

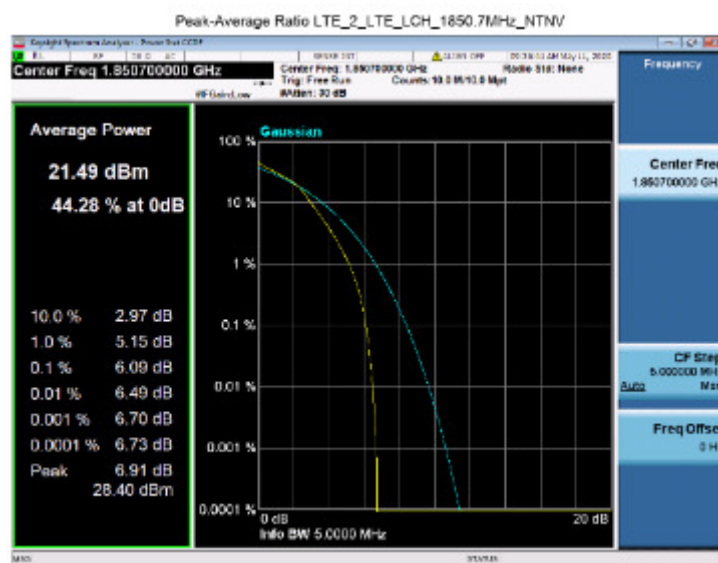
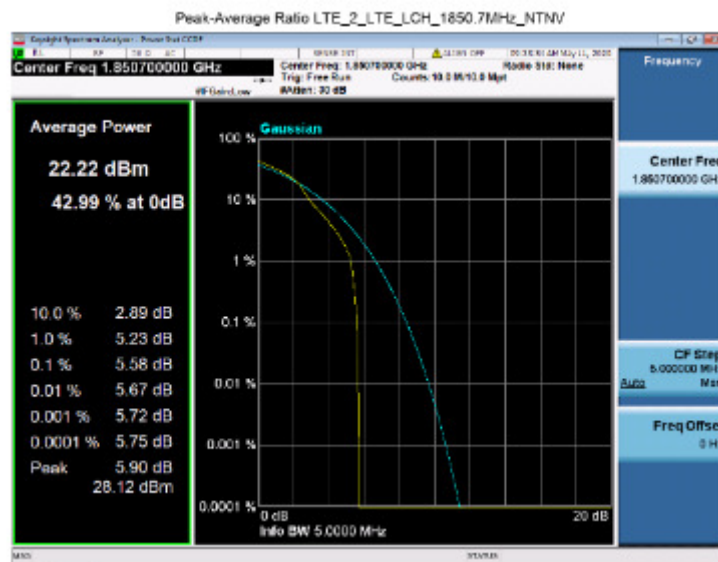
# Appendix C

Peak-Average Ratio  
for SZEM1908017790CR

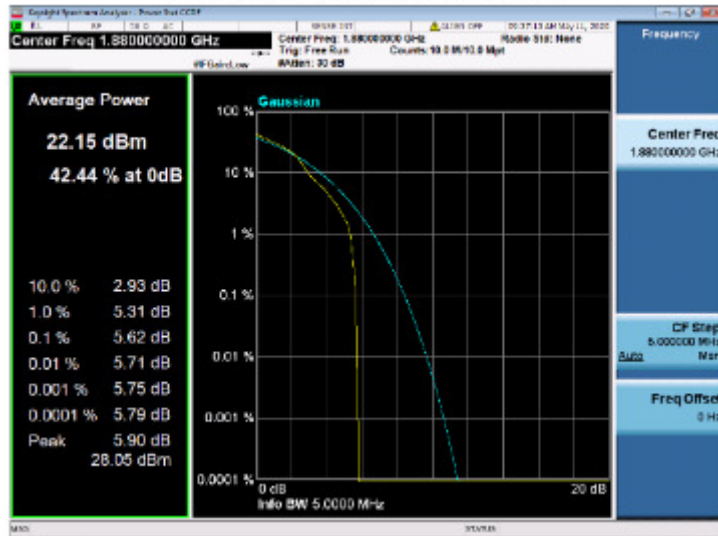
## Appendix C -Peak-Average Ratio

| Test Band: 2 _ 1.4MHz Bandwidth |               |        |                  |      |      |            |         |
|---------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                       | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                                 | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                           | 1             | 0      | 5.58             | 5.62 | 5.28 | 13         | PASS    |
|                                 | 6             | 0      | 6.09             | 6.17 | 6.00 | 13         | PASS    |
| QPSK                            | 1             |        | 4.72             | 4.71 | 4.34 | 13         | PASS    |
|                                 | 6             | 0      | 5.23             | 5.32 | 5.06 | 13         | PASS    |

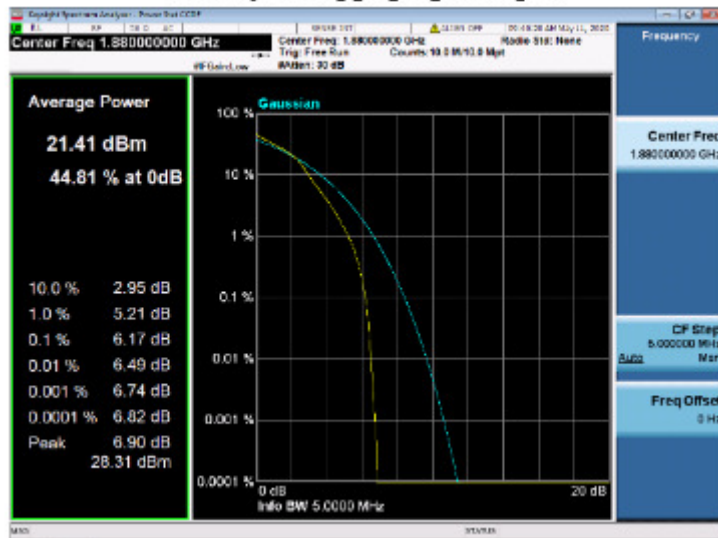
### 5.2 Test Graph



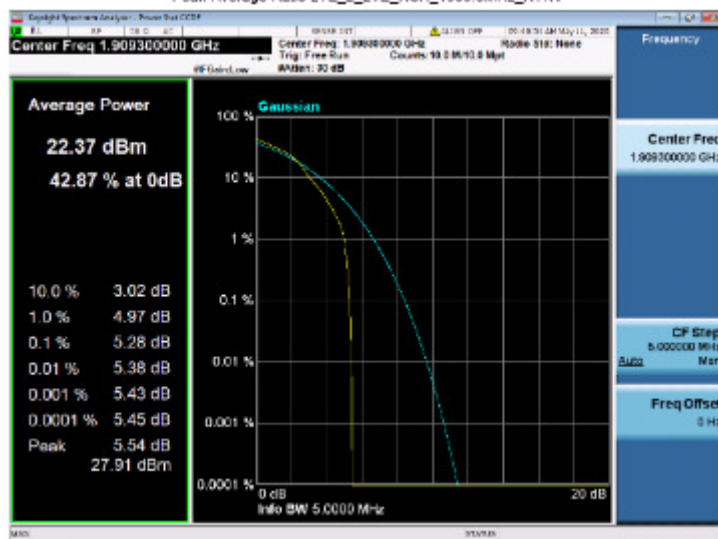
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



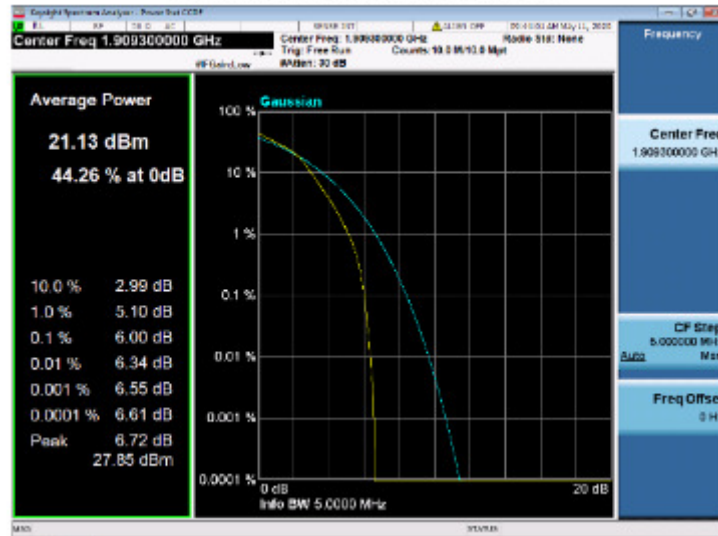
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



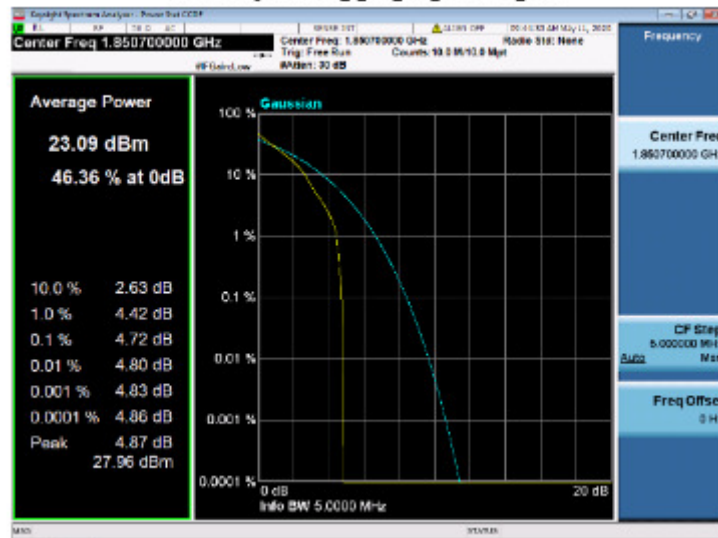
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1908.3MHz\_NTNV



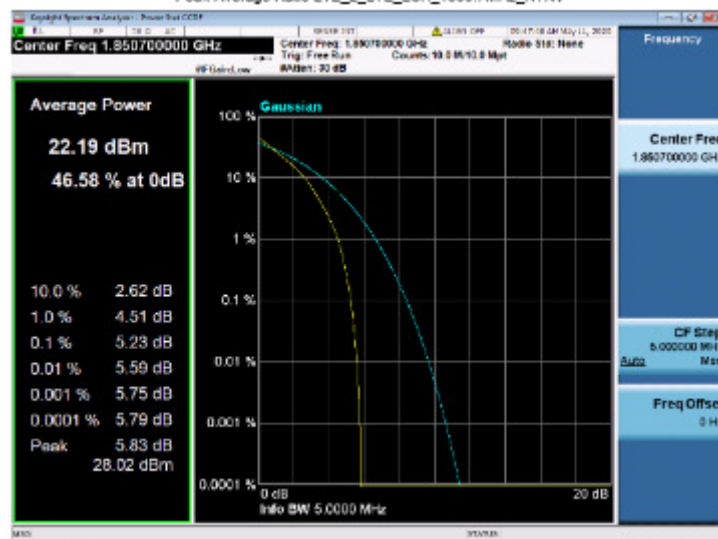
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1908.3MHz\_NTNV



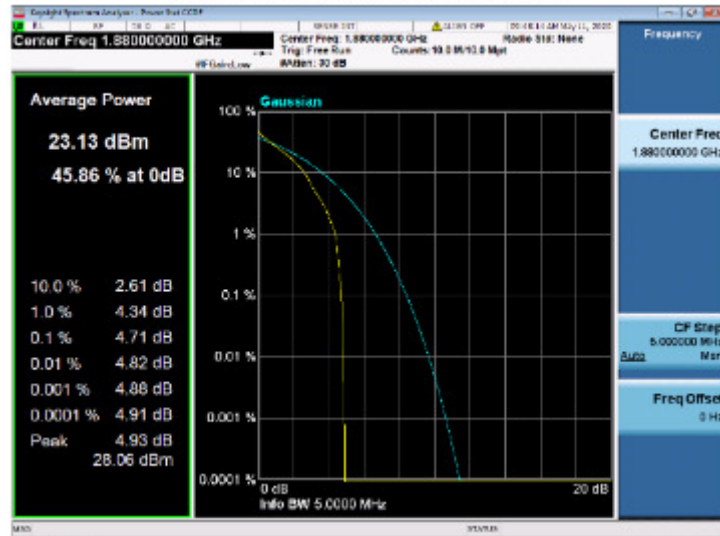
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1850.7MHz\_NTNV



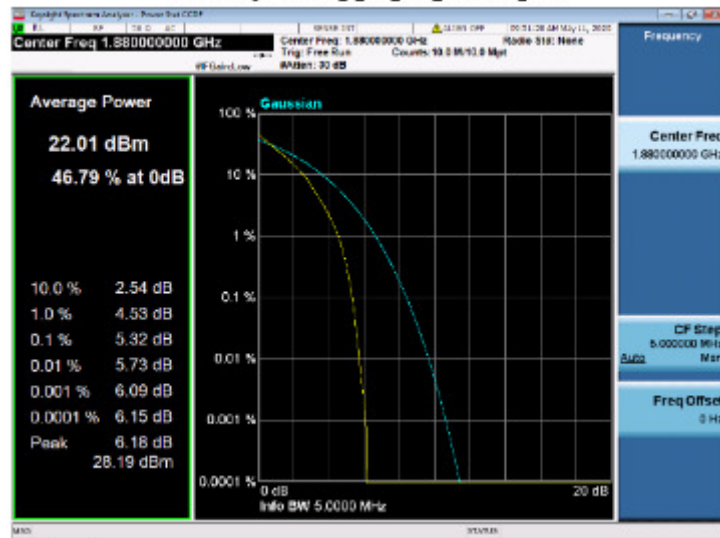
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1850.7MHz\_NTNV



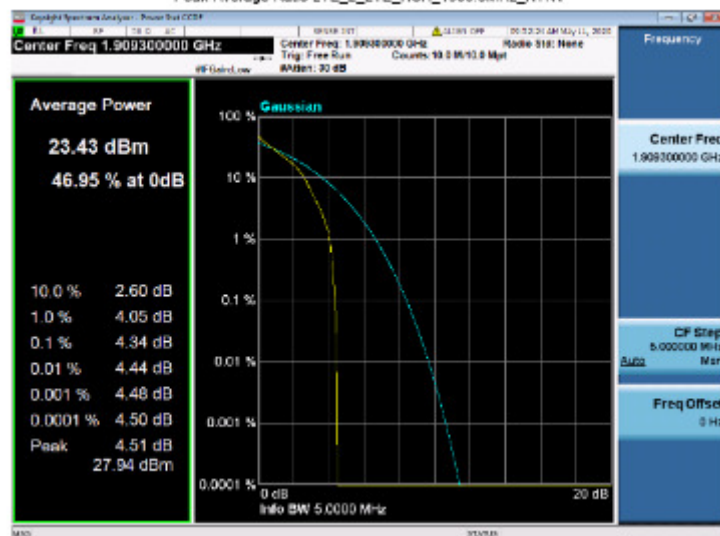
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



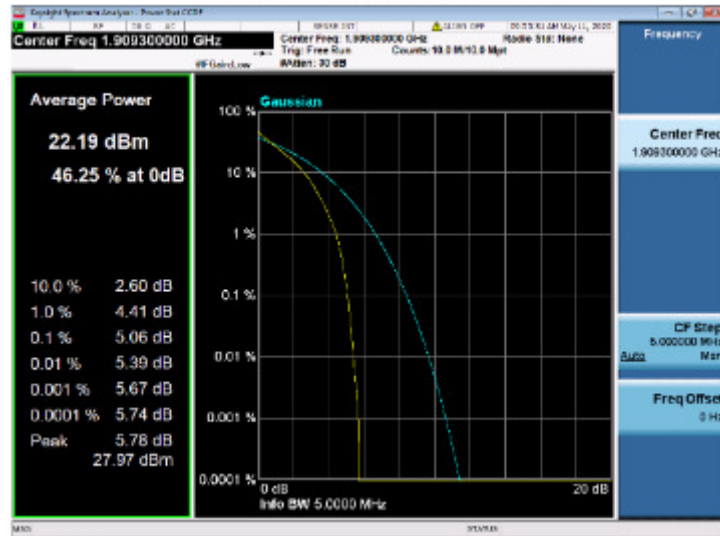
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_MCH\_1908.3MHz\_NTNV

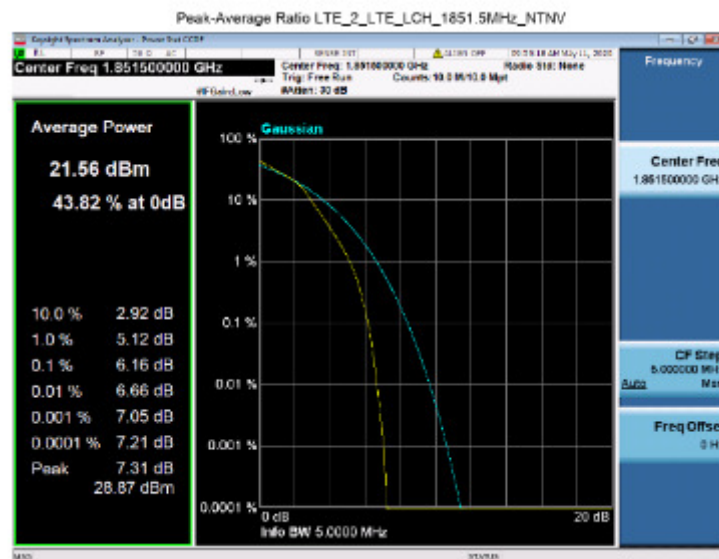
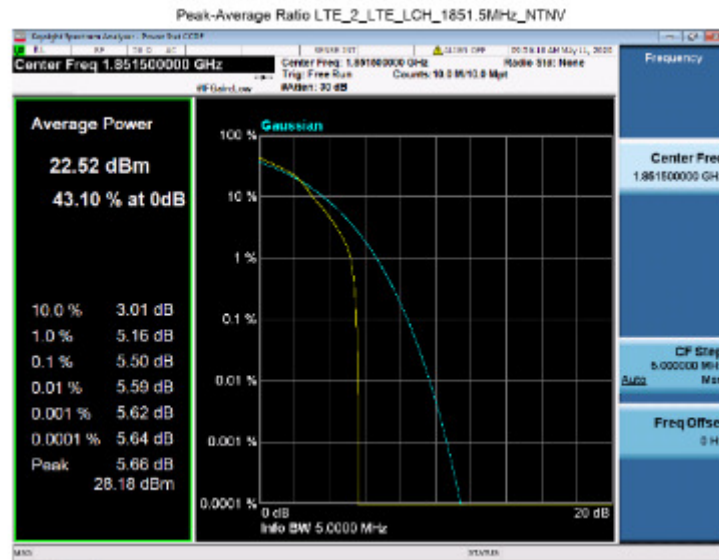


# Peak-Average Ratio LTE\_2\_LTE\_HCH\_1908.3MHz\_NTNV

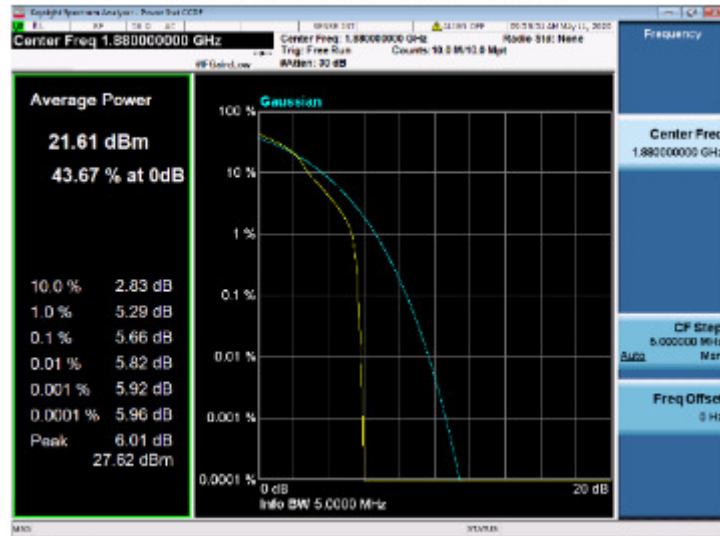


| Test Band: 2 _ 3MHz Bandwidth |               |        |                  |      |      |            |         |
|-------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                     | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                               | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                         | 1             | 0      | 5.50             | 5.66 | 5.33 | 13         | PASS    |
|                               | 15            | 0      | 6.16             | 6.17 | 6.16 | 13         | PASS    |
| QPSK                          | 1             |        | 4.69             | 4.80 | 4.52 | 13         | PASS    |
|                               | 15            | 0      | 5.33             | 5.32 | 5.20 | 13         | PASS    |

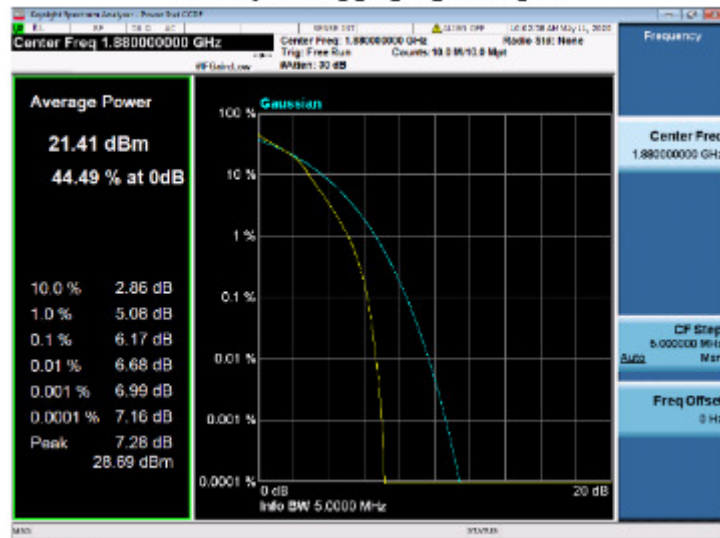
## 5.2 Test Graph



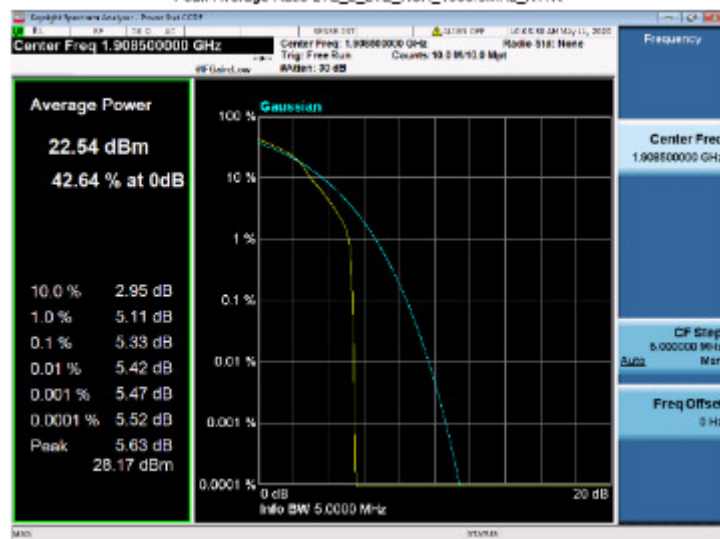
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



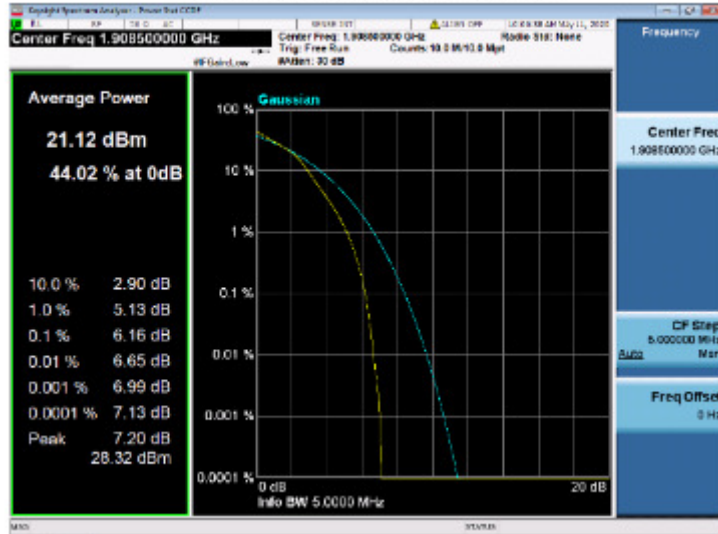
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



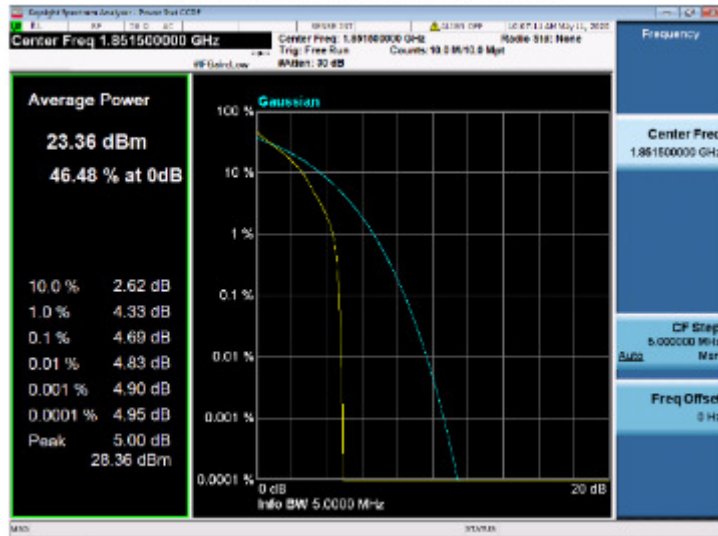
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1908.5MHz\_NTNV



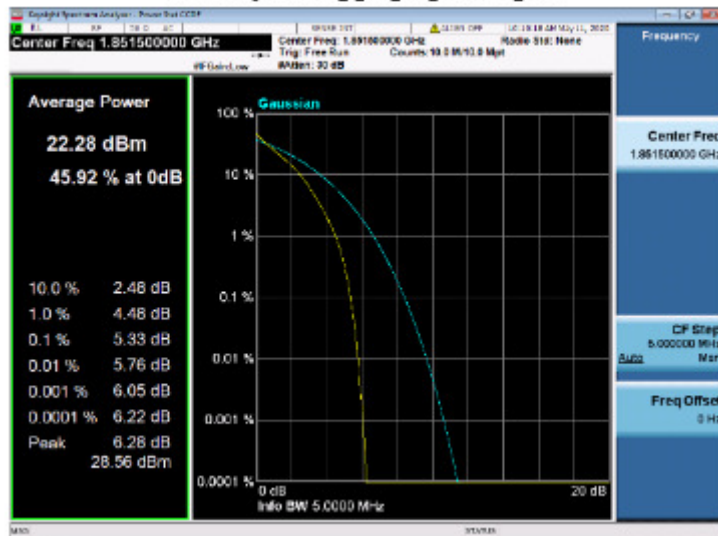
Peak-Average Ratio LTE\_2\_LTE\_HCH\_1908.5MHz\_NTNV



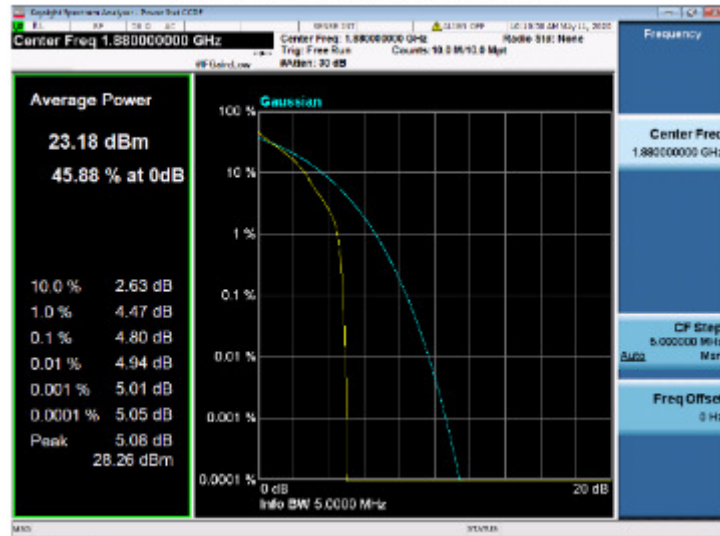
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1851.5MHz\_NTNV



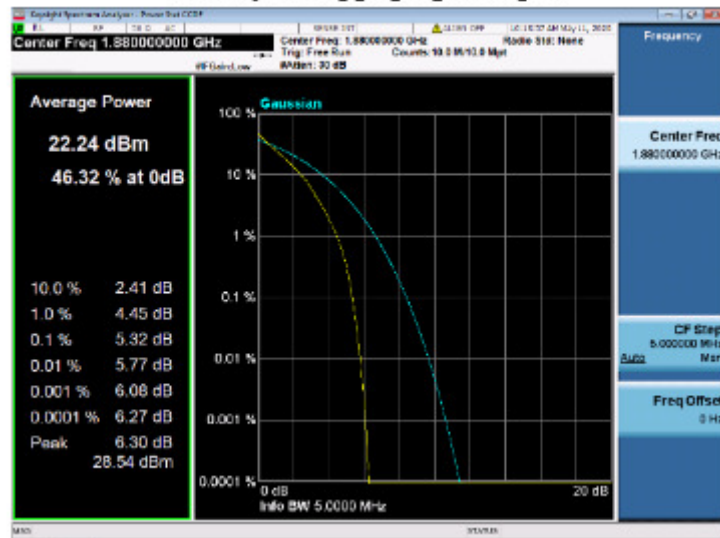
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1851.5MHz\_NTNV



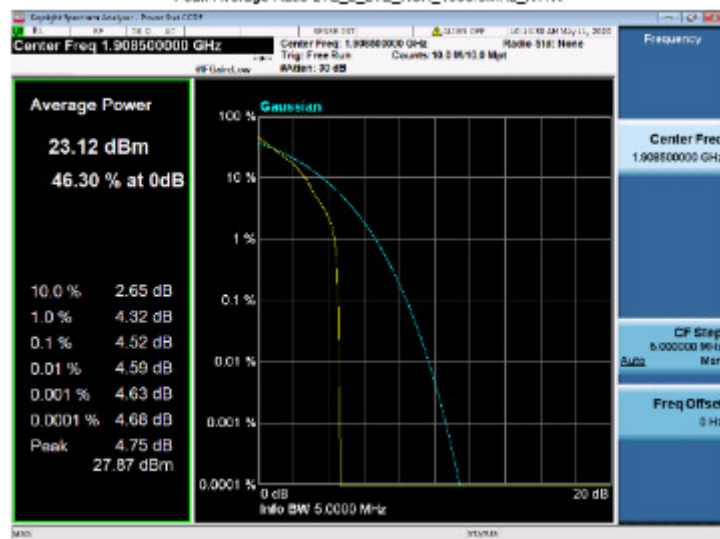
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



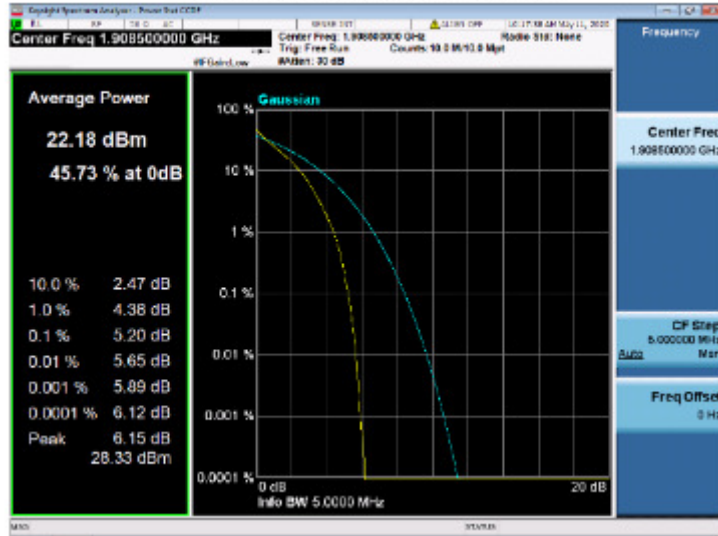
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_MCH\_1908.5MHz\_NTNV

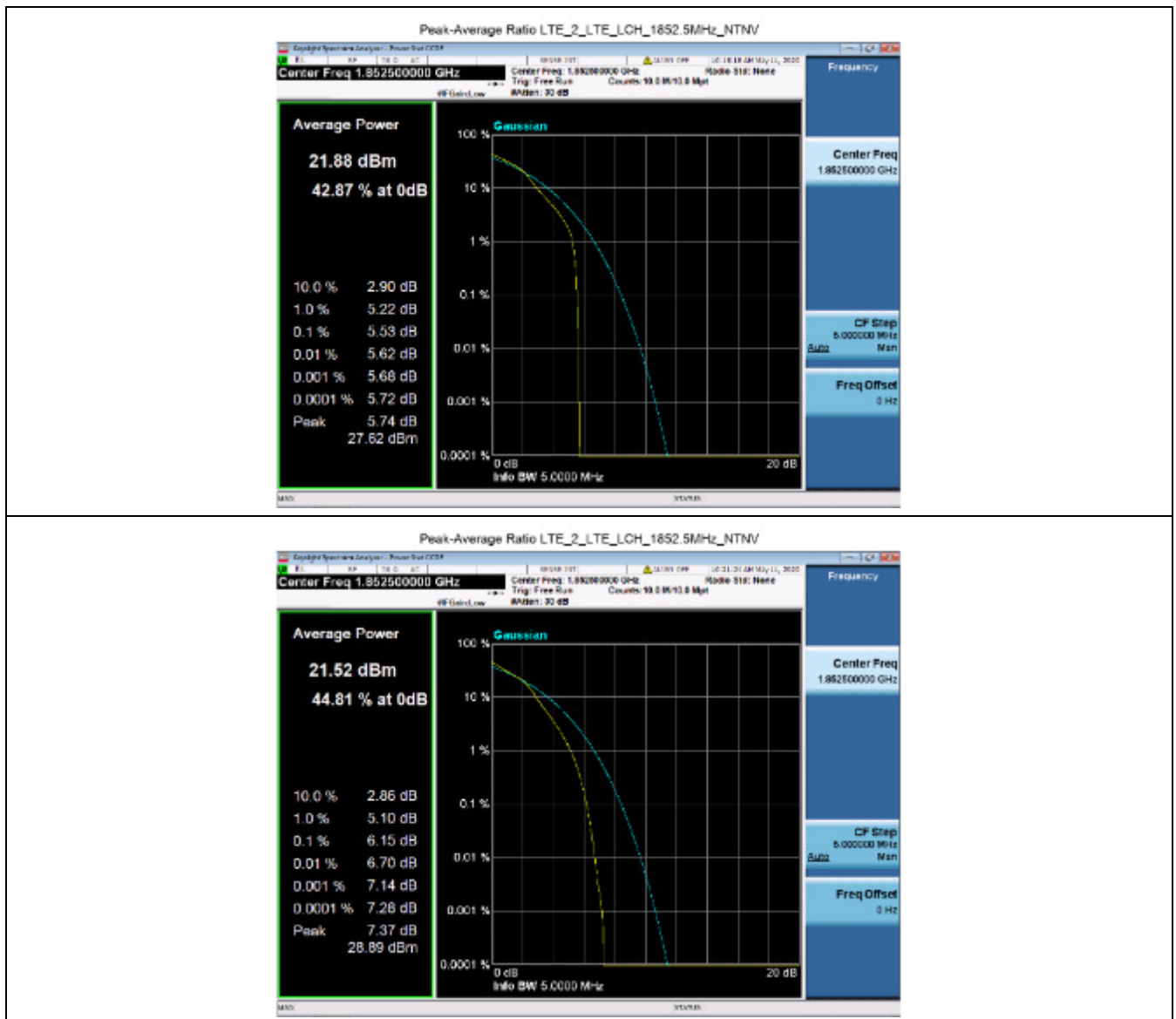


# Peak-Average Ratio LTE\_2\_LTE\_HCH\_1908.5MHz\_NTNV

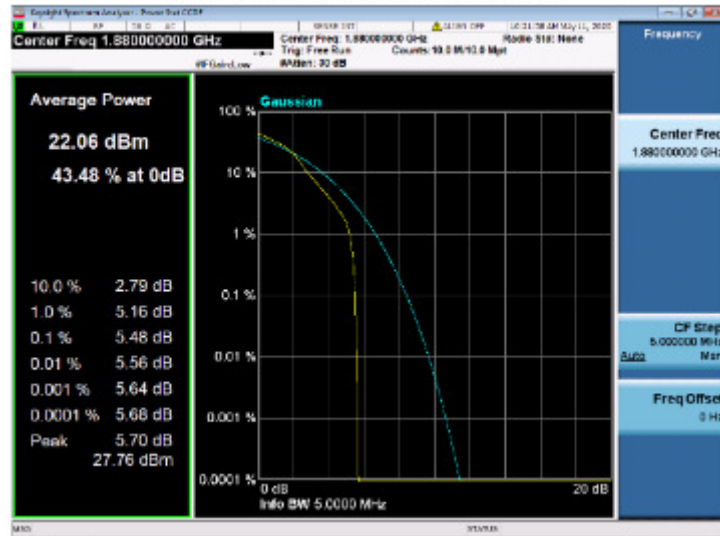


| Test Band: 2 _ 5MHz Bandwidth |               |        |                  |      |      |            |         |
|-------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                     | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                               | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                         | 1             | 0      | 5.53             | 5.48 | 5.53 | 13         | PASS    |
|                               | 25            | 0      | 6.15             | 6.13 | 6.03 | 13         | PASS    |
| QPSK                          | 1             |        | 4.69             | 4.74 | 4.62 | 13         | PASS    |
|                               | 25            | 0      | 5.30             | 5.29 | 5.23 | 13         | PASS    |

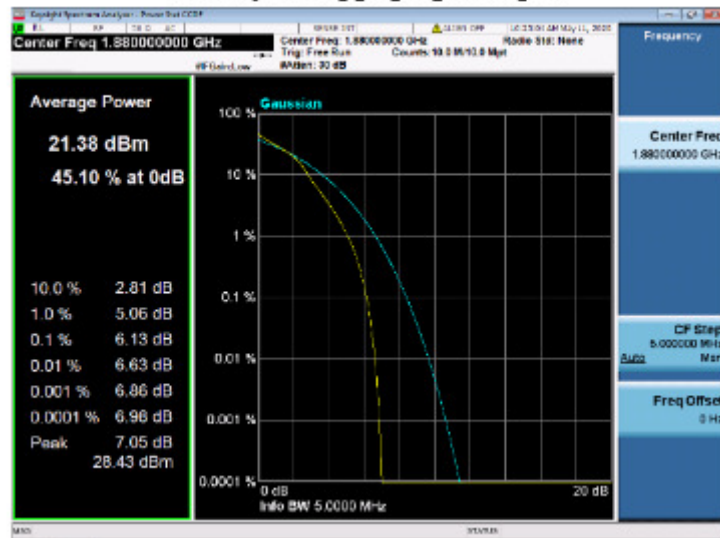
## 5.2 Test Graph



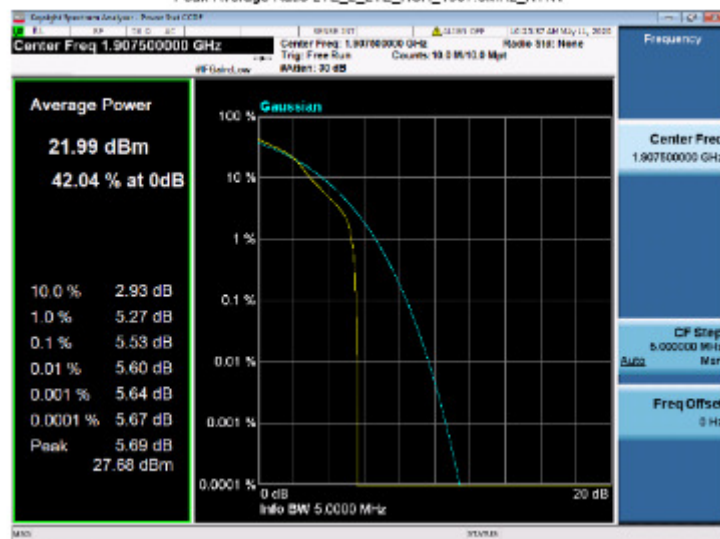
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



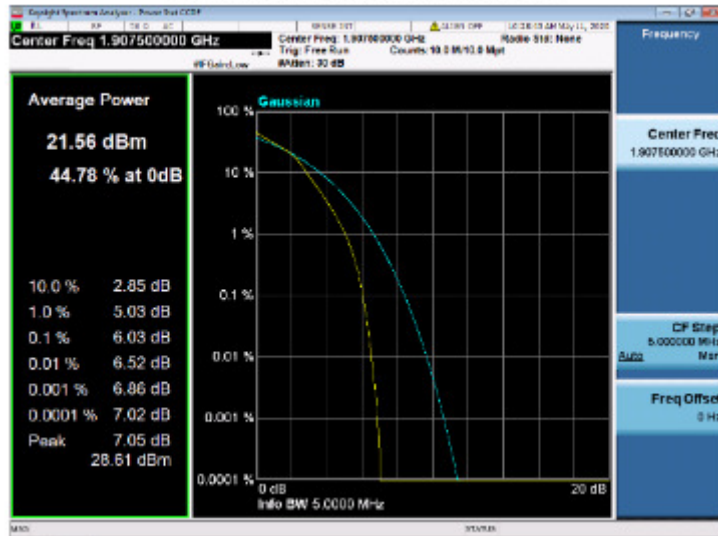
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



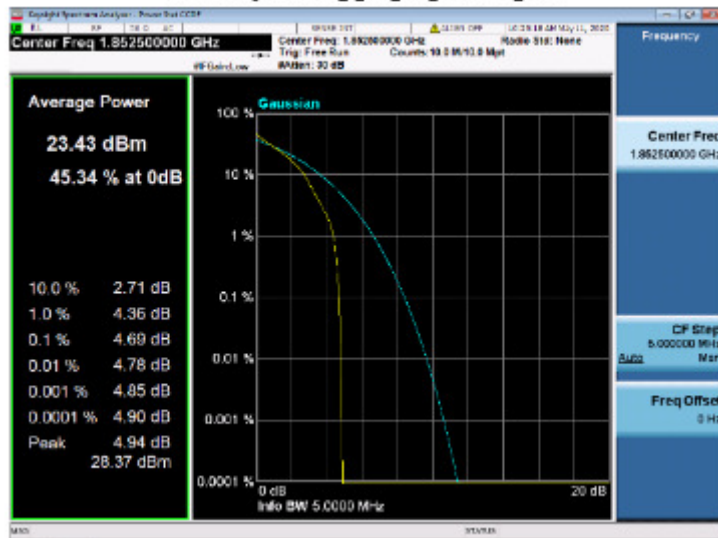
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1907.5MHz\_NTNV



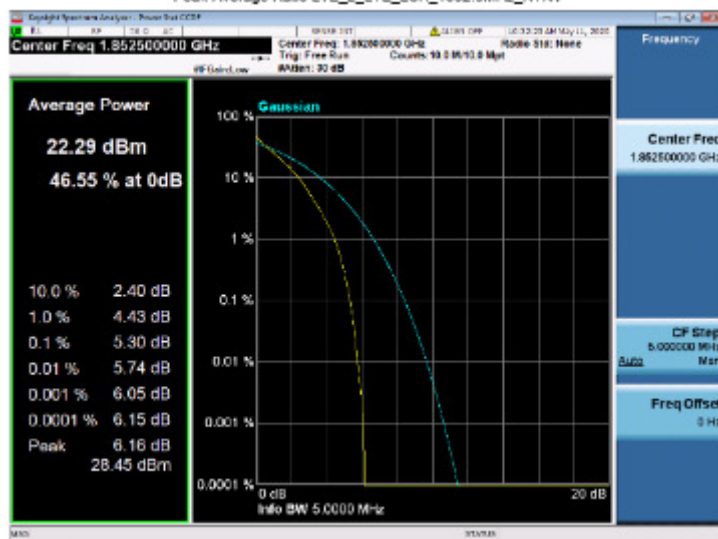
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1907.5MHz\_NTNV



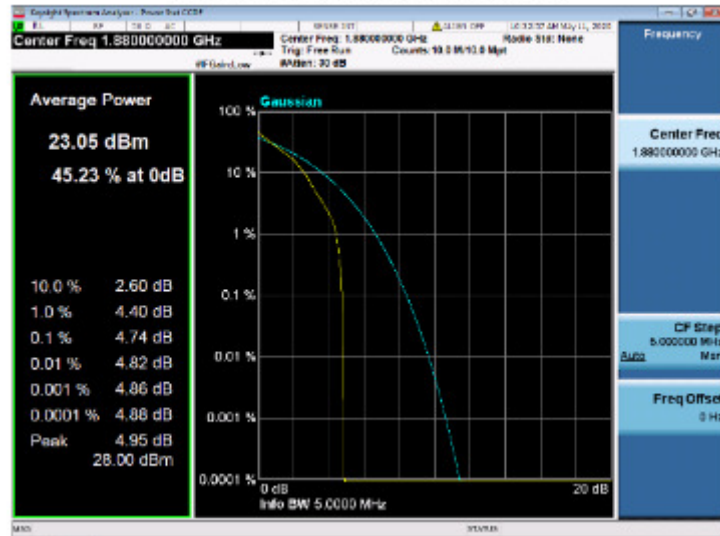
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1852.5MHz\_NTNV



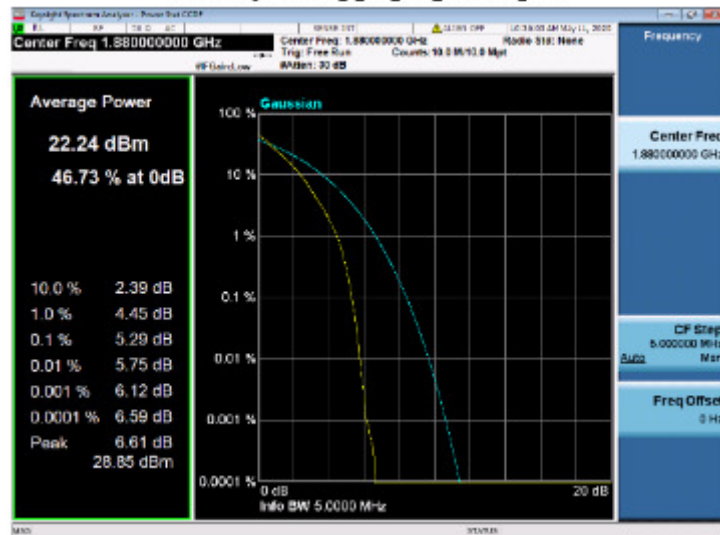
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1852.5MHz\_NTNV



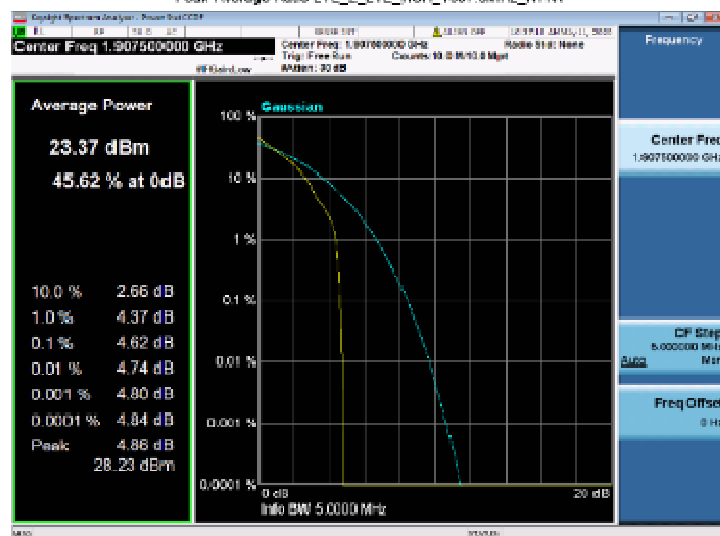
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NT NV



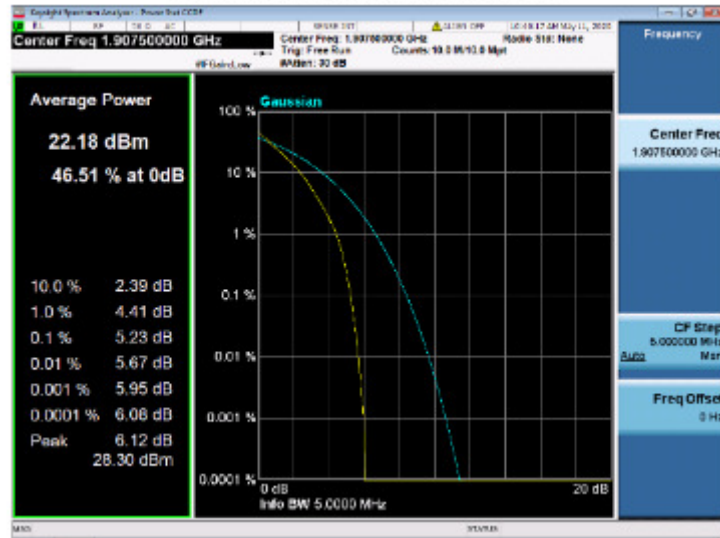
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NT NV



Peak-Average Ratio LTE\_2\_LTE\_MCH\_1907.5MHz\_NT NV

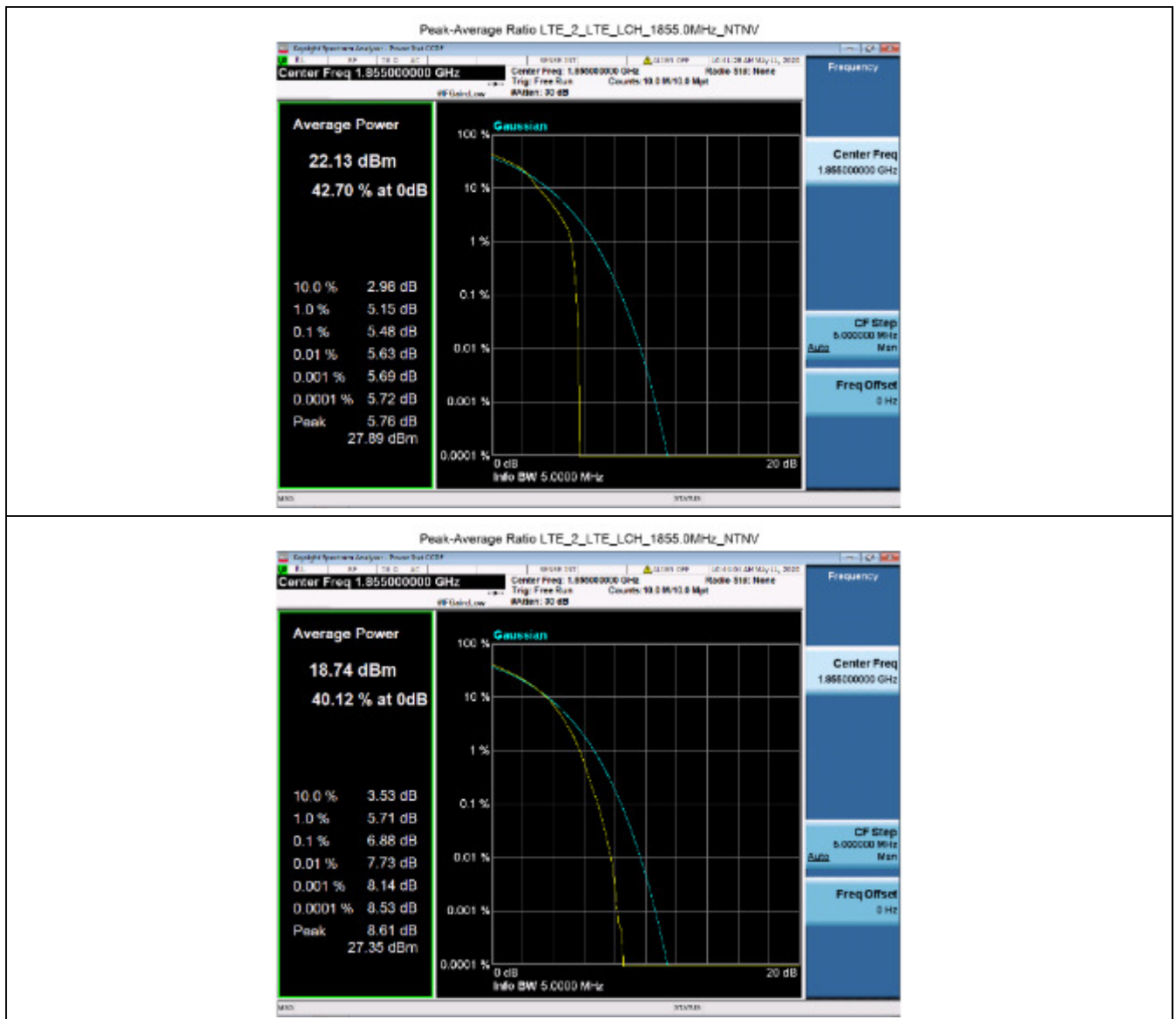


# Peak-Average Ratio LTE\_2\_LTE\_HCH\_1907.5MHz\_NTNV

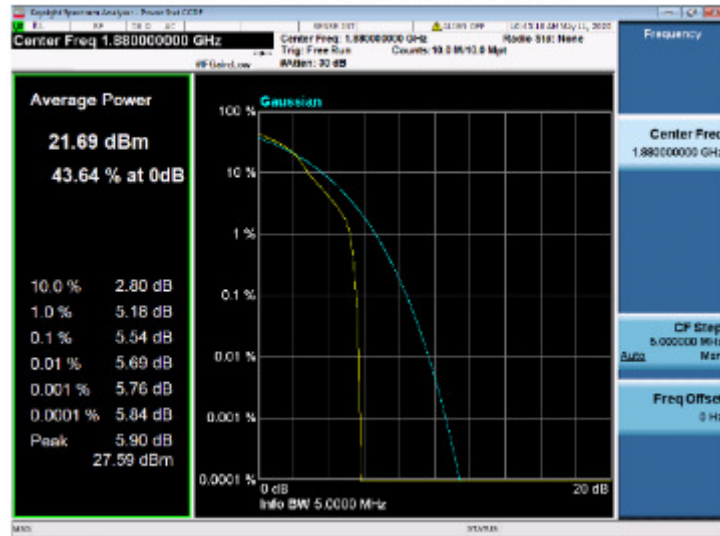


| Test Band: 2 _ 10MHz Bandwidth |               |        |                  |      |      |            |         |
|--------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                      | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                                | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                          | 1             | 0      | 5.48             | 5.54 | 5.24 | 13         | PASS    |
|                                | 50            | 0      | 6.88             | 6.74 | 6.86 | 13         | PASS    |
| QPSK                           | 1             |        | 5.91             | 4.58 | 4.39 | 13         | PASS    |
|                                | 50            | 0      | 6.07             | 6.05 | 6.14 | 13         | PASS    |

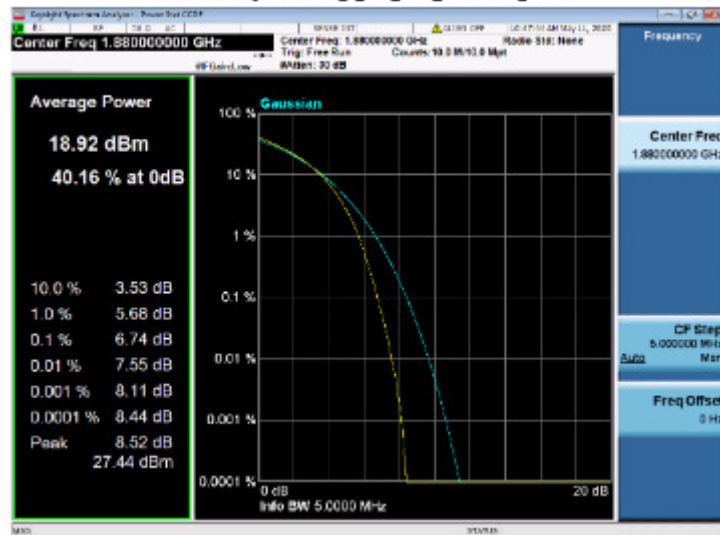
## 5.2 Test Graph



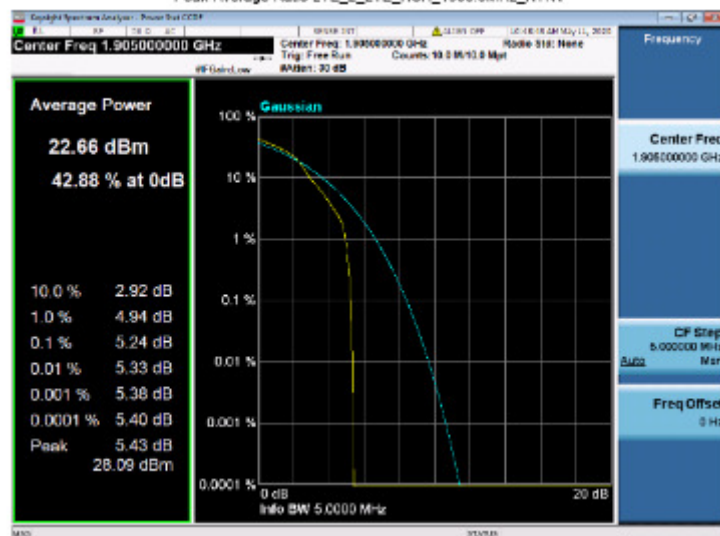
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



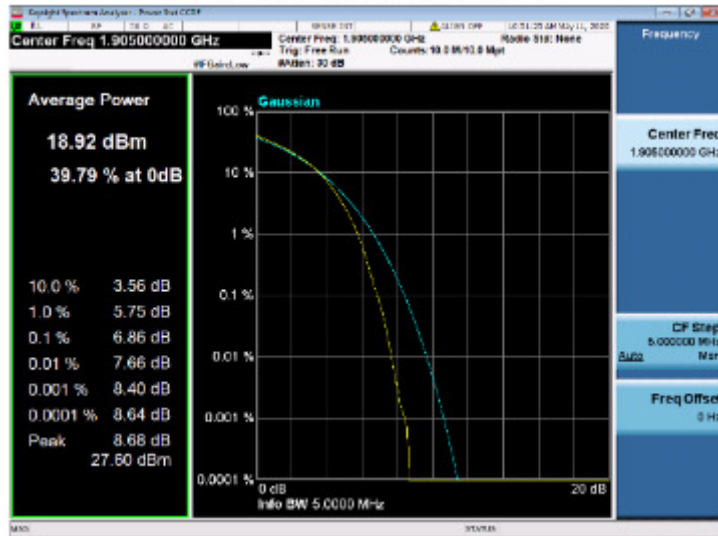
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



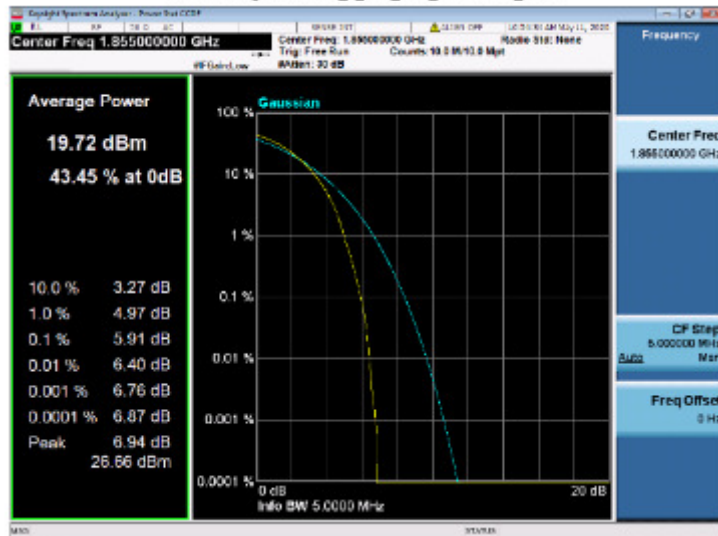
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1905.0MHz\_NTNV



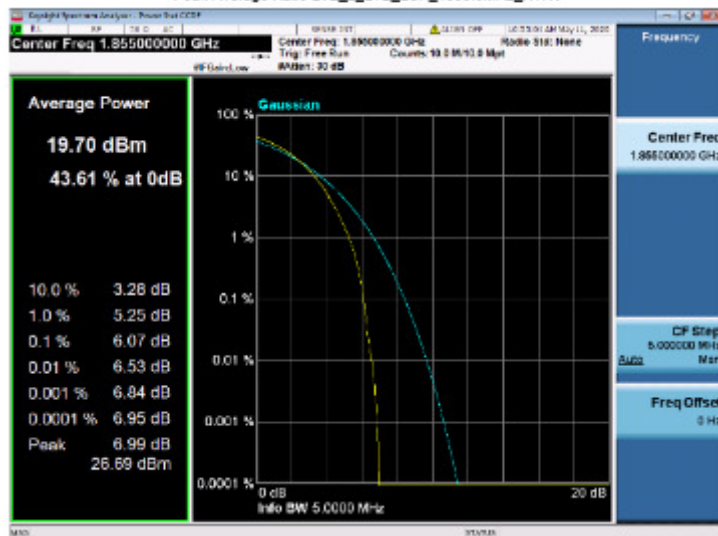
Peak-Average Ratio LTE\_2\_LTE\_HCH\_1905.0MHz\_NTNV



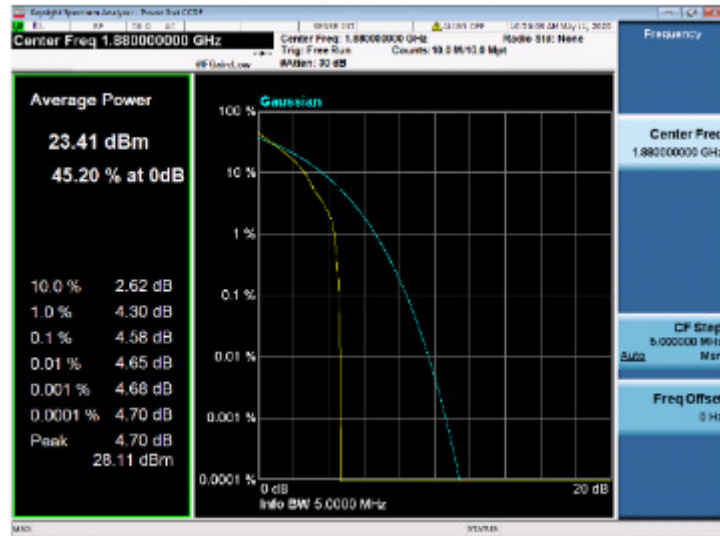
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1855.0MHz\_NTNV



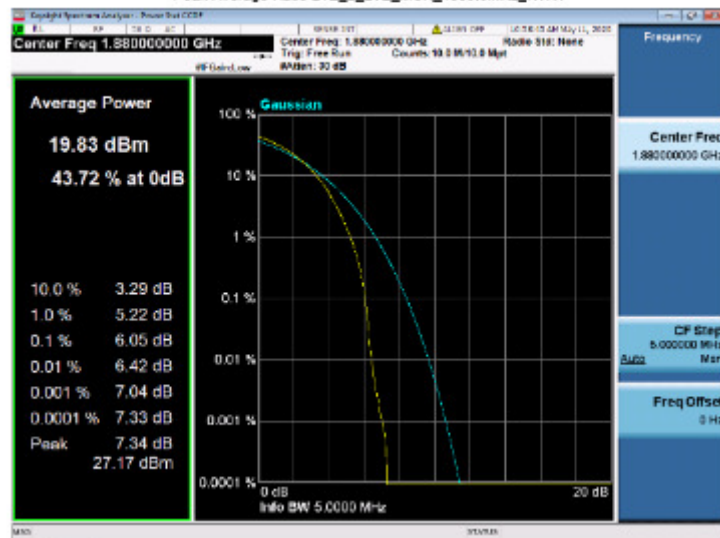
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1855.0MHz\_NTNV



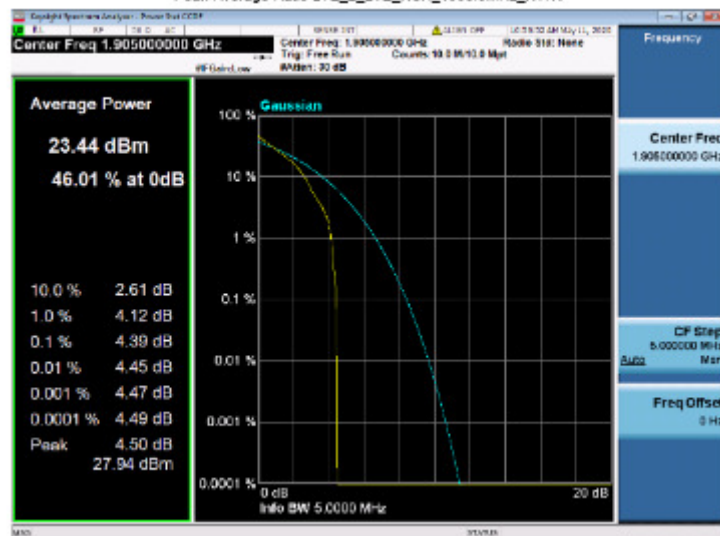
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV

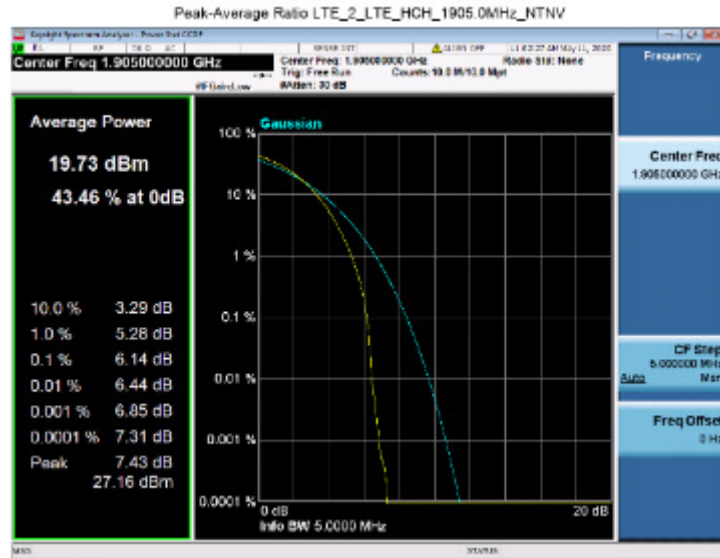


Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_MCH\_1905.0MHz\_NTNV

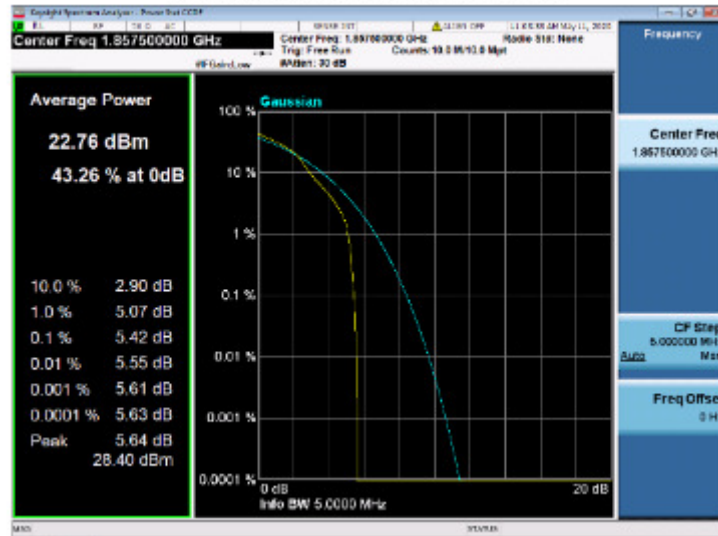




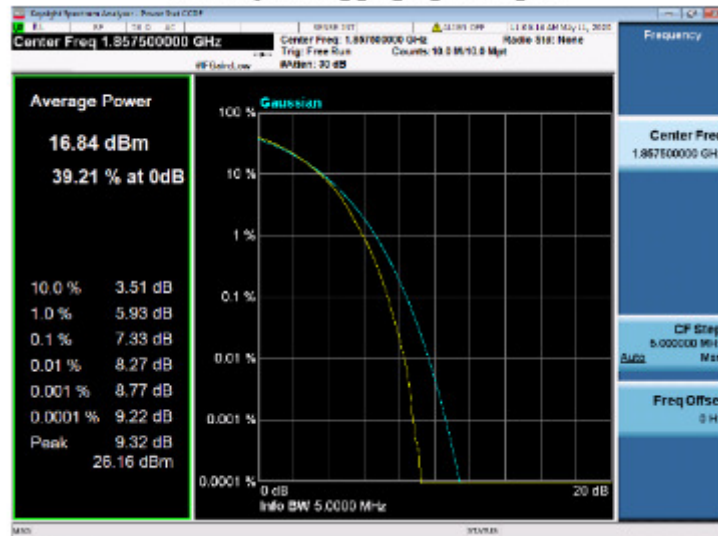
| Test Band: 2 _ 15MHz Bandwidth |               |        |                  |      |      |            |         |
|--------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                      | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                                | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                          | 1             | 0      | 5.42             | 5.47 | 5.15 | 13         | PASS    |
|                                | 75            | 0      | 7.33             | 7.27 | 7.32 | 13         | PASS    |
| QPSK                           | 1             |        | 4.63             | 4.61 | 4.41 | 13         | PASS    |
|                                | 75            | 0      | 6.61             | 6.66 | 6.70 | 13         | PASS    |

## 5.2 Test Graph

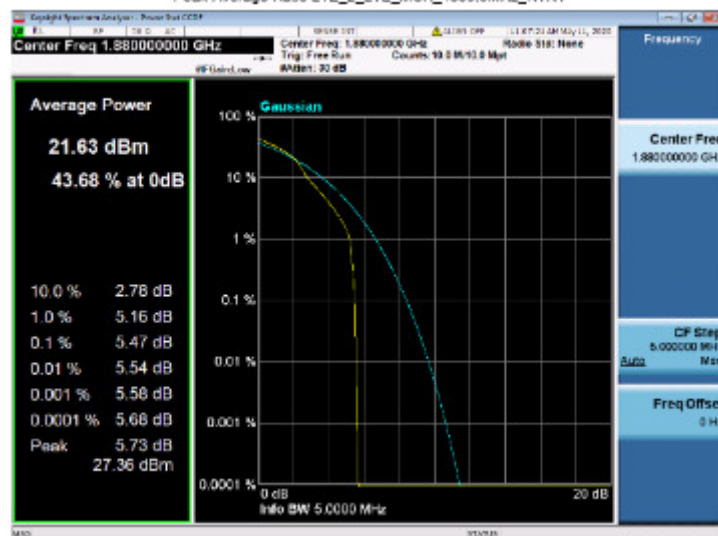
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1857.5MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_LCH\_1857.5MHz\_NTNV

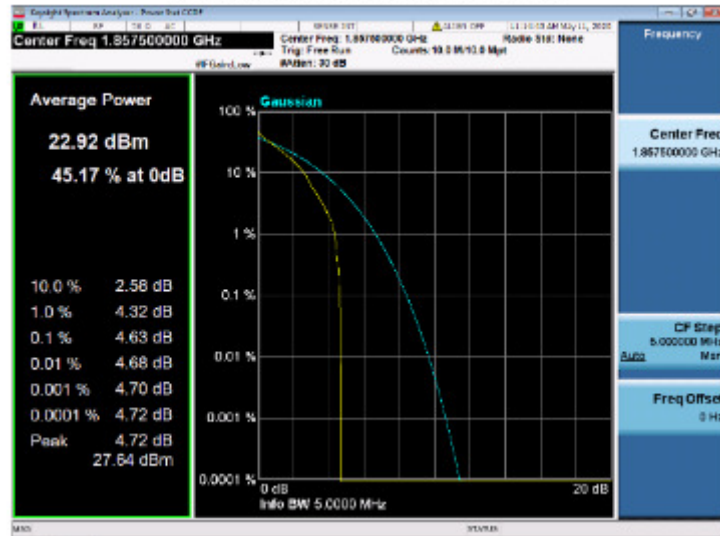


Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV

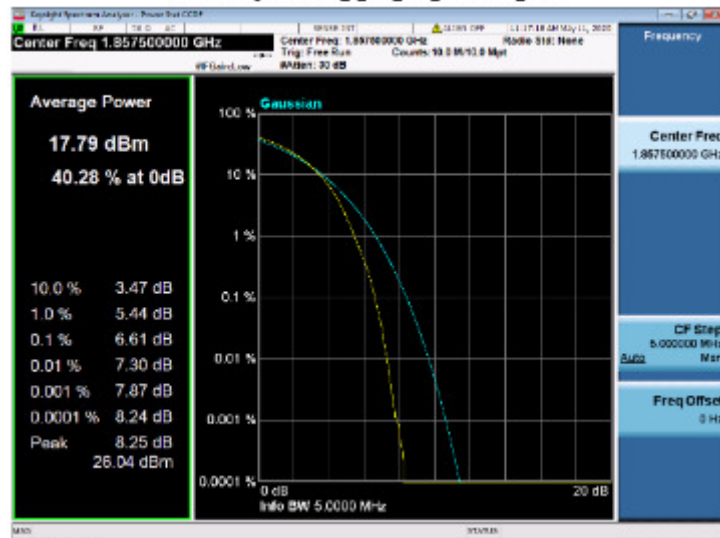




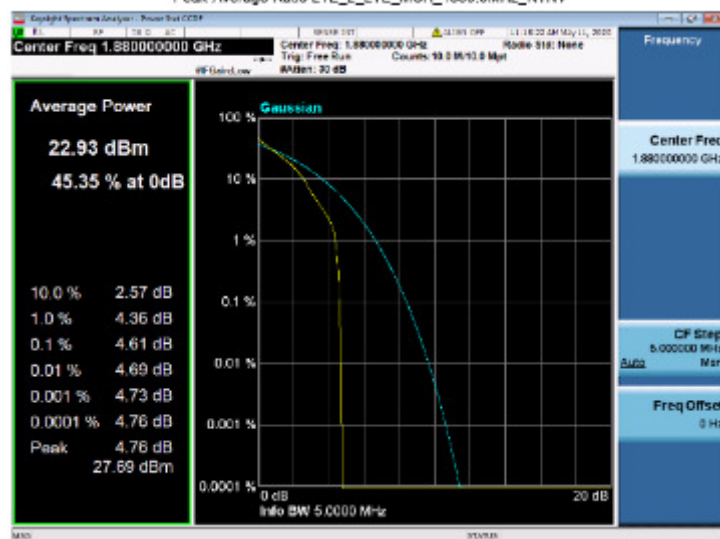
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1857.5MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_LCH\_1857.5MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV

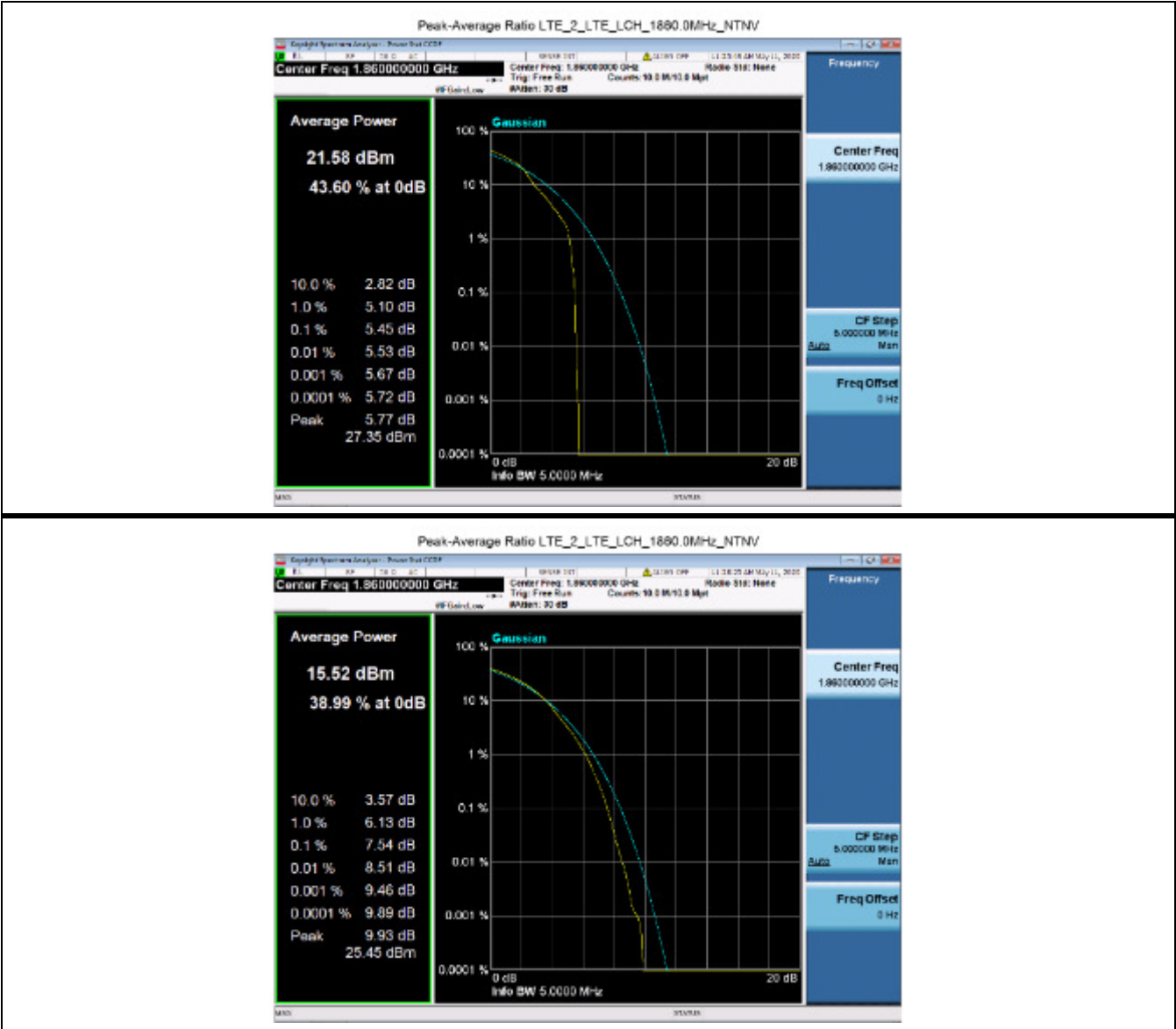




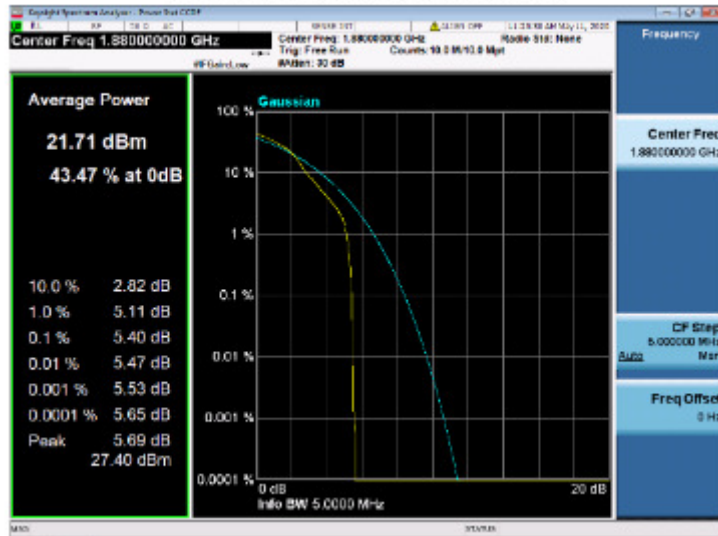


| Test Band: 2 _ 20MHz Bandwidth |               |        |                  |      |      |            |         |
|--------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                      | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                                | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                          | 1             | 0      | 5.45             | 5.40 | 5.23 | 13         | PASS    |
|                                | 100           | 0      | 7.54             | 7.46 | 7.57 | 13         | PASS    |
| QPSK                           | 1             |        | 4.59             | 4.60 | 4.47 | 13         | PASS    |
|                                | 100           | 0      | 7.13             | 7.06 | 7.12 | 13         | PASS    |

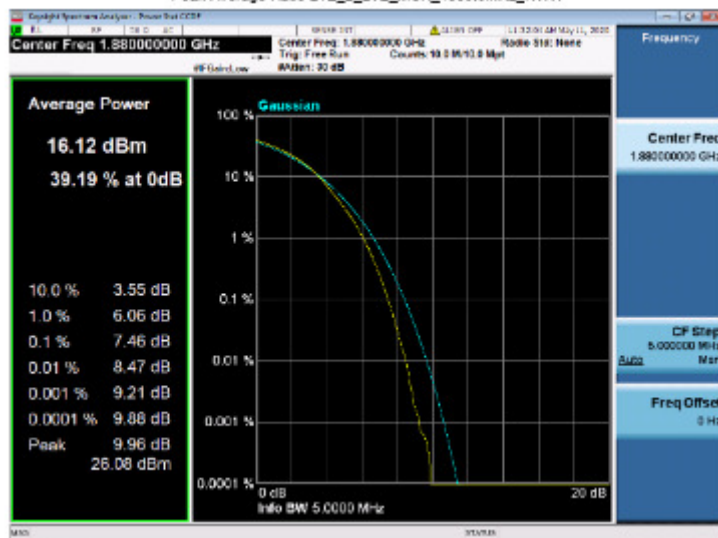
5.2 Test Graph



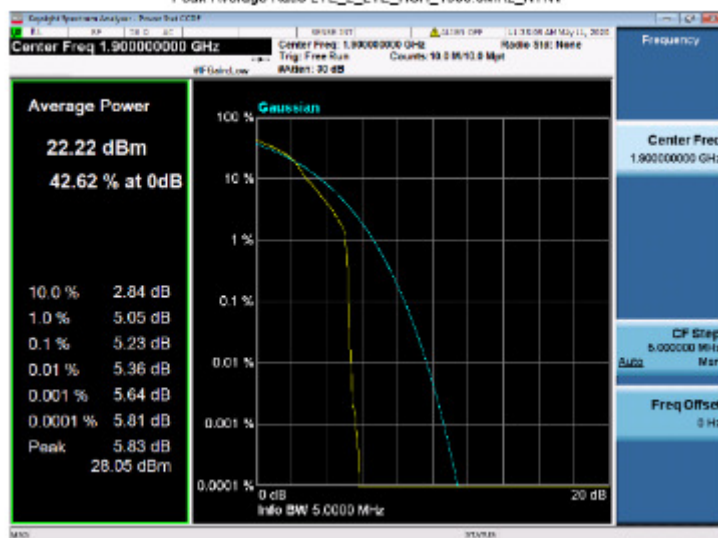
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



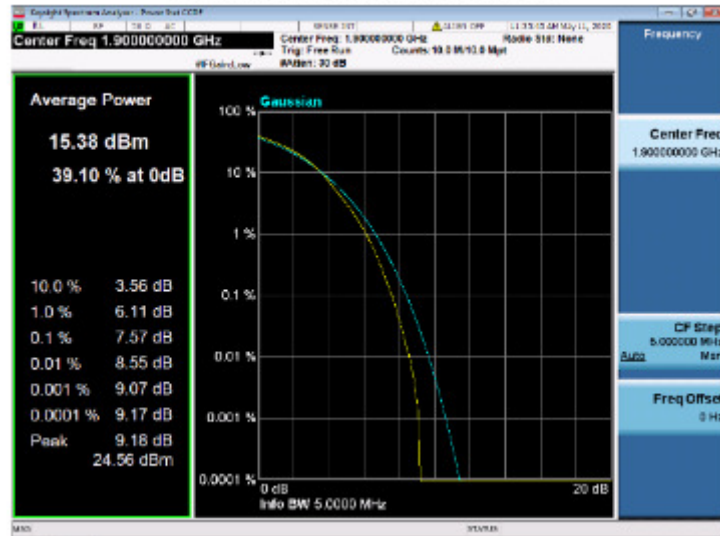
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



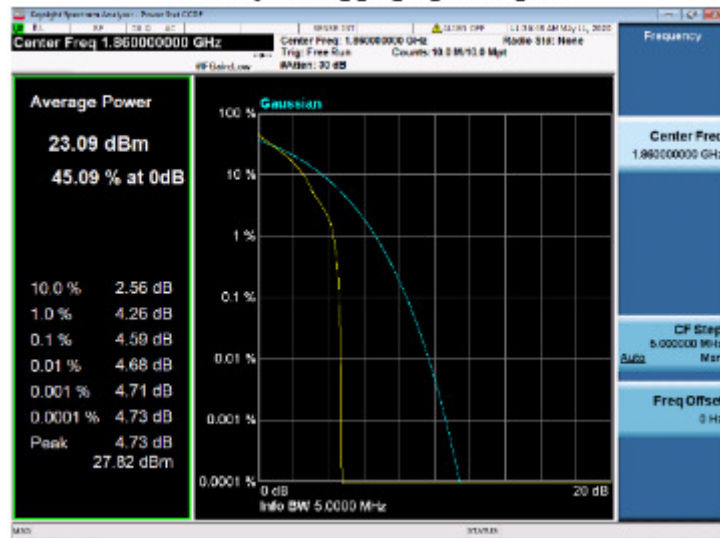
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1900.0MHz\_NTNV



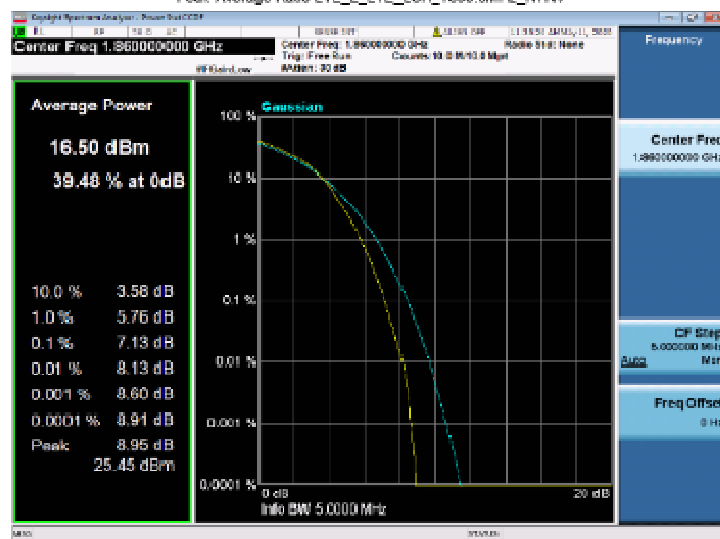
Peak-Average Ratio LTE\_2\_LTE\_HCH\_1900.0MHz\_NTNV



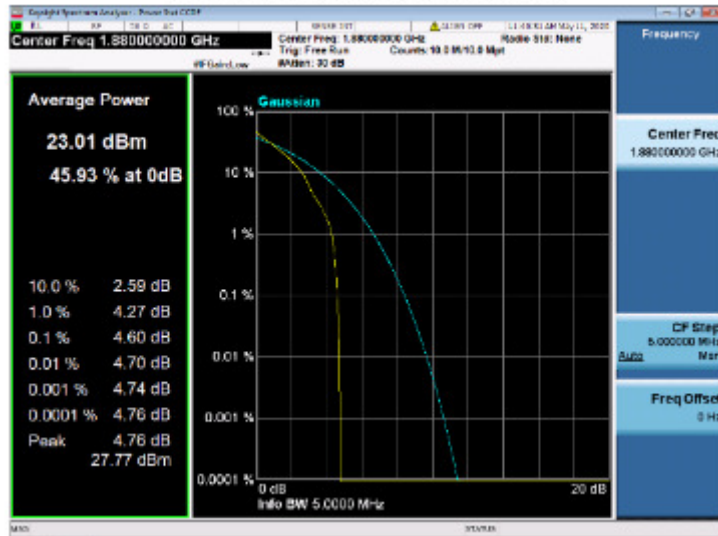
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1880.0MHz\_NTNV



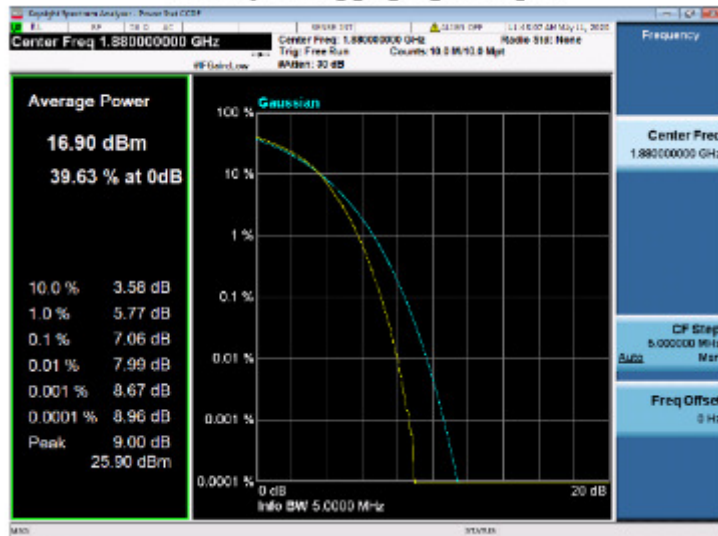
Peak-Average Ratio LTE\_2\_LTE\_LCH\_1880.0MHz\_NTNV



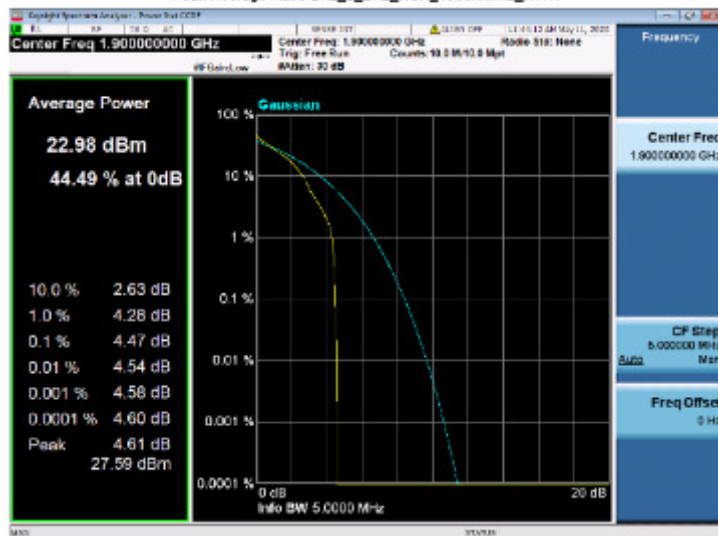
Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV

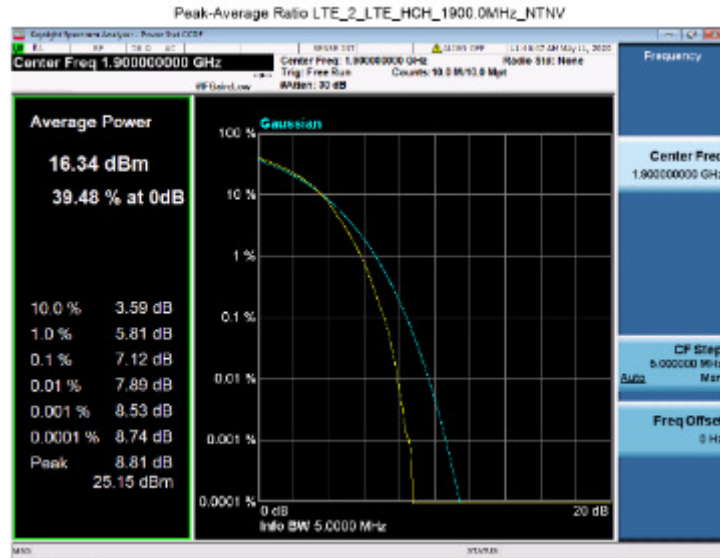


Peak-Average Ratio LTE\_2\_LTE\_MCH\_1880.0MHz\_NTNV



Peak-Average Ratio LTE\_2\_LTE\_MCH\_1900.0MHz\_NTNV

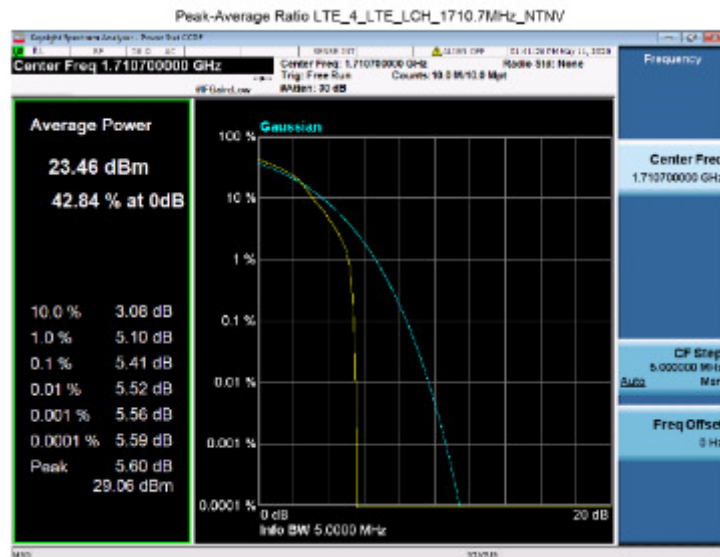




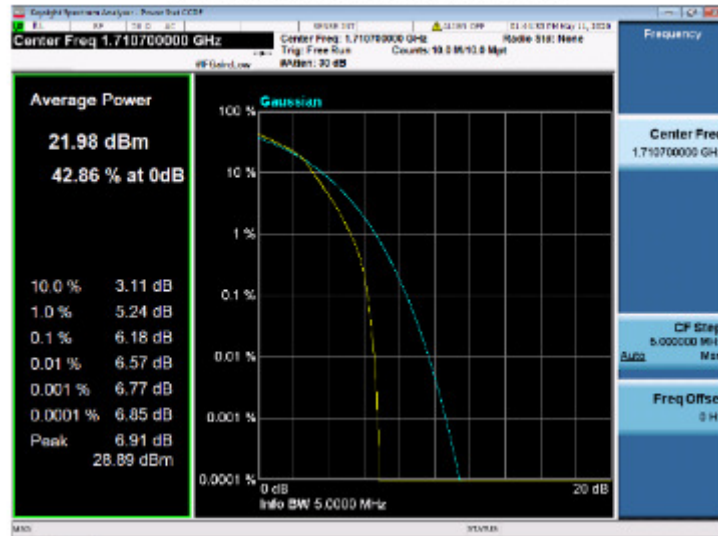
Test Band: 4 \_ 1.4MHz Bandwidth

| Test Mode | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|-----------|---------------|--------|------------------|------|------|------------|---------|
|           | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM     | 1             | 0      | 5.41             | 5.42 | 5.52 | 13         | PASS    |
|           | 6             | 0      | 6.18             | 5.93 | 6.05 | 13         | PASS    |
| QPSK      | 1             | 0      | 4.68             | 4.39 | 4.49 | 13         | PASS    |
|           | 6             | 0      | 5.22             | 4.89 | 5.20 | 13         | PASS    |

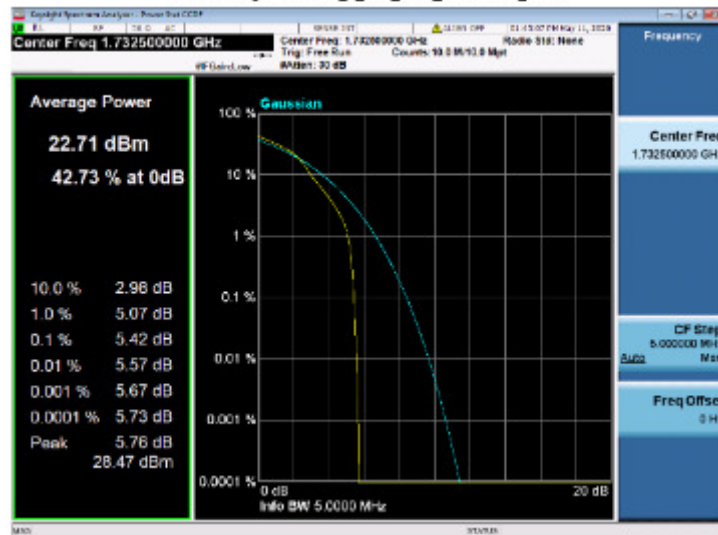
## 5.2 Test Graph



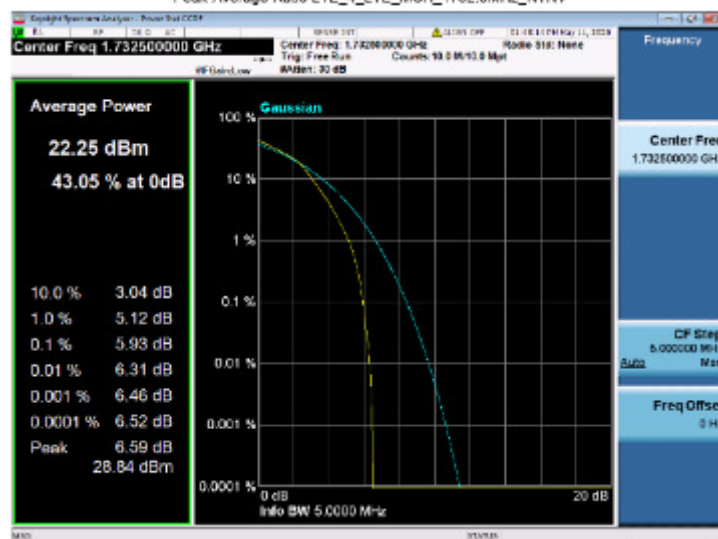
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1710.7MHz\_NTNV



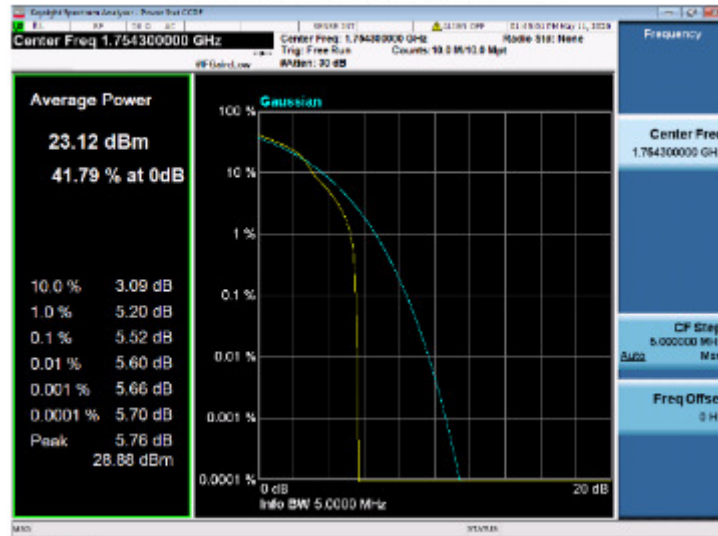
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



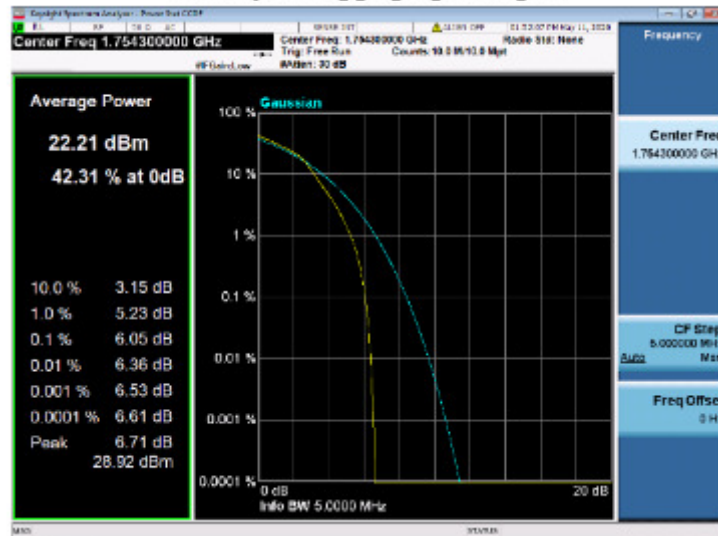
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



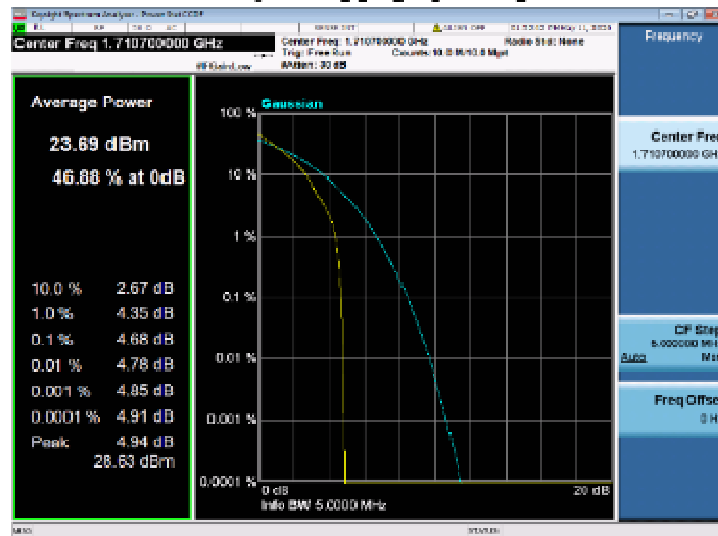
Peak-Average Ratio LTE\_4\_LTE\_HCH\_1754.3MHz\_NTNV



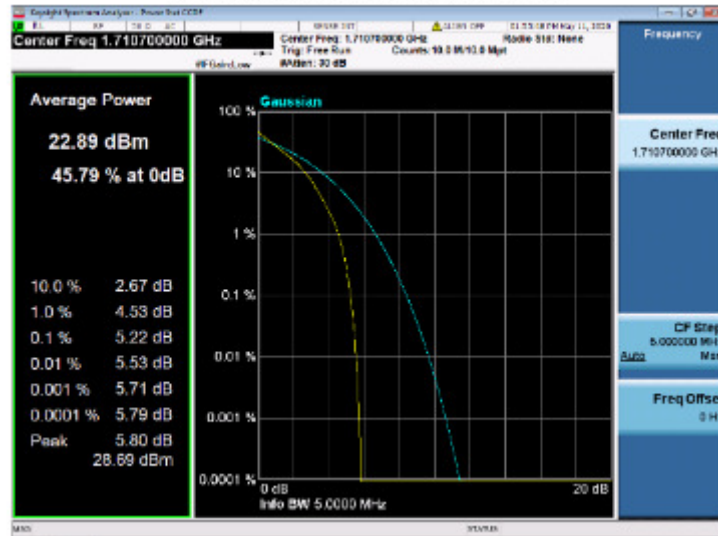
Peak-Average Ratio LTE\_4\_LTE\_HCH\_1754.3MHz\_NTNV



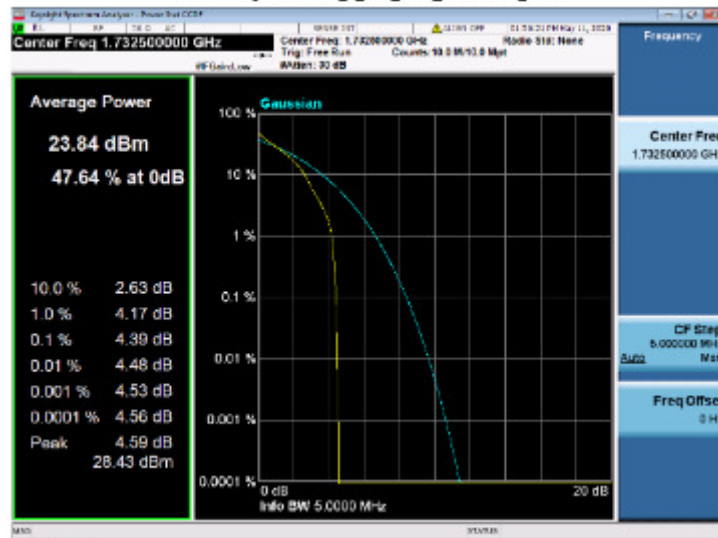
Peak-Average Ratio LTE\_4\_LTE\_HCH\_1710.7MHz\_NTNV



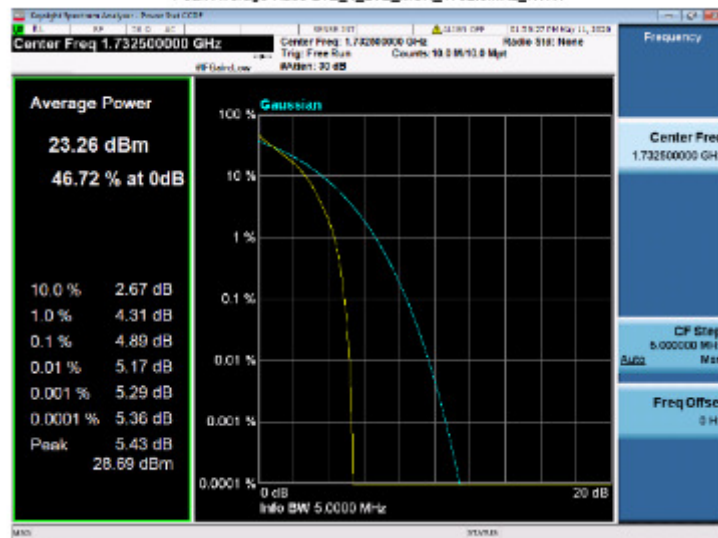
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1710.7MHz\_NTNV



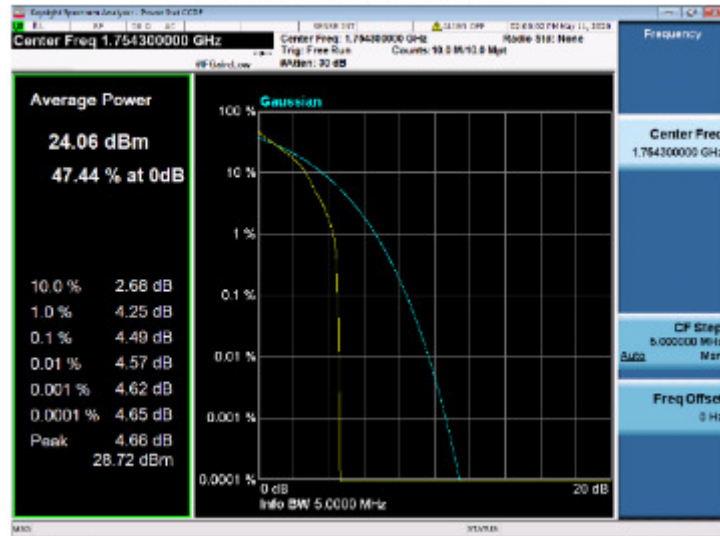
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



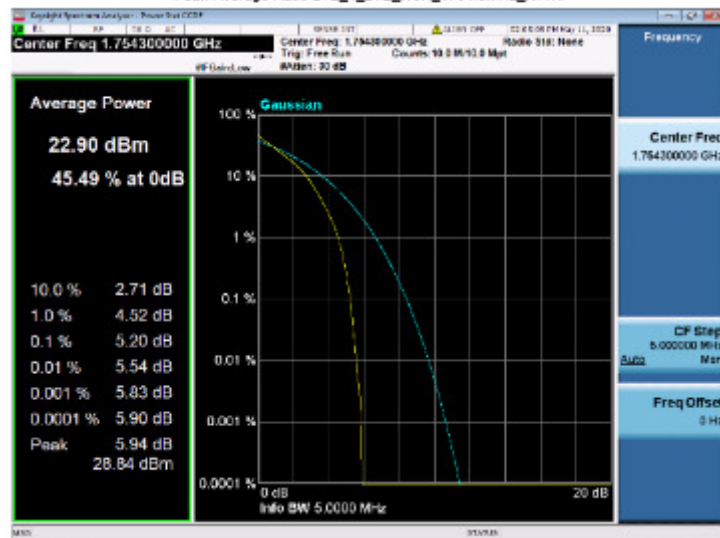
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



# Peak-Average Ratio LTE\_4\_LTE\_HCH\_1754.3MHz\_NTNV

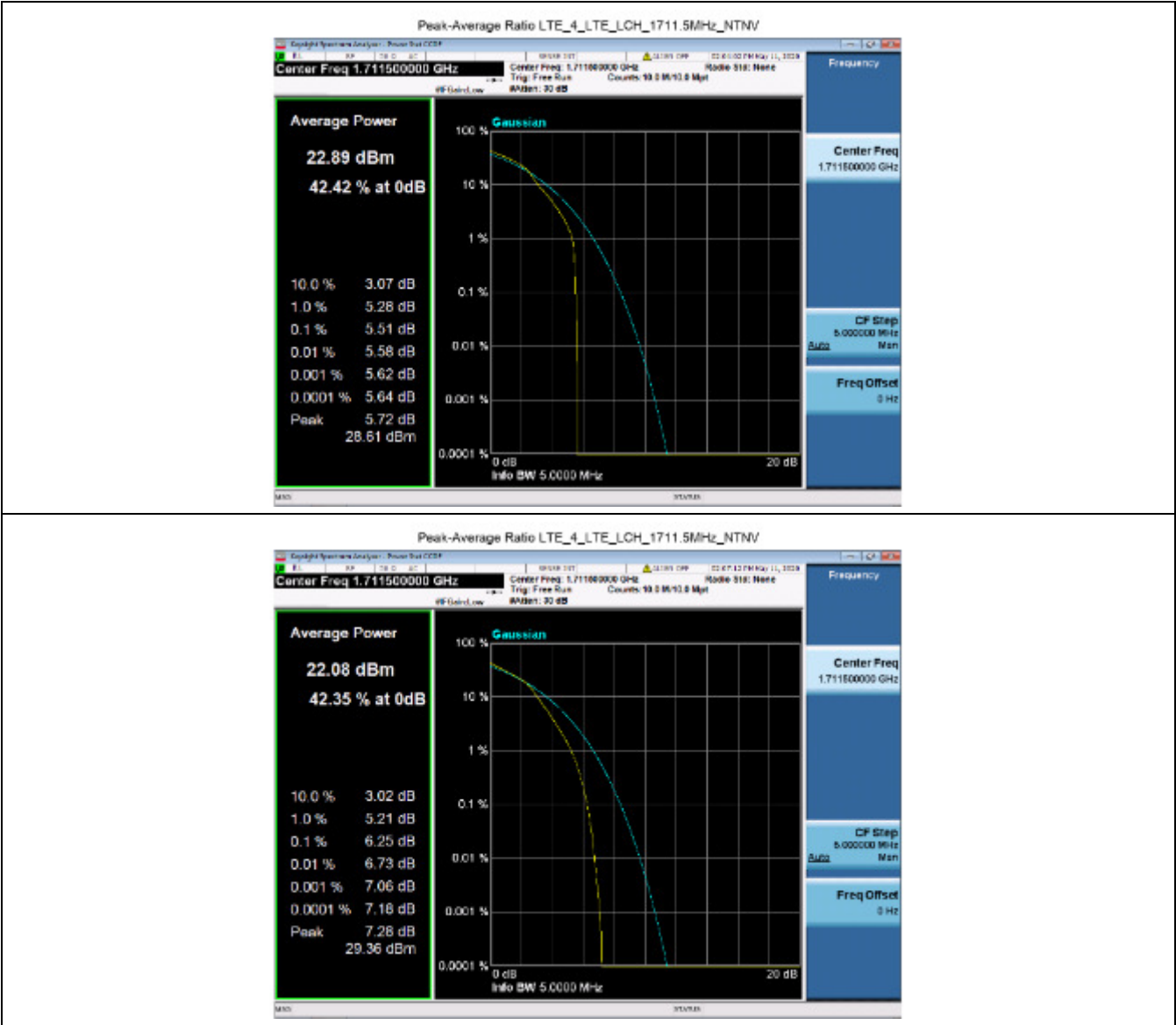


# Peak-Average Ratio LTE\_4\_LTE\_HCH\_1754.3MHz\_NTNV

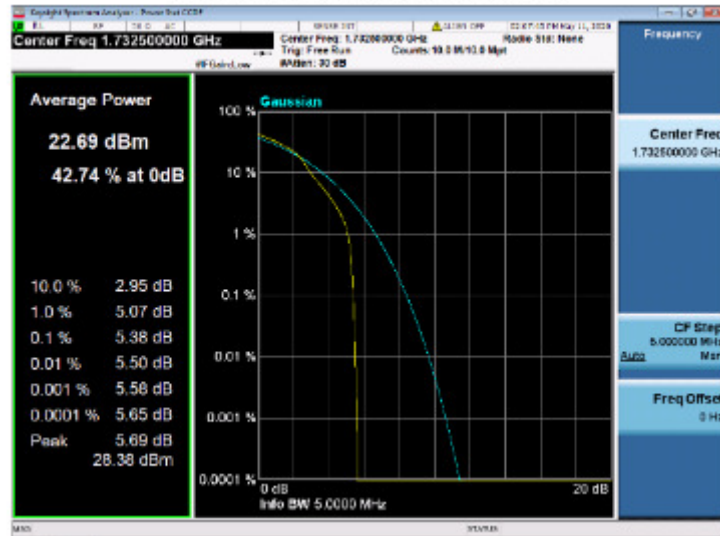


| Test Band: 4 _ 3MHz Bandwidth |               |        |                  |      |      |            |         |
|-------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                     | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                               | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                         | 1             | 0      | 5.51             | 5.38 | 5.42 | 13         | PASS    |
|                               | 15            | 0      | 6.25             | 6.00 | 6.28 | 13         | PASS    |
| QPSK                          | 1             |        | 4.65             | 4.37 | 4.62 | 13         | PASS    |
|                               | 15            | 0      | 5.40             | 5.06 | 5.33 | 13         | PASS    |

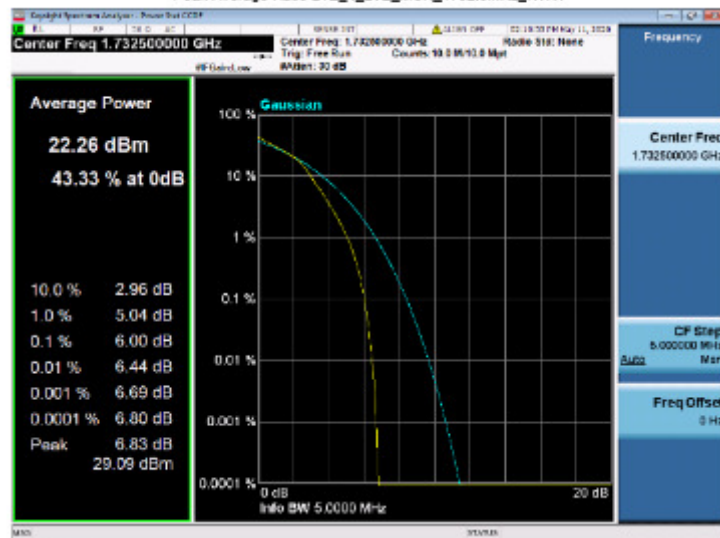
5.2 Test Graph



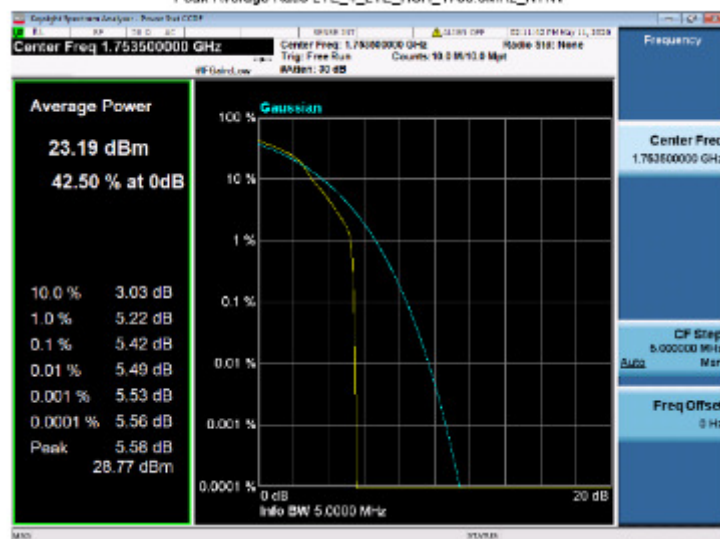
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



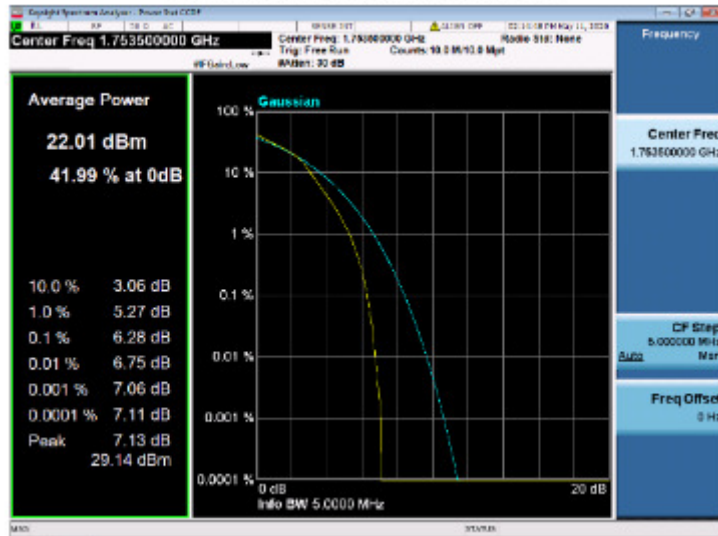
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



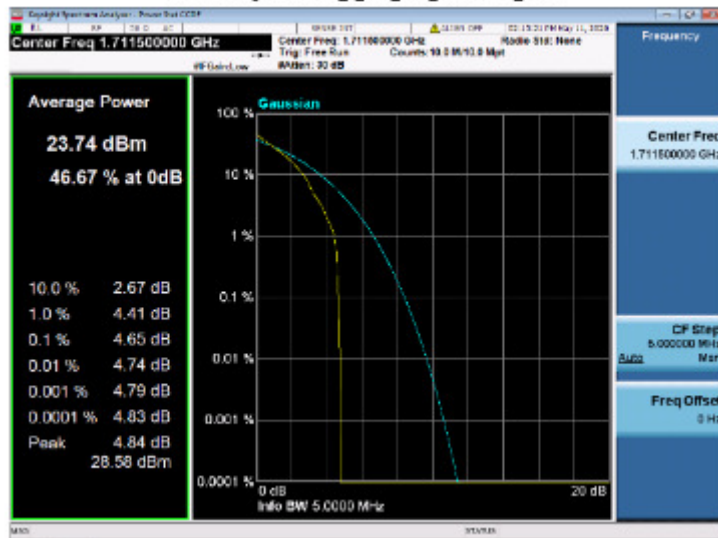
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1753.5MHz\_NTNV



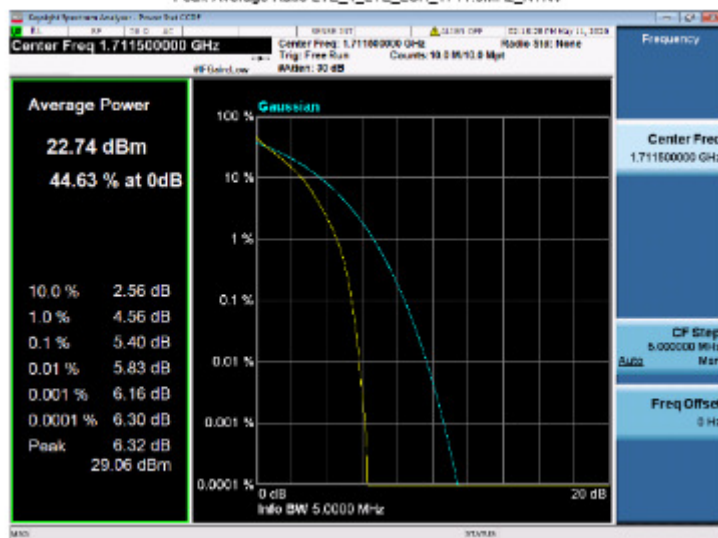
Peak-Average Ratio LTE\_4\_LTE\_HCH\_1753.5MHz\_NTNV



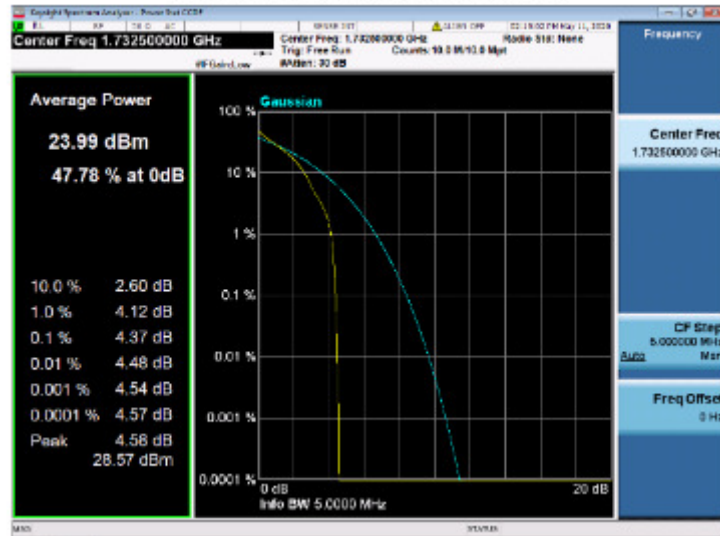
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1711.5MHz\_NTNV



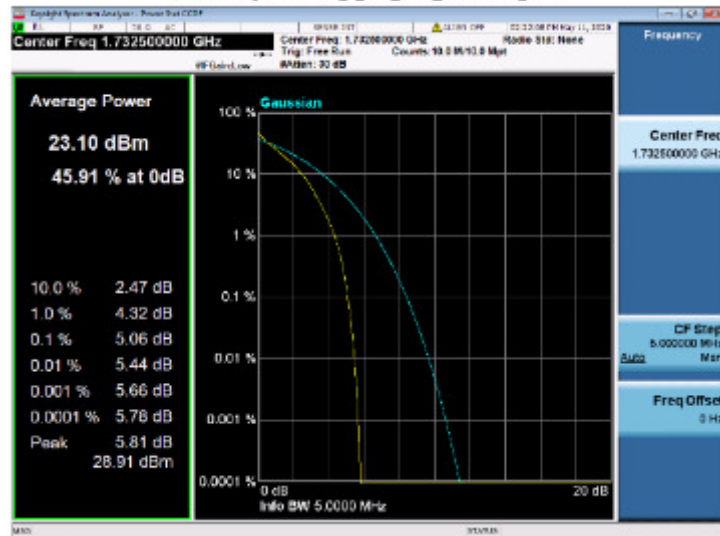
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1711.5MHz\_NTNV



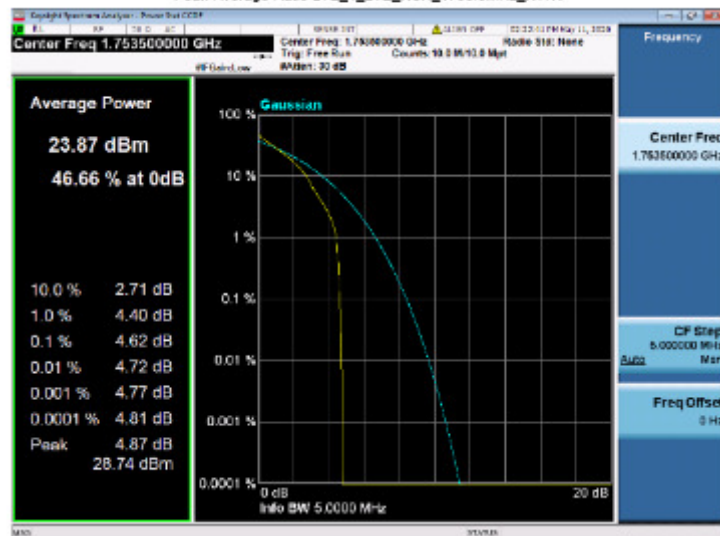
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



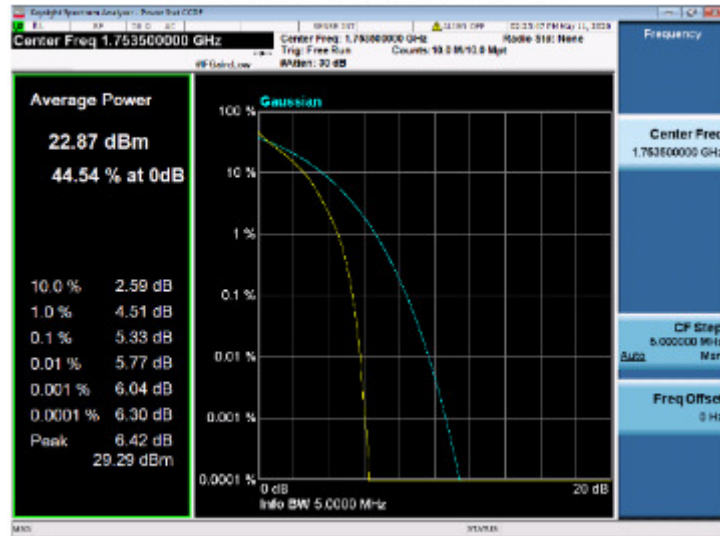
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



Peak-Average Ratio LTE\_4\_LTE\_MCH\_1753.5MHz\_NTNV

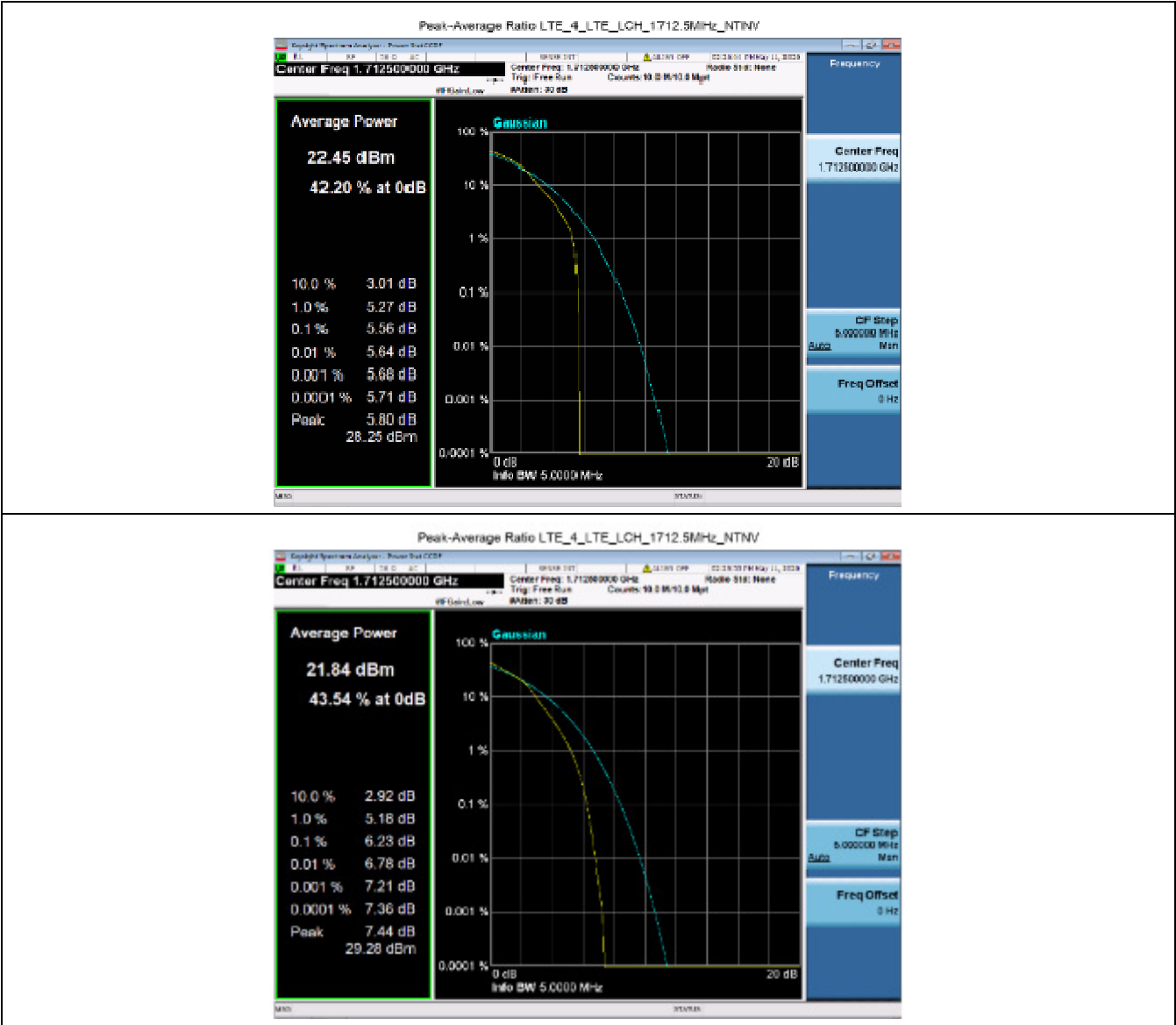


# Peak-Average Ratio LTE\_4\_LTE\_HCH\_1753.5MHz\_NTNV

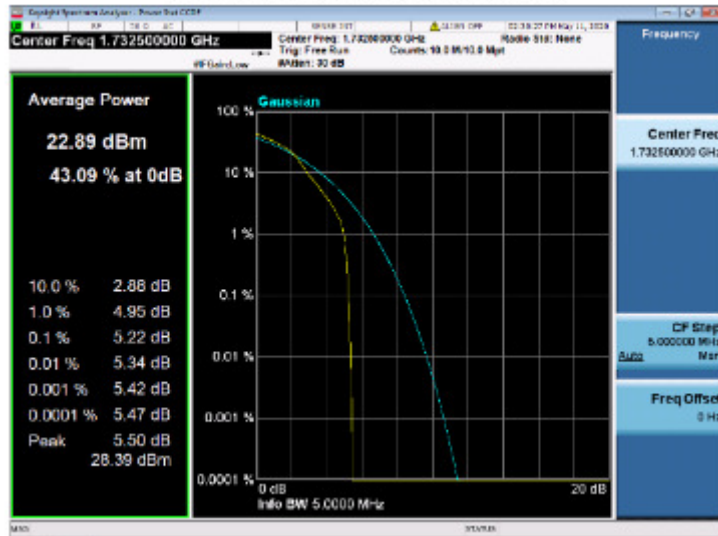


| Test Band: 4 _ 5MHz Bandwidth |               |        |                  |      |      |            |         |
|-------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                     | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                               | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                         | 1             | 0      | 5.56             | 5.22 | 5.45 | 13         | PASS    |
|                               | 25            | 0      | 6.23             | 6.03 | 6.11 | 13         | PASS    |
| QPSK                          | 1             |        | 4.62             | 4.38 | 4.57 | 13         | PASS    |
|                               | 25            | 0      | 5.35             | 5.12 | 5.28 | 13         | PASS    |

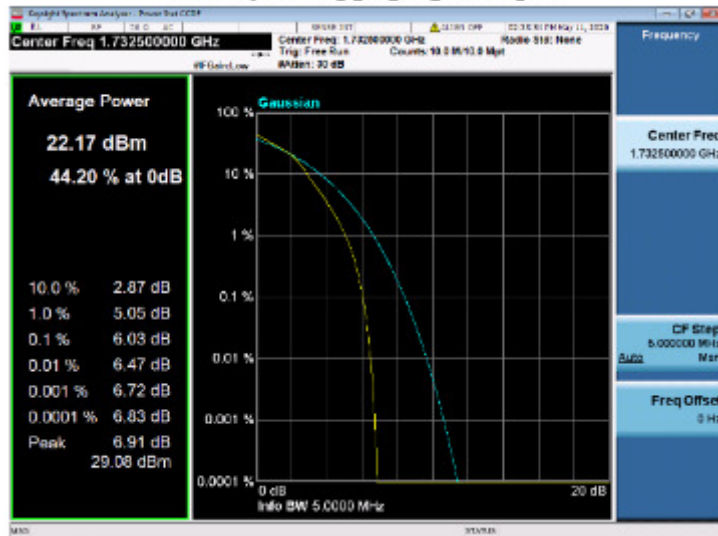
5.2 Test Graph



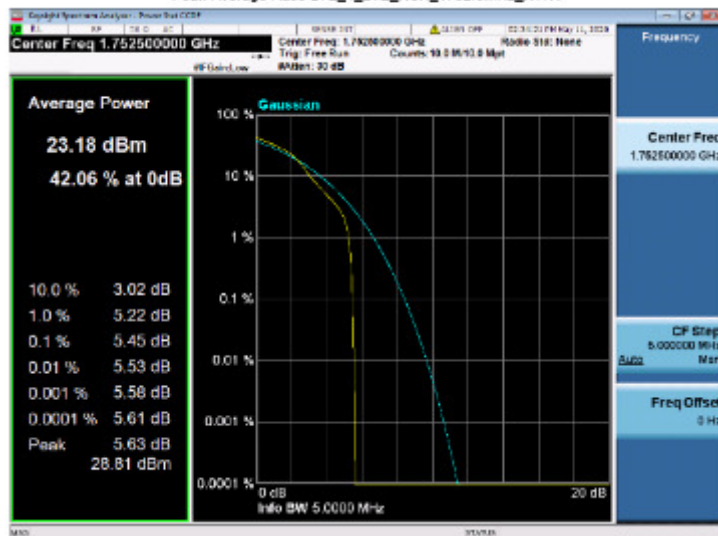
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



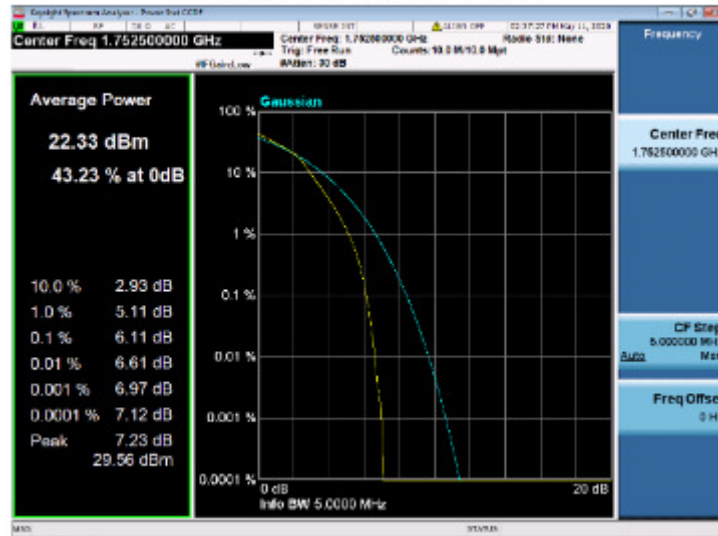
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



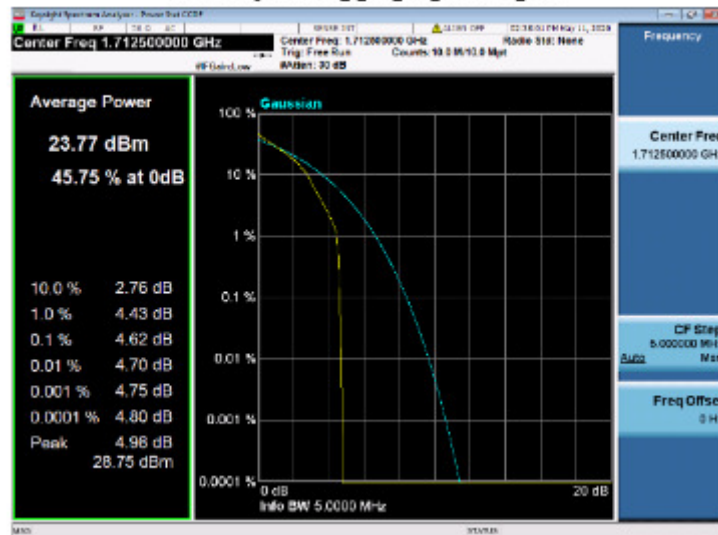
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1752.5MHz\_NTNV



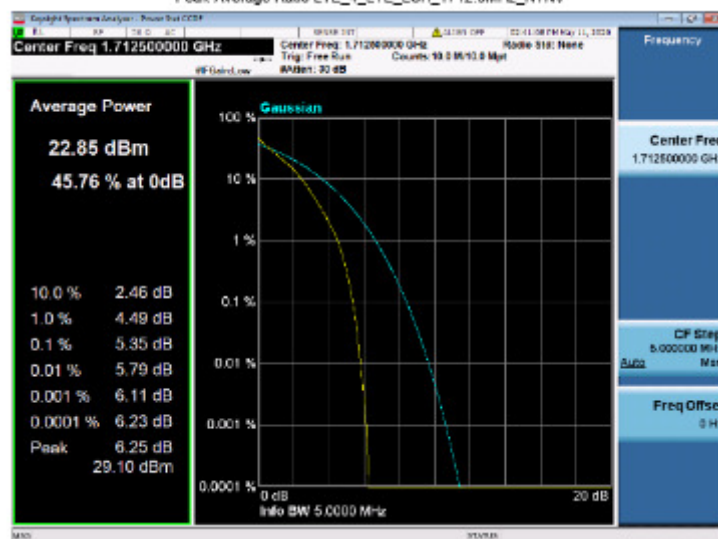
Peak-Average Ratio LTE\_4\_LTE\_HCH\_1752.5MHz\_NTNV



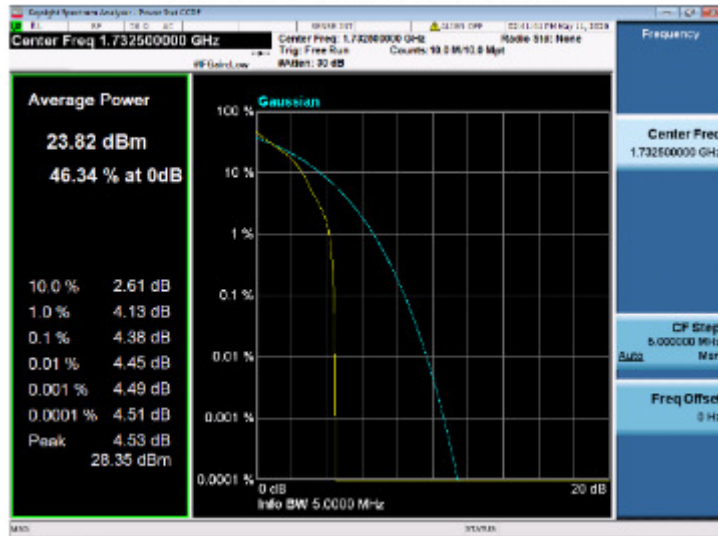
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1712.5MHz\_NTNV



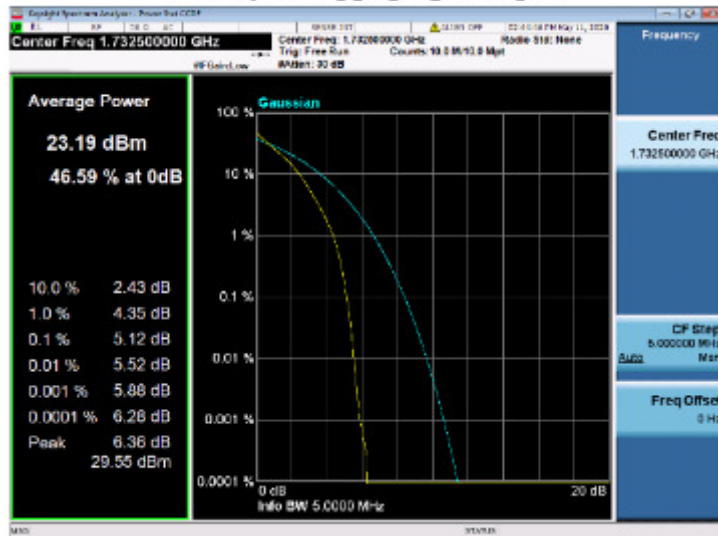
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1712.5MHz\_NTNV



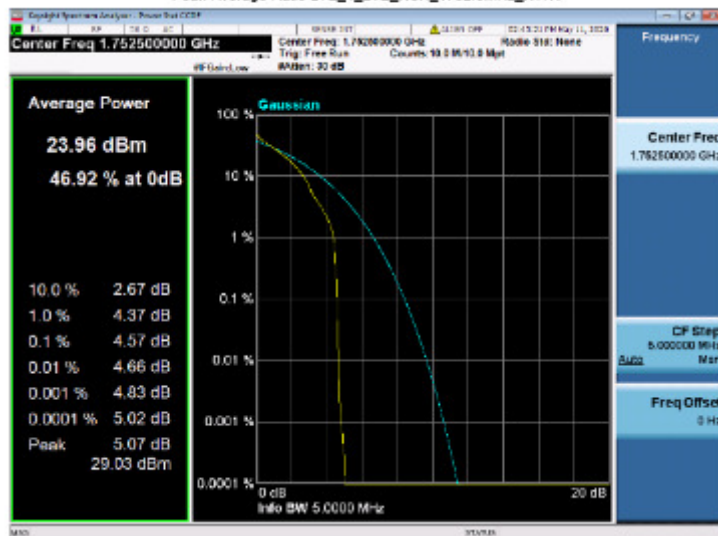
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



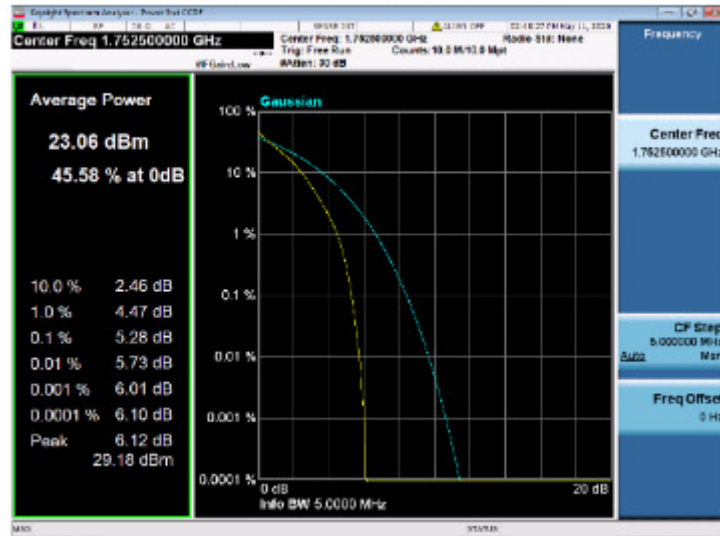
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



Peak-Average Ratio LTE\_4\_LTE\_MCH\_1752.5MHz\_NTNV

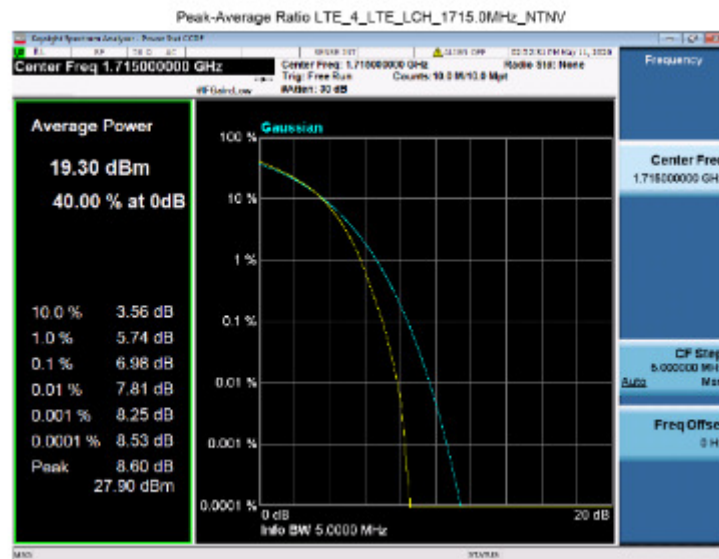
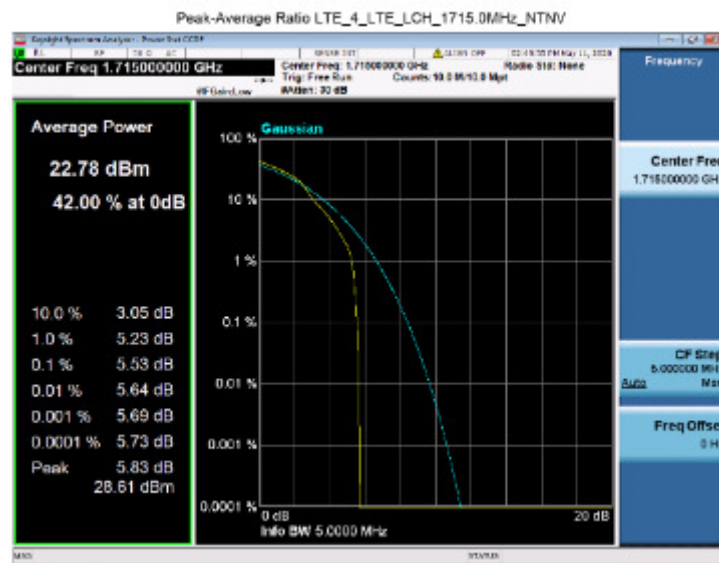


# Peak-Average Ratio LTE\_4\_LTE\_HCH\_1752.5MHz\_NTNV

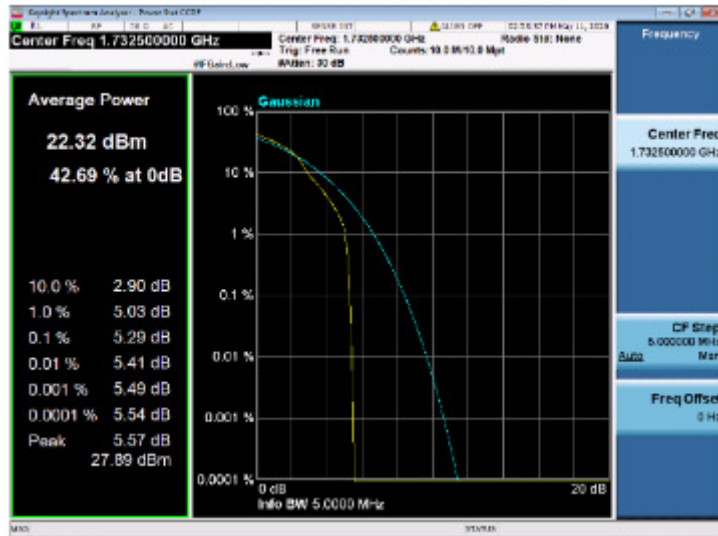


| Test Band: 4 _ 10MHz Bandwidth |               |        |                  |      |      |            |         |
|--------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                      | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                                | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| 16QAM                          | 1             | 0      | 5.53             | 5.29 | 5.15 | 13         | PASS    |
|                                | 50            | 0      | 6.98             | 6.77 | 6.92 | 13         | PASS    |
| QPSK                           | 1             |        | 4.68             | 4.23 | 4.31 | 13         | PASS    |
|                                | 50            | 0      | 6.09             | 6.03 | 6.07 | 13         | PASS    |

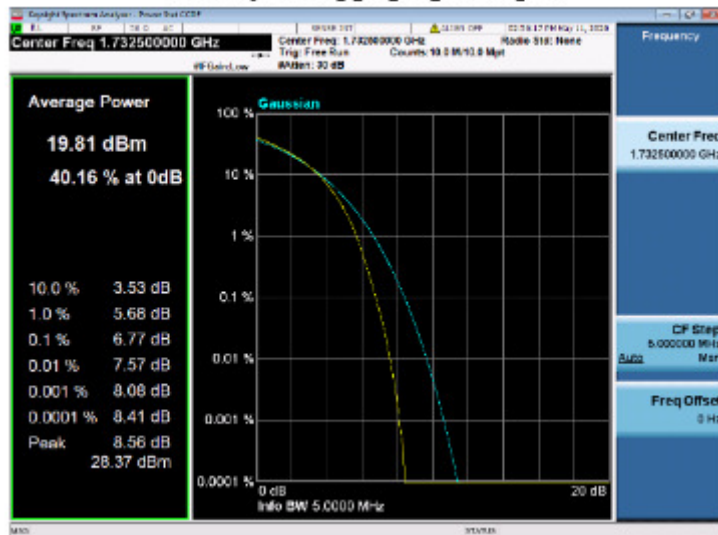
## 5.2 Test Graph



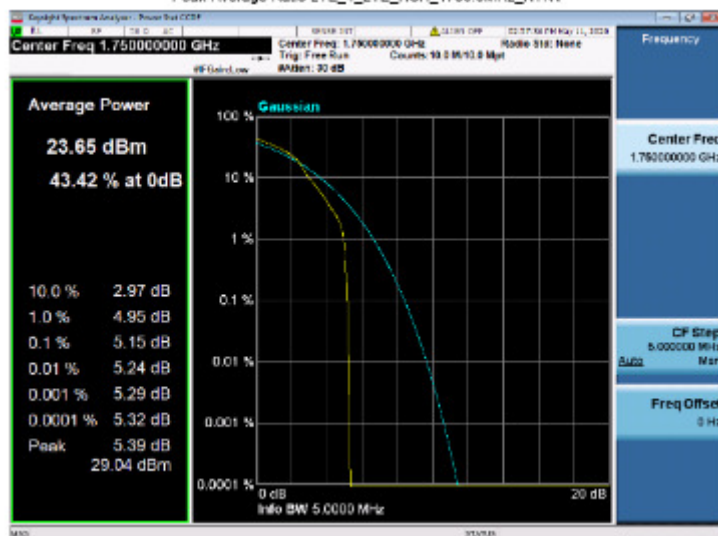
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



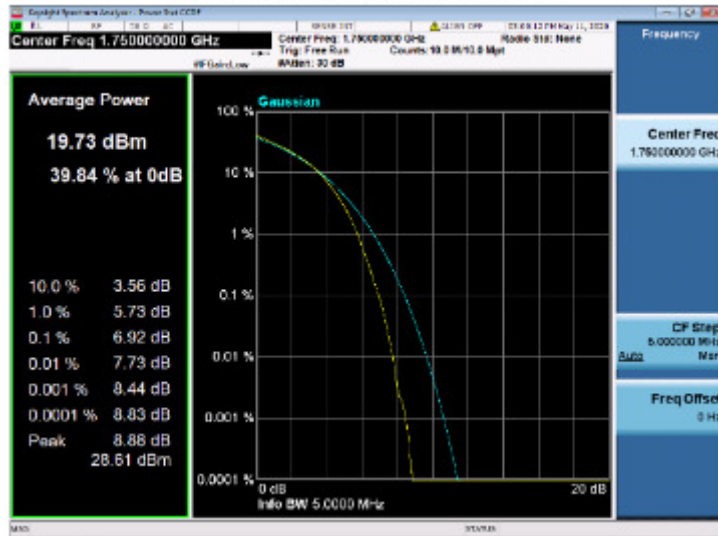
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



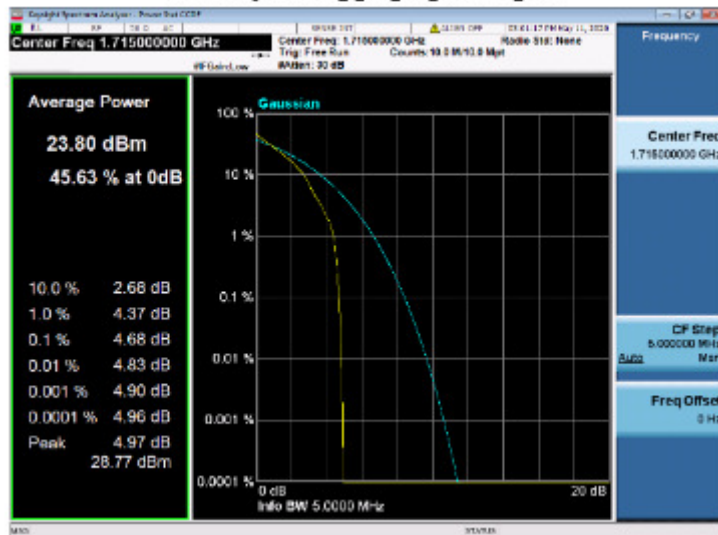
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1750.0MHz\_NTNV



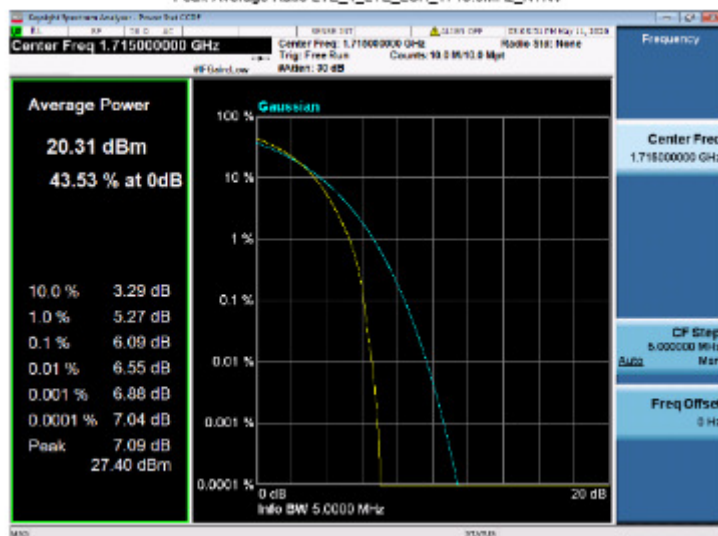
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1750.0MHz\_NTNV



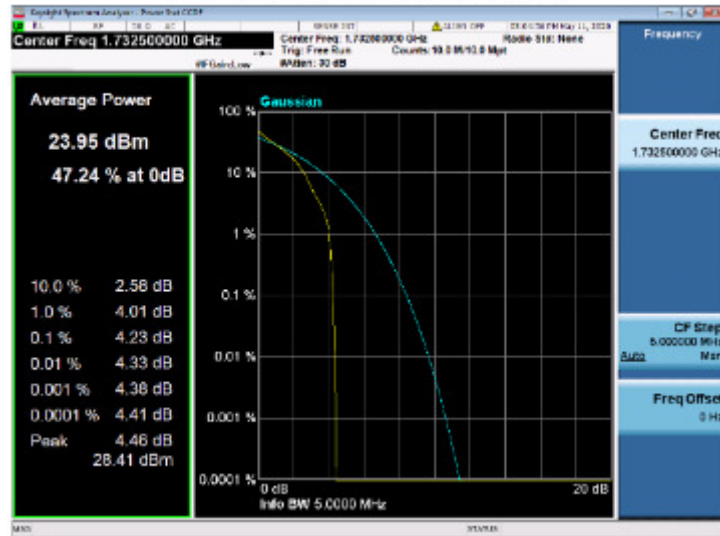
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1715.0MHz\_NTNV



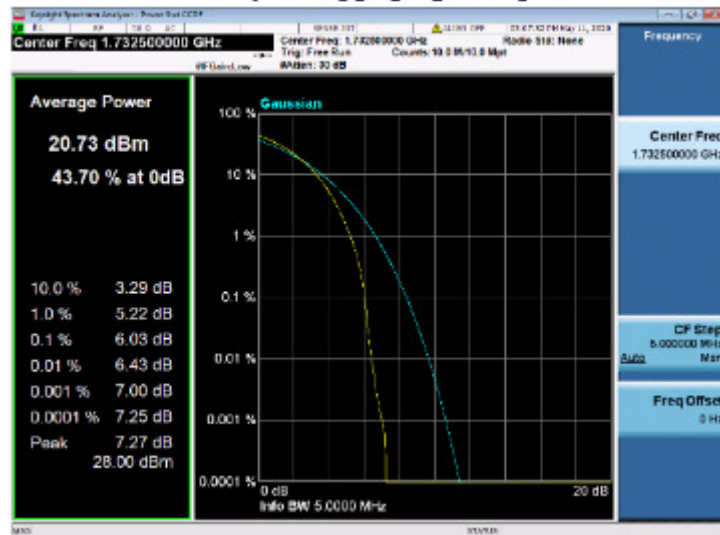
Peak-Average Ratio LTE\_4\_LTE\_LCH\_1715.0MHz\_NTNV



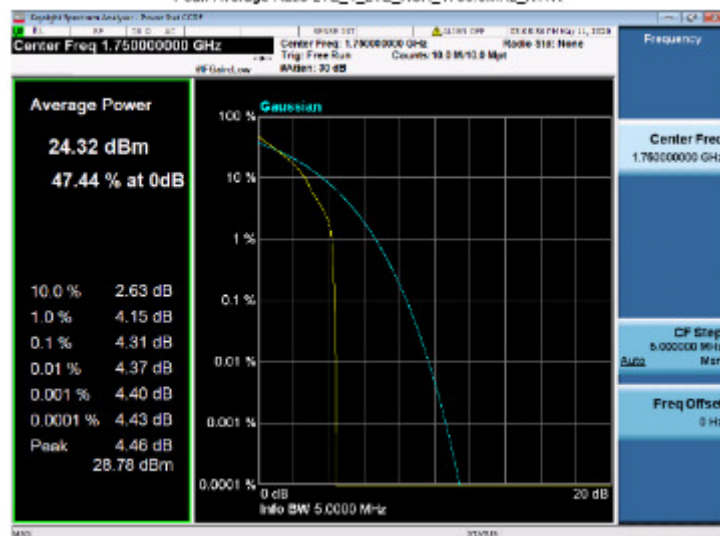
Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



Peak-Average Ratio LTE\_4\_LTE\_MCH\_1732.5MHz\_NTNV



Peak-Average Ratio LTE\_4\_LTE\_MCH\_1750.0MHz\_NTNV



# Peak-Average Ratio LTE\_4\_LTE\_HCH\_1750.0MHz\_NTNV

