

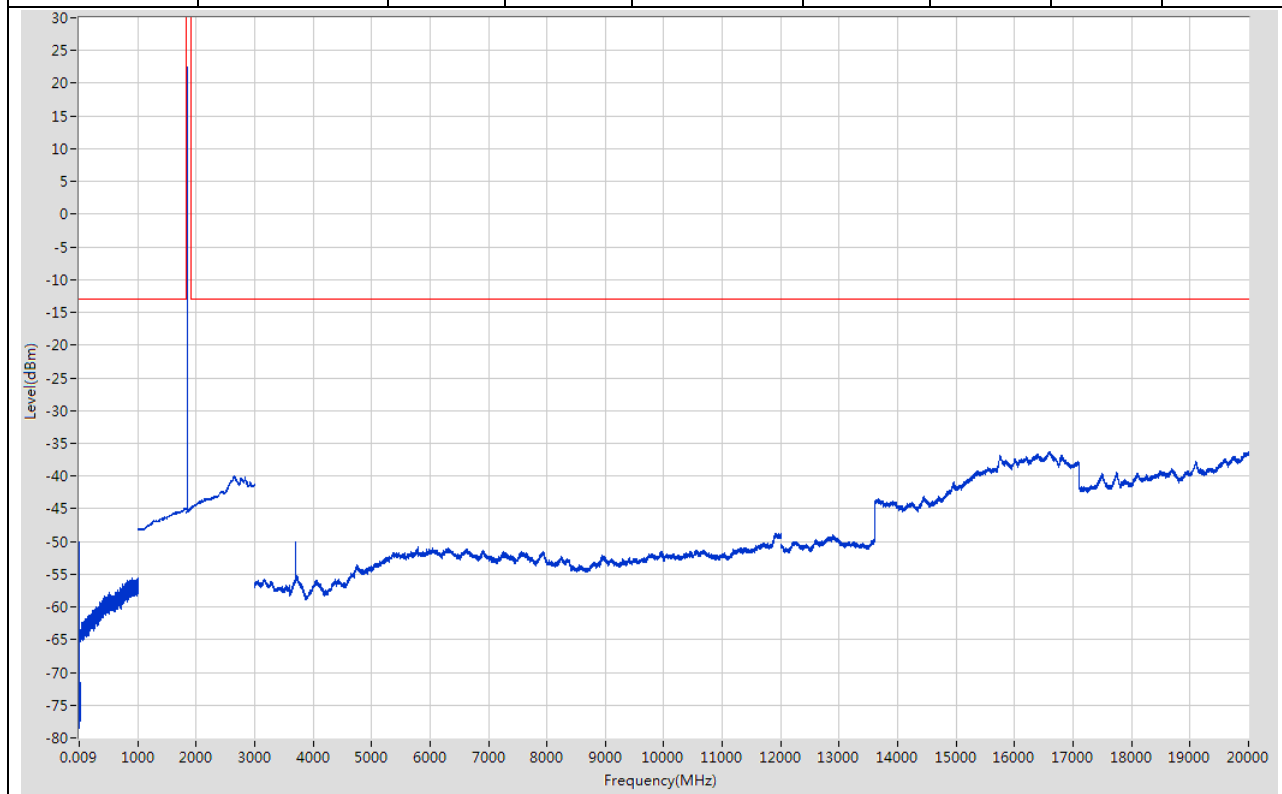
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## **Annex C. LTE Transmitter Spurious Emissions**

## 1. LTE\_Band2

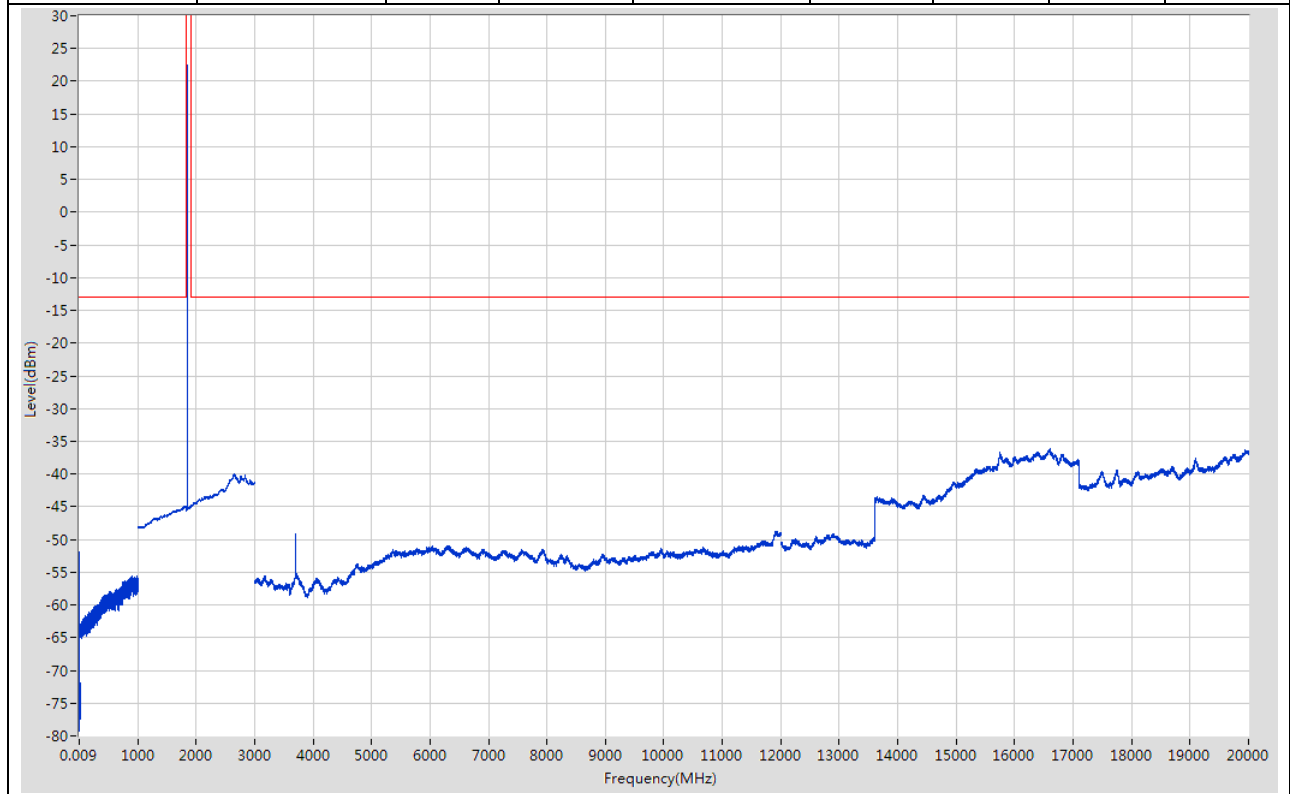
### 1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -53.65      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.98      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 901.49          | -55.53      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 22.55       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -39.96      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11917.991       | -48.7       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16591.574       | -36.23      | -13         | Pass    | 8000        |



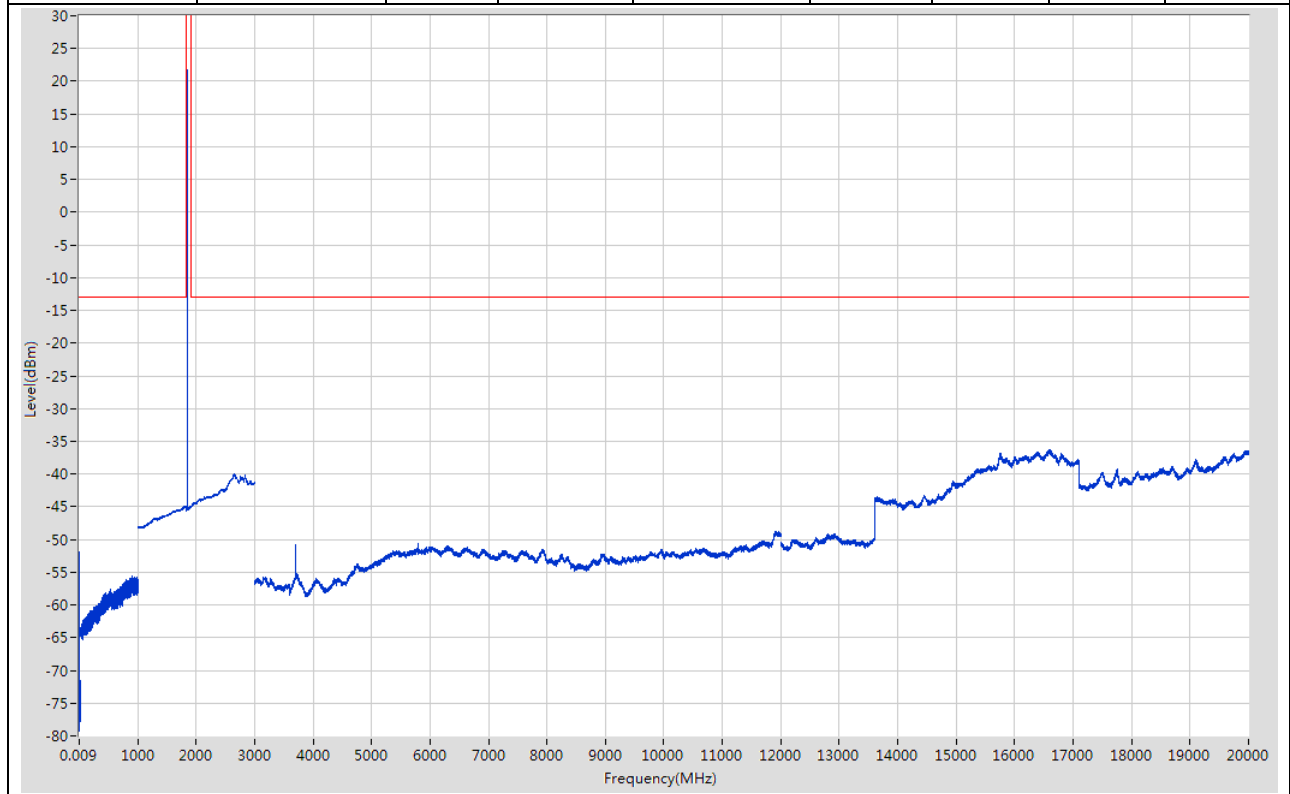
## 1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -52.57      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 978.398         | -55.6       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1815.983        | -44.91      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 22.55       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2661.687        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11932.993       | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16602.575       | -36.17      | -13         | Pass    | 8000        |



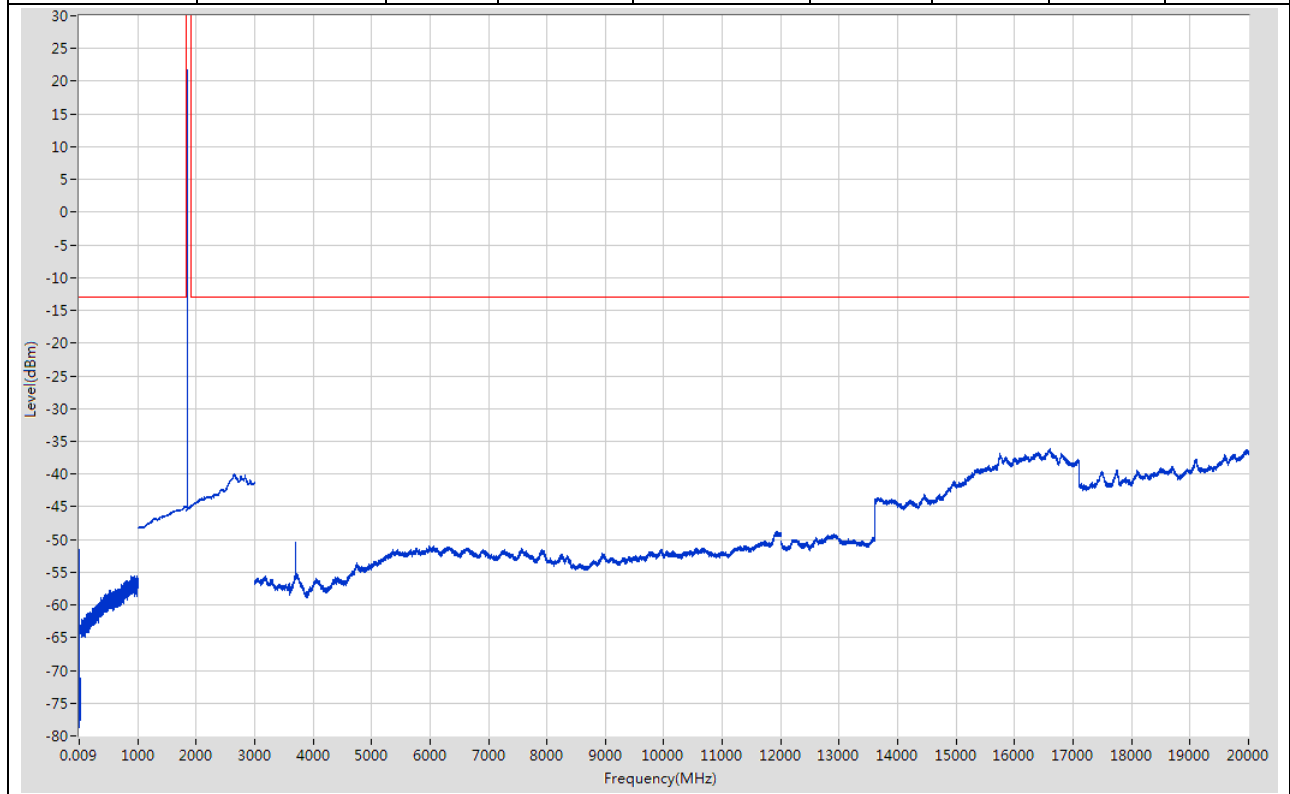
### 1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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            | -52.73      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.95      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 901.69          | -55.58      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1828.999        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 21.65       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.21      | -13         | Pass    | 8000        |



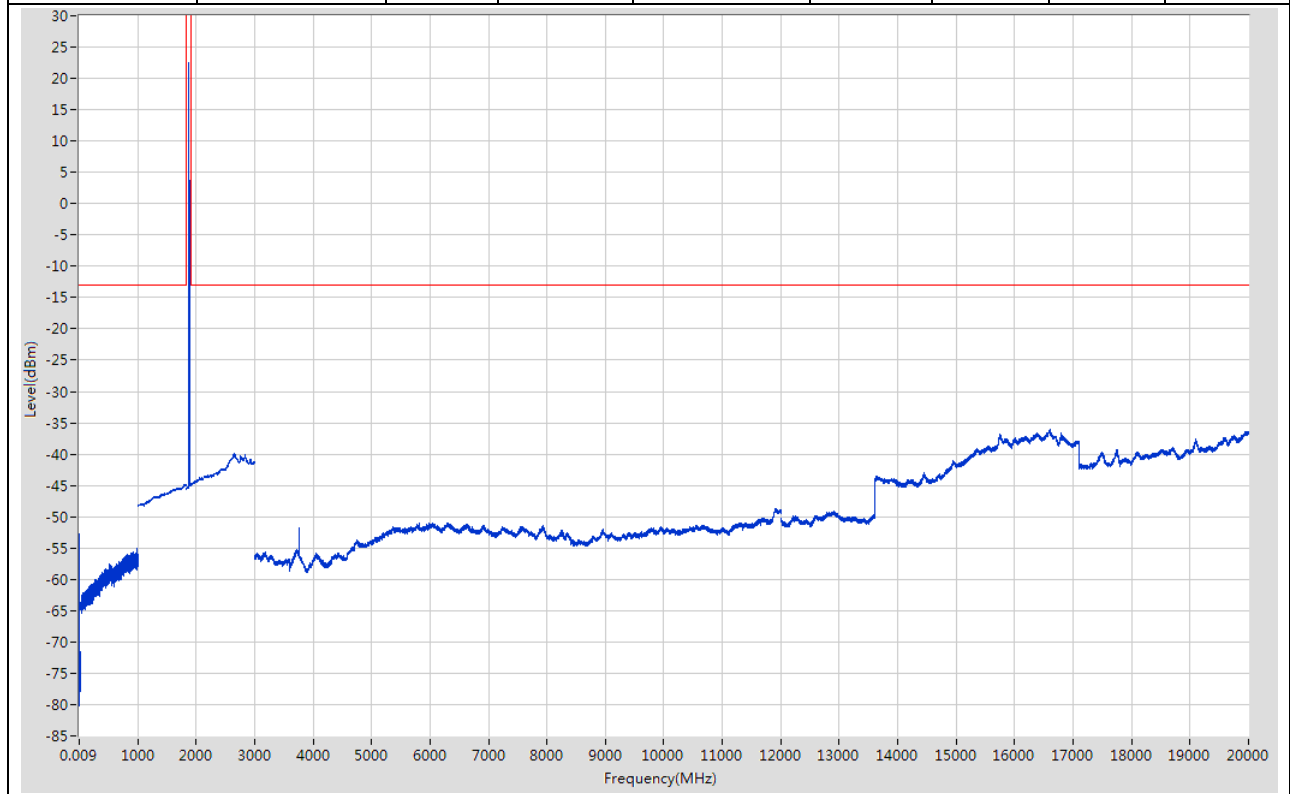
#### 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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            | -51.53      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 942.294         | -55.54      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1791.954        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 21.68       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11918.991       | -48.84      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16604.576       | -36.07      | -13         | Pass    | 8000        |



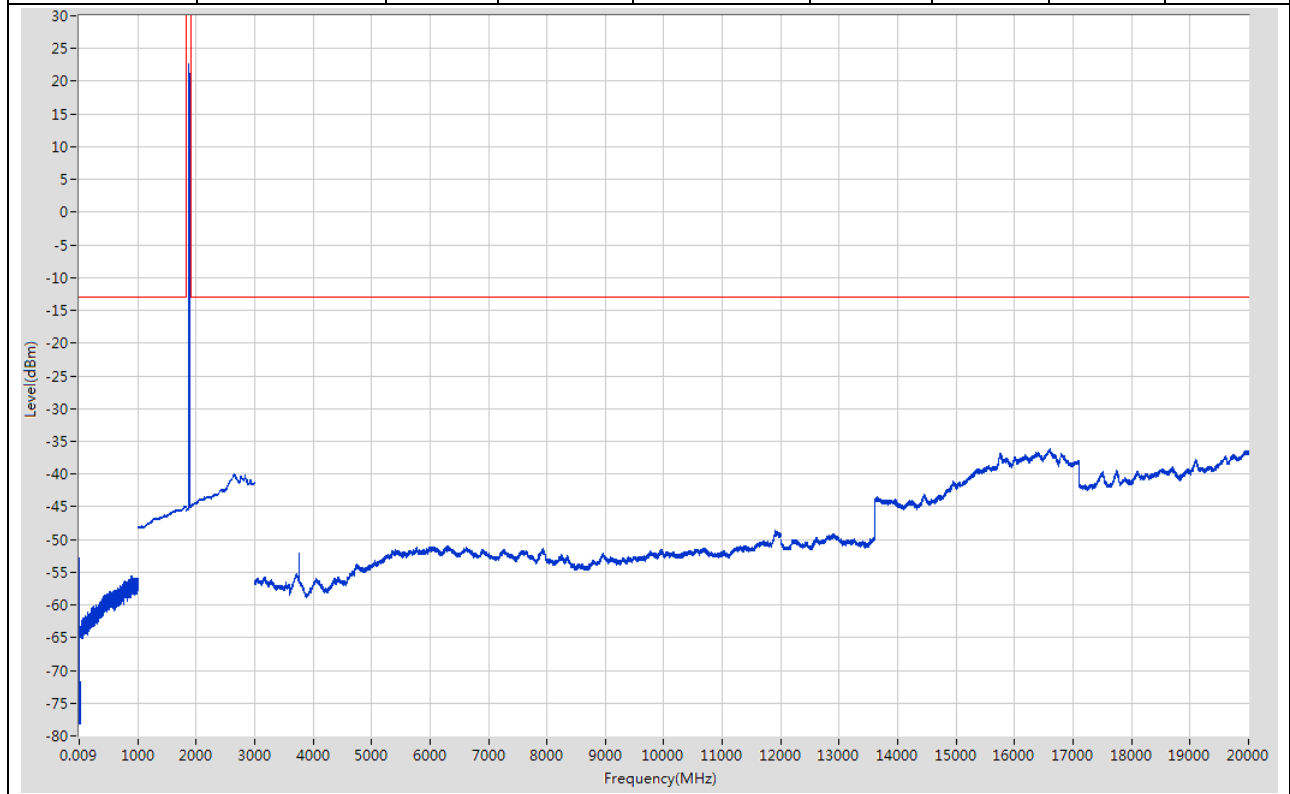
### 1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -53.05      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.78      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 995.4           | -55.01      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1879.5          | 22.6        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.96      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -48.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16599.575       | -35.96      | -13         | Pass    | 8000        |



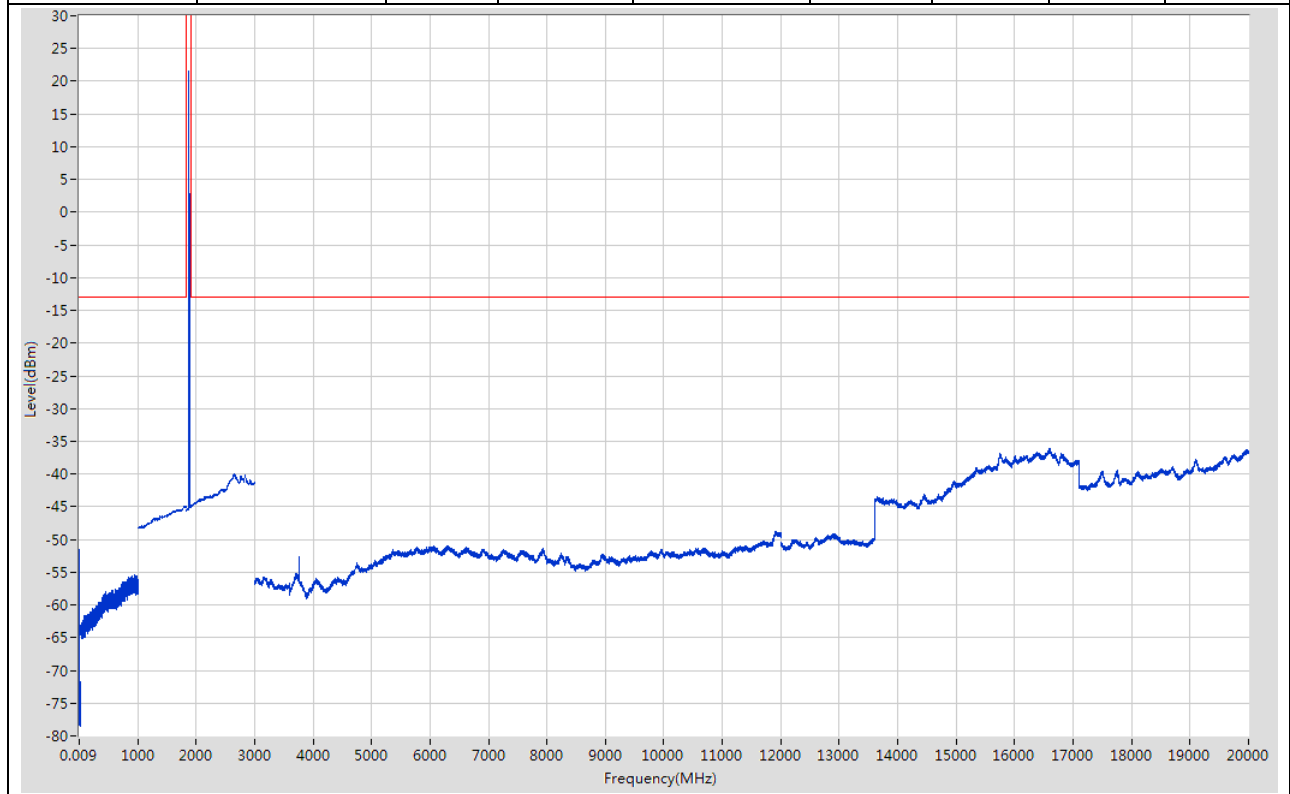
### 1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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      | 0.01            | -53.34      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.73      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 886.988         | -55.54      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1789.952        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1880.4          | 22.58       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.94      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11905.99        | -48.64      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16599.575       | -36.18      | -13         | Pass    | 8000        |



### 1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

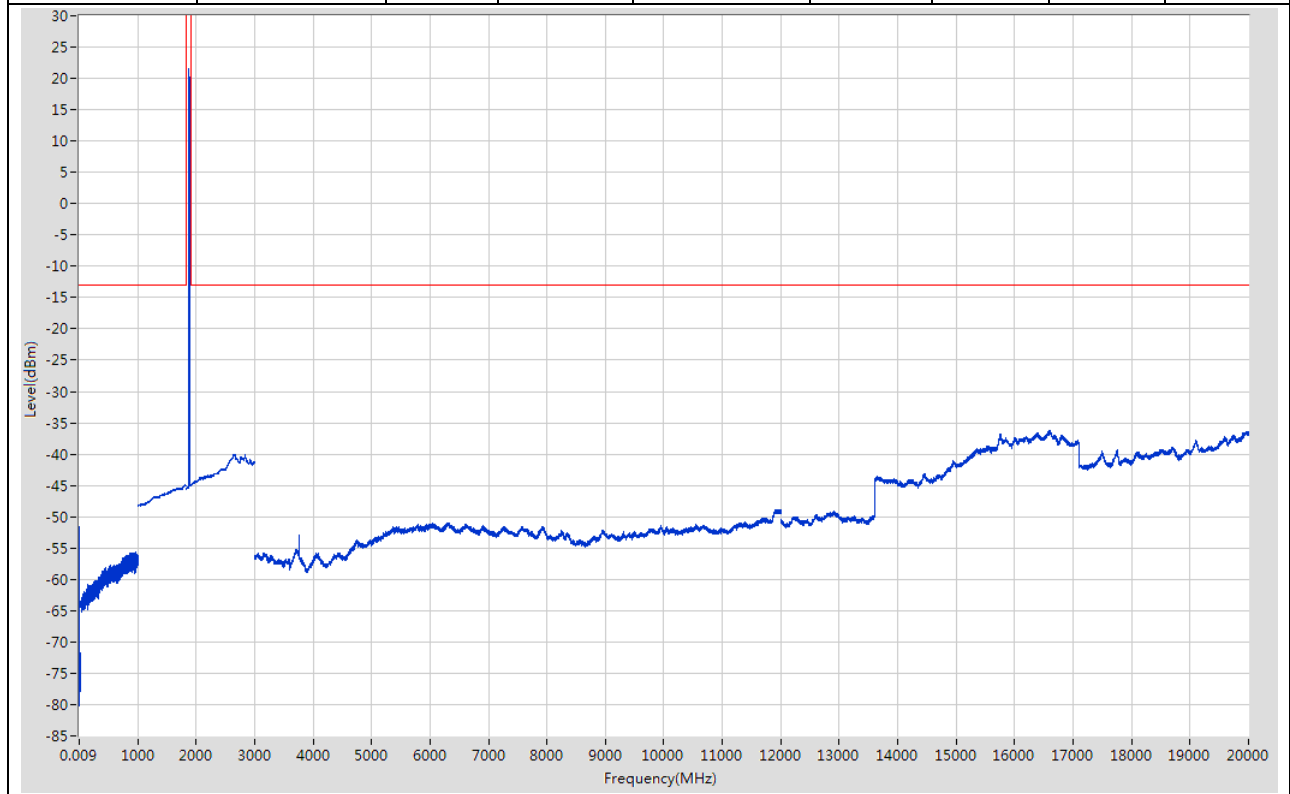
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -54.41      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.61      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 939.294         | -55.37      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.85      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1879.5          | 21.62       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11904.989       | -48.78      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16601.575       | -36.04      | -13         | Pass    | 8000        |





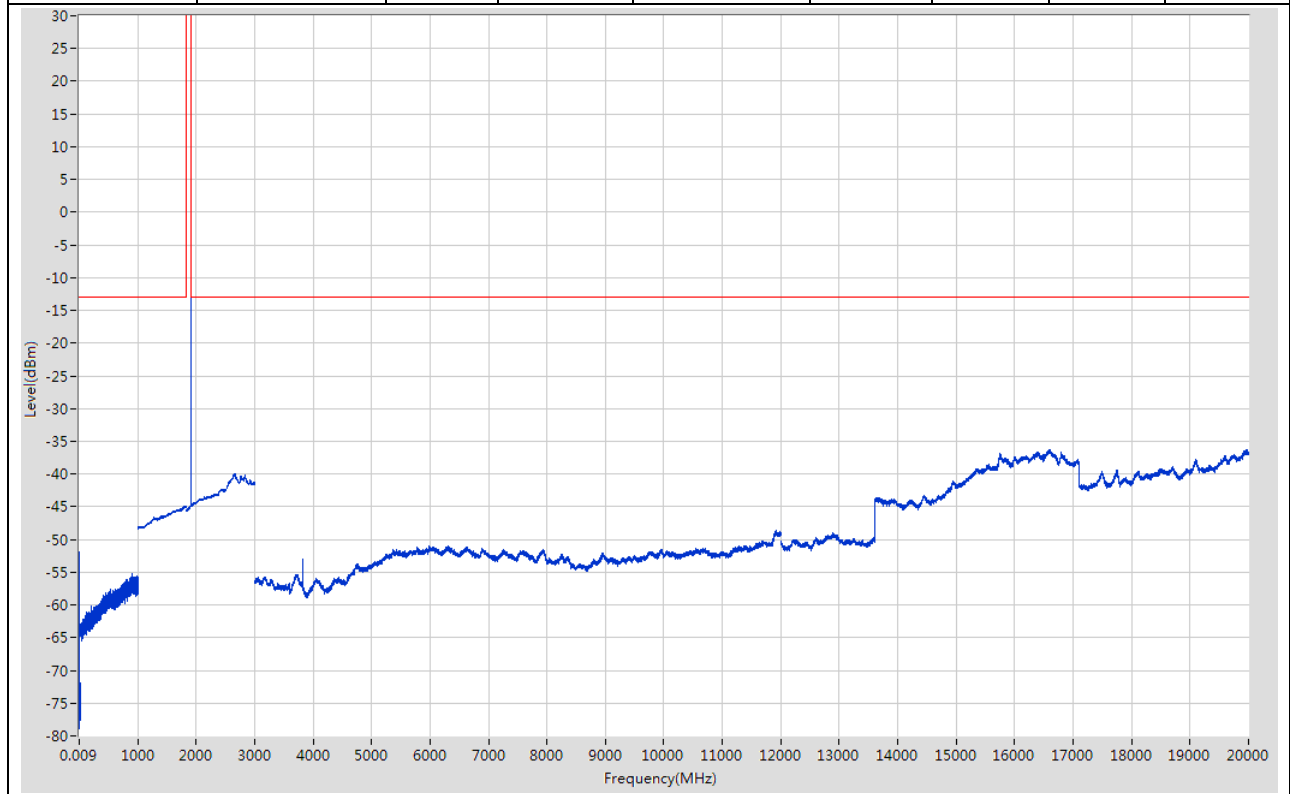
### 1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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           | -52.37      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.52      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 972.497         | -55.63      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1804.97         | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1880.4          | 21.6        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11941.994       | -48.84      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.16      | -13         | Pass    | 8000        |



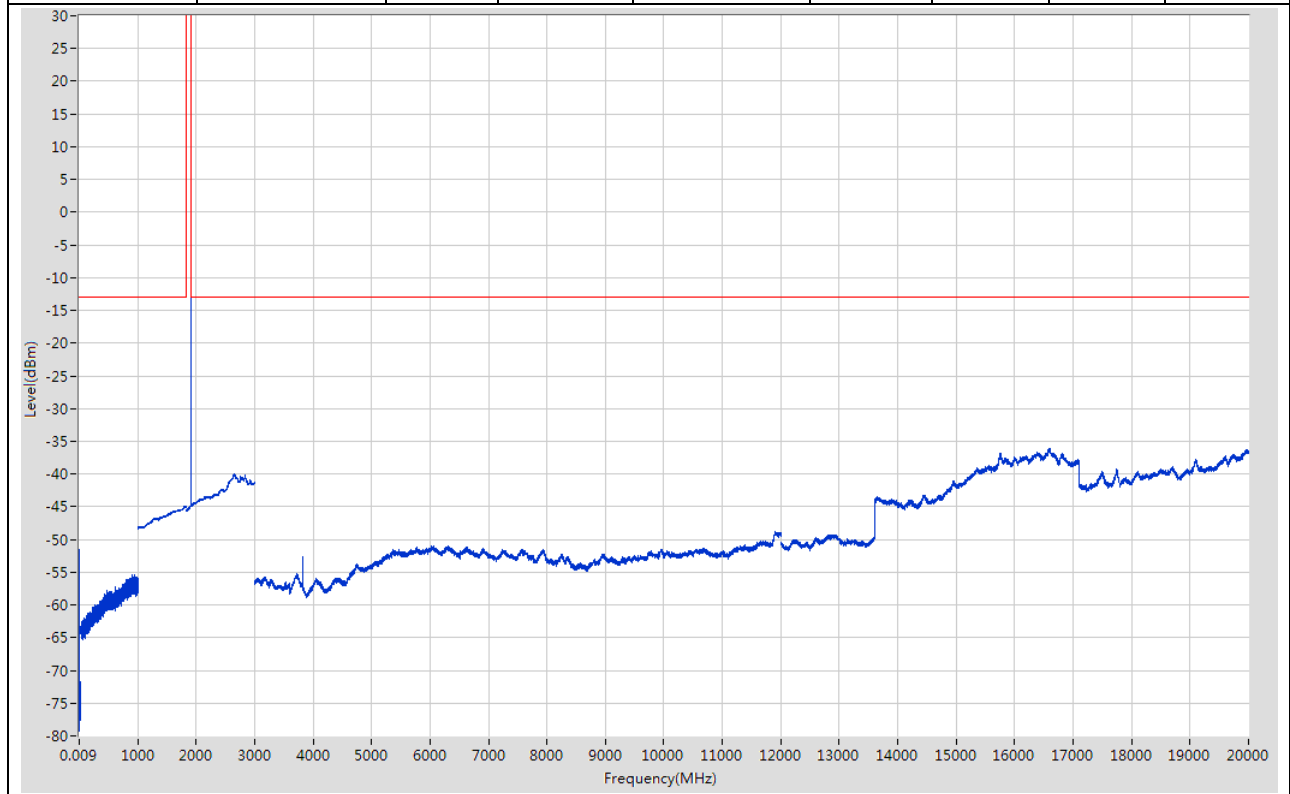
### 1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -52.04      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.93      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 899.19          | -55.23      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.9       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 22.54       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.97      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11928.992       | -48.62      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16590.574       | -36.27      | -13         | Pass    | 8000        |



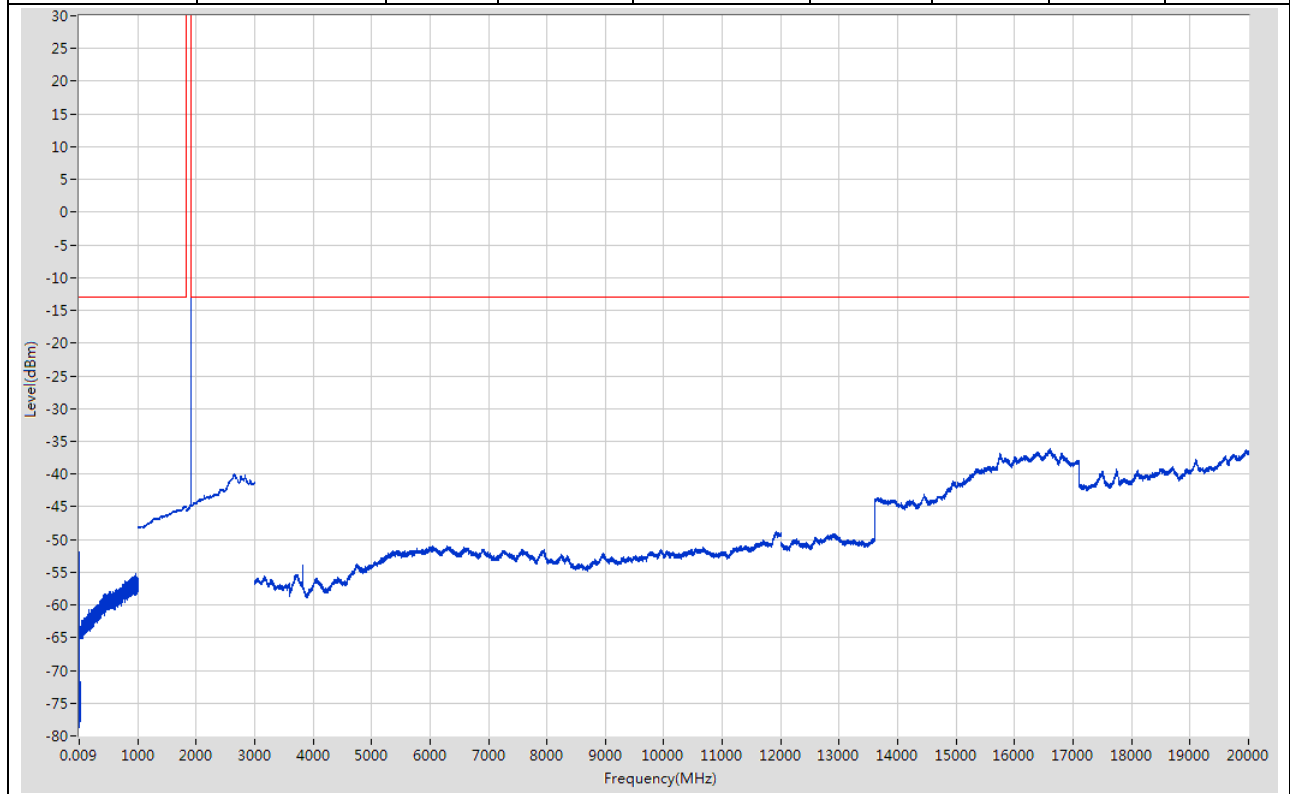
### 1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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      | 0.01            | -53.3       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.56      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 954.995         | -55.32      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 22.53       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2661.687        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11899.989       | -48.84      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16595.574       | -36.18      | -13         | Pass    | 8000        |



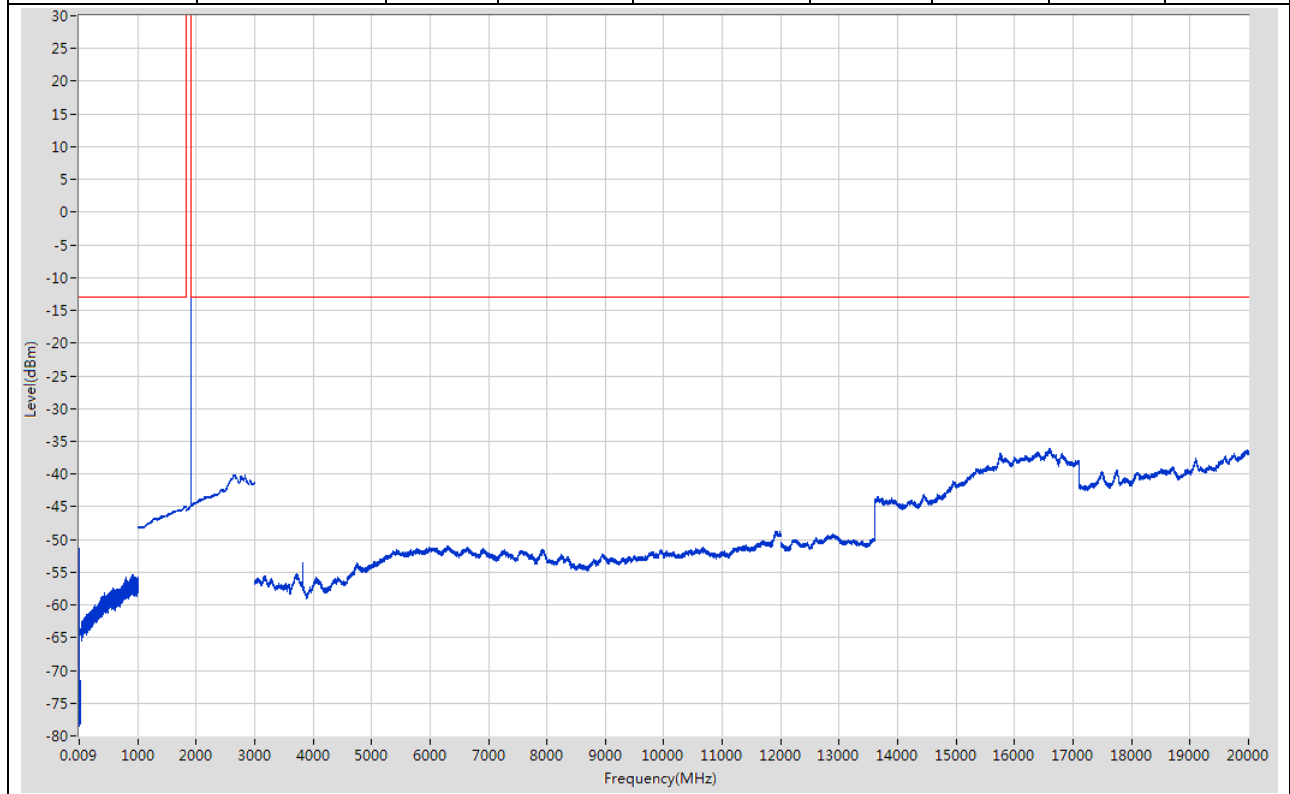
### 1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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           | -52.09      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 968.597         | -55.2       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 21.59       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -48.72      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.16      | -13         | Pass    | 8000        |



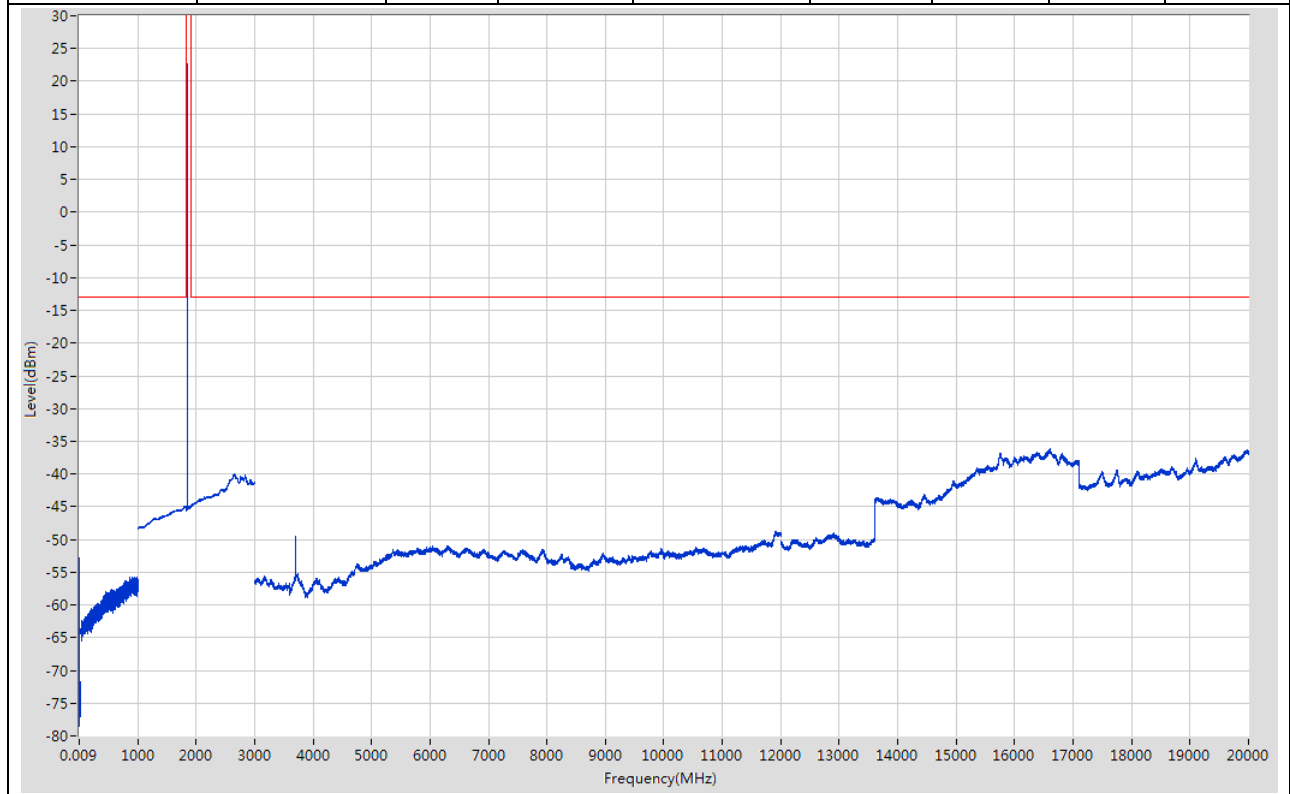
### 1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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         | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.4       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 914.591         | -55.45      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 21.57       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.07      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11937.993       | -48.75      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16594.574       | -36.16      | -13         | Pass    | 8000        |



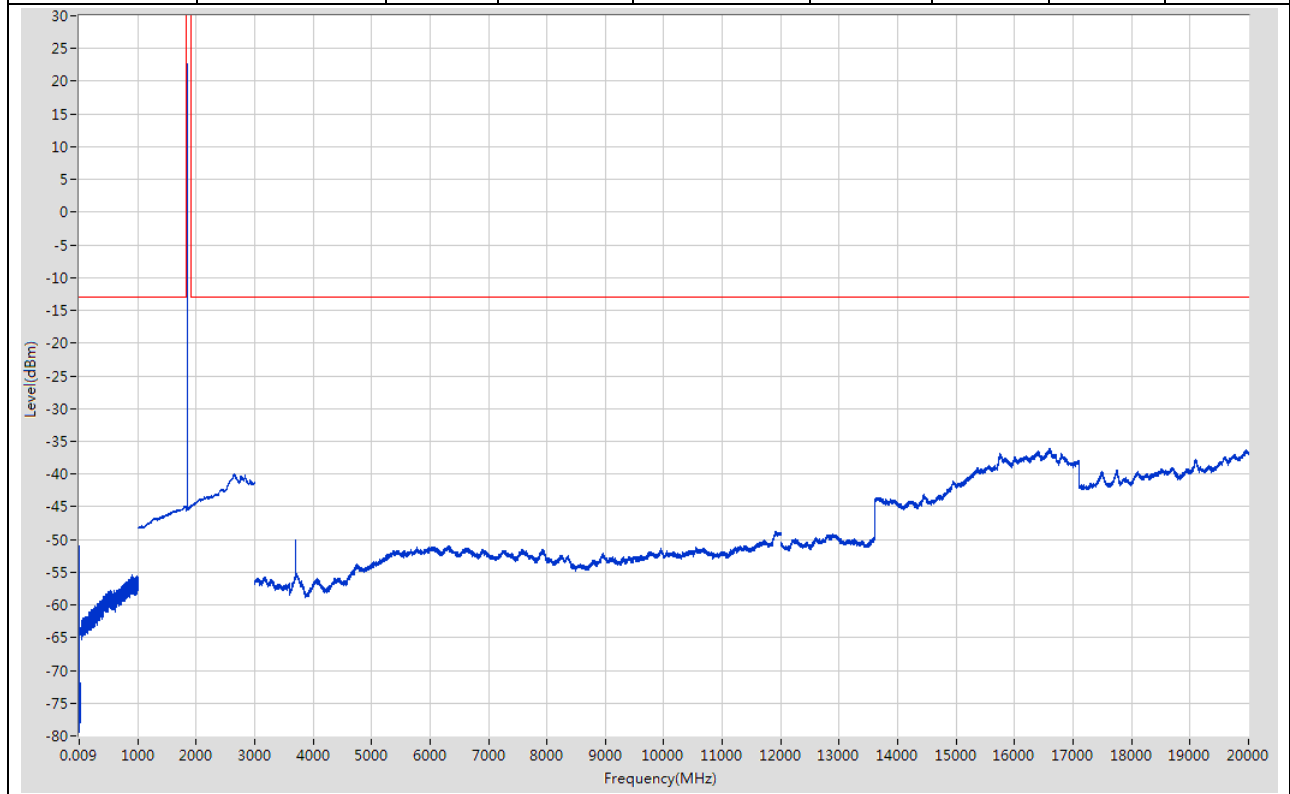
### 1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -54.23      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.77      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 872.887         | -55.73      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1805.971        | -44.84      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 22.62       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.05      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -48.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16598.575       | -36.07      | -13         | Pass    | 8000        |



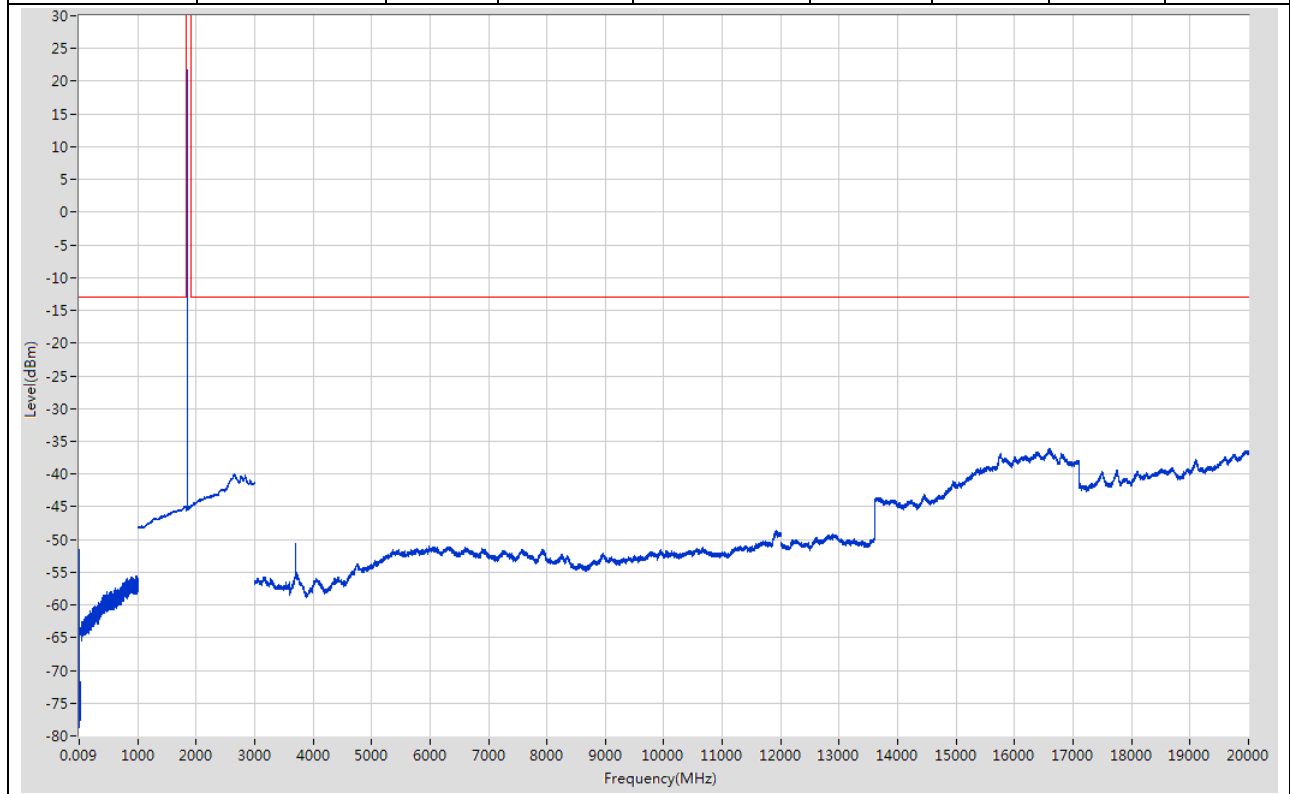
#### 1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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            | -53.7       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.05      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.39          | -55.33      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1814.982        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1852.8          | 22.57       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.99      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11910.99        | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16594.574       | -36.14      | -13         | Pass    | 8000        |



### 1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

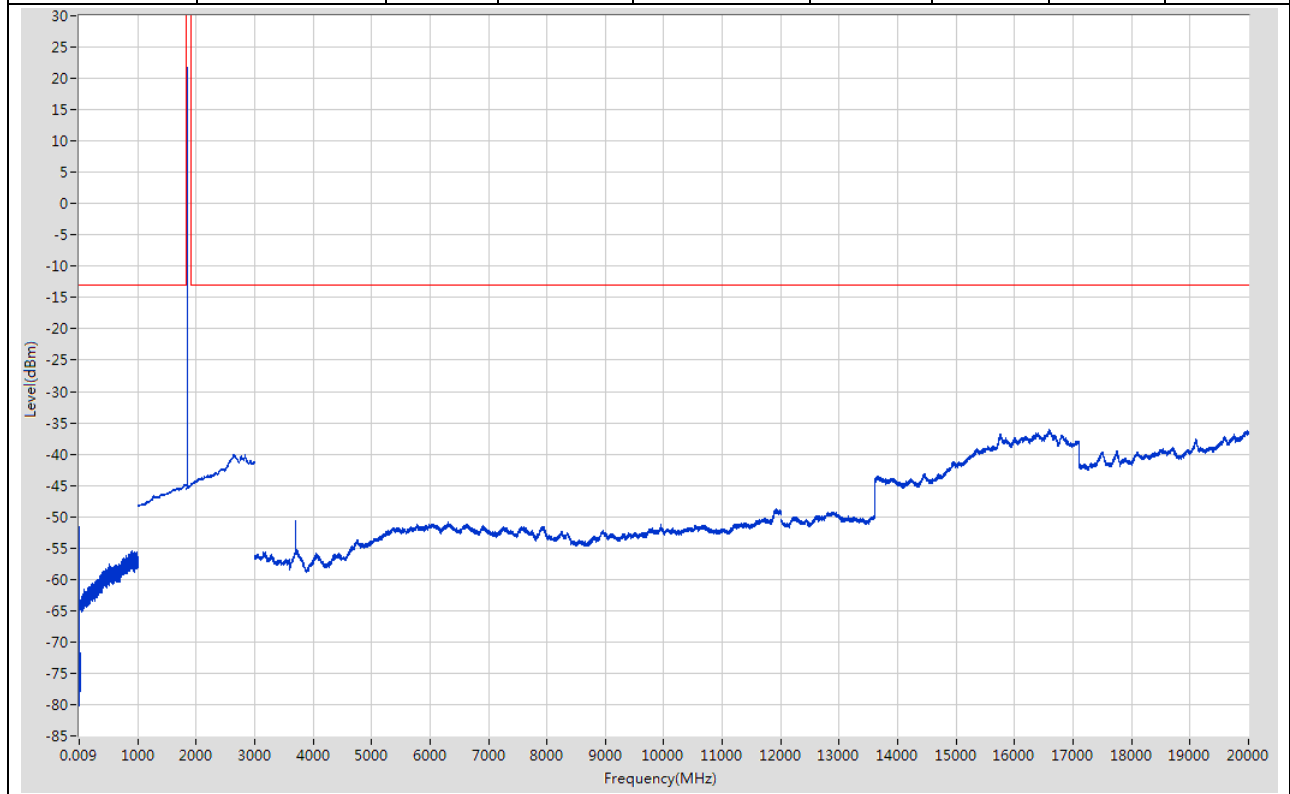
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.99      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.59      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 958.196         | -55.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1824.994        | -44.9       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 21.82       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -39.99      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11921.991       | -48.55      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16591.574       | -36.11      | -13         | Pass    | 8000        |





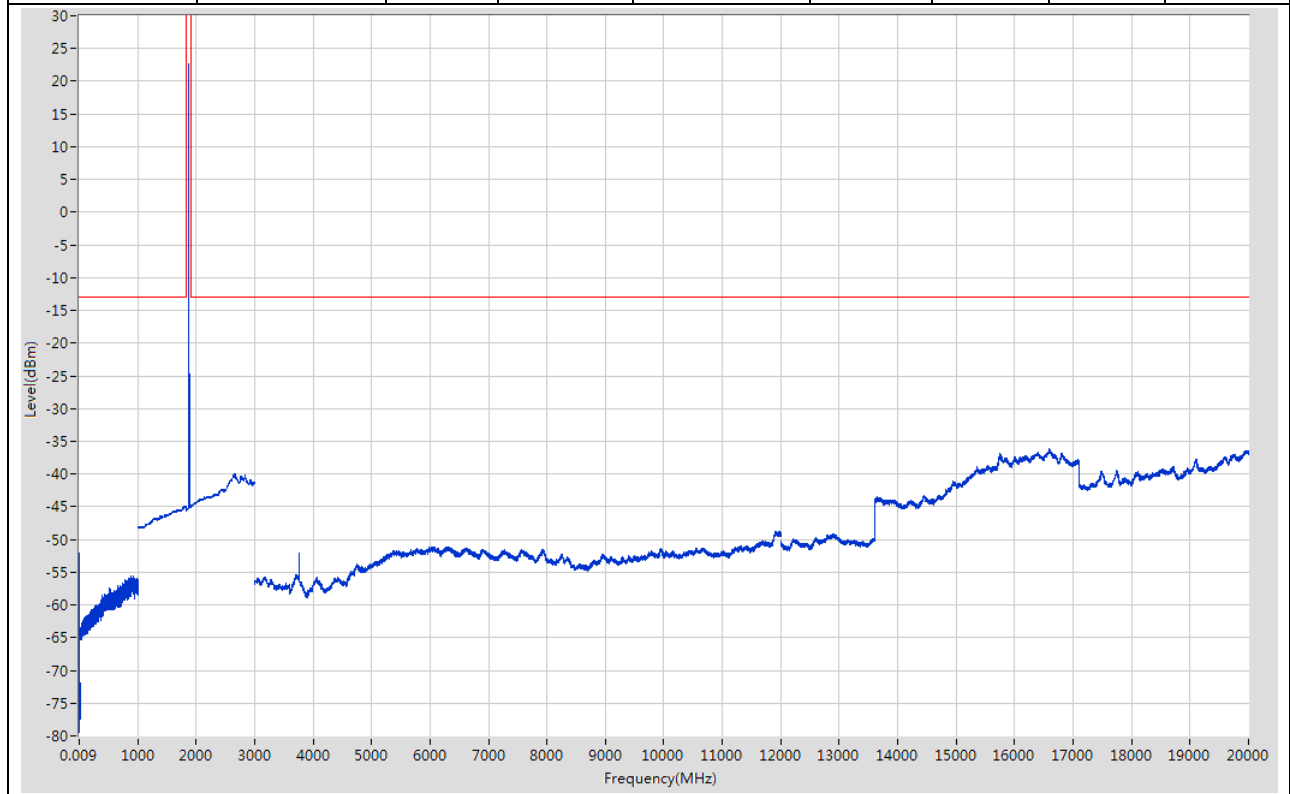
### 1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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           | -52.85      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.61      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 900.59          | -55.48      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1818.987        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1852.8          | 21.79       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11921.991       | -48.71      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16597.575       | -35.98      | -13         | Pass    | 8000        |



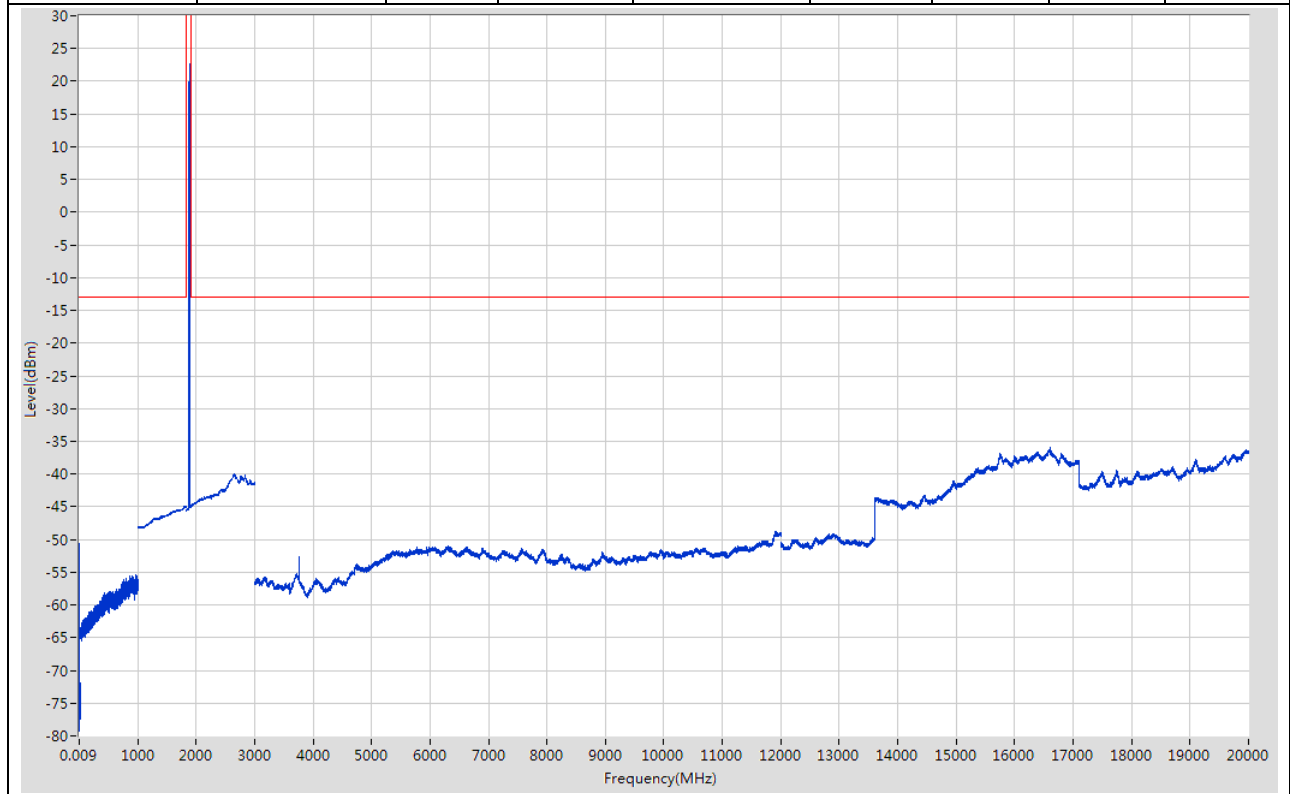
### 1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -52.93      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.09      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 881.288         | -55.6       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1878.75         | 22.72       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11989.999       | -48.81      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16597.575       | -36.05      | -13         | Pass    | 8000        |



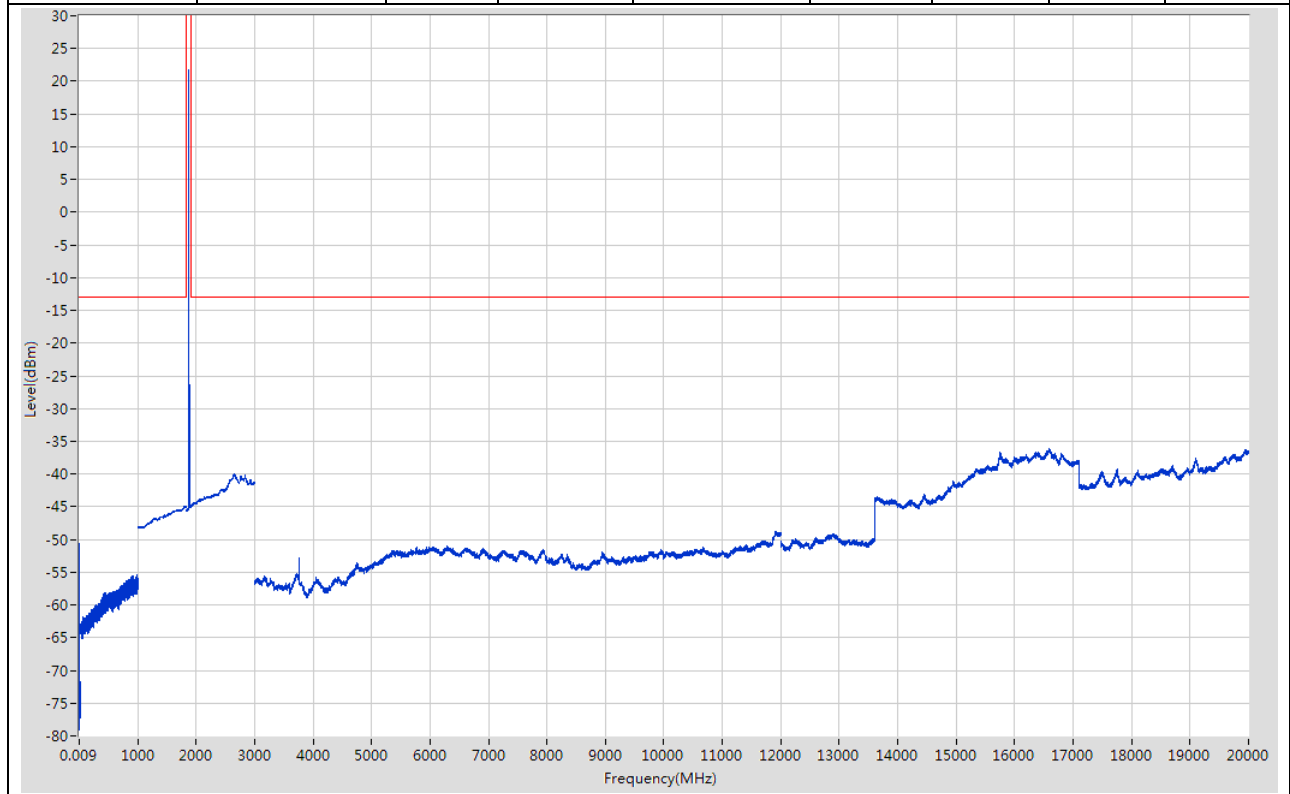
### 1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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      | 0.013           | -53.7       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -50.7       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 968.797         | -55.43      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1823.993        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1881.3          | 22.7        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40         | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -48.74      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16601.575       | -36.02      | -13         | Pass    | 8000        |



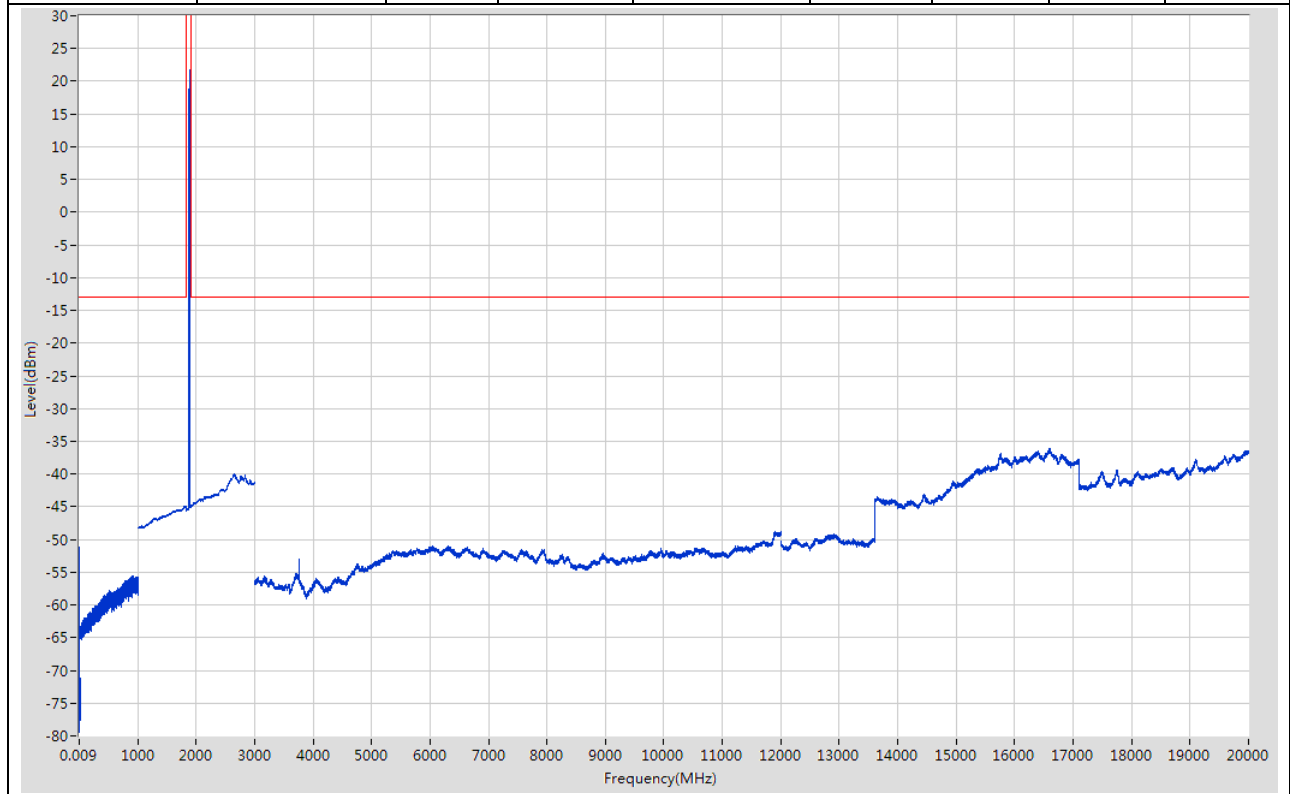
### 1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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           | -52.73      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.63      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 987.899         | -55.43      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1795.959        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1878.75         | 21.75       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11906.99        | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16593.574       | -36.18      | -13         | Pass    | 8000        |



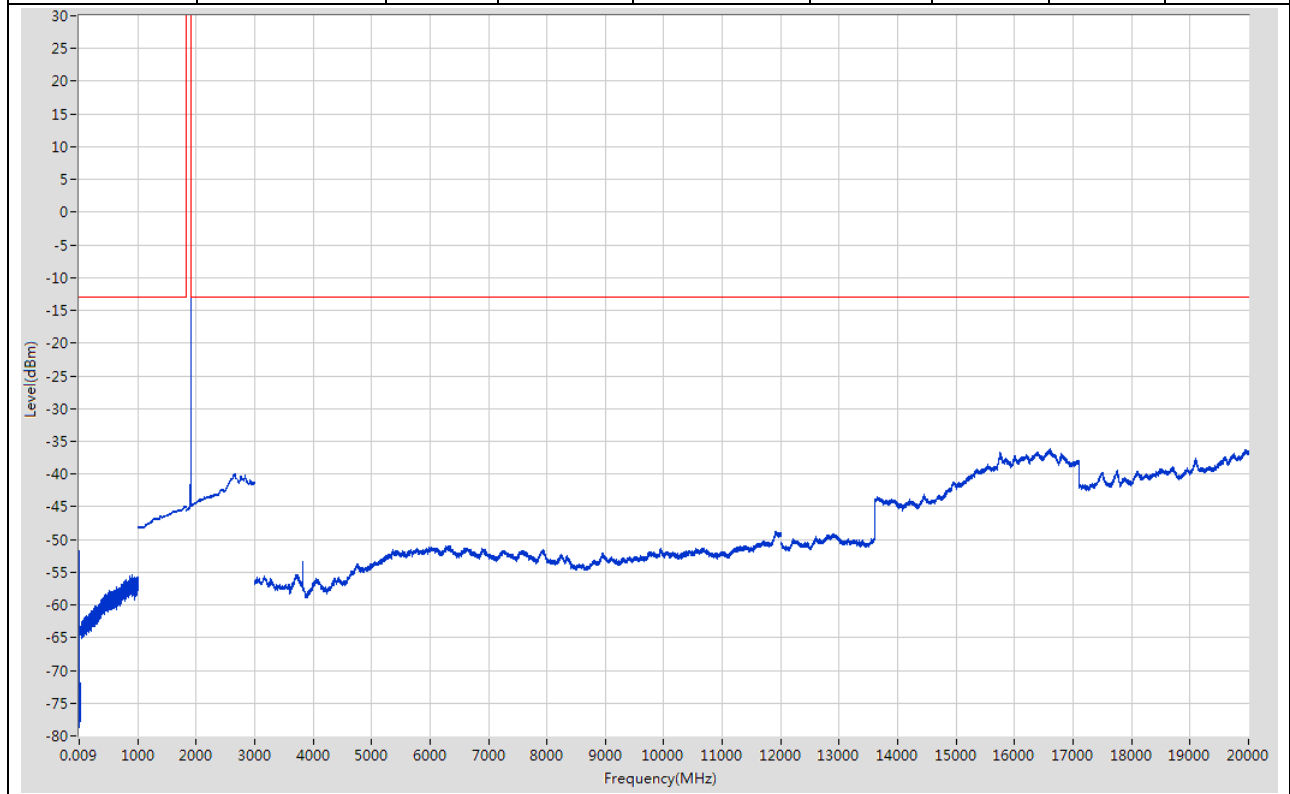
### 1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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           | -52.75      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.24      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 903.39          | -55.61      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -44.91      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1881.3          | 21.73       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -48.77      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16599.575       | -36.03      | -13         | Pass    | 8000        |



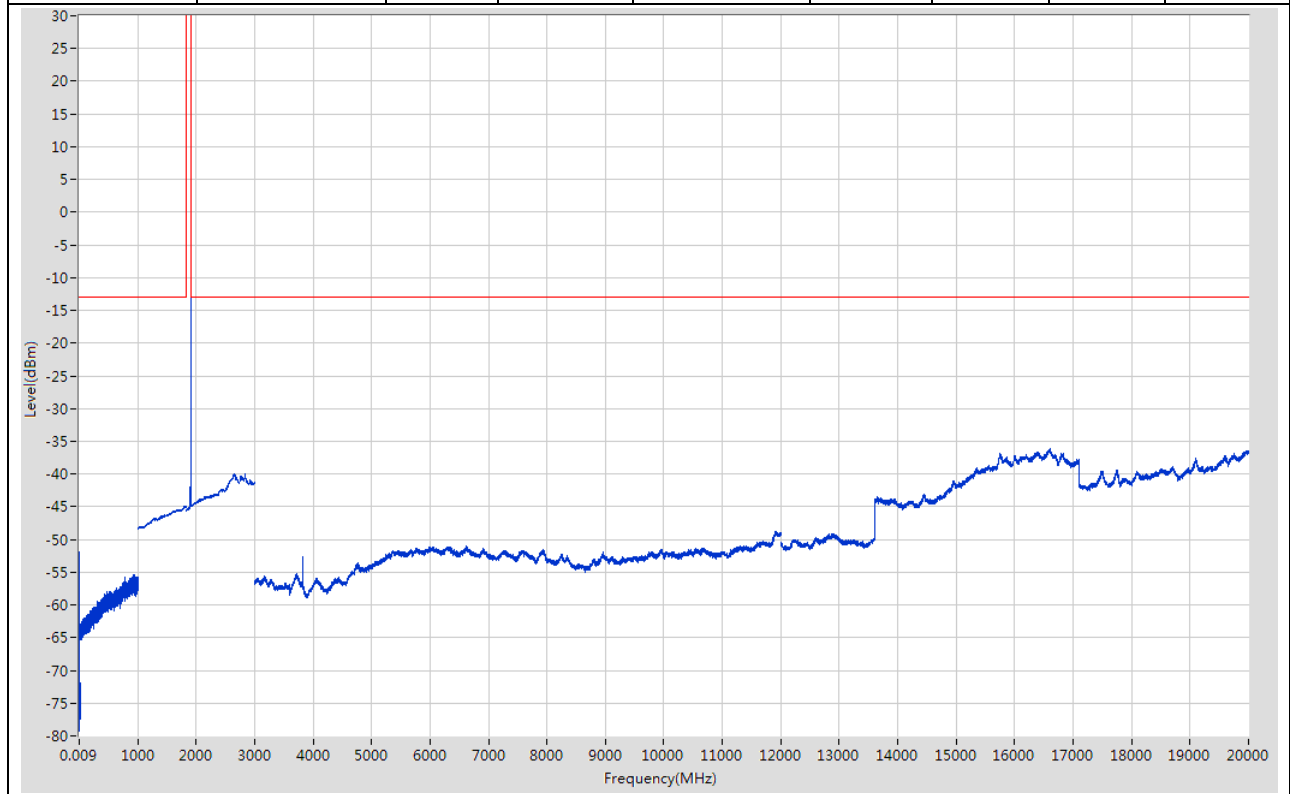
### 1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -52.76      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.64      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.689         | -55.39      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1794.958        | -44.91      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1907.25         | 22.67       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2662.688        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11931.992       | -48.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16605.576       | -36.08      | -13         | Pass    | 8000        |



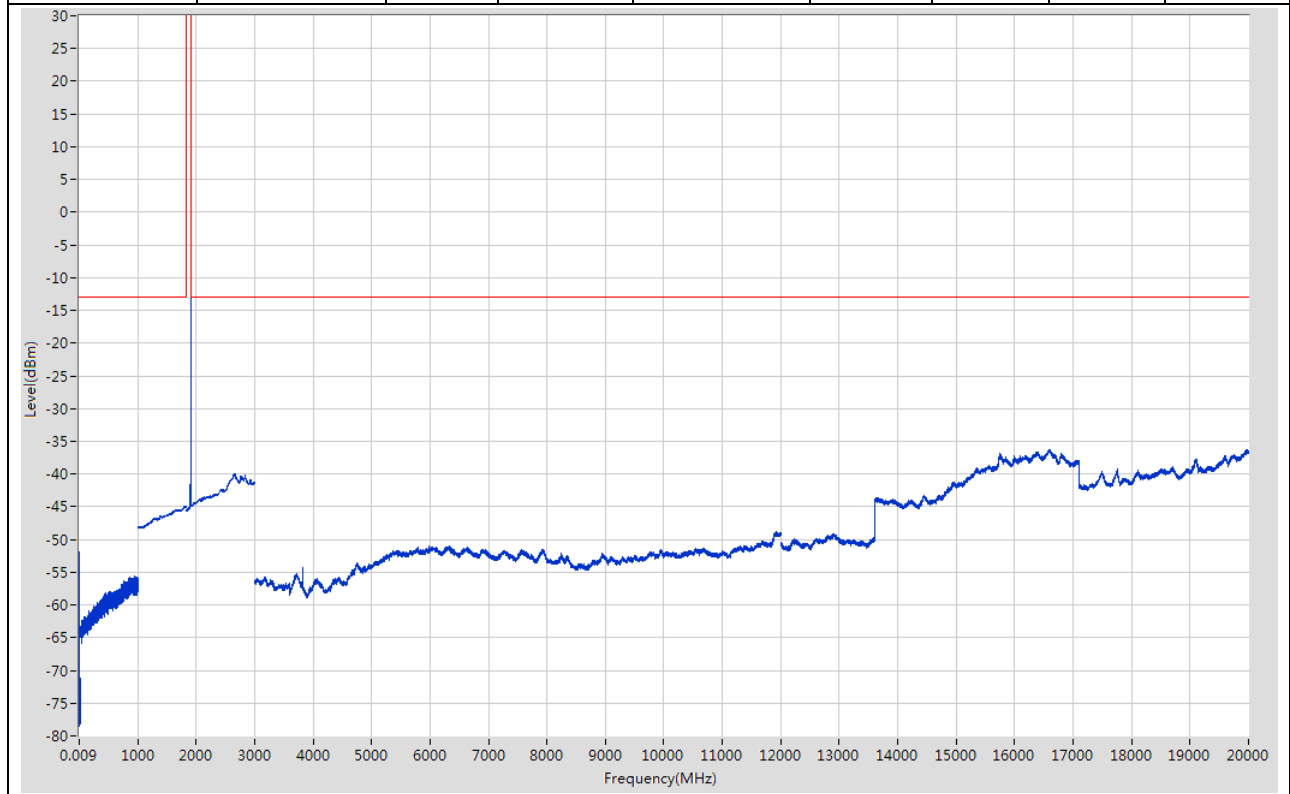
## 1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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      | 0.012           | -52.15      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.89      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 919.092         | -55.38      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1789.952        | -44.85      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 22.66       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -48.75      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16608.576       | -36.15      | -13         | Pass    | 8000        |



### 1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

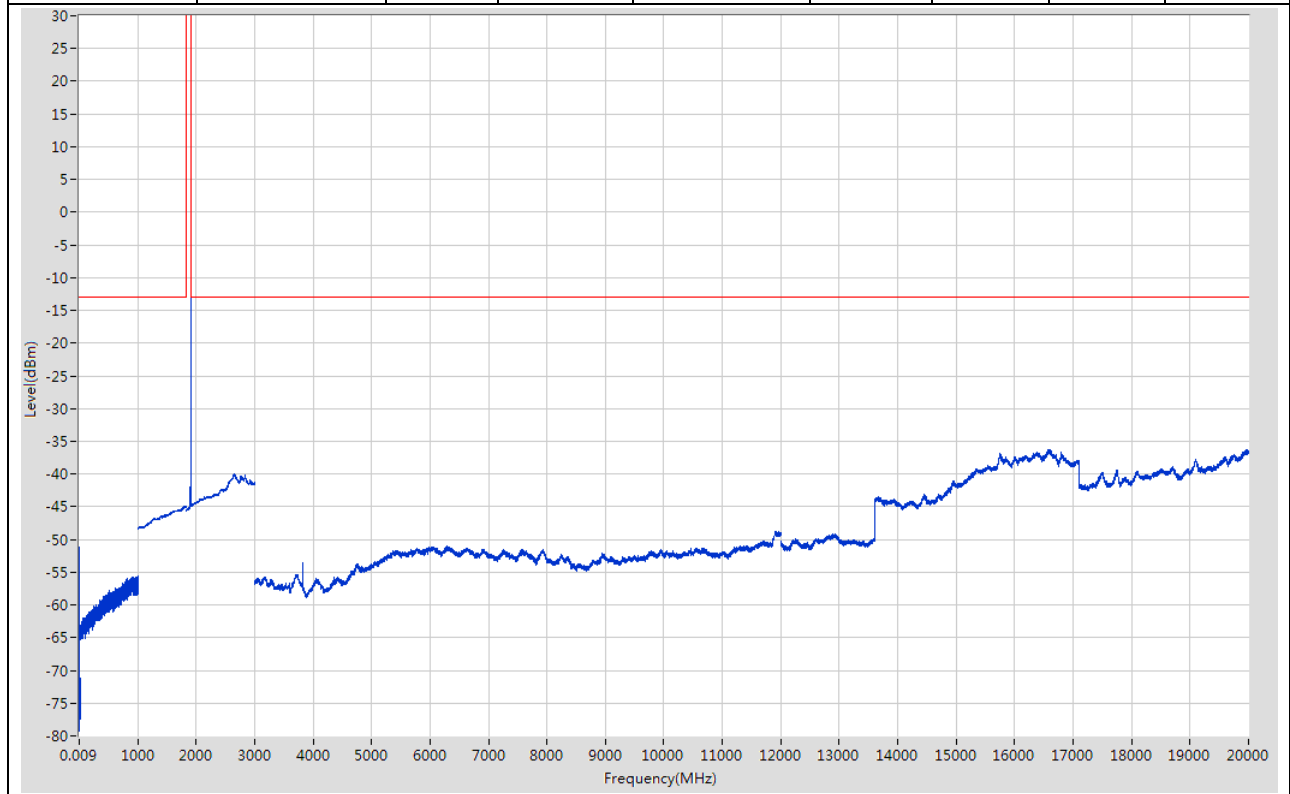
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -52.65      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.9       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 944.094         | -55.56      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1907.25         | 21.74       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11917.991       | -48.83      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.24      | -13         | Pass    | 8000        |





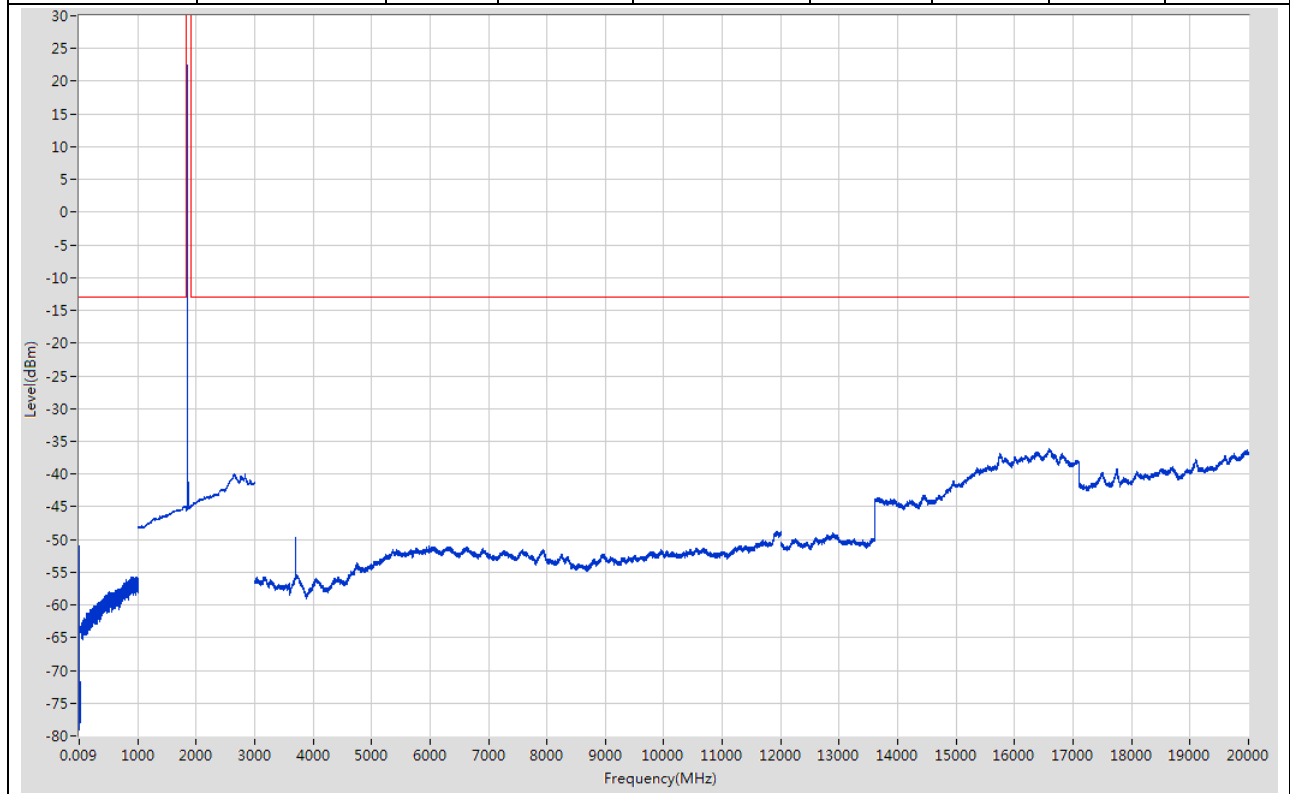
### 1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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            | -53.21      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.2       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998.7           | -55.67      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1819.988        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 21.67       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.06      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11921.991       | -48.78      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16597.575       | -36.26      | -13         | Pass    | 8000        |



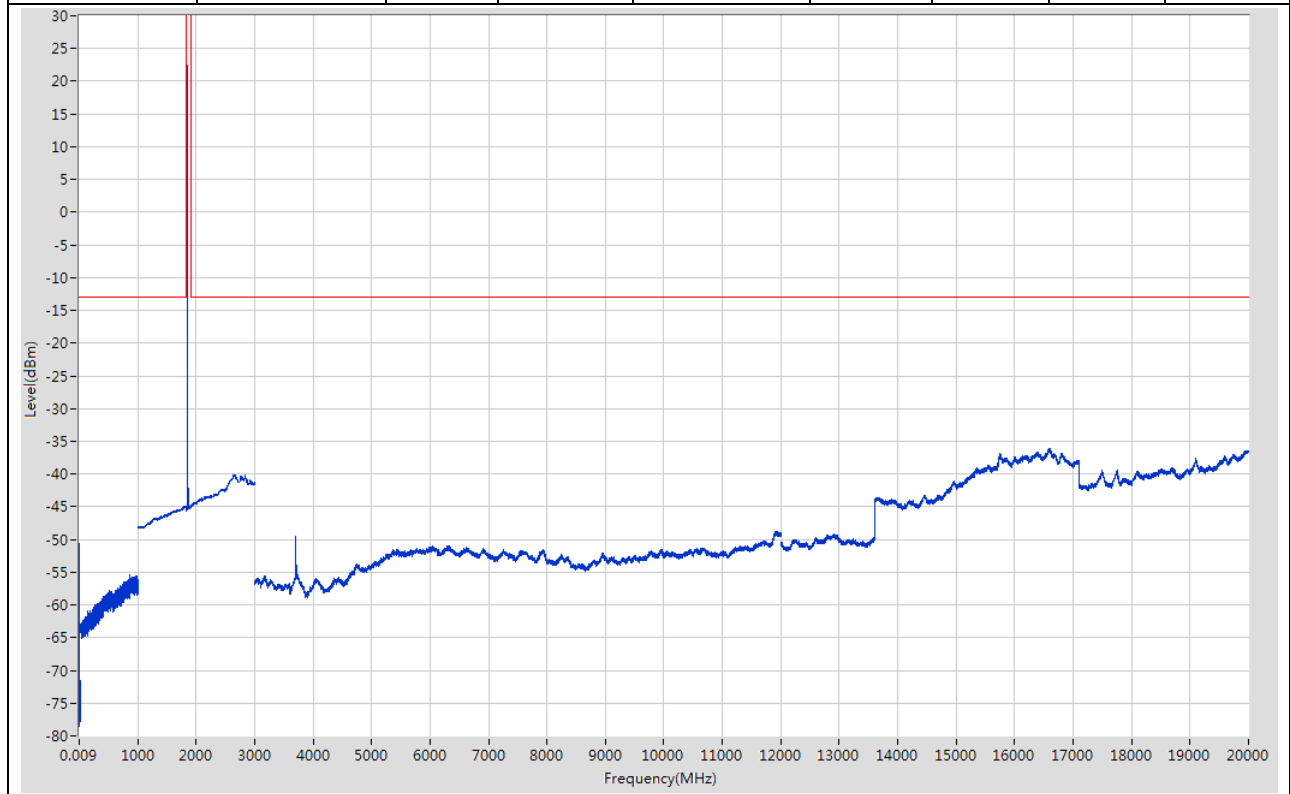
### 1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -53.65      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.08      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.791         | -55.67      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.4          | 22.54       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11939.993       | -48.77      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16580.573       | -36.15      | -13         | Pass    | 8000        |



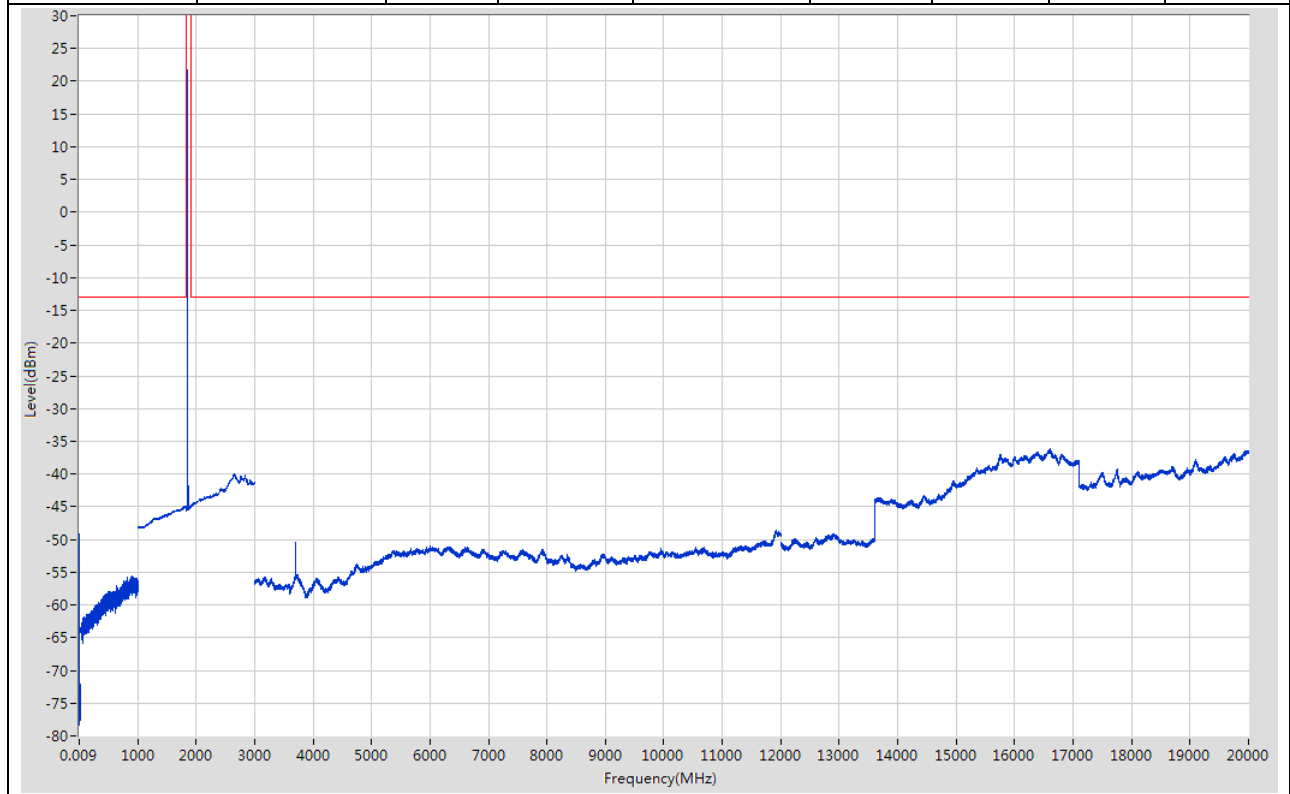
### 1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -53.03      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.68      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 867.786         | -55.39      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1815.983        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1854.6          | 22.51       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2661.687        | -40.06      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11933.993       | -48.79      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16589.574       | -36.17      | -13         | Pass    | 8000        |



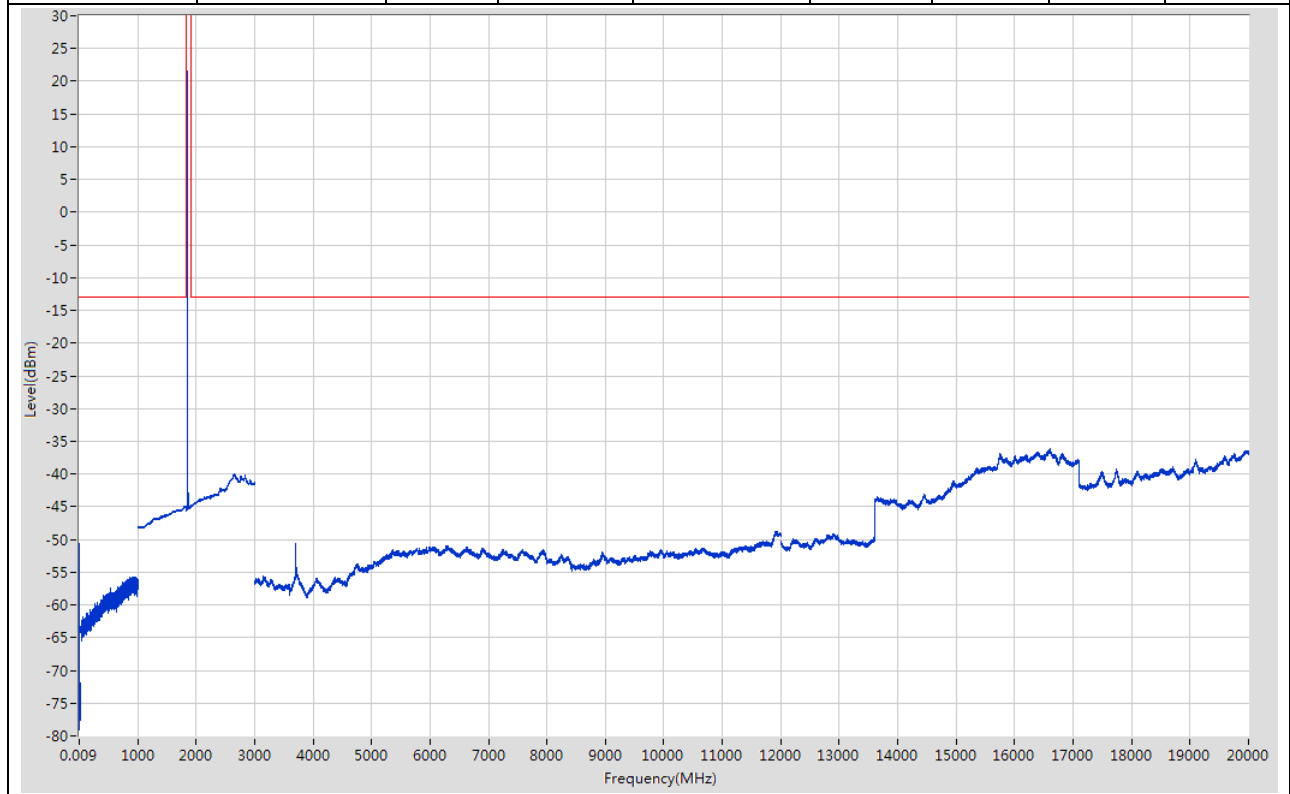
### 1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.25      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.19      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 908.691         | -55.56      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.4          | 21.66       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11923.992       | -48.65      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16598.575       | -36.11      | -13         | Pass    | 8000        |



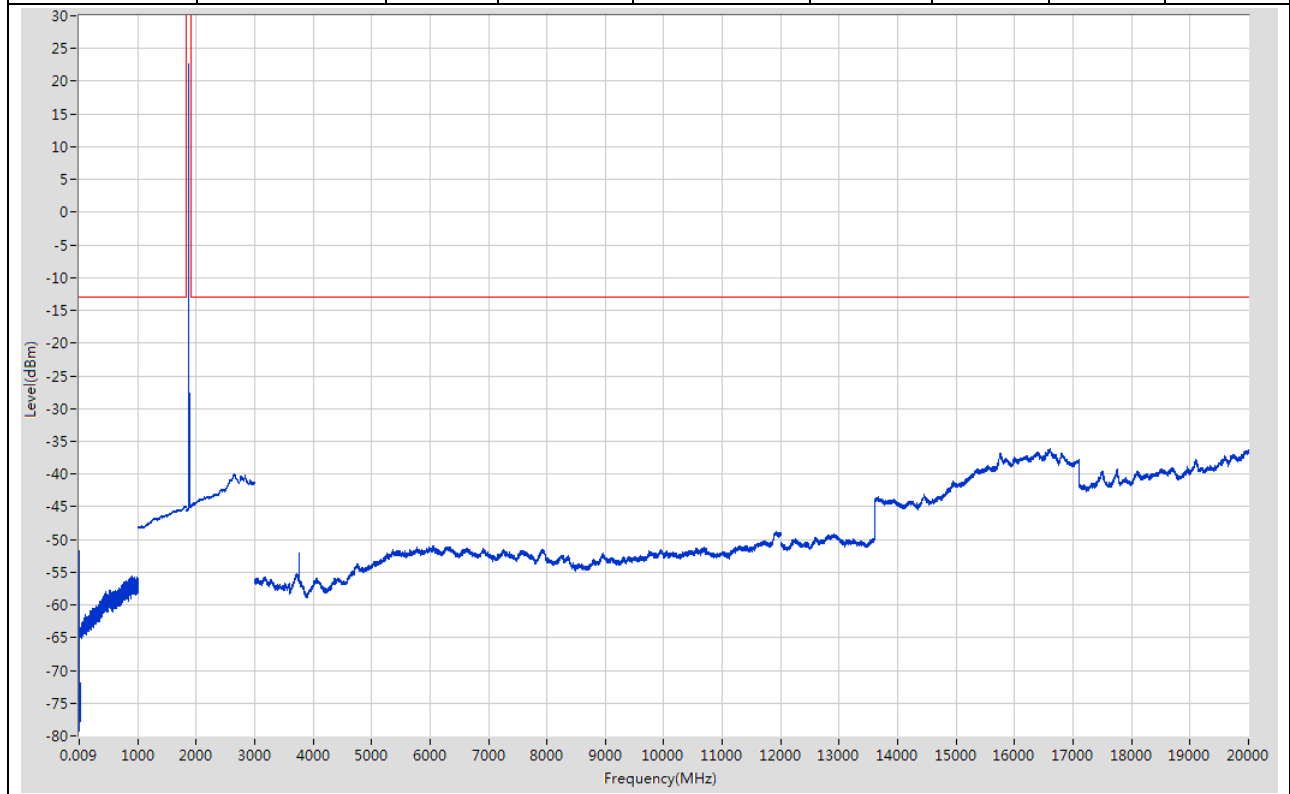
### 1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -52.96      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.57      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 961.496         | -55.68      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1814.982        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1854.6          | 21.62       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11923.992       | -48.72      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16601.575       | -36.2       | -13         | Pass    | 8000        |



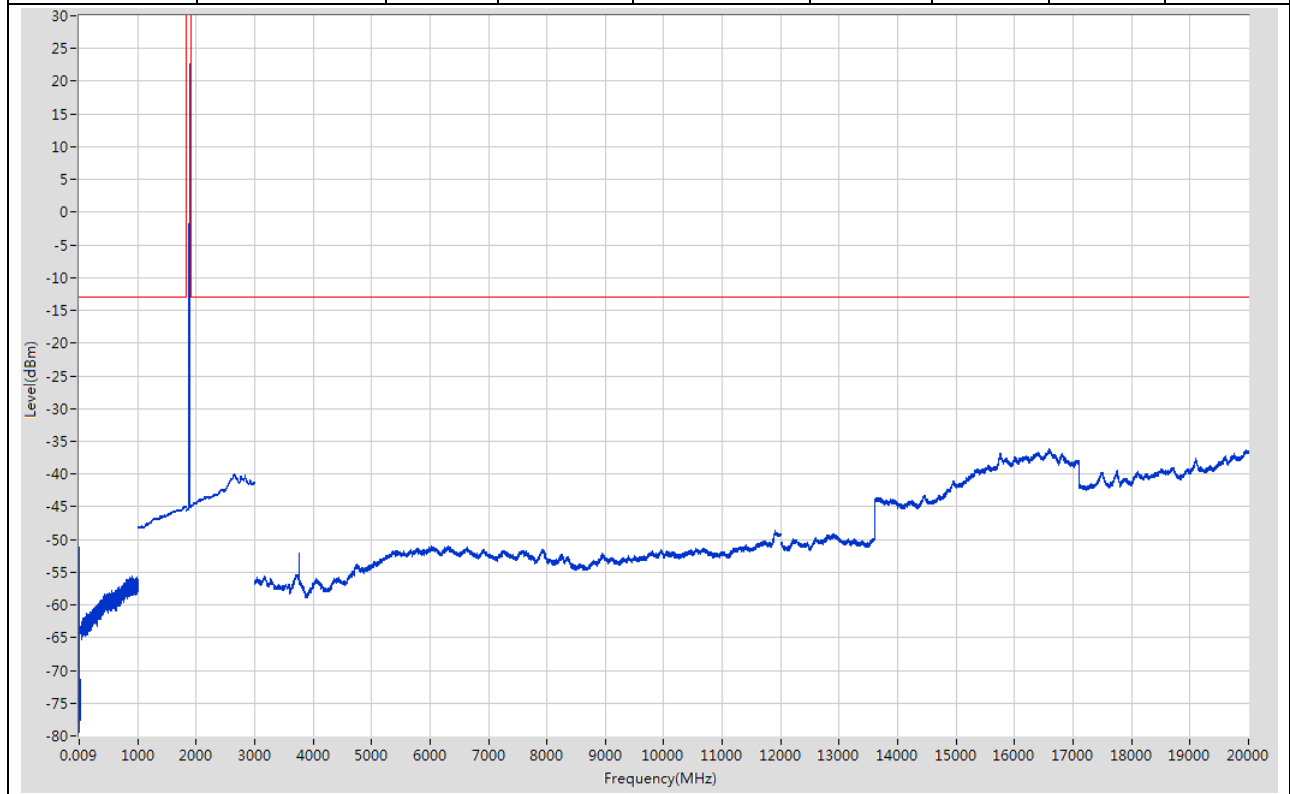
### 1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.01            | -54.31      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.64      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 900.09          | -55.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1877.85         | 22.66       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40         | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11912.99        | -48.85      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16599.575       | -36.16      | -13         | Pass    | 8000        |



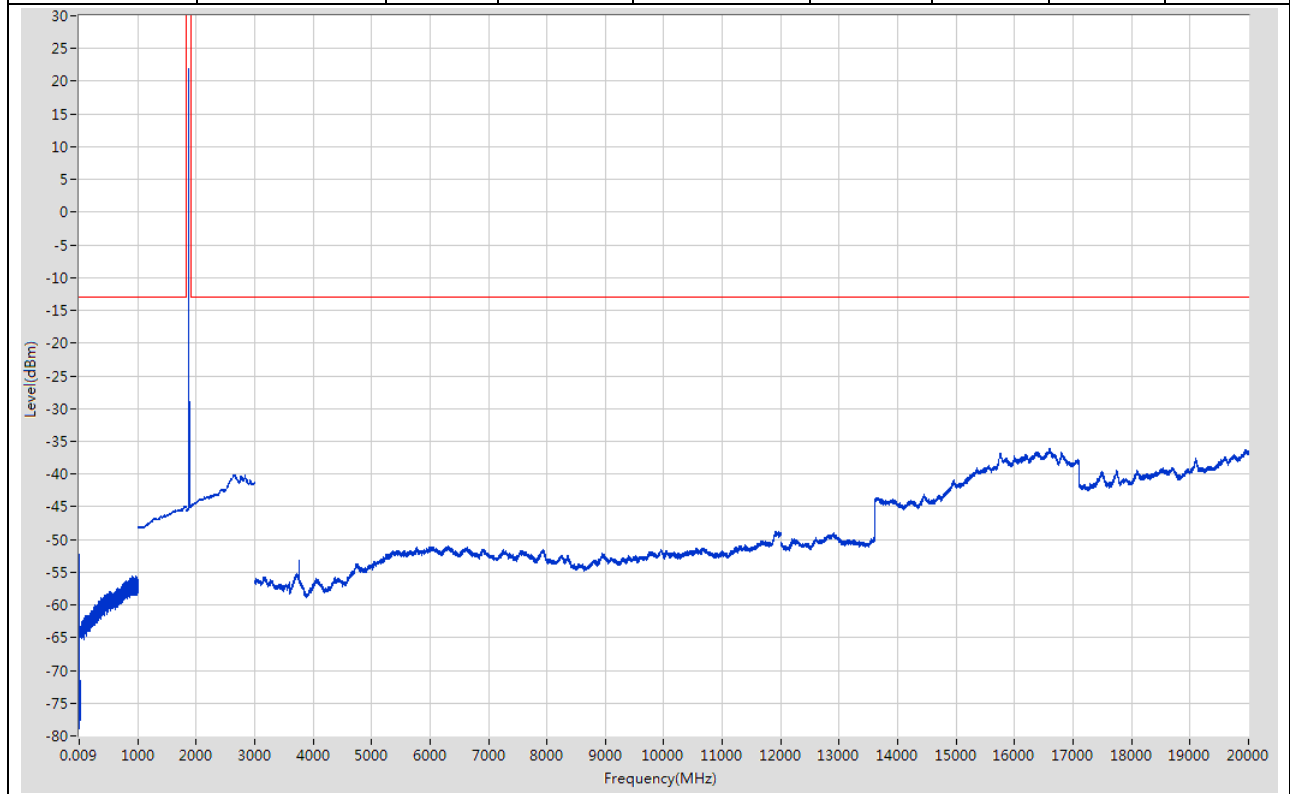
### 1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -52.11      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.21      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.99          | -55.54      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1813.981        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1882.2          | 22.65       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2661.687        | -39.99      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -48.67      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16595.574       | -36.14      | -13         | Pass    | 8000        |



### 1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

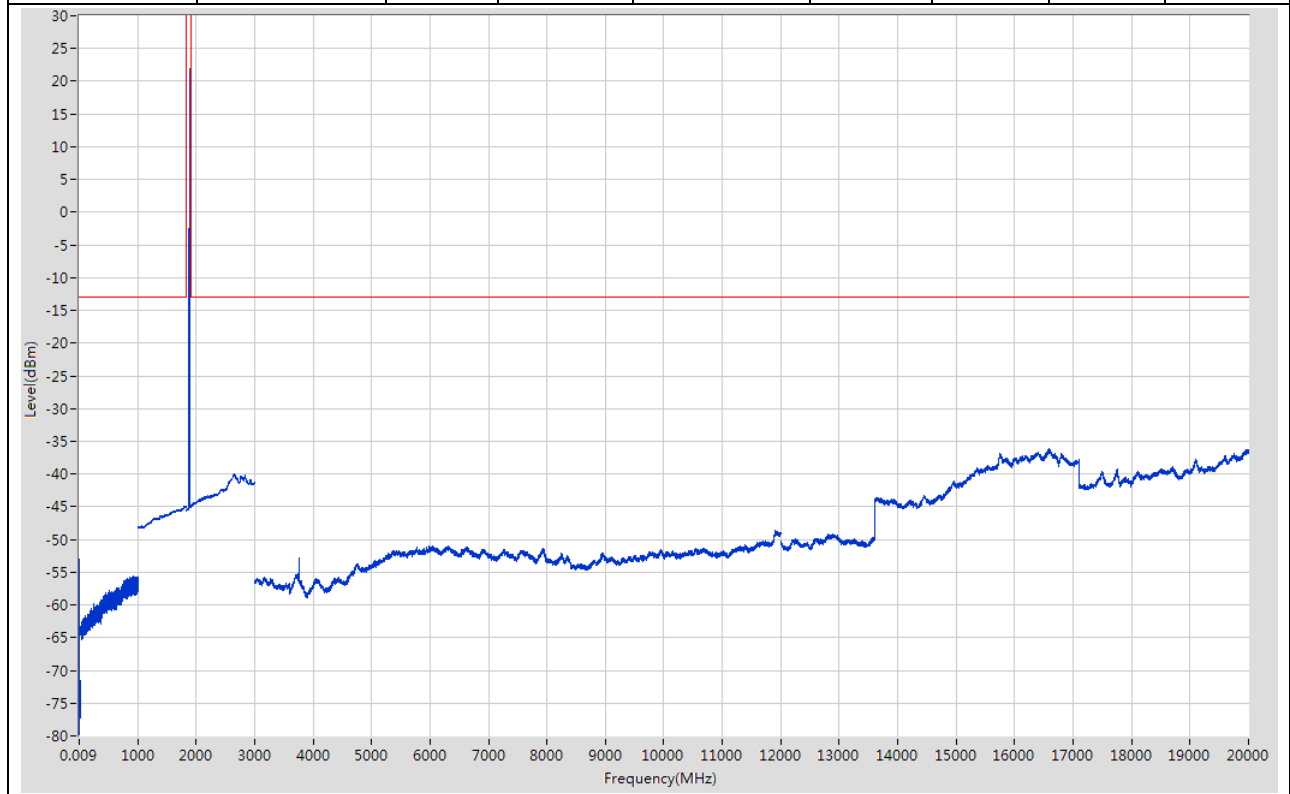
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.81      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.36      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 908.191         | -55.5       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1877.85         | 21.83       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.07      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11905.99        | -48.79      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.12      | -13         | Pass    | 8000        |





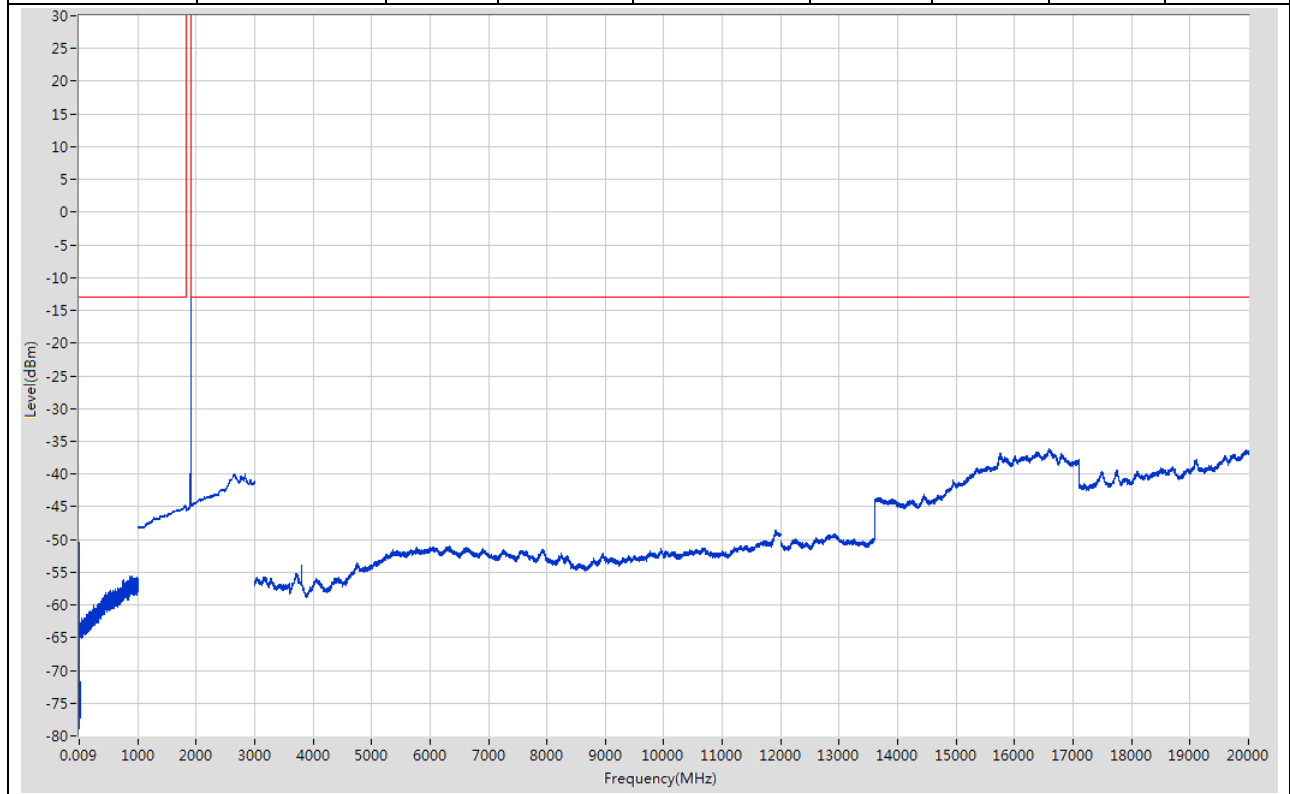
### 1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.92      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.02      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 918.592         | -55.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1882.2          | 21.85       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.97      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -48.66      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16595.574       | -36.18      | -13         | Pass    | 8000        |



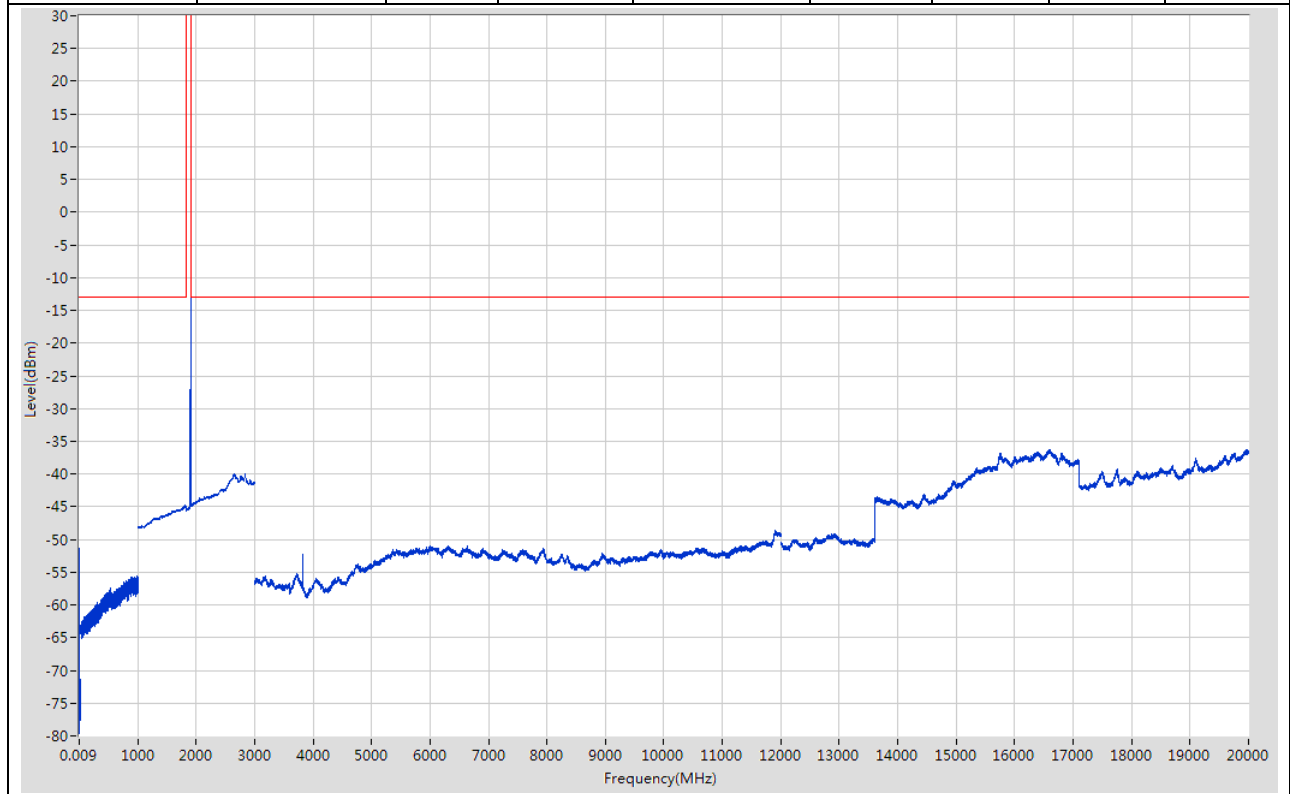
### 1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -52.2       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.41      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.789         | -55.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -44.82      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1905.3          | 22.56       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2838.851        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11905.99        | -48.61      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16589.574       | -36.14      | -13         | Pass    | 8000        |



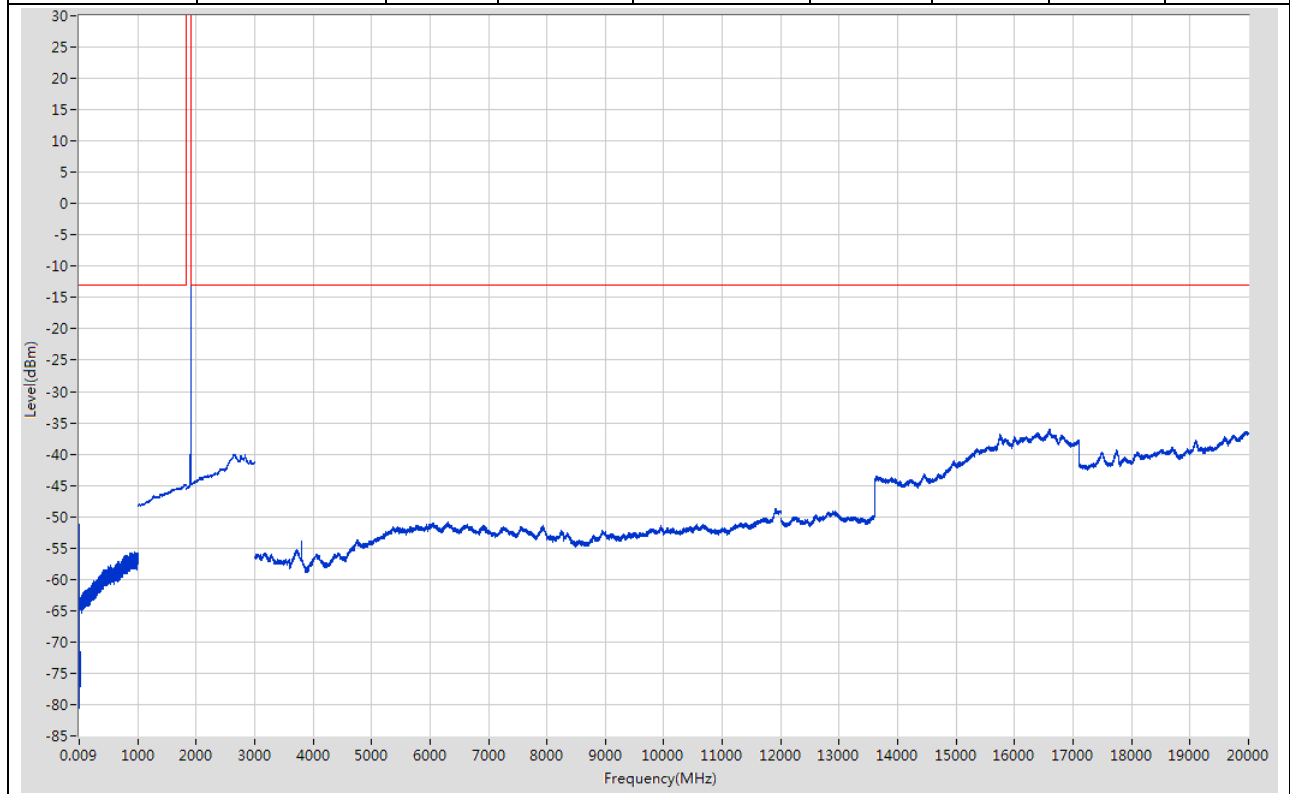
### 1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -53.1       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.4       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 980.498         | -55.63      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -44.81      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.65         | 22.63       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.96      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -48.66      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.27      | -13         | Pass    | 8000        |



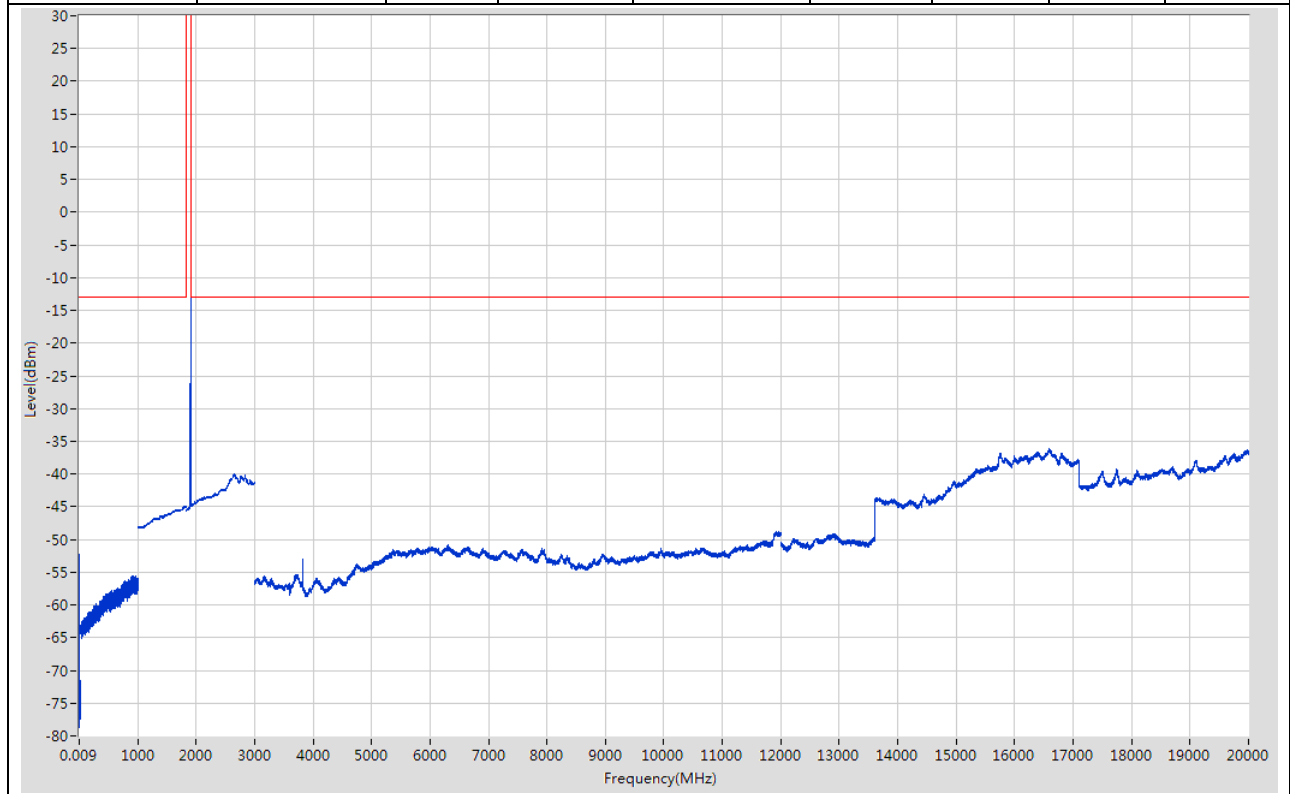
### 1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -51.55      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.12      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 941.994         | -55.63      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1905.3          | 21.81       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.99      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11894.988       | -48.7       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16594.574       | -36         | -13         | Pass    | 8000        |



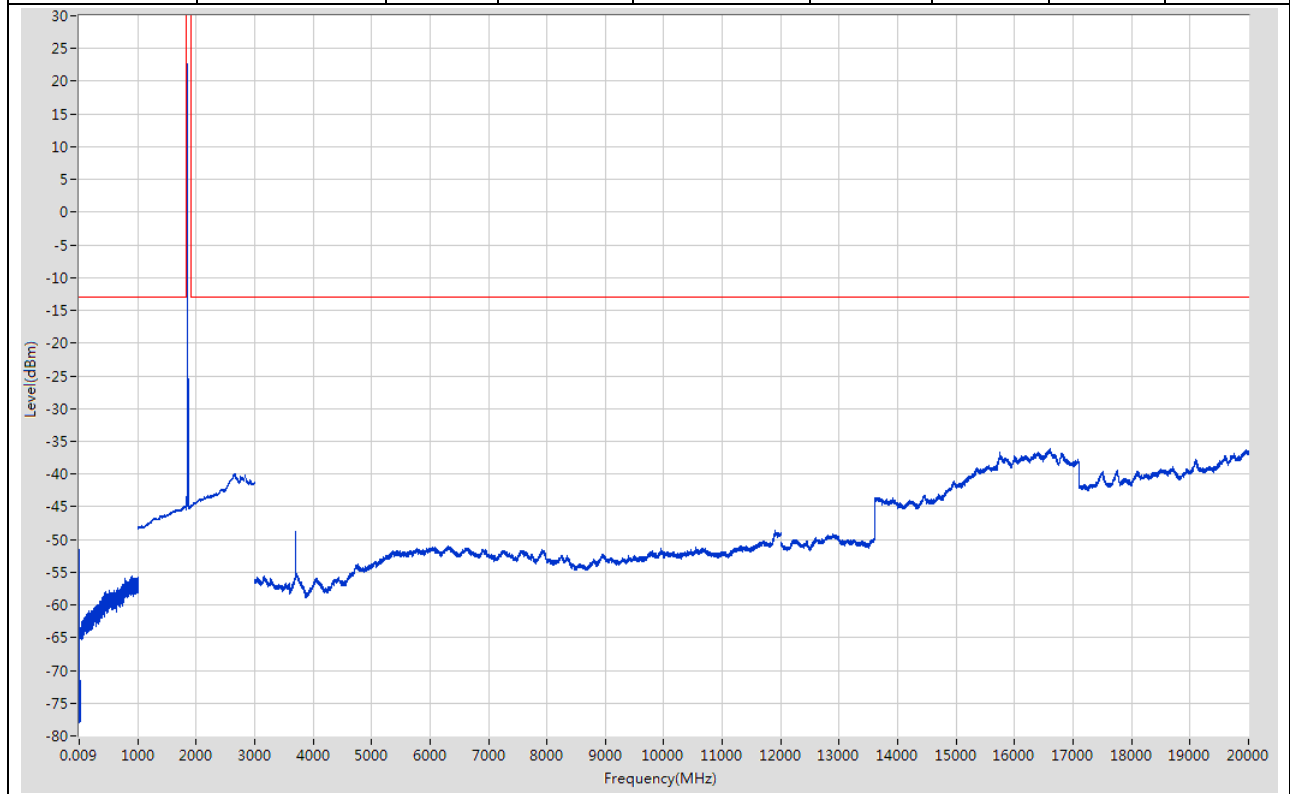
### 1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.86      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.31      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 931.293         | -55.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1796.96         | -44.85      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.65         | 21.83       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2653.679        | -40         | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11917.991       | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16593.574       | -36.06      | -13         | Pass    | 8000        |



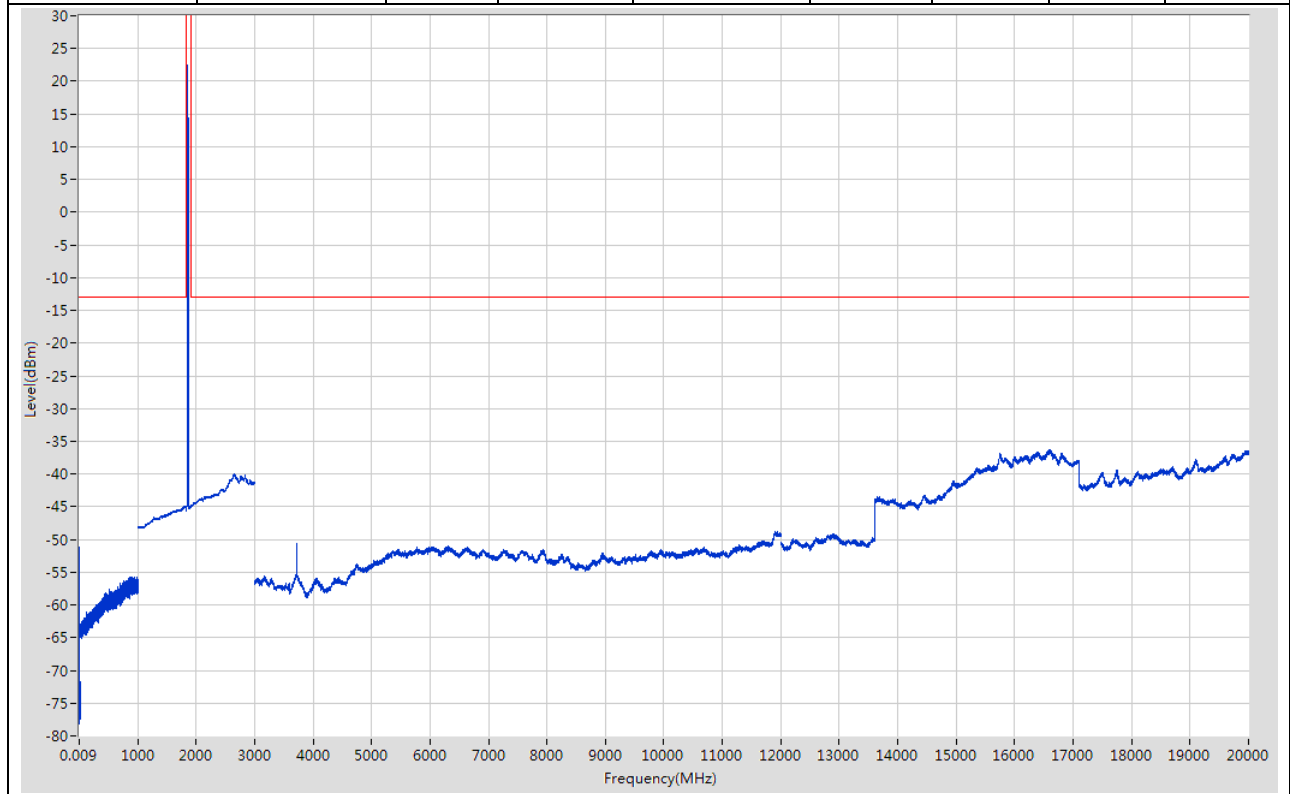
### 1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -52.24      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.58      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 906.39          | -55.66      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1792.955        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.55         | 22.57       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -48.66      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16598.575       | -36.16      | -13         | Pass    | 8000        |



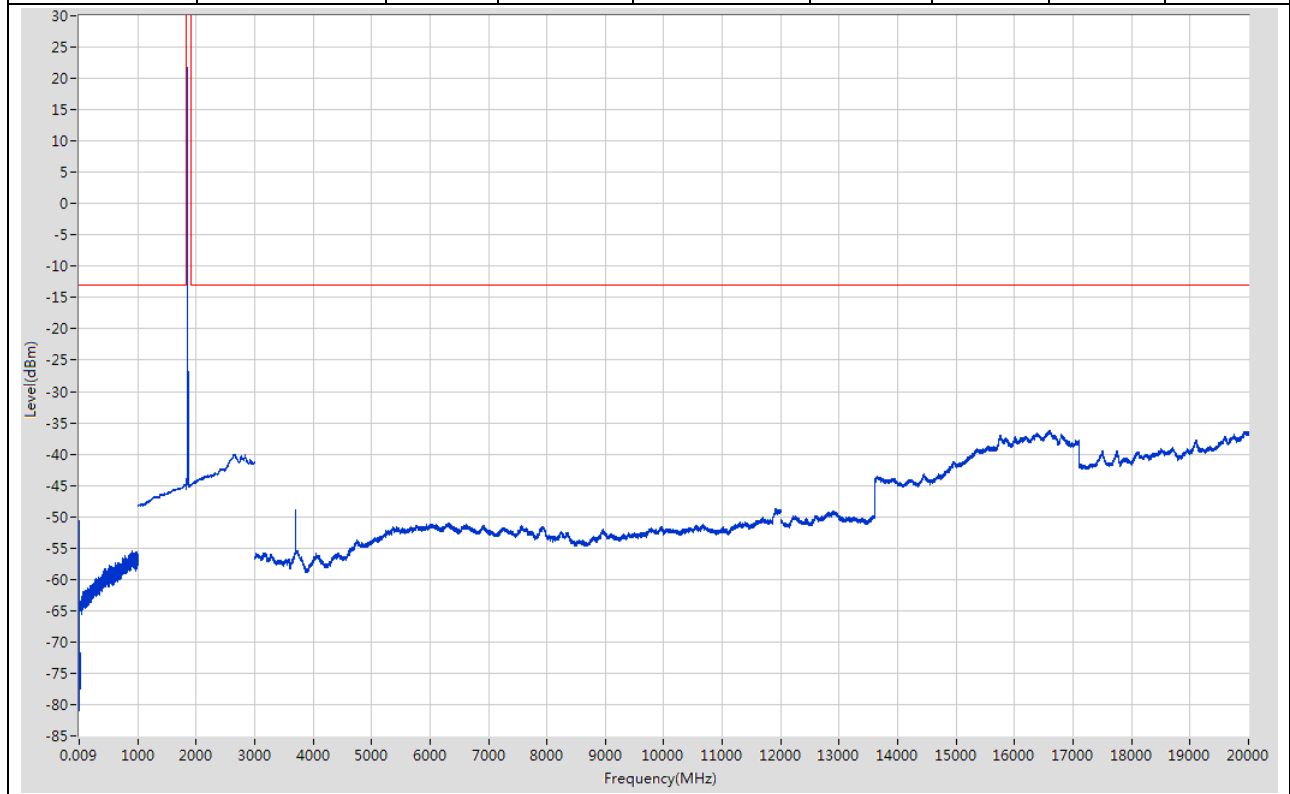
### 1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -52.68      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.24      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 939.194         | -55.69      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1828.999        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1859.4          | 22.56       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11938.993       | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16602.575       | -36.26      | -13         | Pass    | 8000        |



### 1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

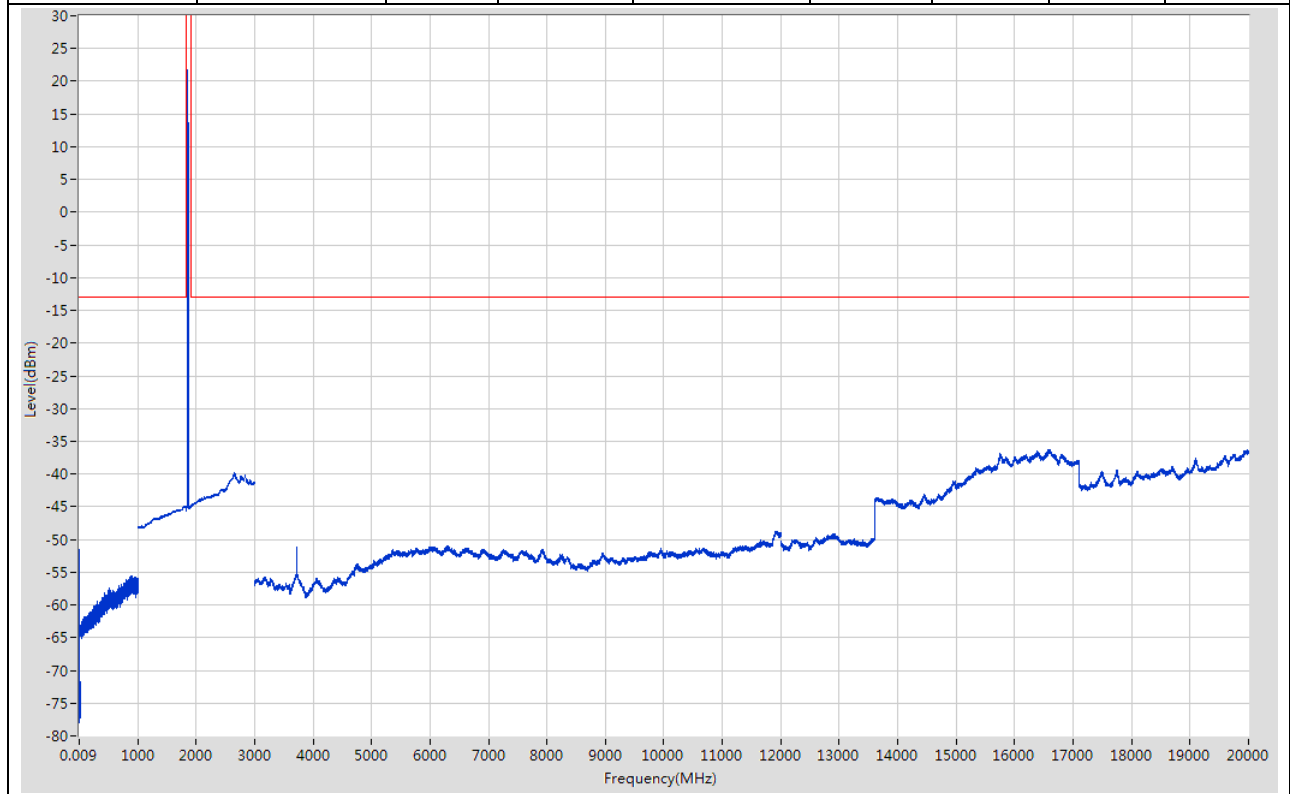
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.01      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.6       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 899.59          | -55.42      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1827.998        | -44.84      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.55         | 21.82       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.04      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11921.991       | -48.77      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16594.574       | -36.24      | -13         | Pass    | 8000        |





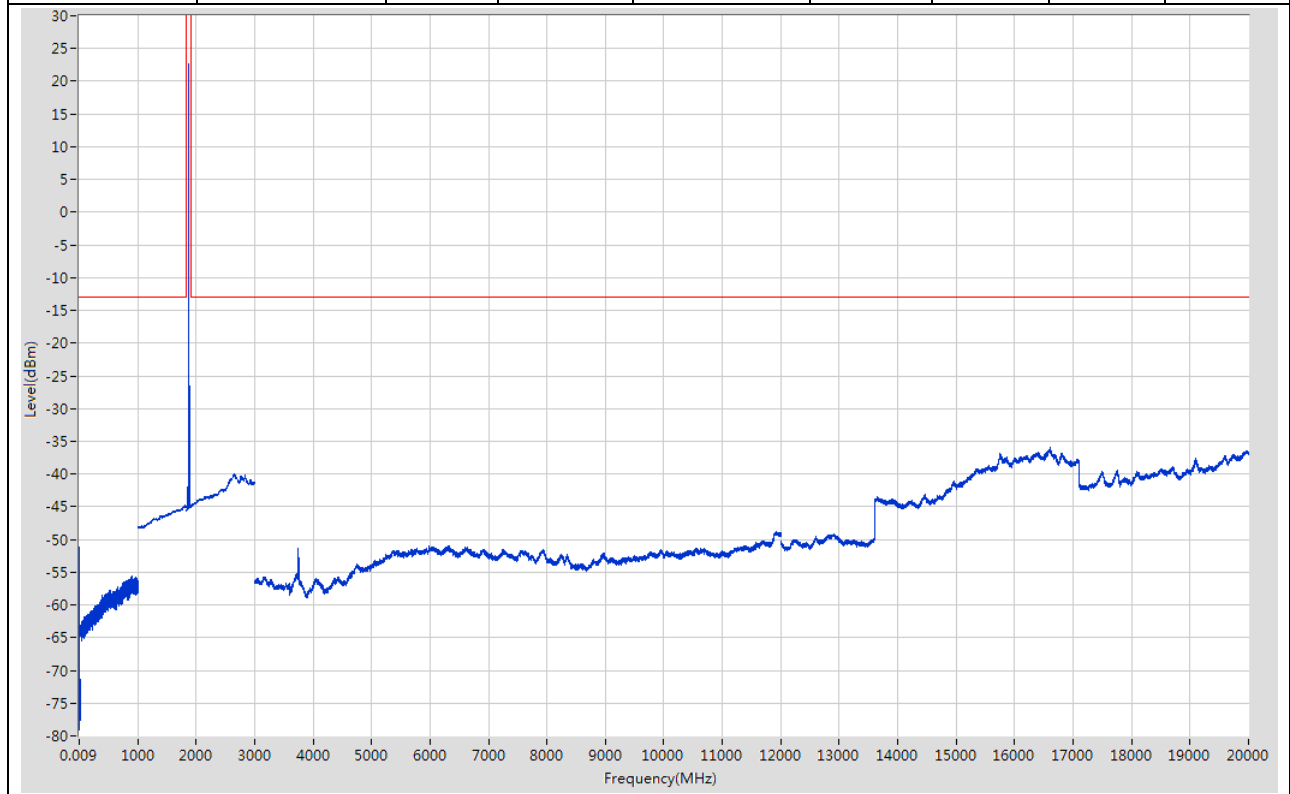
#### 1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -52.34      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.49      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 908.691         | -55.62      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1859.4          | 21.79       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2655.681        | -39.87      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11896.989       | -48.77      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16601.575       | -36.24      | -13         | Pass    | 8000        |



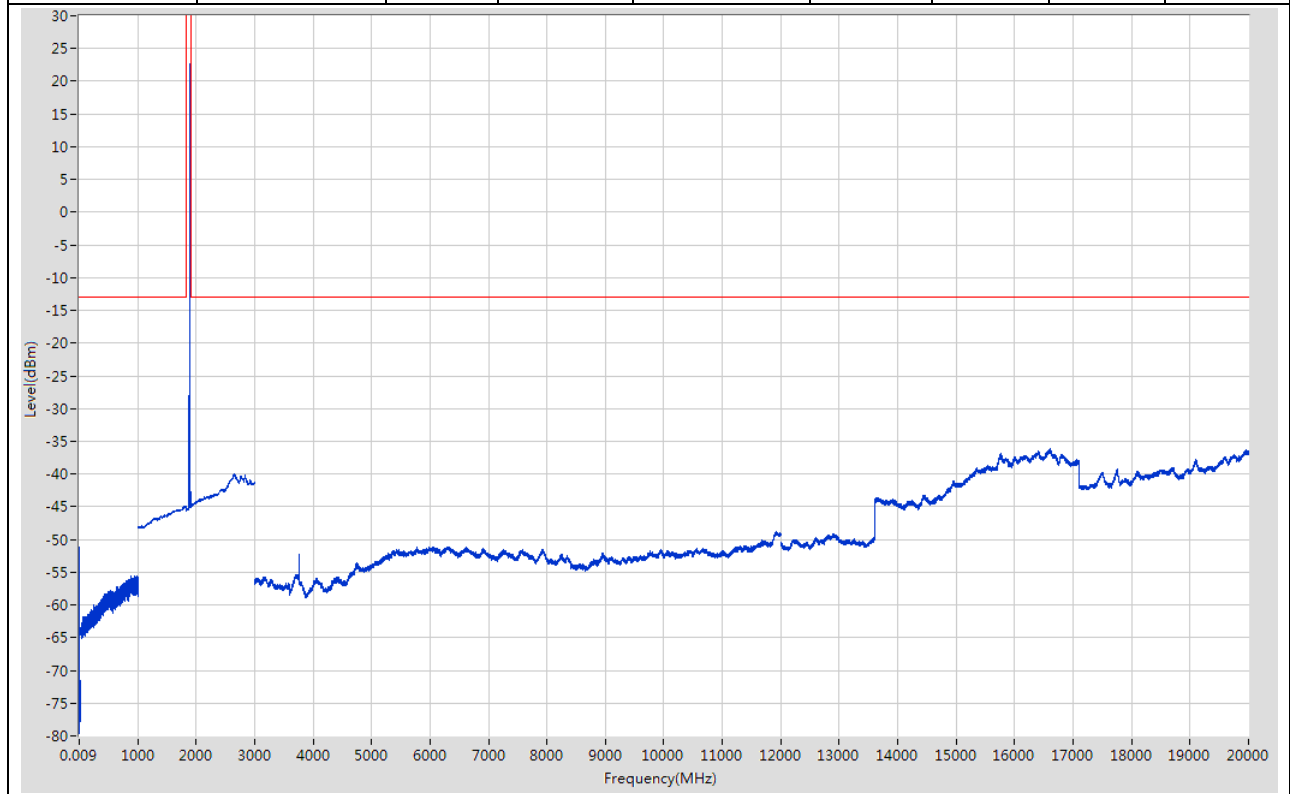
#### 1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -51.84      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.19      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 896.189         | -55.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1801.966        | -44.82      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1875.6          | 22.7        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.02      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11918.991       | -48.77      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -35.99      | -13         | Pass    | 8000        |



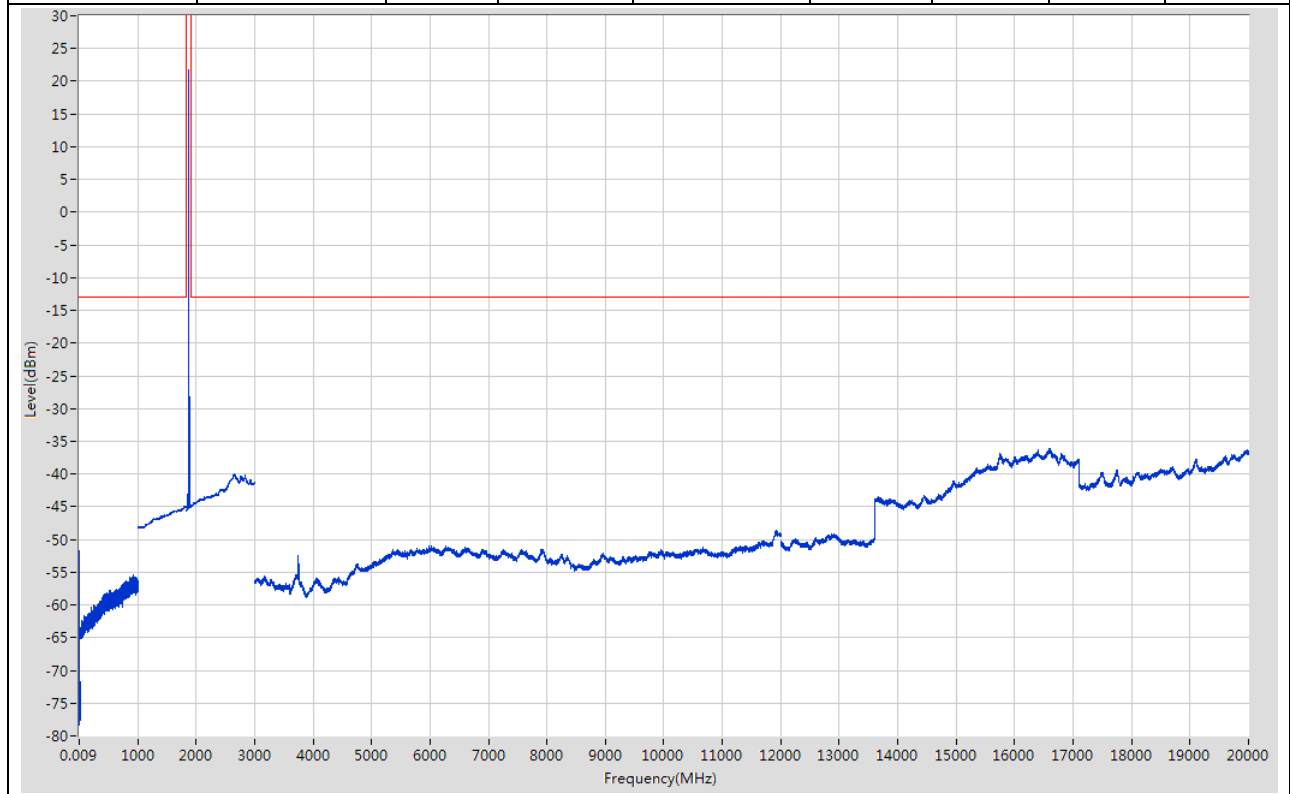
#### 1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -53.18      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.17      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 986.299         | -55.53      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1793.957        | -44.84      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1884.45         | 22.7        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.06      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11920.991       | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.15      | -13         | Pass    | 8000        |



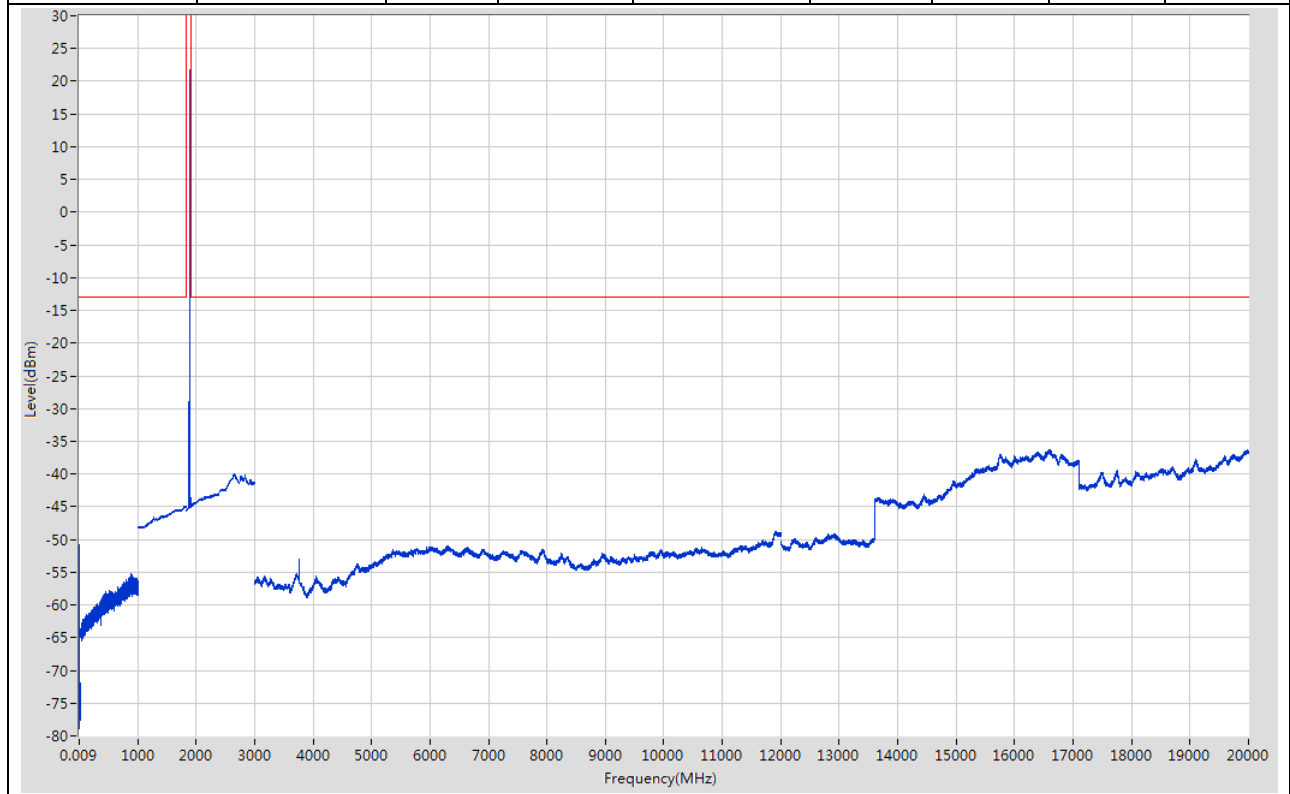
### 1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -53.29      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.65      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 927.192         | -55.39      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -44.85      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1875.6          | 21.78       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -48.65      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16602.575       | -36.03      | -13         | Pass    | 8000        |



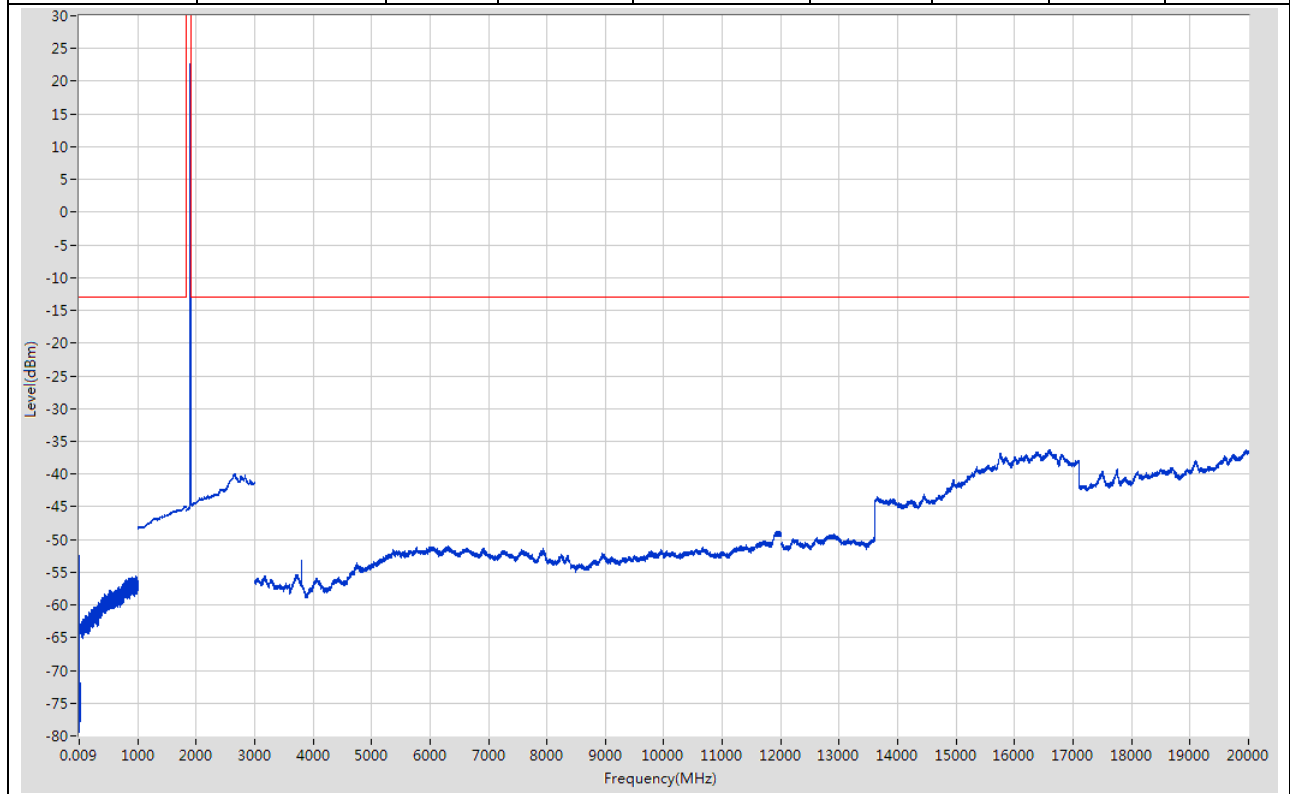
#### 1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -52.91      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.88      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 878.087         | -55.3       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -44.85      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1884.45         | 21.72       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.2       | -13         | Pass    | 8000        |



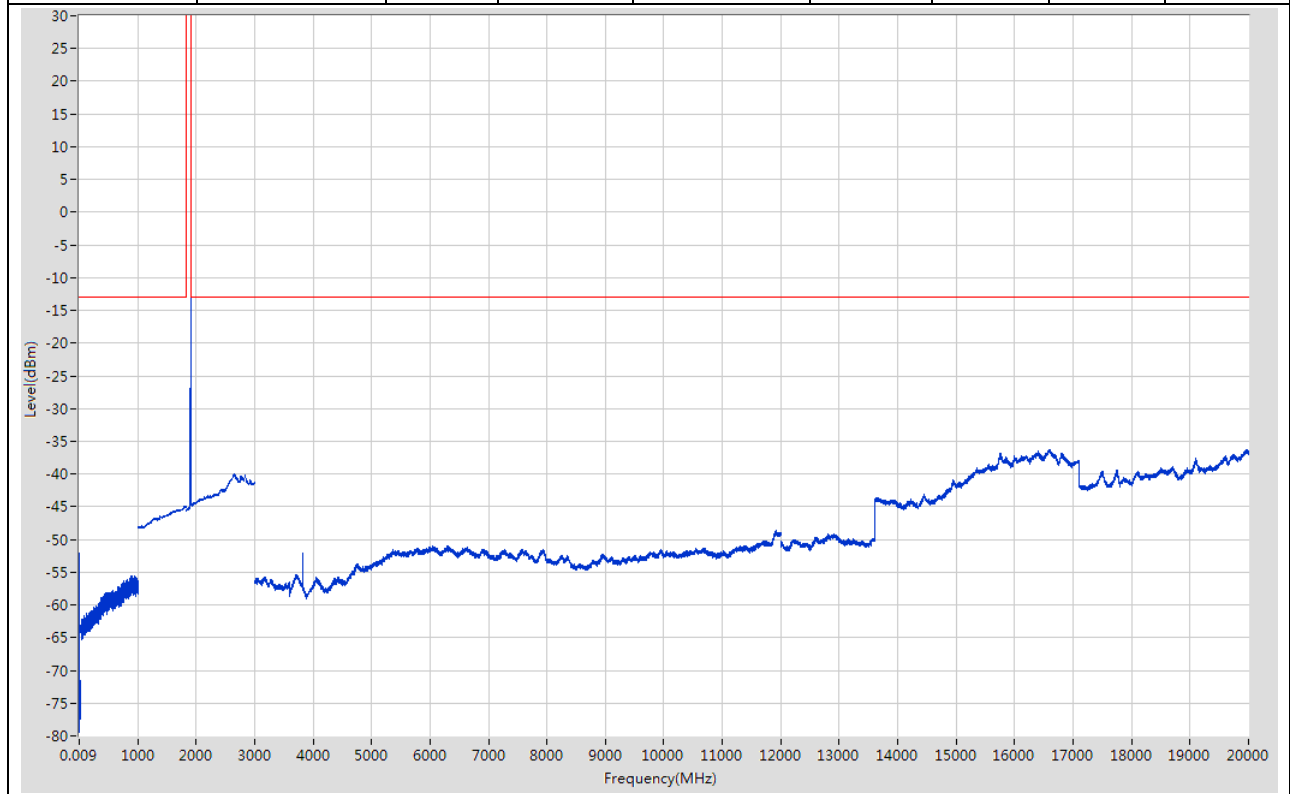
### 1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -54.08      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.45      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 964.696         | -55.66      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1826.996        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1900.65         | 22.65       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2662.688        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11982.998       | -48.81      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16587.573       | -36.25      | -13         | Pass    | 8000        |



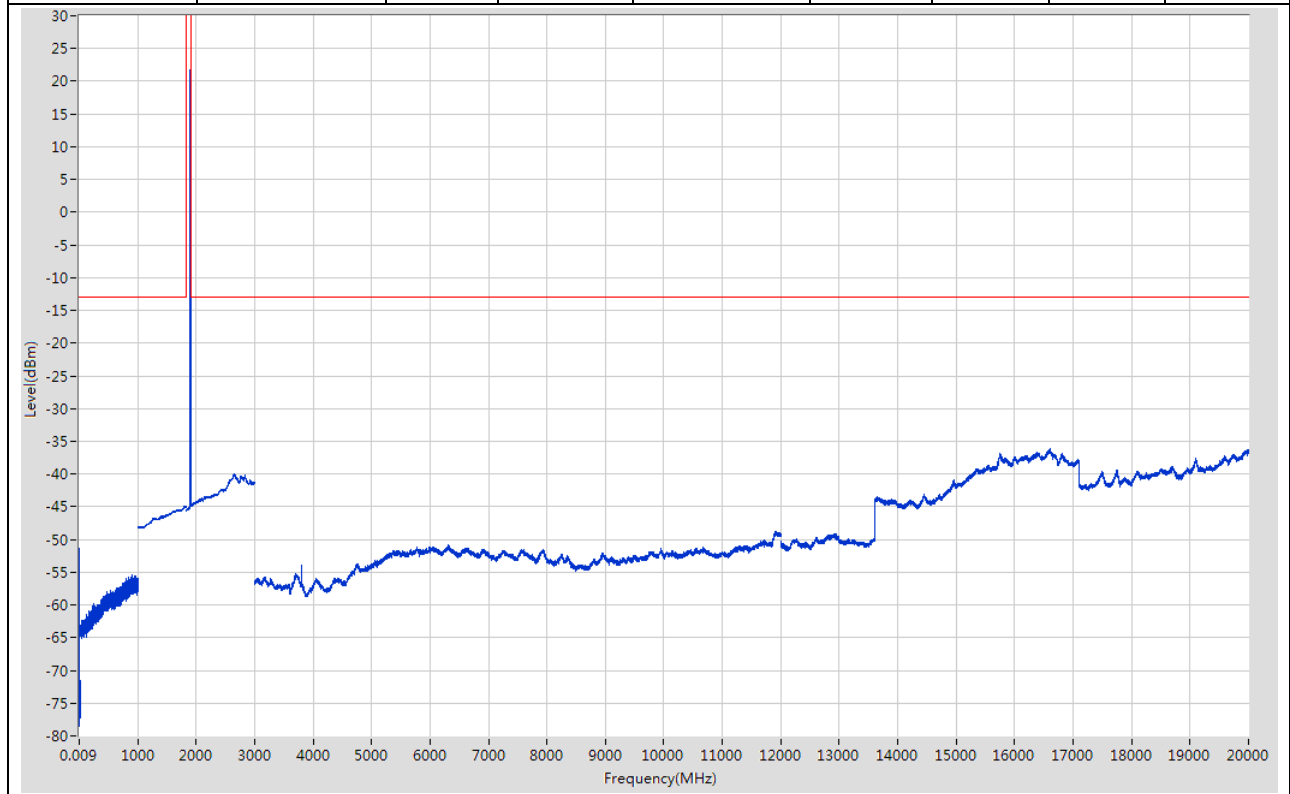
#### 1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -54.22      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52         | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 912.591         | -55.5       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.35         | 22.57       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11919.991       | -48.65      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.25      | -13         | Pass    | 8000        |



### 1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

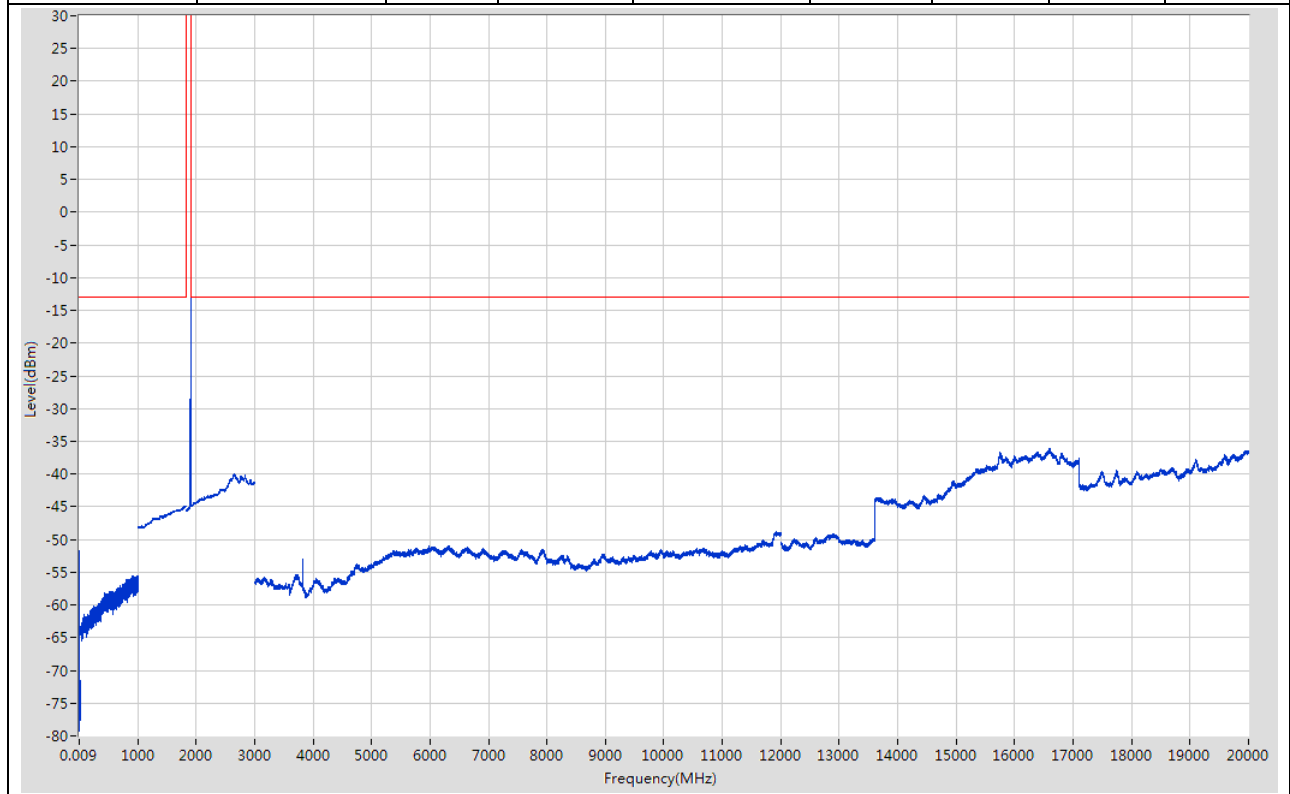
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.96      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.34      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 902.09          | -55.46      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -44.84      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1900.65         | 21.76       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.99      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16611.576       | -36.08      | -13         | Pass    | 8000        |





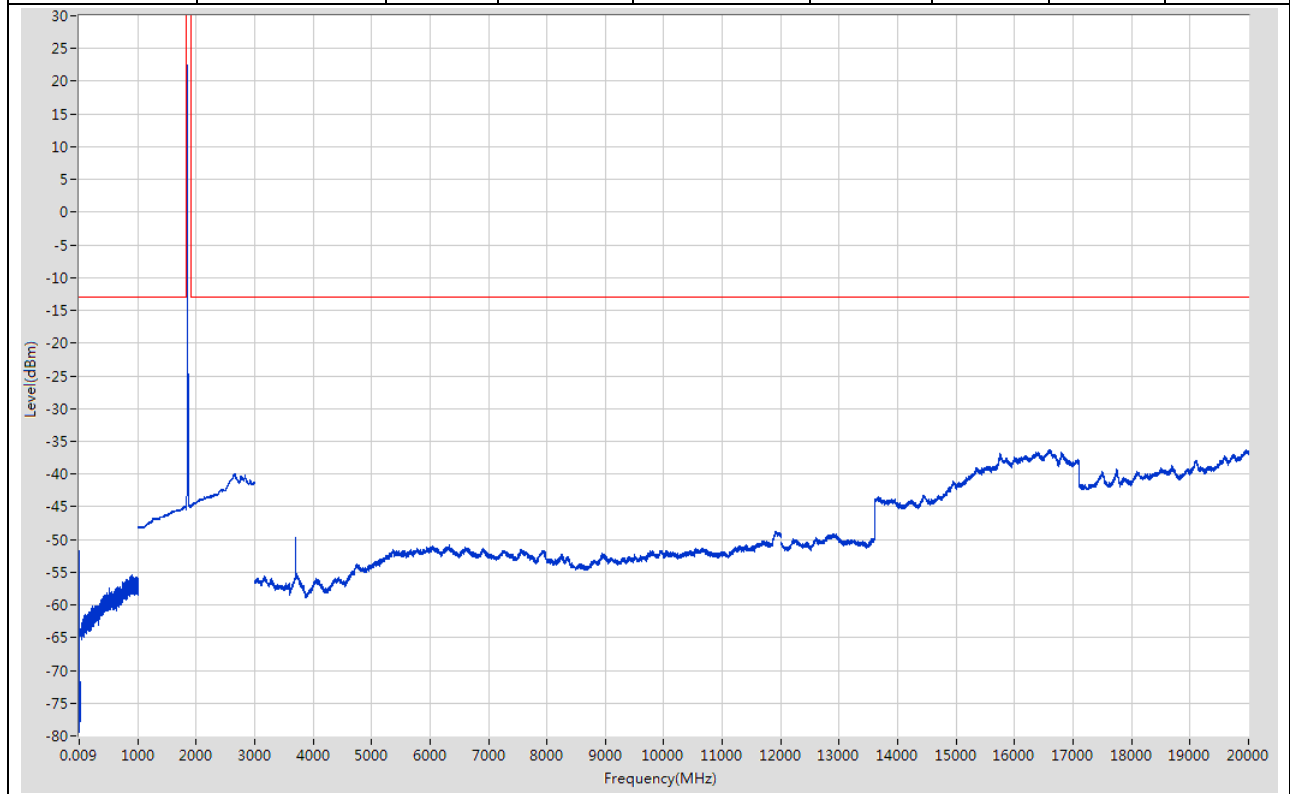
### 1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.8       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.7       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 999.3           | -55.5       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1805.971        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.35         | 21.67       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -48.84      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.19      | -13         | Pass    | 8000        |



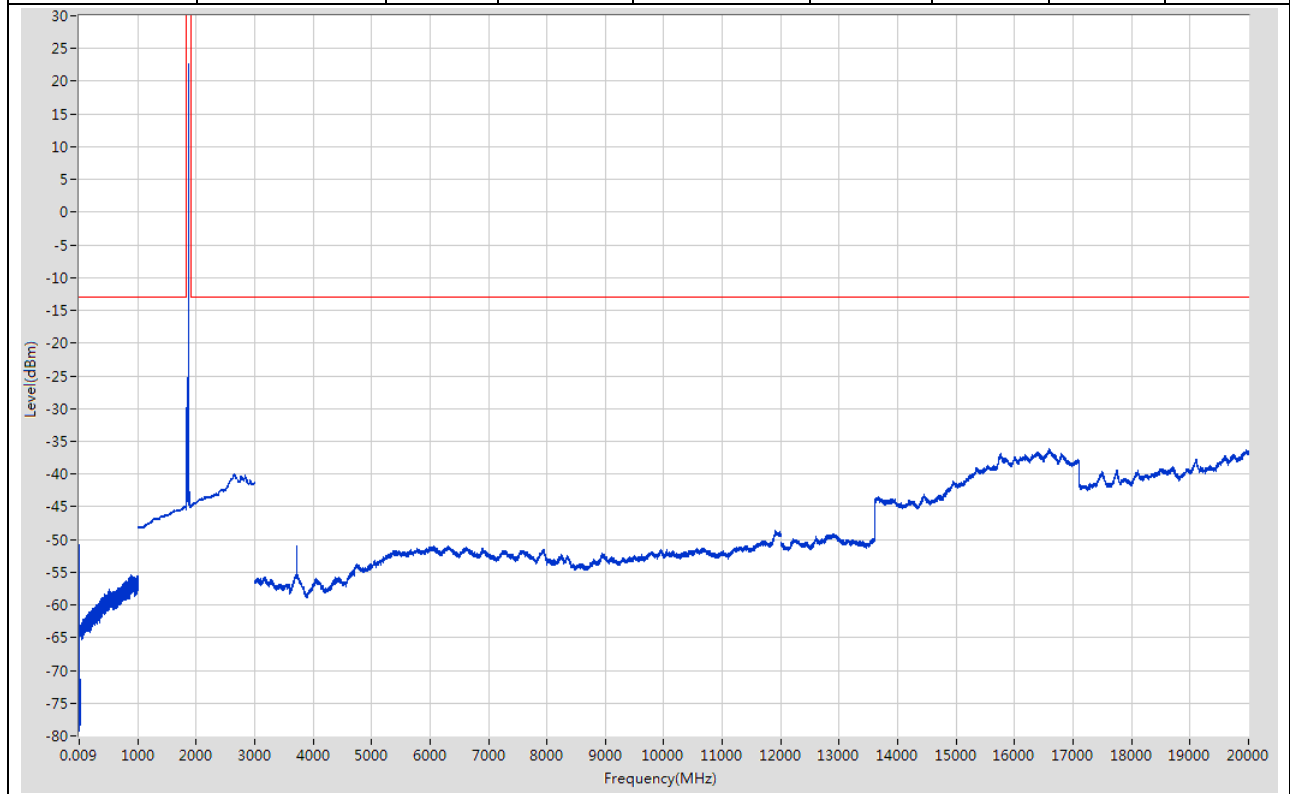
### 1.49. LTE Transmitter Spurious Emissions(NTNV)(Subtest:49, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -53.27      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.66      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 913.791         | -55.39      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1823.993        | -44.62      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.85         | 22.56       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -39.99      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 19951.994       | -36.24      | -13         | Pass    | 8000        |



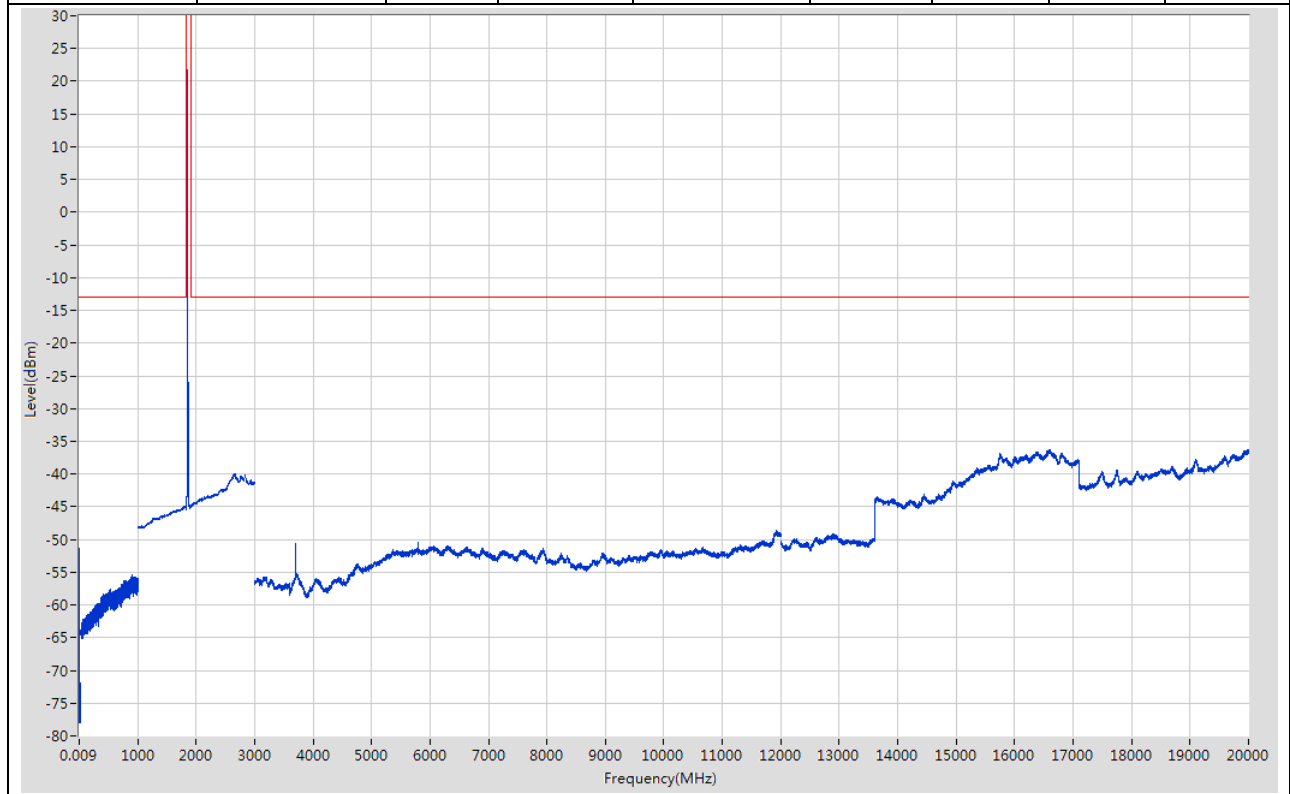
**1.50. LTE Transmitter Spurious Emissions(NTNV)(Subtest:50, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| 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            | -53.08      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -50.89      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 890.489         | -55.33      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1813.981        | -44.84      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1864.2          | 22.58       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11906.99        | -48.68      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16591.574       | -36.12      | -13         | Pass    | 8000        |



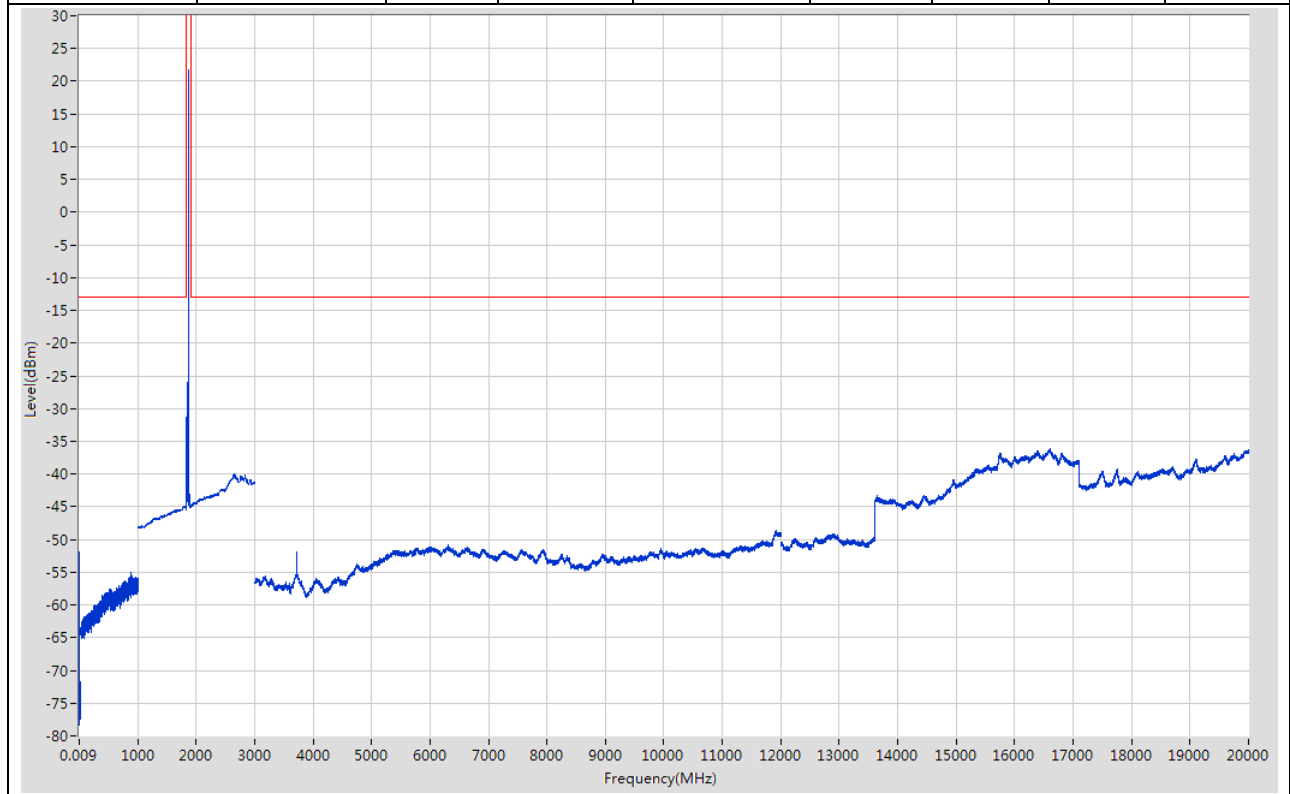
**1.51. LTE Transmitter Spurious Emissions(NTNV)(Subtest:51, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.02      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.35      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 896.189         | -55.31      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1823.993        | -44.72      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.85         | 21.81       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -40         | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -48.66      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16587.573       | -36.21      | -13         | Pass    | 8000        |



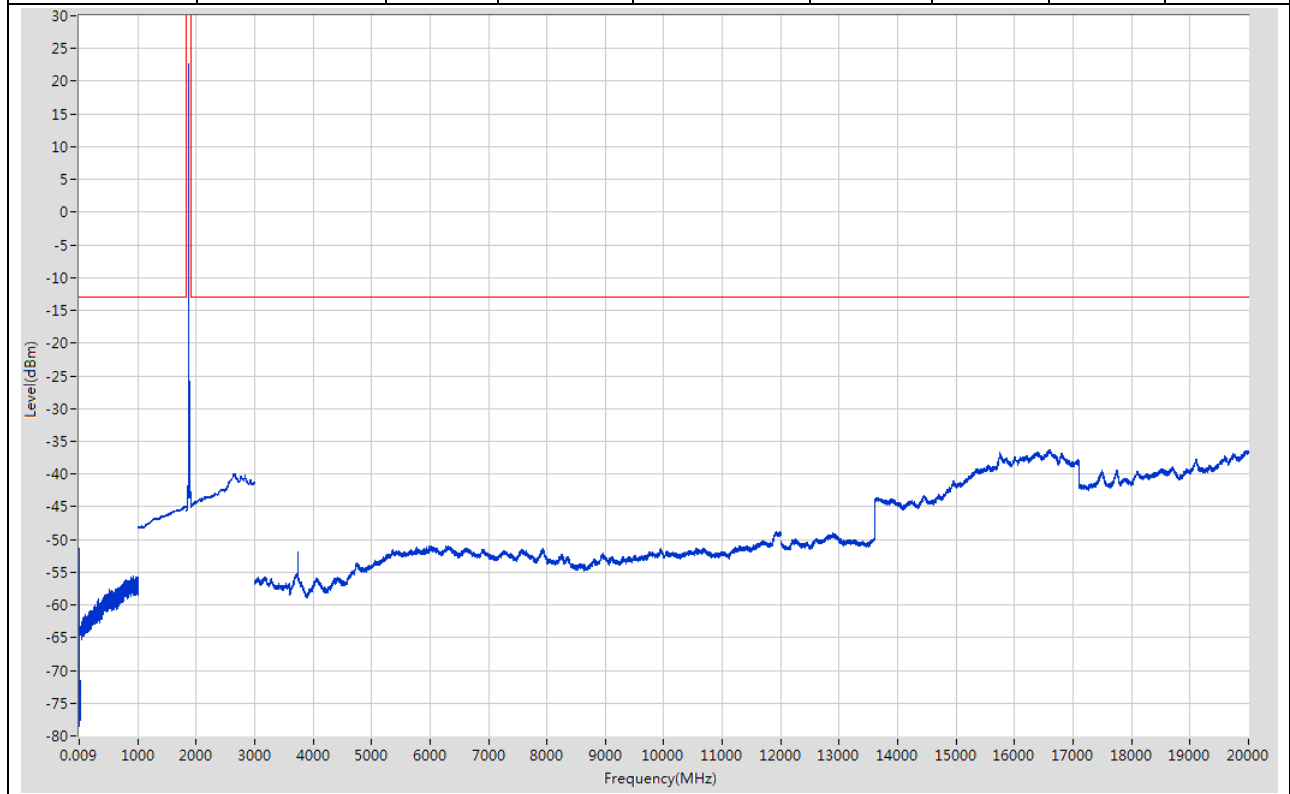
### 1.52. LTE Transmitter Spurious Emissions(NTNV)(Subtest:52, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -52.76      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.87      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 889.589         | -55.1       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1814.982        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1864.2          | 21.83       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -48.61      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16598.575       | -36.06      | -13         | Pass    | 8000        |



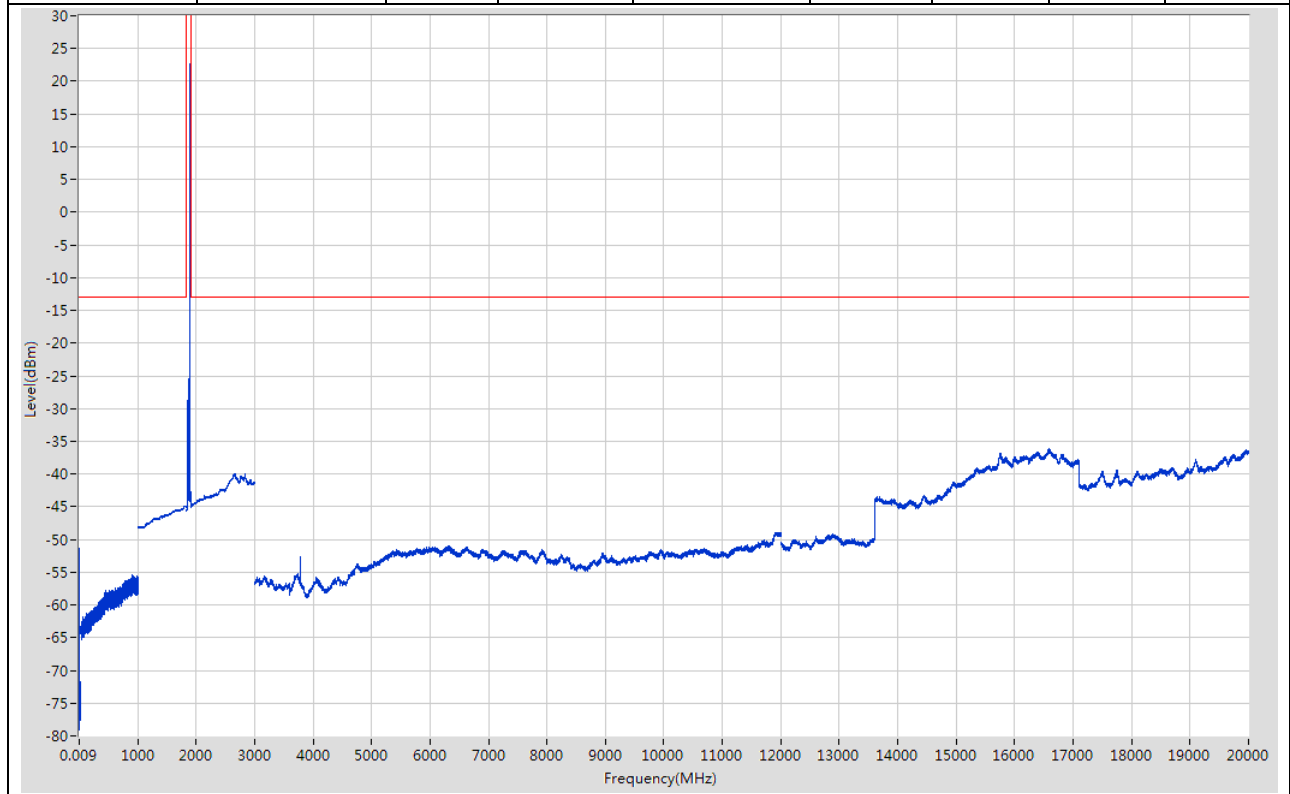
### 1.53. LTE Transmitter Spurious Emissions(NTNV)(Subtest:53, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.011           | -53.97      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.28      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 934.193         | -55.6       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1873.35         | 22.69       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -39.97      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -48.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16601.575       | -36.28      | -13         | Pass    | 8000        |



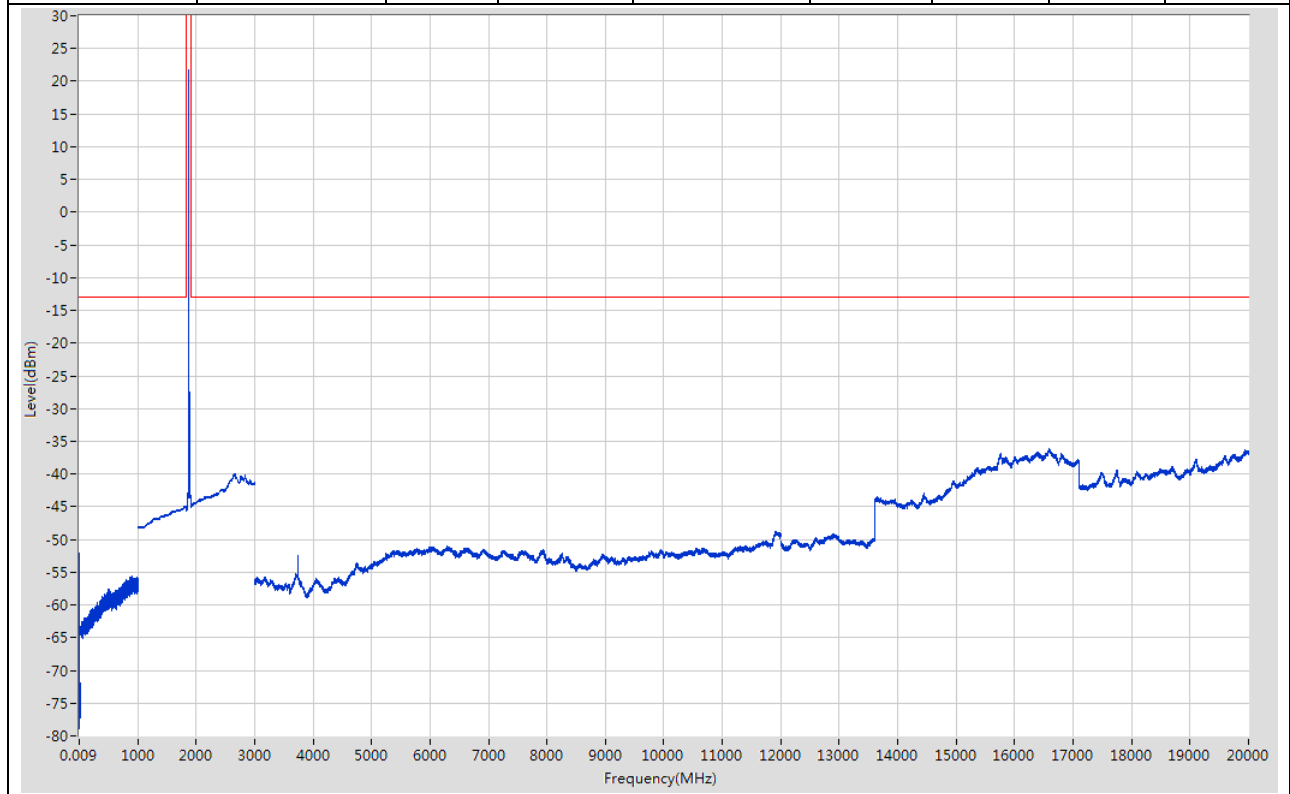
### 1.54. LTE Transmitter Spurious Emissions(NTNV)(Subtest:54, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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            | -53.49      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.38      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.789         | -55.45      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1794.958        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1886.7          | 22.67       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.9       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11911.99        | -48.88      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.13      | -13         | Pass    | 8000        |



### 1.55. LTE Transmitter Spurious Emissions(NTNV)(Subtest:55, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

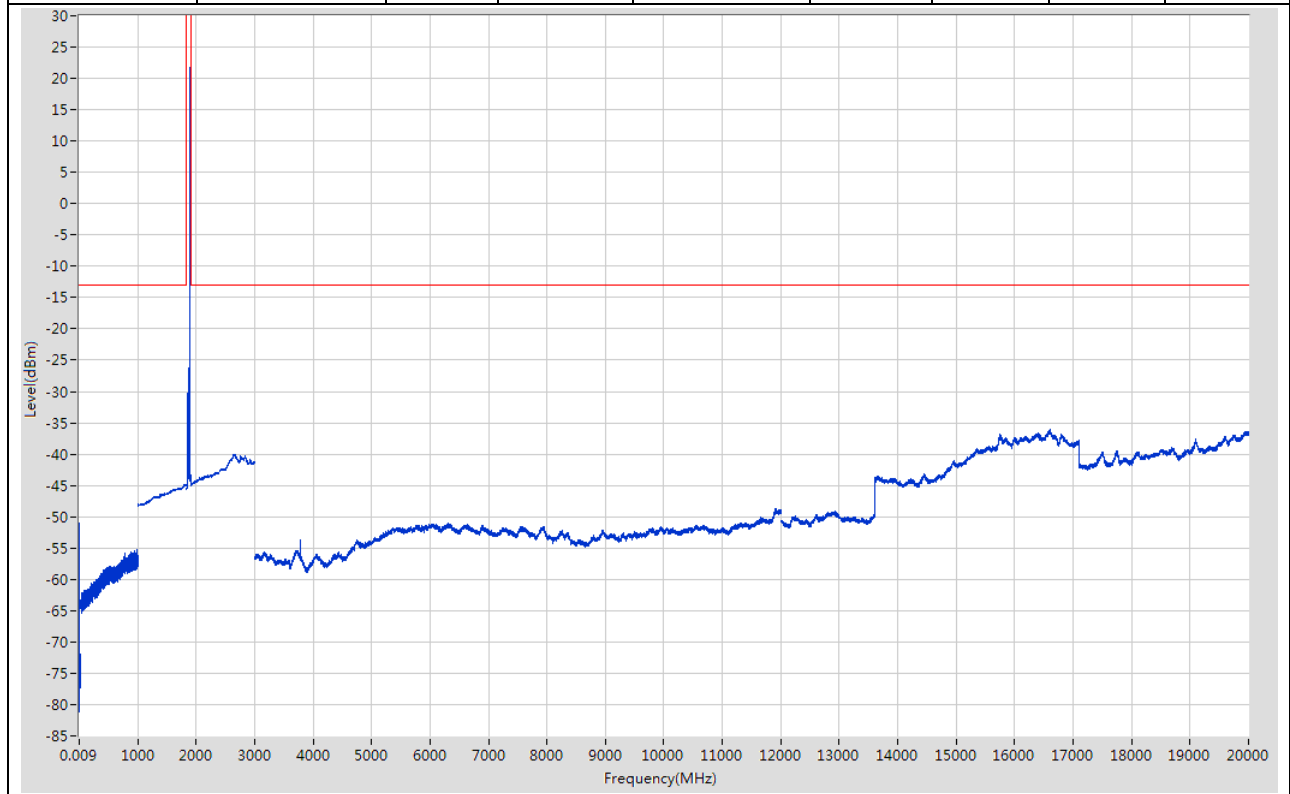
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -52.11      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -52.22      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 901.39          | -55.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1819.988        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1873.35         | 21.73       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11901.989       | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16597.575       | -36.11      | -13         | Pass    | 8000        |





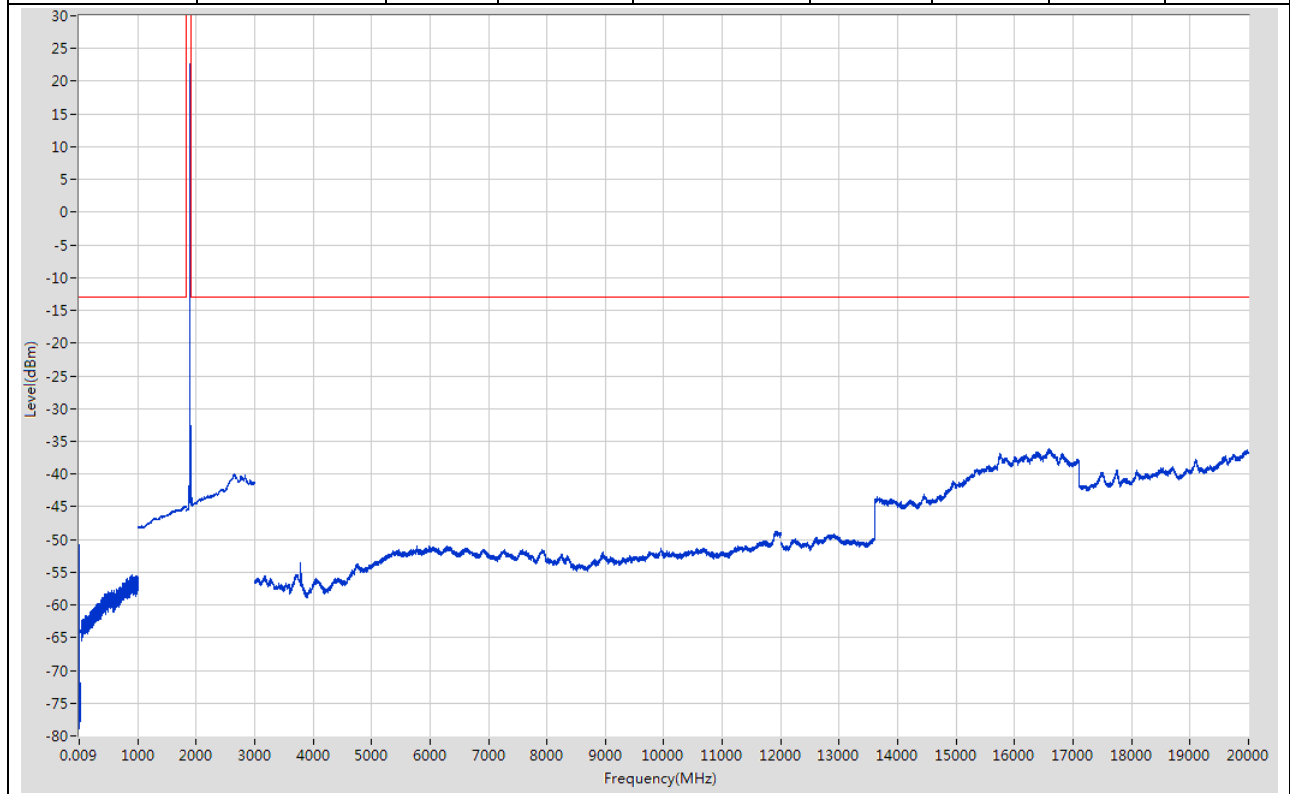
**1.56. LTE Transmitter Spurious Emissions(NTNV)(Subtest:56, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -54.04      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -50.92      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 994.499         | -55.27      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1886.7          | 21.72       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -48.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16604.576       | -36.03      | -13         | Pass    | 8000        |



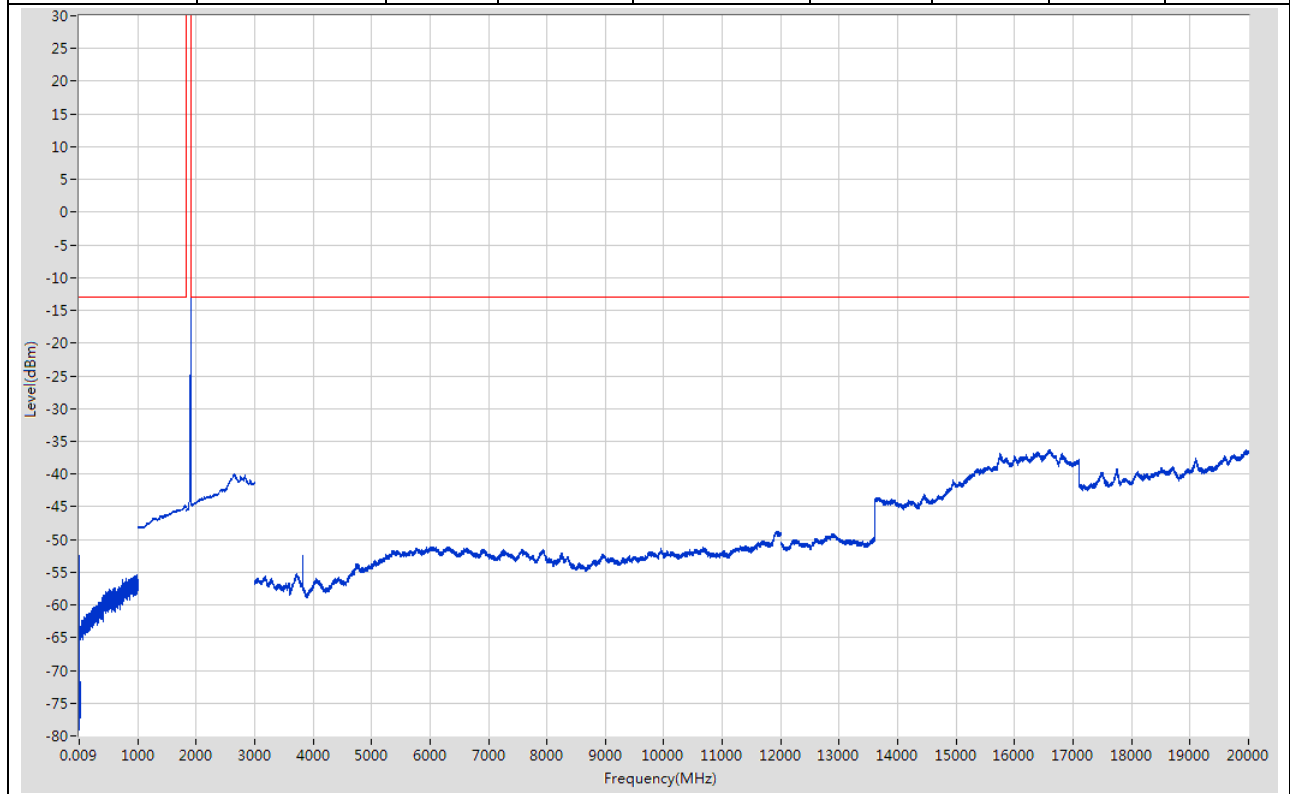
### 1.57. LTE Transmitter Spurious Emissions(NTNV)(Subtest:57, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -53.02      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.71      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.09          | -55.37      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1895.85         | 22.71       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -39.94      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11938.993       | -48.81      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16592.574       | -36.19      | -13         | Pass    | 8000        |



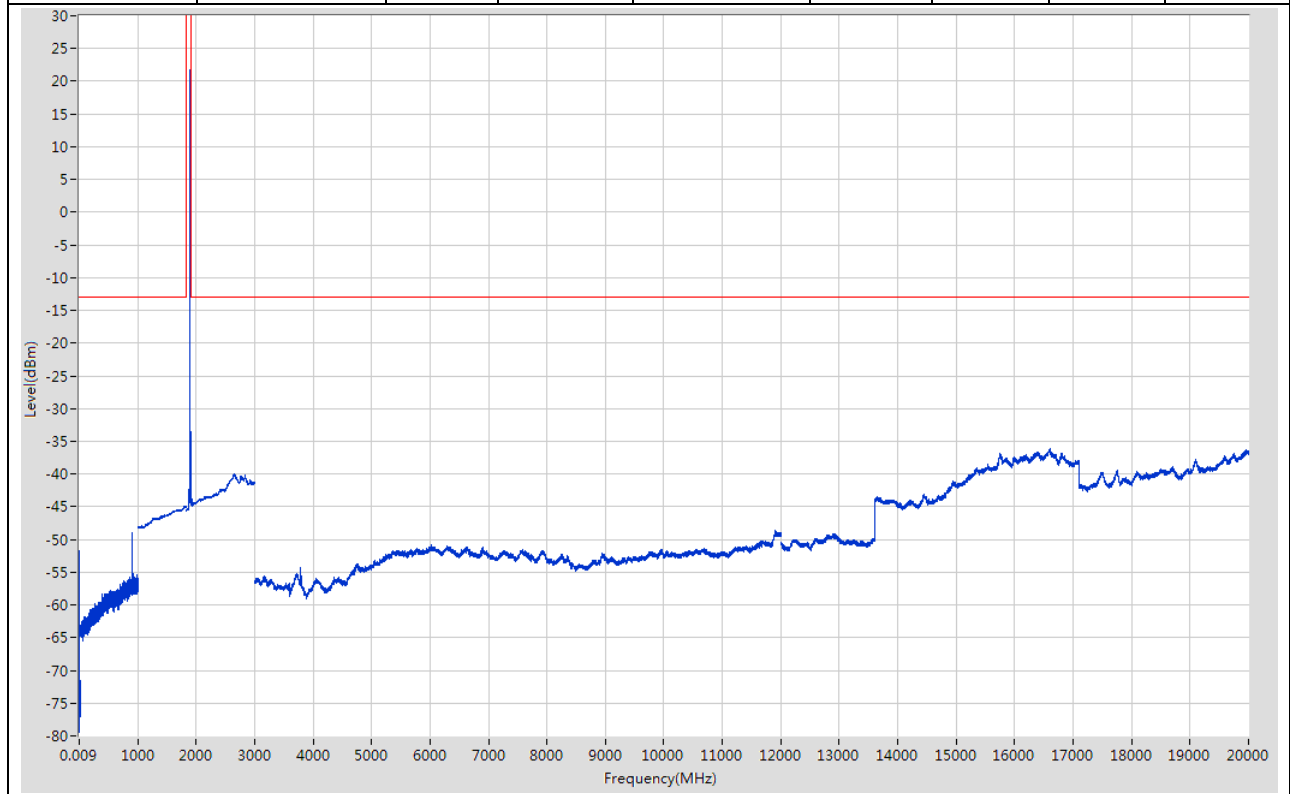
**1.58. LTE Transmitter Spurious Emissions(NTNV)(Subtest:58, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| 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           | -52.44      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -52.93      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 994.799         | -55.45      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.82      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.2          | 22.6        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.02      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11933.993       | -48.83      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16605.576       | -36.21      | -13         | Pass    | 8000        |



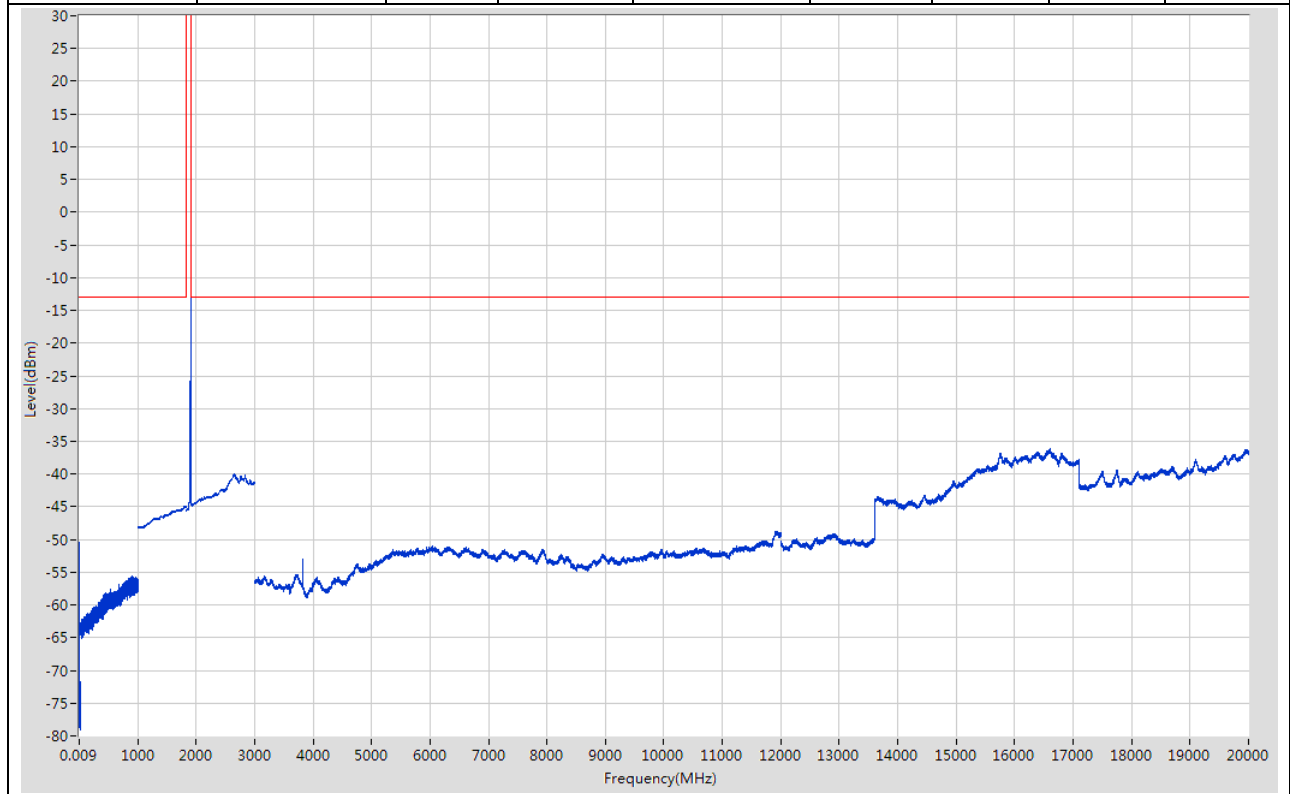
**1.59. LTE Transmitter Spurious Emissions(NTNV)(Subtest:59, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -52.84      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.76      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 907.39          | -49.02      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1821.99         | -44.9       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1895.85         | 21.81       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11905.99        | -48.62      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16598.575       | -36.1       | -13         | Pass    | 8000        |



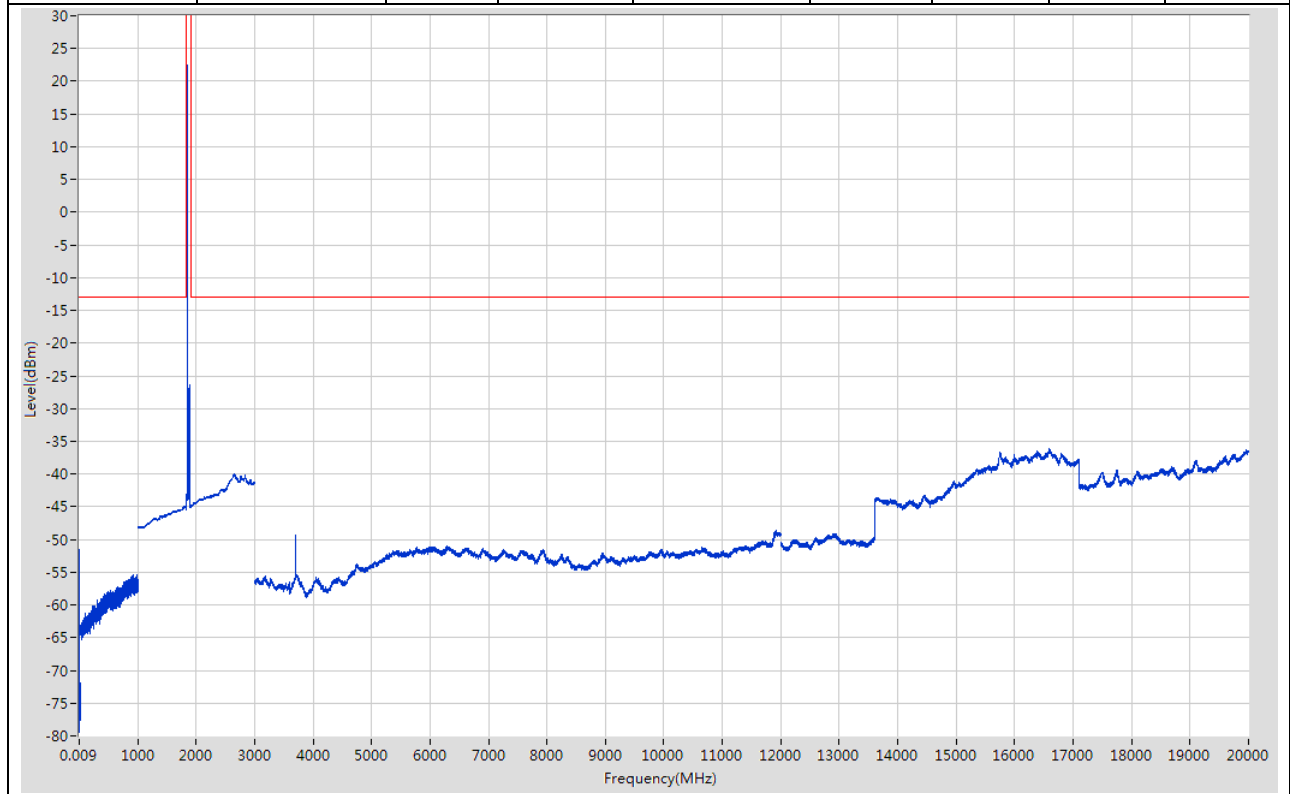
### 1.60. LTE Transmitter Spurious Emissions(NTNV)(Subtest:60, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -53.45      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.52      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 896.289         | -55.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1793.957        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.2          | 21.72       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2661.687        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11910.99        | -48.72      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16599.575       | -36.14      | -13         | Pass    | 8000        |



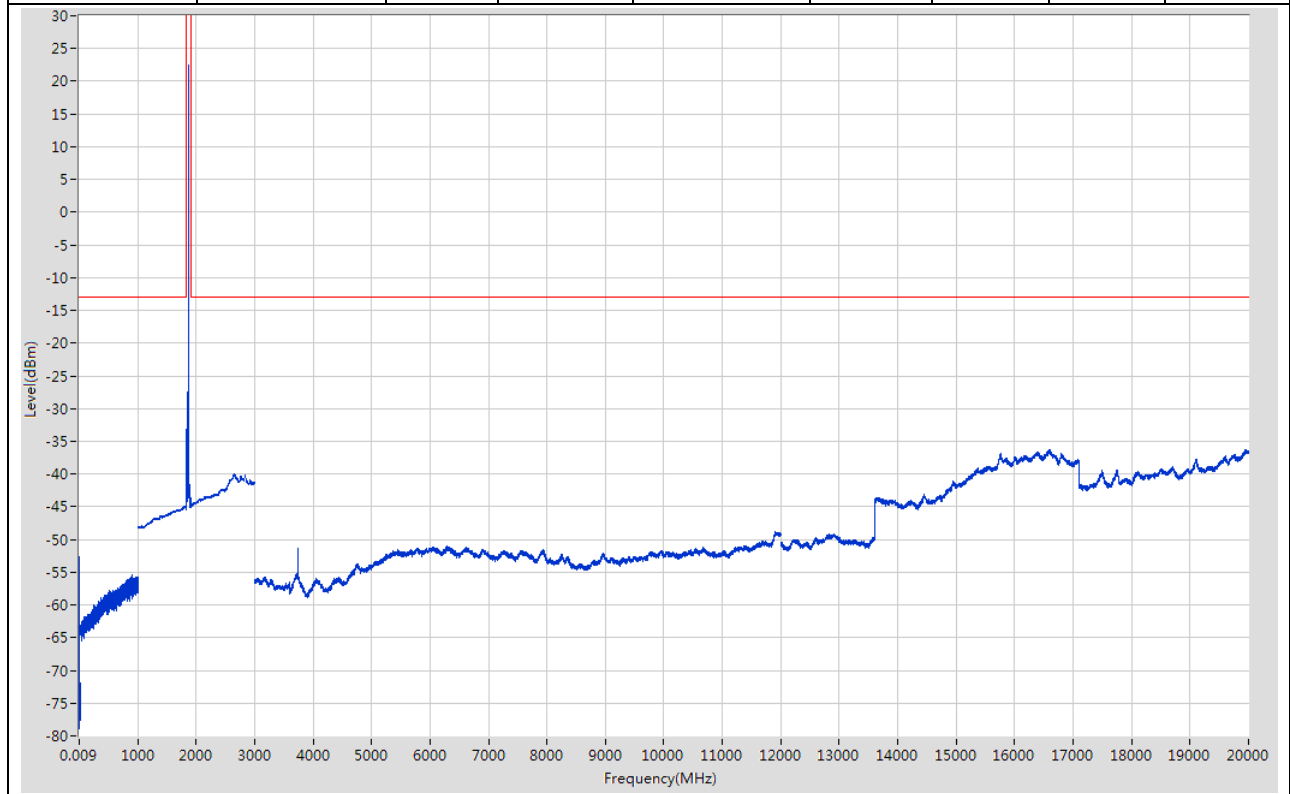
### 1.61. LTE Transmitter Spurious Emissions(NTNV)(Subtest:61, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -52.37      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.6       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 919.392         | -55.39      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1827.998        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 22.39       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -39.97      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -48.63      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.2       | -13         | Pass    | 8000        |



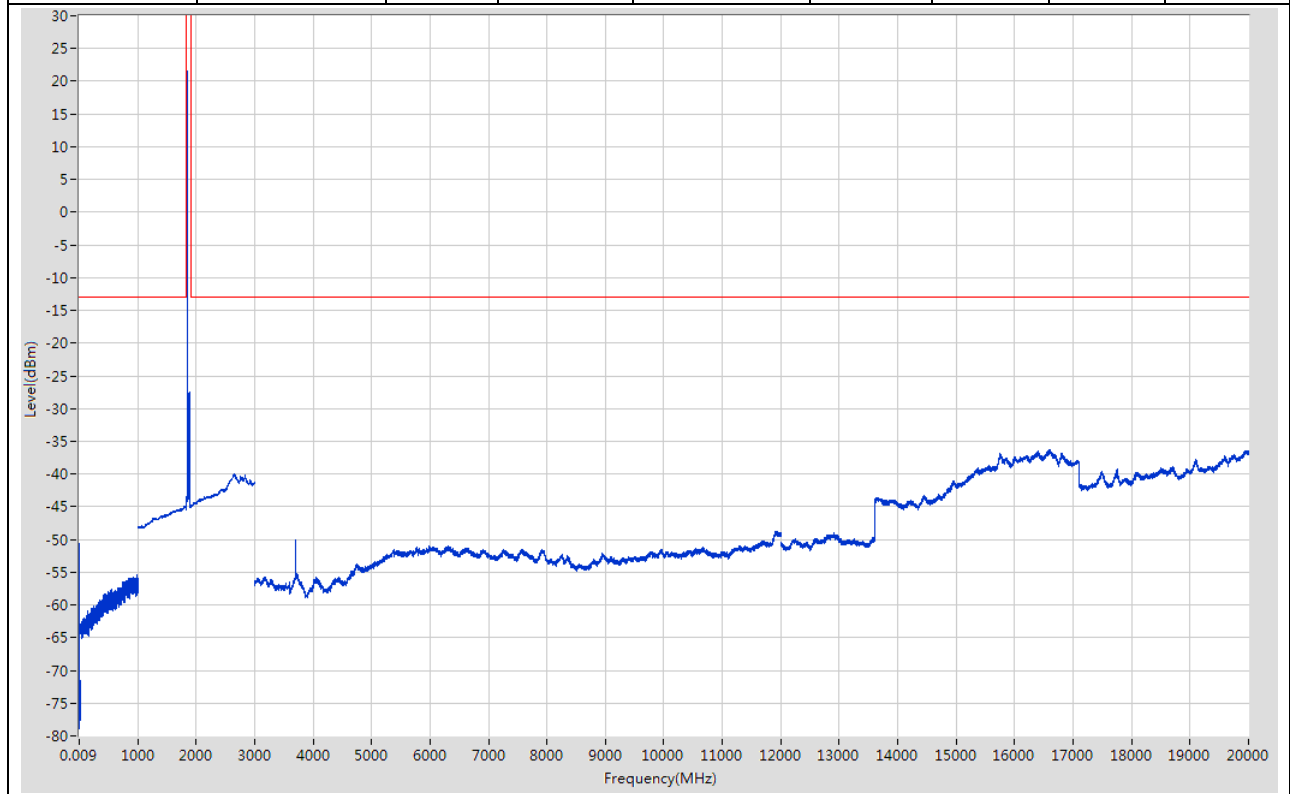
### 1.62. LTE Transmitter Spurious Emissions(NTNV)(Subtest:62, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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      | 0.011           | -53.64      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -52.64      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 896.089         | -55.45      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1828.999        | -44.9       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1868.85         | 22.42       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2655.681        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11900.989       | -48.86      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16602.575       | -36.24      | -13         | Pass    | 8000        |



### 1.63. LTE Transmitter Spurious Emissions(NTNV)(Subtest:63, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

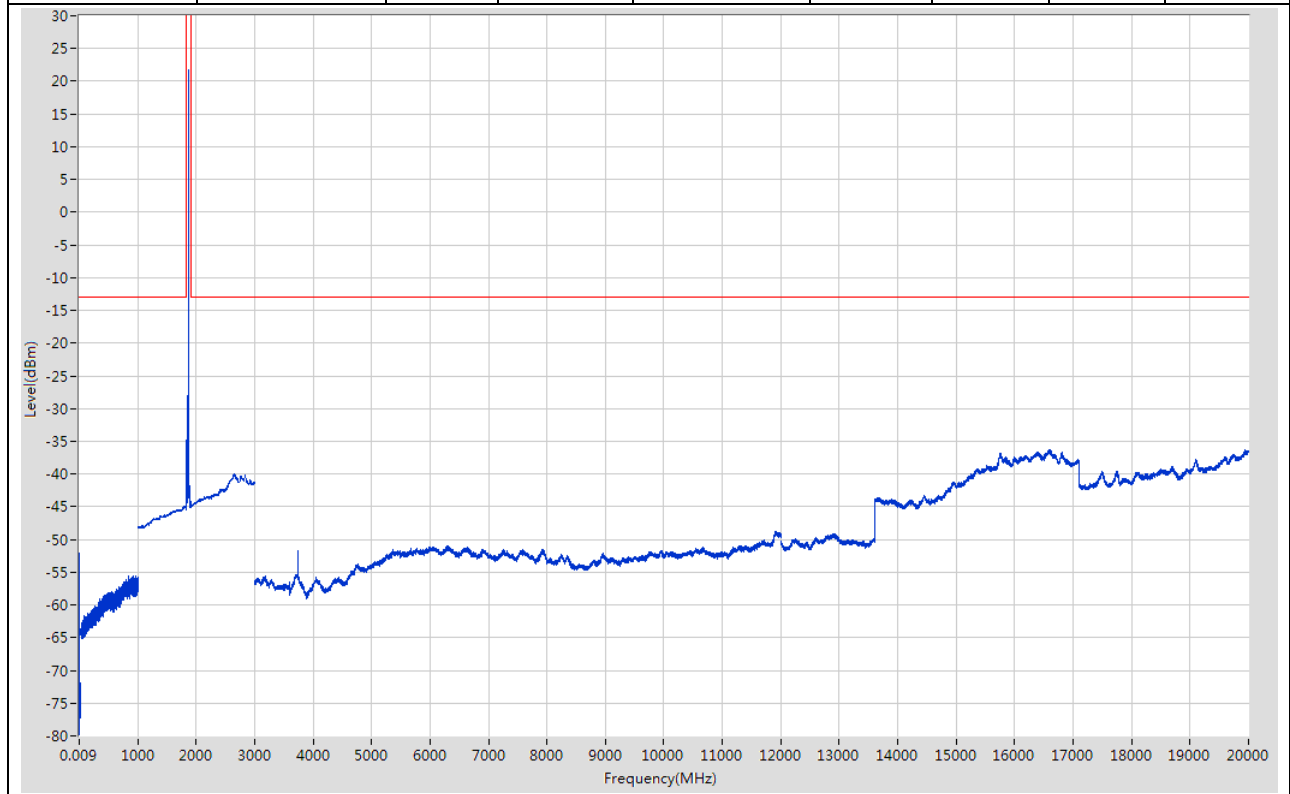
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.63      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.64      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 992.999         | -55.31      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -44.92      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 21.58       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -39.94      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11918.991       | -48.79      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.24      | -13         | Pass    | 8000        |





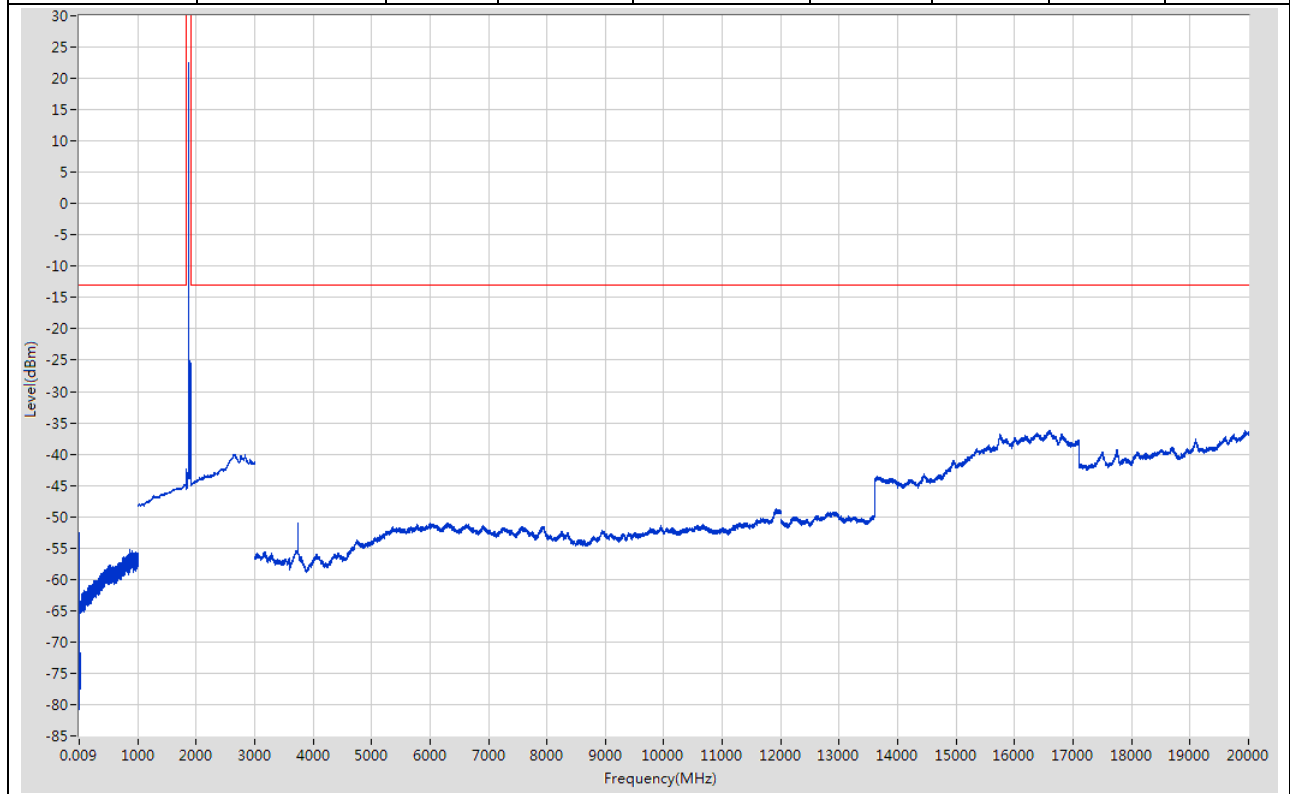
### 1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | 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            | -52.06      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 850.085         | -55.53      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1789.952        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1868.85         | 21.68       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2659.685        | -40         | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -48.72      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16604.576       | -36.23      | -13         | Pass    | 8000        |



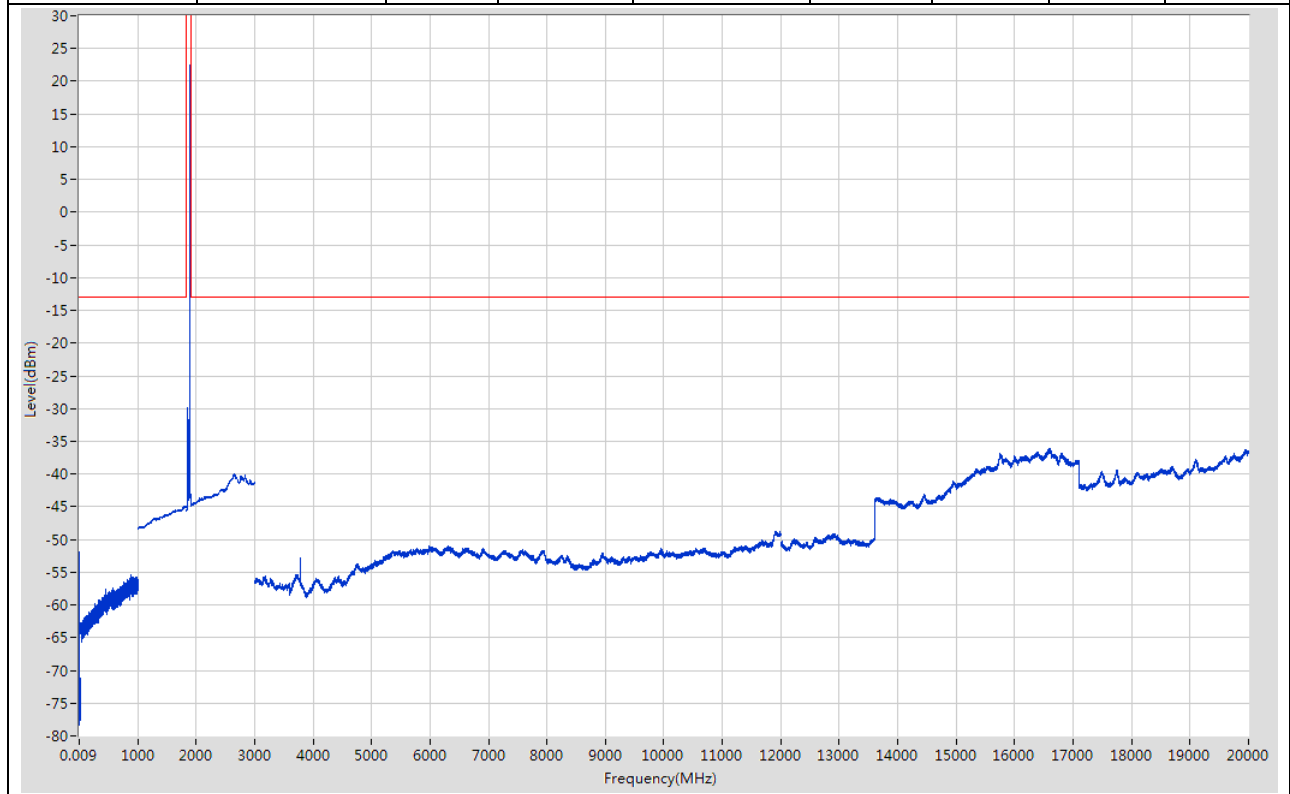
### 1.65. LTE Transmitter Spurious Emissions(NTNV)(Subtest:65, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.011           | -52.75      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -52.57      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 872.587         | -55.26      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -44.88      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1871.1          | 22.53       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11922.991       | -48.73      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.17      | -13         | Pass    | 8000        |



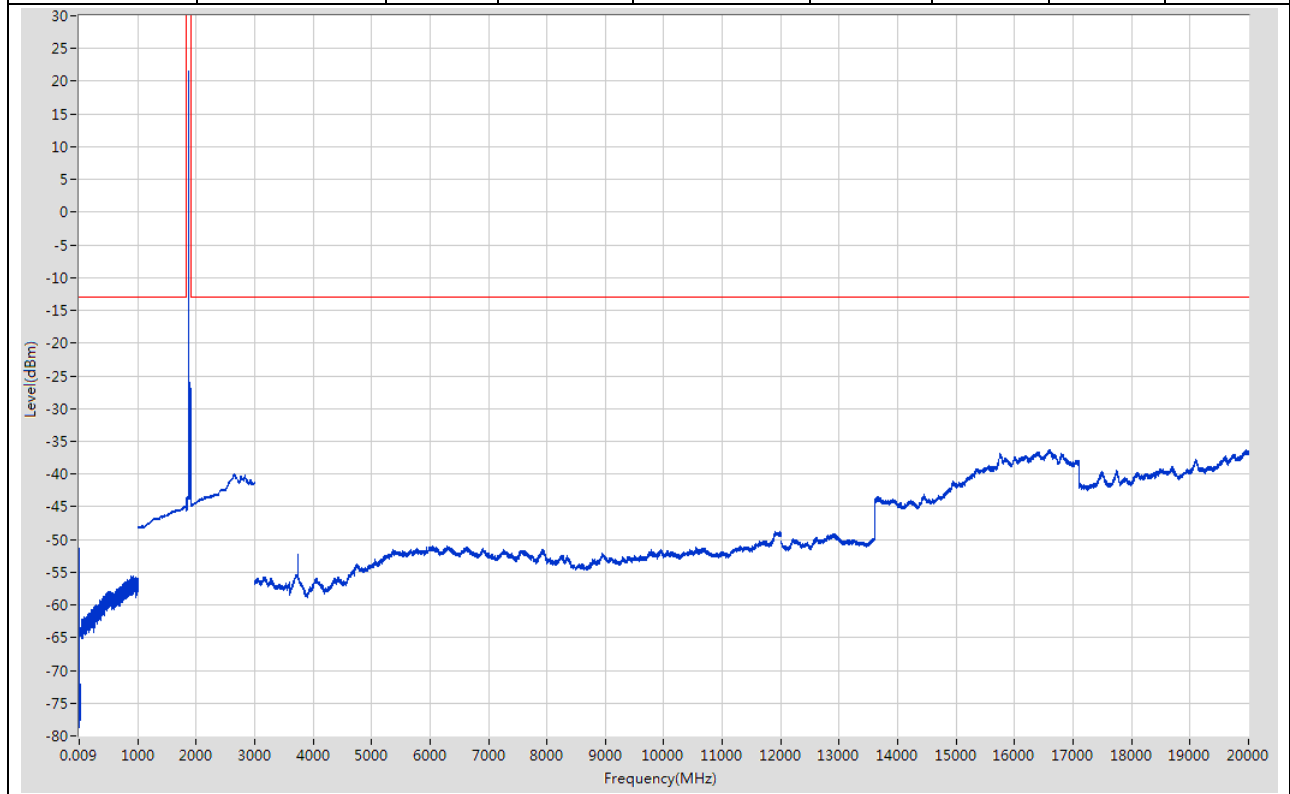
### 1.66. LTE Transmitter Spurious Emissions(NTNV)(Subtest:66, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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            | -52.16      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.85      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 893.589         | -55.38      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1888.95         | 22.46       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2654.68         | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11905.99        | -48.8       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16597.575       | -36.19      | -13         | Pass    | 8000        |



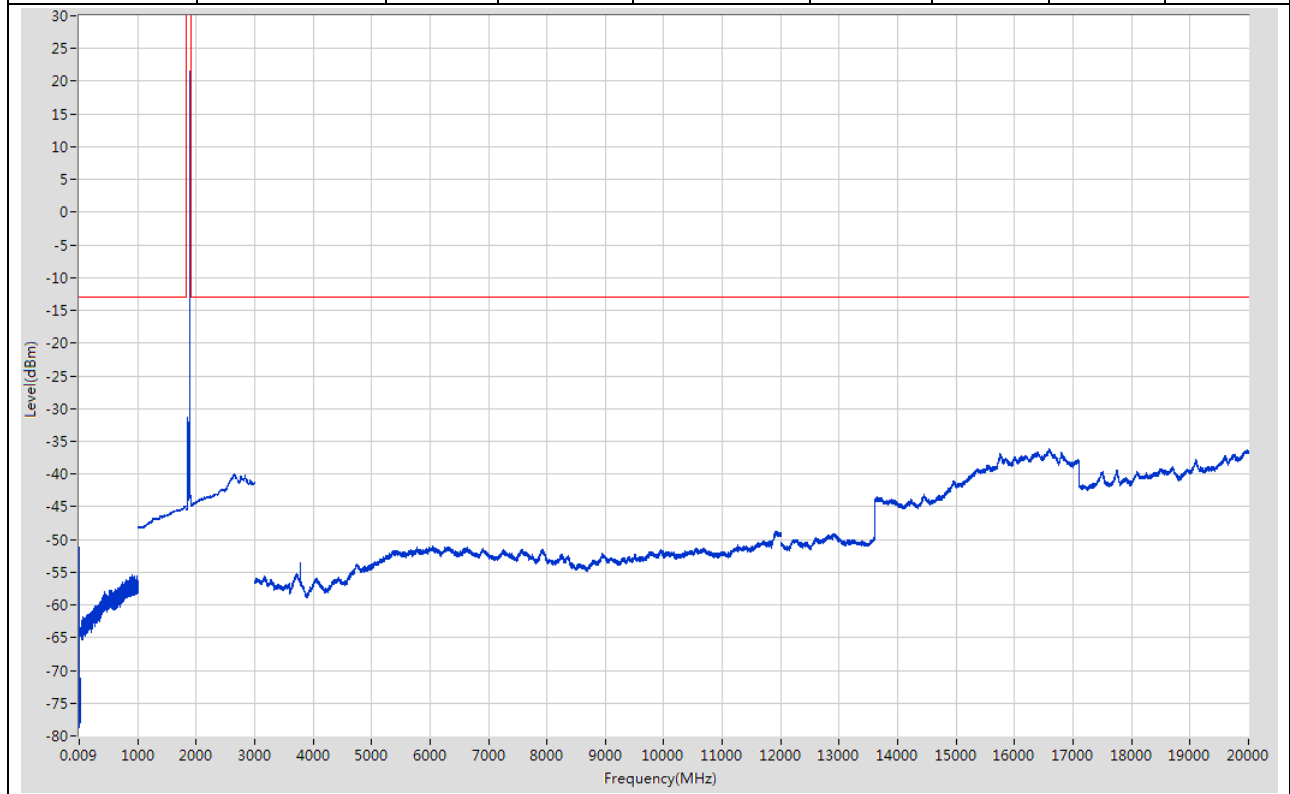
**1.67. LTE Transmitter Spurious Emissions(NTNV)(Subtest:67, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | 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            | -51.28      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.089         | -55.56      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1793.957        | -44.87      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1871.1          | 21.63       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -39.95      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11906.99        | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 19950.994       | -36.26      | -13         | Pass    | 8000        |



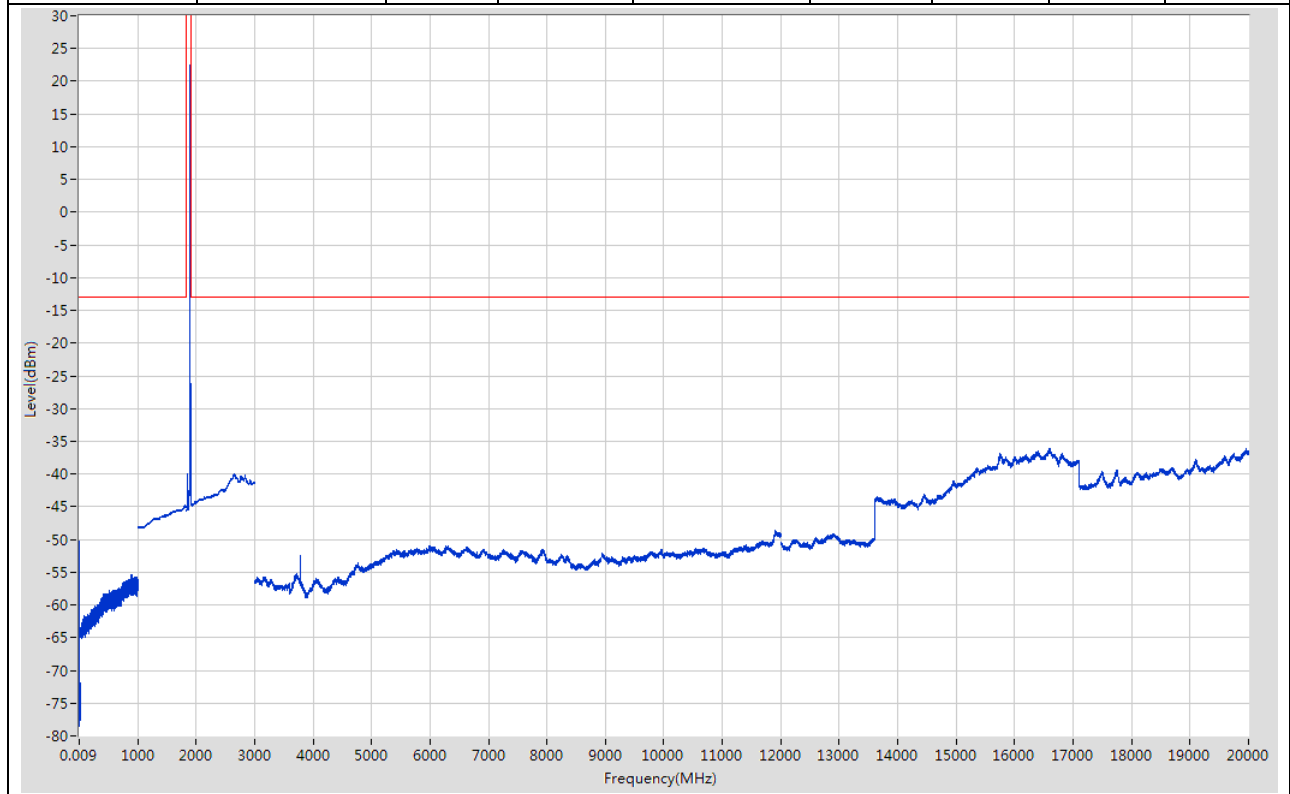
**1.68. LTE Transmitter Spurious Emissions(NTNV)(Subtest:68, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -53.17      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.13      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.489         | -55.35      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1816.984        | -44.86      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1888.95         | 21.53       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.01      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11910.99        | -48.74      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.18      | -13         | Pass    | 8000        |



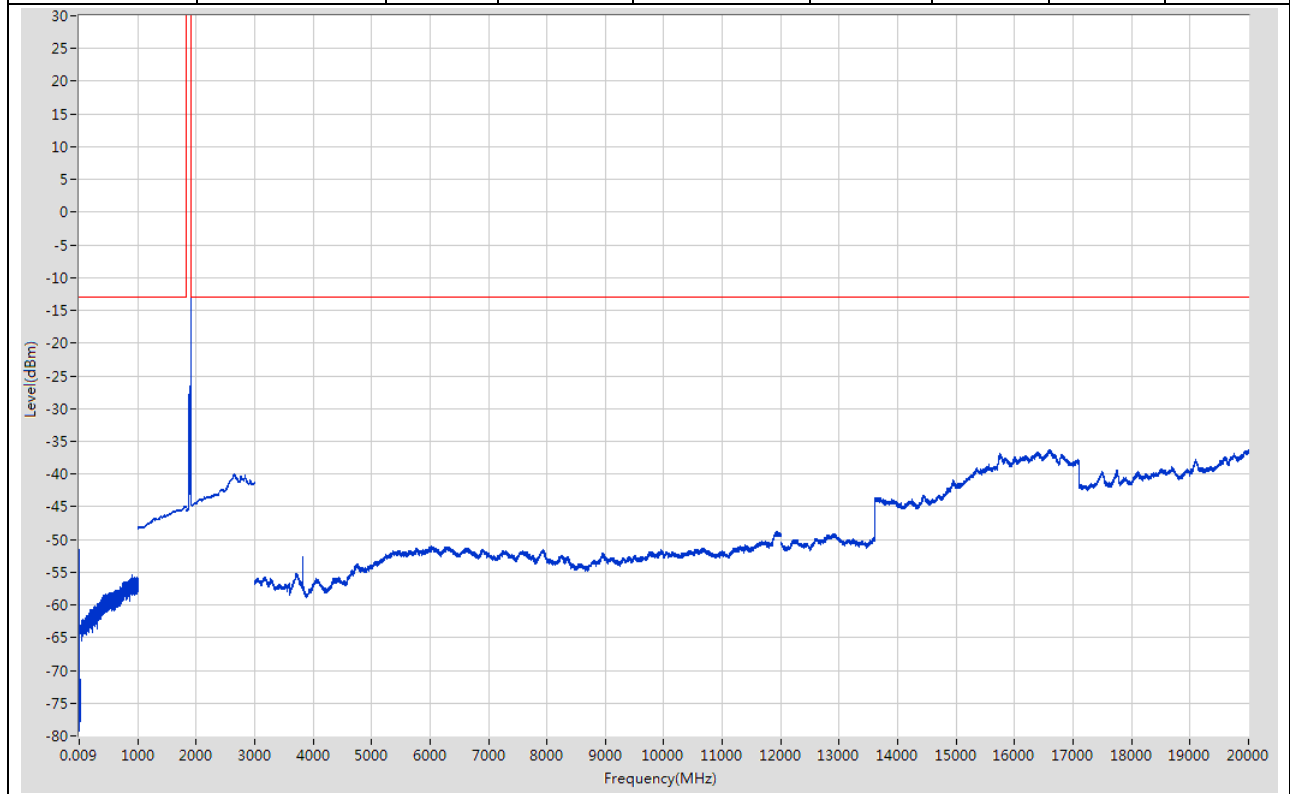
### 1.69. LTE Transmitter Spurious Emissions(NTNV)(Subtest:69, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -52.29      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.2       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 911.091         | -55.32      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -44.81      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1891.05         | 22.55       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2656.682        | -39.98      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11903.989       | -48.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16588.574       | -36.03      | -13         | Pass    | 8000        |



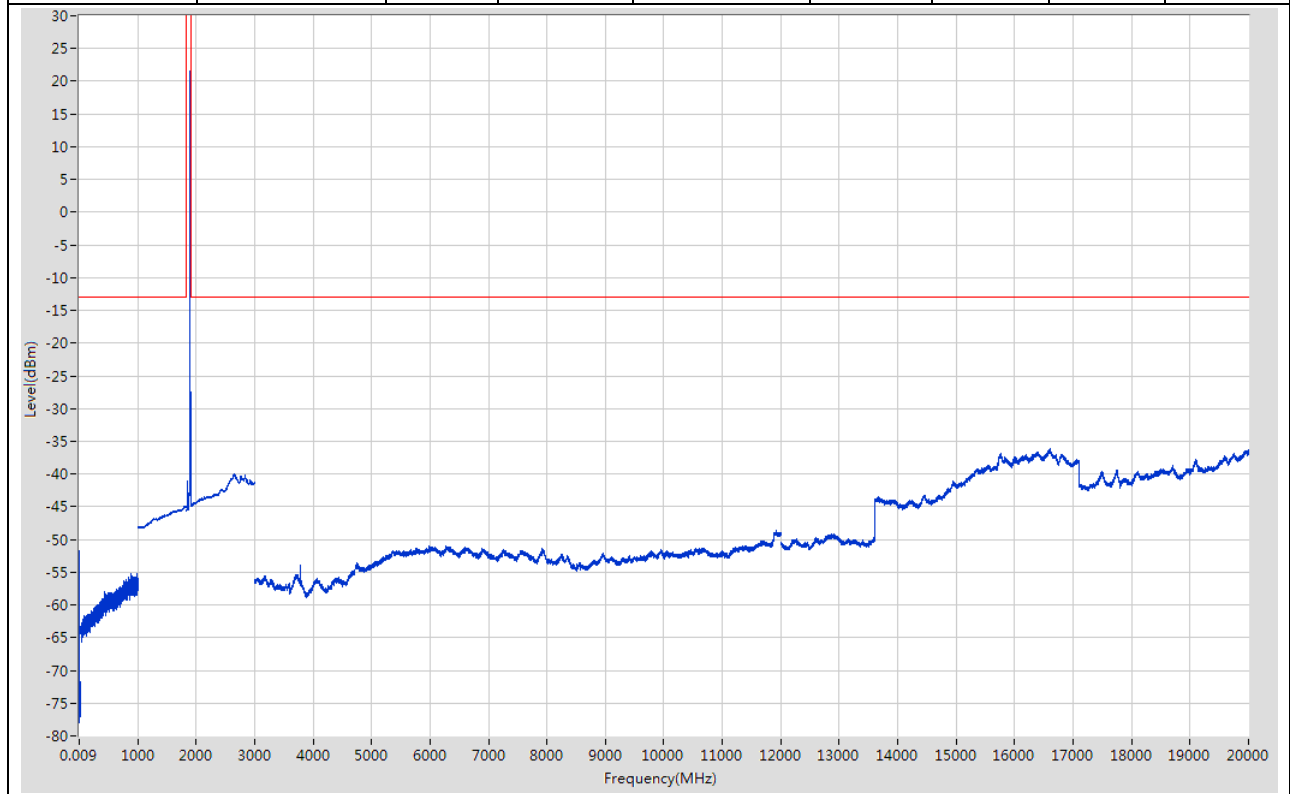
### 1.70. LTE Transmitter Spurious Emissions(NTNV)(Subtest:70, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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            | -51.79      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.6       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.39          | -55.42      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1813.981        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 22.48       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2660.686        | -39.96      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11920.991       | -48.76      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16596.575       | -36.24      | -13         | Pass    | 8000        |



### 1.71. LTE Transmitter Spurious Emissions(NTNV)(Subtest:71, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

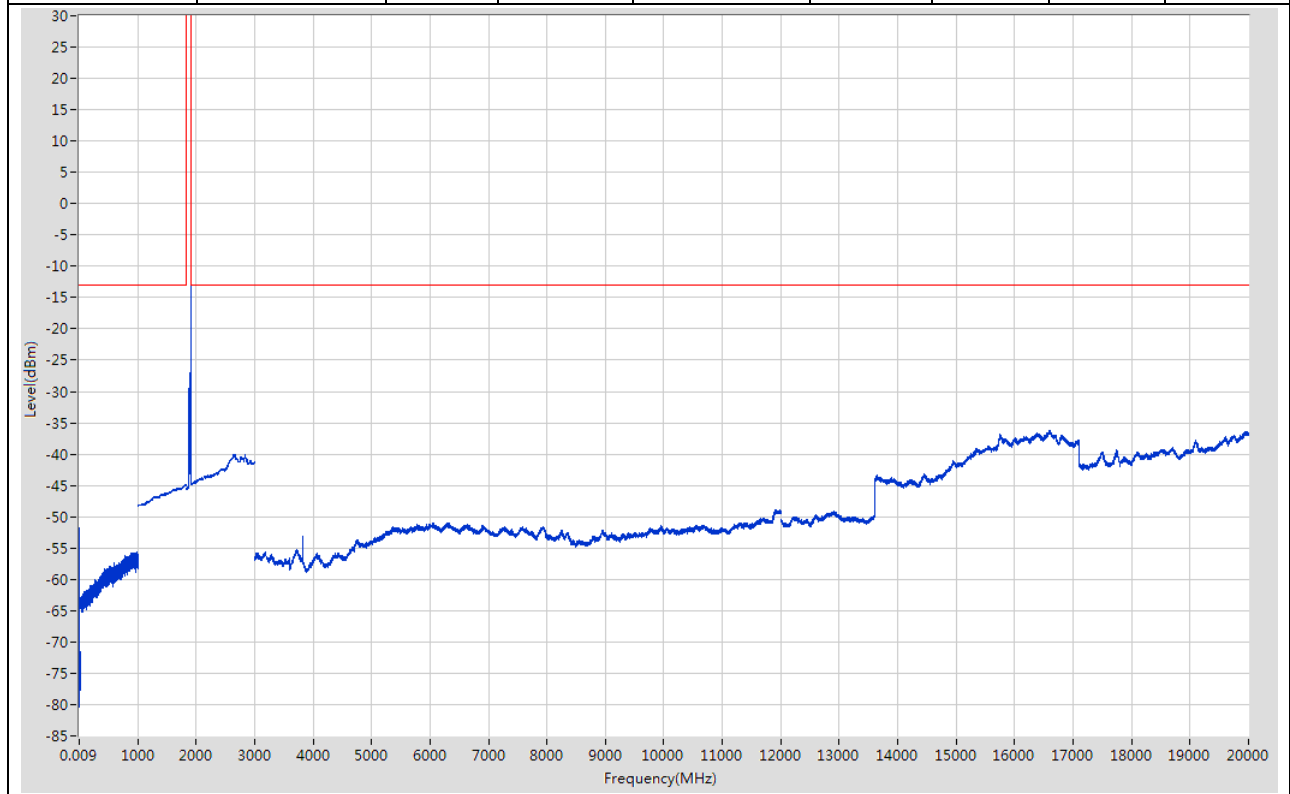
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.99      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.69      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 980.298         | -55.21      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -44.85      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1891.05         | 21.54       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2658.684        | -40.05      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11920.991       | -48.64      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16600.575       | -36.05      | -13         | Pass    | 8000        |





### 1.72. LTE Transmitter Spurious Emissions(NTNV)(Subtest:72, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -52.46      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51.84      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 979.198         | -55.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1805.971        | -44.89      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 21.51       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2657.683        | -40.03      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11906.99        | -48.82      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16587.573       | -36.27      | -13         | Pass    | 8000        |



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END