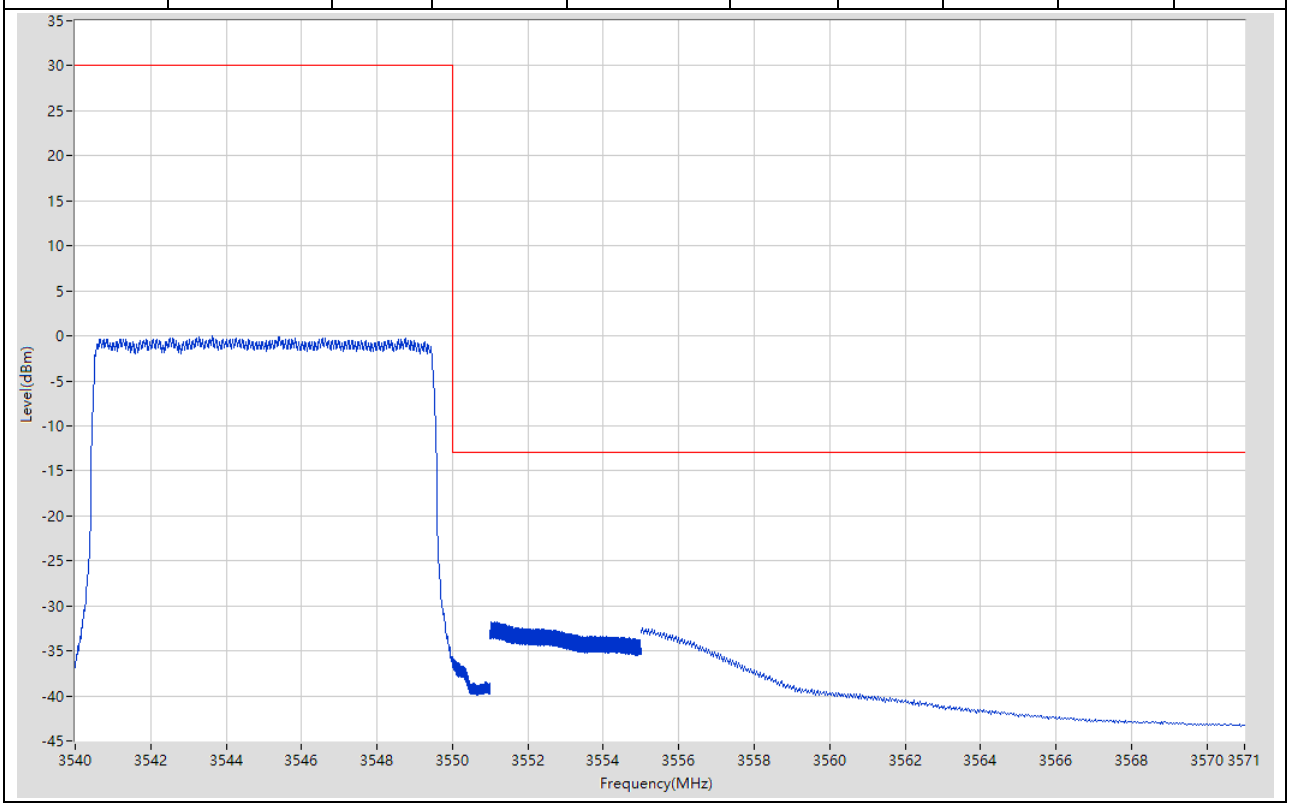
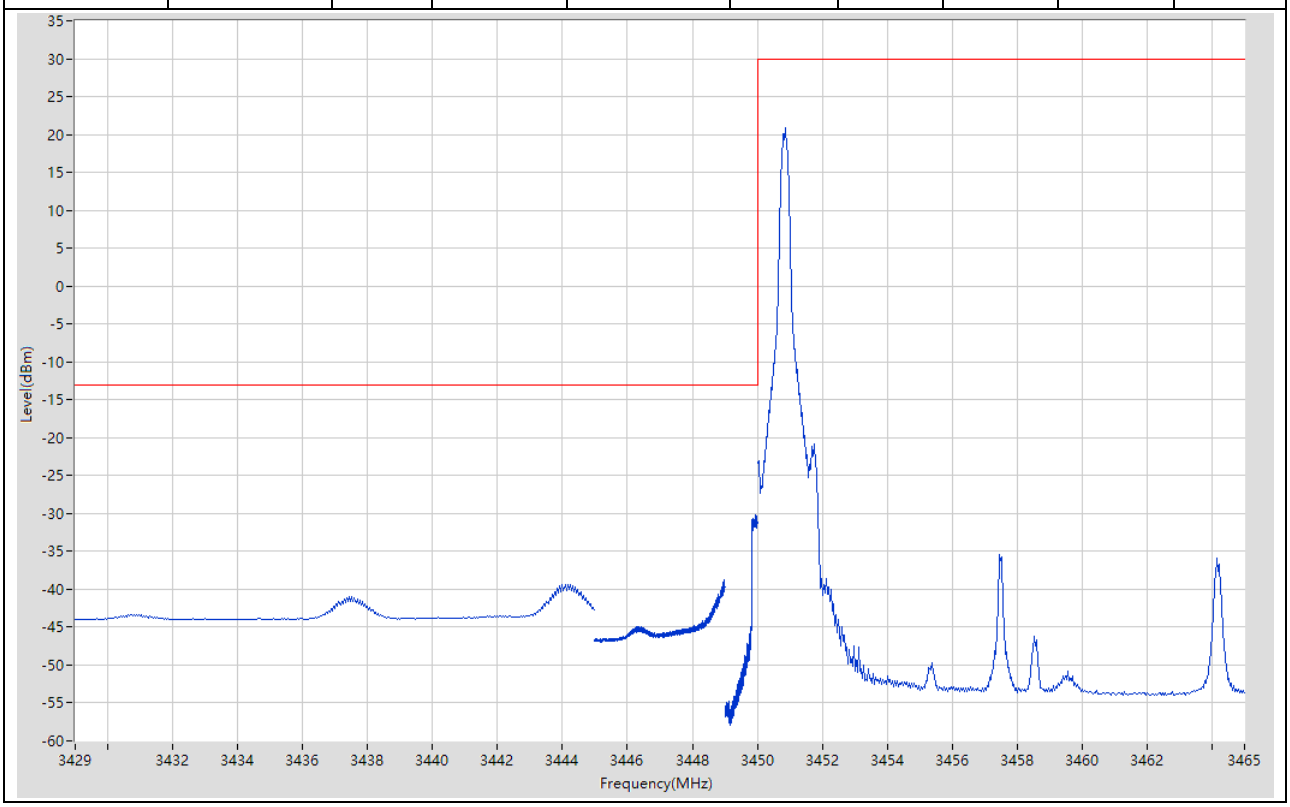
## 8.16. LTE Band Edge(NTNV)(Subtest:8, Channel:43040, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3540 | 3550 | 0.1 | RMS | 3543.625 | -0.06 | 30 | 30.06 | Pass | 401 |
| 3550 | 3551 | 0.1 | RMS | 3550.003 | -35.66 | -13 | 22.66 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551.13 | -31.81 | -13 | 18.81 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3555.04 | -32.51 | -13 | 19.51 | Pass | 401 |



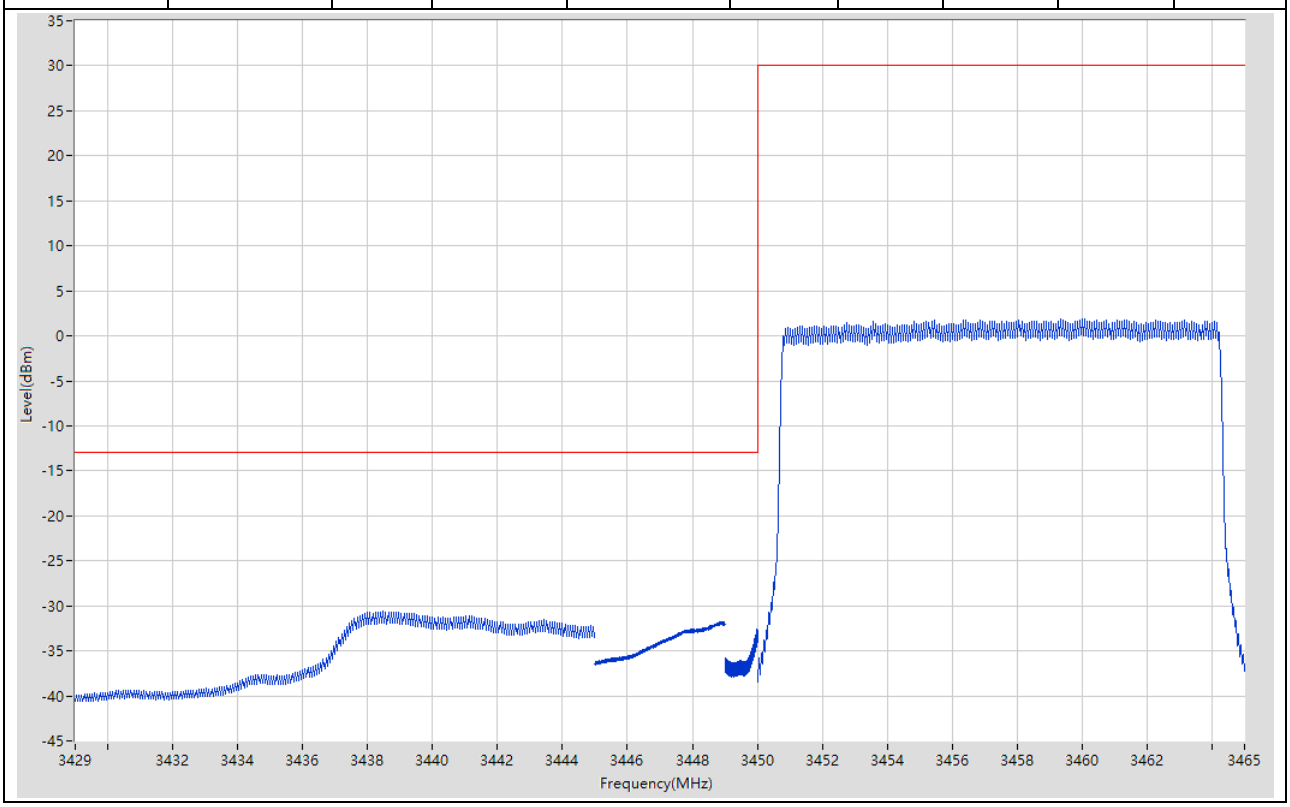
## 8.17. LTE Band Edge(NTNV)(Subtest:1, Channel:42165, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3444.24 | -39.34 | -13 | 26.34 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.97 | -38.77 | -13 | 25.77 | Pass | 401 |
| 3449 | 3450 | 0.01 | RMS | 3449.933 | -30.22 | -13 | 17.22 | Pass | 401 |
| 3450 | 3465 | 0.1 | RMS | 3450.863 | 20.96 | 30 | 9.04 | Pass | 401 |



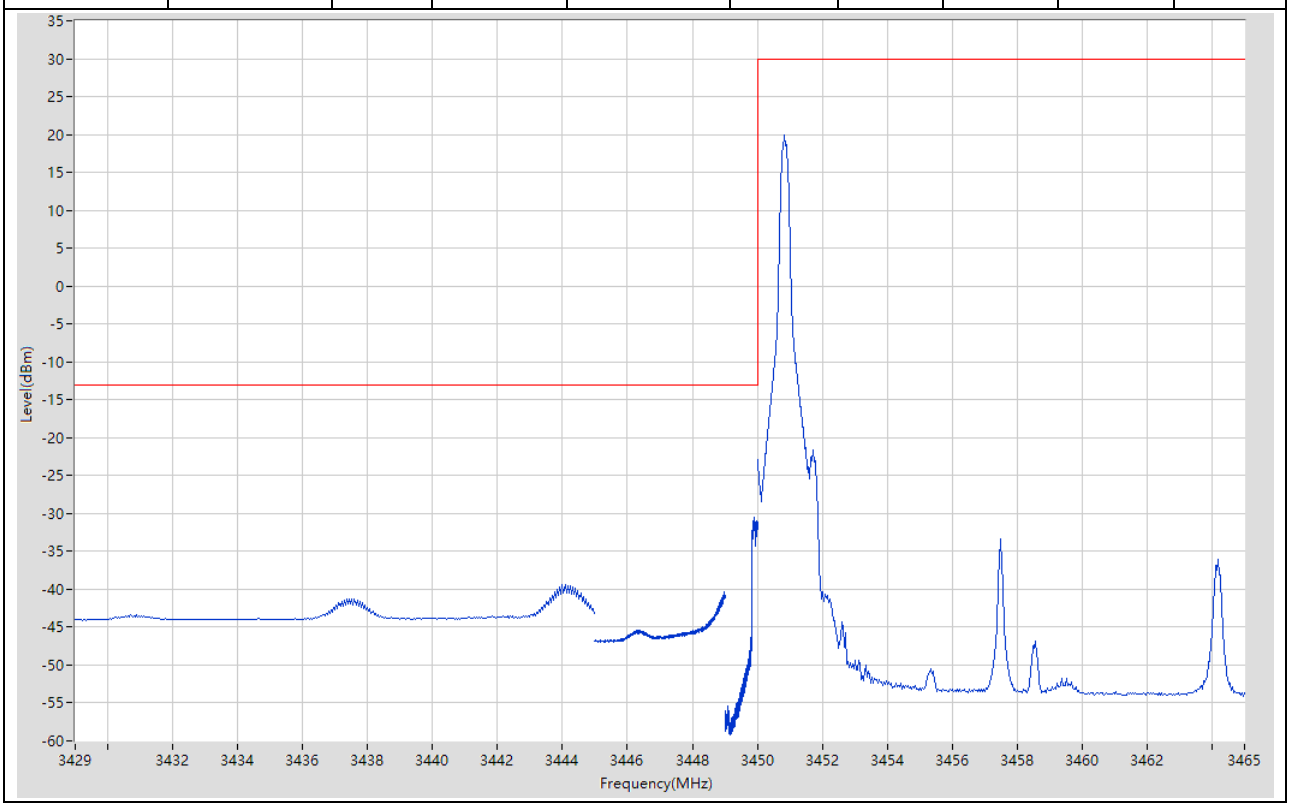
## 8.18. LTE Band Edge(NTNV)(Subtest:2, Channel:42165, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3438.48 | -30.6 | -13 | 17.6 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.91 | -31.78 | -13 | 18.78 | Pass | 401 |
| 3449 | 3450 | 0.2 | RMS | 3449.993 | -32.54 | -13 | 19.54 | Pass | 401 |
| 3450 | 3465 | 0.1 | RMS | 3460.013 | 1.94 | 30 | 28.06 | Pass | 401 |



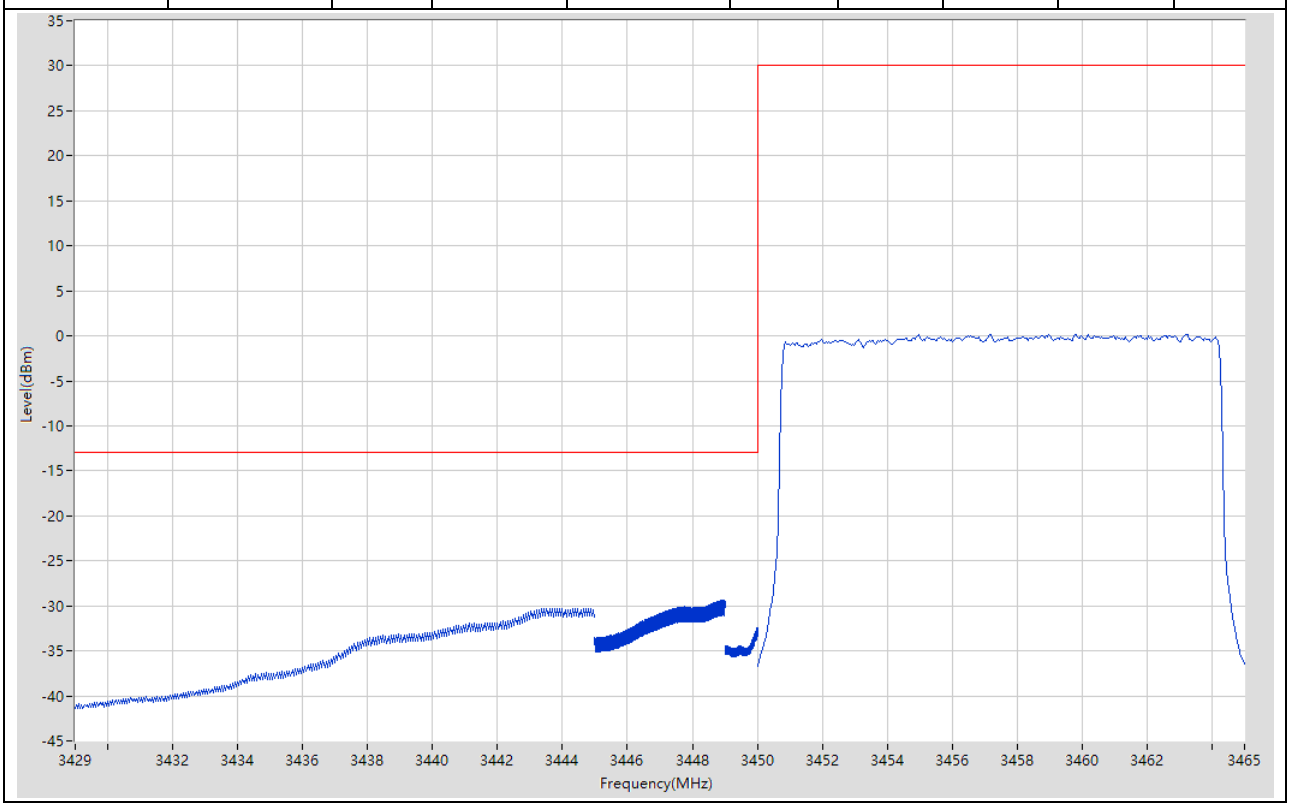
## 8.19. LTE Band Edge(NTNV)(Subtest:3, Channel:42165, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3444 | -39.42 | -13 | 26.42 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.99 | -40.33 | -13 | 27.33 | Pass | 401 |
| 3449 | 3450 | 0.01 | RMS | 3449.923 | -30.51 | -13 | 17.51 | Pass | 401 |
| 3450 | 3465 | 0.1 | RMS | 3450.825 | 20 | 30 | 10 | Pass | 401 |



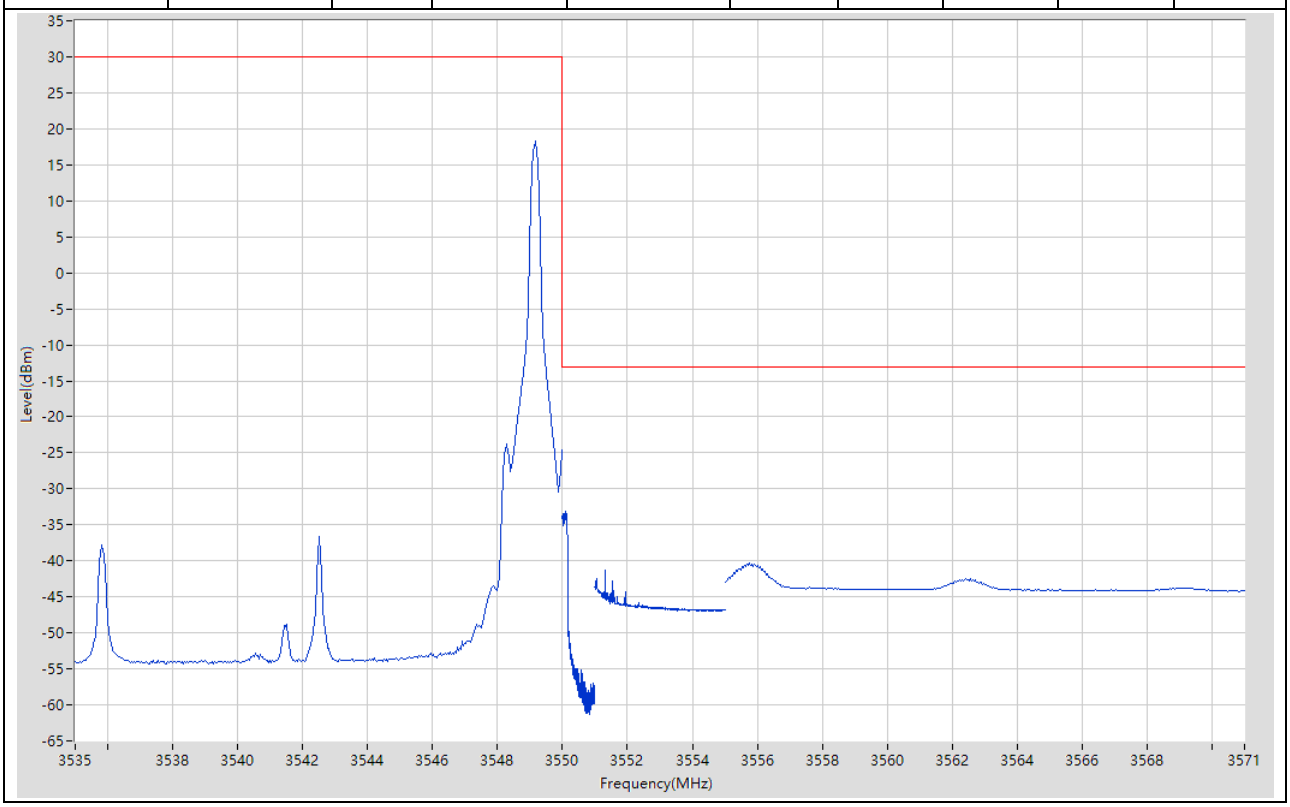
## 8.20. LTE Band Edge(NTNV)(Subtest:4, Channel:42165, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3443.52 | -30.25 | -13 | 17.25 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.98 | -29.39 | -13 | 16.39 | Pass | 401 |
| 3449 | 3450 | 0.2 | RMS | 3449.998 | -32.4 | -13 | 19.4 | Pass | 401 |
| 3450 | 3465 | 0.1 | RMS | 3454.988 | 0.19 | 30 | 29.81 | Pass | 401 |



## 8.21. LTE Band Edge(NTNV)(Subtest:5, Channel:43015, 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 |
|---|---|---|---|---|---|---|---|---|---|
| 3535 | 3550 | 0.1 | RMS | 3549.175 | 18.25 | 30 | 11.75 | Pass | 401 |
| 3550 | 3551 | 0.01 | RMS | 3550.09 | -33.13 | -13 | 20.13 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551.31 | -41.37 | -13 | 28.37 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3555.76 | -40.32 | -13 | 27.32 | Pass | 401 |

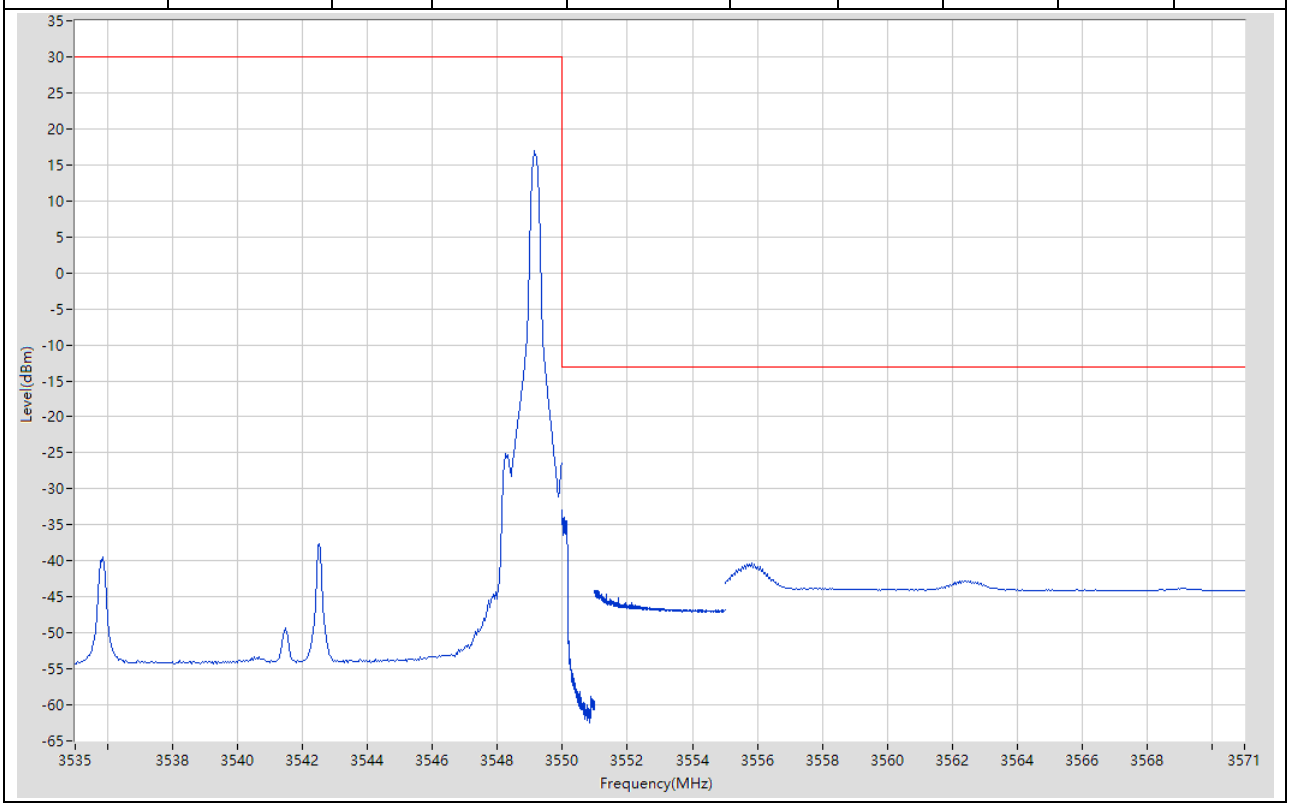


## 8.22. LTE Band Edge(NTNV)(Subtest:6, Channel:43015, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3535 | 3550 | 0.1 | RMS | 3544.038 | -0.46 | 30 | 30.46 | Pass | 401 |
| 3550 | 3551 | 0.2 | RMS | 3550.01 | -33.41 | -13 | 20.41 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3552.14 | -31.89 | -13 | 18.89 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3556.28 | -31.68 | -13 | 18.68 | Pass | 401 |

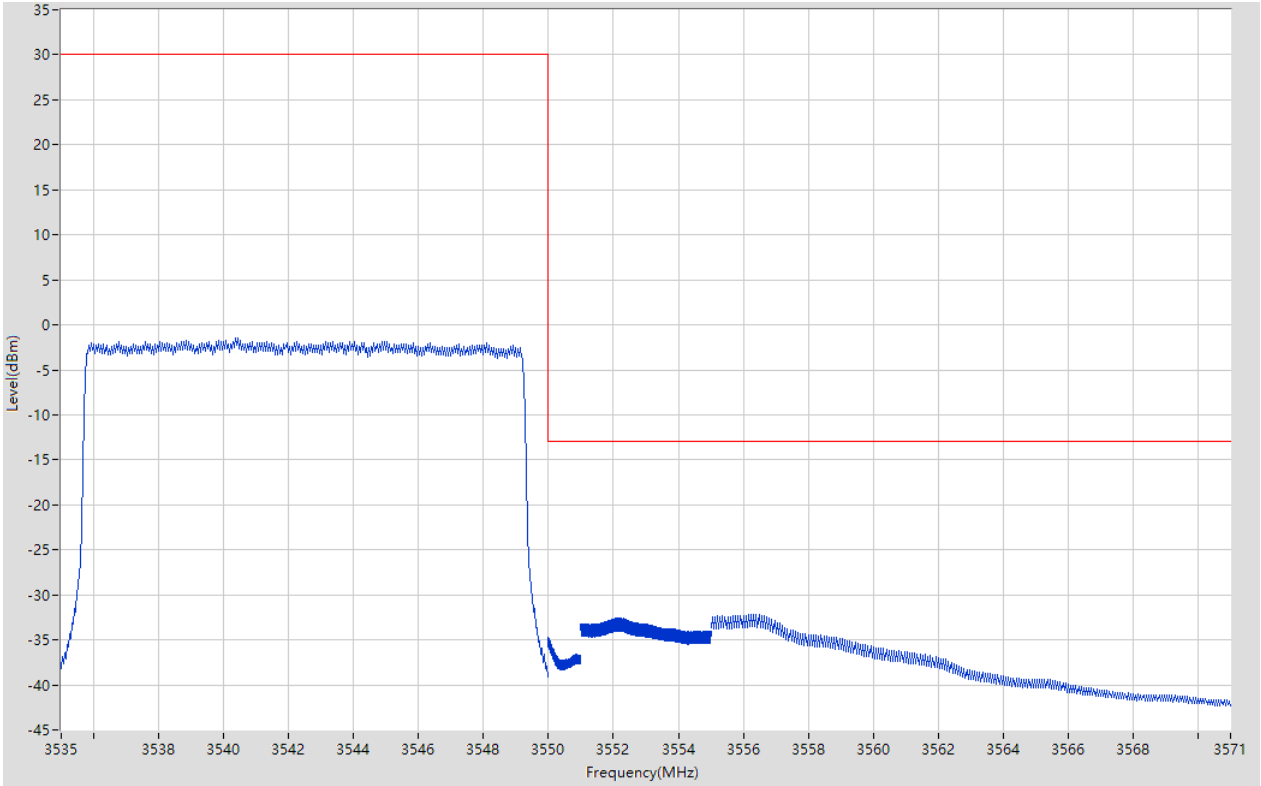
## 8.23. LTE Band Edge(NTNV)(Subtest:7, Channel:43015, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3535 | 3550 | 0.1 | RMS | 3549.138 | 17.02 | 30 | 12.98 | Pass | 401 |
| 3550 | 3551 | 0.01 | RMS | 3550 | -32.89 | -13 | 19.89 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551 | -44.12 | -13 | 31.12 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3555.84 | -40.37 | -13 | 27.37 | Pass | 401 |



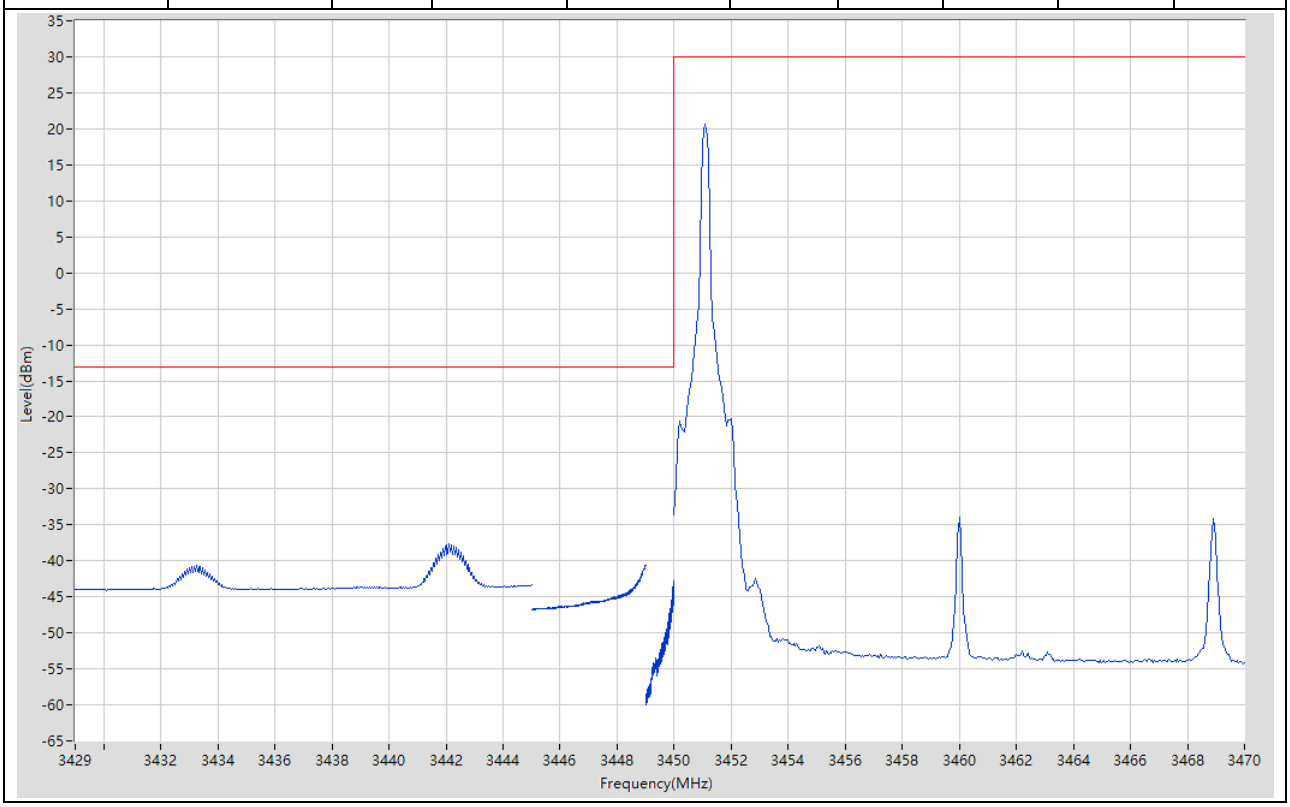
## 8.24. LTE Band Edge(NTNV)(Subtest:8, Channel:43015, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3535 | 3550 | 0.1 | RMS | 3540.438 | -1.49 | 30 | 31.49 | Pass | 401 |
| 3550 | 3551 | 0.2 | RMS | 3550.003 | -34.73 | -13 | 21.73 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3552.22 | -32.59 | -13 | 19.59 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3556.24 | -32.17 | -13 | 19.17 | Pass | 401 |



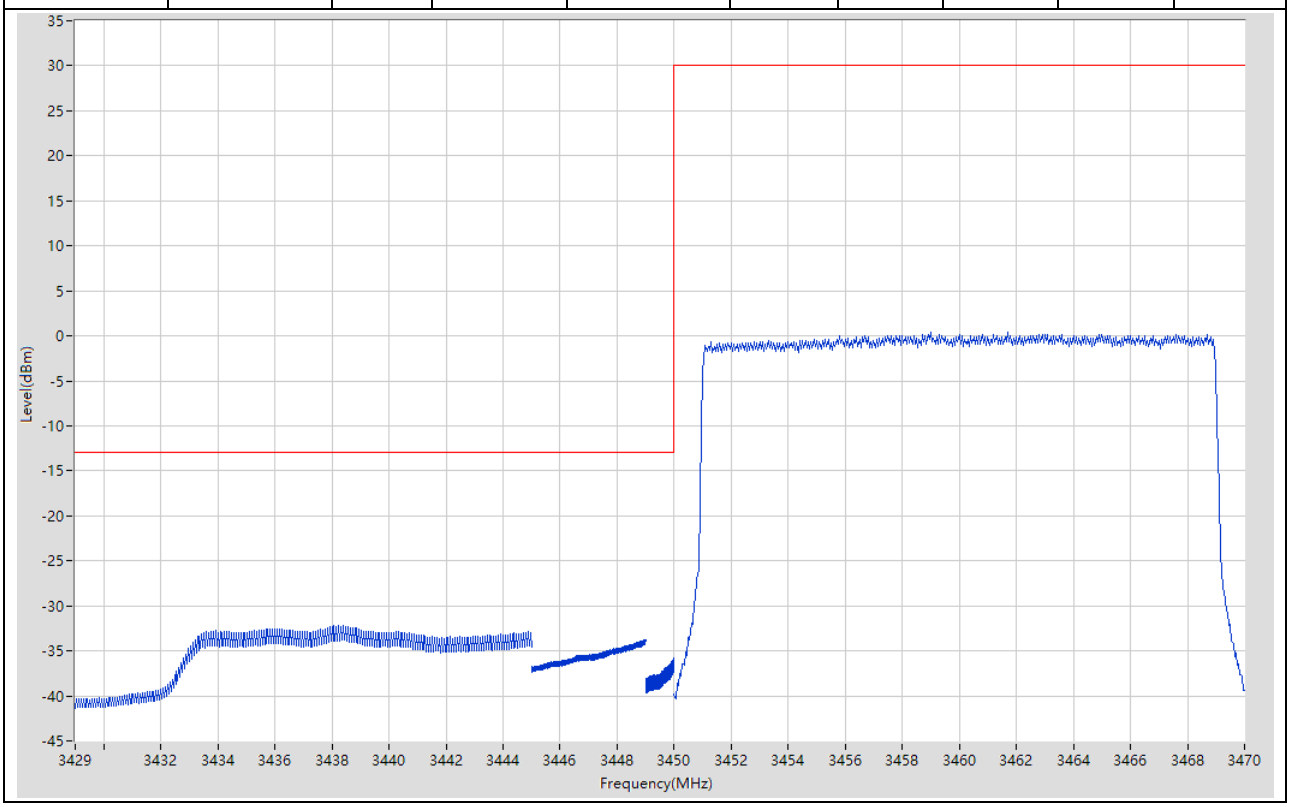
## 8.25. LTE Band Edge(NTNV)(Subtest:1, Channel:42190, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3442.12 | -37.7 | -13 | 24.7 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.97 | -40.64 | -13 | 27.64 | Pass | 401 |
| 3449 | 3450 | 0.01 | RMS | 3449.988 | -42.87 | -13 | 29.87 | Pass | 401 |
| 3450 | 3470 | 0.1 | RMS | 3451.1 | 20.7 | 30 | 9.3 | Pass | 401 |



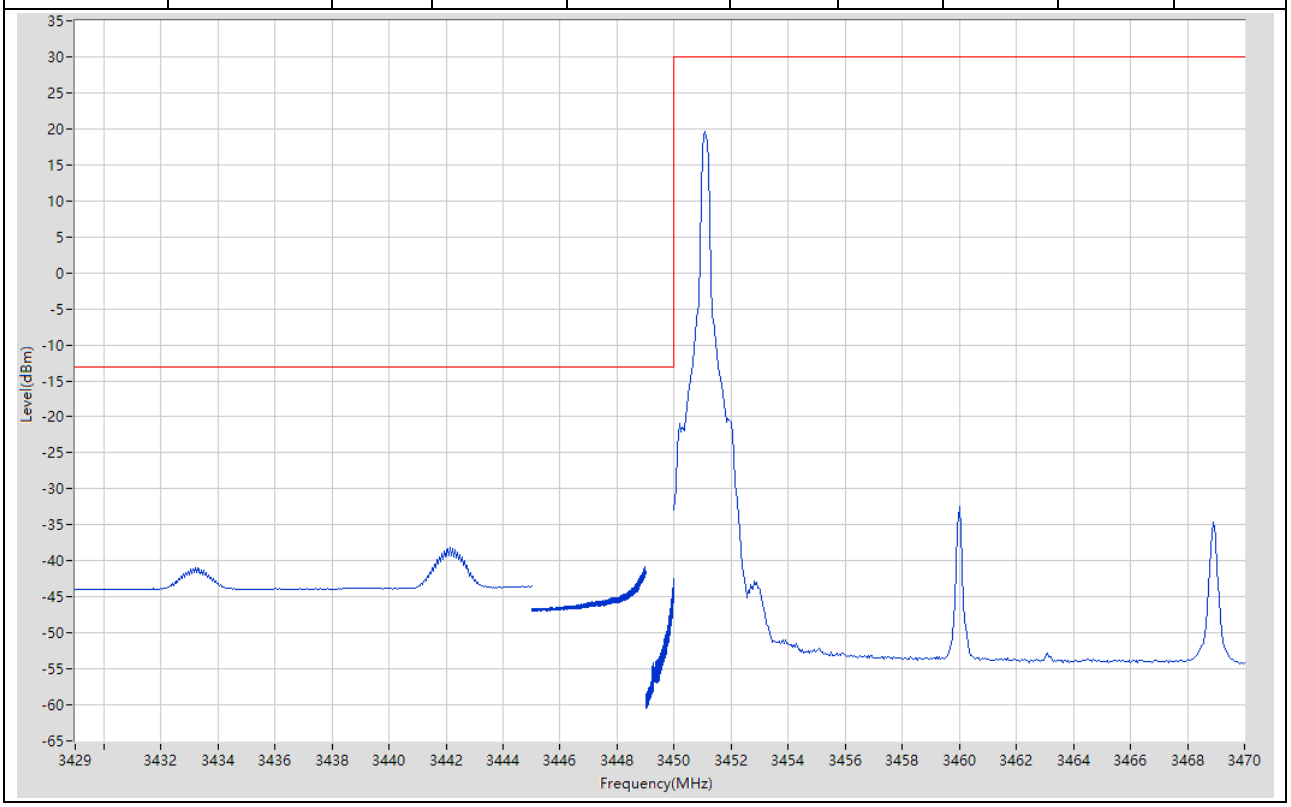
## 8.26. LTE Band Edge(NTNV)(Subtest:2, Channel:42190, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3438.4 | -32.19 | -13 | 19.19 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3449 | -33.81 | -13 | 20.81 | Pass | 401 |
| 3449 | 3450 | 0.2 | RMS | 3450 | -35.77 | -13 | 22.77 | Pass | 401 |
| 3450 | 3470 | 0.1 | RMS | 3461.7 | 0.4 | 30 | 29.6 | Pass | 401 |



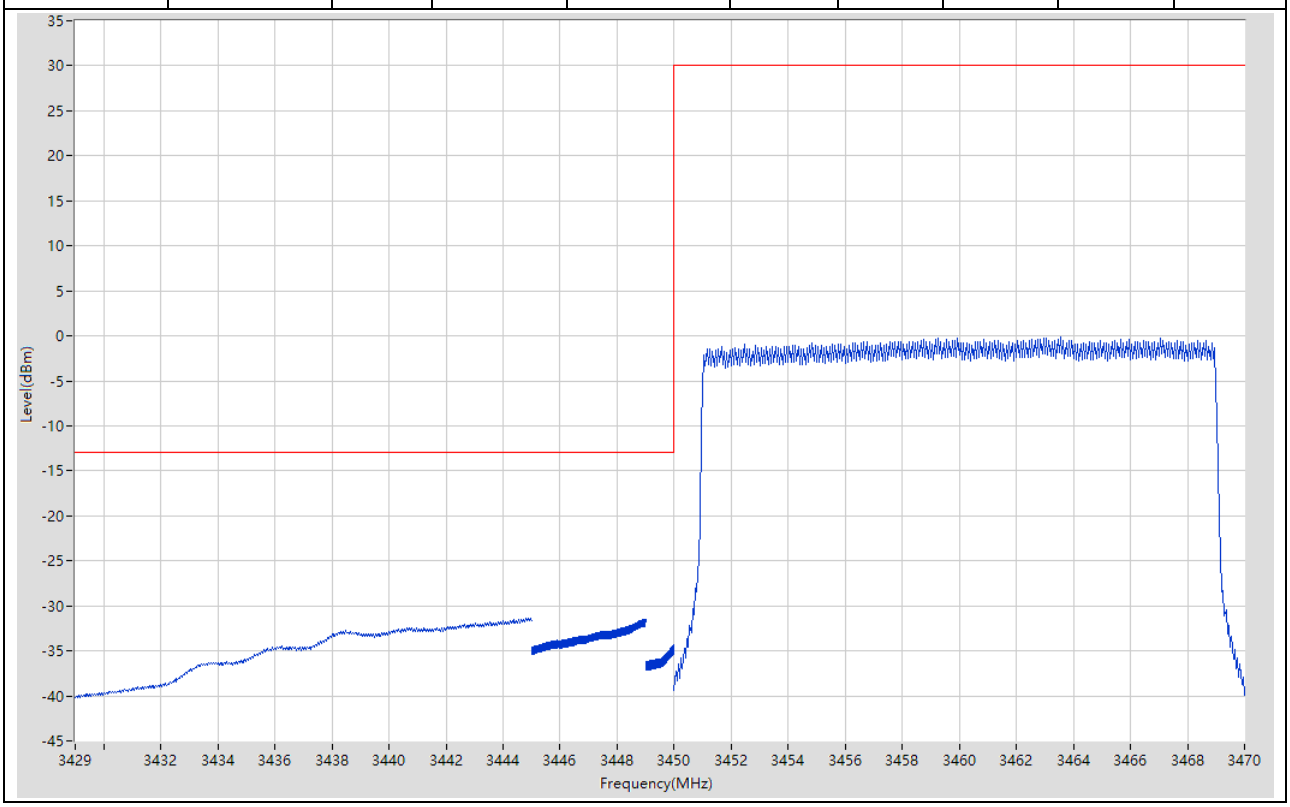
## 8.27. LTE Band Edge(NTNV)(Subtest:3, Channel:42190, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3442.16 | -38.19 | -13 | 25.19 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.97 | -40.75 | -13 | 27.75 | Pass | 401 |
| 3449 | 3450 | 0.01 | RMS | 3449.995 | -42.39 | -13 | 29.39 | Pass | 401 |
| 3450 | 3470 | 0.1 | RMS | 3451.1 | 19.72 | 30 | 10.28 | Pass | 401 |



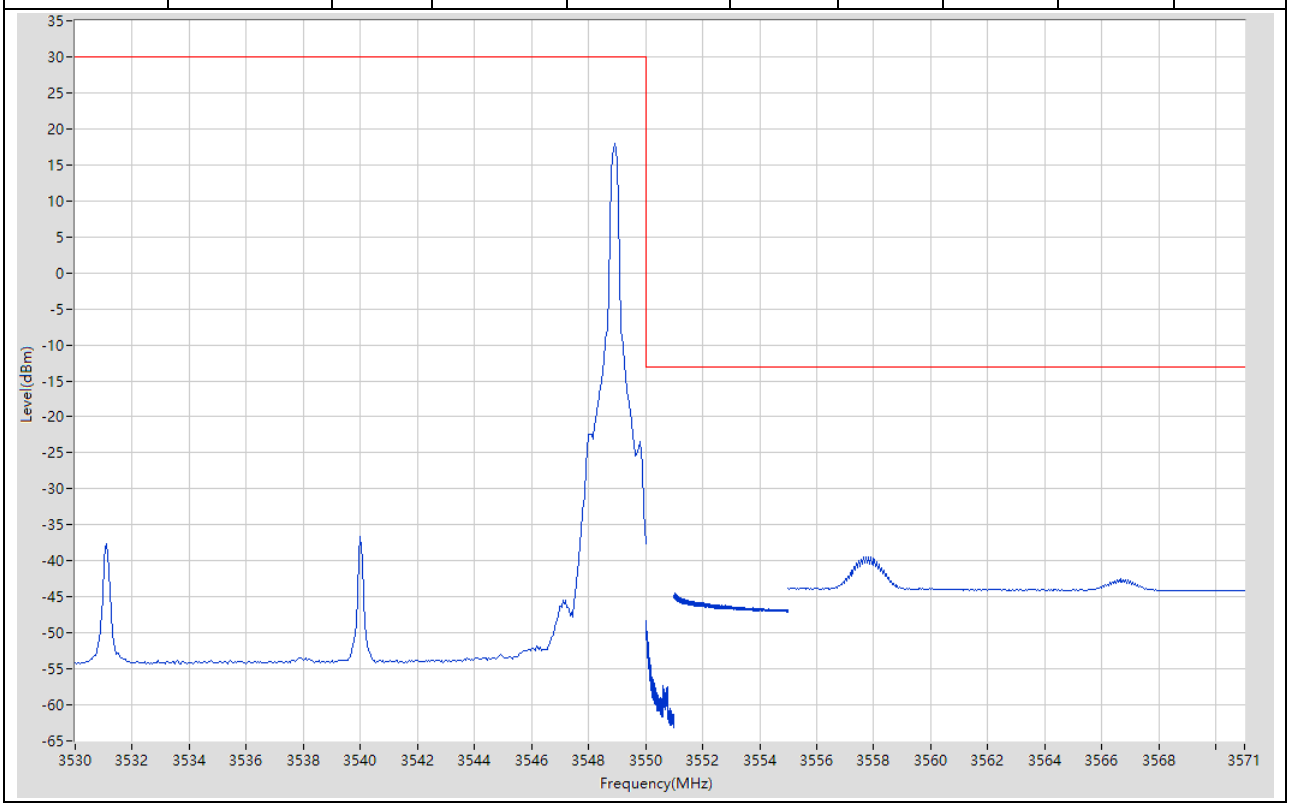
## 8.28. LTE Band Edge(NTNV)(Subtest:4, Channel:42190, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3429 | 3445 | 1 | RMS | 3444.88 | -31.36 | -13 | 18.36 | Pass | 401 |
| 3445 | 3449 | 0.51 | RMS | 3448.98 | -31.5 | -13 | 18.5 | Pass | 401 |
| 3449 | 3450 | 0.2 | RMS | 3449.998 | -34.28 | -13 | 21.28 | Pass | 401 |
| 3450 | 3470 | 0.1 | RMS | 3463.55 | -0.15 | 30 | 30.15 | Pass | 401 |



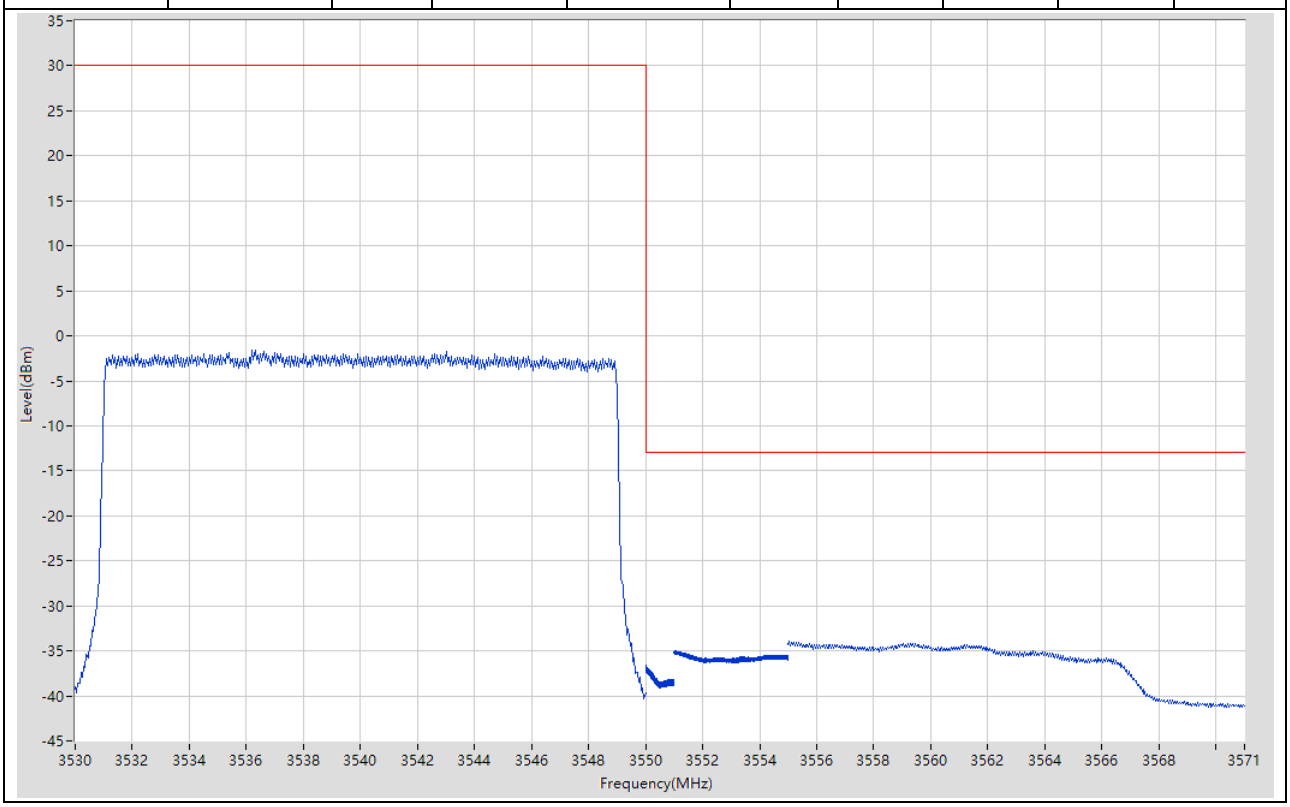
## 8.29. LTE Band Edge(NTNV)(Subtest:5, Channel:42990, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3530 | 3550 | 0.1 | RMS | 3548.9 | 17.95 | 30 | 12.05 | Pass | 401 |
| 3550 | 3551 | 0.01 | RMS | 3550.013 | -48.34 | -13 | 35.34 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551.01 | -44.44 | -13 | 31.44 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3557.88 | -39.38 | -13 | 26.38 | Pass | 401 |



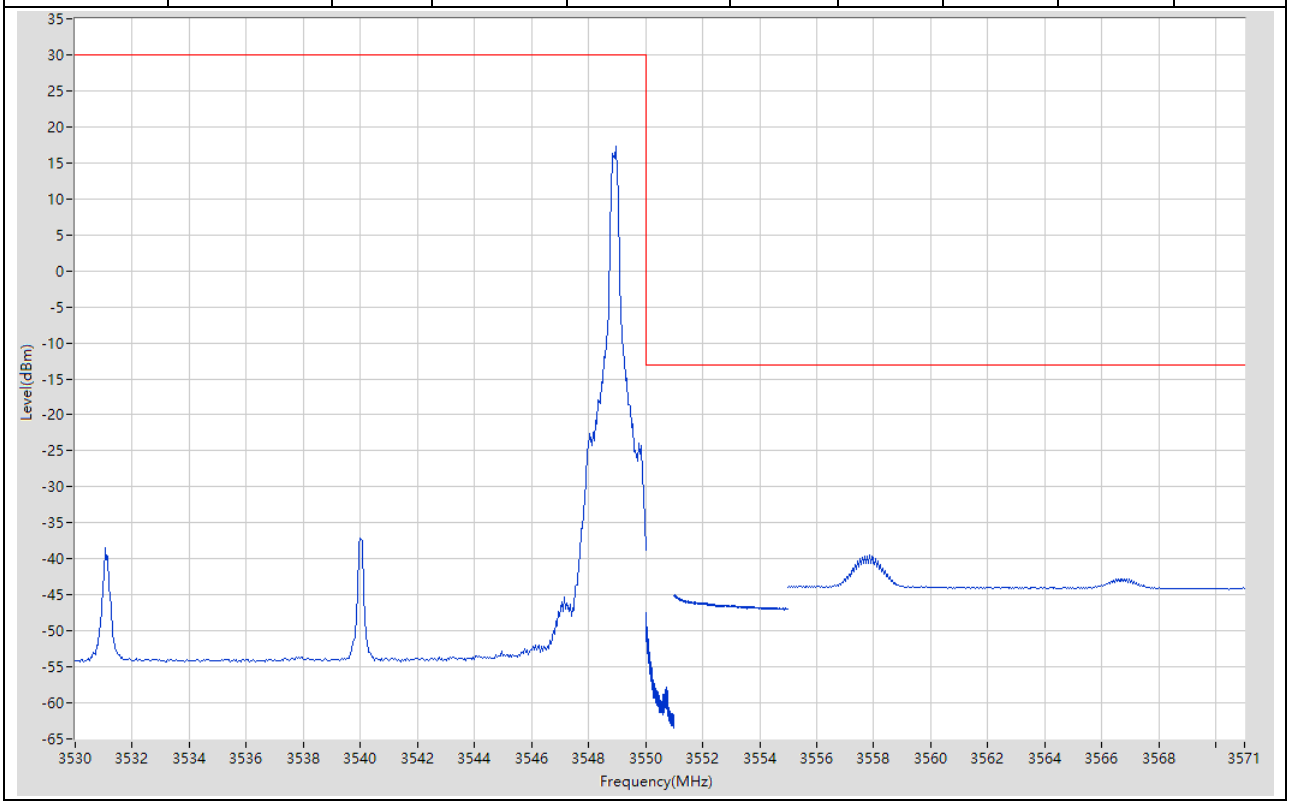
## 8.30. LTE Band Edge(NTNV)(Subtest:6, Channel:42990, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3530 | 3550 | 0.1 | RMS | 3536.3 | -1.54 | 30 | 31.54 | Pass | 401 |
| 3550 | 3551 | 0.2 | RMS | 3550.008 | -36.55 | -13 | 23.55 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551.05 | -34.98 | -13 | 21.98 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3555.04 | -33.97 | -13 | 20.97 | Pass | 401 |



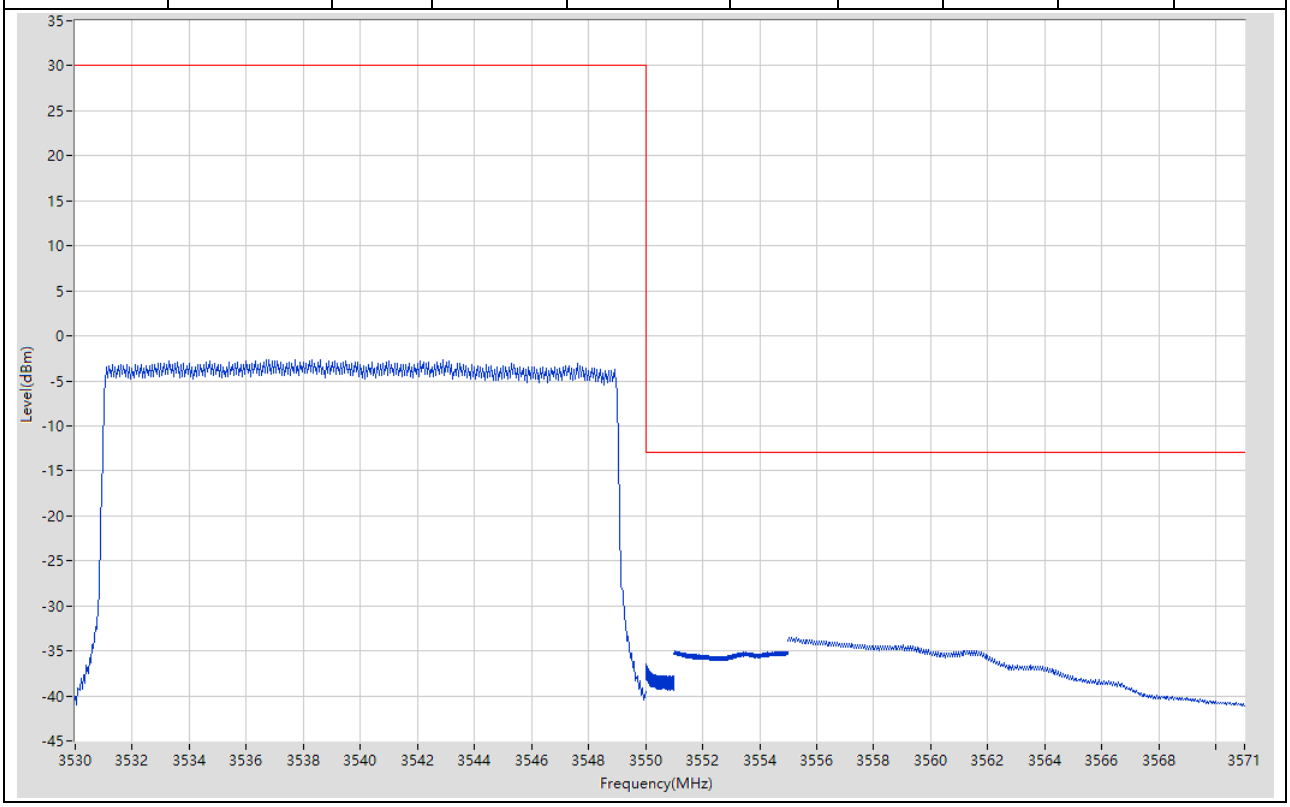
## 8.31. LTE Band Edge(NTNV)(Subtest:7, Channel:42990, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3530 | 3550 | 0.1 | RMS | 3548.95 | 17.36 | 30 | 12.64 | Pass | 401 |
| 3550 | 3551 | 0.01 | RMS | 3550 | -47.52 | -13 | 34.52 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551.01 | -45 | -13 | 32 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3557.84 | -39.51 | -13 | 26.51 | Pass | 401 |



## 8.32. LTE Band Edge(NTNV)(Subtest:8, Channel:42990, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:HIGH)

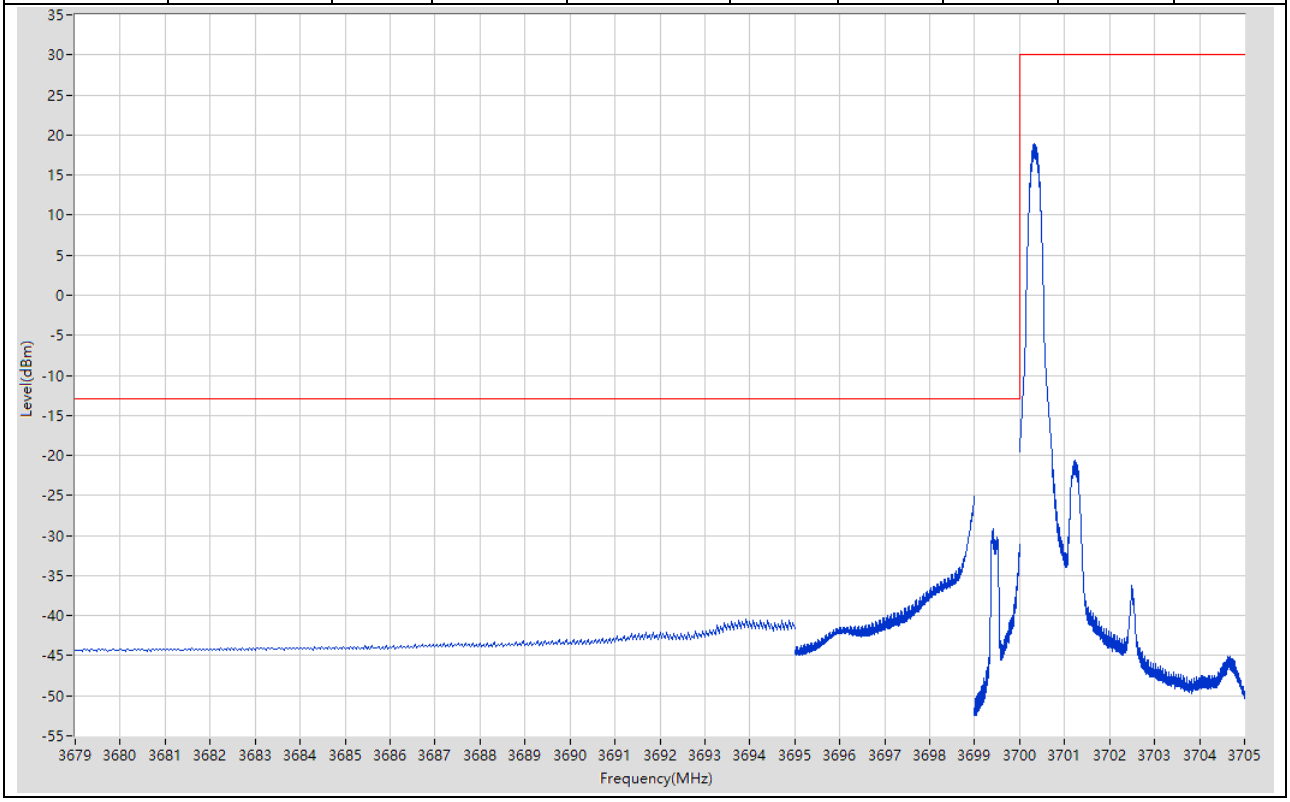
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3530 | 3550 | 0.1 | RMS | 3537.7 | -2.61 | 30 | 32.61 | Pass | 401 |
| 3550 | 3551 | 0.2 | RMS | 3550.003 | -36.45 | -13 | 23.45 | Pass | 401 |
| 3551 | 3555 | 0.51 | RMS | 3551.03 | -35.03 | -13 | 22.03 | Pass | 401 |
| 3555 | 3571 | 1 | RMS | 3555.04 | -33.56 | -13 | 20.56 | Pass | 401 |



# 9. LTE_Band43(3700-3800)

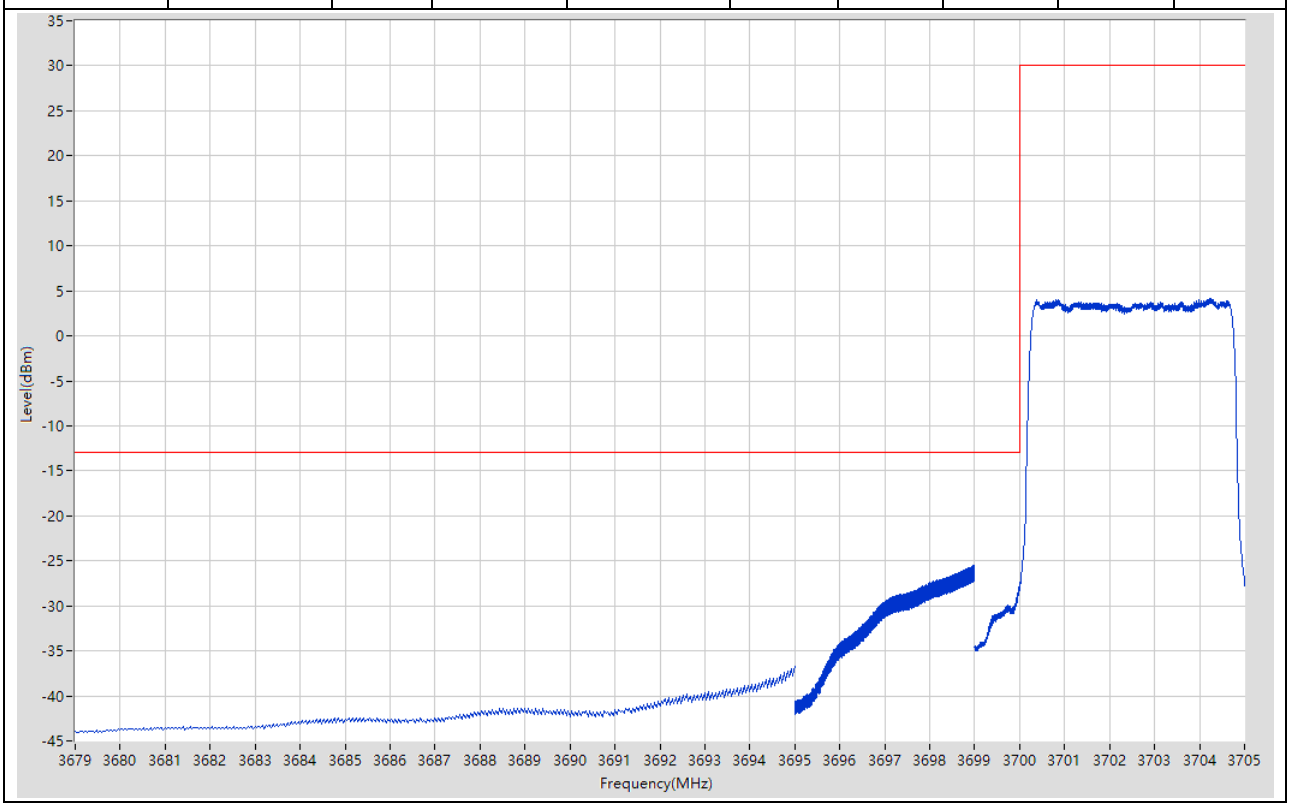
## 9.1. LTE Band Edge(NTNV)(Subtest:1, Channel:44615, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3693.92 | -40.38 | -13 | 27.38 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3699 | -25.09 | -13 | 12.09 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.408 | -29.22 | -13 | 16.22 | Pass | 401 |
| 3700 | 3705 | 0.1 | RMS | 3700.325 | 18.94 | 30 | 11.06 | Pass | 401 |



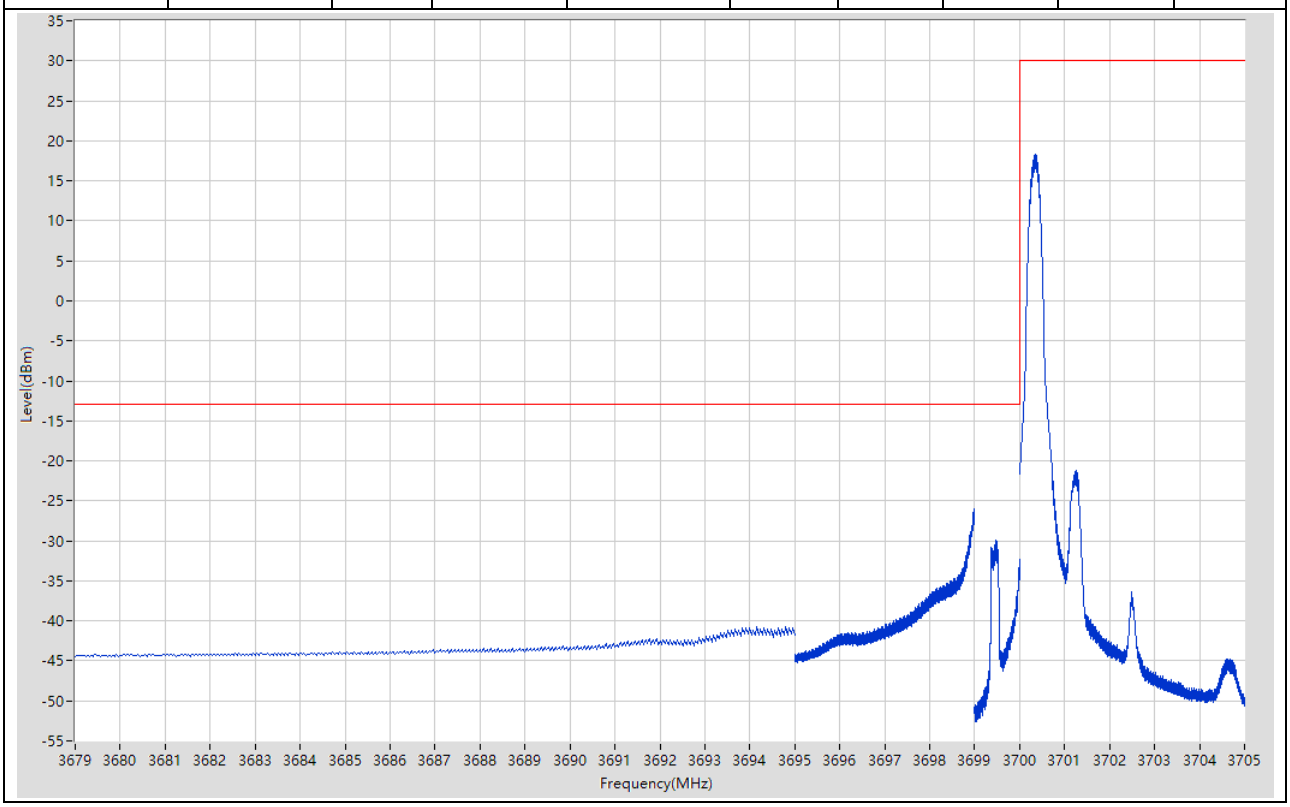
## 9.2. LTE Band Edge(NTNV)(Subtest:2, Channel:44615, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3695 | -36.71 | -13 | 23.71 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.97 | -25.51 | -13 | 12.51 | Pass | 401 |
| 3699 | 3700 | 0.1 | RMS | 3700 | -27.37 | -13 | 14.37 | Pass | 401 |
| 3700 | 3705 | 0.1 | RMS | 3704.263 | 4.21 | 30 | 25.79 | Pass | 401 |



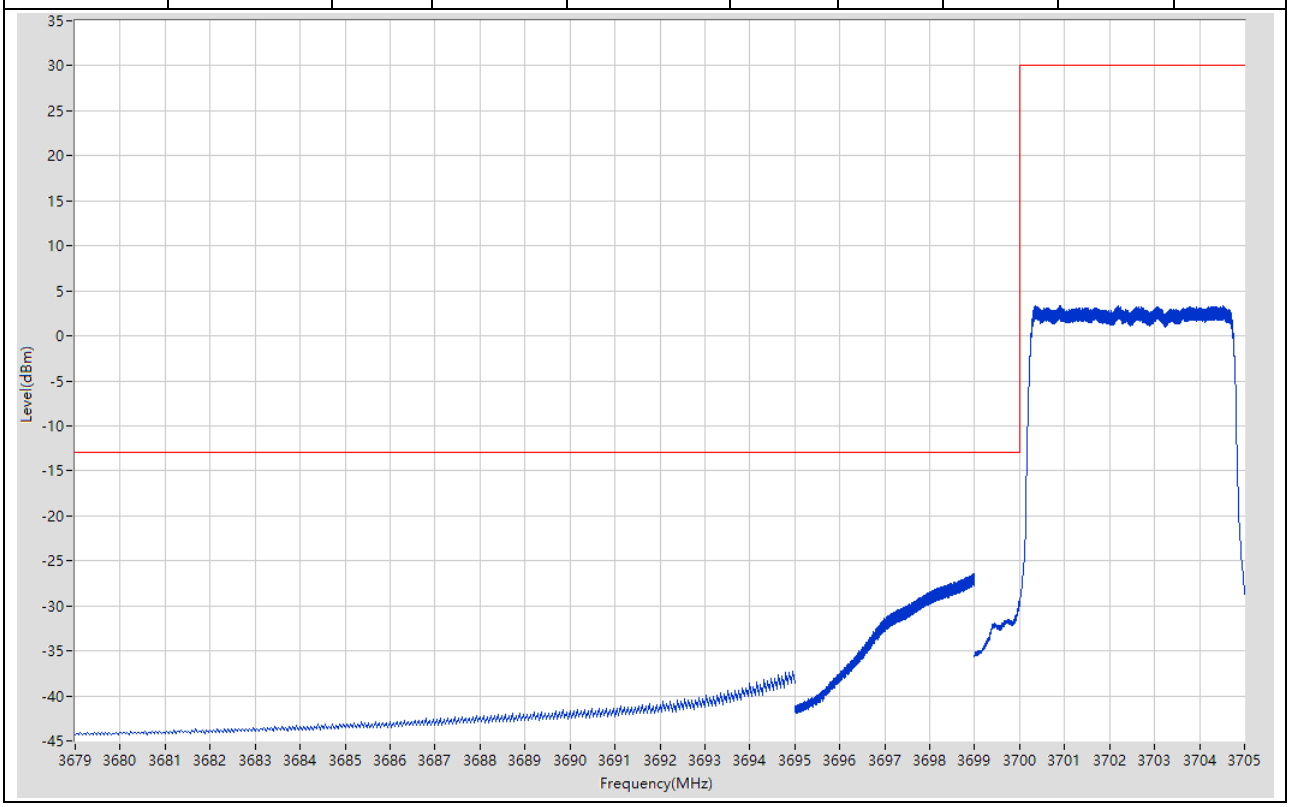
## 9.3. LTE Band Edge(NTNV)(Subtest:3, Channel:44615, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.8 | -40.78 | -13 | 27.78 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.99 | -25.99 | -13 | 12.99 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.48 | -29.84 | -13 | 16.84 | Pass | 401 |
| 3700 | 3705 | 0.1 | RMS | 3700.35 | 18.29 | 30 | 11.71 | Pass | 401 |



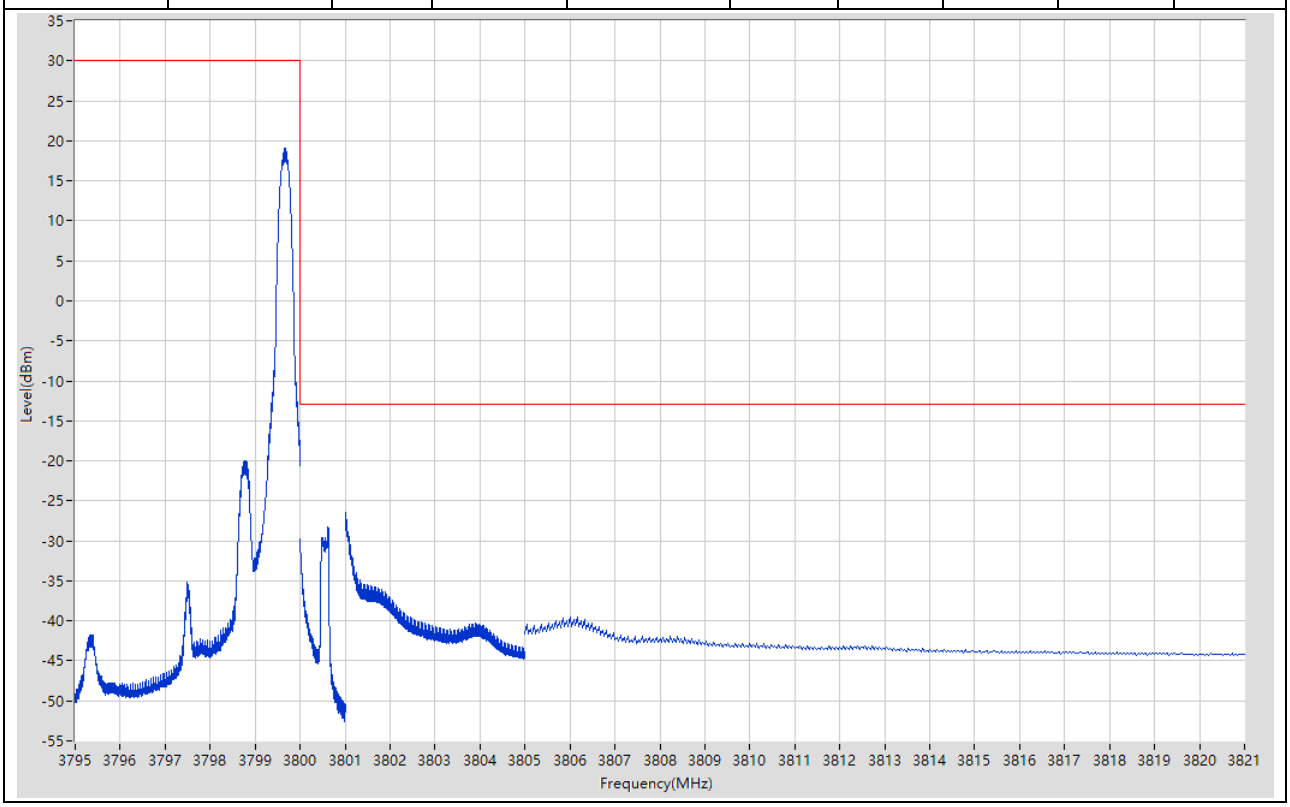
## 9.4. LTE Band Edge(NTNV)(Subtest:4, Channel:44615, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.96 | -37.21 | -13 | 24.21 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.99 | -26.46 | -13 | 13.46 | Pass | 401 |
| 3699 | 3700 | 0.1 | RMS | 3699.998 | -29.11 | -13 | 16.11 | Pass | 401 |
| 3700 | 3705 | 0.1 | RMS | 3702.2 | 3.37 | 30 | 26.63 | Pass | 401 |



## 9.5. LTE Band Edge(NTNV)(Subtest:5, Channel:45565, 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 |
|---|---|---|---|---|---|---|---|---|---|
| 3795 | 3800 | 0.1 | RMS | 3799.663 | 19.09 | 30 | 10.91 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.62 | -28.2 | -13 | 15.2 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.01 | -26.45 | -13 | 13.45 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3806 | -39.53 | -13 | 26.53 | Pass | 401 |

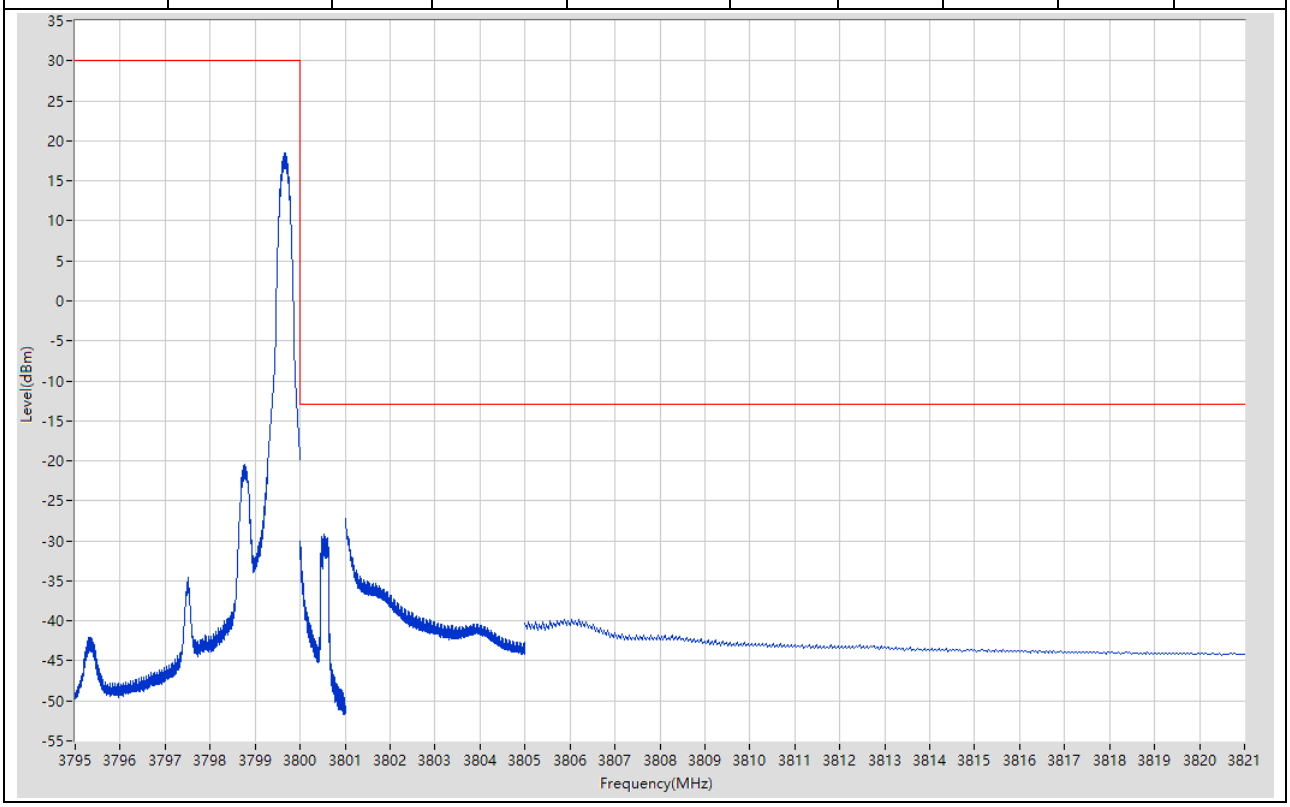


## 9.6. LTE Band Edge(NTNV)(Subtest:6, Channel:45565, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3795 | 3800 | 0.1 | RMS | 3796.313 | 4.91 | 30 | 25.09 | Pass | 401 |
| 3800 | 3801 | 0.1 | RMS | 3800 | -26.32 | -13 | 13.32 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.01 | -29.65 | -13 | 16.65 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.04 | -35.47 | -13 | 22.47 | Pass | 401 |

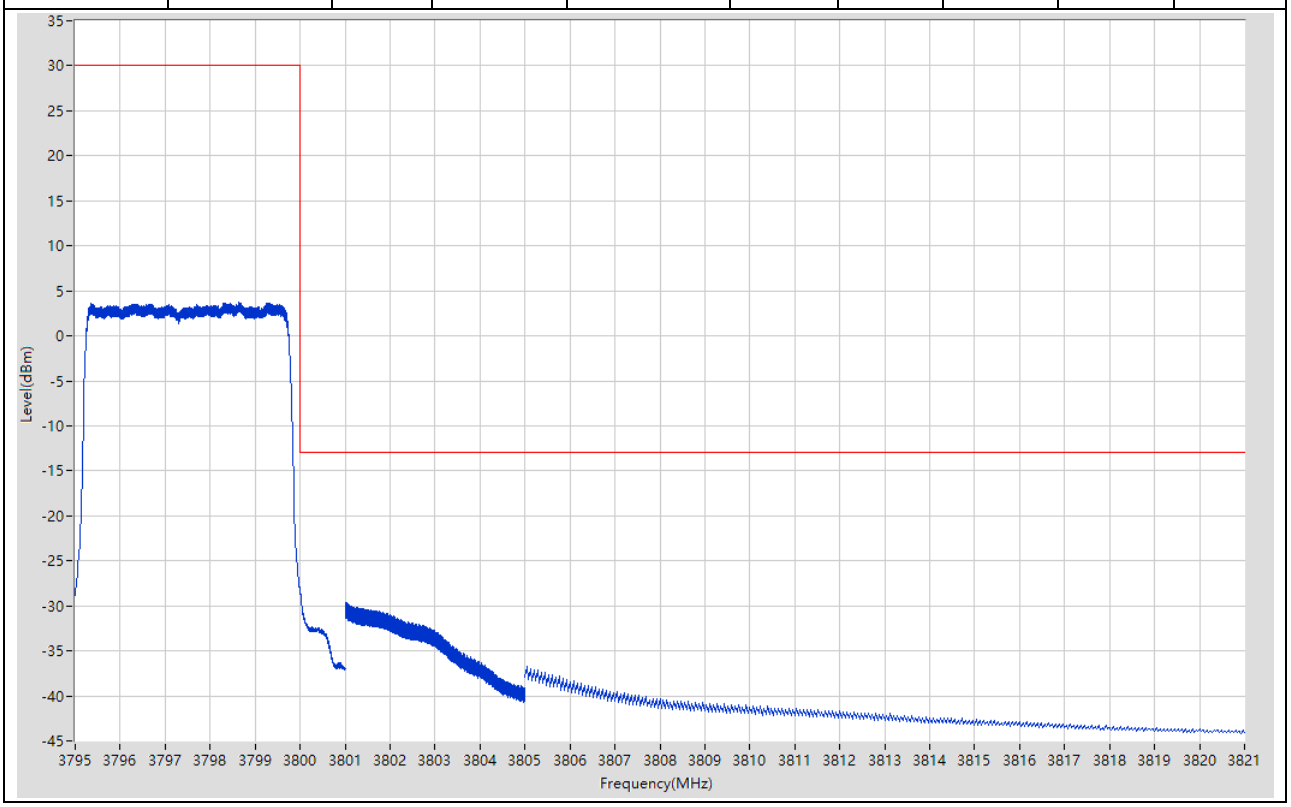
## 9.7. LTE Band Edge(NTNV)(Subtest:7, Channel:45565, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3795 | 3800 | 0.1 | RMS | 3799.675 | 18.46 | 30 | 11.54 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.538 | -29.19 | -13 | 16.19 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801 | -27.21 | -13 | 14.21 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3806.04 | -39.81 | -13 | 26.81 | Pass | 401 |



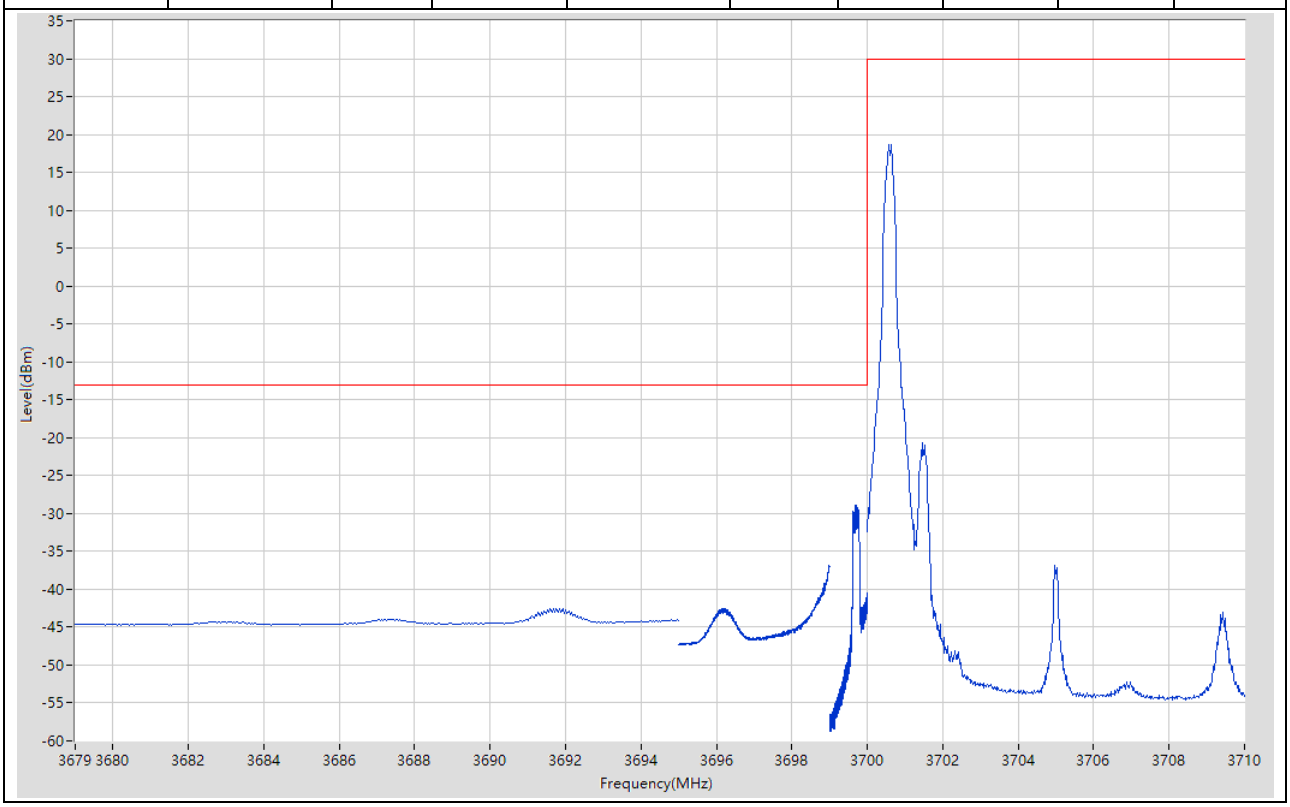
## 9.8. LTE Band Edge(NTNV)(Subtest:8, Channel:45565, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3795 | 3800 | 0.1 | RMS | 3798.625 | 3.75 | 30 | 26.25 | Pass | 401 |
| 3800 | 3801 | 0.1 | RMS | 3800 | -27.96 | -13 | 14.96 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.01 | -29.61 | -13 | 16.61 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.04 | -36.77 | -13 | 23.77 | Pass | 401 |



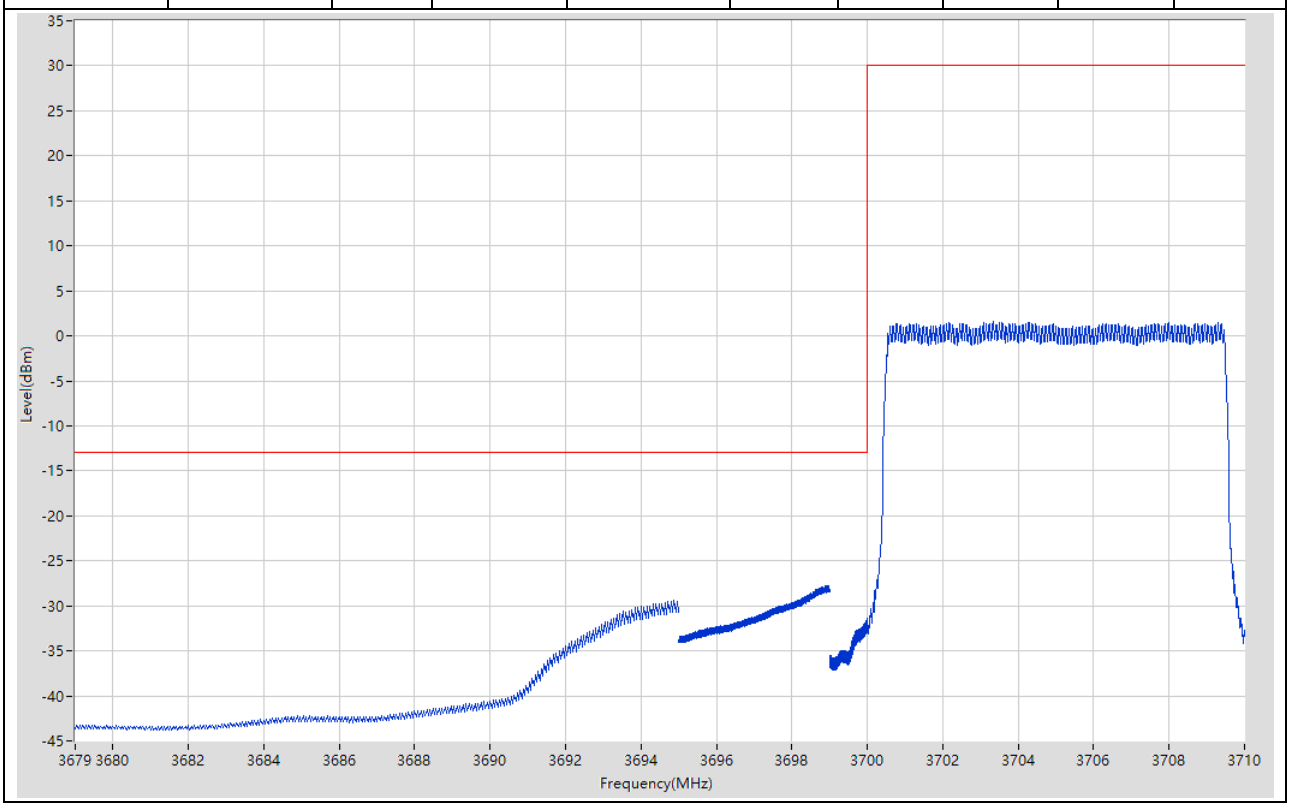
## 9.9. LTE Band Edge(NTNV)(Subtest:1, Channel:44640, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3691.68 | -42.51 | -13 | 29.51 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.98 | -36.88 | -13 | 23.88 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.698 | -28.84 | -13 | 15.84 | Pass | 401 |
| 3700 | 3710 | 0.1 | RMS | 3700.575 | 18.71 | 30 | 11.29 | Pass | 401 |



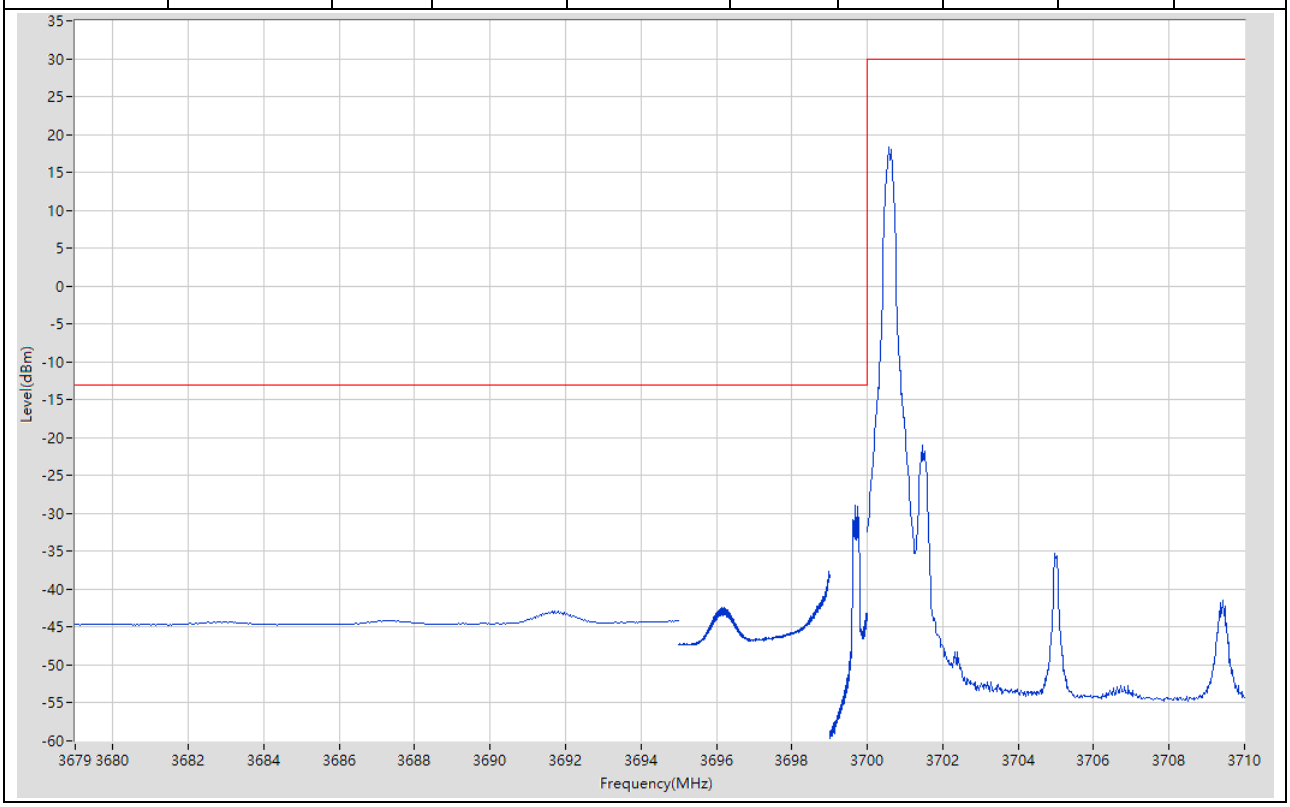
## 9.10. LTE Band Edge(NTNV)(Subtest:2, Channel:44640, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.88 | -29.32 | -13 | 16.32 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.99 | -27.73 | -13 | 14.73 | Pass | 401 |
| 3699 | 3700 | 0.1 | RMS | 3699.993 | -31.32 | -13 | 18.32 | Pass | 401 |
| 3700 | 3710 | 0.1 | RMS | 3703.35 | 1.58 | 30 | 28.42 | Pass | 401 |



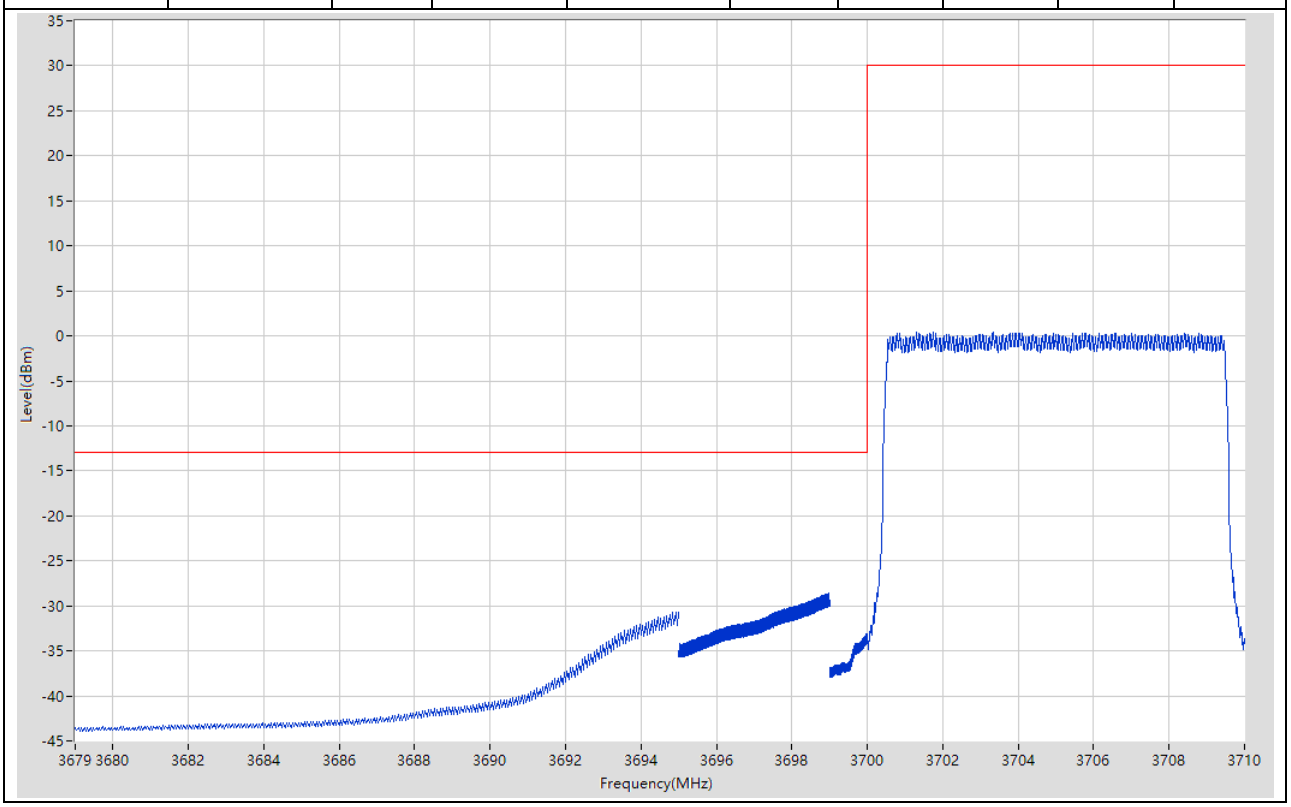
## 9.11. LTE Band Edge(NTNV)(Subtest:3, Channel:44640, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3691.72 | -42.84 | -13 | 29.84 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.99 | -37.58 | -13 | 24.58 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.67 | -28.9 | -13 | 15.9 | Pass | 401 |
| 3700 | 3710 | 0.1 | RMS | 3700.575 | 18.37 | 30 | 11.63 | Pass | 401 |



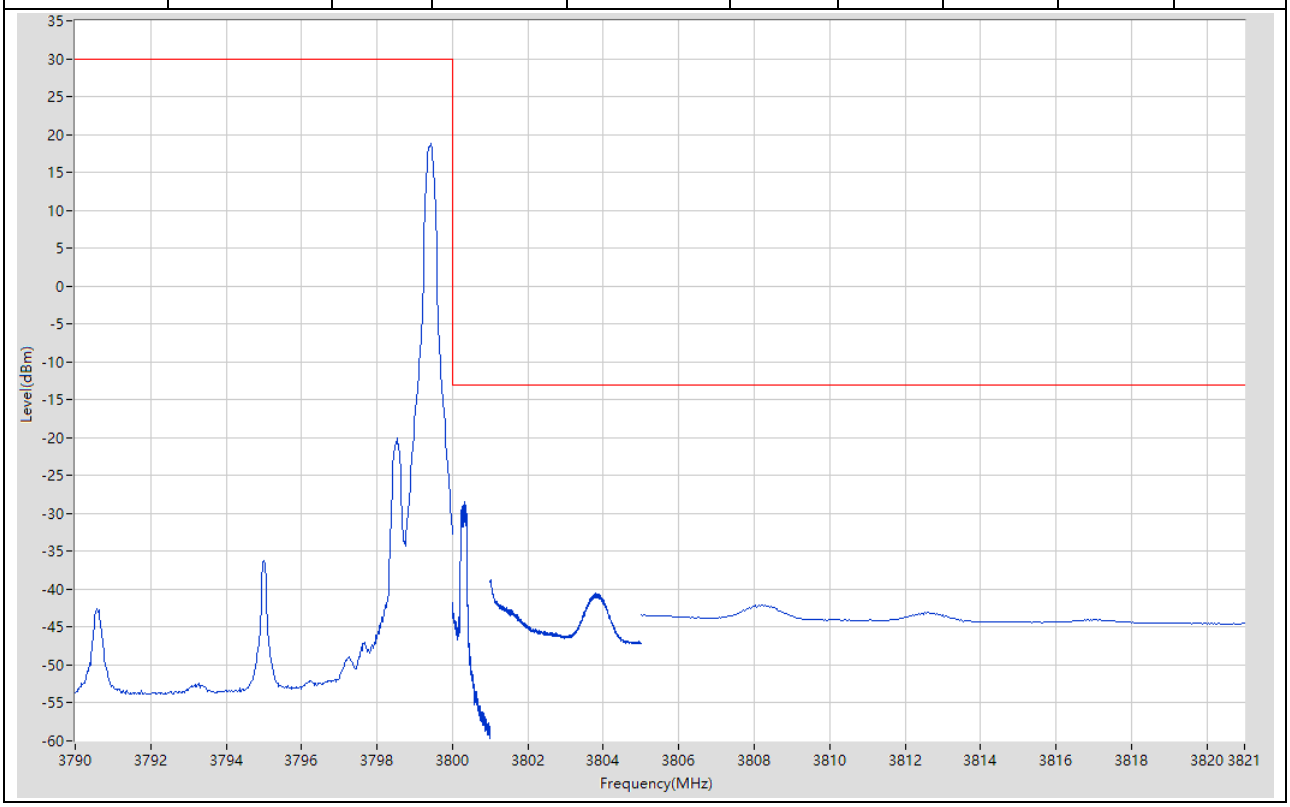
## 9.12. LTE Band Edge(NTNV)(Subtest:4, Channel:44640, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.92 | -30.7 | -13 | 17.7 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.99 | -28.59 | -13 | 15.59 | Pass | 401 |
| 3699 | 3700 | 0.1 | RMS | 3699.973 | -33.11 | -13 | 20.11 | Pass | 401 |
| 3700 | 3710 | 0.1 | RMS | 3701.75 | 0.42 | 30 | 29.58 | Pass | 401 |



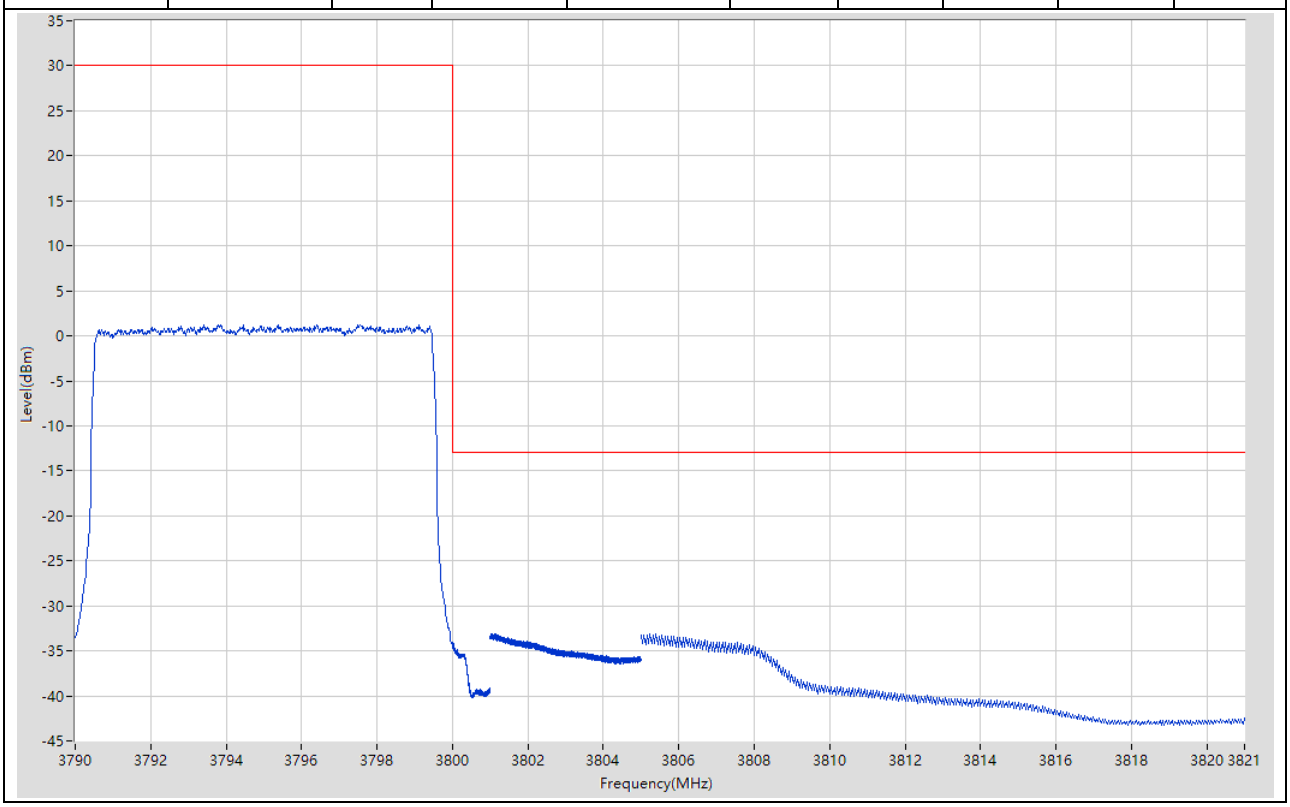
## 9.13. LTE Band Edge(NTNV)(Subtest:5, Channel:45540, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3790 | 3800 | 0.1 | RMS | 3799.425 | 18.88 | 30 | 11.12 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.323 | -28.5 | -13 | 15.5 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.01 | -38.82 | -13 | 25.82 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3808.12 | -42.03 | -13 | 29.03 | Pass | 401 |



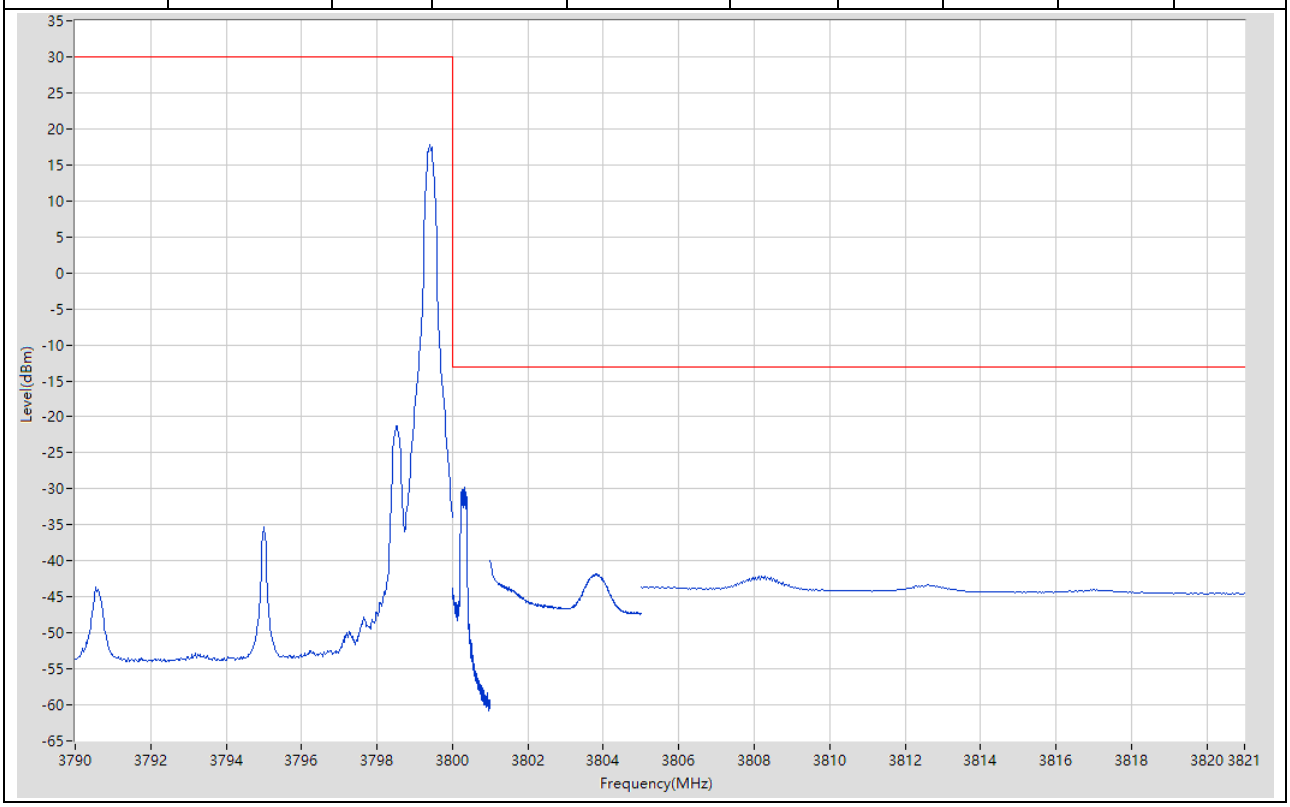
## 9.14. LTE Band Edge(NTNV)(Subtest:6, Channel:45540, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3790 | 3800 | 0.1 | RMS | 3799.1 | 1.27 | 30 | 28.73 | Pass | 401 |
| 3800 | 3801 | 0.1 | RMS | 3800.005 | -34.03 | -13 | 21.03 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.03 | -33.07 | -13 | 20.07 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.4 | -33.09 | -13 | 20.09 | Pass | 401 |



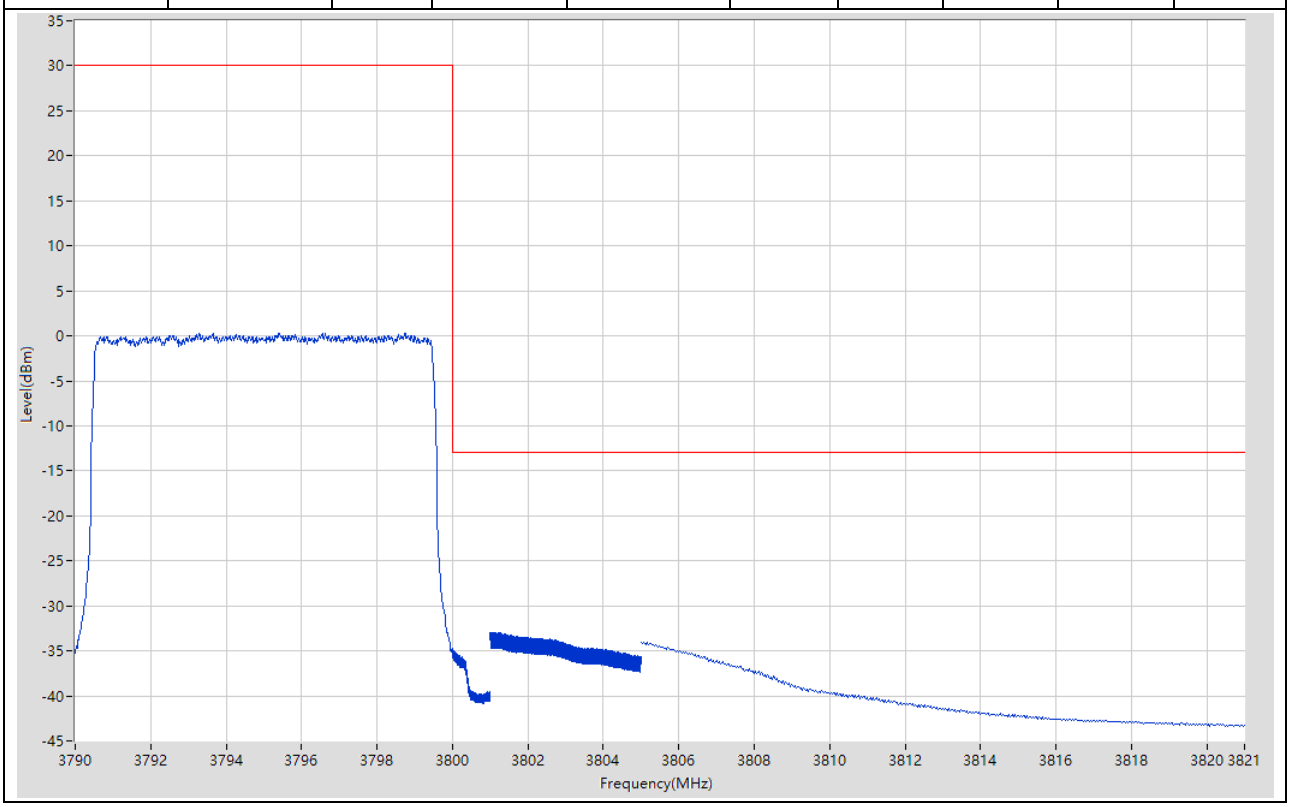
## 9.15. LTE Band Edge(NTNV)(Subtest:7, Channel:45540, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3790 | 3800 | 0.1 | RMS | 3799.4 | 17.82 | 30 | 12.18 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.323 | -29.74 | -13 | 16.74 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801 | -39.96 | -13 | 26.96 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3808.12 | -42.08 | -13 | 29.08 | Pass | 401 |



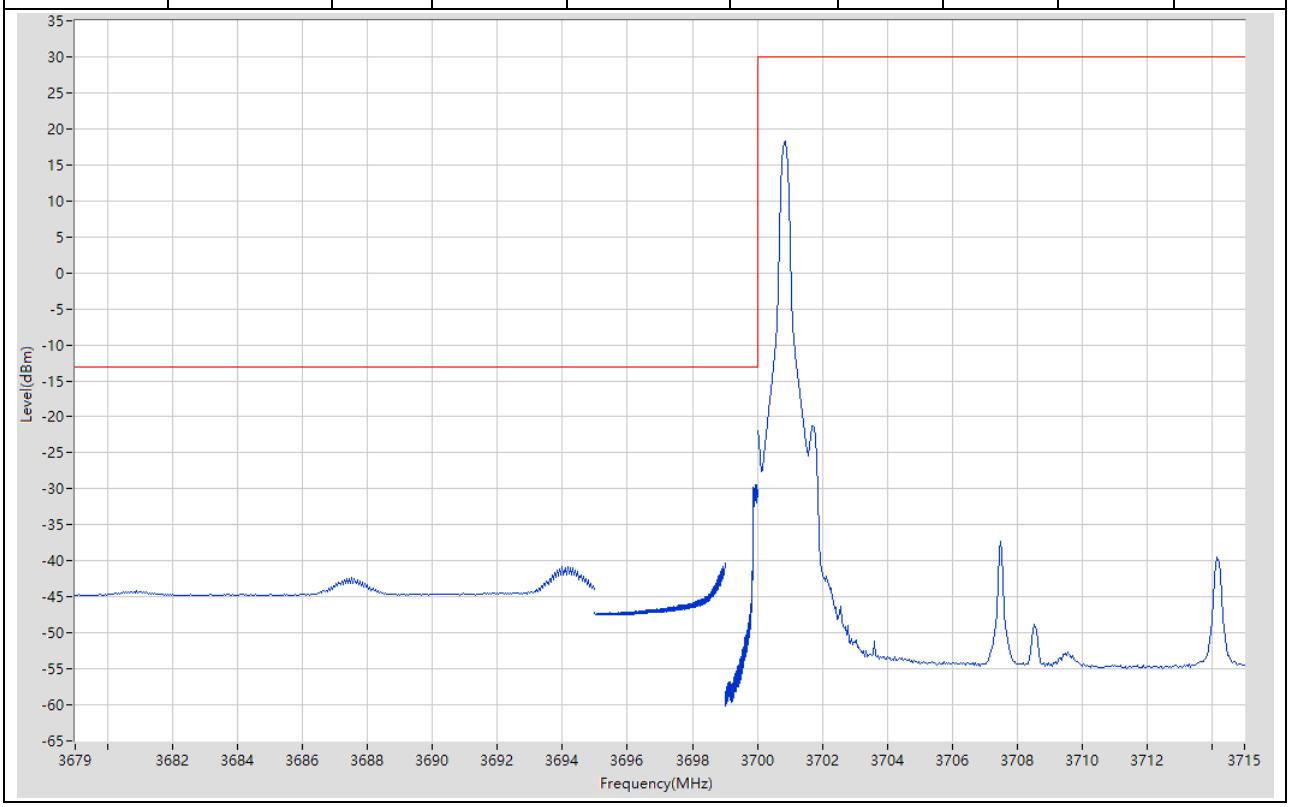
## 9.16. LTE Band Edge(NTNV)(Subtest:8, Channel:45540, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3790 | 3800 | 0.1 | RMS | 3796.625 | 0.33 | 30 | 29.67 | Pass | 401 |
| 3800 | 3801 | 0.1 | RMS | 3800 | -34.68 | -13 | 21.68 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.04 | -32.92 | -13 | 19.92 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805 | -34.02 | -13 | 21.02 | Pass | 401 |



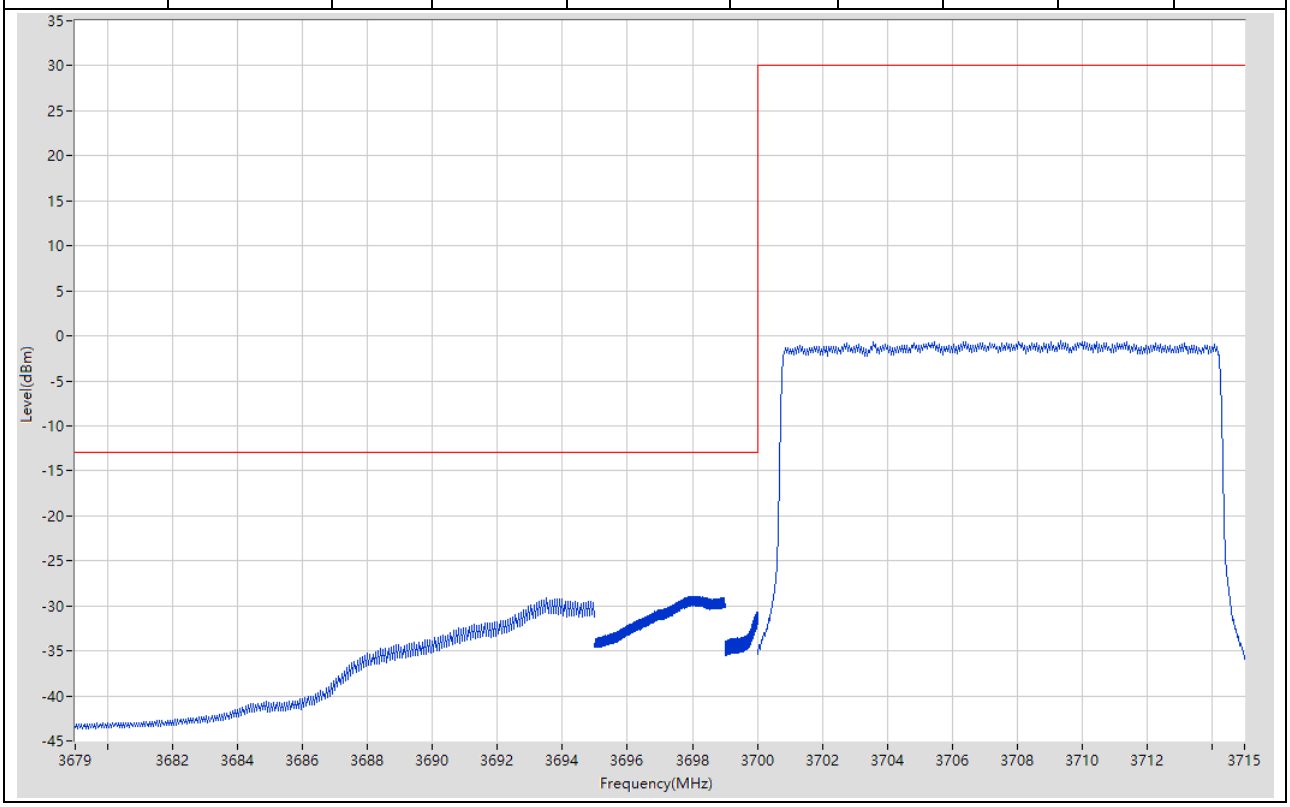
## 9.17. LTE Band Edge(NTNV)(Subtest:1, Channel:44665, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.16 | -40.83 | -13 | 27.83 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3699 | -40.24 | -13 | 27.24 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.948 | -29.39 | -13 | 16.39 | Pass | 401 |
| 3700 | 3715 | 0.1 | RMS | 3700.863 | 18.25 | 30 | 11.75 | Pass | 401 |



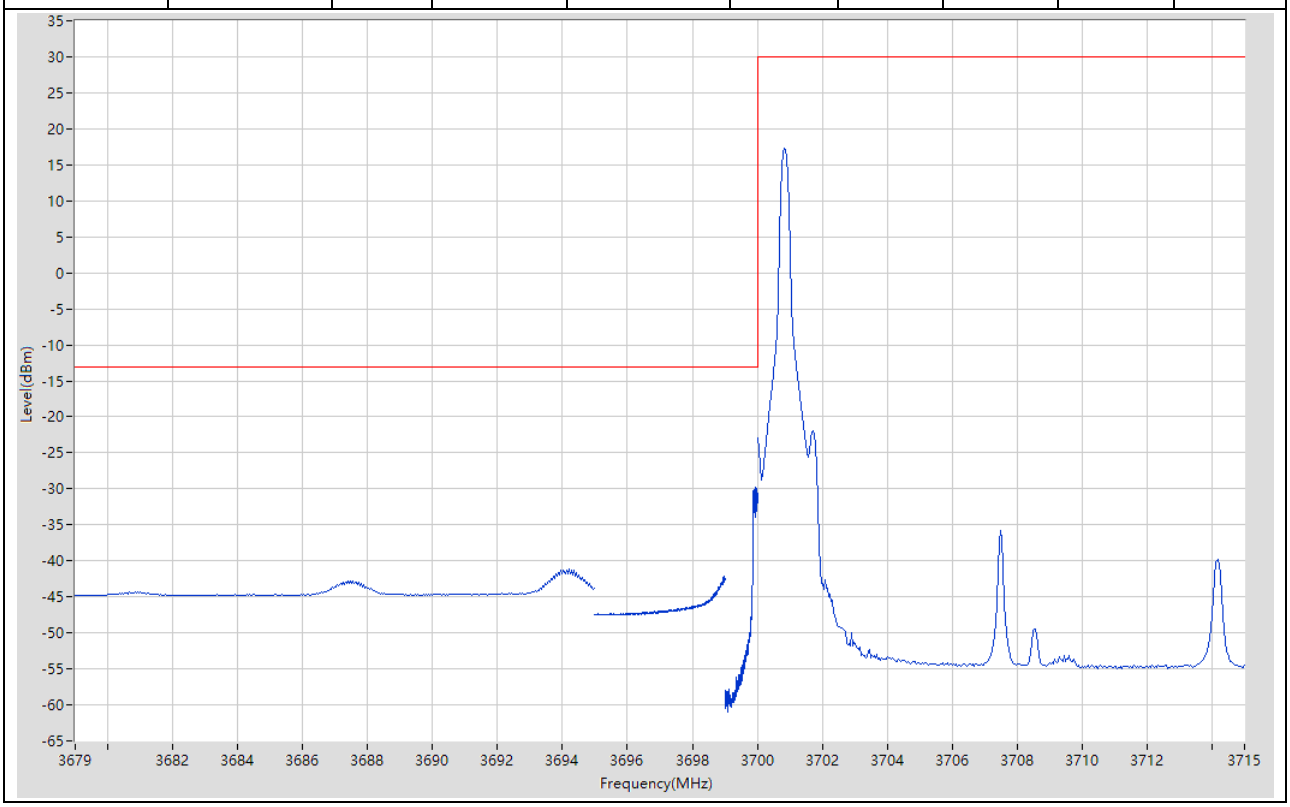
## 9.18. LTE Band Edge(NTNV)(Subtest:2, Channel:44665, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3693.52 | -29.15 | -13 | 16.15 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.03 | -28.95 | -13 | 15.95 | Pass | 401 |
| 3699 | 3700 | 0.2 | RMS | 3699.998 | -30.64 | -13 | 17.64 | Pass | 401 |
| 3700 | 3715 | 0.1 | RMS | 3709.338 | -0.56 | 30 | 30.56 | Pass | 401 |



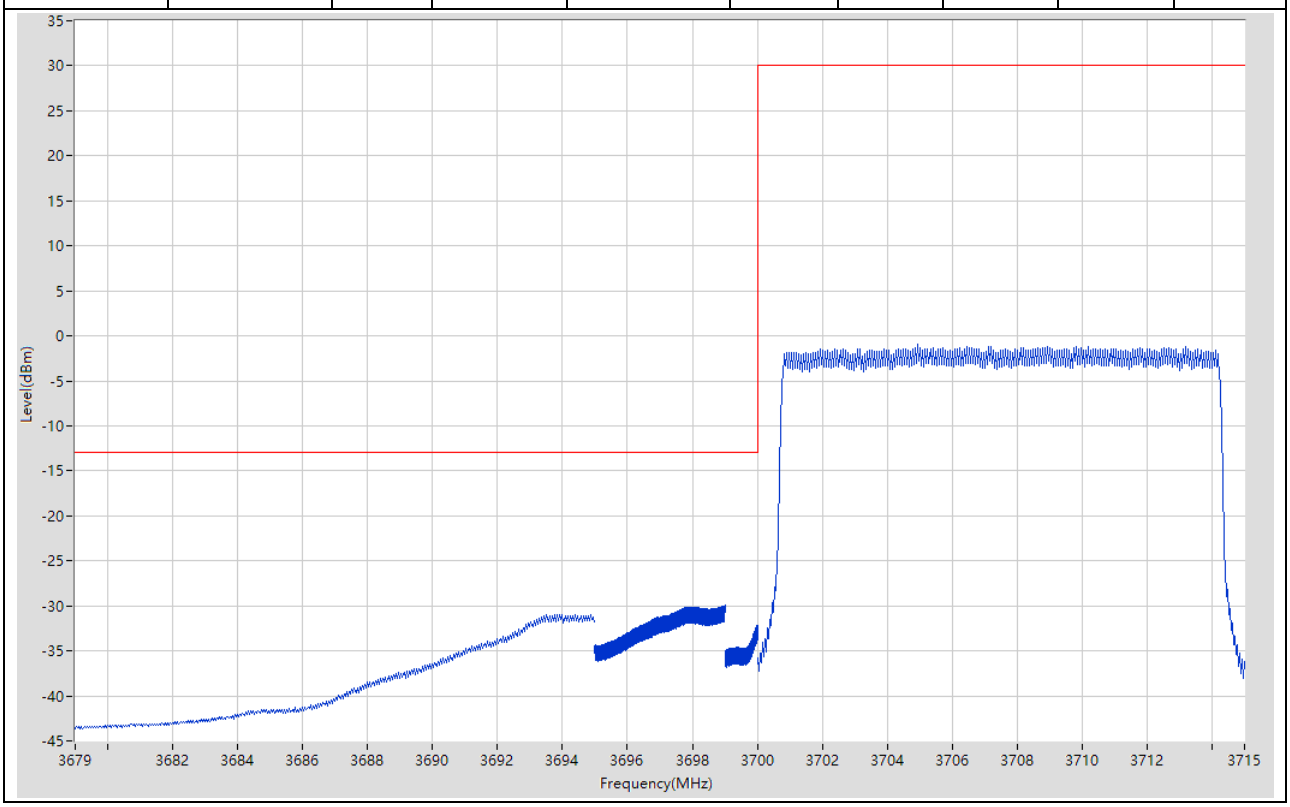
## 9.19. LTE Band Edge(NTNV)(Subtest:3, Channel:44665, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.2 | -41.19 | -13 | 28.19 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.97 | -42.09 | -13 | 29.09 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.94 | -29.74 | -13 | 16.74 | Pass | 401 |
| 3700 | 3715 | 0.1 | RMS | 3700.825 | 17.31 | 30 | 12.69 | Pass | 401 |



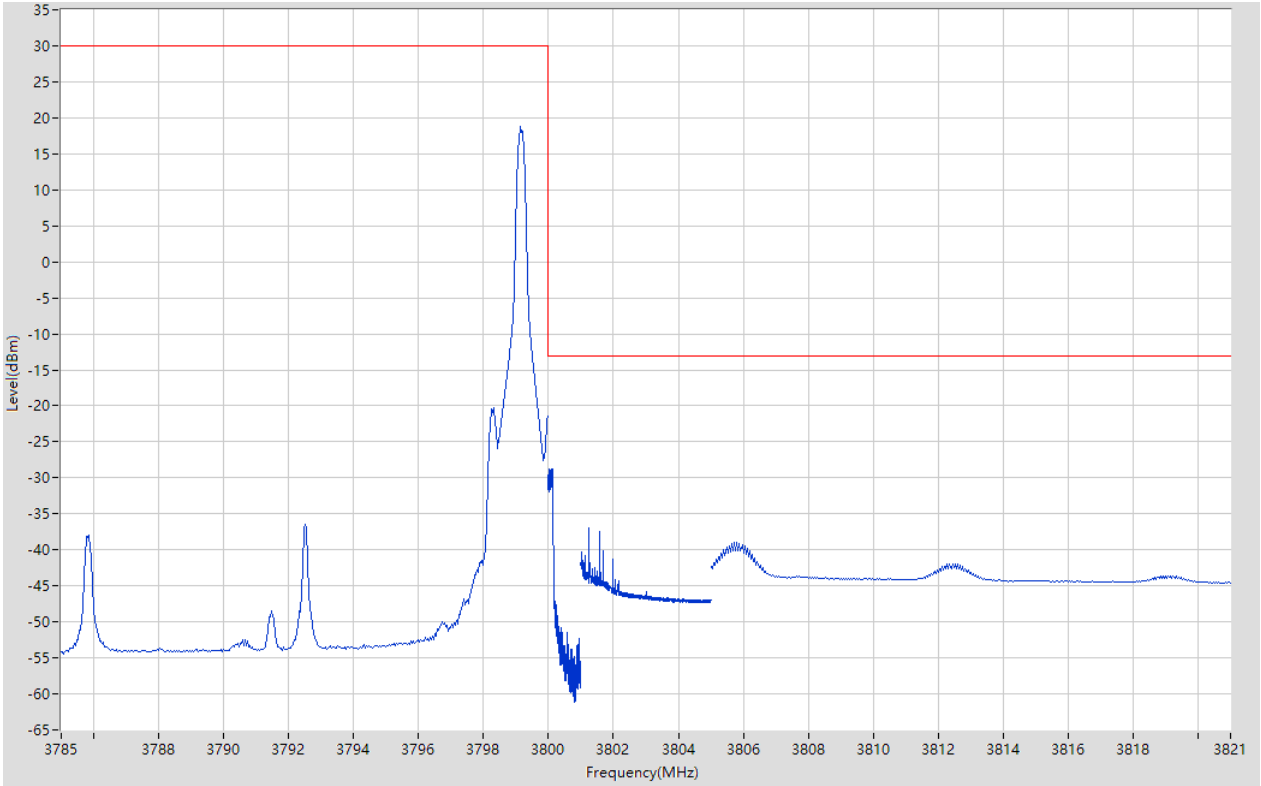
## 9.20. LTE Band Edge(NTNV)(Subtest:4, Channel:44665, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3693.92 | -30.94 | -13 | 17.94 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3699 | -29.96 | -13 | 16.96 | Pass | 401 |
| 3699 | 3700 | 0.2 | RMS | 3699.995 | -32.13 | -13 | 19.13 | Pass | 401 |
| 3700 | 3715 | 0.1 | RMS | 3704.95 | -0.98 | 30 | 30.98 | Pass | 401 |



## 9.21. LTE Band Edge(NTNV)(Subtest:5, Channel:45515, 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 |
|---|---|---|---|---|---|---|---|---|---|
| 3785 | 3800 | 0.1 | RMS | 3799.138 | 18.85 | 30 | 11.15 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.078 | -28.7 | -13 | 15.7 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.25 | -36.9 | -13 | 23.9 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.8 | -38.92 | -13 | 25.92 | Pass | 401 |

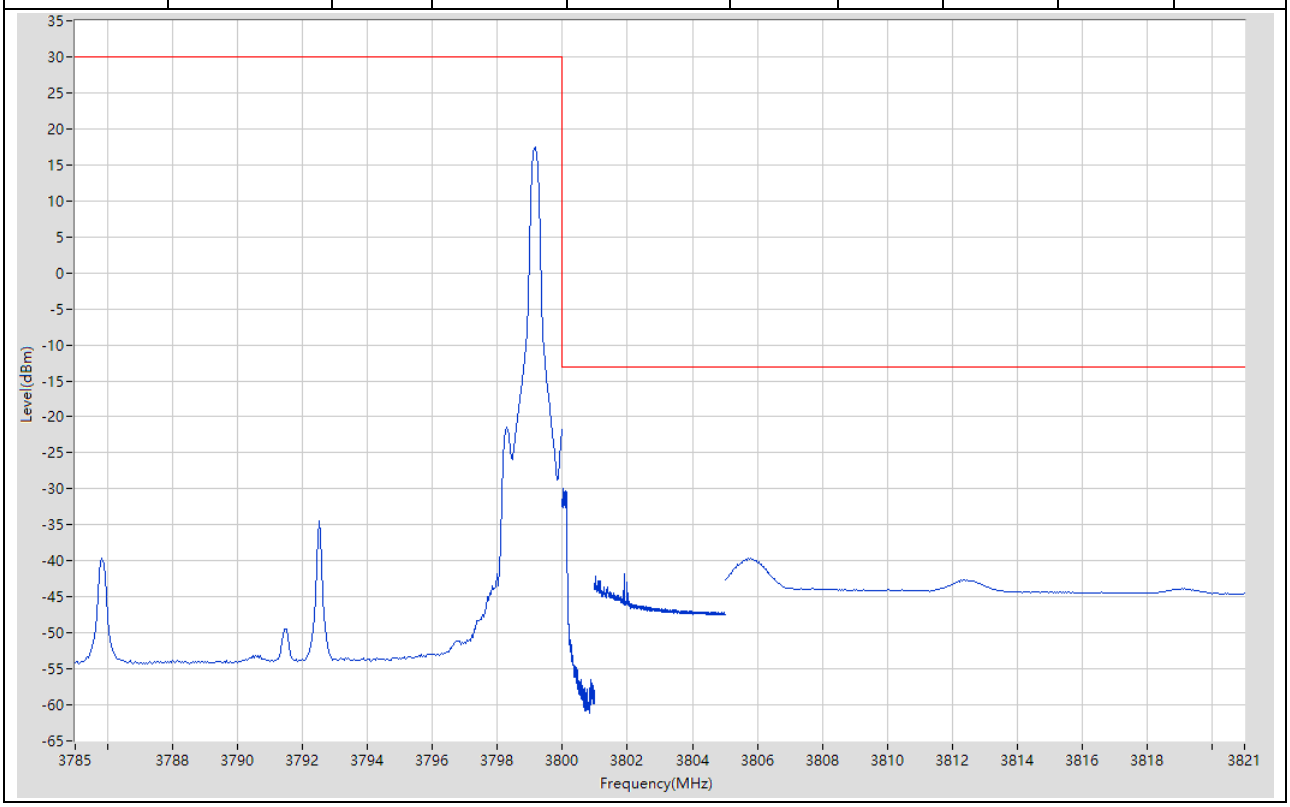


## 9.22. LTE Band Edge(NTNV)(Subtest:6, Channel:45515, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3785 | 3800 | 0.1 | RMS | 3793.588 | -0.11 | 30 | 30.11 | Pass | 401 |
| 3800 | 3801 | 0.2 | RMS | 3800.003 | -32.52 | -13 | 19.52 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.89 | -32.61 | -13 | 19.61 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3806.4 | -33.1 | -13 | 20.1 | Pass | 401 |

## 9.23. LTE Band Edge(NTNV)(Subtest:7, Channel:45515, 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 |
|---|---|---|---|---|---|---|---|---|---|
| 3785 | 3800 | 0.1 | RMS | 3799.175 | 17.51 | 30 | 12.49 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.03 | -29.99 | -13 | 16.99 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.91 | -41.8 | -13 | 28.8 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.8 | -39.59 | -13 | 26.59 | Pass | 401 |

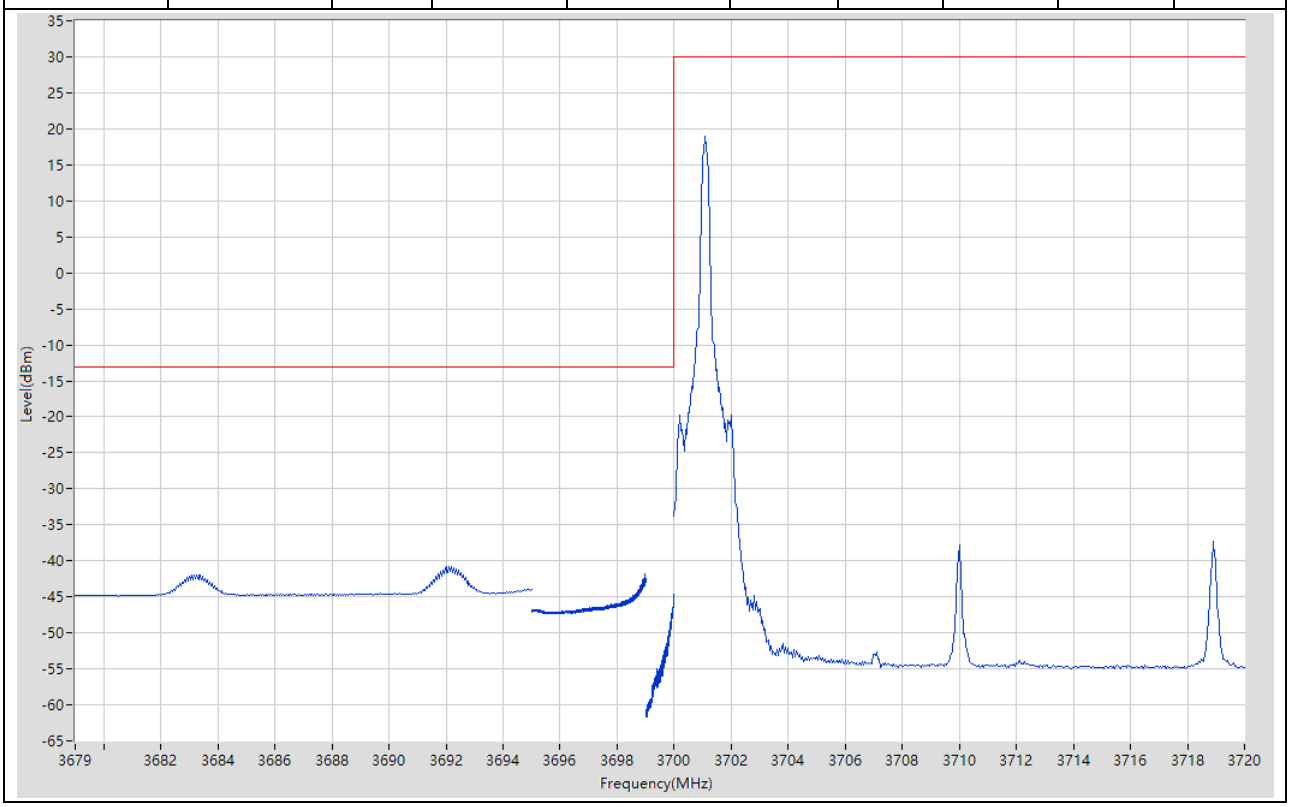


## 9.24. LTE Band Edge(NTNV)(Subtest:8, Channel:45515, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3785 | 3800 | 0.1 | RMS | 3790.438 | -1.2 | 30 | 31.2 | Pass | 401 |
| 3800 | 3801 | 0.2 | RMS | 3800.005 | -33.51 | -13 | 20.51 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3802.16 | -34.05 | -13 | 21.05 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.16 | -34.72 | -13 | 21.72 | Pass | 401 |

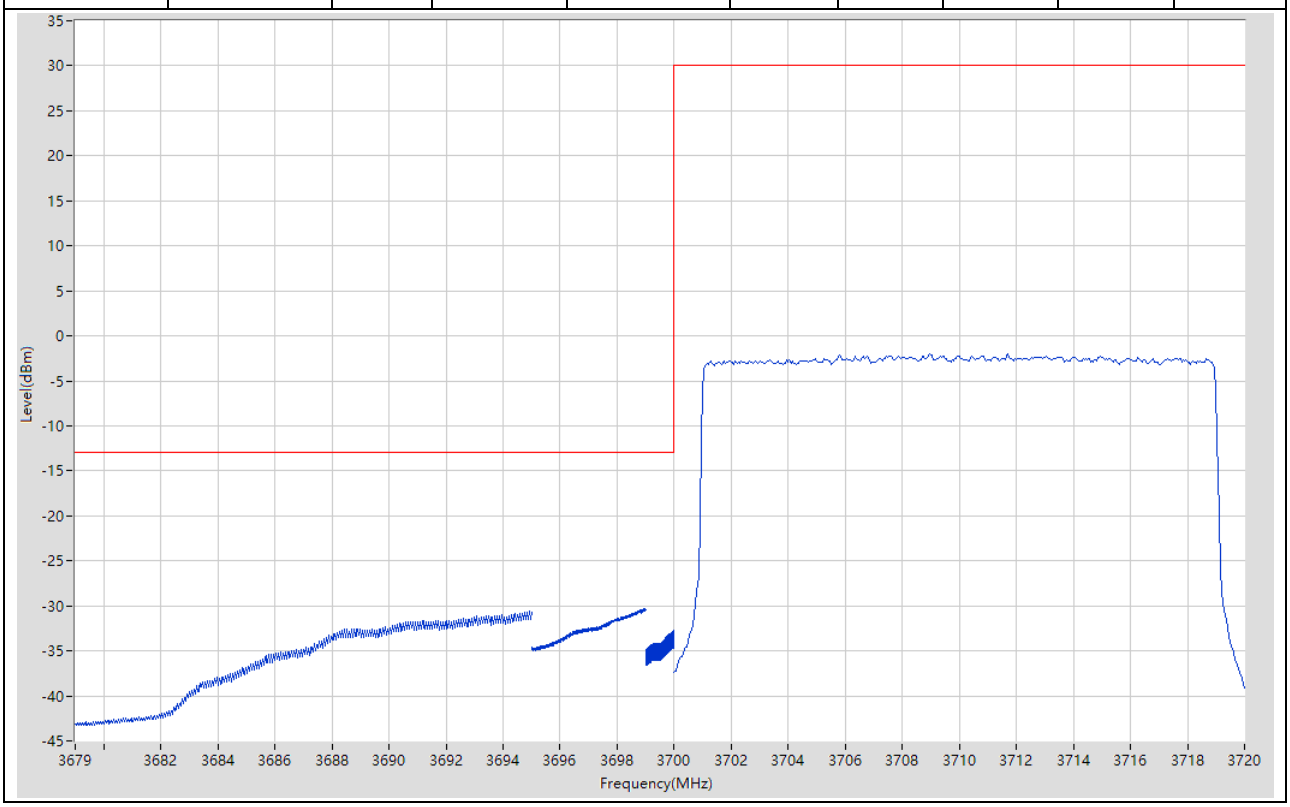
## 9.25. LTE Band Edge(NTNV)(Subtest:1, Channel:44690, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3692.12 | -40.8 | -13 | 27.8 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.99 | -41.85 | -13 | 28.85 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.998 | -44.71 | -13 | 31.71 | Pass | 401 |
| 3700 | 3720 | 0.1 | RMS | 3701.1 | 18.9 | 30 | 11.1 | Pass | 401 |



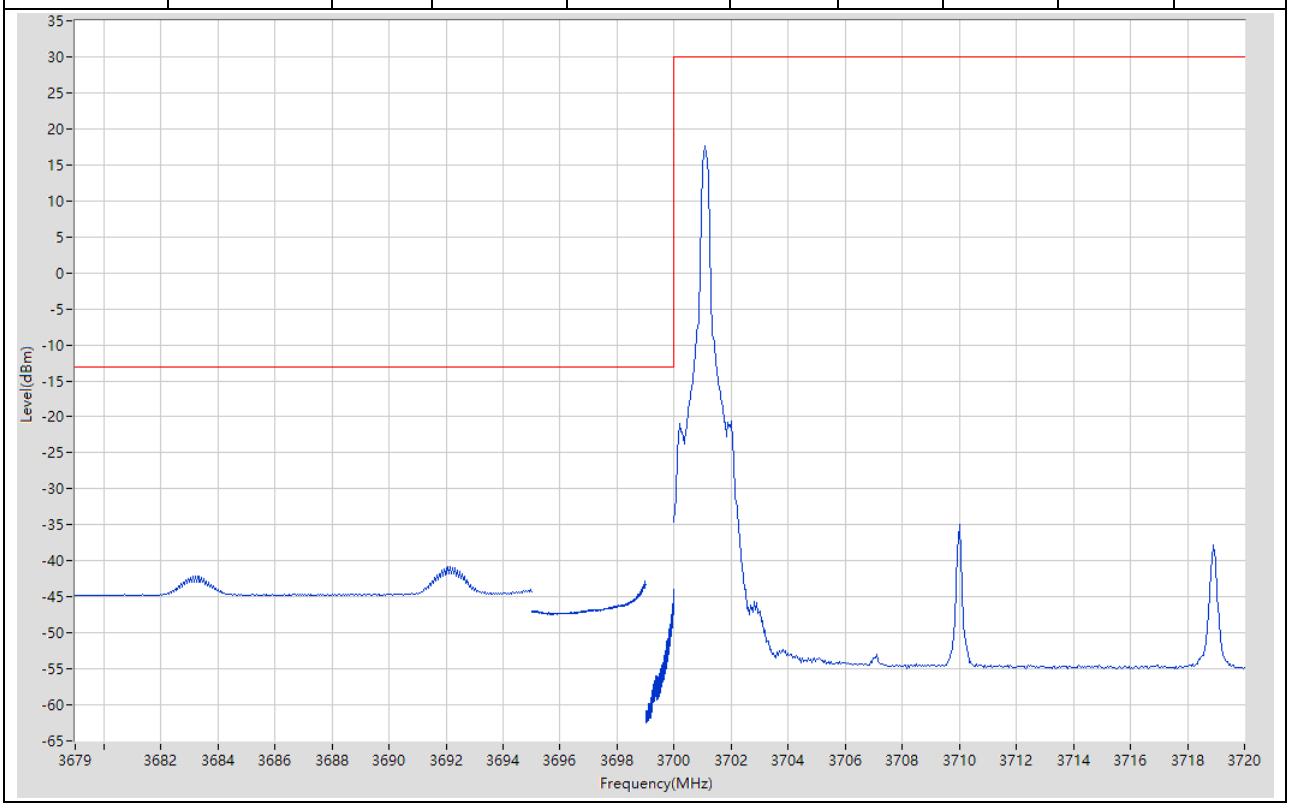
## 9.26. LTE Band Edge(NTNV)(Subtest:2, Channel:44690, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.92 | -30.64 | -13 | 17.64 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.98 | -30.29 | -13 | 17.29 | Pass | 401 |
| 3699 | 3700 | 0.2 | RMS | 3699.985 | -32.75 | -13 | 19.75 | Pass | 401 |
| 3700 | 3720 | 0.1 | RMS | 3708.95 | -1.95 | 30 | 31.95 | Pass | 401 |



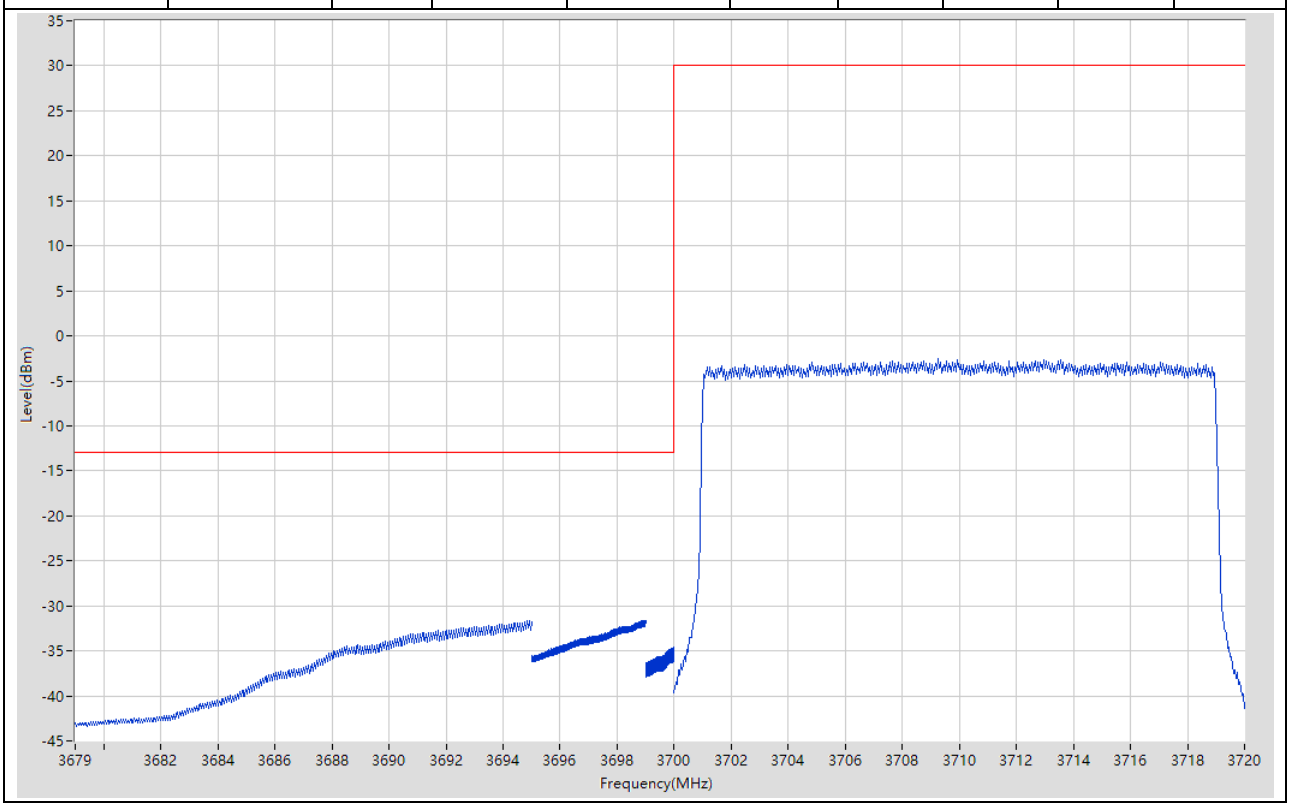
## 9.27. LTE Band Edge(NTNV)(Subtest:3, Channel:44690, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3692.16 | -40.73 | -13 | 27.73 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3698.98 | -42.87 | -13 | 29.87 | Pass | 401 |
| 3699 | 3700 | 0.01 | RMS | 3699.993 | -44.04 | -13 | 31.04 | Pass | 401 |
| 3700 | 3720 | 0.1 | RMS | 3701.1 | 17.72 | 30 | 12.28 | Pass | 401 |



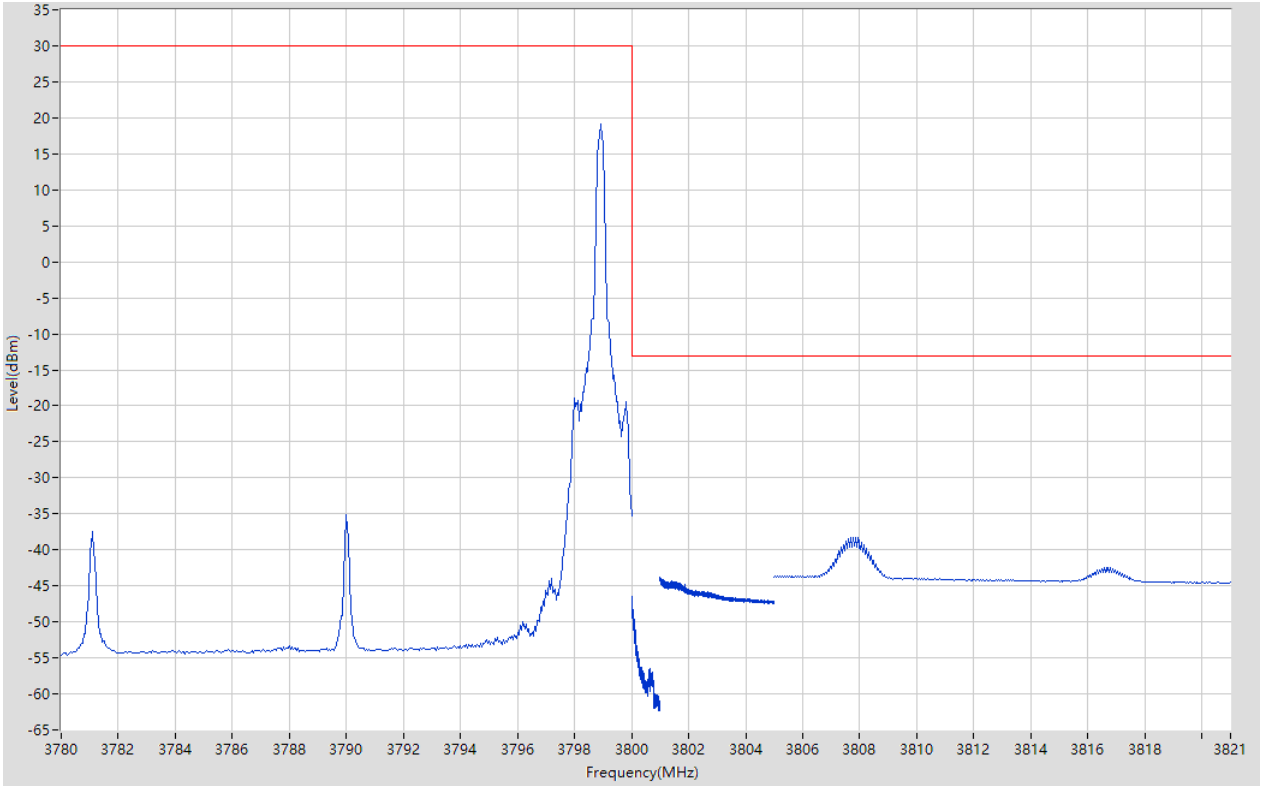
## 9.28. LTE Band Edge(NTNV)(Subtest:4, Channel:44690, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3679 | 3695 | 1 | RMS | 3694.84 | -31.69 | -13 | 18.69 | Pass | 401 |
| 3695 | 3699 | 0.51 | RMS | 3699 | -31.61 | -13 | 18.61 | Pass | 401 |
| 3699 | 3700 | 0.2 | RMS | 3700 | -34.63 | -13 | 21.63 | Pass | 401 |
| 3700 | 3720 | 0.1 | RMS | 3709.25 | -2.57 | 30 | 32.57 | Pass | 401 |



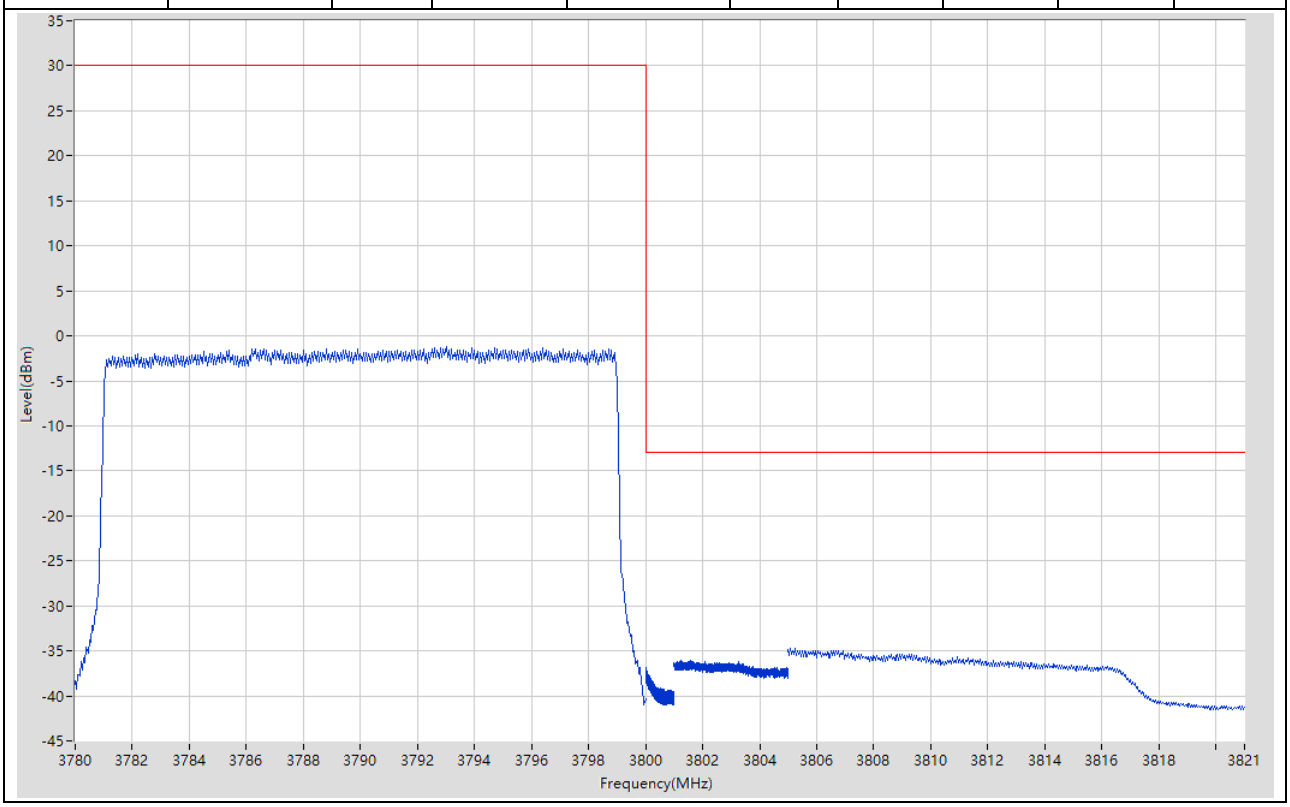
## 9.29. LTE Band Edge(NTNV)(Subtest:5, Channel:45490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3780 | 3800 | 0.1 | RMS | 3798.9 | 19.14 | 30 | 10.86 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800 | -46.5 | -13 | 33.5 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801 | -43.73 | -13 | 30.73 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3807.68 | -38.29 | -13 | 25.29 | Pass | 401 |



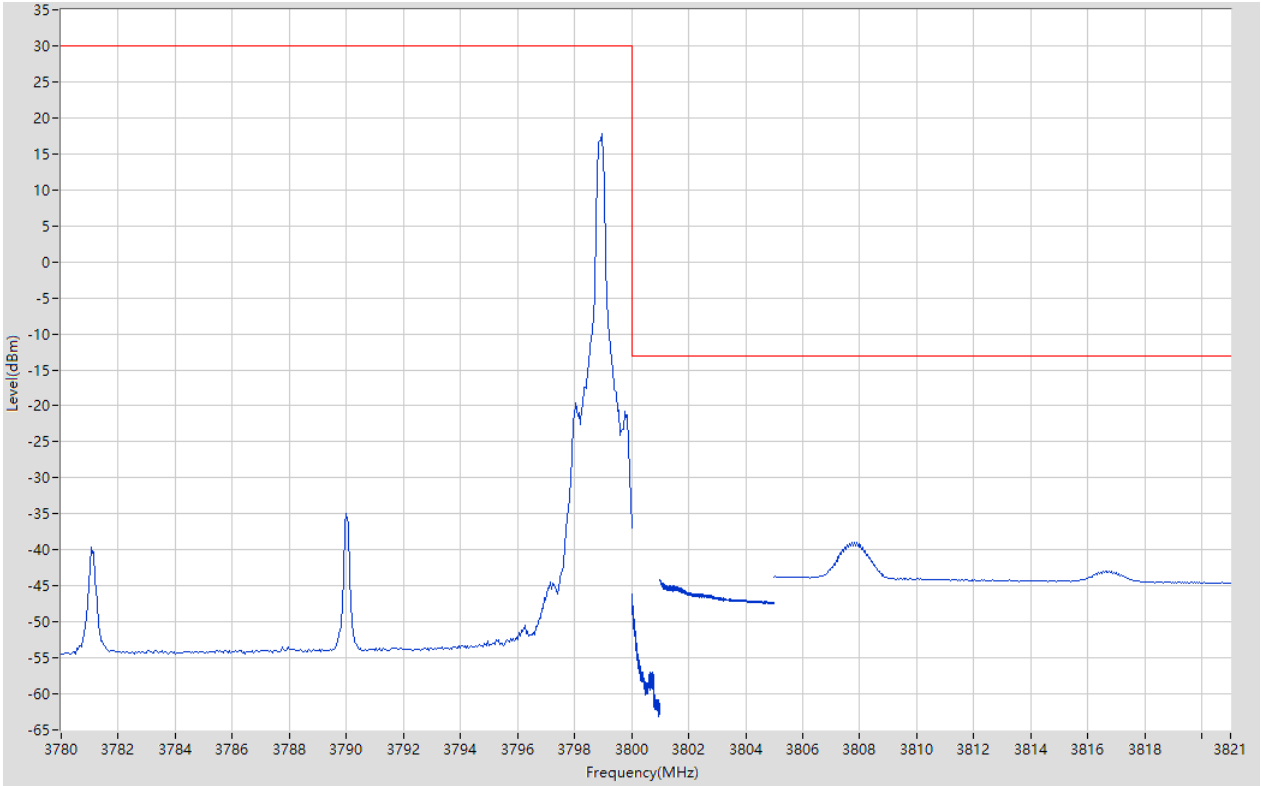
## 9.30. LTE Band Edge(NTNV)(Subtest:6, Channel:45490, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3780 | 3800 | 0.1 | RMS | 3793 | -1.14 | 30 | 31.14 | Pass | 401 |
| 3800 | 3801 | 0.2 | RMS | 3800.008 | -36.88 | -13 | 23.88 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.58 | -36 | -13 | 23 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805.24 | -34.77 | -13 | 21.77 | Pass | 401 |



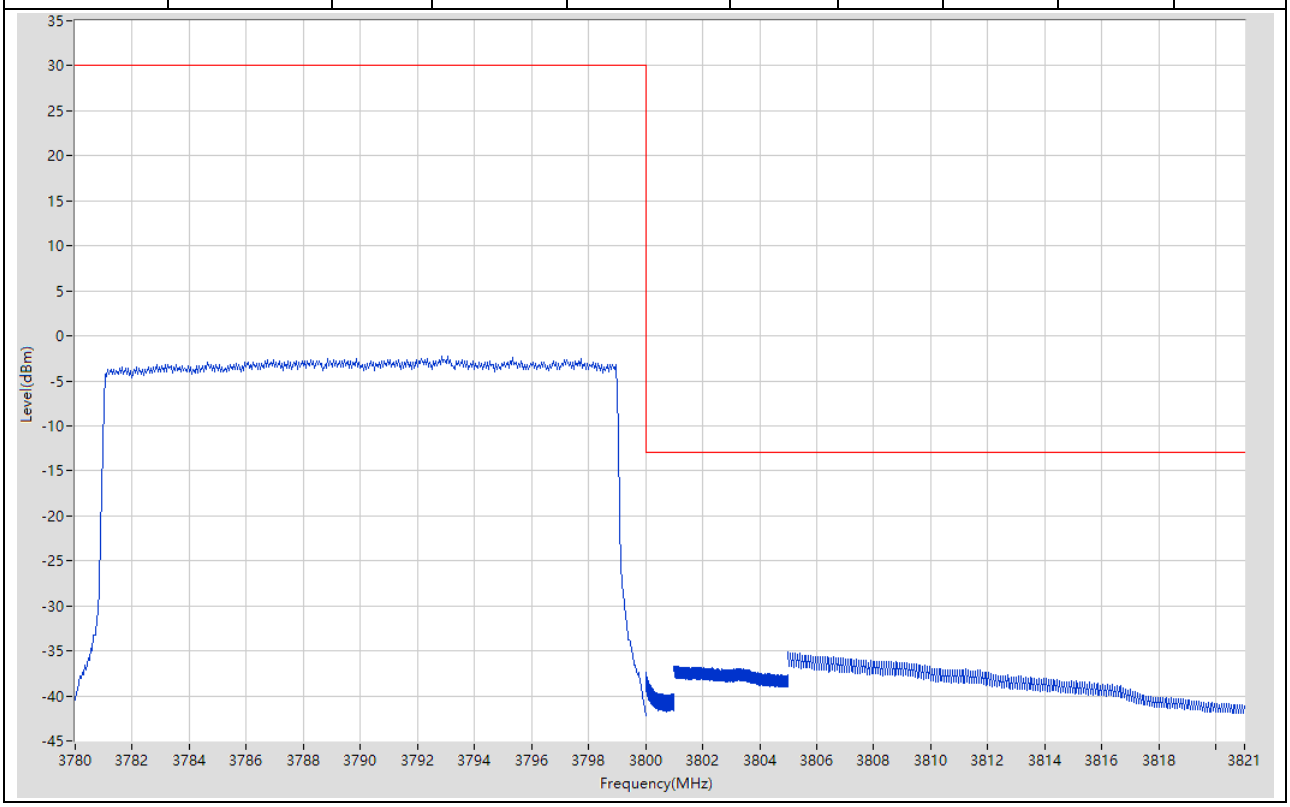
## 9.31. LTE Band Edge(NTNV)(Subtest:7, Channel:45490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3780 | 3800 | 0.1 | RMS | 3798.95 | 17.77 | 30 | 12.23 | Pass | 401 |
| 3800 | 3801 | 0.01 | RMS | 3800.01 | -46.12 | -13 | 33.12 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801 | -44.16 | -13 | 31.16 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3807.8 | -38.88 | -13 | 25.88 | Pass | 401 |



## 9.32. LTE Band Edge(NTNV)(Subtest:8, Channel:45490, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:HIGH)

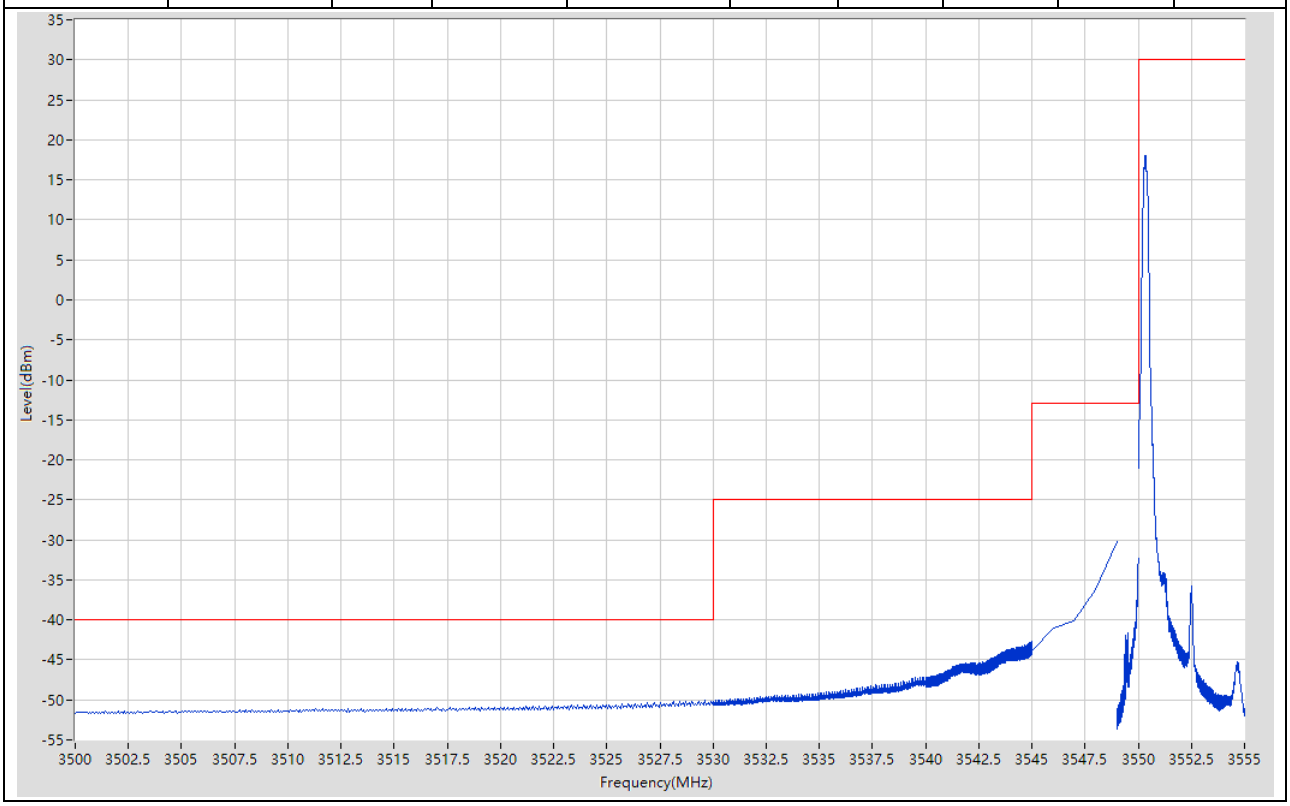
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3780 | 3800 | 0.1 | RMS | 3793.05 | -2.24 | 30 | 32.24 | Pass | 401 |
| 3800 | 3801 | 0.2 | RMS | 3800.005 | -37.36 | -13 | 24.36 | Pass | 401 |
| 3801 | 3805 | 0.51 | RMS | 3801.16 | -36.7 | -13 | 23.7 | Pass | 401 |
| 3805 | 3821 | 1 | RMS | 3805 | -35.18 | -13 | 22.18 | Pass | 401 |



# 10. LTE_Band48

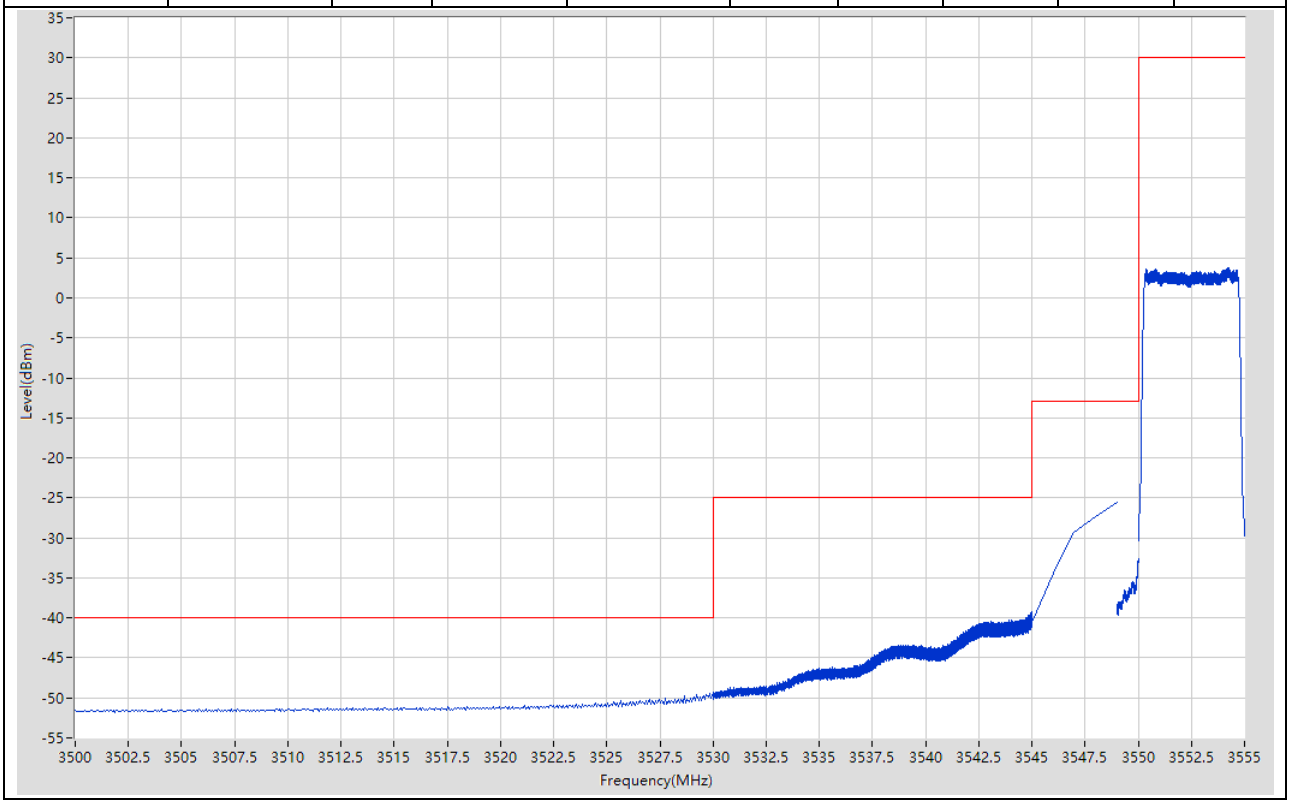
## 10.1. LTE Band Edge_Part96(NTNV)(Subtest:1, Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3529.625 | -50.09 | -40 | 10.09 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.825 | -47.16 | -25 | 22.16 | Pass | 401 |
| 3540 | 3545 | 1 | RMS | 3545 | -42.63 | -25 | 17.63 | Pass | 401 |
| 3545 | 3549 | 1 | RMS | 3549 | -30.23 | -13 | 17.23 | Pass | 5 |
| 3549 | 3550 | 0.01 | RMS | 3550 | -32.36 | -13 | 19.36 | Pass | 401 |
| 3550 | 3555 | 0.1 | RMS | 3550.313 | 17.96 | 30 | 12.04 | Pass | 401 |



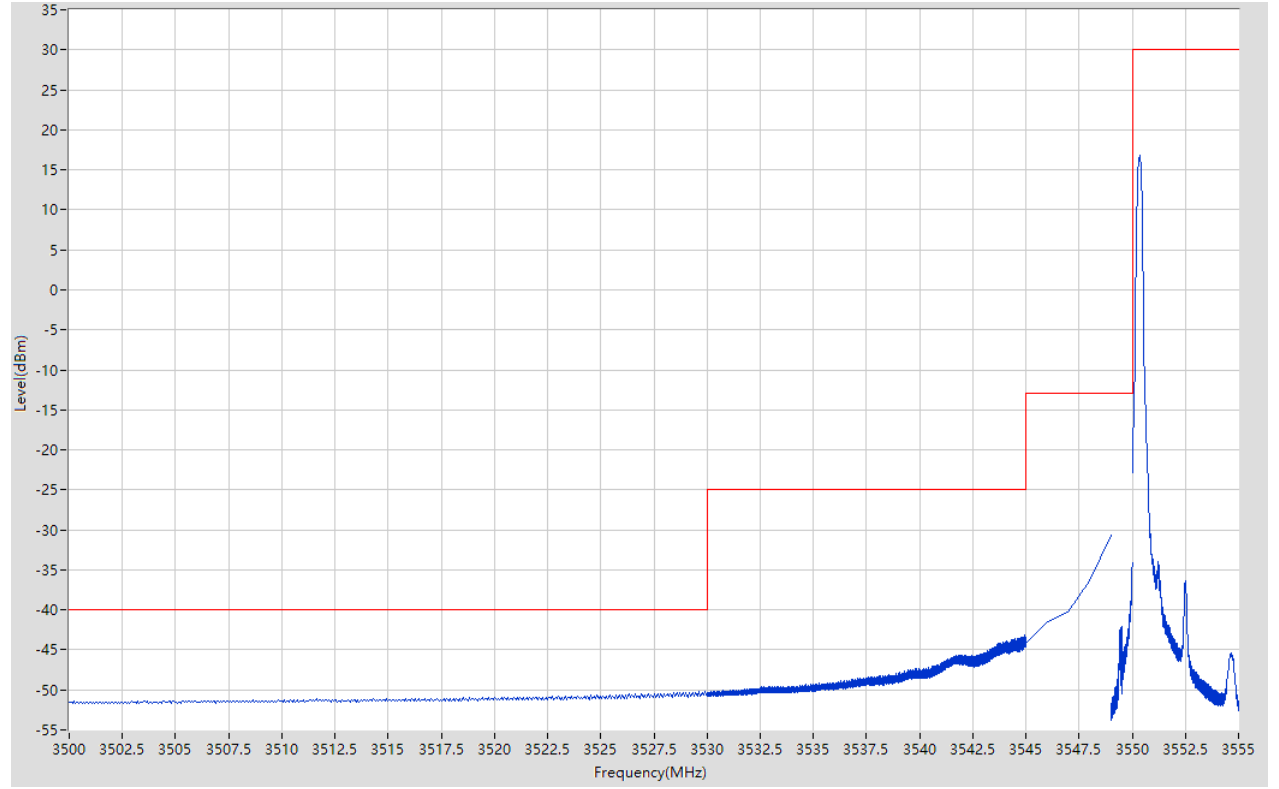
## 10.2. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:55265, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3530 | -49.33 | -40 | 9.33 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.4 | -43.37 | -25 | 18.37 | Pass | 401 |
| 3540 | 3545 | 1 | RMS | 3544.988 | -39.24 | -25 | 14.24 | Pass | 401 |
| 3545 | 3549 | 1 | RMS | 3549 | -25.6 | -13 | 12.6 | Pass | 5 |
| 3549 | 3550 | 0.051 | RMS | 3549.998 | -32.6 | -13 | 19.6 | Pass | 401 |
| 3550 | 3555 | 0.1 | RMS | 3554.238 | 3.8 | 30 | 26.2 | Pass | 401 |



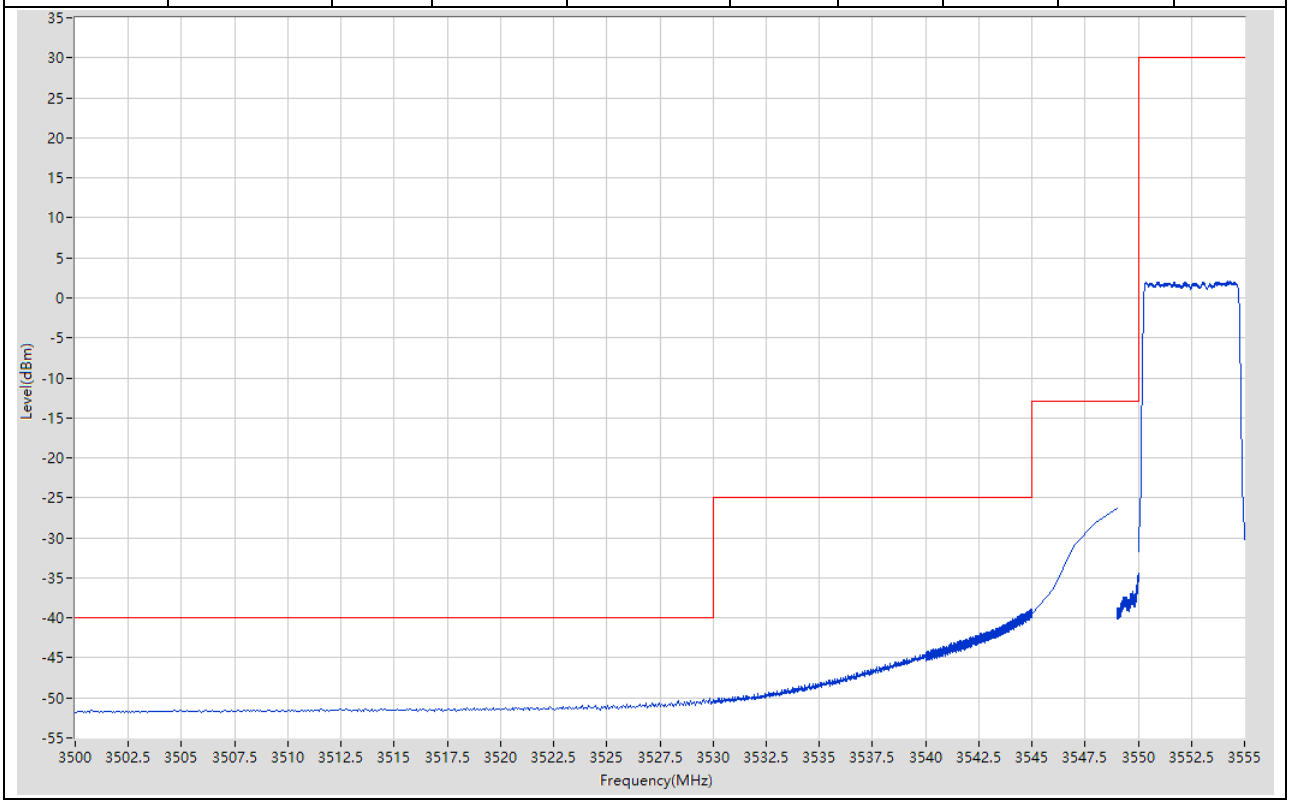
## 10.3. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:55265, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3529.625 | -50.19 | -40 | 10.19 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.775 | -47.34 | -25 | 22.34 | Pass | 401 |
| 3540 | 3545 | 1 | RMS | 3544.963 | -43.09 | -25 | 18.09 | Pass | 401 |
| 3545 | 3549 | 1 | RMS | 3549 | -30.72 | -13 | 17.72 | Pass | 5 |
| 3549 | 3550 | 0.01 | RMS | 3550 | -34.09 | -13 | 21.09 | Pass | 401 |
| 3550 | 3555 | 0.1 | RMS | 3550.363 | 16.83 | 30 | 13.17 | Pass | 401 |



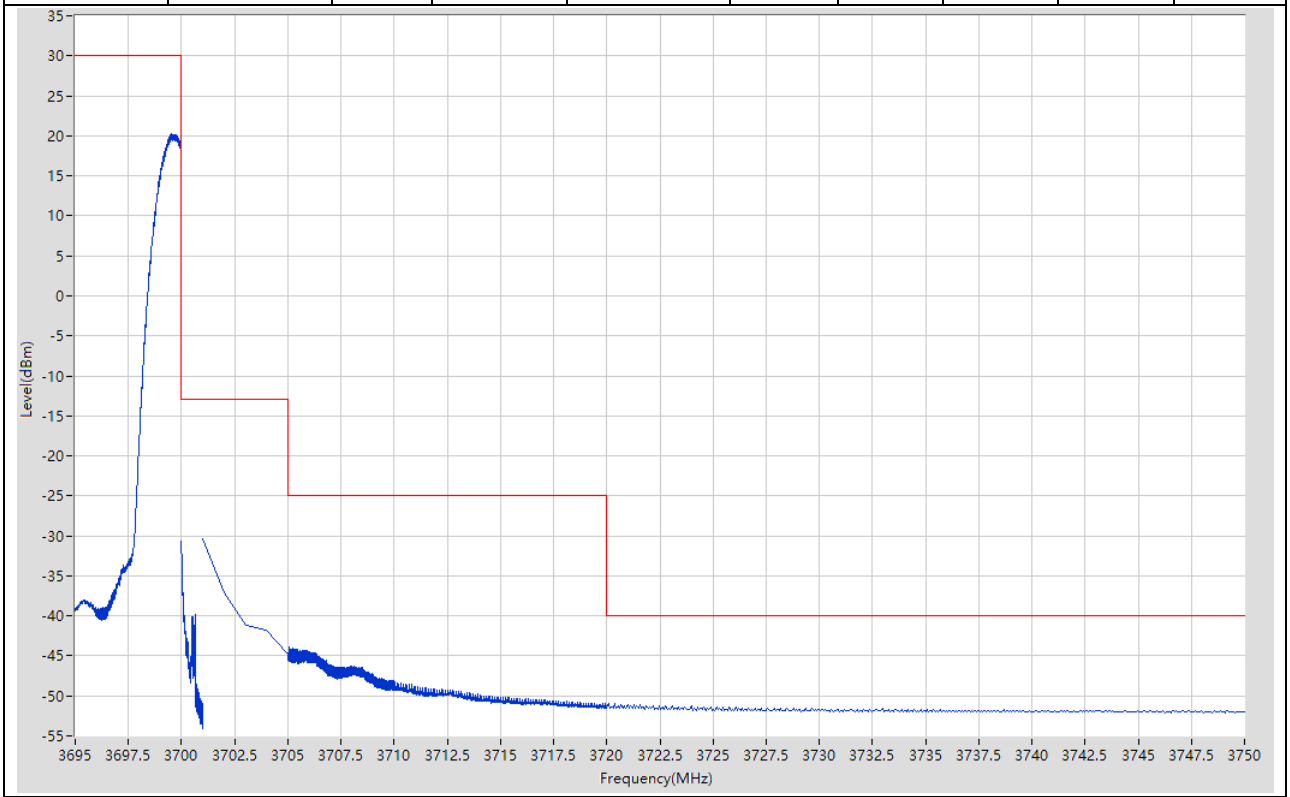
## 10.4. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:55265, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| 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 | -50.03 | -40 | 10.03 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.825 | -44.62 | -25 | 19.62 | Pass | 401 |
| 3540 | 3545 | 1 | RMS | 3544.925 | -38.85 | -25 | 13.85 | Pass | 401 |
| 3545 | 3549 | 1 | RMS | 3549 | -26.31 | -13 | 13.31 | Pass | 5 |
| 3549 | 3550 | 0.051 | RMS | 3549.998 | -34.35 | -13 | 21.35 | Pass | 401 |
| 3550 | 3555 | 0.1 | RMS | 3554.338 | 2.08 | 30 | 27.92 | Pass | 401 |



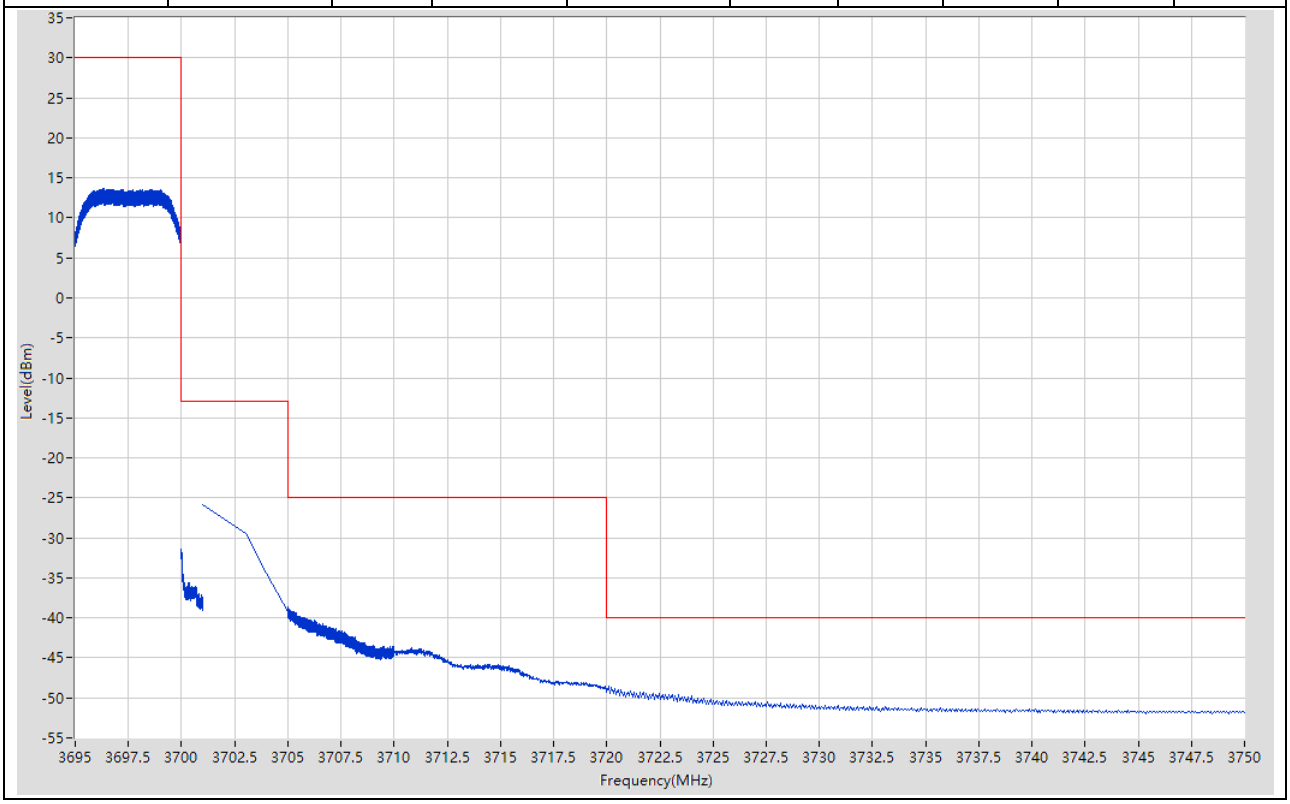
## 10.5. LTE Band Edge_Part96(NTNV)(Subtest:1, Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3695 | 3700 | 1 | RMS | 3699.525 | 20.24 | 30 | 9.76 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700 | -30.7 | -13 | 17.7 | Pass | 401 |
| 3701 | 3705 | 1 | RMS | 3701 | -30.36 | -13 | 17.36 | Pass | 5 |
| 3705 | 3710 | 1 | RMS | 3705.088 | -43.94 | -25 | 18.94 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.025 | -48.31 | -25 | 23.31 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720.375 | -50.95 | -40 | 10.95 | Pass | 401 |



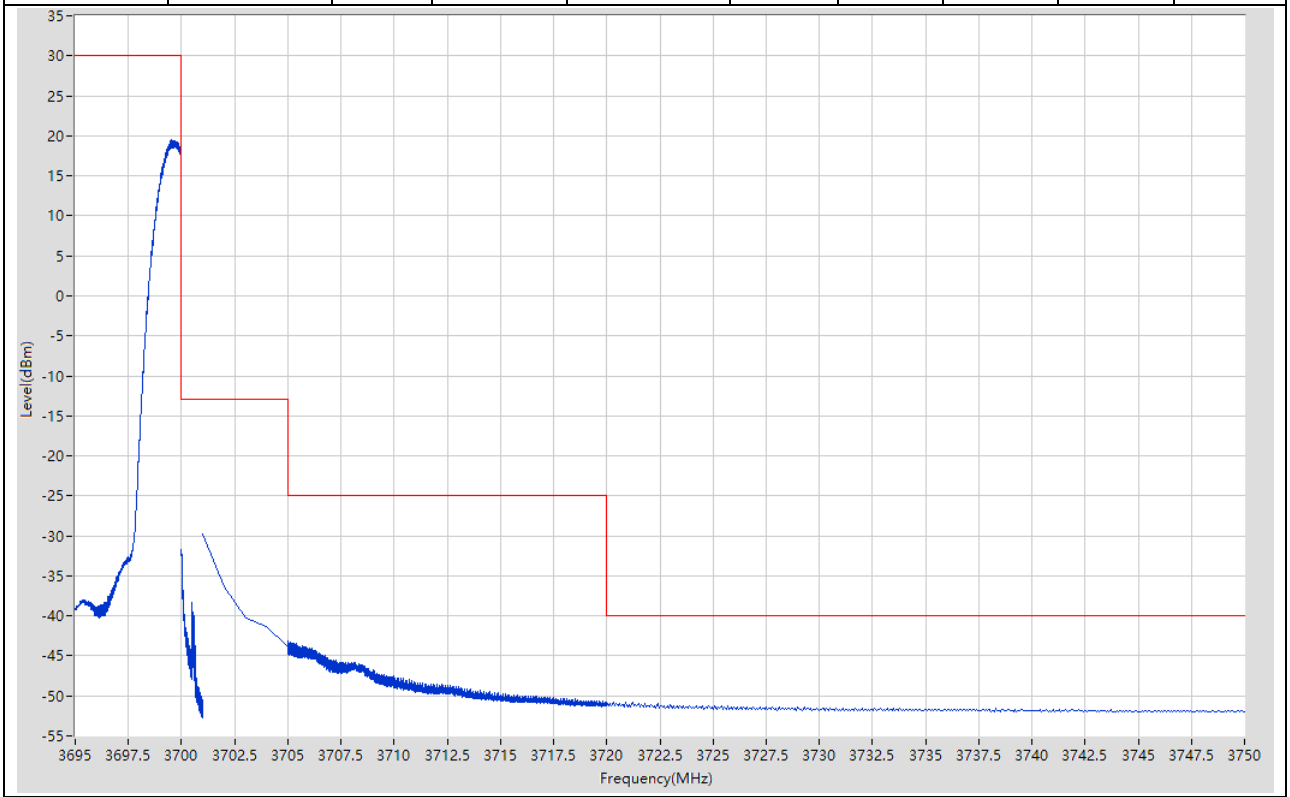
## 10.6. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:56715, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3695 | 3700 | 1 | RMS | 3696.338 | 13.63 | 30 | 16.37 | Pass | 401 |
| 3700 | 3701 | 0.051 | RMS | 3700.003 | -31.46 | -13 | 18.46 | Pass | 401 |
| 3701 | 3705 | 1 | RMS | 3701 | -25.89 | -13 | 12.89 | Pass | 5 |
| 3705 | 3710 | 1 | RMS | 3705 | -38.68 | -25 | 13.68 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.8 | -43.8 | -25 | 18.8 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720.075 | -48.47 | -40 | 8.47 | Pass | 401 |



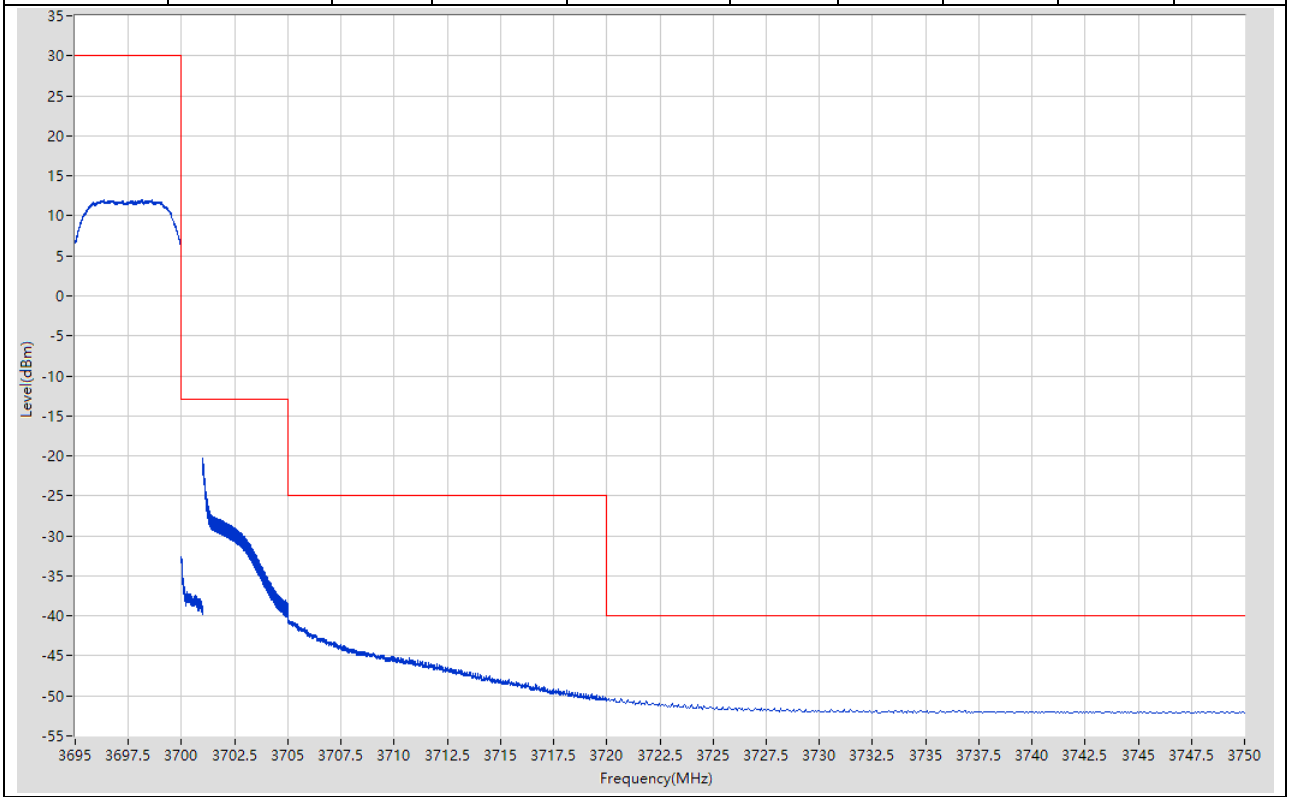
## 10.7. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:56715, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3695 | 3700 | 1 | RMS | 3699.538 | 19.48 | 30 | 10.52 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700 | -31.76 | -13 | 18.76 | Pass | 401 |
| 3701 | 3705 | 1 | RMS | 3701 | -29.73 | -13 | 16.73 | Pass | 5 |
| 3705 | 3710 | 1 | RMS | 3705.013 | -43.2 | -25 | 18.2 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.025 | -47.73 | -25 | 22.73 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720 | -50.73 | -40 | 10.73 | Pass | 401 |



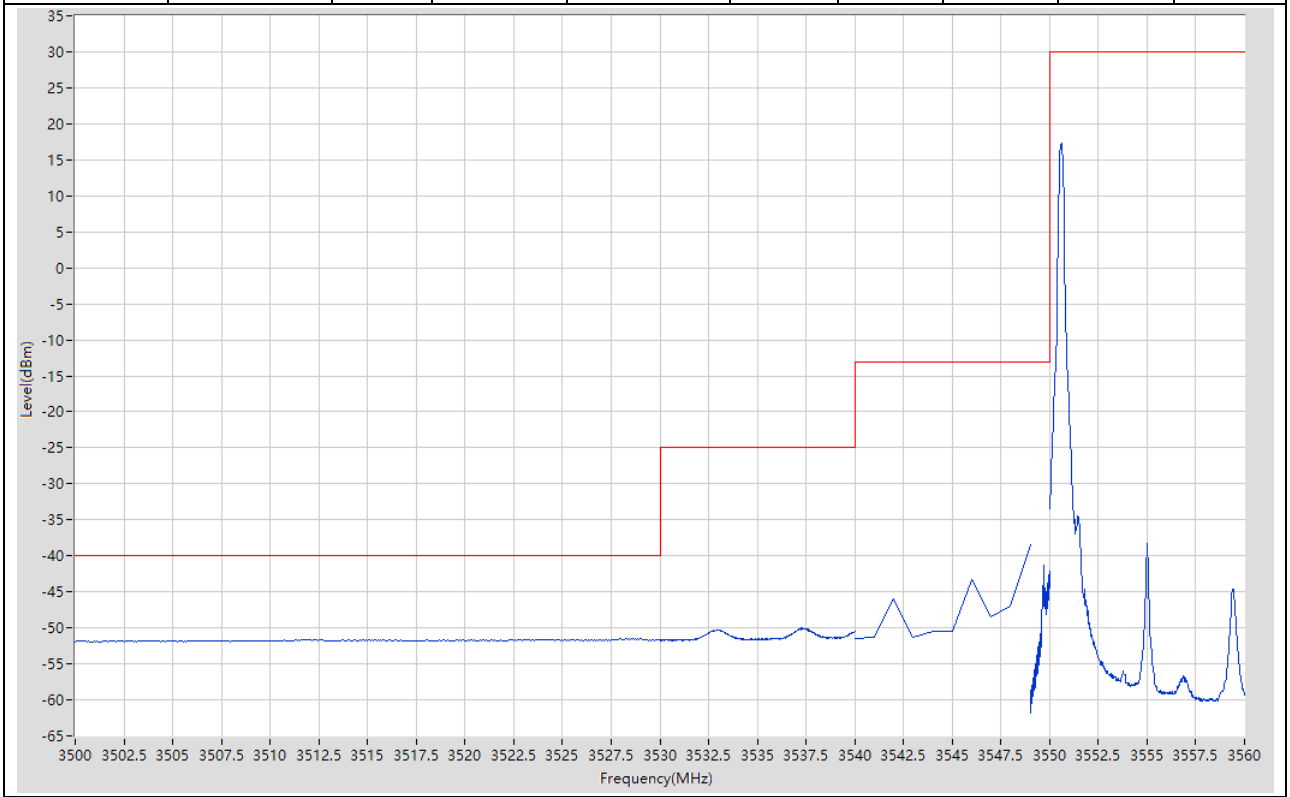
## 10.8. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:56715, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3695 | 3700 | 1 | RMS | 3698.15 | 11.98 | 30 | 18.02 | Pass | 401 |
| 3700 | 3701 | 0.051 | RMS | 3700.003 | -32.68 | -13 | 19.68 | Pass | 401 |
| 3701 | 3705 | 1 | RMS | 3701.01 | -20.27 | -13 | 7.27 | Pass | 401 |
| 3705 | 3710 | 1 | RMS | 3705.013 | -40.48 | -25 | 15.48 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.225 | -45.19 | -25 | 20.19 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720.075 | -50.32 | -40 | 10.32 | Pass | 401 |



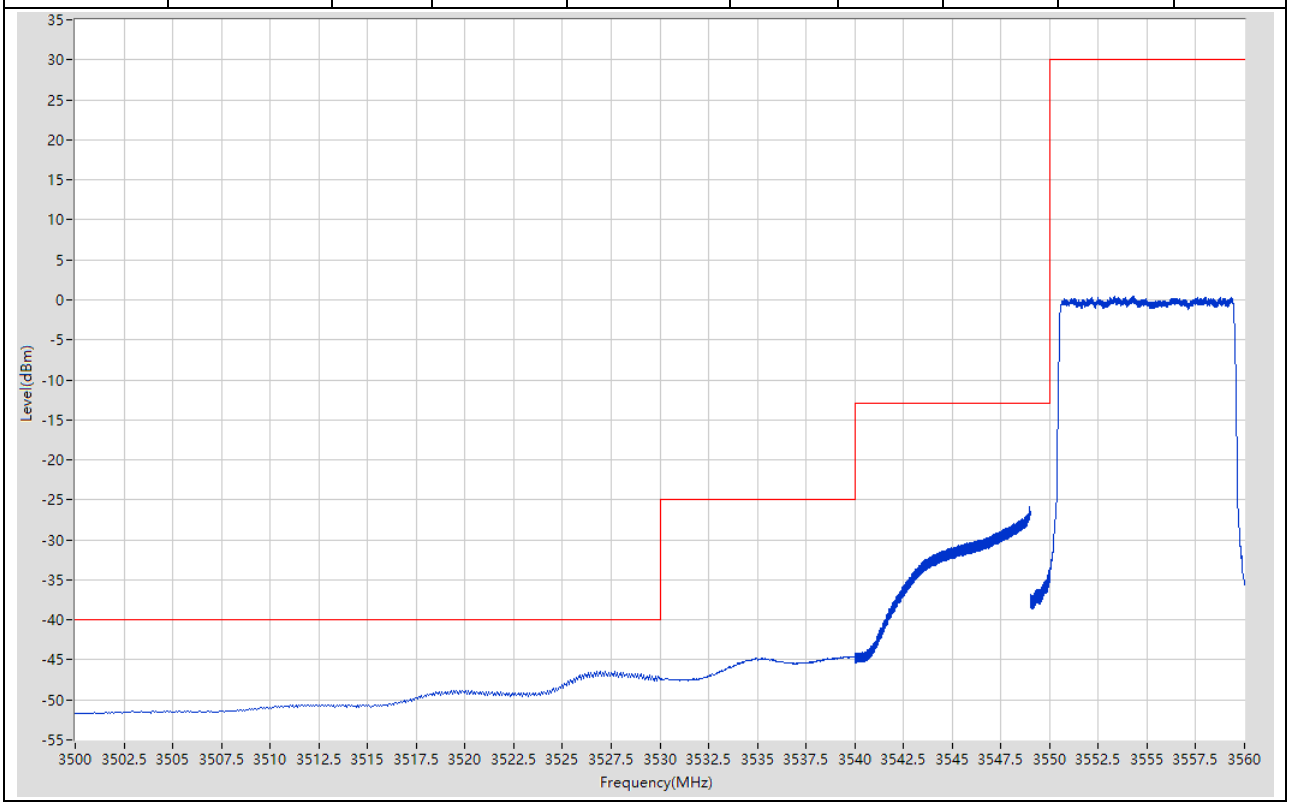
## 10.9. LTE Band Edge_Part96(NTNV)(Subtest:1, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3528.575 | -51.43 | -40 | 11.43 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3537.3 | -50.05 | -25 | 25.05 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -38.48 | -13 | 25.48 | Pass | 10 |
| 3549 | 3550 | 0.01 | RMS | 3549.7 | -41.29 | -13 | 28.29 | Pass | 401 |
| 3550 | 3560 | 0.1 | RMS | 3550.6 | 17.35 | 30 | 12.65 | Pass | 401 |



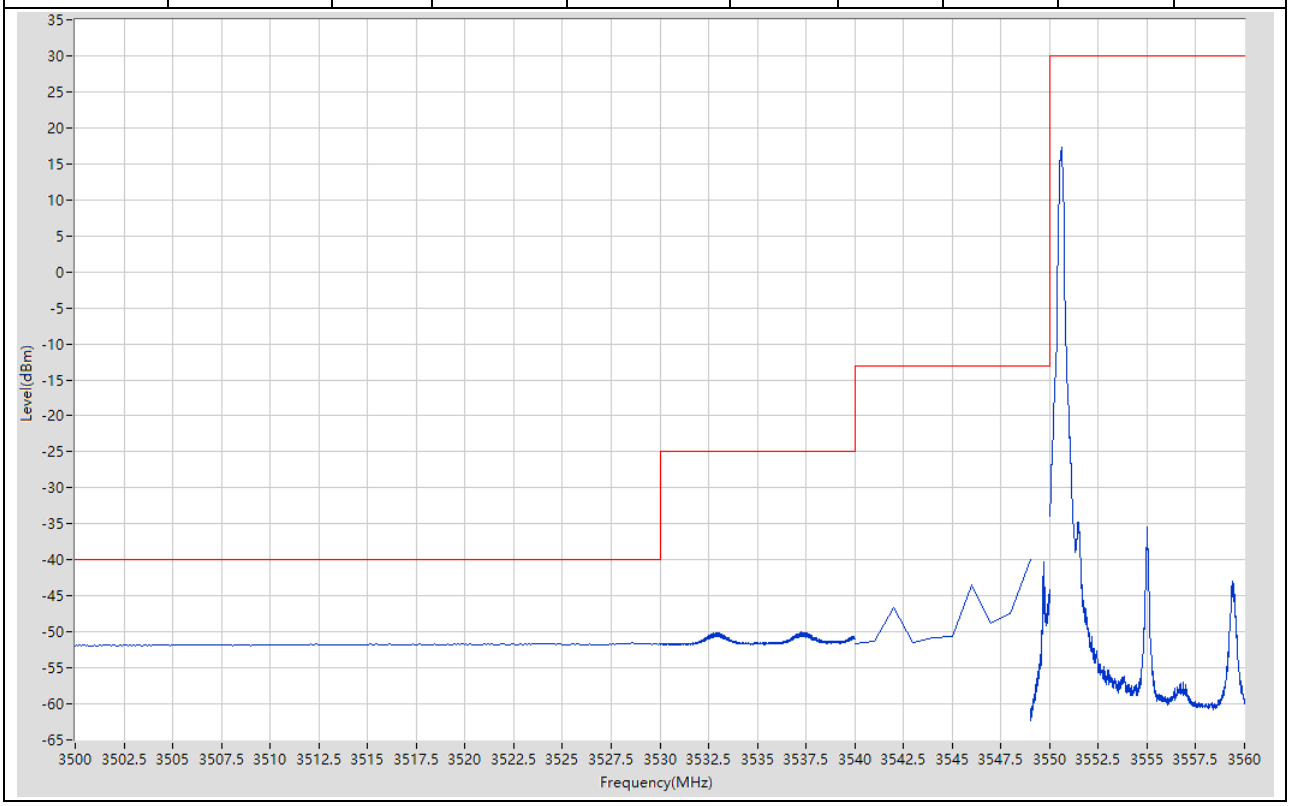
## 10.10. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:55290, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3527.225 | -46.39 | -40 | 6.39 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.5 | -44.57 | -25 | 19.57 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3548.978 | -25.89 | -13 | 12.89 | Pass | 401 |
| 3549 | 3550 | 0.1 | RMS | 3549.993 | -33.5 | -13 | 20.5 | Pass | 401 |
| 3550 | 3560 | 0.1 | RMS | 3553.35 | 0.41 | 30 | 29.59 | Pass | 401 |



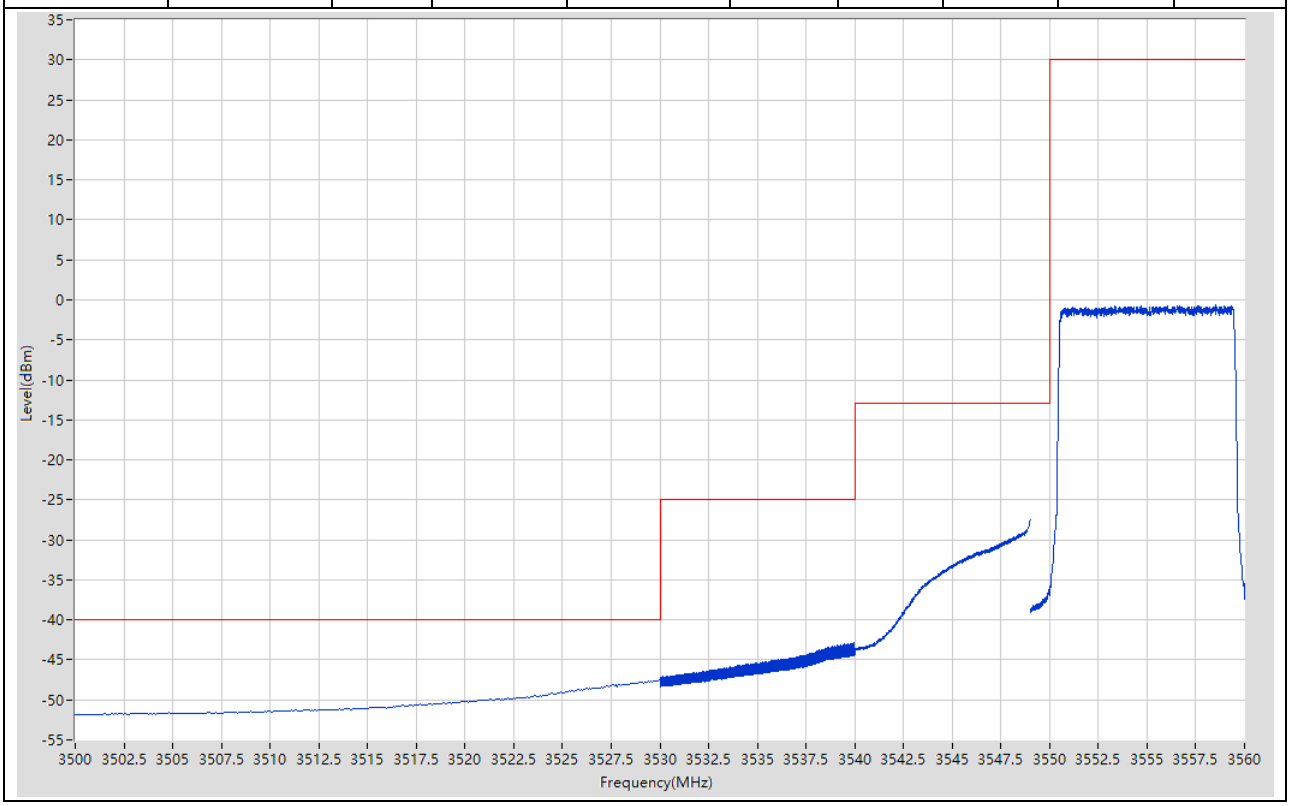
## 10.11. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3528.575 | -51.55 | -40 | 11.55 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3537.225 | -50.04 | -25 | 25.04 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -39.96 | -13 | 26.96 | Pass | 10 |
| 3549 | 3550 | 0.01 | RMS | 3549.675 | -40.29 | -13 | 27.29 | Pass | 401 |
| 3550 | 3560 | 0.1 | RMS | 3550.6 | 17.29 | 30 | 12.71 | Pass | 401 |



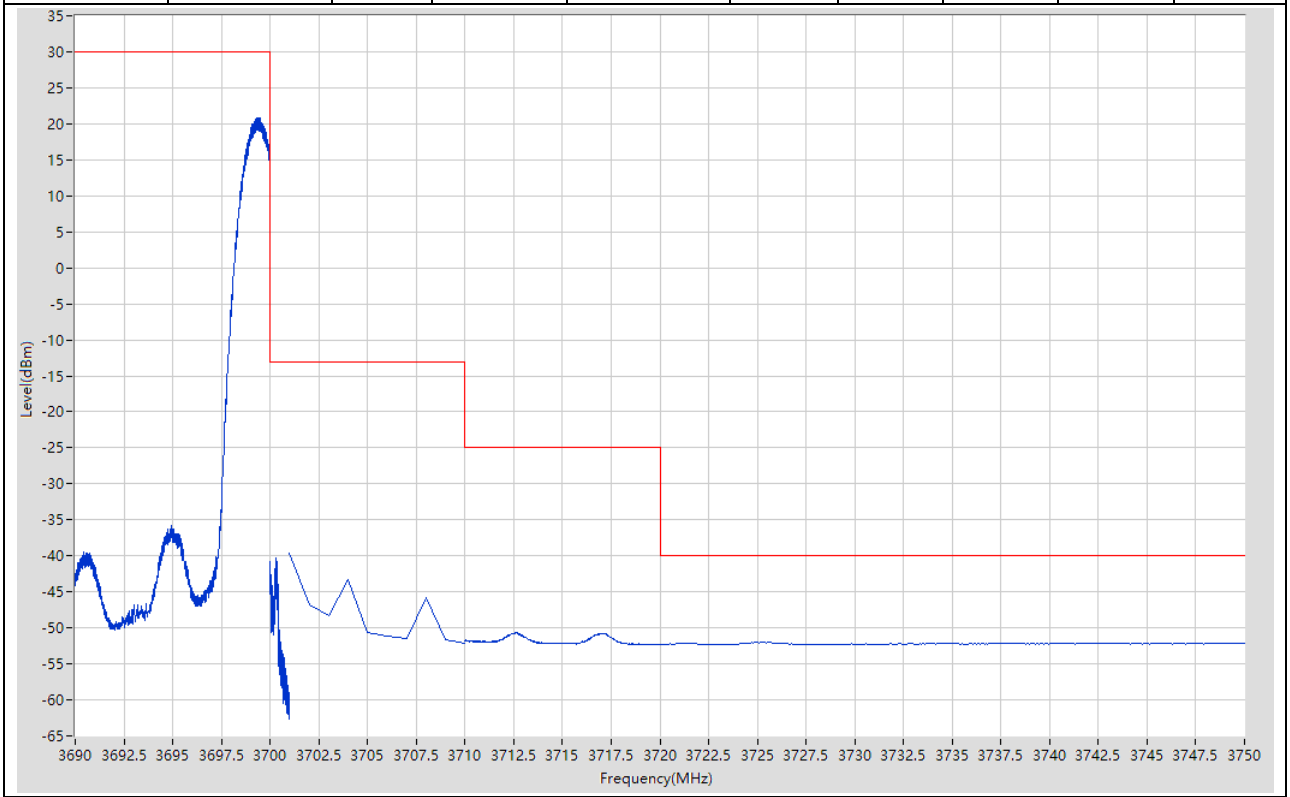
## 10.12. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:55290, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3530 | -47.54 | -40 | 7.54 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.975 | -42.88 | -25 | 17.88 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -27.56 | -13 | 14.56 | Pass | 401 |
| 3549 | 3550 | 0.1 | RMS | 3549.995 | -36.04 | -13 | 23.04 | Pass | 401 |
| 3550 | 3560 | 0.1 | RMS | 3558.525 | -0.66 | 30 | 30.66 | Pass | 401 |



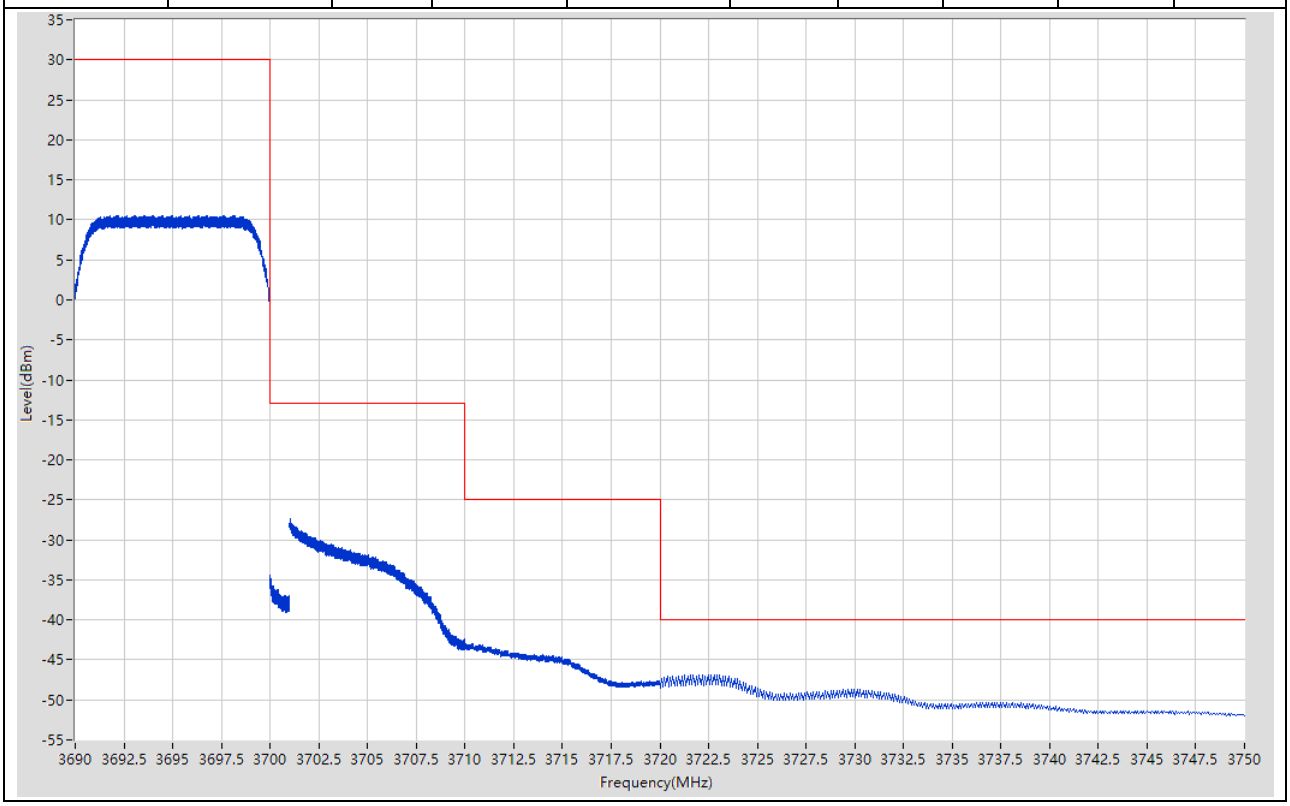
## 10.13. LTE Band Edge_Part96(NTNV)(Subtest:1, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3690 | 3700 | 1 | RMS | 3699.425 | 20.88 | 30 | 9.12 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700.313 | -40.27 | -13 | 27.27 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701 | -39.57 | -13 | 26.57 | Pass | 10 |
| 3710 | 3720 | 1 | RMS | 3712.7 | -50.64 | -25 | 25.64 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3725.625 | -51.98 | -40 | 11.98 | Pass | 401 |



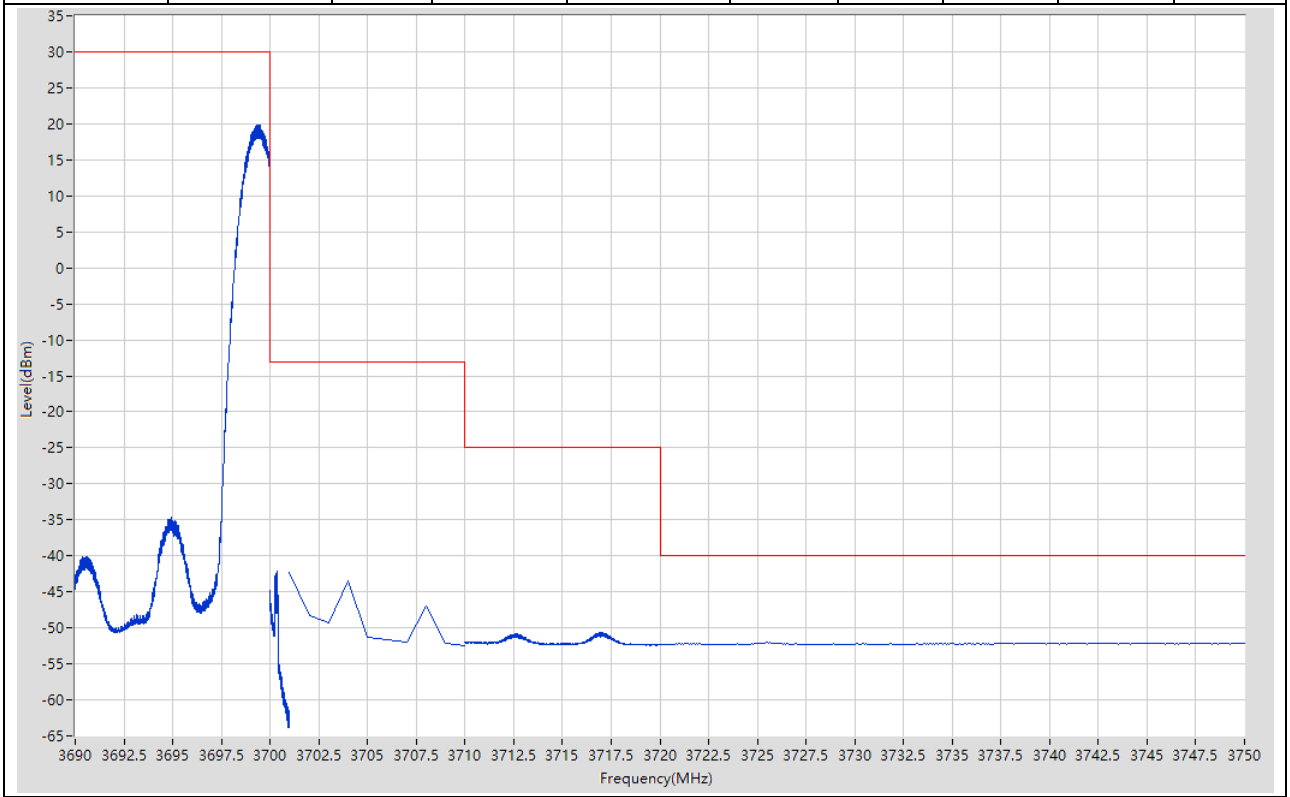
## 10.14. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:56690, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3690 | 3700 | 1 | RMS | 3694.525 | 10.53 | 30 | 19.47 | Pass | 401 |
| 3700 | 3701 | 0.1 | RMS | 3700 | -34.45 | -13 | 21.45 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701.023 | -27.43 | -13 | 14.43 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.325 | -42.94 | -25 | 17.94 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3722.175 | -46.83 | -40 | 6.83 | Pass | 401 |



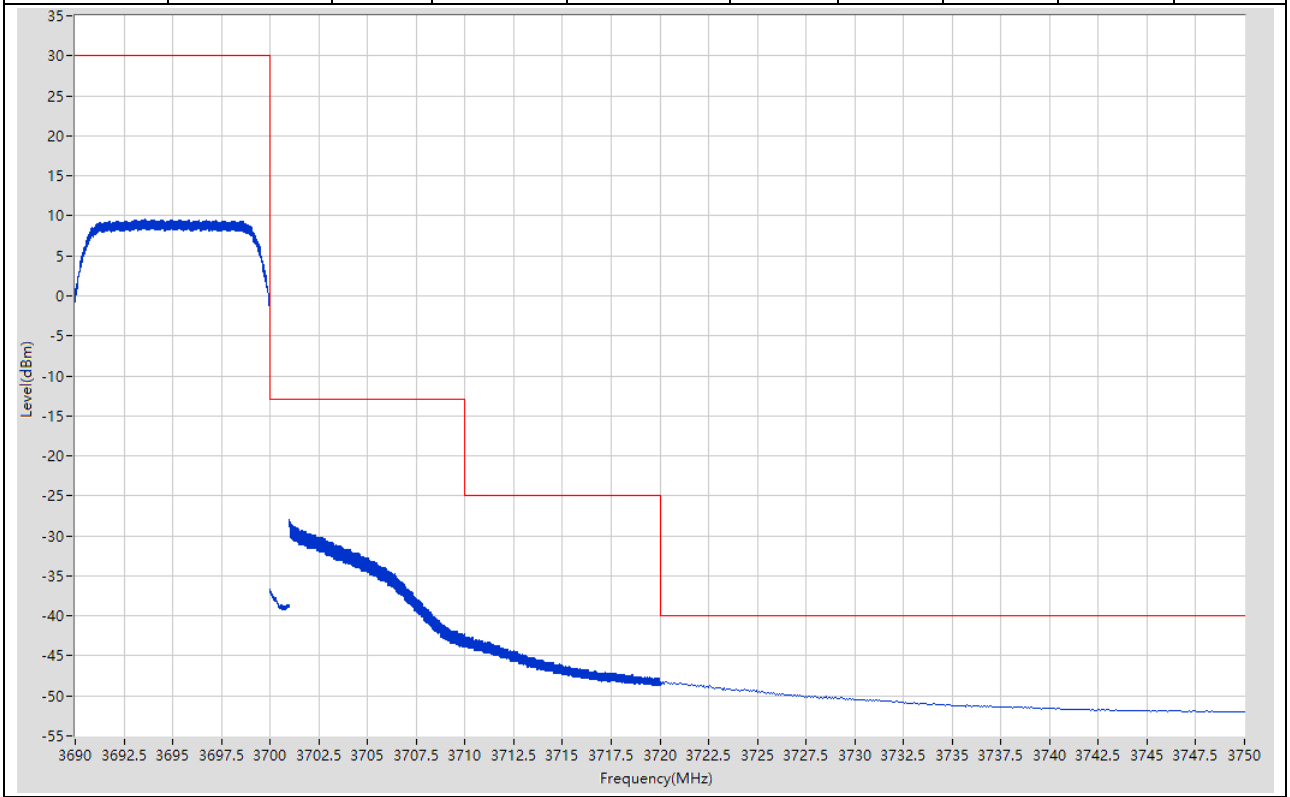
## 10.15. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3690 | 3700 | 1 | RMS | 3699.375 | 19.82 | 30 | 10.18 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700.373 | -42.1 | -13 | 29.1 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701 | -42.23 | -13 | 29.23 | Pass | 10 |
| 3710 | 3720 | 1 | RMS | 3716.9 | -50.7 | -25 | 25.7 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3725.625 | -52.02 | -40 | 12.02 | Pass | 401 |



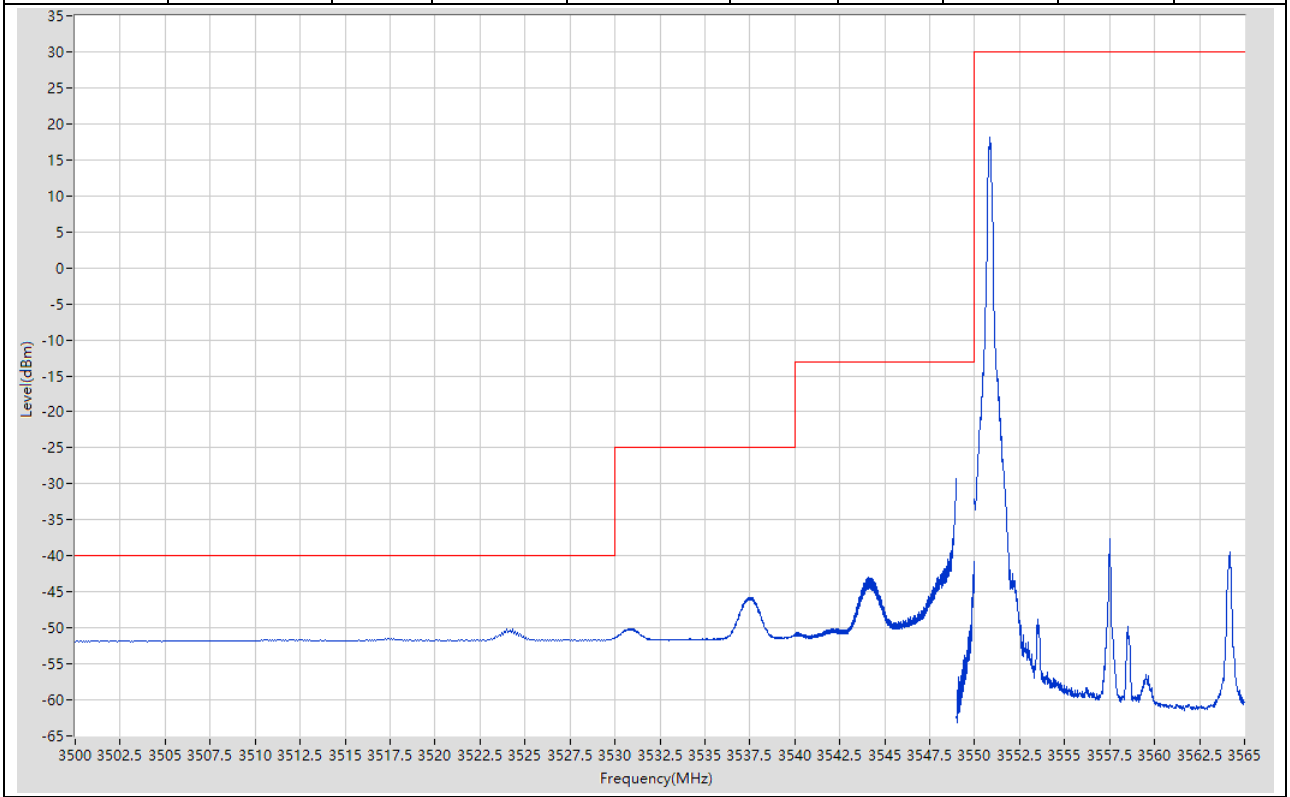
## 10.16. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:56690, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3690 | 3700 | 1 | RMS | 3693.575 | 9.54 | 30 | 20.46 | Pass | 401 |
| 3700 | 3701 | 0.1 | RMS | 3700.003 | -36.64 | -13 | 23.64 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701 | -27.95 | -13 | 14.95 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.025 | -42.62 | -25 | 17.62 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720.3 | -48.23 | -40 | 8.23 | Pass | 401 |



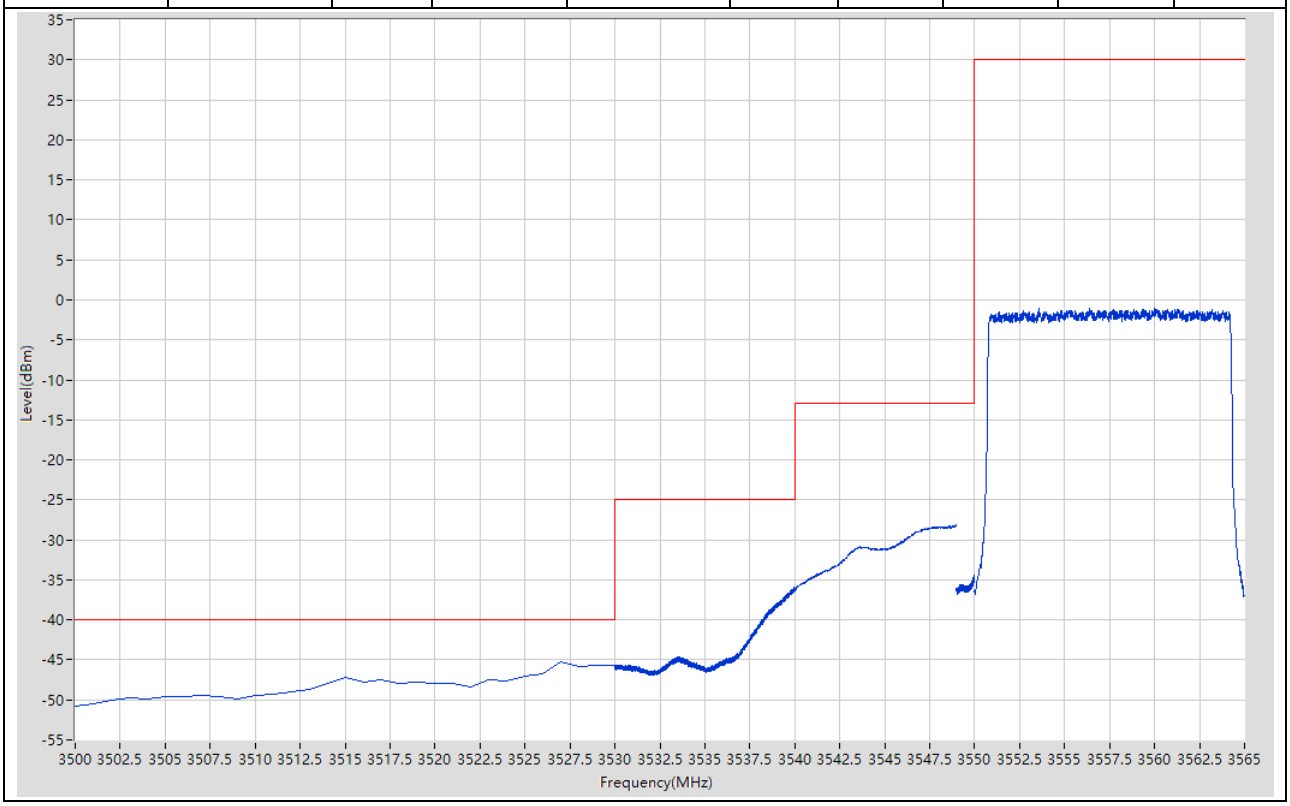
## 10.17. LTE Band Edge_Part96(NTNV)(Subtest:1, Channel:55315, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3524 | -50.16 | -40 | 10.16 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3537.5 | -45.75 | -25 | 20.75 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3548.978 | -29.31 | -13 | 16.31 | Pass | 401 |
| 3549 | 3550 | 0.01 | RMS | 3549.945 | -40.81 | -13 | 27.81 | Pass | 401 |
| 3550 | 3565 | 0.1 | RMS | 3550.825 | 18.12 | 30 | 11.88 | Pass | 401 |



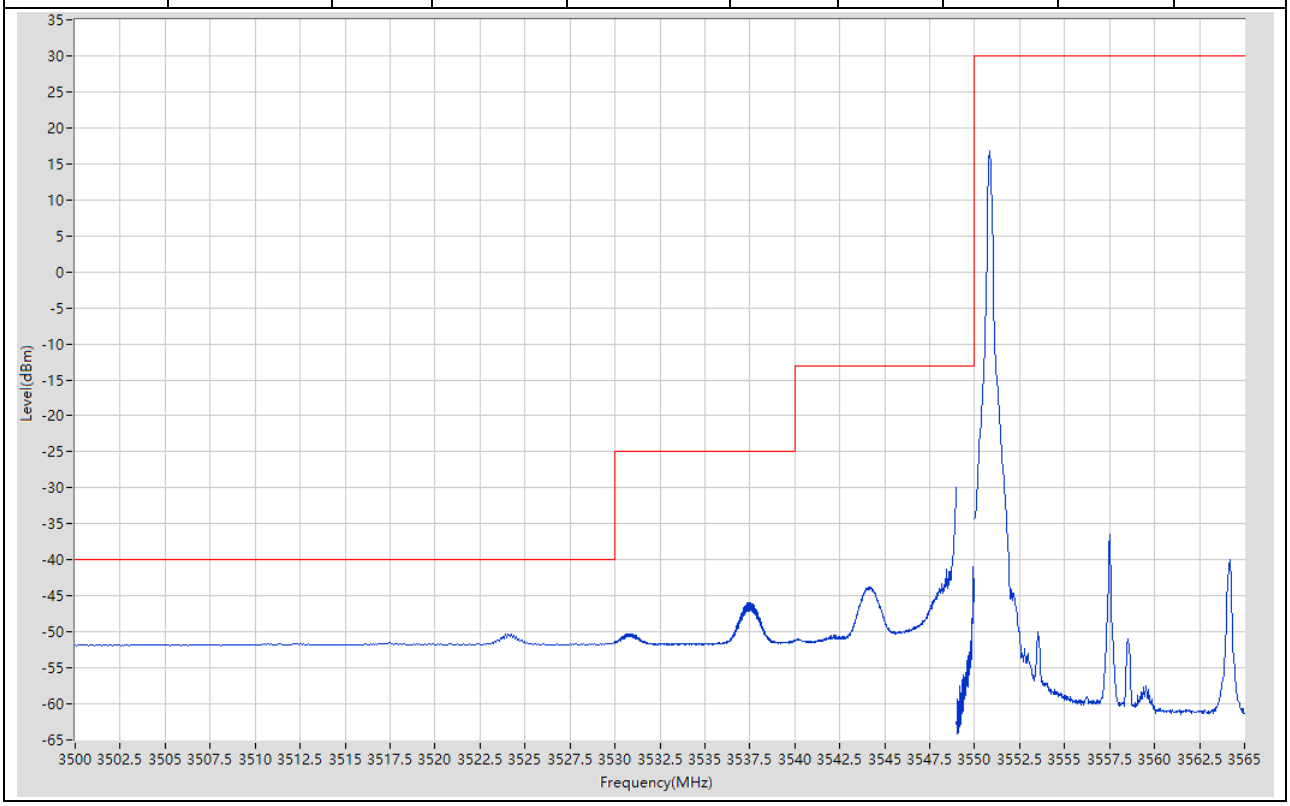
## 10.18. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:55315, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3527 | -45.21 | -40 | 5.21 | Pass | 31 |
| 3530 | 3540 | 1 | RMS | 3539.975 | -35.93 | -25 | 10.93 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -28.1 | -13 | 15.1 | Pass | 401 |
| 3549 | 3550 | 0.15 | RMS | 3549.995 | -34.35 | -13 | 21.35 | Pass | 401 |
| 3550 | 3565 | 0.1 | RMS | 3559.975 | -1.09 | 30 | 31.09 | Pass | 401 |



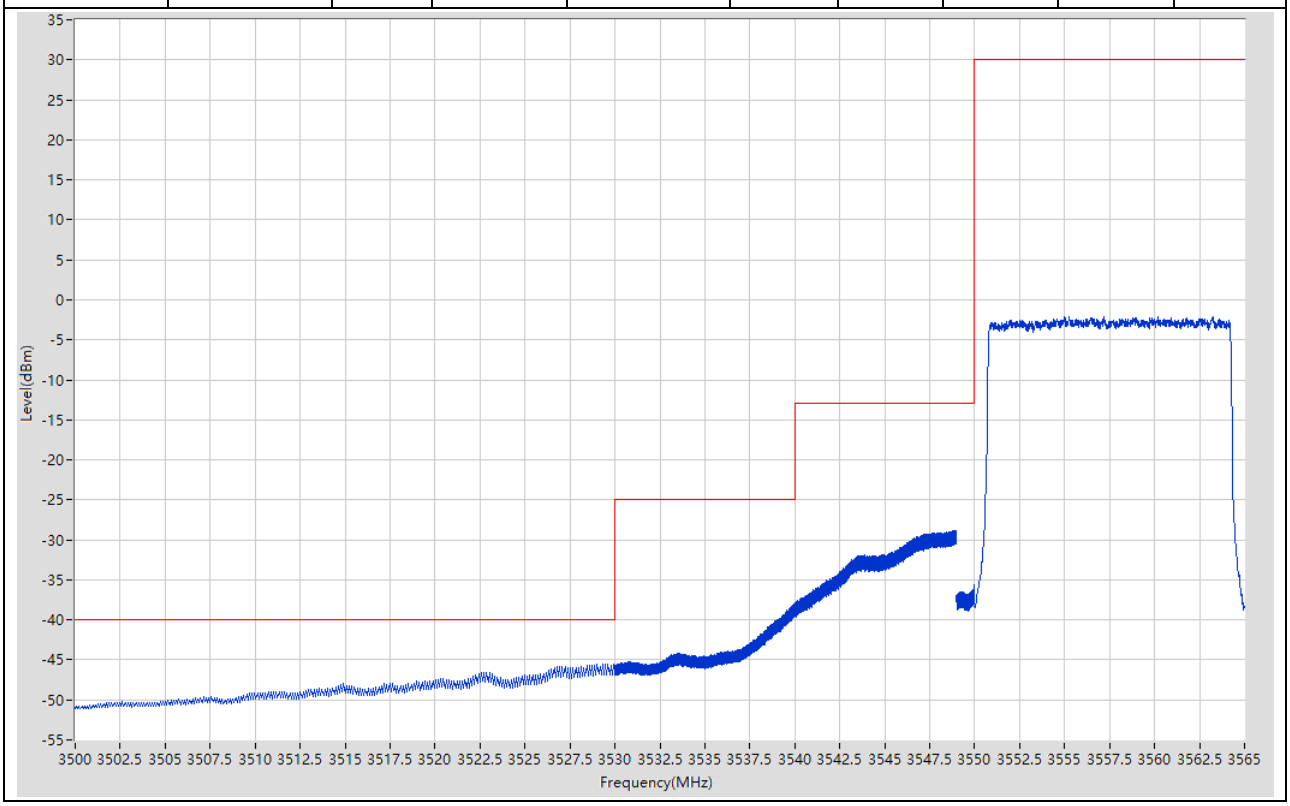
## 10.19. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:55315, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3524.075 | -50.3 | -40 | 10.3 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3537.525 | -45.91 | -25 | 20.91 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -29.99 | -13 | 16.99 | Pass | 401 |
| 3549 | 3550 | 0.01 | RMS | 3549.92 | -40.95 | -13 | 27.95 | Pass | 401 |
| 3550 | 3565 | 0.1 | RMS | 3550.825 | 16.87 | 30 | 13.13 | Pass | 401 |



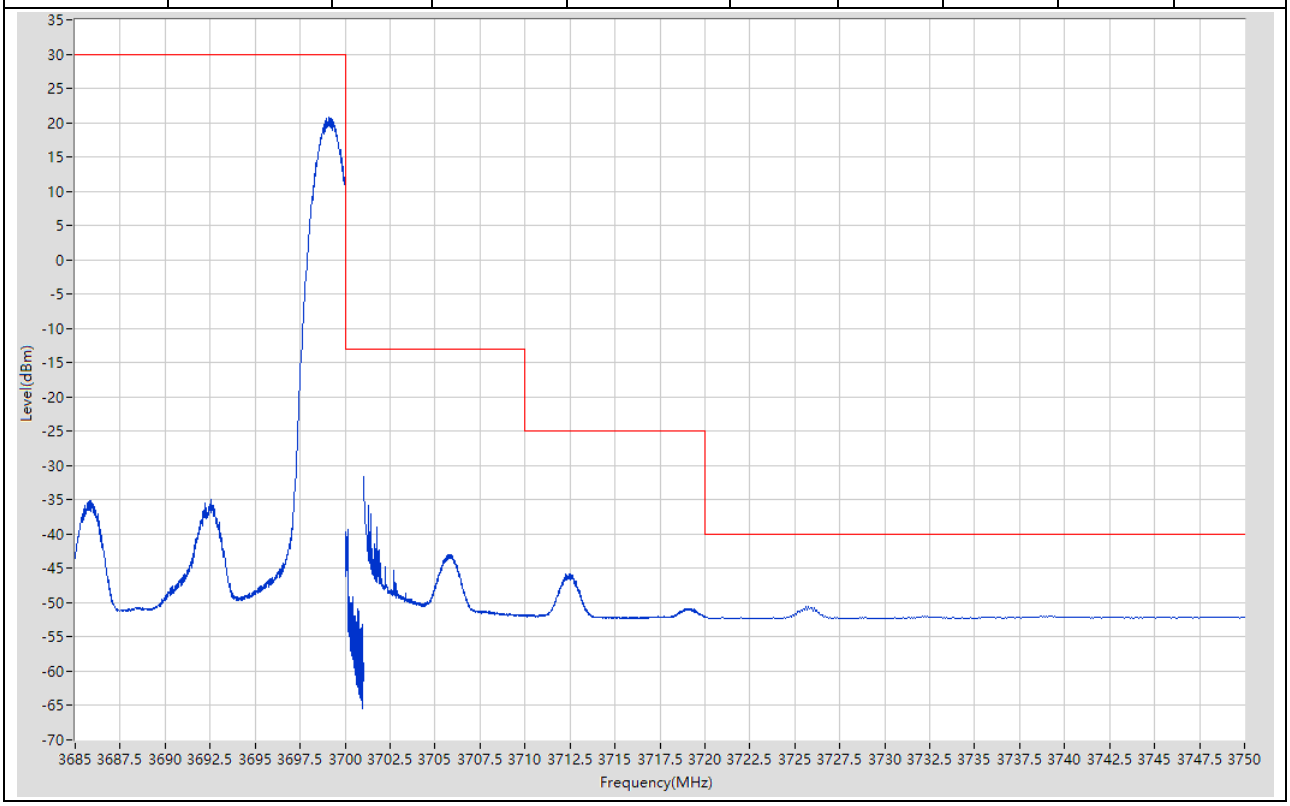
## 10.20. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:55315, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3529.925 | -45.49 | -40 | 5.49 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3540 | -37.98 | -25 | 12.98 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -28.8 | -13 | 15.8 | Pass | 401 |
| 3549 | 3550 | 0.15 | RMS | 3549.99 | -35.68 | -13 | 22.68 | Pass | 401 |
| 3550 | 3565 | 0.1 | RMS | 3557.2 | -2.08 | 30 | 32.08 | Pass | 401 |



## 10.21. 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 | 3699.063 | 20.85 | 30 | 9.15 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700.135 | -39.3 | -13 | 26.3 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701 | -31.55 | -13 | 18.55 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3712.525 | -45.76 | -25 | 20.76 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3725.625 | -50.5 | -40 | 10.5 | Pass | 401 |

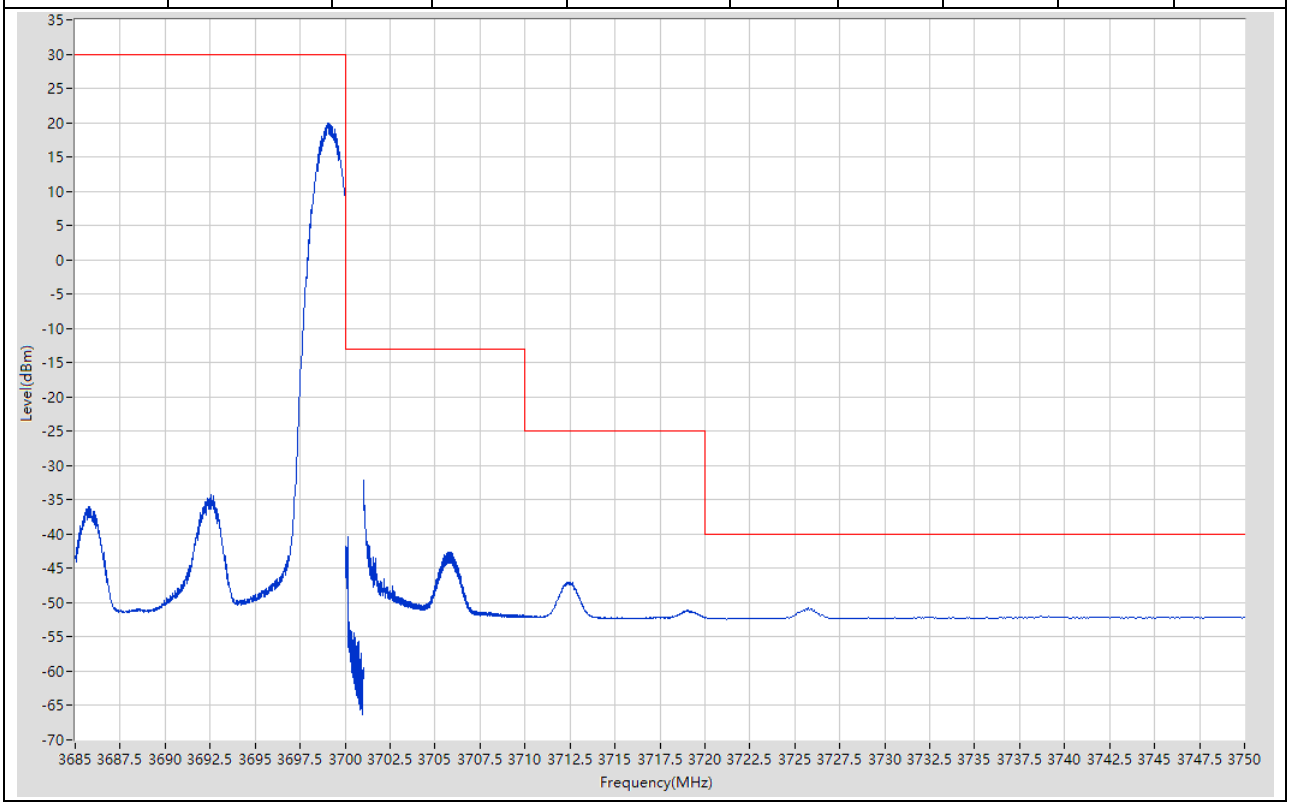


## 10.22. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:56665, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3685 | 3700 | 1 | RMS | 3694.525 | 8.85 | 30 | 21.15 | Pass | 401 |
| 3700 | 3701 | 0.15 | RMS | 3700 | -35.17 | -13 | 22.17 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701.878 | -28.85 | -13 | 15.85 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.775 | -35.99 | -25 | 10.99 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3722 | -44.86 | -40 | 4.86 | Pass | 31 |

## 10.23. 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 | 3699.1 | 19.92 | 30 | 10.08 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700.133 | -40.32 | -13 | 27.32 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701.023 | -32.1 | -13 | 19.1 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3712.525 | -46.97 | -25 | 21.97 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3725.775 | -50.74 | -40 | 10.74 | Pass | 401 |

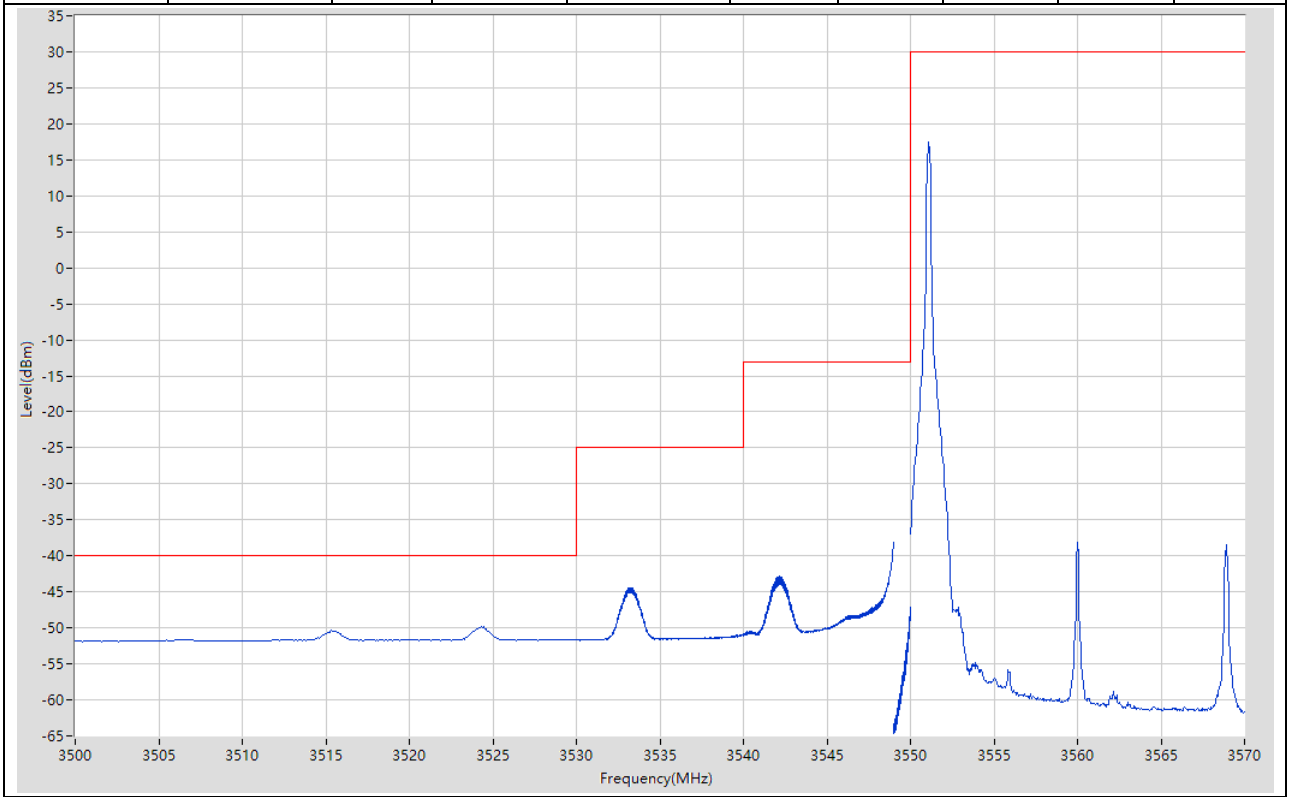


## 10.24. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:56665, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3685 | 3700 | 1 | RMS | 3690.363 | 7.8 | 30 | 22.2 | Pass | 401 |
| 3700 | 3701 | 0.15 | RMS | 3700.003 | -36.62 | -13 | 23.62 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701.878 | -29.79 | -13 | 16.79 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710 | -38.35 | -25 | 13.35 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720.225 | -45.97 | -40 | 5.97 | Pass | 401 |

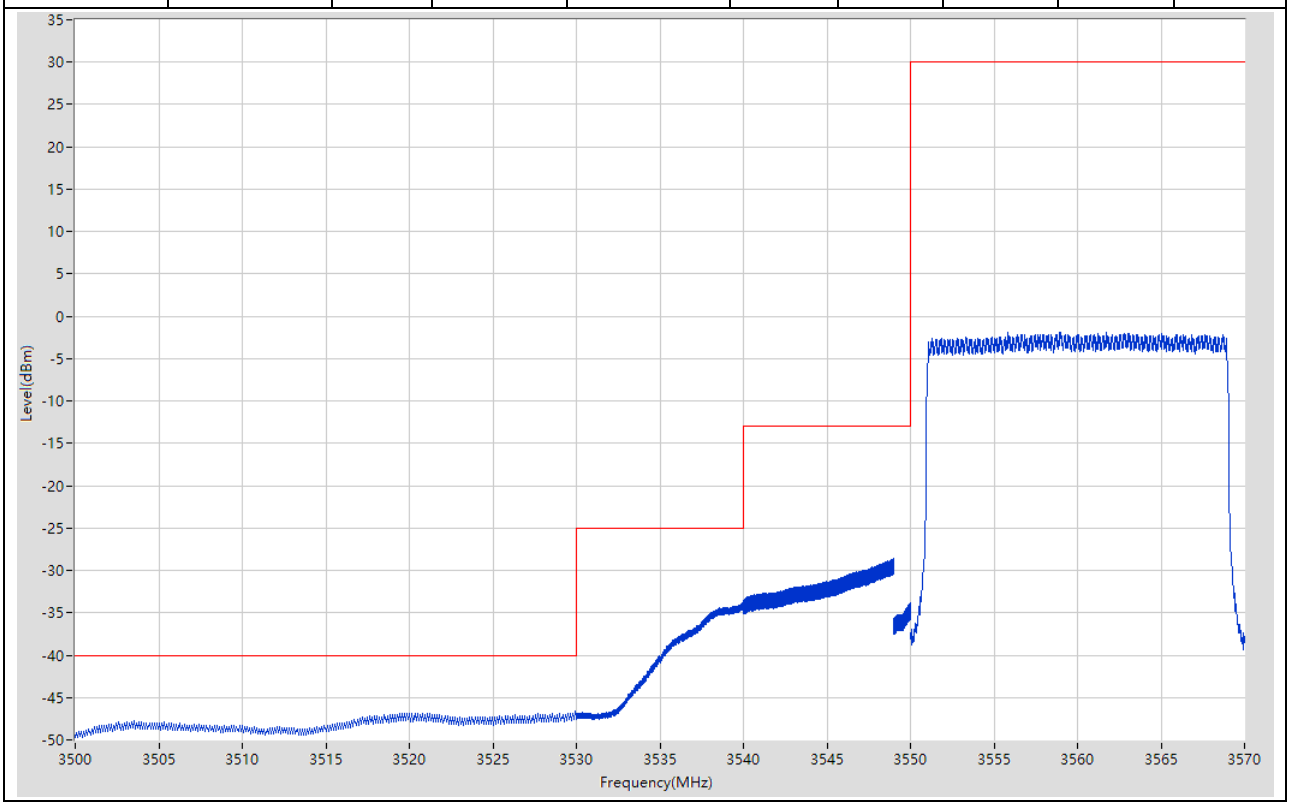
## 10.25. LTE Band Edge_Part96(NTNV)(Subtest:1, Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3524.3 | -49.73 | -40 | 9.73 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3533.275 | -44.41 | -25 | 19.41 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -38.18 | -13 | 25.18 | Pass | 401 |
| 3549 | 3550 | 0.01 | RMS | 3549.998 | -47.07 | -13 | 34.07 | Pass | 401 |
| 3550 | 3570 | 0.1 | RMS | 3551.05 | 17.4 | 30 | 12.6 | Pass | 401 |



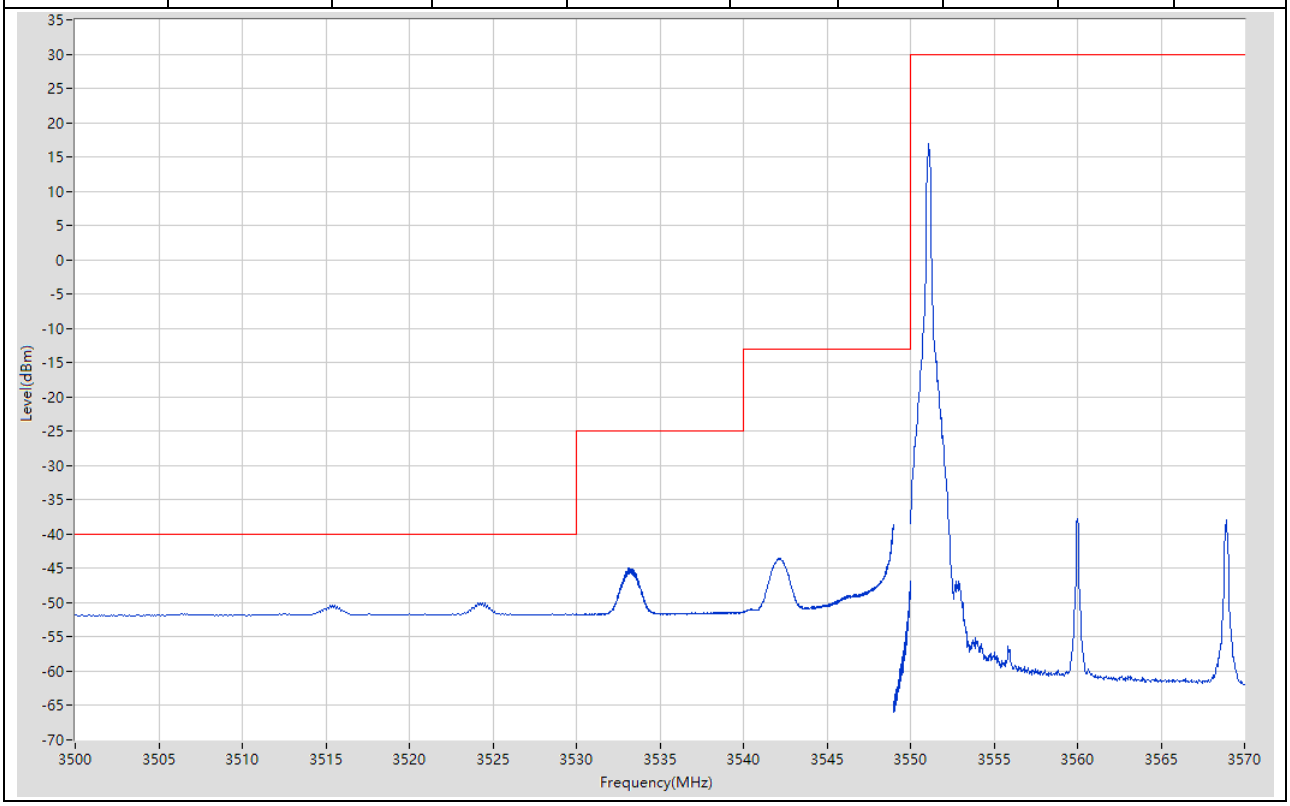
## 10.26. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:55340, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3529.925 | -46.61 | -40 | 6.61 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3539.975 | -33.82 | -25 | 8.82 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -28.64 | -13 | 15.64 | Pass | 401 |
| 3549 | 3550 | 0.2 | RMS | 3549.995 | -33.89 | -13 | 20.89 | Pass | 401 |
| 3550 | 3570 | 0.1 | RMS | 3561.7 | -1.87 | 30 | 31.87 | Pass | 401 |



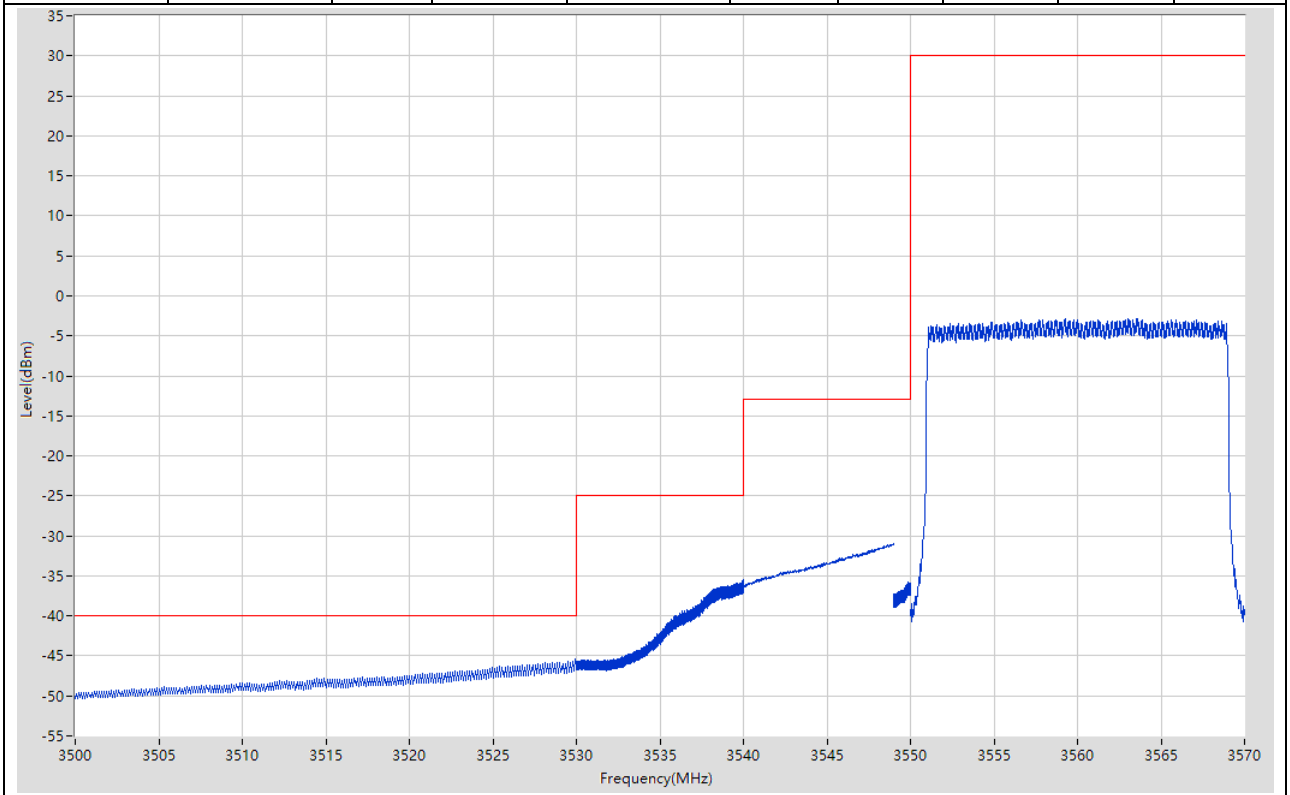
## 10.27. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:55340, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3524.225 | -49.97 | -40 | 9.97 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3533.175 | -44.97 | -25 | 19.97 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3549 | -38.56 | -13 | 25.56 | Pass | 401 |
| 3549 | 3550 | 0.01 | RMS | 3549.995 | -46.86 | -13 | 33.86 | Pass | 401 |
| 3550 | 3570 | 0.1 | RMS | 3551.05 | 16.88 | 30 | 13.12 | Pass | 401 |



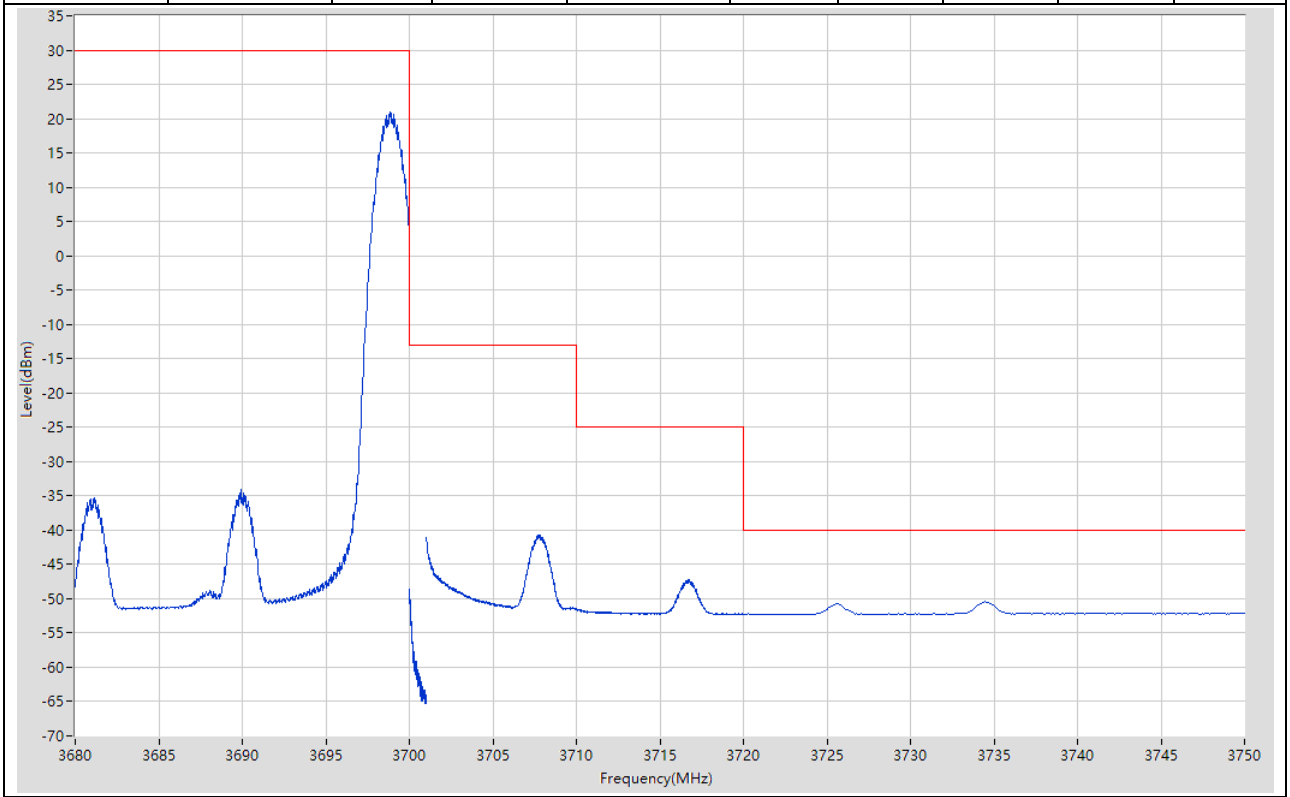
## 10.28. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:55340, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3500 | 3530 | 1 | RMS | 3529.925 | -45.46 | -40 | 5.46 | Pass | 401 |
| 3530 | 3540 | 1 | RMS | 3540 | -35.52 | -25 | 10.52 | Pass | 401 |
| 3540 | 3549 | 1 | RMS | 3548.978 | -31.01 | -13 | 18.01 | Pass | 401 |
| 3549 | 3550 | 0.2 | RMS | 3549.878 | -35.84 | -13 | 22.84 | Pass | 401 |
| 3550 | 3570 | 0.1 | RMS | 3563.5 | -2.83 | 30 | 32.83 | Pass | 401 |



## 10.29. 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 | 3698.85 | 20.95 | 30 | 9.05 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700.003 | -48.61 | -13 | 35.61 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3707.773 | -40.64 | -13 | 27.64 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3716.775 | -47.17 | -25 | 22.17 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3734.475 | -50.34 | -40 | 10.34 | Pass | 401 |

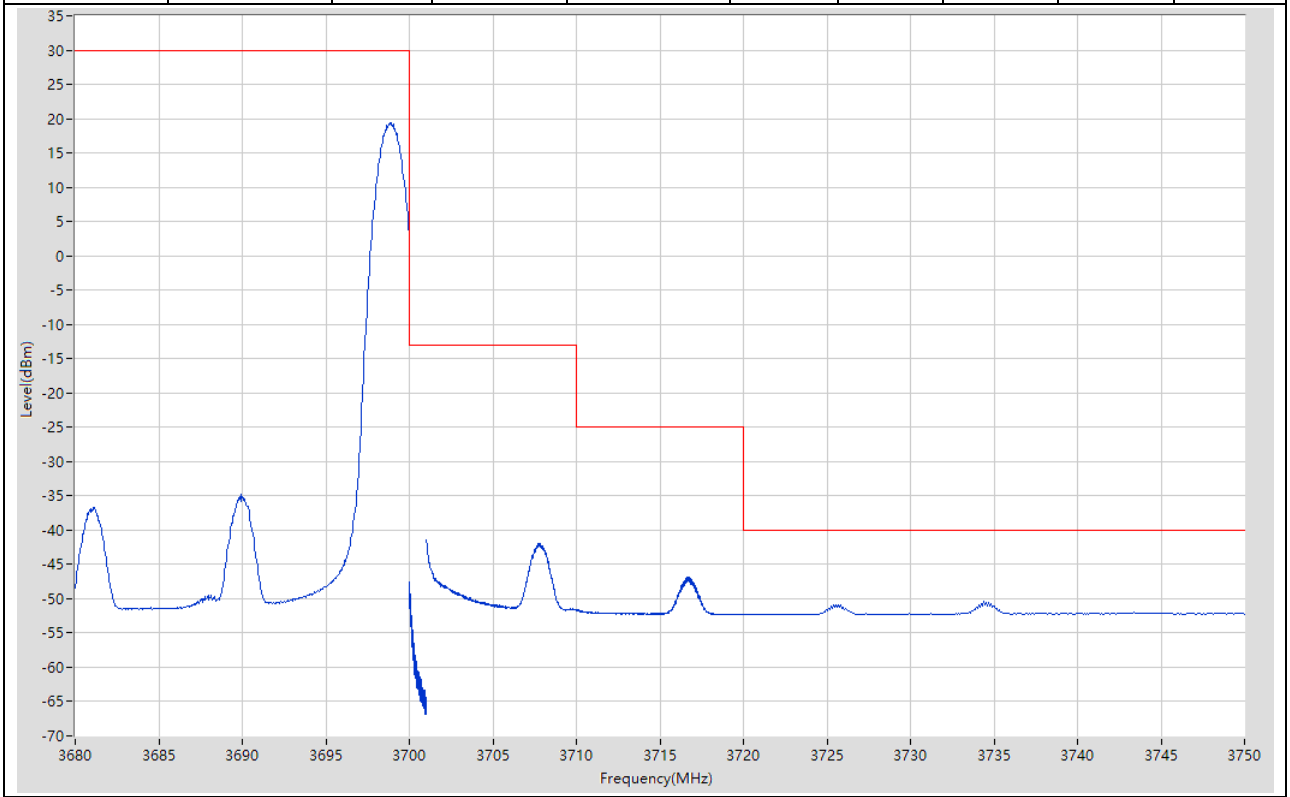


## 10.30. LTE Band Edge_Part96(NTNV)(Subtest:2, Channel:56640, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3680 | 3700 | 1 | RMS | 3693.15 | 7.7 | 30 | 22.3 | Pass | 401 |
| 3700 | 3701 | 0.2 | RMS | 3700.015 | -35.39 | -13 | 22.39 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701.023 | -30.99 | -13 | 17.99 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3711.325 | -35.17 | -25 | 10.17 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3721 | -45.12 | -40 | 5.12 | Pass | 31 |

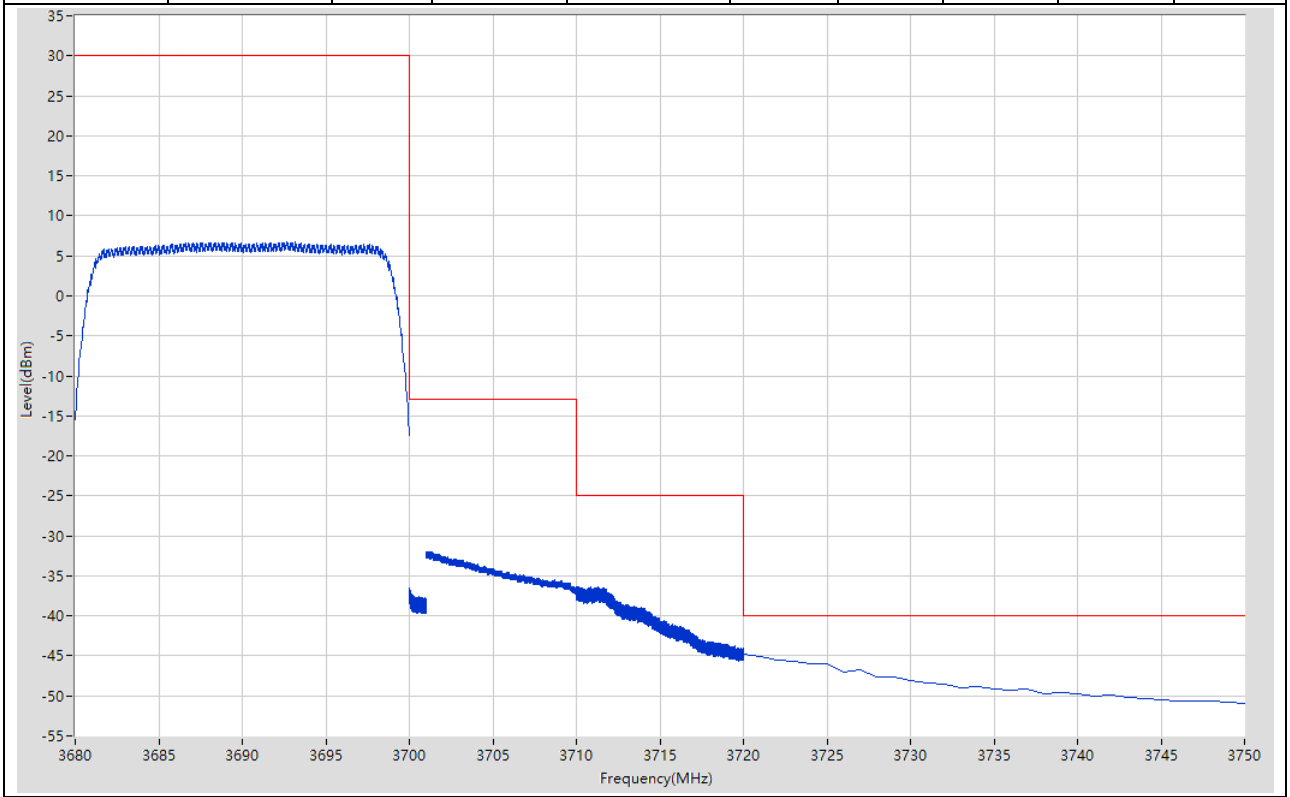
## 10.31. LTE Band Edge_Part96(NTNV)(Subtest:3, Channel:56640, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3680 | 3700 | 1 | RMS | 3698.85 | 19.46 | 30 | 10.54 | Pass | 401 |
| 3700 | 3701 | 0.01 | RMS | 3700.003 | -47.54 | -13 | 34.54 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701 | -41.37 | -13 | 28.37 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3716.775 | -46.84 | -25 | 21.84 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3734.4 | -50.4 | -40 | 10.4 | Pass | 401 |



## 10.32. LTE Band Edge_Part96(NTNV)(Subtest:4, Channel:56640, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

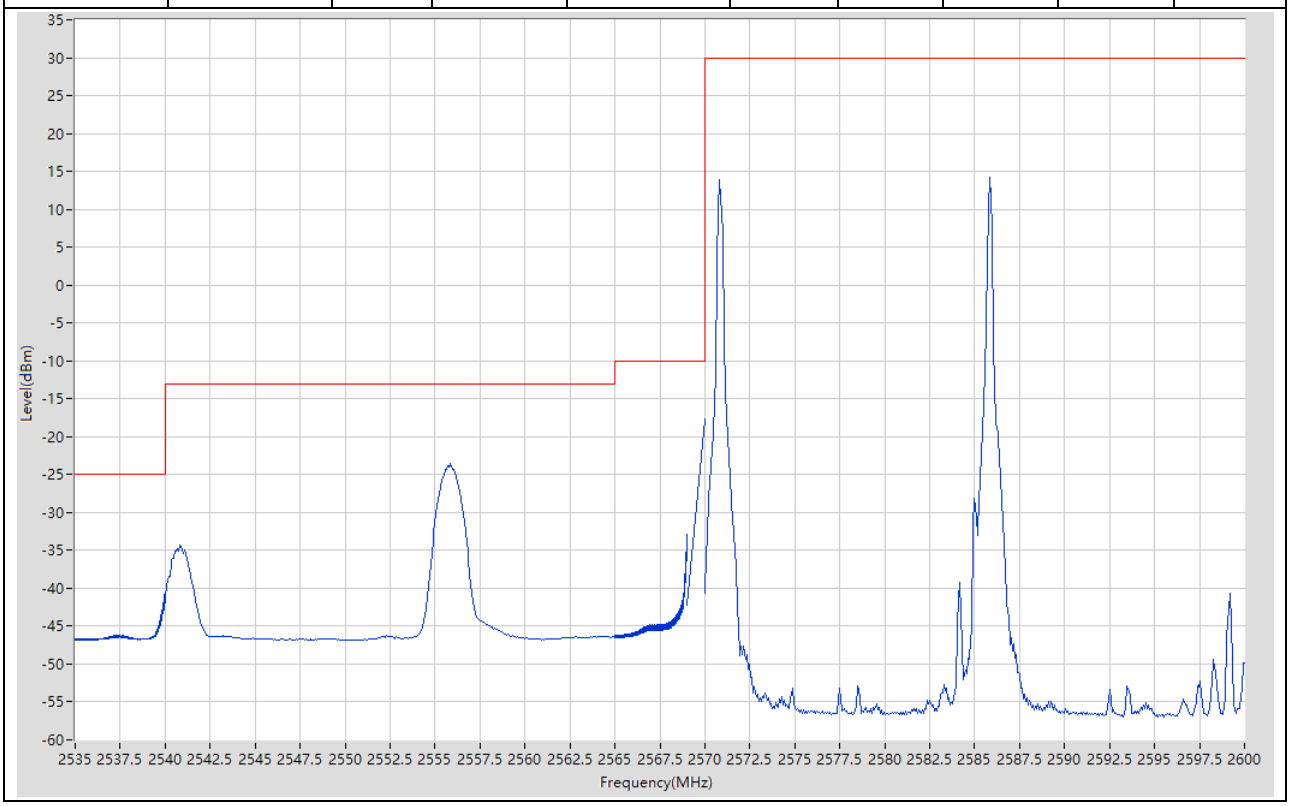
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 3680 | 3700 | 1 | RMS | 3692.65 | 6.69 | 30 | 23.31 | Pass | 401 |
| 3700 | 3701 | 0.2 | RMS | 3700.005 | -36.52 | -13 | 23.52 | Pass | 401 |
| 3701 | 3710 | 1 | RMS | 3701.068 | -32 | -13 | 19 | Pass | 401 |
| 3710 | 3720 | 1 | RMS | 3710.075 | -36.33 | -25 | 11.33 | Pass | 401 |
| 3720 | 3750 | 1 | RMS | 3720 | -44.73 | -40 | 4.73 | Pass | 31 |



# 11. CA_38C

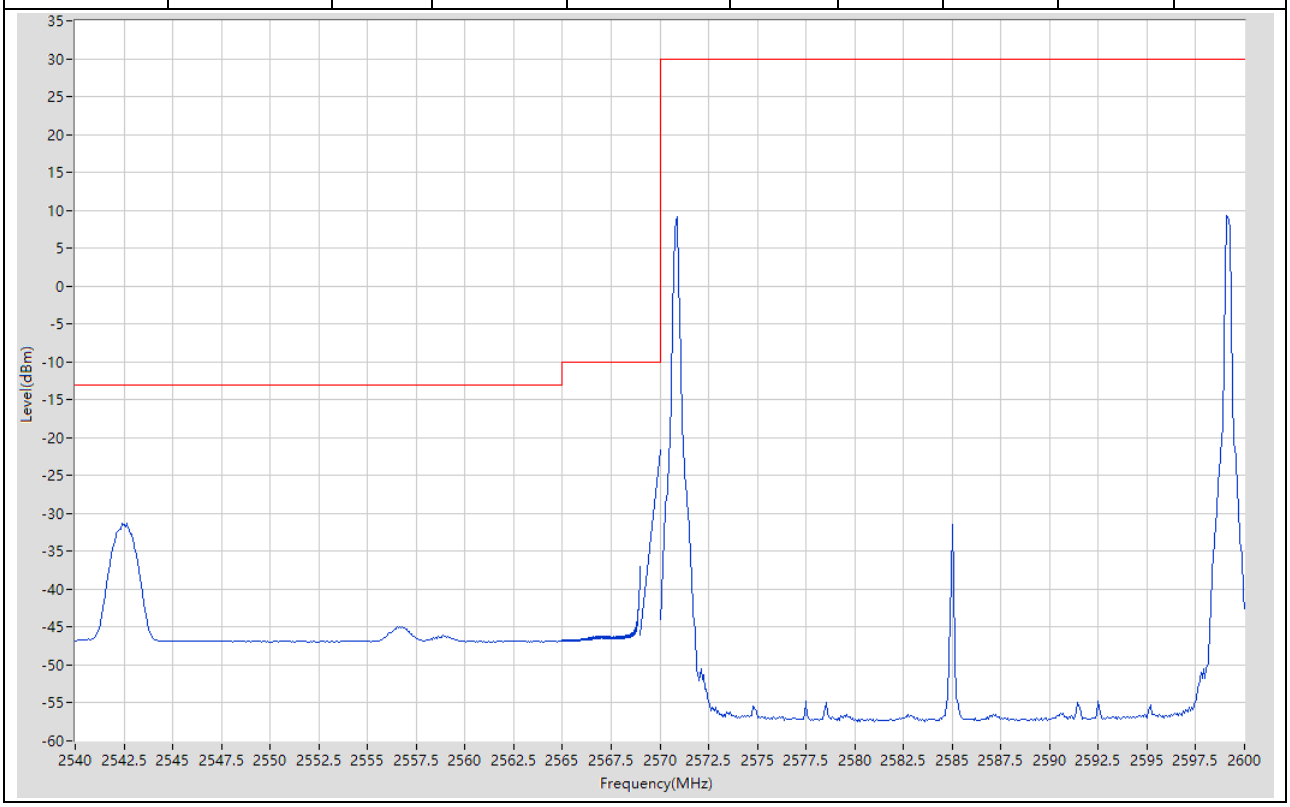
## 11.1. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:1, Channel:37825|37975, Bandwidth:15|15, Modulation:QPSK, RB Number:1|1, RB Position:Low|Low)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2535 | 2540 | 1 | RMS | 2540 | -40.85 | -25 | 15.85 | Pass | 401 |
| 2535 | 2540 | 1 | RMS | 2540 | -40.5 | -25 | 15.5 | Pass | 401 |
| 2540 | 2565 | 1 | RMS | 2555.813 | -23.59 | -13 | 10.59 | Pass | 401 |
| 2565 | 2569 | 1 | RMS | 2569 | -32.95 | -10 | 22.95 | Pass | 401 |
| 2569 | 2570 | 1 | RMS | 2570 | -17.66 | -10 | 7.66 | Pass | 2 |
| 2570 | 2600 | 0.1 | RMS | 2585.825 | 14.18 | 30 | 15.82 | Pass | 401 |



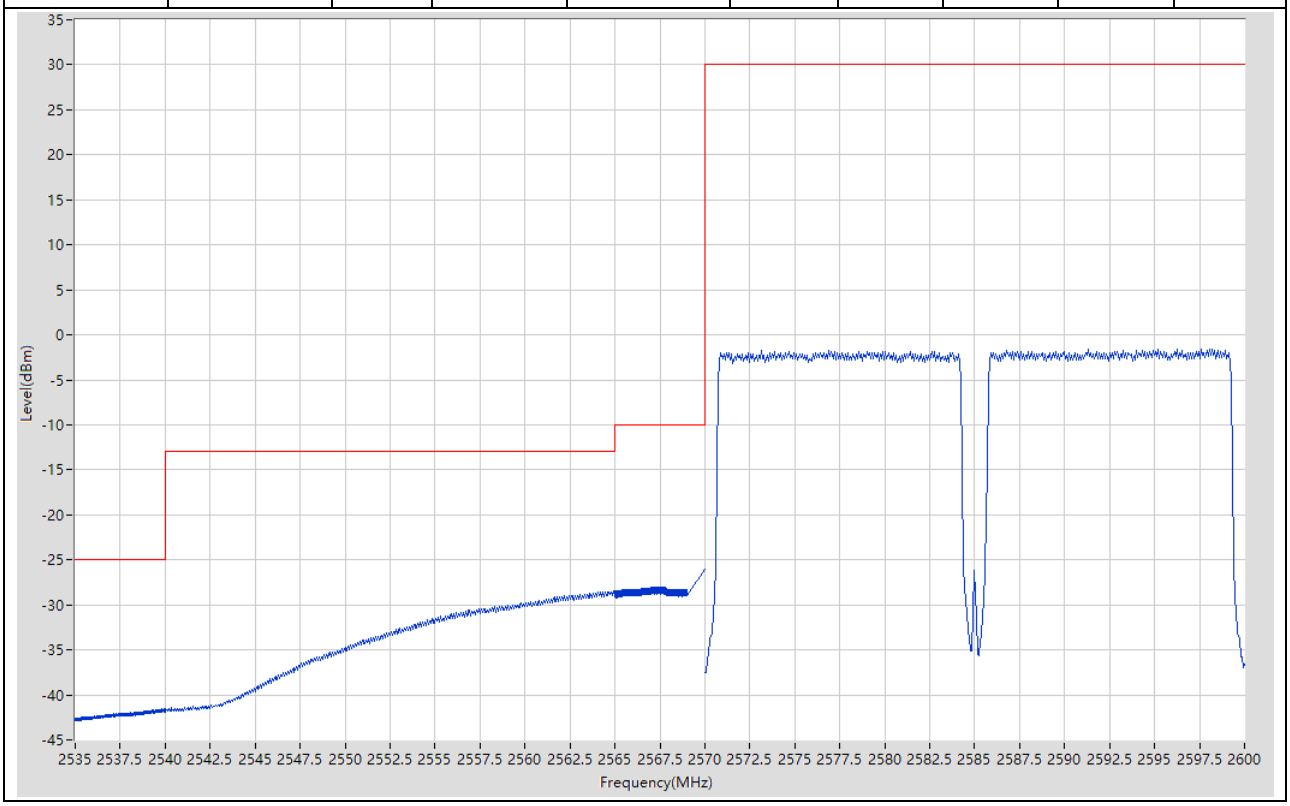
## 11.2. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:2, Channel:37825|37975, Bandwidth:15|15, Modulation:QPSK, RB Number:1|1, RB Position:Low|High)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2540 | 2565 | 1 | RMS | 2542.625 | -31.22 | -13 | 18.22 | Pass | 401 |
| 2565 | 2569 | 1 | RMS | 2569 | -36.96 | -10 | 26.96 | Pass | 401 |
| 2569 | 2570 | 1 | RMS | 2570 | -21.67 | -10 | 11.67 | Pass | 2 |
| 2570 | 2600 | 0.1 | RMS | 2599.1 | 9.33 | 30 | 20.67 | Pass | 401 |



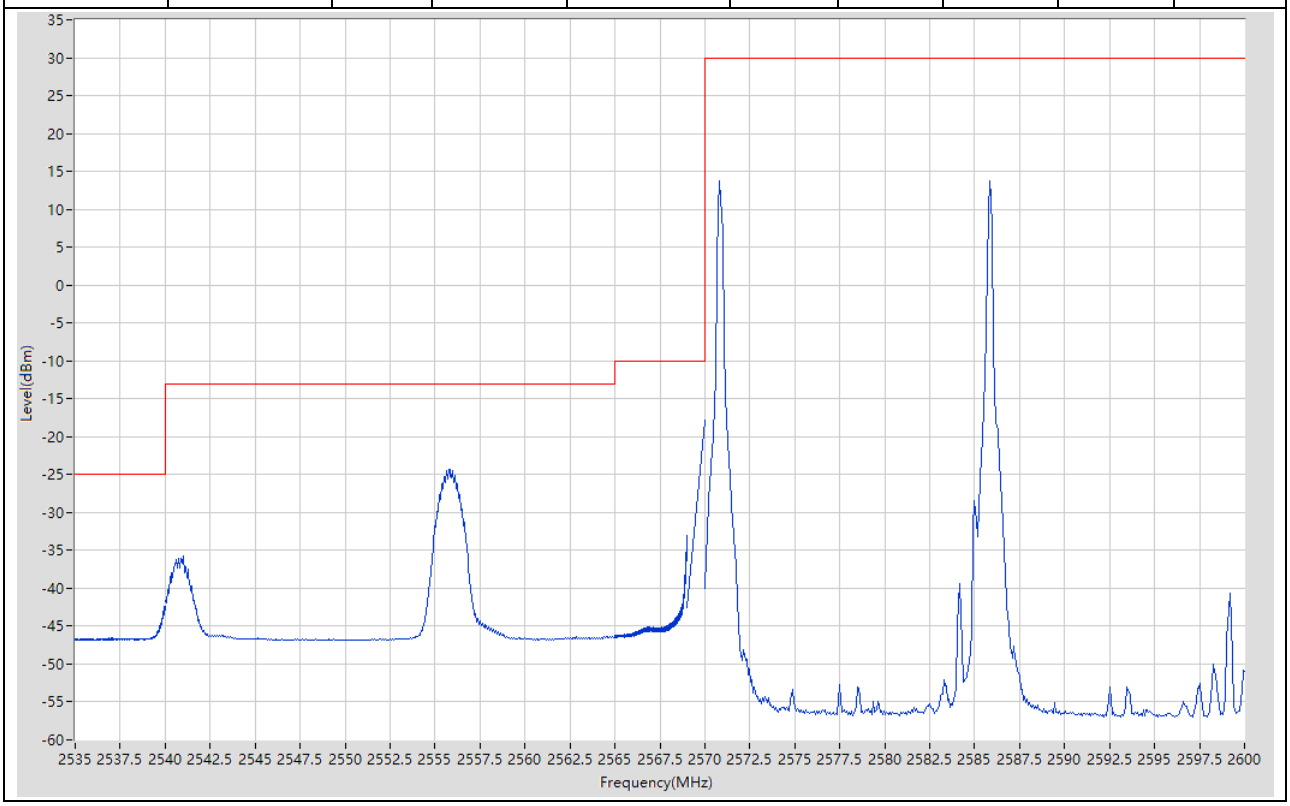
## 11.3. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:3, Channel:37825|37975, Bandwidth:15|15, Modulation:QPSK, RB Number:Full|Full, RB Position:Low|Low)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2535 | 2540 | 1 | RMS | 2539.975 | -41.54 | -25 | 16.54 | Pass | 401 |
| 2540 | 2565 | 1 | RMS | 2564.938 | -28.49 | -13 | 15.49 | Pass | 401 |
| 2565 | 2569 | 1 | RMS | 2567.42 | -28.06 | -10 | 18.06 | Pass | 401 |
| 2569 | 2570 | 1 | RMS | 2570 | -26.08 | -10 | 16.08 | Pass | 2 |
| 2570 | 2600 | 0.1 | RMS | 2591.3 | -1.56 | 30 | 31.56 | Pass | 401 |



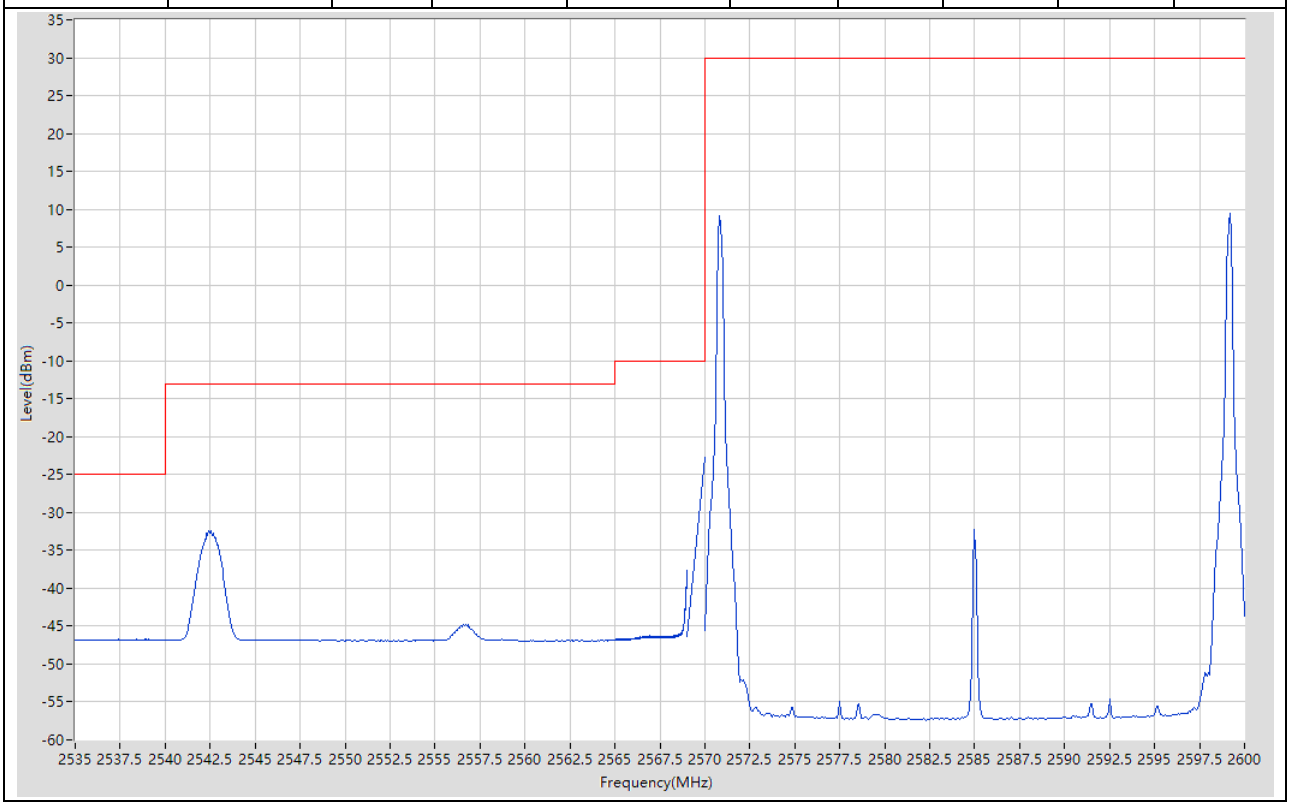
## 11.4. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:4, Channel:37825|37975, Bandwidth:15|15, Modulation:16QAM, RB Number:1|1, RB Position:Low|Low)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2535 | 2540 | 1 | RMS | 2539.913 | -42.47 | -25 | 17.47 | Pass | 401 |
| 2540 | 2565 | 1 | RMS | 2555.75 | -24.32 | -13 | 11.32 | Pass | 401 |
| 2565 | 2569 | 1 | RMS | 2569 | -32.97 | -10 | 22.97 | Pass | 401 |
| 2569 | 2570 | 1 | RMS | 2570 | -17.89 | -10 | 7.89 | Pass | 2 |
| 2570 | 2600 | 0.1 | RMS | 2570.825 | 13.8 | 30 | 16.2 | Pass | 401 |



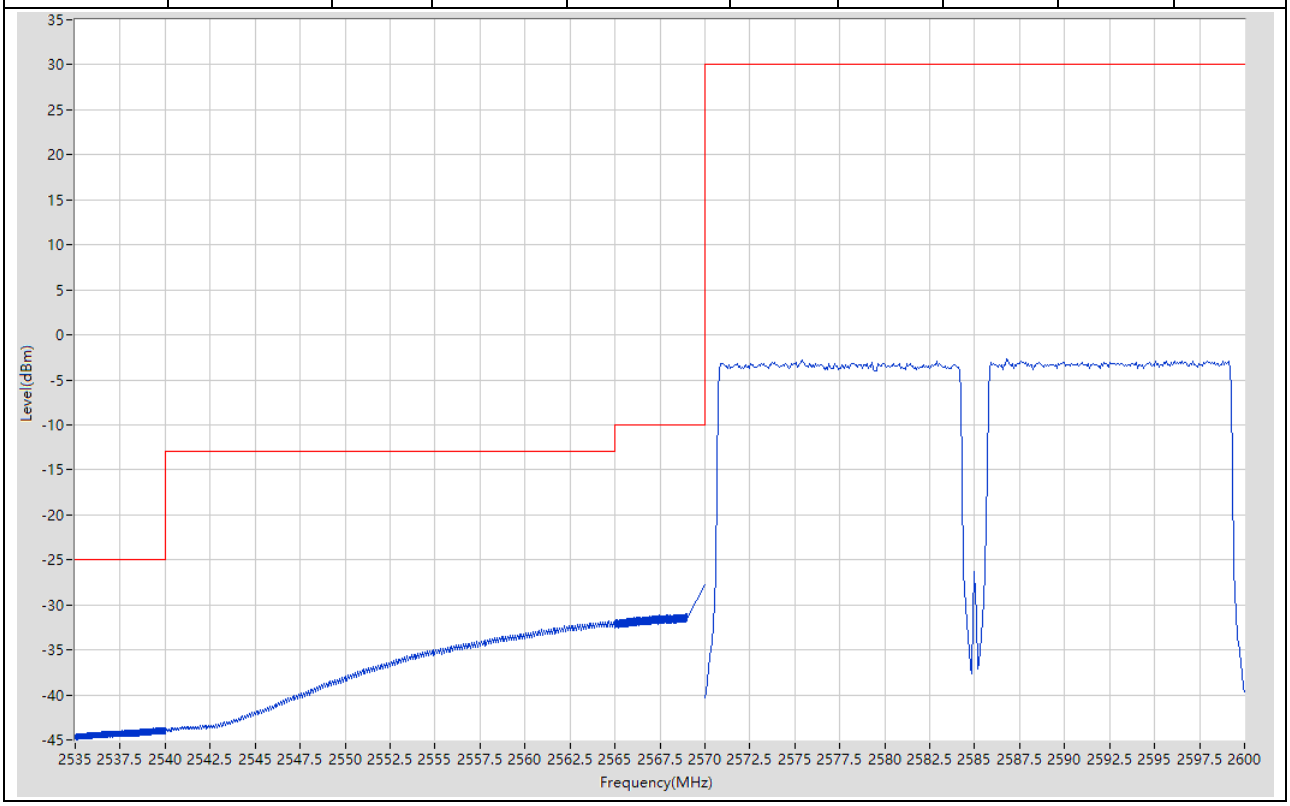
## 11.5. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:5, Channel:37825|37975, Bandwidth:15|15, Modulation:16QAM, RB Number:1|1, RB Position:Low|High)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2535 | 2540 | 1 | RMS | 2537.4 | -46.73 | -25 | 21.73 | Pass | 401 |
| 2540 | 2565 | 1 | RMS | 2542.438 | -32.39 | -13 | 19.39 | Pass | 401 |
| 2565 | 2569 | 1 | RMS | 2569 | -37.67 | -10 | 27.67 | Pass | 401 |
| 2569 | 2570 | 1 | RMS | 2570 | -22.7 | -10 | 12.7 | Pass | 2 |
| 2570 | 2600 | 0.1 | RMS | 2599.175 | 9.44 | 30 | 20.56 | Pass | 401 |



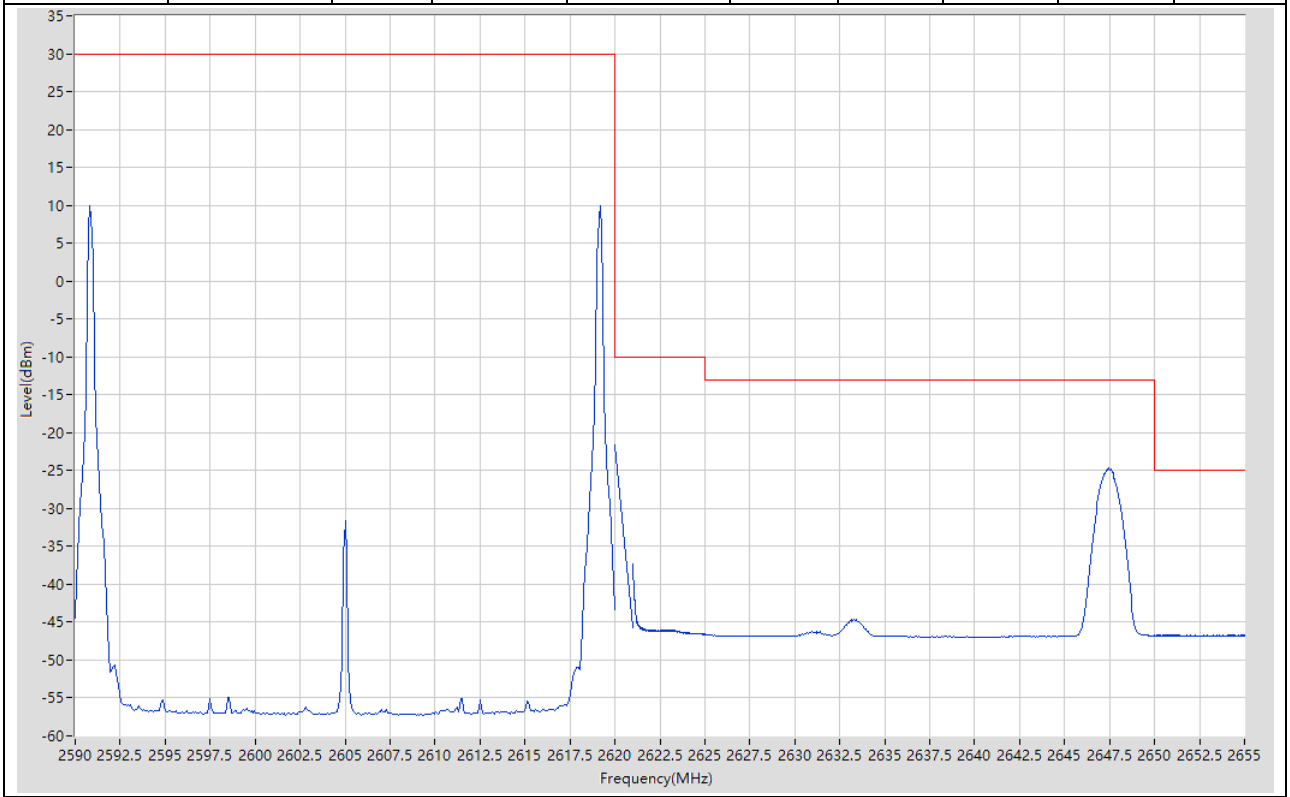
## 11.6. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:6, Channel:37825|37975, Bandwidth:15|15, Modulation:16QAM, RB Number:Full|Full, RB Position:Low|Low)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2535 | 2540 | 1 | RMS | 2539.95 | -43.63 | -25 | 18.63 | Pass | 401 |
| 2540 | 2565 | 1 | RMS | 2564.688 | -31.84 | -13 | 18.84 | Pass | 401 |
| 2565 | 2569 | 1 | RMS | 2568.94 | -31.02 | -10 | 21.02 | Pass | 401 |
| 2569 | 2570 | 1 | RMS | 2570 | -27.79 | -10 | 17.79 | Pass | 2 |
| 2570 | 2600 | 0.1 | RMS | 2586.8 | -2.7 | 30 | 32.7 | Pass | 401 |



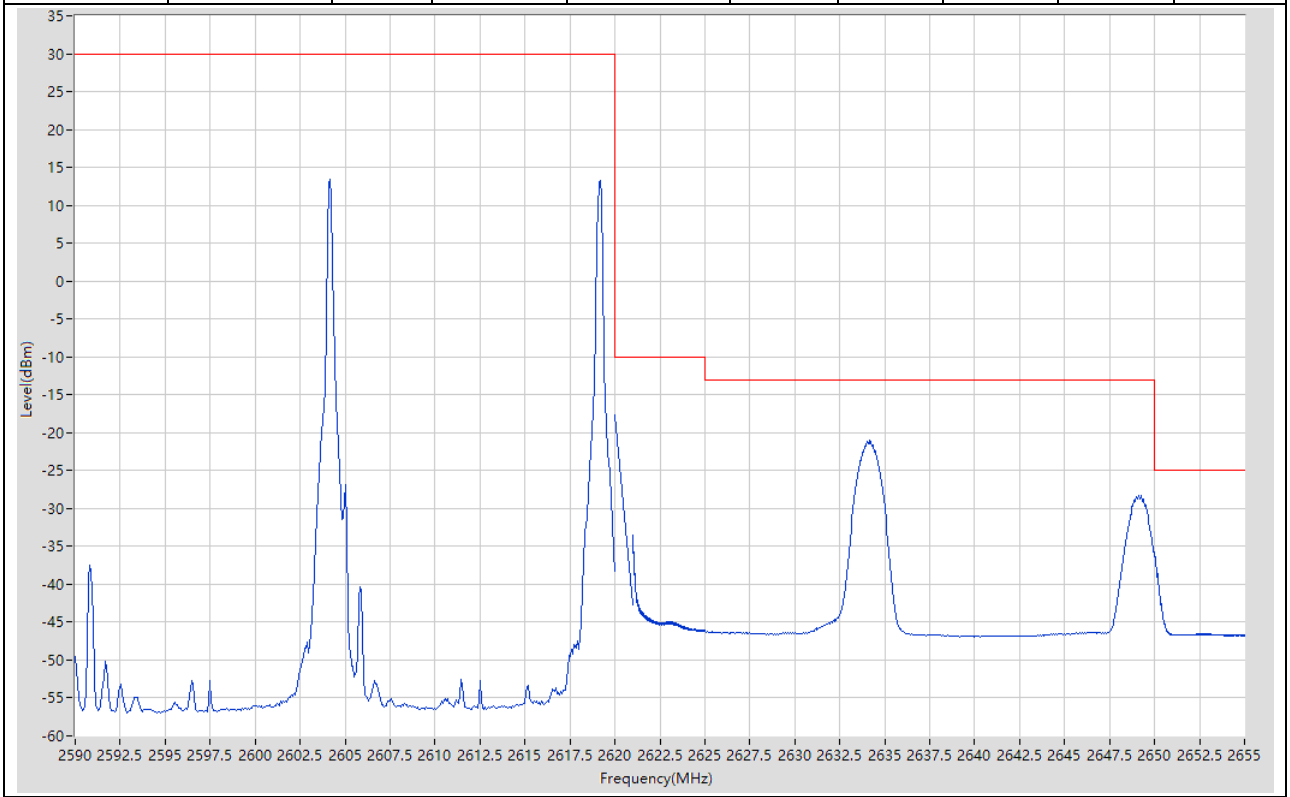
## 11.7. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:7, Channel:38025|38175, Bandwidth:15|15, Modulation:QPSK, RB Number:1|1, RB Position:Low|High)

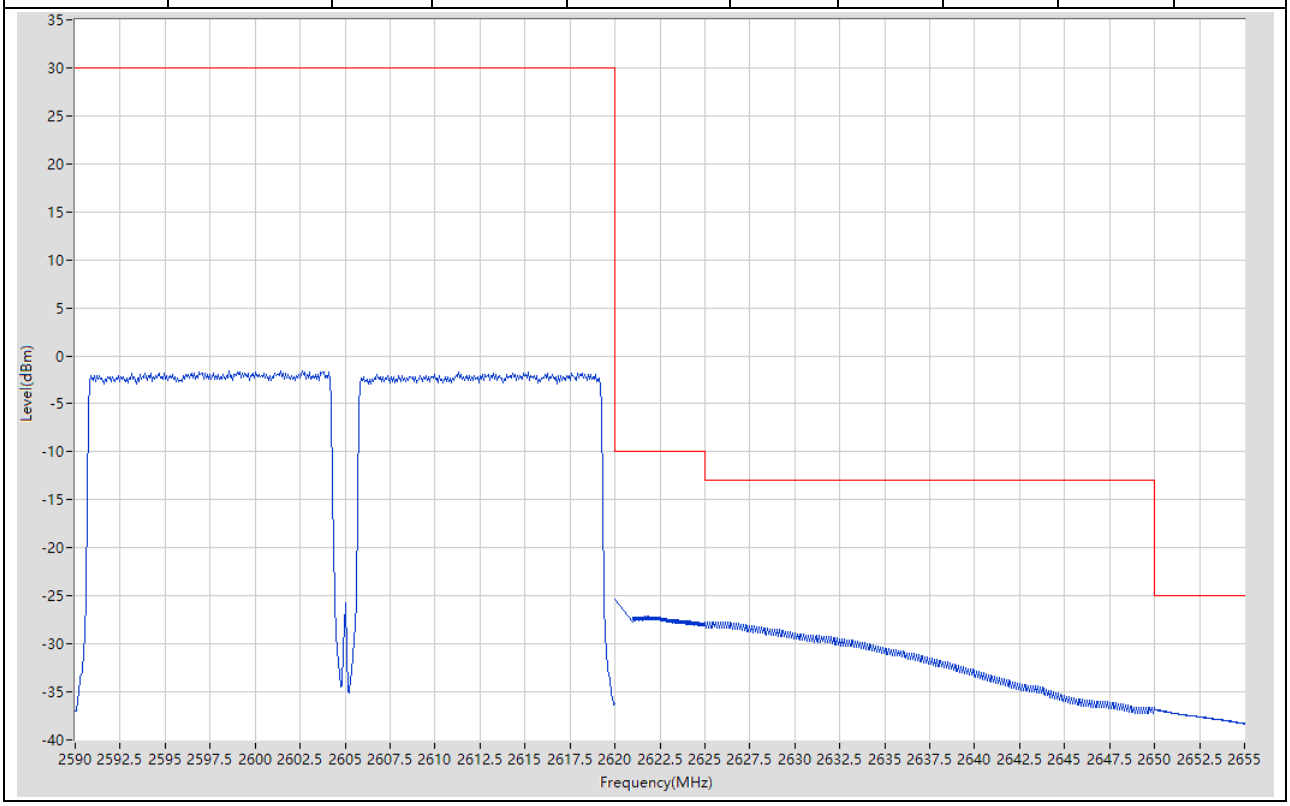
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.1 | RMS | 2619.175 | 9.95 | 30 | 20.05 | Pass | 401 |
| 2620 | 2621 | 1 | RMS | 2620 | -21.61 | -10 | 11.61 | Pass | 2 |
| 2621 | 2625 | 1 | RMS | 2621 | -37.38 | -10 | 27.38 | Pass | 401 |
| 2625 | 2650 | 1 | RMS | 2647.438 | -24.61 | -13 | 11.61 | Pass | 401 |
| 2650 | 2655 | 1 | RMS | 2650.675 | -46.69 | -25 | 21.69 | Pass | 401 |



## 11.8. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:8, Channel:38025|38175, Bandwidth:15|15, 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 |
|---|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.1 | RMS | 2604.175 | 13.45 | 30 | 16.55 | Pass | 401 |
| 2620 | 2621 | 1 | RMS | 2620 | -17.58 | -10 | 7.58 | Pass | 2 |
| 2621 | 2625 | 1 | RMS | 2621 | -33.52 | -10 | 23.52 | Pass | 401 |
| 2625 | 2650 | 1 | RMS | 2634.125 | -20.95 | -13 | 7.95 | Pass | 401 |
| 2650 | 2655 | 1 | RMS | 2650.013 | -35.8 | -25 | 10.8 | Pass | 401 |



## 11.9. LTE-A Band Edge_Part22-24-27(NTNV)(Subtest:9, Channel:38025|38175, Bandwidth:15|15, Modulation:QPSK, RB Number:Full|Full, RB Position:High|High)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|---|
| 2590 | 2620 | 0.1 | RMS | 2598.55 | -1.61 | 30 | 31.61 | Pass | 401 |
| 2620 | 2621 | 1 | RMS | 2620 | -25.32 | -10 | 15.32 | Pass | 2 |
| 2621 | 2625 | 1 | RMS | 2621.87 | -27.14 | -10 | 17.14 | Pass | 401 |
| 2625 | 2650 | 1 | RMS | 2625.75 | -27.7 | -13 | 14.7 | Pass | 401 |
| 2650 | 2655 | 1 | RMS | 2650.075 | -36.85 | -25 | 11.85 | Pass | 401 |