

## Band Edge

### LTE Mode Test Verdict

| Test Band | Test Bandwidth | Test Channel | Test Mode | Test RB (Size#Offset) | Verdict |
|-----------|----------------|--------------|-----------|-----------------------|---------|
| Band 48   | 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    |

# LTE CA Mode Test Verdict

| Test Channel | Modulation | PCC RB |        | SCC RB |        | Verdict |
|--------------|------------|--------|--------|--------|--------|---------|
|              |            | Size   | Offset | Size   | Offset |         |
| CA_48C       |            |        |        |        |        |         |
| 20MHz+5MHz   |            |        |        |        |        |         |
| Low          | QPSK       | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
|              | 16-QAM     | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
| High         | QPSK       | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
|              | 16-QAM     | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
| 20MHz+20MHz  |            |        |        |        |        |         |
| Low          | QPSK       | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
|              | 16-QAM     | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
| High         | QPSK       | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |
|              | 16-QAM     | 1      | Low    | 1      | Low    | Pass    |
|              |            | 1      | Low    | 1      | High   | Pass    |
|              |            | Full   | Low    | Full   | Low    | Pass    |

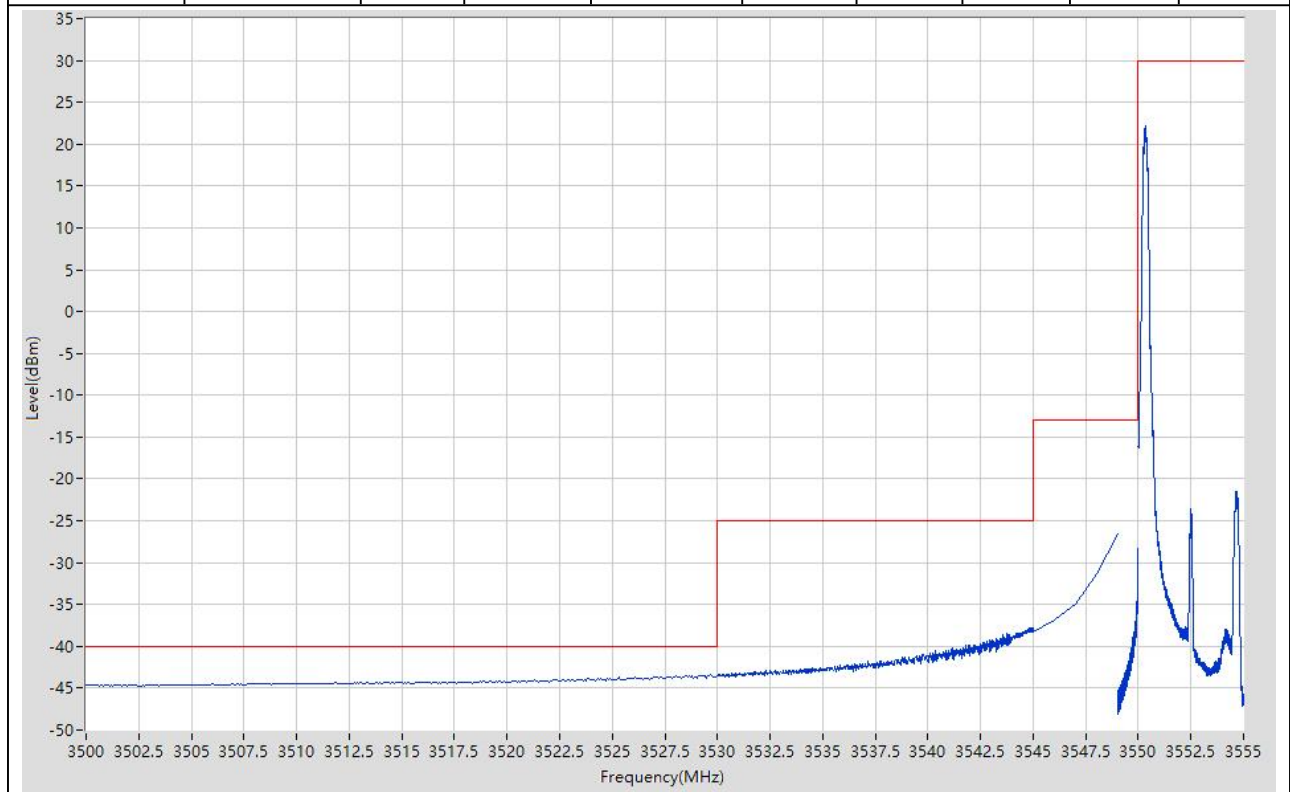
# NR Mode Test Verdict

| Test Band | NR Test Bandwidth (MHz) | Test Channel | Test Mode | NR UL RB No. | NR UL RB Pos. | Verdict |
|-----------|-------------------------|--------------|-----------|--------------|---------------|---------|
| n48       | 10                      | LCH          | QPSK      | 1            | 0             | Pass    |
|           |                         |              |           | 24           | 0             | Pass    |
|           |                         | HCH          | QPSK      | 1            | 23            | Pass    |
|           |                         |              |           | 24           | 0             | Pass    |
|           | 20                      | LCH          | QPSK      | 1            | 0             | Pass    |
|           |                         |              |           | 51           | 0             | Pass    |
|           |                         | HCH          | QPSK      | 1            | 50            | Pass    |
|           |                         |              |           | 51           | 0             | Pass    |
|           | 40                      | LCH          | QPSK      | 1            | 0             | Pass    |
|           |                         |              |           | 106          | 0             | Pass    |
|           |                         | HCH          | QPSK      | 1            | 105           | Pass    |
|           |                         |              |           | 106          | 0             | Pass    |

## LTE\_Band48

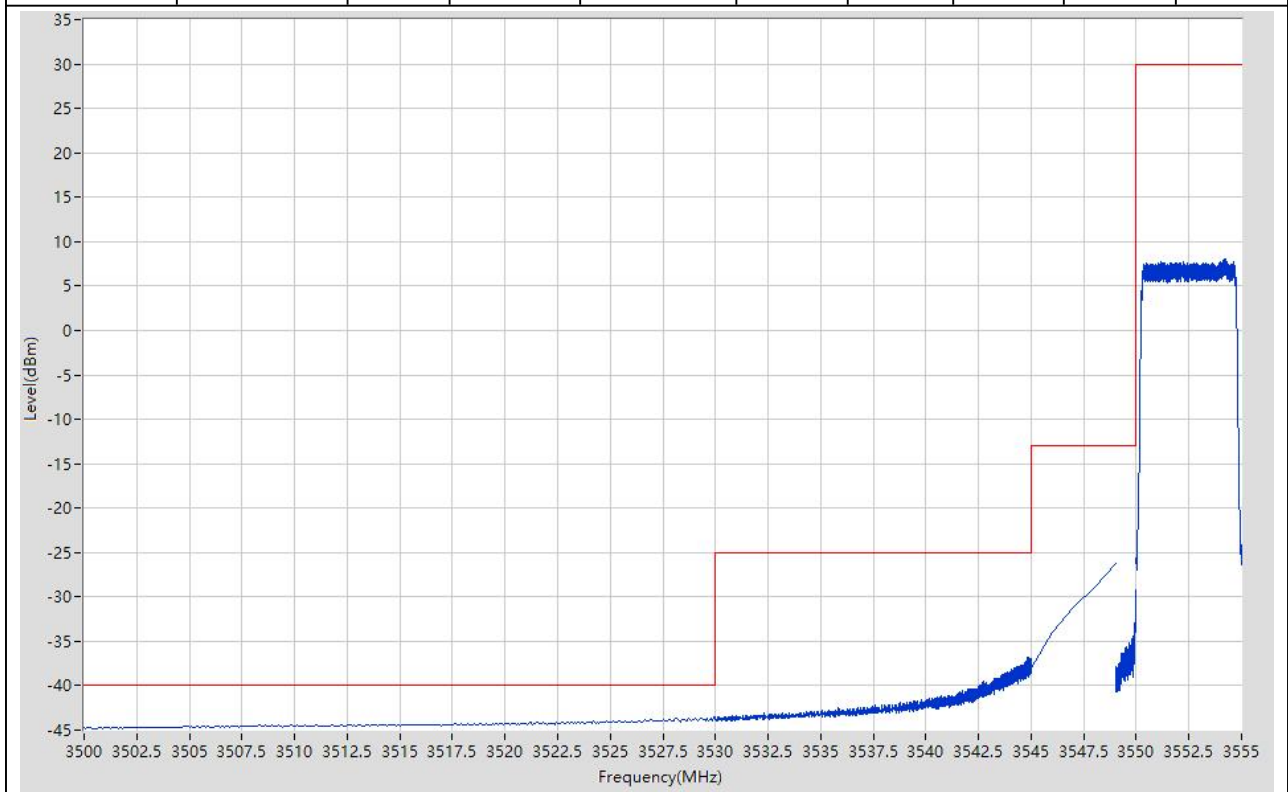
**1.1 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.7          | -43.42      | -40         | 3.42        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.725        | -40.98      | -25         | 15.98       | Pass    | 401         |
| 3540                  | 3545                 | 1         | RMS      | 3544.938        | -37.74      | -25         | 12.74       | Pass    | 401         |
| 3545                  | 3549                 | 1         | RMS      | 3549            | -26.55      | -13         | 13.55       | Pass    | 5           |
| 3549                  | 3550                 | 0.01      | RMS      | 3550            | -28.3       | -13         | 15.3        | Pass    | 401         |
| 3550                  | 3555                 | 0.1       | RMS      | 3550.325        | 22.11       | 30          | 7.89        | Pass    | 401         |



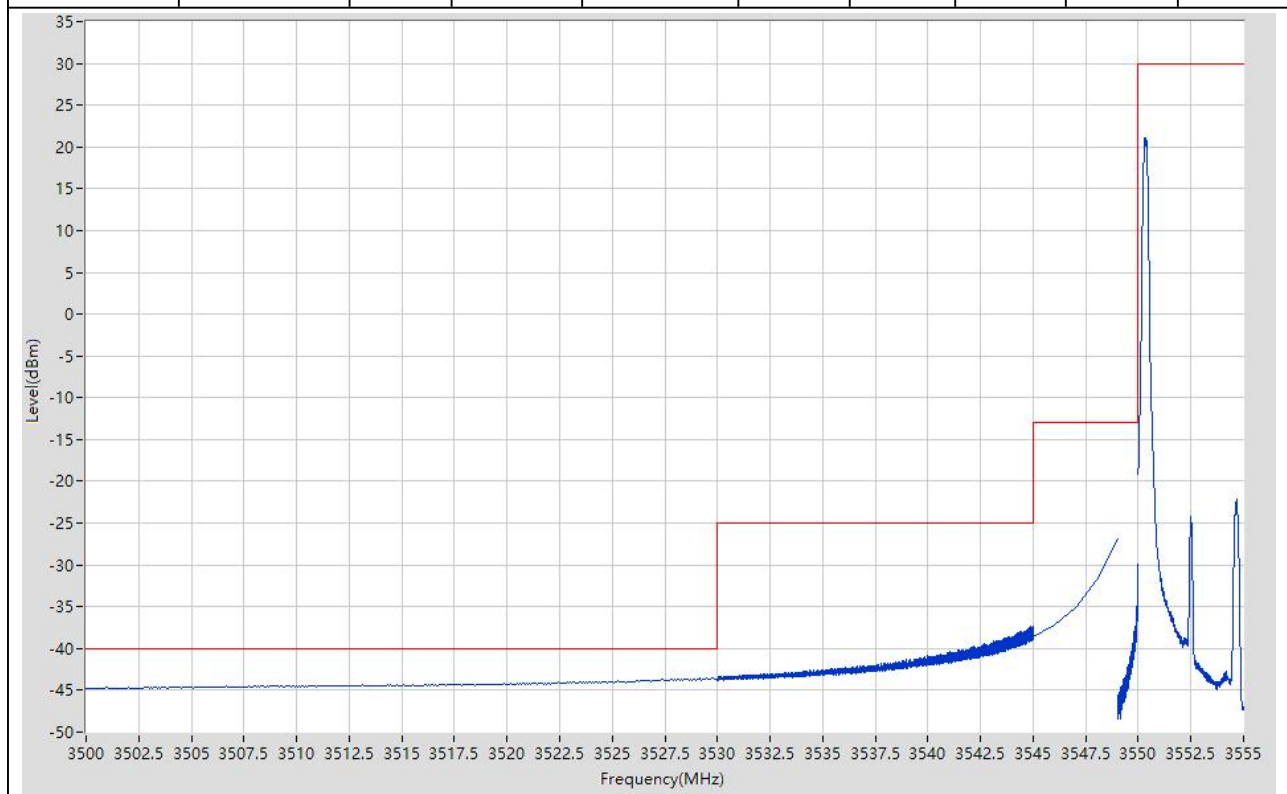
## 1.2 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.925        | -43.58      | -40         | 3.58        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.8          | -41.53      | -25         | 16.53       | Pass    | 401         |
| 3540                  | 3545                 | 1         | RMS      | 3544.888        | -36.74      | -25         | 11.74       | Pass    | 401         |
| 3545                  | 3549                 | 1         | RMS      | 3549            | -26.3       | -13         | 13.3        | Pass    | 5           |
| 3549                  | 3550                 | 0.051     | RMS      | 3549.995        | -29.21      | -13         | 16.21       | Pass    | 401         |
| 3550                  | 3555                 | 0.1       | RMS      | 3554.2          | 8.01        | 30          | 21.99       | Pass    | 401         |



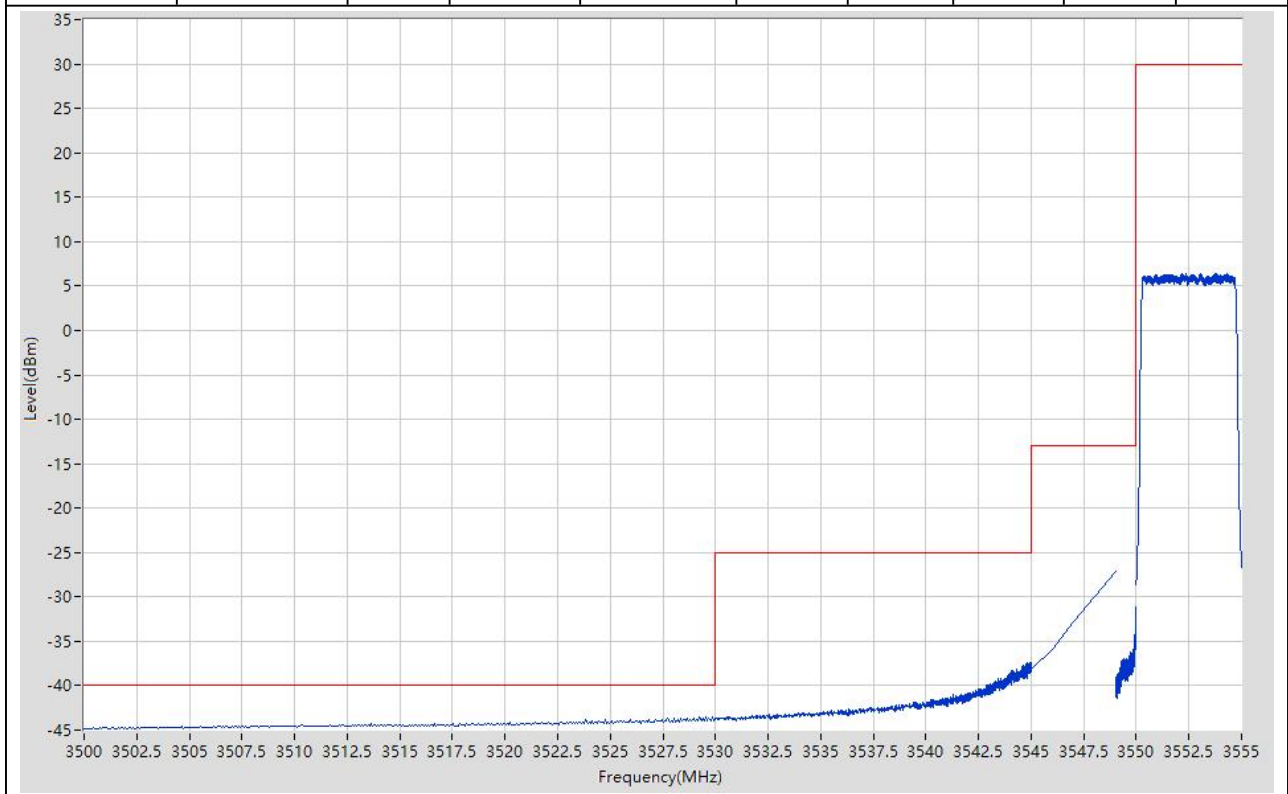
### 1.3 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:55265, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.775        | -43.51      | -40         | 3.51        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.975        | -40.88      | -25         | 15.88       | Pass    | 401         |
| 3540                  | 3545                 | 1         | RMS      | 3544.9          | -37.33      | -25         | 12.33       | Pass    | 401         |
| 3545                  | 3549                 | 1         | RMS      | 3549            | -26.84      | -13         | 13.84       | Pass    | 5           |
| 3549                  | 3550                 | 0.01      | RMS      | 3550            | -29.84      | -13         | 16.84       | Pass    | 401         |
| 3550                  | 3555                 | 0.1       | RMS      | 3550.338        | 21.1        | 30          | 8.9         | Pass    | 401         |



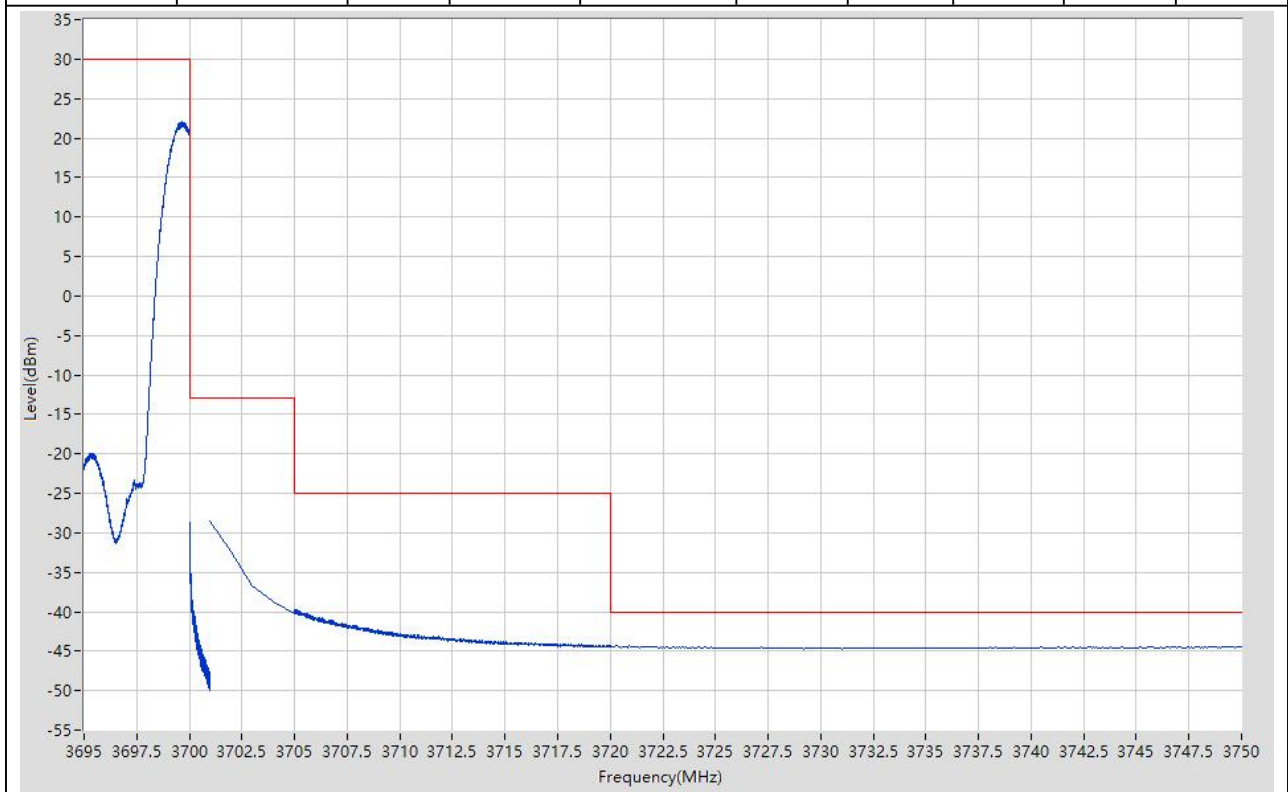
# 1.4 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:55265, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.85         | -43.48      | -40         | 3.48        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.825        | -41.88      | -25         | 16.88       | Pass    | 401         |
| 3540                  | 3545                 | 1         | RMS      | 3544.788        | -37.35      | -25         | 12.35       | Pass    | 401         |
| 3545                  | 3549                 | 1         | RMS      | 3549            | -27.05      | -13         | 14.05       | Pass    | 5           |
| 3549                  | 3550                 | 0.051     | RMS      | 3550            | -31.19      | -13         | 18.19       | Pass    | 401         |
| 3550                  | 3555                 | 0.1       | RMS      | 3552.188        | 6.45        | 30          | 23.55       | Pass    | 401         |



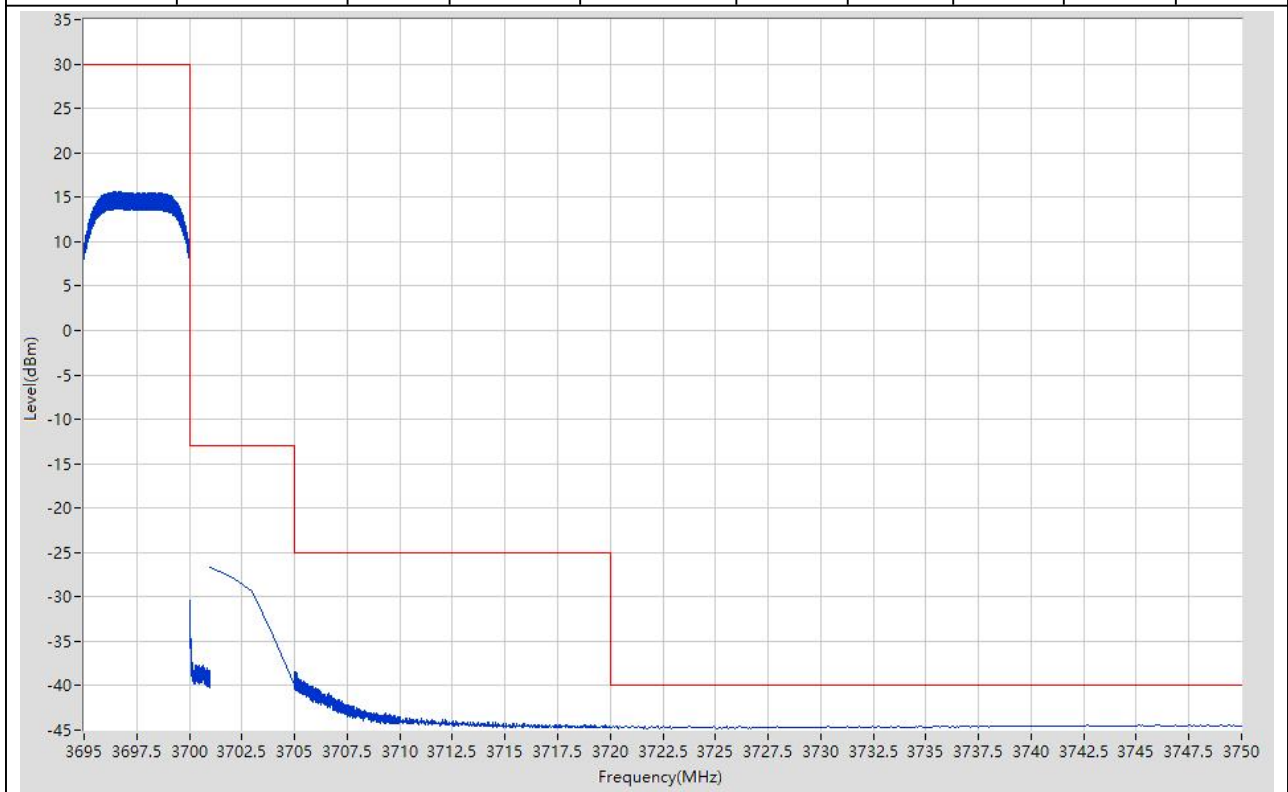
**1.5 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3695                  | 3700                 | 1         | RMS      | 3699.663        | 22.09       | 30          | 7.91        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700            | -28.75      | -13         | 15.75       | Pass    | 401         |
| 3701                  | 3705                 | 1         | RMS      | 3701            | -28.53      | -13         | 15.53       | Pass    | 5           |
| 3705                  | 3710                 | 1         | RMS      | 3705.075        | -39.75      | -25         | 14.75       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.025        | -42.8       | -25         | 17.8        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720            | -44.32      | -40         | 4.32        | Pass    | 401         |



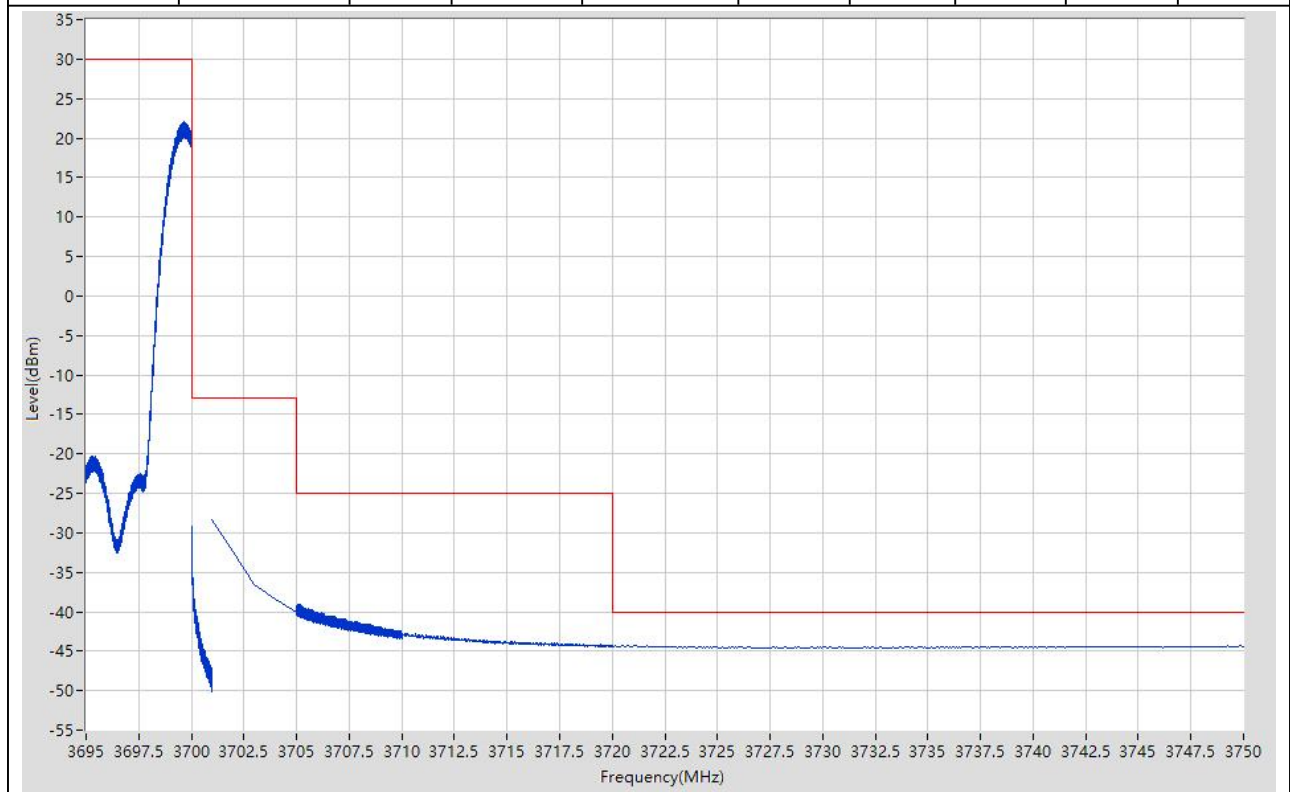
**1.6 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3695                  | 3700                 | 1         | RMS      | 3696.663        | 15.62       | 30          | 14.38       | Pass    | 401         |
| 3700                  | 3701                 | 0.051     | RMS      | 3700            | -30.39      | -13         | 17.39       | Pass    | 401         |
| 3701                  | 3705                 | 1         | RMS      | 3701            | -26.62      | -13         | 13.62       | Pass    | 5           |
| 3705                  | 3710                 | 1         | RMS      | 3705            | -38.43      | -25         | 13.43       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.35         | -43.61      | -25         | 18.61       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3745.95         | -44.45      | -40         | 4.45        | Pass    | 401         |



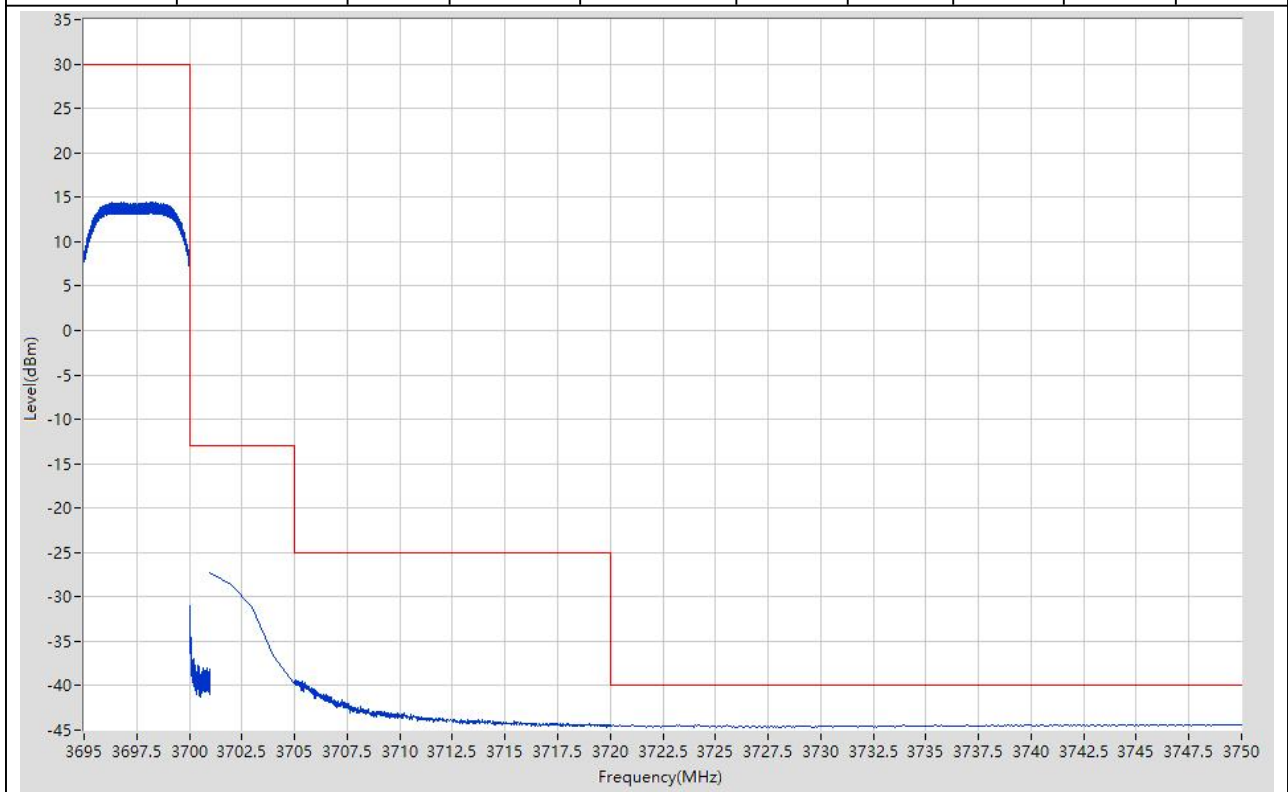
**1.7 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:56715, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3695                  | 3700                 | 1         | RMS      | 3699.638        | 22.03       | 30          | 7.97        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700            | -29.2       | -13         | 16.2        | Pass    | 401         |
| 3701                  | 3705                 | 1         | RMS      | 3701            | -28.32      | -13         | 15.32       | Pass    | 5           |
| 3705                  | 3710                 | 1         | RMS      | 3705.088        | -39.08      | -25         | 14.08       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.25         | -42.81      | -25         | 17.81       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.45         | -44.24      | -40         | 4.24        | Pass    | 401         |



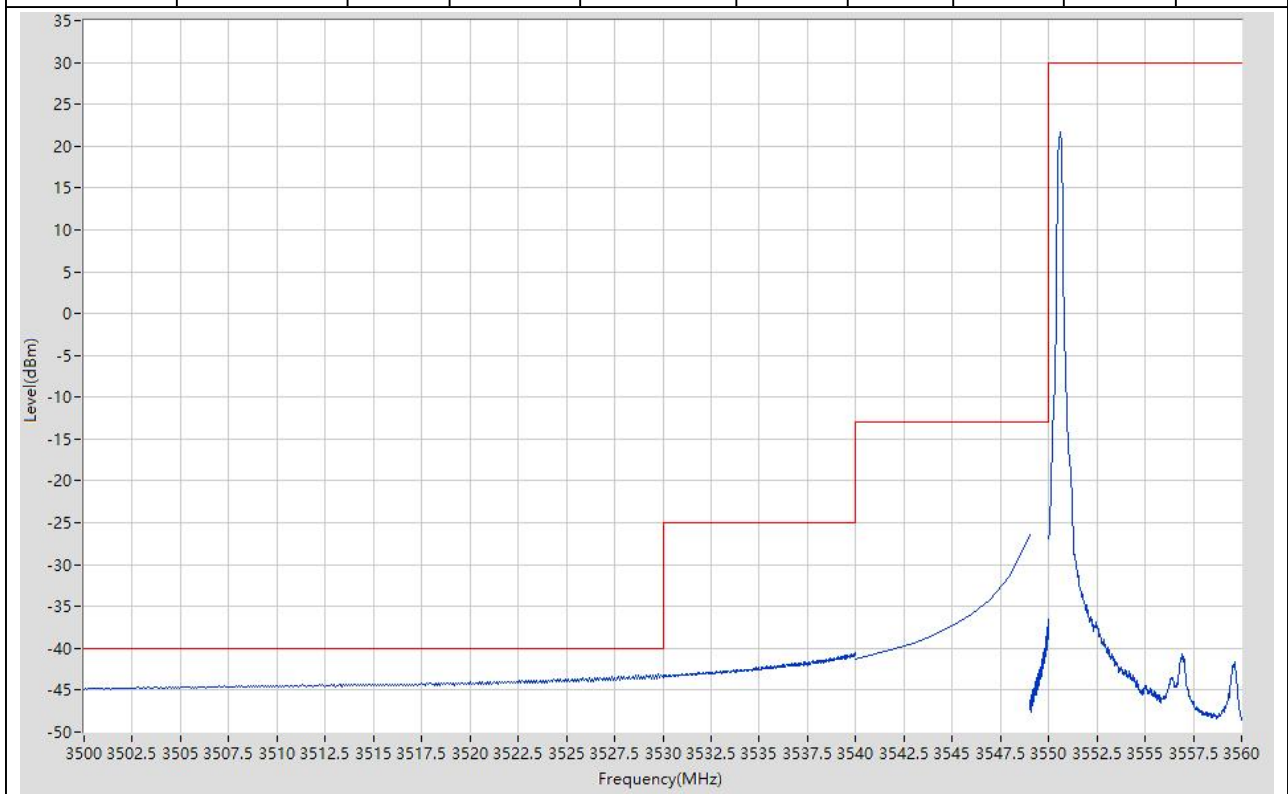
**1.8 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:56715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3695                  | 3700                 | 1         | RMS      | 3698.2          | 14.41       | 30          | 15.59       | Pass    | 401         |
| 3700                  | 3701                 | 0.051     | RMS      | 3700            | -31.06      | -13         | 18.06       | Pass    | 401         |
| 3701                  | 3705                 | 1         | RMS      | 3701            | -27.27      | -13         | 14.27       | Pass    | 5           |
| 3705                  | 3710                 | 1         | RMS      | 3705.038        | -39.34      | -25         | 14.34       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.225        | -43.02      | -25         | 18.02       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3744.15         | -44.35      | -40         | 4.35        | Pass    | 401         |



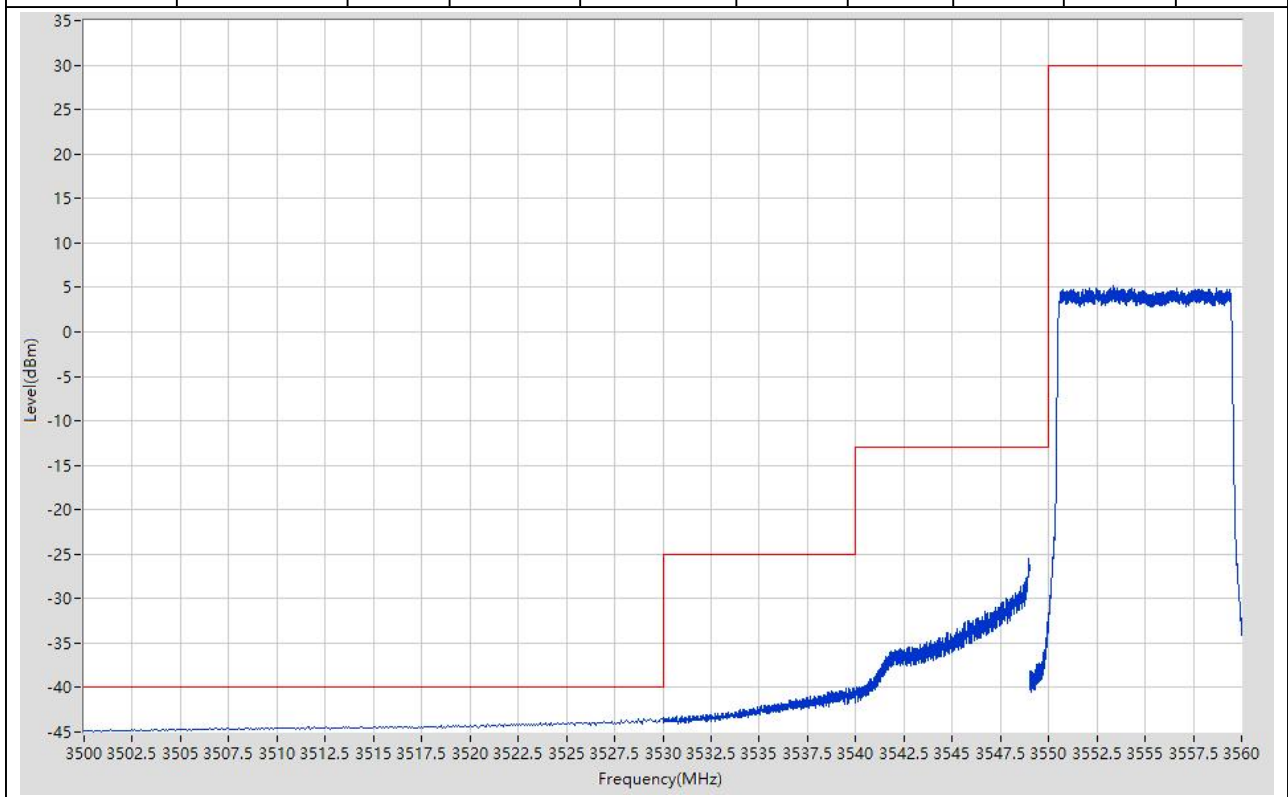
**1.9 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.775        | -43.08      | -40         | 3.08        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3540            | -40.55      | -25         | 15.55       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -26.46      | -13         | 13.46       | Pass    | 10          |
| 3549                  | 3550                 | 0.01      | RMS      | 3550            | -36.48      | -13         | 23.48       | Pass    | 401         |
| 3550                  | 3560                 | 0.1       | RMS      | 3550.575        | 21.78       | 30          | 8.22        | Pass    | 401         |



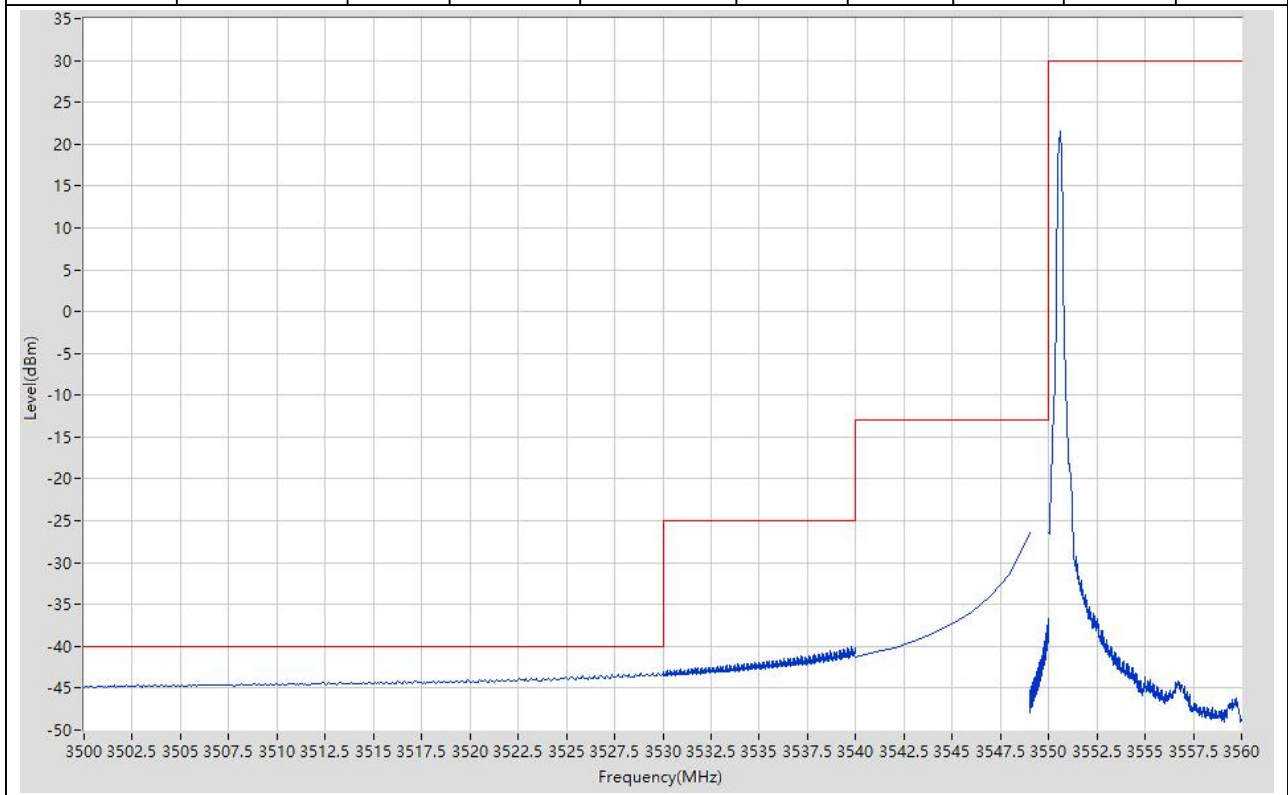
### 1.10 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3528.725        | -43.5       | -40         | 3.5         | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.625        | -40.09      | -25         | 15.09       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.978        | -25.44      | -13         | 12.44       | Pass    | 401         |
| 3549                  | 3550                 | 0.1       | RMS      | 3549.998        | -31.53      | -13         | 18.53       | Pass    | 401         |
| 3550                  | 3560                 | 0.1       | RMS      | 3553.325        | 5.21        | 30          | 24.79       | Pass    | 401         |



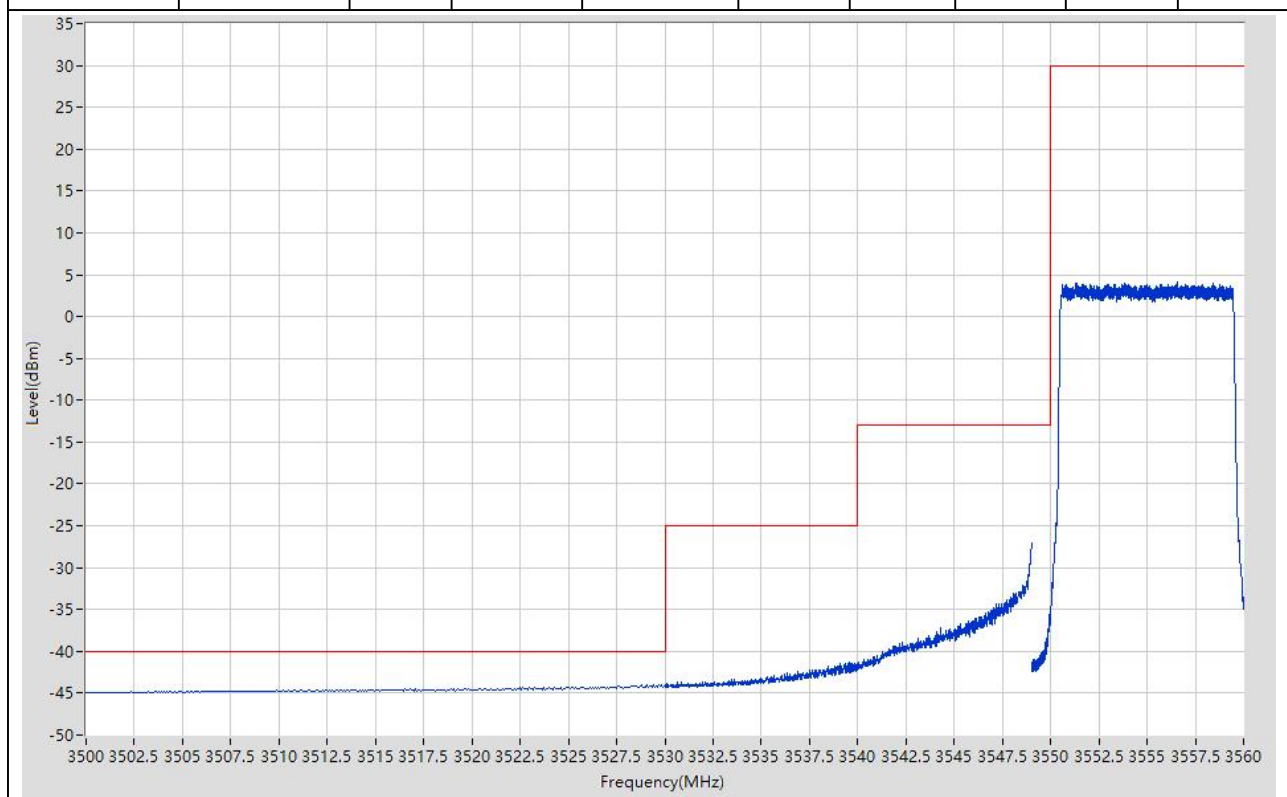
### 1.11 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.475        | -43.12      | -40         | 3.12        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.75         | -40         | -25         | 15          | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -26.48      | -13         | 13.48       | Pass    | 10          |
| 3549                  | 3550                 | 0.01      | RMS      | 3549.993        | -36.71      | -13         | 23.71       | Pass    | 401         |
| 3550                  | 3560                 | 0.1       | RMS      | 3550.575        | 21.59       | 30          | 8.41        | Pass    | 401         |



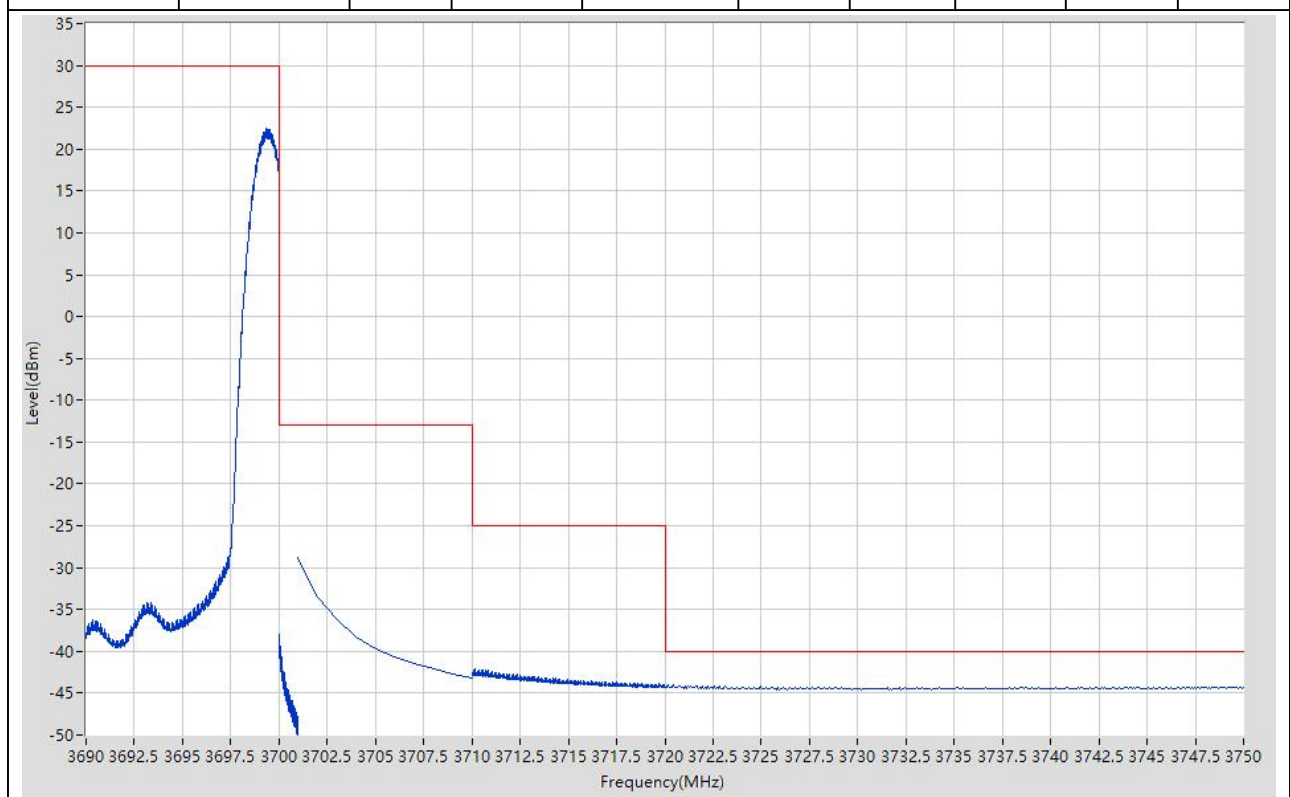
### 1.12 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.1          | -43.92      | -40         | 3.92        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.575        | -41.32      | -25         | 16.32       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -27.1       | -13         | 14.1        | Pass    | 401         |
| 3549                  | 3550                 | 0.1       | RMS      | 3549.998        | -34.7       | -13         | 21.7        | Pass    | 401         |
| 3550                  | 3560                 | 0.1       | RMS      | 3556.575        | 4.07        | 30          | 25.93       | Pass    | 401         |



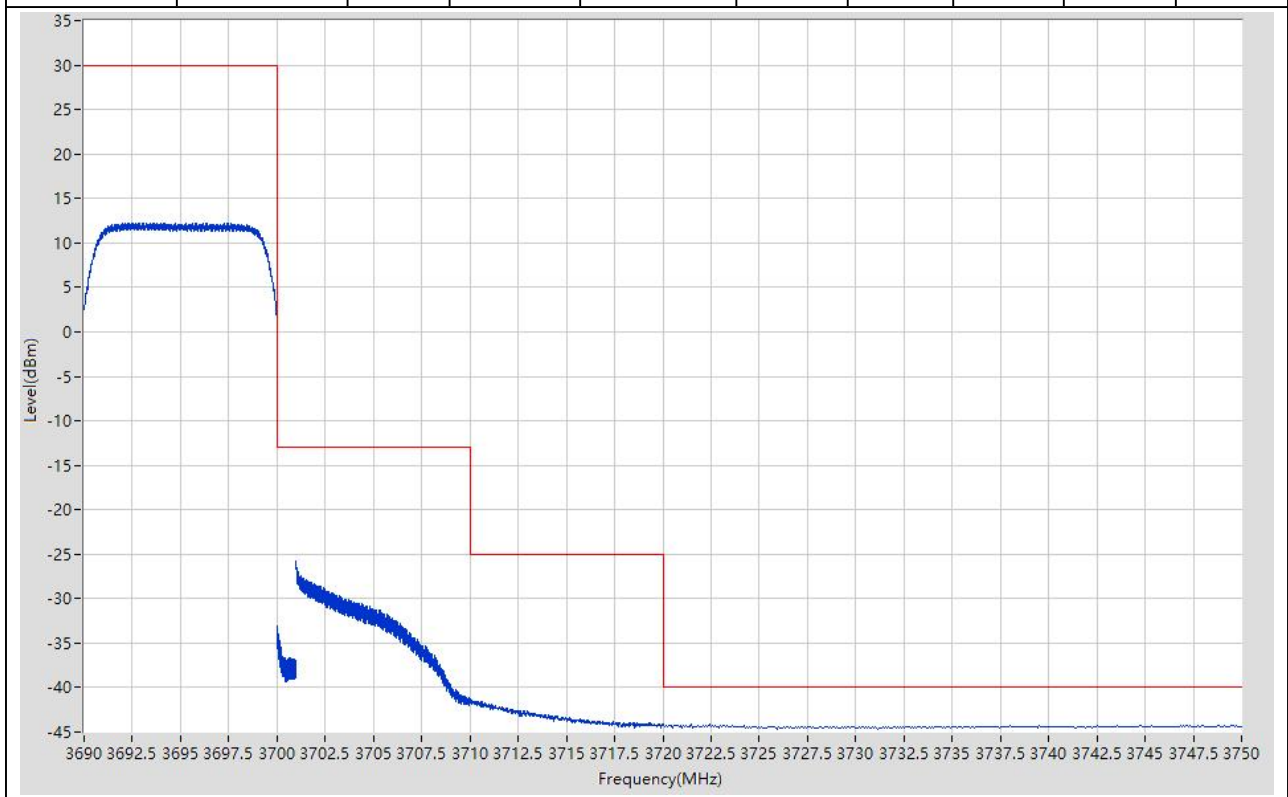
### 1.13 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3690                  | 3700                 | 1         | RMS      | 3699.3          | 22.43       | 30          | 7.57        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700.003        | -37.97      | -13         | 24.97       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -28.71      | -13         | 15.71       | Pass    | 10          |
| 3710                  | 3720                 | 1         | RMS      | 3710.175        | -42.14      | -25         | 17.14       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.15         | -43.94      | -40         | 3.94        | Pass    | 401         |



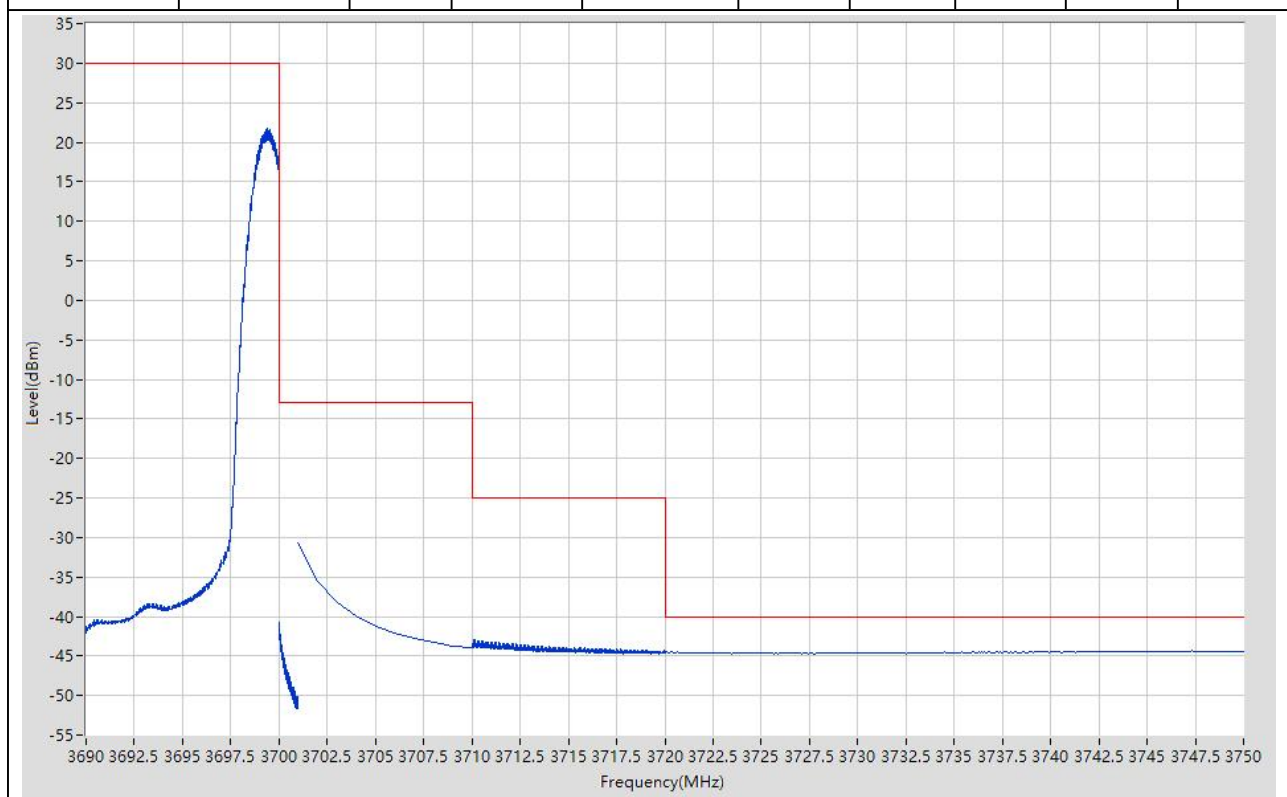
# 1.14 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3690                  | 3700                 | 1         | RMS      | 3693            | 12.25       | 30          | 17.75       | Pass    | 401         |
| 3700                  | 3701                 | 0.1       | RMS      | 3700            | -33.12      | -13         | 20.12       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -25.71      | -13         | 12.71       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710            | -41.4       | -25         | 16.4        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720            | -44.12      | -40         | 4.12        | Pass    | 401         |



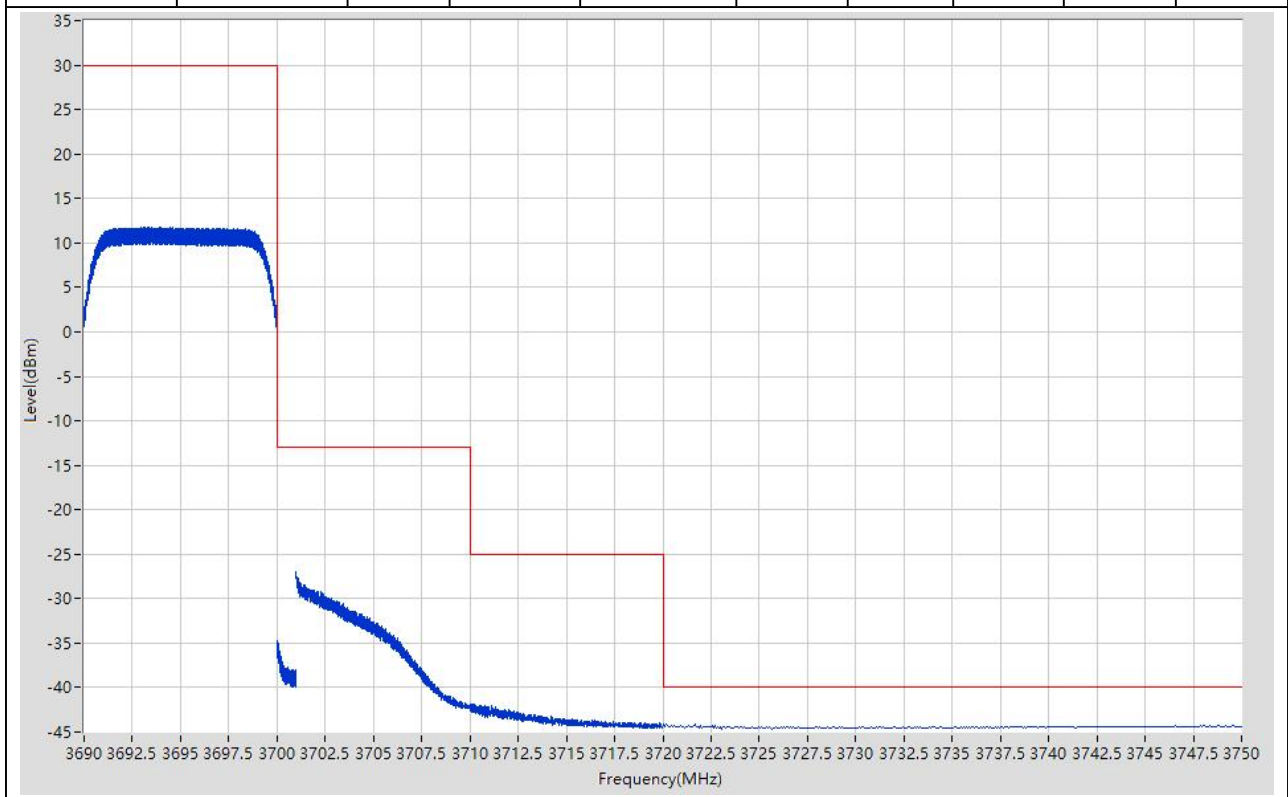
**1.15 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3690                  | 3700                 | 1         | RMS      | 3699.425        | 21.72       | 30          | 8.28        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700.003        | -40.83      | -13         | 27.83       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -30.68      | -13         | 17.68       | Pass    | 10          |
| 3710                  | 3720                 | 1         | RMS      | 3710.075        | -42.99      | -25         | 17.99       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3747.3          | -44.35      | -40         | 4.35        | Pass    | 401         |



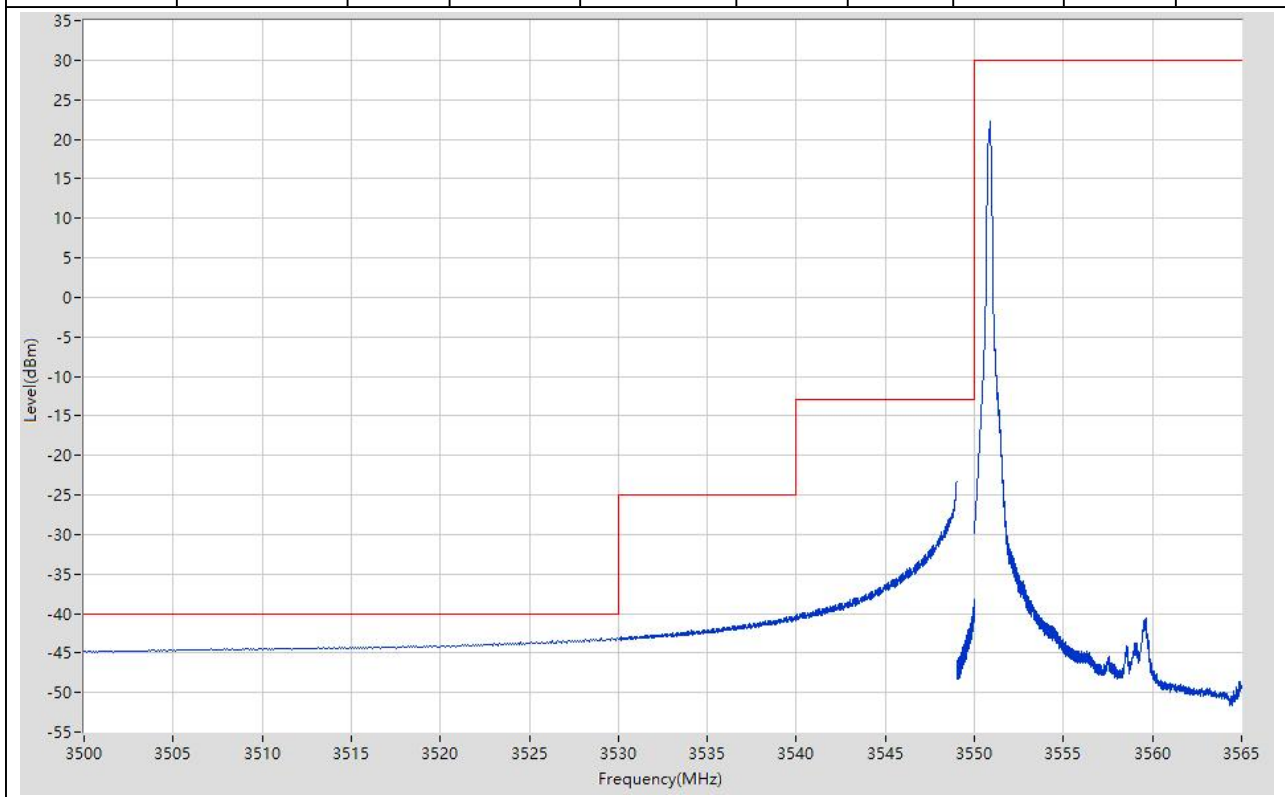
**1.16 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3690                  | 3700                 | 1         | RMS      | 3693.525        | 11.82       | 30          | 18.18       | Pass    | 401         |
| 3700                  | 3701                 | 0.1       | RMS      | 3700.003        | -34.65      | -13         | 21.65       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -26.94      | -13         | 13.94       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.25         | -41.8       | -25         | 16.8        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3721.65         | -44.16      | -40         | 4.16        | Pass    | 401         |



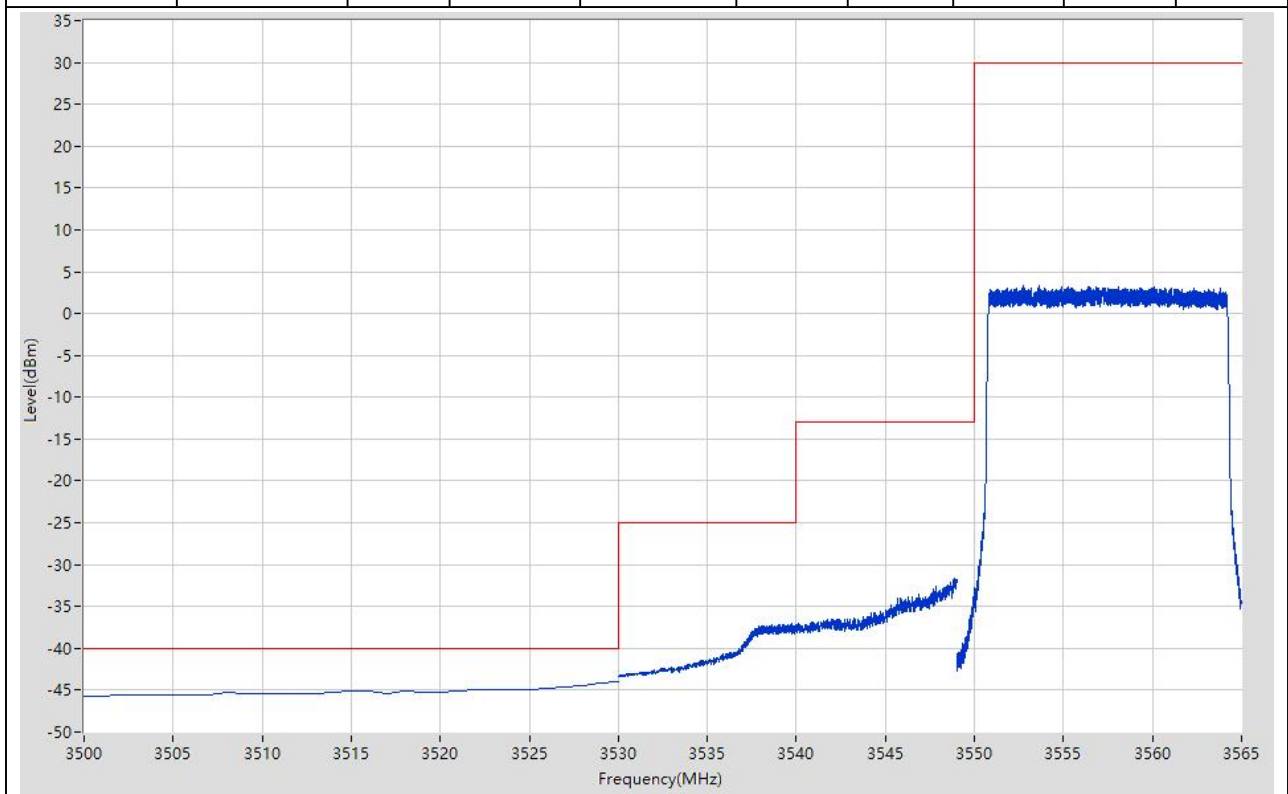
### 1.17 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:55315, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.625        | -43.11      | -40         | 3.11        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.975        | -40.33      | -25         | 15.33       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -23.27      | -13         | 10.27       | Pass    | 401         |
| 3549                  | 3550                 | 0.01      | RMS      | 3550            | -38.21      | -13         | 25.21       | Pass    | 401         |
| 3550                  | 3565                 | 0.1       | RMS      | 3550.863        | 22.2        | 30          | 7.8         | Pass    | 401         |



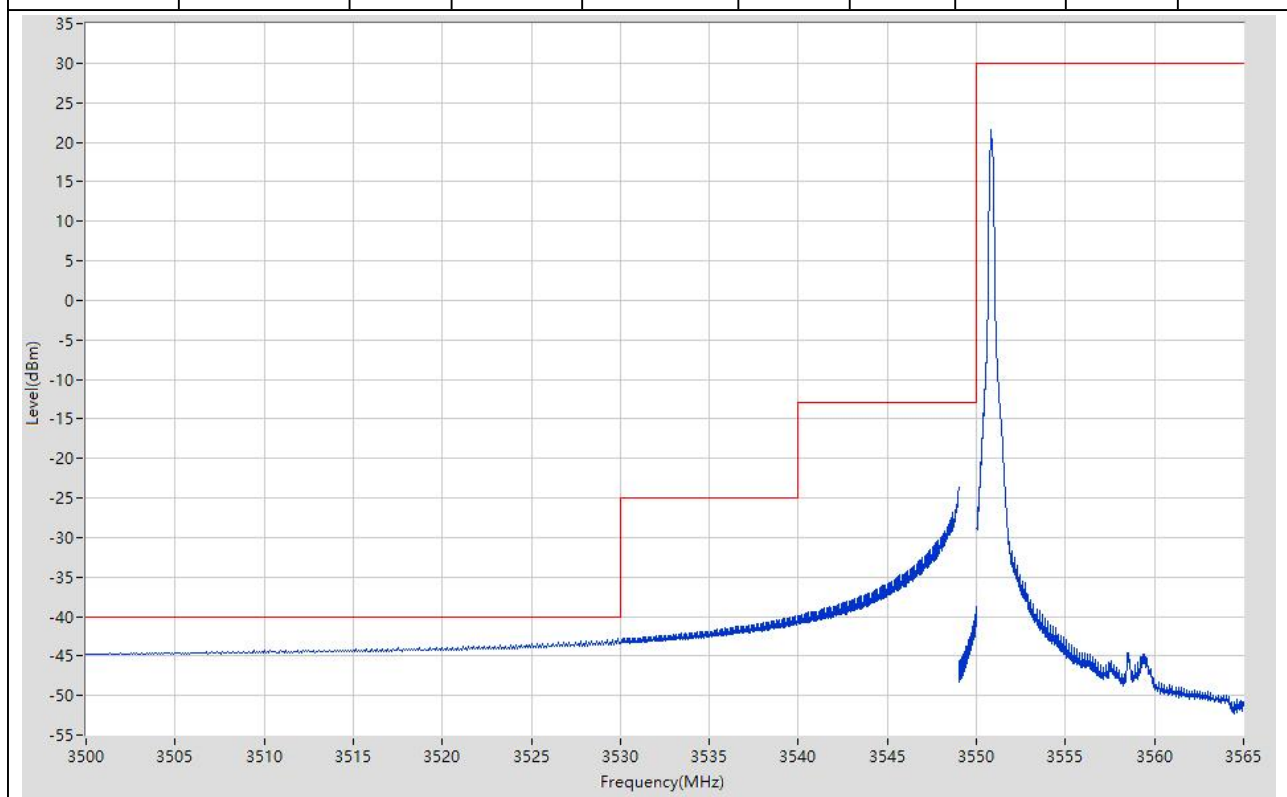
**1.18 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:55315, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -43.98      | -40         | 3.98        | Pass    | 31          |
| 3530                  | 3540                 | 1         | RMS      | 3539.75         | -36.97      | -25         | 11.97       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.865        | -31.67      | -13         | 18.67       | Pass    | 401         |
| 3549                  | 3550                 | 0.15      | RMS      | 3549.995        | -32.74      | -13         | 19.74       | Pass    | 401         |
| 3550                  | 3565                 | 0.1       | RMS      | 3553.6          | 3.29        | 30          | 26.71       | Pass    | 401         |



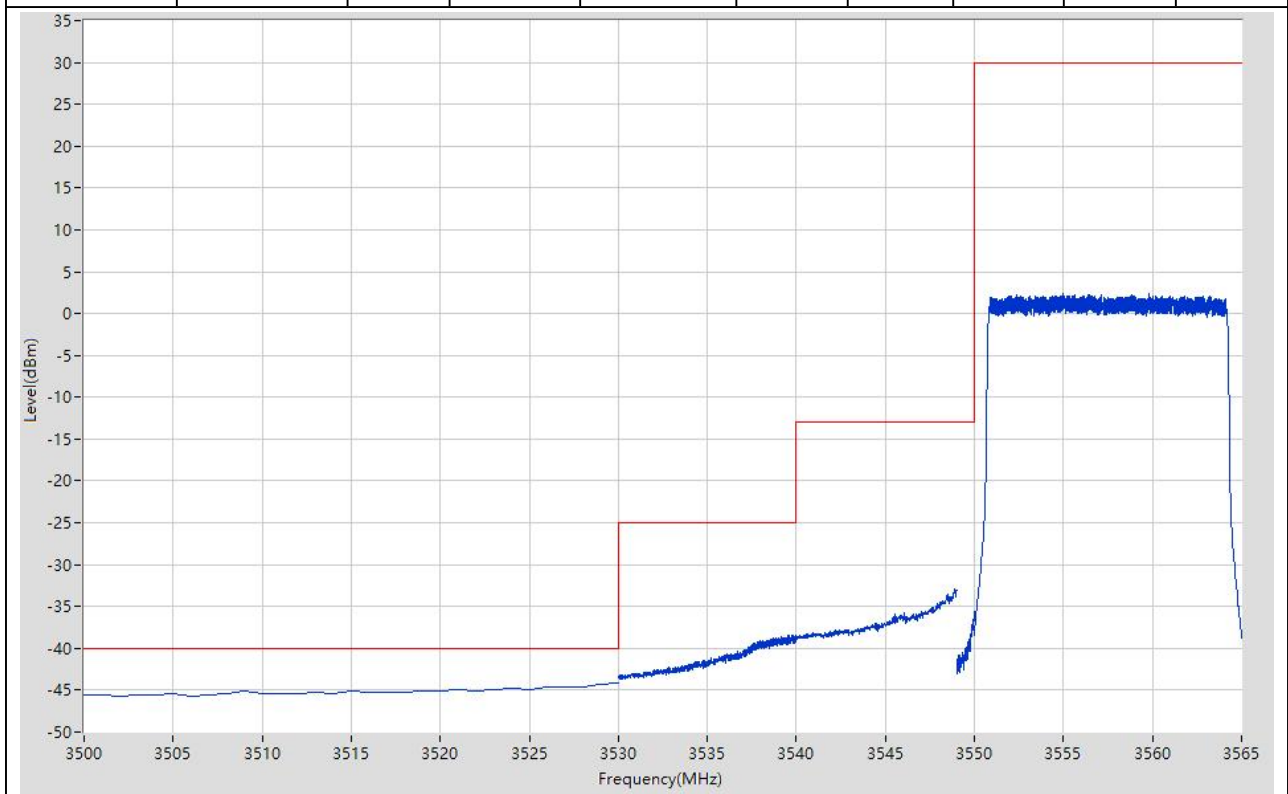
### 1.19 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:55315, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.85         | -42.8       | -40         | 2.8         | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.95         | -39.88      | -25         | 14.88       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -23.63      | -13         | 10.63       | Pass    | 401         |
| 3549                  | 3550                 | 0.01      | RMS      | 3549.993        | -38.71      | -13         | 25.71       | Pass    | 401         |
| 3550                  | 3565                 | 0.1       | RMS      | 3550.825        | 21.53       | 30          | 8.47        | Pass    | 401         |



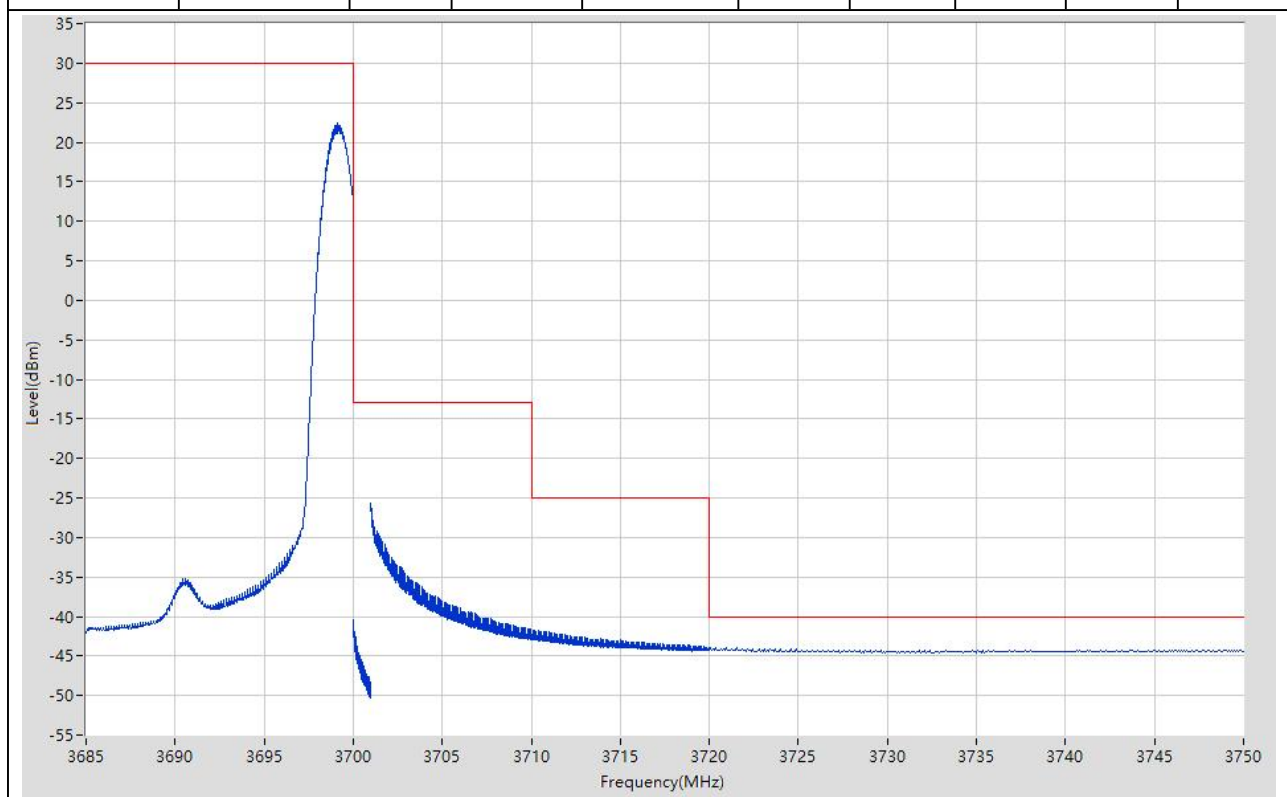
## 1.20 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:55315, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -44.17      | -40         | 4.17        | Pass    | 31          |
| 3530                  | 3540                 | 1         | RMS      | 3539.825        | -38.37      | -25         | 13.37       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.888        | -32.95      | -13         | 19.95       | Pass    | 401         |
| 3549                  | 3550                 | 0.15      | RMS      | 3549.998        | -35.58      | -13         | 22.58       | Pass    | 401         |
| 3550                  | 3565                 | 0.1       | RMS      | 3554.988        | 2.36        | 30          | 27.64       | Pass    | 401         |



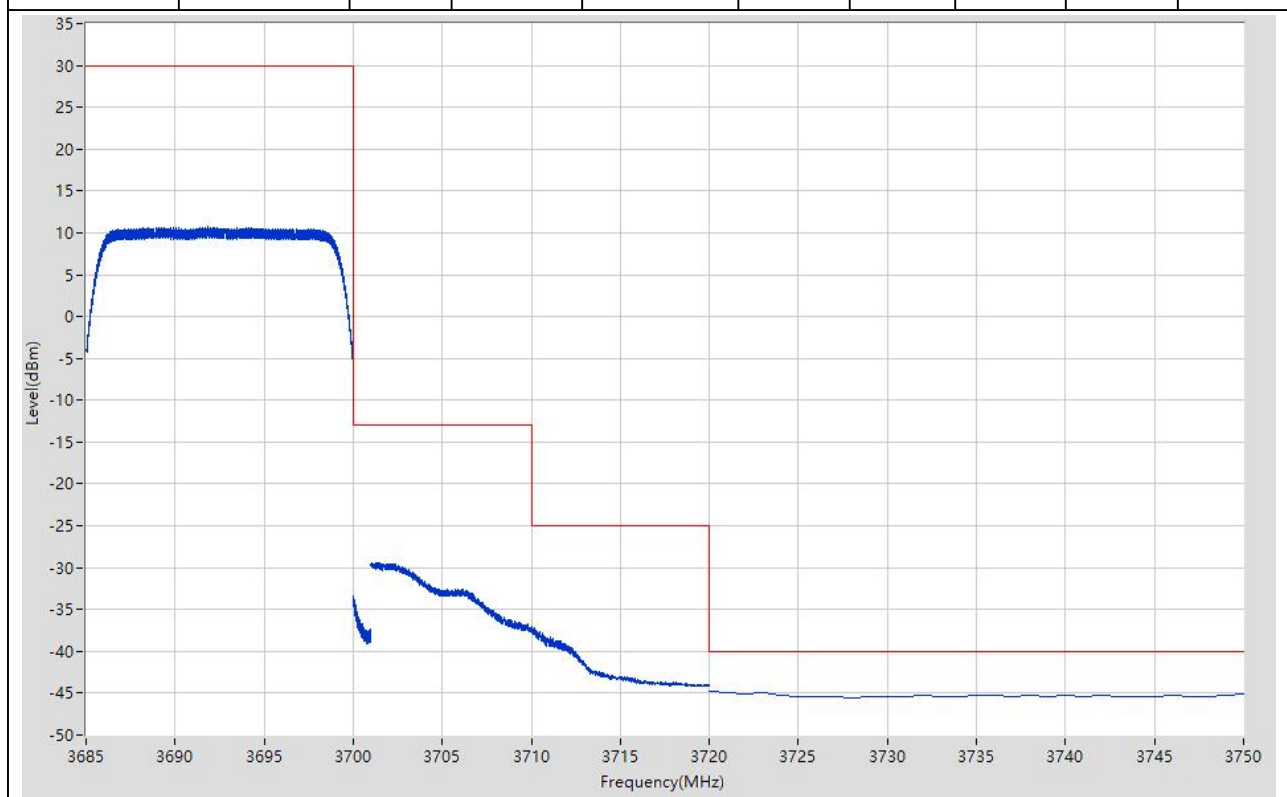
### 1.21 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:56665, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3685                  | 3700                 | 1         | RMS      | 3699.138        | 22.43       | 30          | 7.57        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700.003        | -40.41      | -13         | 27.41       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -25.65      | -13         | 12.65       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.075        | -41.71      | -25         | 16.71       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.075        | -43.93      | -40         | 3.93        | Pass    | 401         |



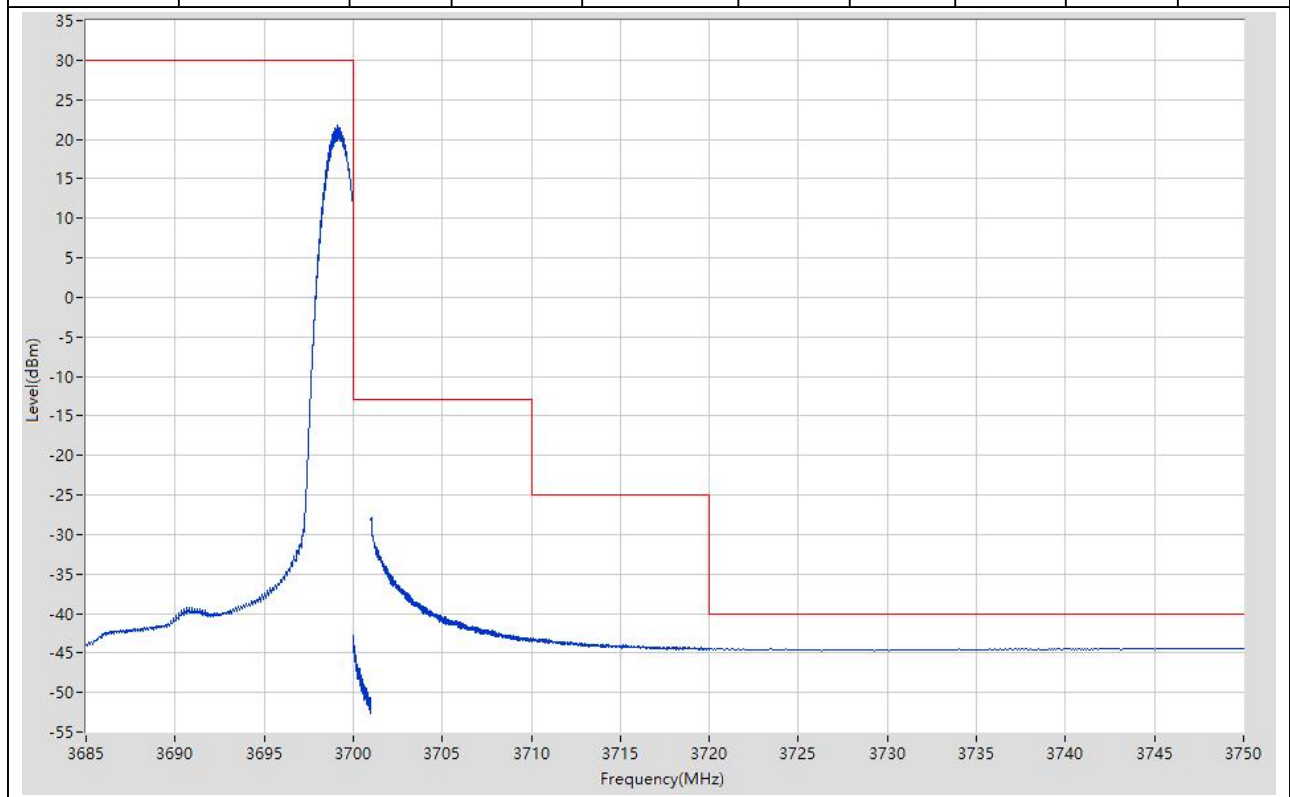
**1.22 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:56665, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3685                  | 3700                 | 1         | RMS      | 3691.825        | 10.71       | 30          | 19.29       | Pass    | 401         |
| 3700                  | 3701                 | 0.15      | RMS      | 3700.003        | -33.3       | -13         | 20.3        | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.428        | -29.38      | -13         | 16.38       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.05         | -36.99      | -25         | 11.99       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720            | -44.83      | -40         | 4.83        | Pass    | 31          |



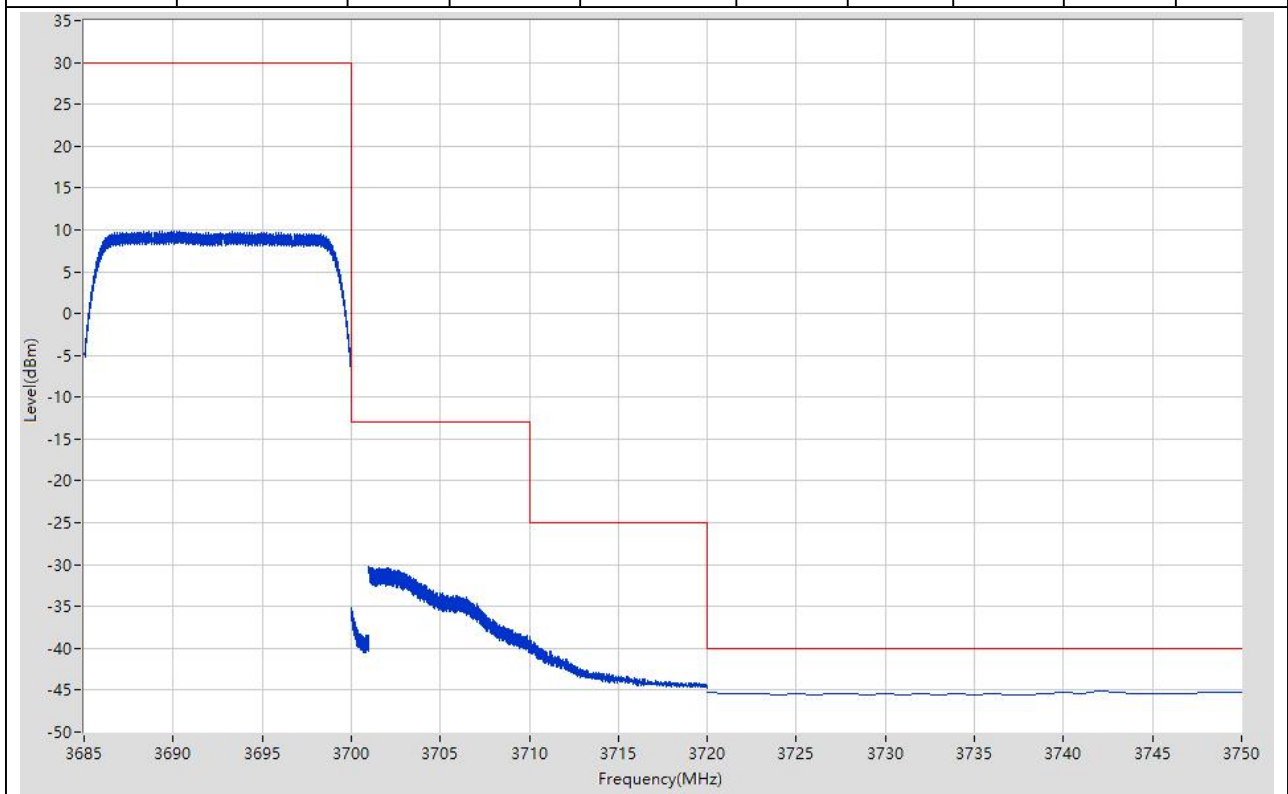
### 1.23 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:56665, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3685                  | 3700                 | 1         | RMS      | 3699.138        | 21.73       | 30          | 8.27        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700.008        | -42.73      | -13         | 29.73       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -27.83      | -13         | 14.83       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.075        | -43.12      | -25         | 18.12       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3747.75         | -44.37      | -40         | 4.37        | Pass    | 401         |



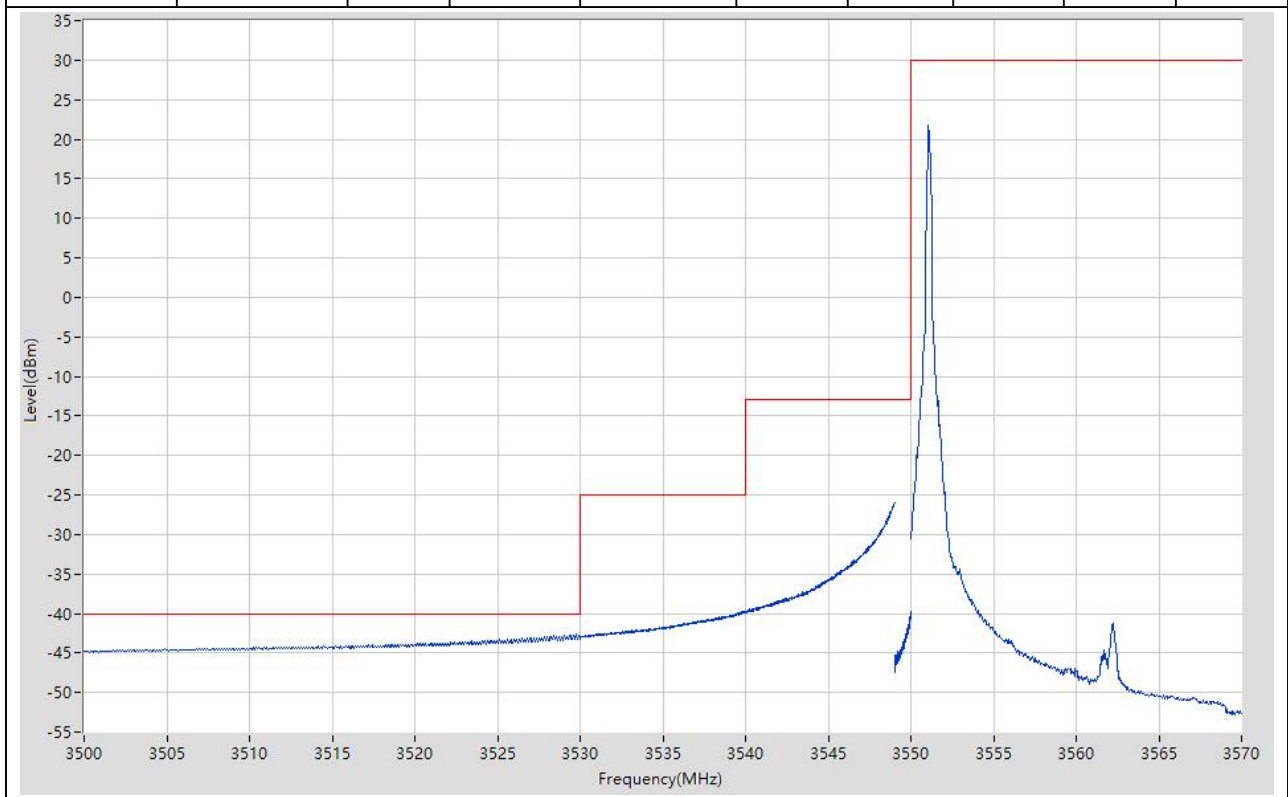
**1.24 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:56665, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3685                  | 3700                 | 1         | RMS      | 3690.325        | 9.89        | 30          | 20.11       | Pass    | 401         |
| 3700                  | 3701                 | 0.15      | RMS      | 3700.003        | -35.18      | -13         | 22.18       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -30.15      | -13         | 17.15       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.025        | -38.97      | -25         | 13.97       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3742            | -45.13      | -40         | 5.13        | Pass    | 31          |



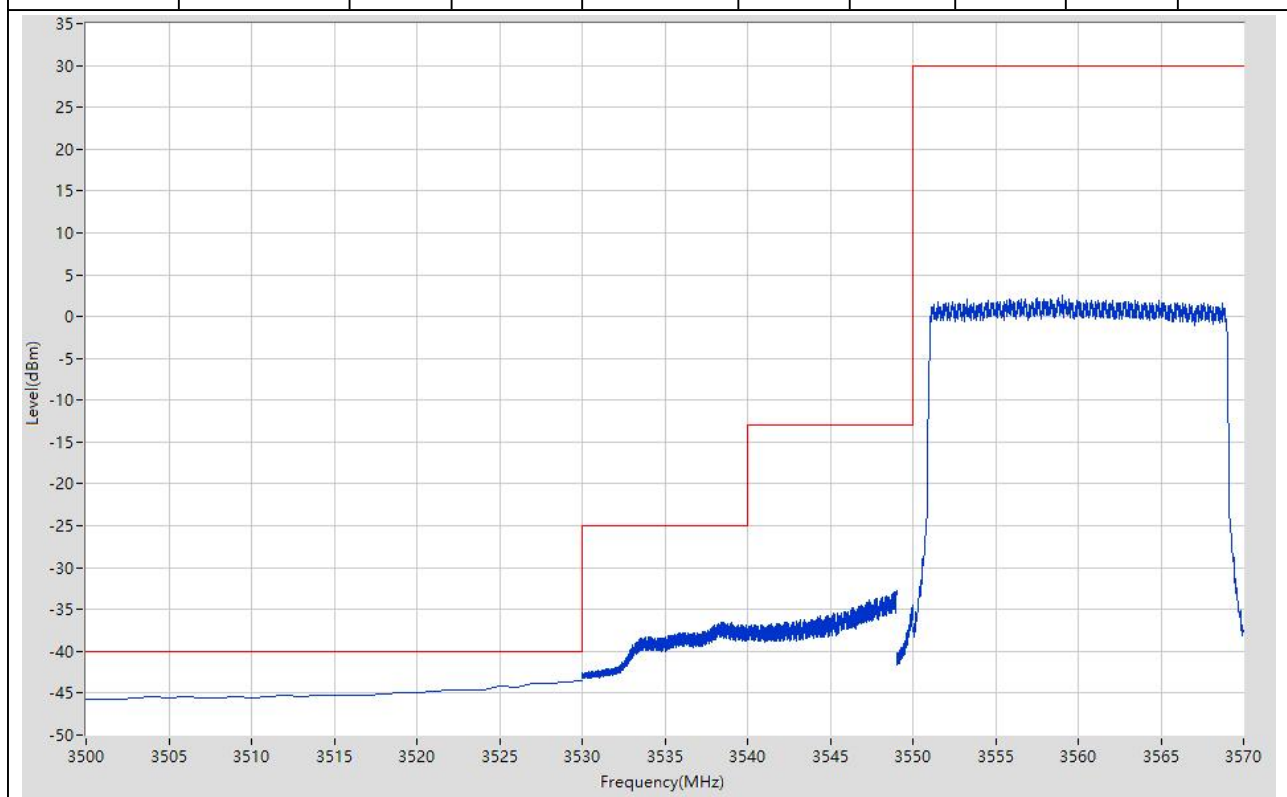
**1.25 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.775        | -42.68      | -40         | 2.68        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.95         | -39.69      | -25         | 14.69       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -25.95      | -13         | 12.95       | Pass    | 401         |
| 3549                  | 3550                 | 0.01      | RMS      | 3550            | -39.81      | -13         | 26.81       | Pass    | 401         |
| 3550                  | 3570                 | 0.1       | RMS      | 3551.05         | 21.78       | 30          | 8.22        | Pass    | 401         |



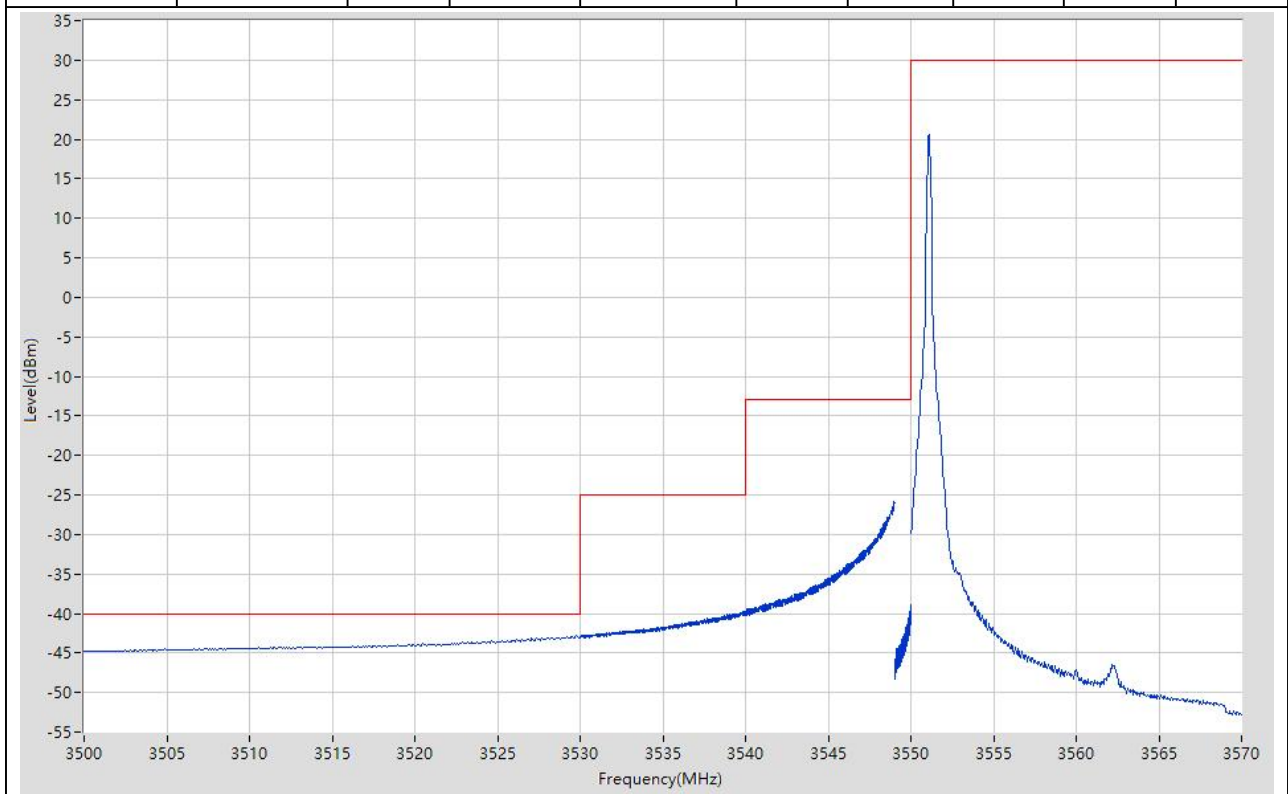
### 1.26 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -43.53      | -40         | 3.53        | Pass    | 31          |
| 3530                  | 3540                 | 1         | RMS      | 3538.575        | -36.52      | -25         | 11.52       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -32.74      | -13         | 19.74       | Pass    | 401         |
| 3549                  | 3550                 | 0.2       | RMS      | 3549.978        | -34.5       | -13         | 21.5        | Pass    | 401         |
| 3550                  | 3570                 | 0.1       | RMS      | 3559            | 2.51        | 30          | 27.49       | Pass    | 401         |



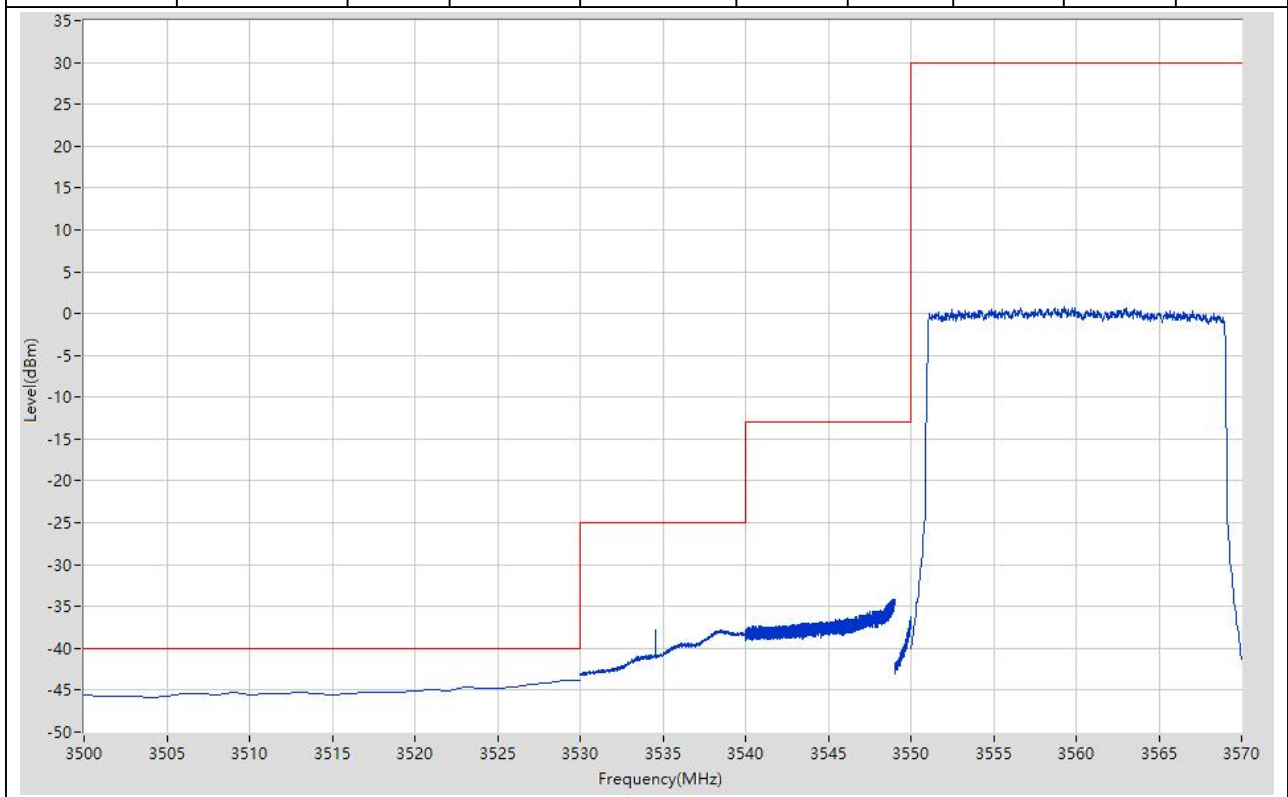
**1.27 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:55340, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.775        | -42.81      | -40         | 2.81        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.95         | -39.72      | -25         | 14.72       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.955        | -25.86      | -13         | 12.86       | Pass    | 401         |
| 3549                  | 3550                 | 0.01      | RMS      | 3549.995        | -38.93      | -13         | 25.93       | Pass    | 401         |
| 3550                  | 3570                 | 0.1       | RMS      | 3551.1          | 20.58       | 30          | 9.42        | Pass    | 401         |



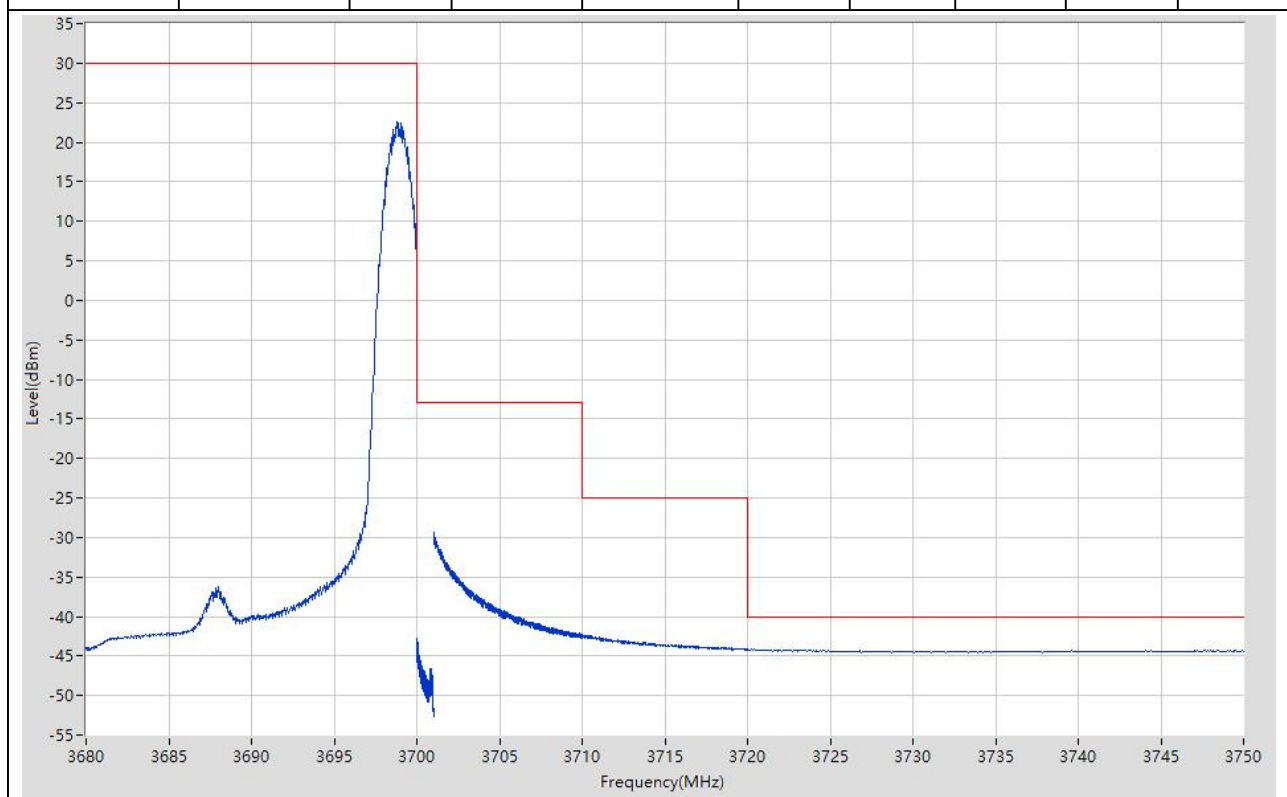
**1.28 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:55340, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -43.77      | -40         | 3.77        | Pass    | 31          |
| 3530                  | 3540                 | 1         | RMS      | 3538.55         | -37.79      | -25         | 12.79       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -34.12      | -13         | 21.12       | Pass    | 401         |
| 3549                  | 3550                 | 0.2       | RMS      | 3549.998        | -36.3       | -13         | 23.3        | Pass    | 401         |
| 3550                  | 3570                 | 0.1       | RMS      | 3559.25         | 0.73        | 30          | 29.27       | Pass    | 401         |



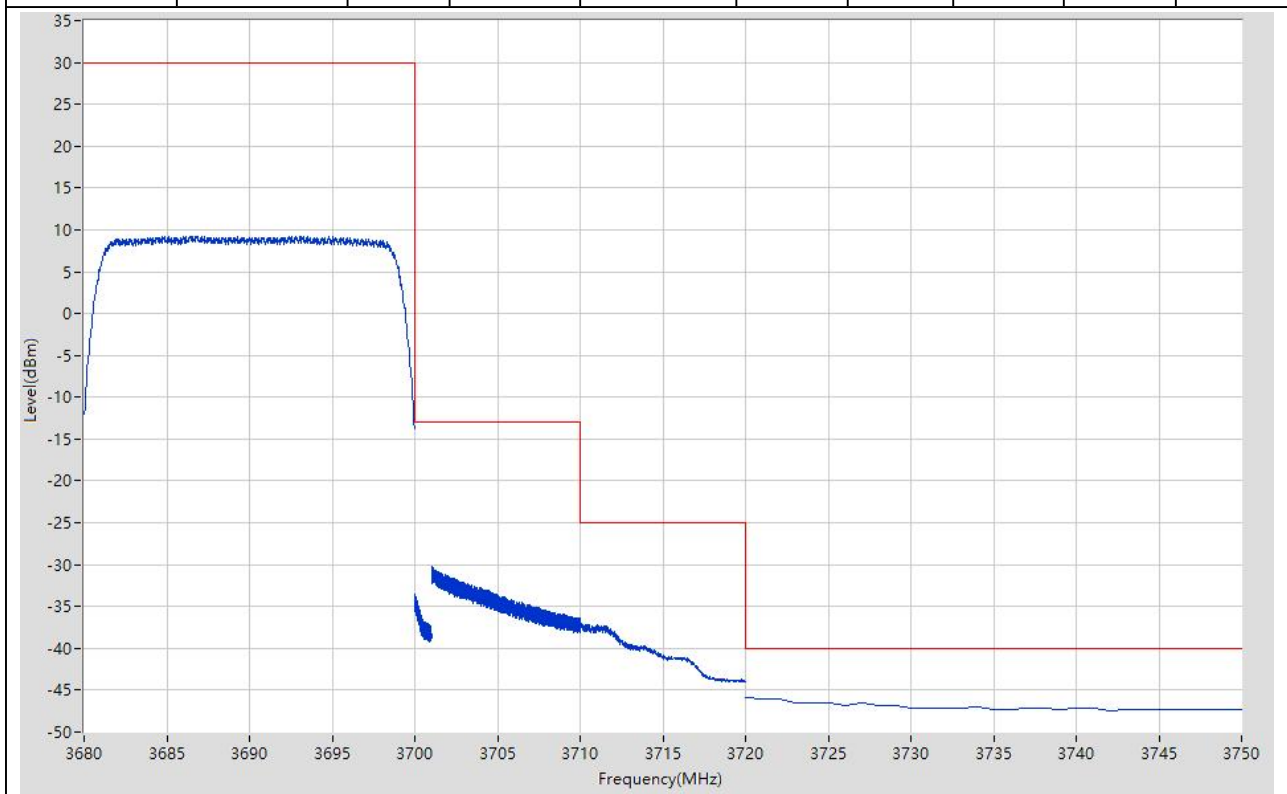
### 1.29 LTE Band Edge\_Part96(NTNV)(Subtest:1, Channel:56640, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3680                  | 3700                 | 1         | RMS      | 3698.8          | 22.52       | 30          | 7.48        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700.003        | -42.69      | -13         | 29.69       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -29.3       | -13         | 16.3        | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.05         | -42.41      | -25         | 17.41       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.225        | -44.12      | -40         | 4.12        | Pass    | 401         |



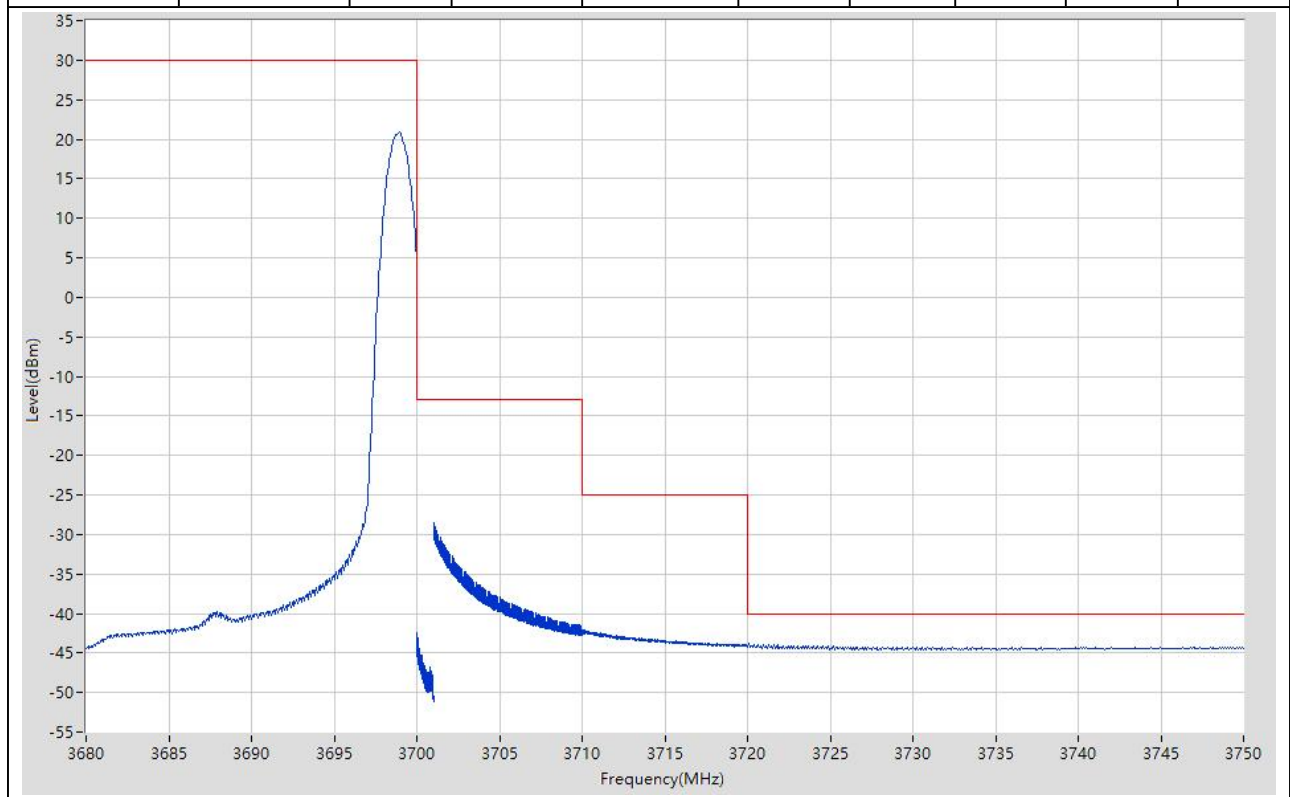
**1.30 LTE Band Edge\_Part96(NTNV)(Subtest:2, Channel:56640, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3680                  | 3700                 | 1         | RMS      | 3686.7          | 9.25        | 30          | 20.75       | Pass    | 401         |
| 3700                  | 3701                 | 0.2       | RMS      | 3700.008        | -33.5       | -13         | 20.5        | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -30.15      | -13         | 17.15       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.05         | -36.97      | -25         | 11.97       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720            | -45.9       | -40         | 5.9         | Pass    | 31          |



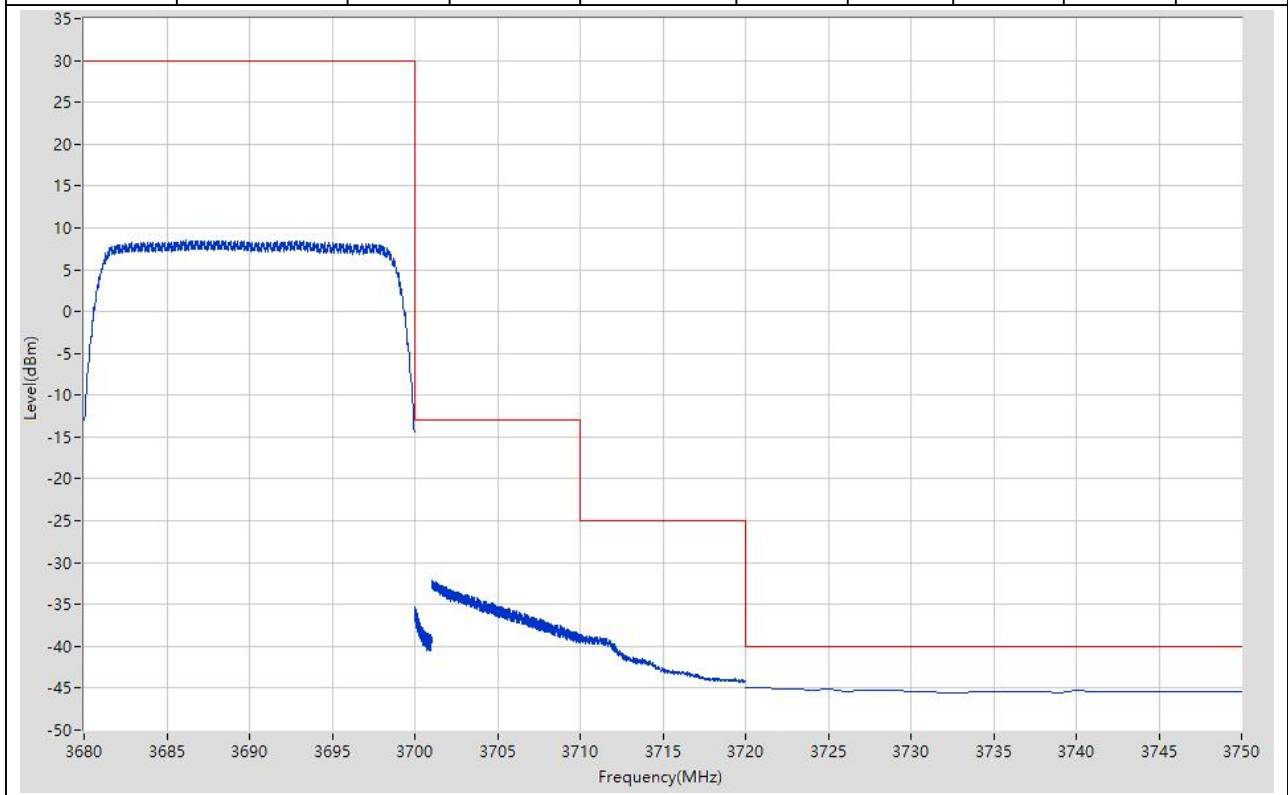
### 1.31 LTE Band Edge\_Part96(NTNV)(Subtest:3, Channel:56640, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3680                  | 3700                 | 1         | RMS      | 3698.95         | 20.88       | 30          | 9.12        | Pass    | 401         |
| 3700                  | 3701                 | 0.01      | RMS      | 3700.008        | -42.49      | -13         | 29.49       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.045        | -28.53      | -13         | 15.53       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.15         | -42.14      | -25         | 17.14       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.075        | -43.78      | -40         | 3.78        | Pass    | 401         |



**1.32 LTE Band Edge\_Part96(NTNV)(Subtest:4, Channel:56640, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)**

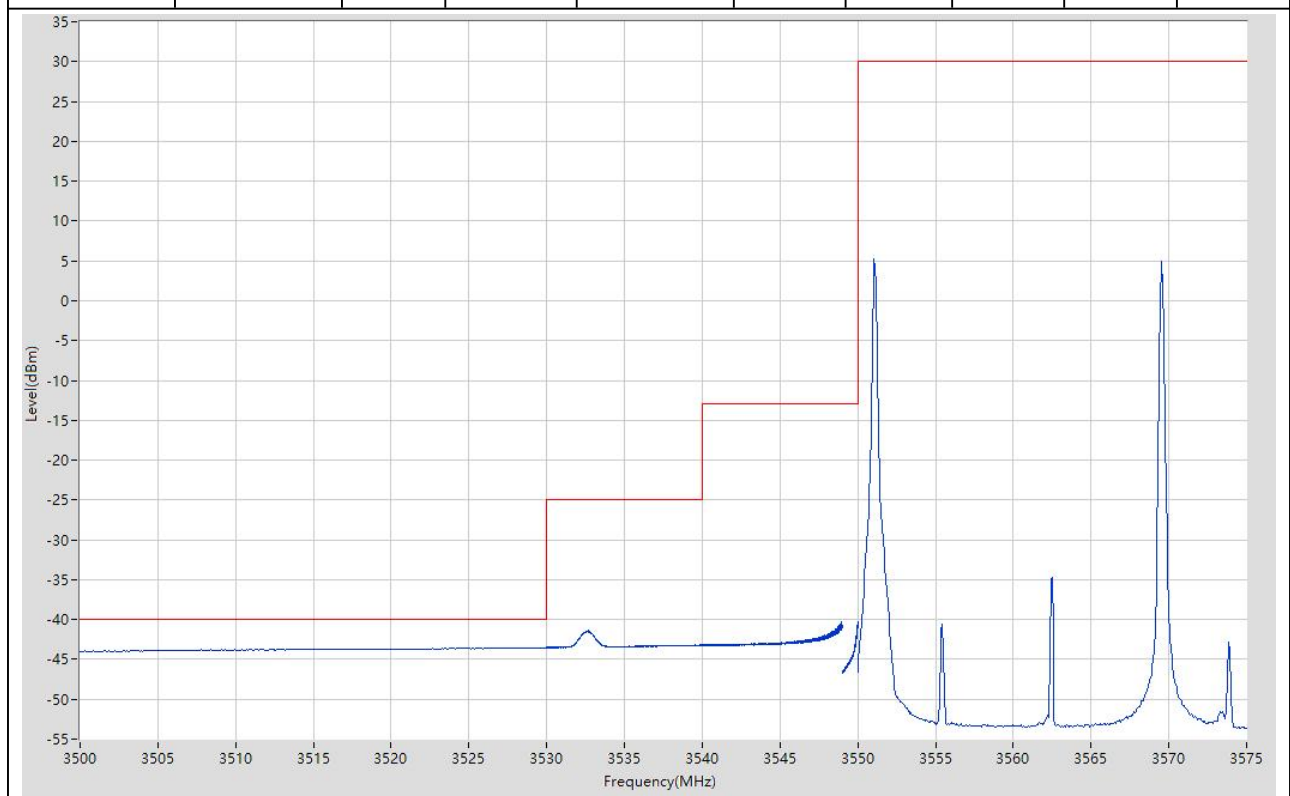
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3680                  | 3700                 | 1         | RMS      | 3686.2          | 8.51        | 30          | 21.49       | Pass    | 401         |
| 3700                  | 3701                 | 0.2       | RMS      | 3700.01         | -35.24      | -13         | 22.24       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -32.16      | -13         | 19.16       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.075        | -38.66      | -25         | 13.66       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3721            | -44.96      | -40         | 4.96        | Pass    | 31          |



## CA\_48C

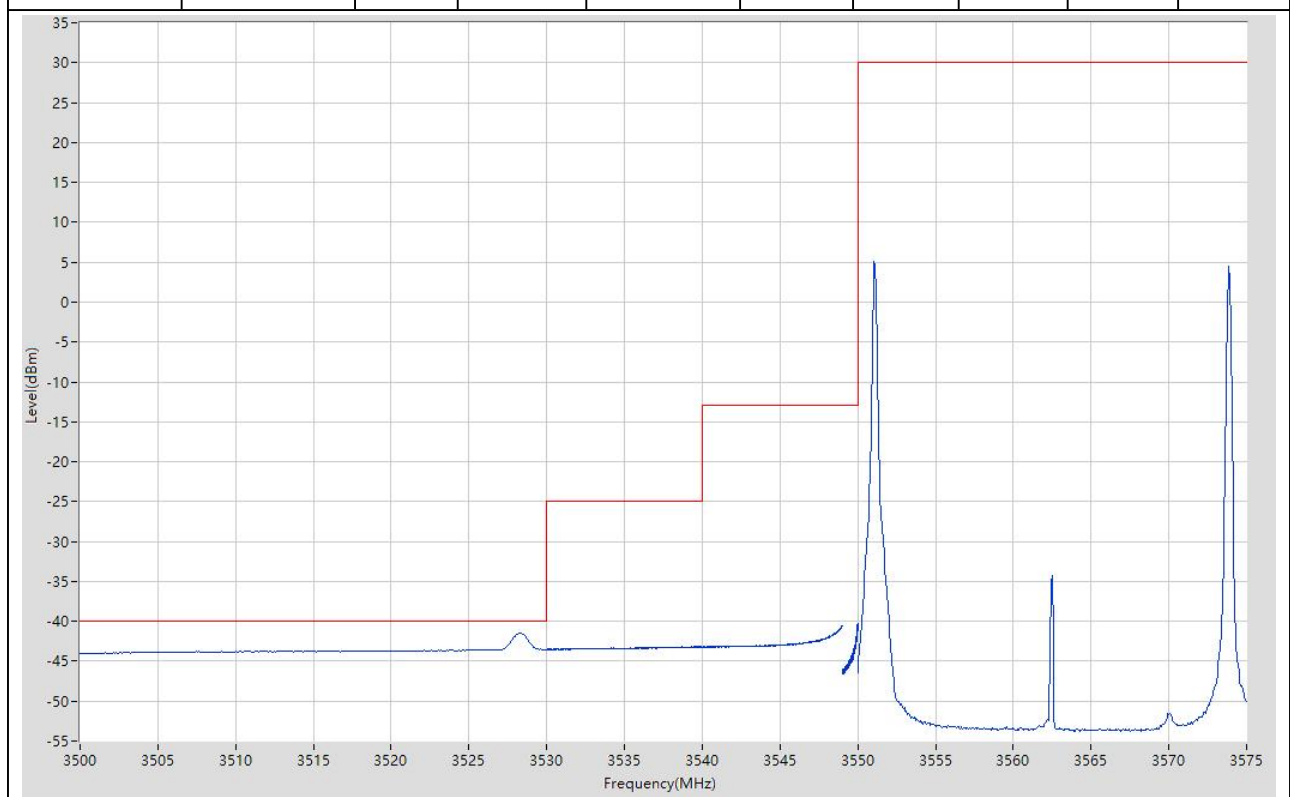
**1.1 LTE-A Band Edge\_Part96(NTNV)(Subtest:1, Channel:55340|55457, Bandwidth:20|5, Modulation:QPSK, RB Number:1|1, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -43.51      | -40         | 3.51        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3532.65         | -41.39      | -25         | 16.39       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.978        | -40.23      | -13         | 27.23       | Pass    | 401         |
| 3549                  | 3550                 | 0.3       | RMS      | 3550            | -40.24      | -13         | 27.24       | Pass    | 401         |
| 3550                  | 3575                 | 0.1       | RMS      | 3551.063        | 5.28        | 30          | 24.72       | Pass    | 401         |



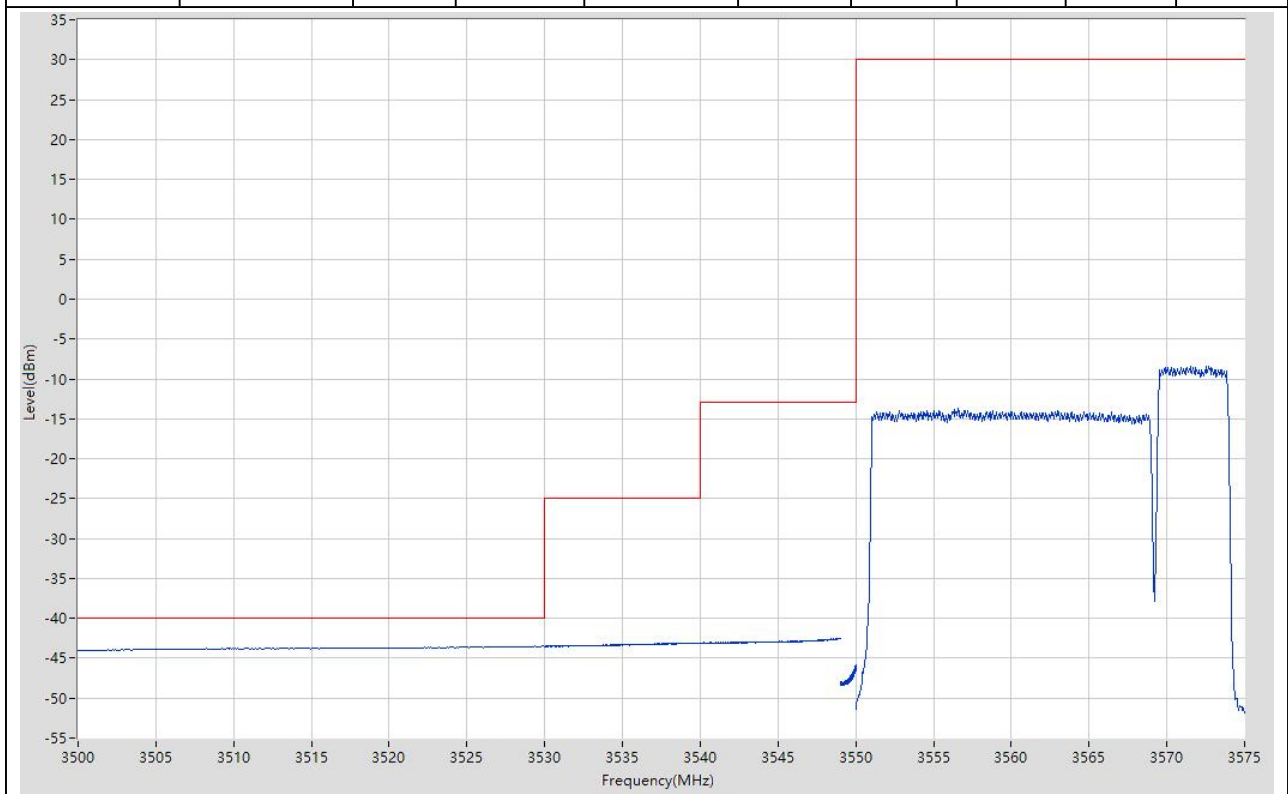
## 1.2 LTE-A Band Edge\_Part96(NTNV)(Subtest:2, Channel:55340|55457, Bandwidth:20|5, Modulation:QPSK, RB Number:1|1, RB Position:Low|High)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3528.275        | -41.41      | -40         | 1.41        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.925        | -43.17      | -25         | 18.17       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.978        | -40.59      | -13         | 27.59       | Pass    | 401         |
| 3549                  | 3550                 | 0.3       | RMS      | 3549.995        | -40.28      | -13         | 27.28       | Pass    | 401         |
| 3550                  | 3575                 | 0.1       | RMS      | 3551.063        | 5.06        | 30          | 24.94       | Pass    | 401         |



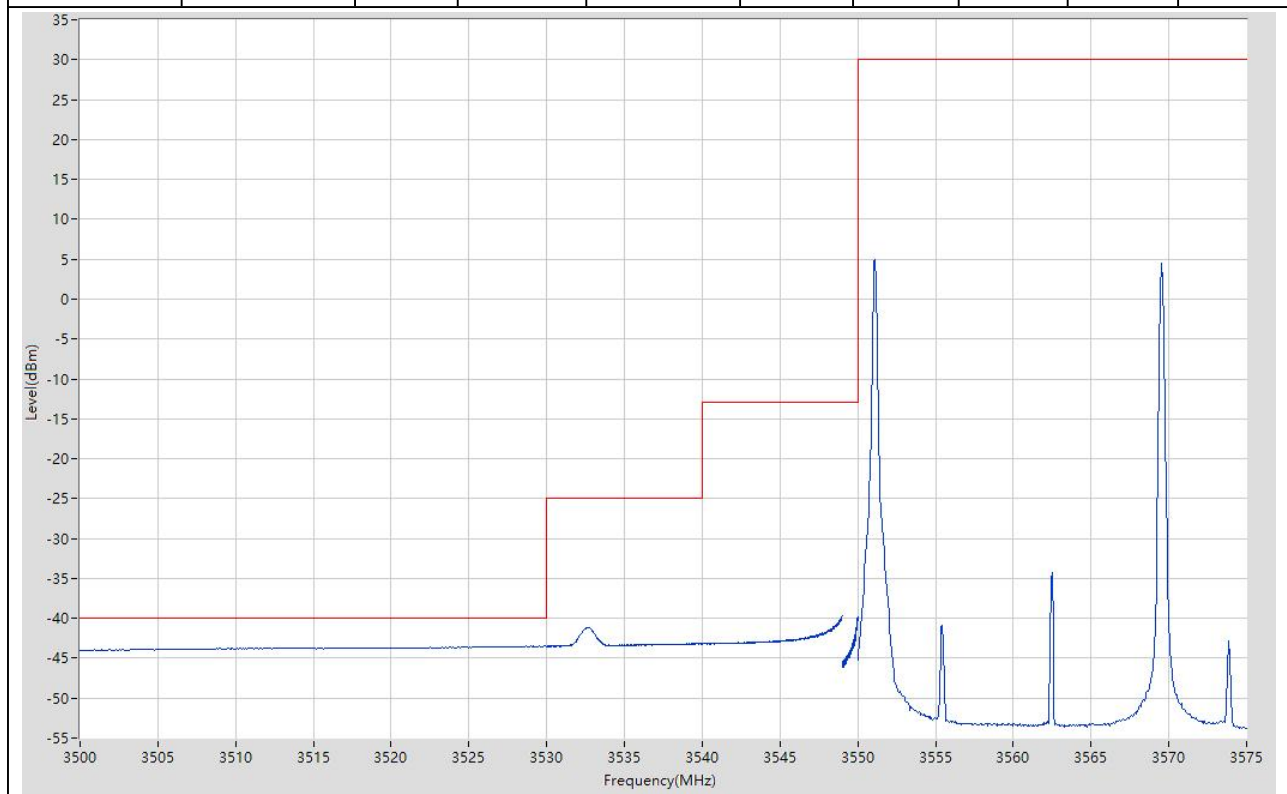
### 1.3 LTE-A Band Edge\_Part96(NTNV)(Subtest:3, Channel:55340|55457, Bandwidth:20|5, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.4          | -43.48      | -40         | 3.48        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.95         | -43.06      | -25         | 18.06       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.865        | -42.48      | -13         | 29.48       | Pass    | 401         |
| 3549                  | 3550                 | 0.3       | RMS      | 3549.998        | -45.88      | -13         | 32.88       | Pass    | 401         |
| 3550                  | 3575                 | 0.1       | RMS      | 3572.563        | -8.36       | 30          | 38.36       | Pass    | 401         |



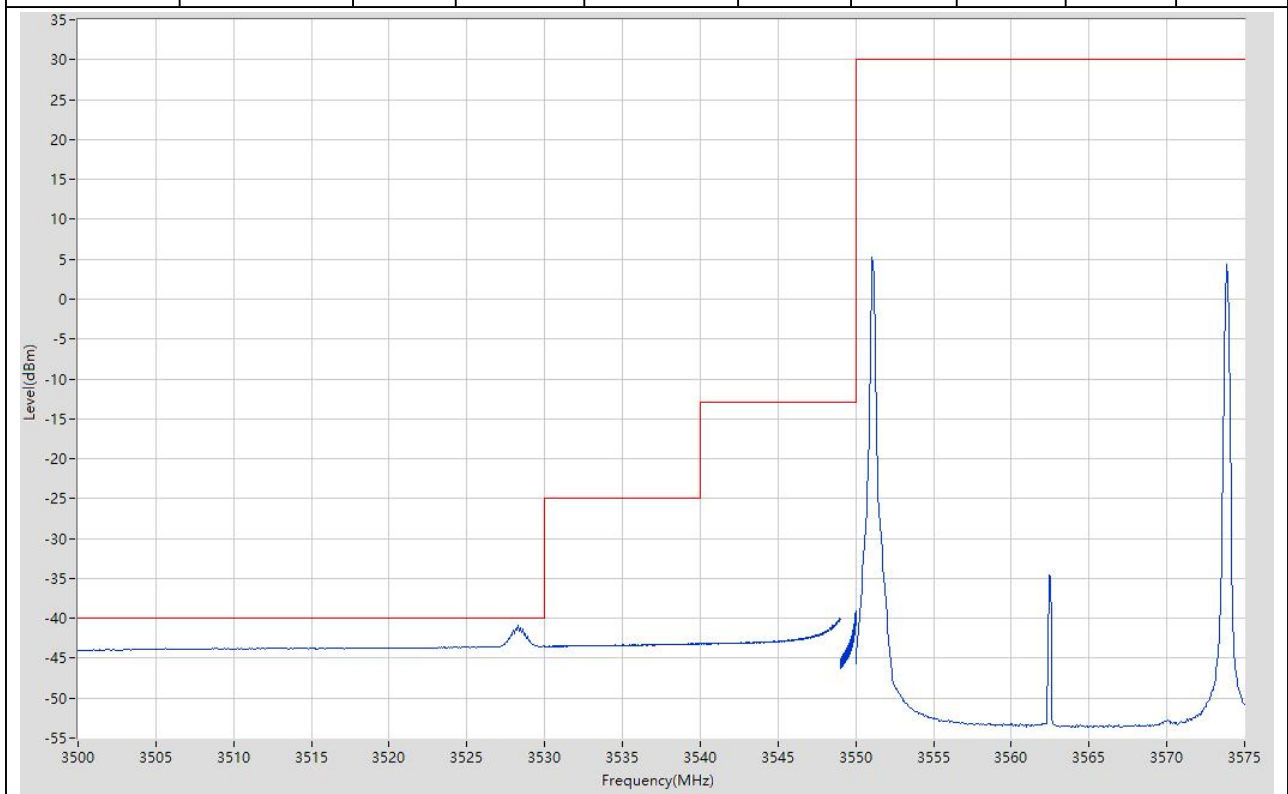
**1.4 LTE-A Band Edge\_Part96(NTNV)(Subtest:4, Channel:55340|55457, Bandwidth:20|5, Modulation:16QAM, RB Number:1|1, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.55         | -43.47      | -40         | 3.47        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3532.675        | -41.13      | -25         | 16.13       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -39.7       | -13         | 26.7        | Pass    | 401         |
| 3549                  | 3550                 | 0.3       | RMS      | 3549.995        | -39.82      | -13         | 26.82       | Pass    | 401         |
| 3550                  | 3575                 | 0.1       | RMS      | 3551.125        | 4.93        | 30          | 25.07       | Pass    | 401         |



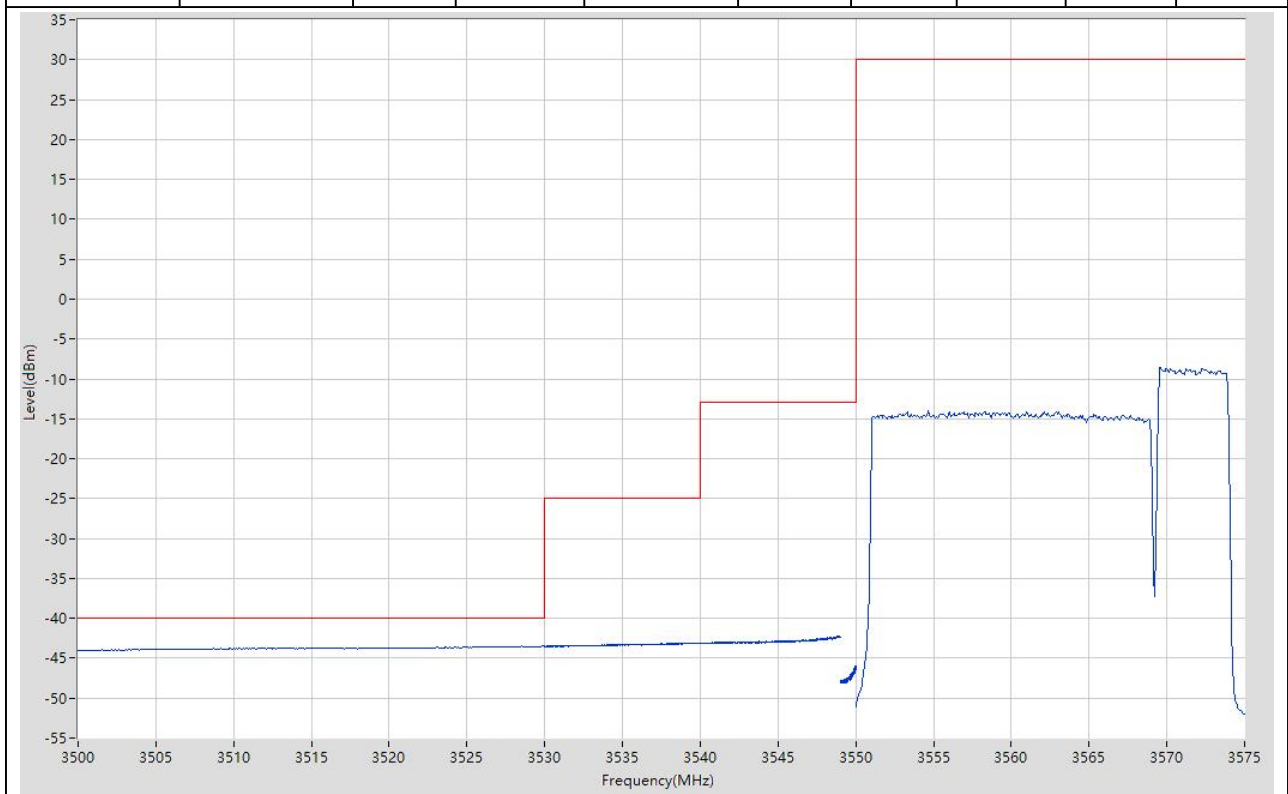
**1.5 LTE-A Band Edge\_Part96(NTNV)(Subtest:5, Channel:55340|55457,  
Bandwidth:20|5, Modulation:16QAM, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3528.275        | -40.91      | -40         | 0.91        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.825        | -43.17      | -25         | 18.17       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.955        | -40         | -13         | 27          | Pass    | 401         |
| 3549                  | 3550                 | 0.3       | RMS      | 3549.995        | -39.05      | -13         | 26.05       | Pass    | 401         |
| 3550                  | 3575                 | 0.1       | RMS      | 3551.063        | 5.18        | 30          | 24.82       | Pass    | 401         |



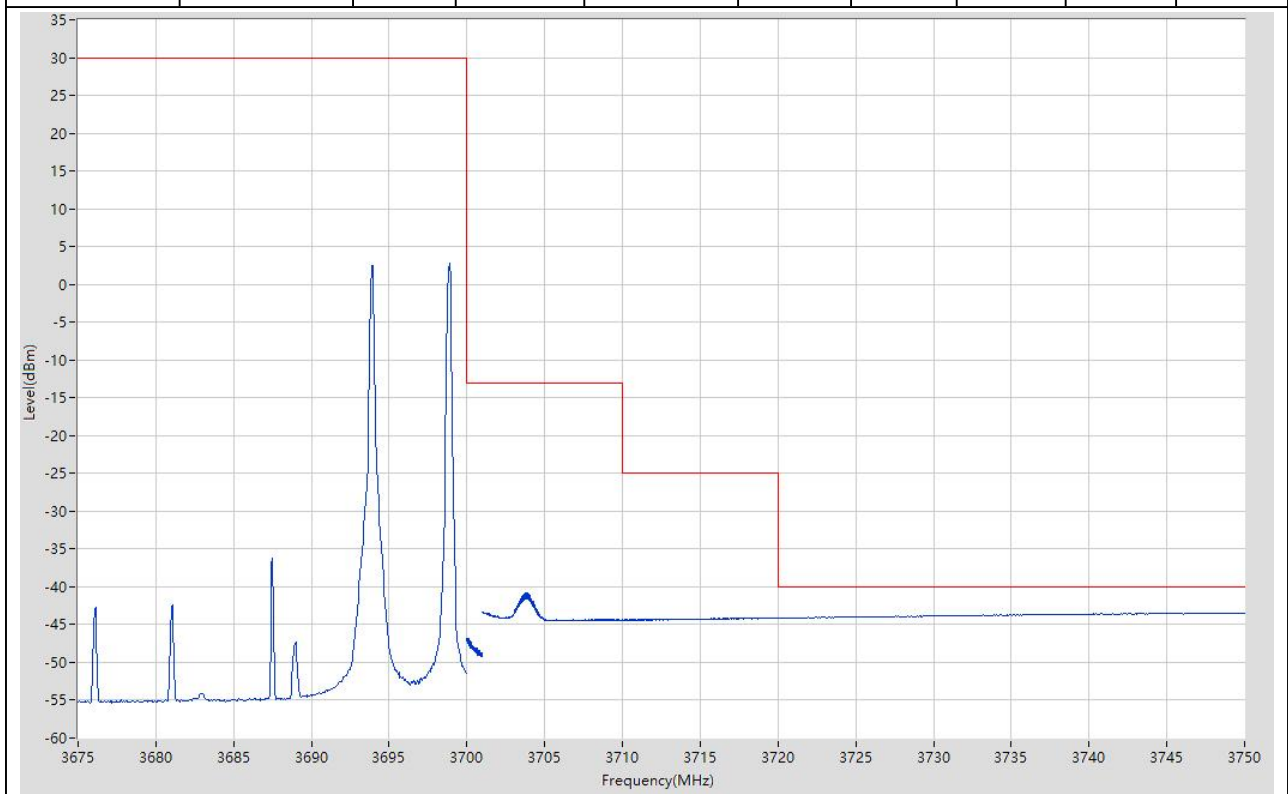
**1.6 LTE-A Band Edge\_Part96(NTNV)(Subtest:6, Channel:55340|55457, Bandwidth:20|5, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3528.5          | -43.49      | -40         | 3.49        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.675        | -43.07      | -25         | 18.07       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.978        | -42.17      | -13         | 29.17       | Pass    | 401         |
| 3549                  | 3550                 | 0.3       | RMS      | 3549.98         | -45.96      | -13         | 32.96       | Pass    | 401         |
| 3550                  | 3575                 | 0.1       | RMS      | 3569.625        | -8.6        | 30          | 38.6        | Pass    | 401         |



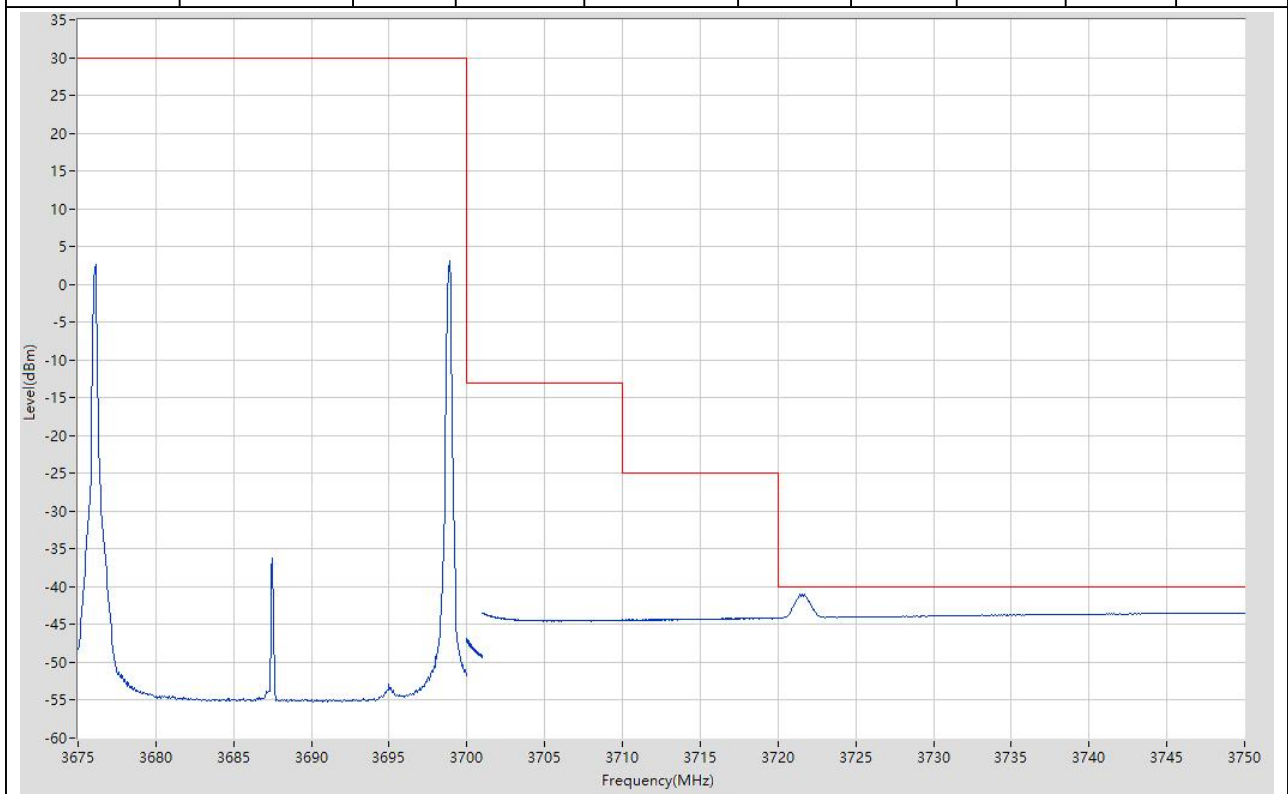
**1.7 LTE-A Band Edge\_Part96(NTNV)(Subtest:1, Channel:56590|56707, Bandwidth:20|5, Modulation:QPSK, RB Number:1|1, RB Position:High|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3675                  | 3700                 | 0.1       | RMS      | 3698.875        | 2.82        | 30          | 27.18       | Pass    | 401         |
| 3700                  | 3701                 | 0.3       | RMS      | 3700            | -46.81      | -13         | 33.81       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3703.768        | -40.8       | -13         | 27.8        | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3719.525        | -44.08      | -25         | 19.08       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3748.2          | -43.43      | -40         | 3.43        | Pass    | 401         |



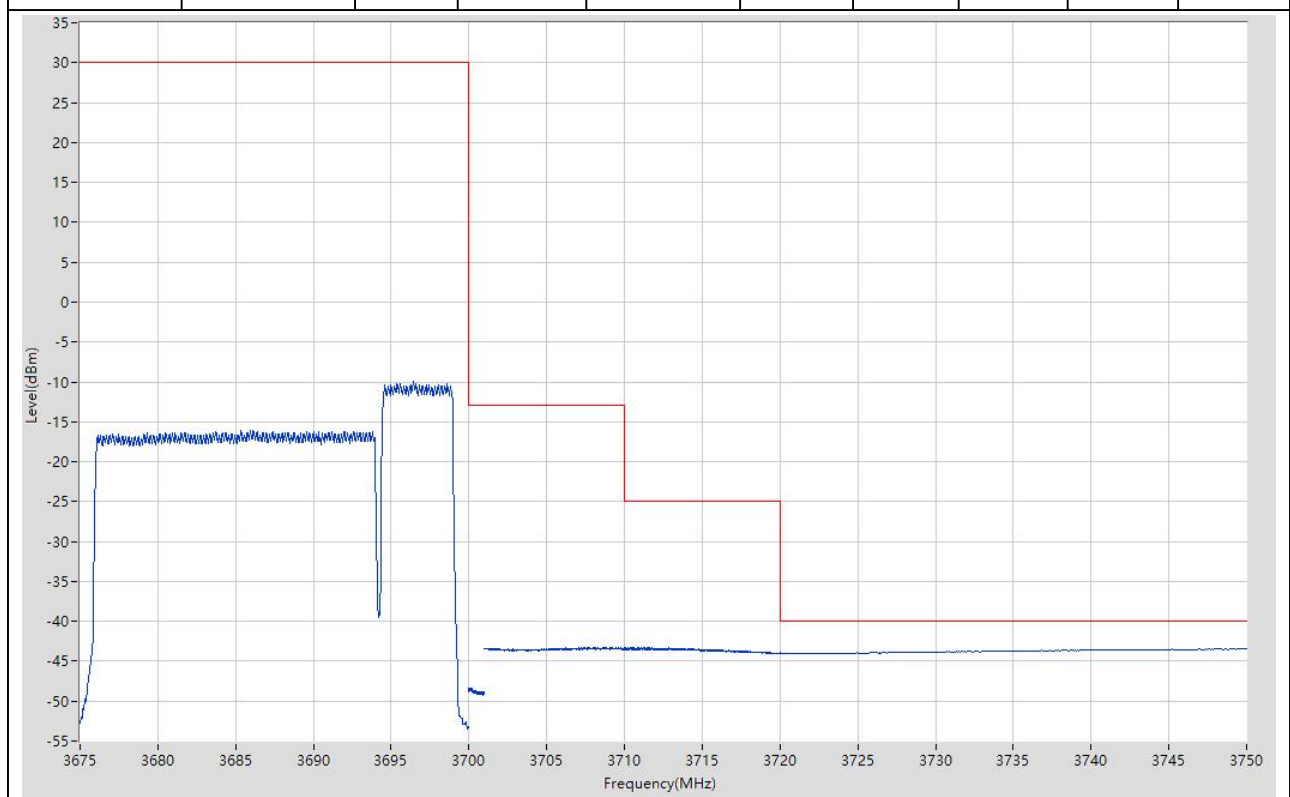
**1.8 LTE-A Band Edge\_Part96(NTNV)(Subtest:2, Channel:56590|56707, Bandwidth:20|5, Modulation:QPSK, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3675                  | 3700                 | 0.1       | RMS      | 3698.875        | 3.13        | 30          | 26.87       | Pass    | 401         |
| 3700                  | 3701                 | 0.3       | RMS      | 3700.003        | -46.84      | -13         | 33.84       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -43.44      | -13         | 30.44       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3719.325        | -44.1       | -25         | 19.1        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3721.425        | -40.99      | -40         | 0.99        | Pass*   | 401         |



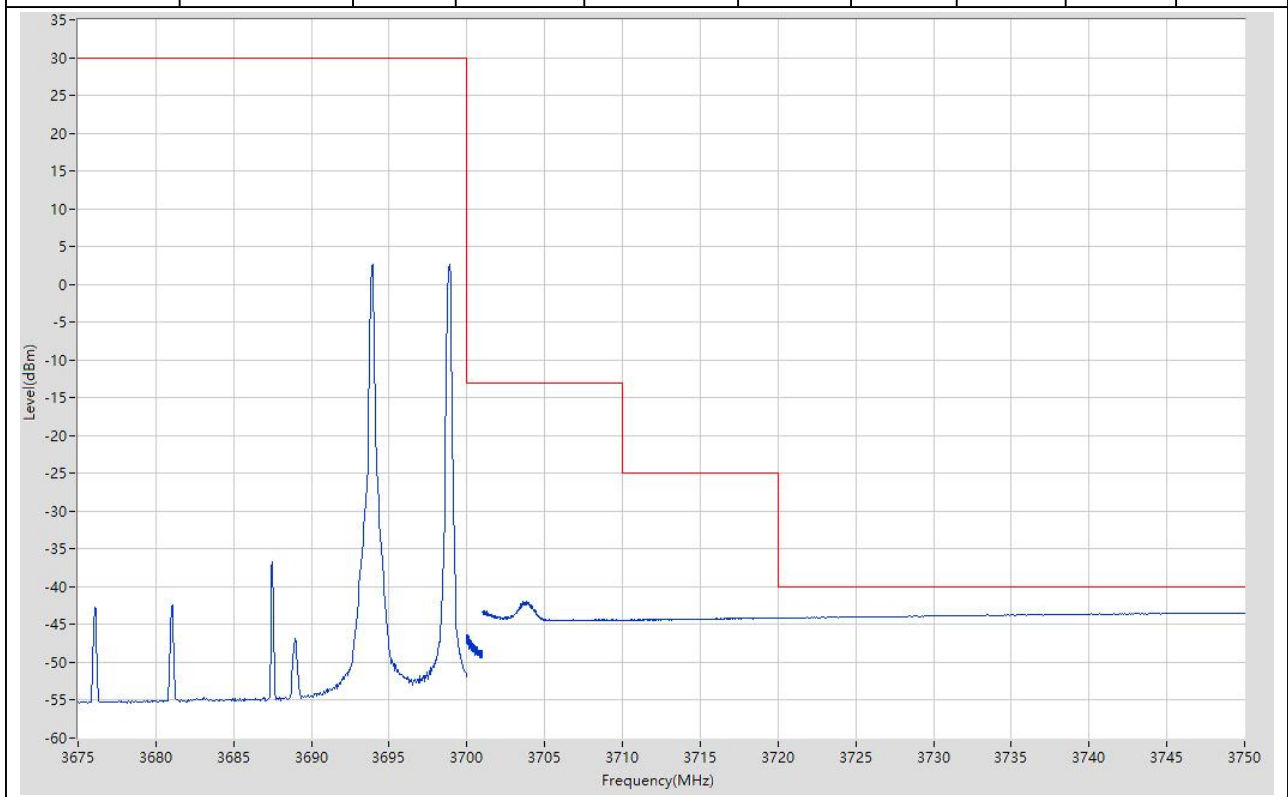
**1.9 LTE-A Band Edge\_Part96(NTNV)(Subtest:3, Channel:56590|56707, Bandwidth:20|5, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3675                  | 3700                 | 0.1       | RMS      | 3696.438        | -9.93       | 30          | 39.93       | Pass    | 401         |
| 3700                  | 3701                 | 0.3       | RMS      | 3700.008        | -48.35      | -13         | 35.35       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3707.773        | -43.27      | -13         | 30.27       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3711.75         | -43.31      | -25         | 18.31       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3750            | -43.43      | -40         | 3.43        | Pass    | 401         |



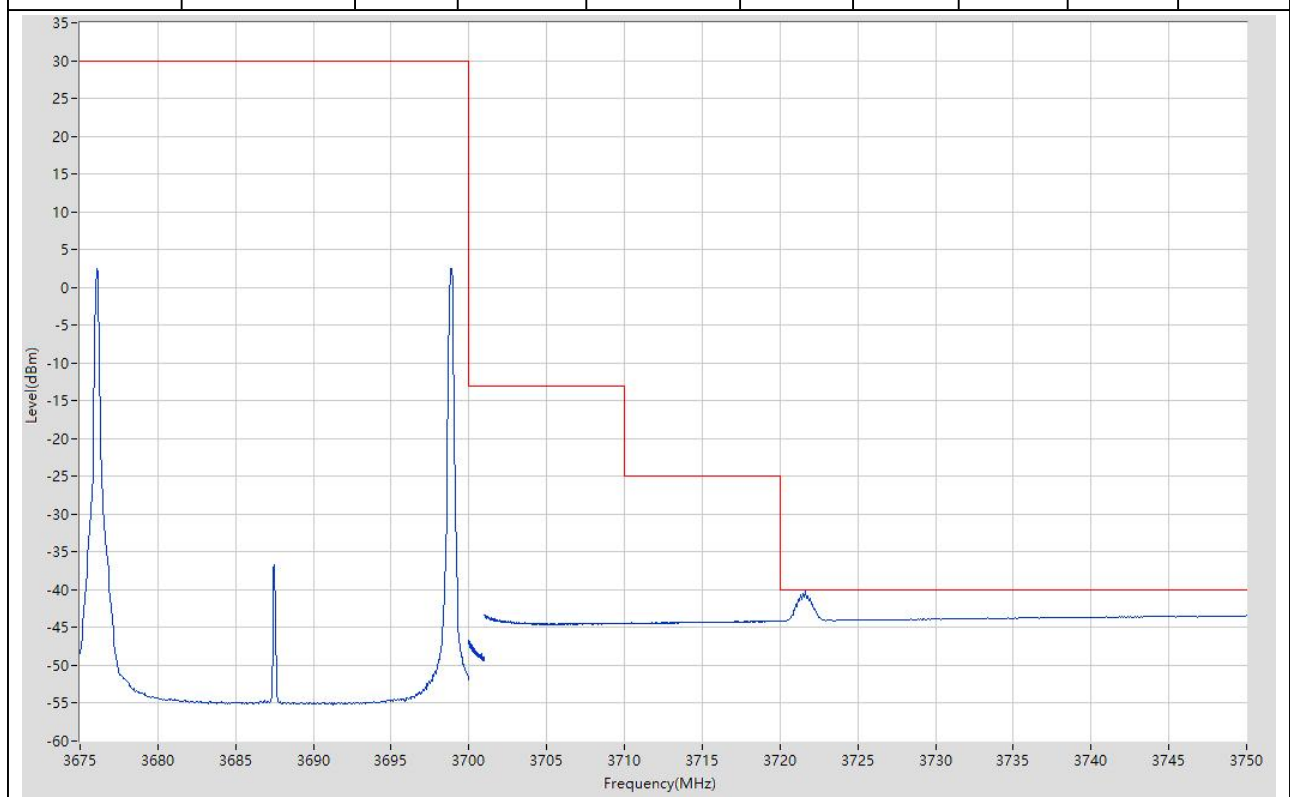
**1.10 LTE-A Band Edge\_Part96(NTNV)(Subtest:4, Channel:56590|56707, Bandwidth:20|5, Modulation:16QAM, RB Number:1|1, RB Position:High|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3675                  | 3700                 | 0.1       | RMS      | 3698.875        | 2.67        | 30          | 27.33       | Pass    | 401         |
| 3700                  | 3701                 | 0.3       | RMS      | 3700.023        | -46.33      | -13         | 33.33       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3703.835        | -41.89      | -13         | 28.89       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3719.6          | -44.1       | -25         | 19.1        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3749.025        | -43.45      | -40         | 3.45        | Pass    | 401         |



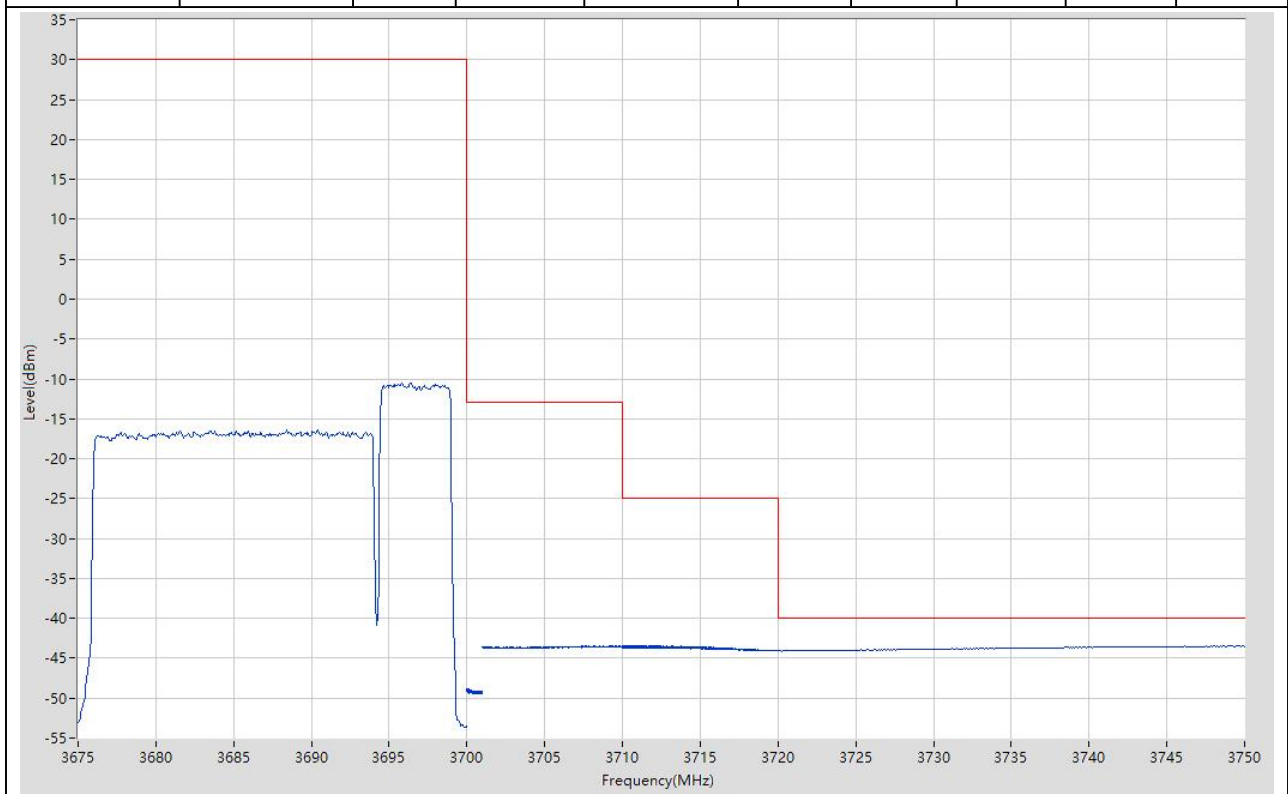
**1.11 LTE-A Band Edge\_Part96(NTNV)(Subtest:5, Channel:56590|56707, Bandwidth:20|5, Modulation:16QAM, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3675                  | 3700                 | 0.1       | RMS      | 3676.063        | 2.48        | 30          | 27.52       | Pass    | 401         |
| 3700                  | 3701                 | 0.3       | RMS      | 3700.003        | -46.71      | -13         | 33.71       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.045        | -43.35      | -13         | 30.35       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3719.825        | -44.12      | -25         | 19.12       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3721.65         | -40.25      | -40         | 0.25        | Pass*   | 401         |



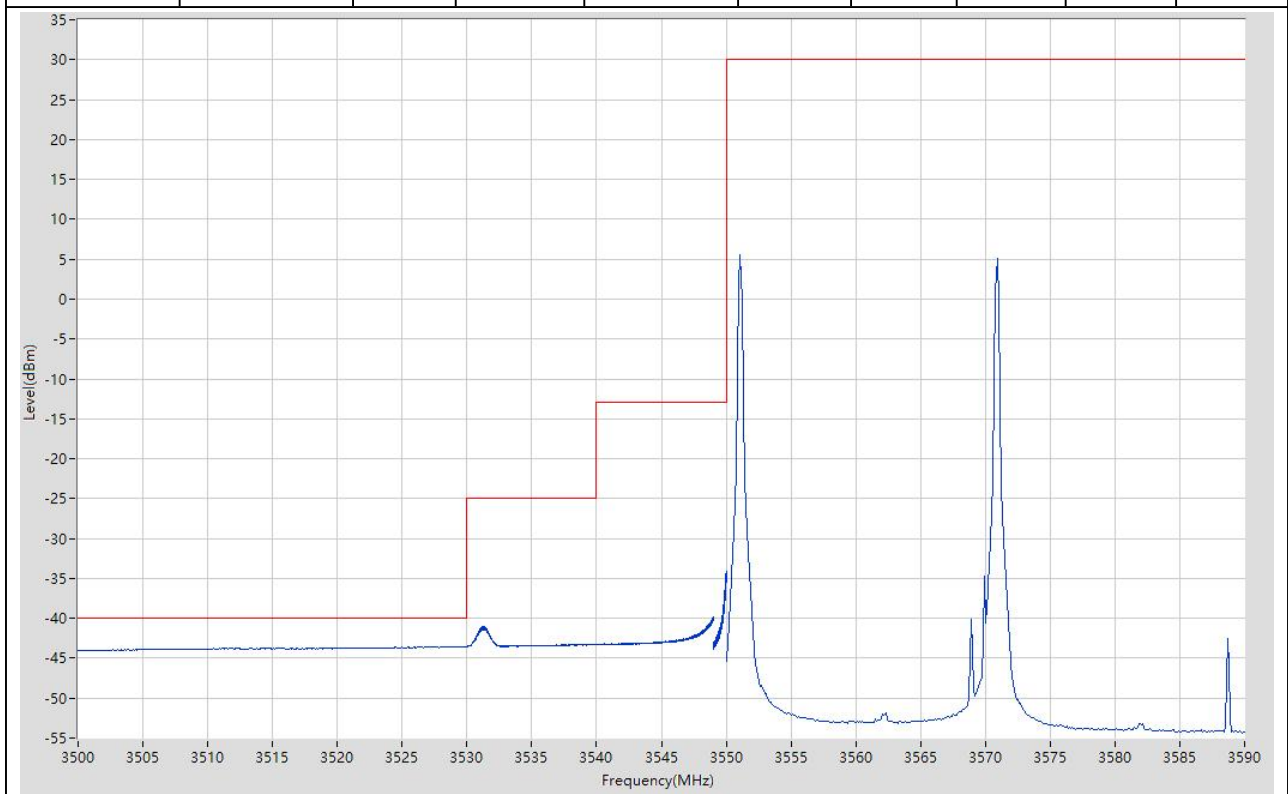
**1.12 LTE-A Band Edge\_Part96(NTNV)(Subtest:6, Channel:56590|56707, Bandwidth:20|5, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3675                  | 3700                 | 0.1       | RMS      | 3695.813        | -10.53      | 30          | 40.53       | Pass    | 401         |
| 3700                  | 3701                 | 0.3       | RMS      | 3700.003        | -48.88      | -13         | 35.88       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3709.235        | -43.46      | -13         | 30.46       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.375        | -43.4       | -25         | 18.4        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3749.85         | -43.45      | -40         | 3.45        | Pass    | 401         |



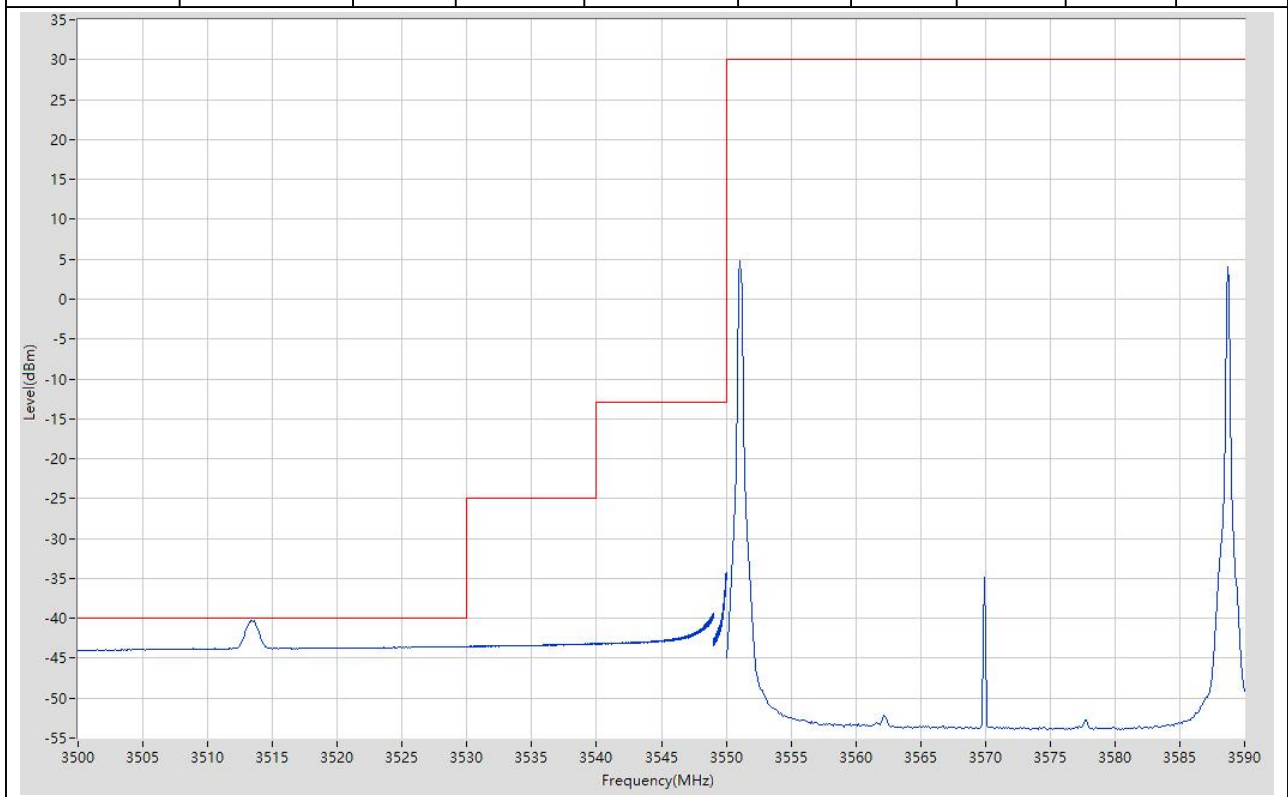
**1.13 LTE-A Band Edge\_Part96(NTNV)(Subtest:1, Channel:55340|55538, Bandwidth:20|20, Modulation:QPSK, RB Number:1|1, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.925        | -43.53      | -40         | 3.53        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3531.2          | -41.08      | -25         | 16.08       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.978        | -39.8       | -13         | 26.8        | Pass    | 401         |
| 3549                  | 3550                 | 0.51      | RMS      | 3550            | -34.13      | -13         | 21.13       | Pass    | 401         |
| 3550                  | 3590                 | 0.1       | RMS      | 3551.1          | 5.62        | 30          | 24.38       | Pass    | 401         |



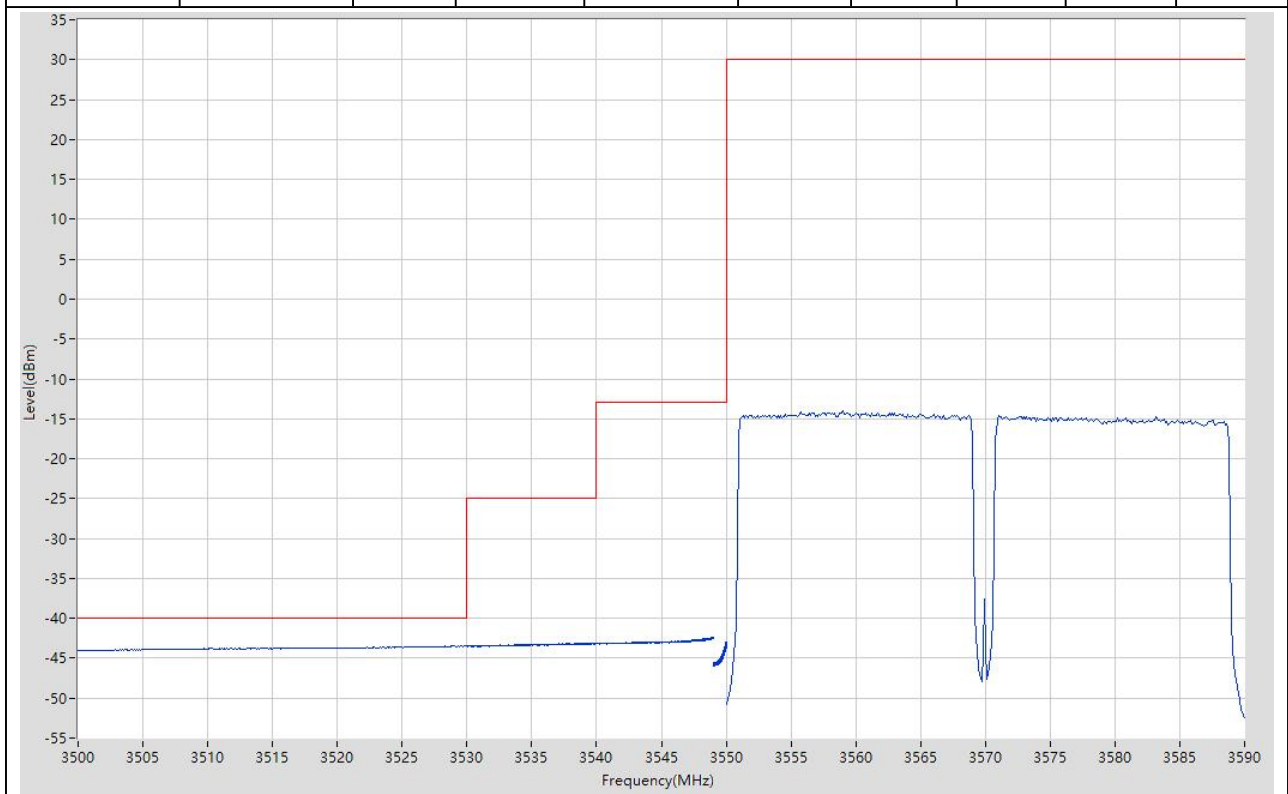
**1.14 LTE-A Band Edge\_Part96(NTNV)(Subtest:2, Channel:55340|55538, Bandwidth:20|20, Modulation:QPSK, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3513.575        | -40.22      | -40         | 0.22        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.925        | -43.15      | -25         | 18.15       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -39.31      | -13         | 26.31       | Pass    | 401         |
| 3549                  | 3550                 | 0.51      | RMS      | 3549.998        | -34.28      | -13         | 21.28       | Pass    | 401         |
| 3550                  | 3590                 | 0.1       | RMS      | 3551.1          | 4.76        | 30          | 25.24       | Pass    | 401         |



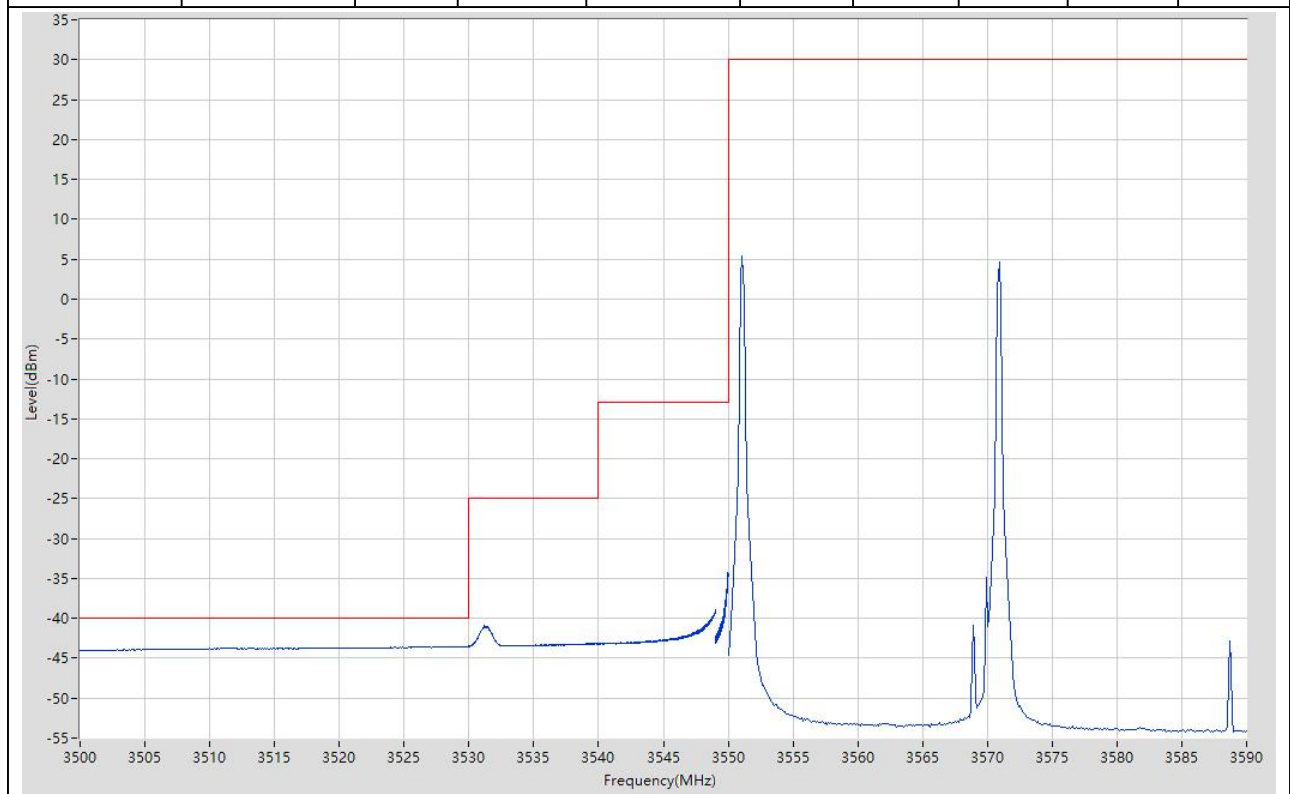
**1.15 LTE-A Band Edge\_Part96(NTNV)(Subtest:3, Channel:55340|55538, Bandwidth:20|20, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3529.925        | -43.46      | -40         | 3.46        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.975        | -43.11      | -25         | 18.11       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.933        | -42.34      | -13         | 29.34       | Pass    | 401         |
| 3549                  | 3550                 | 0.51      | RMS      | 3549.985        | -42.99      | -13         | 29.99       | Pass    | 401         |
| 3550                  | 3590                 | 0.1       | RMS      | 3559            | -14         | 30          | 44          | Pass    | 401         |



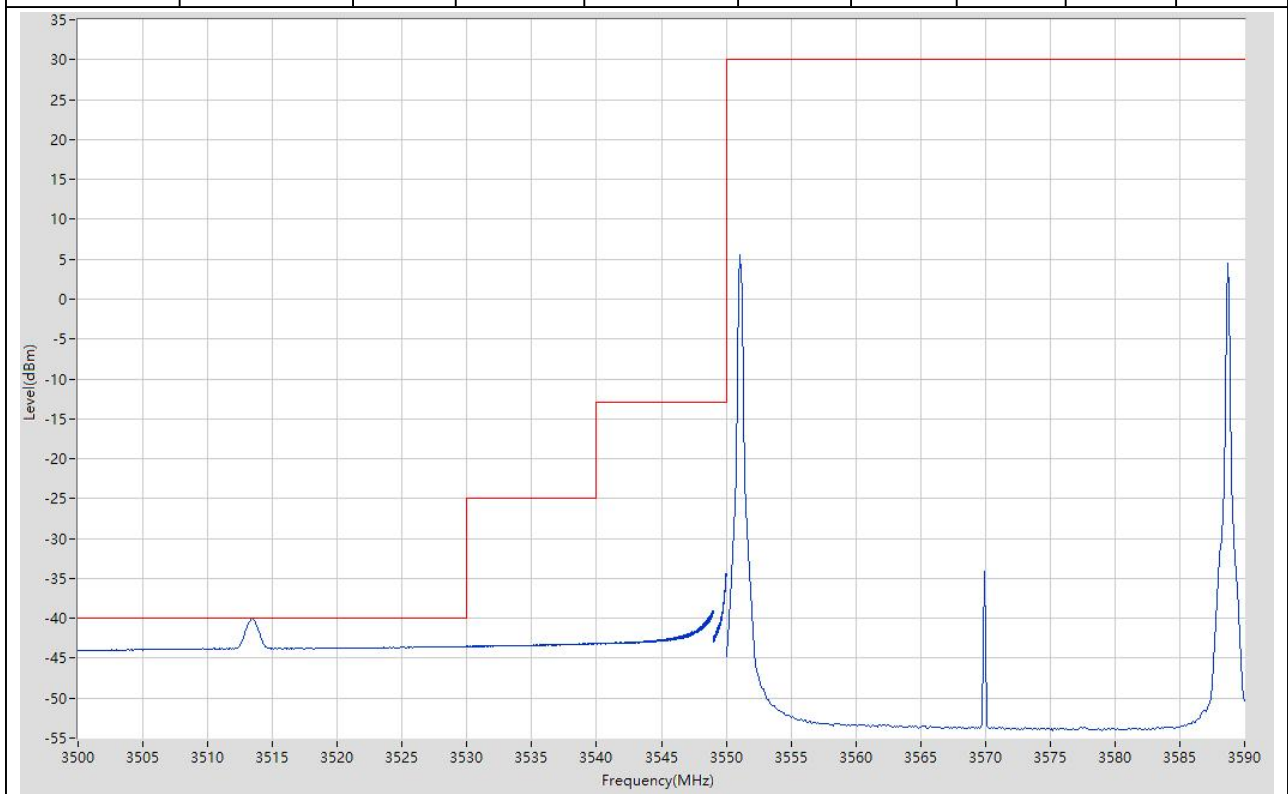
**1.16 LTE-A Band Edge\_Part96(NTNV)(Subtest:4, Channel:55340|55538, Bandwidth:20|20, Modulation:16QAM, RB Number:1|1, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -43.49      | -40         | 3.49        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3531.2          | -40.94      | -25         | 15.94       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -38.95      | -13         | 25.95       | Pass    | 401         |
| 3549                  | 3550                 | 0.51      | RMS      | 3549.99         | -34.33      | -13         | 21.33       | Pass    | 401         |
| 3550                  | 3590                 | 0.1       | RMS      | 3551.1          | 5.45        | 30          | 24.55       | Pass    | 401         |



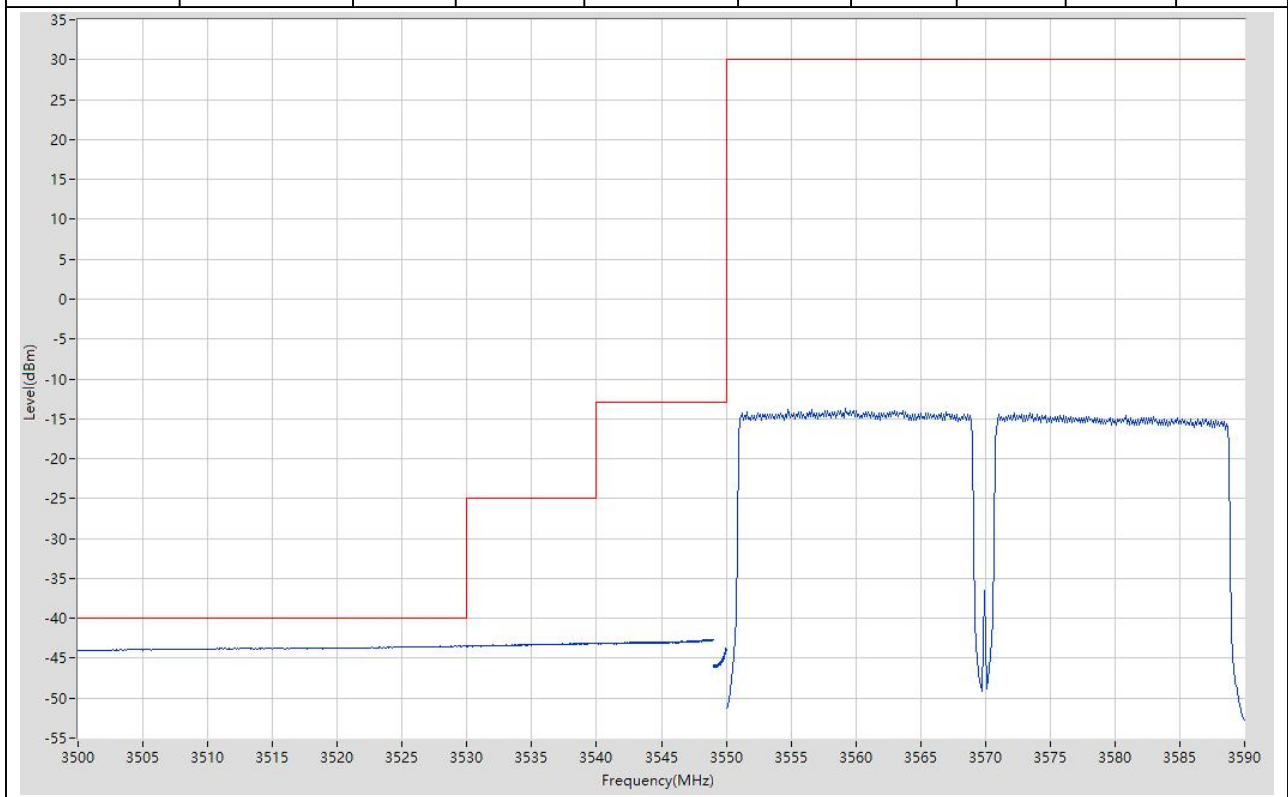
**1.17 LTE-A Band Edge\_Part96(NTNV)(Subtest:5, Channel:55340|55538, Bandwidth:20|20, Modulation:16QAM, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3513.425        | -40.01      | -40         | 0.01        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.975        | -43.12      | -25         | 18.12       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.955        | -39.04      | -13         | 26.04       | Pass    | 401         |
| 3549                  | 3550                 | 0.51      | RMS      | 3549.995        | -34.4       | -13         | 21.4        | Pass    | 401         |
| 3550                  | 3590                 | 0.1       | RMS      | 3551.1          | 5.53        | 30          | 24.47       | Pass    | 401         |



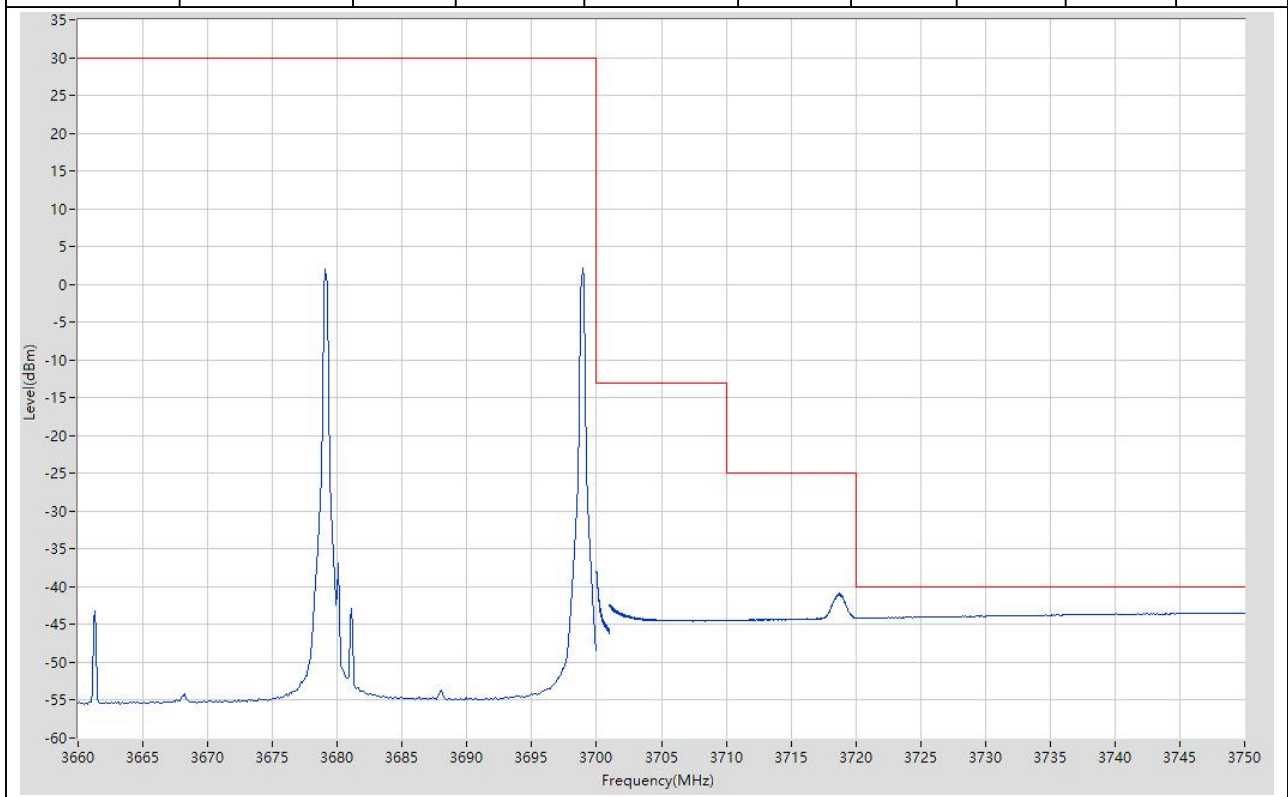
**1.18 LTE-A Band Edge\_Part96(NTNV)(Subtest:6, Channel:55340|55538, Bandwidth:20|20, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -43.46      | -40         | 3.46        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.725        | -43.08      | -25         | 18.08       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3548.55         | -42.64      | -13         | 29.64       | Pass    | 401         |
| 3549                  | 3550                 | 0.51      | RMS      | 3549.983        | -43.66      | -13         | 30.66       | Pass    | 401         |
| 3550                  | 3590                 | 0.1       | RMS      | 3559.2          | -13.71      | 30          | 43.71       | Pass    | 401         |



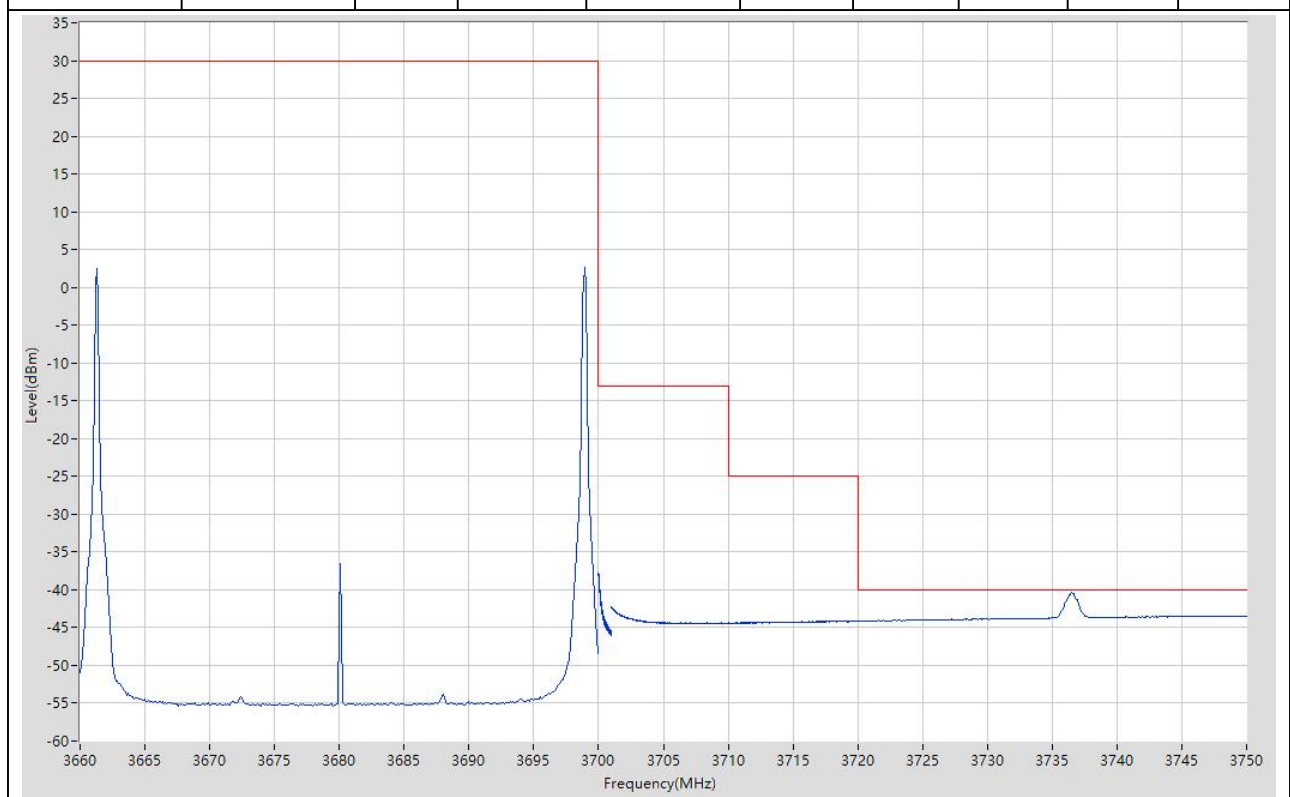
**1.19 LTE-A Band Edge\_Part96(NTNV)(Subtest:1, Channel:56442|56640, Bandwidth:20|20, Modulation:QPSK, RB Number:1|1, RB Position:High|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 0.1       | RMS      | 3698.9          | 2.23        | 30          | 27.77       | Pass    | 401         |
| 3700                  | 3701                 | 0.51      | RMS      | 3700.005        | -37.96      | -13         | 24.96       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -42.41      | -13         | 29.41       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3718.725        | -40.88      | -25         | 15.88       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3749.1          | -43.47      | -40         | 3.47        | Pass    | 401         |



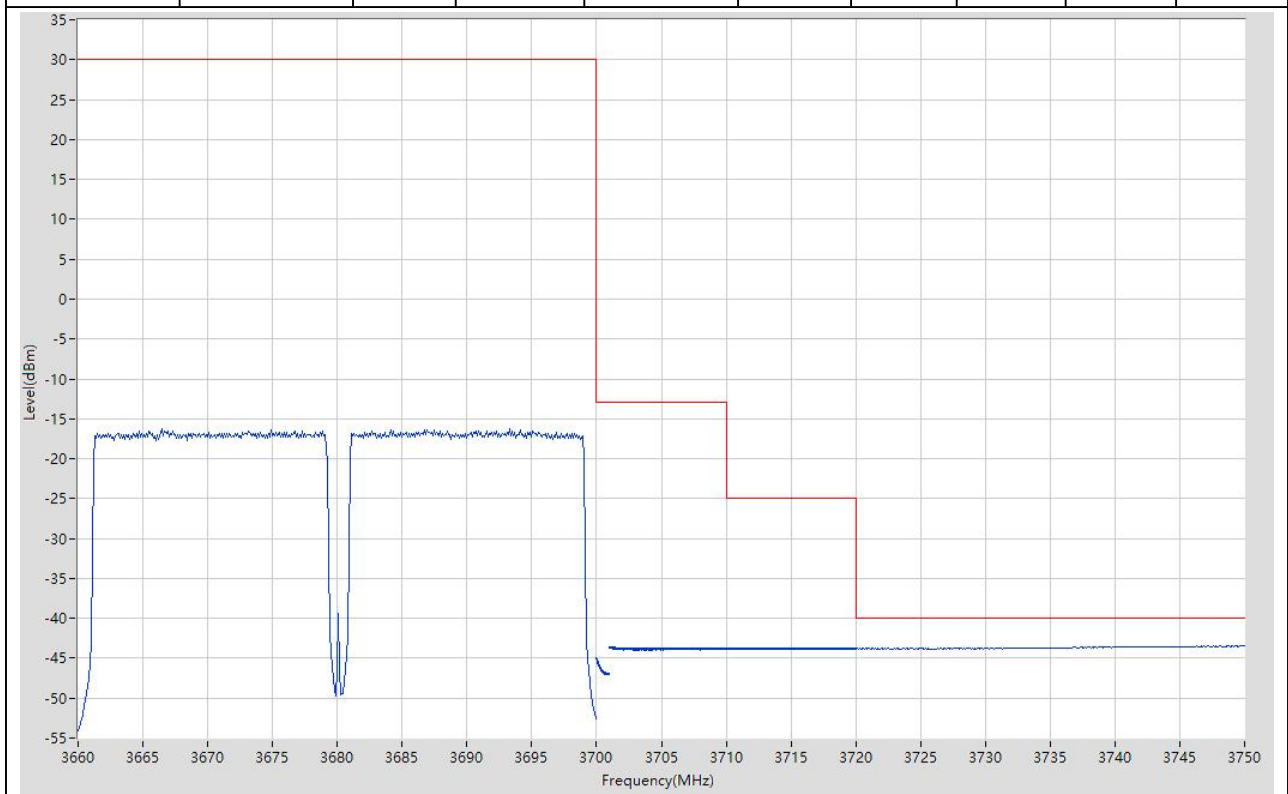
**1.20 LTE-A Band Edge\_Part96(NTNV)(Subtest:2, Channel:56442|56640, Bandwidth:20|20, Modulation:QPSK, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 0.1       | RMS      | 3698.9          | 2.65        | 30          | 27.35       | Pass    | 401         |
| 3700                  | 3701                 | 0.51      | RMS      | 3700            | -37.76      | -13         | 24.76       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -42.23      | -13         | 29.23       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3719.475        | -44.11      | -25         | 19.11       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3736.5          | -40.41      | -40         | 0.41        | Pass*   | 401         |



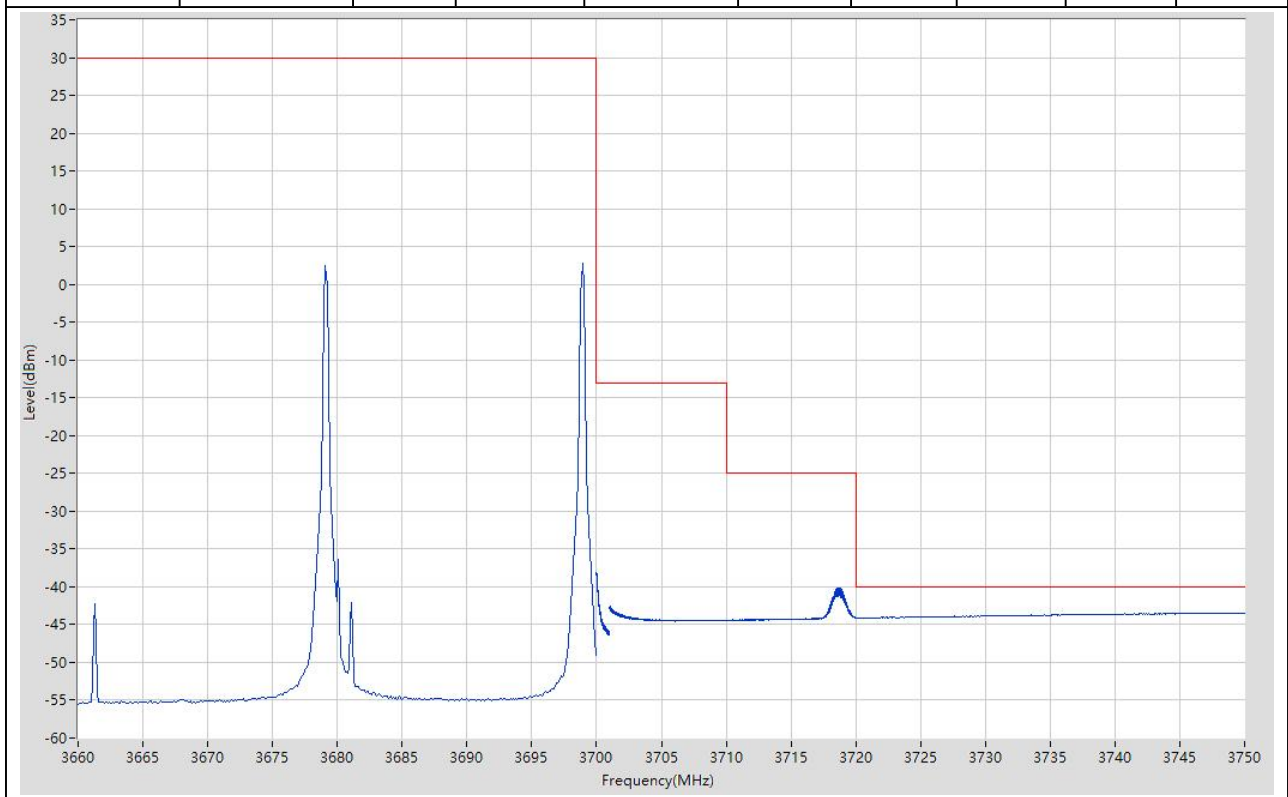
**1.21 LTE-A Band Edge\_Part96(NTNV)(Subtest:3, Channel:56442|56640, Bandwidth:20|20, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 0.1       | RMS      | 3693.3          | -16.3       | 30          | 46.3        | Pass    | 401         |
| 3700                  | 3701                 | 0.51      | RMS      | 3700            | -44.95      | -13         | 31.95       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.068        | -43.57      | -13         | 30.57       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3711.85         | -43.67      | -25         | 18.67       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3749.1          | -43.45      | -40         | 3.45        | Pass    | 401         |



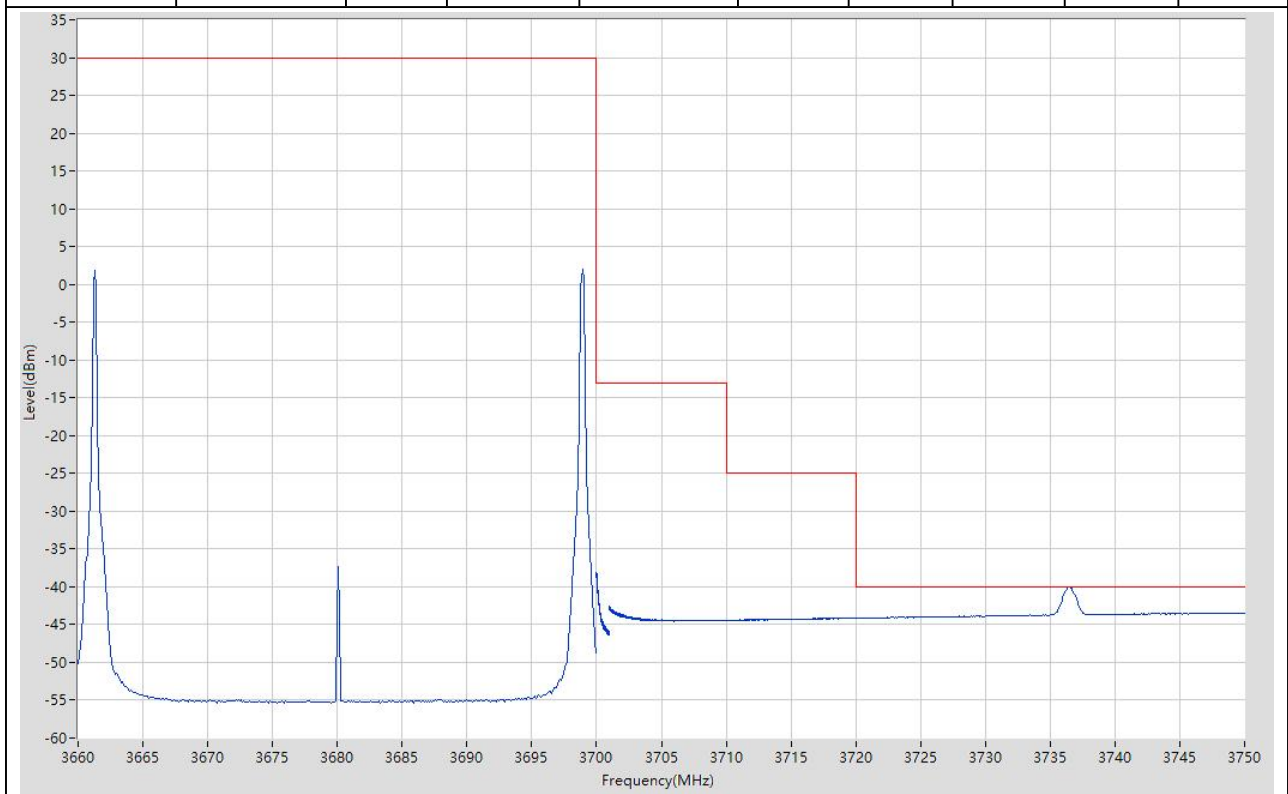
**1.22 LTE-A Band Edge\_Part96(NTNV)(Subtest:4, Channel:56442|56640, Bandwidth:20|20, Modulation:16QAM, RB Number:1|1, RB Position:High|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 0.1       | RMS      | 3698.9          | 2.84        | 30          | 27.16       | Pass    | 401         |
| 3700                  | 3701                 | 0.51      | RMS      | 3700            | -38.07      | -13         | 25.07       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.068        | -42.63      | -13         | 29.63       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3718.575        | -40.11      | -25         | 15.11       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3749.625        | -43.43      | -40         | 3.43        | Pass    | 401         |



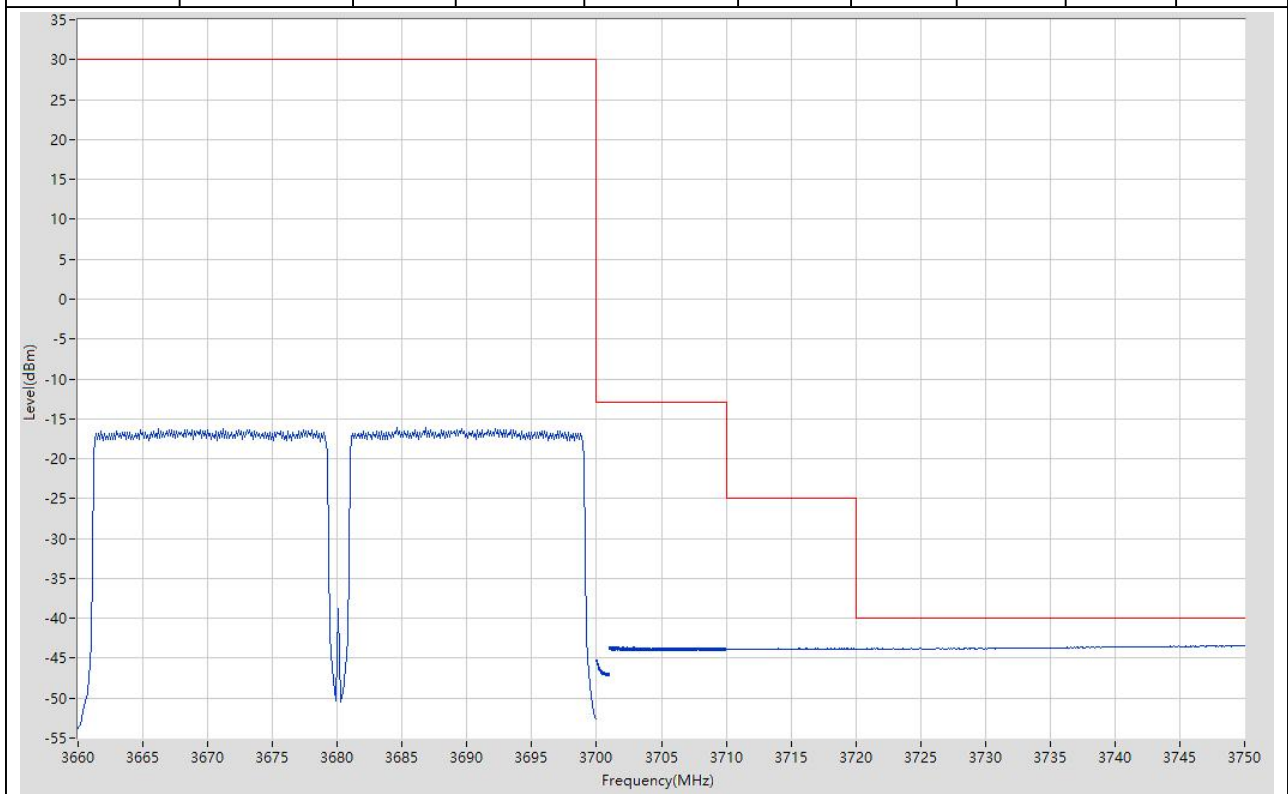
**1.23 LTE-A Band Edge\_Part96(NTNV)(Subtest:5, Channel:56442|56640, Bandwidth:20|20, Modulation:16QAM, RB Number:1|1, RB Position:Low|High)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 0.1       | RMS      | 3698.9          | 1.96        | 30          | 28.04       | Pass    | 401         |
| 3700                  | 3701                 | 0.51      | RMS      | 3700.003        | -38.13      | -13         | 25.13       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -42.55      | -13         | 29.55       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3720            | -44.12      | -25         | 19.12       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3736.5          | -40.01      | -40         | 0.01        | Pass*   | 401         |



**1.24 LTE-A Band Edge\_Part96(NTNV)(Subtest:6, Channel:56442|56640, Bandwidth:20|20, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)**

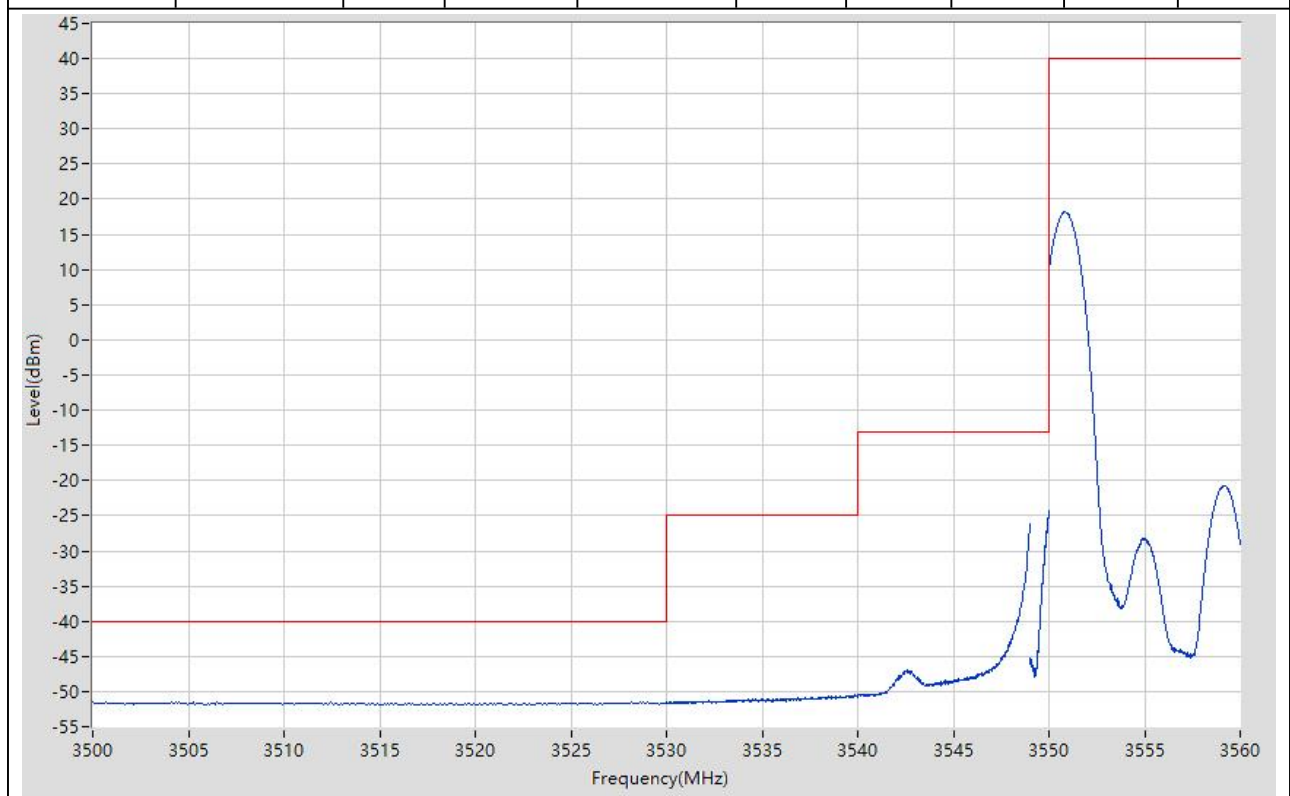
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 0.1       | RMS      | 3686.8          | -16.09      | 30          | 46.09       | Pass    | 401         |
| 3700                  | 3701                 | 0.51      | RMS      | 3700.008        | -45.2       | -13         | 32.2        | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -43.58      | -13         | 30.58       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3718.75         | -43.78      | -25         | 18.78       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3749.775        | -43.42      | -40         | 3.42        | Pass    | 401         |



## n48 30kHz

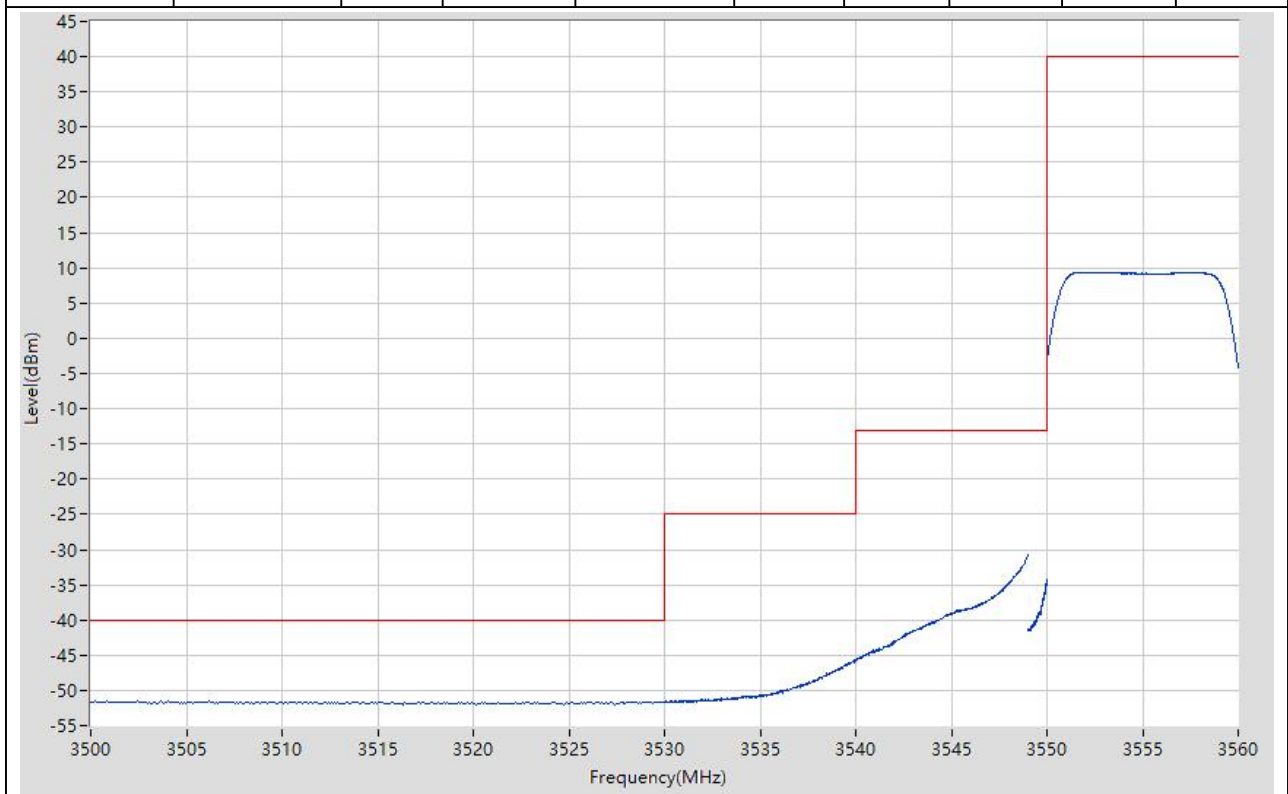
**1.1 Band Edge for SA\_Part96(NTNV)(Subtest:1, Channel:637000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3505.25         | -51.53      | -40         | 11.53       | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.975        | -50.51      | -25         | 25.51       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -26.22      | -13         | 13.22       | Pass    | 401         |
| 3549                  | 3550                 | 0.1       | RMS      | 3550            | -24.31      | -13         | 11.31       | Pass    | 401         |
| 3550                  | 3560                 | 1         | RMS      | 3550.825        | 18.18       | 40          | 21.82       | Pass    | 401         |



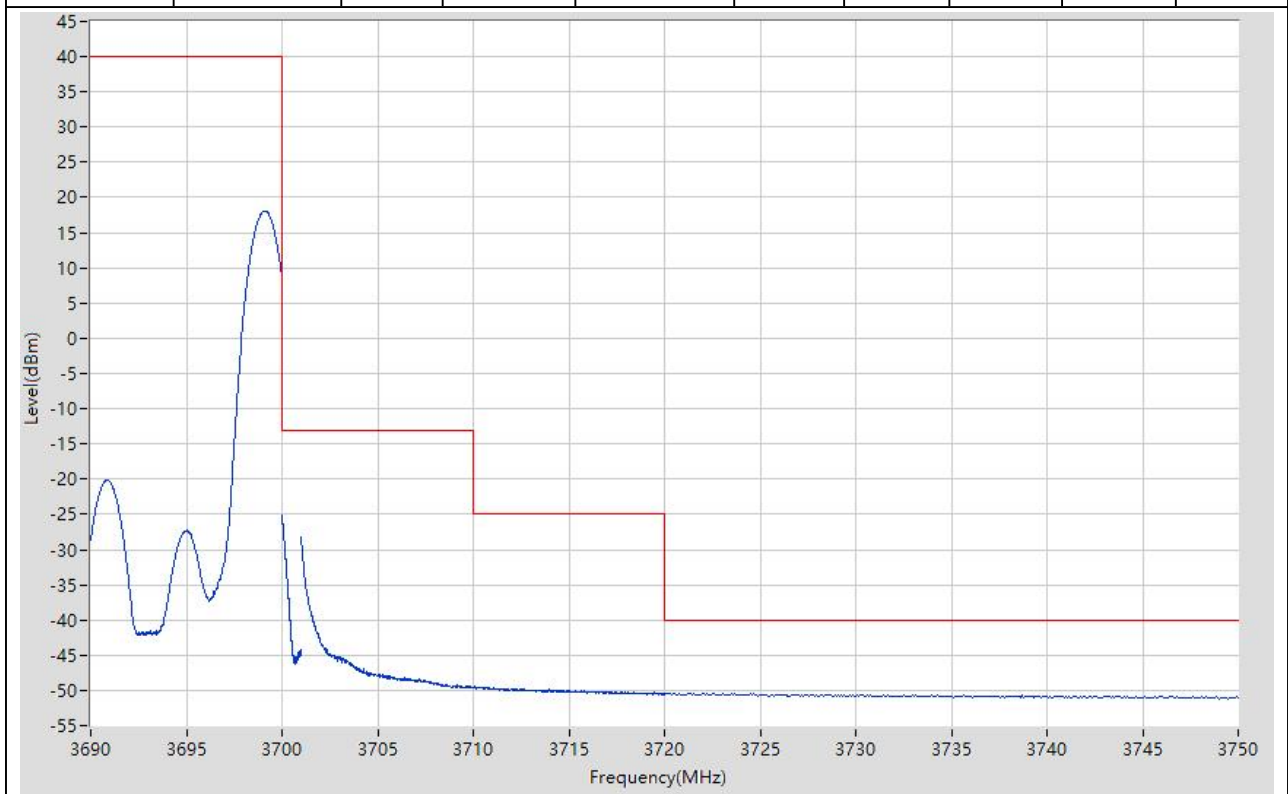
## 1.2 Band Edge for SA\_Part96(NTNV)(Subtest:2, Channel:637000, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3502.475        | -51.52      | -40         | 11.52       | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.9          | -45.74      | -25         | 20.74       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -30.76      | -13         | 17.76       | Pass    | 401         |
| 3549                  | 3550                 | 0.1       | RMS      | 3550            | -34.25      | -13         | 21.25       | Pass    | 401         |
| 3550                  | 3560                 | 1         | RMS      | 3552.35         | 9.39        | 40          | 30.61       | Pass    | 401         |



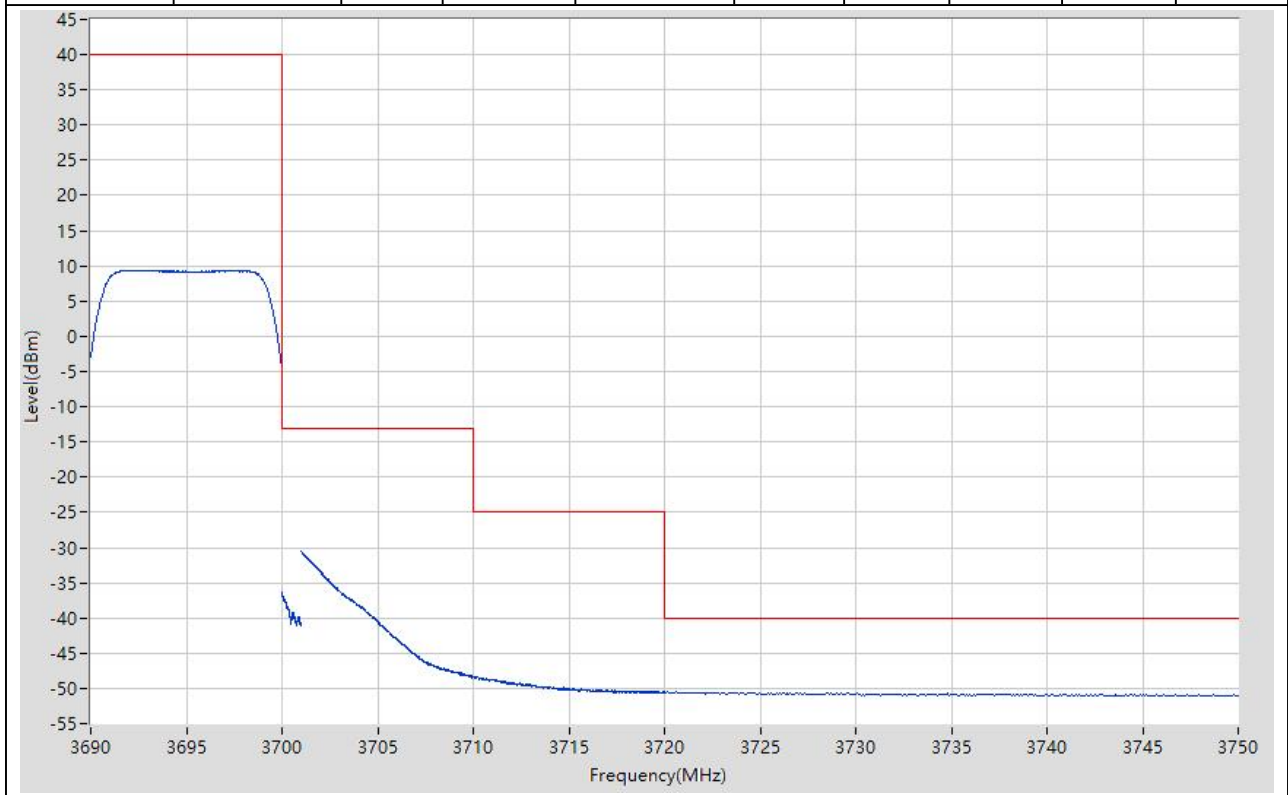
### 1.3 Band Edge for SA\_Part96(NTNV)(Subtest:3, Channel:646332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:1, RB Position:23)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3690                  | 3700                 | 1         | RMS      | 3699.075        | 18.11       | 40          | 21.89       | Pass    | 401         |
| 3700                  | 3701                 | 0.1       | RMS      | 3700.003        | -25.21      | -13         | 12.21       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -28.17      | -13         | 15.17       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.05         | -49.5       | -25         | 24.5        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.075        | -50.36      | -40         | 10.36       | Pass    | 401         |



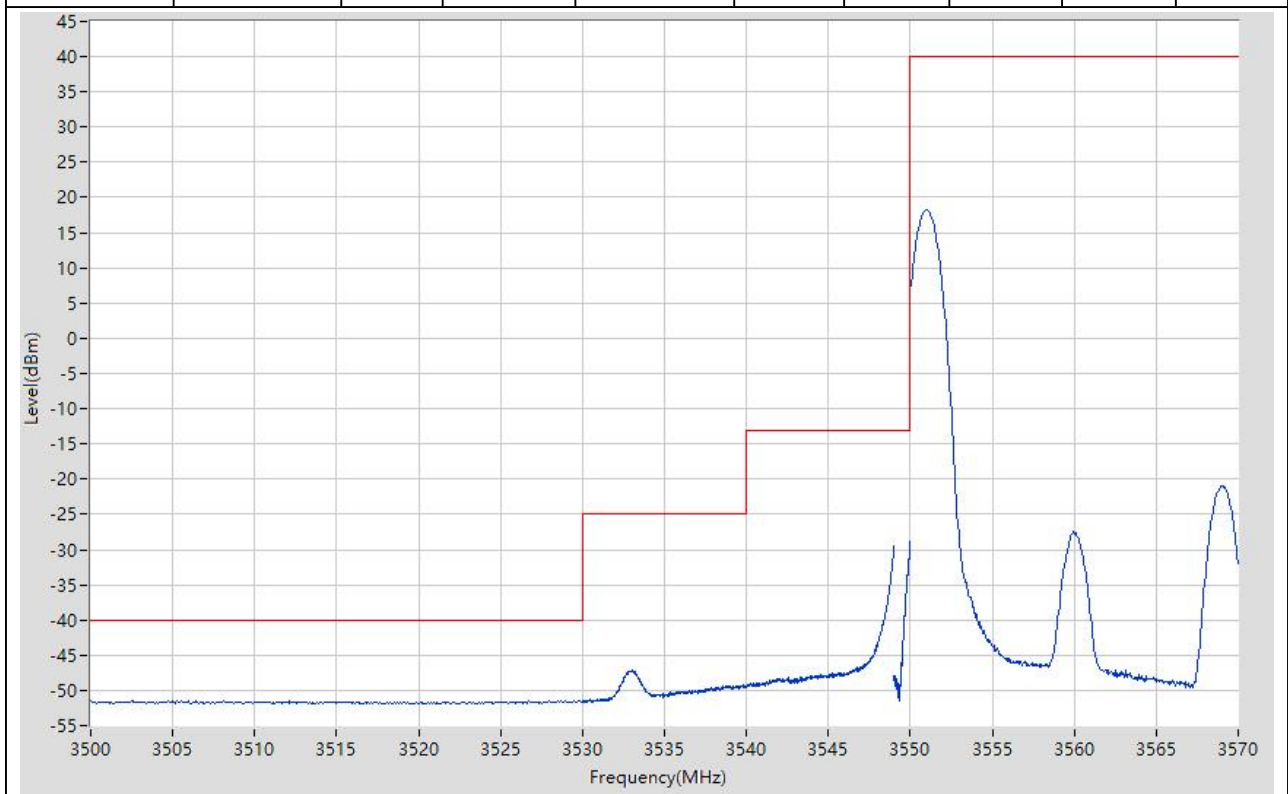
#### 1.4 Band Edge for SA\_Part96(NTNV)(Subtest:4, Channel:646332, Bandwidth:10, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:24, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3690                  | 3700                 | 1         | RMS      | 3692.35         | 9.36        | 40          | 30.64       | Pass    | 401         |
| 3700                  | 3701                 | 0.1       | RMS      | 3700            | -36.23      | -13         | 23.23       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -30.49      | -13         | 17.49       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.025        | -48.27      | -25         | 23.27       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.6          | -50.49      | -40         | 10.49       | Pass    | 401         |



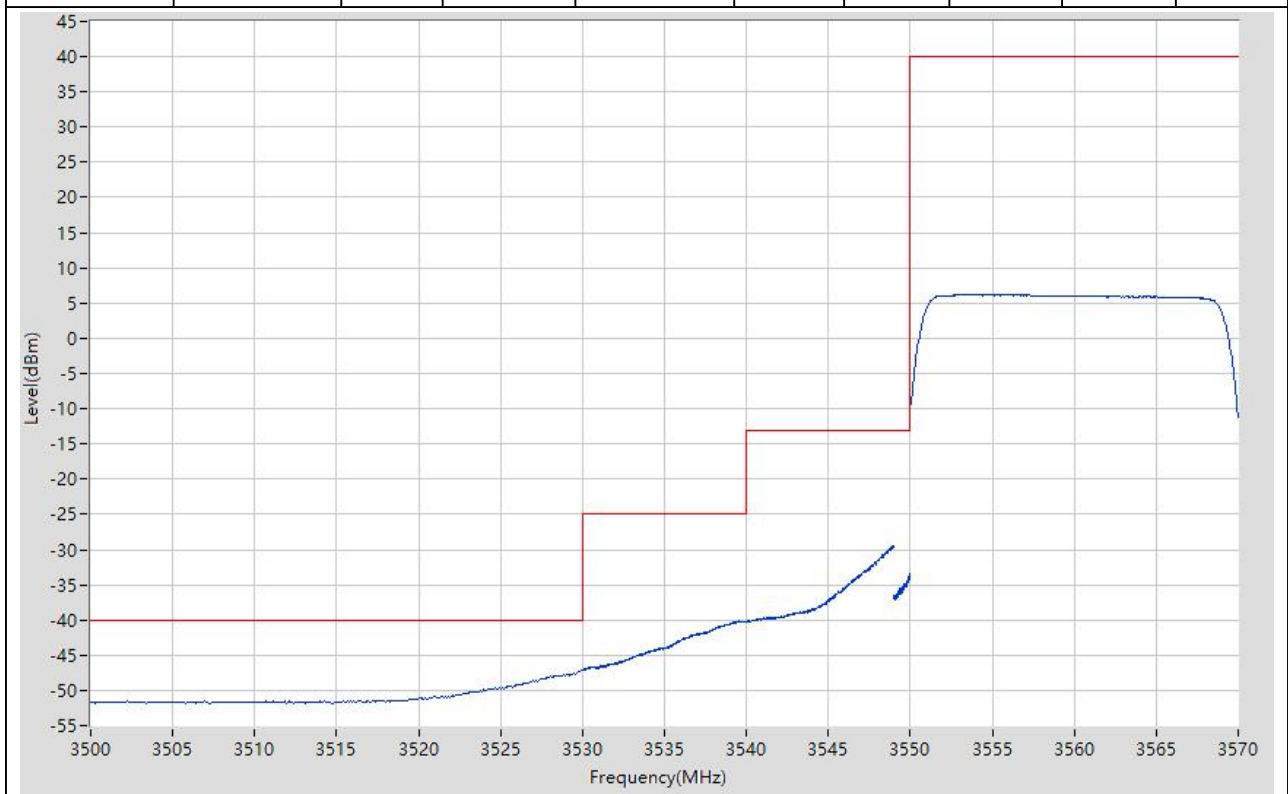
**1.5 Band Edge for SA\_Part96(NTNV)(Subtest:1, Channel:637334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -51.48      | -40         | 11.48       | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3533.05         | -47.08      | -25         | 22.08       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -29.54      | -13         | 16.54       | Pass    | 401         |
| 3549                  | 3550                 | 0.051     | RMS      | 3549.998        | -28.86      | -13         | 15.86       | Pass    | 401         |
| 3550                  | 3570                 | 1         | RMS      | 3551.05         | 18.24       | 40          | 21.76       | Pass    | 401         |



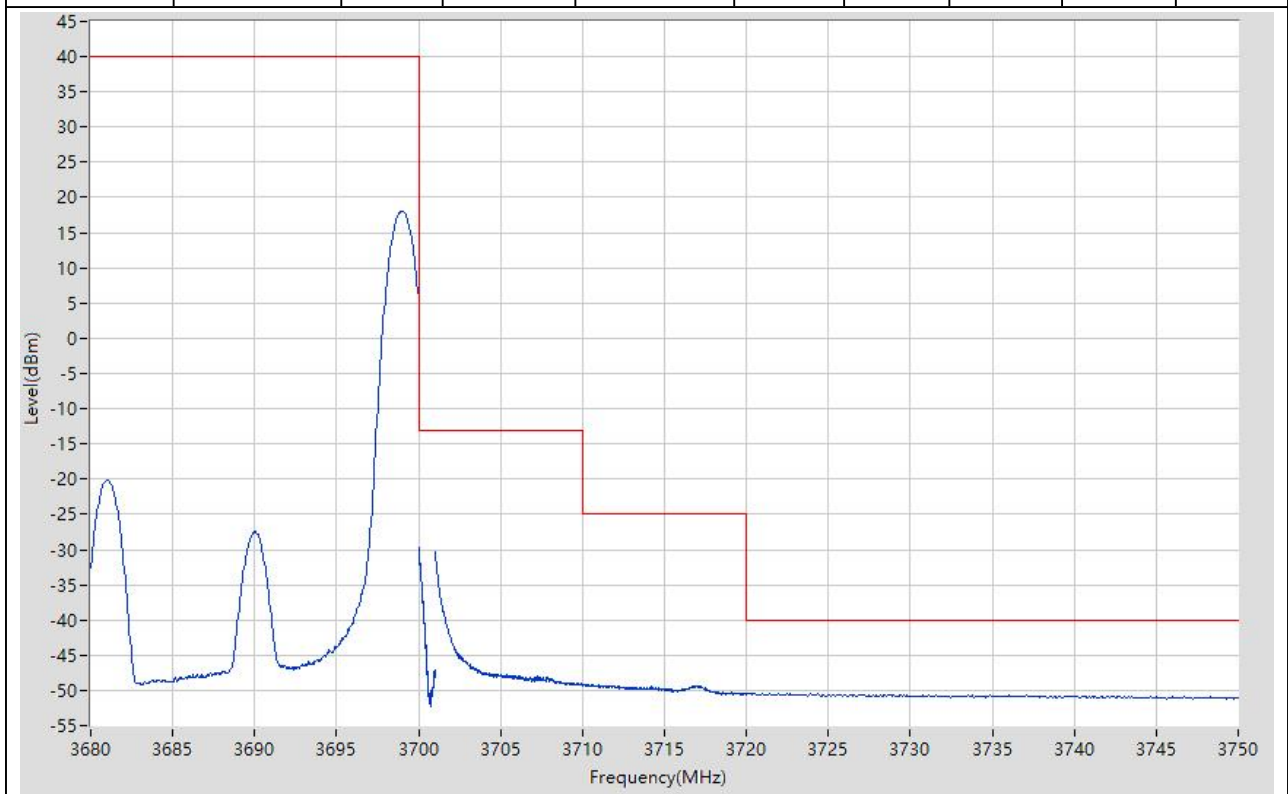
**1.6 Band Edge for SA\_Part96(NTNV)(Subtest:2, Channel:637334, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3530            | -47.14      | -40         | 7.14        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3539.575        | -40.14      | -25         | 15.14       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -29.48      | -13         | 16.48       | Pass    | 401         |
| 3549                  | 3550                 | 0.2       | RMS      | 3549.998        | -33.34      | -13         | 20.34       | Pass    | 401         |
| 3550                  | 3570                 | 1         | RMS      | 3553.45         | 6.21        | 40          | 33.79       | Pass    | 401         |



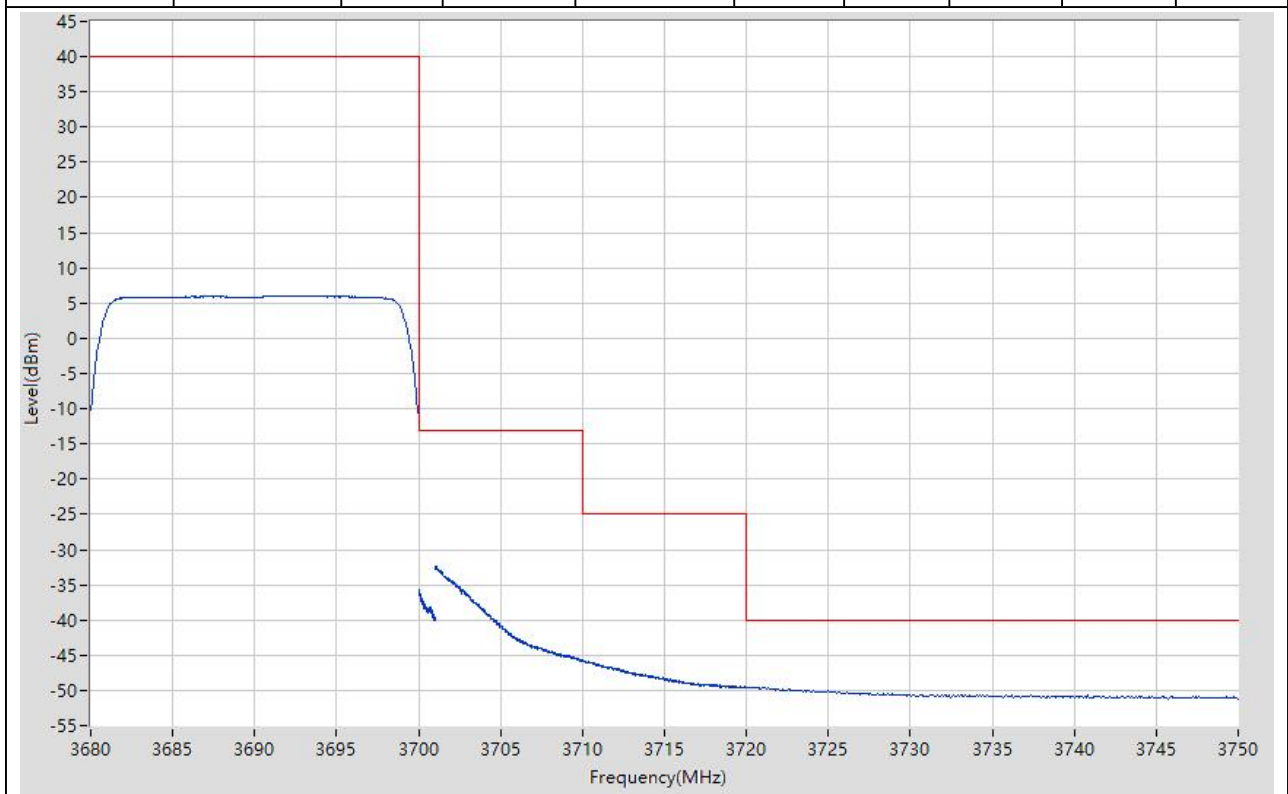
**1.7 Band Edge for SA\_Part96(NTNV)(Subtest:3, Channel:646000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:1, RB Position:50)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3680                  | 3700                 | 1         | RMS      | 3699            | 18.1        | 40          | 21.9        | Pass    | 401         |
| 3700                  | 3701                 | 0.051     | RMS      | 3700.003        | -29.69      | -13         | 16.69       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -30.24      | -13         | 17.24       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710            | -49.1       | -25         | 24.1        | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.975        | -50.36      | -40         | 10.36       | Pass    | 401         |



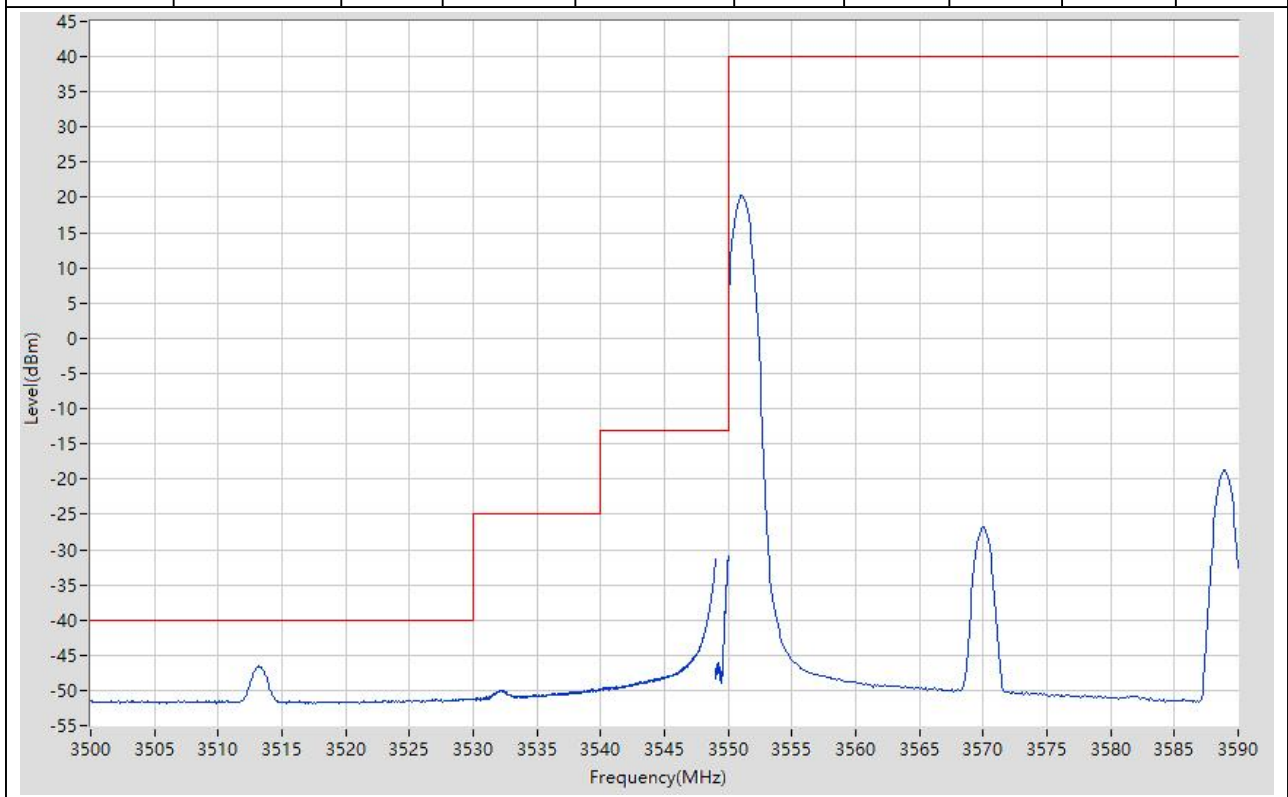
**1.8 Band Edge for SA\_Part96(NTNV)(Subtest:4, Channel:646000, Bandwidth:20, SCS:30, OFDM:CP-OFDM, Modulation:QPSK, RB Number:51, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3680                  | 3700                 | 1         | RMS      | 3694.4          | 6.01        | 40          | 33.99       | Pass    | 401         |
| 3700                  | 3701                 | 0.2       | RMS      | 3700.01         | -35.77      | -13         | 22.77       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.023        | -32.29      | -13         | 19.29       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3710.025        | -45.81      | -25         | 20.81       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3720.225        | -49.52      | -40         | 9.52        | Pass    | 401         |



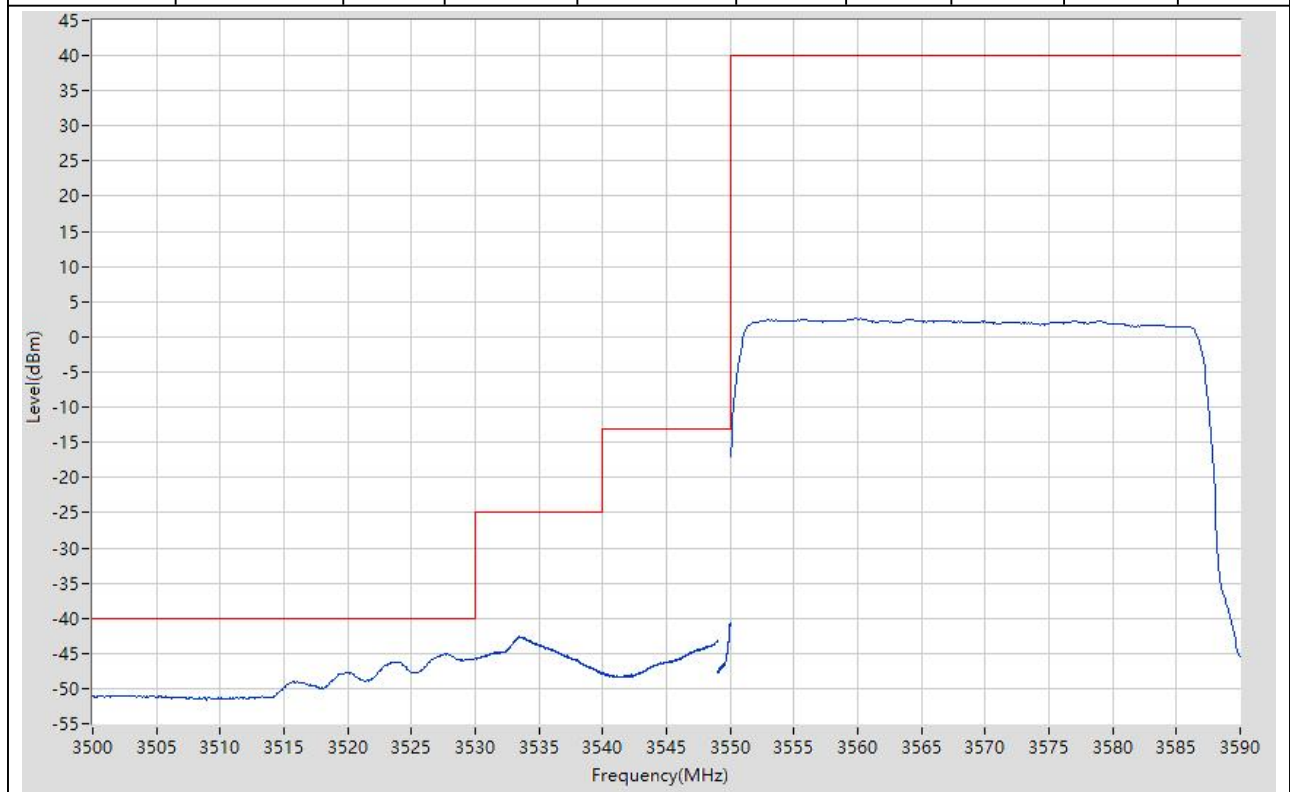
**1.9 Band Edge for SA\_Part96(NTNV)(Subtest:1, Channel:638000, Bandwidth:40, SCS:30, OFDM:DFT-s-OFDM, Modulation:PI2-BPSK, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3513.2          | -46.52      | -40         | 6.52        | Pass    | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3540            | -49.82      | -25         | 24.82       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -31.27      | -13         | 18.27       | Pass    | 401         |
| 3549                  | 3550                 | 0.051     | RMS      | 3549.998        | -30.88      | -13         | 17.88       | Pass    | 401         |
| 3550                  | 3590                 | 1         | RMS      | 3551.1          | 20.31       | 40          | 19.69       | Pass    | 401         |



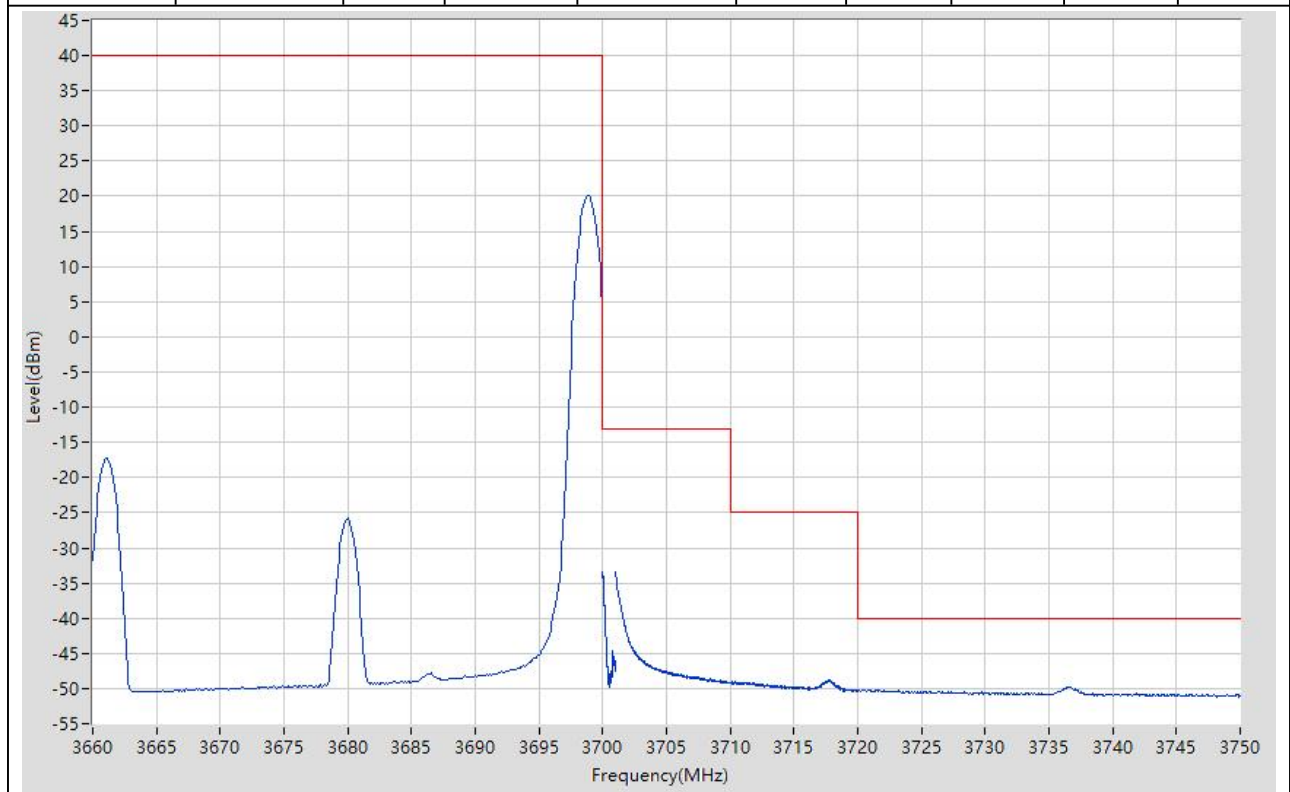
**1.10 Band Edge for SA\_Part96(NTNV)(Subtest:2, Channel:638000, Bandwidth:40, SCS:30, OFDM:DFT-s-OFDM, Modulation:PI2-BPSK, RB Number:100, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3500                  | 3530                 | 1         | RMS      | 3527.6          | -45.05      | -40         | 5.05        | Pass*   | 401         |
| 3530                  | 3540                 | 1         | RMS      | 3533.425        | -42.64      | -25         | 17.64       | Pass    | 401         |
| 3540                  | 3549                 | 1         | RMS      | 3549            | -43.14      | -13         | 30.14       | Pass    | 401         |
| 3549                  | 3550                 | 0.39      | RMS      | 3550            | -40.6       | -13         | 27.6        | Pass    | 401         |
| 3550                  | 3590                 | 1         | RMS      | 3560.2          | 2.63        | 40          | 37.37       | Pass    | 401         |



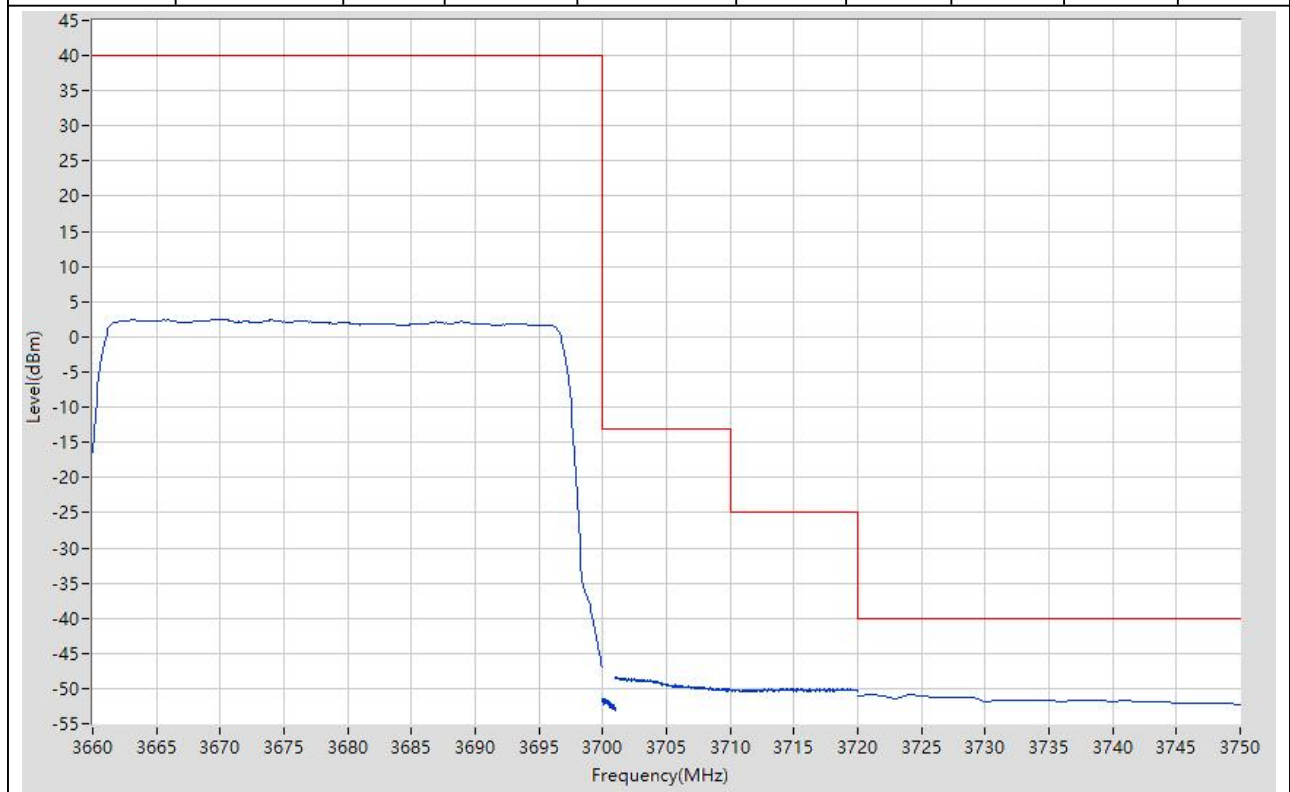
**1.11 Band Edge for SA\_Part96(NTNV)(Subtest:3, Channel:645332, Bandwidth:40, SCS:30, OFDM:DFT-s-OFDM, Modulation:PI2-BPSK, RB Number:1, RB Position:105)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 1         | RMS      | 3698.9          | 20.1        | 40          | 19.9        | Pass    | 401         |
| 3700                  | 3701                 | 0.051     | RMS      | 3700            | -33.44      | -13         | 20.44       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701            | -33.43      | -13         | 20.43       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3717.775        | -48.78      | -25         | 23.78       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3736.35         | -49.81      | -40         | 9.81        | Pass    | 401         |



**1.12 Band Edge for SA\_Part96(NTNV)(Subtest:4, Channel:645332, Bandwidth:40, SCS:30, OFDM:DFT-s-OFDM, Modulation:PI2-BPSK, RB Number:100, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 3660                  | 3700                 | 1         | RMS      | 3669.8          | 2.55        | 40          | 37.45       | Pass    | 401         |
| 3700                  | 3701                 | 0.39      | RMS      | 3700.145        | -51.47      | -13         | 38.47       | Pass    | 401         |
| 3701                  | 3710                 | 1         | RMS      | 3701.158        | -48.35      | -13         | 35.35       | Pass    | 401         |
| 3710                  | 3720                 | 1         | RMS      | 3714.4          | -49.99      | -25         | 24.99       | Pass    | 401         |
| 3720                  | 3750                 | 1         | RMS      | 3721            | -50.77      | -40         | 10.77       | Pass    | 31          |



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