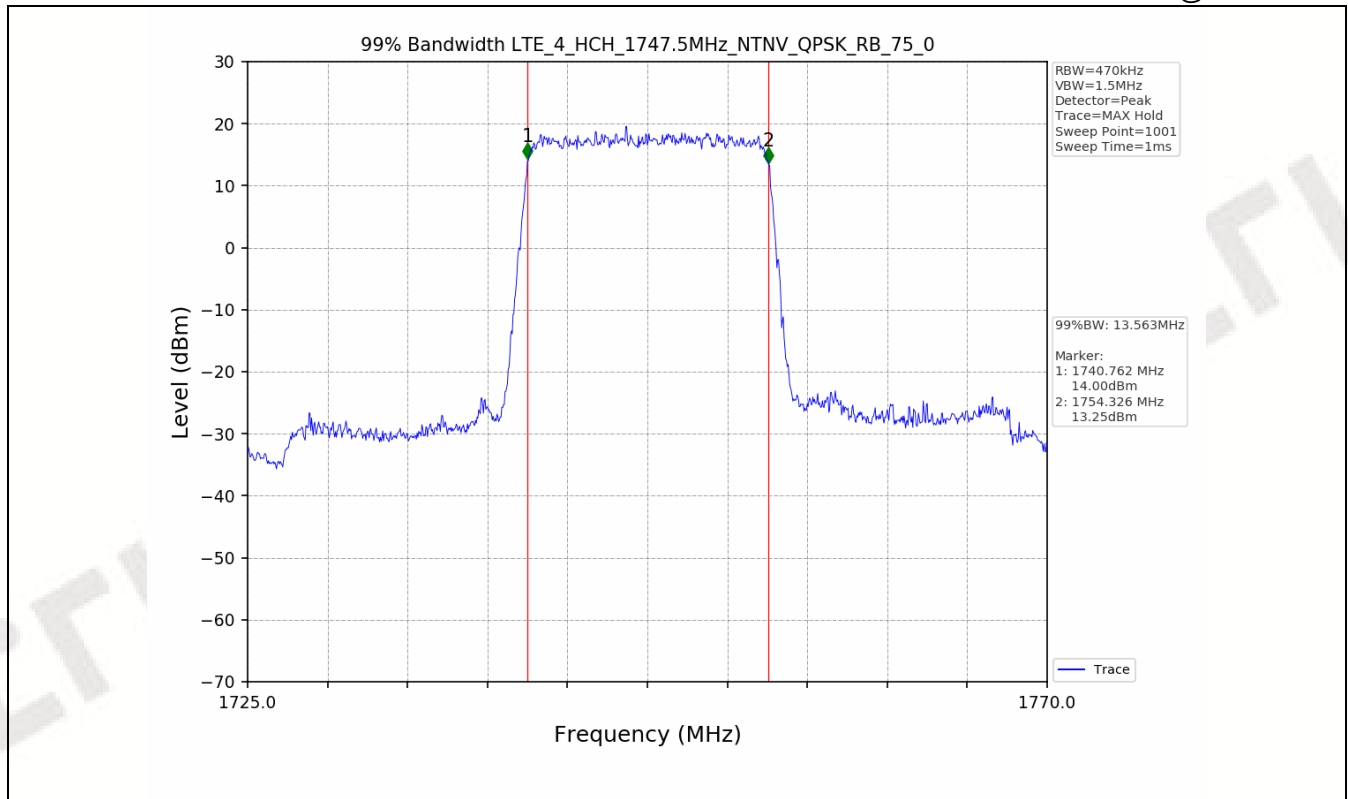
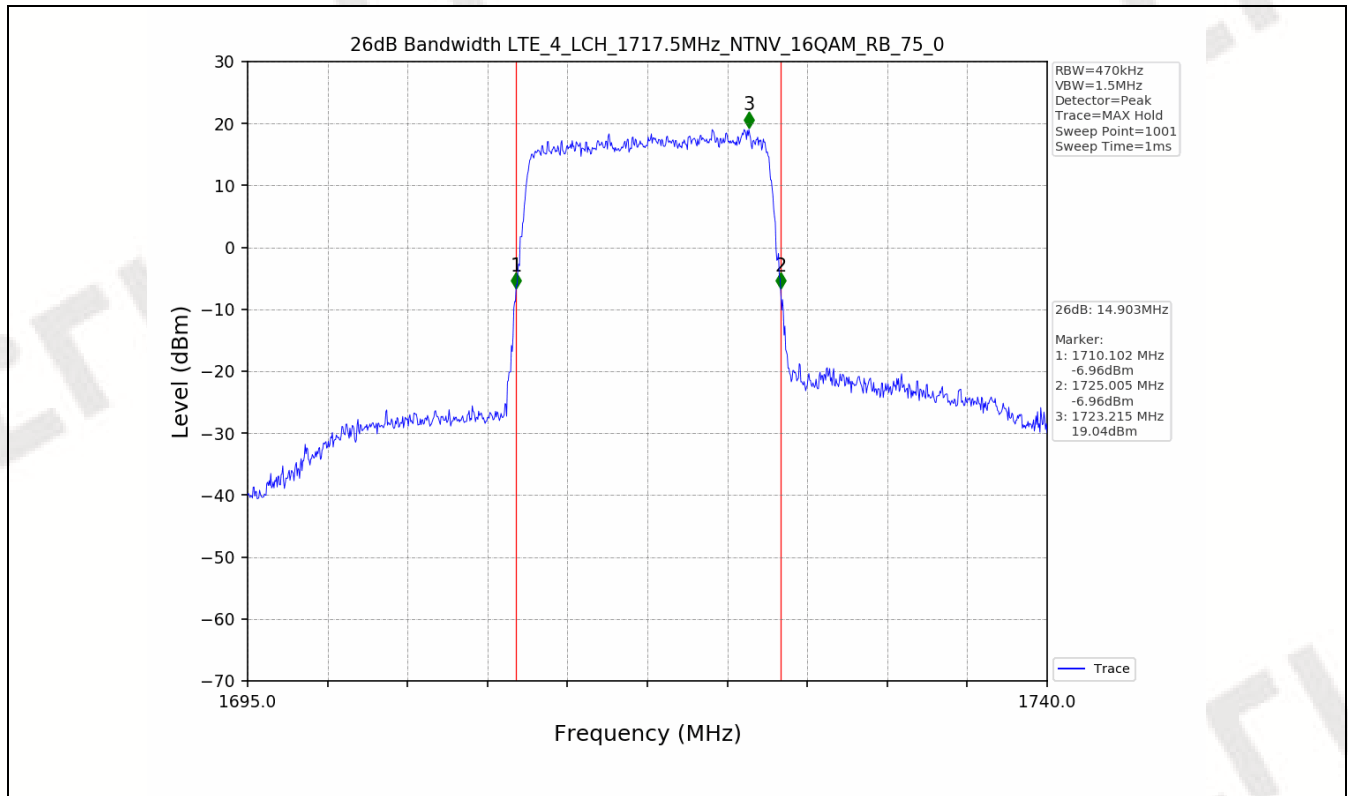


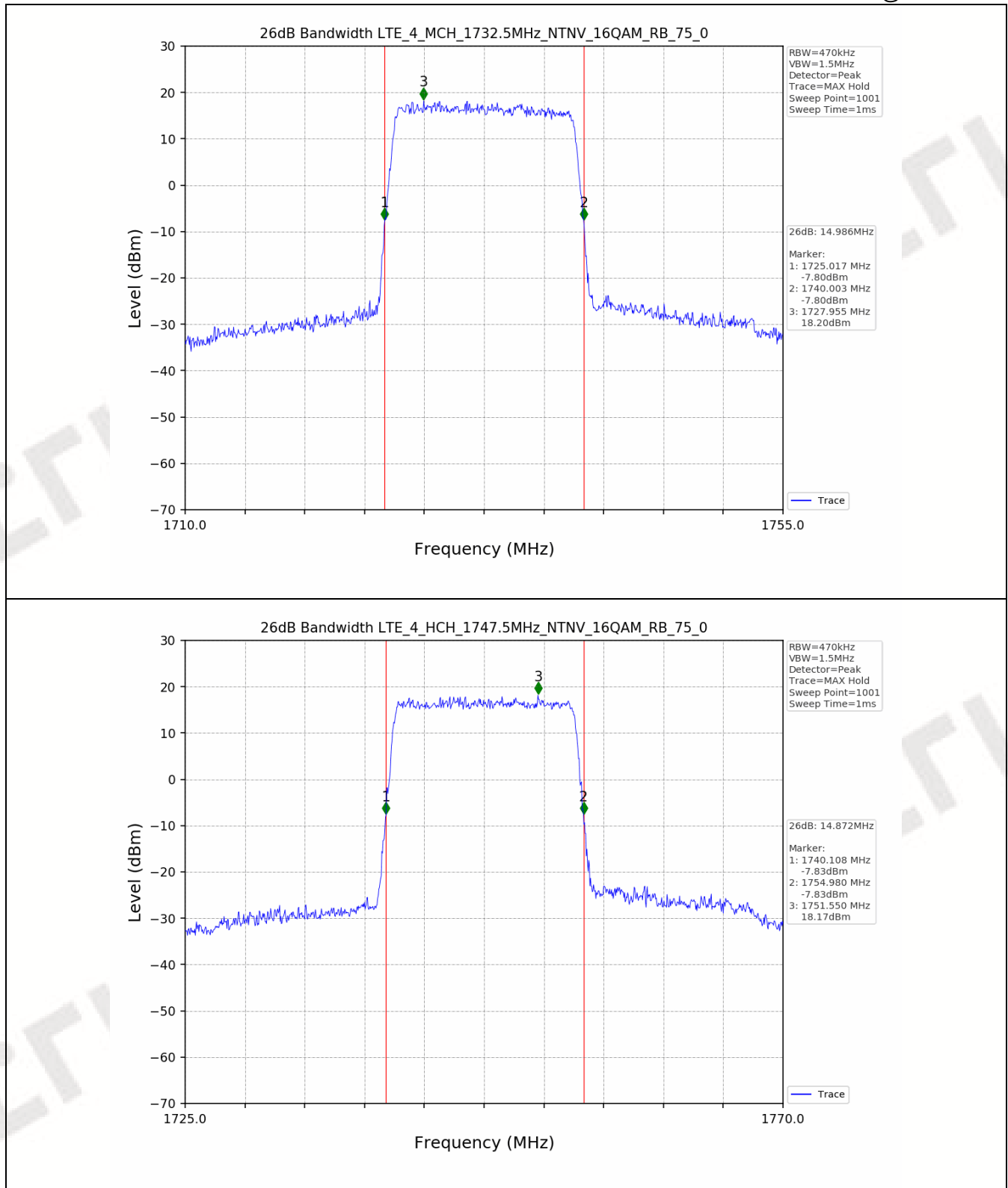


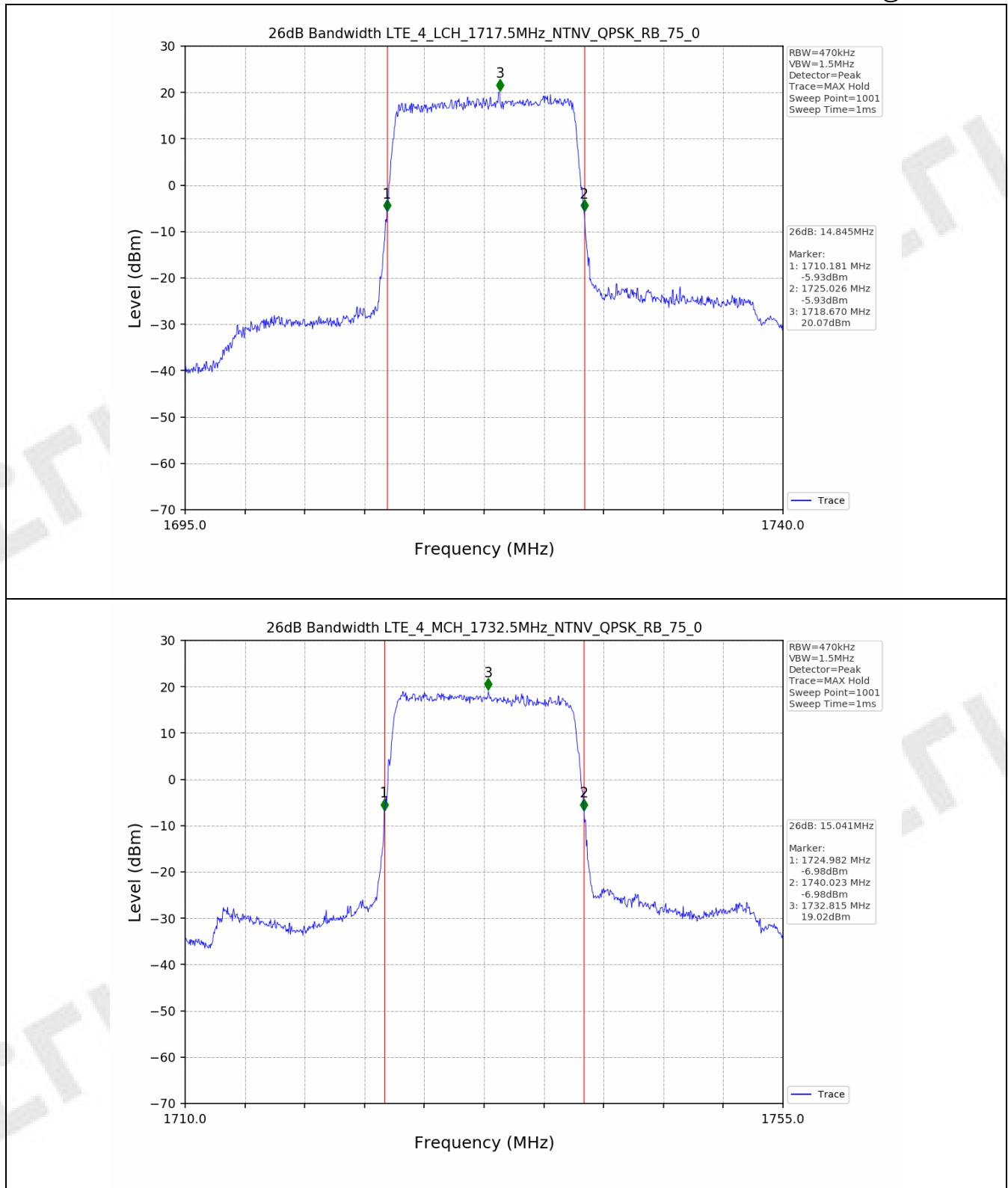


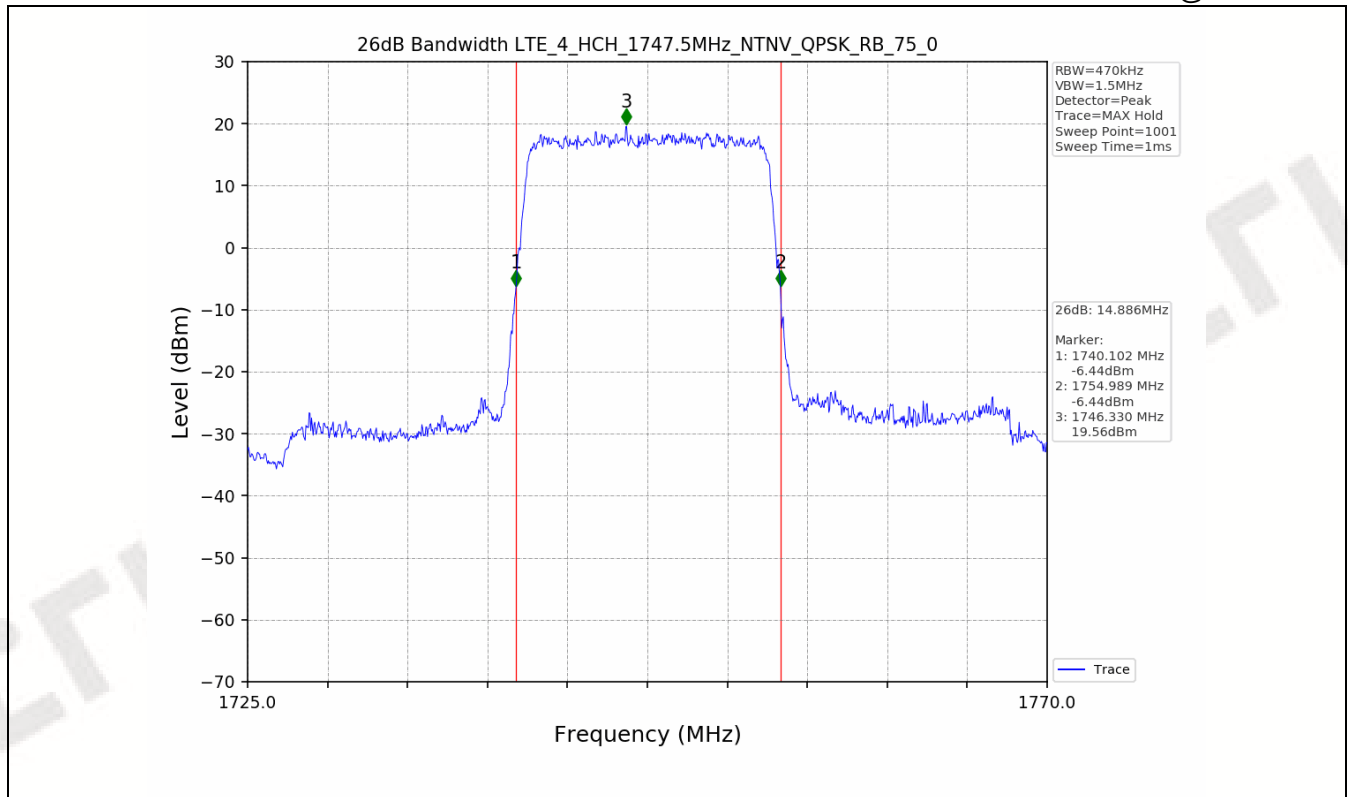
| Test Band: 4_15MHz Bandwidth |               |        |                      |        |        |       |         |
|------------------------------|---------------|--------|----------------------|--------|--------|-------|---------|
| Test Mode                    | RB Allocation |        | 26dB Bandwidth (MHz) |        |        | Limit | Verdict |
|                              | Size          | Offset | LCH                  | MCH    | HCH    |       |         |
| QPSK                         | 75            | 0      | 14.845               | 15.041 | 14.886 | N/A   | PASS    |
| 16QAM                        | 75            | 0      | 14.903               | 14.986 | 14.872 | N/A   | PASS    |

## 4.2 Test Graph





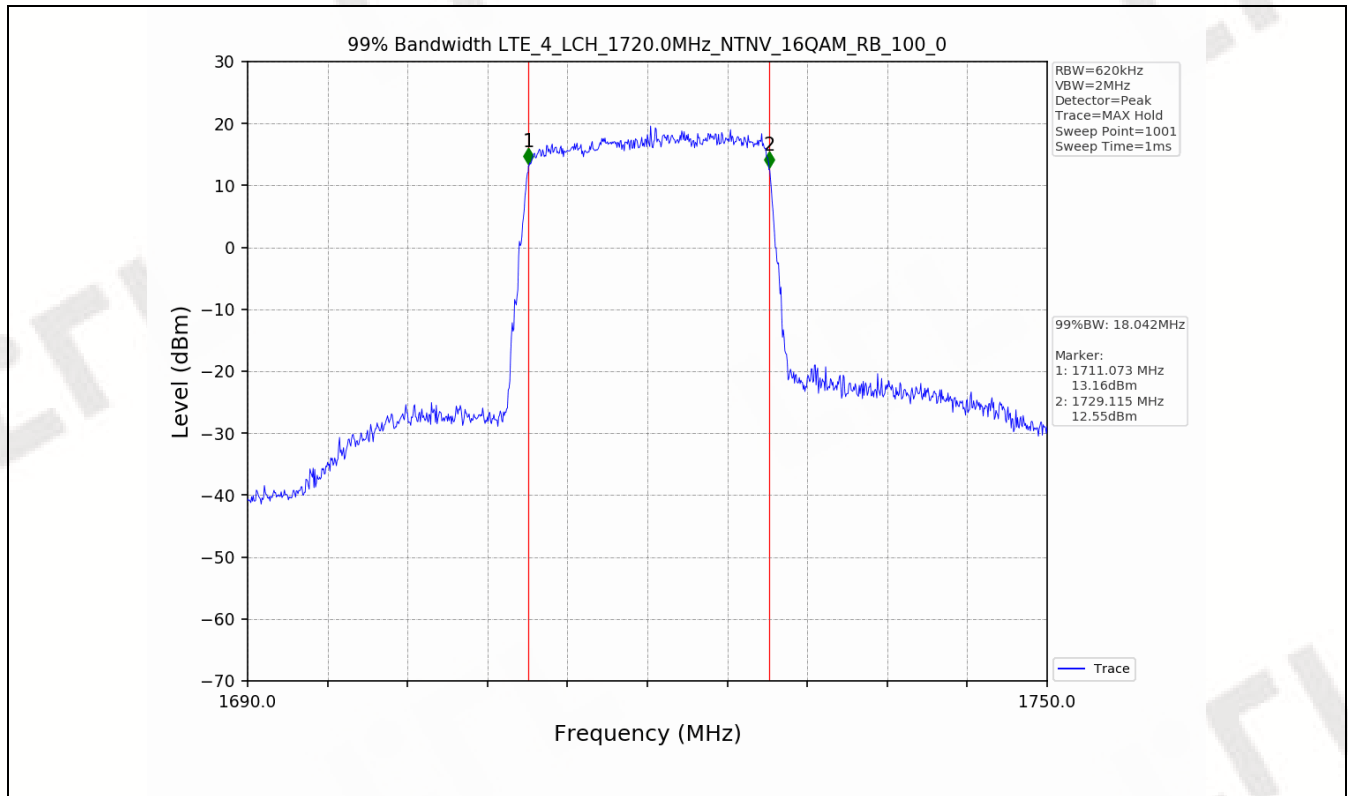


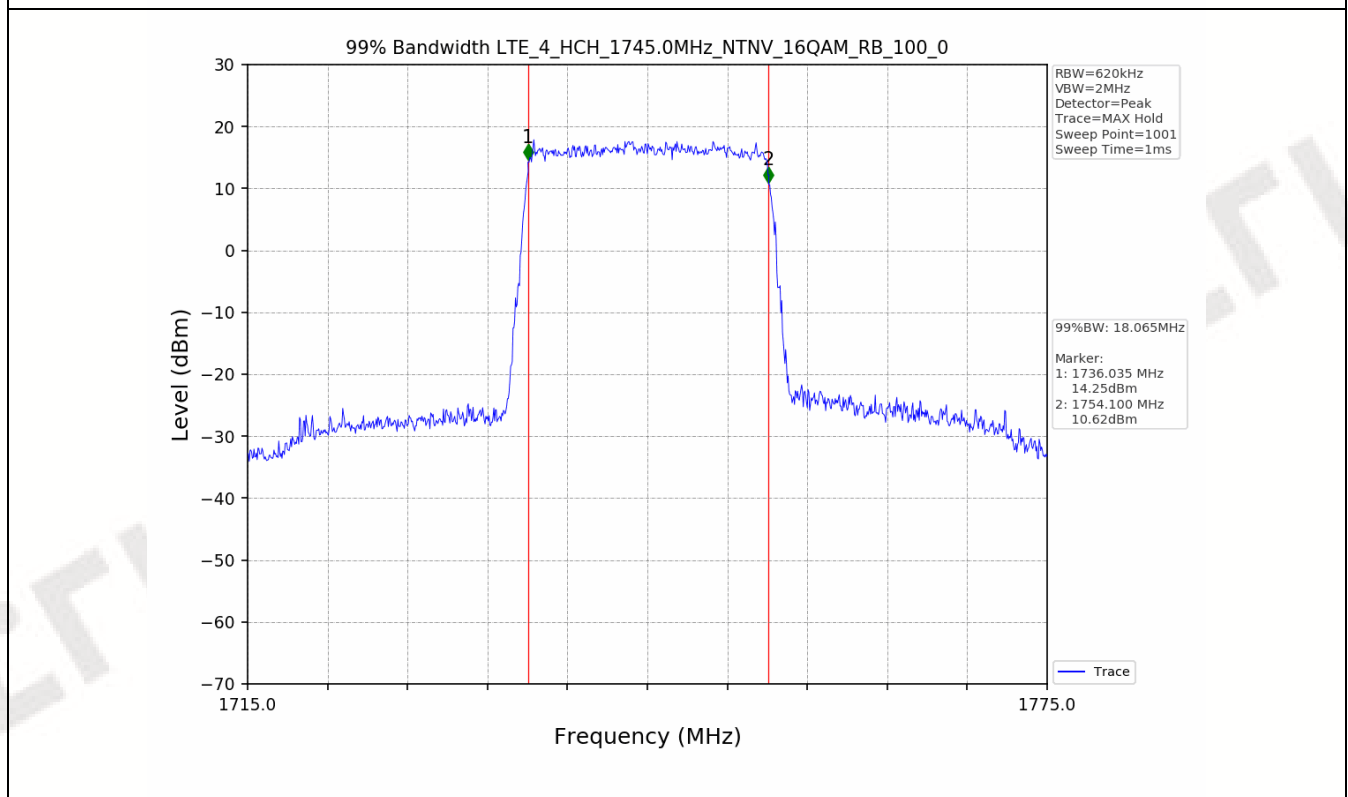
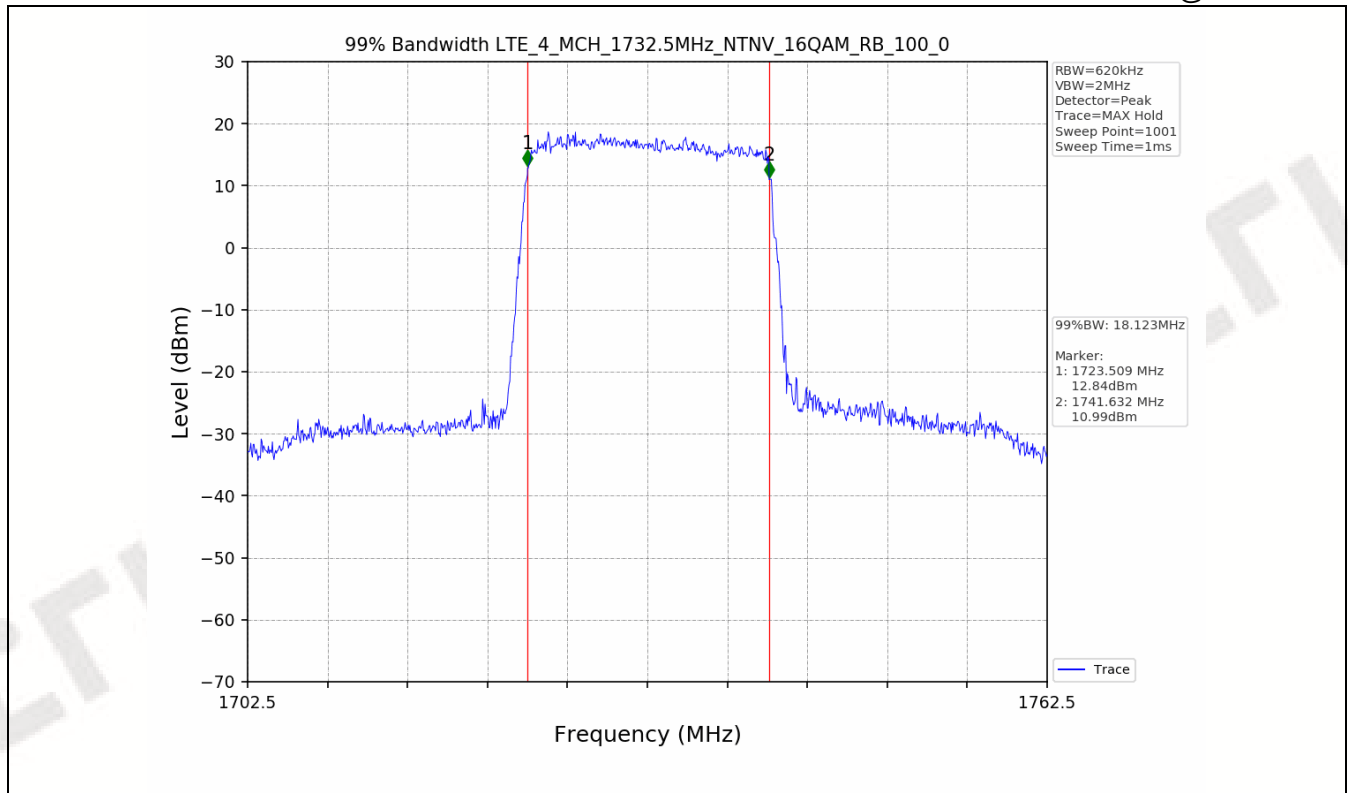


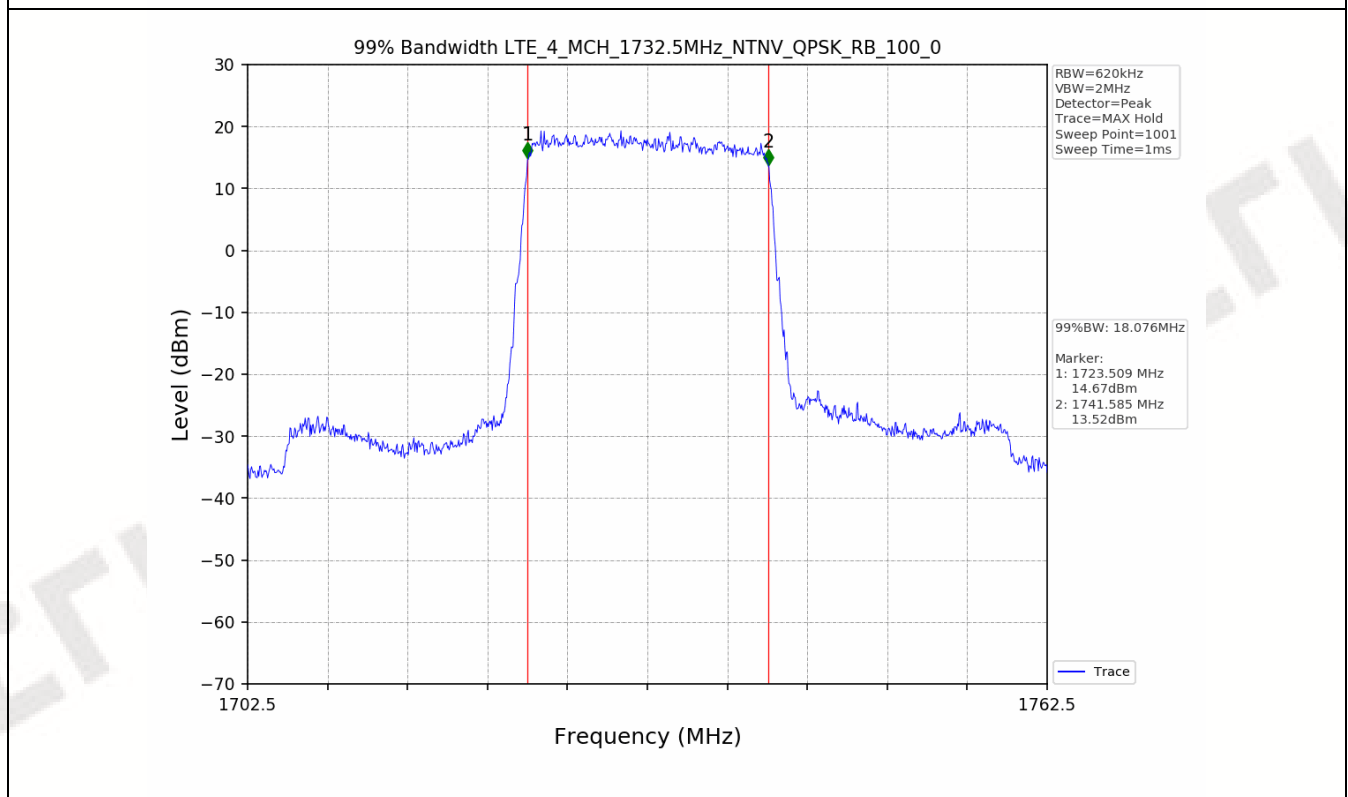
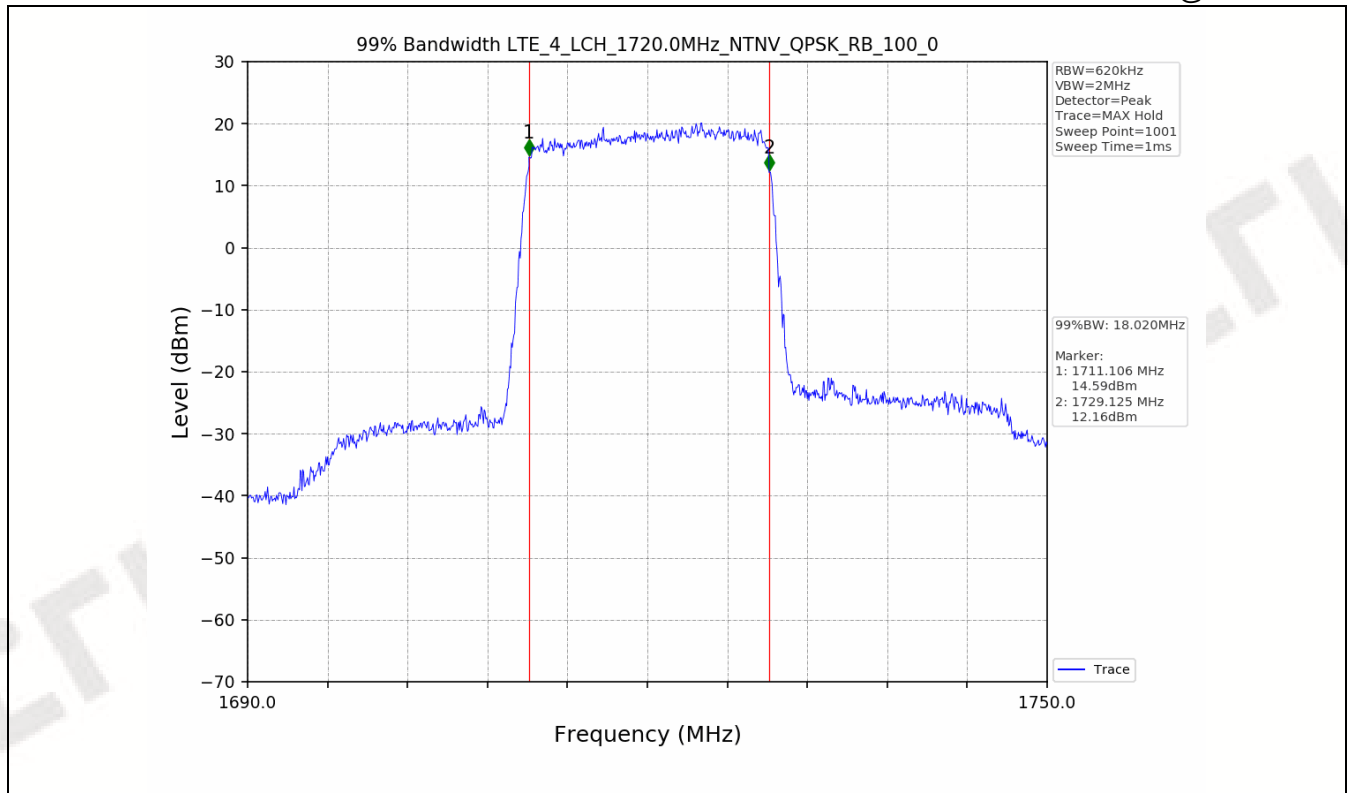


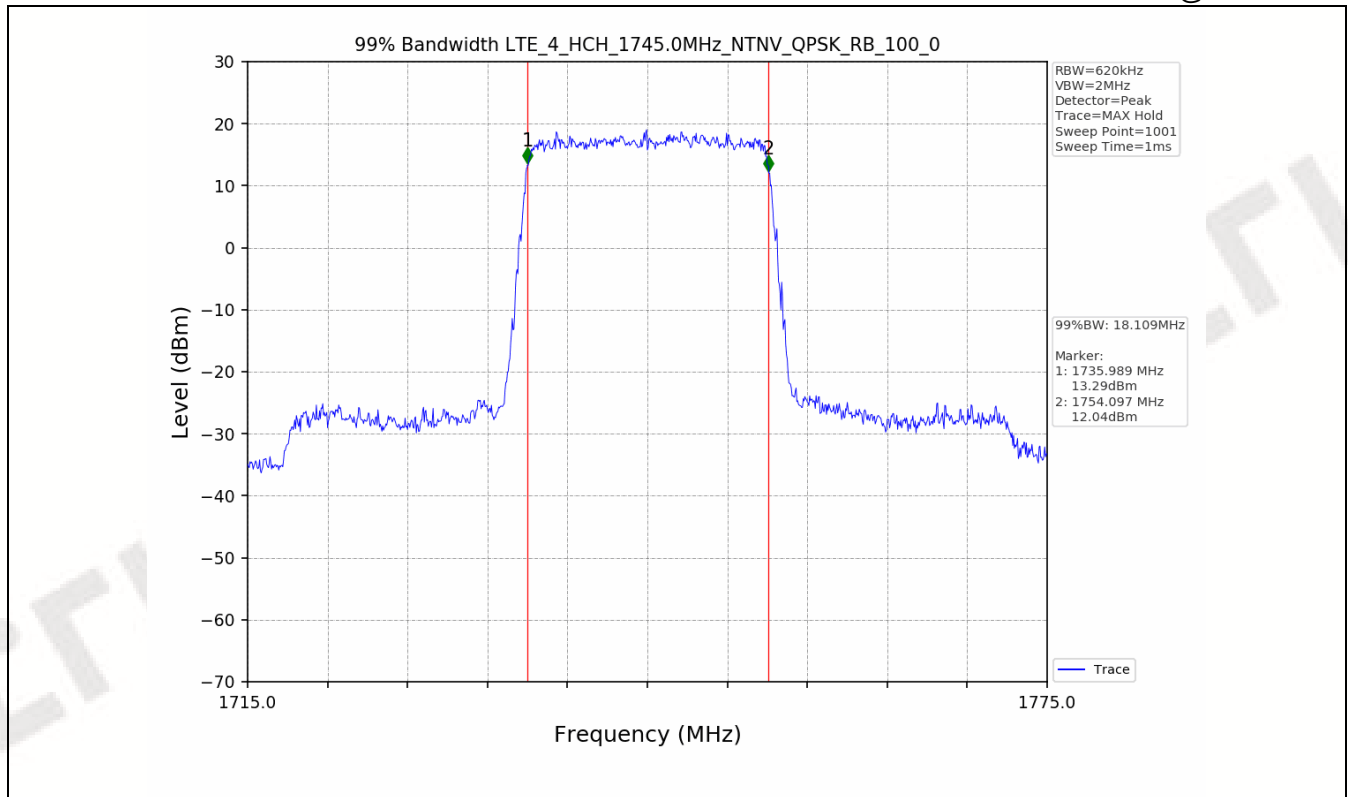
| Test Band: 4_20MHz Bandwidth |               |        |                              |        |        |       |         |
|------------------------------|---------------|--------|------------------------------|--------|--------|-------|---------|
| Test Mode                    | RB Allocation |        | 99% Occupied Bandwidth (MHz) |        |        | Limit | Verdict |
|                              | Size          | Offset | LCH                          | MCH    | HCH    |       |         |
| QPSK                         | 100           | 0      | 18.020                       | 18.076 | 18.109 | N/A   | PASS    |
| 16QAM                        | 100           | 0      | 18.042                       | 18.123 | 18.065 | N/A   | PASS    |

## 4.2 Test Graph





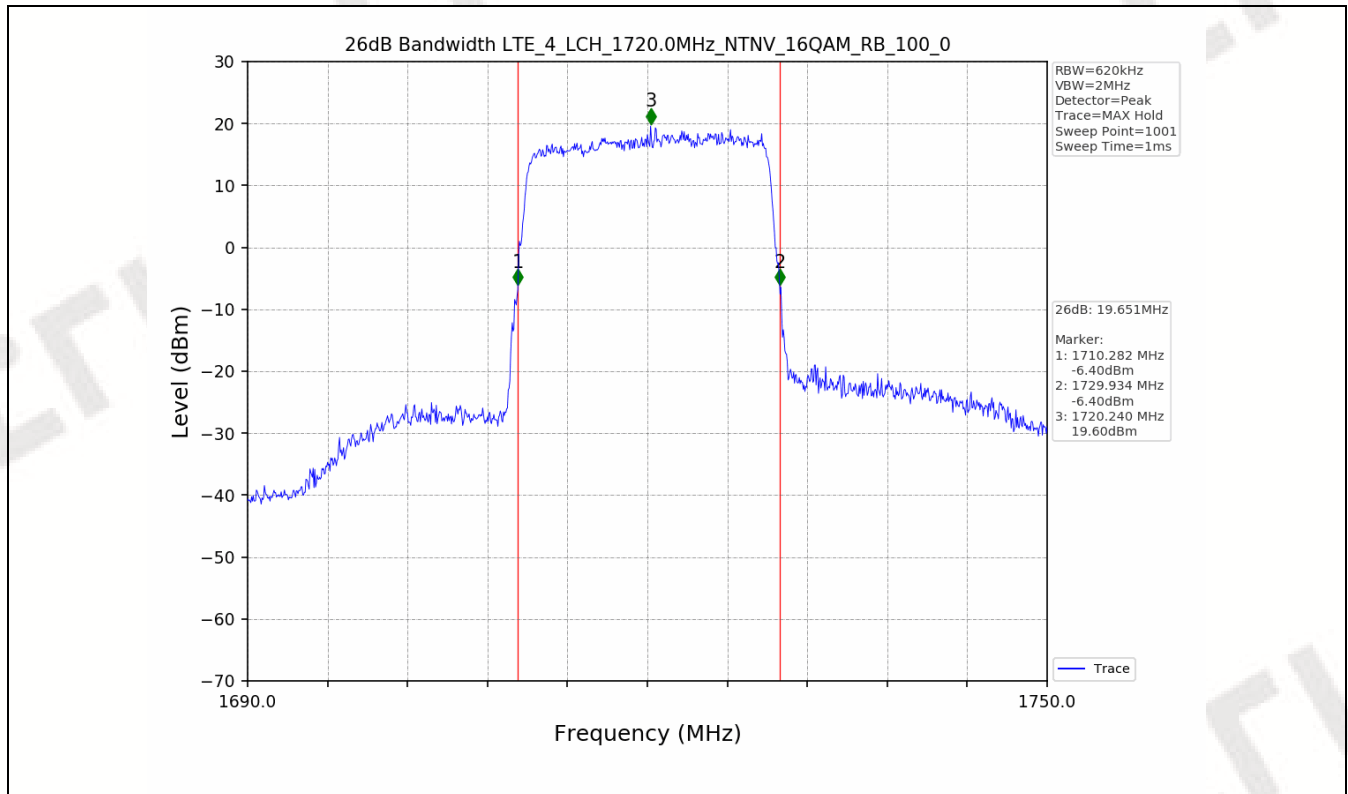


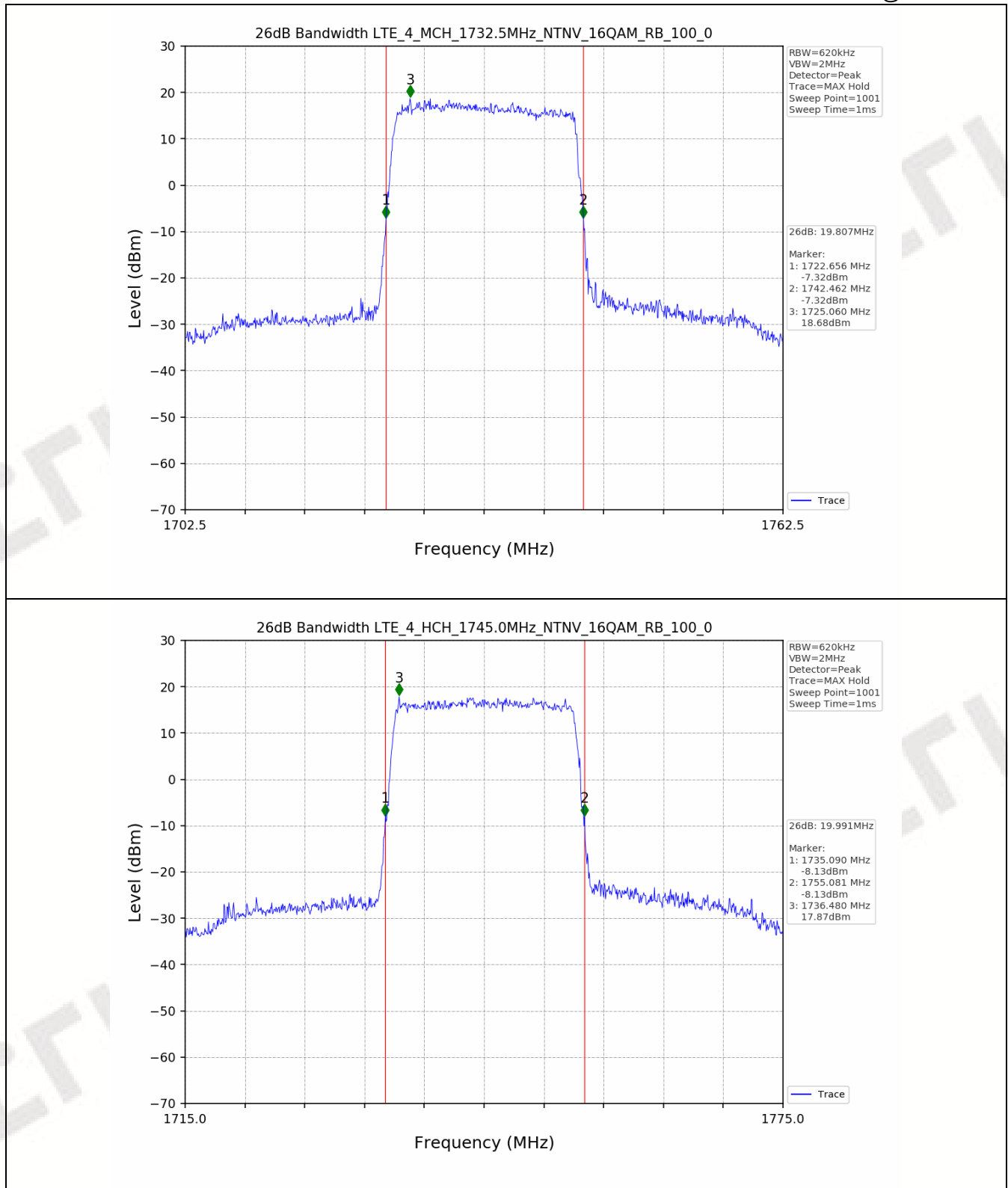


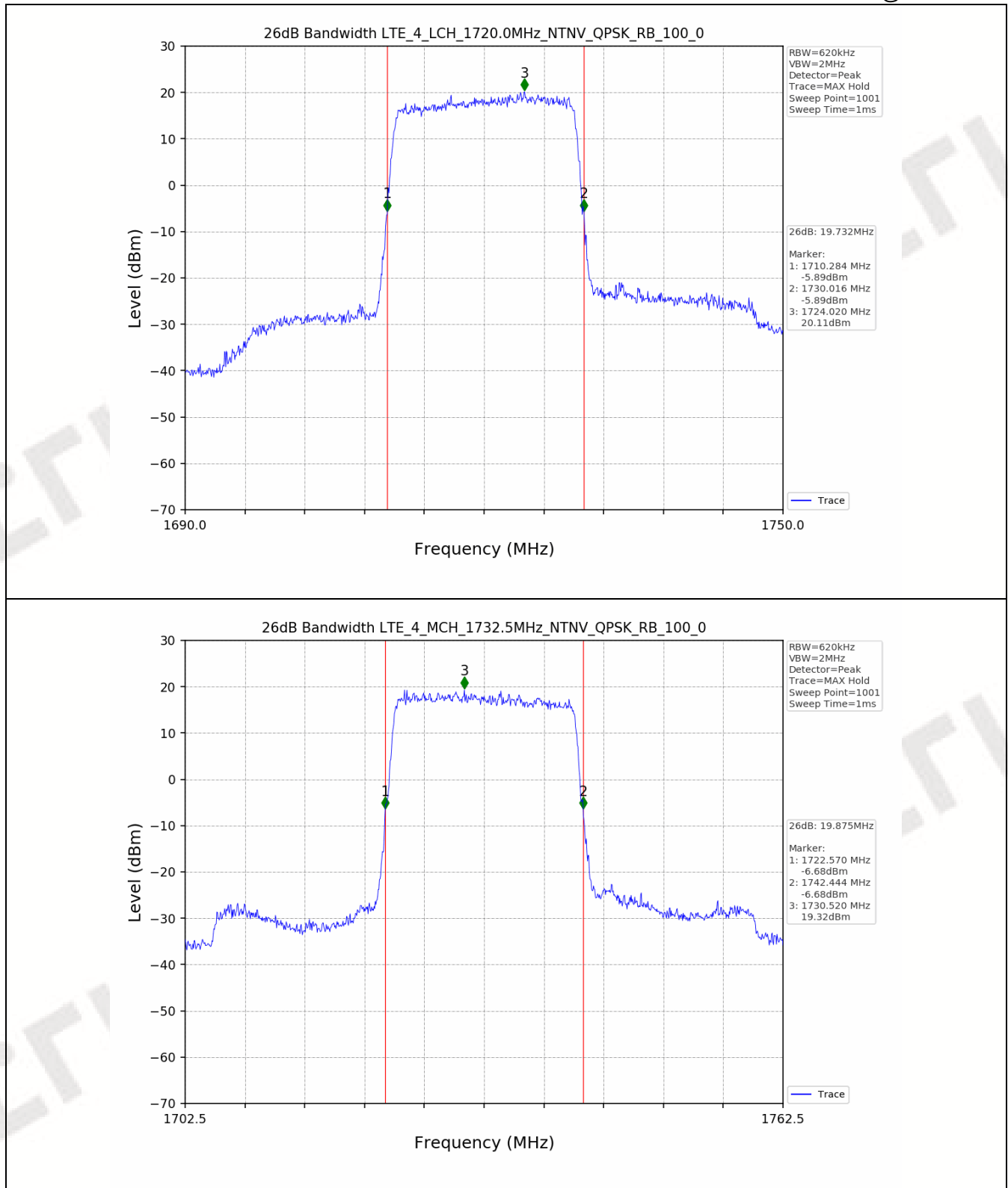


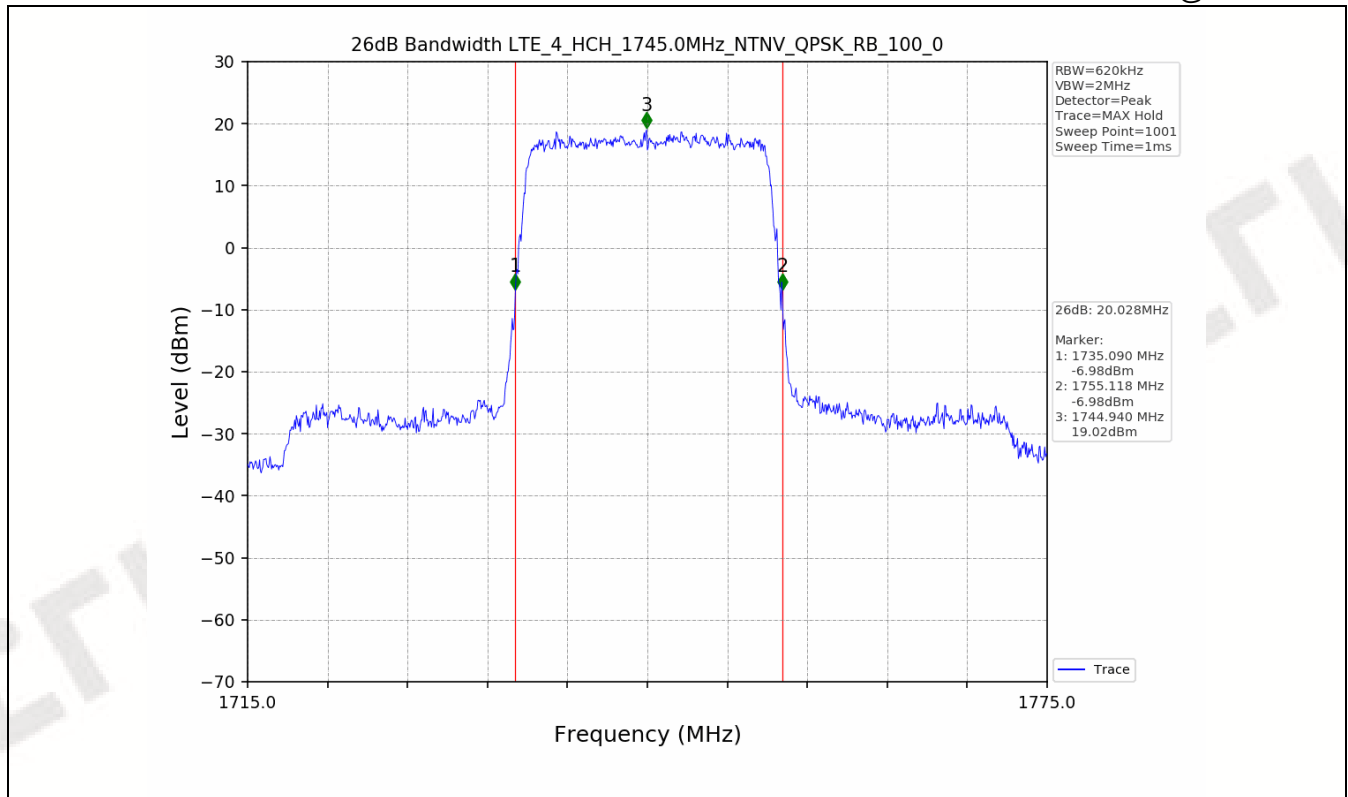
| Test Band: 4_20MHz Bandwidth |               |        |                      |        |        |       |         |
|------------------------------|---------------|--------|----------------------|--------|--------|-------|---------|
| Test Mode                    | RB Allocation |        | 26dB Bandwidth (MHz) |        |        | Limit | Verdict |
|                              | Size          | Offset | LCH                  | MCH    | HCH    |       |         |
| QPSK                         | 100           | 0      | 19.732               | 19.875 | 20.028 | N/A   | PASS    |
| 16QAM                        | 100           | 0      | 19.651               | 19.807 | 19.991 | N/A   | PASS    |

## 4.2 Test Graph









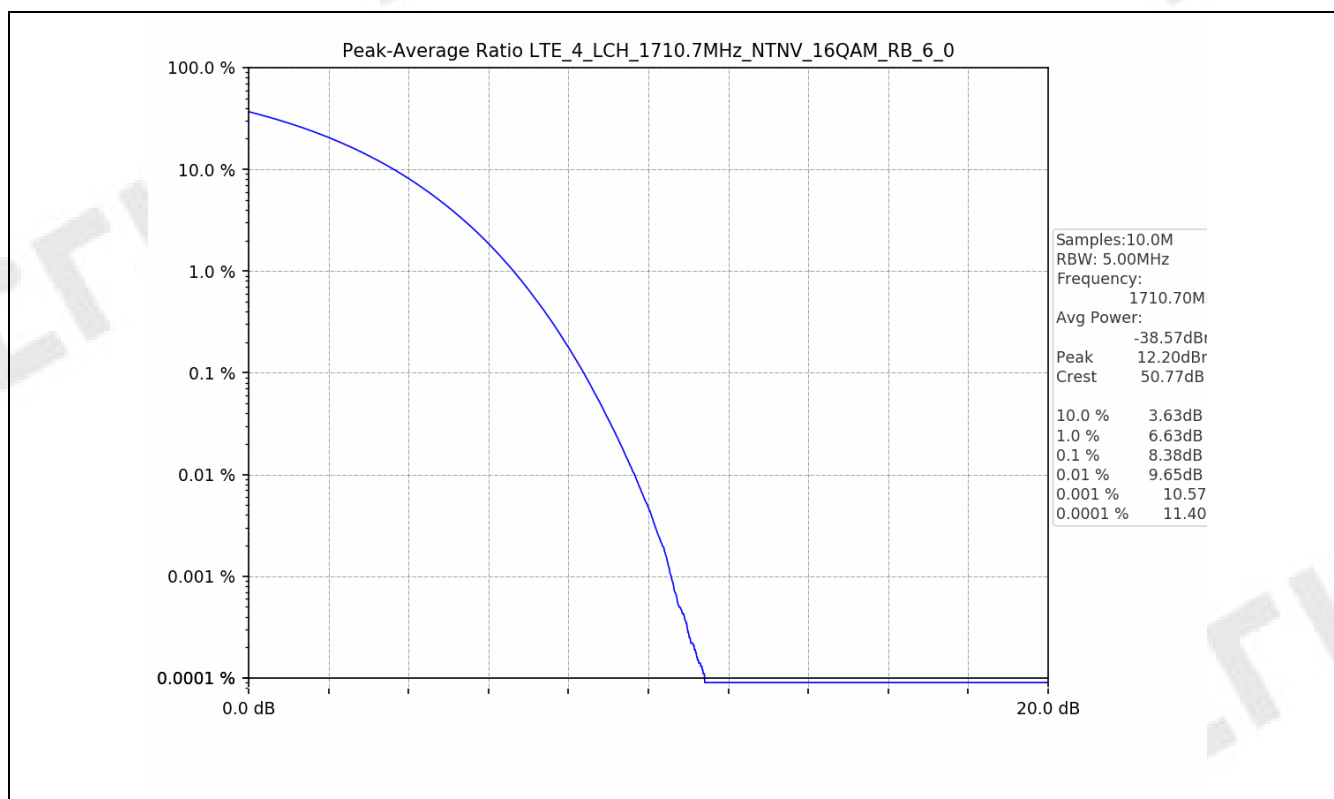


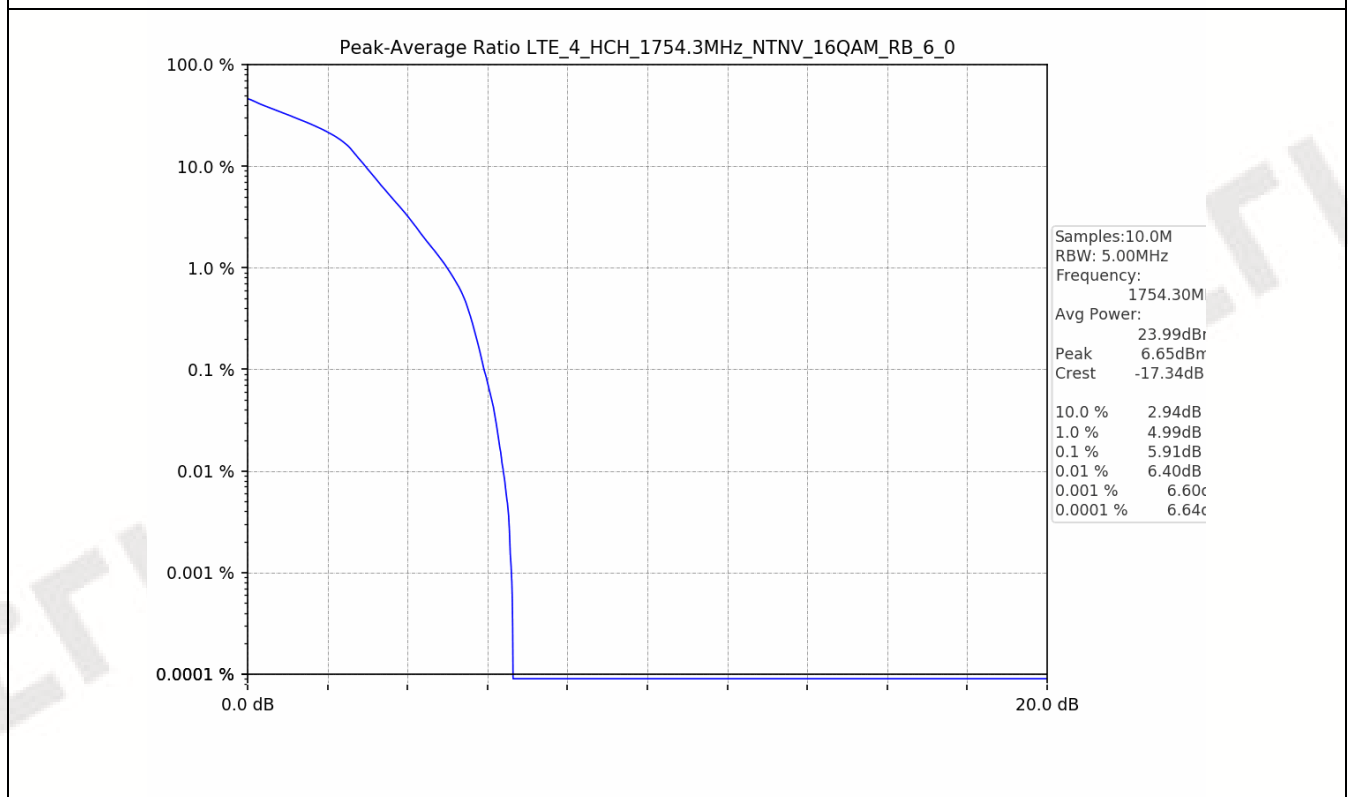
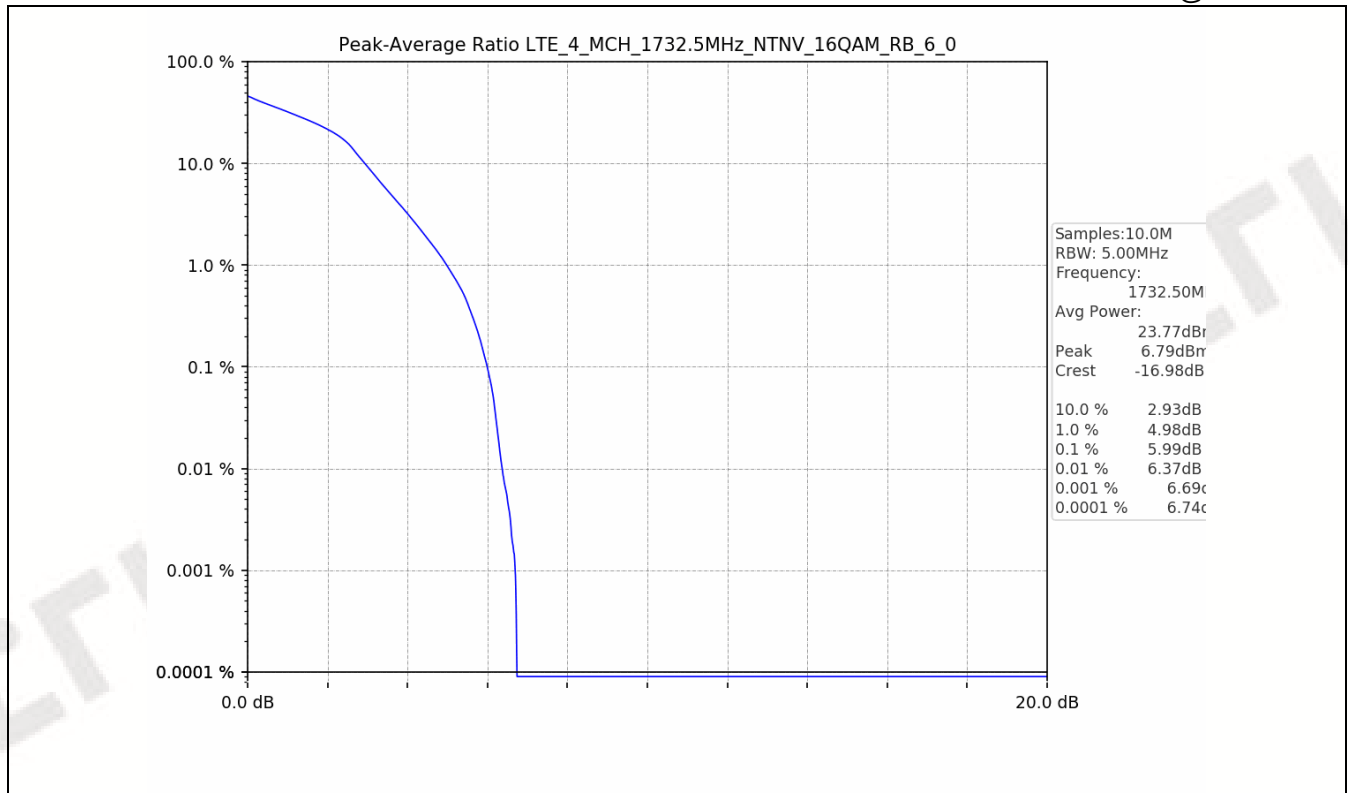
## 5. Peak-Average Ratio

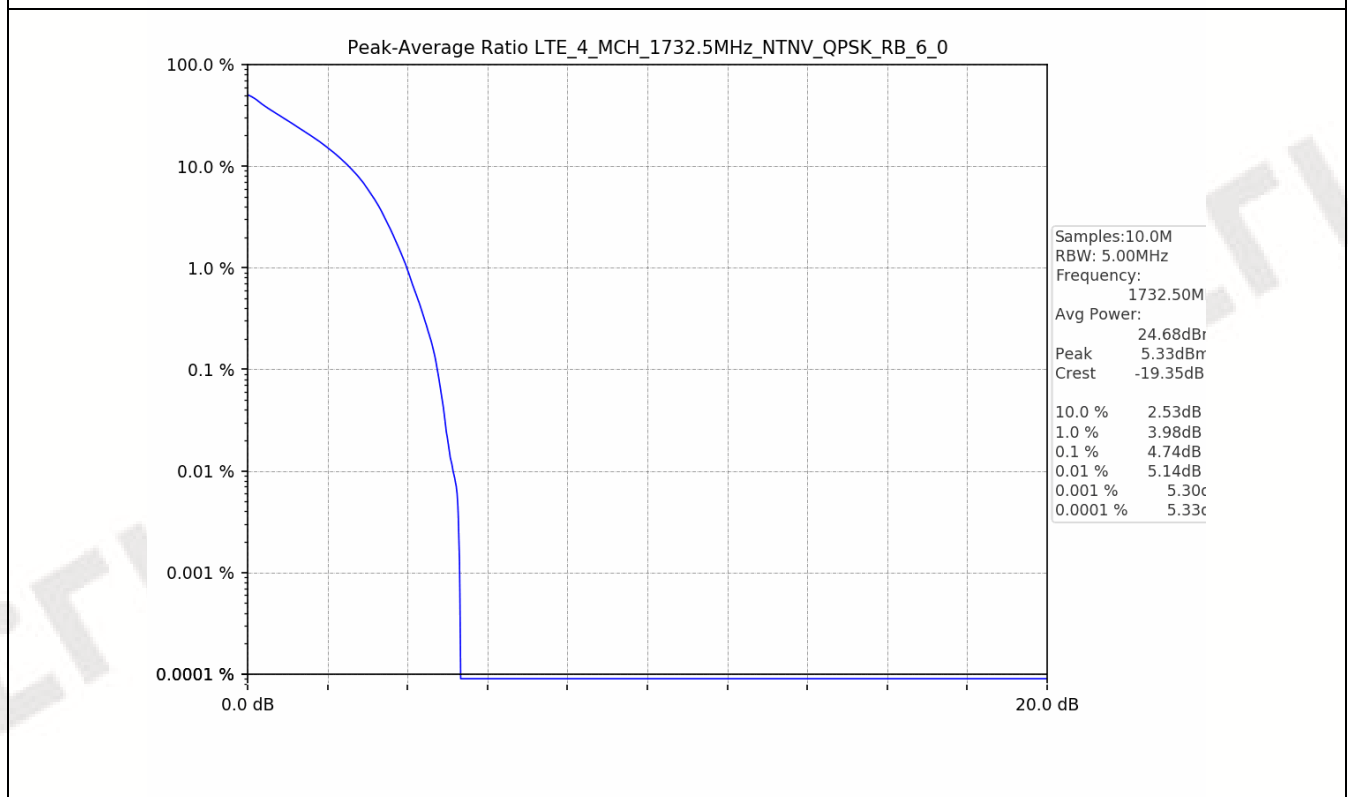
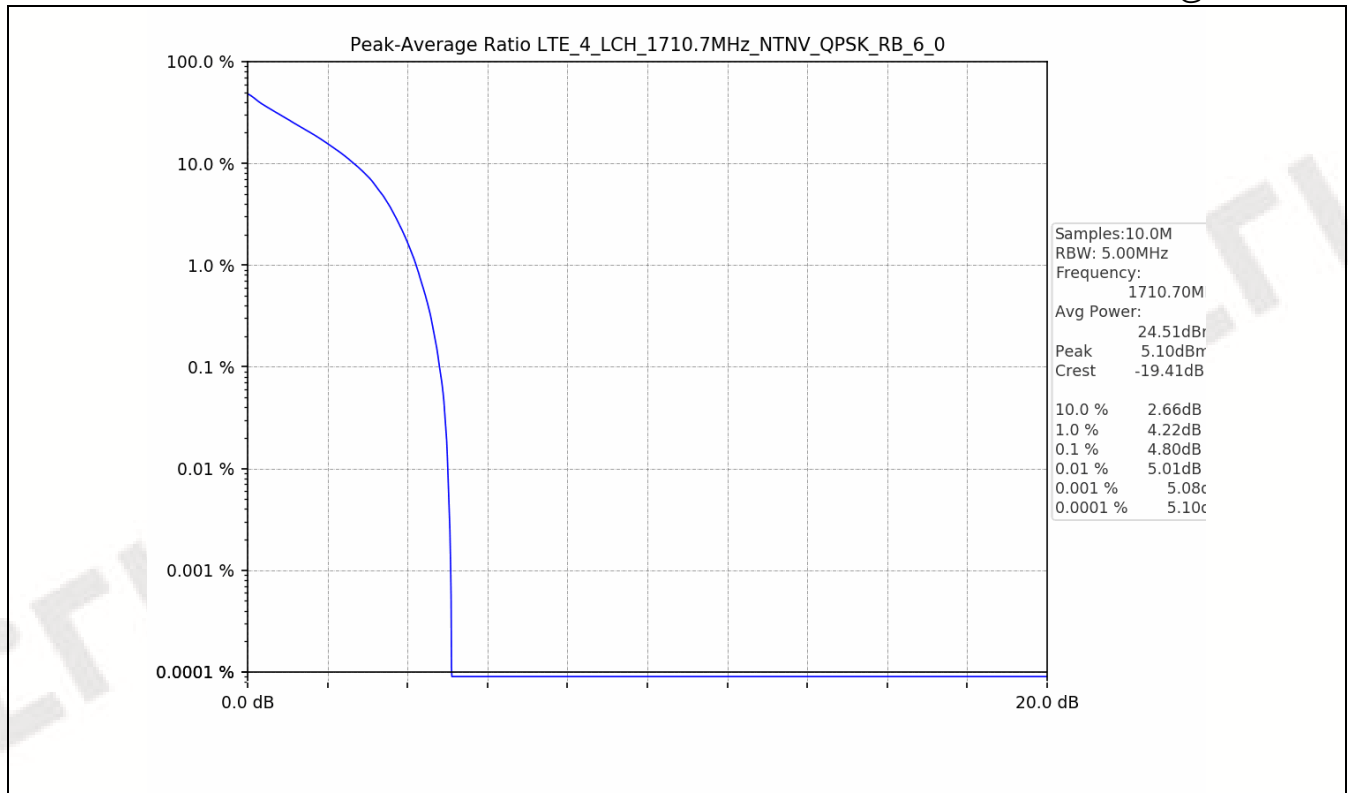
### 5.1 Test Result

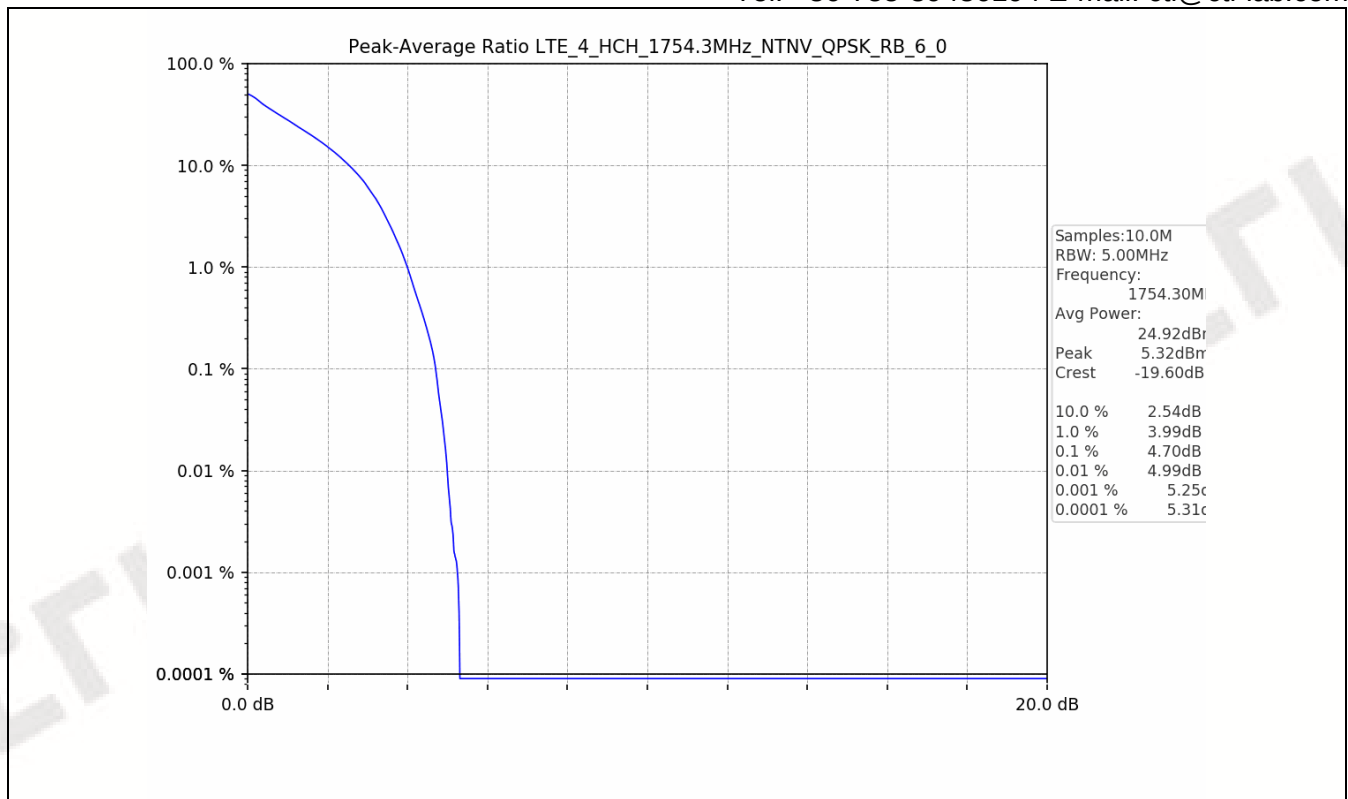
| Test Band: 4_1.4MHz Bandwidth |               |        |                  |      |      |            |         |
|-------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                     | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                               | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| QPSK                          | 6             | 0      | 4.80             | 4.74 | 4.70 | 13         | PASS    |
| 16QAM                         | 6             | 0      | 8.38             | 5.99 | 5.91 | 13         | PASS    |

### 5.2 Test Graph





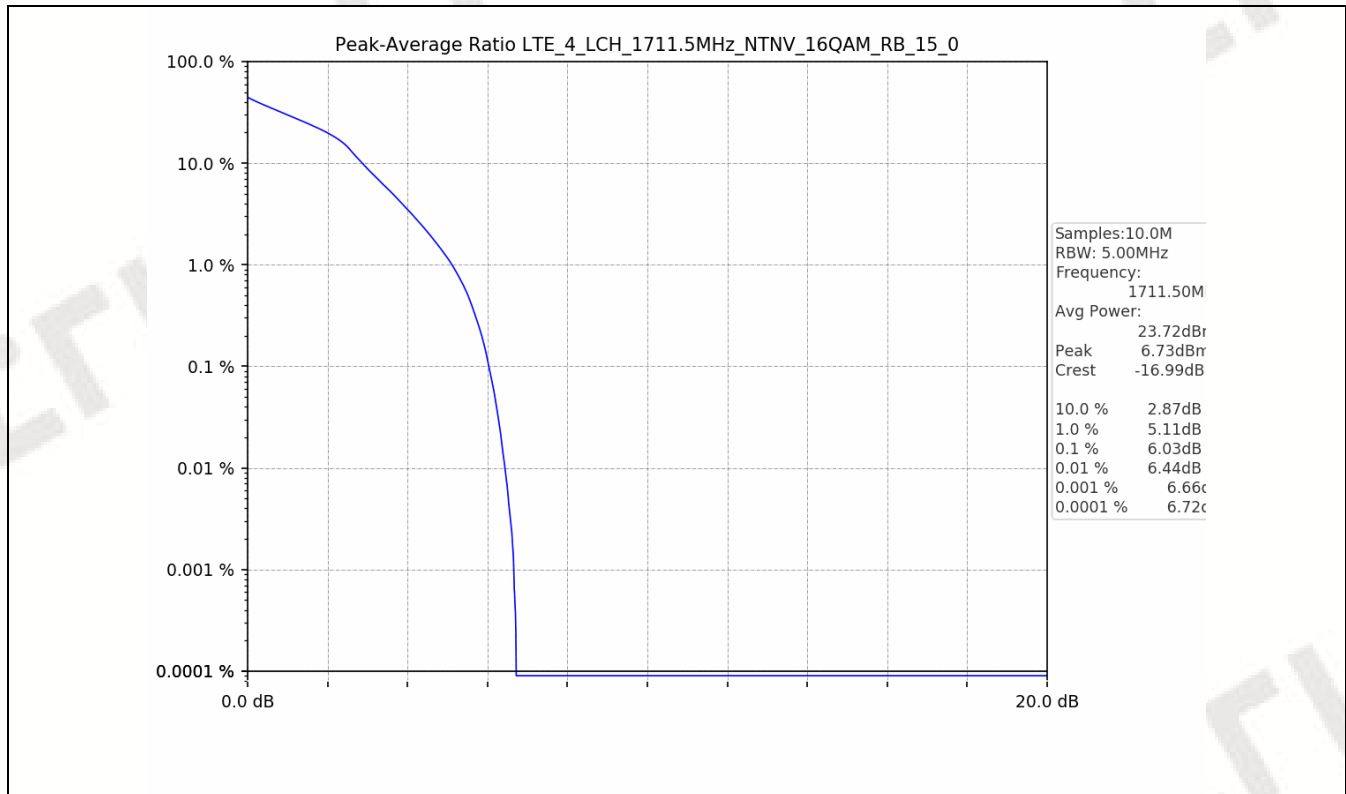


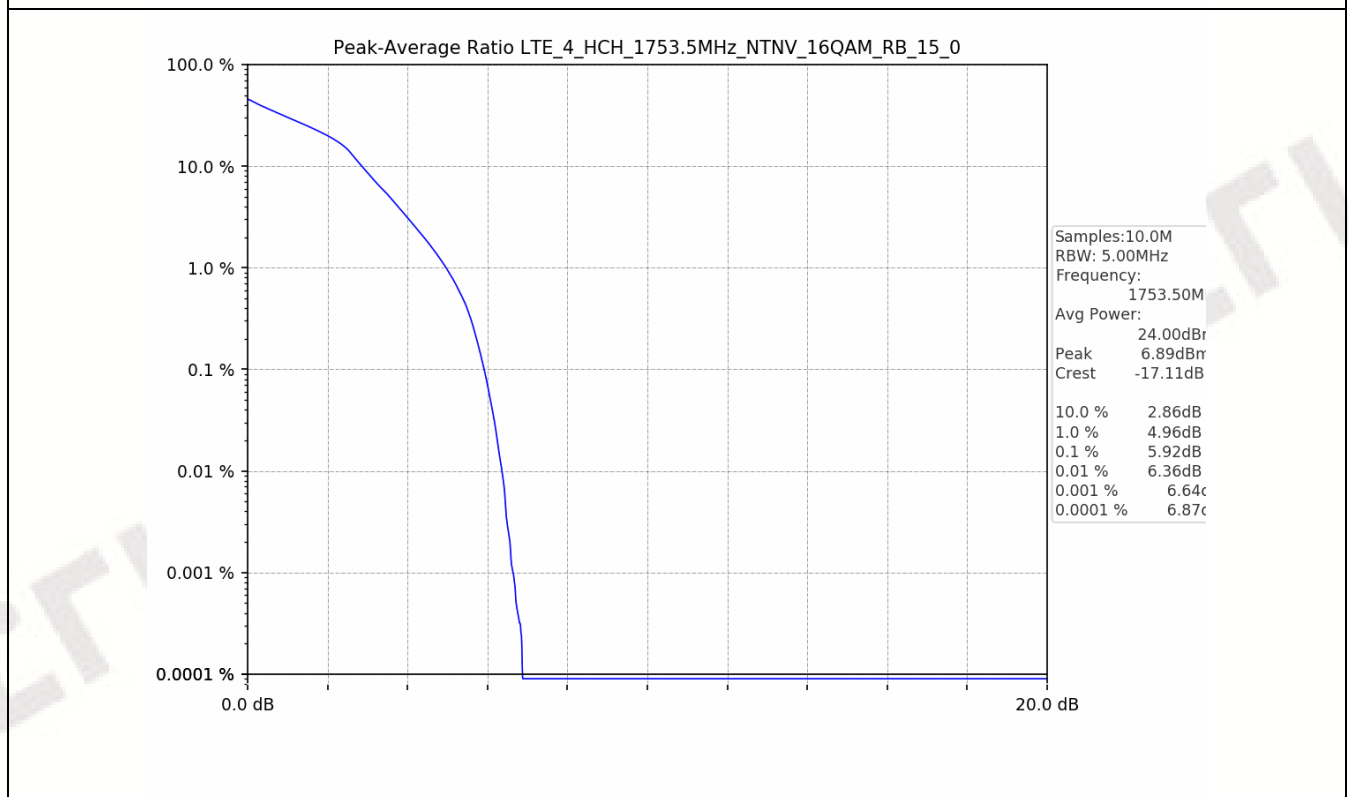
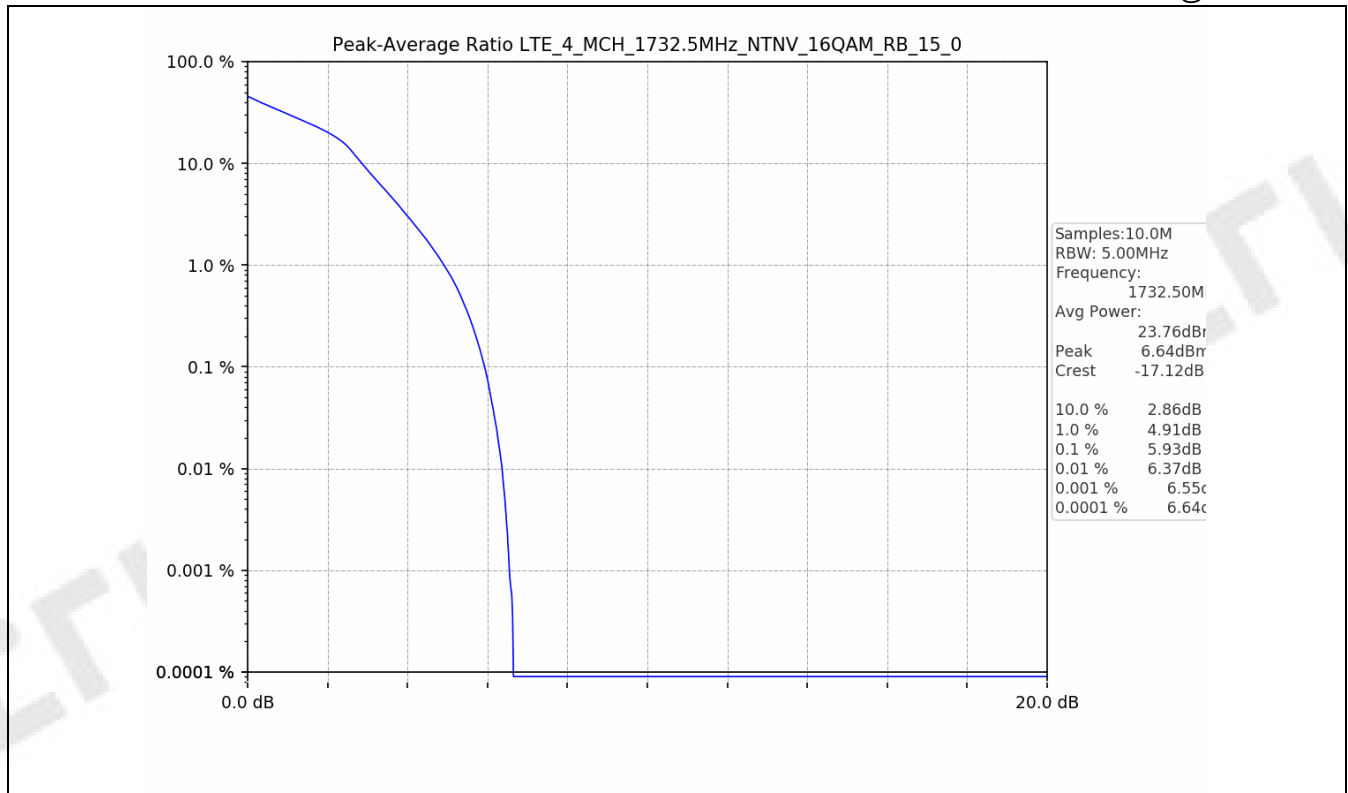


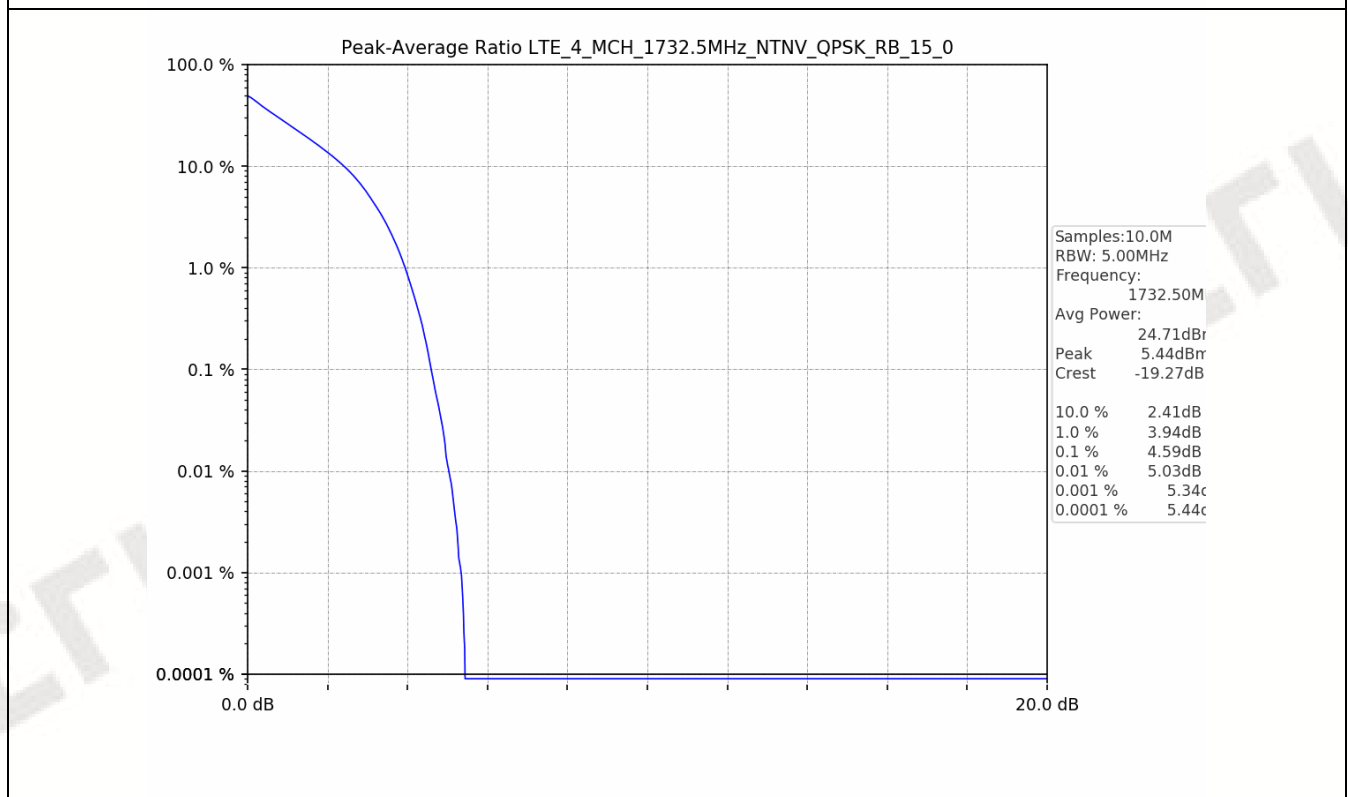
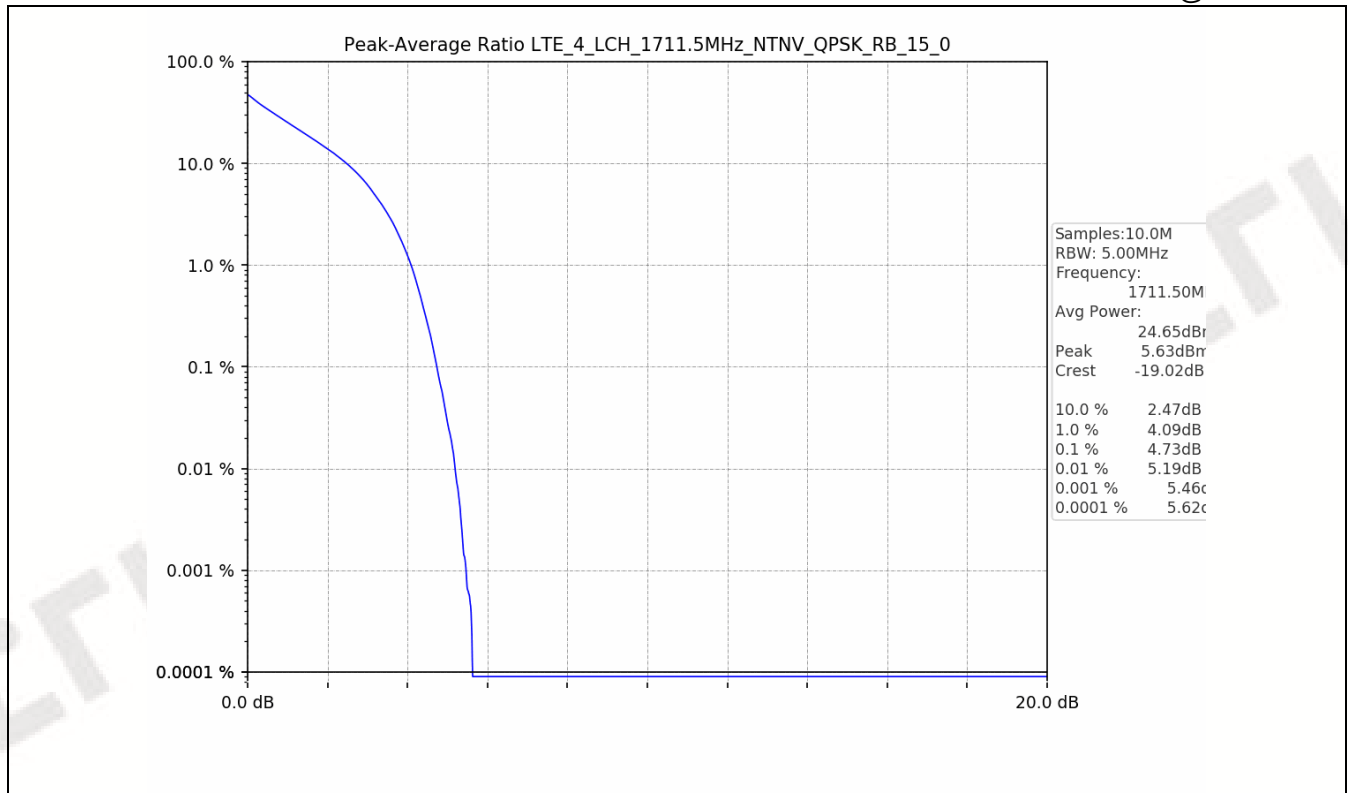


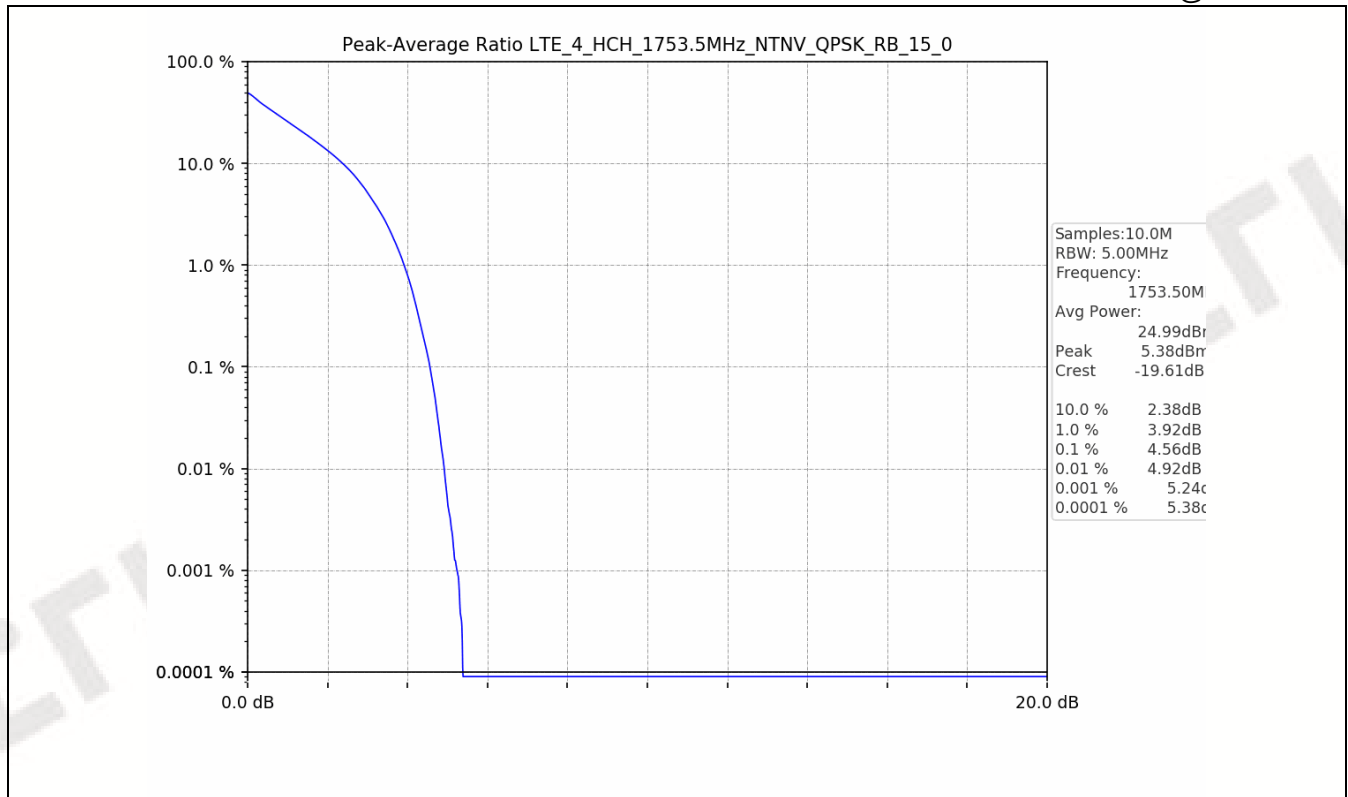
| Test Band: 4 3MHz Bandwidth |               |        |                  |      |      |            |         |
|-----------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                   | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                             | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| QPSK                        | 15            | 0      | 4.73             | 4.59 | 4.56 | 13         | PASS    |
| 16QAM                       | 15            | 0      | 6.03             | 5.93 | 5.92 | 13         | PASS    |

## 5.2 Test Graph





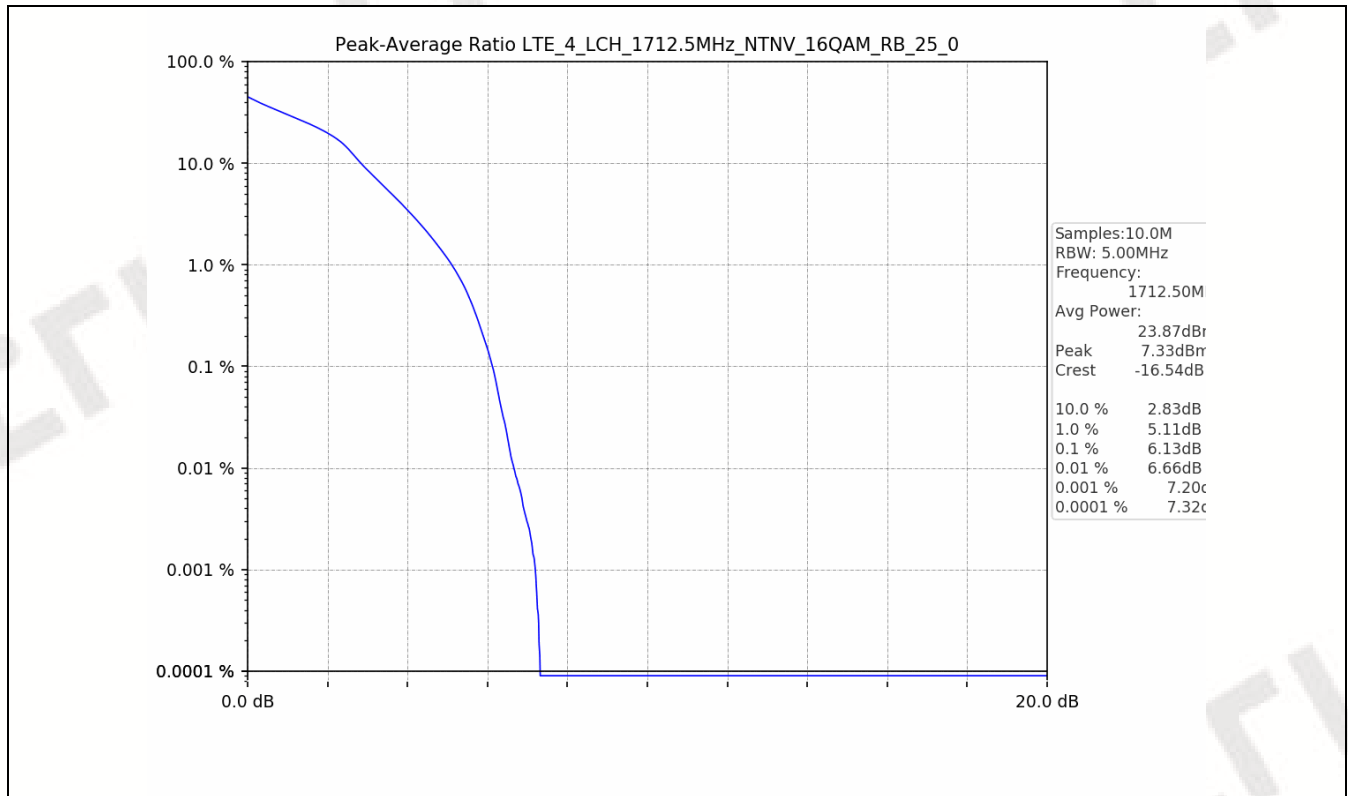


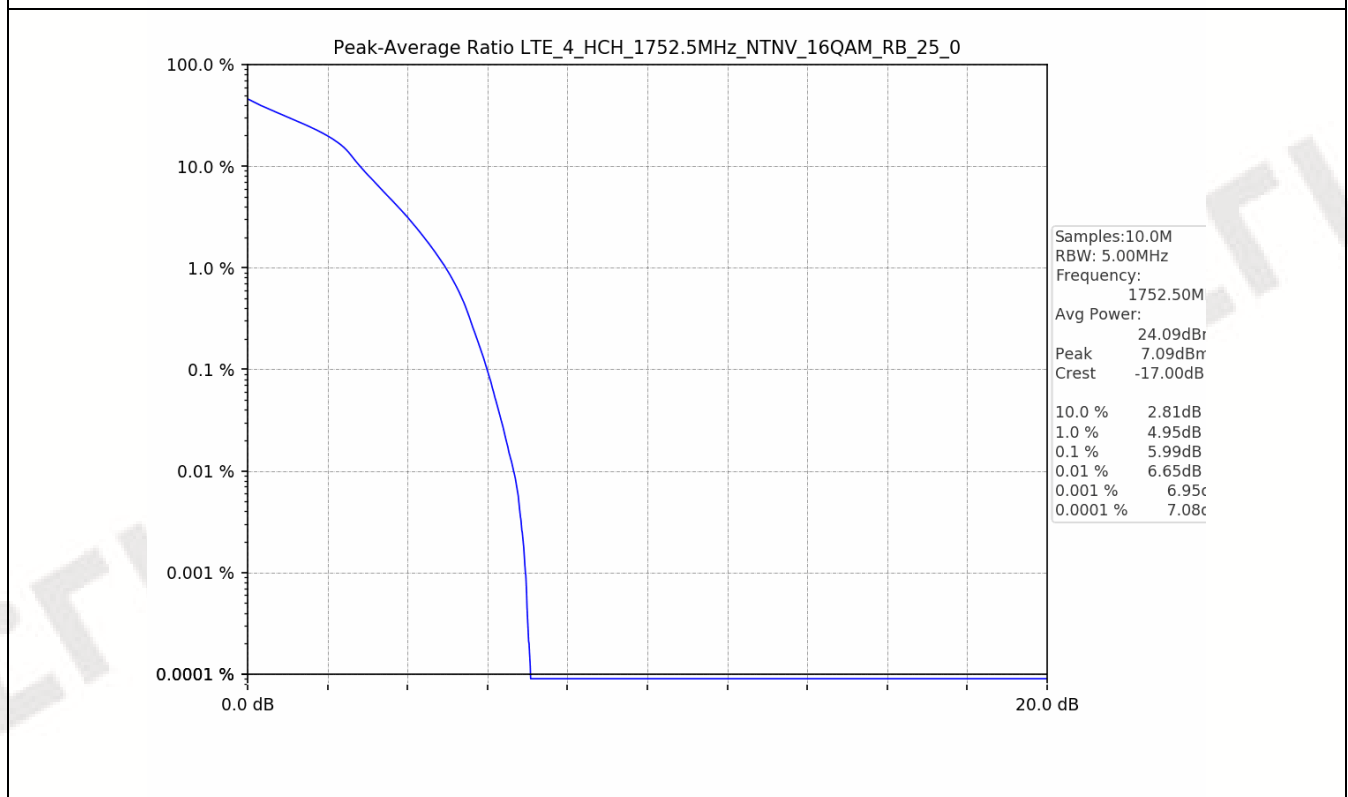
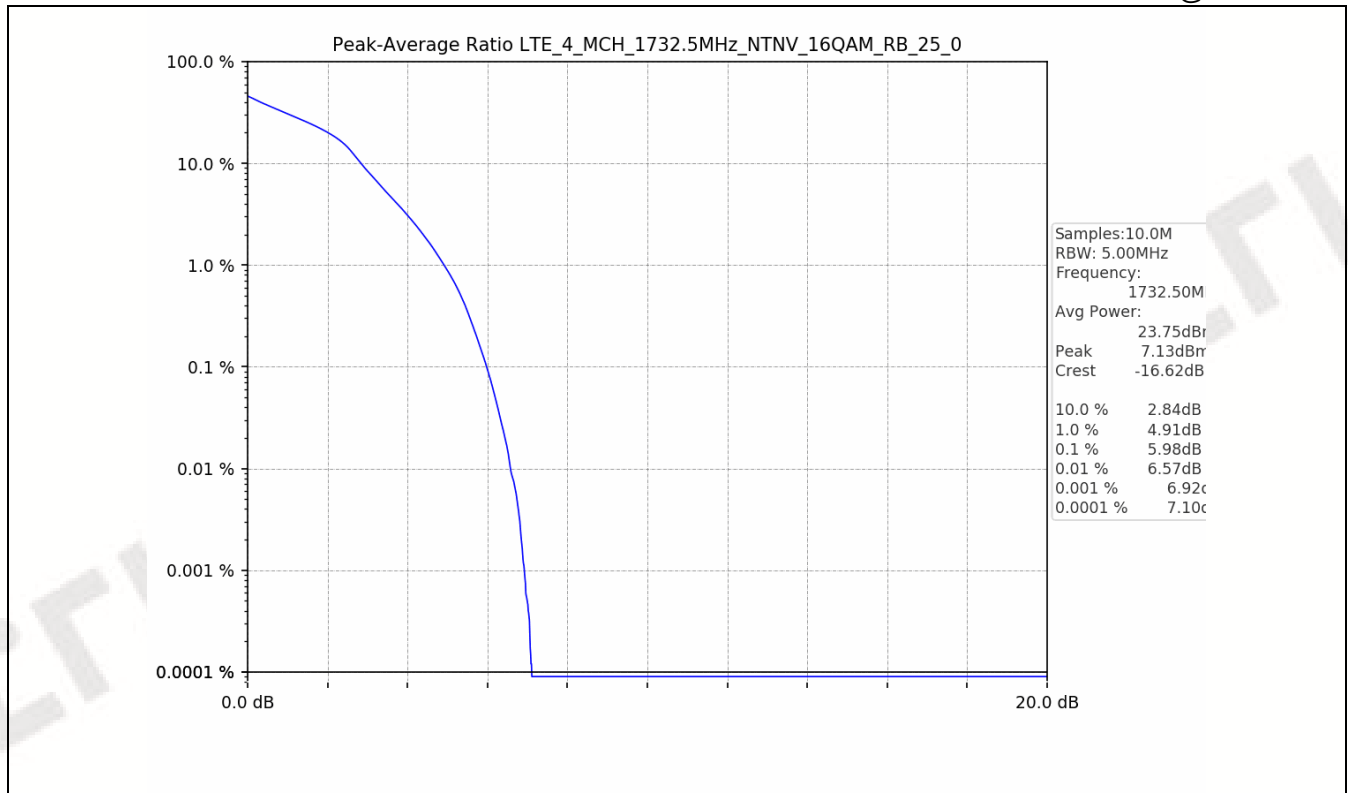


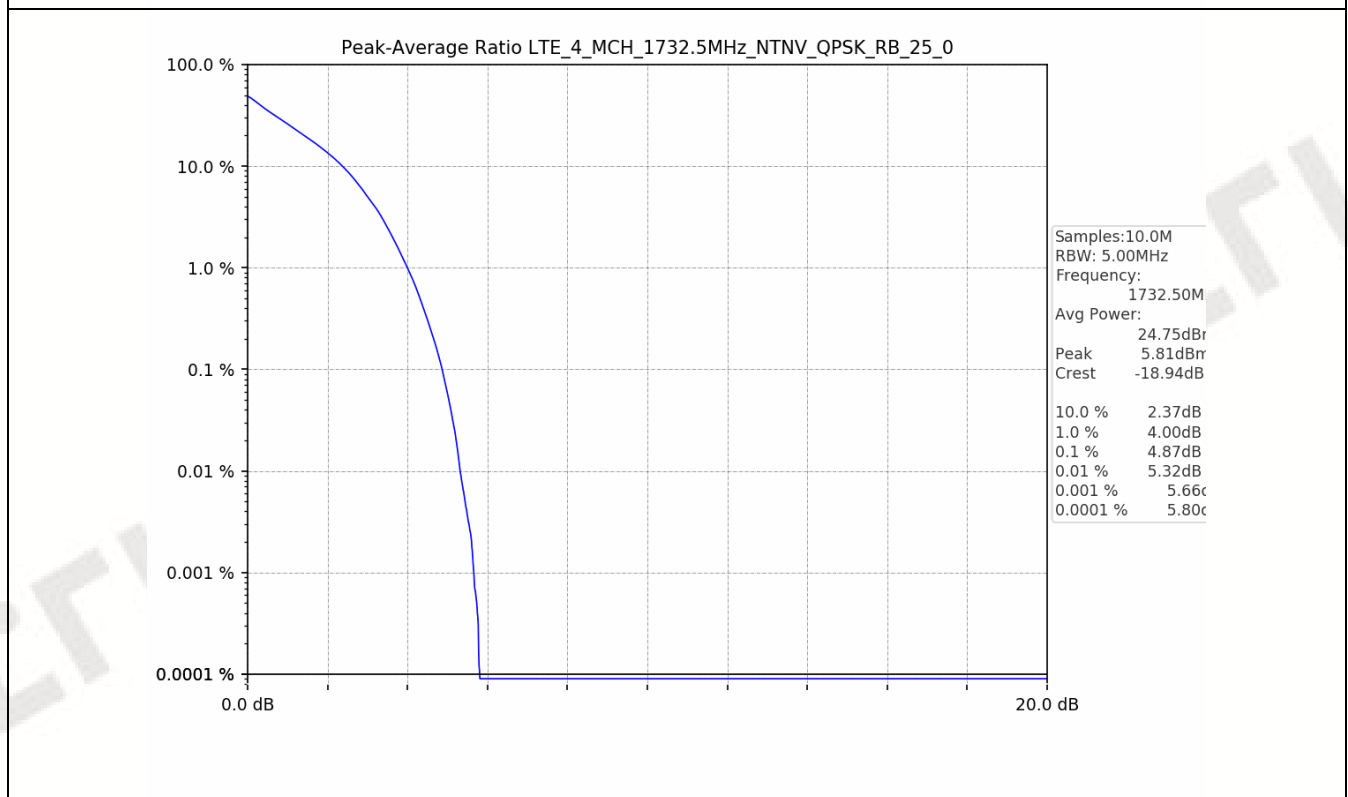
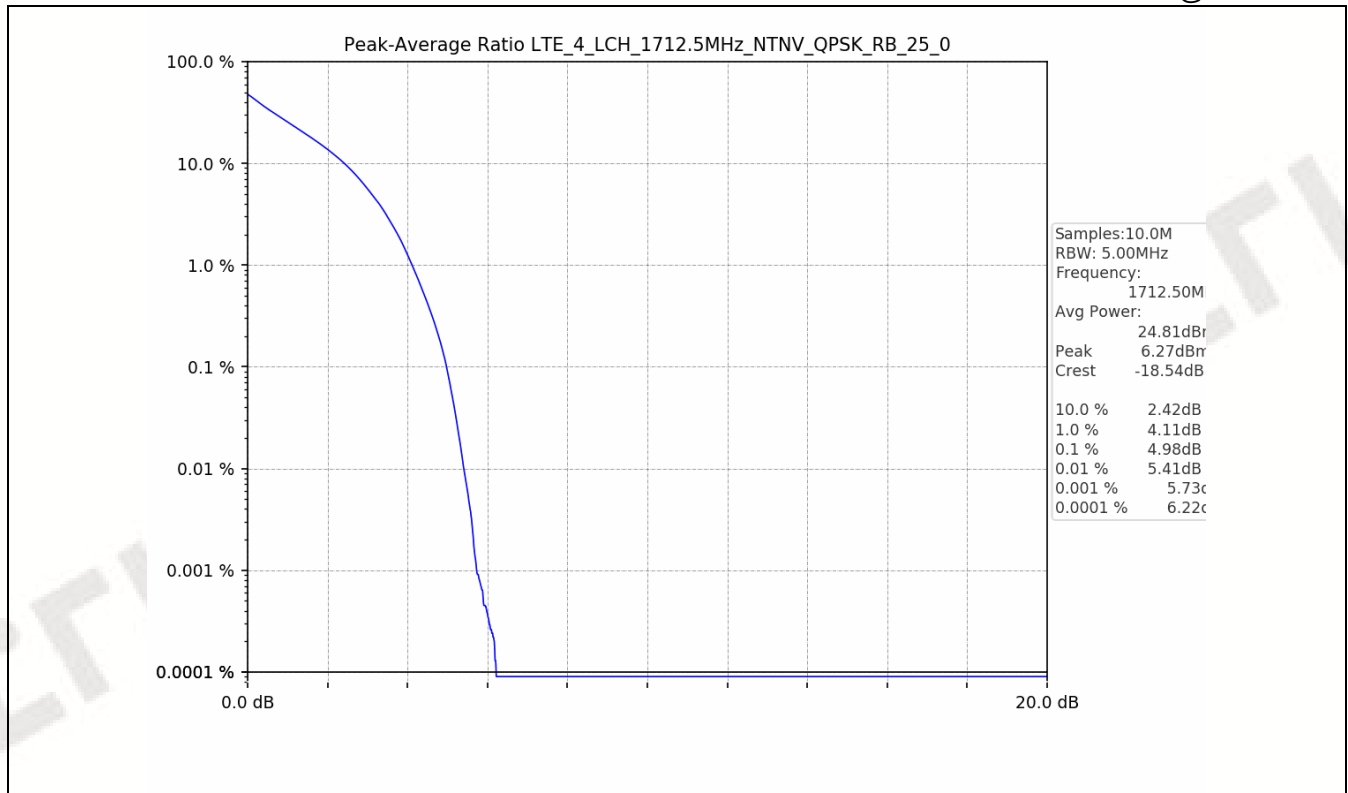


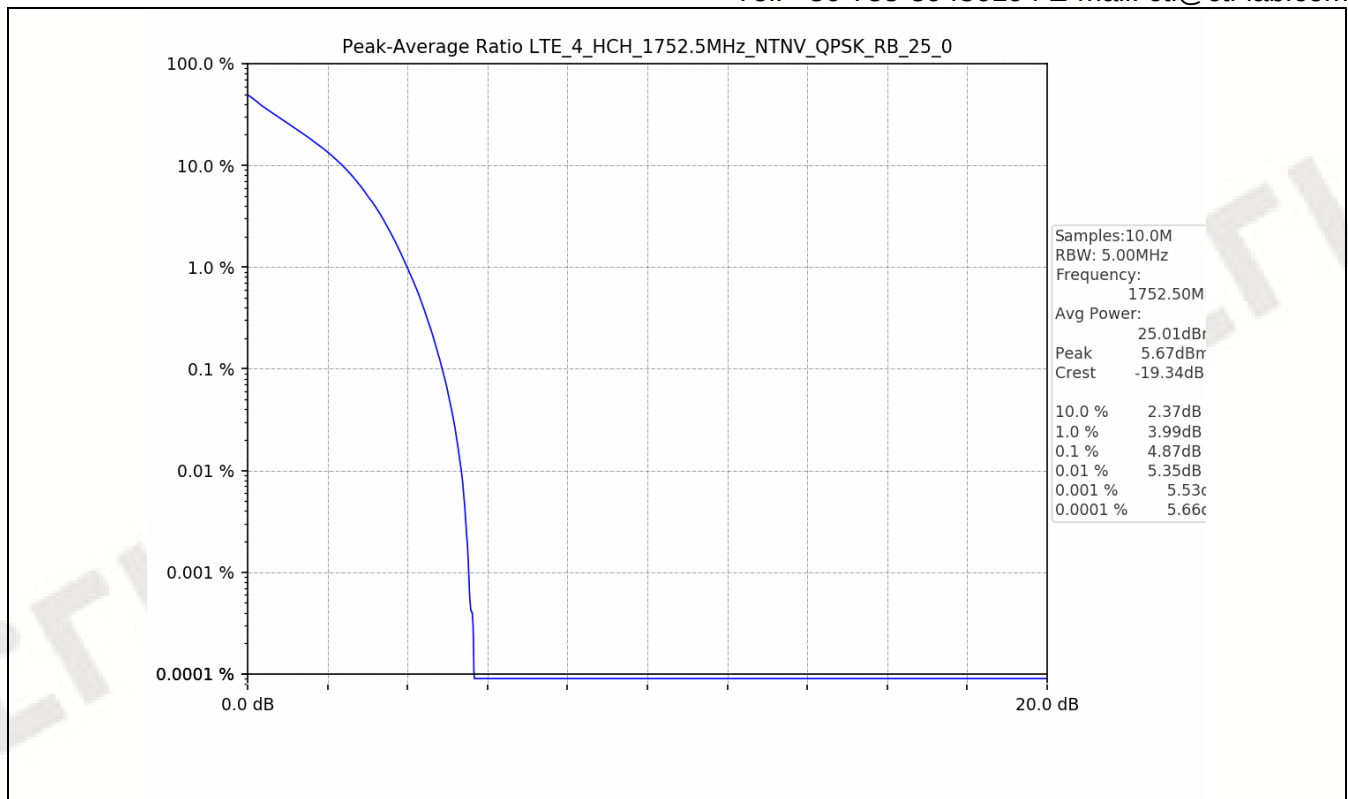
| Test Band: 4 5MHz Bandwidth |               |        |                  |      |      |            |         |
|-----------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                   | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                             | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| QPSK                        | 25            | 0      | 4.98             | 4.87 | 4.87 | 13         | PASS    |
| 16QAM                       | 25            | 0      | 6.13             | 5.98 | 5.99 | 13         | PASS    |

## 5.2 Test Graph





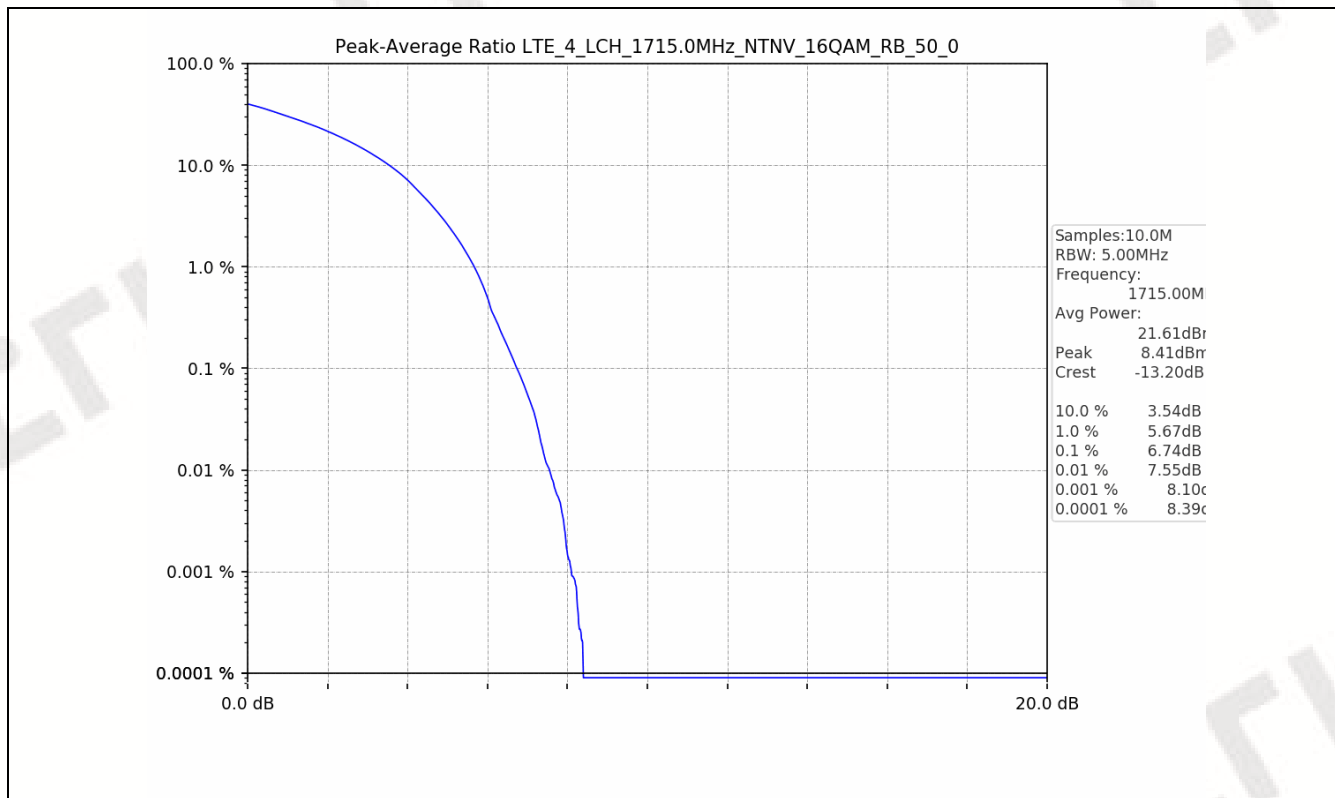


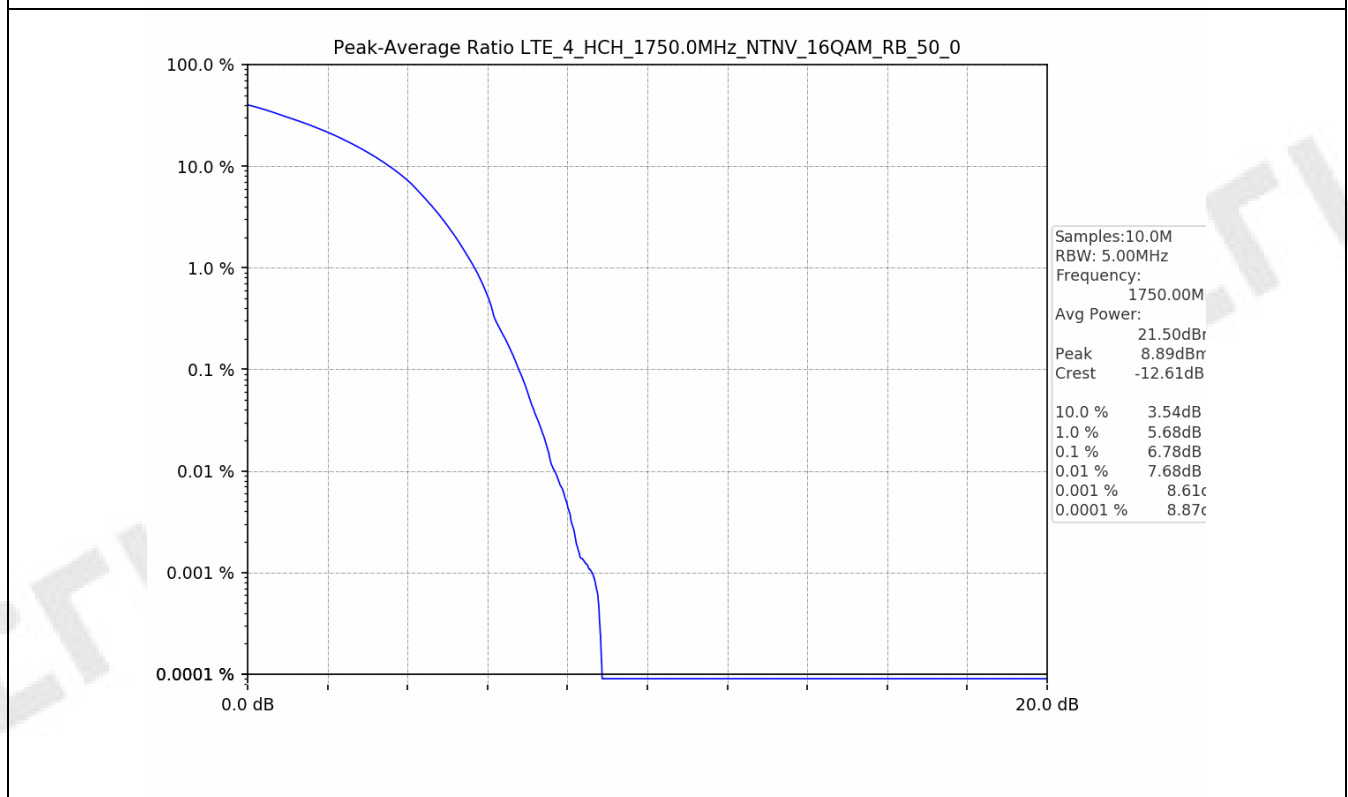
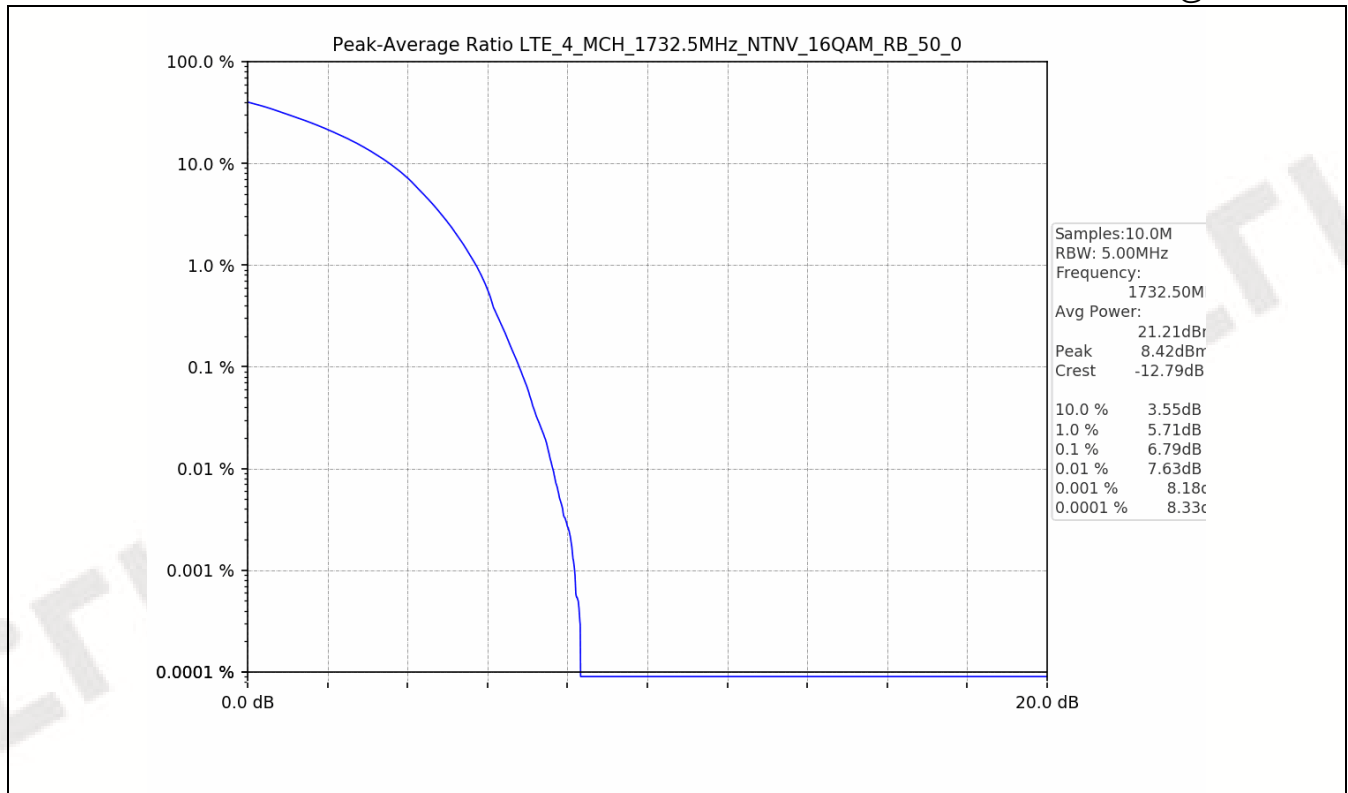


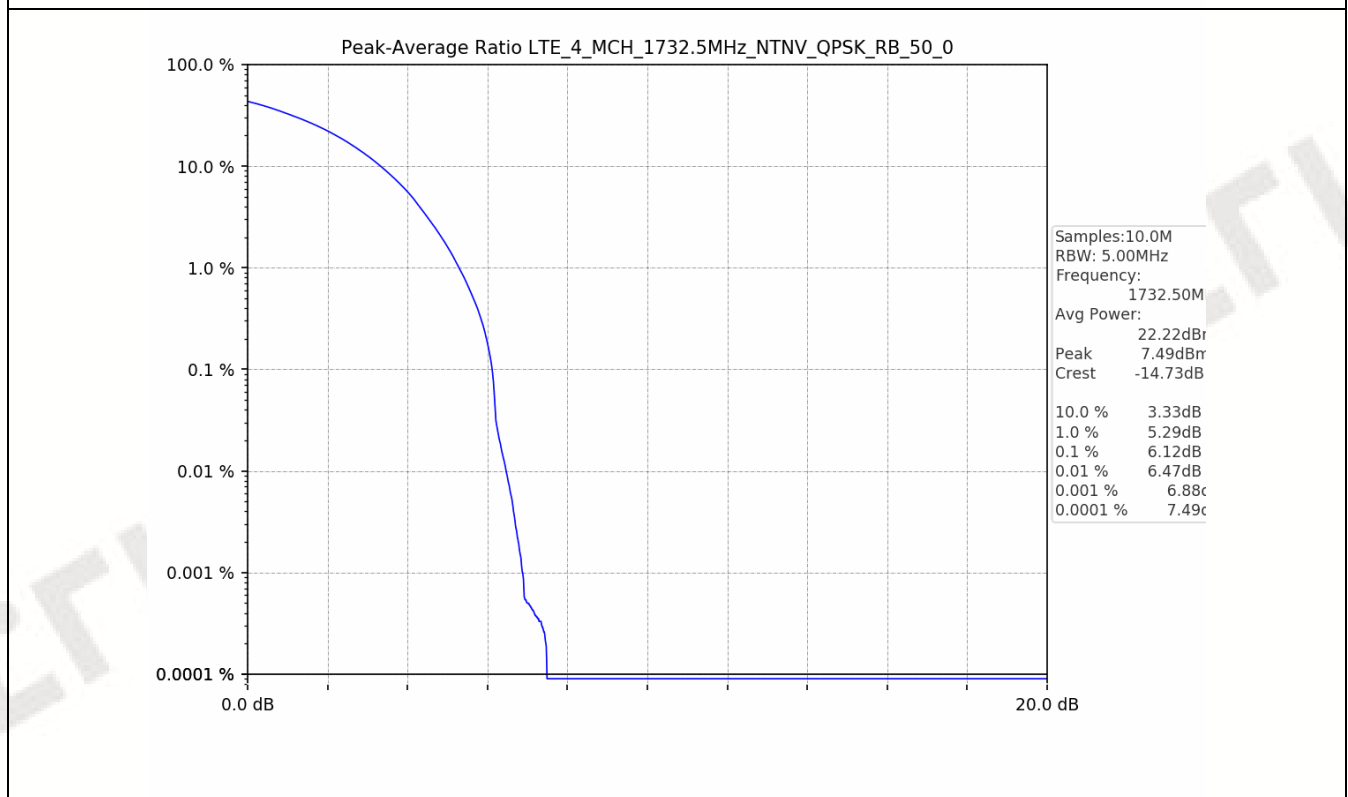
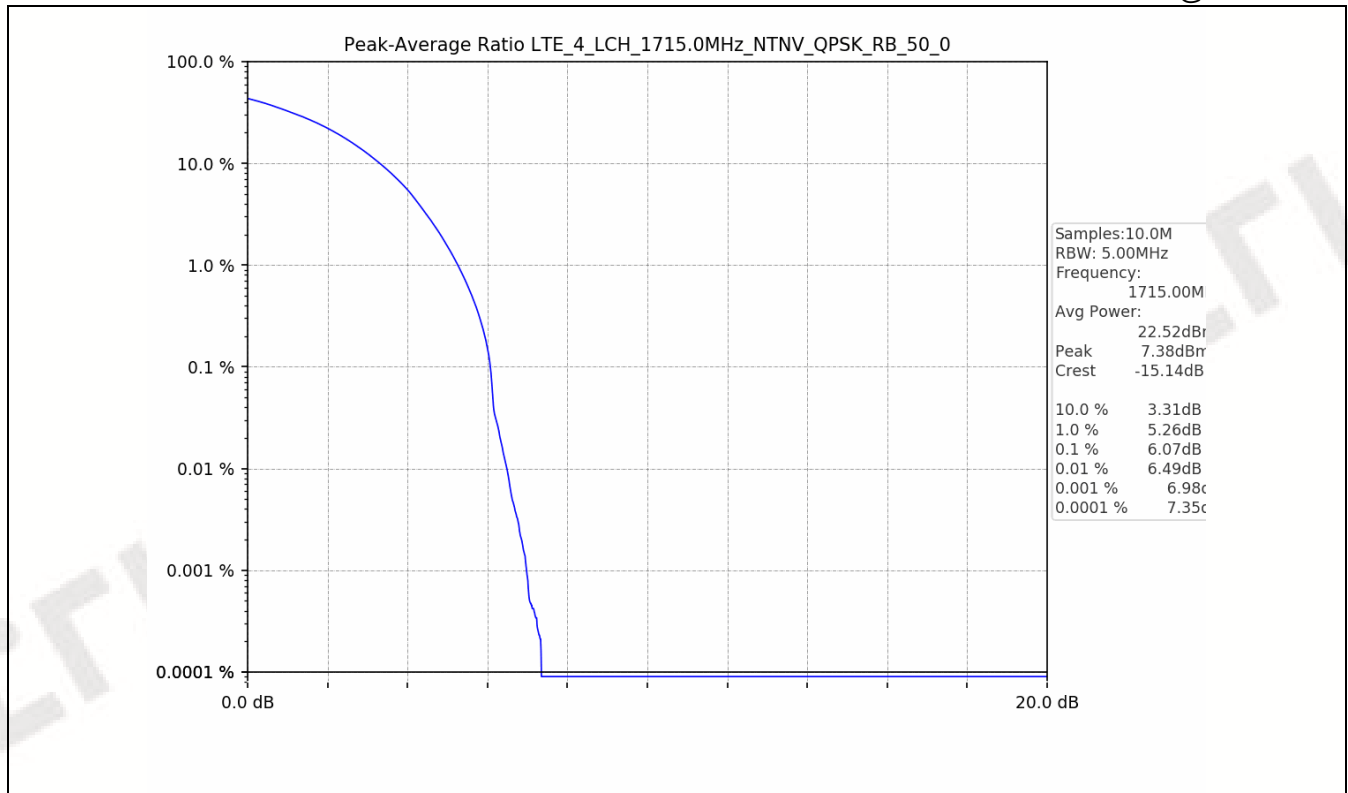


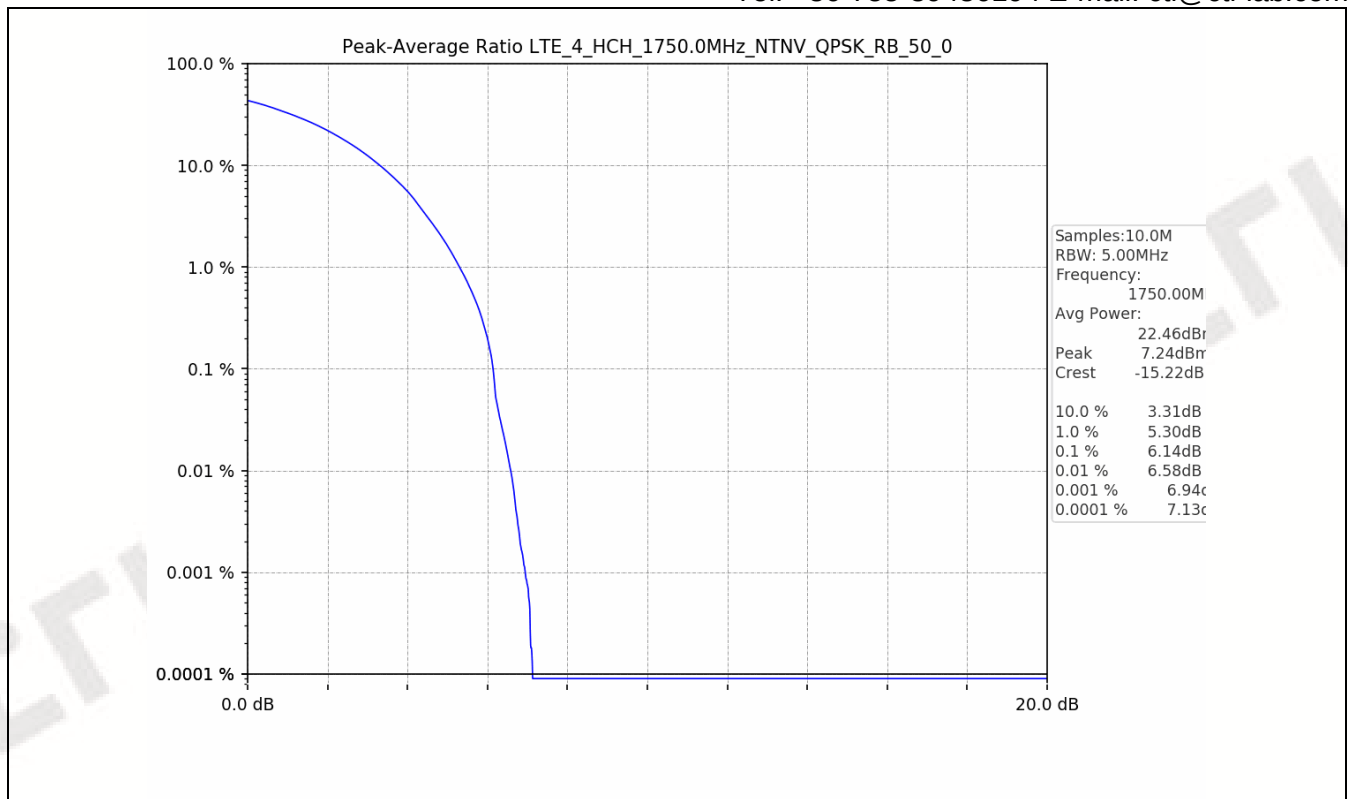
| Test Band: 4 10MHz Bandwidth |               |        |                  |      |      |            |         |
|------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                    | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                              | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| QPSK                         | 50            | 0      | 6.07             | 6.12 | 6.14 | 13         | PASS    |
| 16QAM                        | 50            | 0      | 6.74             | 6.79 | 6.78 | 13         | PASS    |

## 5.2 Test Graph





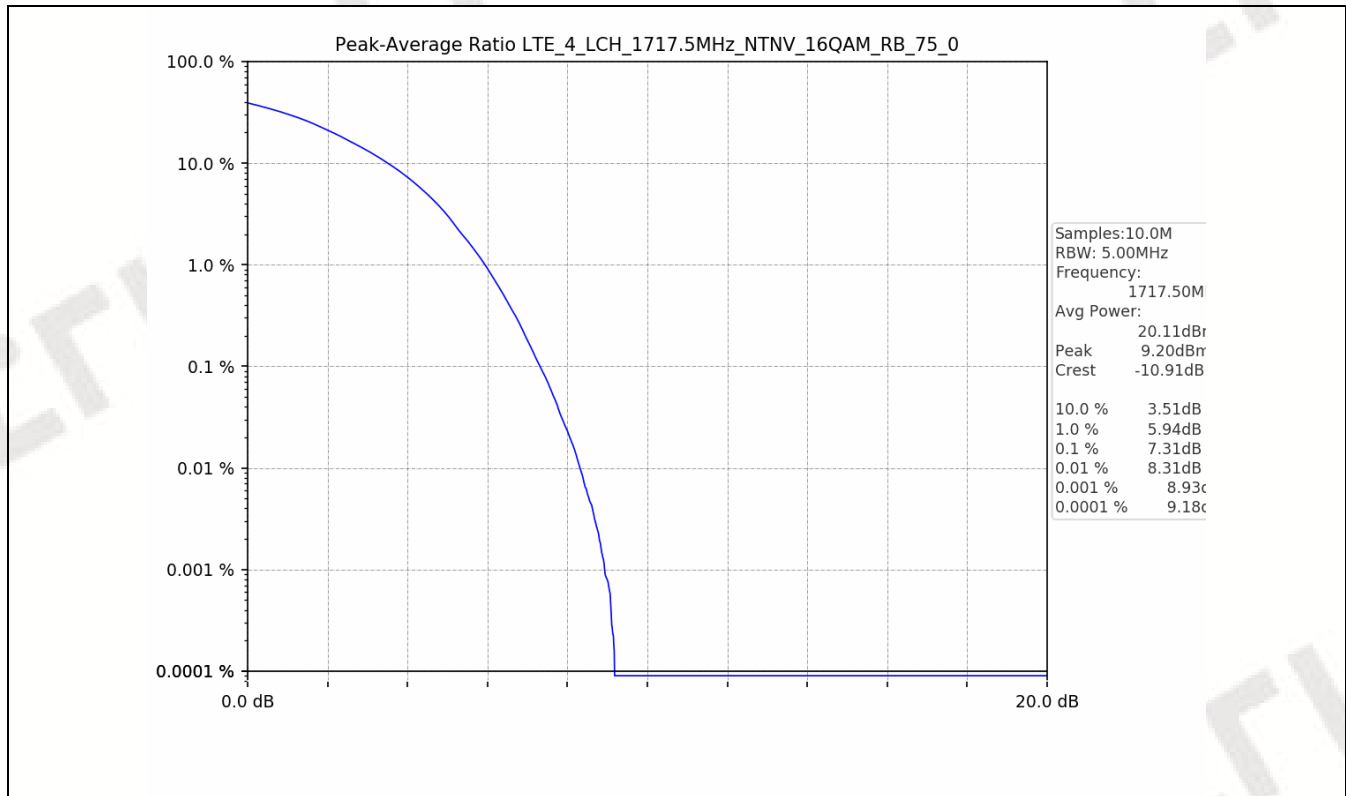


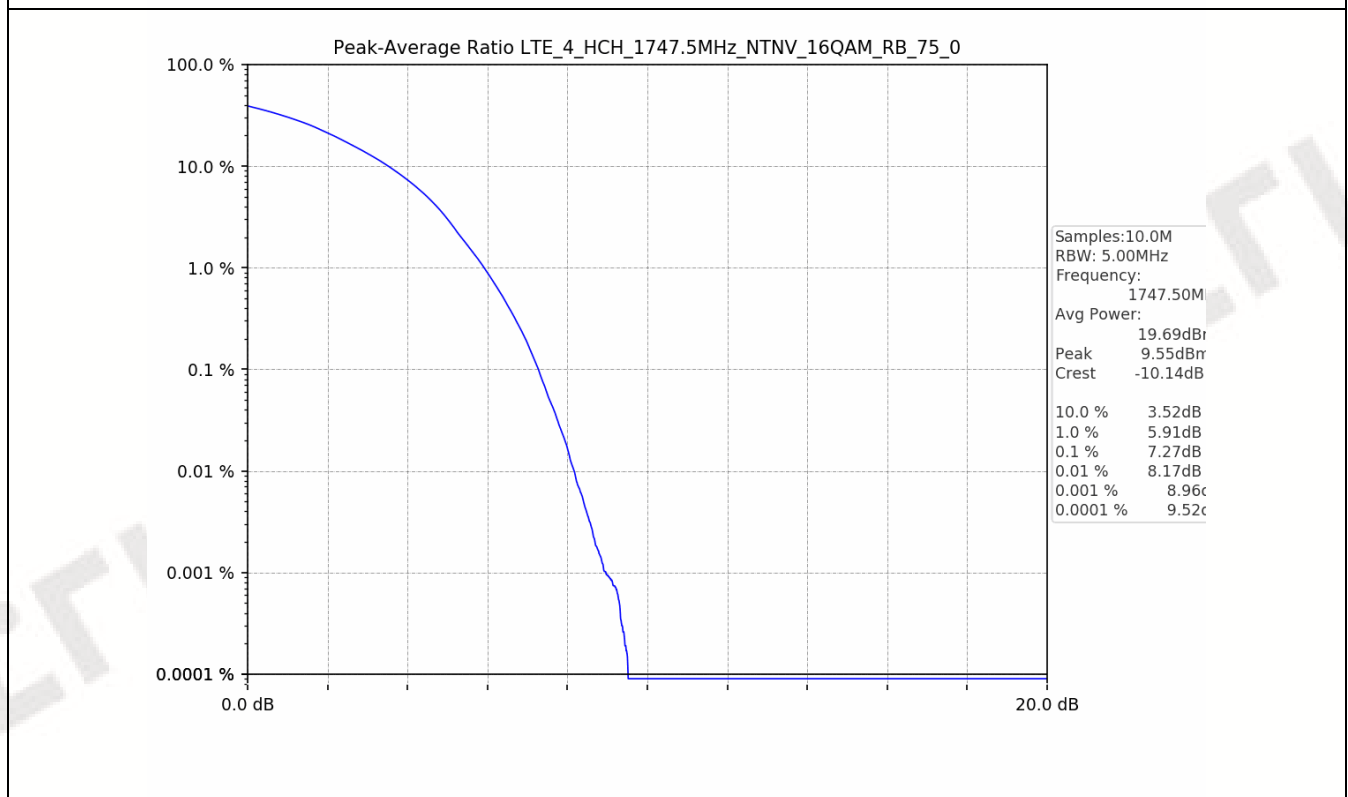
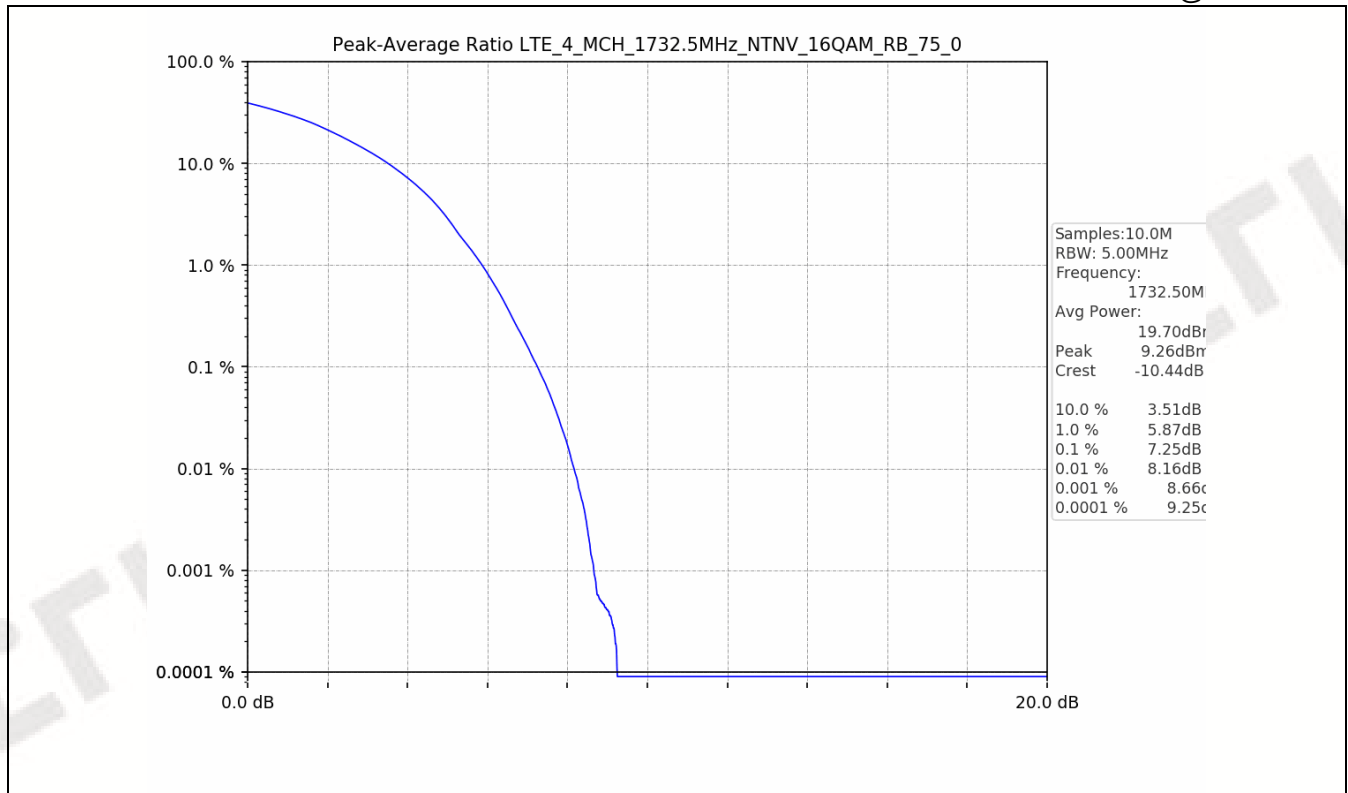


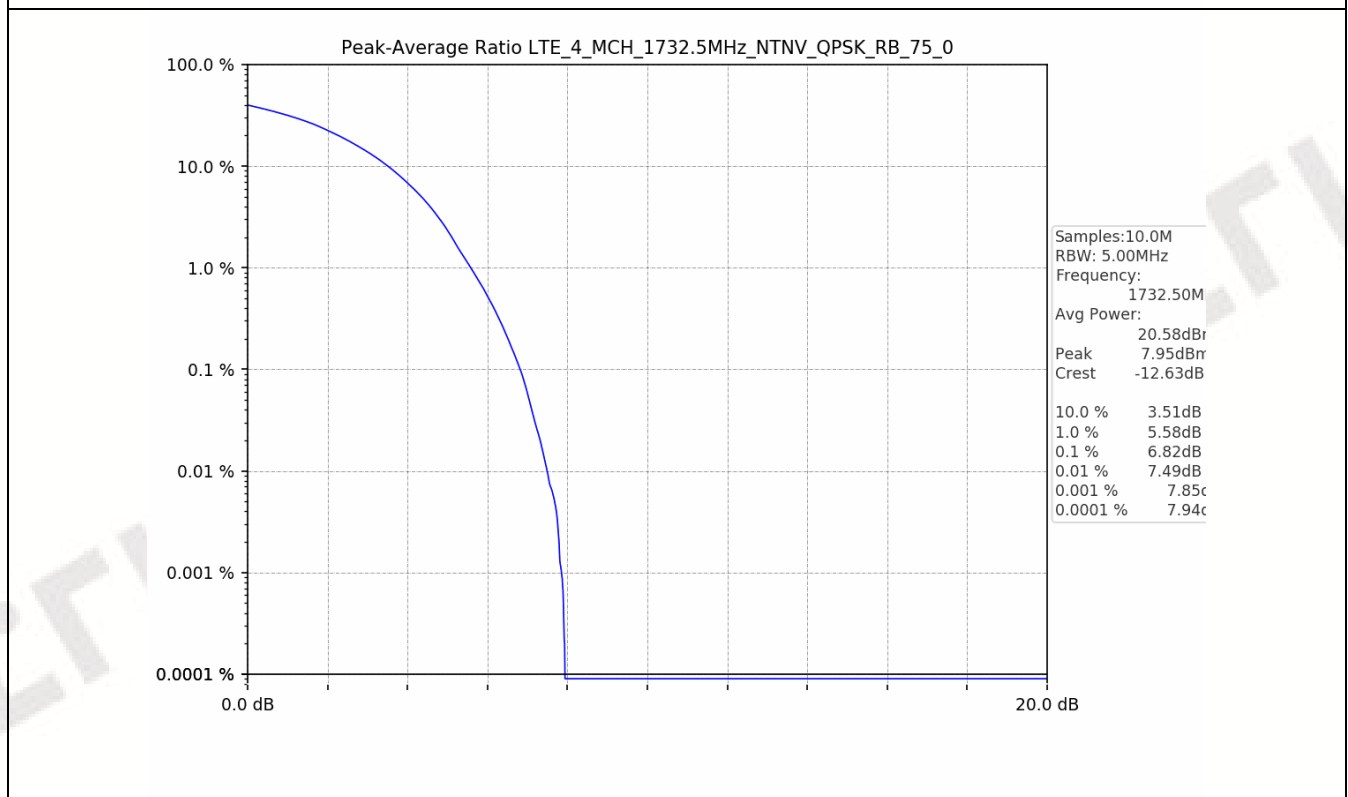
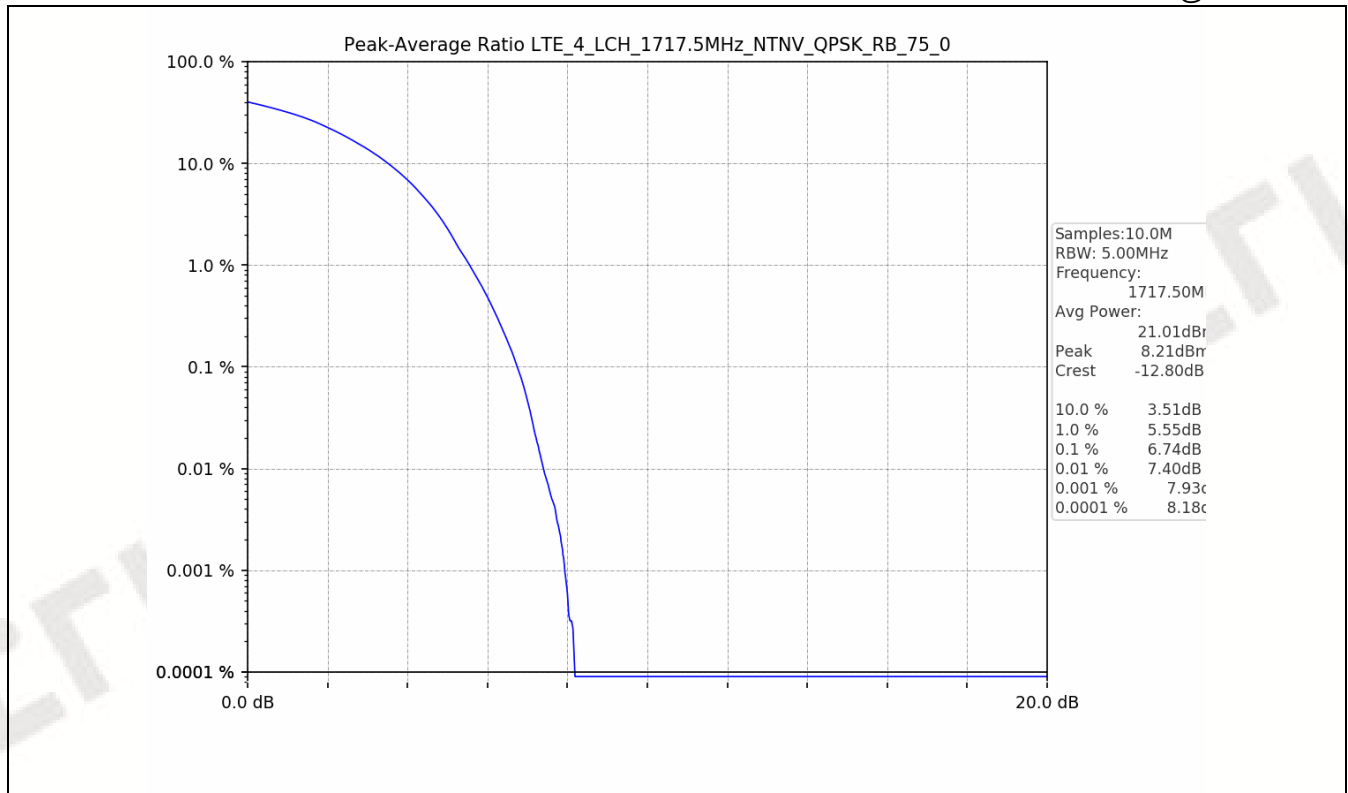


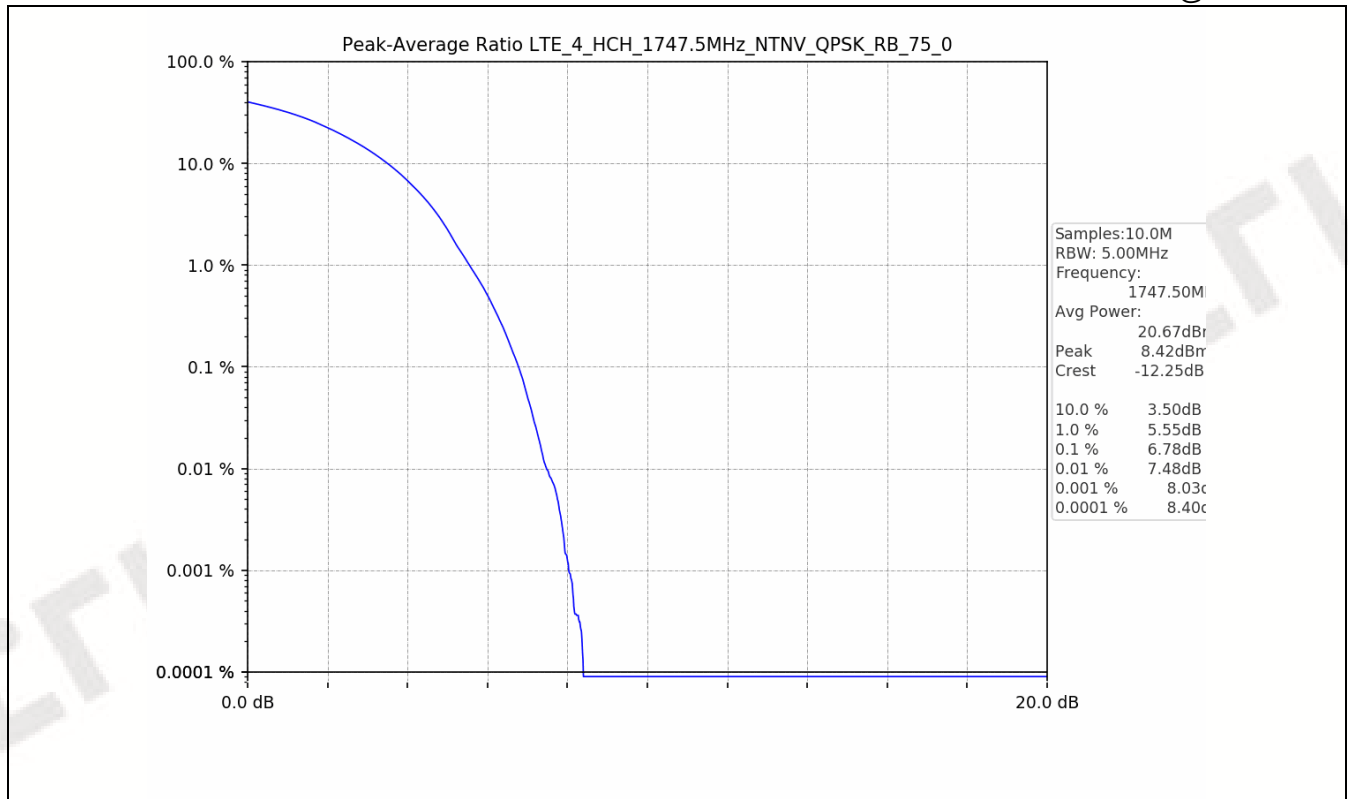
| Test Band: 4 15MHz Bandwidth |               |        |                  |      |      |            |         |
|------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                    | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                              | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| QPSK                         | 75            | 0      | 6.74             | 6.82 | 6.78 | 13         | PASS    |
| 16QAM                        | 75            | 0      | 7.31             | 7.25 | 7.27 | 13         | PASS    |

## 5.2 Test Graph





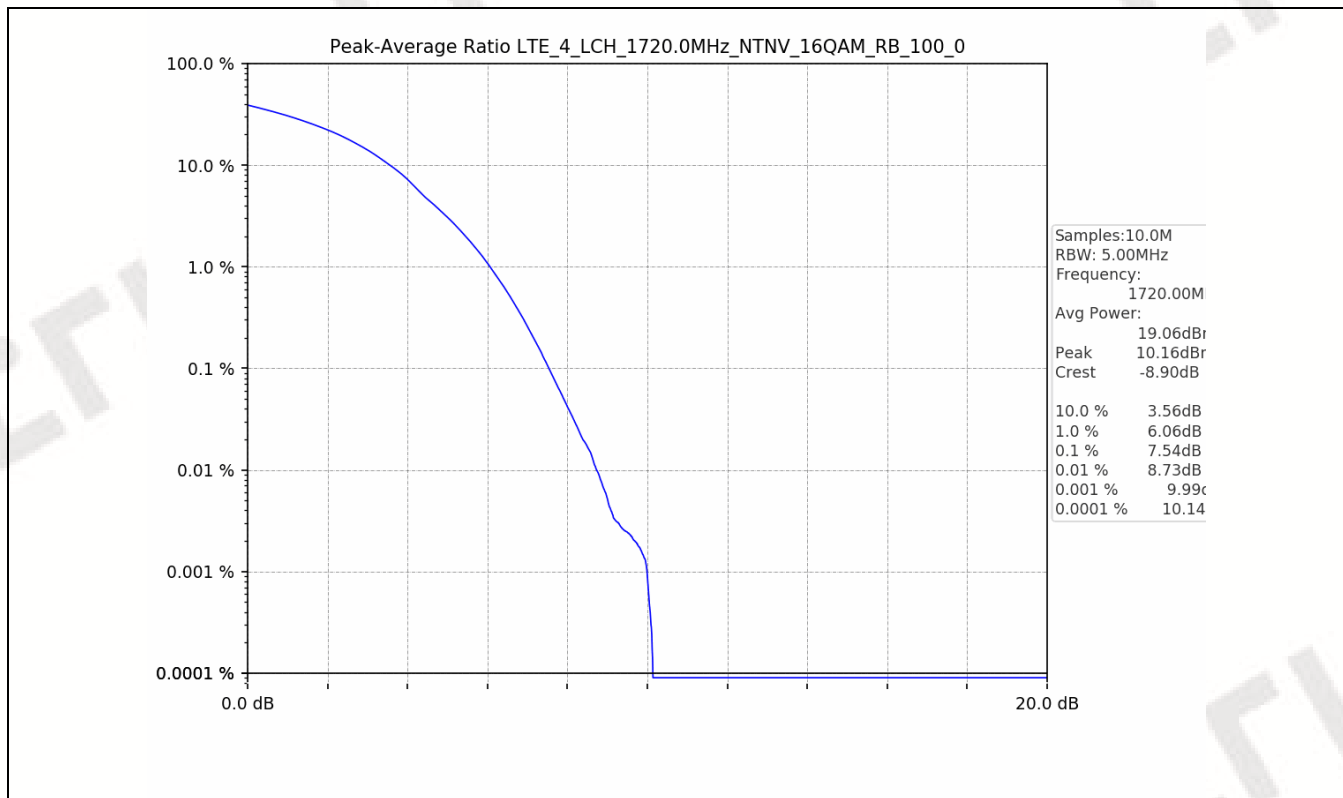


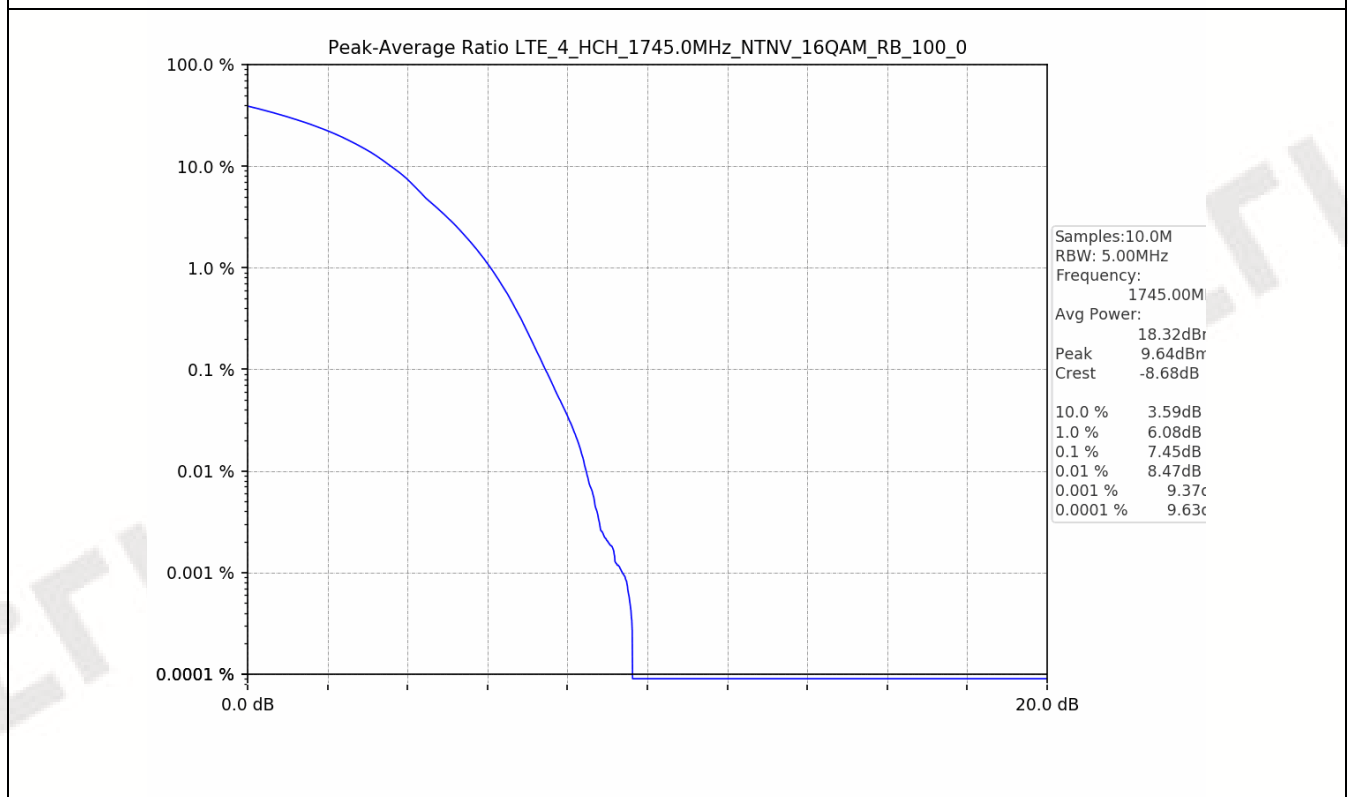
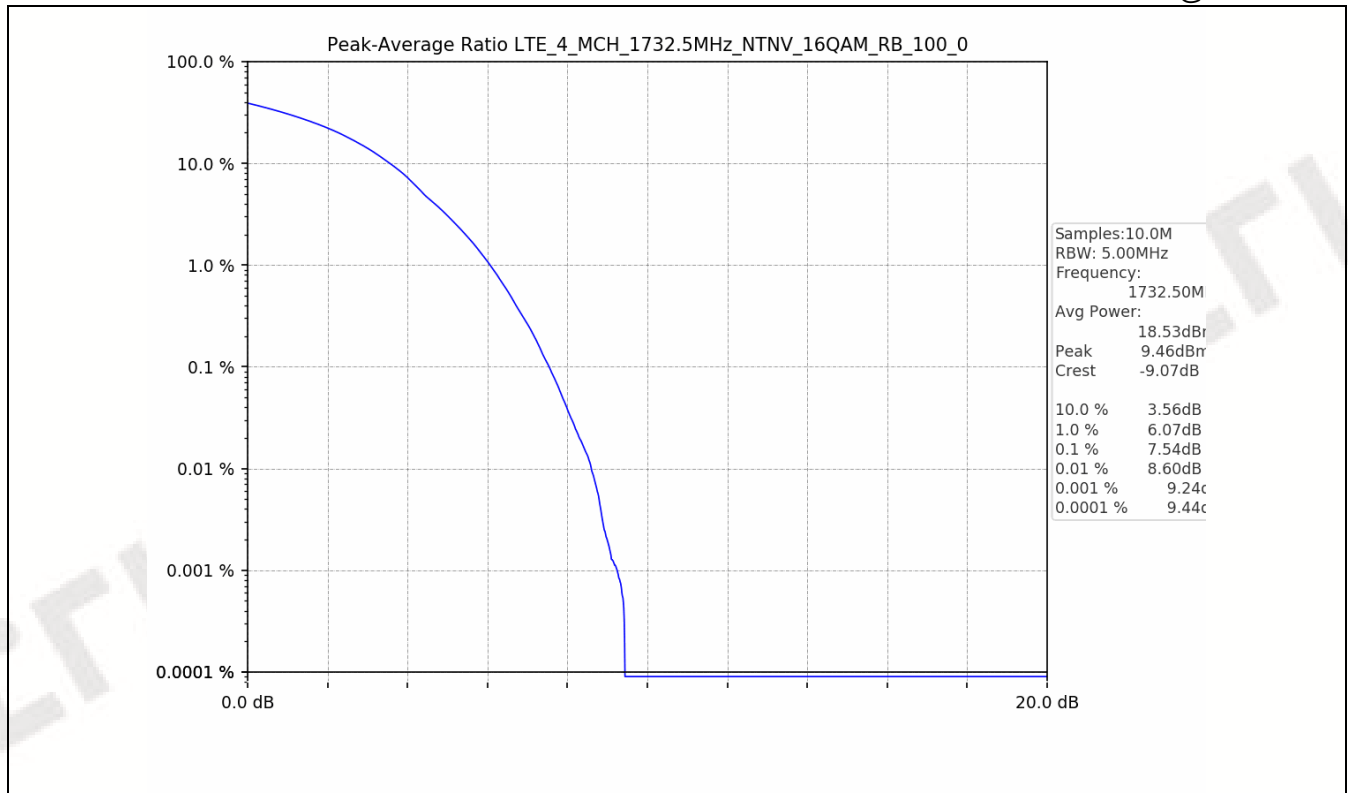


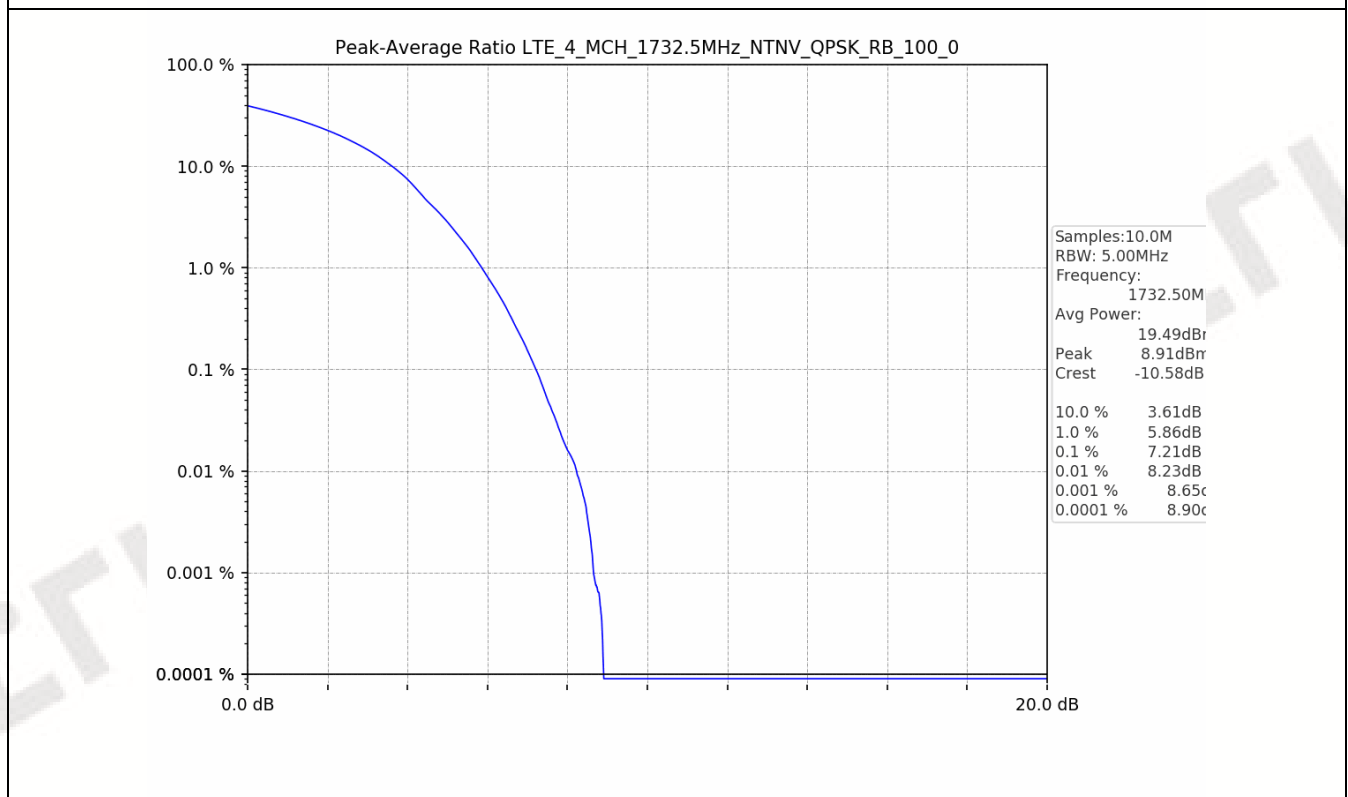
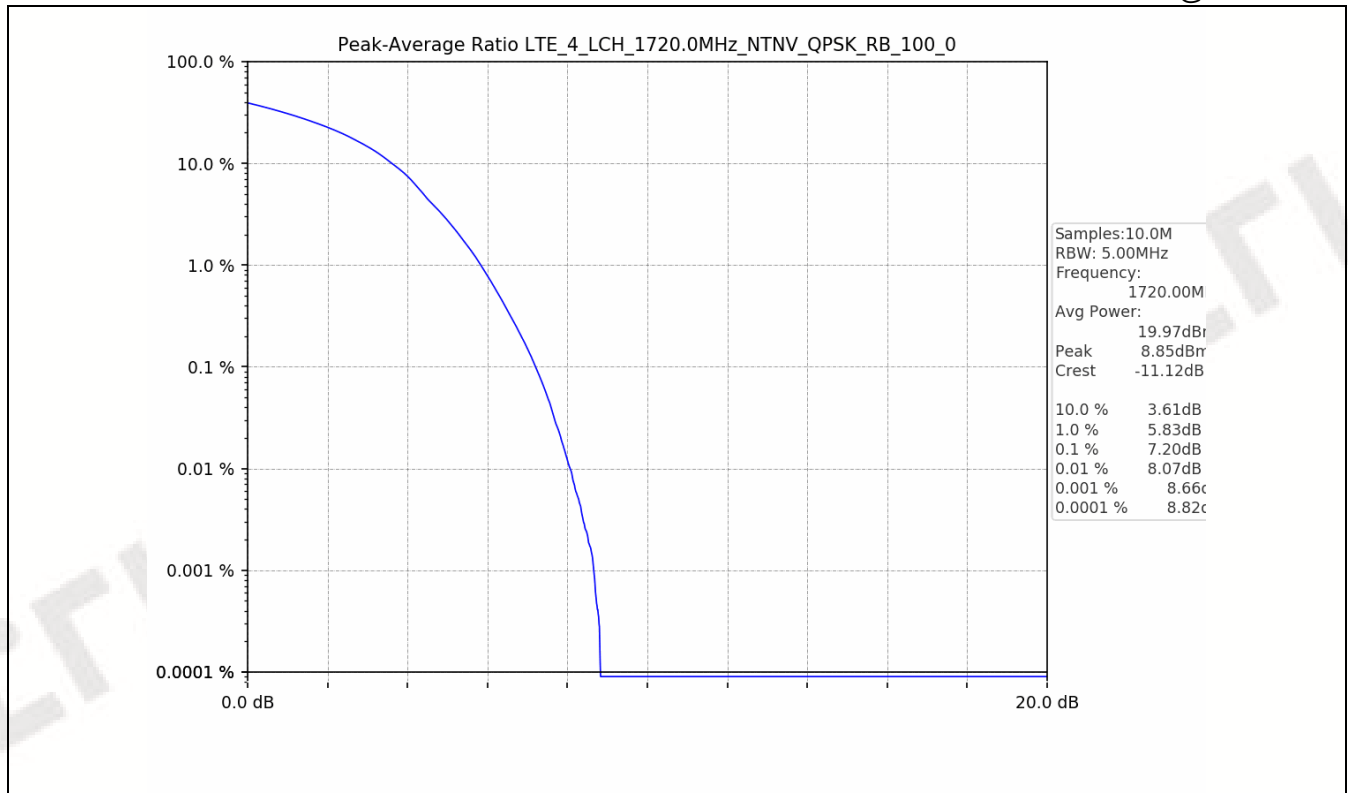


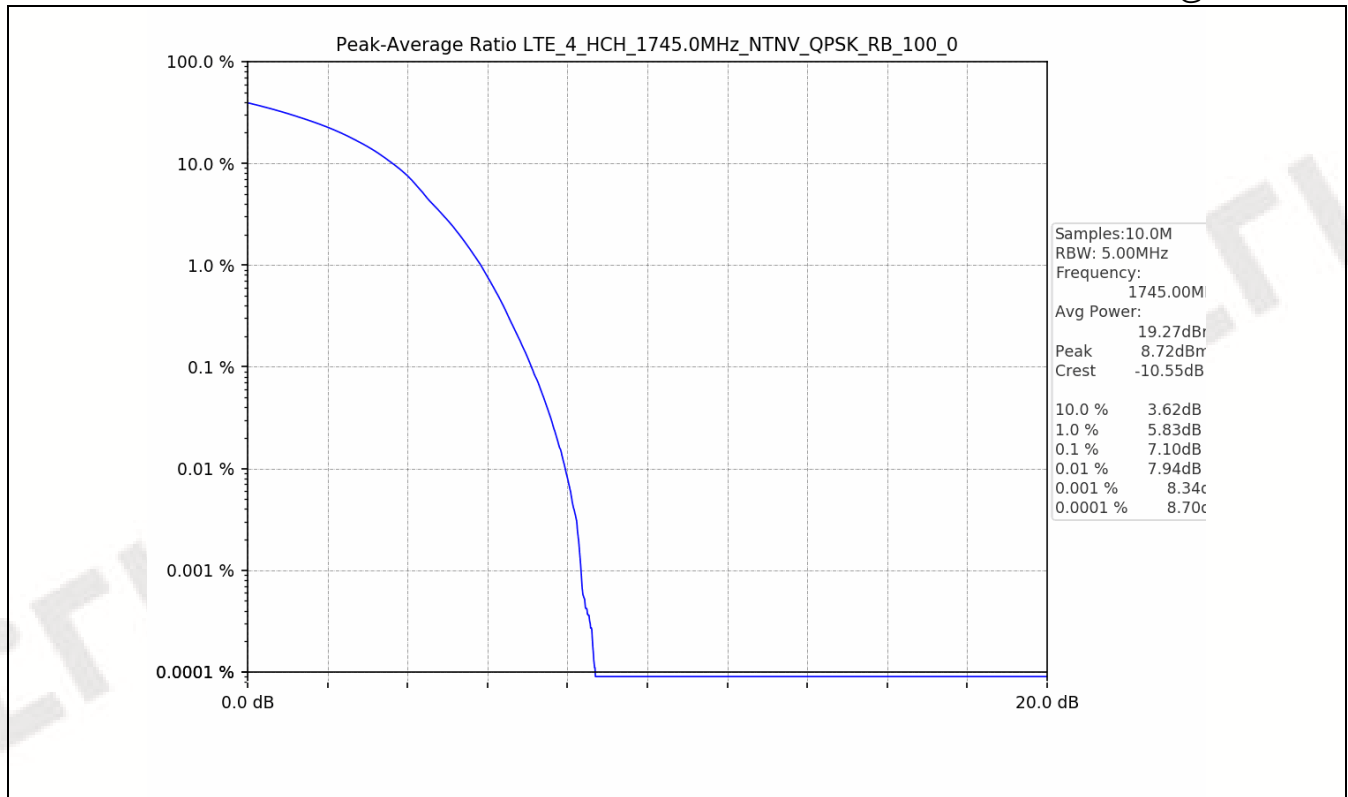
| Test Band: 4 20MHz Bandwidth |               |        |                  |      |      |            |         |
|------------------------------|---------------|--------|------------------|------|------|------------|---------|
| Test Mode                    | RB Allocation |        | Test result (dB) |      |      | Limit (dB) | Verdict |
|                              | Size          | Offset | LCH              | MCH  | HCH  |            |         |
| QPSK                         | 100           | 0      | 7.20             | 7.21 | 7.10 | 13         | PASS    |
| 16QAM                        | 100           | 0      | 7.54             | 7.54 | 7.45 | 13         | PASS    |

## 5.2 Test Graph





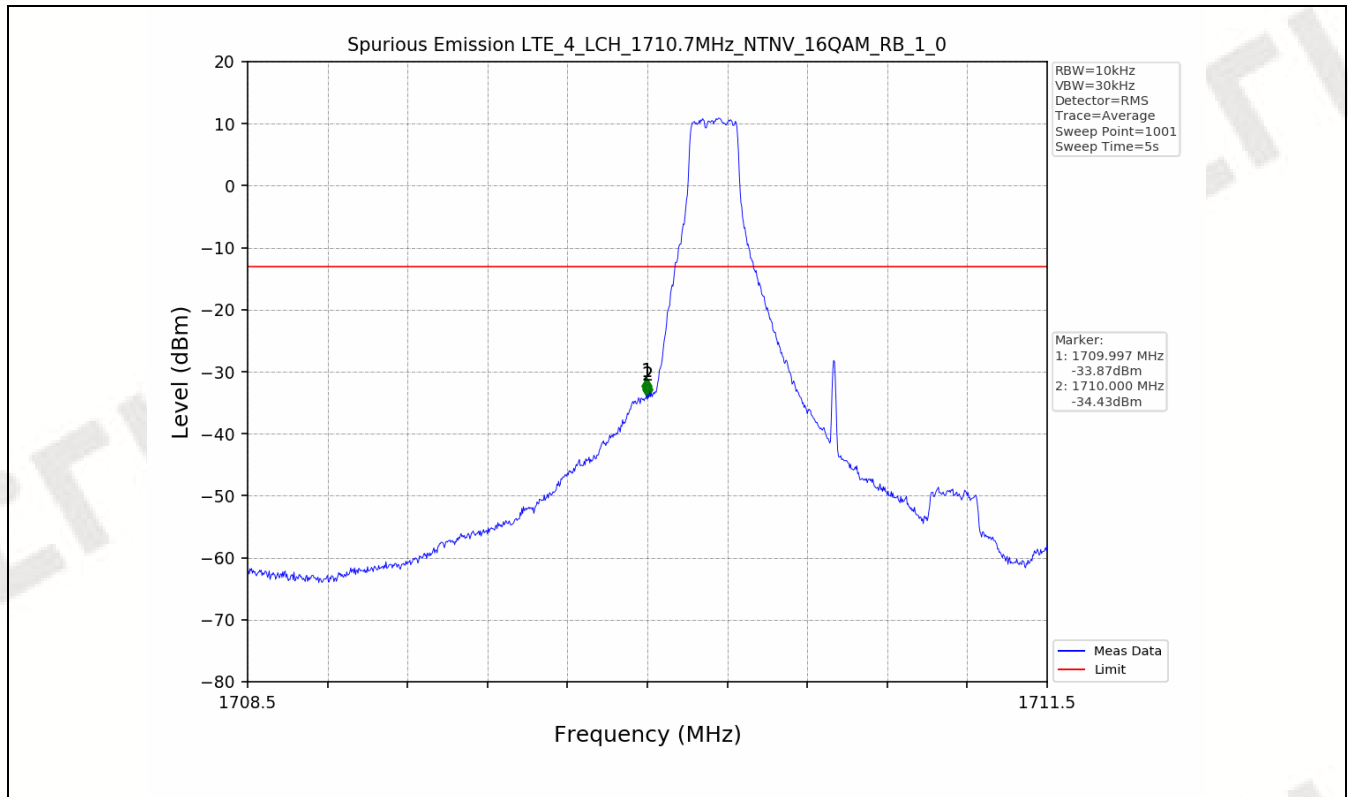


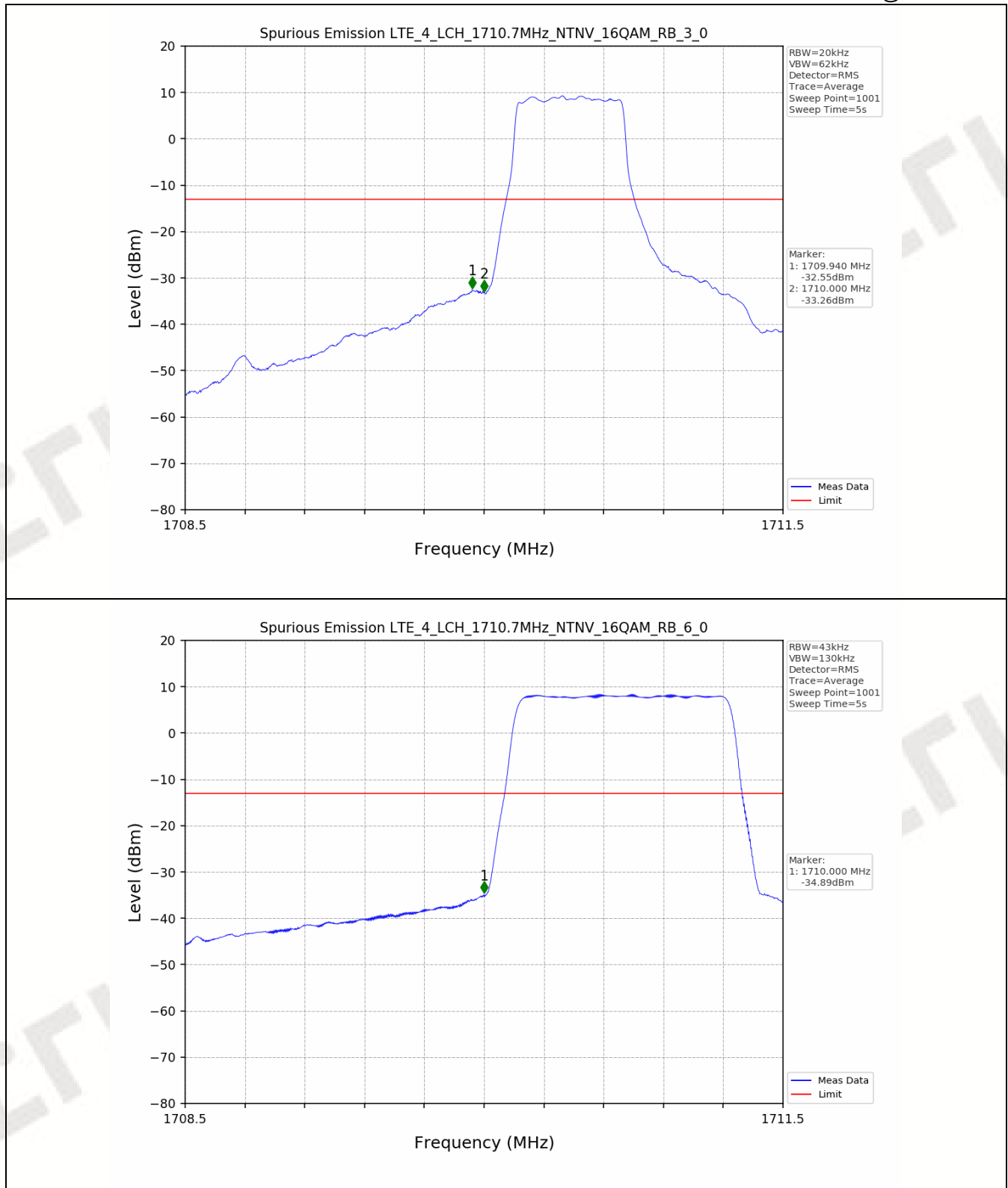


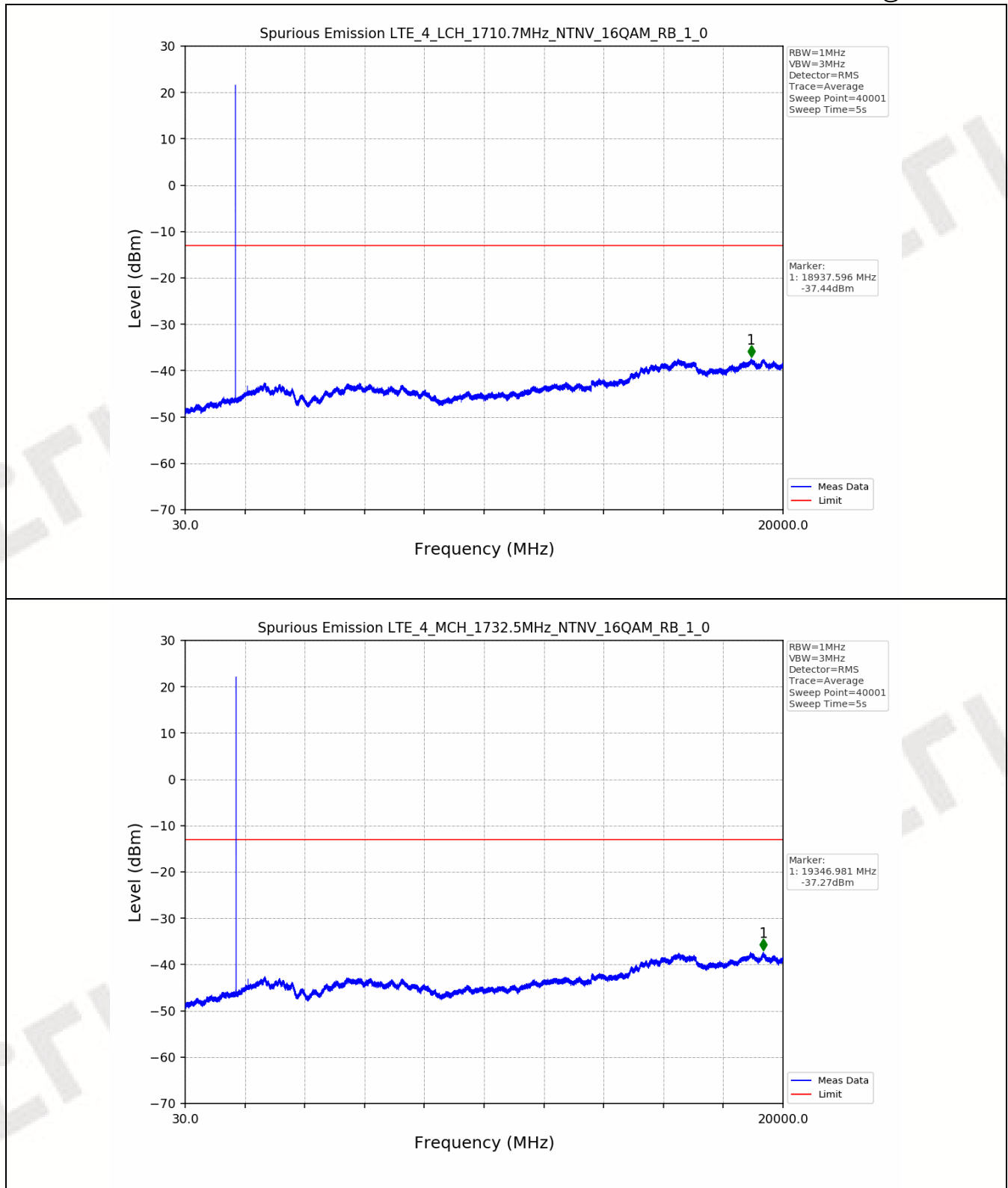


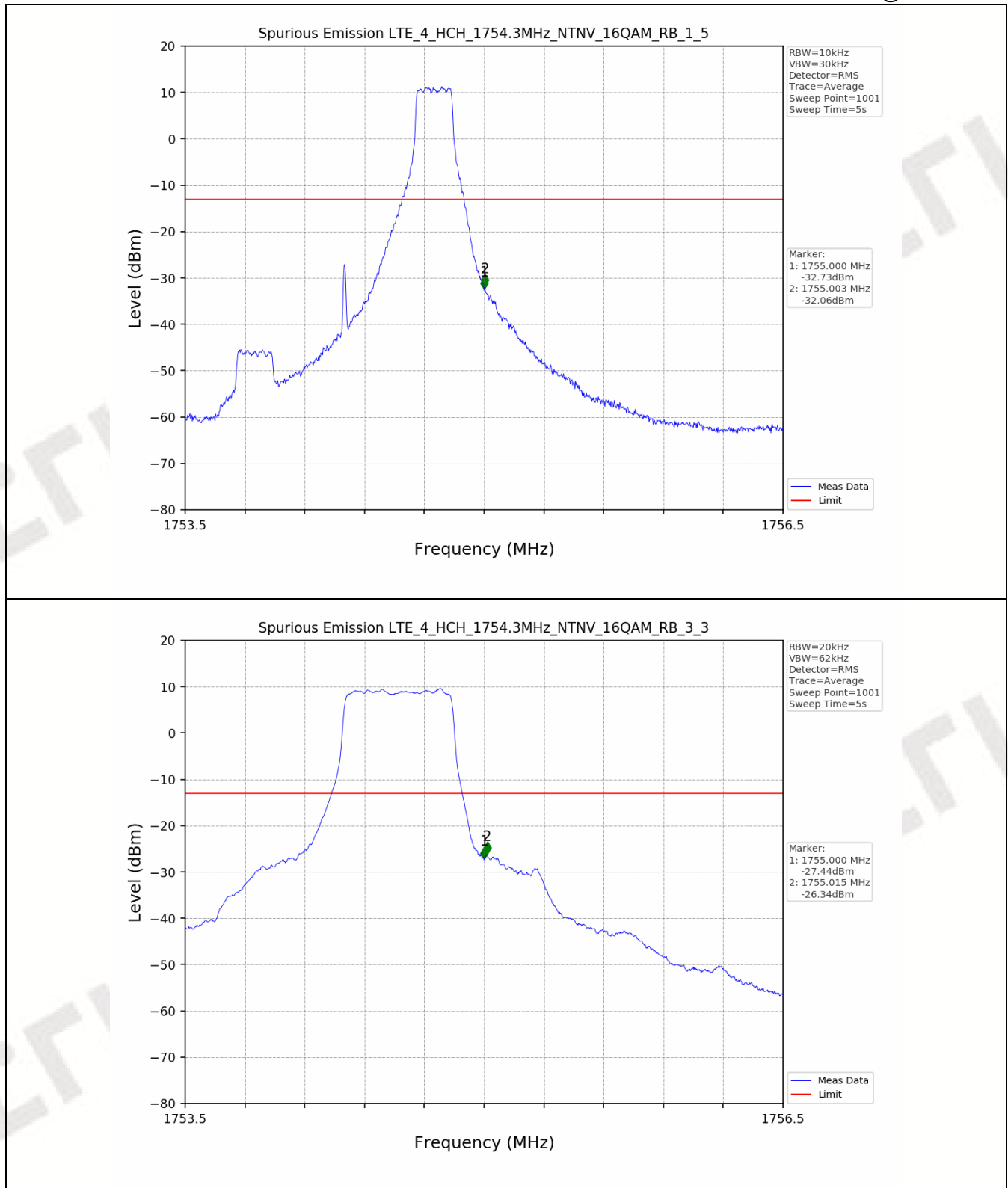
## 6. Spurious Emission

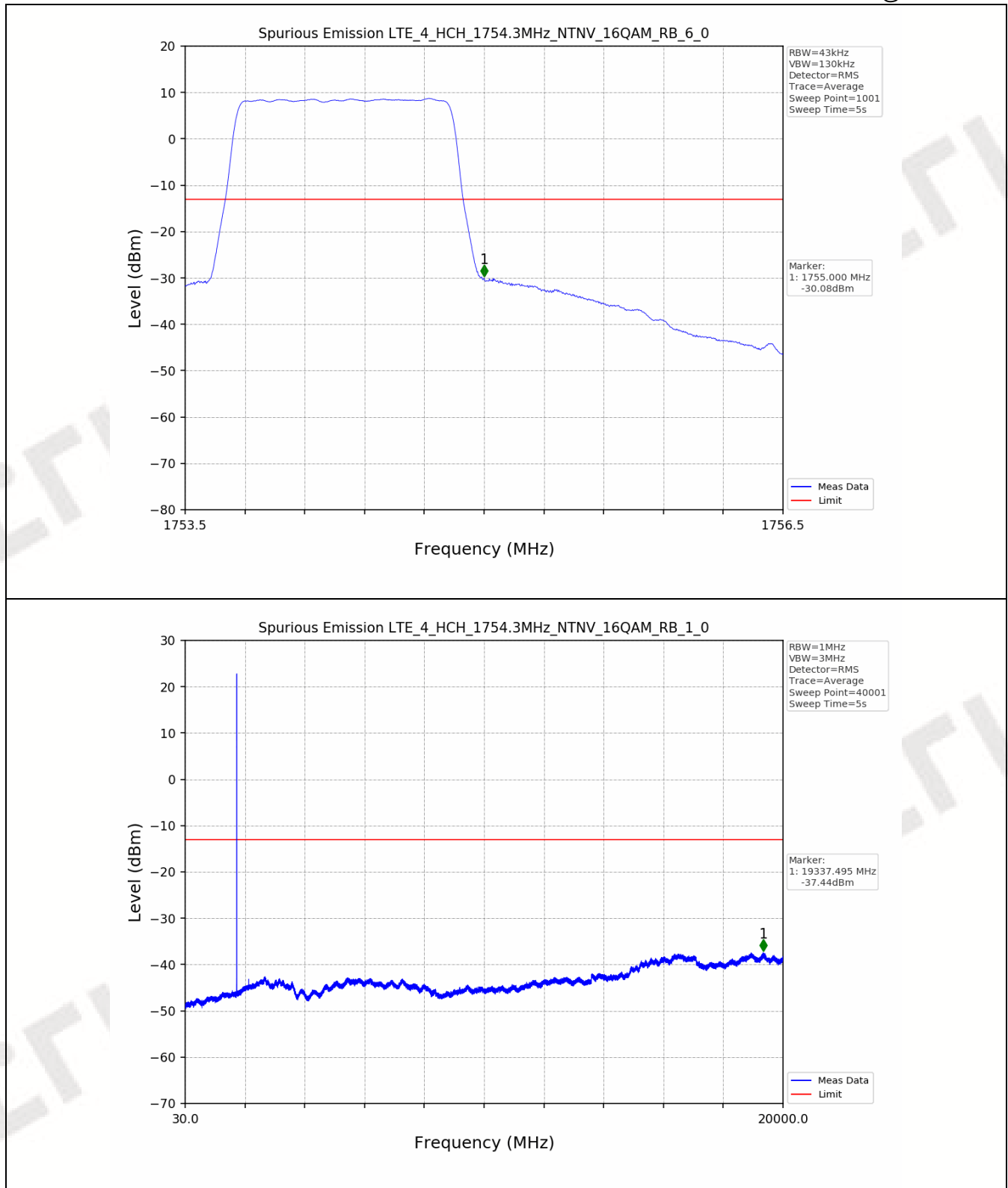
### 6.1 Test Graph

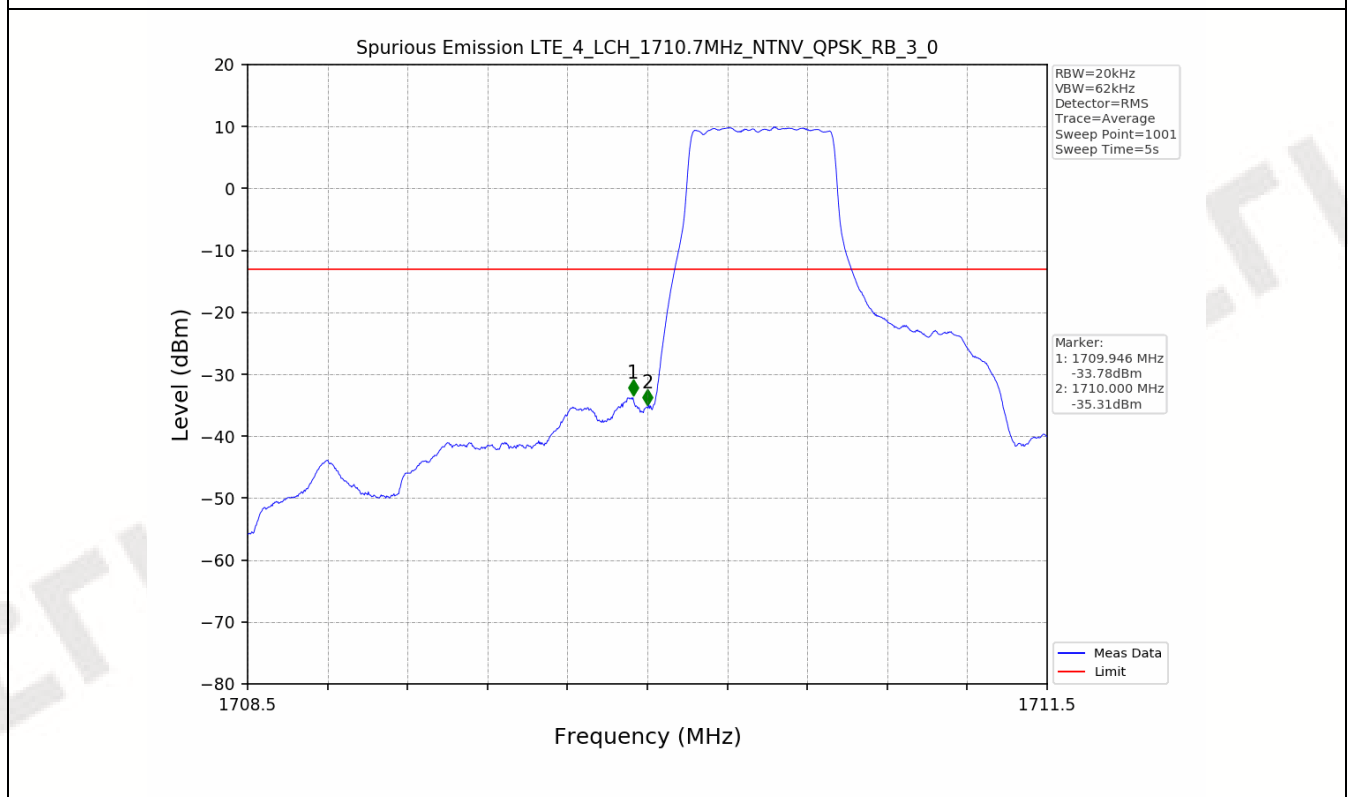
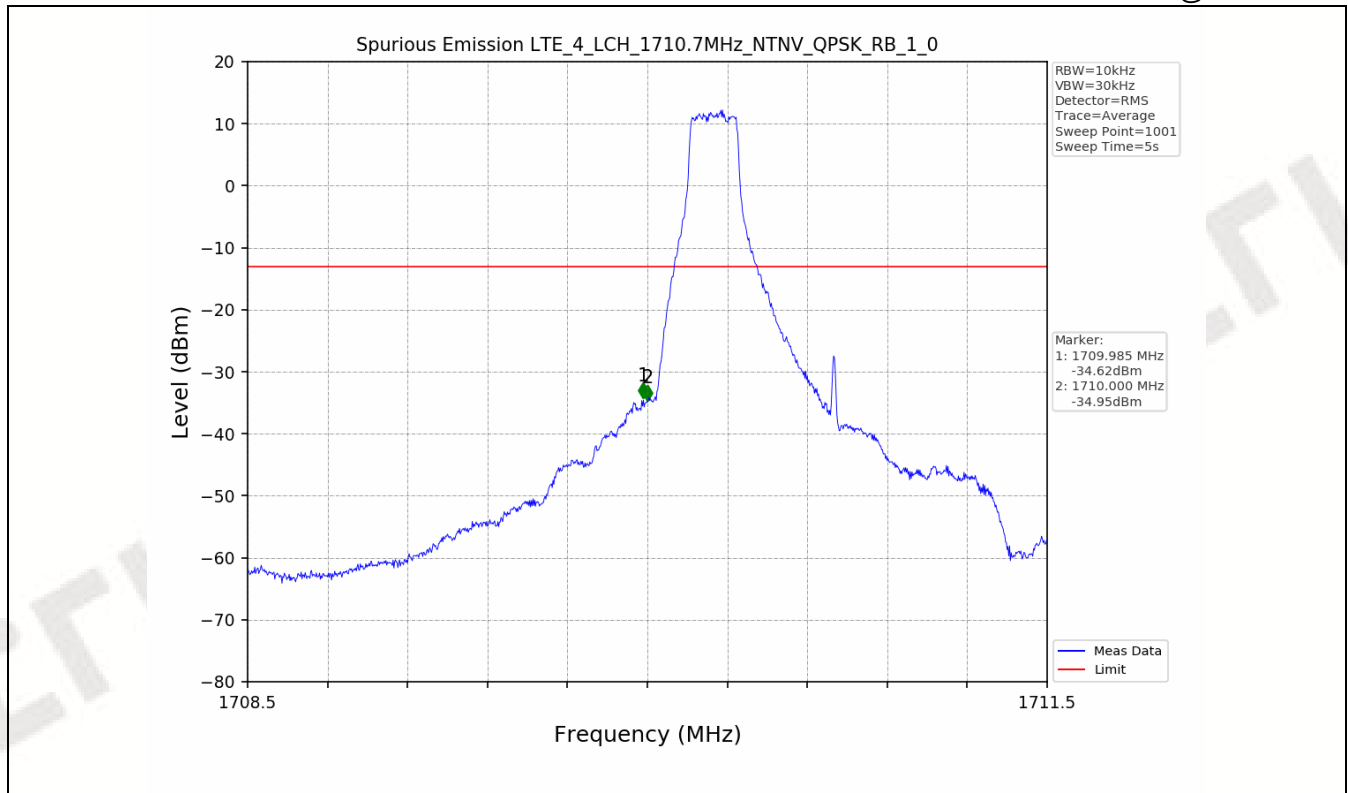


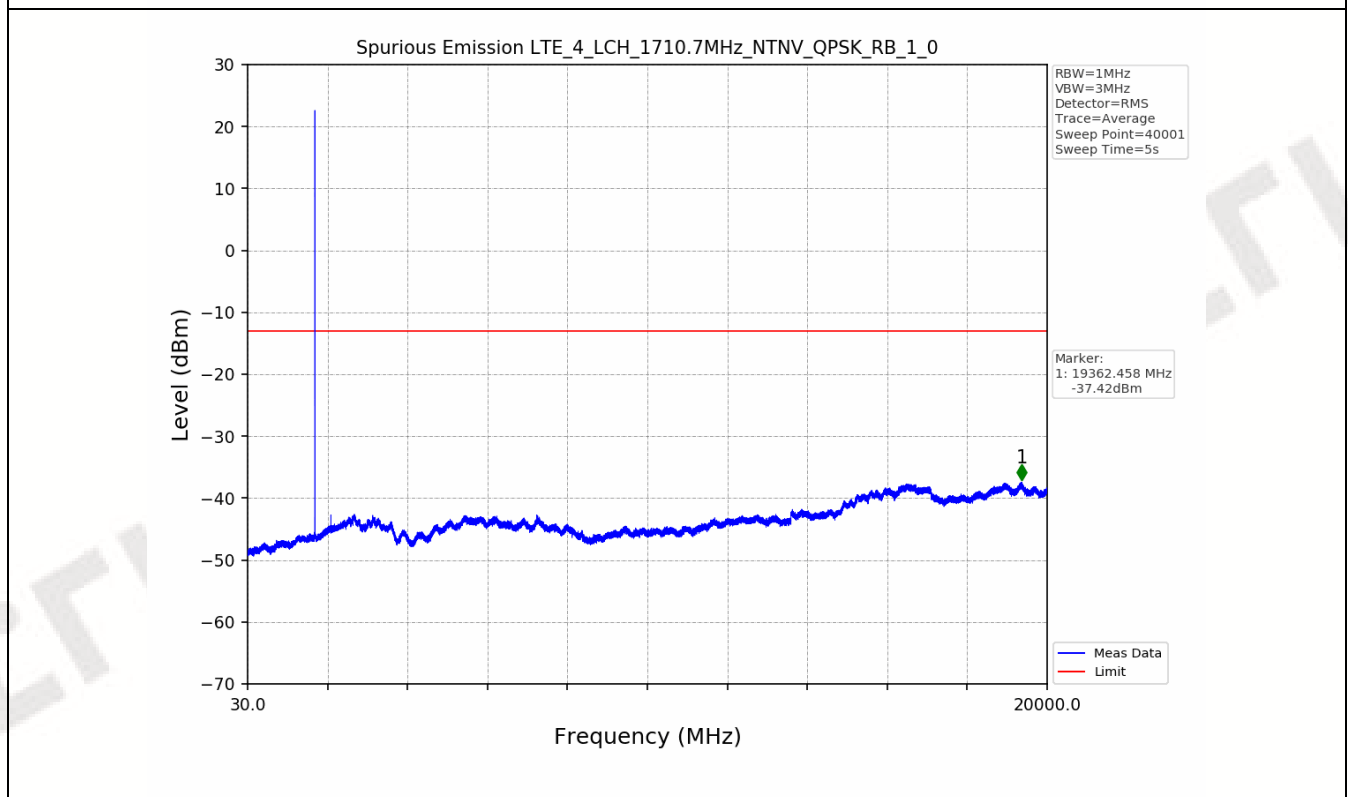
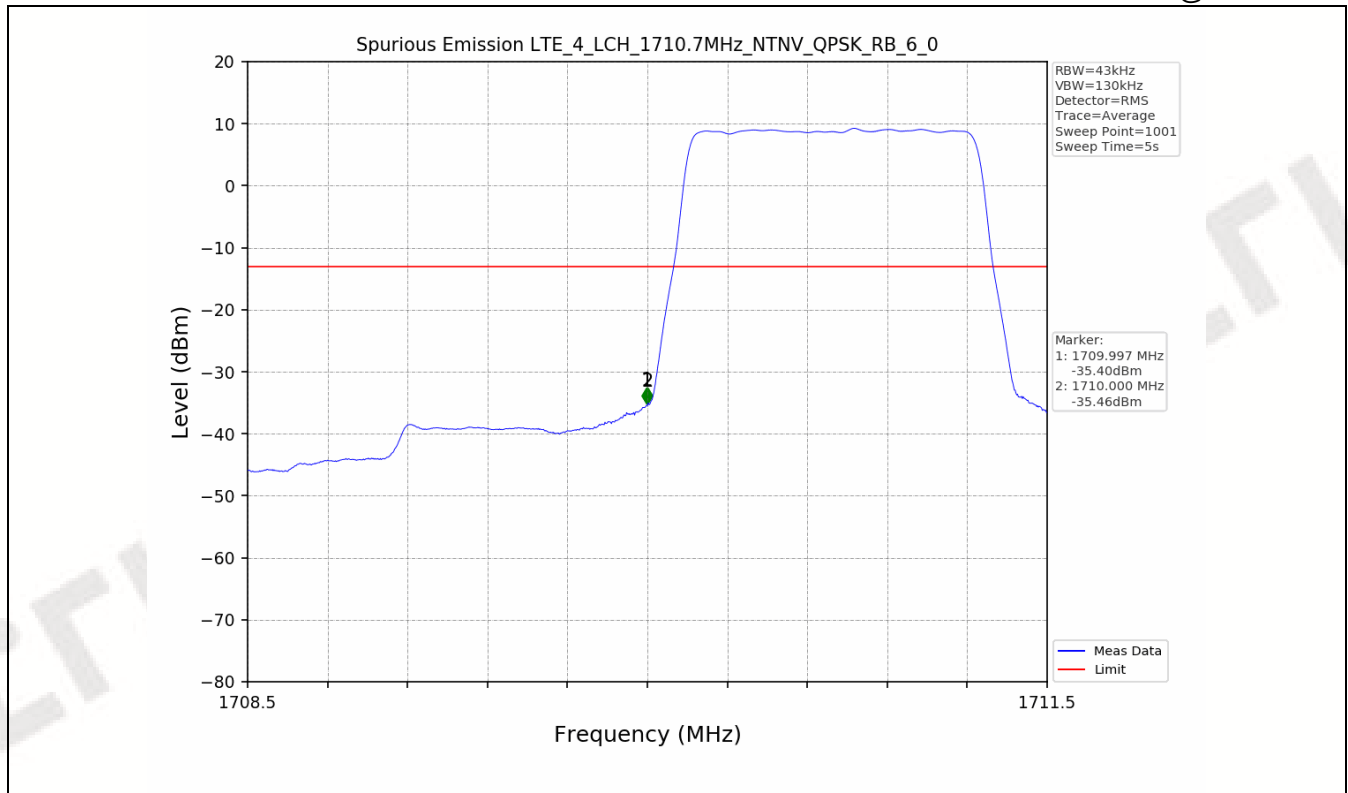


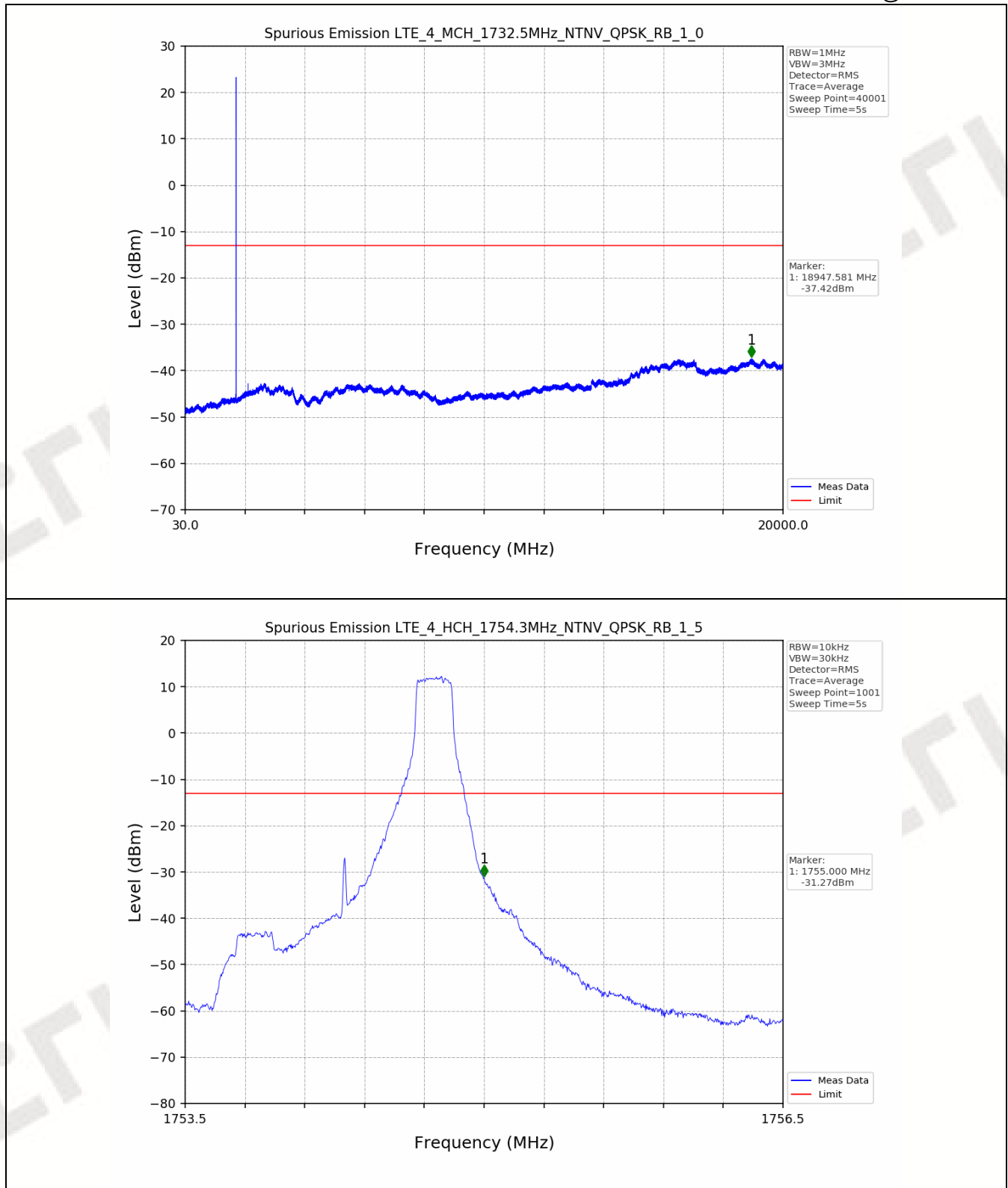


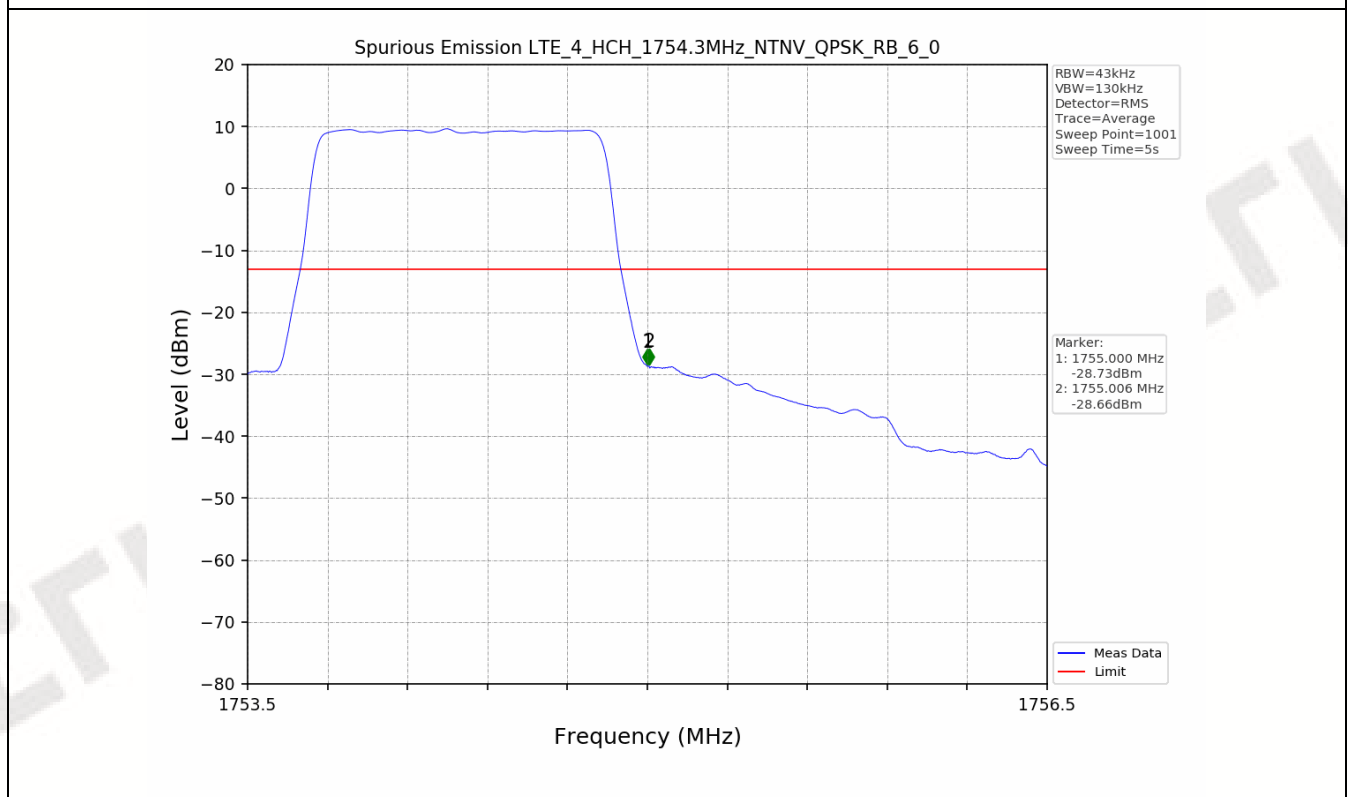
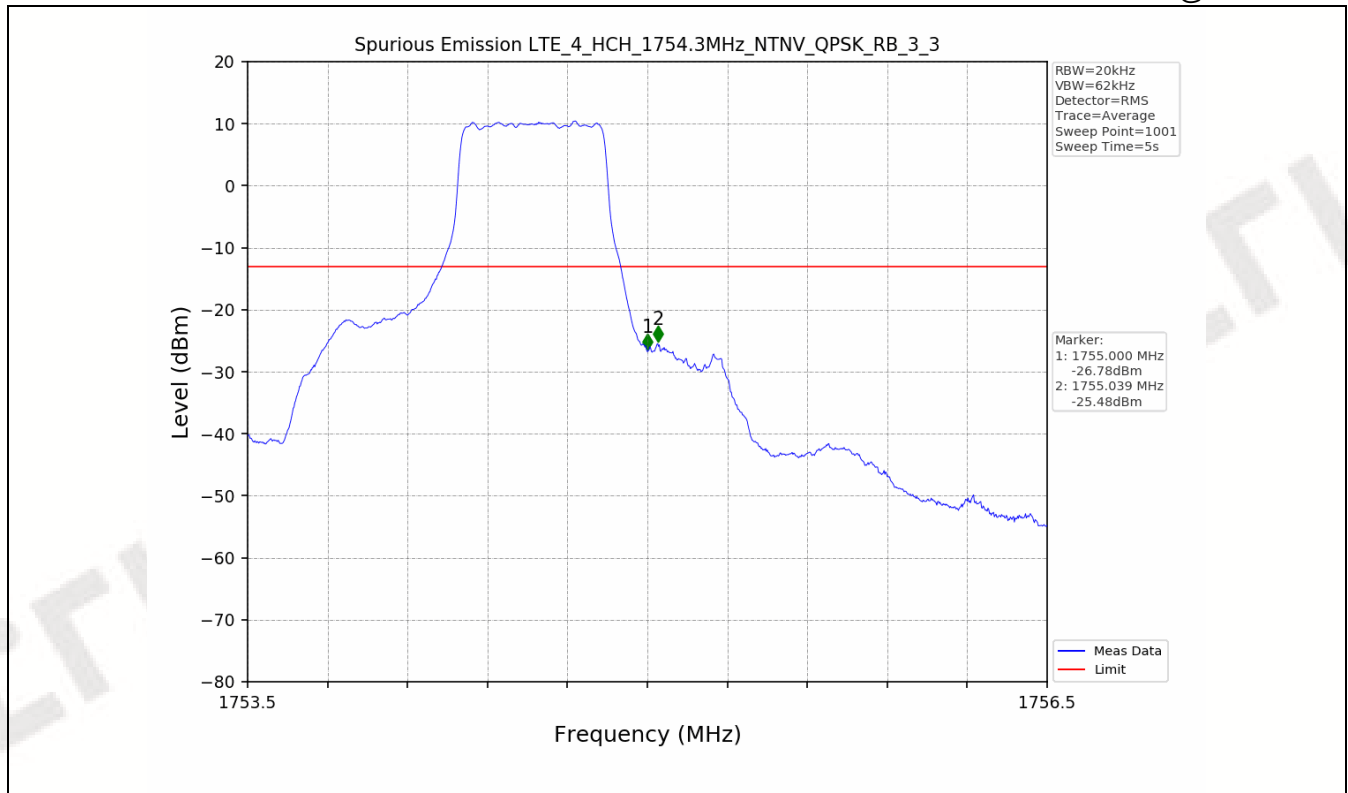


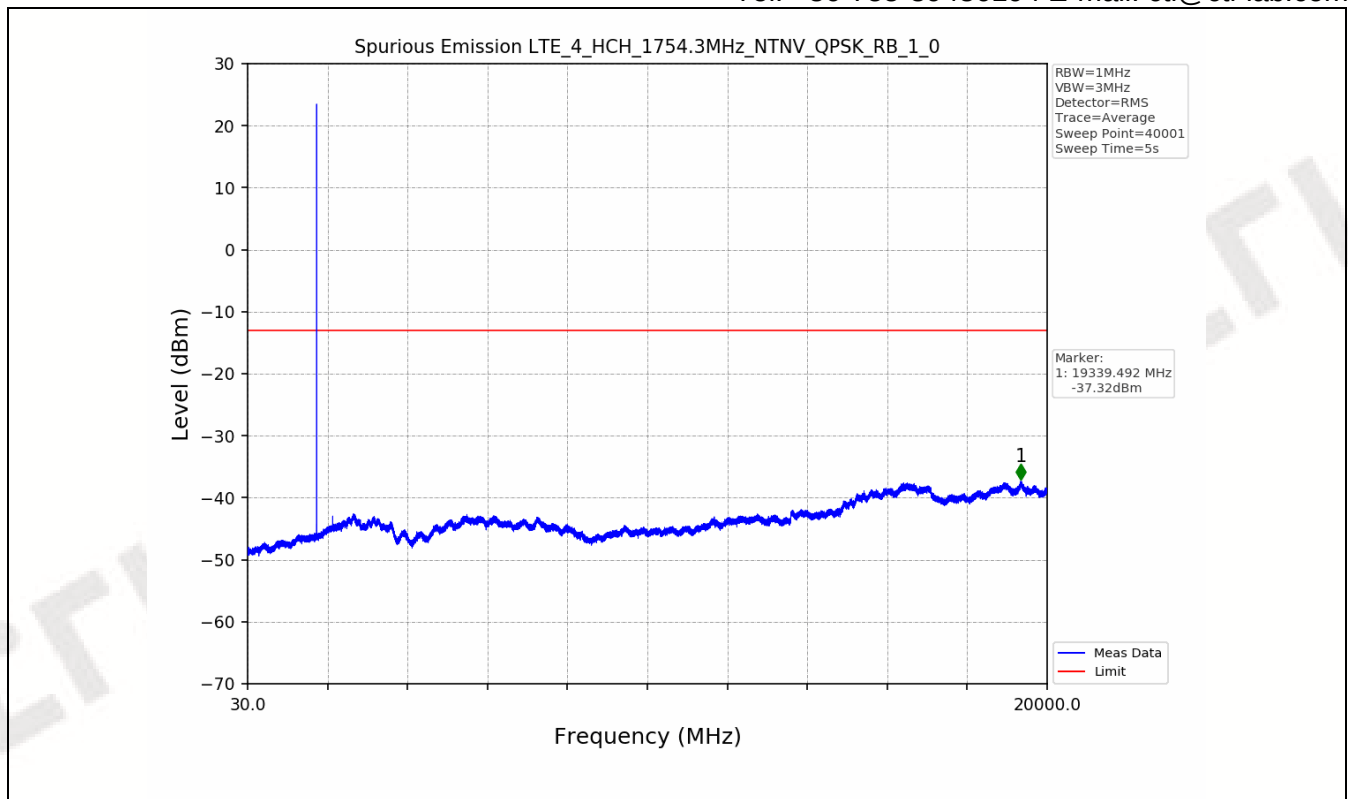














## 6.1 Test Graph

