

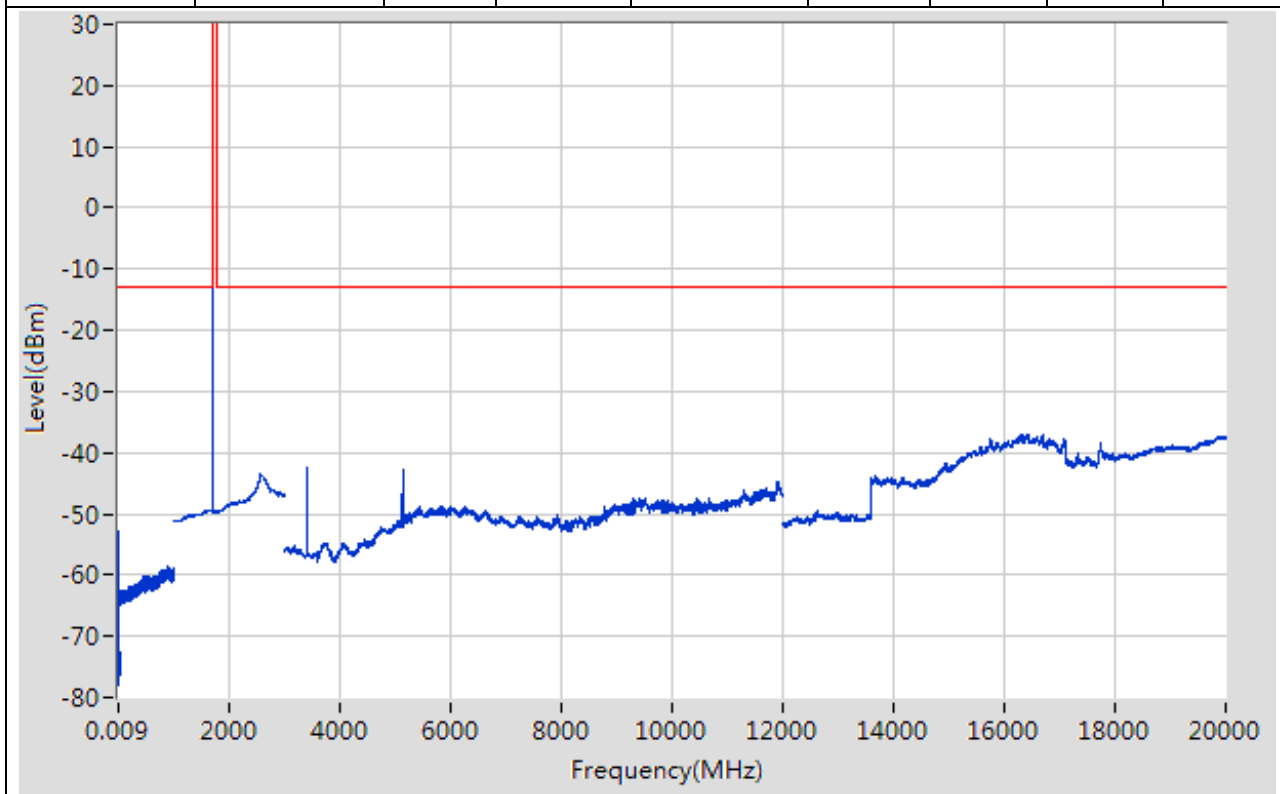
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## Annex C. LTE Transmitter Spurious Emissions

## 1. LTE\_Band4

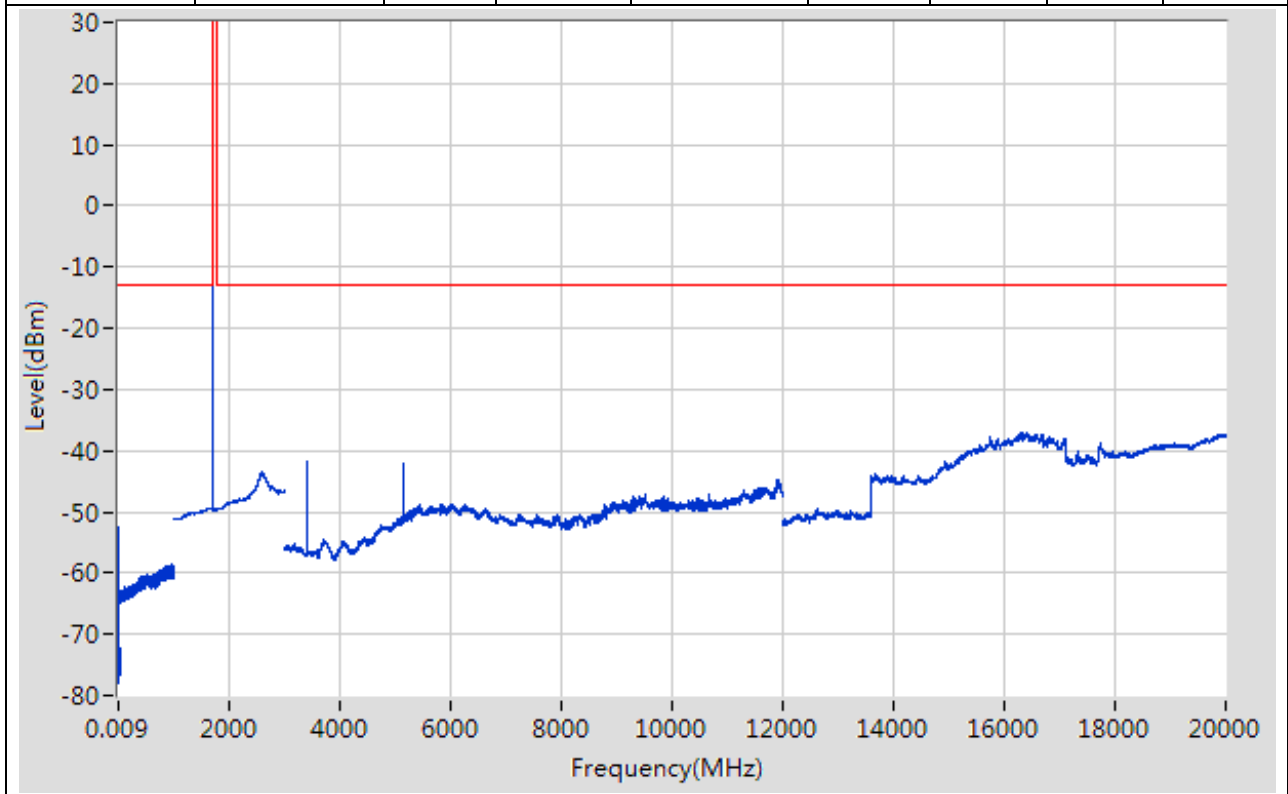
### 1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.32      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -52.79      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 896.289         | -58.7       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.26      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.292        | 22.71       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2564.647        | -43.61      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3420.047        | -42.37      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -37.16      | -13         | Pass    | 8000        |



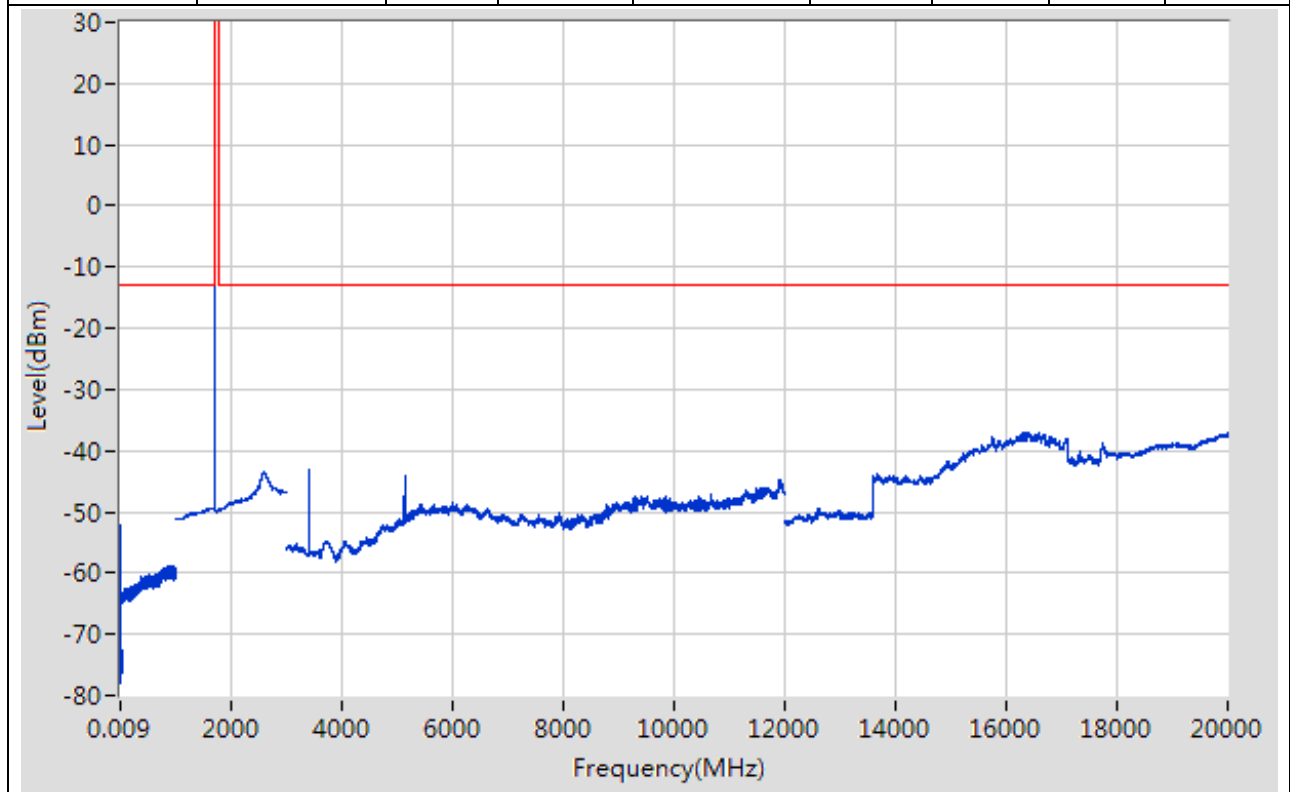
## 1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.44      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -53.55      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 948.295         | -58.66      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.29      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1711.158        | 22.75       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2577.658        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3422.047        | -41.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -37.09      | -13         | Pass    | 8000        |



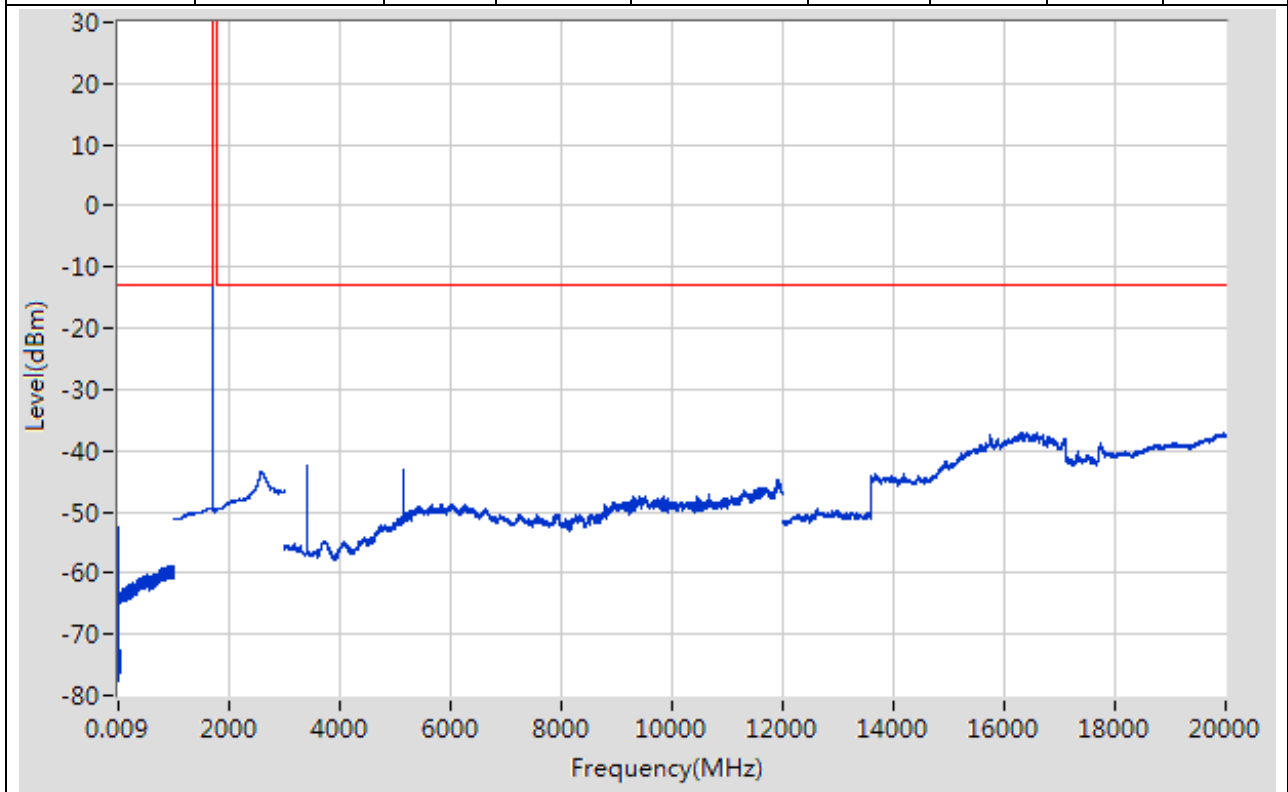
### 1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.43      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.18      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.789         | -58.91      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.36      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.292        | 21.78       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.54      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3420.047        | -43.17      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16411.551       | -37.1       | -13         | Pass    | 8000        |



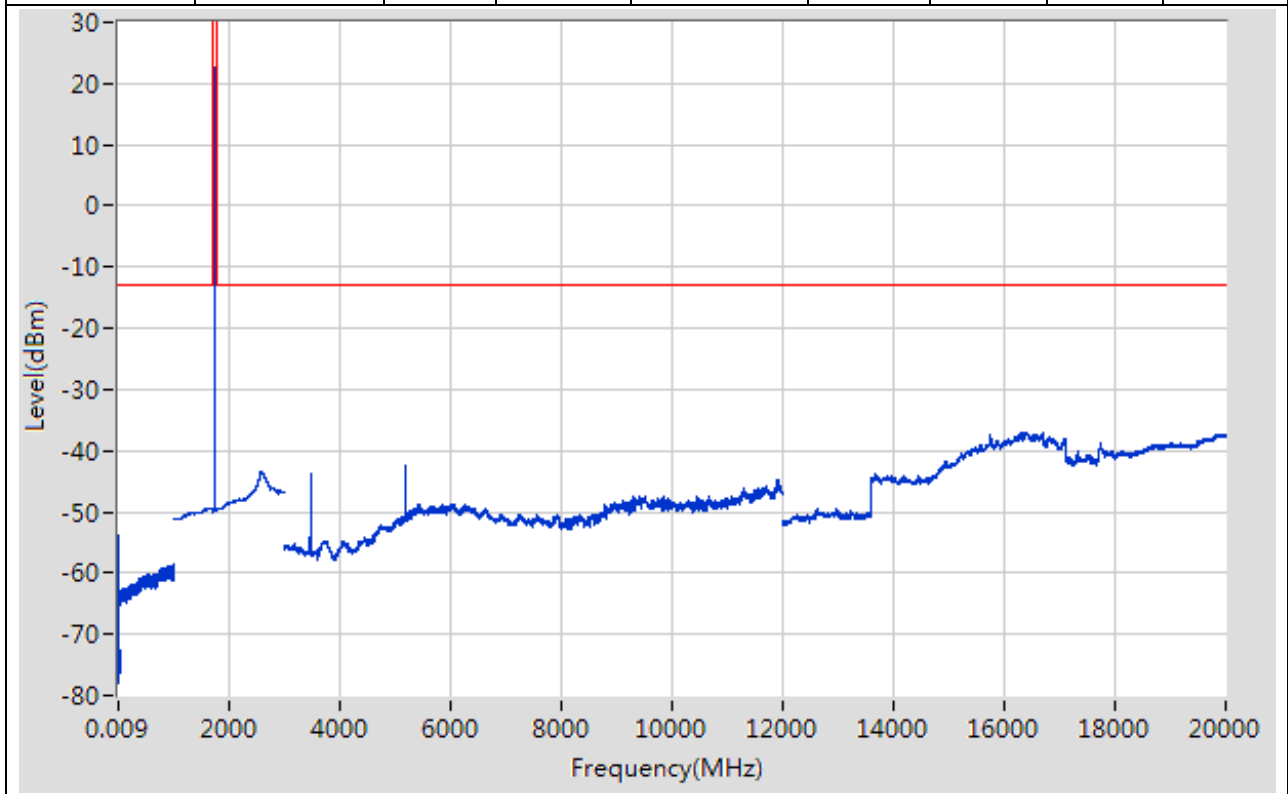
#### 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:19957, Bandwidth:1.4, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.26      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.45      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 888.989         | -58.72      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.38      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1711.158        | 21.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2570.652        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3422.047        | -42.3       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16415.552       | -37.13      | -13         | Pass    | 8000        |



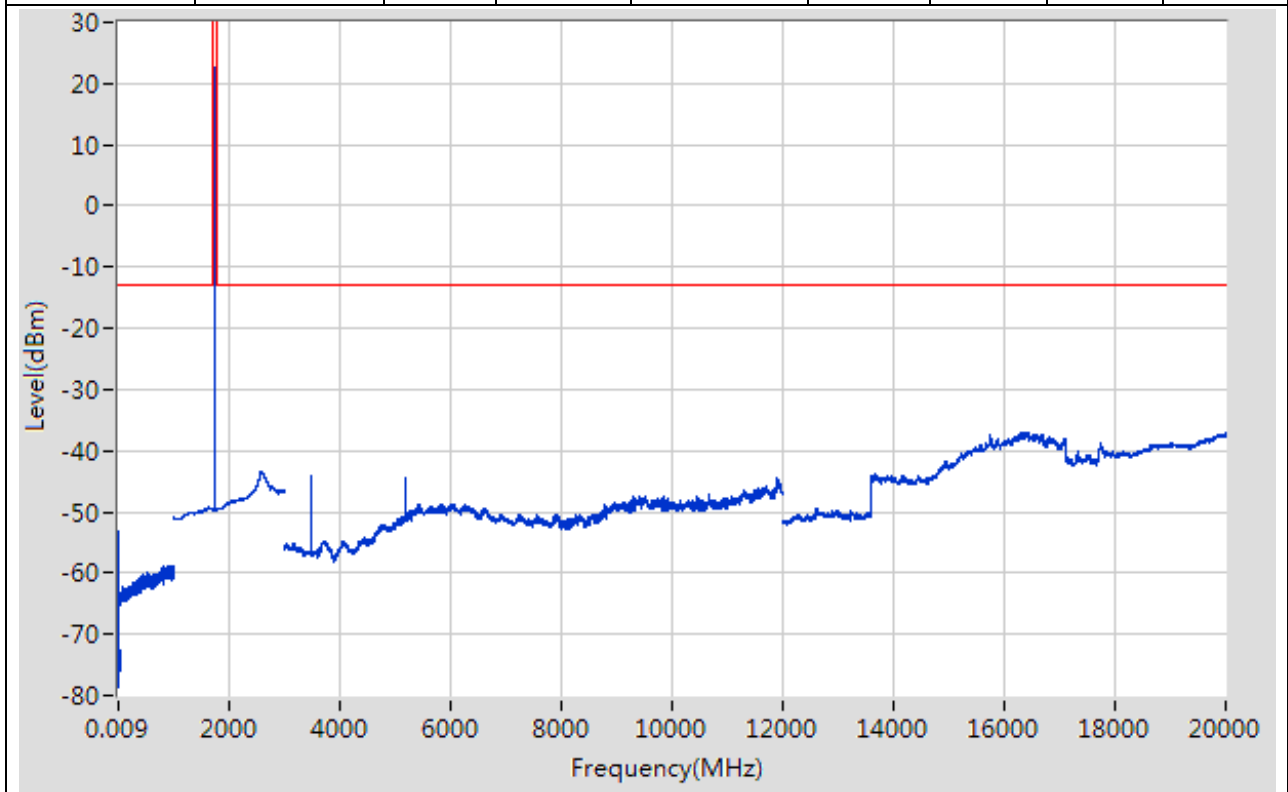
### 1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.06      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.72      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 993.899         | -58.44      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1676.967        | -49.34      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1732.067        | 22.79       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2593.671        | -43.56      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5196.244        | -42.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -37.03      | -13         | Pass    | 8000        |



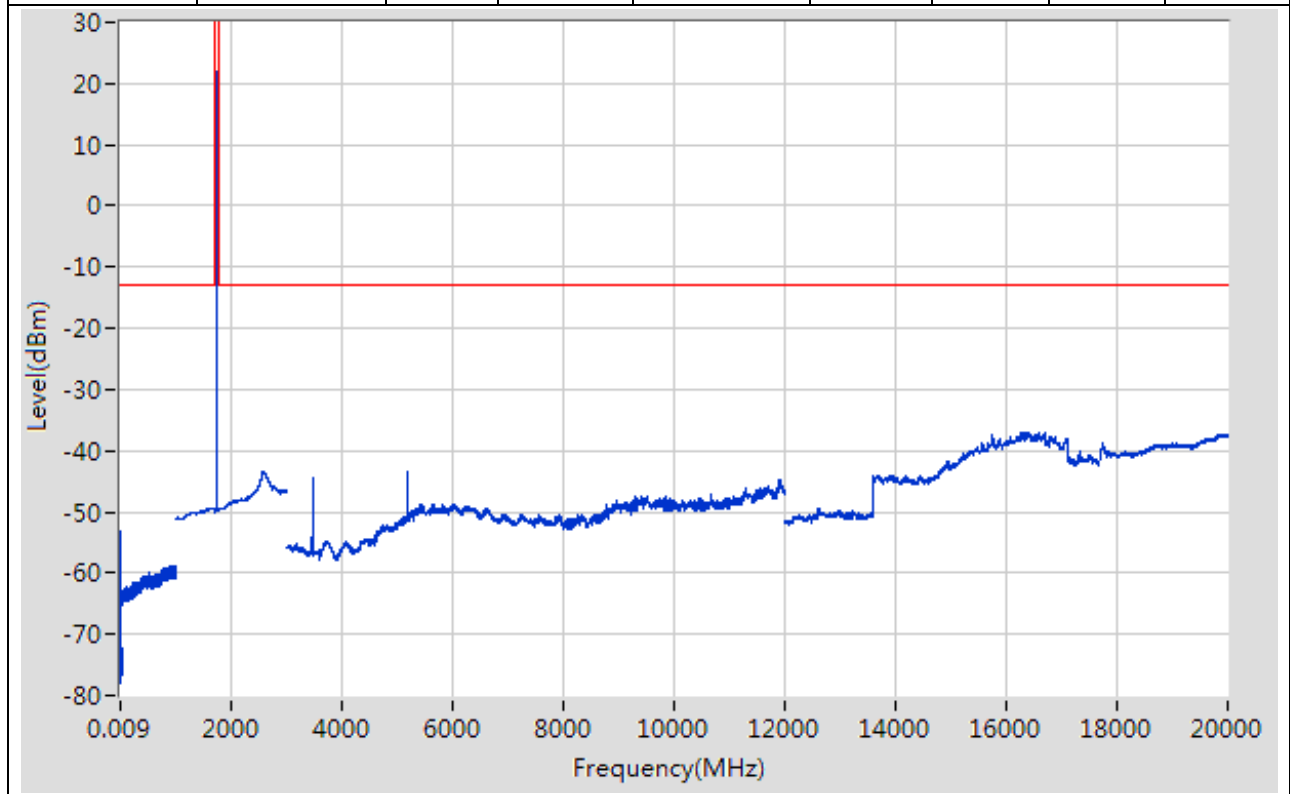
### 1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.76      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.04      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 876.287         | -58.79      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1618.884        | -49.28      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1732.933        | 22.78       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2575.656        | -43.54      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3466.052        | -43.99      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16317.54        | -37.03      | -13         | Pass    | 8000        |



### 1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:20175, Bandwidth:1.4, Modulation:16QAM, RB Number: 1, RB Position:LOW)

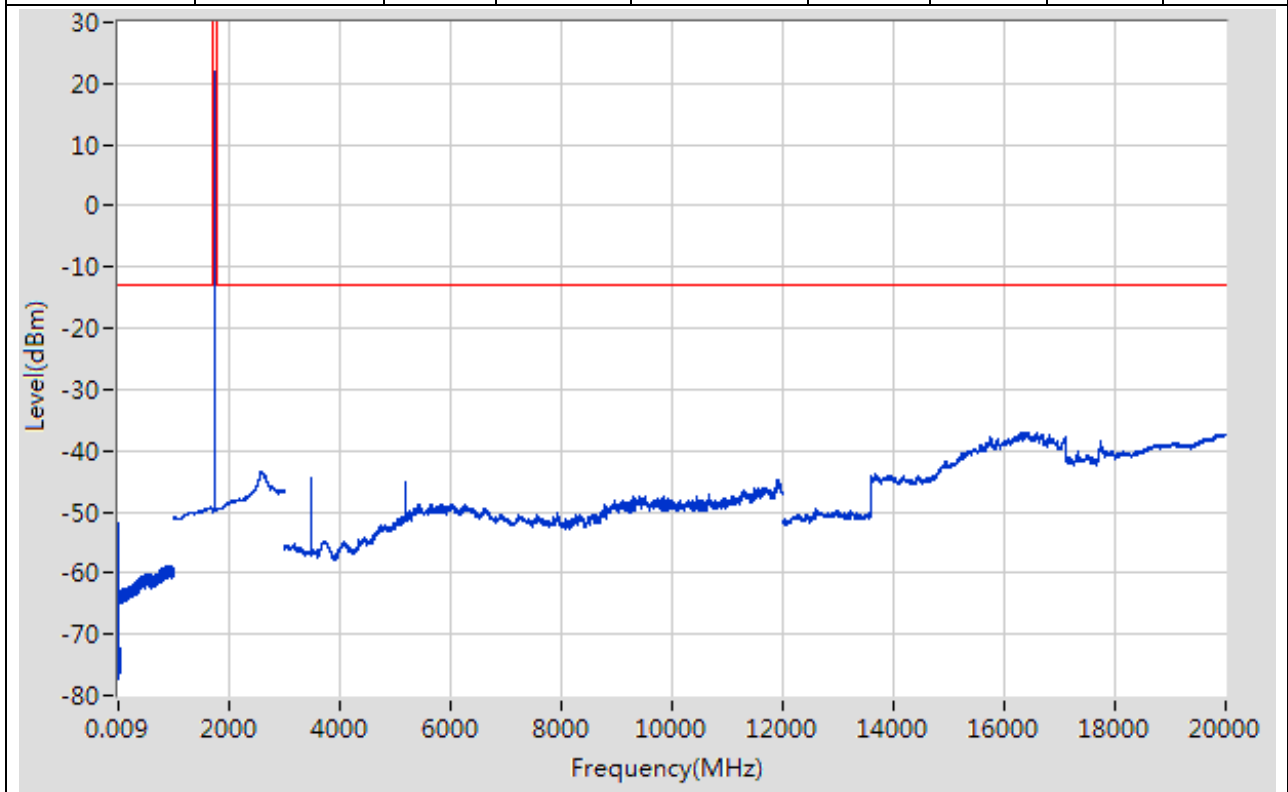
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -53.91      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -53.05      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 912.091         | -58.79      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1680.973        | -49.33      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1732.067        | 21.81       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2568.651        | -43.55      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5196.244        | -43.45      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -36.99      | -13         | Pass    | 8000        |





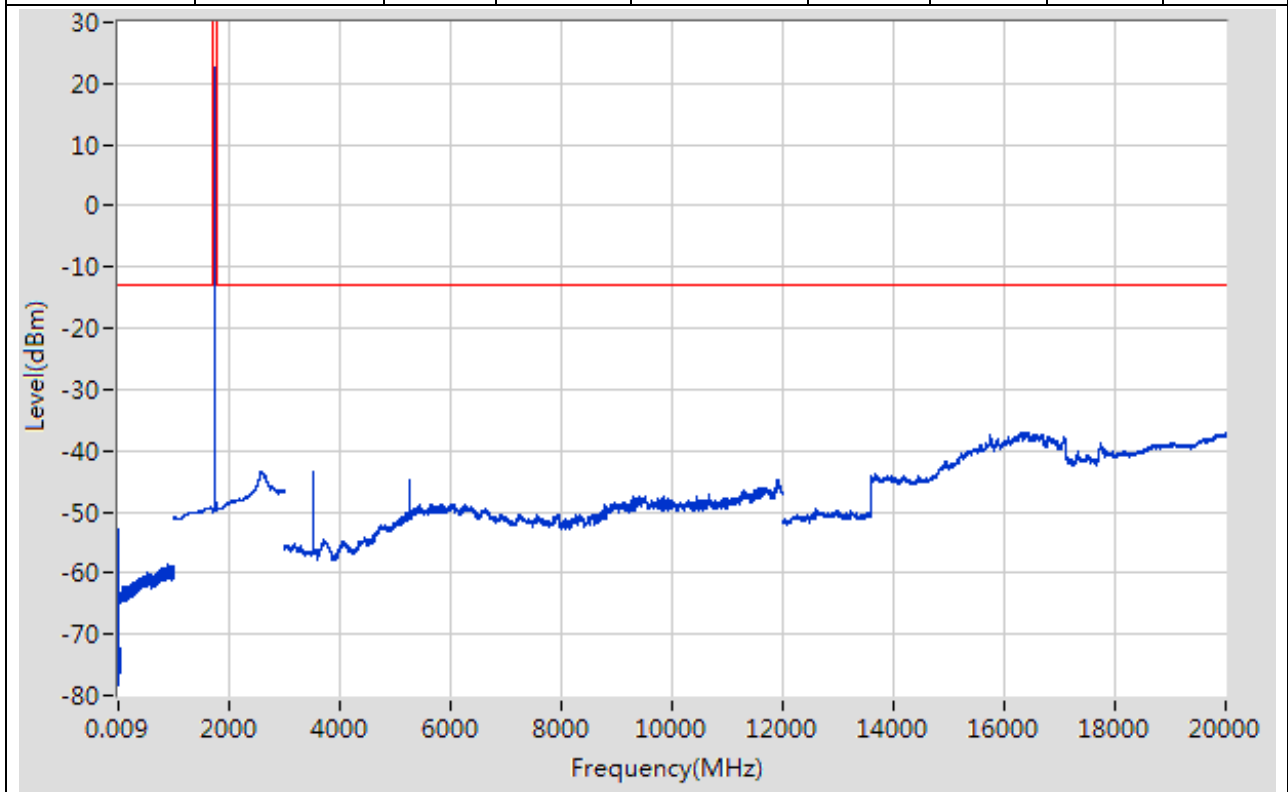
### 1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:20175, Bandwidth:1.4, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.24      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.86      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 902.99          | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1670.959        | -49.31      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1732.933        | 21.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2583.663        | -43.53      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3466.052        | -44.57      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -36.97      | -13         | Pass    | 8000        |



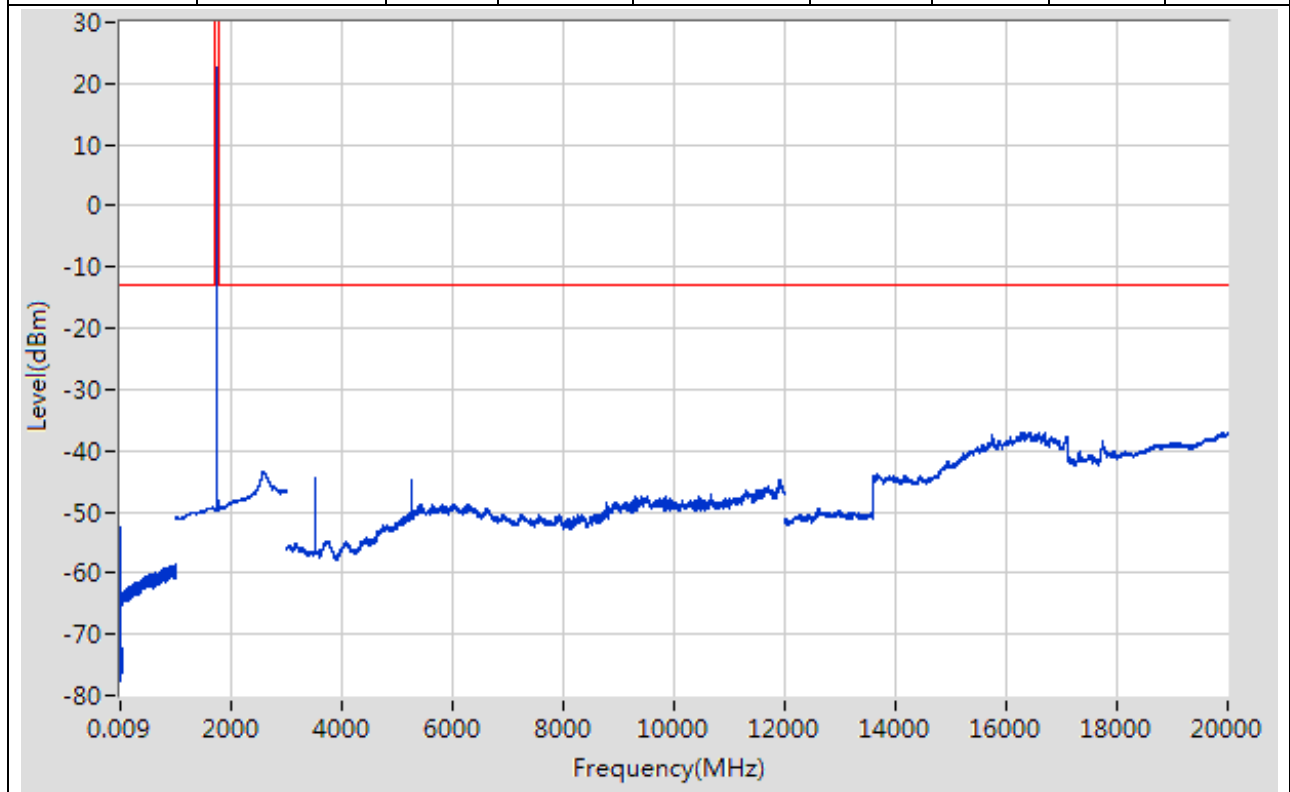
### 1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -54.12      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.77      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 891.689         | -58.68      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1677.969        | -49.3       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1753.842        | 22.78       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2570.652        | -43.49      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3508.056        | -43.59      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16312.539       | -37         | -13         | Pass    | 8000        |



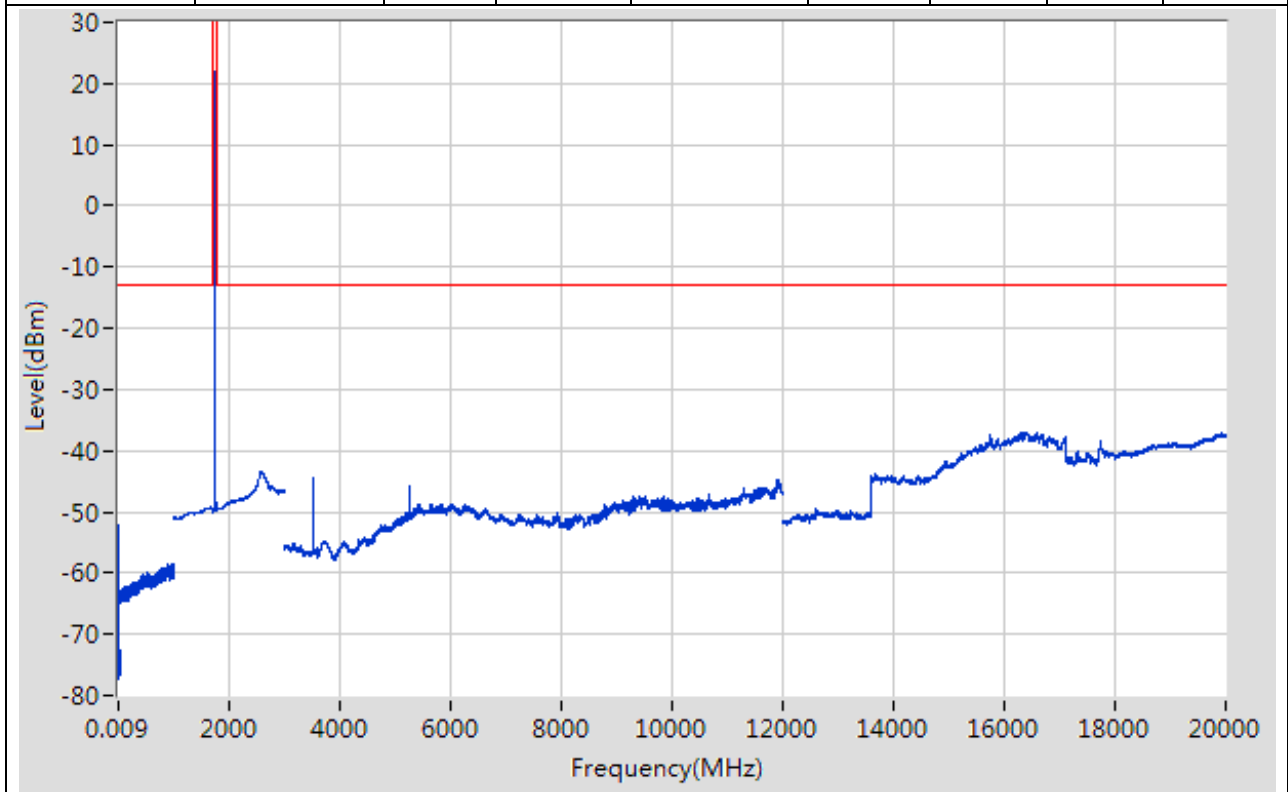
### 1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.23      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.45      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 992.599         | -58.65      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1659.943        | -49.3       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.708        | 22.73       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2580.66         | -43.48      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -44.47      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -37.03      | -13         | Pass    | 8000        |



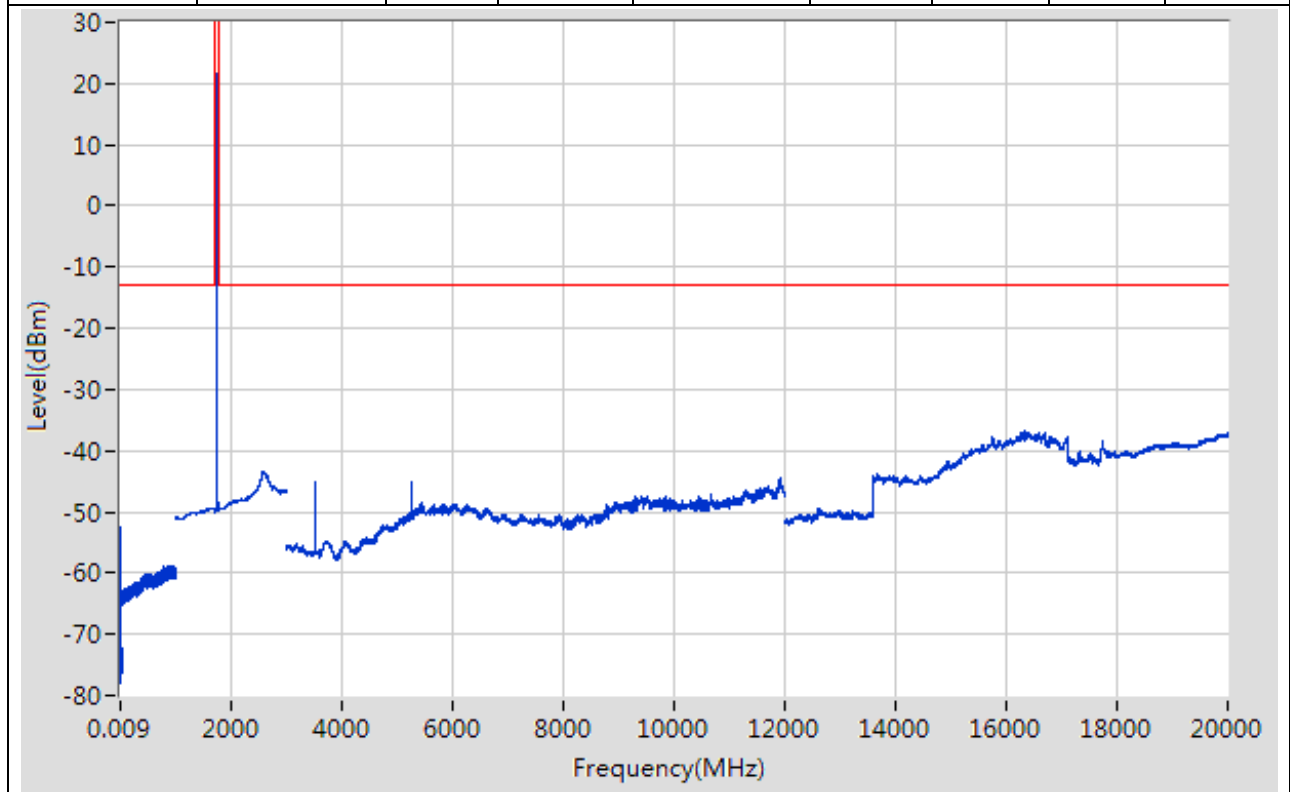
### 1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:20393, Bandwidth:1.4, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -53.81      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.15      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998.5           | -58.48      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1669.957        | -49.31      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1753.842        | 21.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2591.669        | -43.53      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3508.056        | -44.44      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16316.54        | -36.99      | -13         | Pass    | 8000        |



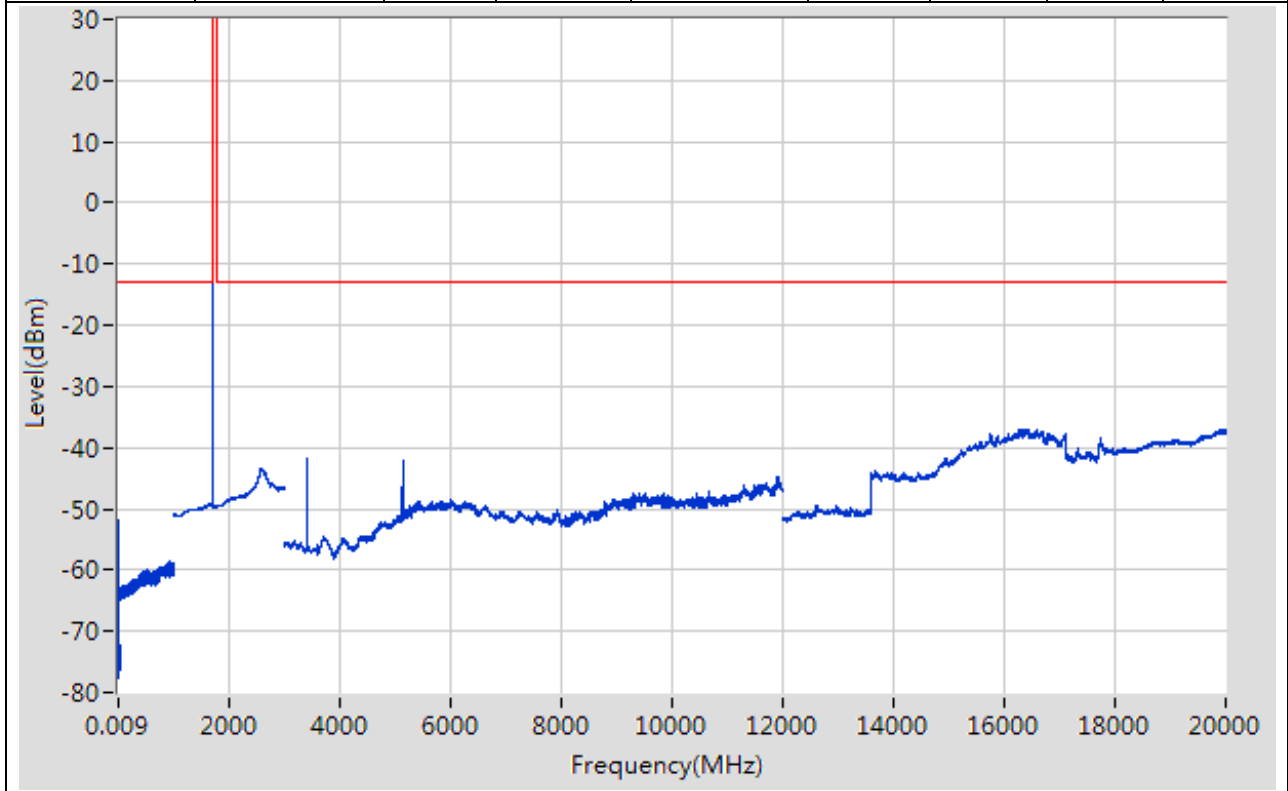
### 1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:20393, Bandwidth:1.4, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.85      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.59      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 923.092         | -58.85      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1677.969        | -49.33      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.708        | 21.77       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.48      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -44.45      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16317.54        | -36.9       | -13         | Pass    | 8000        |



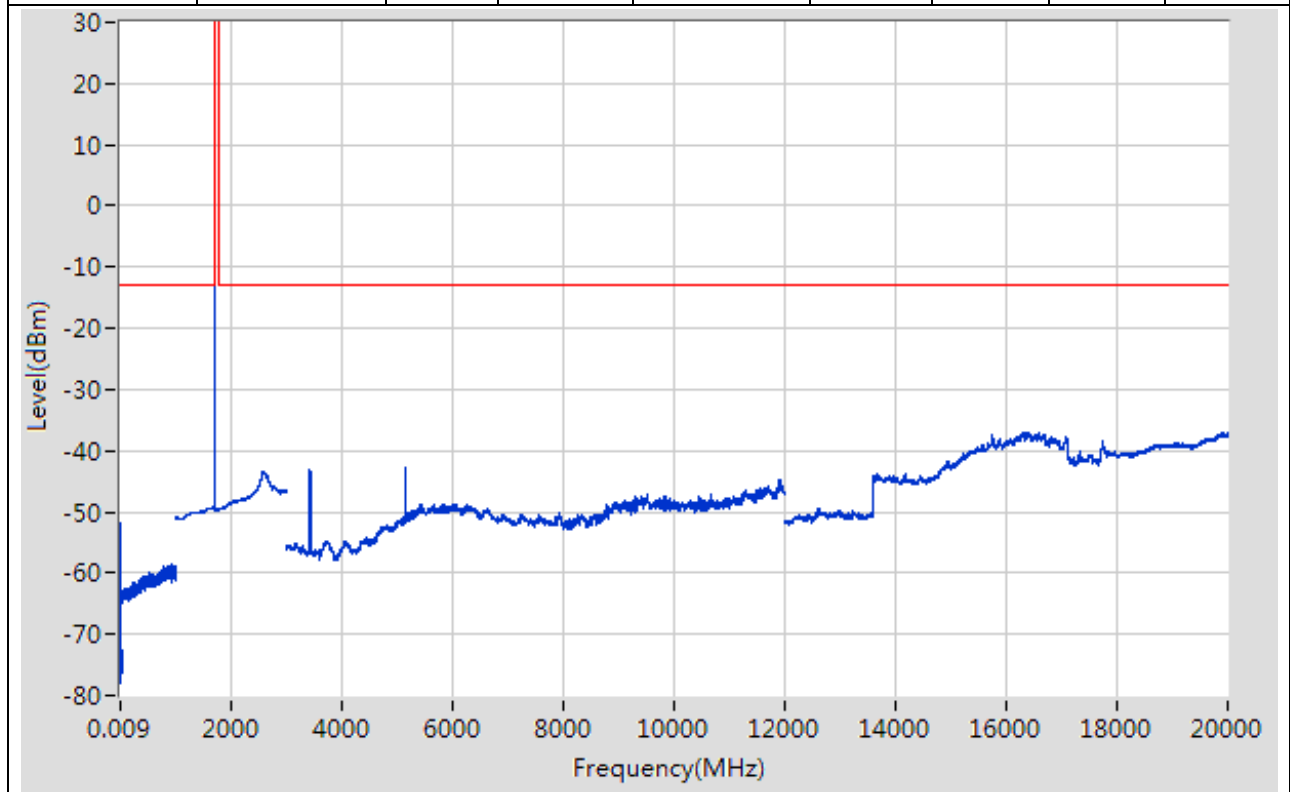
### 1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.2       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.79      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 913.391         | -58.64      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.17      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.292        | 22.74       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2571.653        | -43.48      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3420.047        | -41.92      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16310.539       | -37.03      | -13         | Pass    | 8000        |



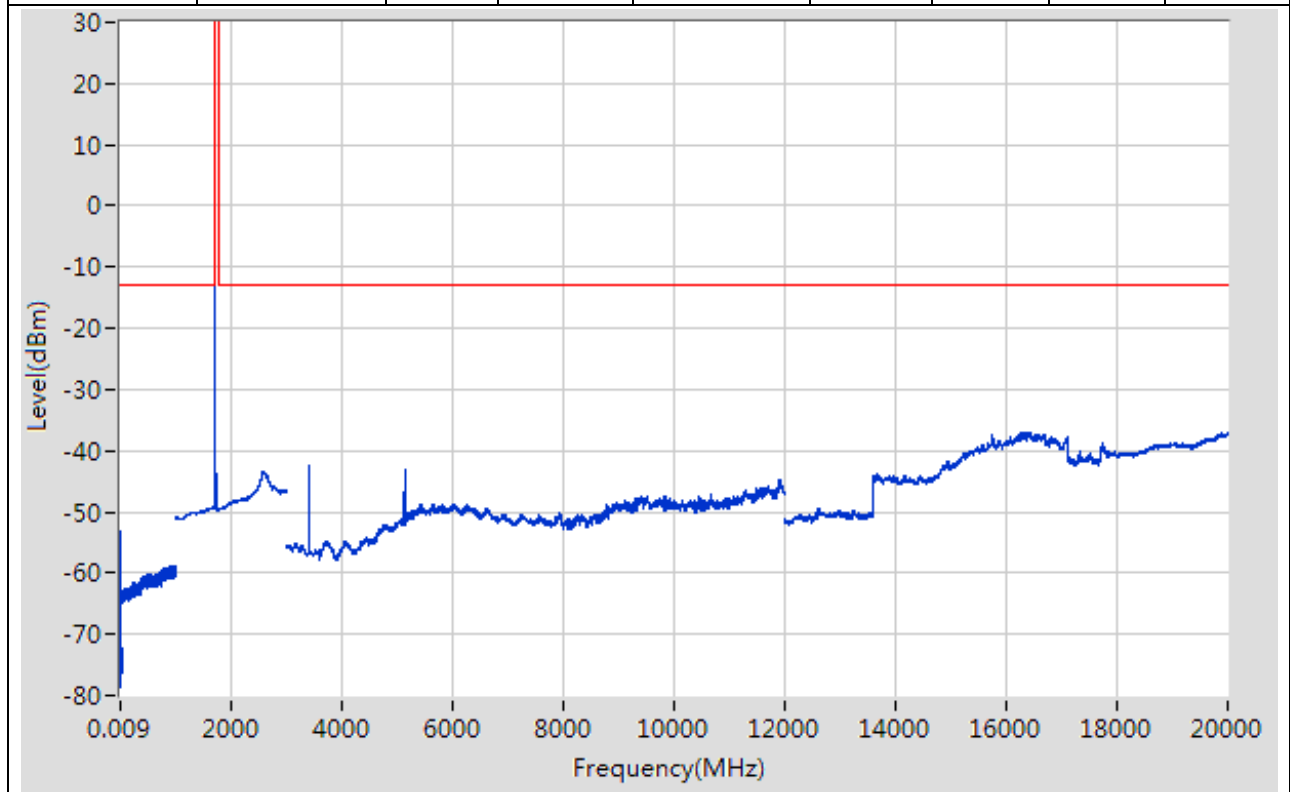
#### 1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -53.07      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 935.593         | -58.7       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1672.961        | -49.29      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1712.783        | 22.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2572.654        | -43.51      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5138.238        | -42.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16415.552       | -37.1       | -13         | Pass    | 8000        |



### 1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:19965, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:LOW)

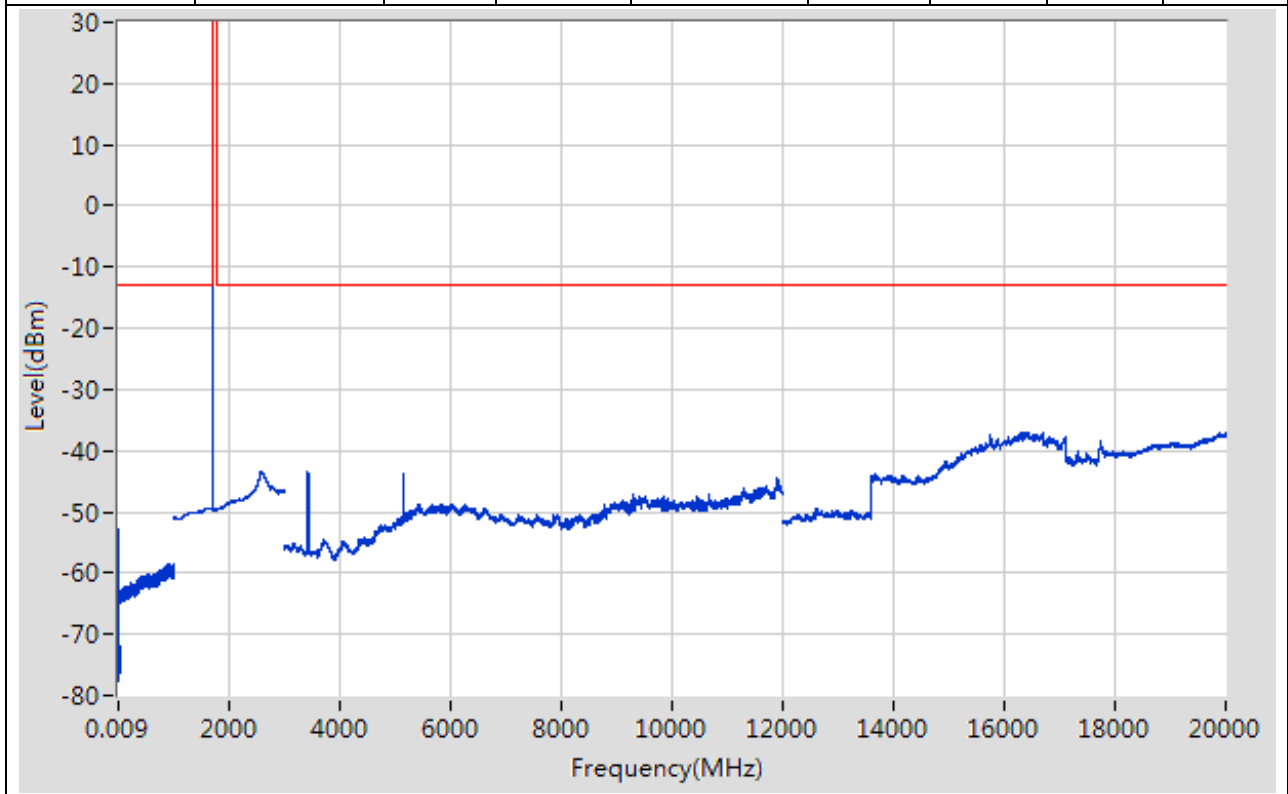
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.45      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -53.33      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 884.988         | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1698.999        | -45.6       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.183        | 21.93       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2586.665        | -43.5       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3420.047        | -42.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16320.54        | -37.07      | -13         | Pass    | 8000        |





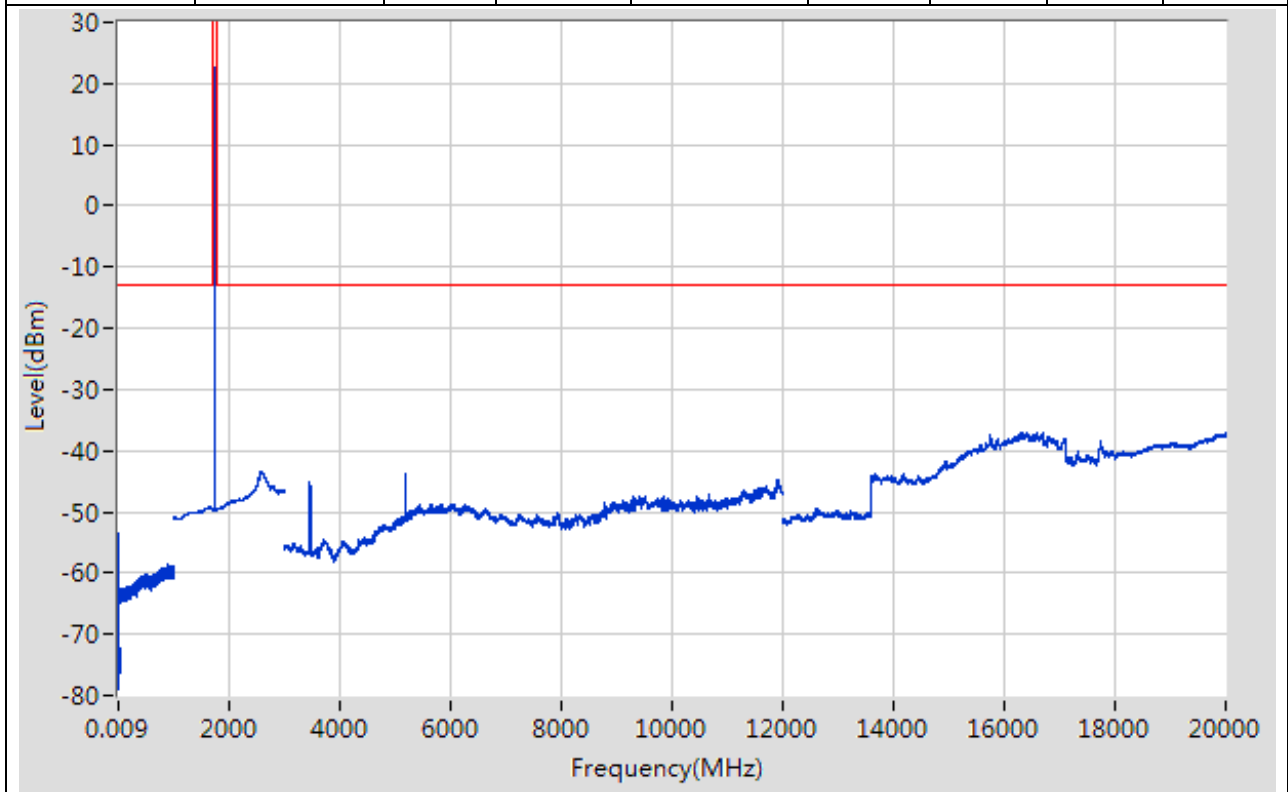
### 1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:19965, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.61      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.96      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 907.891         | -58.51      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1698.999        | -49.29      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1712.783        | 21.95       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2578.659        | -43.56      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3425.047        | -43.46      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16315.539       | -37         | -13         | Pass    | 8000        |



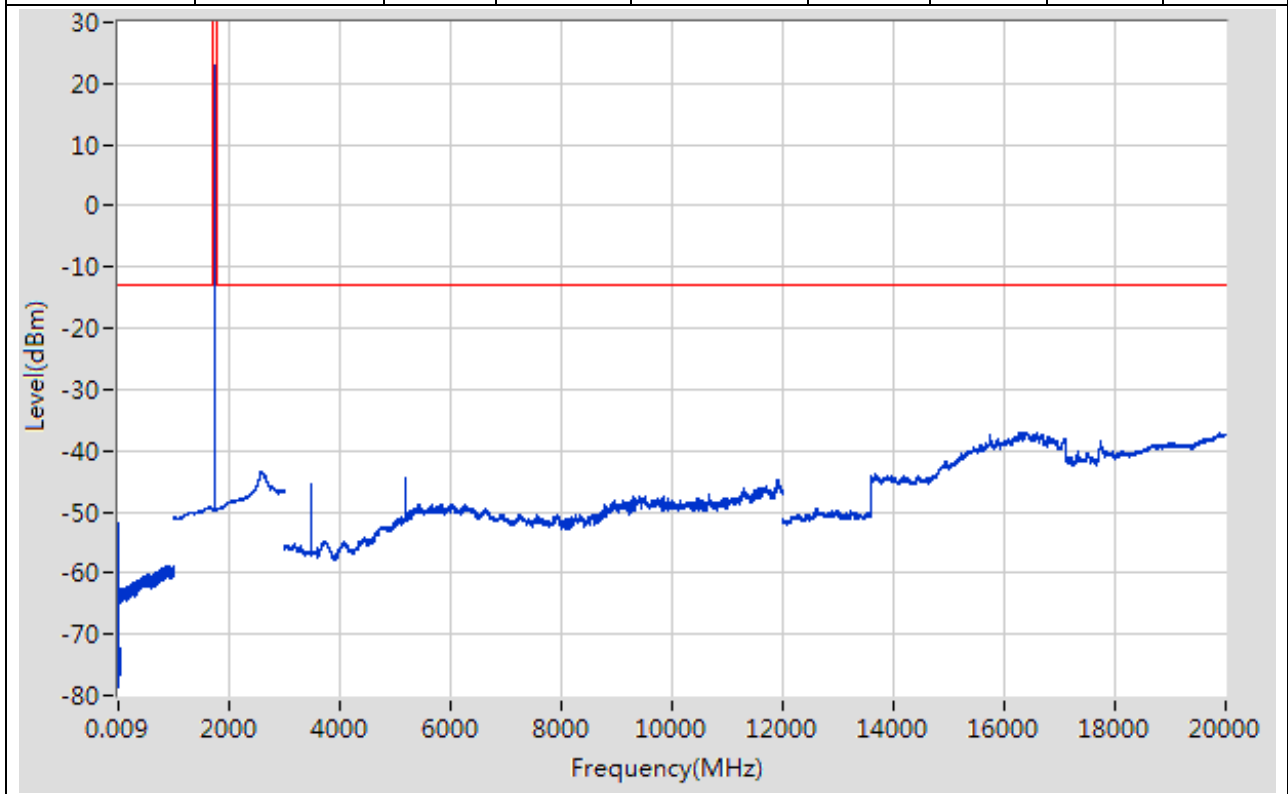
### 1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.58      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.63      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 870.387         | -58.66      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1619.886        | -49.26      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1731.2          | 22.79       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.52      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5193.244        | -43.93      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16313.539       | -37.01      | -13         | Pass    | 8000        |



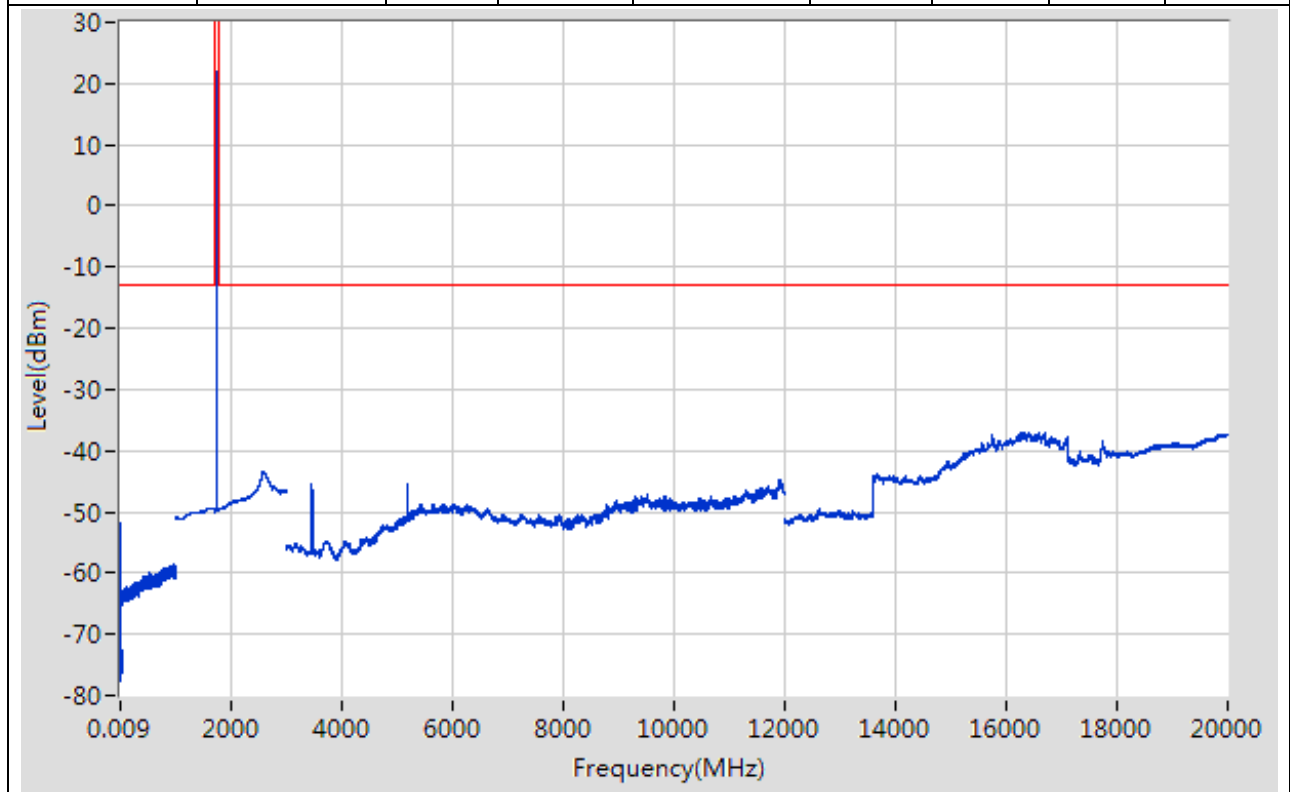
### 1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.14      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.97      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.291         | -58.77      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1658.941        | -49.29      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1733.8          | 22.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2573.655        | -43.51      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5201.245        | -44.47      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.01      | -13         | Pass    | 8000        |



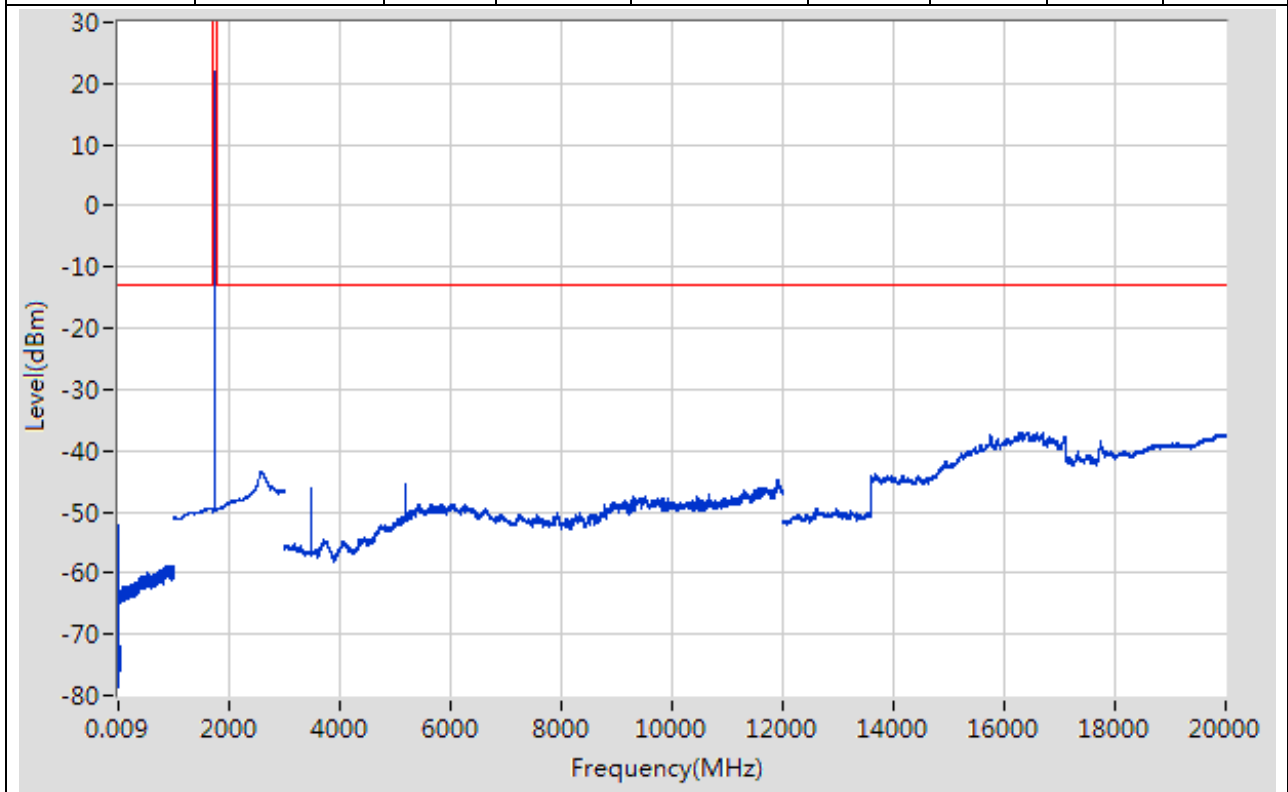
### 1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:20175, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.27      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.89      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 970.197         | -58.7       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1671.96         | -49.32      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1731.2          | 21.83       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2576.657        | -43.53      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 11902.989       | -44.7       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.04      | -13         | Pass    | 8000        |



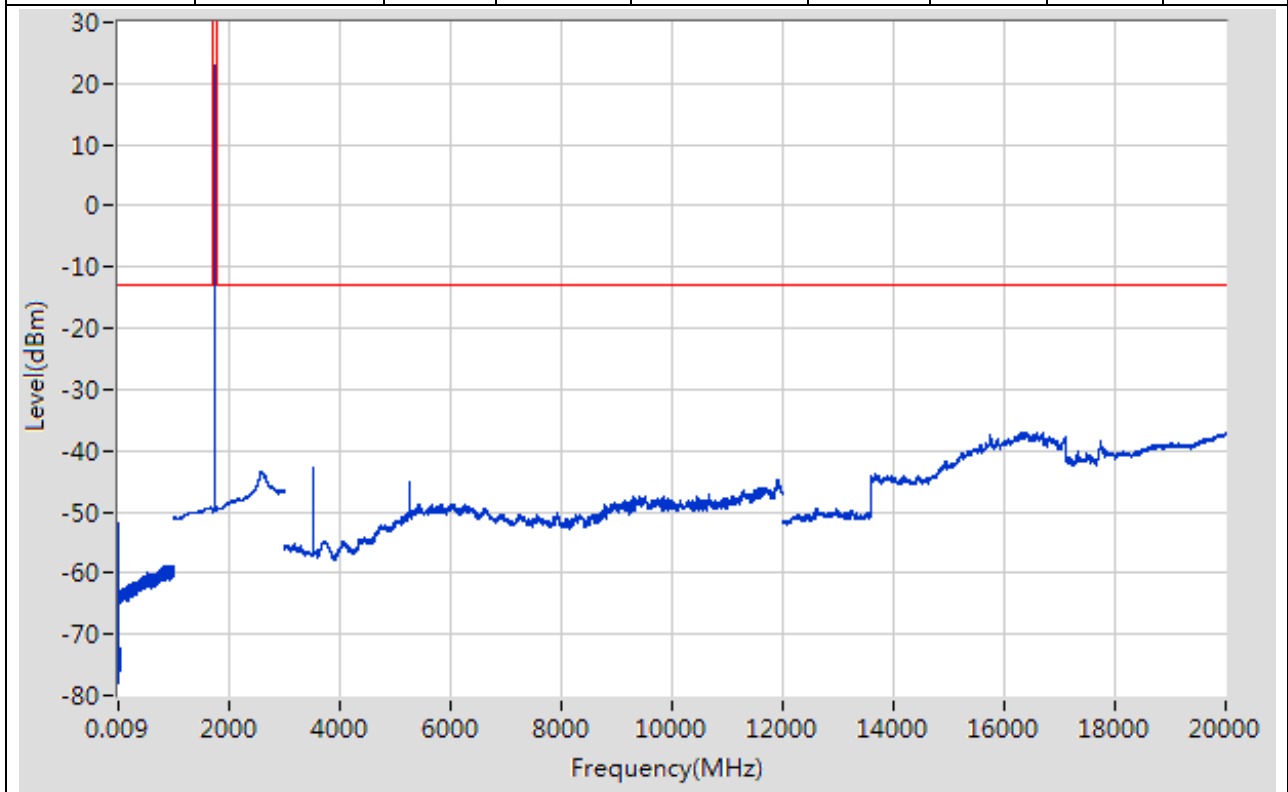
### 1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:20175, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.12      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.23      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 972.097         | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1673.963        | -49.33      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1733.8          | 21.82       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2581.661        | -43.54      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 11910.99        | -44.69      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.03      | -13         | Pass    | 8000        |



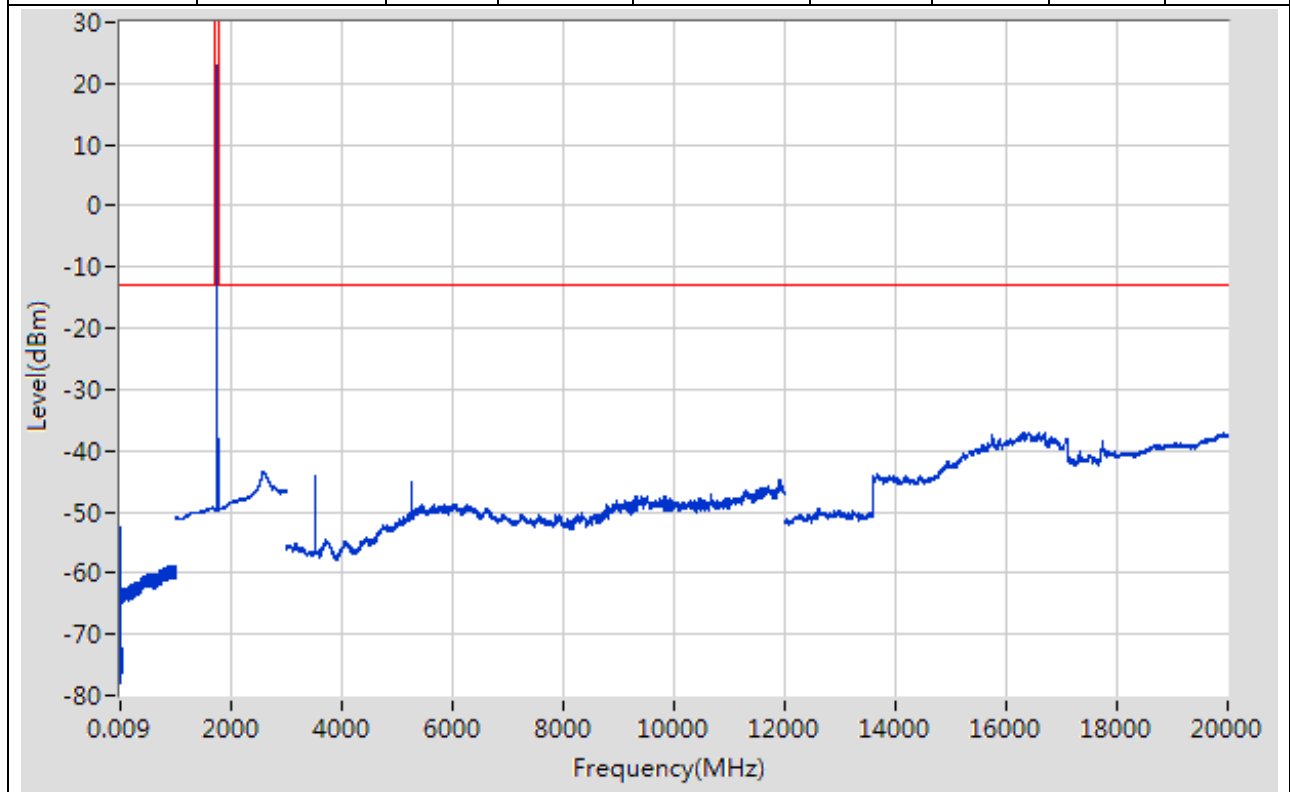
### 1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.29      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.79      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 915.891         | -58.72      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1673.963        | -49.29      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1752.217        | 22.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2577.658        | -43.51      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3504.056        | -42.88      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16415.552       | -36.98      | -13         | Pass    | 8000        |



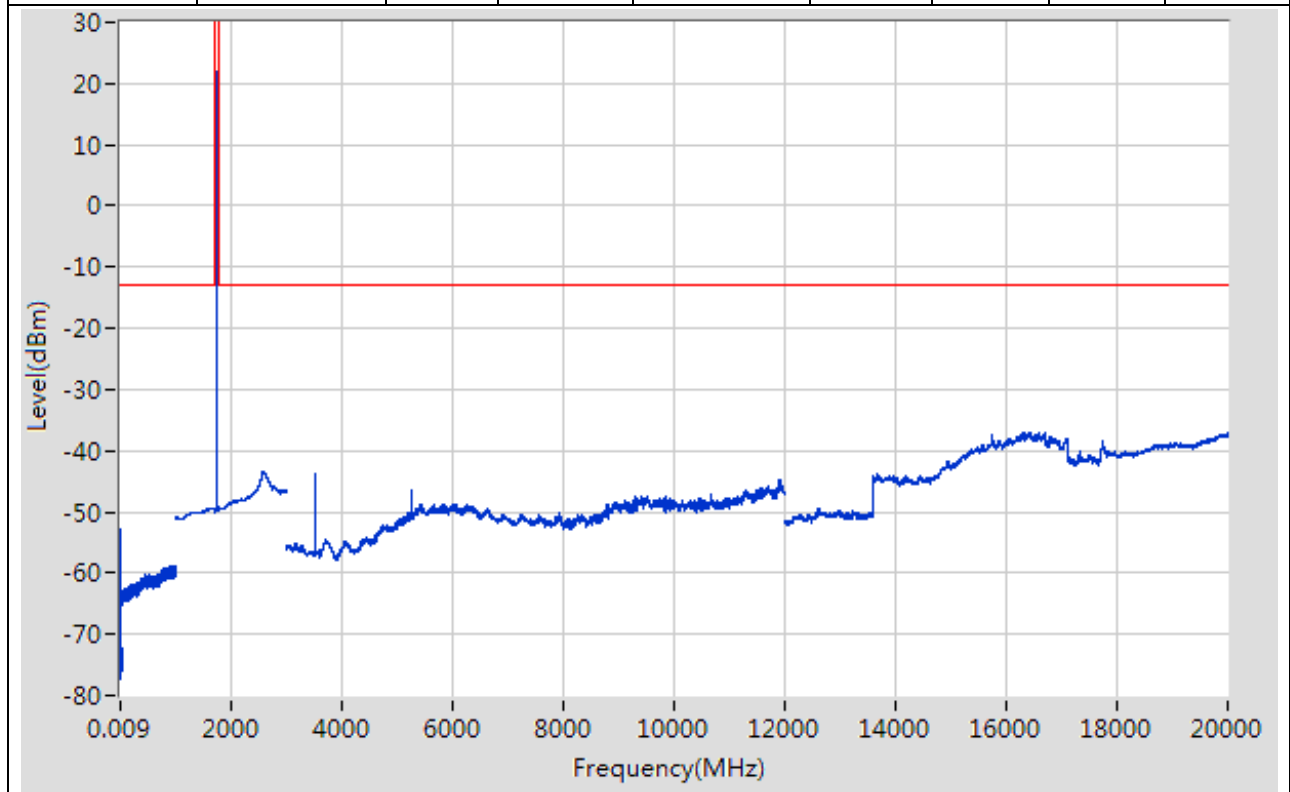
### 1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.14      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.64      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.89          | -58.76      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1676.967        | -49.31      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.708        | 22.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2573.655        | -43.51      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -44.15      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16312.539       | -37.01      | -13         | Pass    | 8000        |



### 1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:20385, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:LOW)

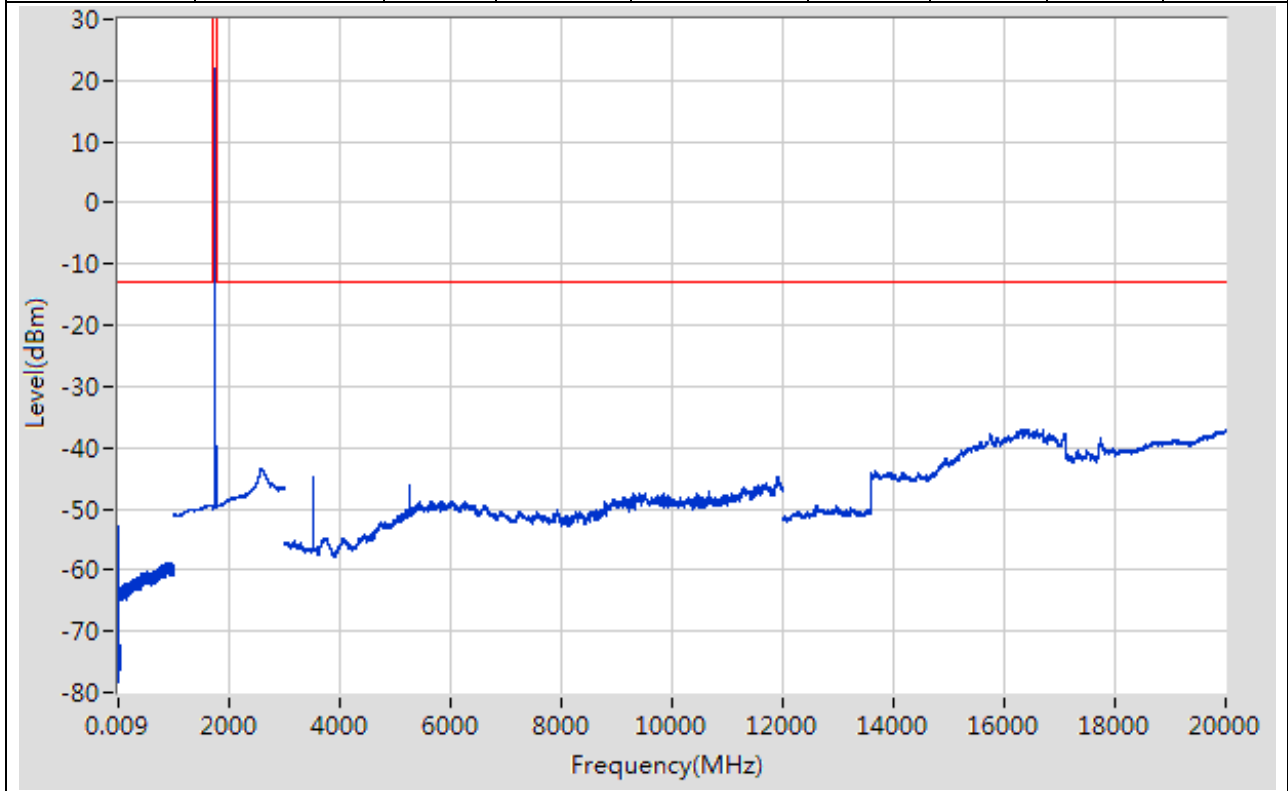
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.5       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.84      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 909.991         | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1675.966        | -49.32      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1752.217        | 21.84       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2598.675        | -43.52      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3504.056        | -43.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -37.11      | -13         | Pass    | 8000        |





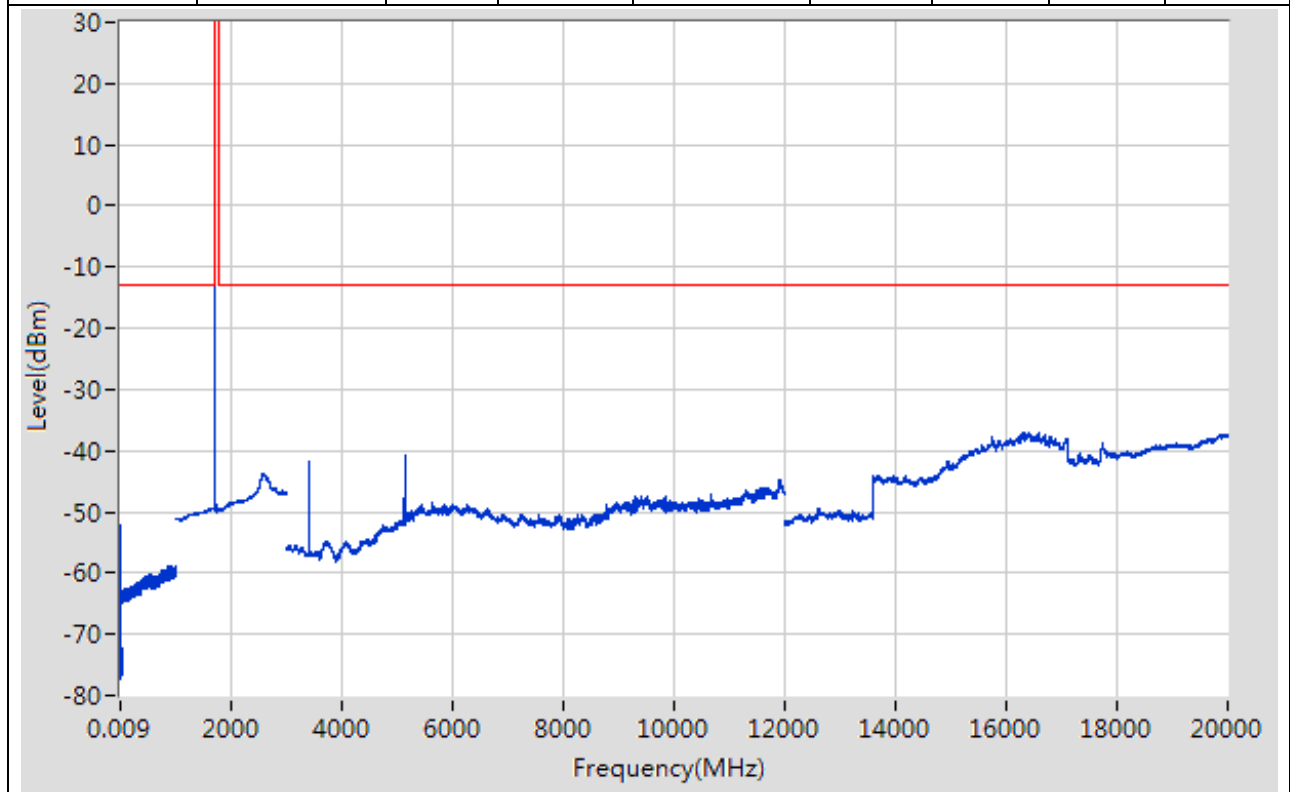
### 1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:20385, Bandwidth:3, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -53.92      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.9       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 930.593         | -58.73      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1686.981        | -49.34      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.817        | 21.84       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2575.656        | -43.56      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -44.66      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.05      | -13         | Pass    | 8000        |



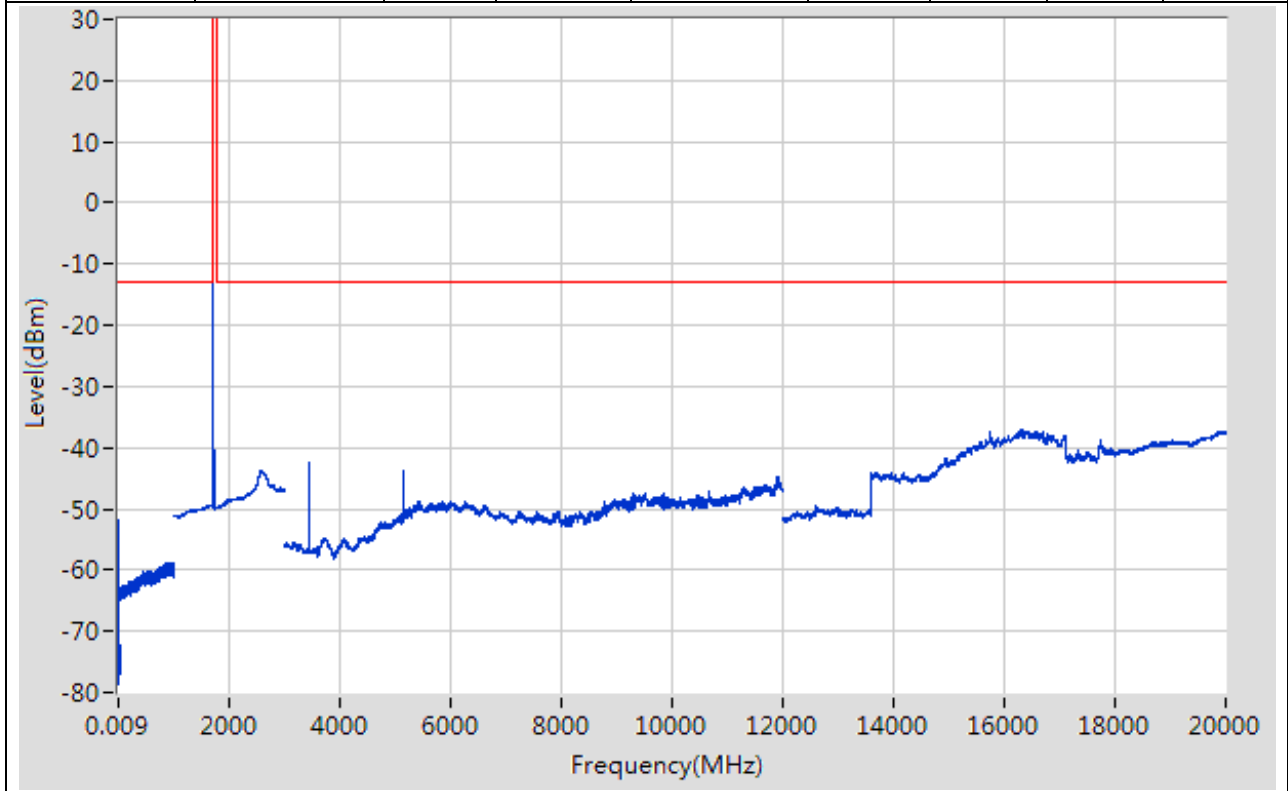
### 1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.73      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.2       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 882.388         | -58.85      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.06      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.292        | 22.74       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.7       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5131.237        | -40.77      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16310.539       | -37.13      | -13         | Pass    | 8000        |



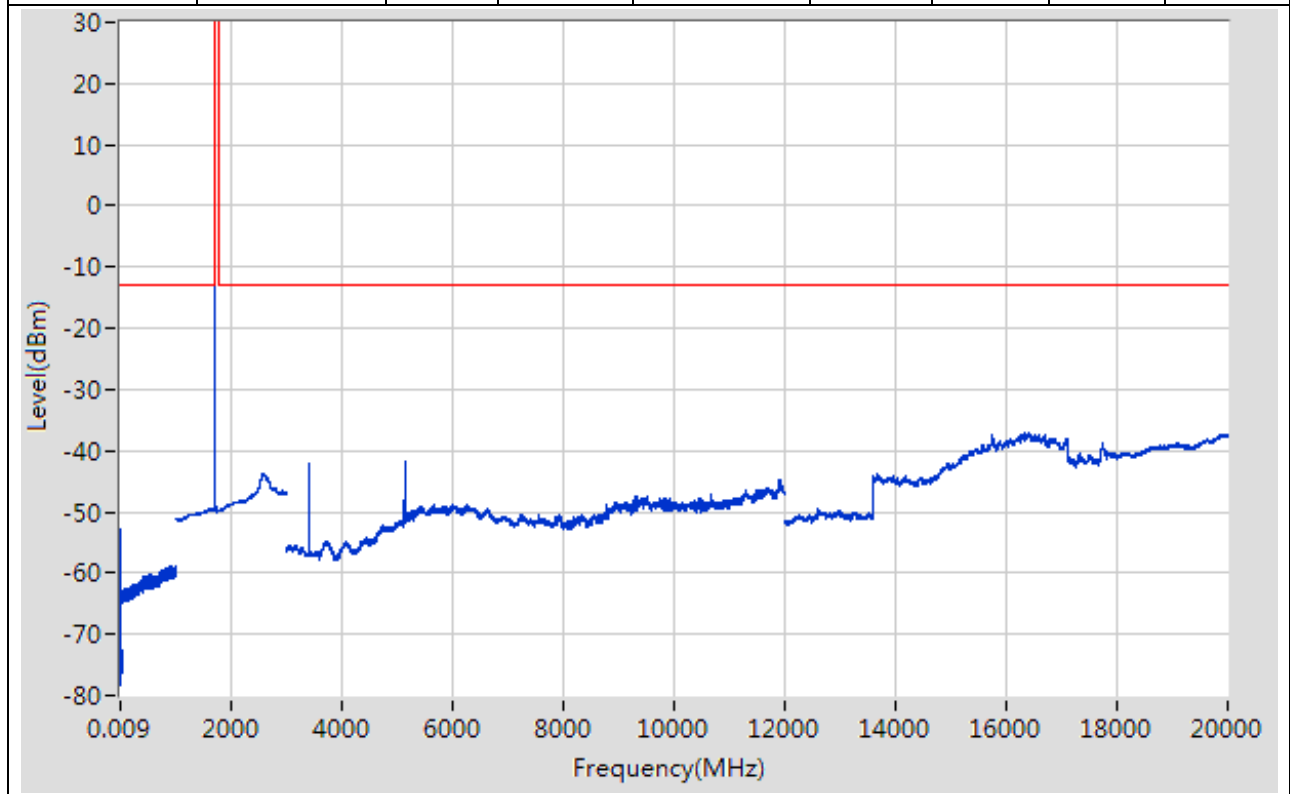
### 1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.35      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.68      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 927.793         | -58.75      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1697.997        | -49.32      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1714.625        | 22.77       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2578.659        | -43.68      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3429.048        | -42.42      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16317.54        | -37.14      | -13         | Pass    | 8000        |



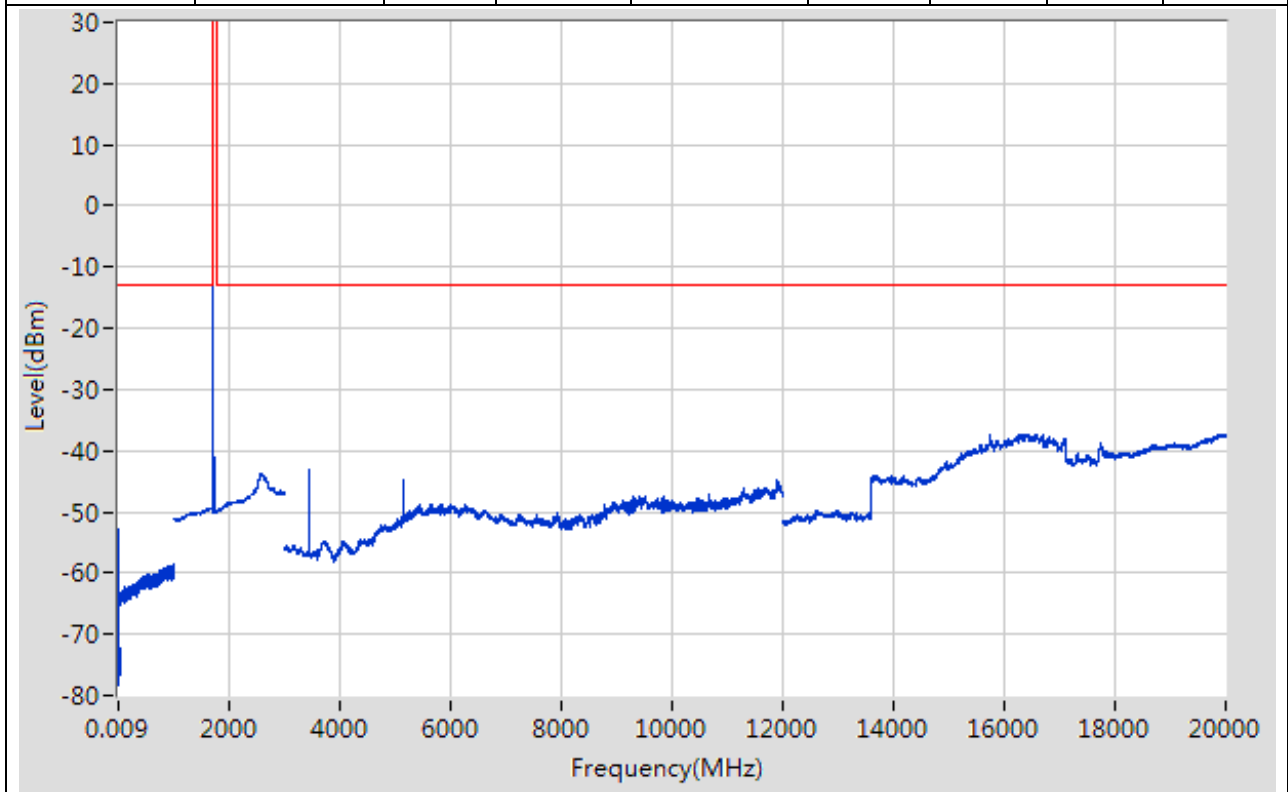
### 1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:19975, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.8       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.78      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 895.889         | -58.91      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.2       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.4          | 21.87       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2572.654        | -43.7       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5131.237        | -41.84      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16415.552       | -37.16      | -13         | Pass    | 8000        |



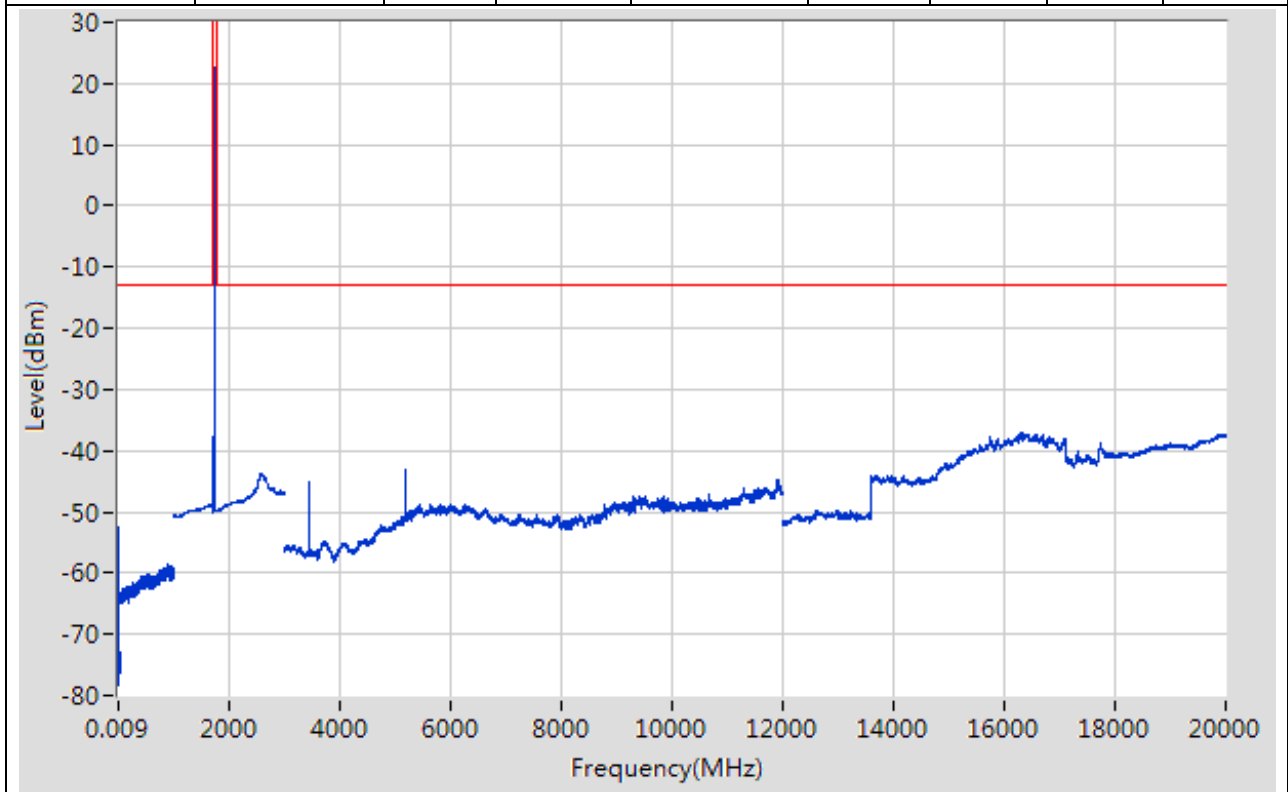
### 1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:19975, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.37      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.97      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 996.7           | -58.52      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1698.999        | -49.44      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1714.625        | 21.84       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2580.66         | -43.71      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3429.048        | -43.16      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 19977.997       | -37.25      | -13         | Pass    | 8000        |



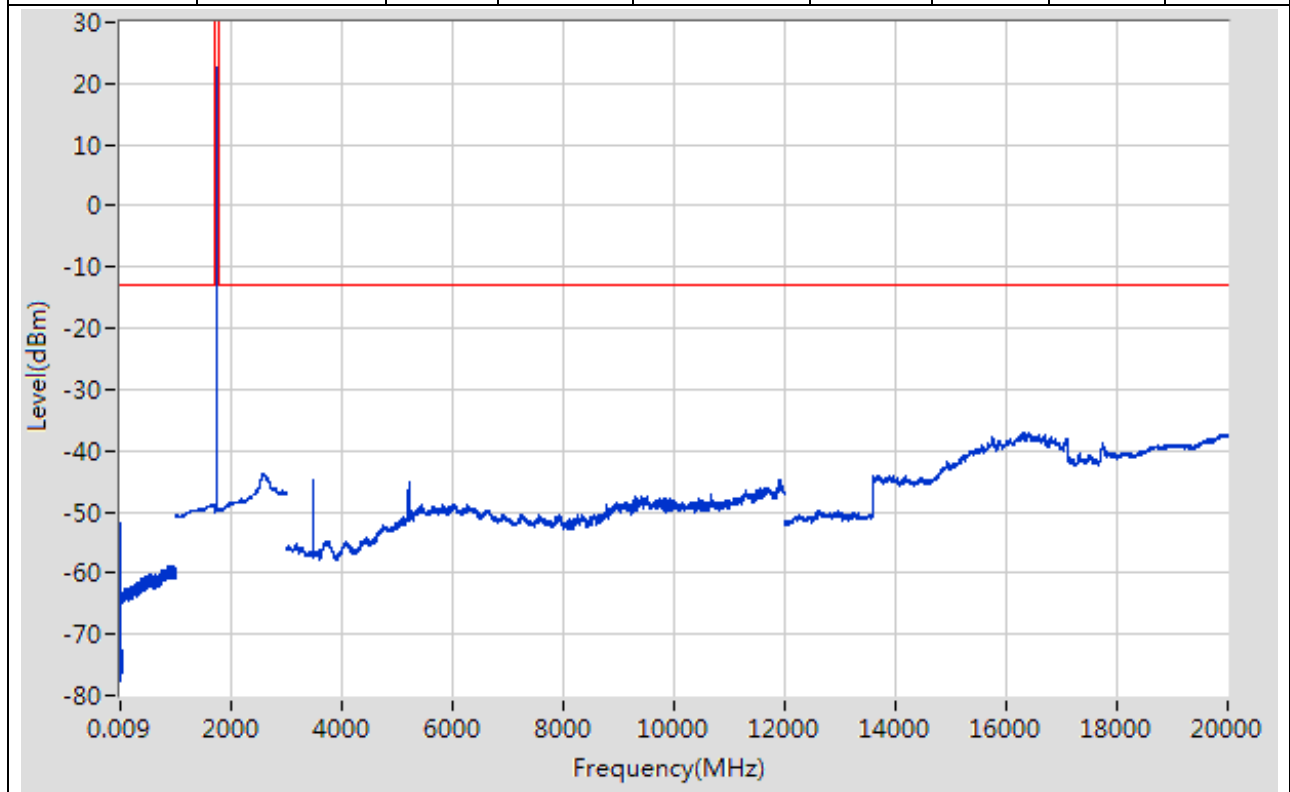
### 1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.19      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.46      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 880.288         | -58.42      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1680.973        | -48.92      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1730.333        | 22.79       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2581.661        | -43.7       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5191.243        | -43.06      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.1       | -13         | Pass    | 8000        |



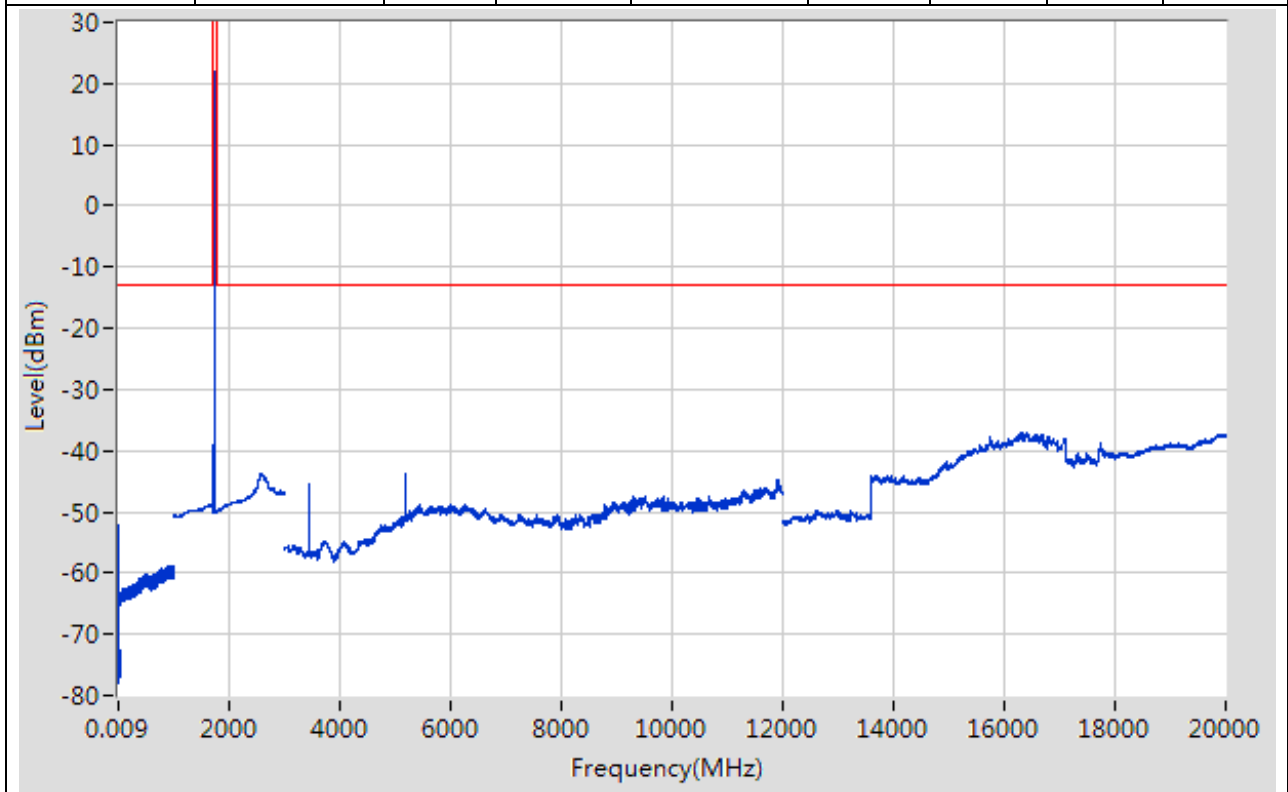
### 1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -53.84      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.9       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 969.997         | -58.76      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1673.963        | -48.93      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1734.667        | 22.71       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2581.661        | -43.7       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3469.052        | -44.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16320.54        | -37.2       | -13         | Pass    | 8000        |



### 1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:20175, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

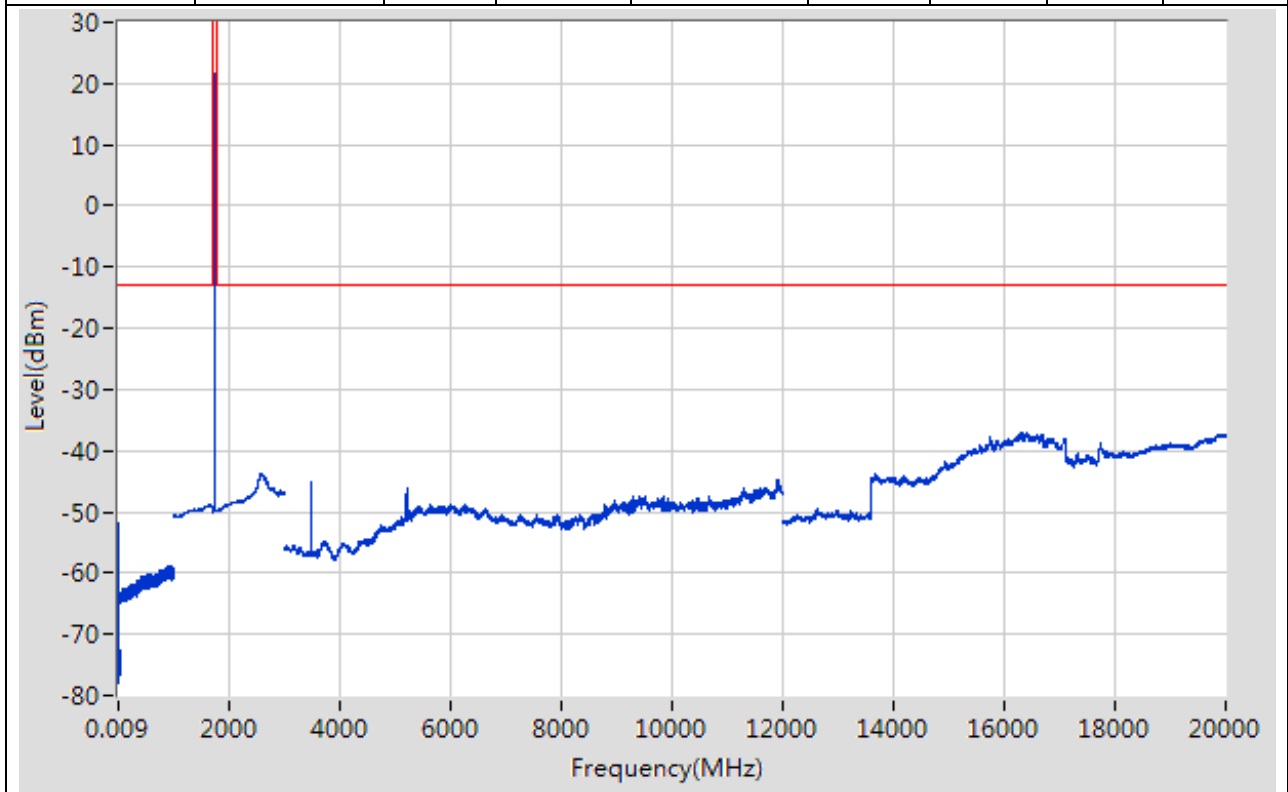
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.72      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.28      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.591         | -58.91      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1683.977        | -48.91      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1730.333        | 21.82       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2576.657        | -43.73      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5191.243        | -43.82      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -37.11      | -13         | Pass    | 8000        |





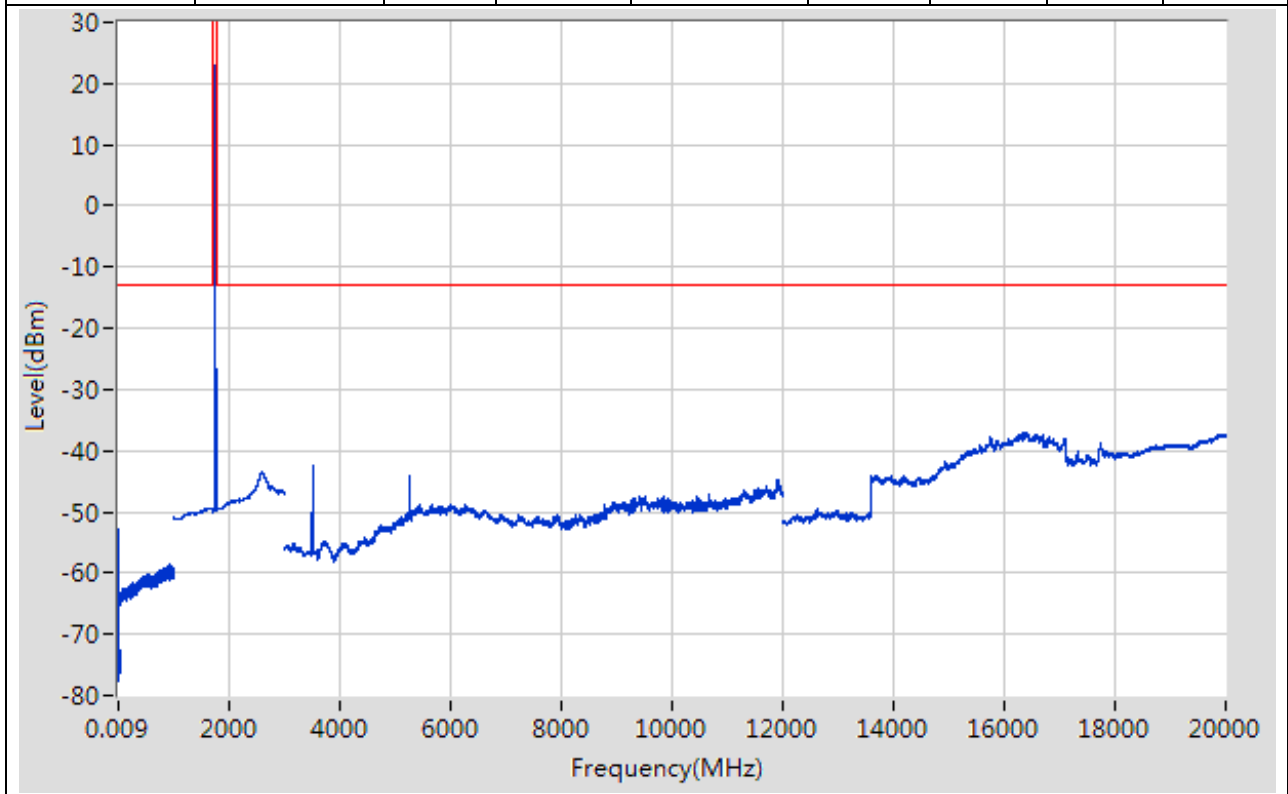
### 1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:20175, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.81      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.81      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 968.997         | -58.81      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1657.94         | -48.91      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1734.667        | 21.77       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2580.66         | -43.72      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 11904.989       | -44.84      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.12      | -13         | Pass    | 8000        |



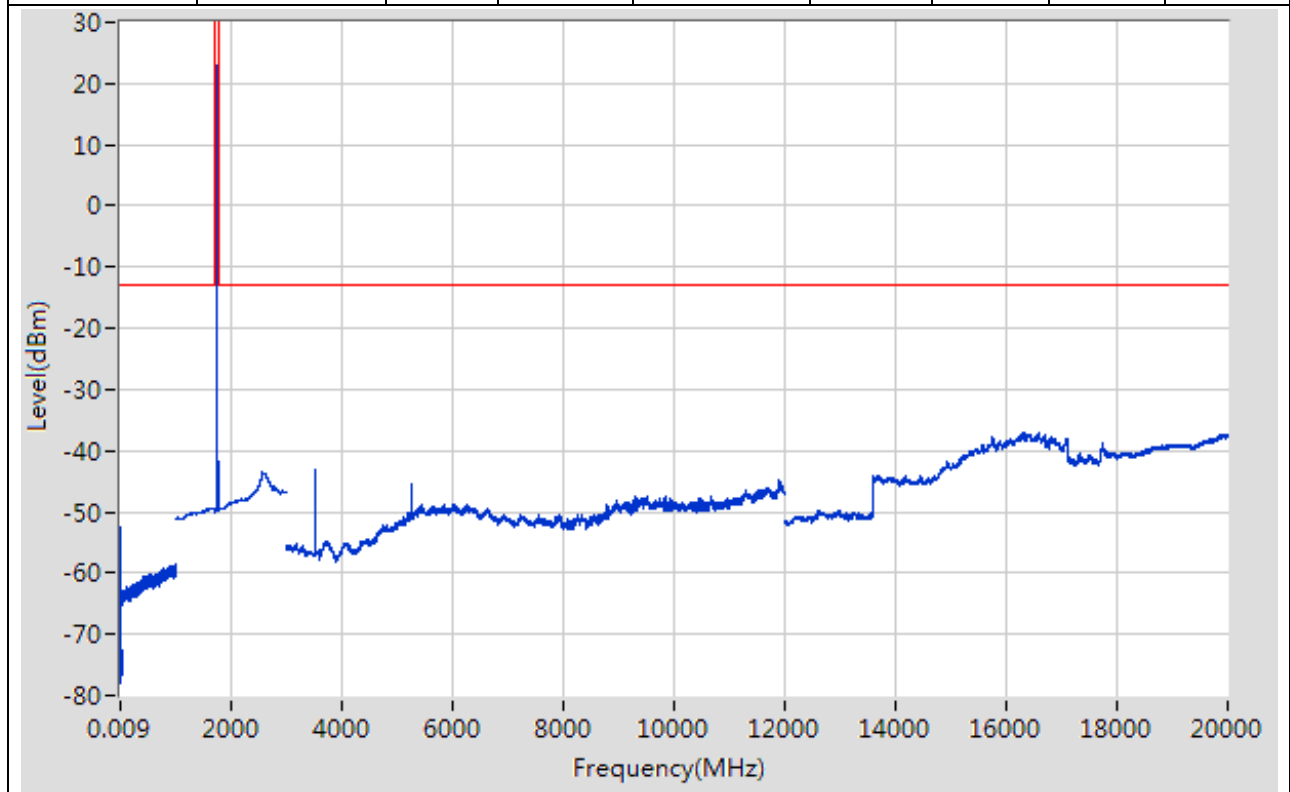
### 1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -54.6       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.88      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 911.691         | -58.58      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1681.974        | -49.35      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1750.375        | 22.84       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2586.665        | -43.58      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3501.056        | -42.28      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.1       | -13         | Pass    | 8000        |



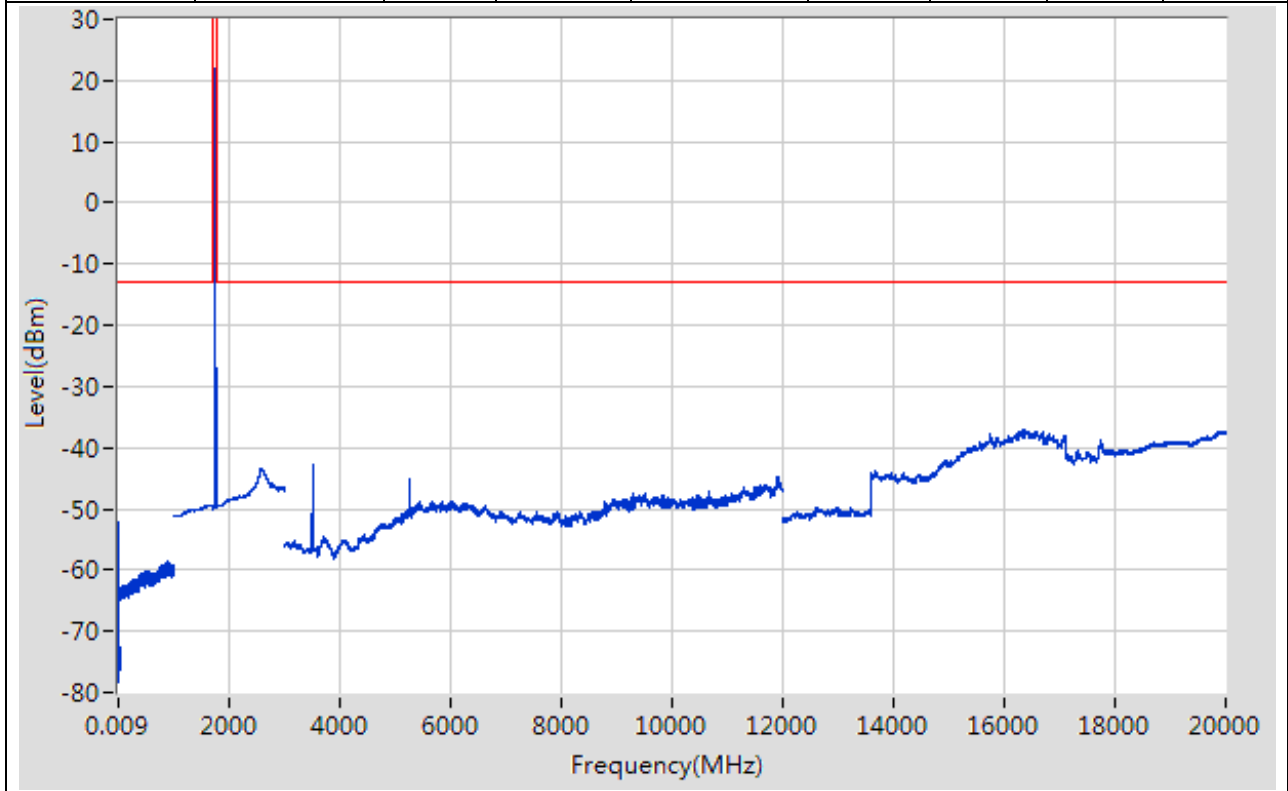
### 1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.4       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.81      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 997.8           | -58.46      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1618.884        | -49.32      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.708        | 22.82       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2570.652        | -43.57      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -42.99      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16597.575       | -37.12      | -13         | Pass    | 8000        |



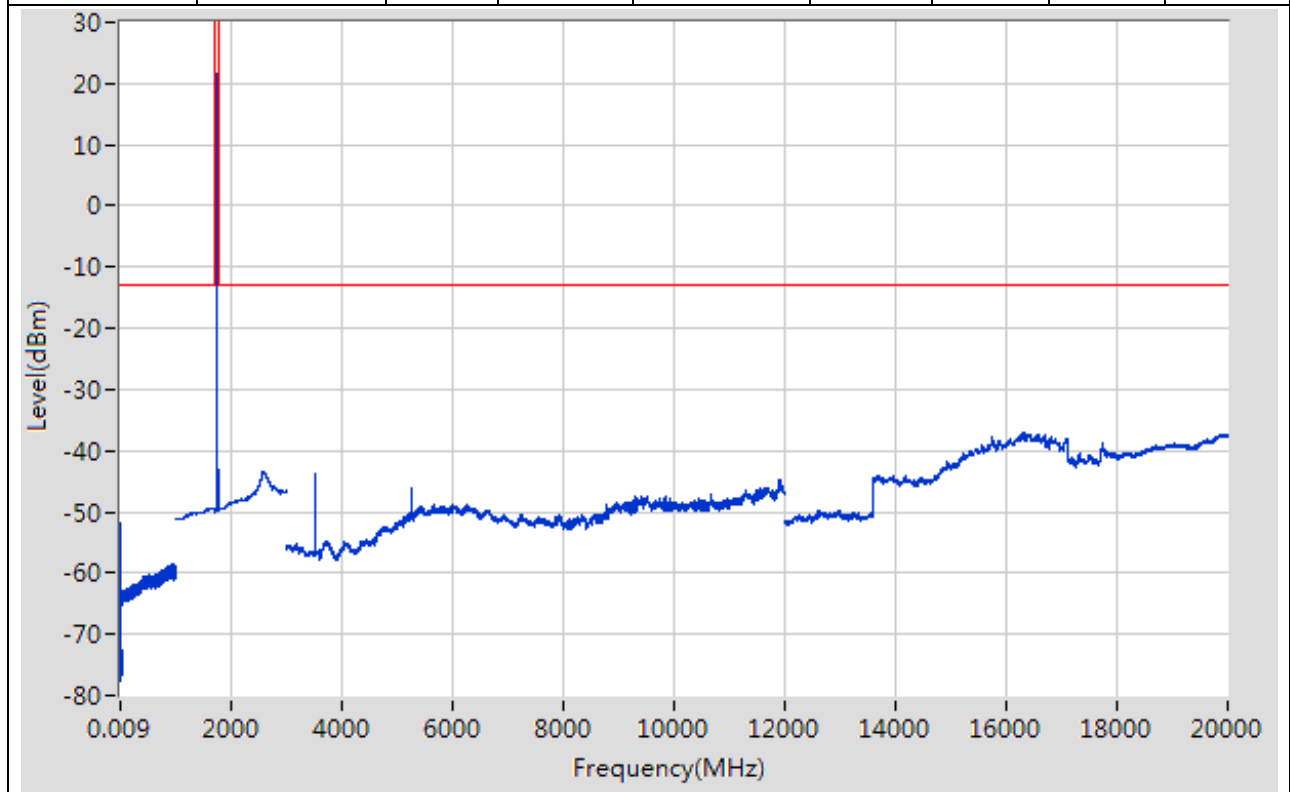
### 1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.93      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.2       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.59          | -58.62      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1673.963        | -49.37      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1750.375        | 21.8        | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.58      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3501.056        | -42.87      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16317.54        | -37.11      | -13         | Pass    | 8000        |



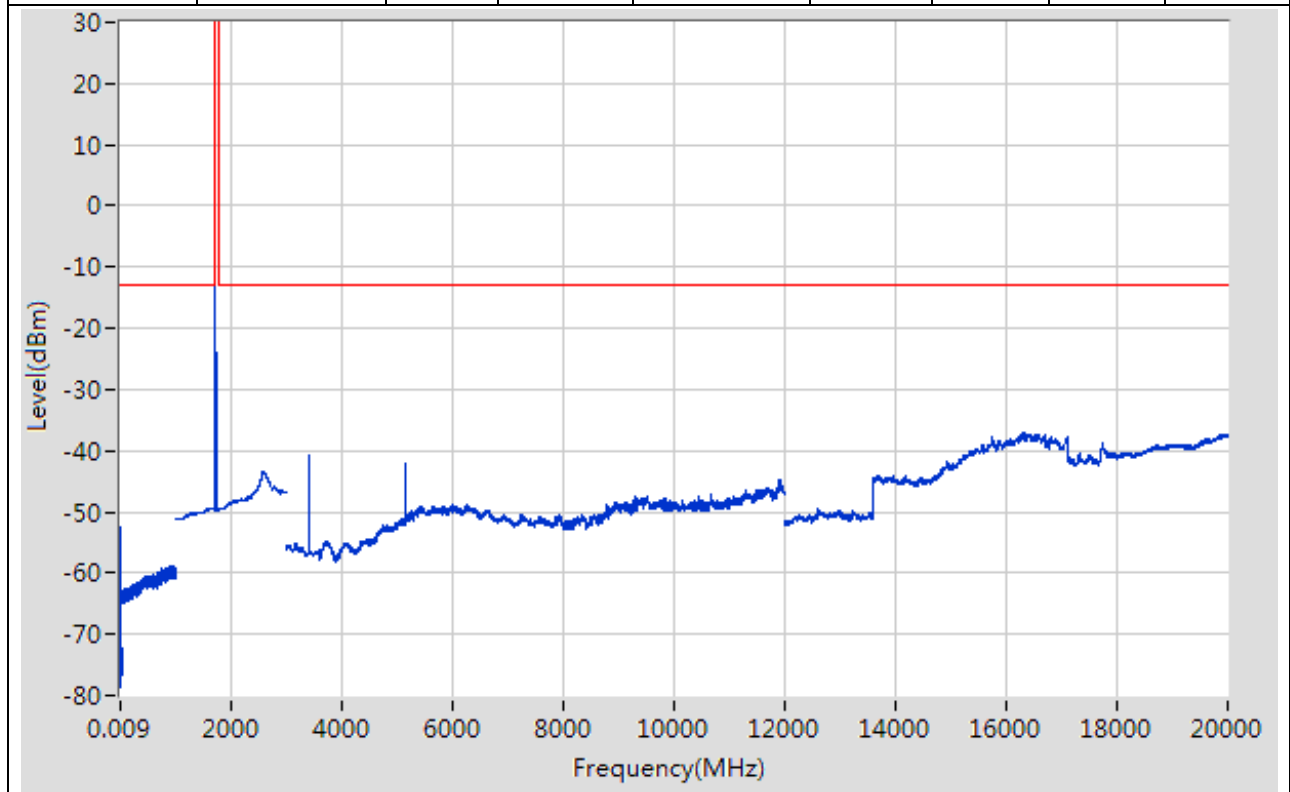
### 1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:20375, Bandwidth:5, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.42      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.88      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 934.093         | -58.63      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1674.964        | -49.39      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.708        | 21.76       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2594.672        | -43.54      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -43.74      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16316.54        | -37.19      | -13         | Pass    | 8000        |



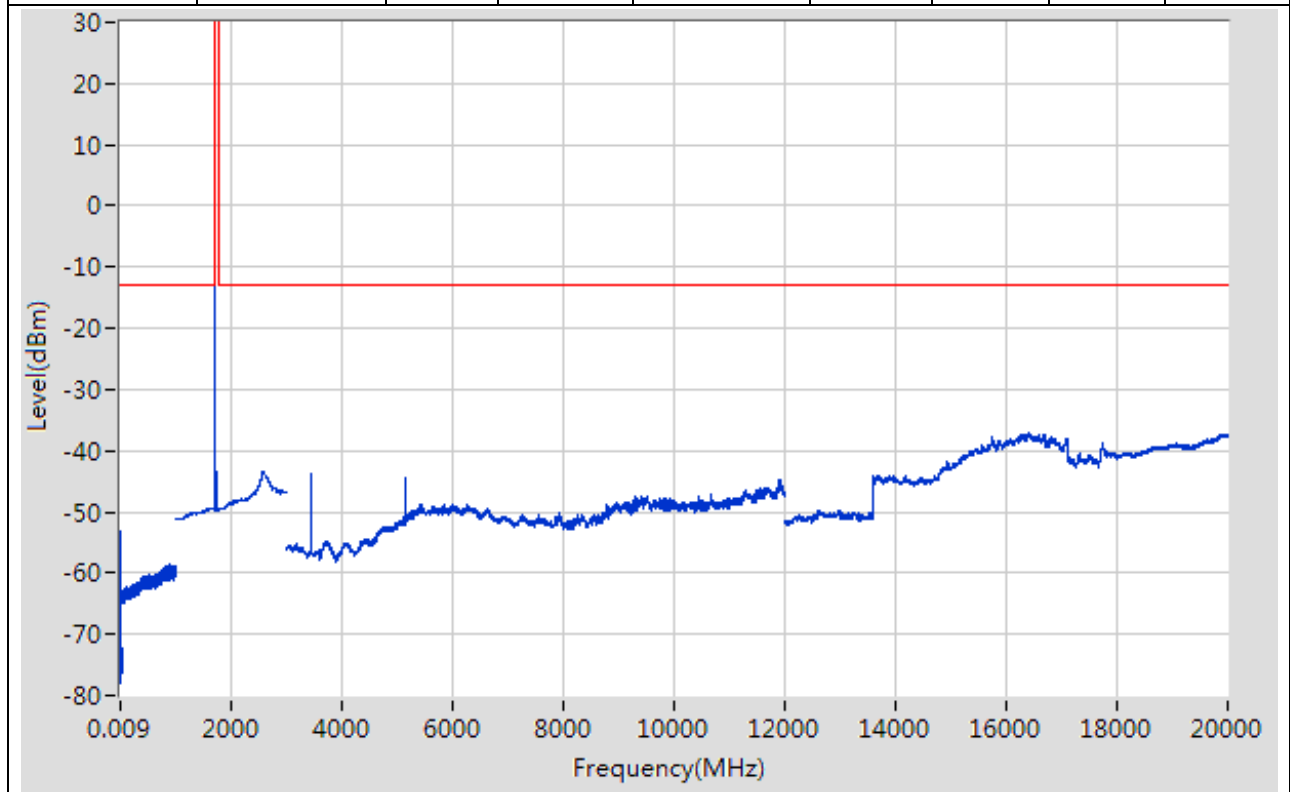
### 1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.07      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.57      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 959.096         | -58.82      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1692.99         | -40.12      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.617        | 22.93       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2573.655        | -43.57      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3421.047        | -40.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16310.539       | -37.19      | -13         | Pass    | 8000        |



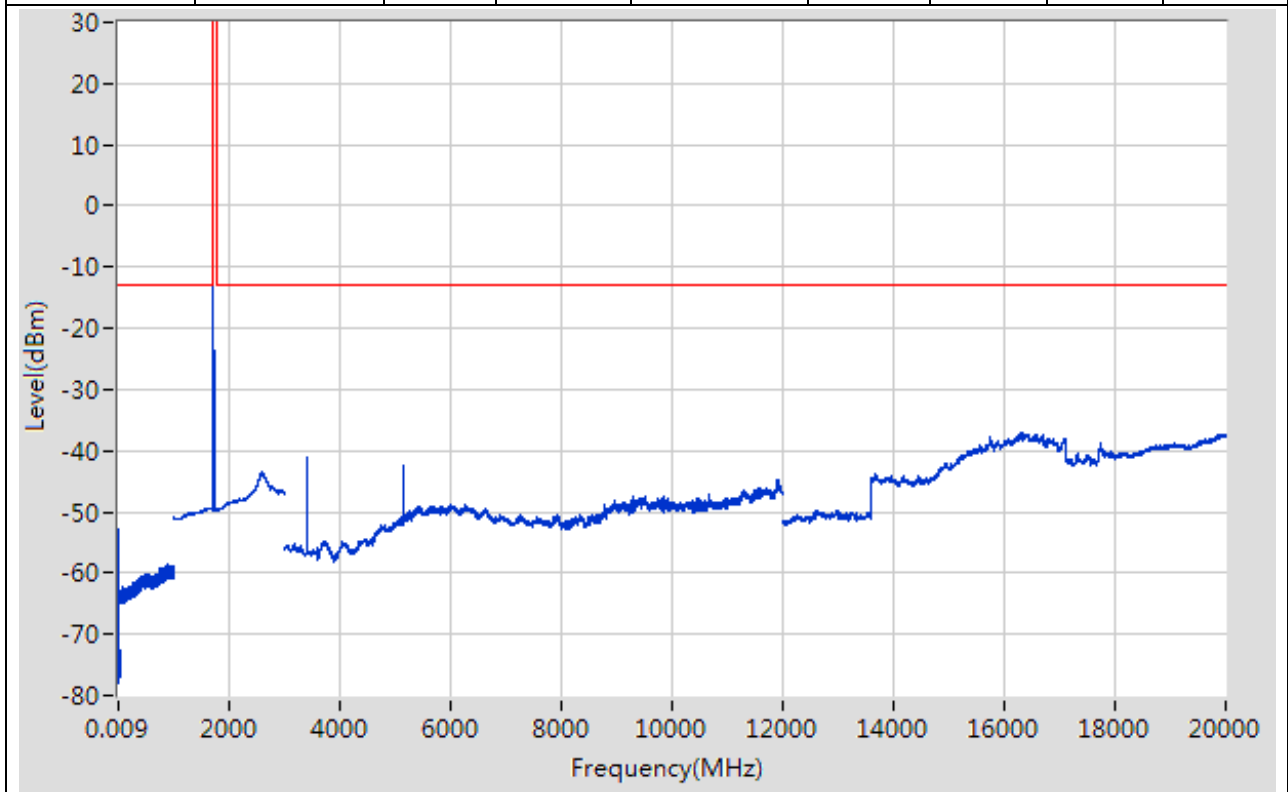
### 1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.51      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -53.12      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 906.09          | -58.7       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.1       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1719.392        | 22.98       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2575.656        | -43.55      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3439.049        | -43.68      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16418.552       | -37.21      | -13         | Pass    | 8000        |



### 1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:20000, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

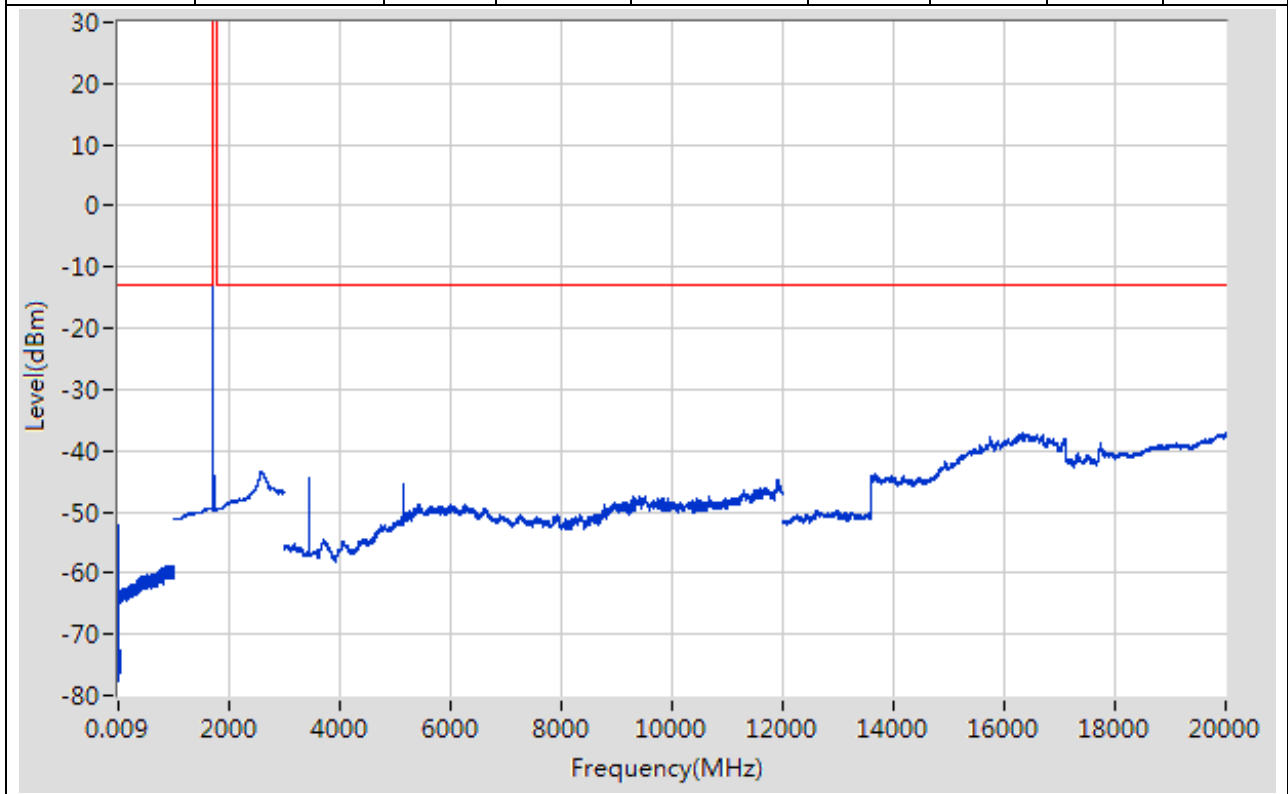
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.5       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.91      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.589         | -58.68      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1692.99         | -41.1       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.617        | 22.13       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2583.663        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3421.047        | -41.22      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16317.54        | -37.2       | -13         | Pass    | 8000        |





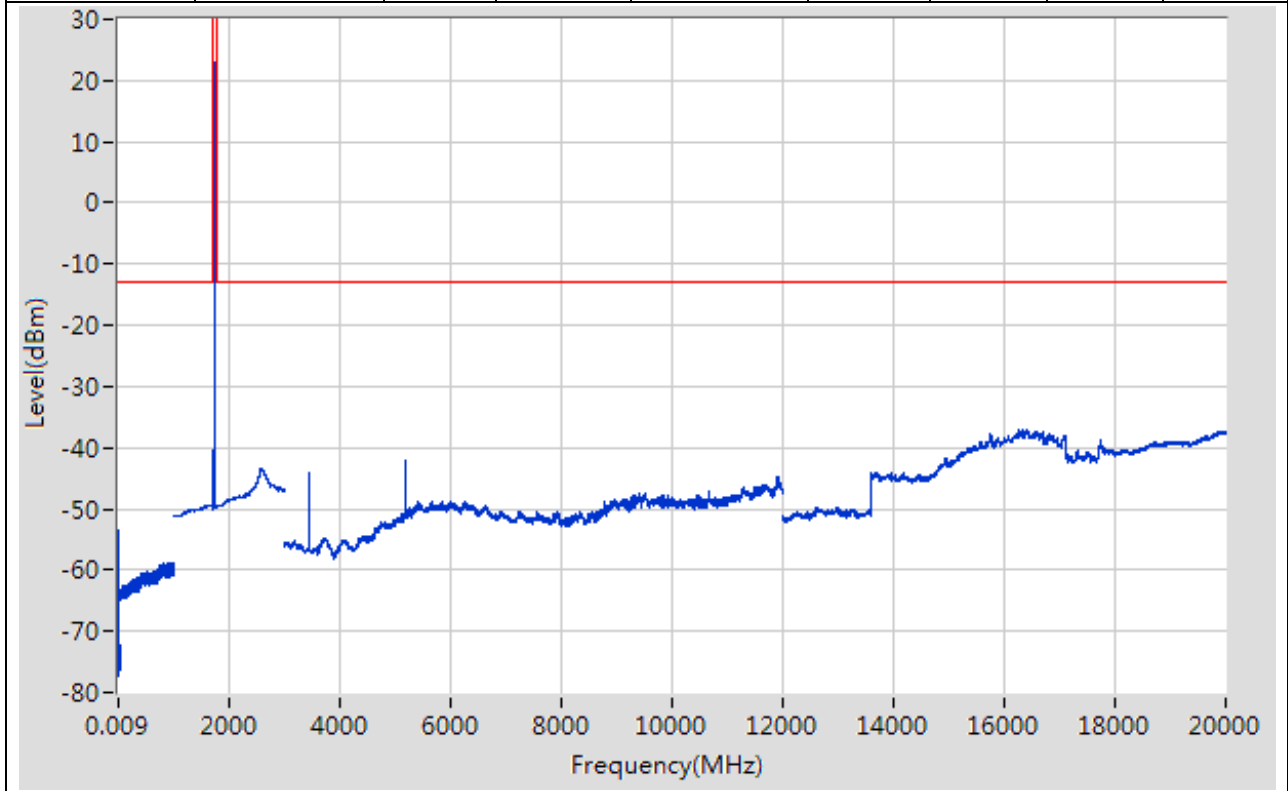
#### 1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20000, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.61      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.13      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 942.094         | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -49.17      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1719.392        | 22.09       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2577.658        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3439.049        | -44.36      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16317.54        | -37.19      | -13         | Pass    | 8000        |



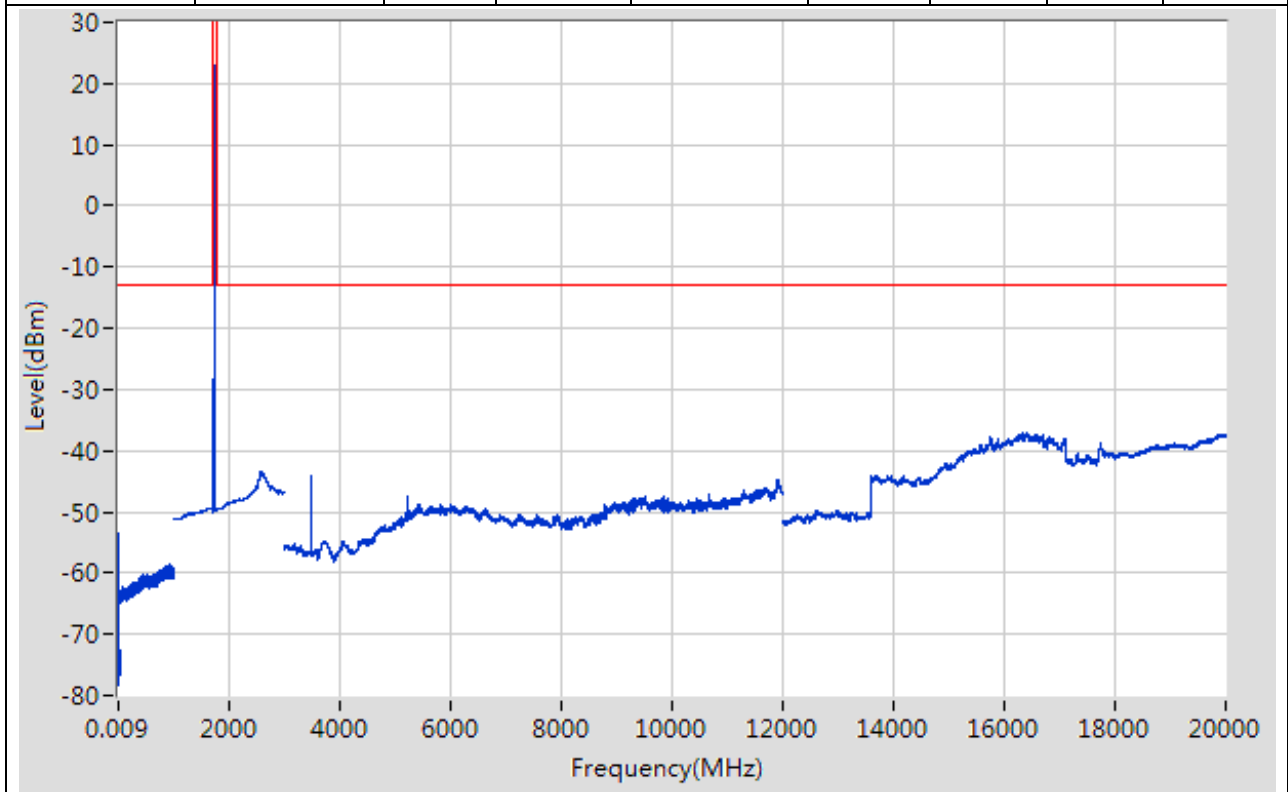
### 1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.41      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.58      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 935.093         | -58.84      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1679.971        | -49.32      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1728.058        | 22.97       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2584.664        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5184.243        | -42.06      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.16      | -13         | Pass    | 8000        |



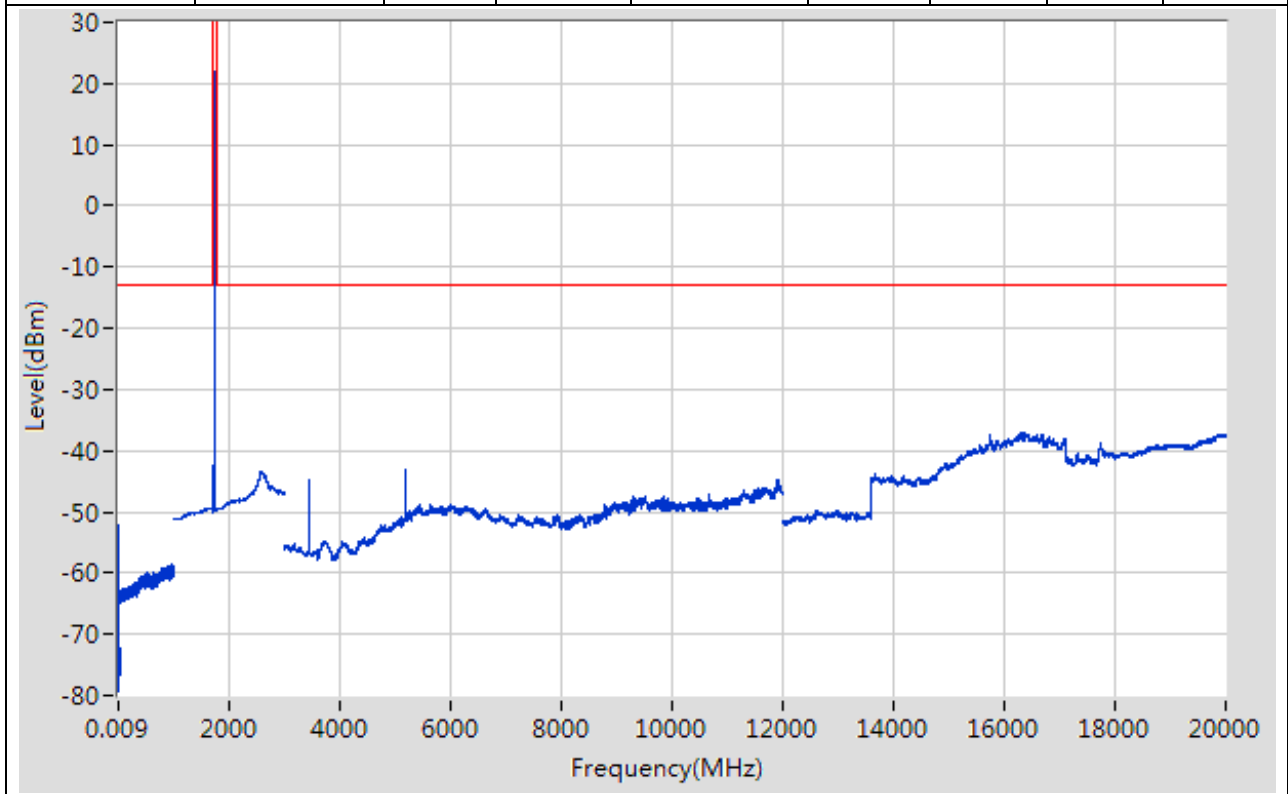
### 1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.21      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.44      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 920.792         | -58.52      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1676.967        | -49.34      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1736.942        | 22.85       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.58      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3474.053        | -43.97      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.14      | -13         | Pass    | 8000        |



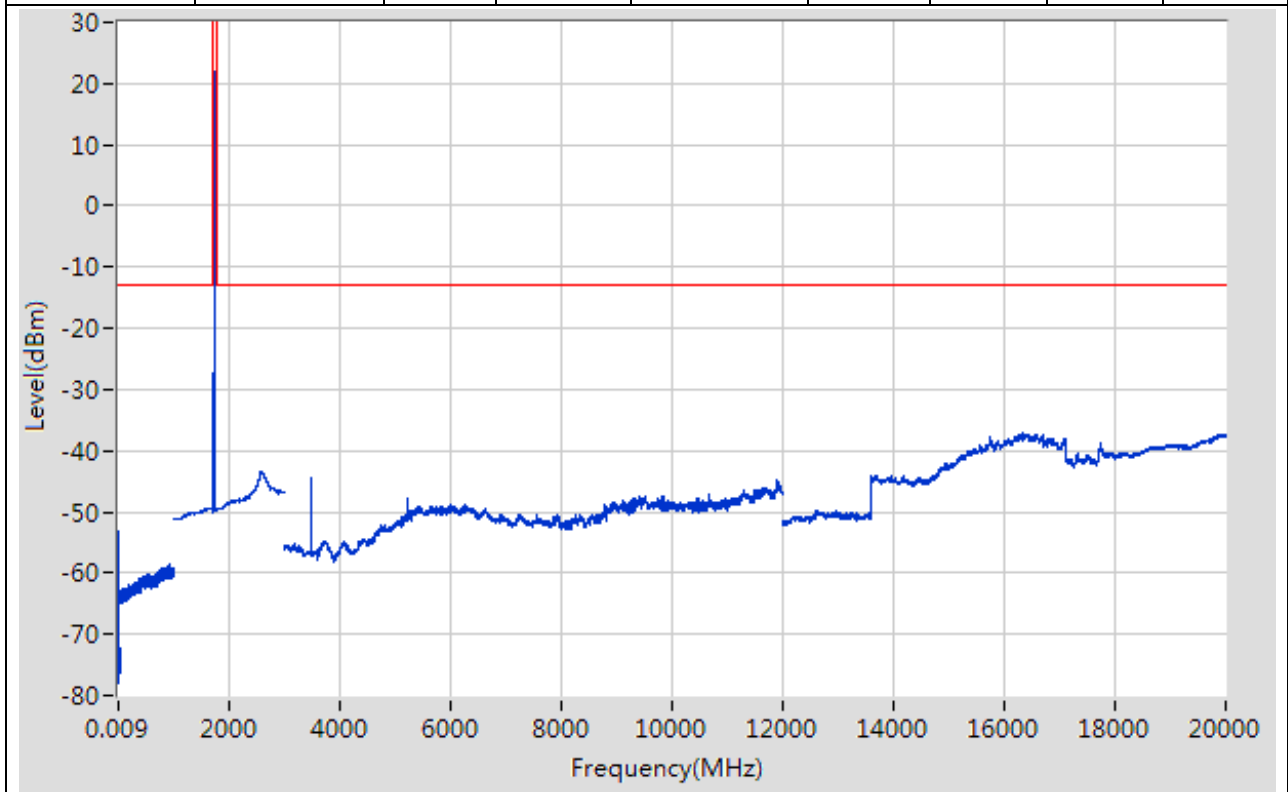
### 1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.71      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -52.25      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 978.698         | -58.44      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1676.967        | -49.35      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1728.058        | 21.93       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2598.675        | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5184.243        | -43.28      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16381.548       | -37.2       | -13         | Pass    | 8000        |



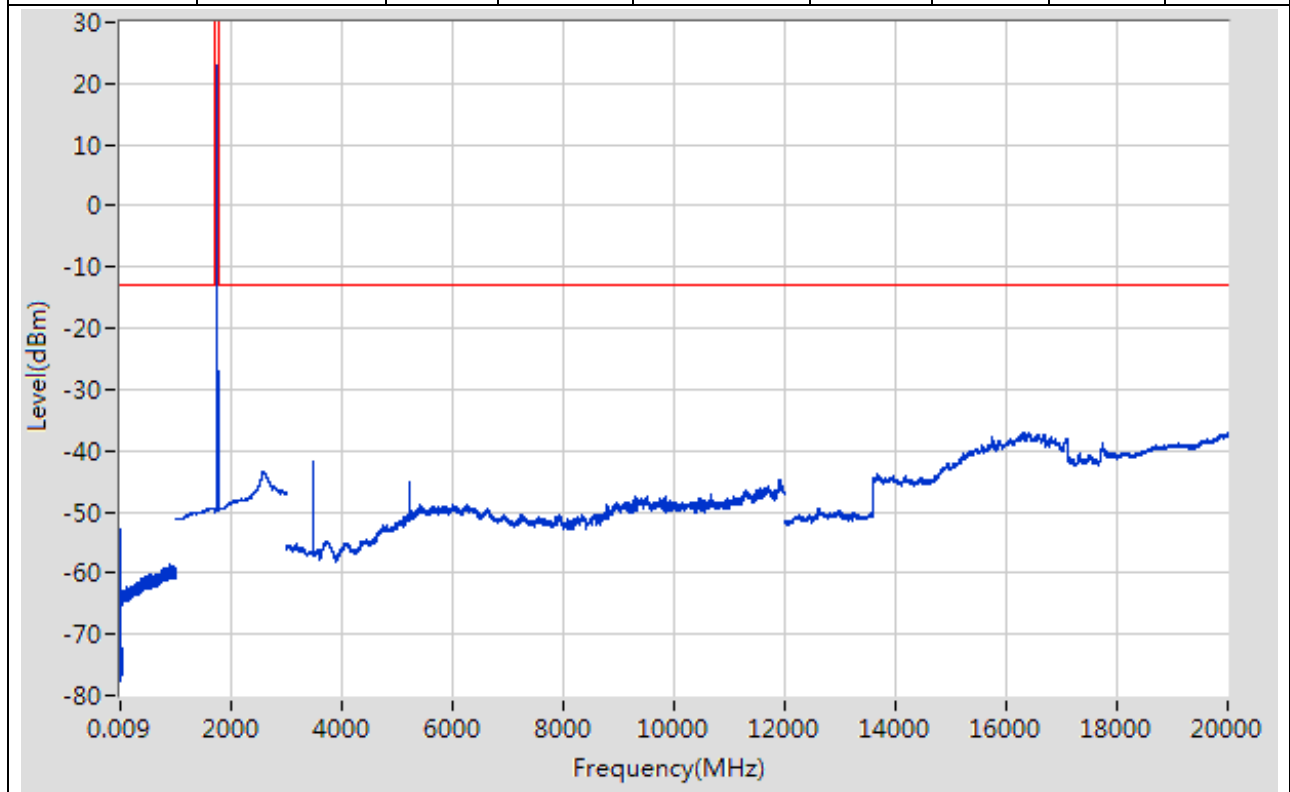
#### 1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:20175, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.47      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -53.27      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 927.493         | -58.7       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1670.959        | -49.34      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1736.942        | 21.86       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2569.652        | -43.58      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3474.053        | -44.45      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16320.54        | -37.23      | -13         | Pass    | 8000        |



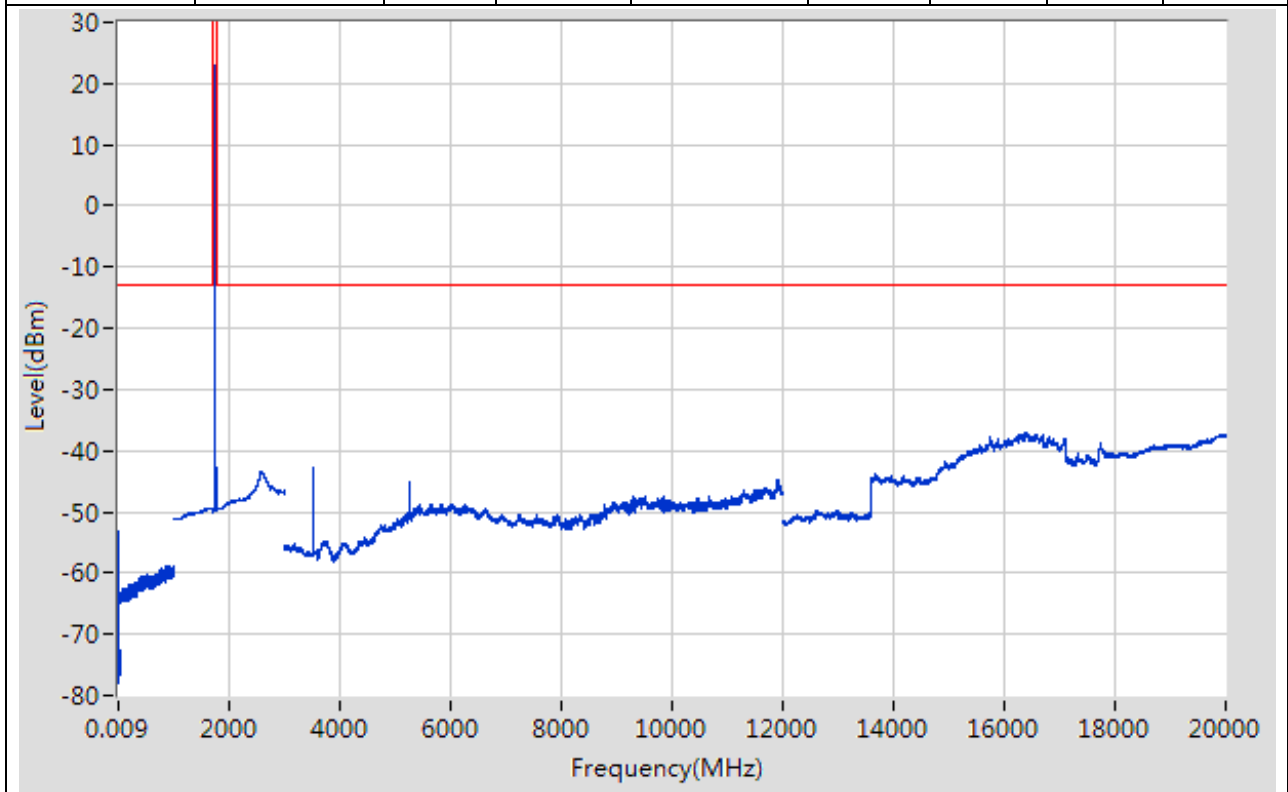
### 1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.95      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -52.77      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.389         | -58.58      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1679.971        | -49.35      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1745.608        | 22.82       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2572.654        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3491.055        | -41.62      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16313.539       | -37.17      | -13         | Pass    | 8000        |



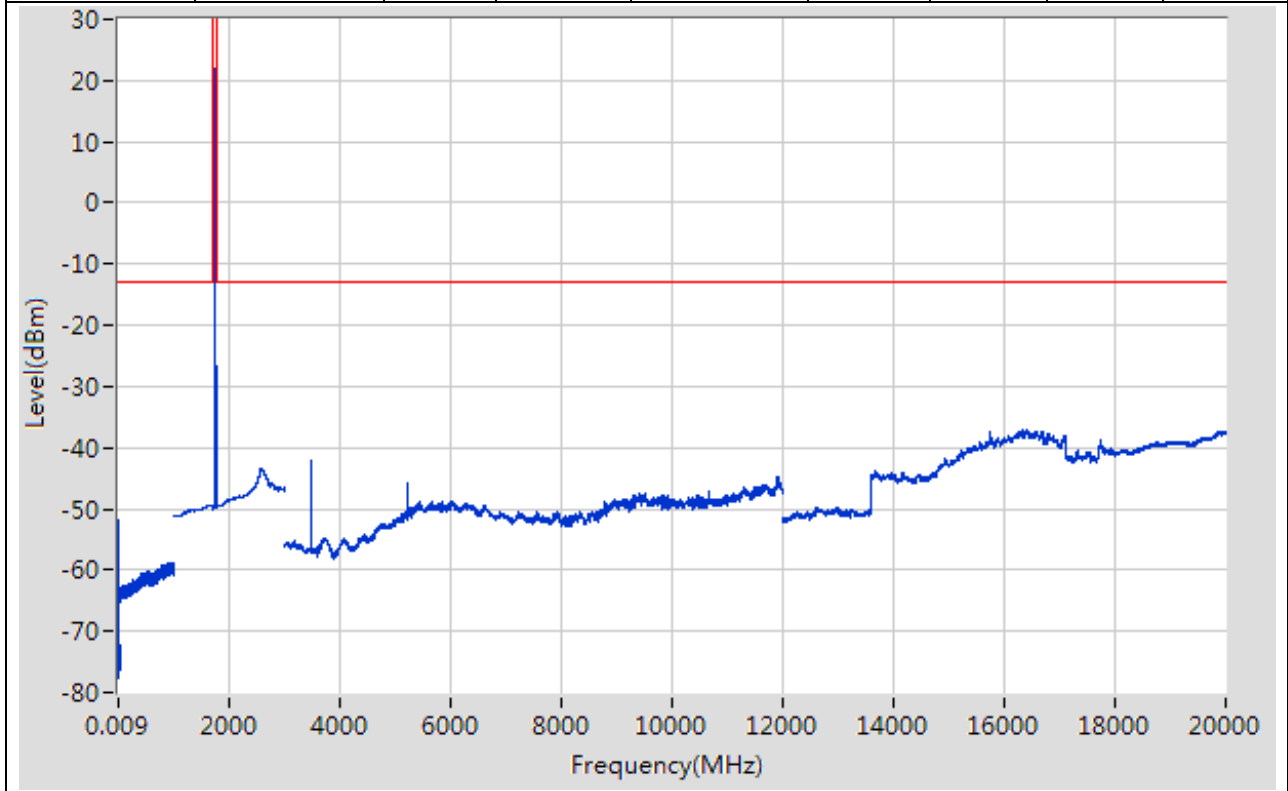
#### 1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.06      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.08      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 872.687         | -58.81      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1680.973        | -49.35      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.383        | 22.87       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2575.656        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -42.68      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16421.553       | -37.17      | -13         | Pass    | 8000        |



### 1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:20350, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:LOW)

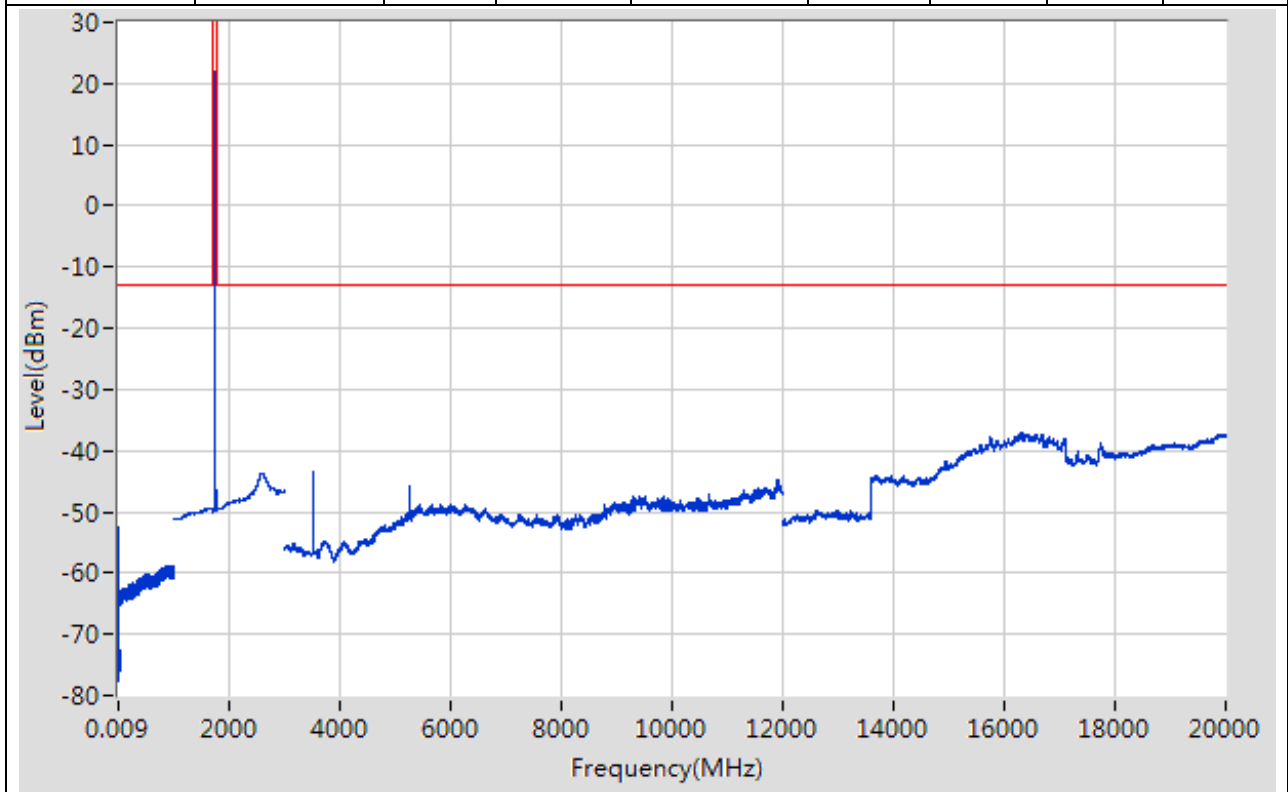
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.08      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.7       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 999.6           | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1671.96         | -49.37      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1745.608        | 21.94       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2581.661        | -43.55      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3491.055        | -42.16      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16415.552       | -37.14      | -13         | Pass    | 8000        |





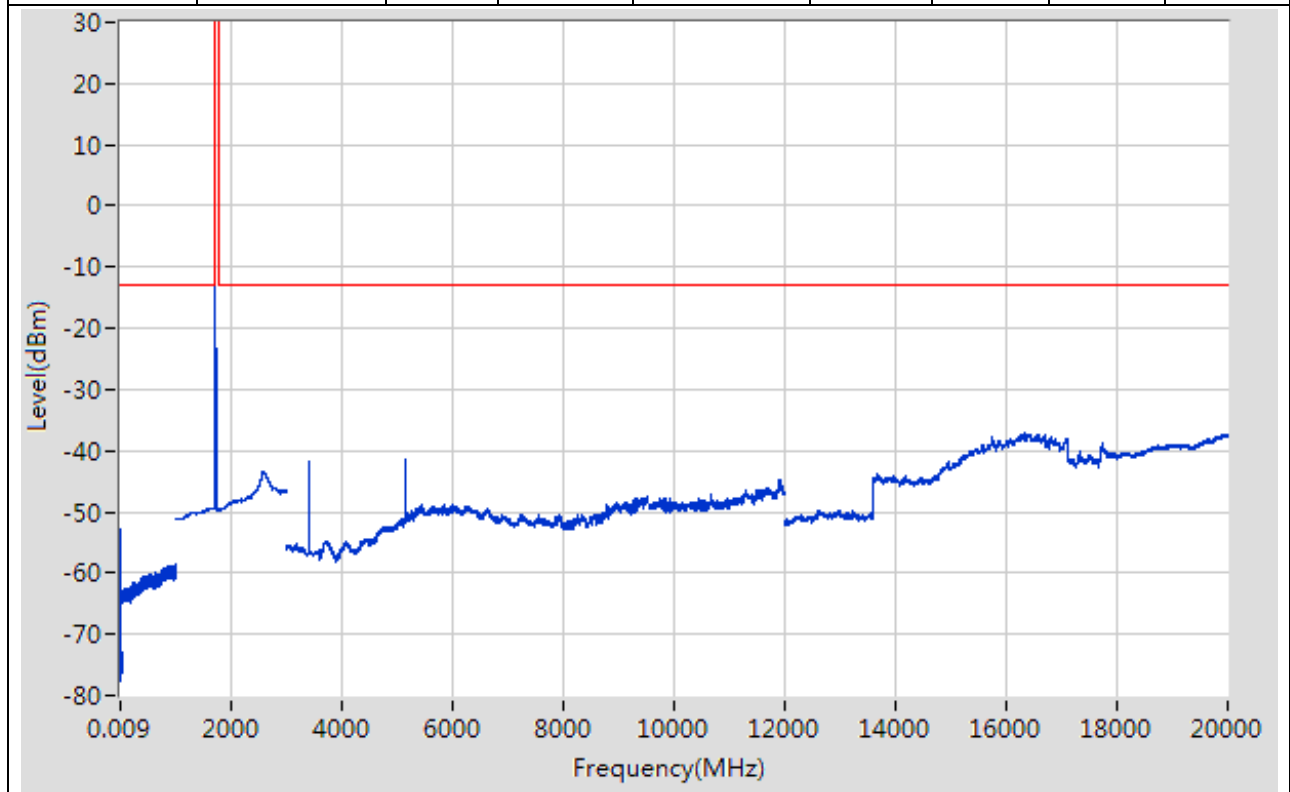
**1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:20350, Bandwidth:10, Modulation:16QAM, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.98      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.33      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 984.998         | -58.76      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1681.974        | -49.34      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.383        | 21.88       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2592.67         | -43.62      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3509.057        | -43.4       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16314.539       | -36.94      | -13         | Pass    | 8000        |



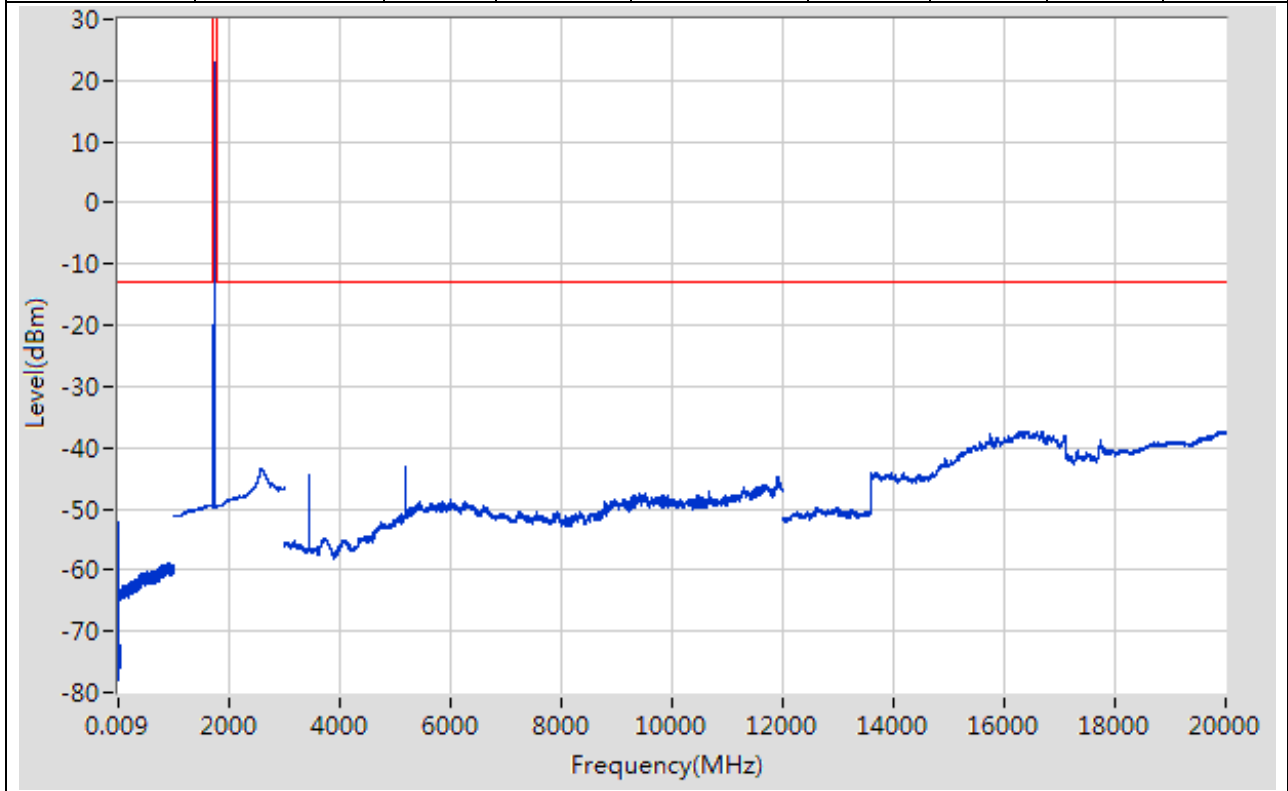
### 1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.31      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.84      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 981.498         | -58.69      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1697.997        | -45.57      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.833        | 22.99       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2567.65         | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5132.237        | -41.29      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.16      | -13         | Pass    | 8000        |



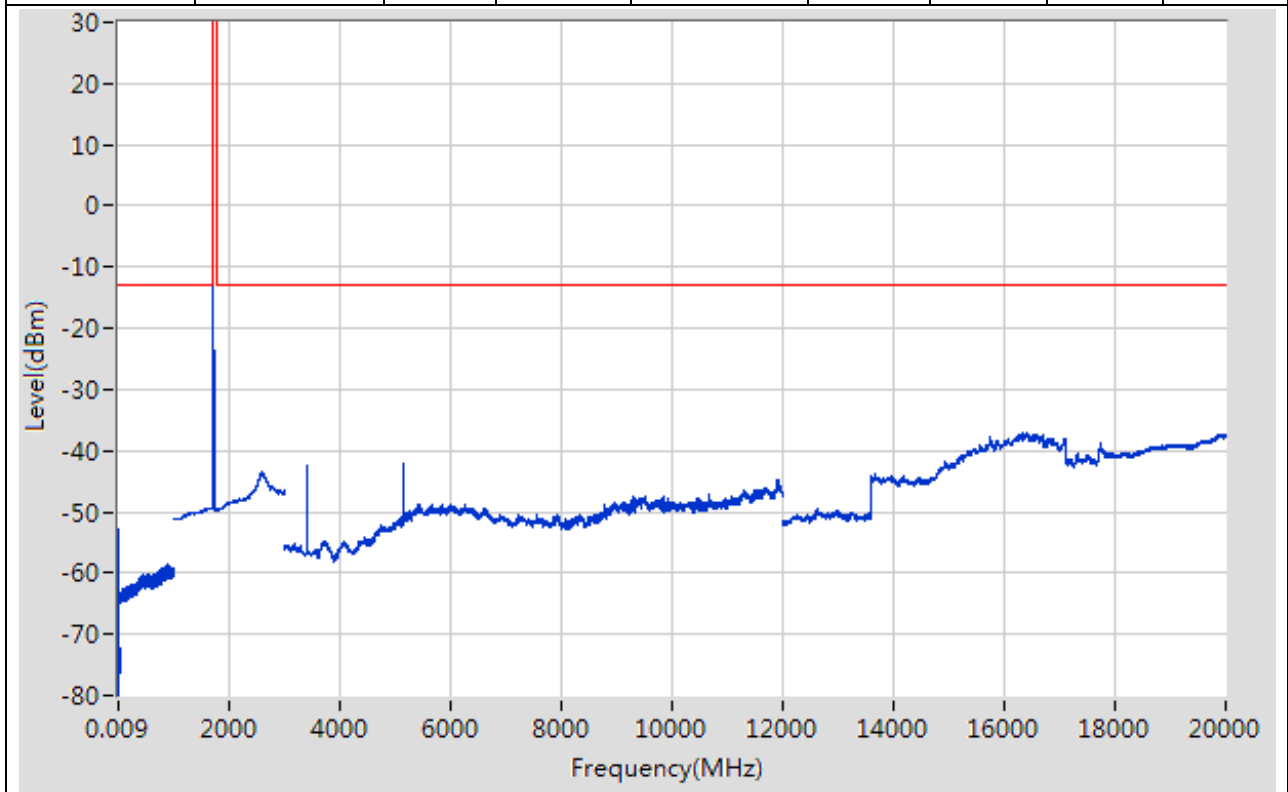
**1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -52.88      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.21      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.789         | -58.74      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1697.997        | -34.43      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1724.158        | 23.01       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2597.674        | -43.55      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5172.241        | -43.21      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.27      | -13         | Pass    | 8000        |



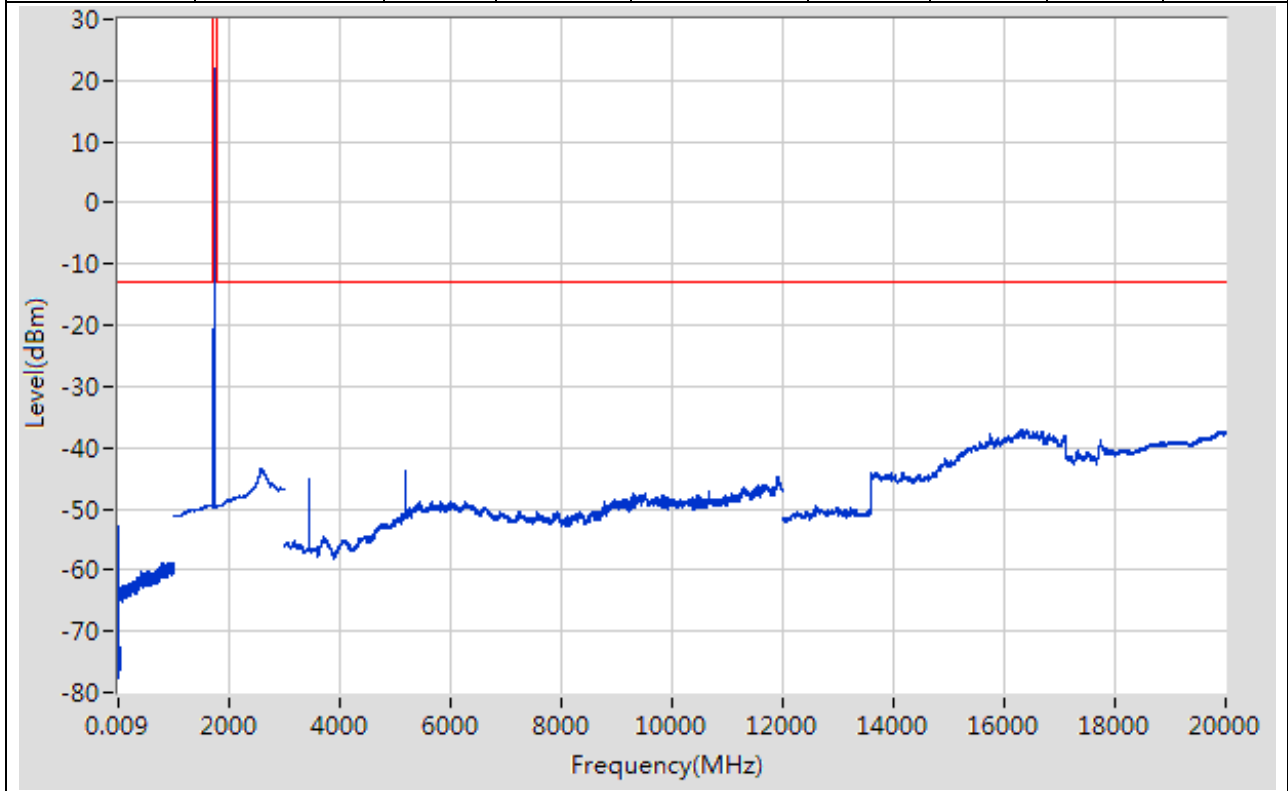
**1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:20025, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.26      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.68      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.189         | -58.64      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1697.997        | -46.26      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1710.833        | 22.15       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2576.657        | -43.57      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5132.237        | -42         | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16320.54        | -37.16      | -13         | Pass    | 8000        |



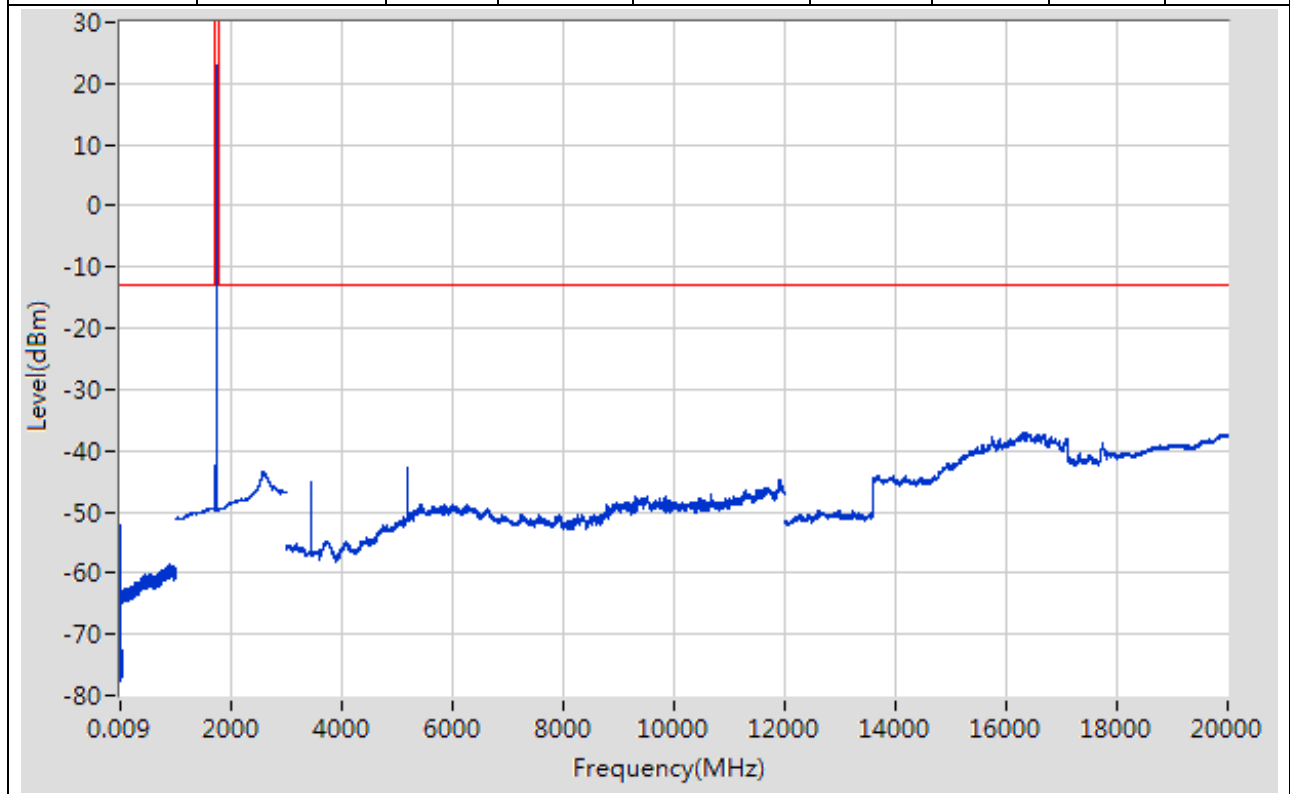
### 1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:20025, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -54.39      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.89      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 877.387         | -58.84      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1697.997        | -34.01      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1724.158        | 22.08       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2581.661        | -43.56      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5172.241        | -43.86      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16416.552       | -37.12      | -13         | Pass    | 8000        |



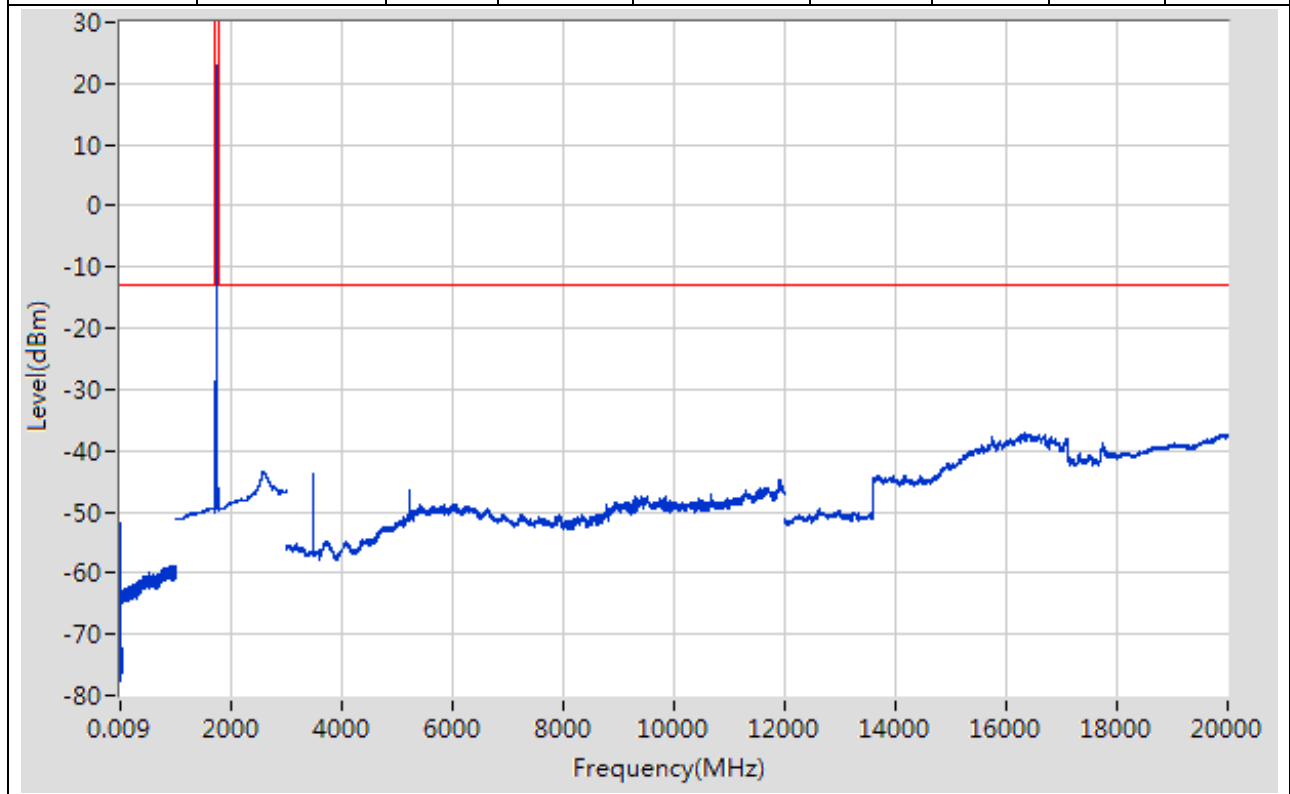
### 1.53. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.06      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -52.29      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 902.49          | -58.7       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1698.999        | -42.49      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1725.783        | 22.94       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2581.661        | -43.54      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5177.242        | -42.92      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.18      | -13         | Pass    | 8000        |



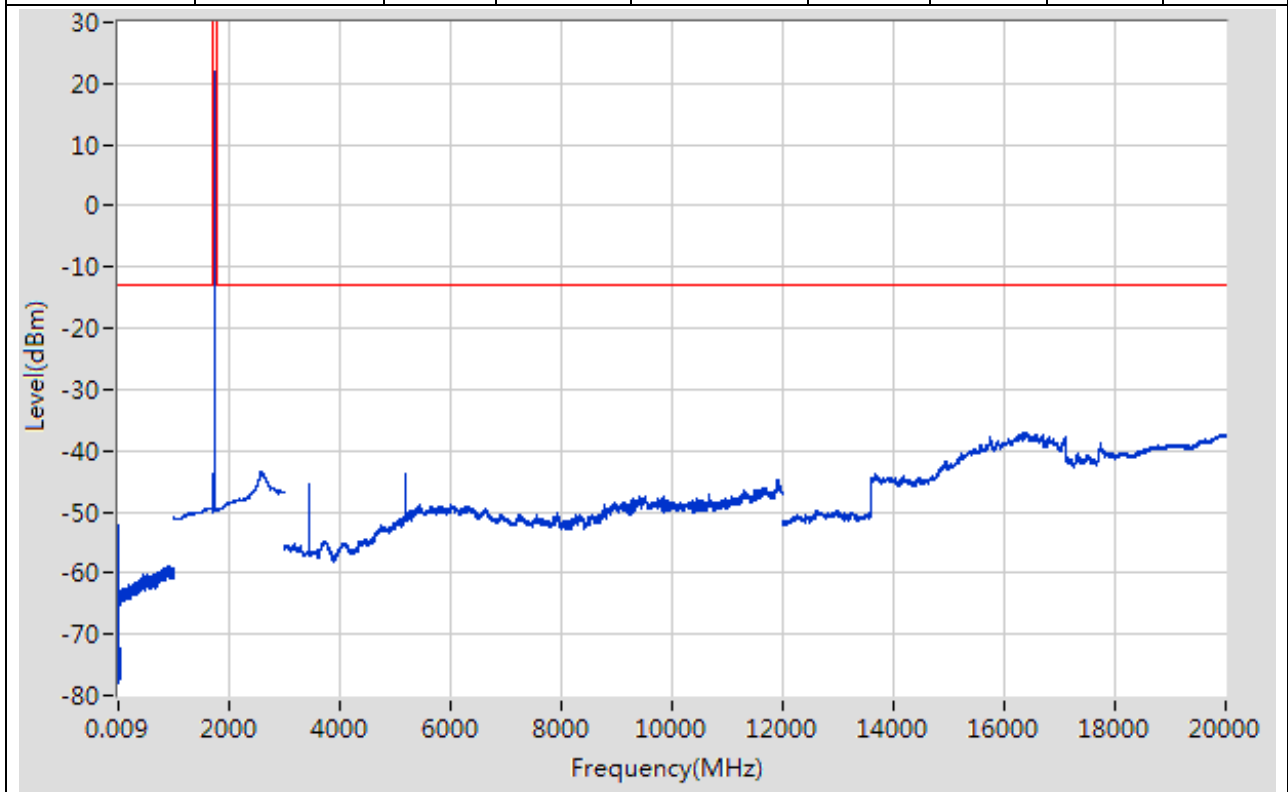
**1.54. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.44      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.96      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 988.199         | -58.71      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1683.977        | -49.34      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1739.108        | 22.83       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2576.657        | -43.58      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3478.053        | -43.69      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.18      | -13         | Pass    | 8000        |



**1.55. LTE Transmitter Spurious Emissions(NTNV)(Subtest:55, Channel:20175, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)**

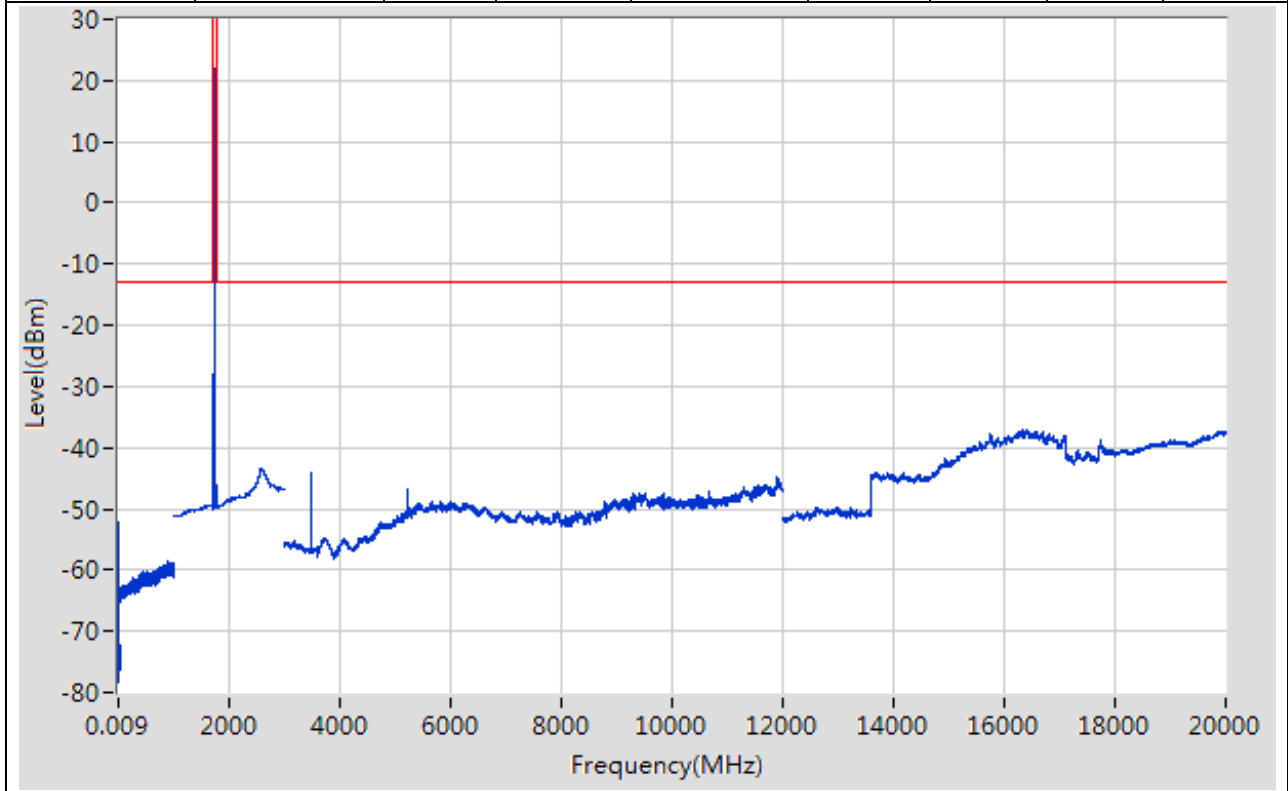
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.72      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.22      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 919.292         | -58.95      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1698.999        | -44.1       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1725.783        | 21.93       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2587.666        | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5177.242        | -43.63      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16417.552       | -37.23      | -13         | Pass    | 8000        |





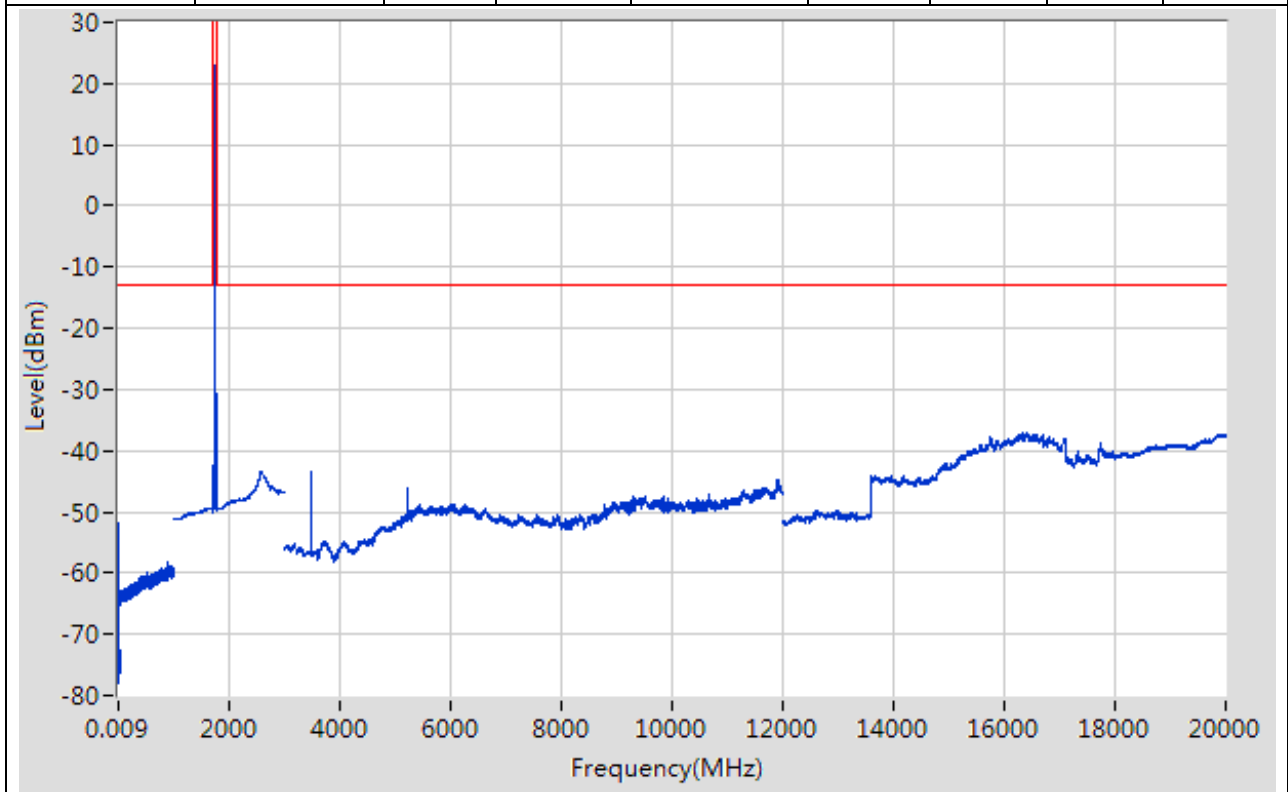
**1.56. LTE Transmitter Spurious Emissions(NTNV)(Subtest:56, Channel:20175, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.3       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.49          | -58.69      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1675.966        | -49.36      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1739.108        | 21.86       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2573.655        | -43.61      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3478.053        | -44.07      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16315.539       | -37.15      | -13         | Pass    | 8000        |



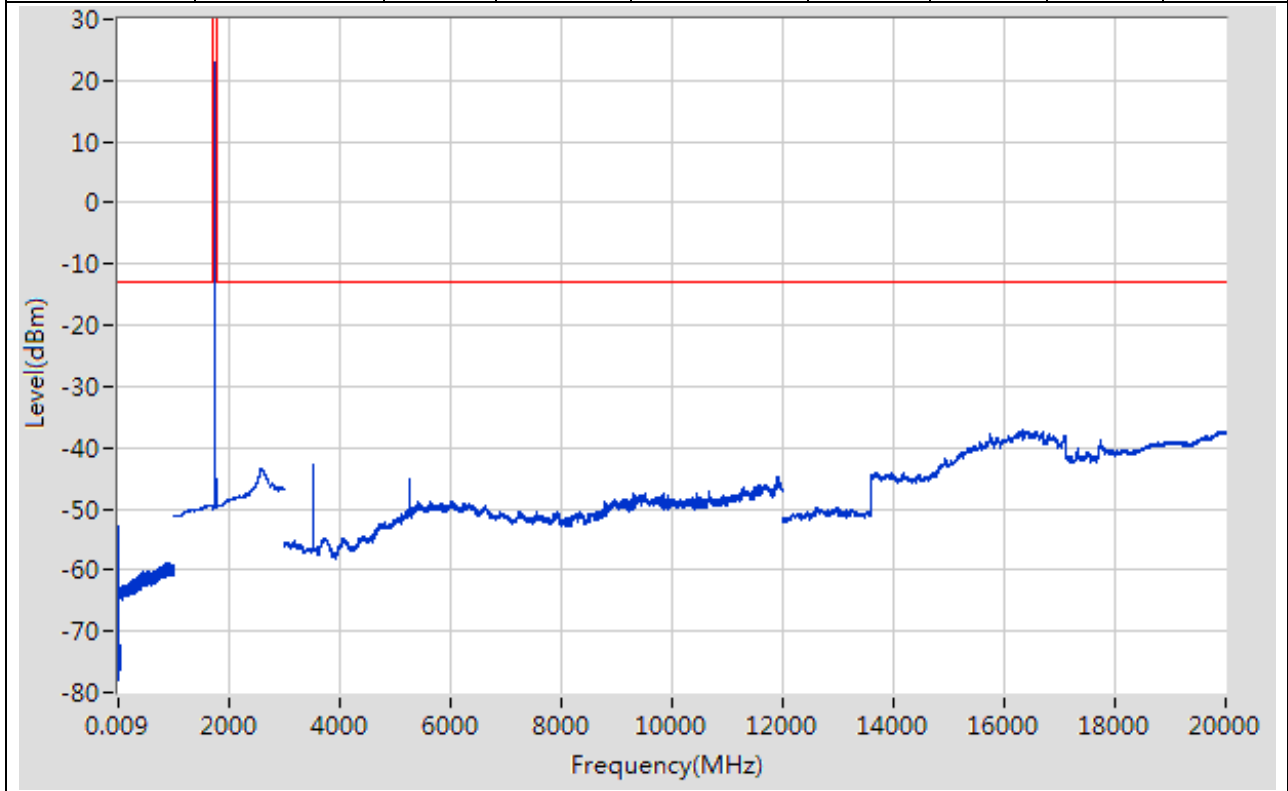
**1.57. LTE Transmitter Spurious Emissions(NTNV)(Subtest:57, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.62      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.81      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 882.388         | -58.32      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1679.971        | -49.35      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1740.842        | 22.85       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 1767.002        | -30.83      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3482.054        | -43.41      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.19      | -13         | Pass    | 8000        |



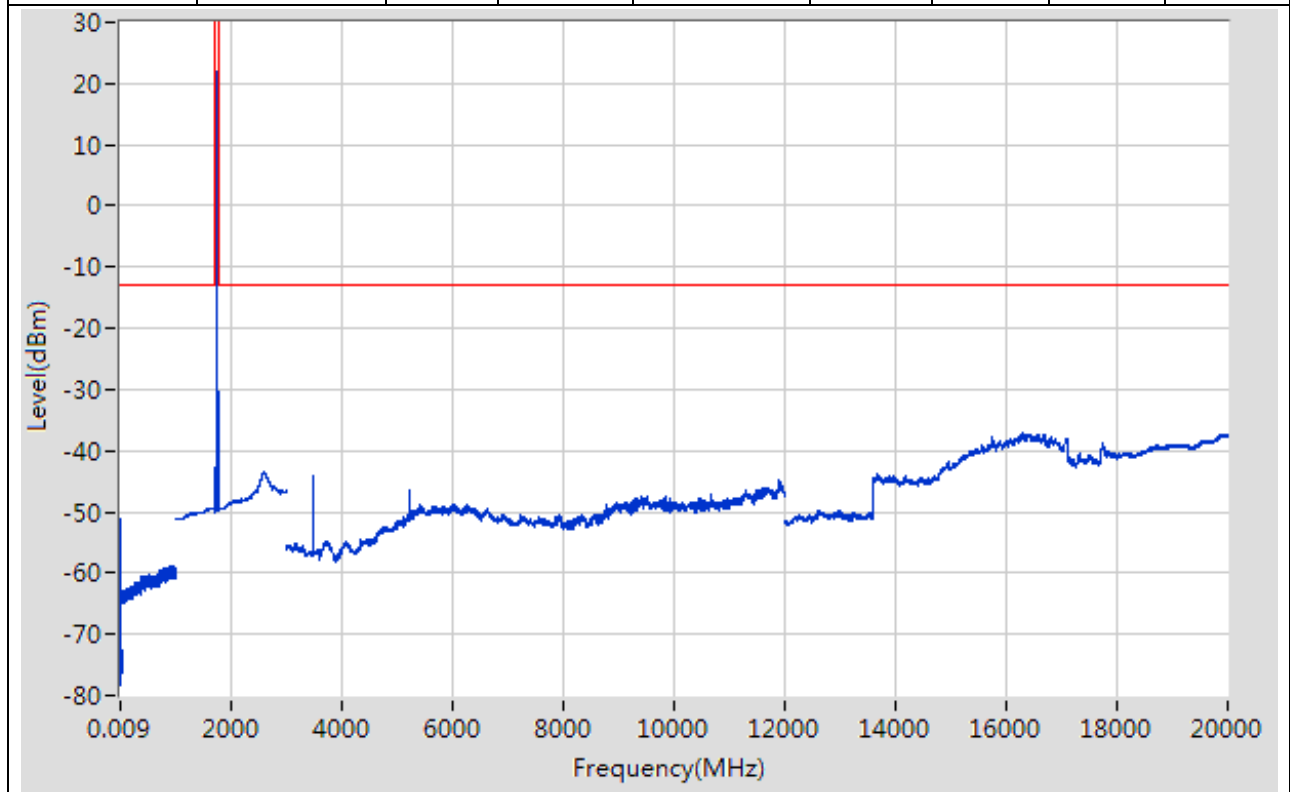
**1.58. LTE Transmitter Spurious Emissions(NTNV)(Subtest:58, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.79      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -53.13      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 887.988         | -58.73      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1622.89         | -49.35      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.167        | 22.89       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3508.056        | -42.68      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.16      | -13         | Pass    | 8000        |



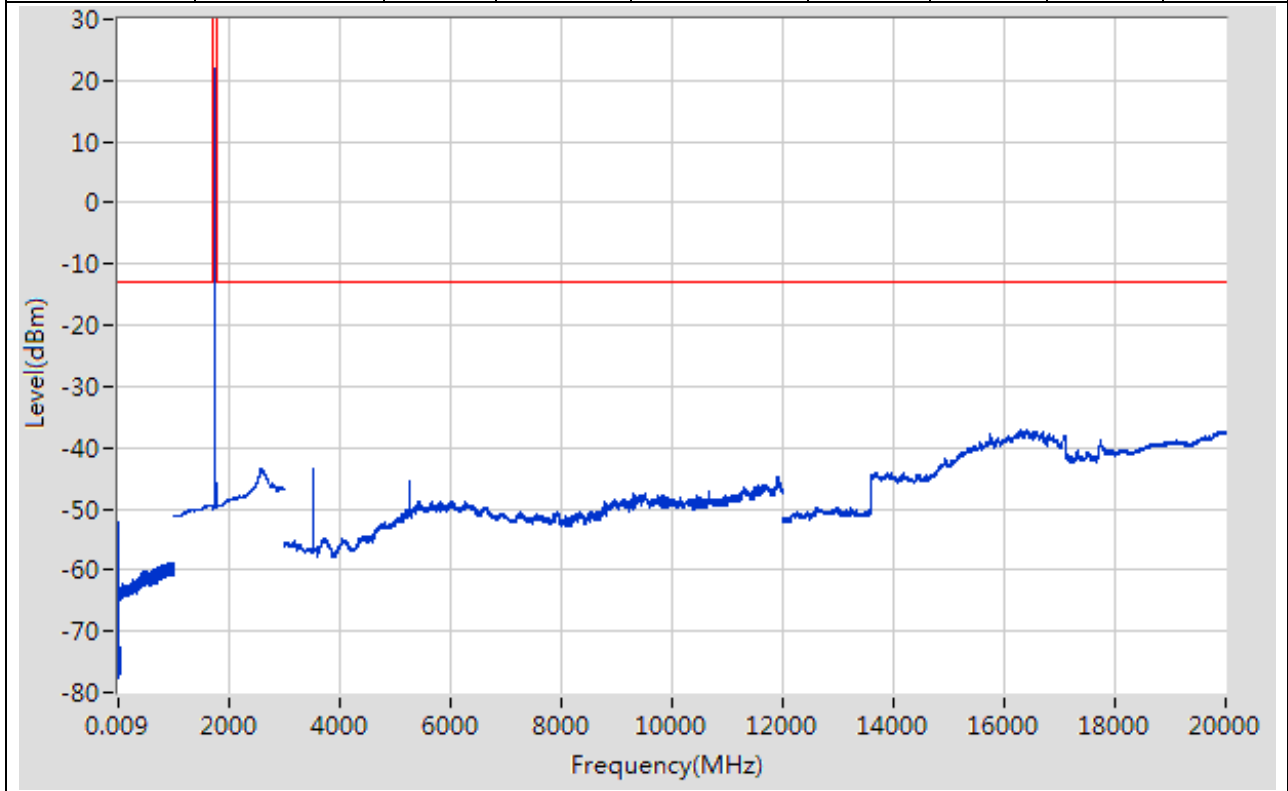
**1.59. LTE Transmitter Spurious Emissions(NTNV)(Subtest:59, Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.14      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.11      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 975.397         | -58.8       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1671.96         | -49.39      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1740.842        | 22.02       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 1767.002        | -30.53      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3482.054        | -44.01      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16311.539       | -37.2       | -13         | Pass    | 8000        |



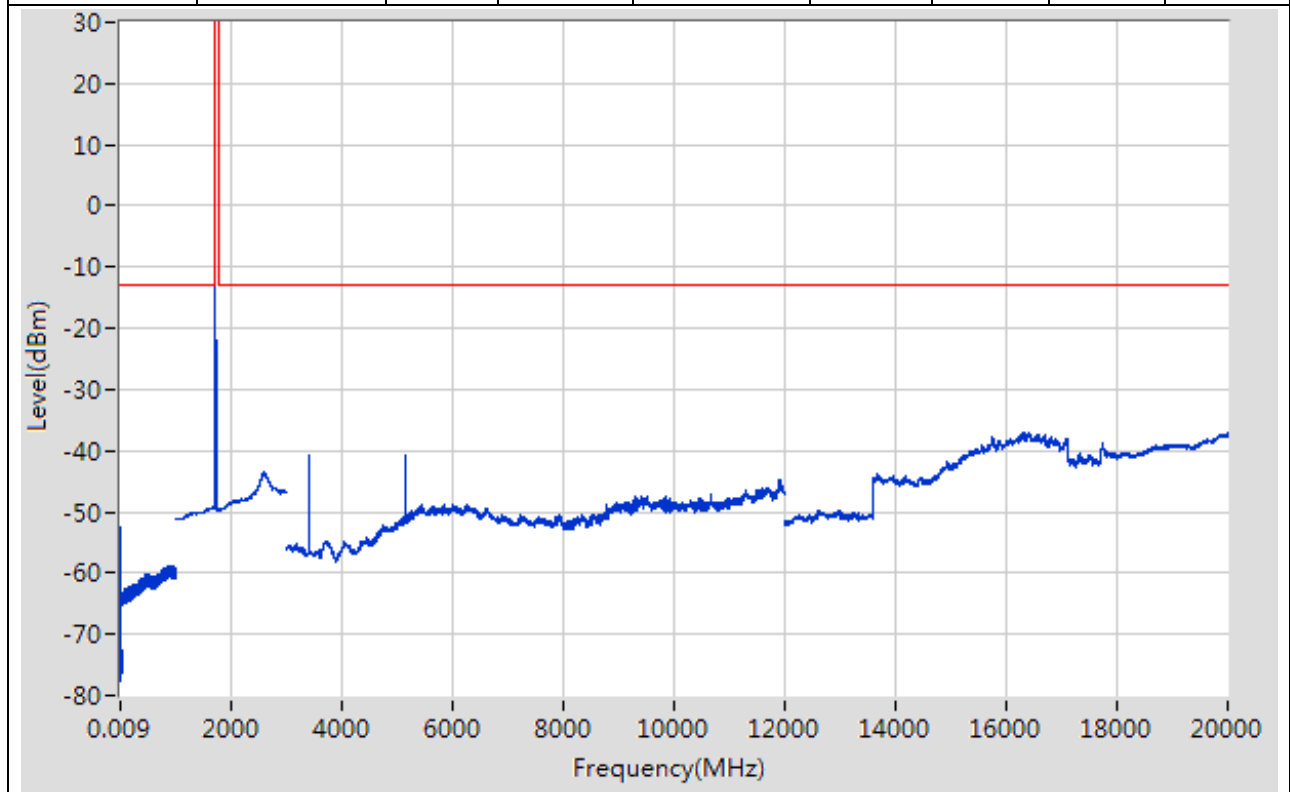
### 1.60. LTE Transmitter Spurious Emissions(NTNV)(Subtest:60, Channel:20325, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.4       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.08      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 893.289         | -58.97      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1672.961        | -49.39      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1754.167        | 21.95       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2573.655        | -43.52      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3508.056        | -43.32      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16412.552       | -37.19      | -13         | Pass    | 8000        |



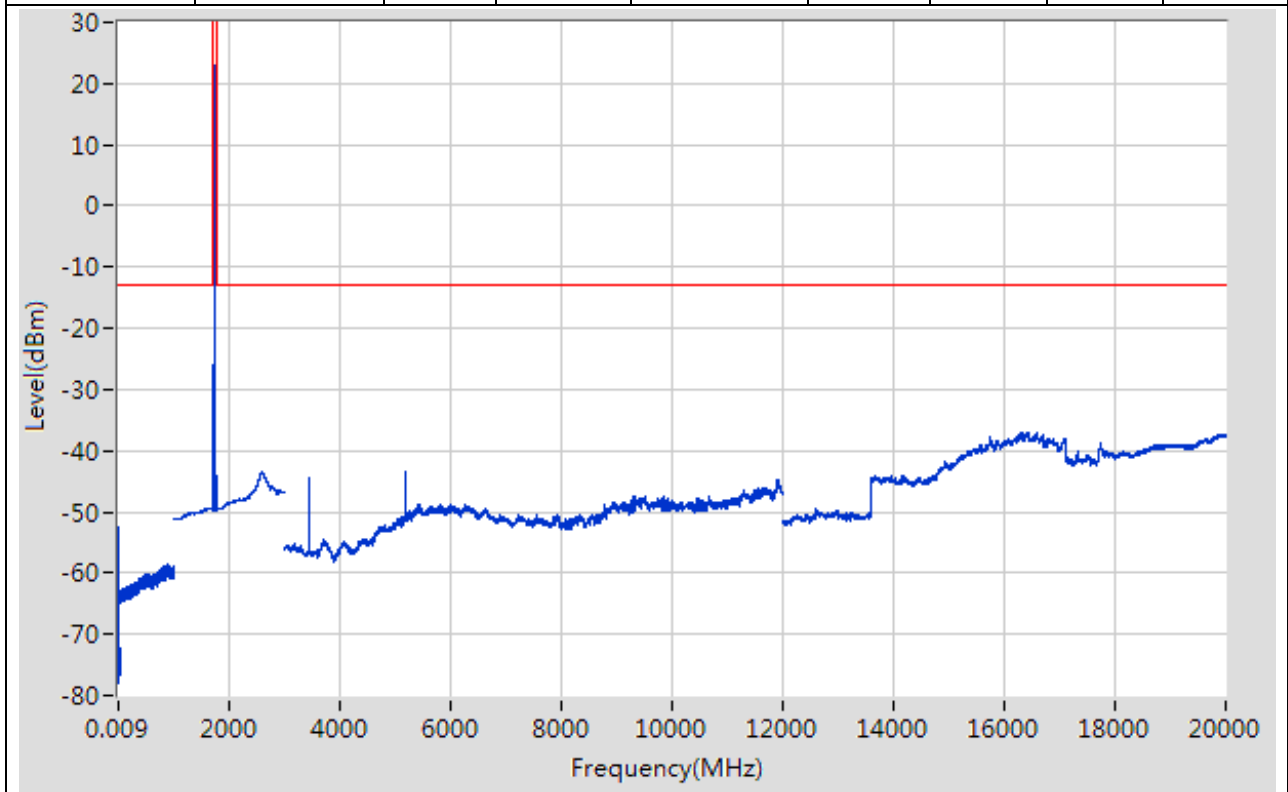
**1.61. LTE Transmitter Spurious Emissions(NTNV)(Subtest:61, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.87      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.38      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 907.69          | -58.71      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1692.99         | -44.71      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1711.05         | 23.03       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2575.656        | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3422.047        | -40.78      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.14      | -13         | Pass    | 8000        |



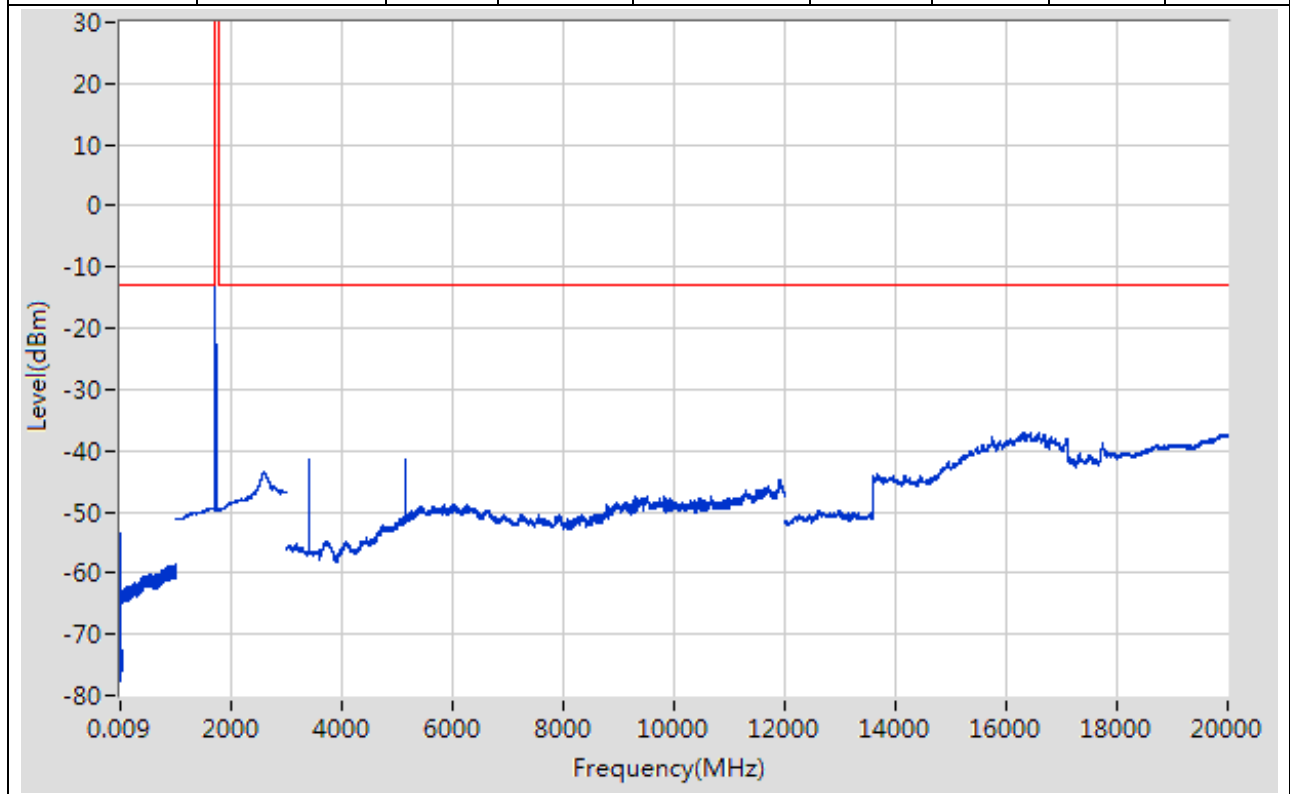
### 1.62. LTE Transmitter Spurious Emissions(NTNV)(Subtest:62, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.27      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.39      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 903.89          | -58.64      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1692.99         | -35.7       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1728.925        | 23.04       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2578.659        | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5186.243        | -43.54      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16313.539       | -37.06      | -13         | Pass    | 8000        |



### 1.63. LTE Transmitter Spurious Emissions(NTNV)(Subtest:63, Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

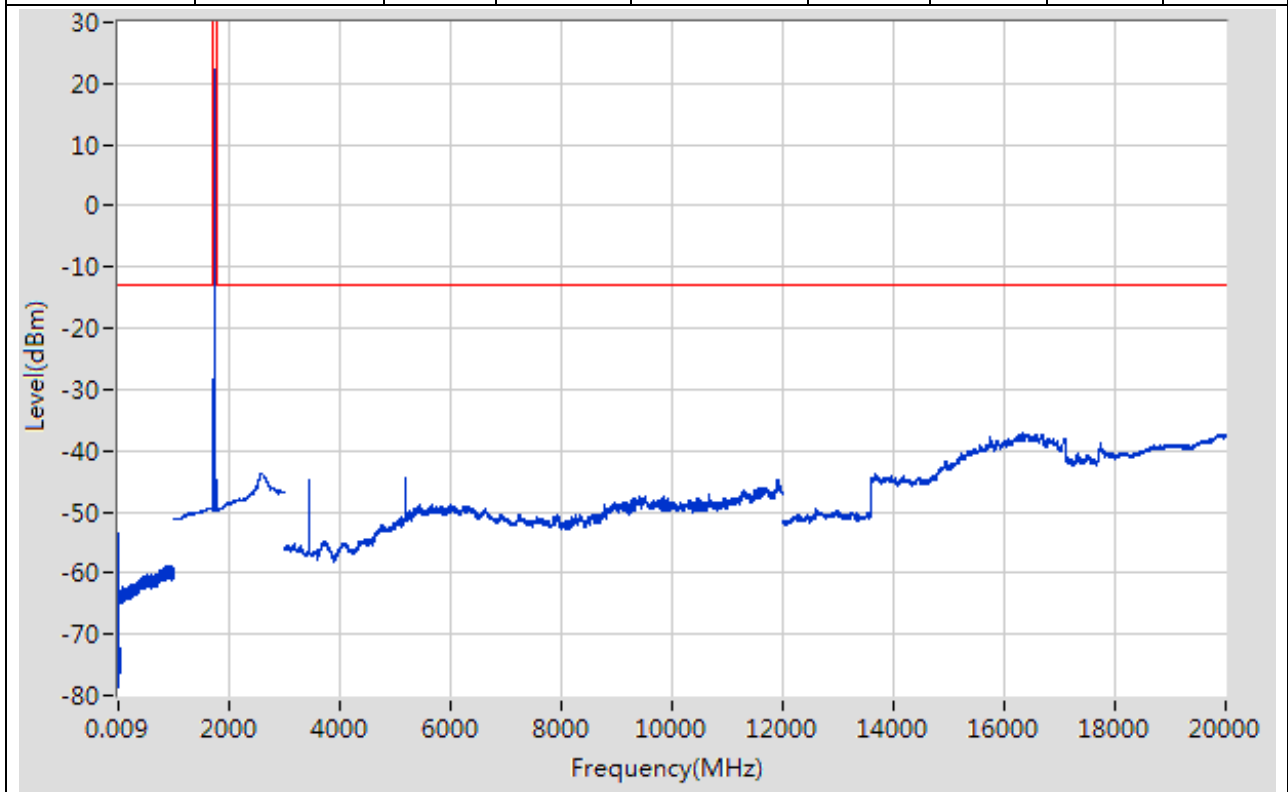
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.02      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.51      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 992.999         | -58.64      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1692.99         | -46.17      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1711.158        | 22.19       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2576.657        | -43.59      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3422.047        | -41.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16319.54        | -37.16      | -13         | Pass    | 8000        |





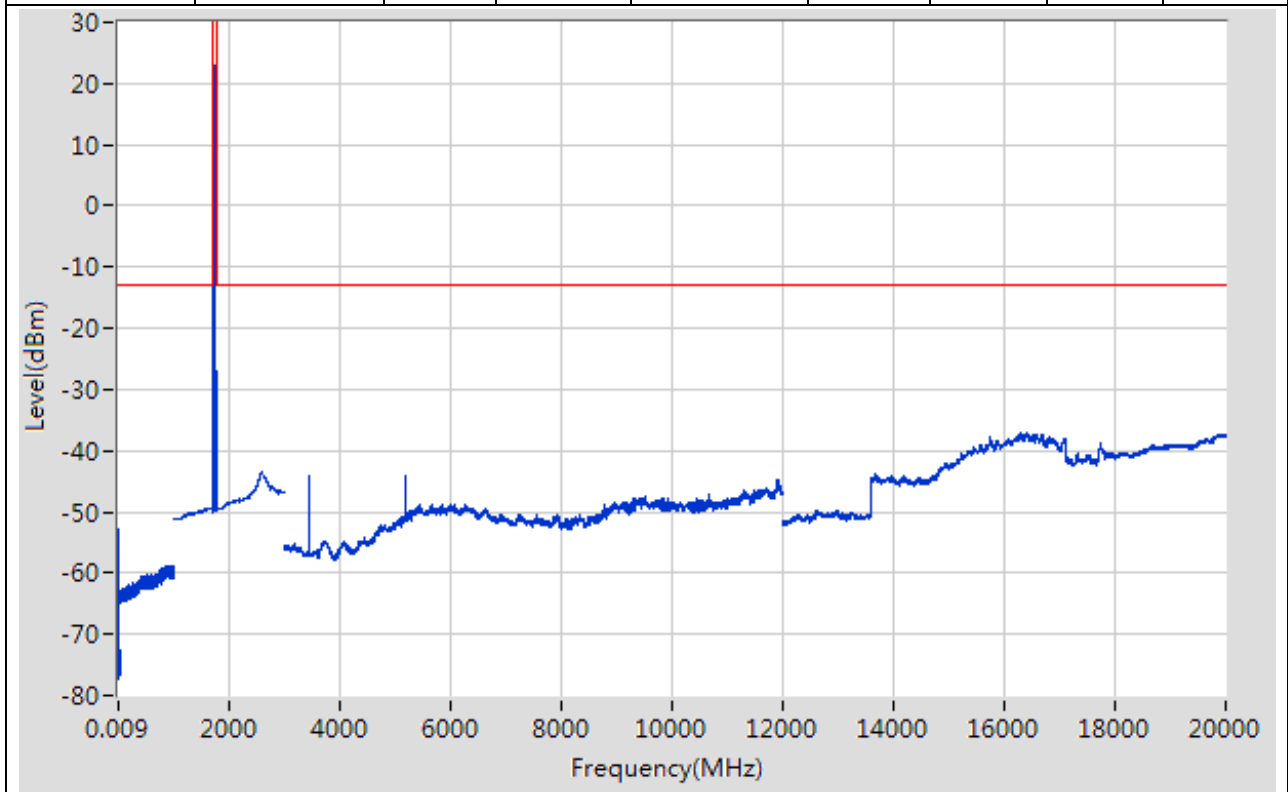
**1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:20050, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.32      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.43      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 883.888         | -58.8       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1692.99         | -34.49      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1728.925        | 22.17       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2580.66         | -43.61      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 5186.243        | -44.51      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.17      | -13         | Pass    | 8000        |



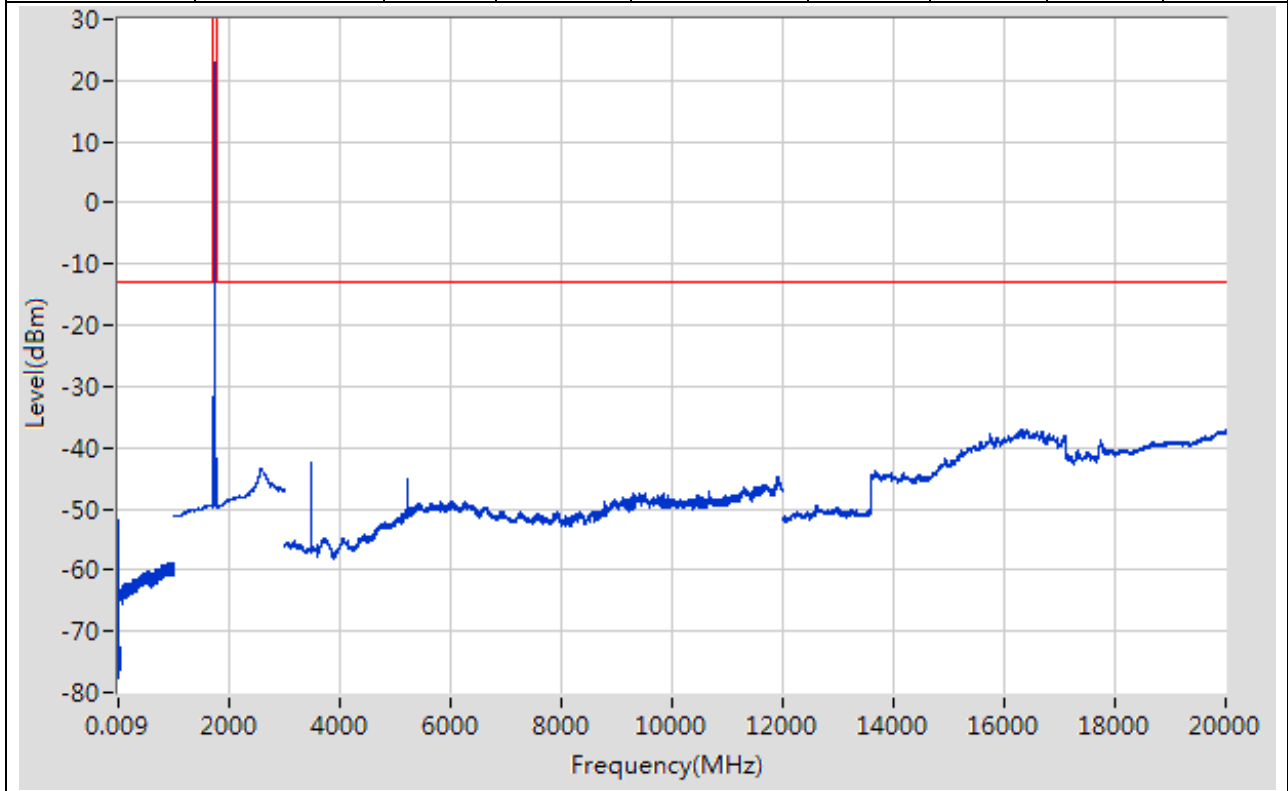
**1.65. LTE Transmitter Spurious Emissions(NTNV)(Subtest:65, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.79      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 960.796         | -58.78      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1687.983        | -48.6       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1723.617        | 23.03       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2580.66         | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3447.05         | -44.09      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16313.539       | -37.16      | -13         | Pass    | 8000        |



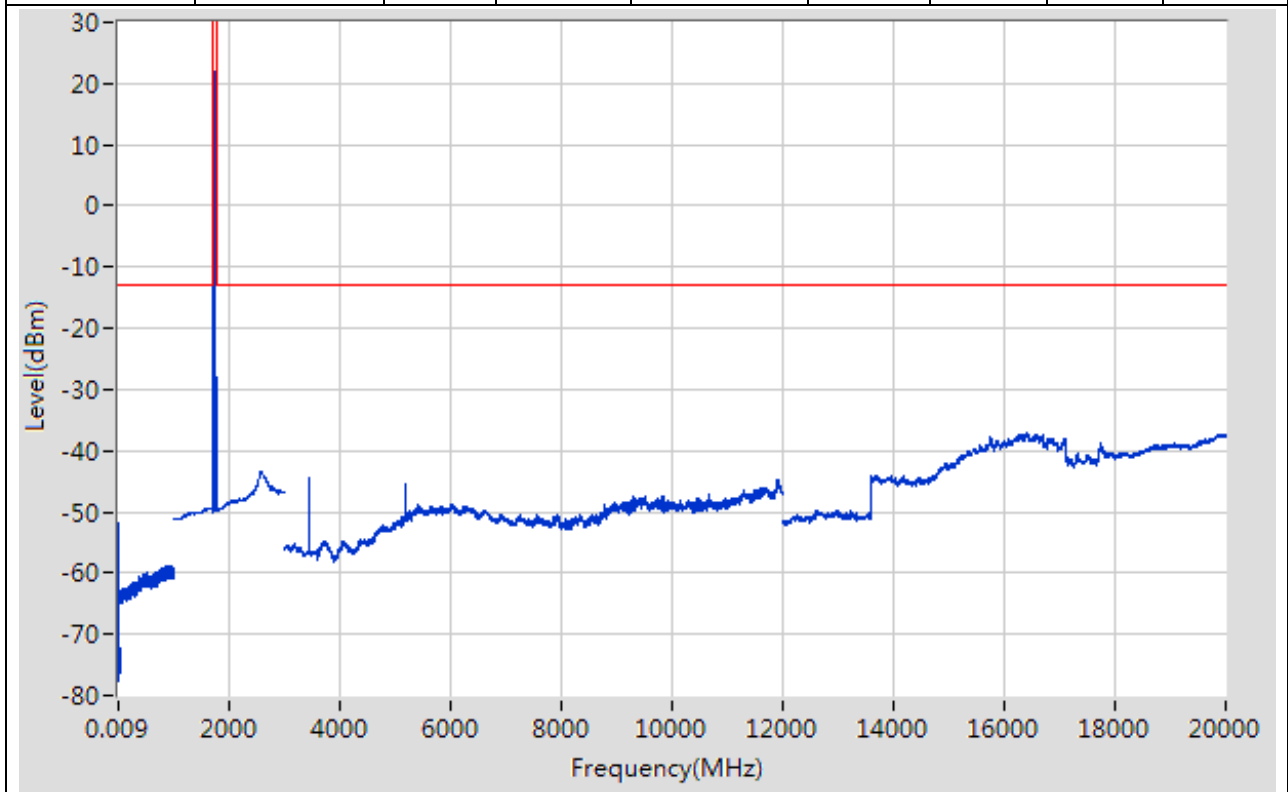
**1.66. LTE Transmitter Spurious Emissions(NTNV)(Subtest:66, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -52.88      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.9       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 873.987         | -58.87      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1673.963        | -49.32      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1741.383        | 22.85       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2577.658        | -43.57      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3483.054        | -42.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16313.539       | -37.15      | -13         | Pass    | 8000        |



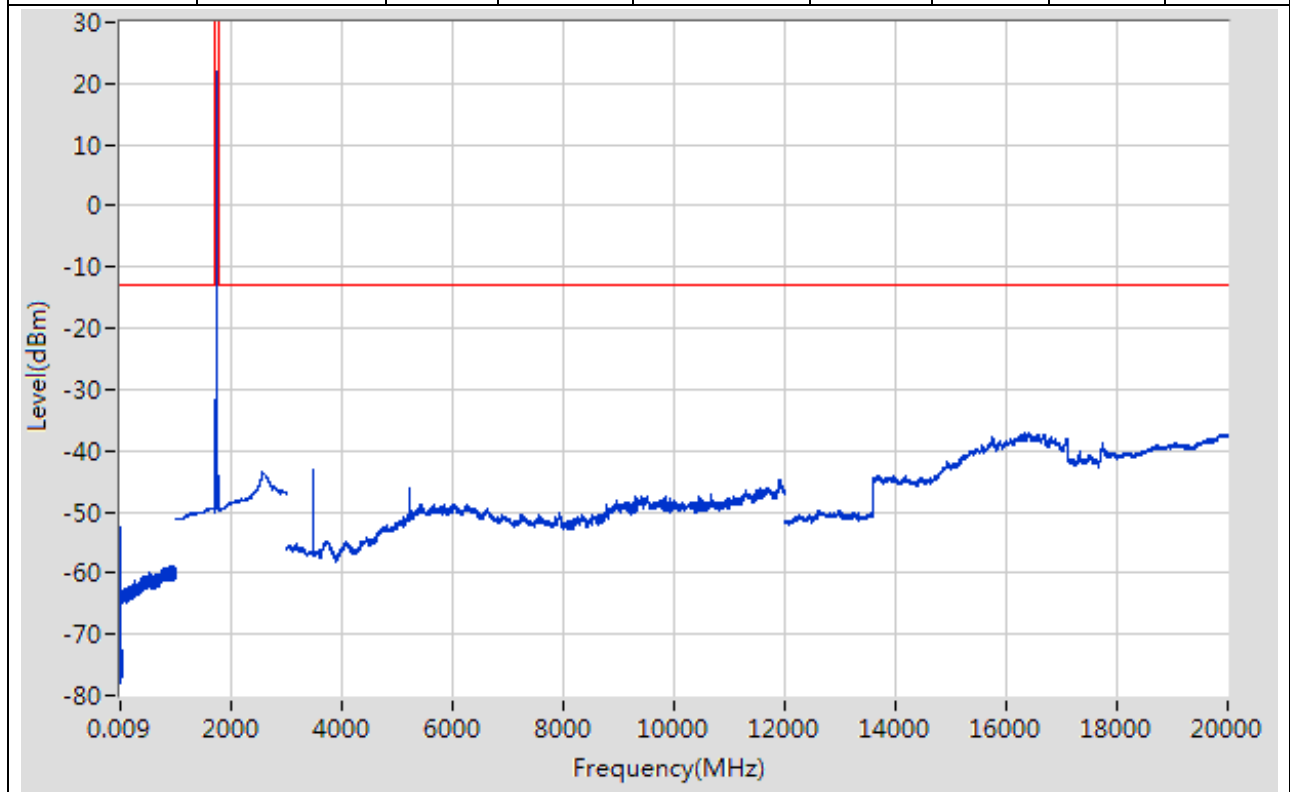
**1.67. LTE Transmitter Spurious Emissions(NTNV)(Subtest:67, Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.65      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.88      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 929.093         | -58.79      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1687.983        | -49.08      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1723.617        | 22.03       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2574.656        | -43.6       | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3447.05         | -44.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16414.552       | -37.22      | -13         | Pass    | 8000        |



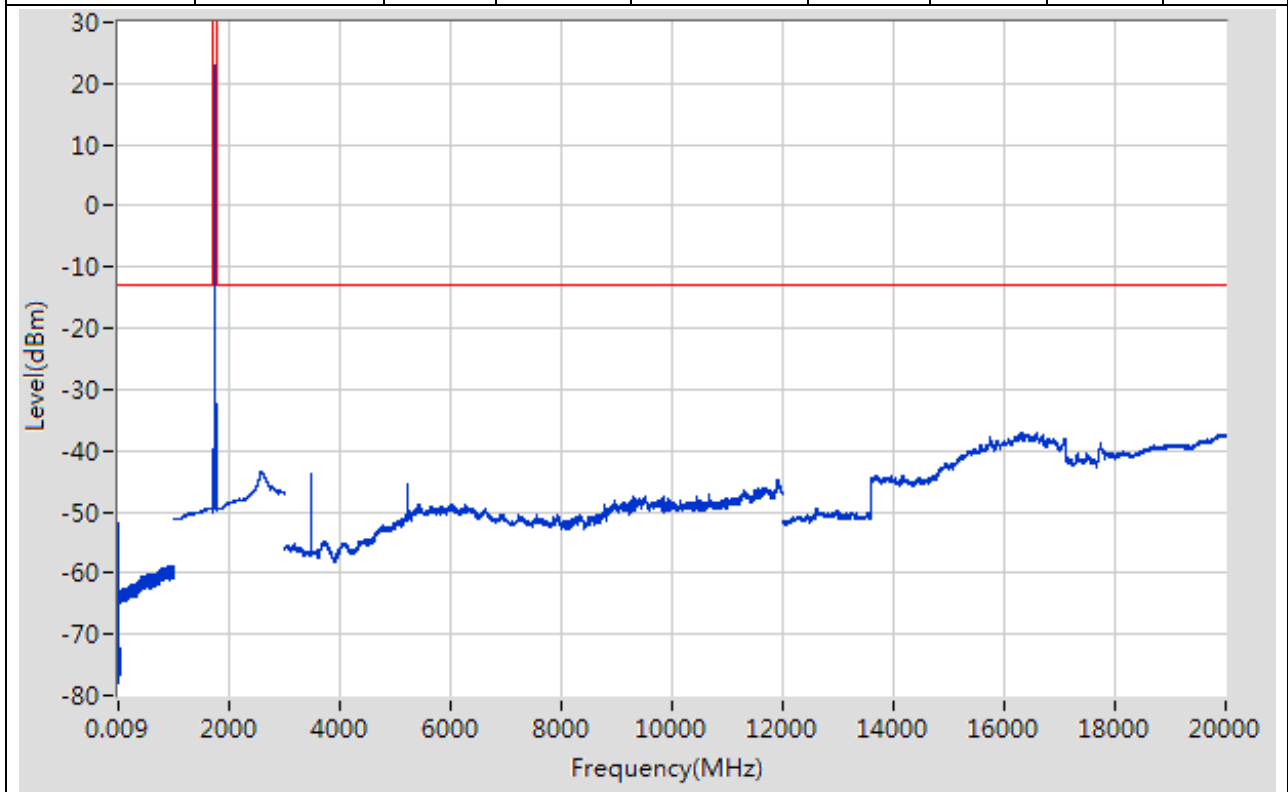
**1.68. LTE Transmitter Spurious Emissions(NTNV)(Subtest:68, Channel:20175, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.9       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.55      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 929.093         | -58.8       | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1676.967        | -49.38      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1741.383        | 21.89       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2570.652        | -43.58      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3483.054        | -43.02      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16316.54        | -37.06      | -13         | Pass    | 8000        |



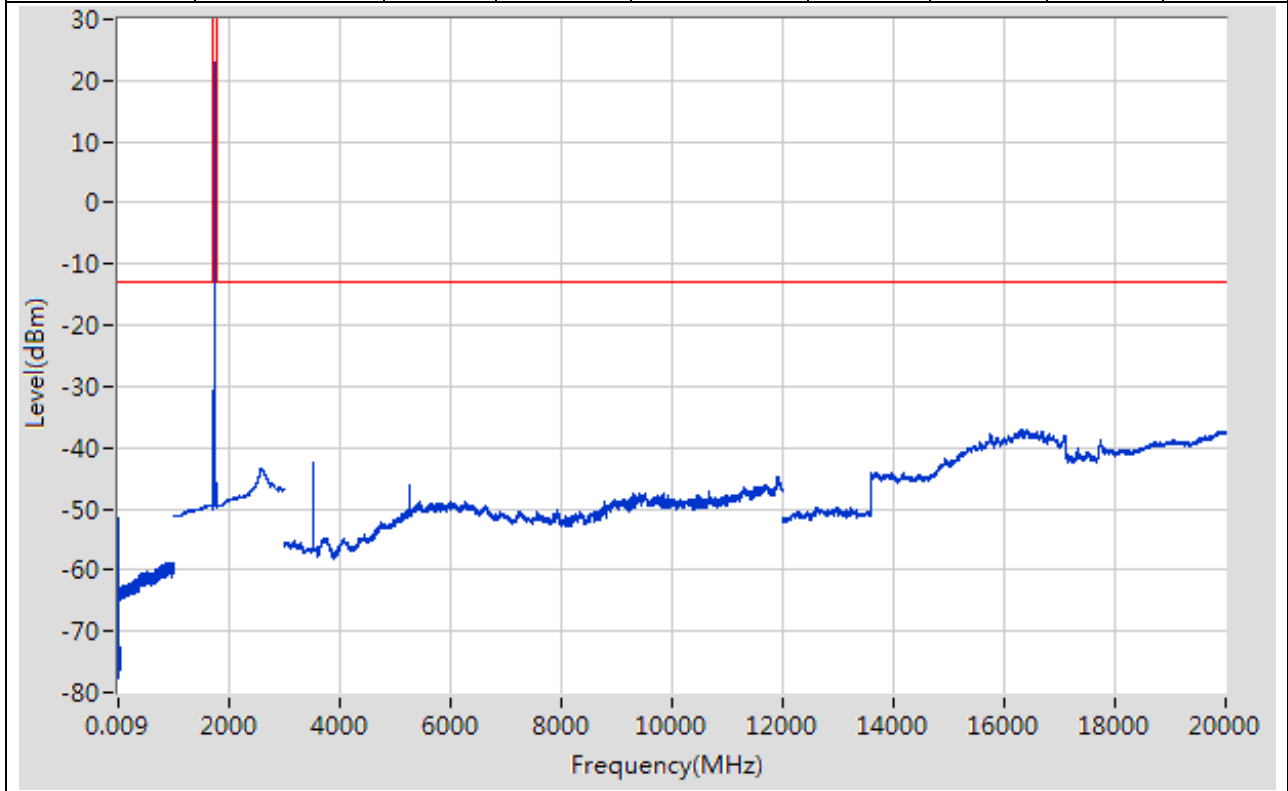
**1.69. LTE Transmitter Spurious Emissions(NTNV)(Subtest:69, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.76      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.72      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 883.588         | -58.81      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -45.8       | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1736.075        | 22.95       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 1772.006        | -32.51      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3472.052        | -43.86      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16320.54        | -37.08      | -13         | Pass    | 8000        |



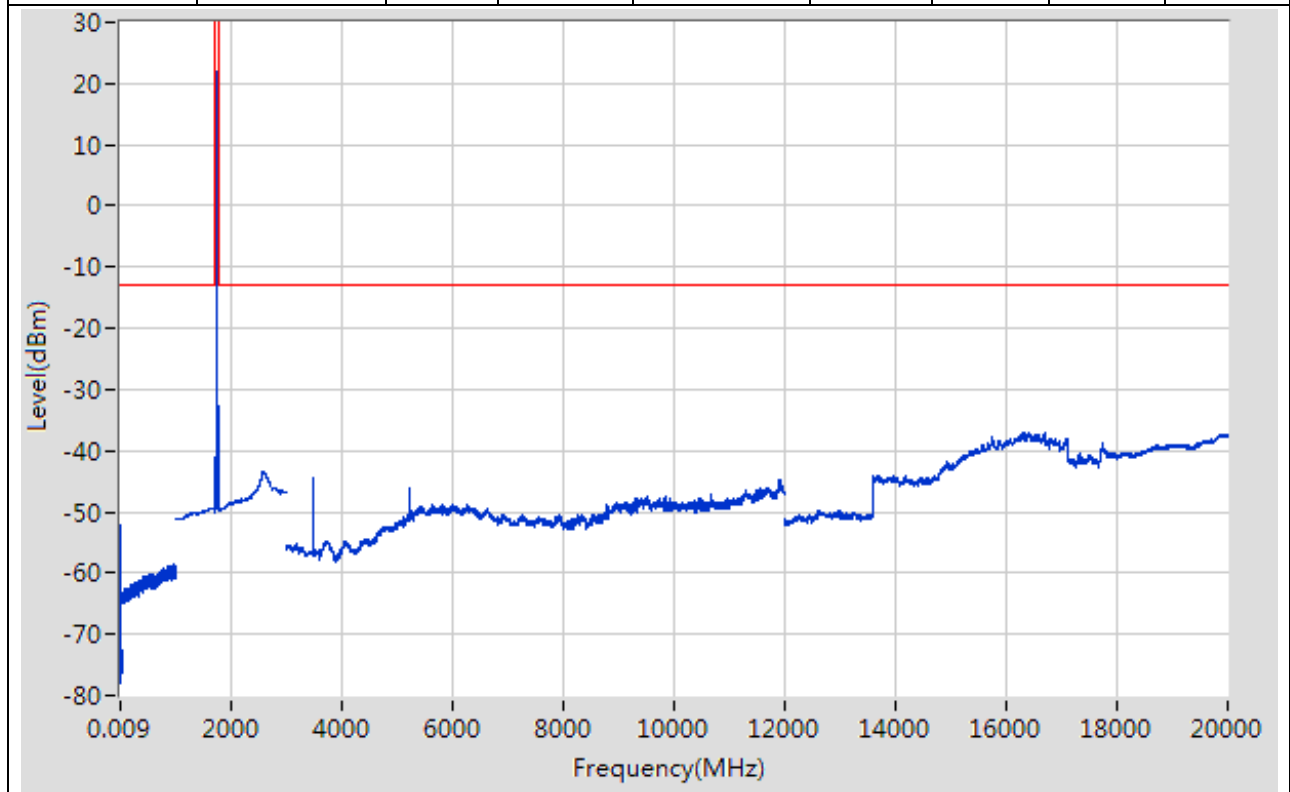
**1.70. LTE Transmitter Spurious Emissions(NTNV)(Subtest:70, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.18      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.57      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 917.491         | -58.72      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1681.974        | -49.36      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1753.95         | 22.87       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2569.652        | -43.56      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3508.056        | -42.33      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16311.539       | -37.14      | -13         | Pass    | 8000        |



**1.71. LTE Transmitter Spurious Emissions(NTNV)(Subtest:71, Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)**

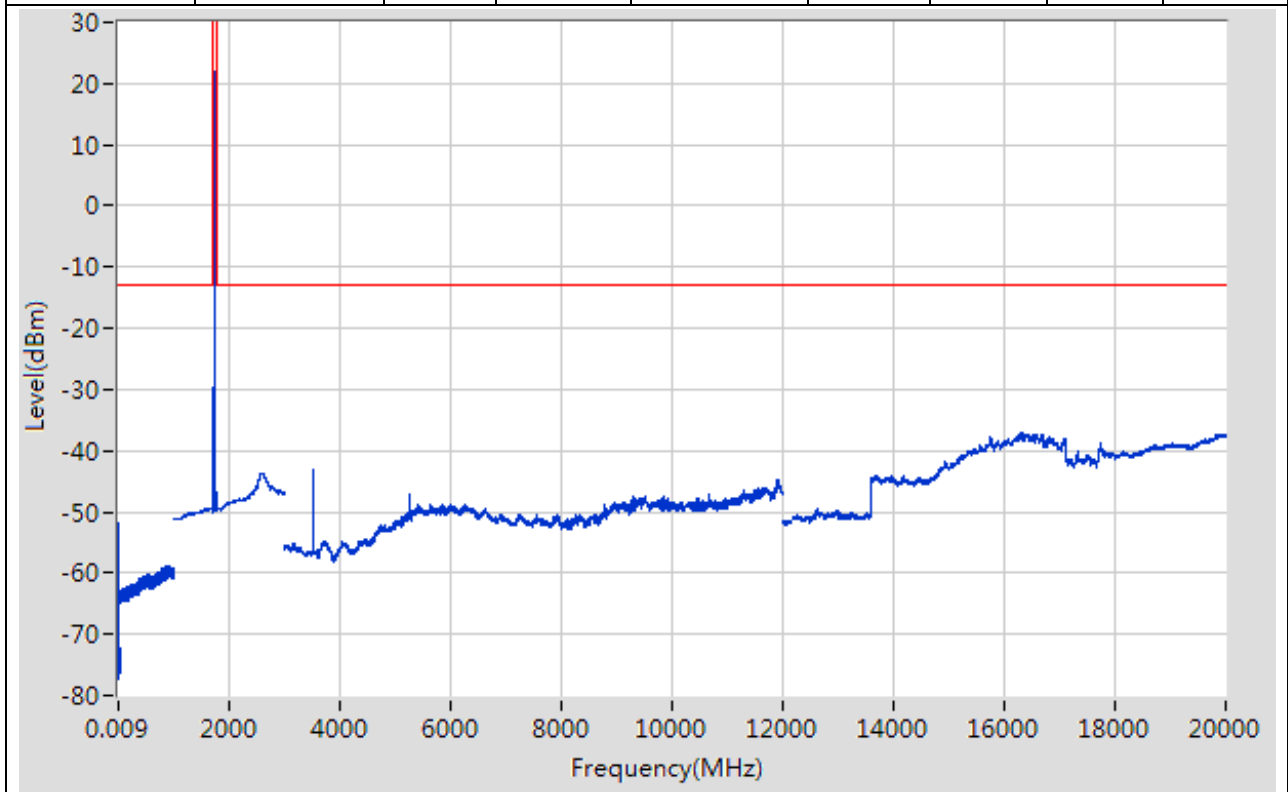
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.47      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.27      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 966.497         | -58.67      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -46.05      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1736.075        | 21.98       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 1772.006        | -32.85      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3472.052        | -44.47      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16318.54        | -37.16      | -13         | Pass    | 8000        |





### 1.72. LTE Transmitter Spurious Emissions(NTNV)(Subtest:72, Channel:20300, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.23      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.75      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 884.188         | -58.77      | -13         | Pass    | 9700        |
| 1000                  | 1700                 | 1         | RMS      | 1660.944        | -49.39      | -13         | Pass    | 700         |
| 1700                  | 1765                 | 1         | RMS      | 1753.95         | 21.87       | 60          | Pass    | 601         |
| 1765                  | 3000                 | 1         | RMS      | 2592.67         | -43.62      | -13         | Pass    | 1235        |
| 3000                  | 12000                | 1         | RMS      | 3508.056        | -43.06      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16316.54        | -37.19      | -13         | Pass    | 8000        |



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END