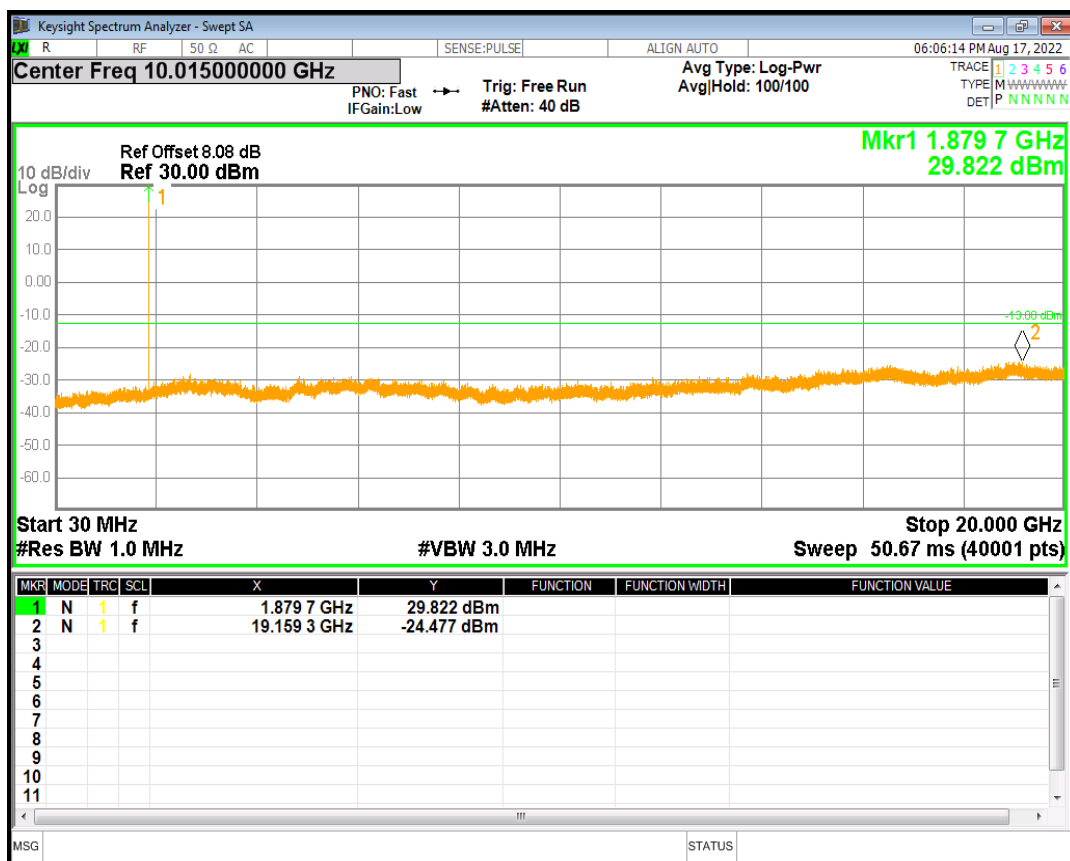
**12 Out-of-band emissions**

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 18964.06        | -24.87           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 19159.26        | -24.47           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 18611.09        | -24.40           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 818.38          | -24.73           | -13         | PASS    |
| GPRS850  | 190     | 836.6           | 3210.93         | -29.40           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 3149.36         | -29.57           | -13         | PASS    |

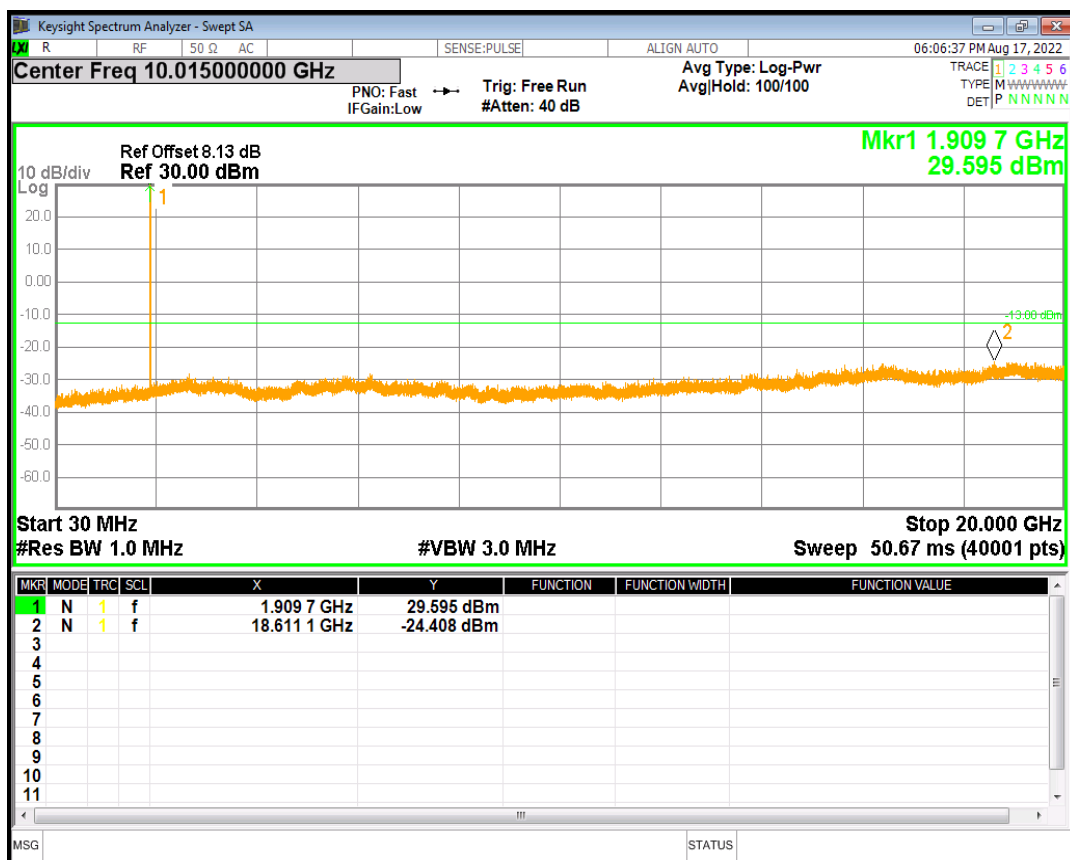
GPRS1900 Channel=512



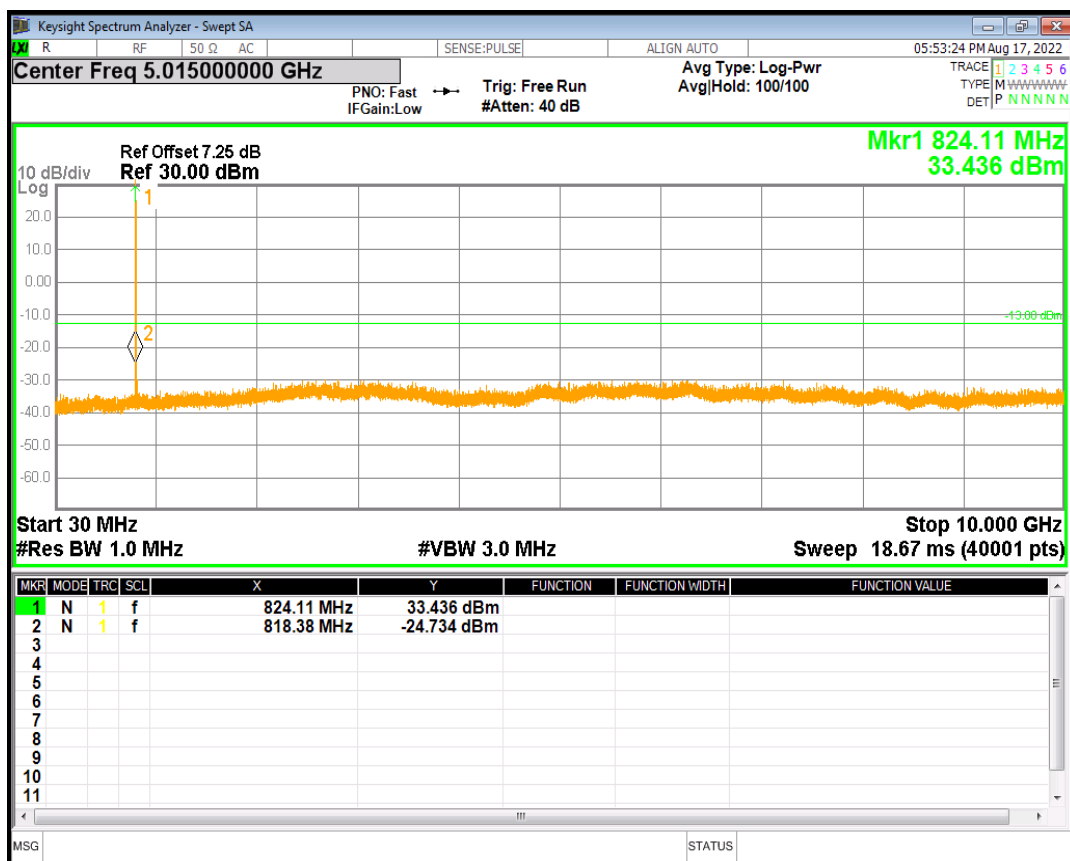
GPRS1900 Channel=661



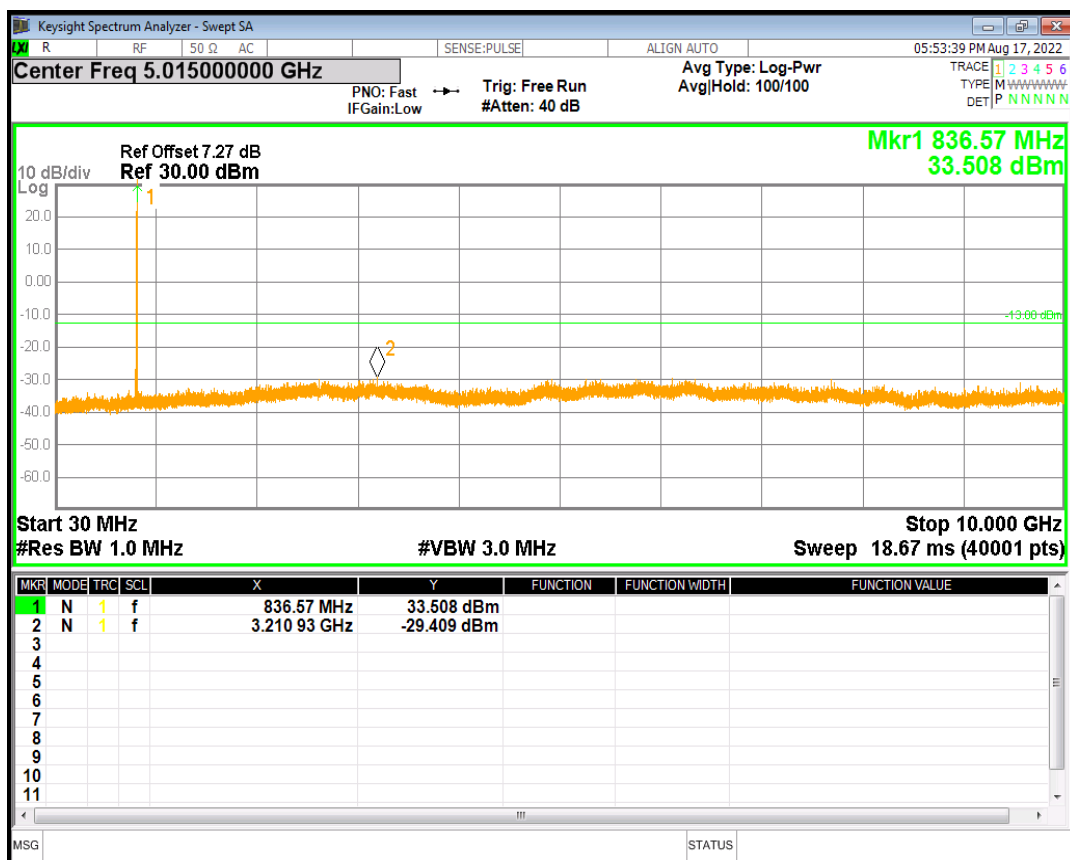
GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=190



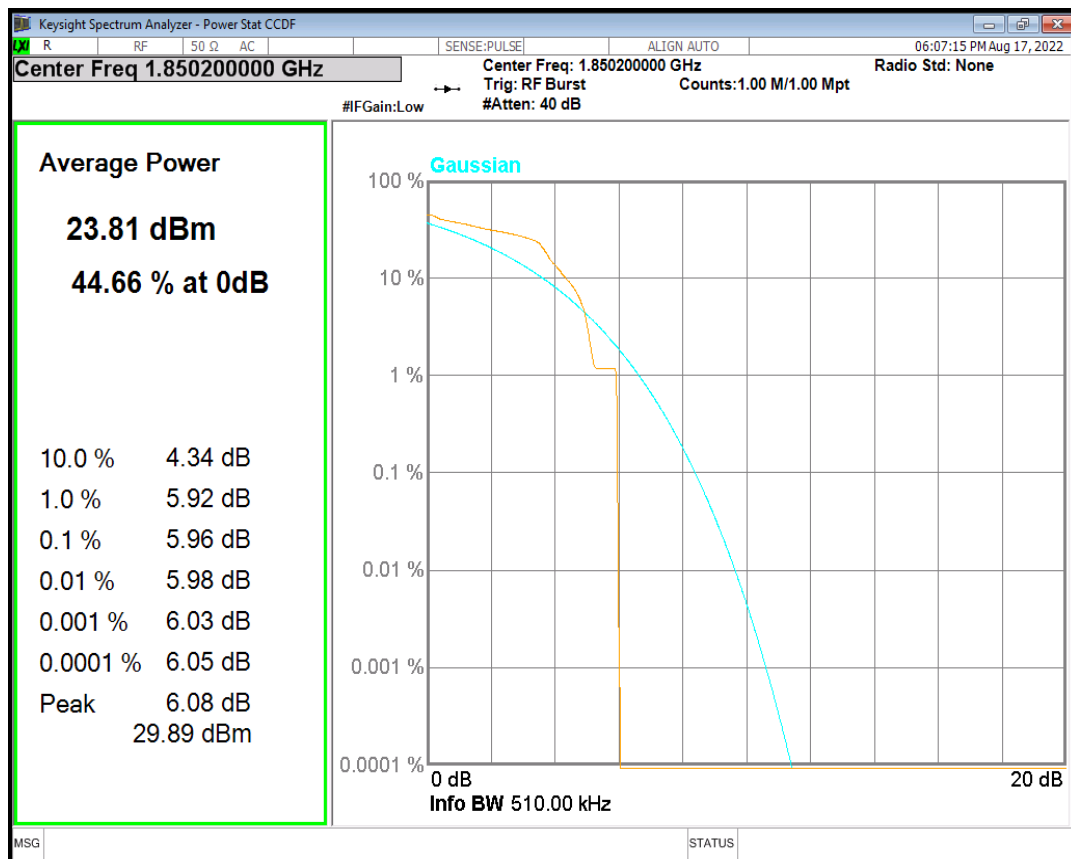
GPRS850 Channel=251



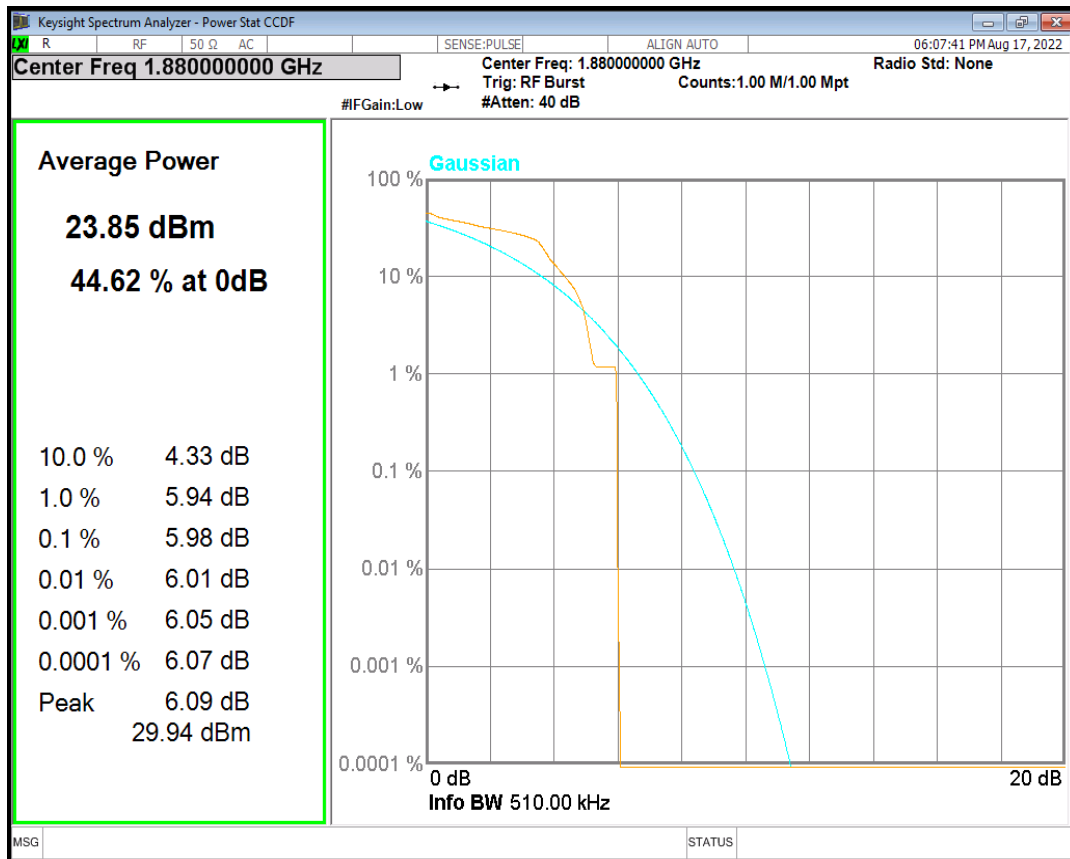
**15 Peak-to-Average Ratio**

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 5.959449257 | 13.00           | PASS    |
| EGPRS1900 | 661     | 1880            | 5.984493308 | 13.00           | PASS    |
| EGPRS1900 | 810     | 1909.8          | 5.998571429 | 13.00           | PASS    |
| EGPRS850  | 128     | 824.2           | 7.966174617 | 13.00           | PASS    |
| EGPRS850  | 190     | 836.6           | 7.837149877 | 13.00           | PASS    |
| EGPRS850  | 251     | 848.8           | 7.827727975 | 13.00           | PASS    |

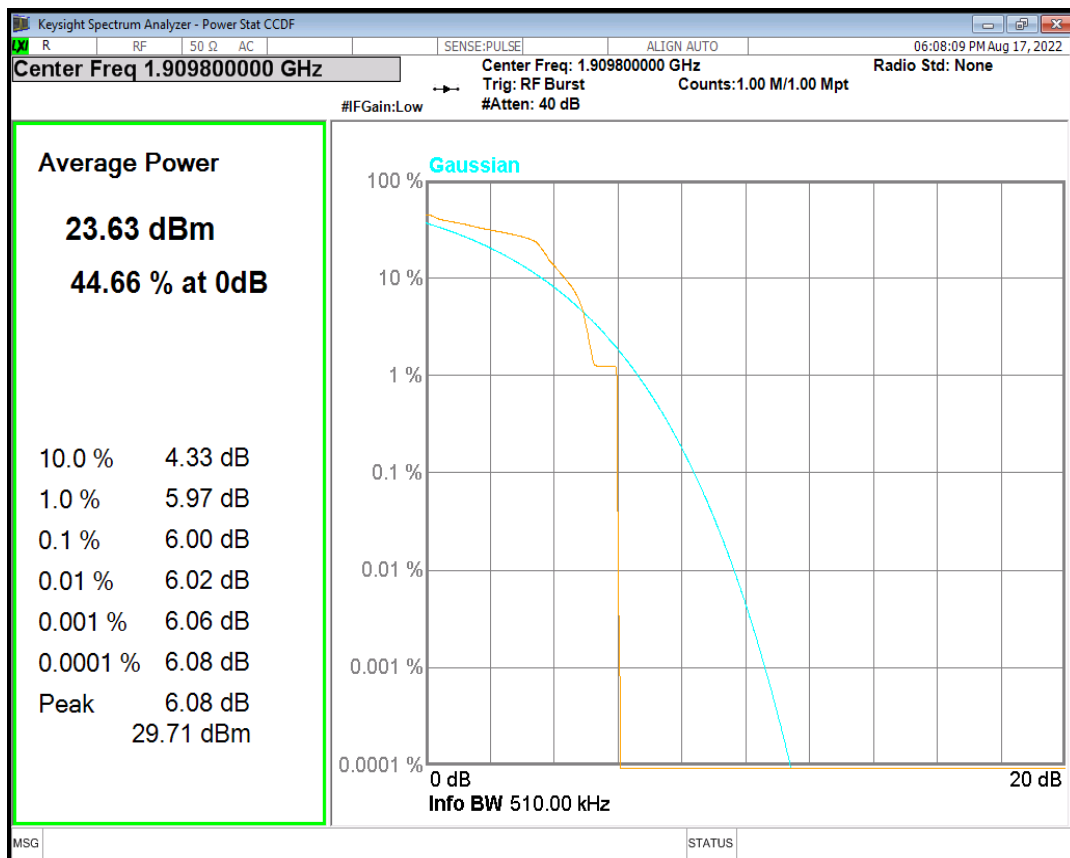
EGPRS1900 Channel=512



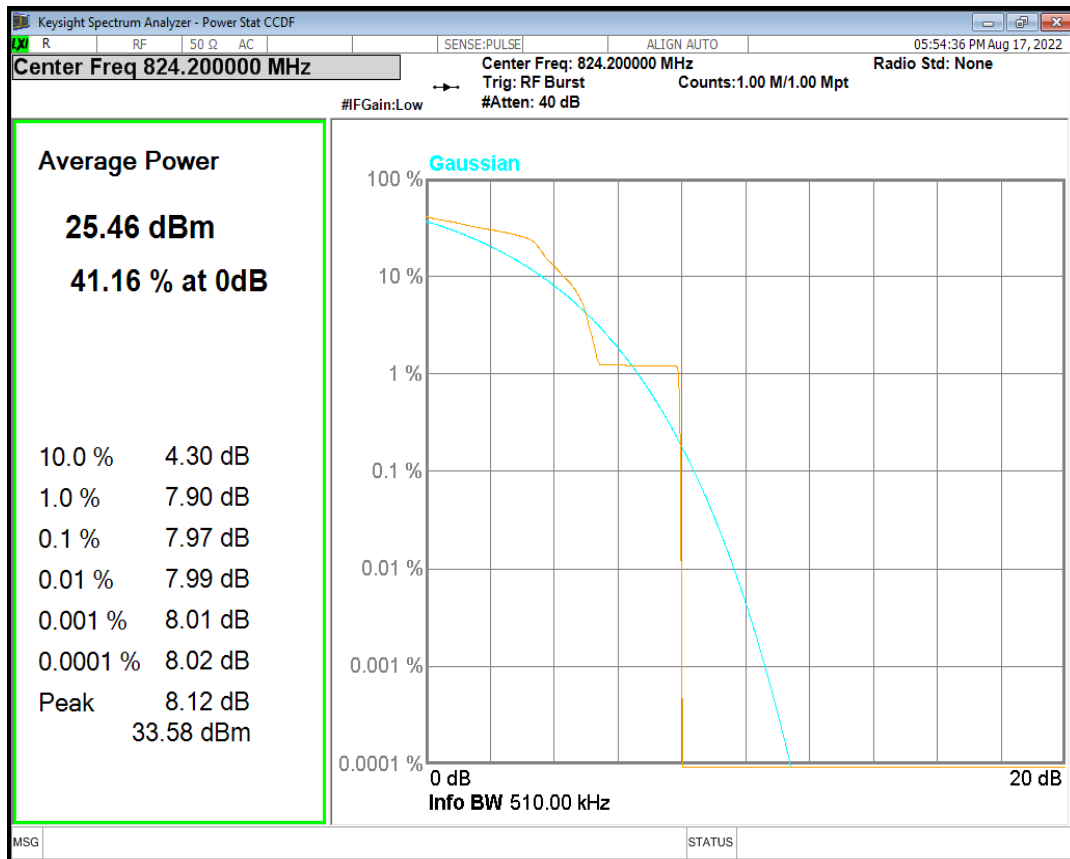
EGPRS1900 Channel=661



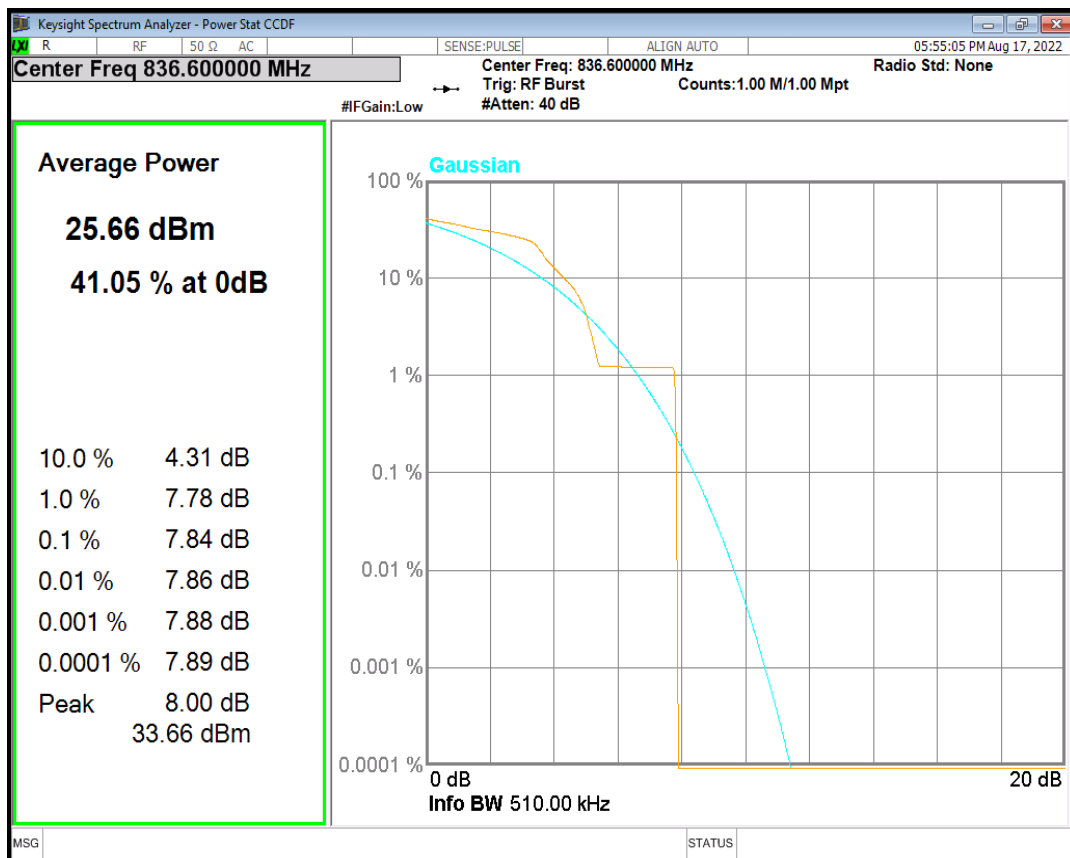
EGPRS1900 Channel=810



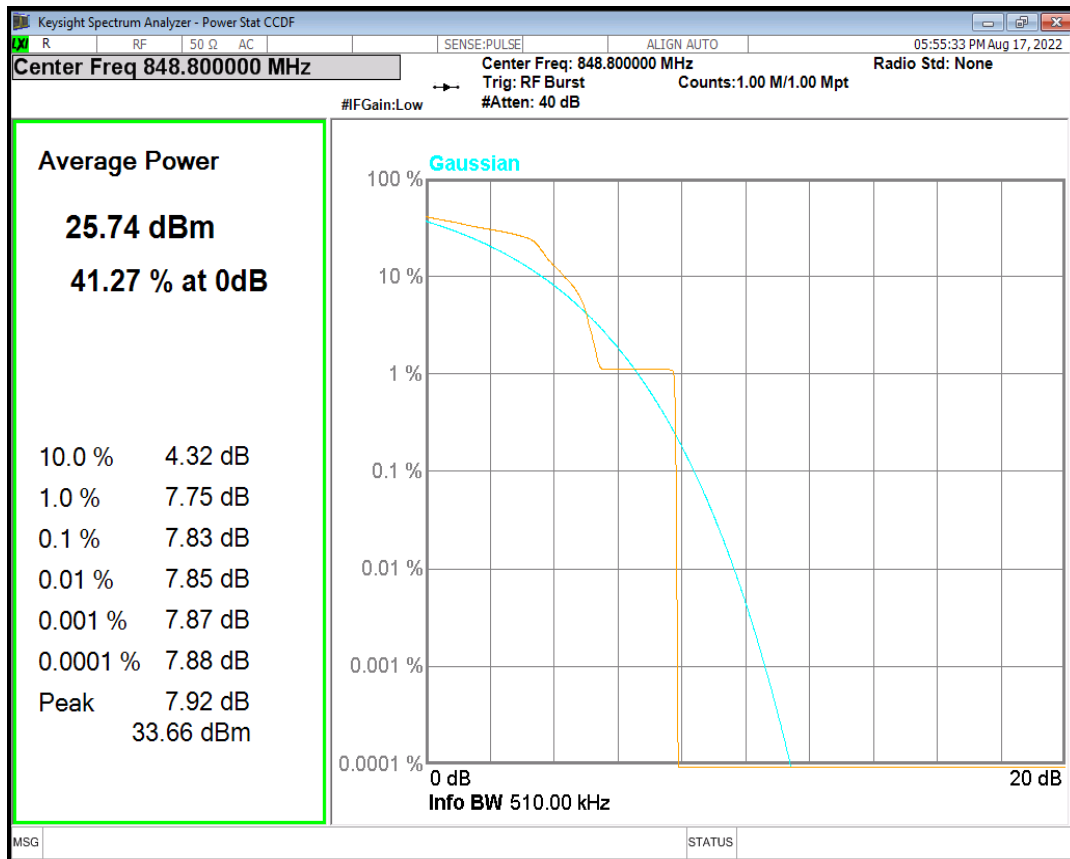
EGPRS850 Channel=128



EGPRS850 Channel=190



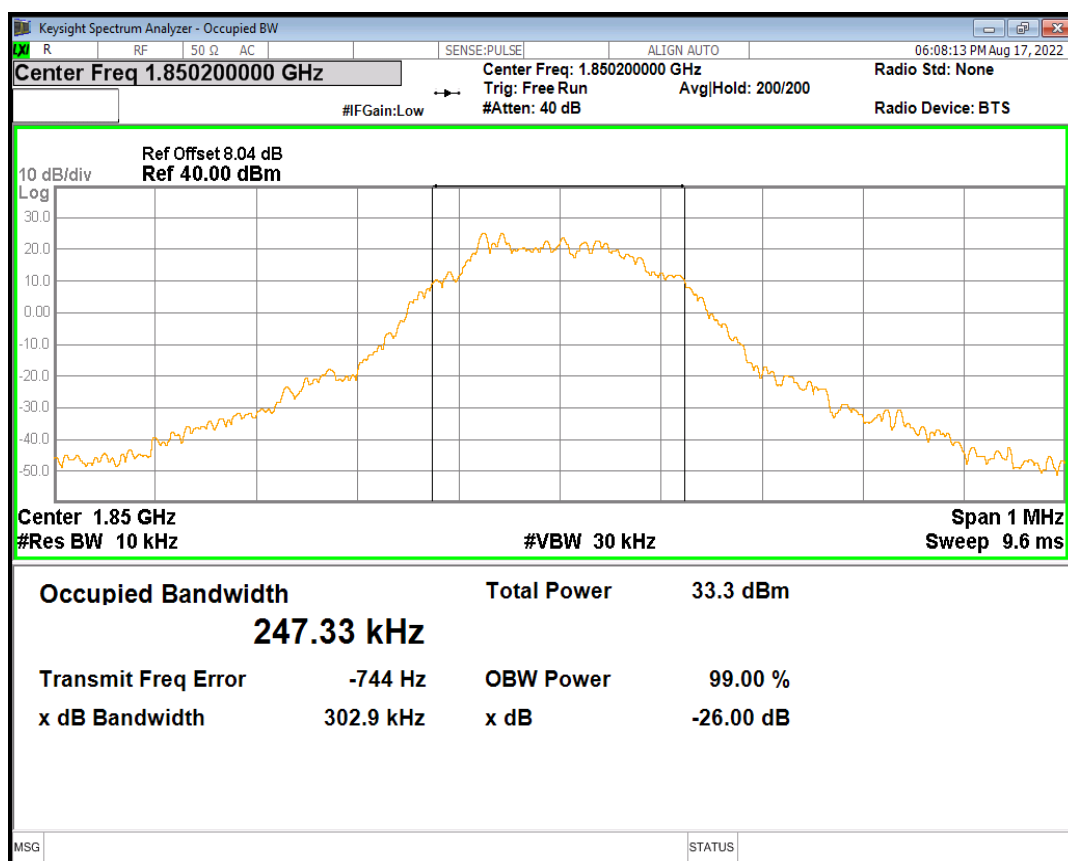
EGPRS850 Channel=251



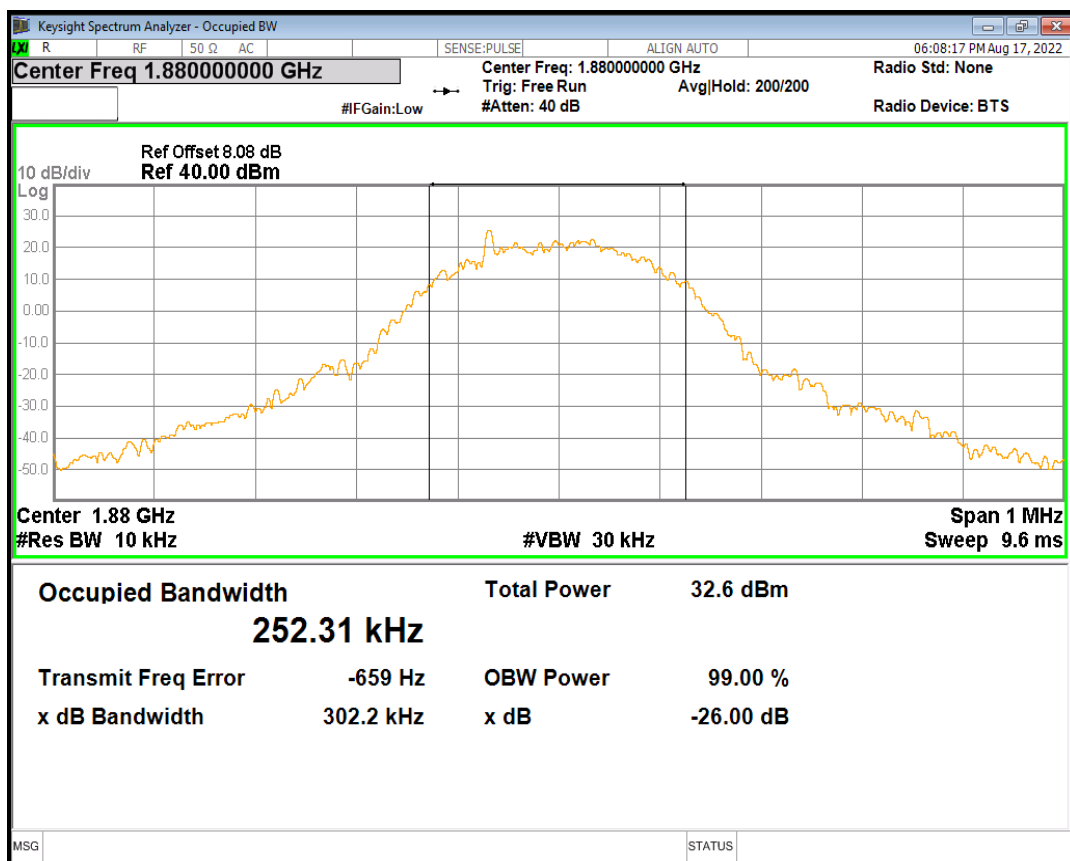
**16 Occupied bandwidth**

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 247.333       | 302.949         | PASS    |
| EGPRS1900 | 661     | 1880            | 252.309       | 302.223         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 255.858       | 332.183         | PASS    |
| EGPRS850  | 128     | 824.2           | 248.684       | 318.000         | PASS    |
| EGPRS850  | 190     | 836.6           | 248.448       | 311.712         | PASS    |
| EGPRS850  | 251     | 848.8           | 248.270       | 315.203         | PASS    |

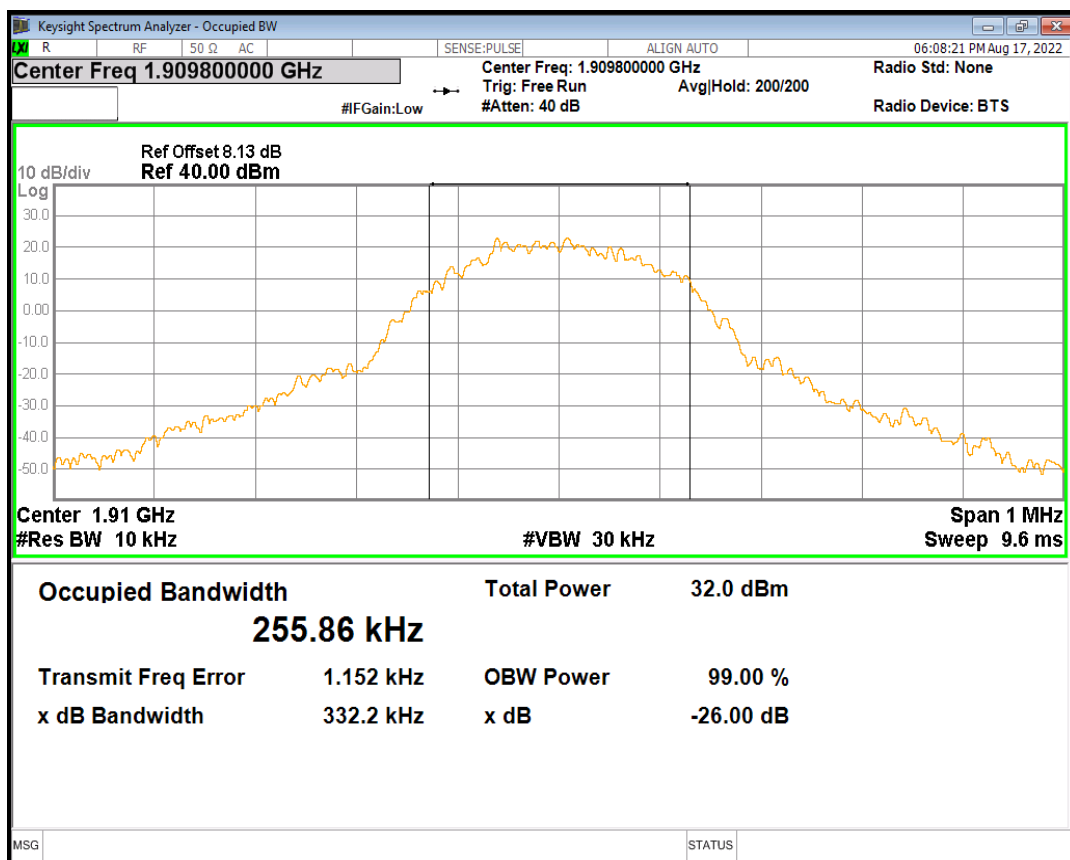
EGPRS1900 Channel=512



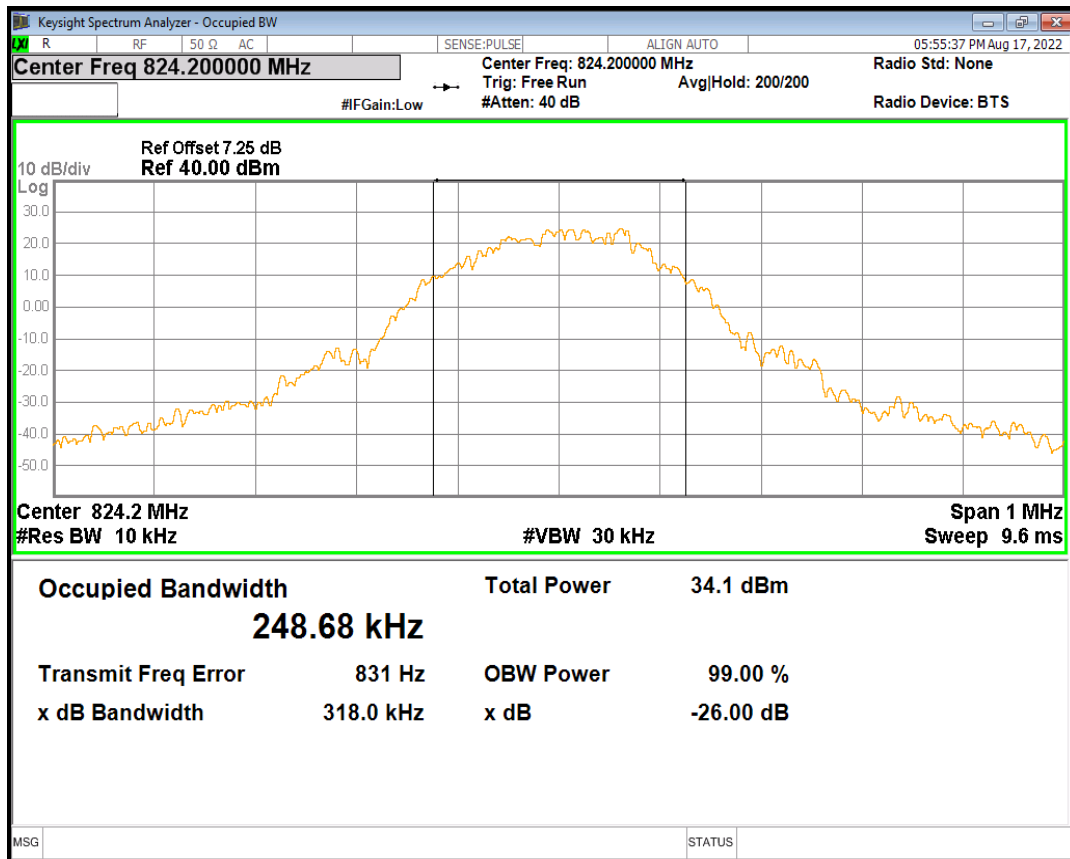
EGPRS1900 Channel=661



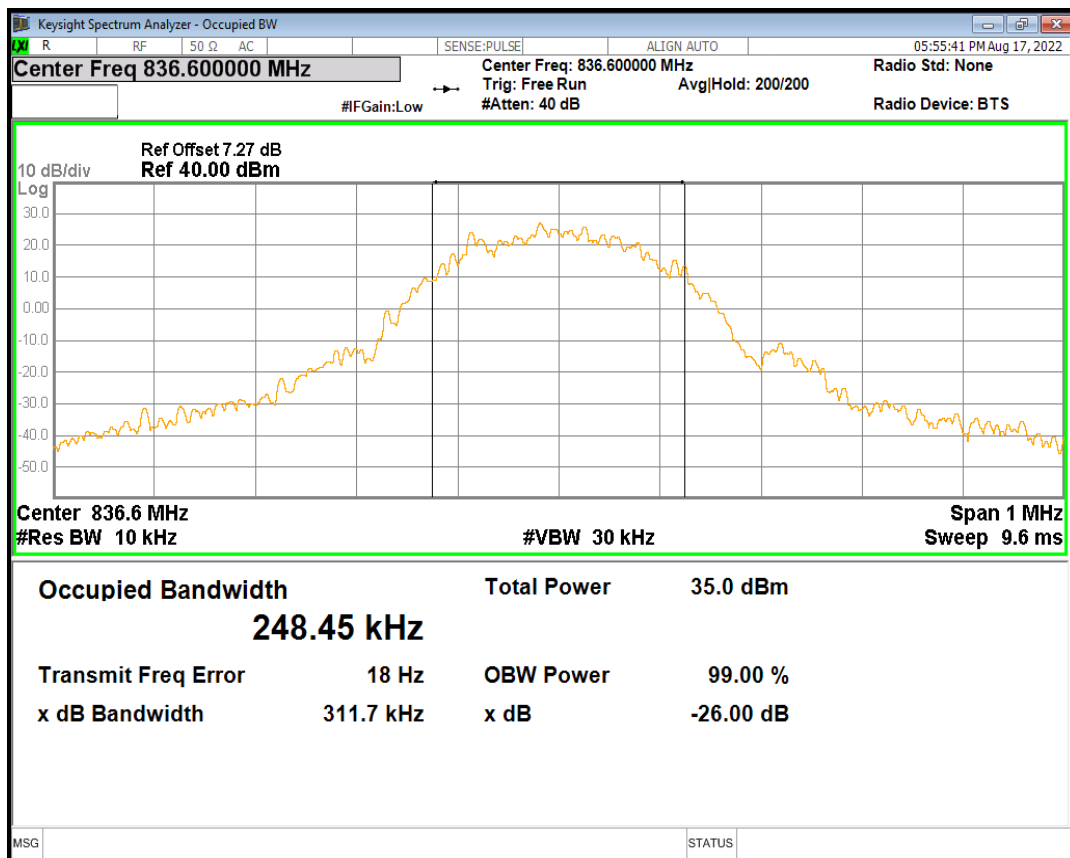
EGPRS1900 Channel=810



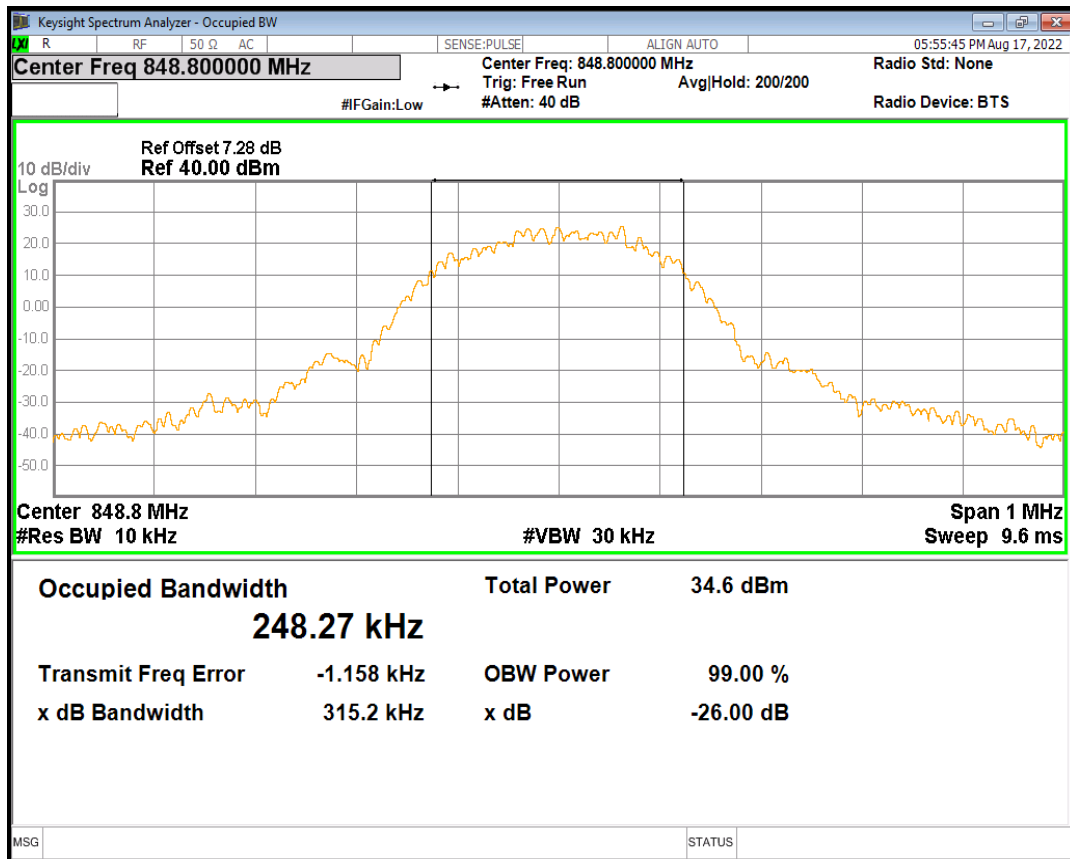
EGPRS850 Channel=128



EGPRS850 Channel=190



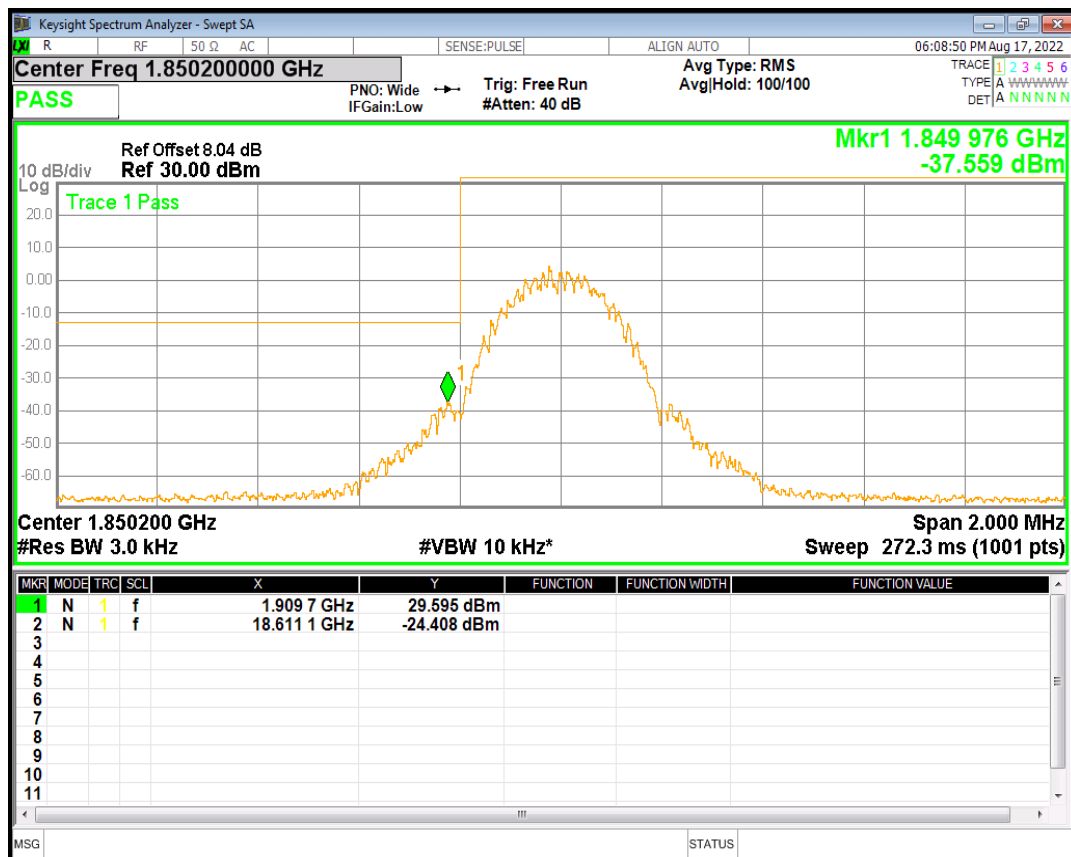
EGPRS850 Channel=251



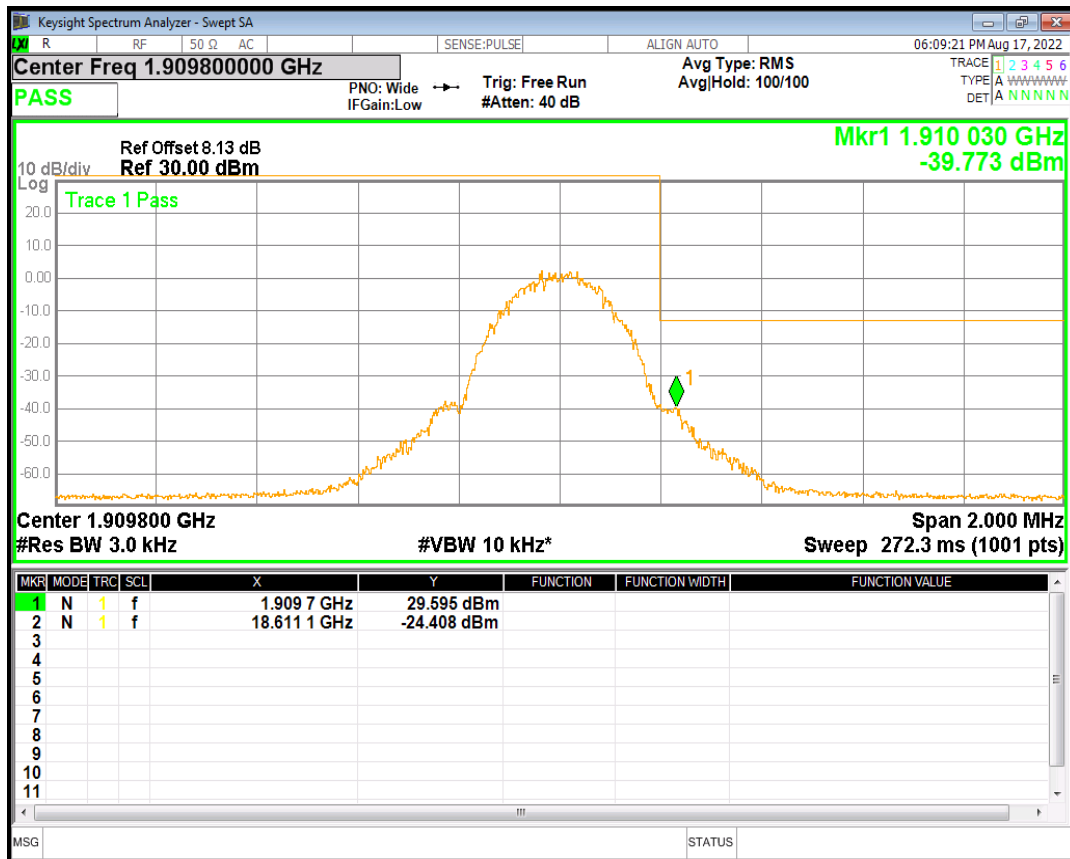
**17 Band edge**

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1849.98         | -37.55           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.03         | -39.77           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.99          | -35.18           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.01          | -35.42           | -13         | PASS    |

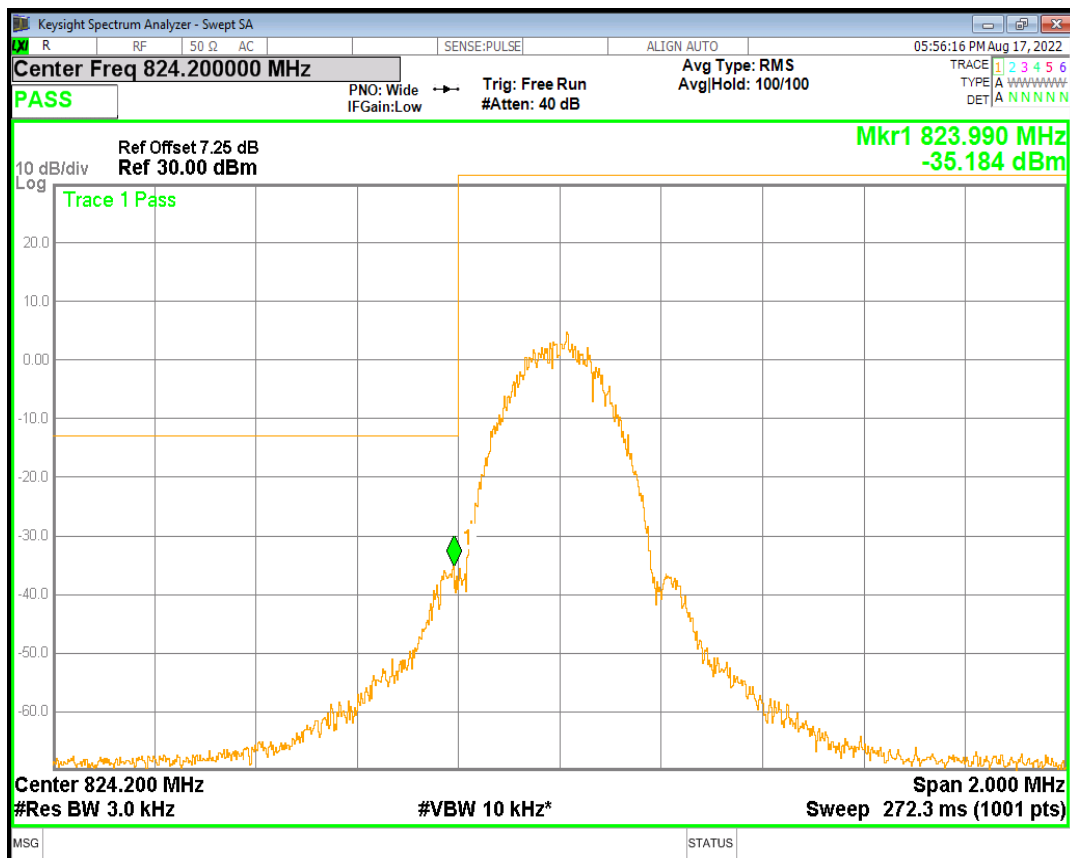
EGPRS1900 Channel=512



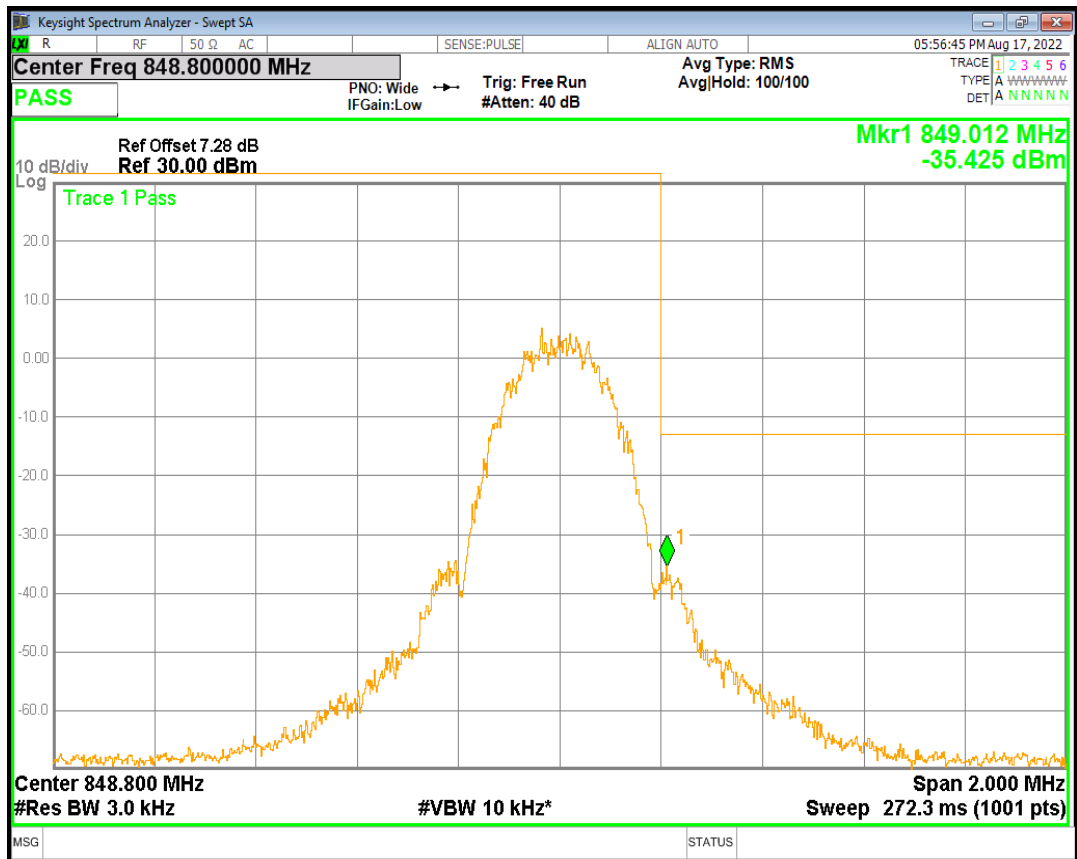
EGPRS1900 Channel=810



EGPRS850 Channel=128



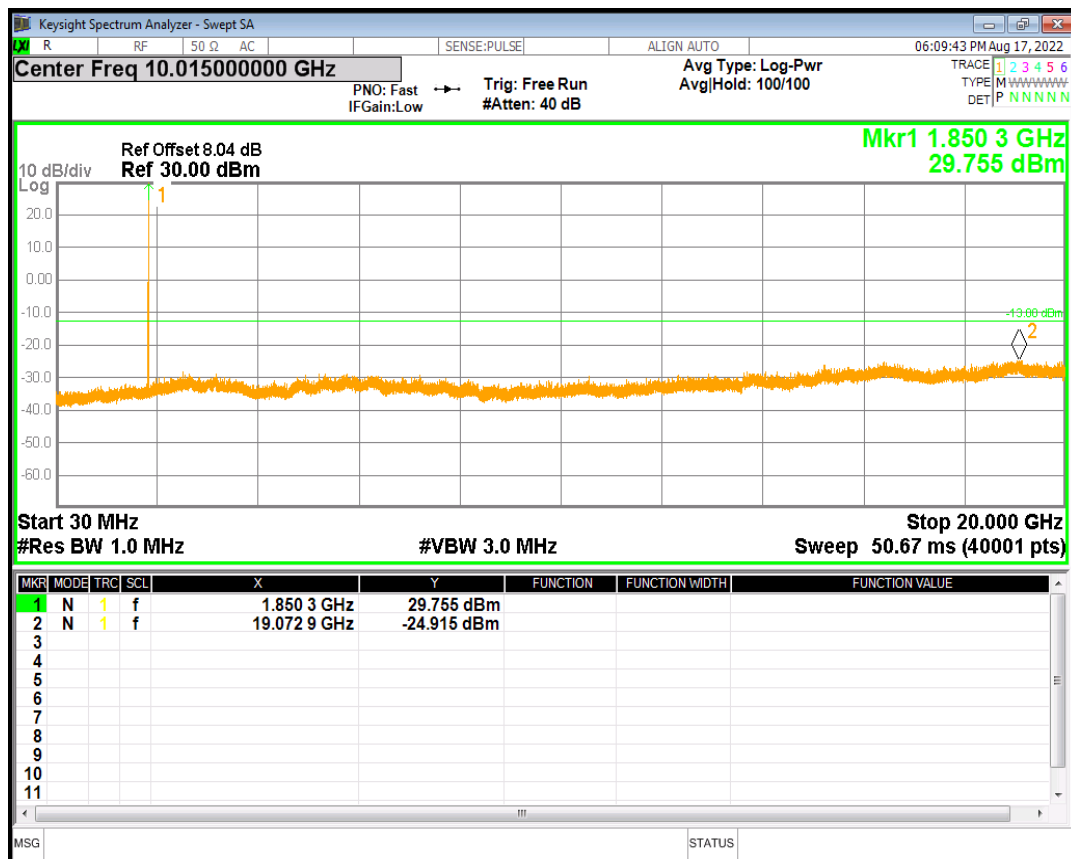
EGPRS850 Channel=251



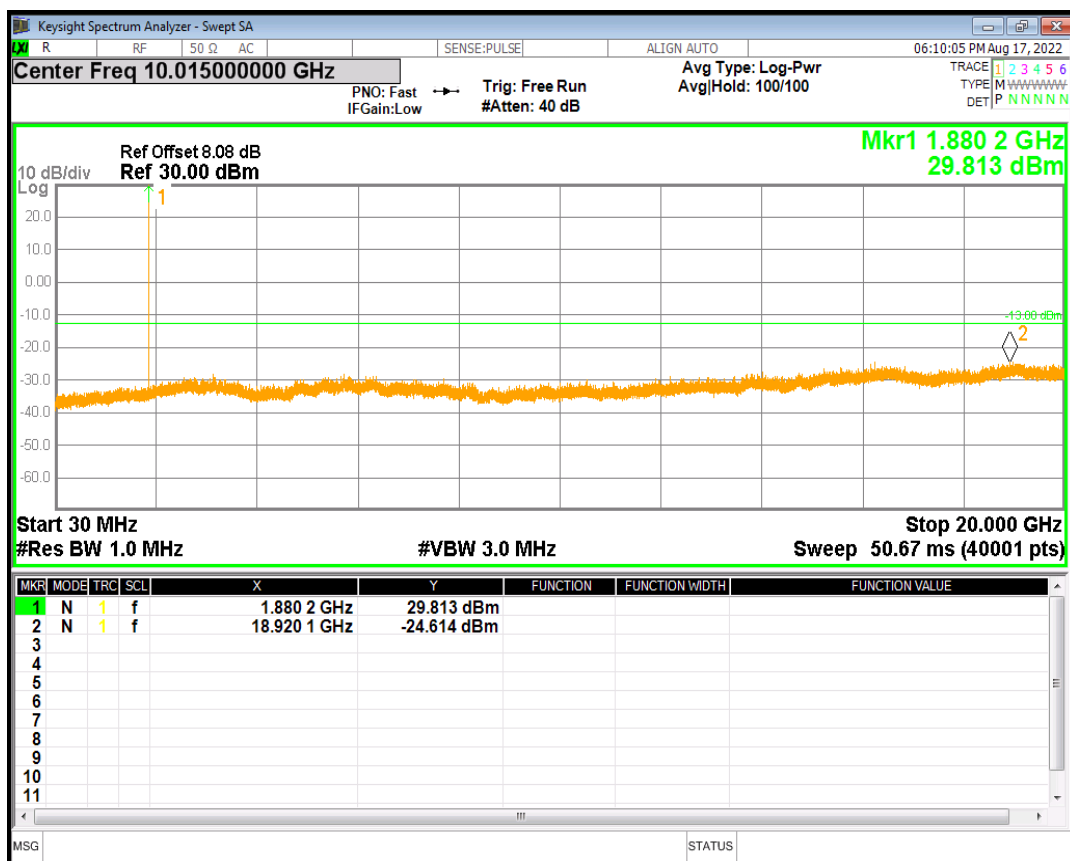
**18 Out-of-band emissions**

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 19072.89        | -24.91           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 18920.12        | -24.61           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 16382.93        | -23.72           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 6226.36         | -29.46           | -13         | PASS    |
| EGPRS850  | 190     | 836.6           | 6257.01         | -29.64           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 5788.42         | -29.30           | -13         | PASS    |

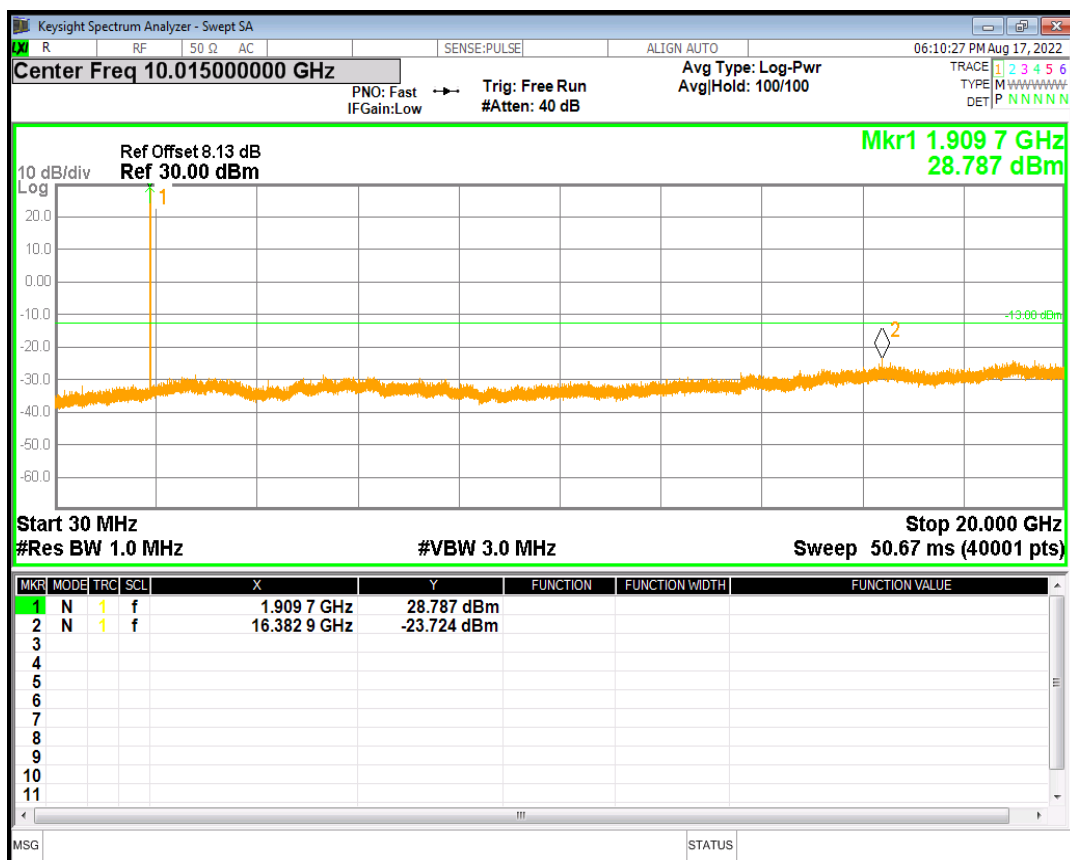
EGPRS1900 Channel=512



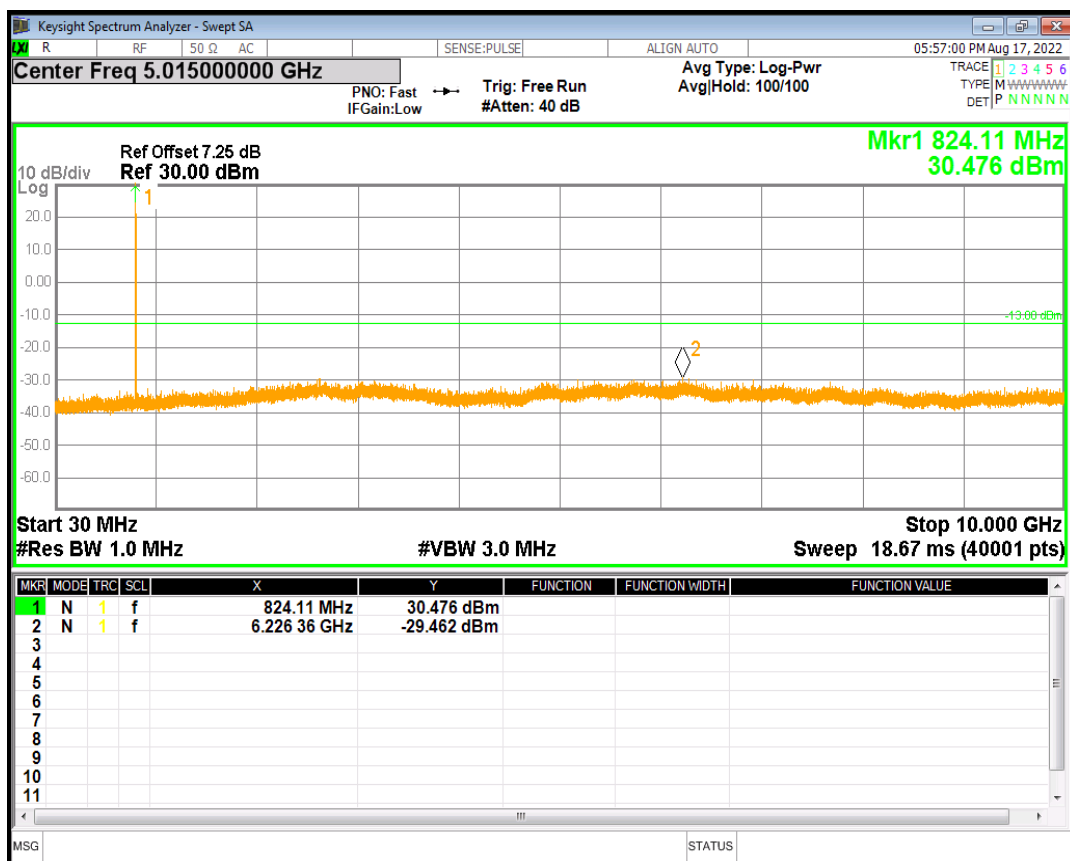
EGPRS1900 Channel=661



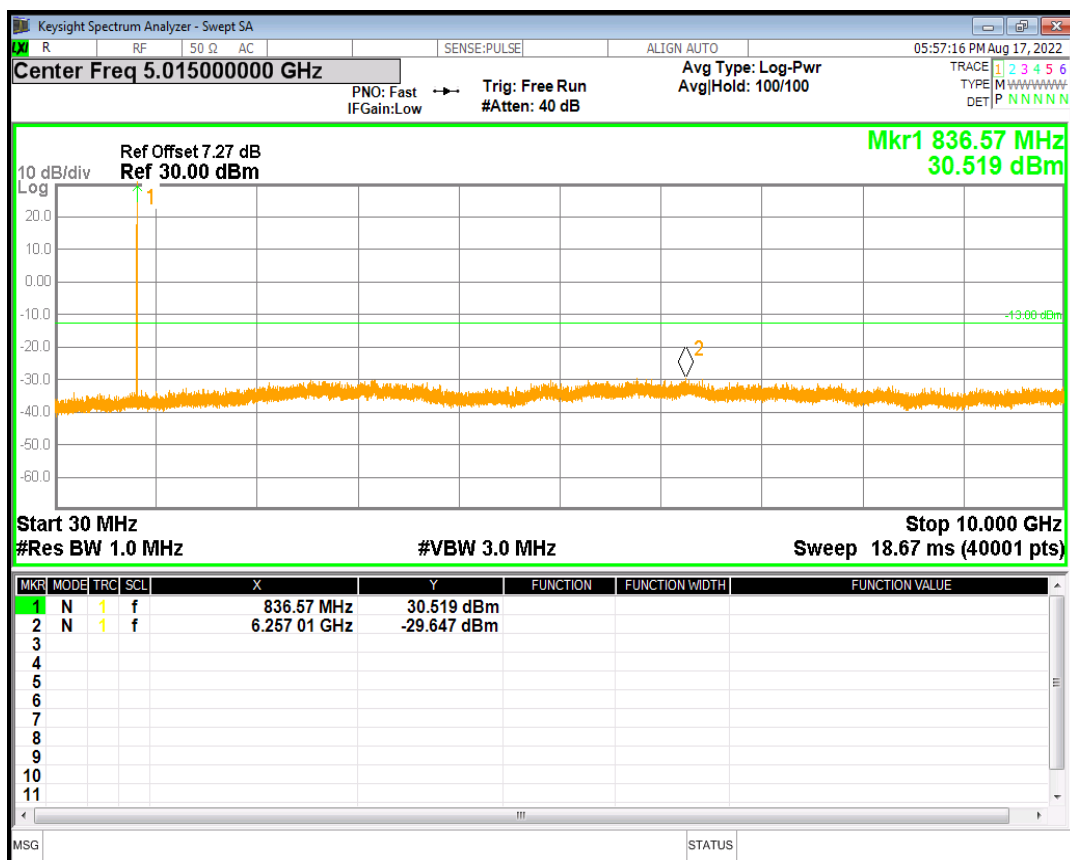
EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=190



EGPRS850 Channel=251

