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## Band Edge

### GPRS and WCDMA Mode Test Verdict

| Test Band    | Test Channel | Verdict |
|--------------|--------------|---------|
| GPRS 850     | LCH          | Pass    |
|              | HCH          | Pass    |
| GPRS 1900    | LCH          | Pass    |
|              | HCH          | Pass    |
| WCDMA Band 2 | LCH          | Pass    |
|              | HCH          | Pass    |
| WCDMA Band 4 | LCH          | Pass    |
|              | HCH          | Pass    |
| WCDMA Band 5 | LCH          | Pass    |
|              | HCH          | Pass    |

# LTE Mode Test Verdict

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 2    | 1.4 MHz        | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           | 3 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB1#High              | Pass    |

| Test Band  | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|------------|----------------|--------------|-----------|-----------------------|---------|
|            |                |              |           | RB75#High             | Pass    |
|            |                |              | 16-QAM    | RB1#High              | Pass    |
|            |                |              |           | RB75#High             | Pass    |
|            | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|            |                |              |           | RB100#Low             | Pass    |
|            |                |              | 16-QAM    | RB1#Low               | Pass    |
|            |                |              |           | RB100#Low             | Pass    |
|            |                | HCH          | QPSK      | RB1#High              | Pass    |
|            |                |              |           | RB100#High            | Pass    |
|            |                |              | 16-QAM    | RB1#High              | Pass    |
| RB100#High | Pass           |              |           |                       |         |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 4    | 1.4 MHz        | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           | 3 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
|           |                |              |           | RB75#High             | Pass    |
|           | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 5    | 1.4 MHz        | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           | 3 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 7    | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 12   | 1.4 MHz        | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           | 3 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 17   | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                | 16-QAM       |           | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 25   | 1.4 MHz        | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           | 3 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           |                | HCH          | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB1#High              | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
|           |                |              |           | RB75#High             | Pass    |
|           | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |

| Test Band             | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------------------|----------------|--------------|-----------|-----------------------|---------|
| LTE Band 26 (Part 22) | 1.4 MHz        | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB6#LOW               | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB6#LOW               | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB6#HIGH              | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB6#HIGH              | Pass    |
|                       | 3 MHz          | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB15#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB15#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB15#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB15#HIGH             | Pass    |
|                       | 5 MHz          | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB25#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB25#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB25#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB25#HIGH             | Pass    |
|                       | 10 MHz         | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB50#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB50#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB50#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB50#HIGH             | Pass    |
|                       | 15 MHz         | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB75#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB75#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB75#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB75#HIGH             | Pass    |

| Test Band             | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------------------|----------------|--------------|-----------|-----------------------|---------|
| LTE Band 26 (Part 90) | 1.4 MHz        | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB6#LOW               | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB6#LOW               | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB6#HIGH              | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB6#HIGH              | Pass    |
|                       | 3 MHz          | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB15#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB15#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB15#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB15#HIGH             | Pass    |
|                       | 5 MHz          | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB25#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB25#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB25#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB25#HIGH             | Pass    |
|                       | 10 MHz         | LCH          | QPSK      | RB1#LOW               | Pass    |
|                       |                |              |           | RB50#LOW              | Pass    |
|                       |                |              | 16-QAM    | RB1#LOW               | Pass    |
|                       |                |              |           | RB50#LOW              | Pass    |
|                       |                | HCH          | QPSK      | RB1#HIGH              | Pass    |
|                       |                |              |           | RB50#HIGH             | Pass    |
|                       |                |              | 16-QAM    | RB1#HIGH              | Pass    |
|                       |                |              |           | RB50#HIGH             | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 38   | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 41   | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |

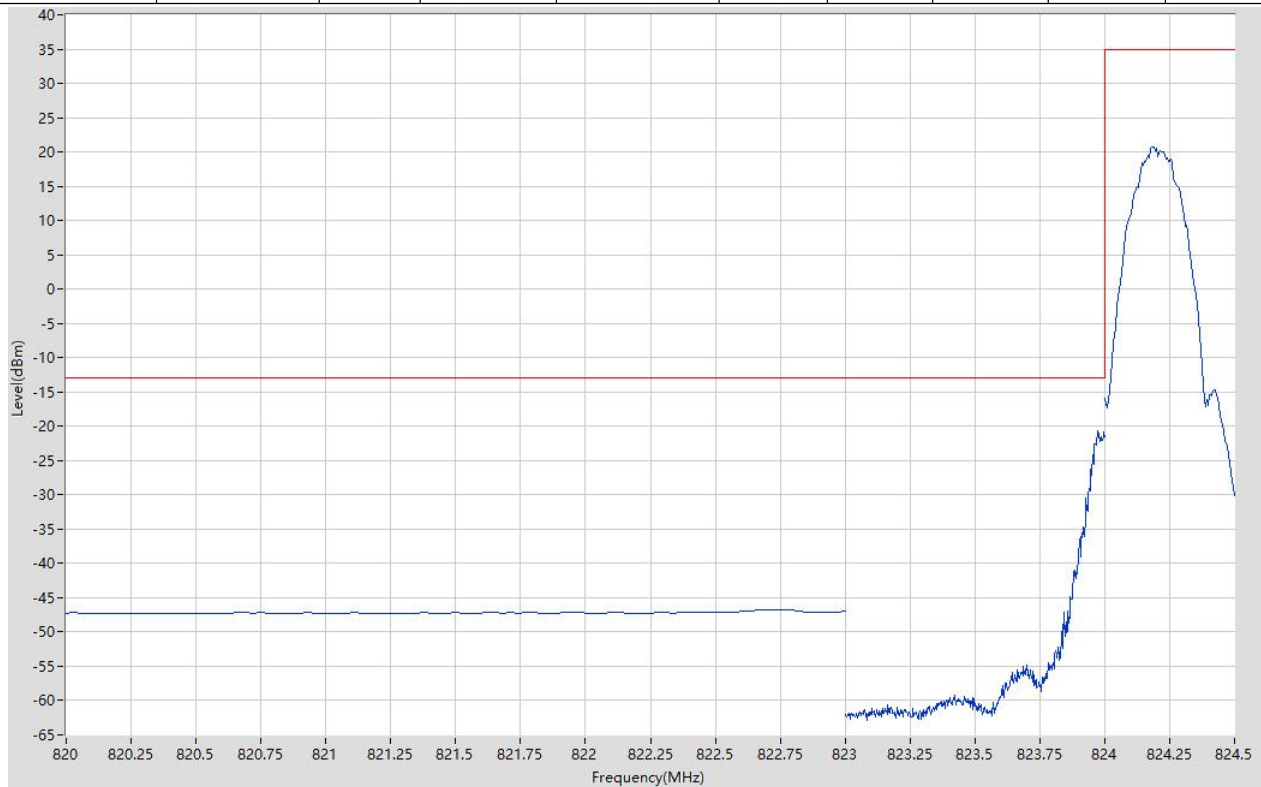
| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 66   | 1.4 MHz        | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB6#Low               | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB6#High              | Pass    |
|           | 3 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB15#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB15#High             | Pass    |
|           | 5 MHz          | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB25#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB25#High             | Pass    |
|           | 10 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB50#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB50#High             | Pass    |
|           | 15 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB75#Low              | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB75#High             | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
|           |                |              |           | RB75#High             | Pass    |
|           | 20 MHz         | LCH          | QPSK      | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                |              | 16-QAM    | RB1#Low               | Pass    |
|           |                |              |           | RB100#Low             | Pass    |
|           |                | HCH          | QPSK      | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |
|           |                |              | 16-QAM    | RB1#High              | Pass    |
|           |                |              |           | RB100#High            | Pass    |

## 1. GPRS\_GSM850

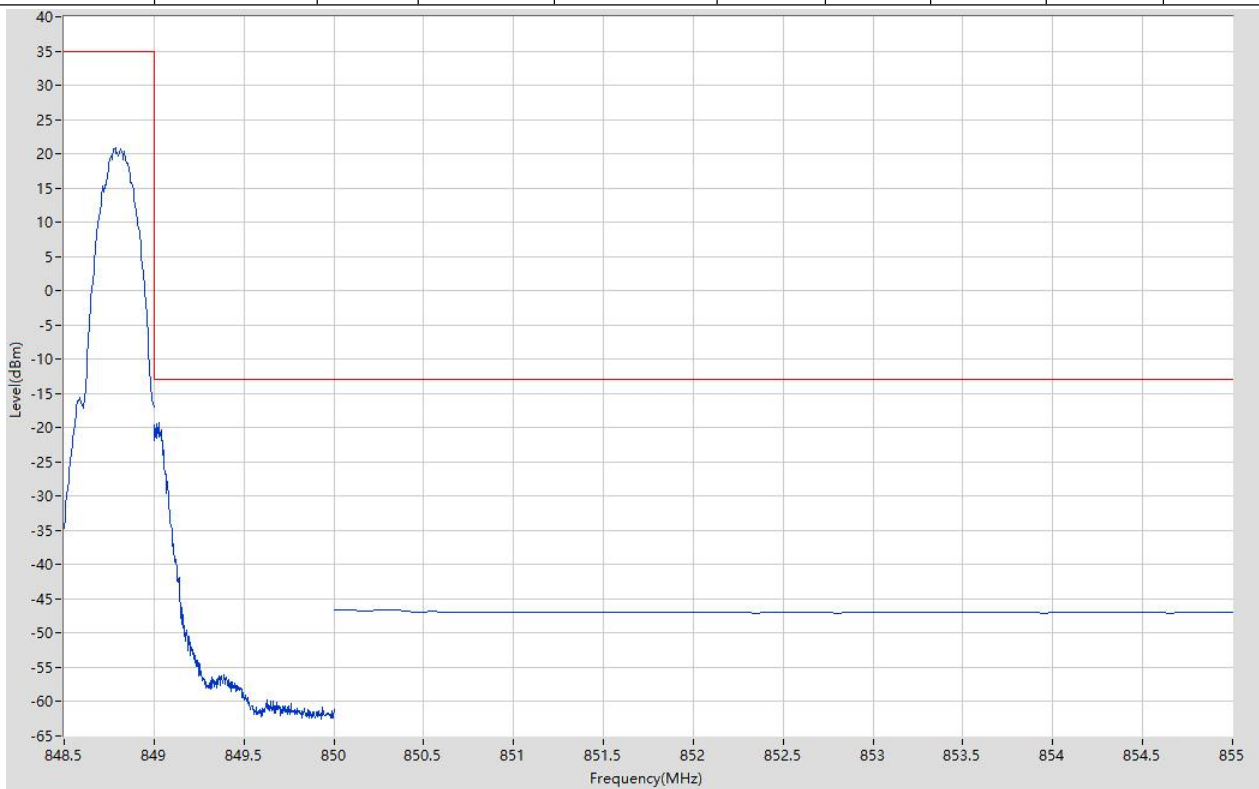
### 1.1 GPRS Band Edge\_Part22-24(Channel:128)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 820                   | 823                  | 0.1       | RMS      | 822.73          | -46.78      | -13         | 33.78       | Pass    | 101         |
| 823                   | 824                  | 0.003     | RMS      | 823.973         | -20.68      | -13         | 7.68        | Pass    | 334         |
| 824                   | 824.5                | 0.01      | RMS      | 824.18          | 20.76       | 35          | 14.24       | Pass    | 101         |



## 1.2 GPRS Band Edge\_Part22-24(Channel:251)(NTNV)

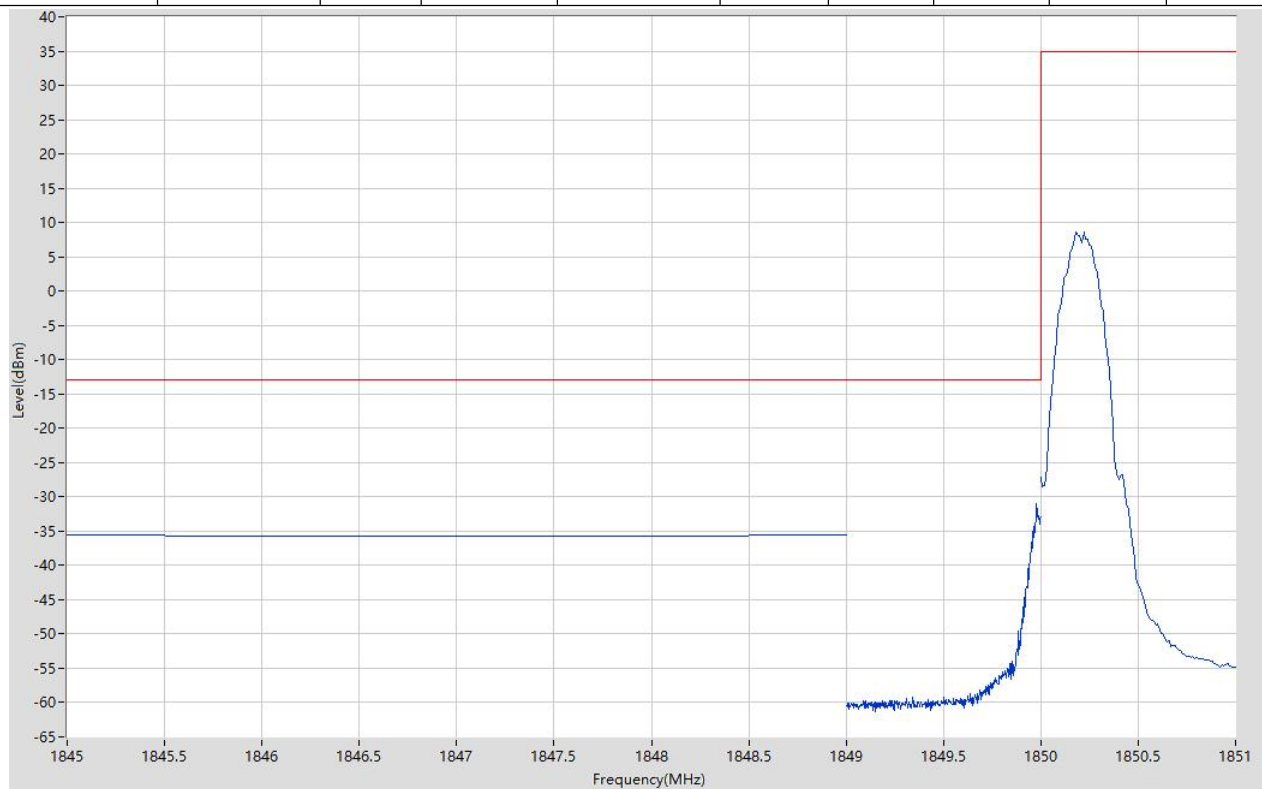
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 848.5                 | 849                  | 0.01      | RMS      | 848.785         | 20.87       | 35          | 14.13       | Pass    | 101         |
| 849                   | 850                  | 0.003     | RMS      | 849.027         | -19.27      | -13         | 6.27        | Pass    | 334         |
| 850                   | 855                  | 0.1       | RMS      | 850             | -46.63      | -13         | 33.63       | Pass    | 101         |



## 2. GPRS\_PCS

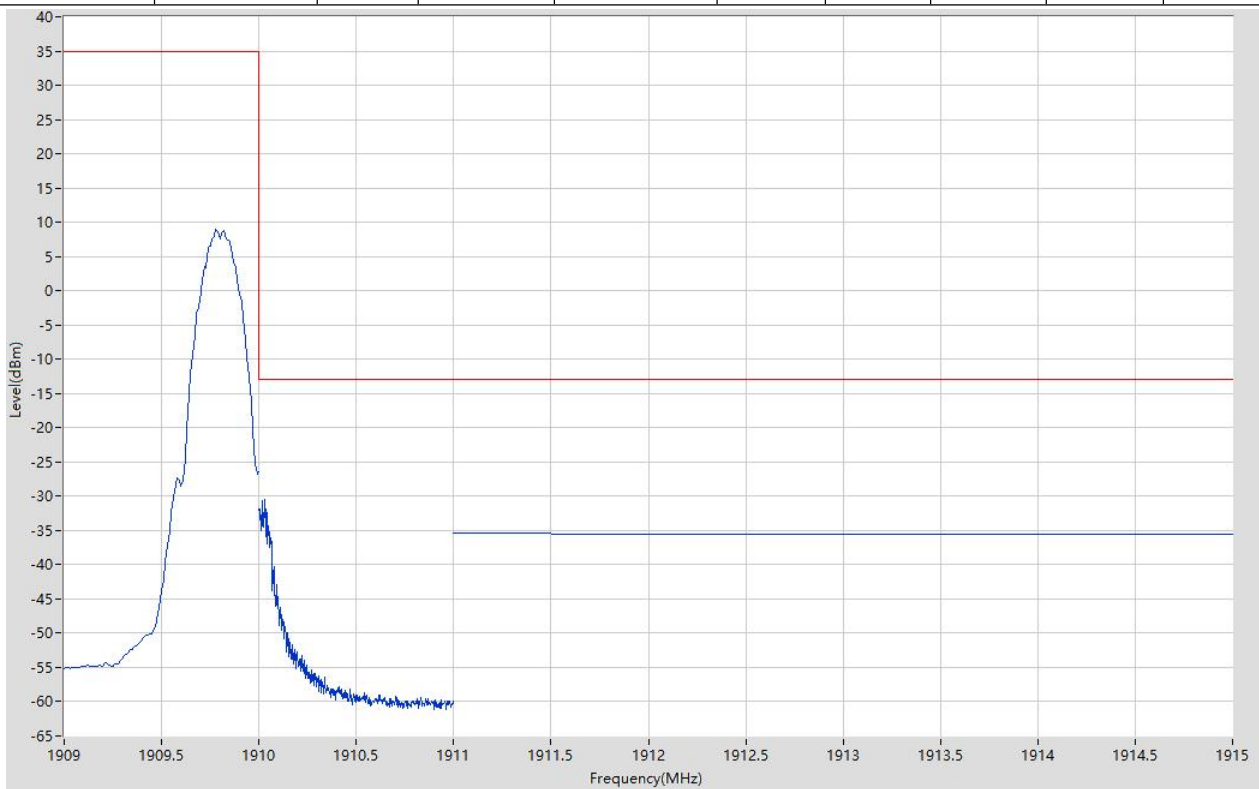
### 2.1 GPRS Band Edge\_Part22-24(Channel:512)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1845                  | 1849                 | 1         | RMS      | 1849            | -35.55      | -13         | 22.55       | Pass    | 5           |
| 1849                  | 1850                 | 0.003     | RMS      | 1849.979        | -31.06      | -13         | 18.06       | Pass    | 334         |
| 1850                  | 1851                 | 0.01      | RMS      | 1850.18         | 8.63        | 35          | 26.37       | Pass    | 101         |



## 2.2 GPRS Band Edge\_Part22-24(Channel:810)(NTNV)

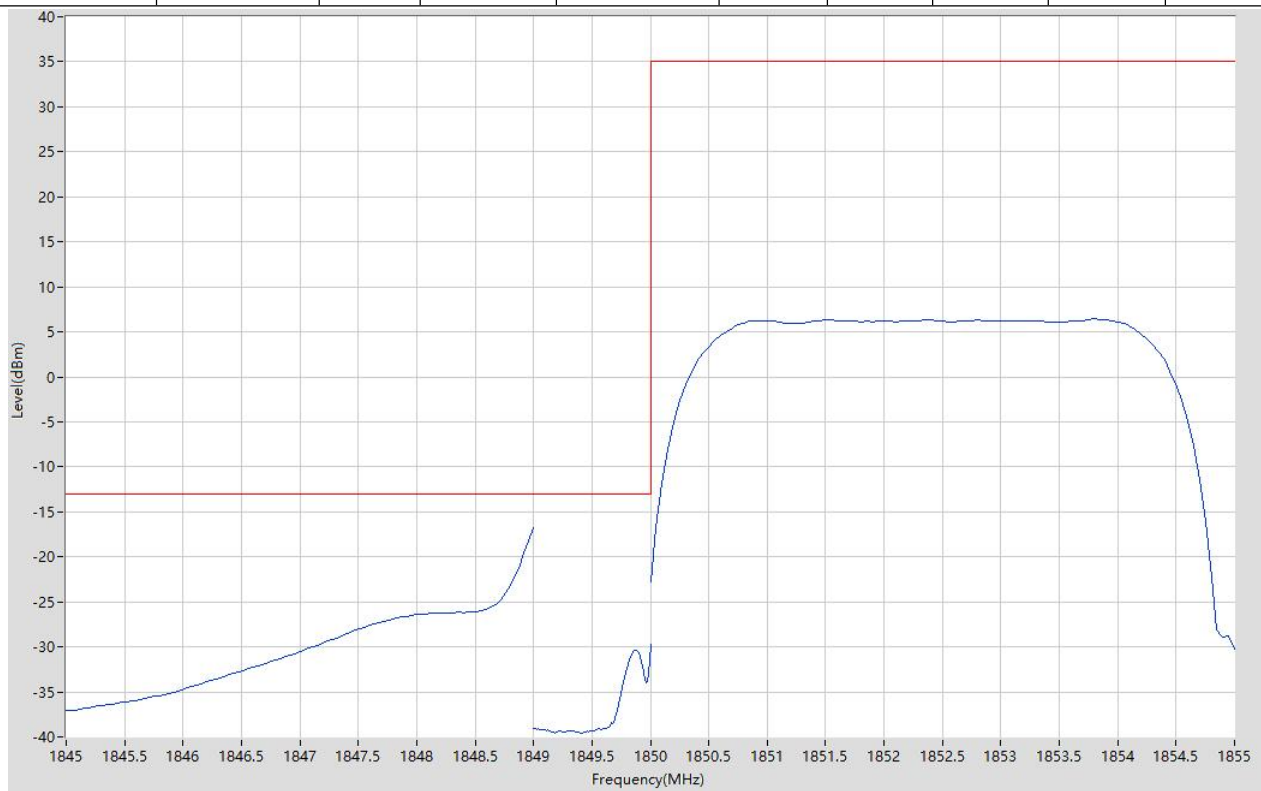
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1909                  | 1910                 | 0.01      | RMS      | 1909.78         | 8.95        | 35          | 26.05       | Pass    | 101         |
| 1910                  | 1911                 | 0.003     | RMS      | 1910.03         | -30.42      | -13         | 17.42       | Pass    | 334         |
| 1911                  | 1915                 | 1         | RMS      | 1911            | -35.35      | -13         | 22.35       | Pass    | 5           |



## 1. WCDMA\_Band2

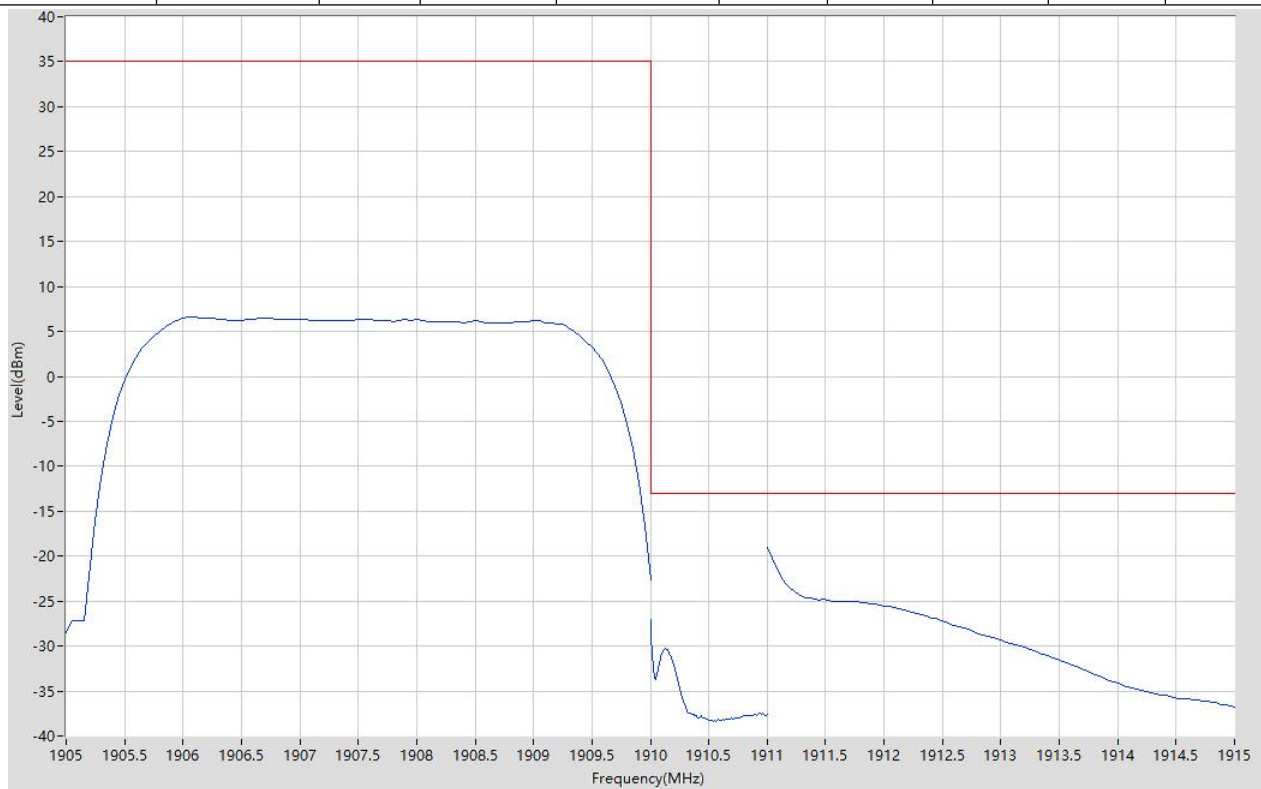
### 1.1 WCDMA Band Edge\_Part22-24-27(Channel:9262)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1845                  | 1849                 | 1         | RMS      | 1849            | -16.8       | -13         | 3.8         | Pass    | 101         |
| 1849                  | 1850                 | 0.051     | RMS      | 1850            | -29.68      | -13         | 16.68       | Pass    | 101         |
| 1850                  | 1855                 | 0.1       | RMS      | 1853.8          | 6.41        | 35          | 28.59       | Pass    | 101         |



## 1.2 WCDMA Band Edge\_Part22-24-27(Channel:9538)(NTNV)

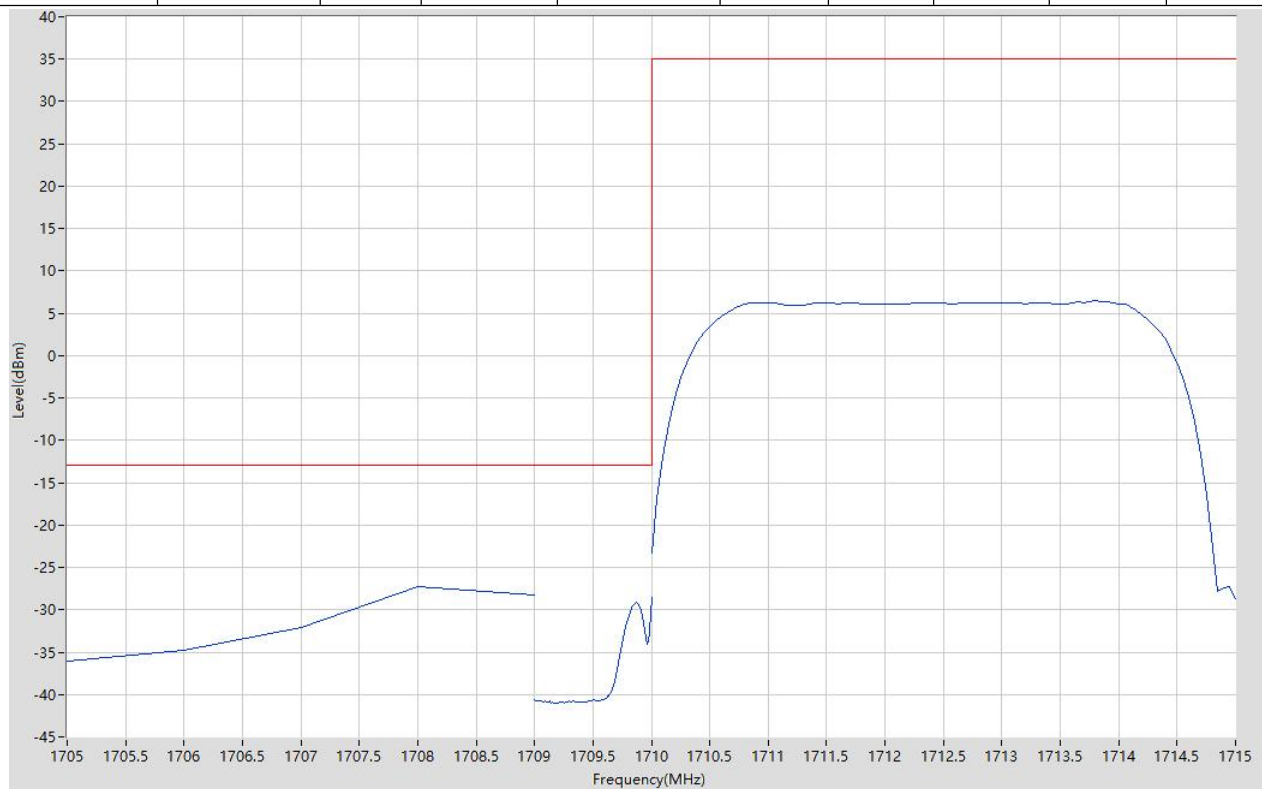
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1905                  | 1910                 | 0.1       | RMS      | 1906.05         | 6.59        | 35          | 28.41       | Pass    | 101         |
| 1910                  | 1911                 | 0.051     | RMS      | 1910            | -27.03      | -13         | 14.03       | Pass    | 101         |
| 1911                  | 1915                 | 1         | RMS      | 1911            | -19.06      | -13         | 6.06        | Pass    | 101         |



## 2. WCDMA\_Band4

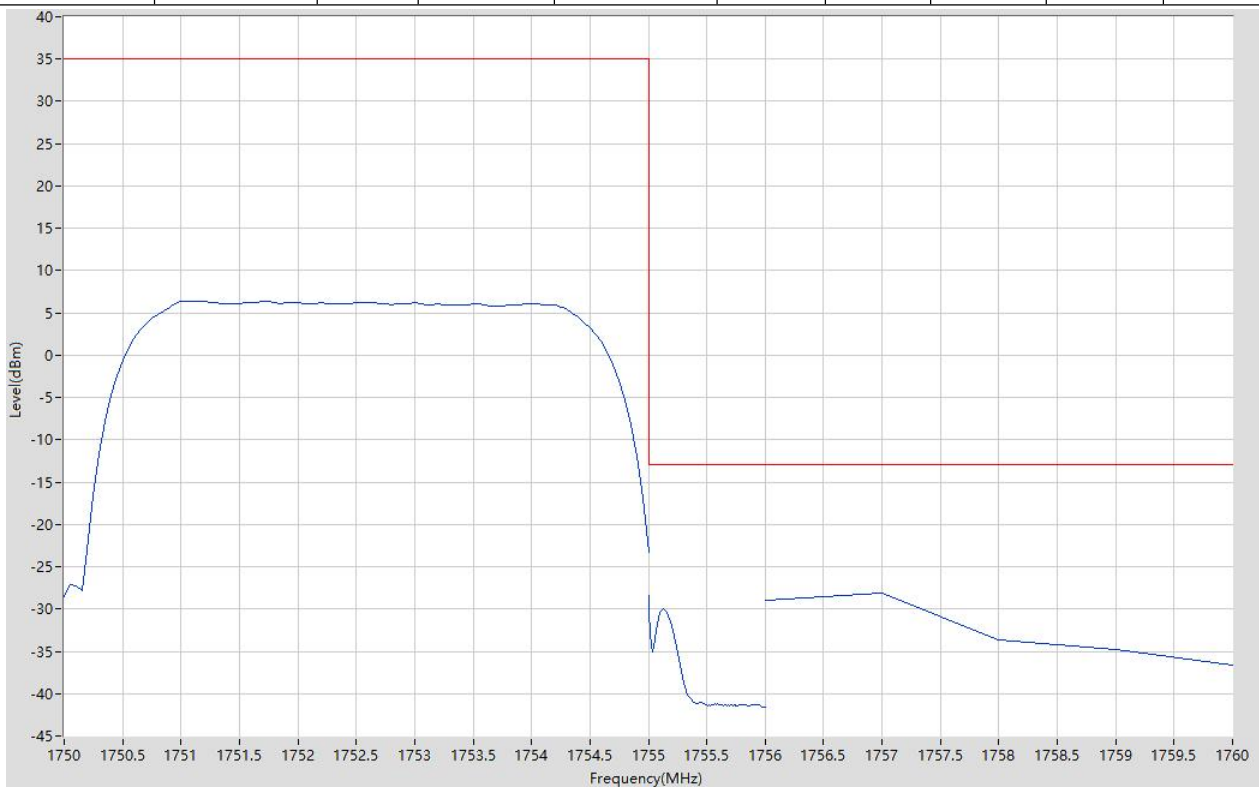
### 2.1 WCDMA Band Edge\_Part22-24-27(Channel:1312)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1705                  | 1709                 | 1         | RMS      | 1708            | -27.3       | -13         | 14.3        | Pass    | 5           |
| 1709                  | 1710                 | 0.051     | RMS      | 1710            | -28.5       | -13         | 15.5        | Pass    | 101         |
| 1710                  | 1715                 | 0.1       | RMS      | 1713.8          | 6.46        | 35          | 28.54       | Pass    | 101         |



## 2.2 WCDMA Band Edge\_Part22-24-27(Channel:1513)(NTNV)

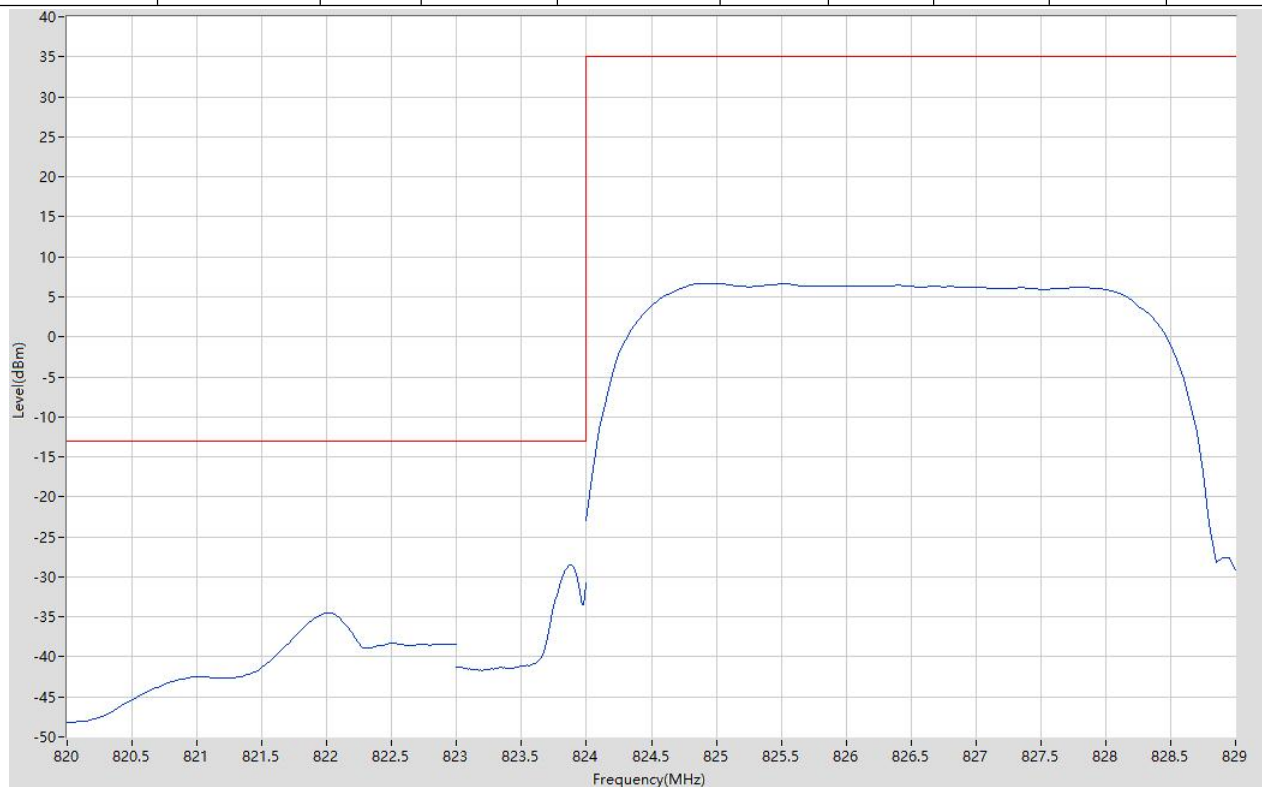
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1750                  | 1755                 | 0.1       | RMS      | 1751.1          | 6.42        | 35          | 28.58       | Pass    | 101         |
| 1755                  | 1756                 | 0.051     | RMS      | 1755            | -28.34      | -13         | 15.34       | Pass    | 101         |
| 1756                  | 1760                 | 1         | RMS      | 1757            | -28.14      | -13         | 15.14       | Pass    | 5           |



### 3. WCDMA\_Band5

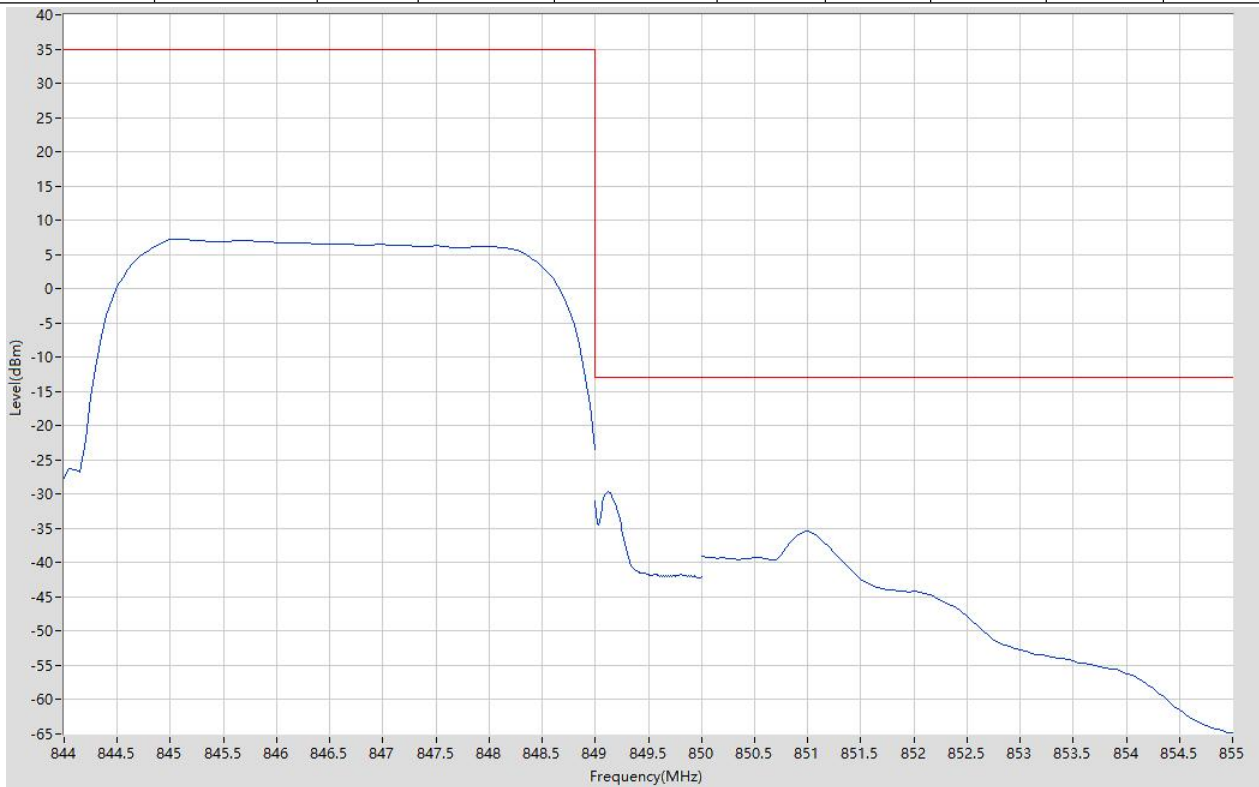
#### 3.1 WCDMA Band Edge\_Part22-24-27(Channel:4132)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 820                   | 823                  | 0.1       | RMS      | 821.98          | -34.47      | -13         | 21.47       | Pass    | 101         |
| 823                   | 824                  | 0.051     | RMS      | 823.87          | -28.55      | -13         | 15.55       | Pass    | 101         |
| 824                   | 829                  | 0.1       | RMS      | 824.9           | 6.69        | 35          | 28.31       | Pass    | 101         |



### 3.2 WCDMA Band Edge\_Part22-24-27(Channel:4233)(NTNV)

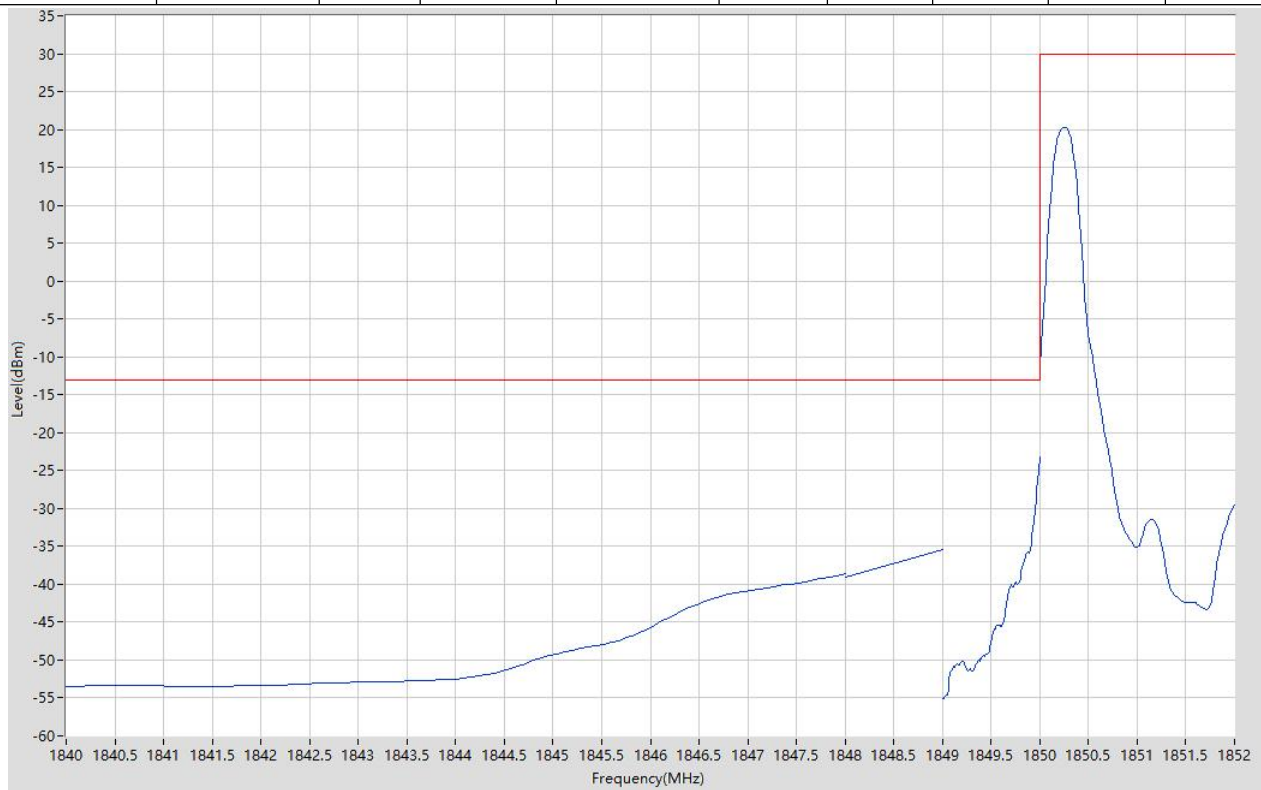
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 844                   | 849                  | 0.1       | RMS      | 845.05          | 7.26        | 35          | 27.74       | Pass    | 101         |
| 849                   | 850                  | 0.051     | RMS      | 849.12          | -29.67      | -13         | 16.67       | Pass    | 101         |
| 850                   | 855                  | 0.1       | RMS      | 851             | -35.44      | -13         | 22.44       | Pass    | 101         |



## 1. LTE\_Band2

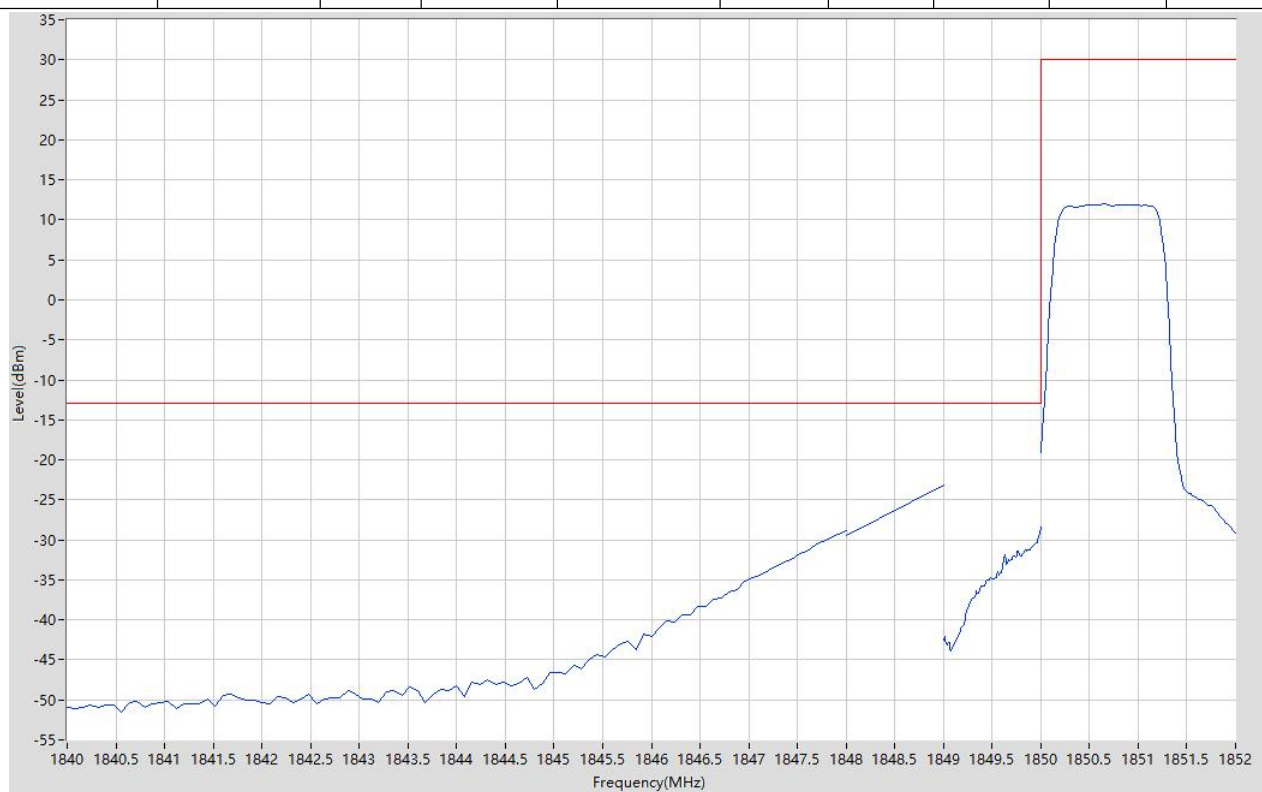
### 1.1 LTE Band Edge\_Part22-24-27(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -38.65      | -13         | 25.65       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -35.47      | -13         | 22.47       | Pass    | 2           |
| 1849                  | 1850                 | 0.02      | RMS      | 1850            | -23.22      | -13         | 10.22       | Pass    | 101         |
| 1850                  | 1852                 | 0.1       | RMS      | 1850.26         | 20.31       | 30          | 9.69        | Pass    | 101         |



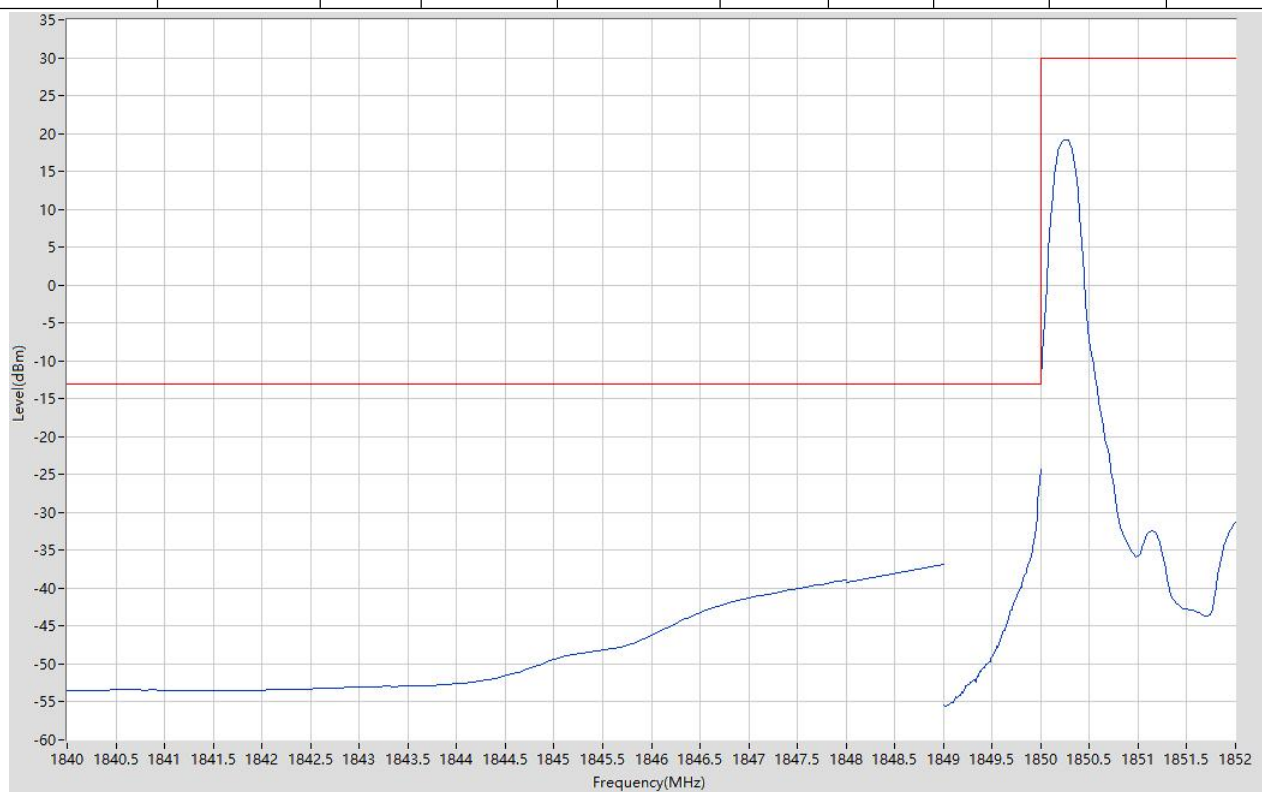
## 1.2 LTE Band Edge\_Part22-24-27(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -28.8       | -13         | 15.8        | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -23.21      | -13         | 10.21       | Pass    | 2           |
| 1849                  | 1850                 | 0.02      | RMS      | 1850            | -28.4       | -13         | 15.4        | Pass    | 101         |
| 1850                  | 1852                 | 0.1       | RMS      | 1850.64         | 11.96       | 30          | 18.04       | Pass    | 101         |



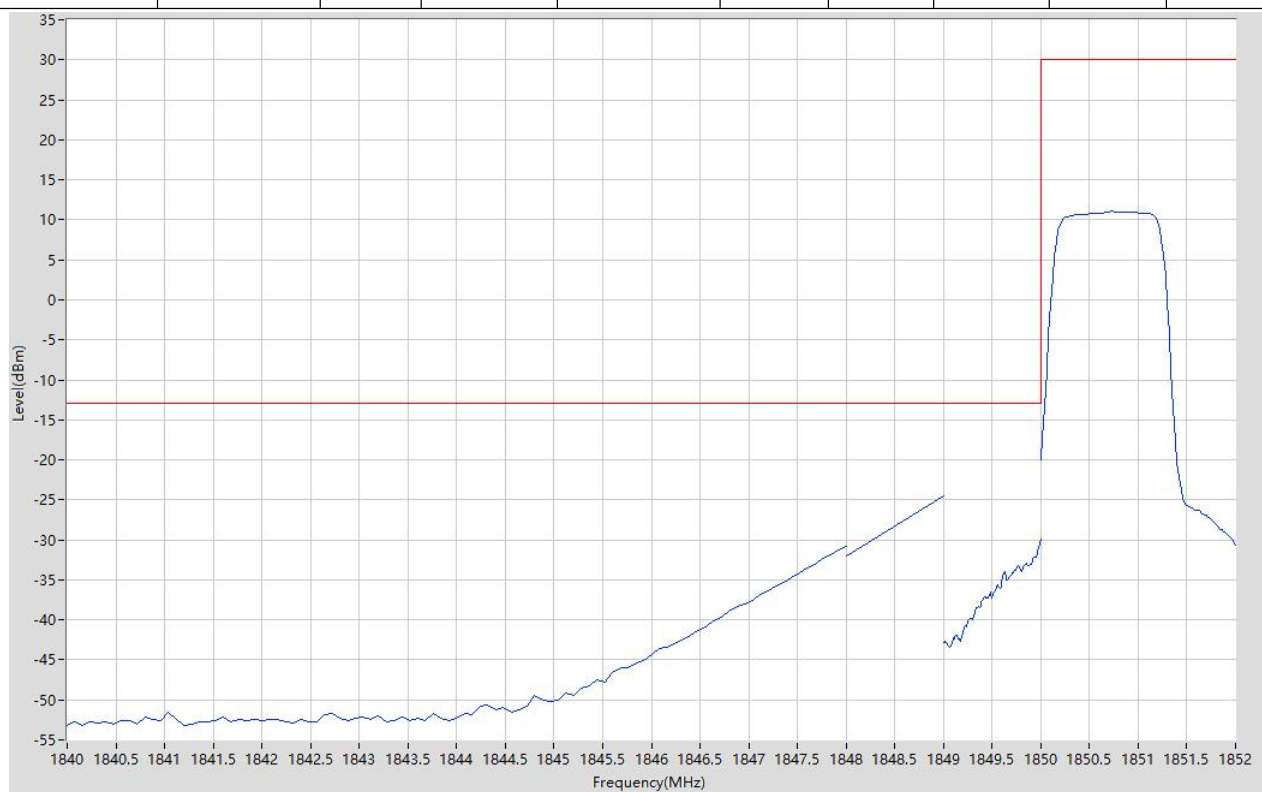
### 1.3 LTE Band Edge\_Part22-24-27(Subtest:3, Channel:18607, Bandwidth:1.4, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -38.9       | -13         | 25.9        | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -36.88      | -13         | 23.88       | Pass    | 2           |
| 1849                  | 1850                 | 0.02      | RMS      | 1850            | -24.24      | -13         | 11.24       | Pass    | 101         |
| 1850                  | 1852                 | 0.1       | RMS      | 1850.26         | 19.19       | 30          | 10.81       | Pass    | 101         |



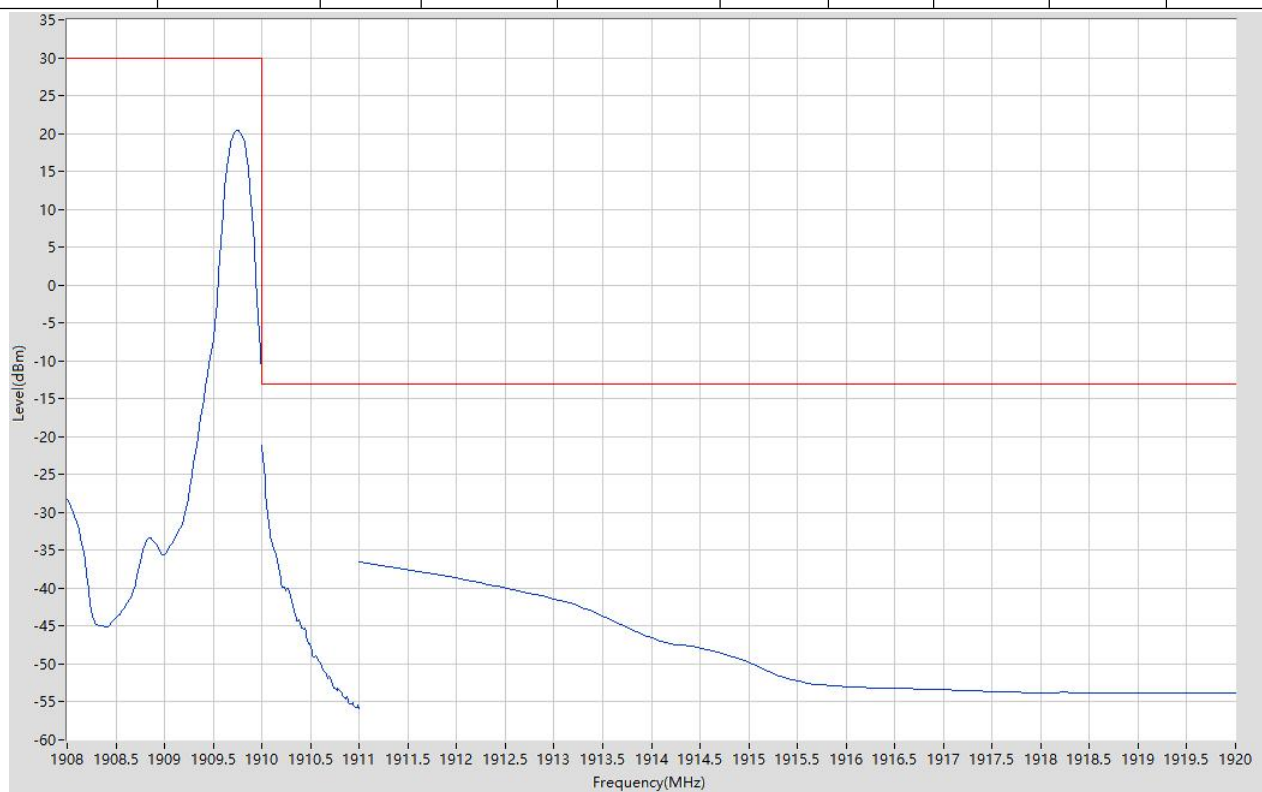
#### 1.4 LTE Band Edge\_Part22-24-27(Subtest:4, Channel:18607, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -30.8       | -13         | 17.8        | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -24.56      | -13         | 11.56       | Pass    | 2           |
| 1849                  | 1850                 | 0.02      | RMS      | 1850            | -29.95      | -13         | 16.95       | Pass    | 101         |
| 1850                  | 1852                 | 0.1       | RMS      | 1850.74         | 11.06       | 30          | 18.94       | Pass    | 101         |



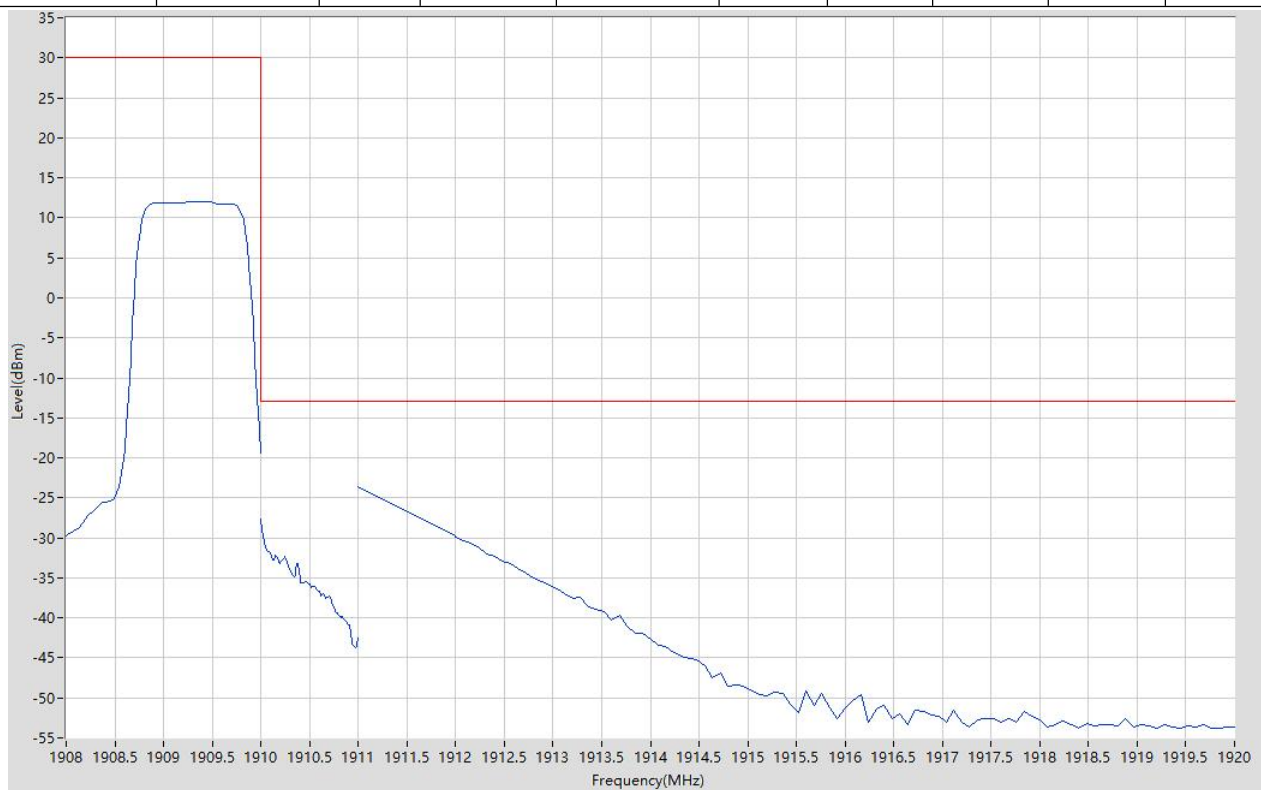
# 1.5 LTE Band Edge\_Part22-24-27(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number:1, RB Position:5)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1908                  | 1910                 | 0.1       | RMS      | 1909.74         | 20.34       | 30          | 9.66        | Pass    | 101         |
| 1910                  | 1911                 | 0.02      | RMS      | 1910            | -21.19      | -13         | 8.19        | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -36.57      | -13         | 23.57       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -38.62      | -13         | 25.62       | Pass    | 101         |



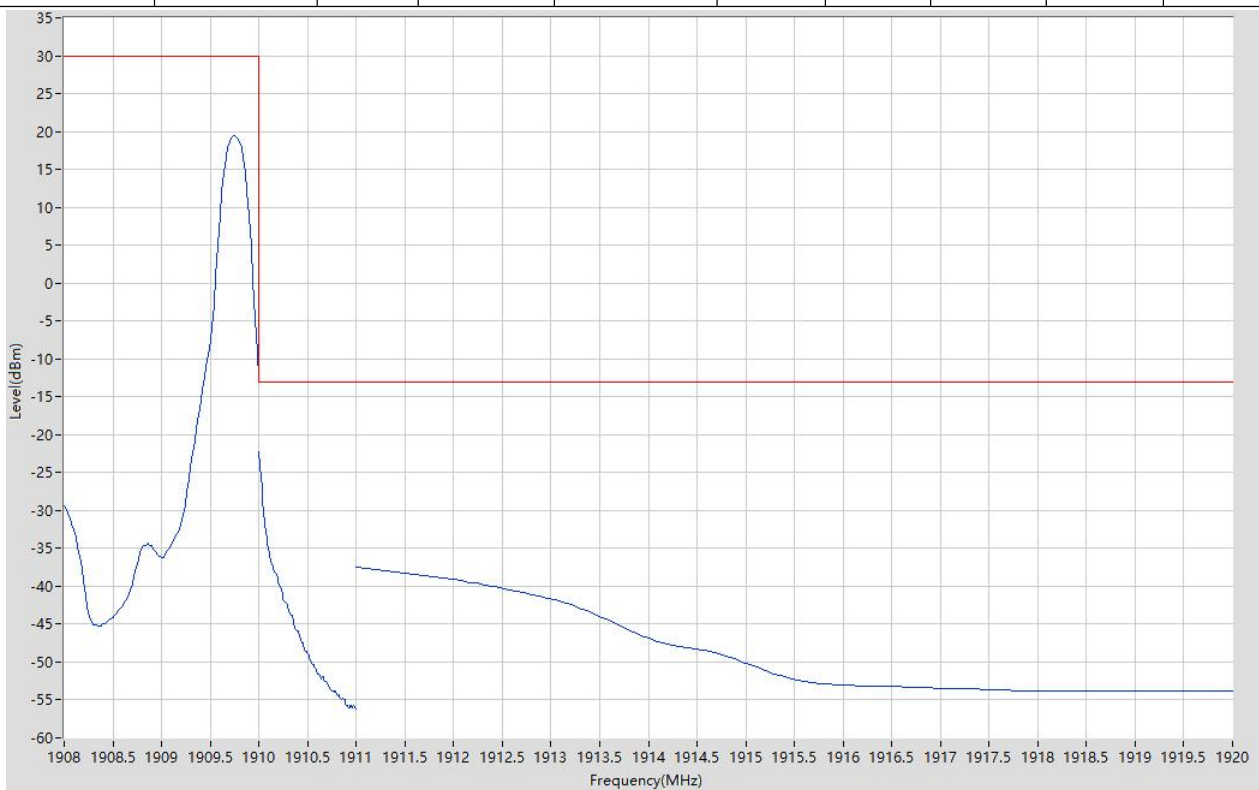
# 1.6 LTE Band Edge\_Part22-24-27(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1908                  | 1910                 | 0.1       | RMS      | 1909.44         | 12.06       | 30          | 17.94       | Pass    | 101         |
| 1910                  | 1911                 | 0.02      | RMS      | 1910            | -27.65      | -13         | 14.65       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -23.57      | -13         | 10.57       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -29.87      | -13         | 16.87       | Pass    | 101         |



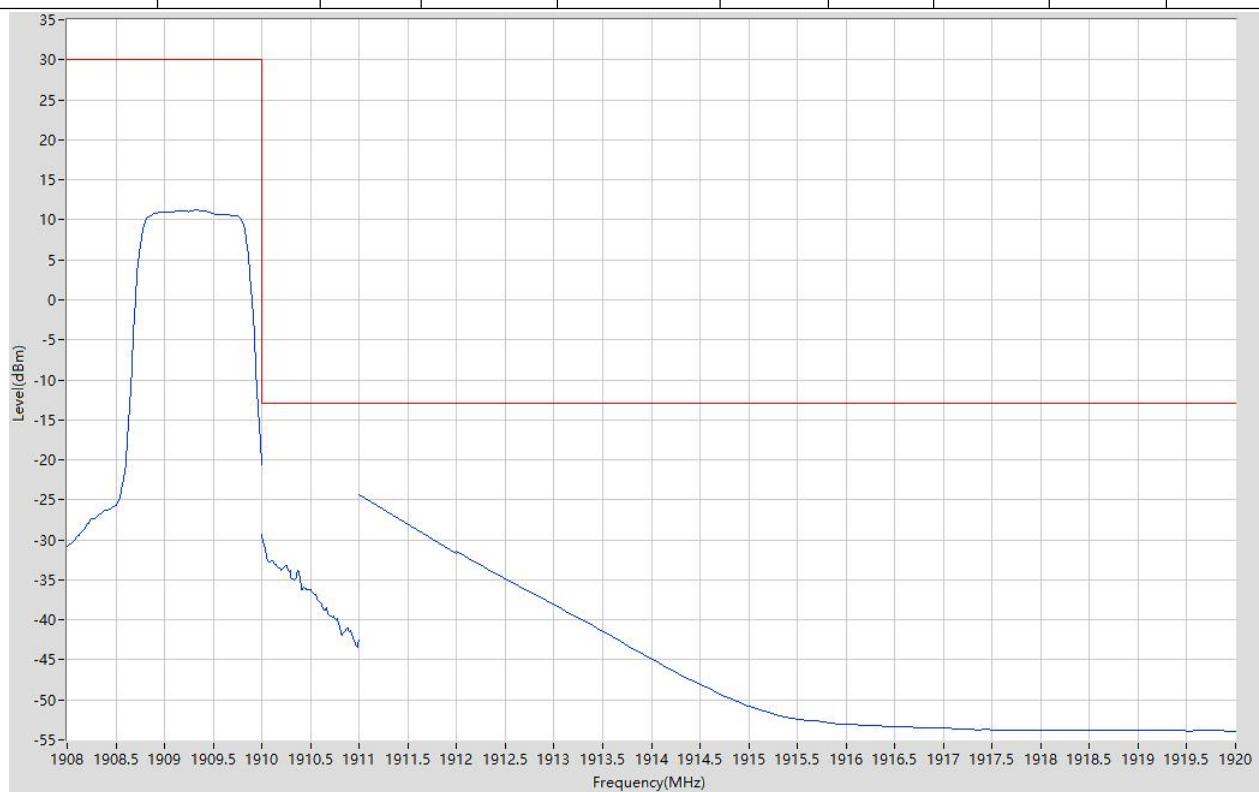
### 1.7 LTE Band Edge\_Part22-24-27(Subtest:7, Channel:19193, Bandwidth:1.4, Modulation:16QAM, RB Number:1, RB Position:5)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1908                  | 1910                 | 0.1       | RMS      | 1909.74         | 19.38       | 30          | 10.62       | Pass    | 101         |
| 1910                  | 1911                 | 0.02      | RMS      | 1910            | -22.2       | -13         | 9.2         | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -37.4       | -13         | 24.4        | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -39.12      | -13         | 26.12       | Pass    | 101         |



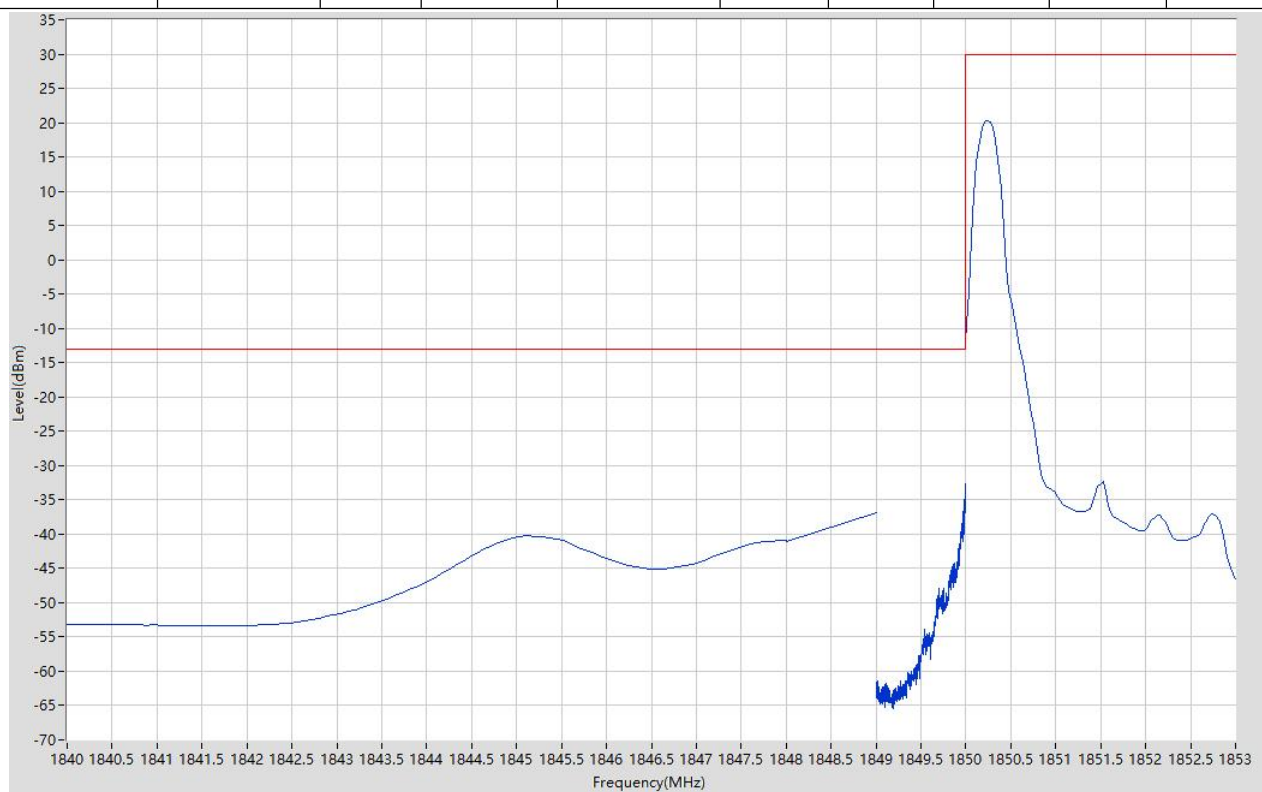
# 1.8 LTE Band Edge\_Part22-24-27(Subtest:8, Channel:19193, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1908                  | 1910                 | 0.1       | RMS      | 1909.34         | 11.21       | 30          | 18.79       | Pass    | 101         |
| 1910                  | 1911                 | 0.02      | RMS      | 1910            | -29.3       | -13         | 16.3        | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -24.34      | -13         | 11.34       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -31.46      | -13         | 18.46       | Pass    | 101         |



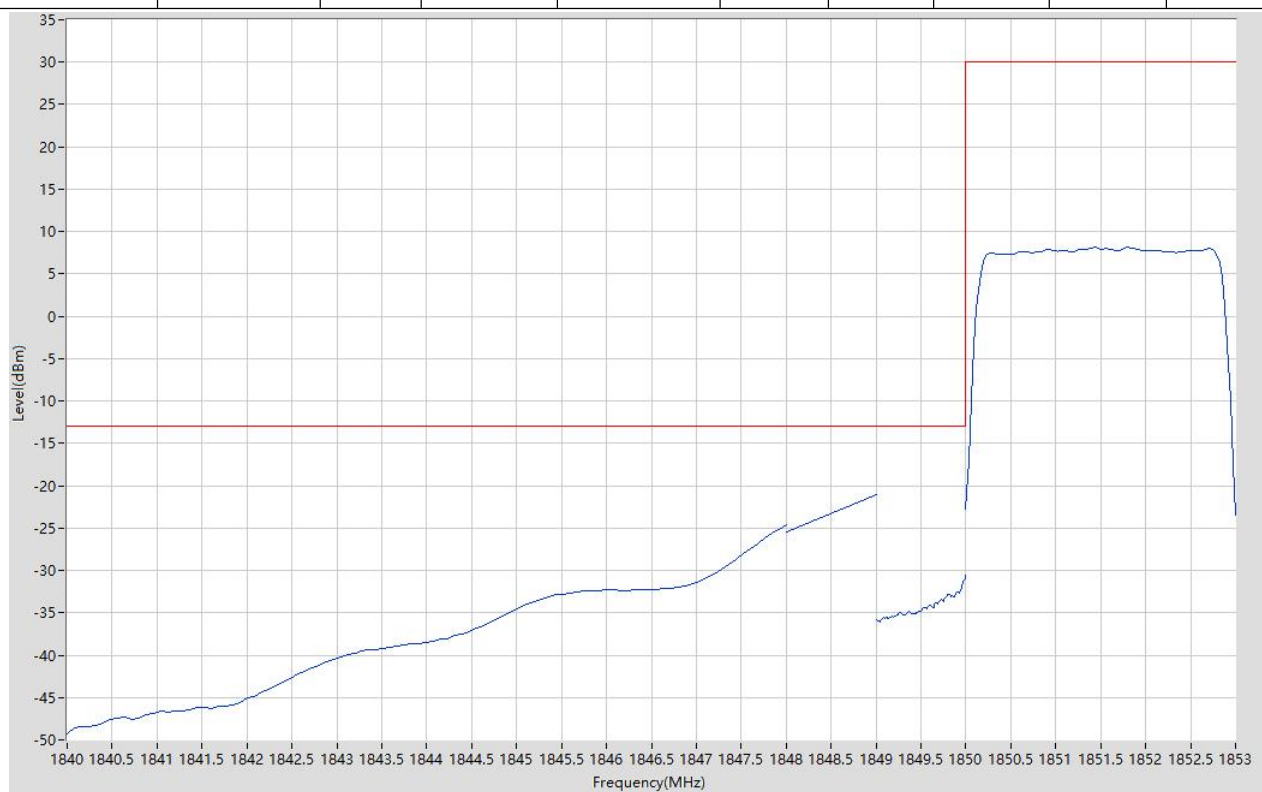
### 1.9 LTE Band Edge\_Part22-24-27(Subtest:9, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1845.12         | -40.24      | -13         | 27.24       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -36.92      | -13         | 23.92       | Pass    | 2           |
| 1849                  | 1850                 | 0.002     | RMS      | 1849.998        | -32.66      | -13         | 19.66       | Pass    | 501         |
| 1850                  | 1853                 | 0.1       | RMS      | 1850.24         | 20.33       | 30          | 9.67        | Pass    | 101         |



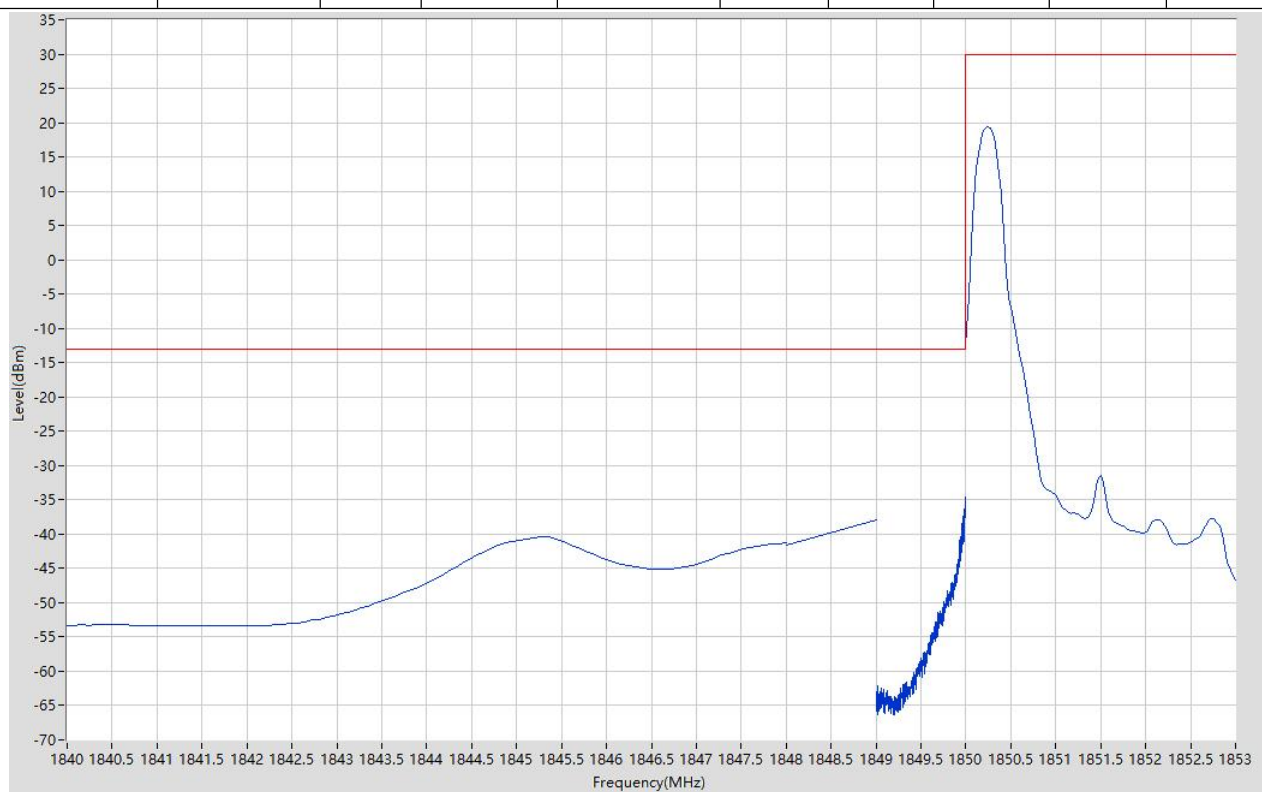
### 1.10 LTE Band Edge\_Part22-24-27(Subtest:10, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -24.64      | -13         | 11.64       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -20.98      | -13         | 7.98        | Pass    | 2           |
| 1849                  | 1850                 | 0.03      | RMS      | 1850            | -30.57      | -13         | 17.57       | Pass    | 101         |
| 1850                  | 1853                 | 0.1       | RMS      | 1851.44         | 8.15        | 30          | 21.85       | Pass    | 101         |



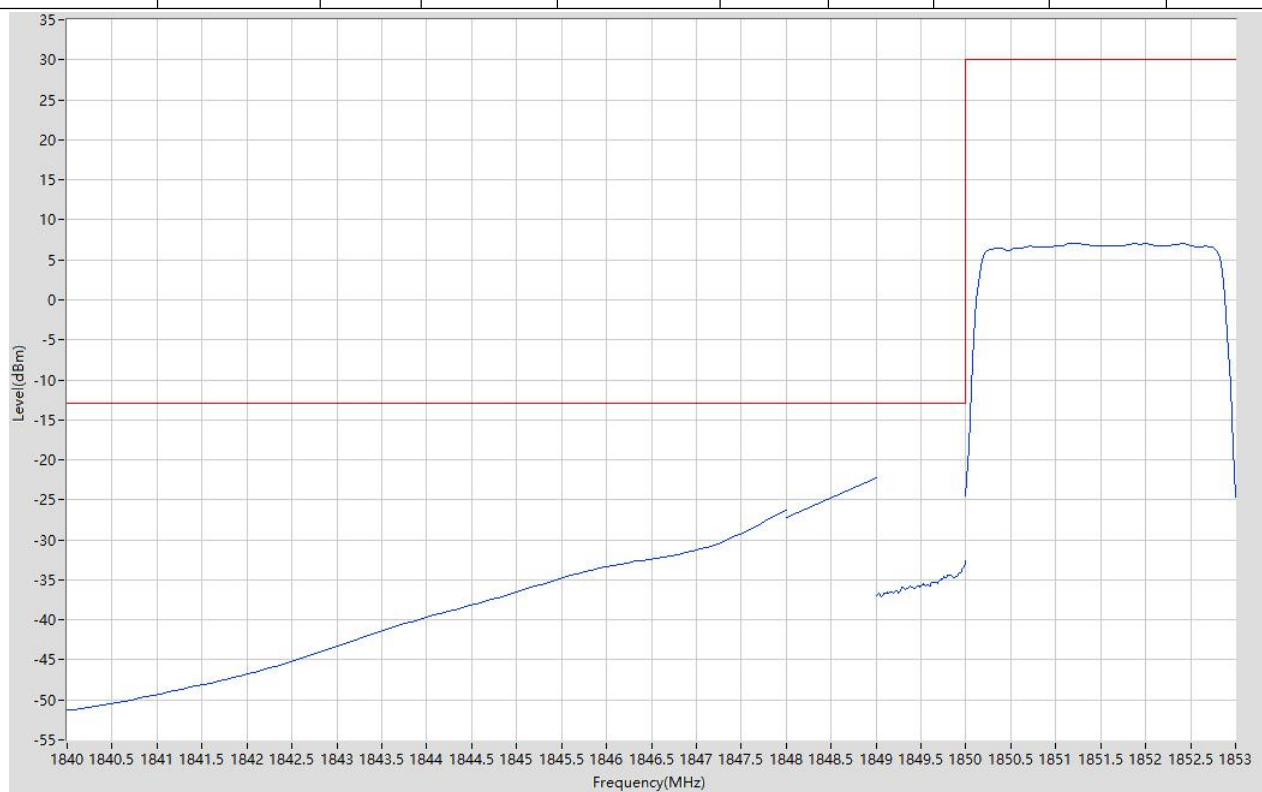
### 1.11 LTE Band Edge\_Part22-24-27(Subtest:11, Channel:18615, Bandwidth:3, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1845.28         | -40.32      | -13         | 27.32       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -37.86      | -13         | 24.86       | Pass    | 2           |
| 1849                  | 1850                 | 0.002     | RMS      | 1850            | -34.53      | -13         | 21.53       | Pass    | 501         |
| 1850                  | 1853                 | 0.1       | RMS      | 1850.24         | 19.41       | 30          | 10.59       | Pass    | 101         |



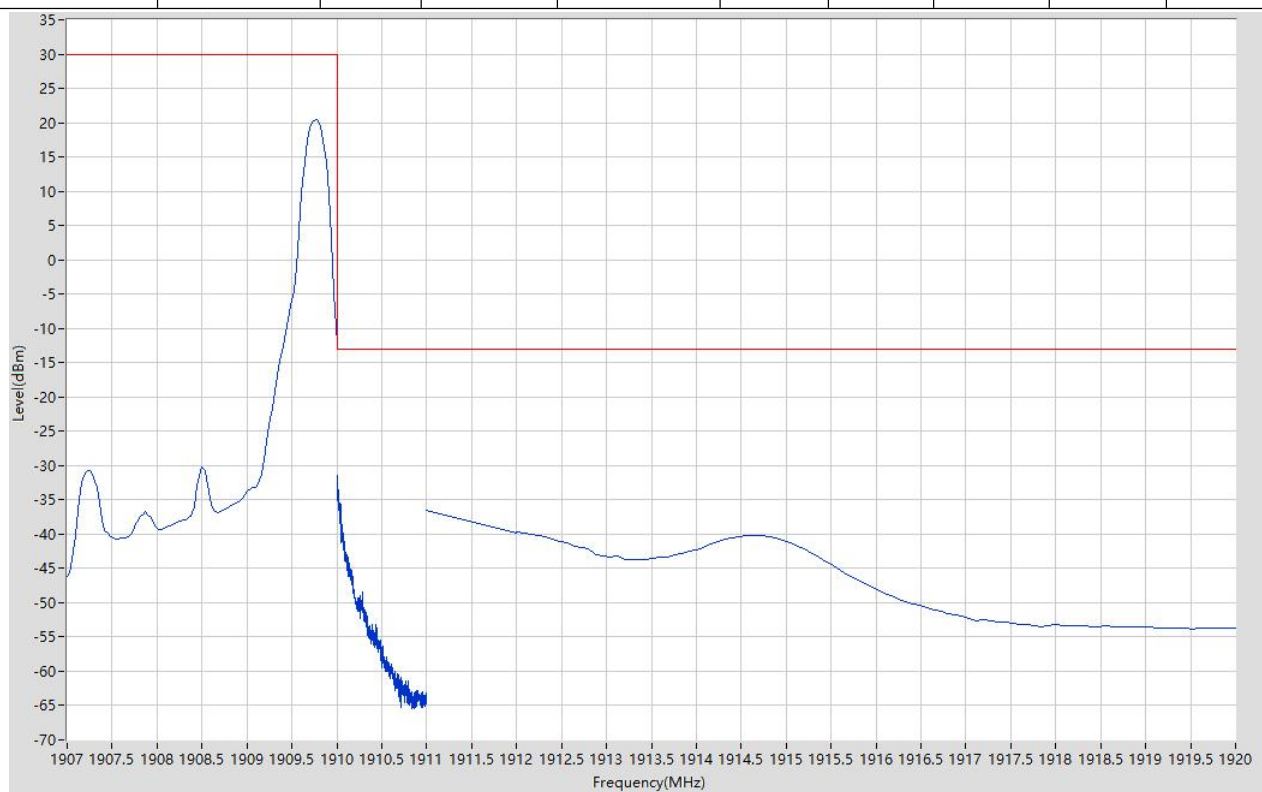
### 1.12 LTE Band Edge\_Part22-24-27(Subtest:12, Channel:18615, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -26.29      | -13         | 13.29       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -22.19      | -13         | 9.19        | Pass    | 2           |
| 1849                  | 1850                 | 0.03      | RMS      | 1850            | -32.58      | -13         | 19.58       | Pass    | 101         |
| 1850                  | 1853                 | 0.1       | RMS      | 1851.23         | 7.05        | 30          | 22.95       | Pass    | 101         |



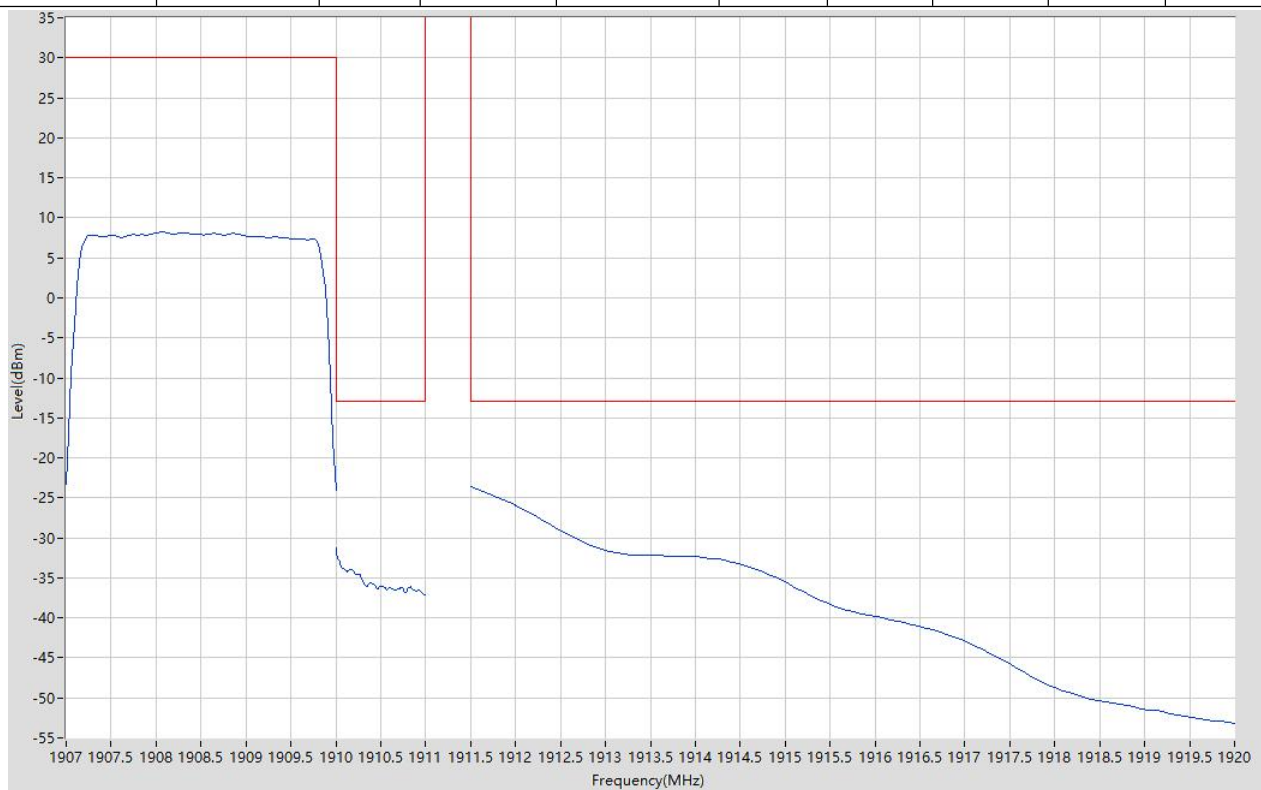
### 1.13 LTE Band Edge\_Part22-24-27(Subtest:13, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number:1, RB Position:14)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1907                  | 1910                 | 0.1       | RMS      | 1909.76         | 20.43       | 30          | 9.57        | Pass    | 101         |
| 1910                  | 1911                 | 0.002     | RMS      | 1910            | -31.45      | -13         | 18.45       | Pass    | 501         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -36.58      | -13         | 23.58       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -39.61      | -13         | 26.61       | Pass    | 101         |



### 1.14 LTE Band Edge\_Part22-24-27(Subtest:14, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number:15, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1907                  | 1910                 | 0.1       | RMS      | 1908.08         | 8.23        | 30          | 21.77       | Pass    | 101         |
| 1910                  | 1911                 | 0.03      | RMS      | 1910            | -31.26      | -13         | 18.26       | Pass    | 101         |
| 1911.5                | 1912                 | 1         | RMS      | 1911.5          | -23.66      | -13         | 10.66       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -25.95      | -13         | 12.95       | Pass    | 101         |



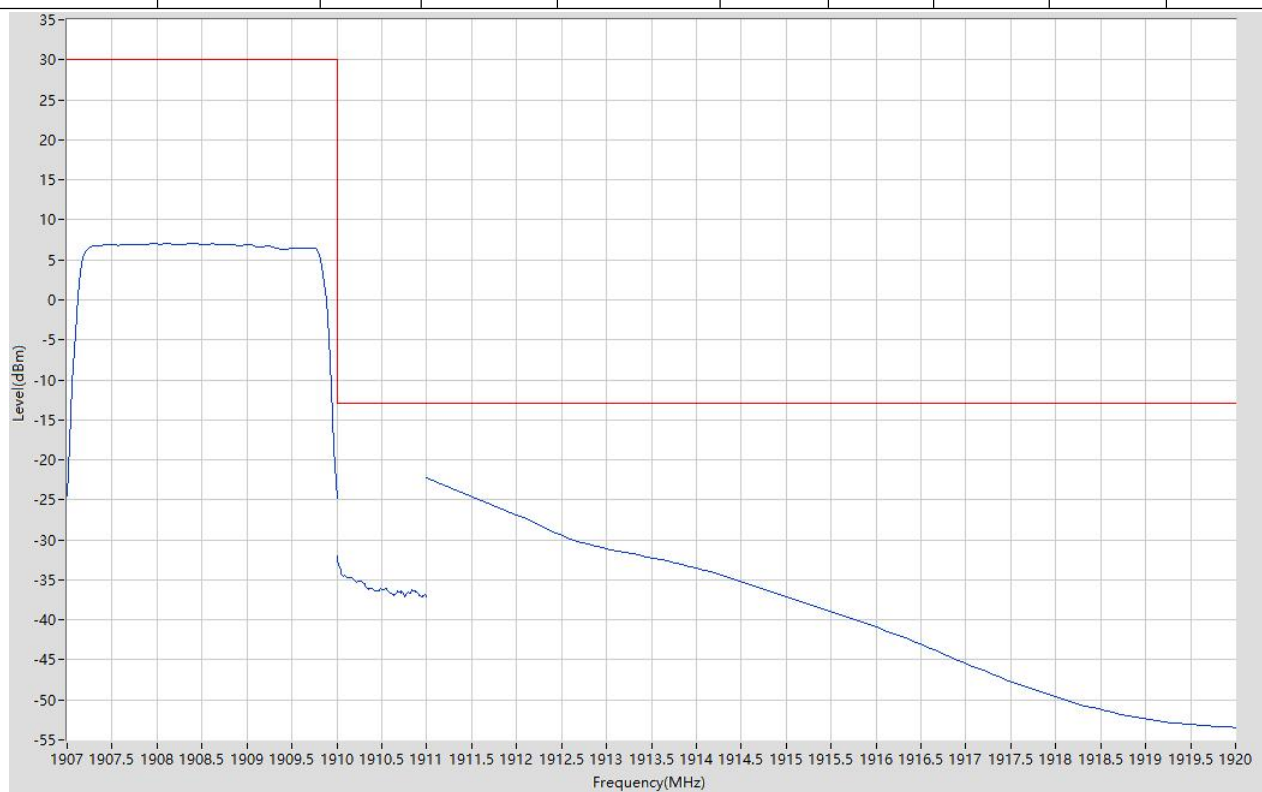
### 1.15 LTE Band Edge\_Part22-24-27(Subtest:15, Channel:19185, Bandwidth:3, Modulation:16QAM, RB Number:1, RB Position:14)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1907                  | 1910                 | 0.1       | RMS      | 1909.76         | 19.42       | 30          | 10.58       | Pass    | 101         |
| 1910                  | 1911                 | 0.002     | RMS      | 1910.002        | -32.26      | -13         | 19.26       | Pass    | 501         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -37.9       | -13         | 24.9        | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -40.79      | -13         | 27.79       | Pass    | 101         |



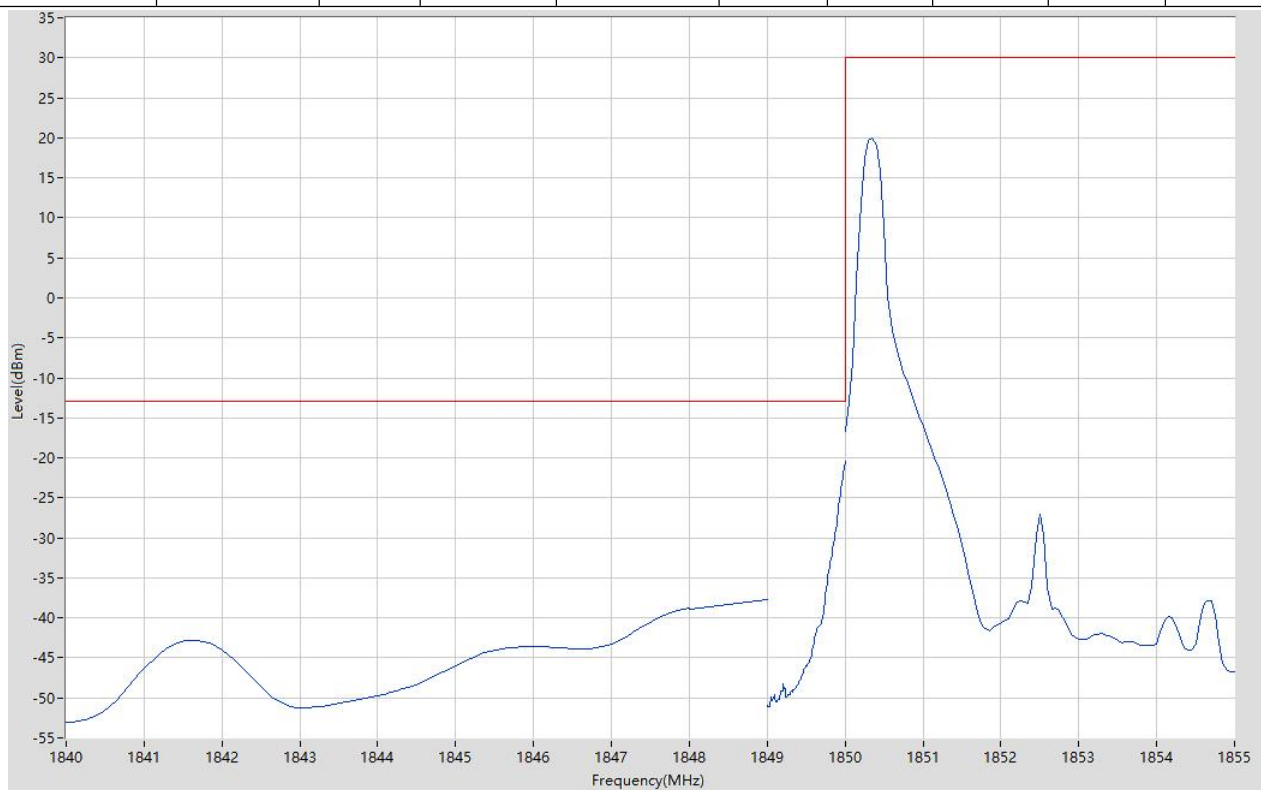
### 1.16 LTE Band Edge\_Part22-24-27(Subtest:16, Channel:19185, Bandwidth:3, Modulation:16QAM, RB Number:15, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1907                  | 1910                 | 0.1       | RMS      | 1907.96         | 7.04        | 30          | 22.96       | Pass    | 101         |
| 1910                  | 1911                 | 0.03      | RMS      | 1910            | -31.95      | -13         | 18.95       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -22.32      | -13         | 9.32        | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -26.84      | -13         | 13.84       | Pass    | 101         |



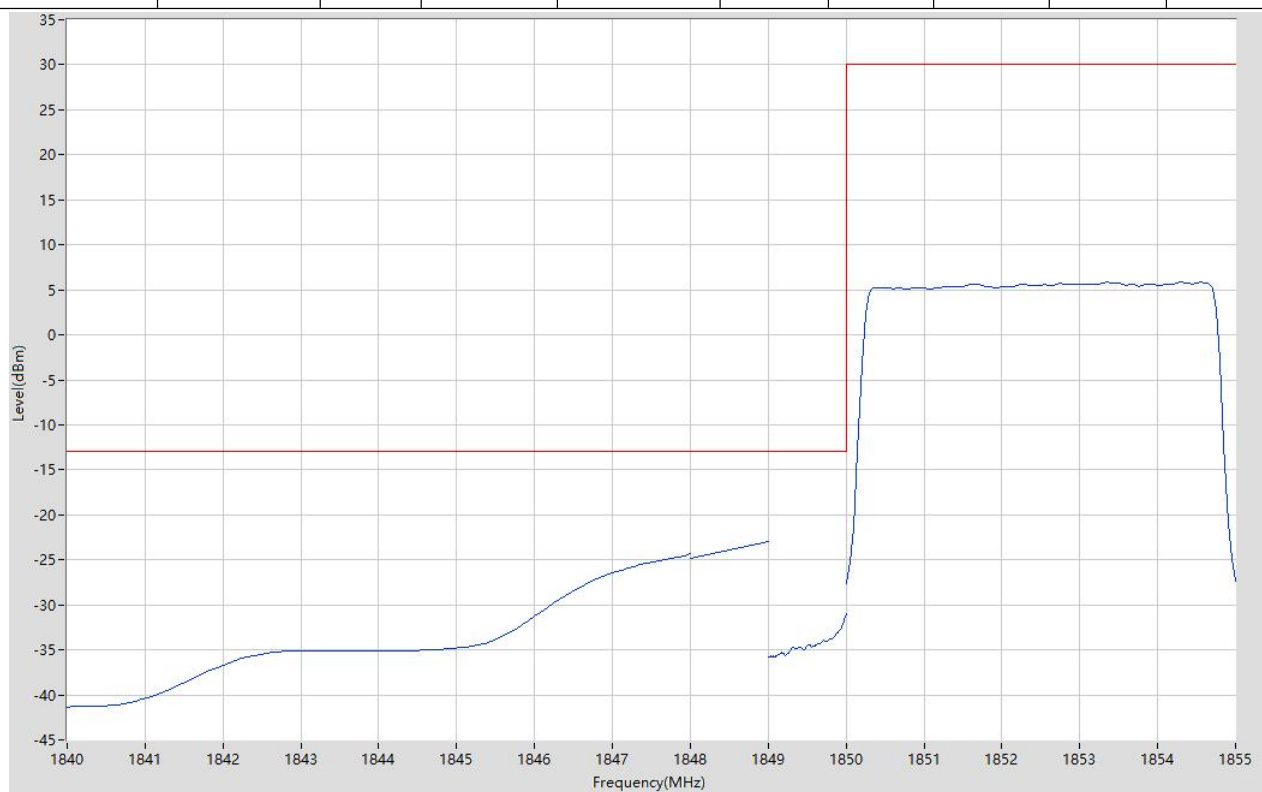
### 1.17 LTE Band Edge\_Part22-24-27(Subtest:17, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -38.83      | -13         | 25.83       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -37.72      | -13         | 24.72       | Pass    | 2           |
| 1849                  | 1850                 | 0.051     | RMS      | 1850            | -20.52      | -13         | 7.52        | Pass    | 101         |
| 1850                  | 1855                 | 0.1       | RMS      | 1850.35         | 19.97       | 30          | 10.03       | Pass    | 101         |



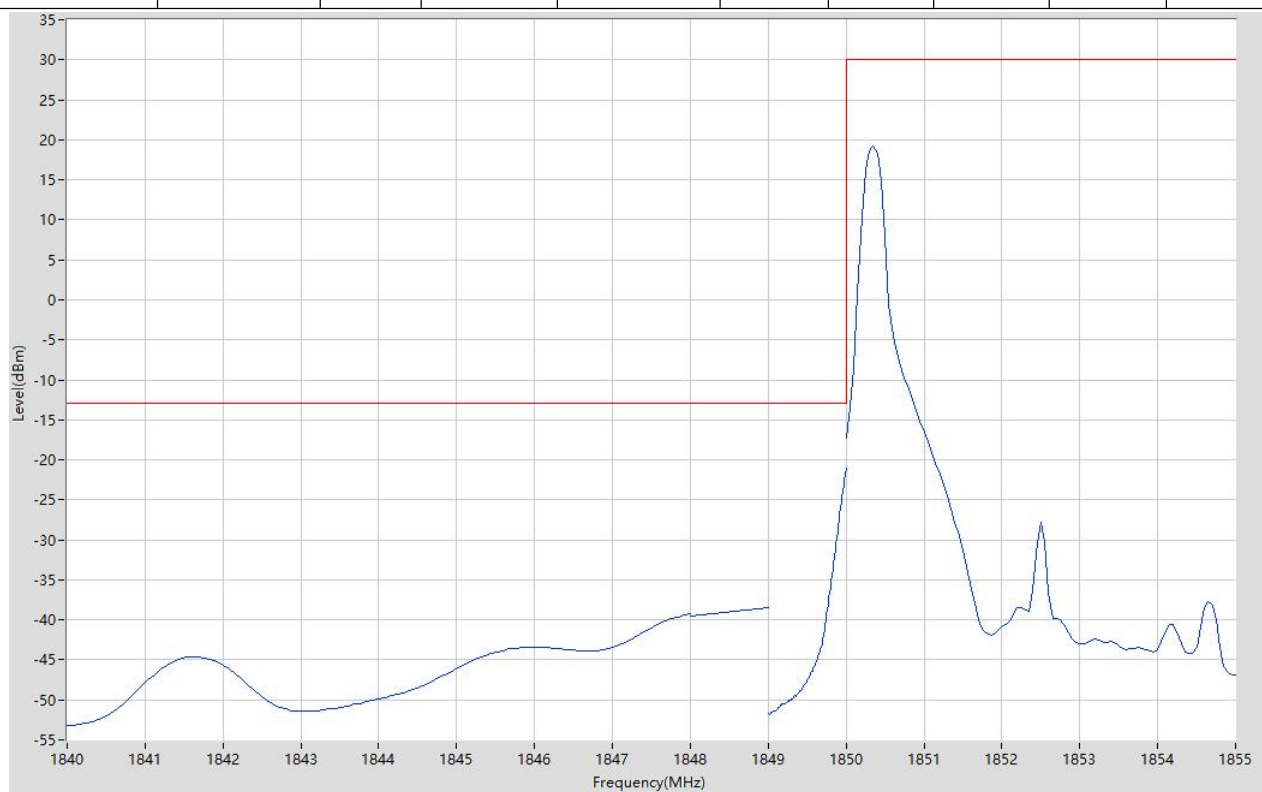
### 1.18 LTE Band Edge\_Part22-24-27(Subtest:18, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -24.36      | -13         | 11.36       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -22.98      | -13         | 9.98        | Pass    | 2           |
| 1849                  | 1850                 | 0.051     | RMS      | 1850            | -31.02      | -13         | 18.02       | Pass    | 101         |
| 1850                  | 1855                 | 0.1       | RMS      | 1854.55         | 5.88        | 30          | 24.12       | Pass    | 101         |



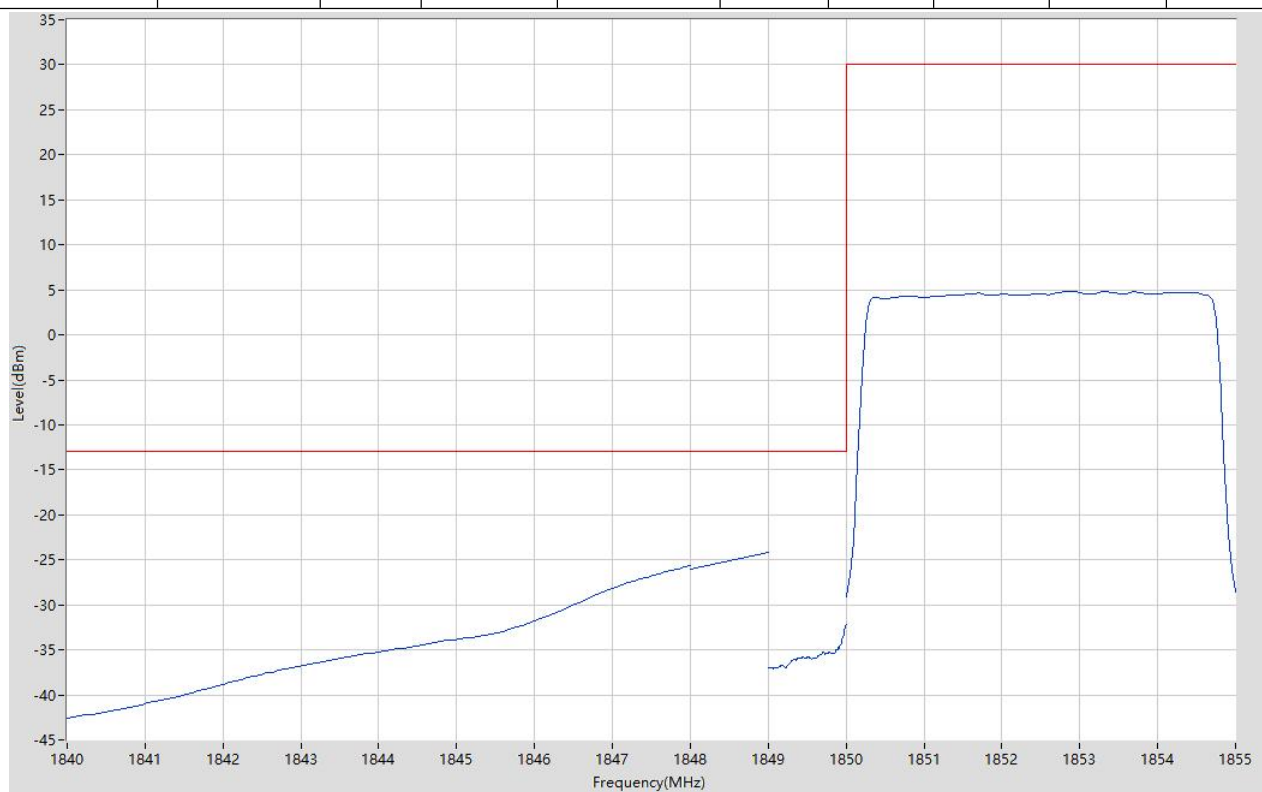
### 1.19 LTE Band Edge\_Part22-24-27(Subtest:19, Channel:18625, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -39.29      | -13         | 26.29       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -38.4       | -13         | 25.4        | Pass    | 2           |
| 1849                  | 1850                 | 0.051     | RMS      | 1850            | -20.99      | -13         | 7.99        | Pass    | 101         |
| 1850                  | 1855                 | 0.1       | RMS      | 1850.35         | 19.23       | 30          | 10.77       | Pass    | 101         |



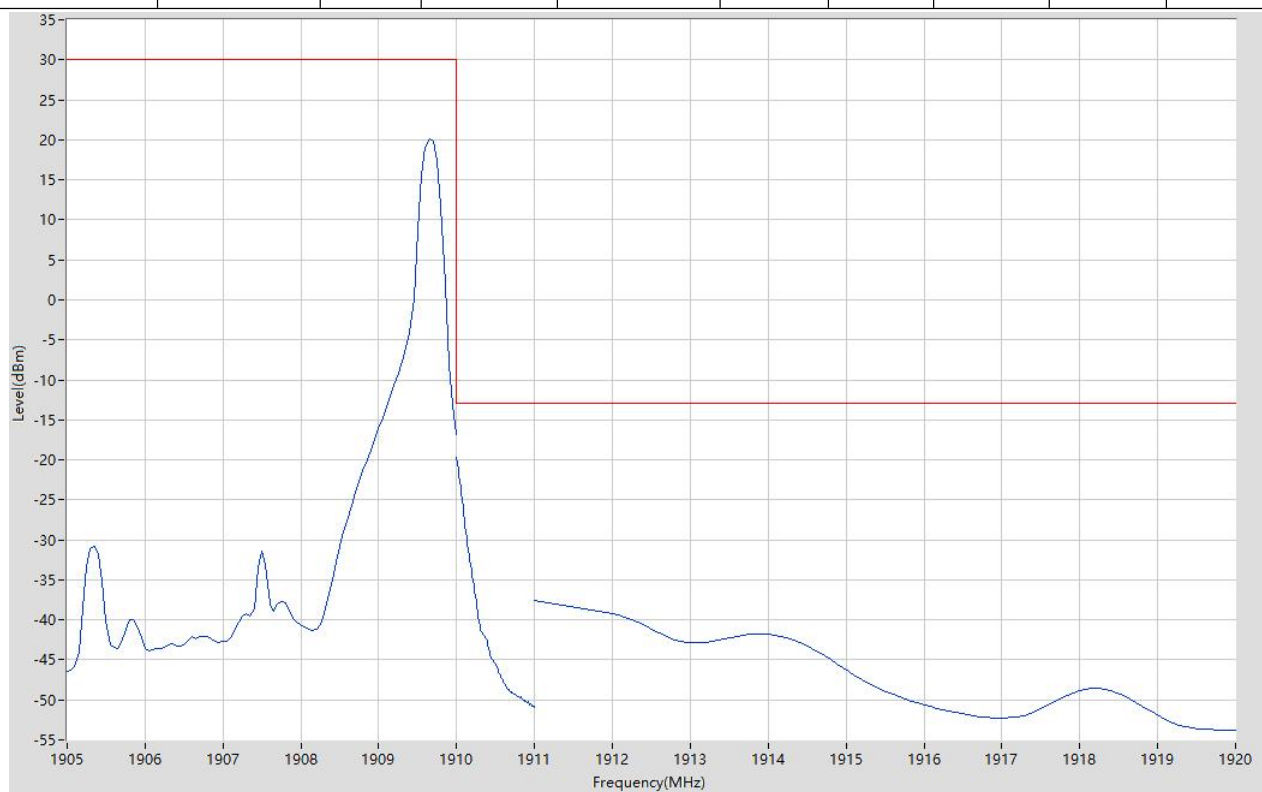
## 1.20 LTE Band Edge\_Part22-24-27(Subtest:20, Channel:18625, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -25.61      | -13         | 12.61       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -24.21      | -13         | 11.21       | Pass    | 2           |
| 1849                  | 1850                 | 0.051     | RMS      | 1850            | -32.23      | -13         | 19.23       | Pass    | 101         |
| 1850                  | 1855                 | 0.1       | RMS      | 1853.3          | 4.87        | 30          | 25.13       | Pass    | 101         |



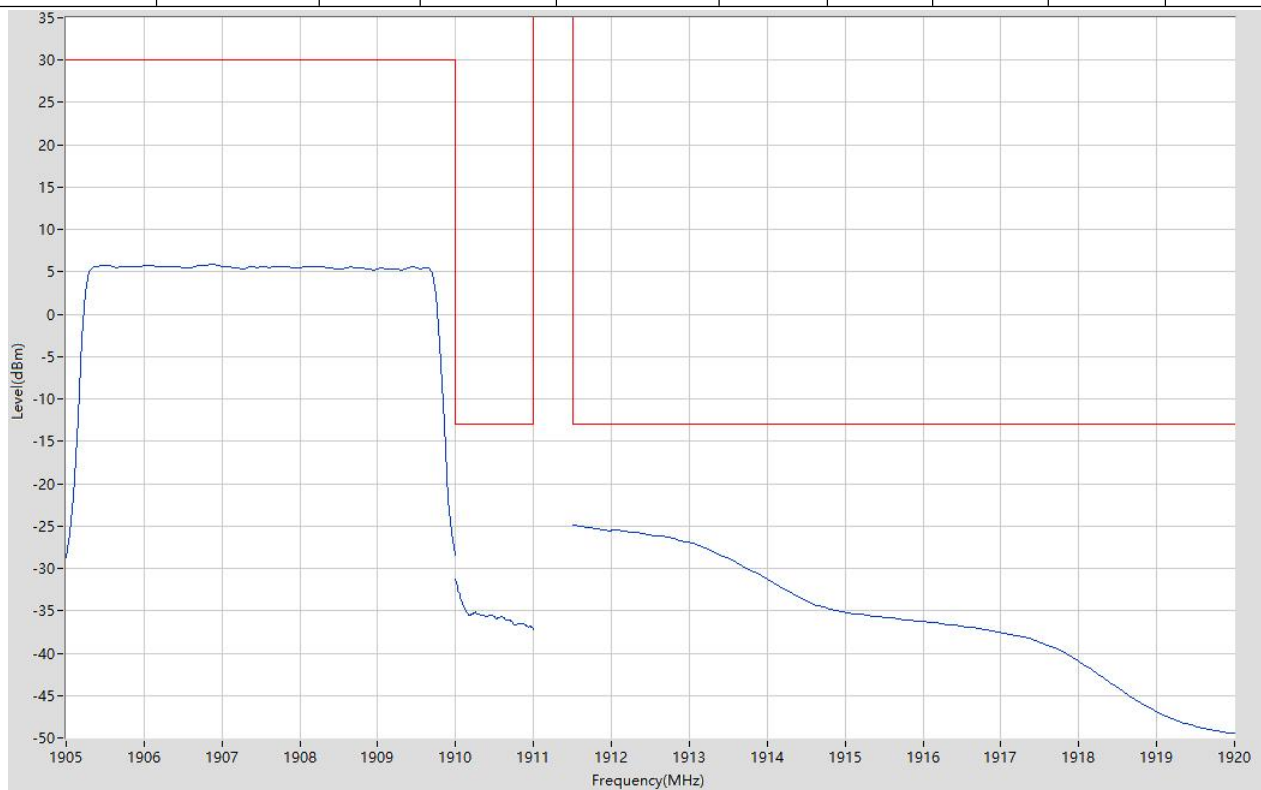
### 1.21 LTE Band Edge\_Part22-24-27(Subtest:21, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:24)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1905                  | 1910                 | 0.1       | RMS      | 1909.65         | 20.19       | 30          | 9.81        | Pass    | 101         |
| 1910                  | 1911                 | 0.051     | RMS      | 1910            | -19.68      | -13         | 6.68        | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -37.57      | -13         | 24.57       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -39.18      | -13         | 26.18       | Pass    | 101         |



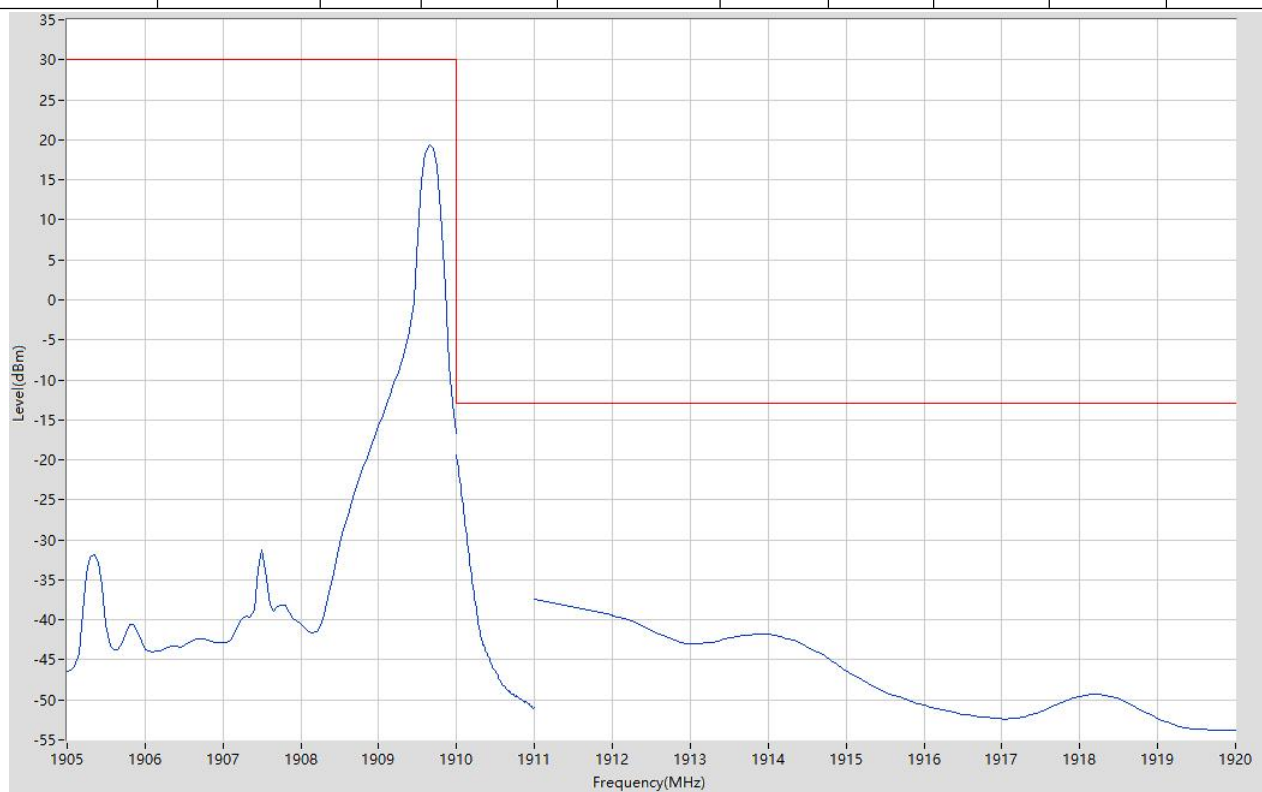
**1.22 LTE Band Edge\_Part22-24-27(Subtest:22, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number:25, RB Position:0)(NTNV)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1905                  | 1910                 | 0.1       | RMS      | 1906.85         | 5.89        | 30          | 24.11       | Pass    | 101         |
| 1910                  | 1911                 | 0.051     | RMS      | 1910            | -31.27      | -13         | 18.27       | Pass    | 101         |
| 1911.5                | 1912                 | 1         | RMS      | 1911.5          | -24.88      | -13         | 11.88       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -25.4       | -13         | 12.4        | Pass    | 101         |



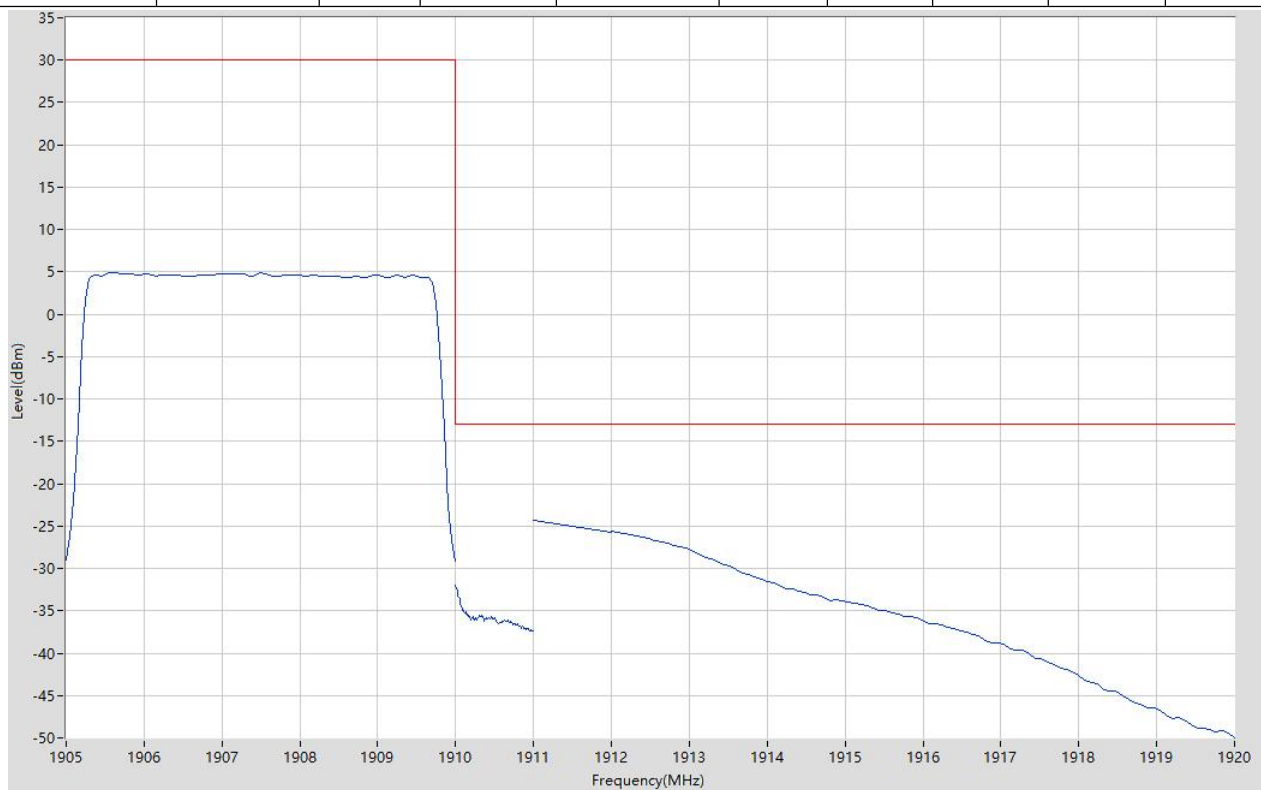
### 1.23 LTE Band Edge\_Part22-24-27(Subtest:23, Channel:19175, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:24)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1905                  | 1910                 | 0.1       | RMS      | 1909.65         | 19.35       | 30          | 10.65       | Pass    | 101         |
| 1910                  | 1911                 | 0.051     | RMS      | 1910            | -19.46      | -13         | 6.46        | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -37.49      | -13         | 24.49       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -39.47      | -13         | 26.47       | Pass    | 101         |



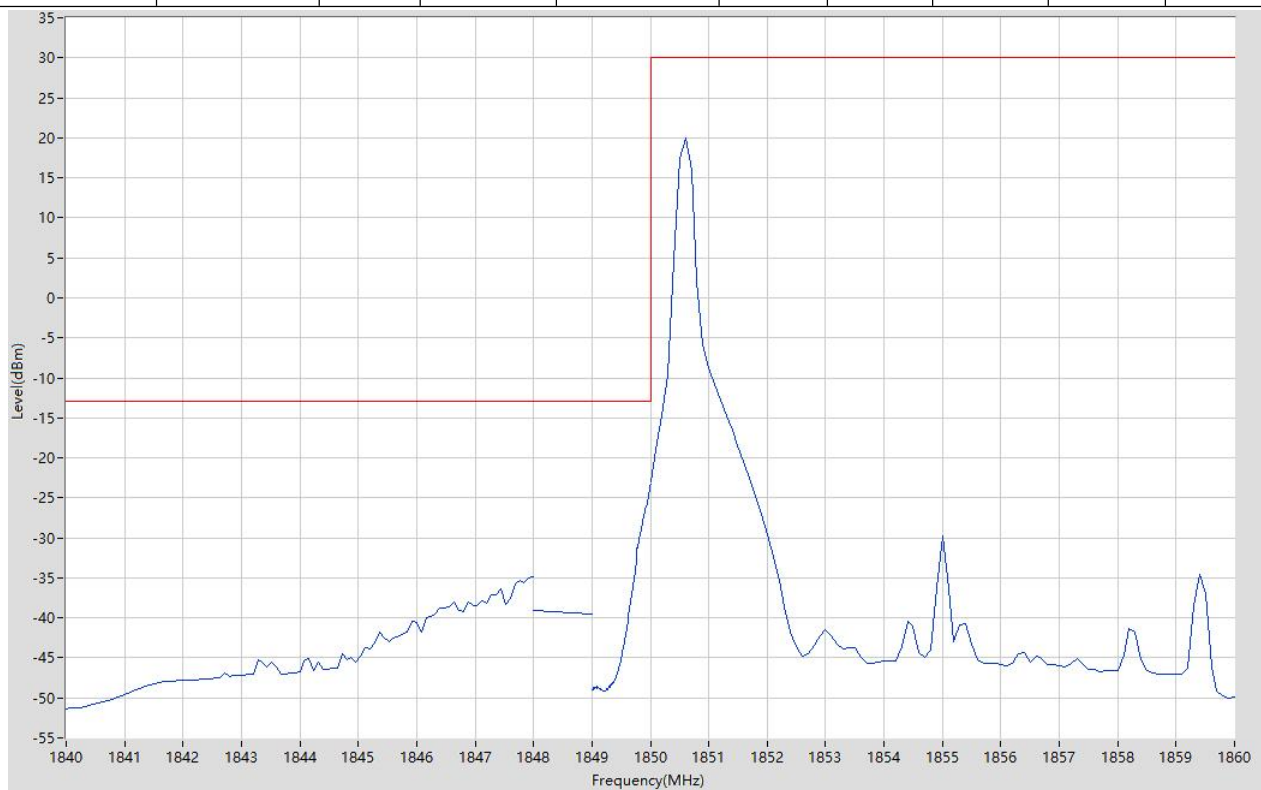
### 1.24 LTE Band Edge\_Part22-24-27(Subtest:24, Channel:19175, Bandwidth:5, Modulation:16QAM, RB Number:25, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1905                  | 1910                 | 0.1       | RMS      | 1905.6          | 4.91        | 30          | 25.09       | Pass    | 101         |
| 1910                  | 1911                 | 0.051     | RMS      | 1910            | -31.98      | -13         | 18.98       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -24.28      | -13         | 11.28       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -25.57      | -13         | 12.57       | Pass    | 101         |



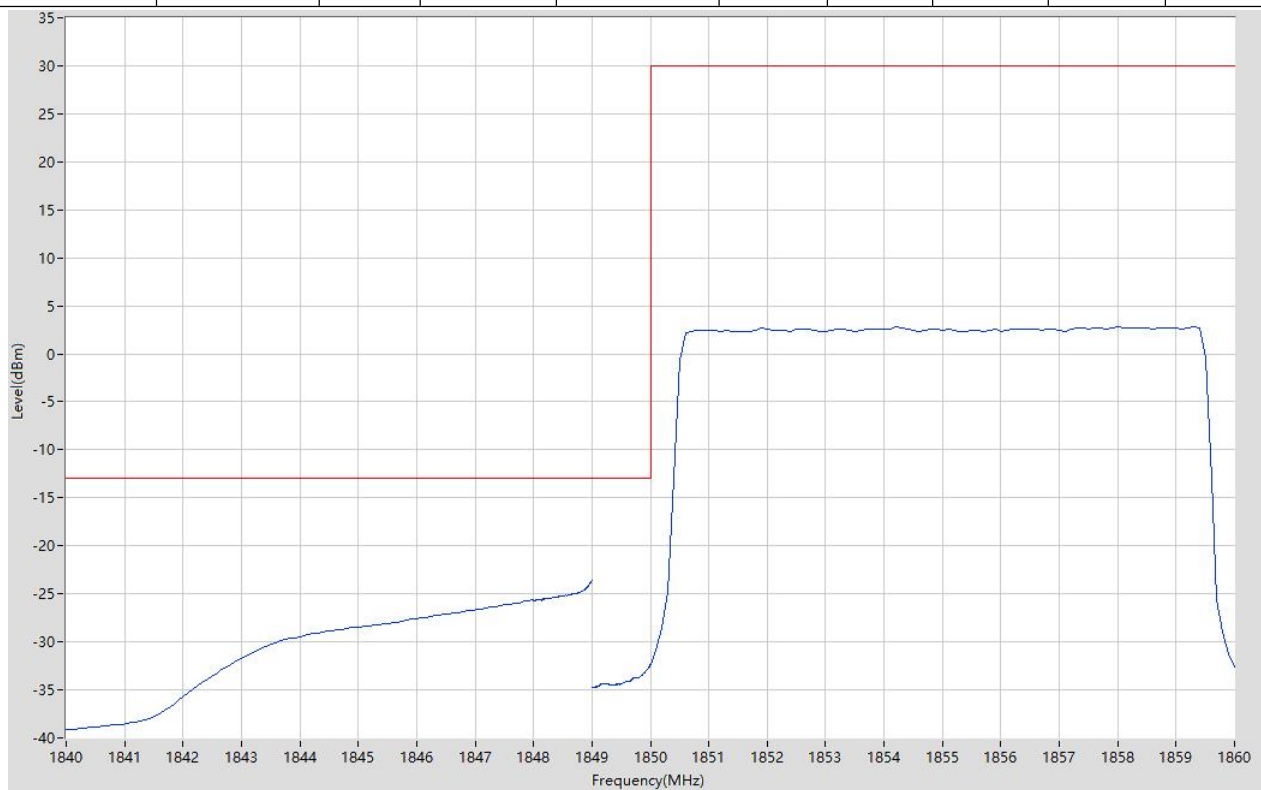
### 1.25 LTE Band Edge\_Part22-24-27(Subtest:25, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -34.86      | -13         | 21.86       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1848            | -39.04      | -13         | 26.04       | Pass    | 2           |
| 1849                  | 1850                 | 0.1       | RMS      | 1850            | -23.23      | -13         | 10.23       | Pass    | 101         |
| 1850                  | 1860                 | 0.1       | RMS      | 1850.6          | 20.03       | 30          | 9.97        | Pass    | 101         |



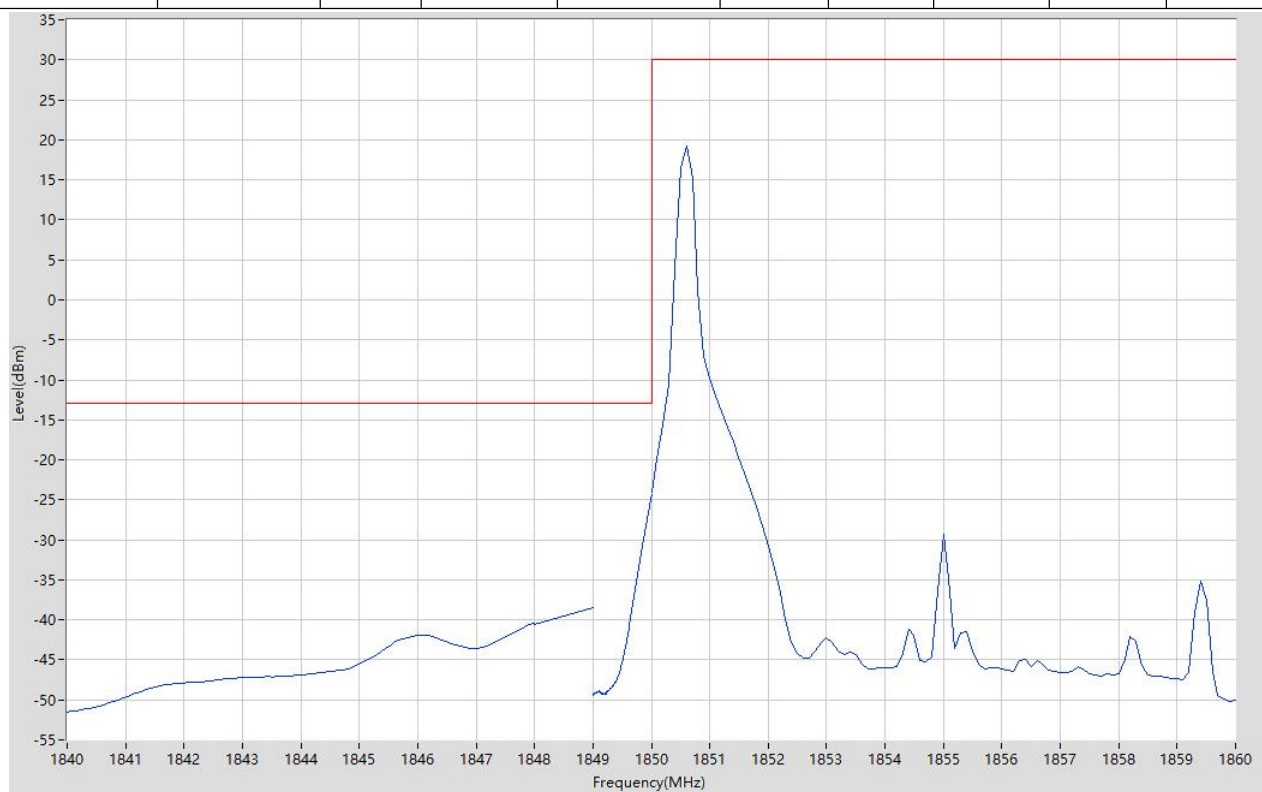
### 1.26 LTE Band Edge\_Part22-24-27(Subtest:26, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -25.63      | -13         | 12.63       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -23.55      | -13         | 10.55       | Pass    | 101         |
| 1849                  | 1850                 | 0.1       | RMS      | 1850            | -32.28      | -13         | 19.28       | Pass    | 101         |
| 1850                  | 1860                 | 0.1       | RMS      | 1858            | 2.88        | 30          | 27.12       | Pass    | 101         |



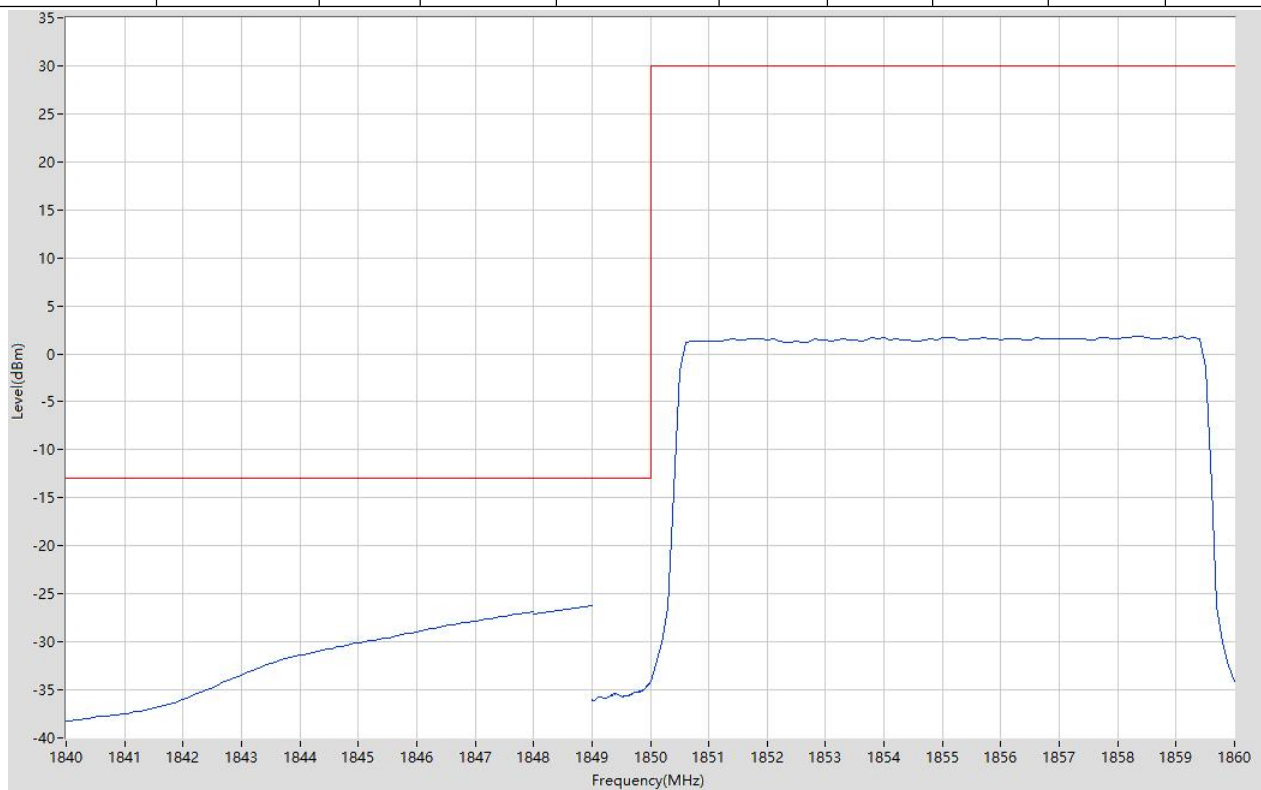
### 1.27 LTE Band Edge\_Part22-24-27(Subtest:27, Channel:18650, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -40.39      | -13         | 27.39       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -38.54      | -13         | 25.54       | Pass    | 2           |
| 1849                  | 1850                 | 0.1       | RMS      | 1850            | -24.33      | -13         | 11.33       | Pass    | 101         |
| 1850                  | 1860                 | 0.1       | RMS      | 1850.6          | 19.21       | 30          | 10.79       | Pass    | 101         |



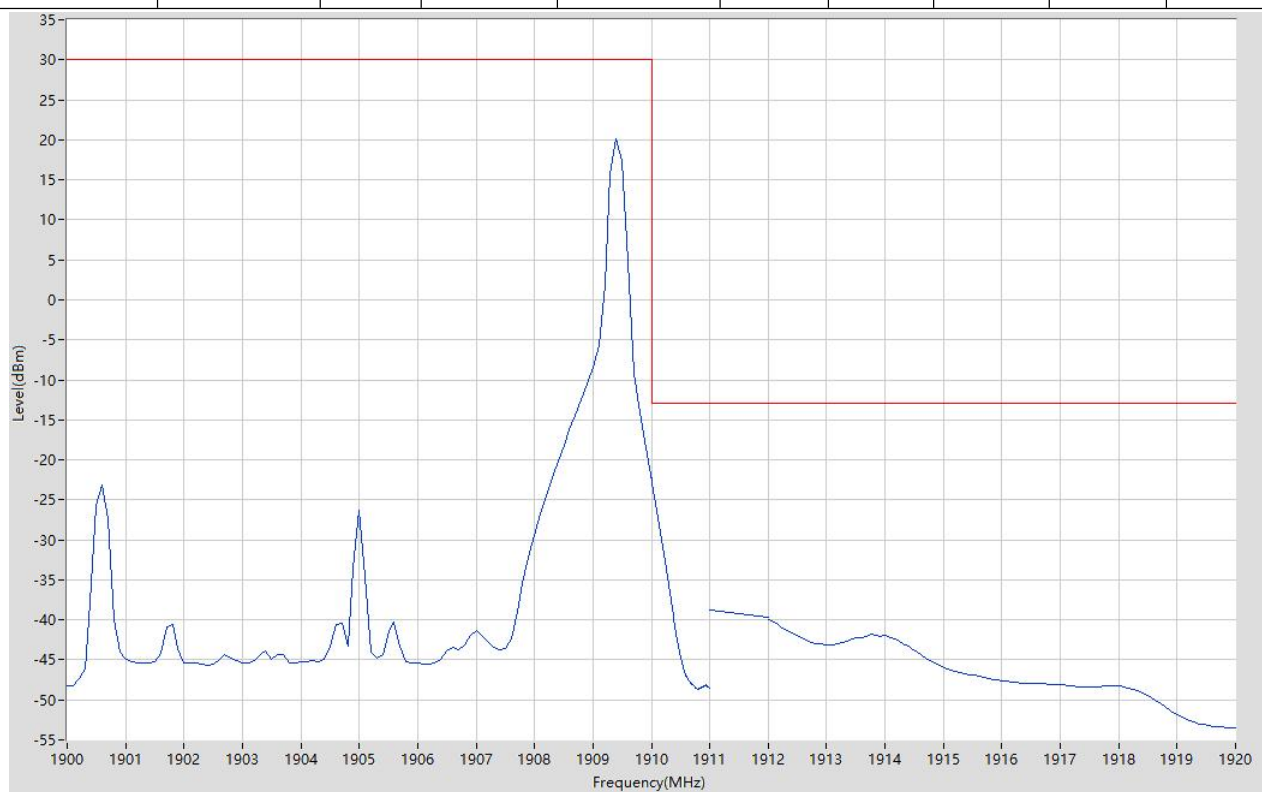
### 1.28 LTE Band Edge\_Part22-24-27(Subtest:28, Channel:18650, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -26.86      | -13         | 13.86       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -26.21      | -13         | 13.21       | Pass    | 2           |
| 1849                  | 1850                 | 0.1       | RMS      | 1850            | -34.14      | -13         | 21.14       | Pass    | 101         |
| 1850                  | 1860                 | 0.1       | RMS      | 1858.4          | 1.88        | 30          | 28.12       | Pass    | 101         |



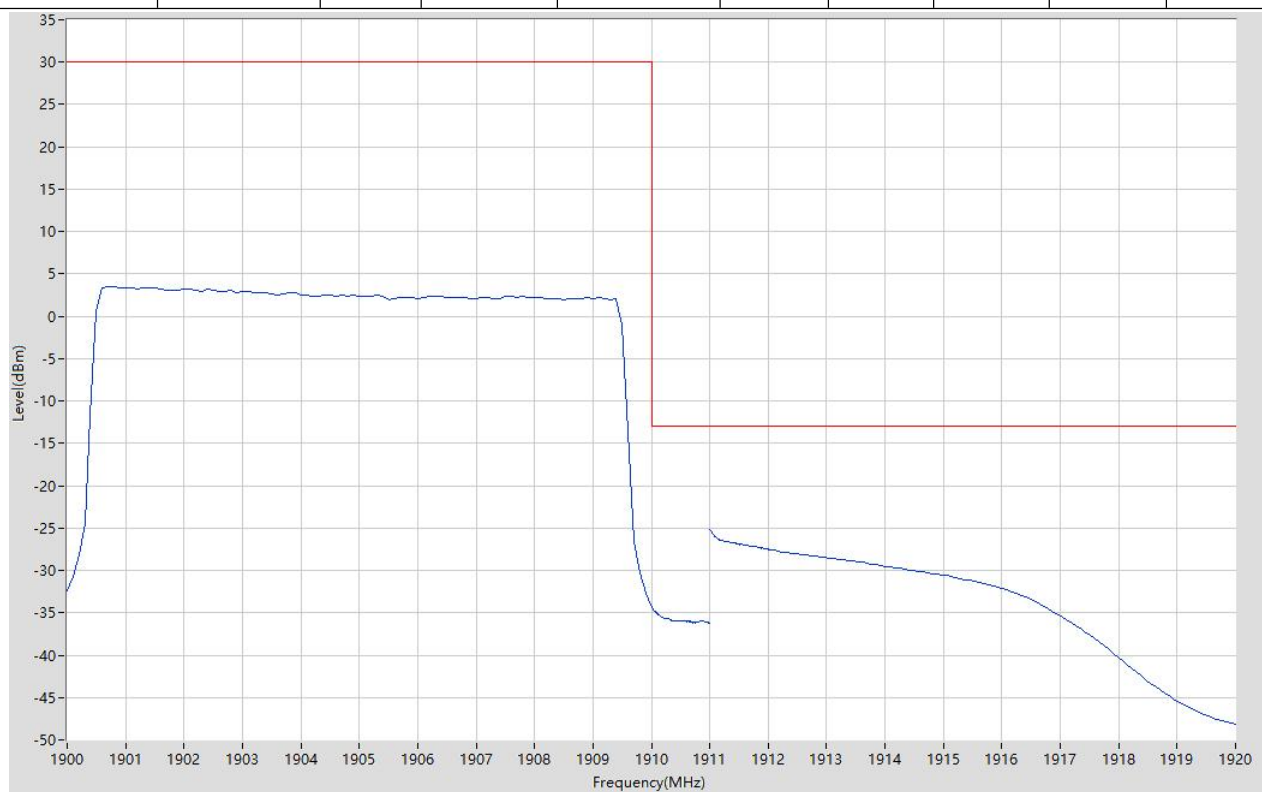
### 1.29 LTE Band Edge\_Part22-24-27(Subtest:29, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number:1, RB Position:49)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.1       | RMS      | 1909.4          | 20.1        | 30          | 9.9         | Pass    | 101         |
| 1910                  | 1911                 | 0.1       | RMS      | 1910            | -22.25      | -13         | 9.25        | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -38.84      | -13         | 25.84       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -40.02      | -13         | 27.02       | Pass    | 101         |



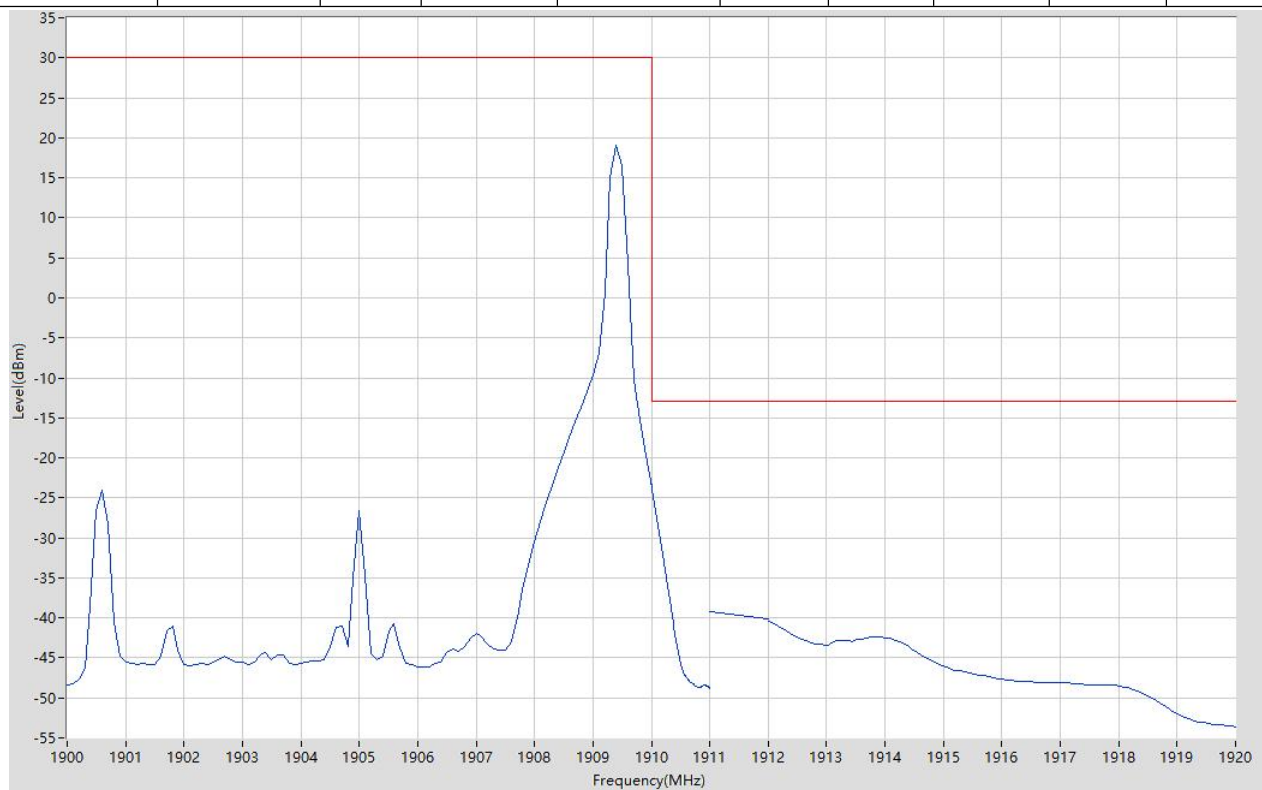
### 1.30 LTE Band Edge\_Part22-24-27(Subtest:30, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number:50, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.1       | RMS      | 1900.7          | 3.47        | 30          | 26.53       | Pass    | 101         |
| 1910                  | 1911                 | 0.1       | RMS      | 1910            | -34.27      | -13         | 21.27       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -25.11      | -13         | 12.11       | Pass    | 101         |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -27.52      | -13         | 14.52       | Pass    | 101         |



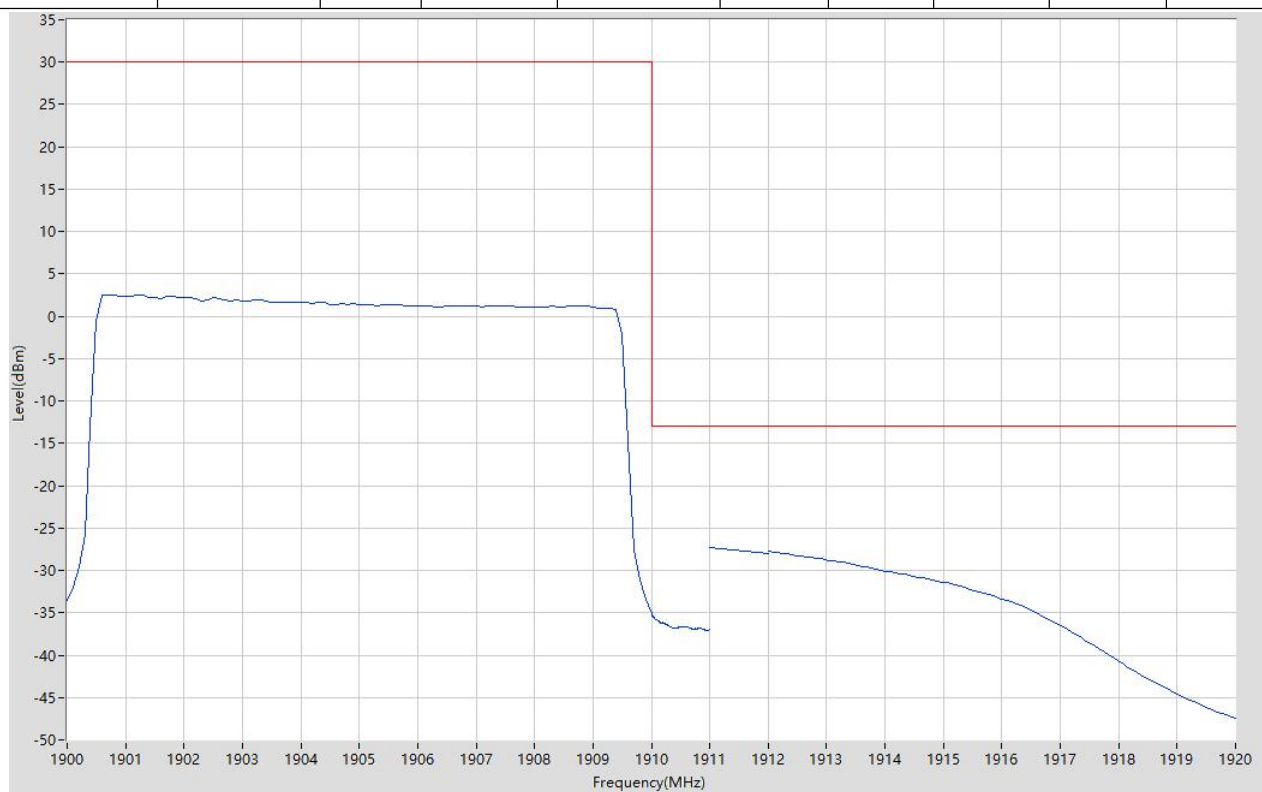
### 1.31 LTE Band Edge\_Part22-24-27(Subtest:31, Channel:19150, Bandwidth:10, Modulation:16QAM, RB Number:1, RB Position:49)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.1       | RMS      | 1909.4          | 19.15       | 30          | 10.85       | Pass    | 101         |
| 1910                  | 1911                 | 0.1       | RMS      | 1910            | -23.35      | -13         | 10.35       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -39.18      | -13         | 26.18       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -40.38      | -13         | 27.38       | Pass    | 101         |



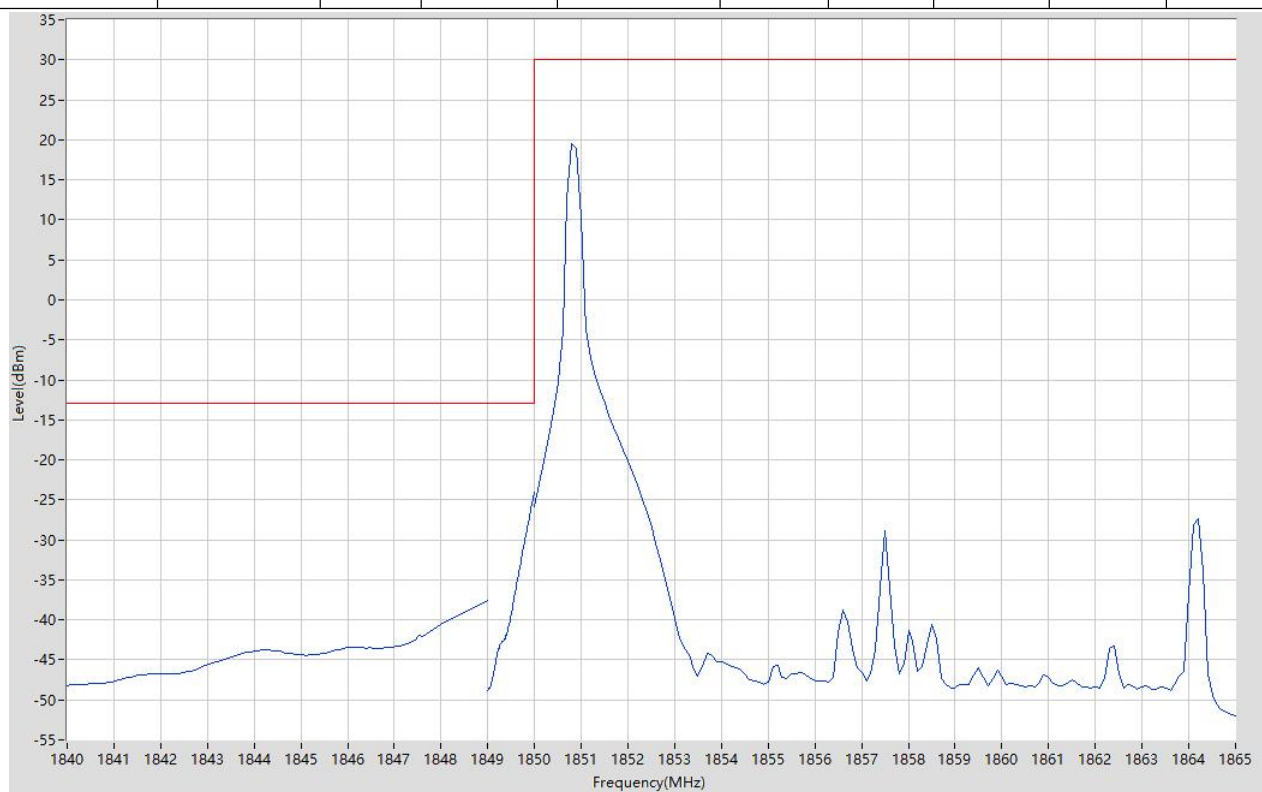
### 1.32 LTE Band Edge\_Part22-24-27(Subtest:32, Channel:19150, Bandwidth:10, Modulation:16QAM, RB Number:50, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.1       | RMS      | 1900.7          | 2.55        | 30          | 27.45       | Pass    | 101         |
| 1910                  | 1911                 | 0.1       | RMS      | 1910            | -35.07      | -13         | 22.07       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -27.24      | -13         | 14.24       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -27.79      | -13         | 14.79       | Pass    | 101         |



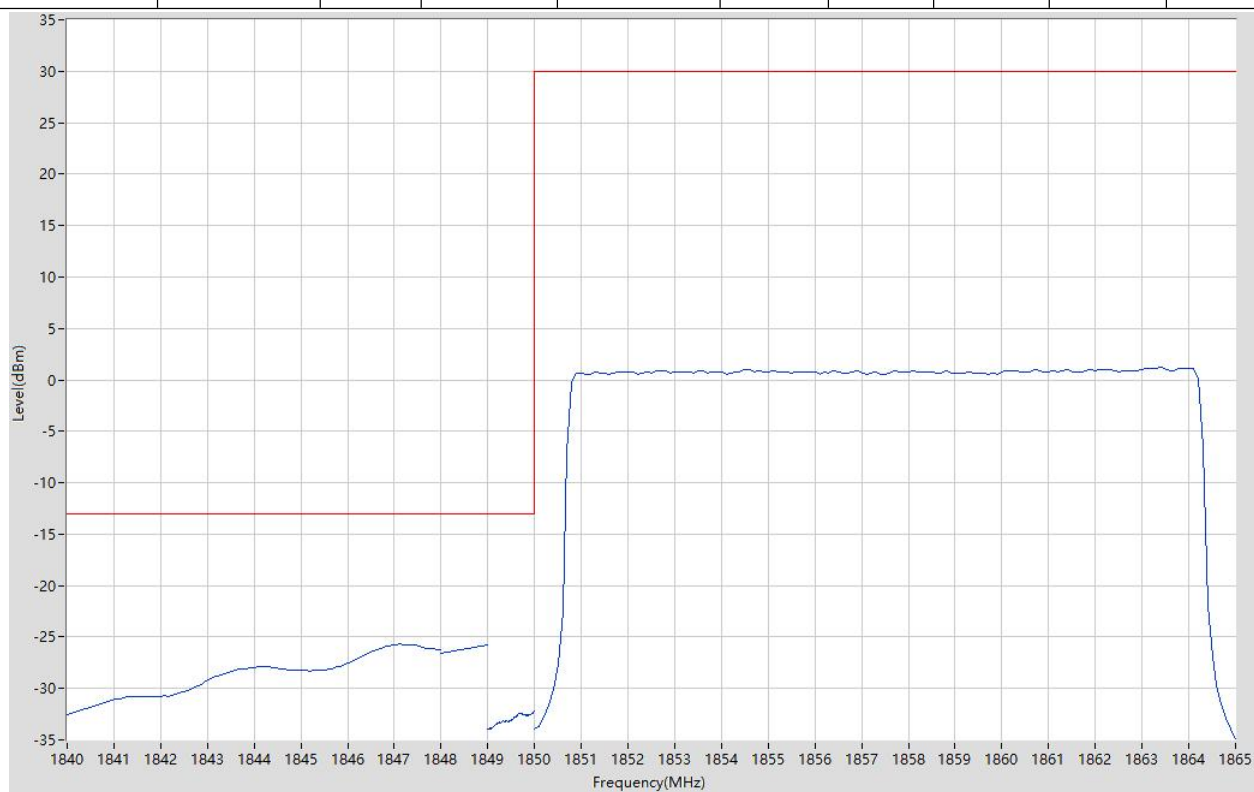
### 1.33 LTE Band Edge\_Part22-24-27(Subtest:33, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -40.58      | -13         | 27.58       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -37.5       | -13         | 24.5        | Pass    | 2           |
| 1849                  | 1850                 | 0.15      | RMS      | 1850            | -23.98      | -13         | 10.98       | Pass    | 101         |
| 1850                  | 1865                 | 0.1       | RMS      | 1850.8          | 19.49       | 30          | 10.51       | Pass    | 151         |



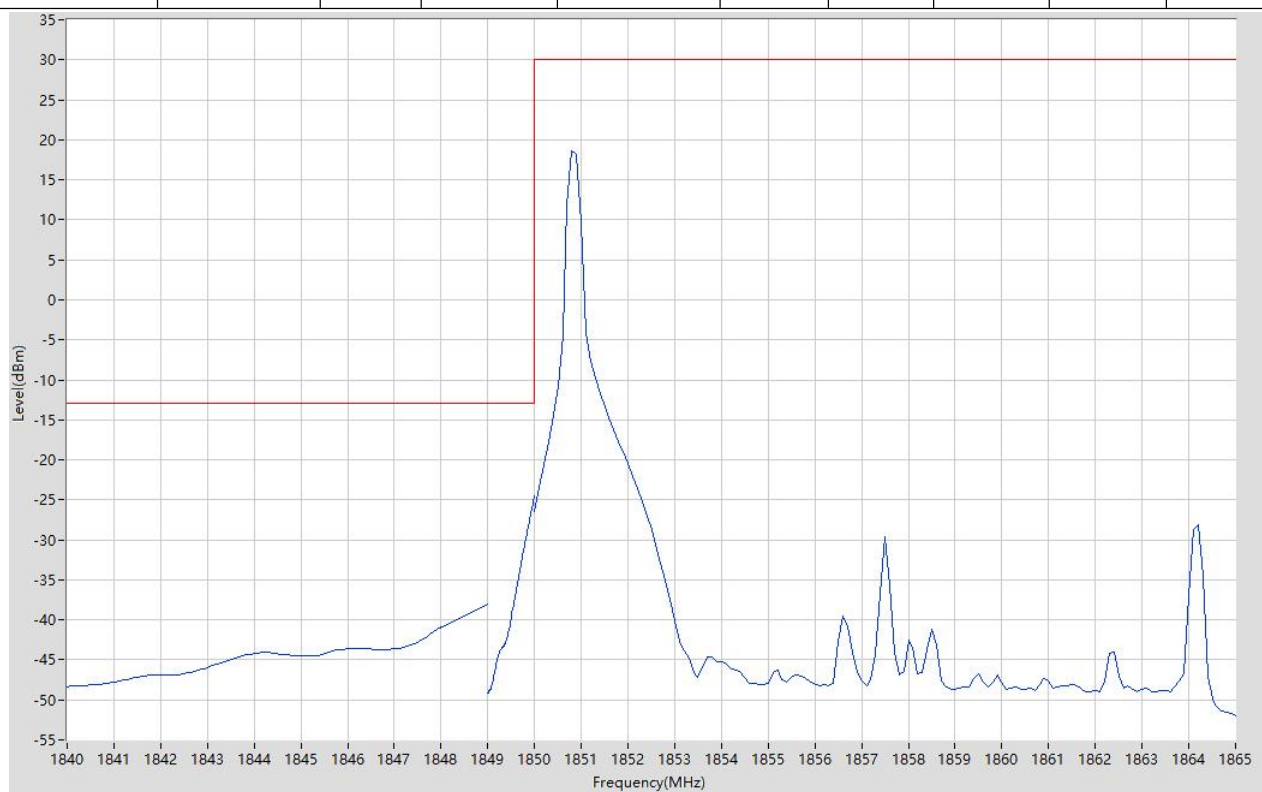
### 1.34 LTE Band Edge\_Part22-24-27(Subtest:34, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1847.12         | -25.71      | -13         | 12.71       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -25.73      | -13         | 12.73       | Pass    | 2           |
| 1849                  | 1850                 | 0.15      | RMS      | 1849.99         | -32.2       | -13         | 19.2        | Pass    | 101         |
| 1850                  | 1865                 | 0.1       | RMS      | 1863.4          | 1.17        | 30          | 28.83       | Pass    | 151         |



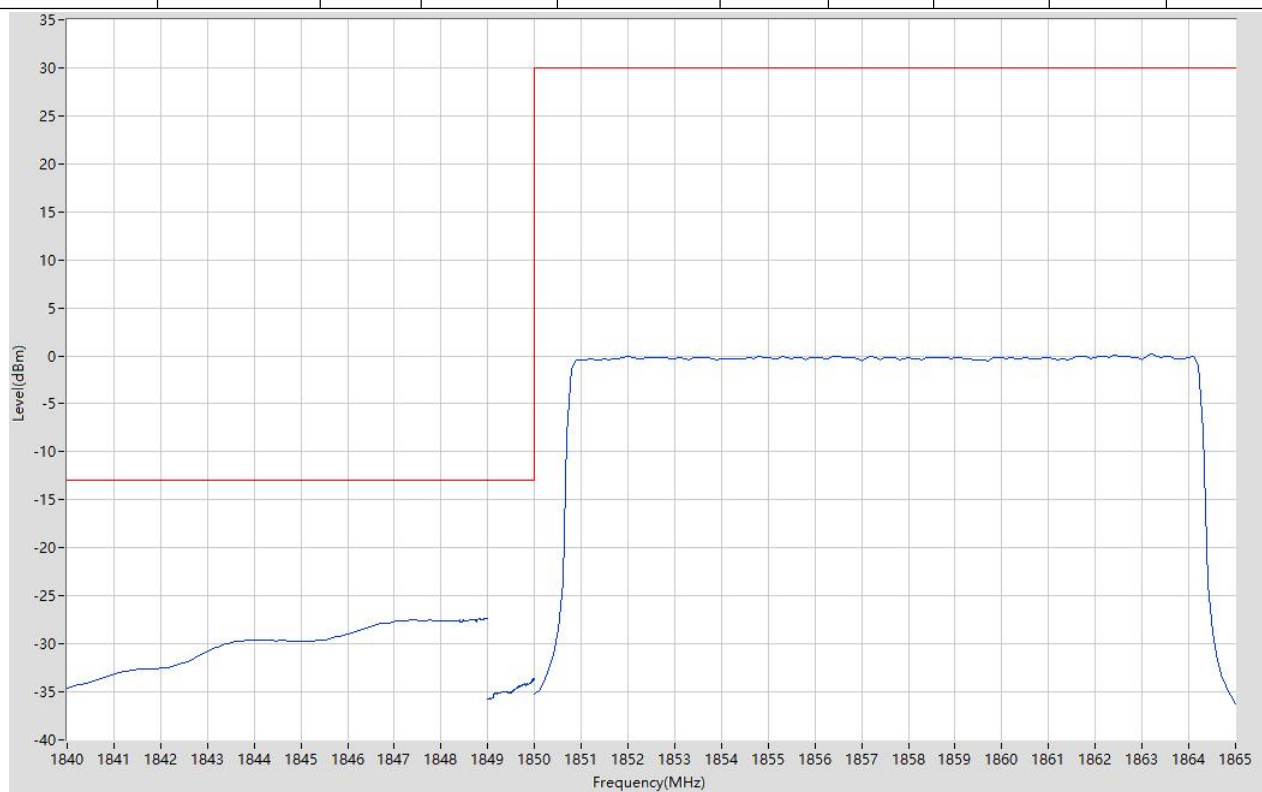
### 1.35 LTE Band Edge\_Part22-24-27(Subtest:35, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -40.91      | -13         | 27.91       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -38.09      | -13         | 25.09       | Pass    | 2           |
| 1849                  | 1850                 | 0.15      | RMS      | 1850            | -24.52      | -13         | 11.52       | Pass    | 101         |
| 1850                  | 1865                 | 0.1       | RMS      | 1850.8          | 18.62       | 30          | 11.38       | Pass    | 151         |



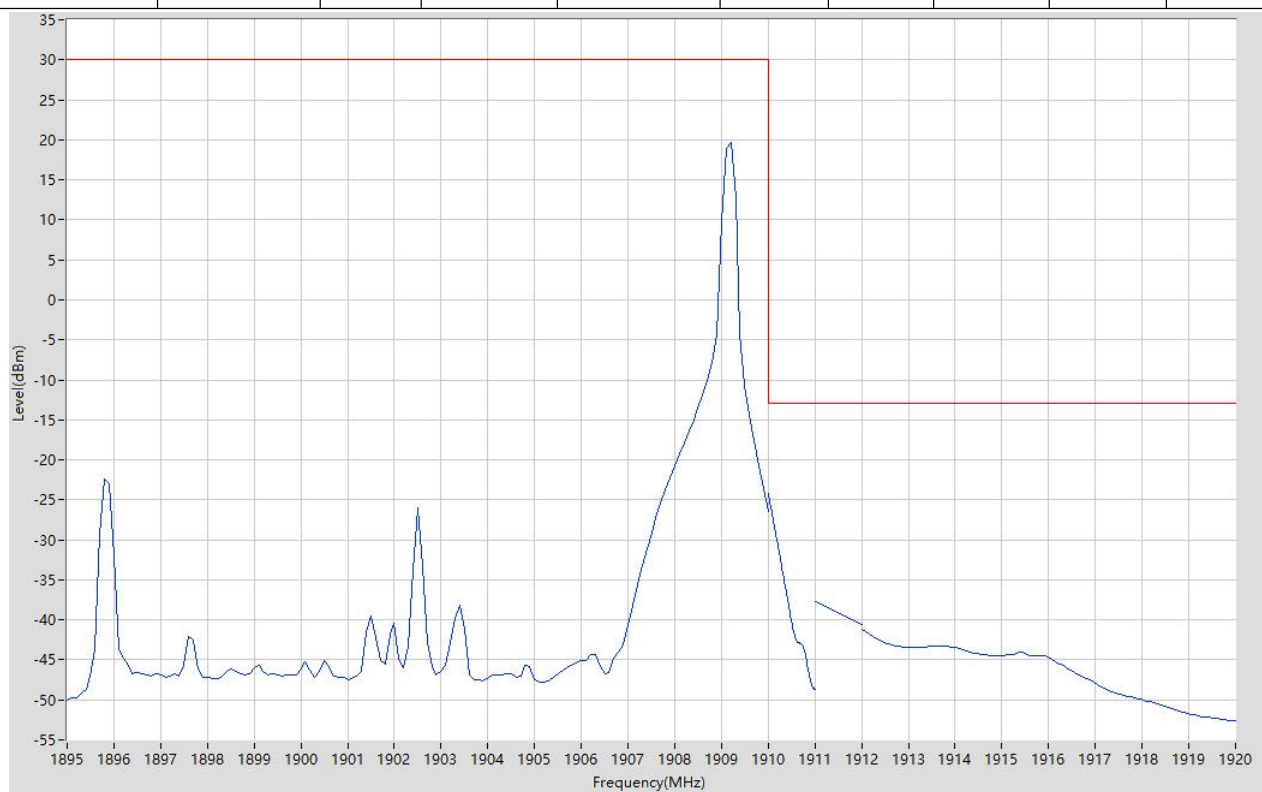
### 1.36 LTE Band Edge\_Part22-24-27(Subtest:36, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1847.76         | -27.52      | -13         | 14.52       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1848.93         | -27.29      | -13         | 14.29       | Pass    | 101         |
| 1849                  | 1850                 | 0.15      | RMS      | 1849.99         | -33.6       | -13         | 20.6        | Pass    | 101         |
| 1850                  | 1865                 | 0.1       | RMS      | 1863.2          | 0.14        | 30          | 29.86       | Pass    | 151         |



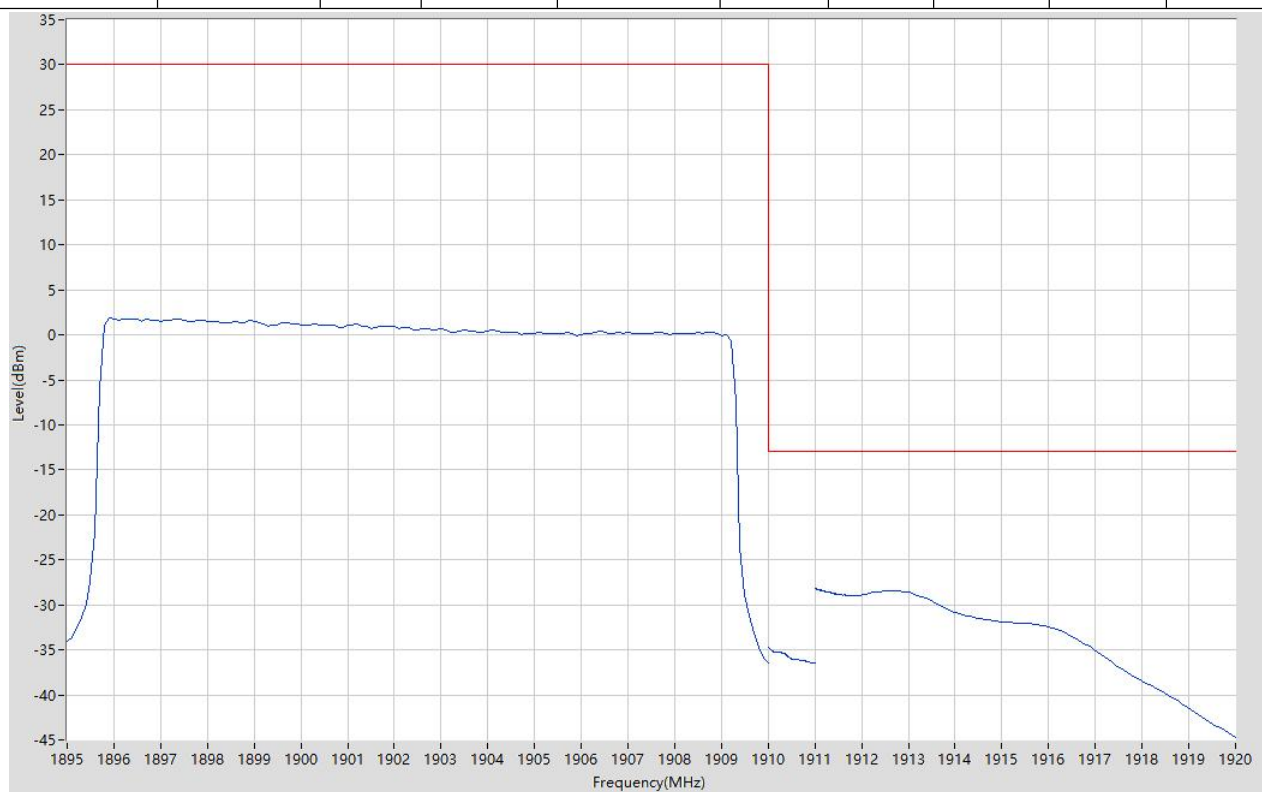
### 1.37 LTE Band Edge\_Part22-24-27(Subtest:37, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number:1, RB Position:74)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1895                  | 1910                 | 0.1       | RMS      | 1909.2          | 19.63       | 30          | 10.37       | Pass    | 151         |
| 1910                  | 1911                 | 0.15      | RMS      | 1910            | -24.2       | -13         | 11.2        | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -37.67      | -13         | 24.67       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -41.14      | -13         | 28.14       | Pass    | 101         |



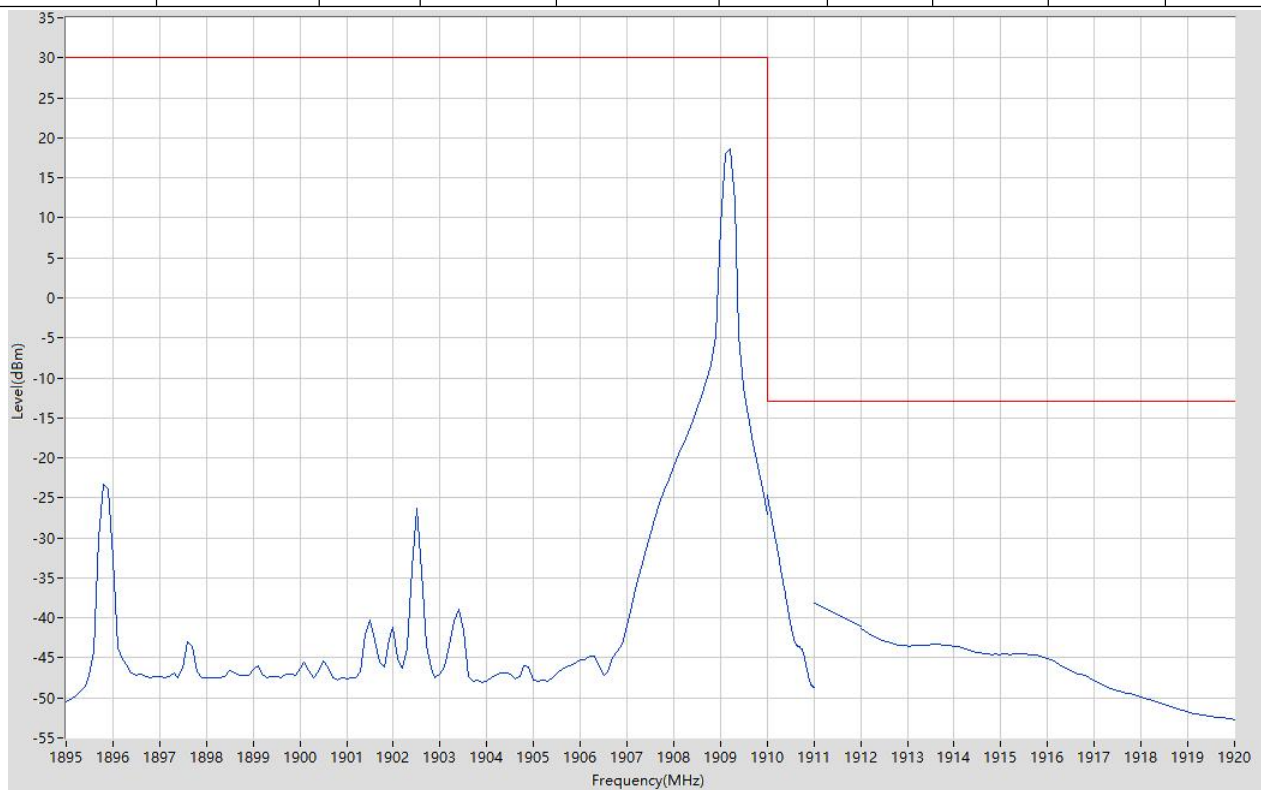
### 1.38 LTE Band Edge\_Part22-24-27(Subtest:38, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number:75, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1895                  | 1910                 | 0.1       | RMS      | 1895.9          | 1.89        | 30          | 28.11       | Pass    | 151         |
| 1910                  | 1911                 | 0.15      | RMS      | 1910            | -34.66      | -13         | 21.66       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911.01         | -28.16      | -13         | 15.16       | Pass    | 101         |
| 1912                  | 1920                 | 1         | RMS      | 1912.64         | -28.39      | -13         | 15.39       | Pass    | 101         |



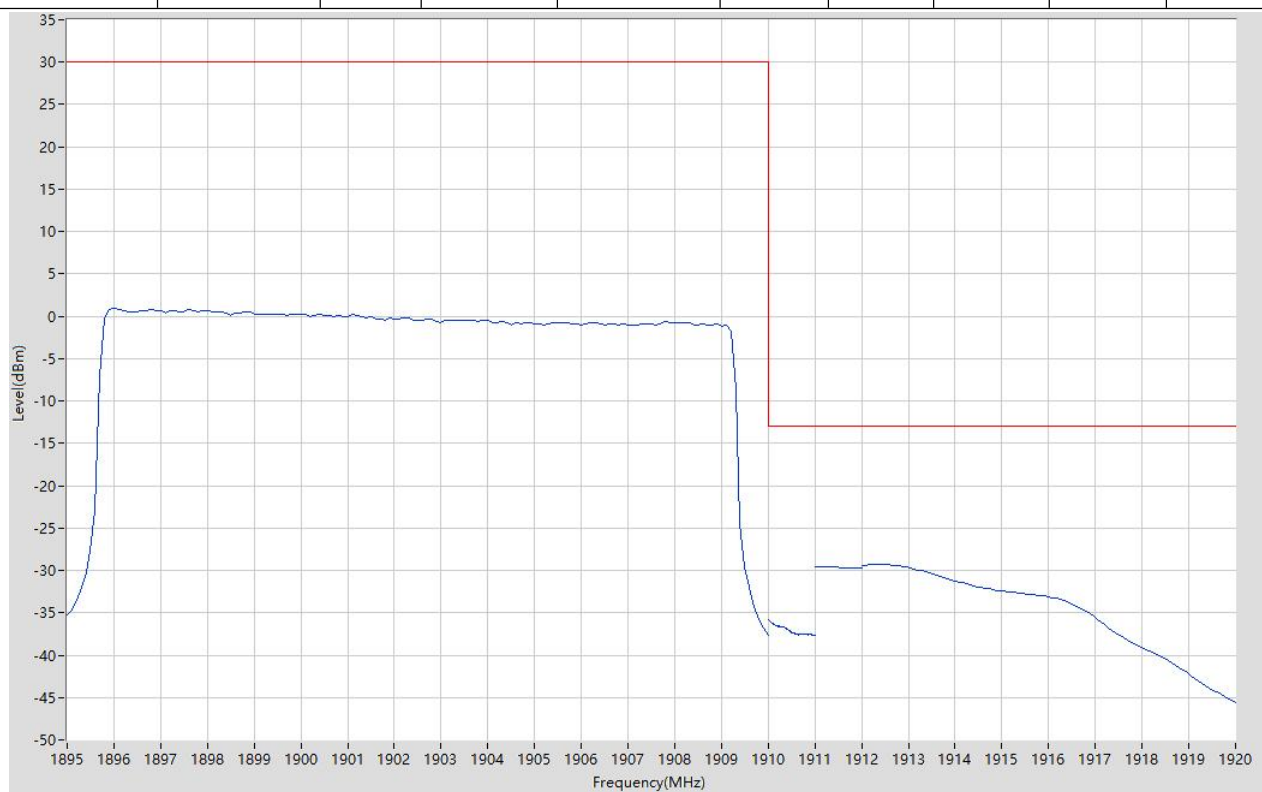
### 1.39 LTE Band Edge\_Part22-24-27(Subtest:39, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number:1, RB Position:74)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1895                  | 1910                 | 0.1       | RMS      | 1909.2          | 18.61       | 30          | 11.39       | Pass    | 151         |
| 1910                  | 1911                 | 0.15      | RMS      | 1910            | -24.65      | -13         | 11.65       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -38.18      | -13         | 25.18       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -41.37      | -13         | 28.37       | Pass    | 101         |



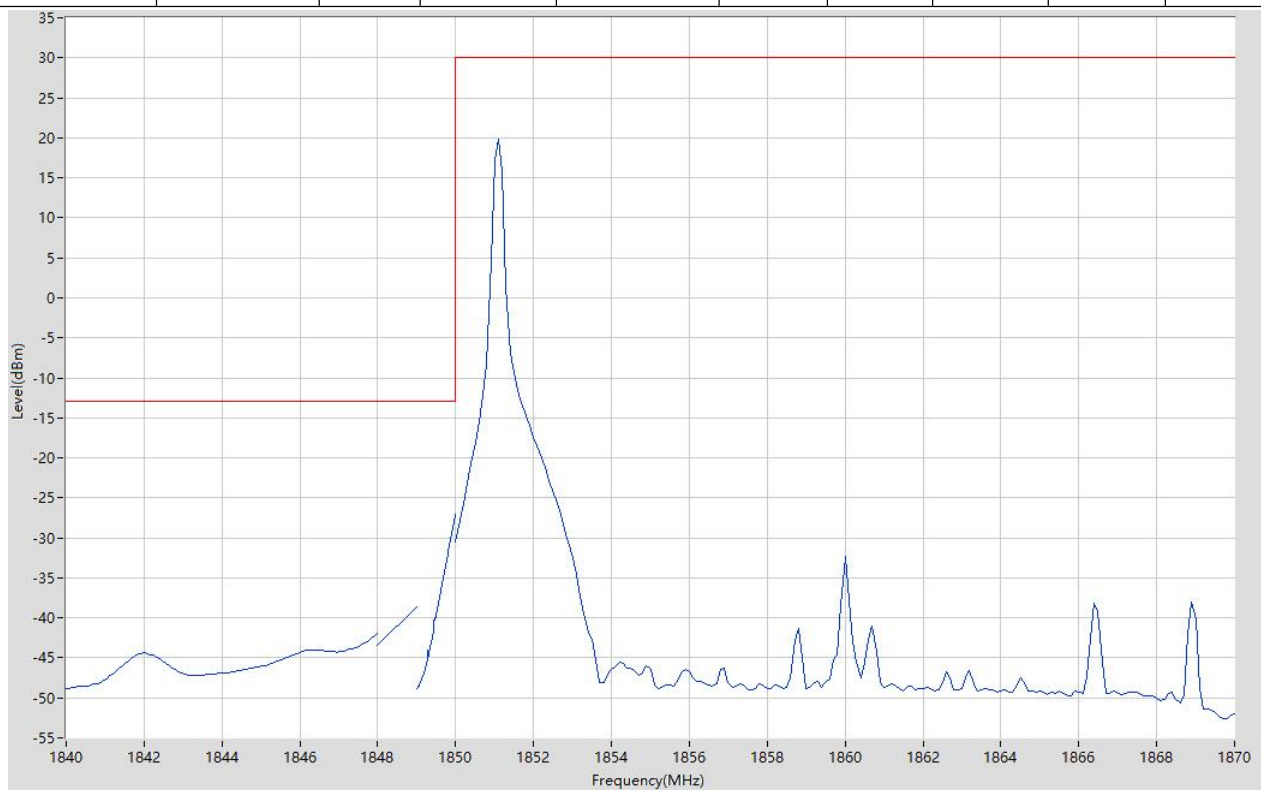
#### 1.40 LTE Band Edge\_Part22-24-27(Subtest:40, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number:75, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1895                  | 1910                 | 0.1       | RMS      | 1896            | 0.89        | 30          | 29.11       | Pass    | 151         |
| 1910                  | 1911                 | 0.15      | RMS      | 1910            | -35.76      | -13         | 22.76       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -29.63      | -13         | 16.63       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912.24         | -29.31      | -13         | 16.31       | Pass    | 101         |



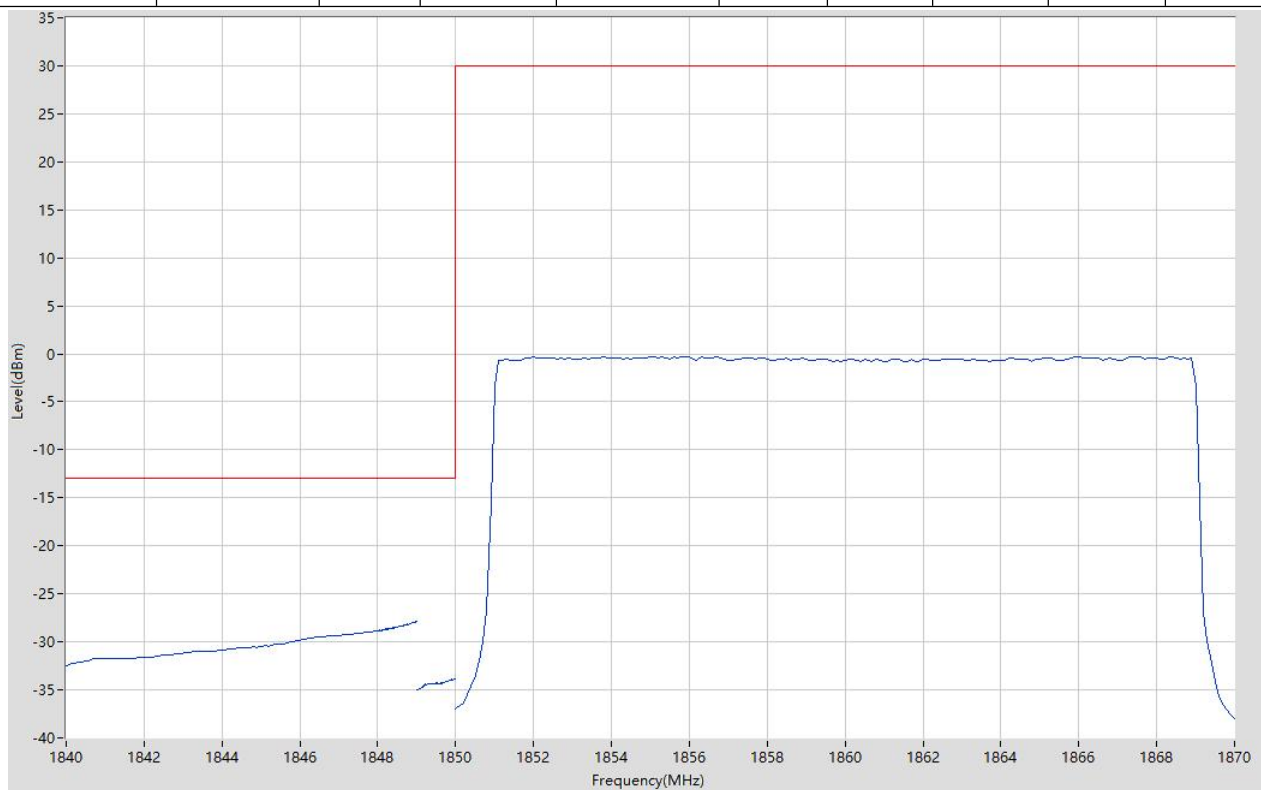
#### 1.41 LTE Band Edge\_Part22-24-27(Subtest:41, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -41.94      | -13         | 28.94       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -38.66      | -13         | 25.66       | Pass    | 2           |
| 1849                  | 1850                 | 0.2       | RMS      | 1850            | -26.99      | -13         | 13.99       | Pass    | 101         |
| 1850                  | 1870                 | 0.1       | RMS      | 1851.1          | 19.81       | 30          | 10.19       | Pass    | 201         |



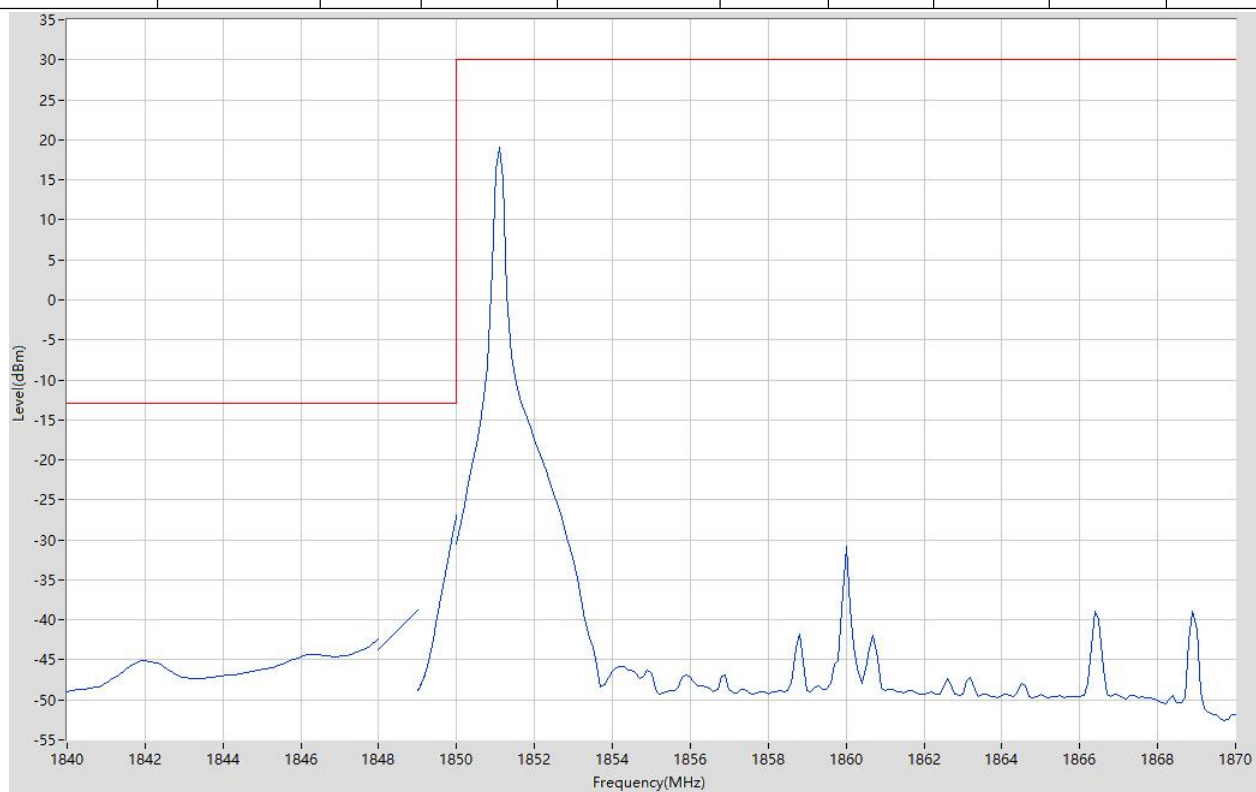
### 1.42 LTE Band Edge\_Part22-24-27(Subtest:42, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -28.81      | -13         | 15.81       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -27.87      | -13         | 14.87       | Pass    | 101         |
| 1849                  | 1850                 | 0.2       | RMS      | 1850            | -33.82      | -13         | 20.82       | Pass    | 101         |
| 1850                  | 1870                 | 0.1       | RMS      | 1856            | -0.27       | 30          | 30.27       | Pass    | 201         |



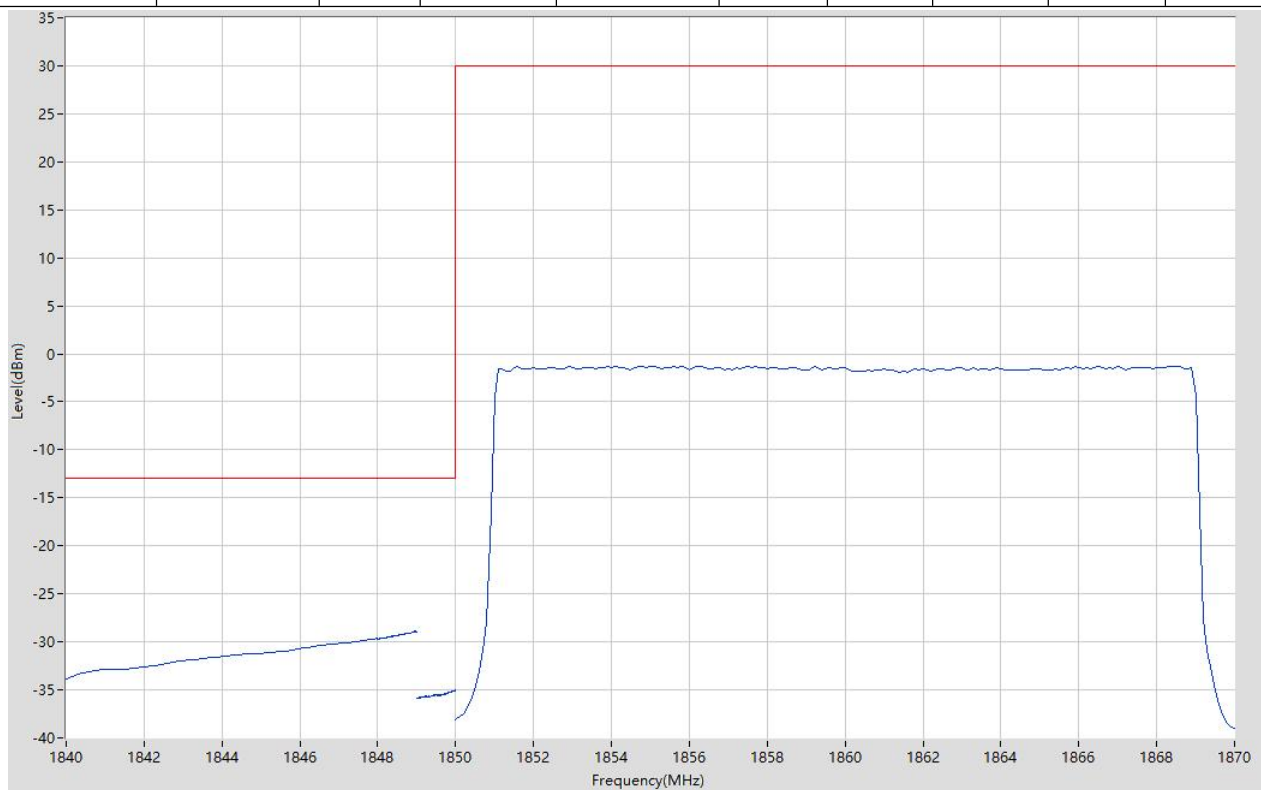
### 1.43 LTE Band Edge\_Part22-24-27(Subtest:43, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -42.42      | -13         | 29.42       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -38.71      | -13         | 25.71       | Pass    | 2           |
| 1849                  | 1850                 | 0.2       | RMS      | 1850            | -26.93      | -13         | 13.93       | Pass    | 101         |
| 1850                  | 1870                 | 0.1       | RMS      | 1851.1          | 19          | 30          | 11          | Pass    | 201         |



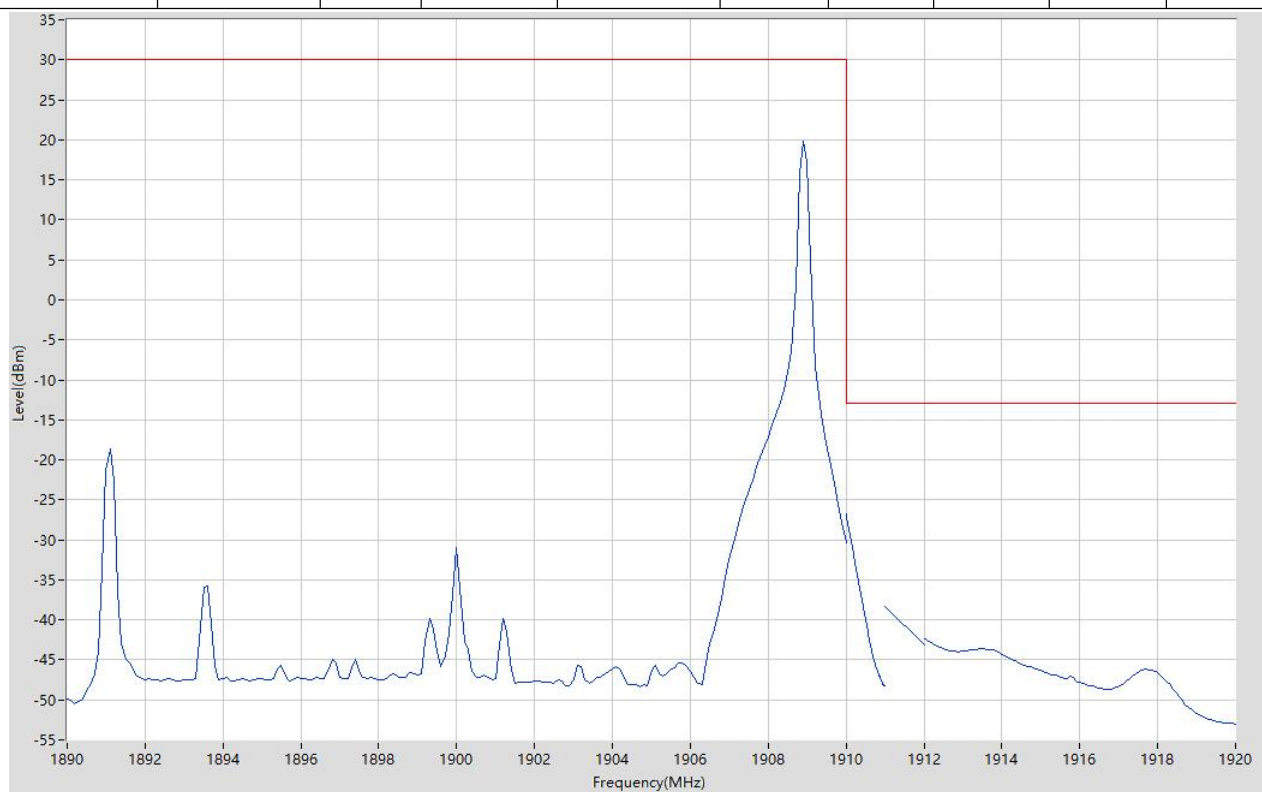
#### 1.44 LTE Band Edge\_Part22-24-27(Subtest:44, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -29.64      | -13         | 16.64       | Pass    | 101         |
| 1848                  | 1849                 | 1         | RMS      | 1848.93         | -28.91      | -13         | 15.91       | Pass    | 101         |
| 1849                  | 1850                 | 0.2       | RMS      | 1850            | -35.01      | -13         | 22.01       | Pass    | 101         |
| 1850                  | 1870                 | 0.1       | RMS      | 1854.8          | -1.27       | 30          | 31.27       | Pass    | 201         |



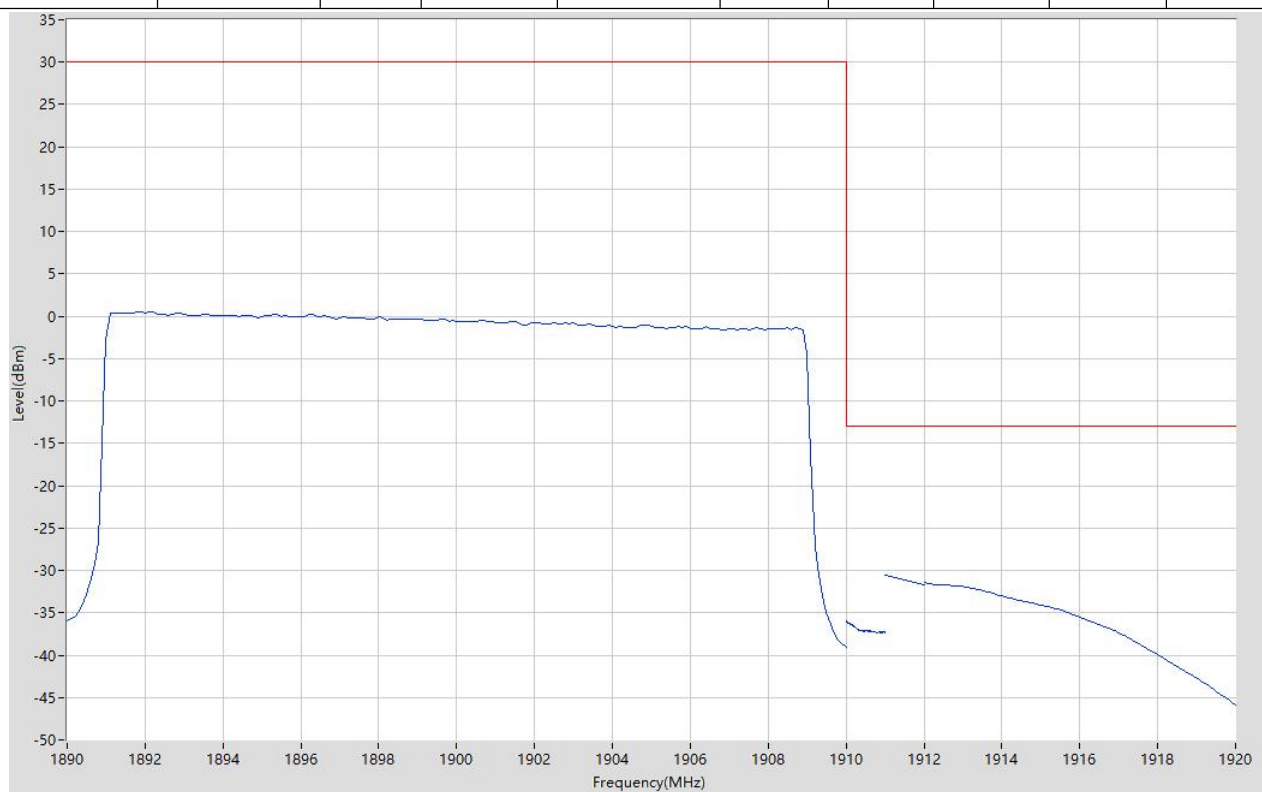
### 1.45 LTE Band Edge\_Part22-24-27(Subtest:45, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:1, RB Position:99)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1890                  | 1910                 | 0.1       | RMS      | 1908.9          | 19.83       | 30          | 10.17       | Pass    | 201         |
| 1910                  | 1911                 | 0.2       | RMS      | 1910            | -26.81      | -13         | 13.81       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -38.32      | -13         | 25.32       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -42.34      | -13         | 29.34       | Pass    | 101         |



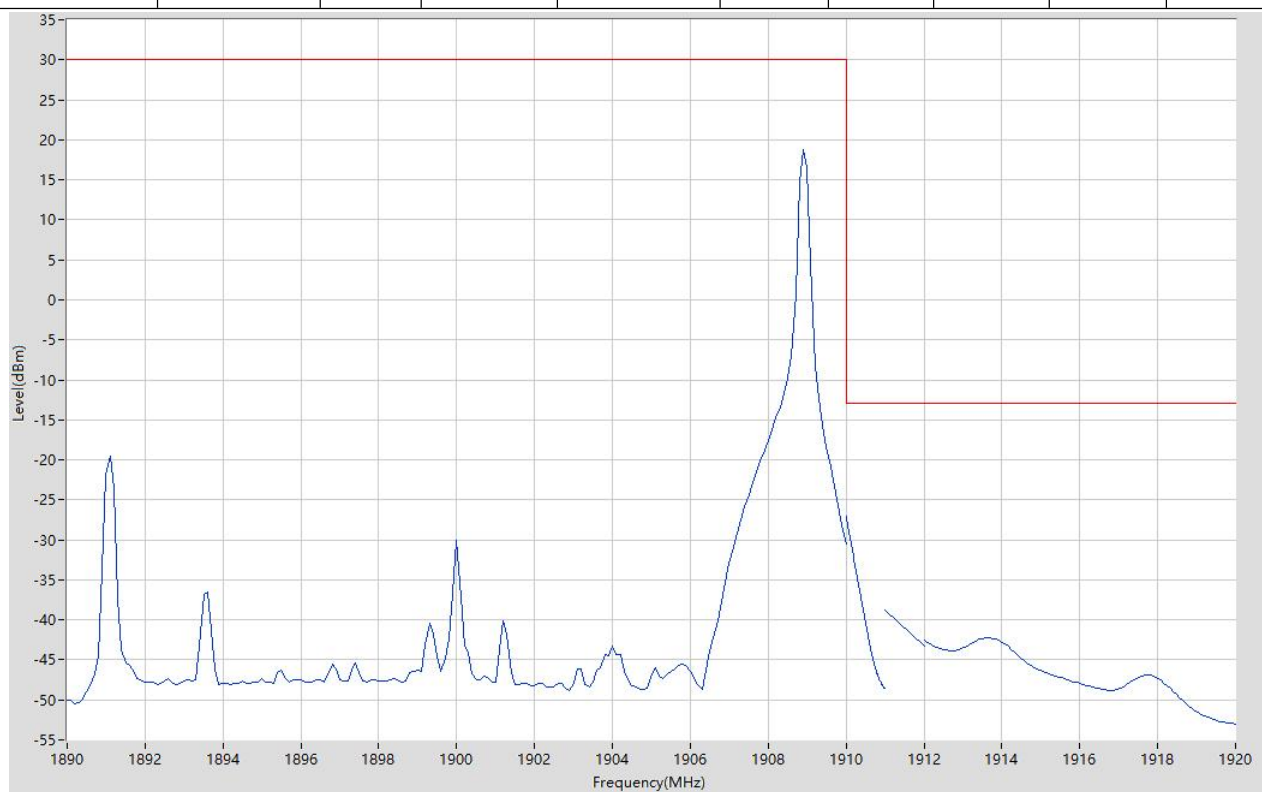
#### 1.46 LTE Band Edge\_Part22-24-27(Subtest:46, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number:100, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1890                  | 1910                 | 0.1       | RMS      | 1891.9          | 0.49        | 30          | 29.51       | Pass    | 201         |
| 1910                  | 1911                 | 0.2       | RMS      | 1910            | -35.98      | -13         | 22.98       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -30.6       | -13         | 17.6        | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -31.47      | -13         | 18.47       | Pass    | 101         |



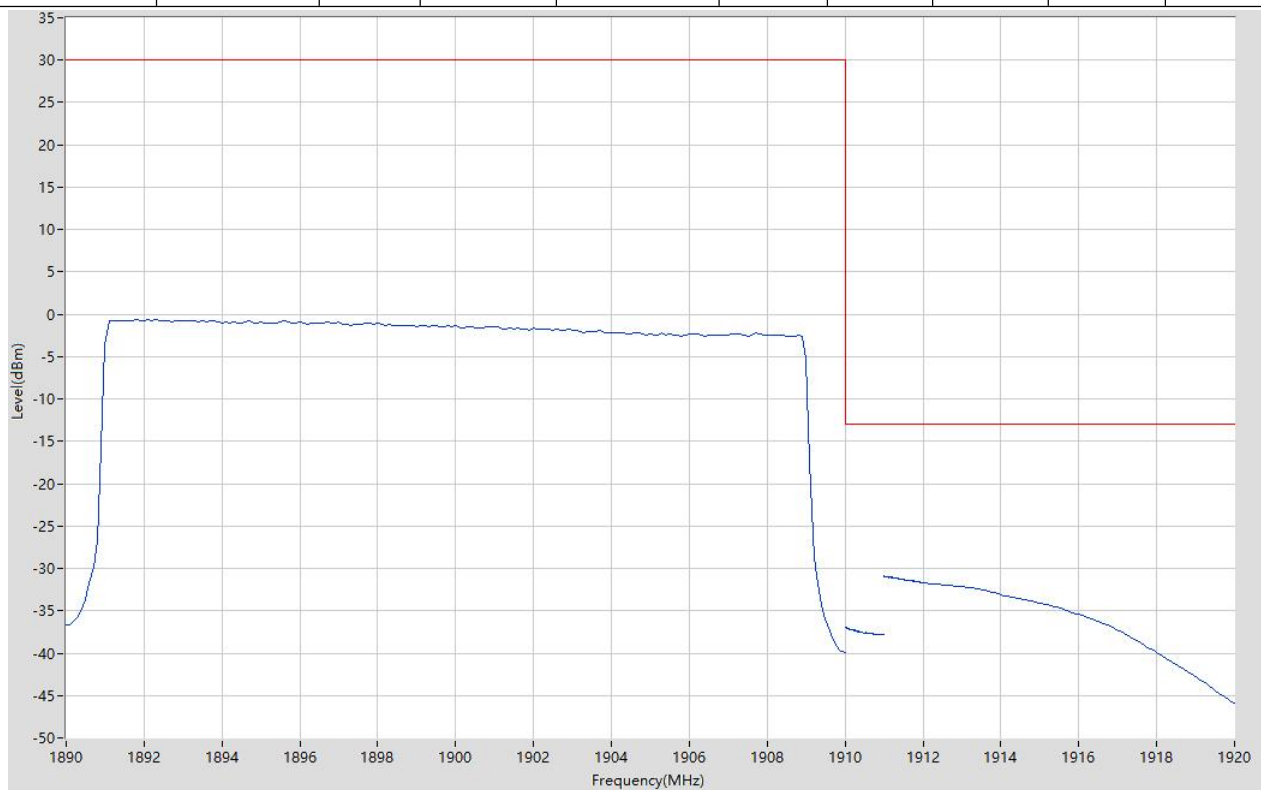
### 1.47 LTE Band Edge\_Part22-24-27(Subtest:47, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:1, RB Position:99)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1890                  | 1910                 | 0.1       | RMS      | 1908.9          | 18.83       | 30          | 11.17       | Pass    | 201         |
| 1910                  | 1911                 | 0.2       | RMS      | 1910            | -27.08      | -13         | 14.08       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -38.8       | -13         | 25.8        | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1913.68         | -42.23      | -13         | 29.23       | Pass    | 101         |



**1.48 LTE Band Edge\_Part22-24-27(Subtest:48, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number:100, RB Position:0)(NTNV)**

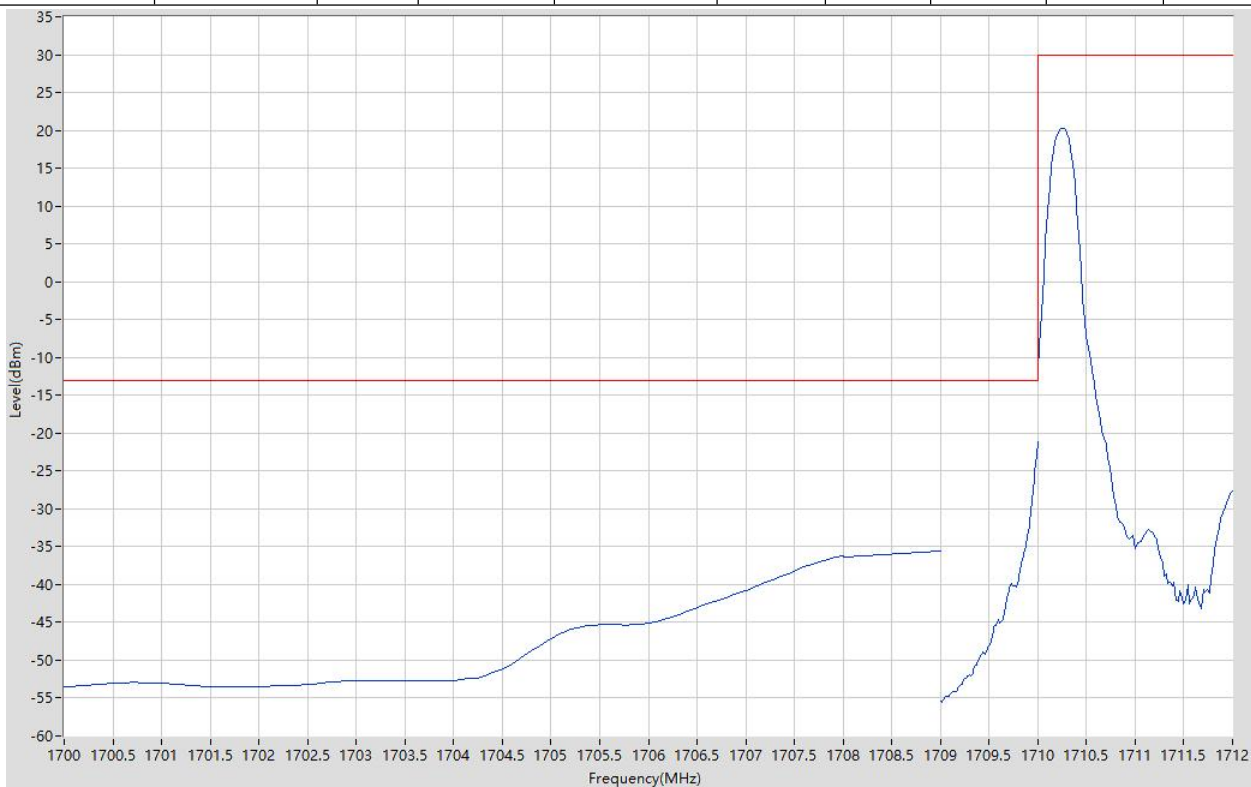
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1890                  | 1910                 | 0.1       | RMS      | 1892.1          | -0.6        | 30          | 30.6        | Pass    | 201         |
| 1910                  | 1911                 | 0.2       | RMS      | 1910            | -36.91      | -13         | 23.91       | Pass    | 101         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -30.9       | -13         | 17.9        | Pass    | 101         |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -31.73      | -13         | 18.73       | Pass    | 101         |



## 2. LTE\_Band4

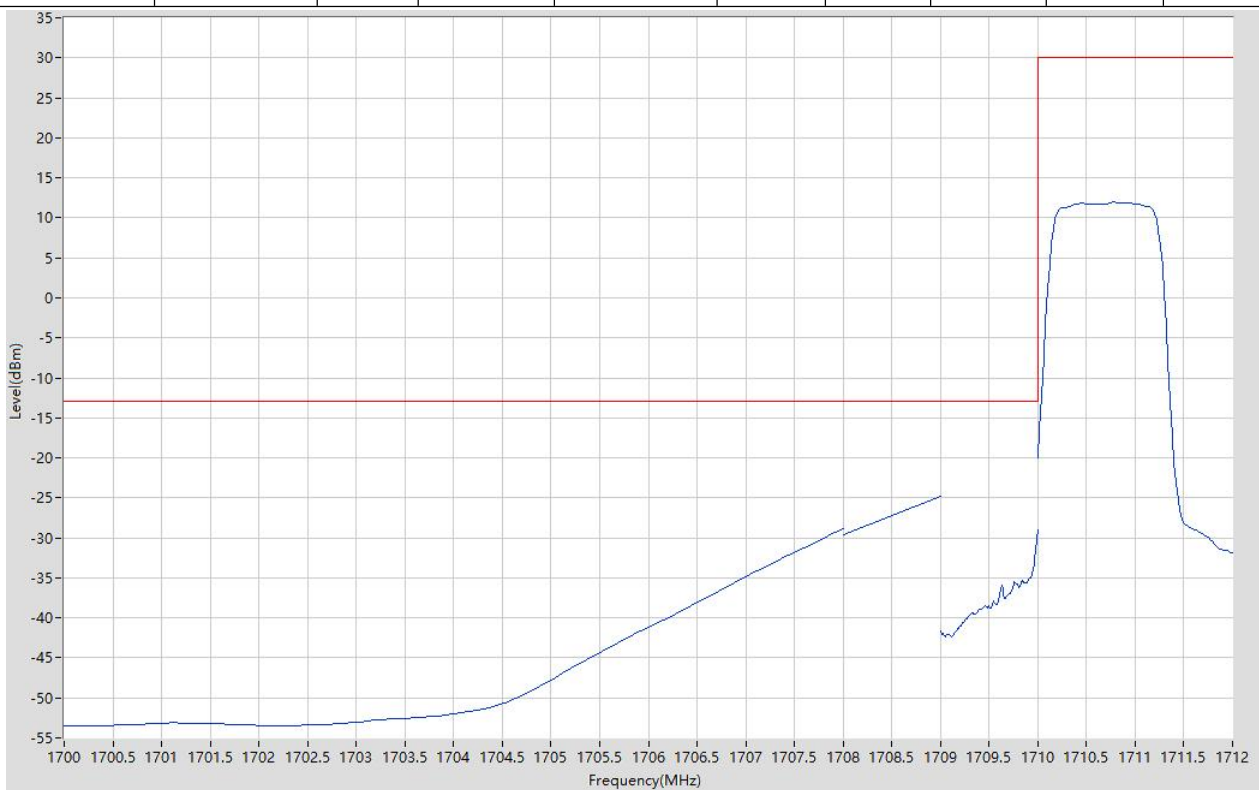
### 2.1 LTE Band Edge\_Part22-24-27(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -36.22      | -13         | 23.22       | Pass    | 101         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -35.65      | -13         | 22.65       | Pass    | 2           |
| 1709                  | 1710                 | 0.02      | RMS      | 1710            | -21.14      | -13         | 8.14        | Pass    | 101         |
| 1710                  | 1712                 | 0.1       | RMS      | 1710.26         | 20.22       | 30          | 9.78        | Pass    | 101         |



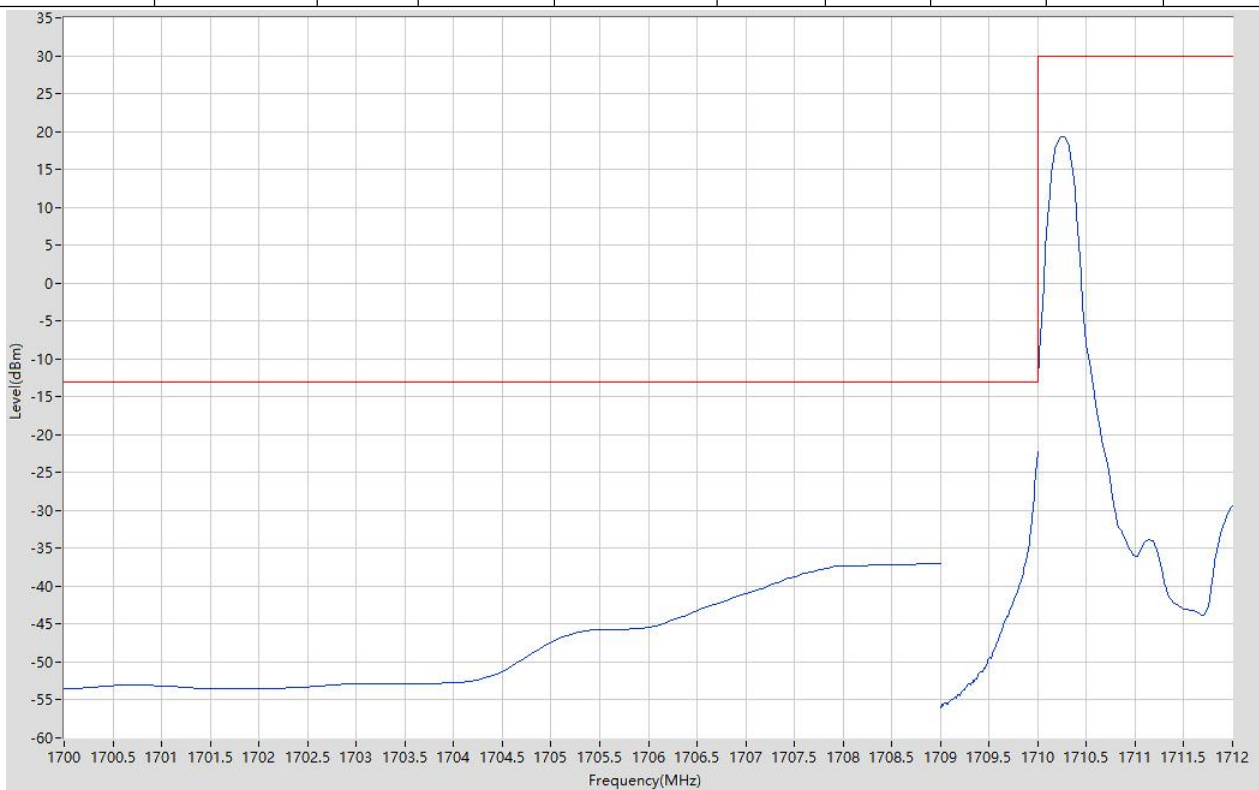
## 2.2 LTE Band Edge\_Part22-24-27(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number:6, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -28.82      | -13         | 15.82       | Pass    | 101         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -24.74      | -13         | 11.74       | Pass    | 2           |
| 1709                  | 1710                 | 0.02      | RMS      | 1710            | -29.06      | -13         | 16.06       | Pass    | 101         |
| 1710                  | 1712                 | 0.1       | RMS      | 1710.78         | 11.94       | 30          | 18.06       | Pass    | 101         |



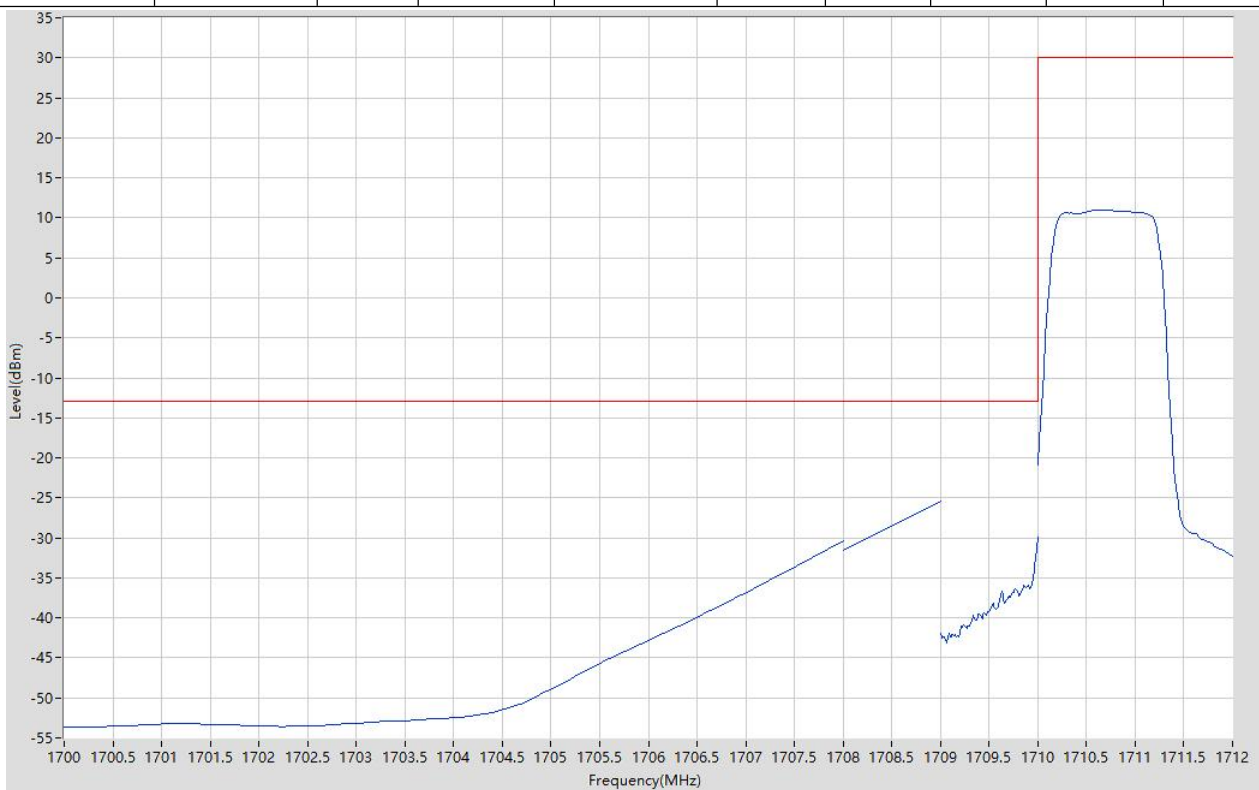
### 2.3 LTE Band Edge\_Part22-24-27(Subtest:3, Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -37.25      | -13         | 24.25       | Pass    | 101         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -36.92      | -13         | 23.92       | Pass    | 2           |
| 1709                  | 1710                 | 0.02      | RMS      | 1710            | -22.26      | -13         | 9.26        | Pass    | 101         |
| 1710                  | 1712                 | 0.1       | RMS      | 1710.26         | 19.3        | 30          | 10.7        | Pass    | 101         |



## 2.4 LTE Band Edge\_Part22-24-27(Subtest:4, Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number:6, RB Position:0)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -30.38      | -13         | 17.38       | Pass    | 101         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -25.35      | -13         | 12.35       | Pass    | 2           |
| 1709                  | 1710                 | 0.02      | RMS      | 1710            | -29.94      | -13         | 16.94       | Pass    | 101         |
| 1710                  | 1712                 | 0.1       | RMS      | 1710.7          | 11          | 30          | 19          | Pass    | 101         |



## 2.5 LTE Band Edge\_Part22-24-27(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number:1, RB Position:5)(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1753                  | 1755                 | 0.1       | RMS      | 1754.74         | 20.21       | 30          | 9.79        | Pass    | 101         |
| 1755                  | 1756                 | 0.02      | RMS      | 1755            | -20.92      | -13         | 7.92        | Pass    | 101         |
| 1756                  | 1757                 | 1         | RMS      | 1756            | -35.54      | -13         | 22.54       | Pass    | 2           |
| 1757                  | 1765                 | 1         | RMS      | 1757            | -36.87      | -13         | 23.87       | Pass    | 101         |

