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**Appendix 1. Conducted output power**

| <i>Condition</i> | <i>Band</i>      | <i>Channel</i> | <i>Frequency (MHz)</i> | <i>Power (dBm)</i> | <i>Verdict</i> |
|------------------|------------------|----------------|------------------------|--------------------|----------------|
| NVNT             | EGPRS850 1 Slot  | 128            | 824.2                  | 26.68              | PASS           |
| NVNT             | EGPRS850 1 Slot  | 190            | 836.6                  | 27.37              | PASS           |
| NVNT             | EGPRS850 1 Slot  | 251            | 848.8                  | 27.07              | PASS           |
| NVNT             | EGPRS850 2 Slot  | 128            | 824.2                  | 25.90              | PASS           |
| NVNT             | EGPRS850 2 Slot  | 190            | 836.6                  | 26.16              | PASS           |
| NVNT             | EGPRS850 2 Slot  | 251            | 848.8                  | 25.91              | PASS           |
| NVNT             | EGPRS850 3 Slot  | 128            | 824.2                  | 23.46              | PASS           |
| NVNT             | EGPRS850 3 Slot  | 190            | 836.6                  | 24.14              | PASS           |
| NVNT             | EGPRS850 3 Slot  | 251            | 848.8                  | 23.92              | PASS           |
| NVNT             | EGPRS850 4 Slot  | 128            | 824.2                  | 22.46              | PASS           |
| NVNT             | EGPRS850 4 Slot  | 190            | 836.6                  | 23.02              | PASS           |
| NVNT             | EGPRS850 4 Slot  | 251            | 848.8                  | 22.90              | PASS           |
| NVNT             | EGPRS1900 1 Slot | 512            | 1850.2                 | 26.02              | PASS           |
| NVNT             | EGPRS1900 1 Slot | 661            | 1880                   | 25.69              | PASS           |
| NVNT             | EGPRS1900 1 Slot | 810            | 1909.8                 | 25.13              | PASS           |
| NVNT             | EGPRS1900 2 Slot | 512            | 1850.2                 | 26.37              | PASS           |
| NVNT             | EGPRS1900 2 Slot | 661            | 1880                   | 25.40              | PASS           |
| NVNT             | EGPRS1900 2 Slot | 810            | 1909.8                 | 24.76              | PASS           |
| NVNT             | EGPRS1900 3 Slot | 512            | 1850.2                 | 24.13              | PASS           |
| NVNT             | EGPRS1900 3 Slot | 661            | 1880                   | 23.46              | PASS           |
| NVNT             | EGPRS1900 3 Slot | 810            | 1909.8                 | 22.96              | PASS           |
| NVNT             | EGPRS1900 4 Slot | 512            | 1850.2                 | 23.13              | PASS           |
| NVNT             | EGPRS1900 4 Slot | 661            | 1880                   | 22.15              | PASS           |
| NVNT             | EGPRS1900 4 Slot | 810            | 1909.8                 | 22.10              | PASS           |

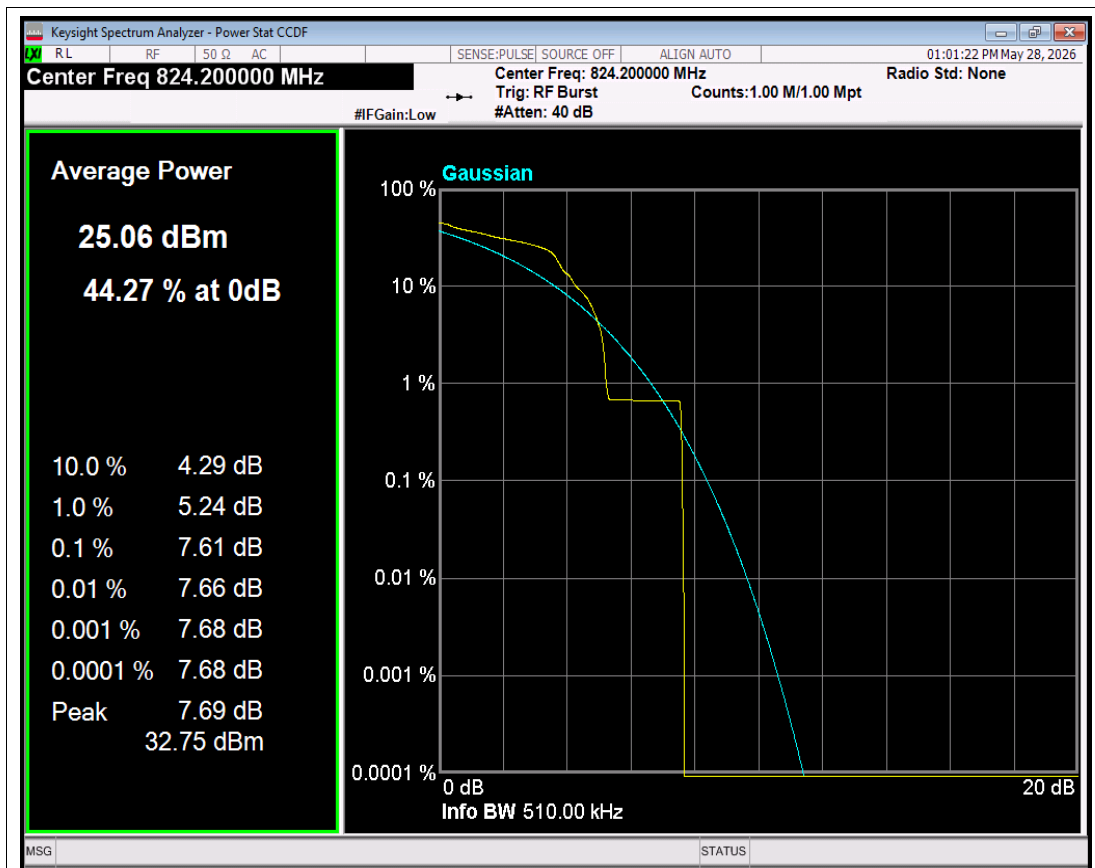
## Appendix 2.Frequency stability

| Condition | Band      | Channel | Frequency<br>(MHz) | Voltage<br>(Vdc) | Temperatue<br>(C) | Result<br>(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|-----------|-----------|---------|--------------------|------------------|-------------------|----------------|-----------------|-----------------------|------------------------|---------|
| NVNT      | EGPRS850  | 128     | 824.2              | LV               | NT                | 999.00         | 1.212           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | NT                | -5.78          | -0.007          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | HV               | NT                | -7.30          | -0.009          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | LV               | NT                | -7.10          | -0.008          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | NT                | -5.39          | -0.006          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | HV               | NT                | -4.94          | -0.006          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | LV               | NT                | -3.45          | -0.004          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | NV               | NT                | -4.26          | -0.005          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | HV               | NT                | -2.81          | -0.003          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 512     | 1850.2             | LV               | NT                | -4.20          | -0.002          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 512     | 1850.2             | NV               | NT                | -0.13          | 0.000           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 512     | 1850.2             | HV               | NT                | -0.77          | 0.000           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 661     | 1880               | LV               | NT                | -4.46          | -0.002          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 661     | 1880               | NV               | NT                | -3.20          | -0.002          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 661     | 1880               | HV               | NT                | -3.84          | -0.002          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 810     | 1909.8             | LV               | NT                | -0.97          | -0.001          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 810     | 1909.8             | NV               | NT                | -1.10          | -0.001          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS1900 | 810     | 1909.8             | HV               | NT                | 1.55           | 0.001           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | -30               | 0.71           | 0.001           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | -20               | 1.45           | 0.002           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | 0                 | 0.42           | 0.001           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | 10                | 0.84           | 0.001           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | 20                | 3.33           | 0.004           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | 30                | -3.65          | -0.004          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | 40                | -2.58          | -0.003          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 128     | 824.2              | NV               | 50                | 2.20           | 0.003           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | -30               | 0.23           | 0.000           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | -20               | 0.61           | 0.001           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | 0                 | 0.10           | 0.000           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | 10                | -2.23          | -0.003          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | 20                | 3.68           | 0.004           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | 30                | 1.78           | 0.002           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | 40                | 5.68           | 0.007           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | NV               | 50                | -1.68          | -0.002          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | NV               | -30               | 3.13           | 0.004           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | NV               | -20               | -2.36          | -0.003          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | NV               | 0                 | 4.36           | 0.005           | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | NV               | 10                | -1.19          | -0.001          | -2.5                  | 2.5                    | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | NV               | 20                | 0.03           | 0.000           | -2.5                  | 2.5                    | PASS    |

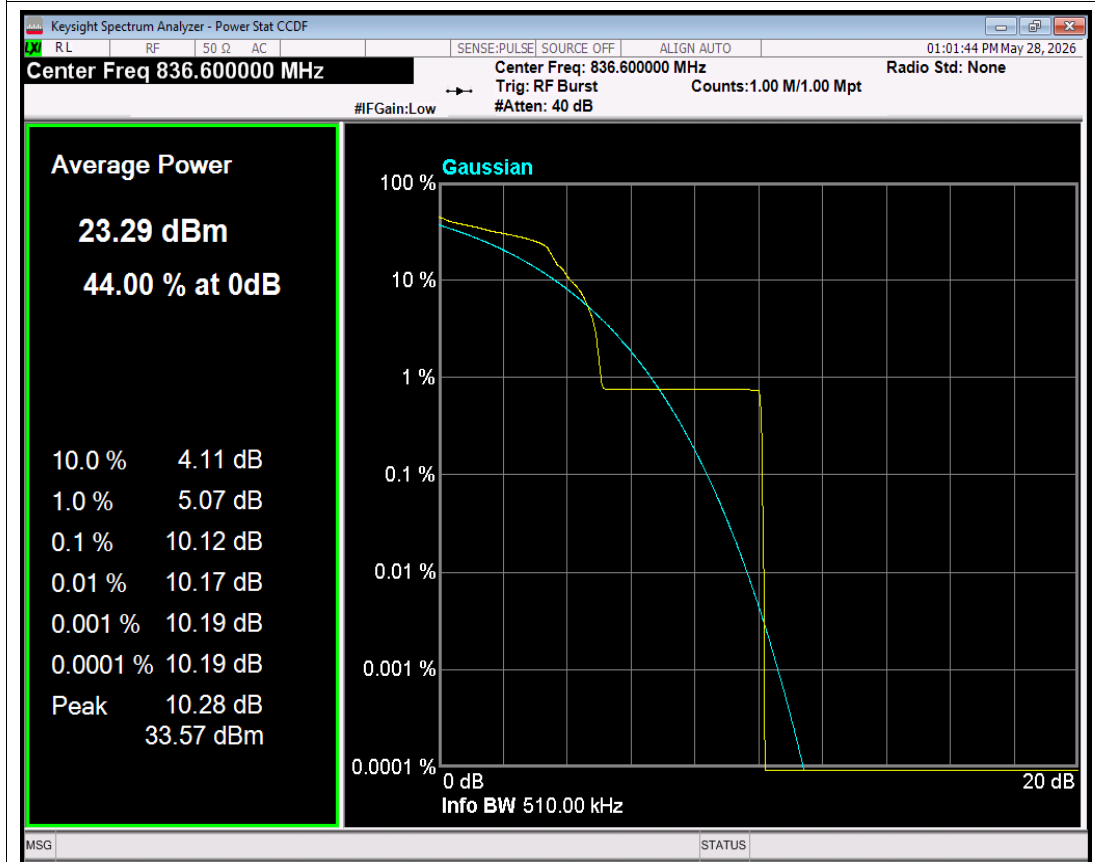
|      |           |     |        |    |     |       |        |      |     |      |
|------|-----------|-----|--------|----|-----|-------|--------|------|-----|------|
| NVNT | EGPRS850  | 251 | 848.8  | NV | 30  | -0.06 | 0.000  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS850  | 251 | 848.8  | NV | 40  | 4.88  | 0.006  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS850  | 251 | 848.8  | NV | 50  | 1.42  | 0.002  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | -30 | 5.81  | 0.003  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | -20 | 9.72  | 0.005  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | 0   | 7.43  | 0.004  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | 10  | 7.20  | 0.004  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | 20  | 10.56 | 0.006  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | 30  | 2.26  | 0.001  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | 40  | 6.42  | 0.003  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 512 | 1850.2 | NV | 50  | 2.45  | 0.001  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | -30 | -0.48 | 0.000  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | -20 | 2.55  | 0.001  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | 0   | -4.10 | -0.002 | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | 10  | 3.03  | 0.002  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | 20  | -0.32 | 0.000  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | 30  | 6.10  | 0.003  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | 40  | 3.36  | 0.002  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 661 | 1880   | NV | 50  | 3.00  | 0.002  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | -30 | 0.52  | 0.000  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | -20 | -0.77 | 0.000  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | 0   | -2.71 | -0.001 | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | 10  | 2.91  | 0.002  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | 20  | 1.81  | 0.001  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | 30  | 7.97  | 0.004  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | 40  | 9.72  | 0.005  | -2.5 | 2.5 | PASS |
| NVNT | EGPRS1900 | 810 | 1909.8 | NV | 50  | 7.75  | 0.004  | -2.5 | 2.5 | PASS |

**Appendix 3. Peak-to-Average Ratio**

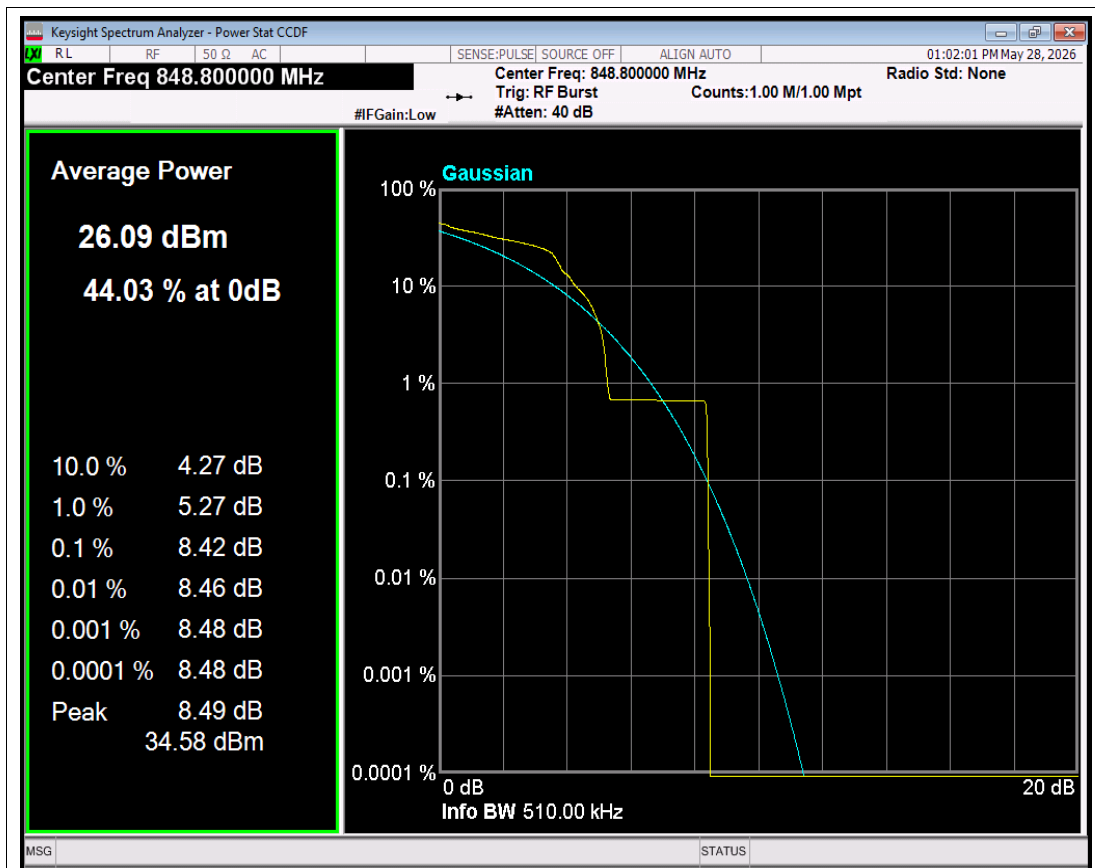
| <i>Condition</i> | <i>Band</i> | <i>Channel</i> | <i>Frequency<br/>(MHz)</i> | <i>Result (dB)</i> | <i>high<br/>Limit<br/>(dB)</i> | <i>Verdict</i> |
|------------------|-------------|----------------|----------------------------|--------------------|--------------------------------|----------------|
| NVNT             | EGPRS850    | 128            | 824.2                      | 7.614007937        | 13.00                          | PASS           |
| NVNT             | EGPRS850    | 190            | 836.6                      | 10.12039024        | 13.00                          | PASS           |
| NVNT             | EGPRS850    | 251            | 848.8                      | 8.416281139        | 13.00                          | PASS           |
| NVNT             | EGPRS1900   | 512            | 1850.2                     | 5.689090909        | 13.00                          | PASS           |
| NVNT             | EGPRS1900   | 661            | 1880                       | 6.73700361         | 13.00                          | PASS           |
| NVNT             | EGPRS1900   | 810            | 1909.8                     | 6.84               | 13.00                          | PASS           |



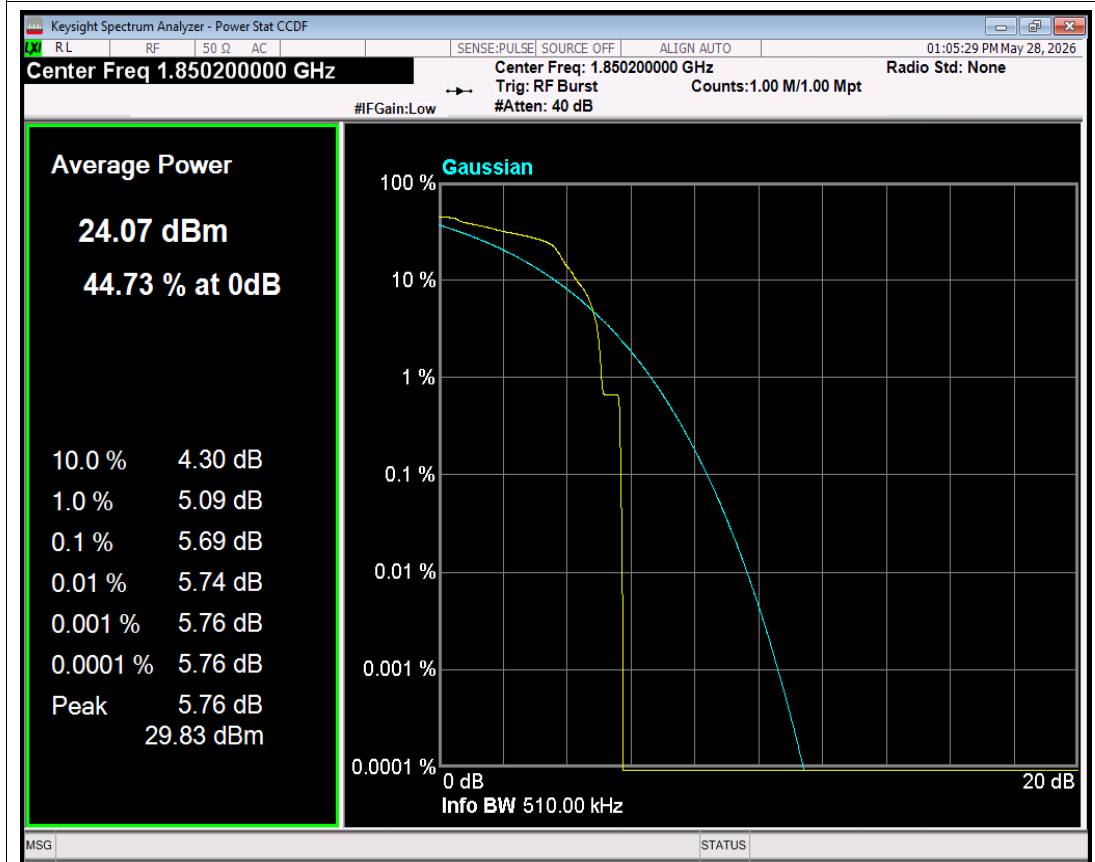
EGPRS850 Channel=128 NVNT



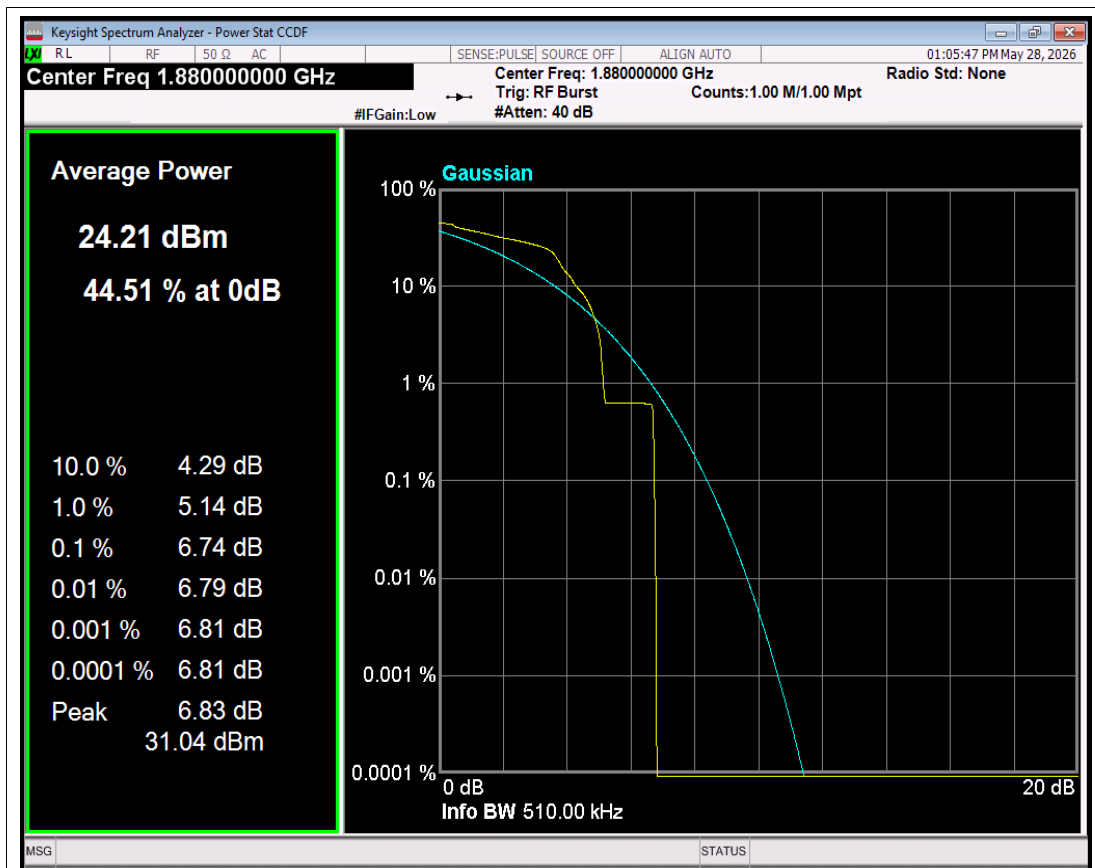
EGPRS850 Channel=190 NVNT



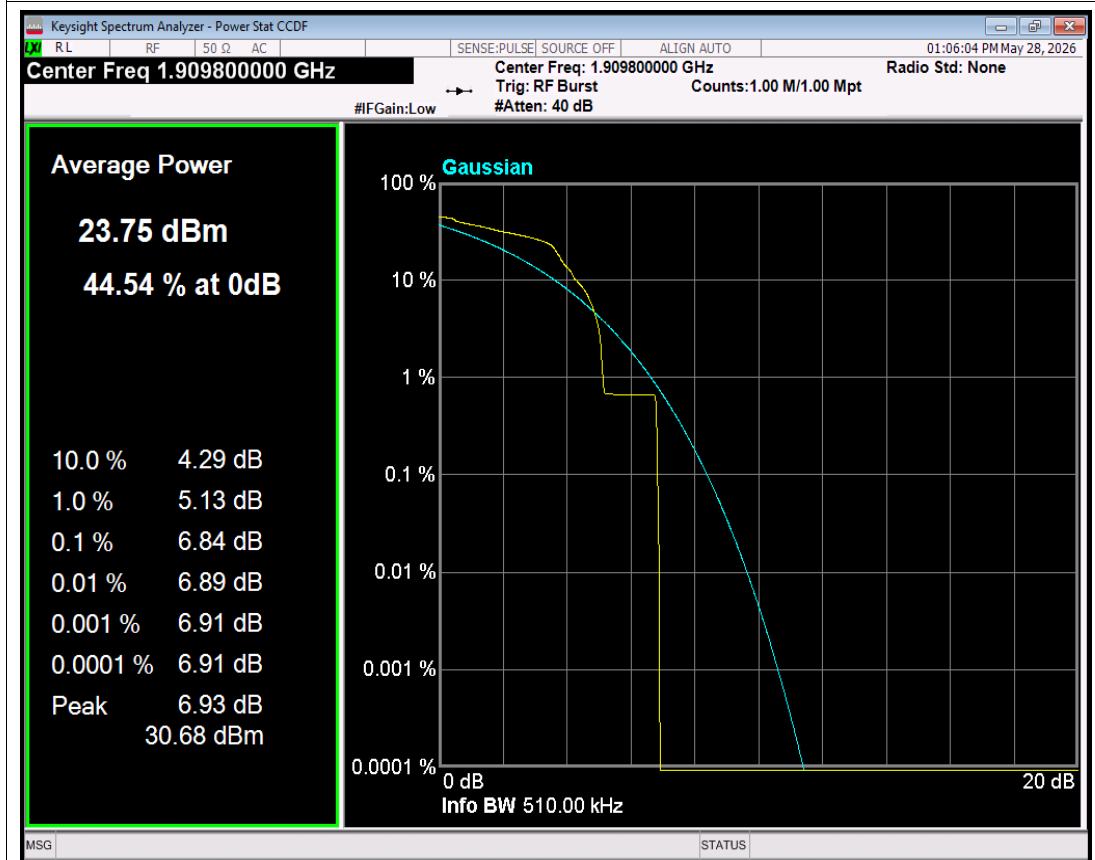
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



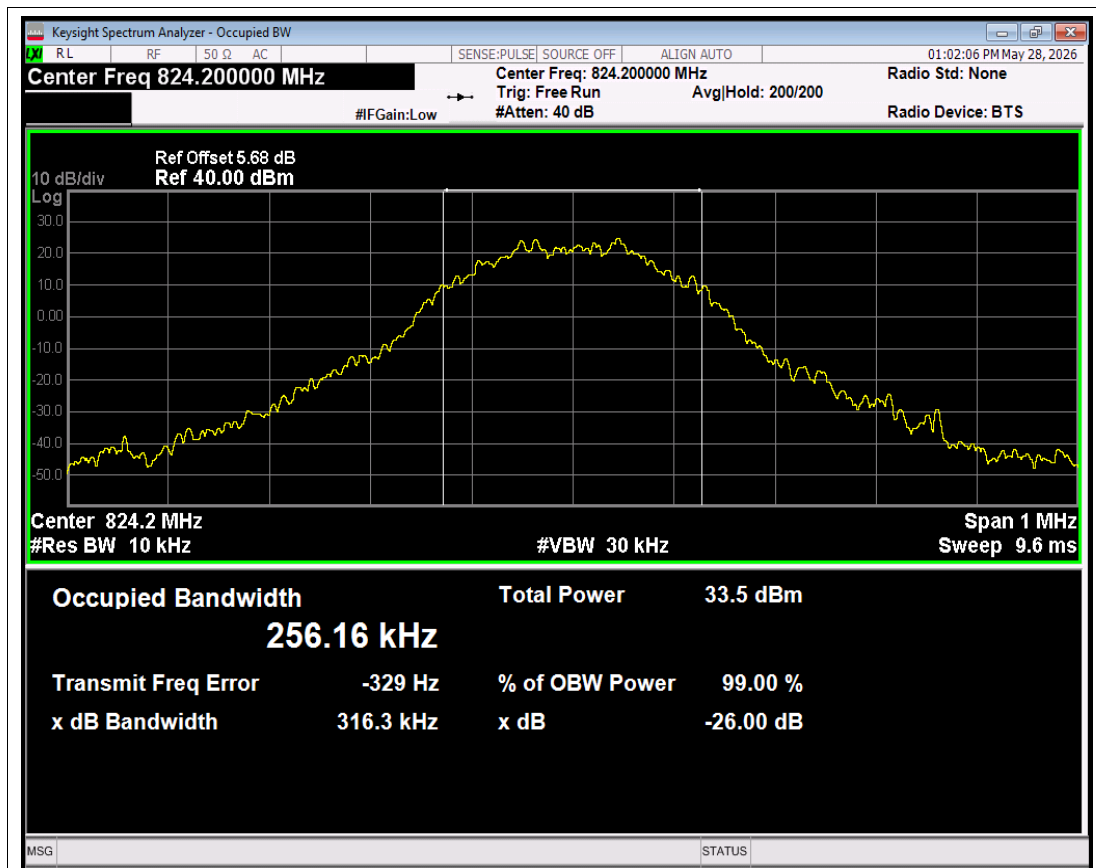
EGPRS1900 Channel=661 NVNT



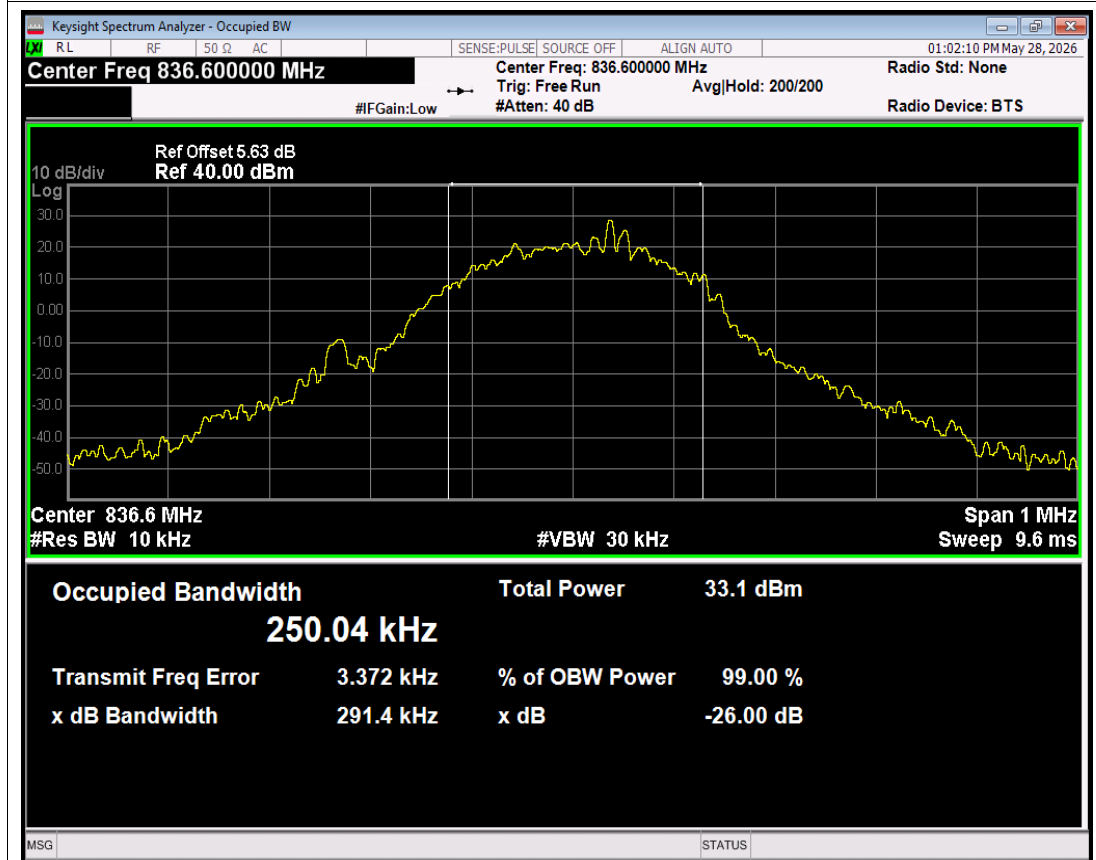
EGPRS1900 Channel=810 NVNT

***Appendix 4.Occupied bandwidth***

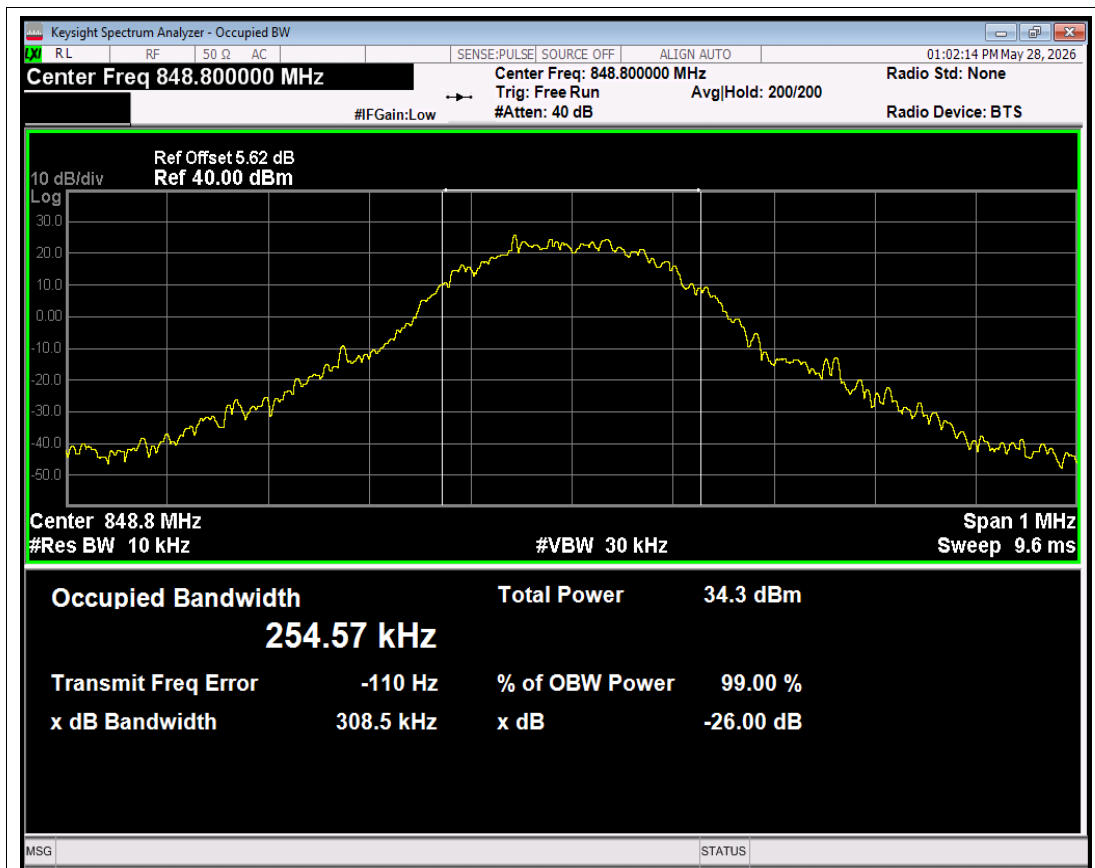
| <b><i>Condition</i></b> | <b><i>Band</i></b> | <b><i>Channel</i></b> | <b><i>Frequency<br/>(MHz)</i></b> | <b><i>99%<br/>OBW<br/>(kHz)</i></b> | <b><i>-26dB<br/>EBW<br/>(kHz)</i></b> | <b><i>Verdict</i></b> |
|-------------------------|--------------------|-----------------------|-----------------------------------|-------------------------------------|---------------------------------------|-----------------------|
| NVNT                    | EGPRS850           | 128                   | 824.2                             | 256.157                             | 316.308                               | PASS                  |
| NVNT                    | EGPRS850           | 190                   | 836.6                             | 250.038                             | 291.362                               | PASS                  |
| NVNT                    | EGPRS850           | 251                   | 848.8                             | 254.570                             | 308.501                               | PASS                  |
| NVNT                    | EGPRS1900          | 512                   | 1850.2                            | 254.052                             | 315.178                               | PASS                  |
| NVNT                    | EGPRS1900          | 661                   | 1880                              | 248.504                             | 306.487                               | PASS                  |
| NVNT                    | EGPRS1900          | 810                   | 1909.8                            | 250.445                             | 321.581                               | PASS                  |



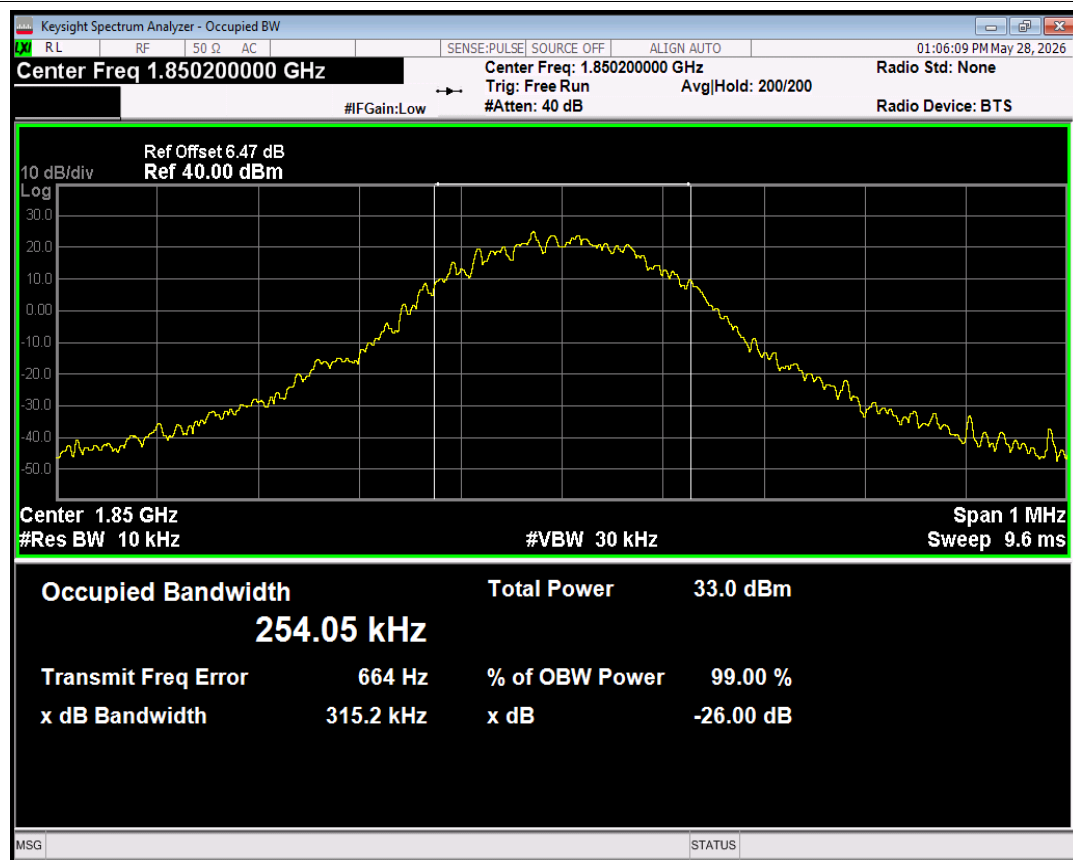
EGPRS850 Channel=128 NVNT



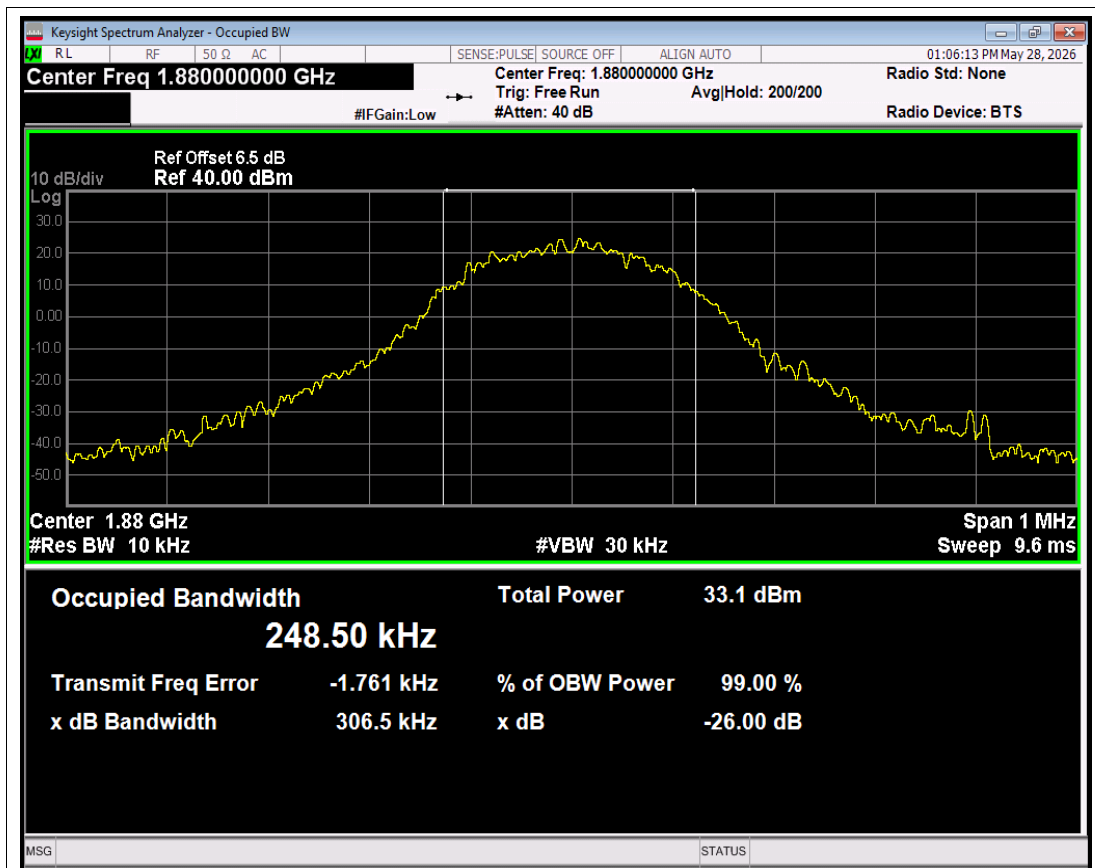
EGPRS850 Channel=190 NVNT



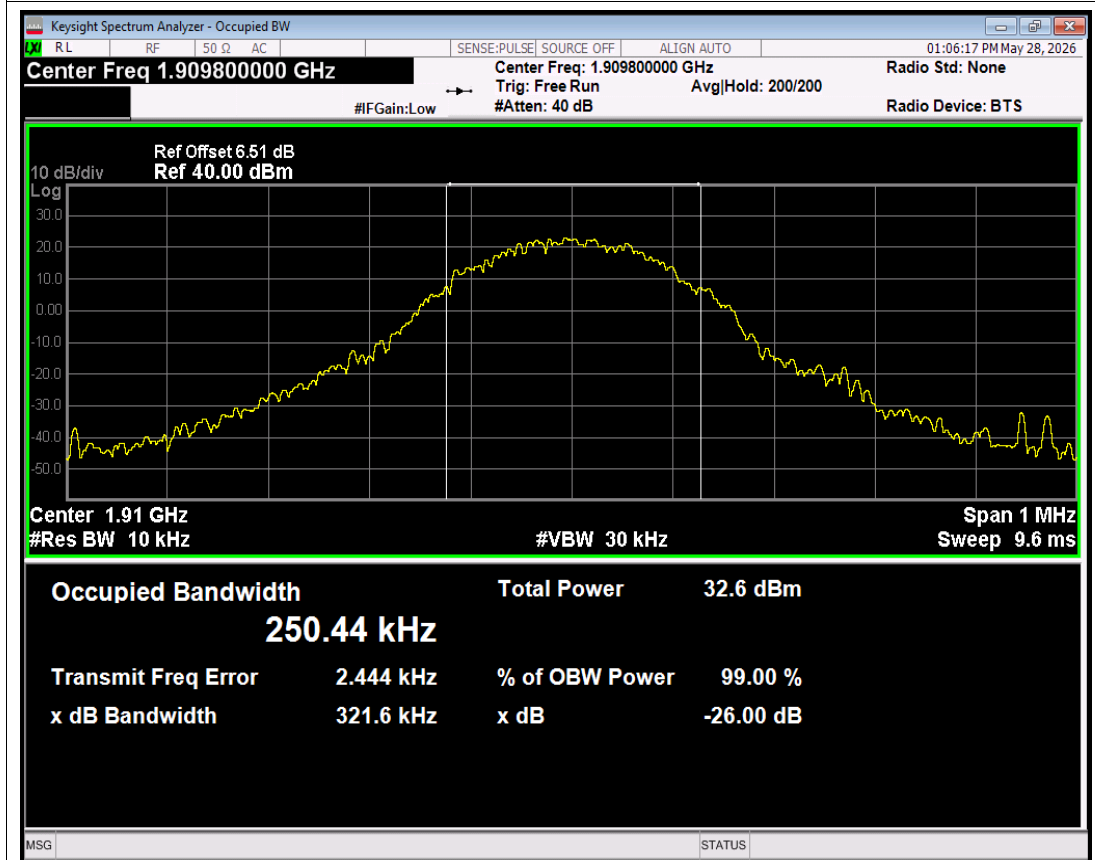
EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



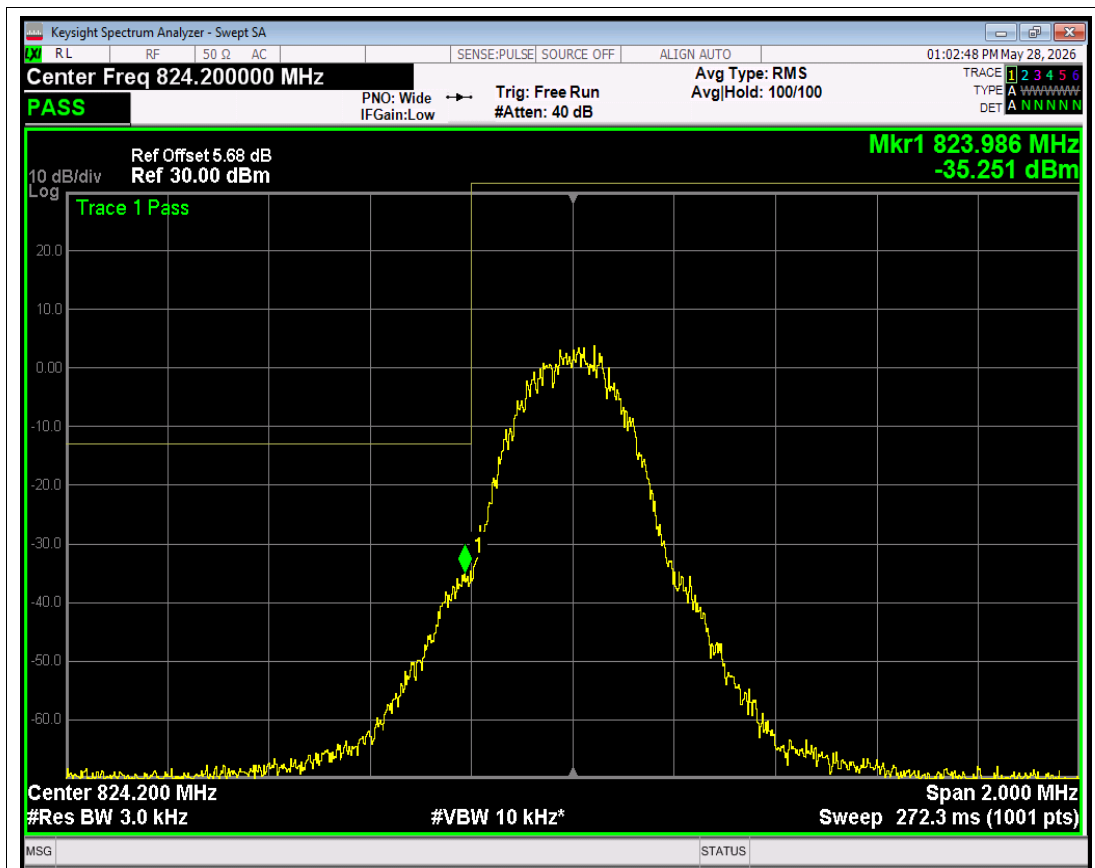
EGPRS1900 Channel=661 NVNT



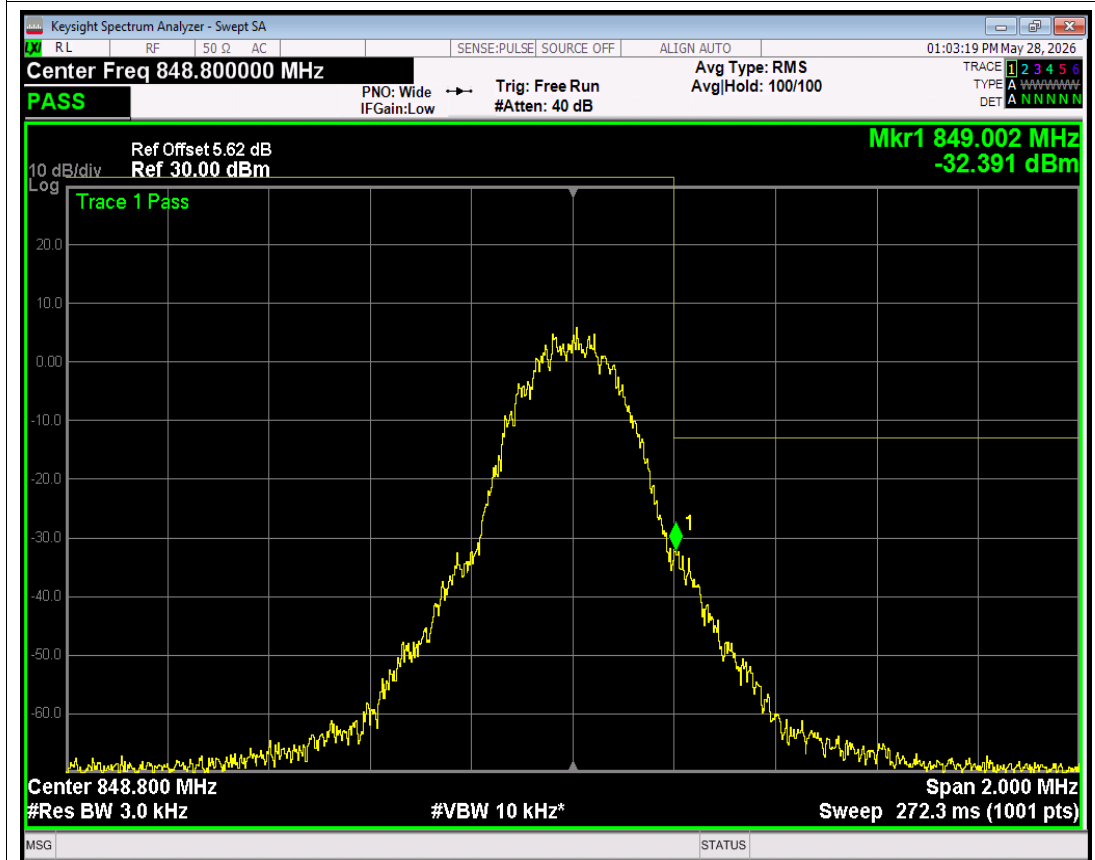
EGPRS1900 Channel=810 NVNT

**Appendix 5.Band edge**

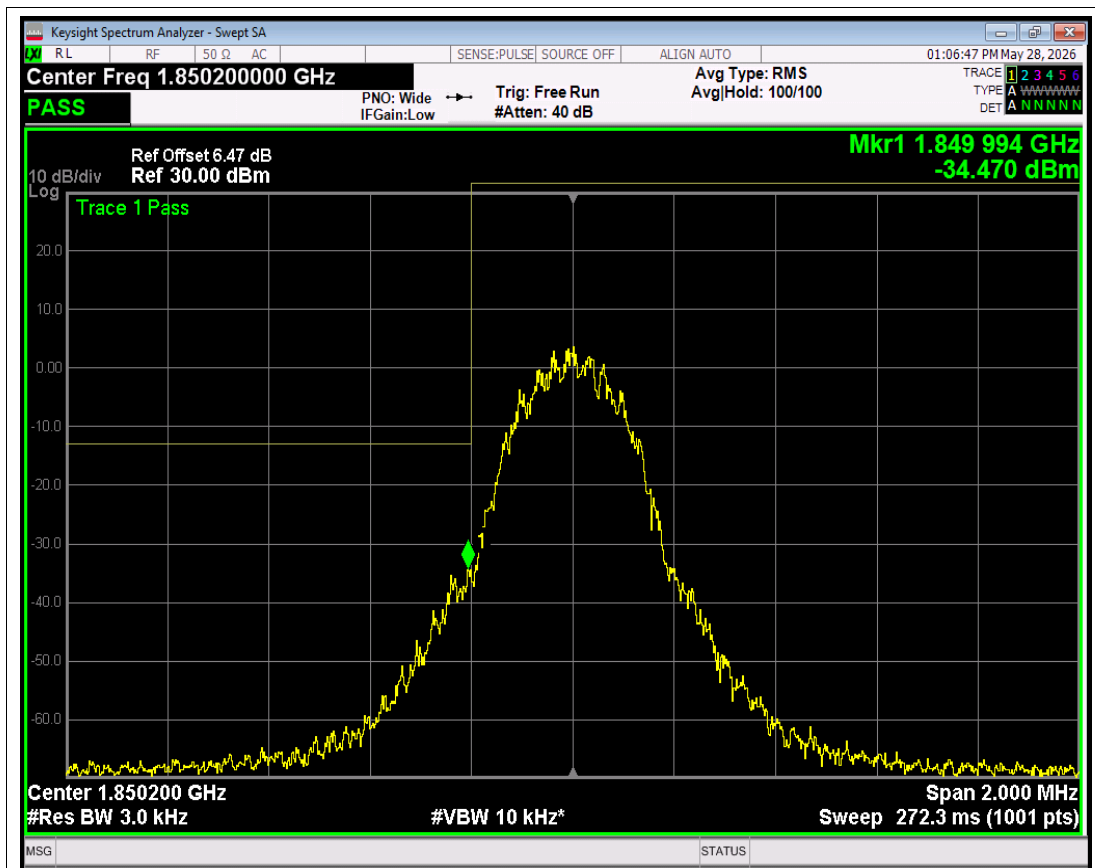
| <i>Condition</i> | <i>Band</i> | <i>Channel</i> | <i>Frequency<br/>(MHz)</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|------------------|-------------|----------------|----------------------------|--------------------------------|---------------------------------|------------------------|----------------|
| NVNT             | EGPRS850    | 128            | 824.2                      | 823.99                         | -35.25                          | -13                    | PASS           |
| NVNT             | EGPRS850    | 251            | 848.8                      | 849.00                         | -32.39                          | -13                    | PASS           |
| NVNT             | EGPRS1900   | 512            | 1850.2                     | 1849.99                        | -34.47                          | -13                    | PASS           |
| NVNT             | EGPRS1900   | 810            | 1909.8                     | 1910.00                        | -34.12                          | -13                    | PASS           |



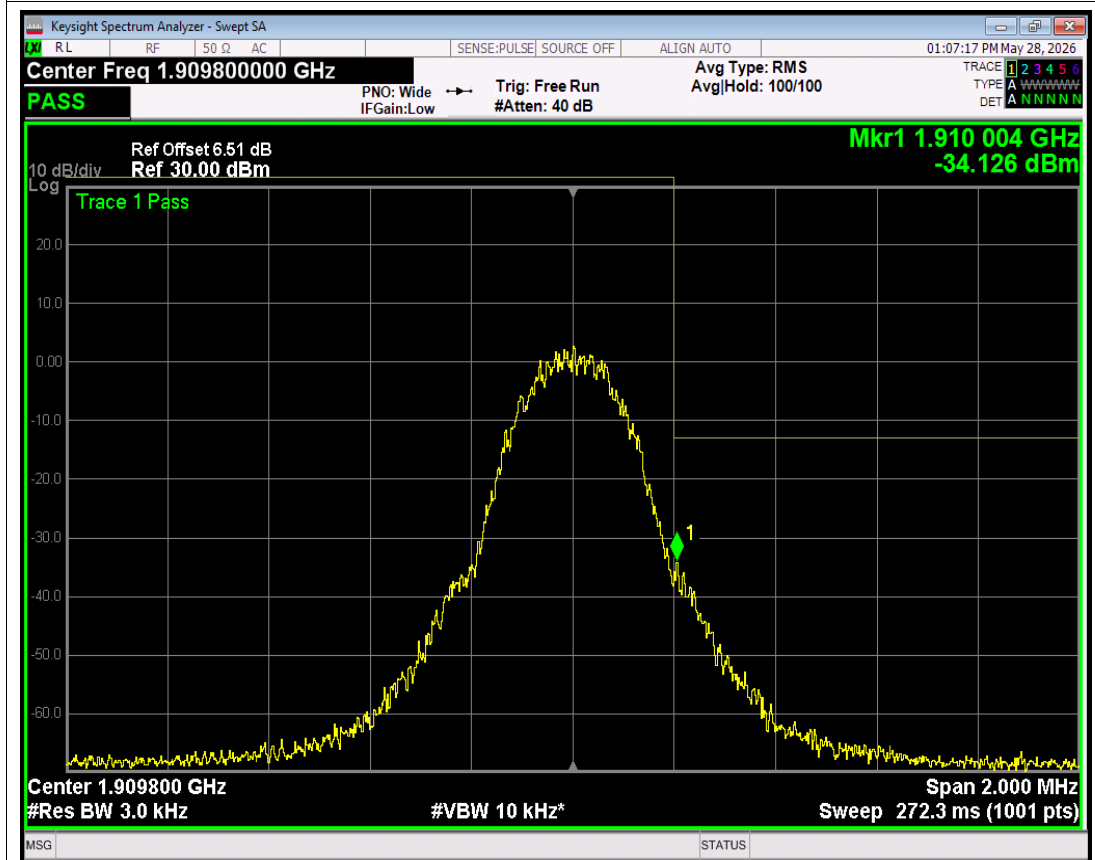
EGPRS850 Channel=128 NVNT



EGPRS850 Channel=251 NVNT



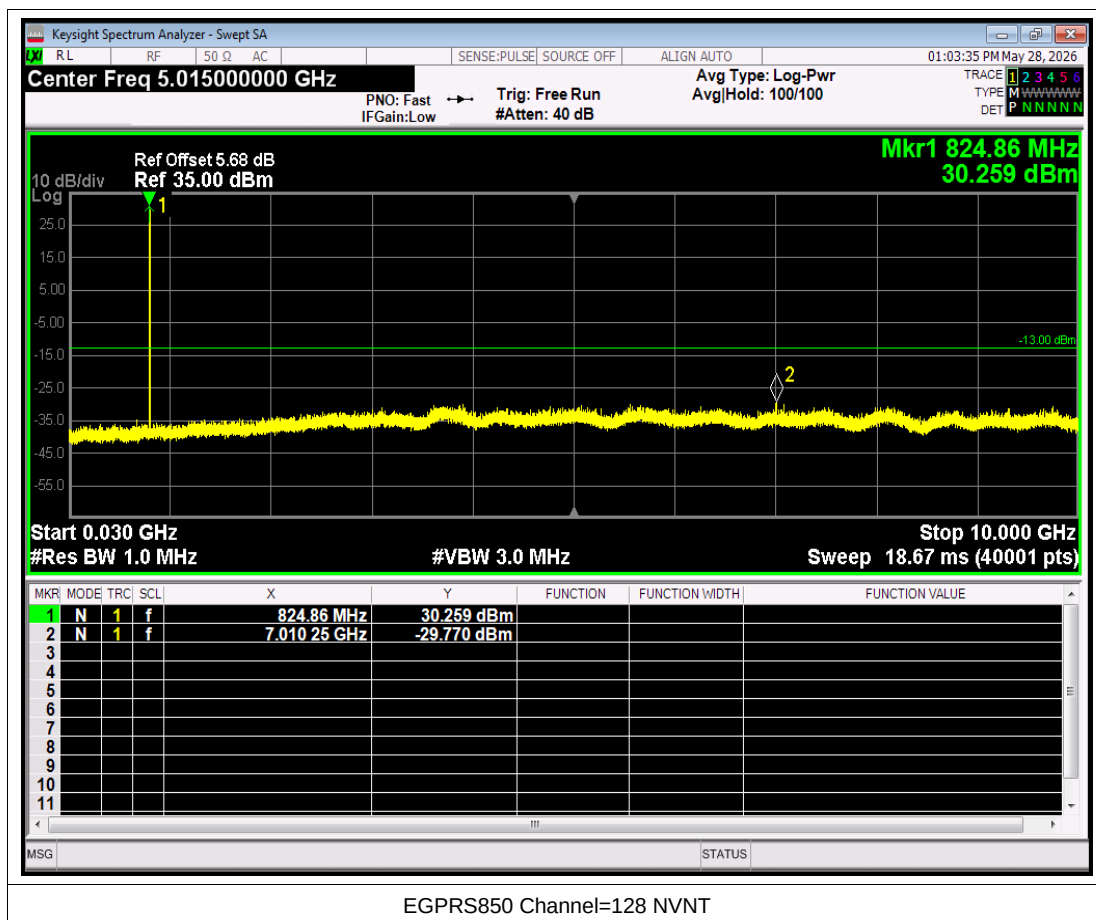
EGPRS1900 Channel=512 NVNT

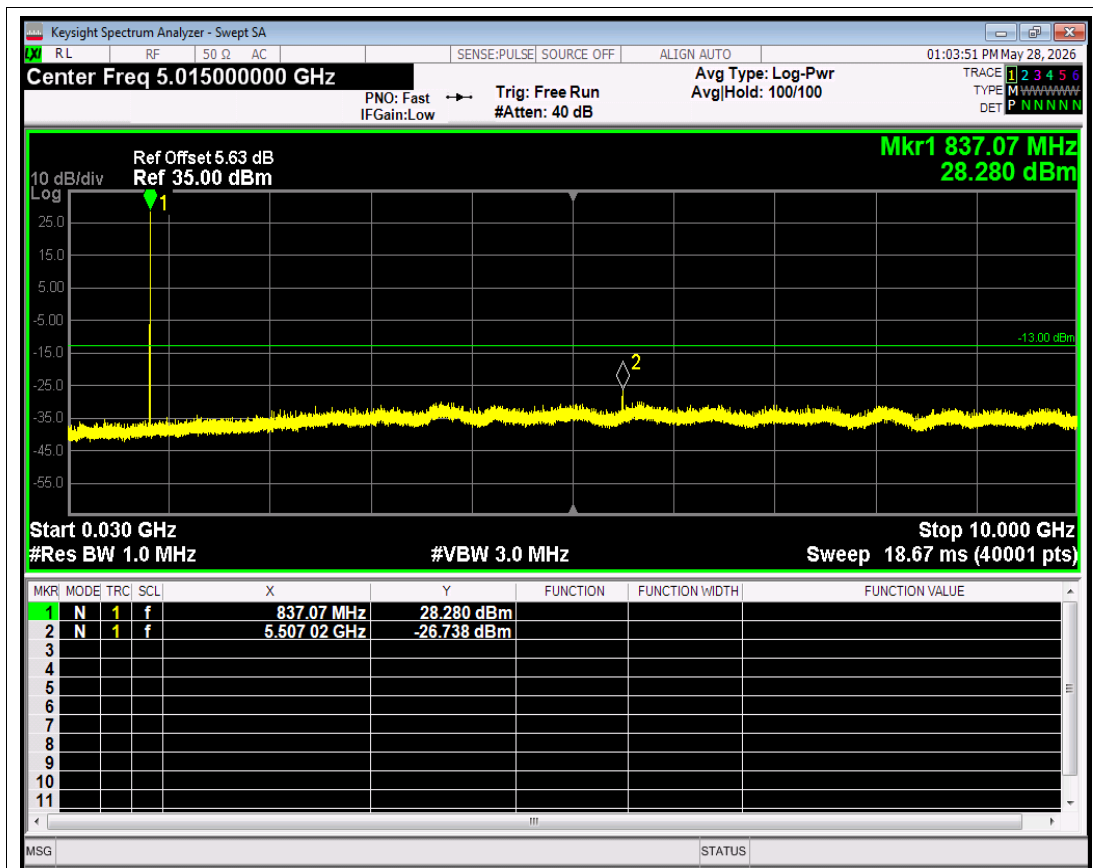


EGPRS1900 Channel=810 NVNT

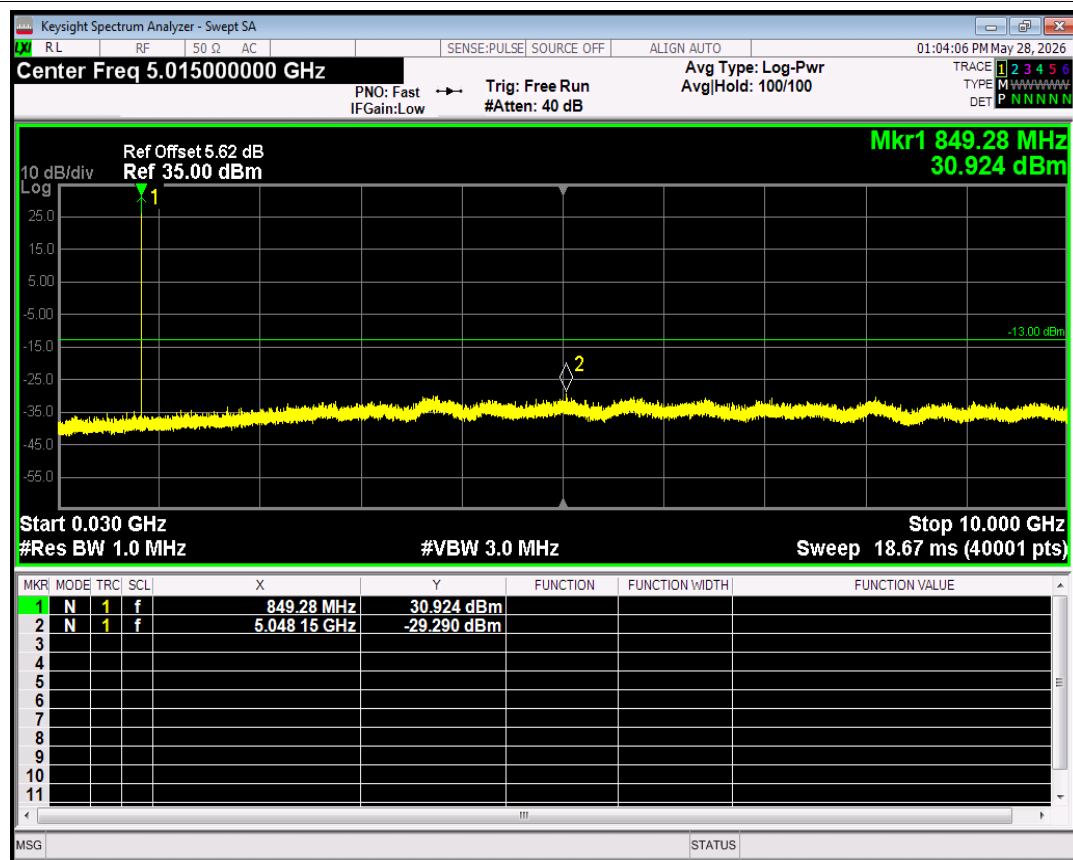
## Appendix 6.Out-of-band emissions

| Condition | Band      | Channel | Frequency<br>(MHz) | Spur<br>Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-----------|---------|--------------------|-----------------------|------------------------|----------------|---------|
| NVNT      | EGPRS850  | 128     | 824.2              | 7010.25               | -29.76                 | -13            | PASS    |
| NVNT      | EGPRS850  | 190     | 836.6              | 5507.02               | -26.73                 | -13            | PASS    |
| NVNT      | EGPRS850  | 251     | 848.8              | 5048.15               | -29.29                 | -13            | PASS    |
| NVNT      | EGPRS1900 | 512     | 1850.2             | 19001.50              | -23.72                 | -13            | PASS    |
| NVNT      | EGPRS1900 | 661     | 1880               | 18091.37              | -24.01                 | -13            | PASS    |
| NVNT      | EGPRS1900 | 810     | 1909.8             | 18999.00              | -24.11                 | -13            | PASS    |

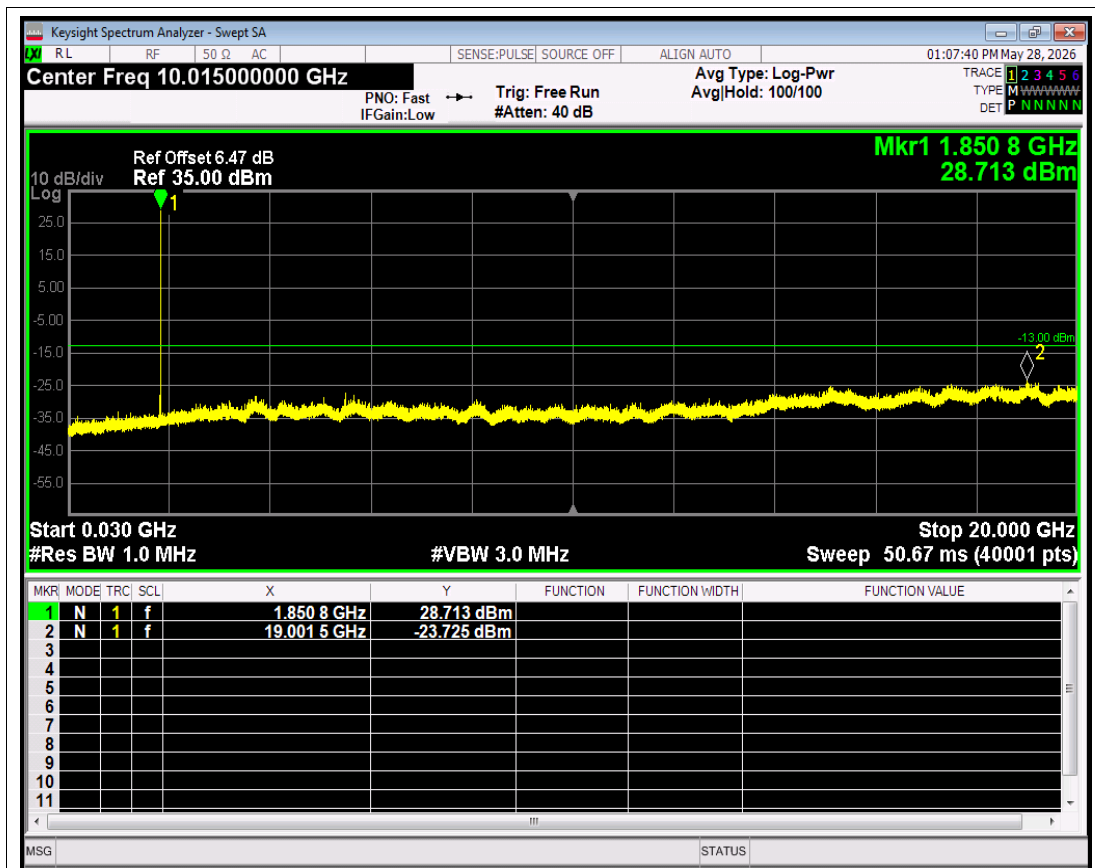




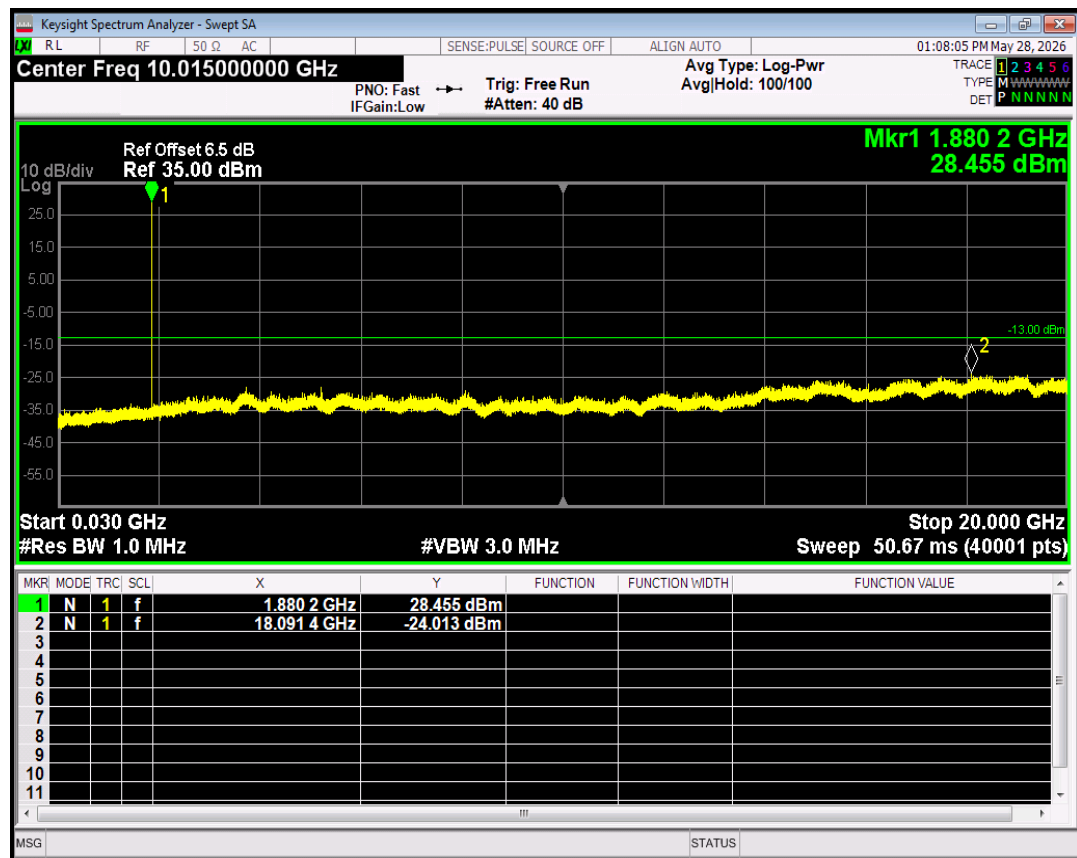
EGPRS850 Channel=190 NVNT



EGPRS850 Channel=251 NVNT



EGPRS1900 Channel=512 NVNT



EGPRS1900 Channel=661 NVNT

