

## **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      | 0.01            | -46.95      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.68            | -35.85      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 967.497         | -54.29      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.62      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 24.22       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11310.923       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.5       | -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      | 0.01            | -47.84      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.08      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 990.499         | -54.53      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 24.17       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11297.922       | -46.61      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16645.581       | -29.54      | -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      | 0.011           | -47.97      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.69            | -33.21      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 899.79          | -54.34      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 23.6        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.68      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11300.922       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.4       | -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      | 0.01            | -48.41      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.69            | -34.3       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 930.493         | -54.33      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.62      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 23.3        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16646.581       | -29.55      | -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      | 0.009           | -48.31      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.69            | -35.24      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 961.896         | -54.54      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1879.5          | 24.16       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.64      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11147.905       | -46.51      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16651.581       | -29.52      | -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      | 0.009           | -46.71      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.9       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 877.687         | -54.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1817.986        | -43.62      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1880.4          | 24.09       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11157.906       | -46.42      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16651.581       | -29.53      | -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      | 0.01            | -48.57      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.73      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 965.896         | -54.12      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1821.99         | -43.62      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1879.5          | 23.63       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.59      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11302.923       | -46.59      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.53      | -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           | -45.66      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.78      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 970.397         | -54.65      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1880.4          | 23.59       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.65      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11147.905       | -46.43      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.54      | -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      | 0.01            | -47.38      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -31.25      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 932.593         | -54.35      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 24.28       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.65      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11153.906       | -46.58      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.59      | -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            | -47.68      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -31.61      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 982.098         | -54.43      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 24.07       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11151.906       | -46.42      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16652.582       | -29.42      | -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      | 0.012           | -48.55      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -32.69      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 919.492         | -54.27      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 23.07       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.68      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11142.905       | -46.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16646.581       | -29.34      | -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      | 0.01            | -46.72      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -32.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 974.097         | -54.23      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1816.984        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 23.17       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.59      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.5       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16638.58        | -29.58      | -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      | 0.01            | -46.84      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -34.92      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 939.994         | -54.41      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1816.984        | -43.6       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 24.18       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11145.905       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16645.581       | -29.48      | -13         | Pass    | 8000        |



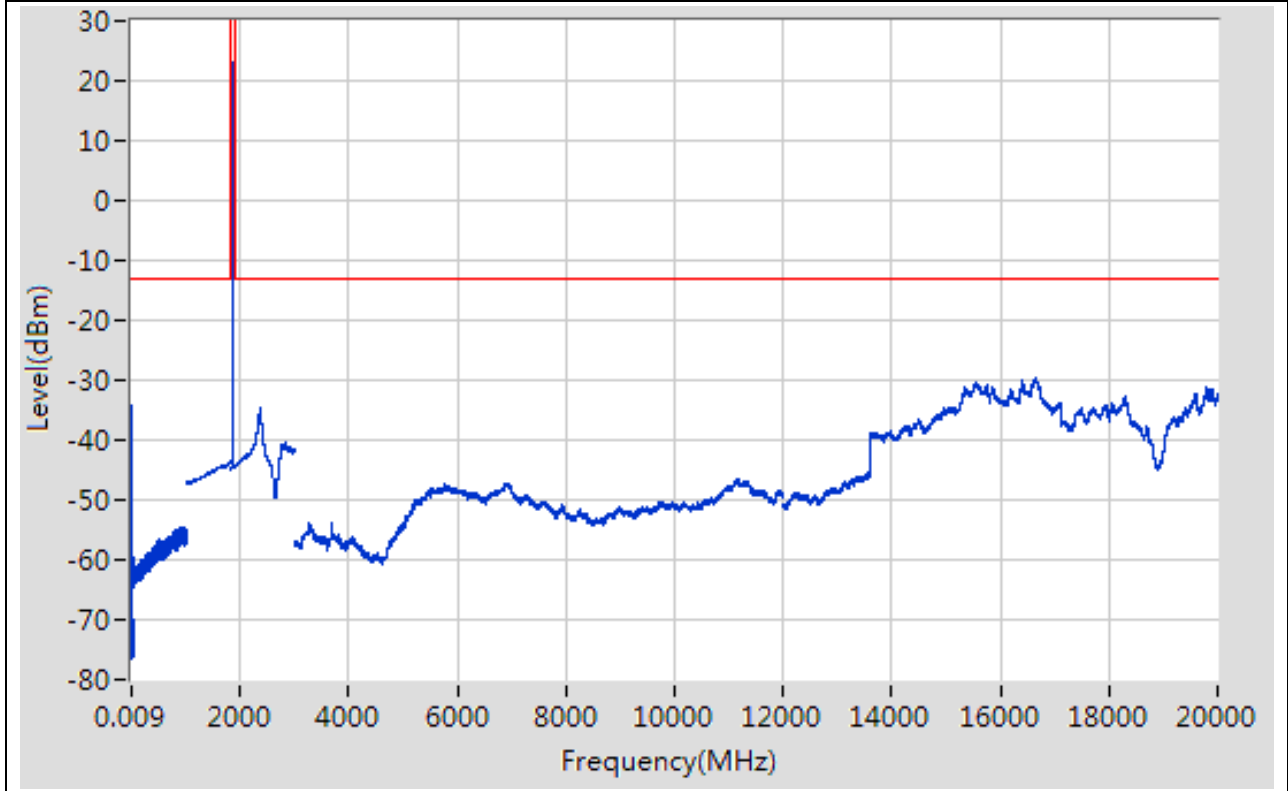
### 1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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            | -46.76      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.97      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 965.896         | -54.42      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1805.971        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1852.8          | 24.26       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.59      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11154.906       | -46.5       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16651.581       | -29.59      | -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      | 0.01            | -47.07      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -34.05      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 993.199         | -54.59      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.6       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.25         | 23.19       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11153.906       | -46.5       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16645.581       | -29.63      | -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      | 0.011           | -47.55      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.83      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 945.894         | -54.44      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1852.8          | 23.14       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.68      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11152.906       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16639.58        | -29.55      | -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      | 0.013           | -47.83      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.26      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 993.399         | -54.42      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -43.64      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1878.75         | 24.28       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11147.905       | -46.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.54      | -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      | 0.012           | -48.28      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.7             | -33.05      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.991         | -54.45      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1881.3          | 24.65       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.64      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11144.905       | -46.45      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16654.582       | -29.27      | -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      | 0.012           | -47.81      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.9       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 970.797         | -54.39      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1816.984        | -43.6       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1878.75         | 24.13       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.57      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11153.906       | -46.62      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16655.582       | -29.62      | -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      | 0.013           | -48.24      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.56      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 920.992         | -54.34      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1881.3          | 24.09       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.67      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11151.906       | -46.29      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16647.581       | -29.39      | -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      | 0.009           | -46.77      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.59      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 953.295         | -54.03      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1814.982        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1907.25         | 23.9        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.64      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11145.905       | -46.61      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16647.581       | -29.59      | -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      | 0.009           | -47.18      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.16      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 995.9           | -54.41      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 23.93       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.56      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11146.905       | -46.41      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16647.581       | -29.51      | -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            | -47.89      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.19      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.189         | -54.4       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1907.25         | 22.54       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11300.922       | -46.52      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16636.58        | -29.53      | -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            | -48.21      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.47      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.289         | -54.47      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.8          | 22.6        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.57      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.51      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16645.581       | -29.51      | -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      | 0.011           | -47.54      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.17      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 979.298         | -54.33      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.4          | 23.89       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.61      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11156.906       | -46.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.5       | -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      | 0.009           | -46.06      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.43      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.69          | -54.36      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1823.993        | -43.63      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1854.6          | 23.82       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2371.418        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11140.905       | -46.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16656.582       | -29.67      | -13         | Pass    | 8000        |



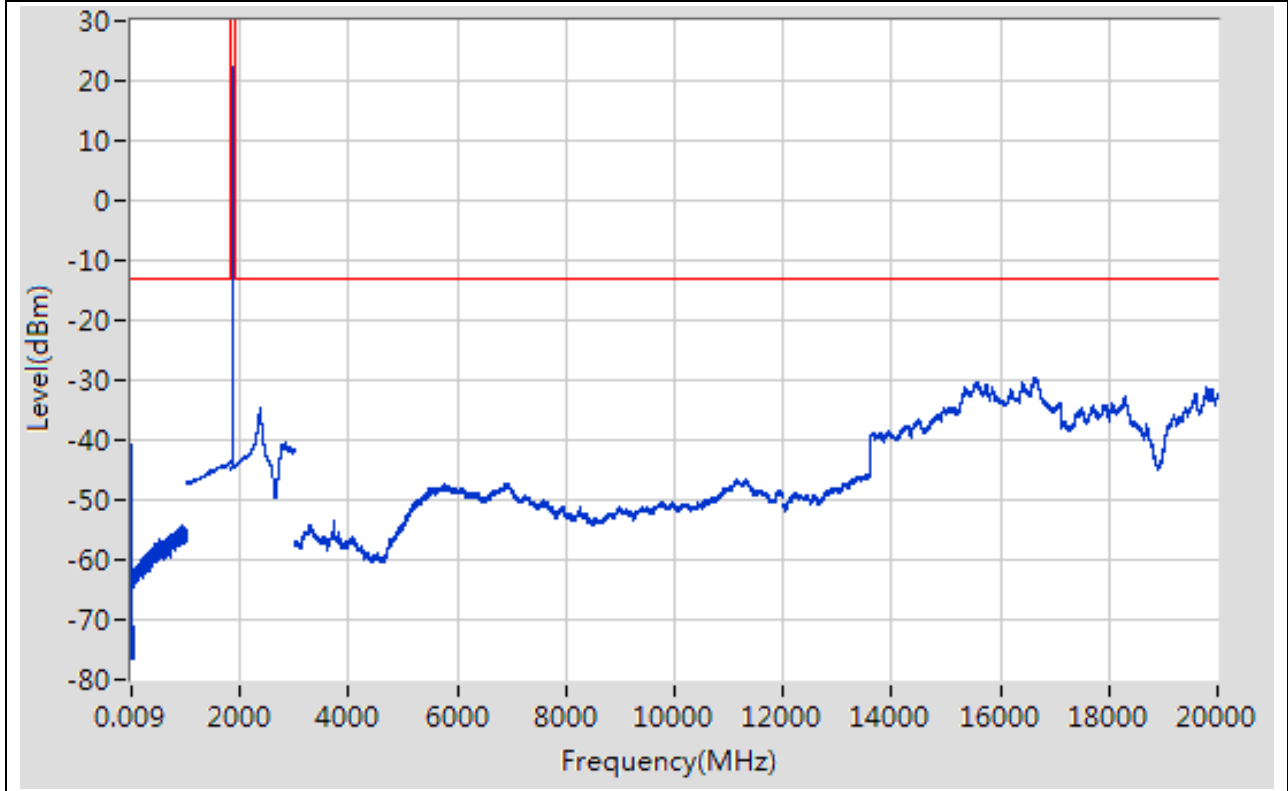
### 1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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      | 0.012           | -48.48      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.17      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 943.494         | -54.32      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1805.971        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.4          | 22.82       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.65      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11146.905       | -46.62      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16642.58        | -29.58      | -13         | Pass    | 8000        |



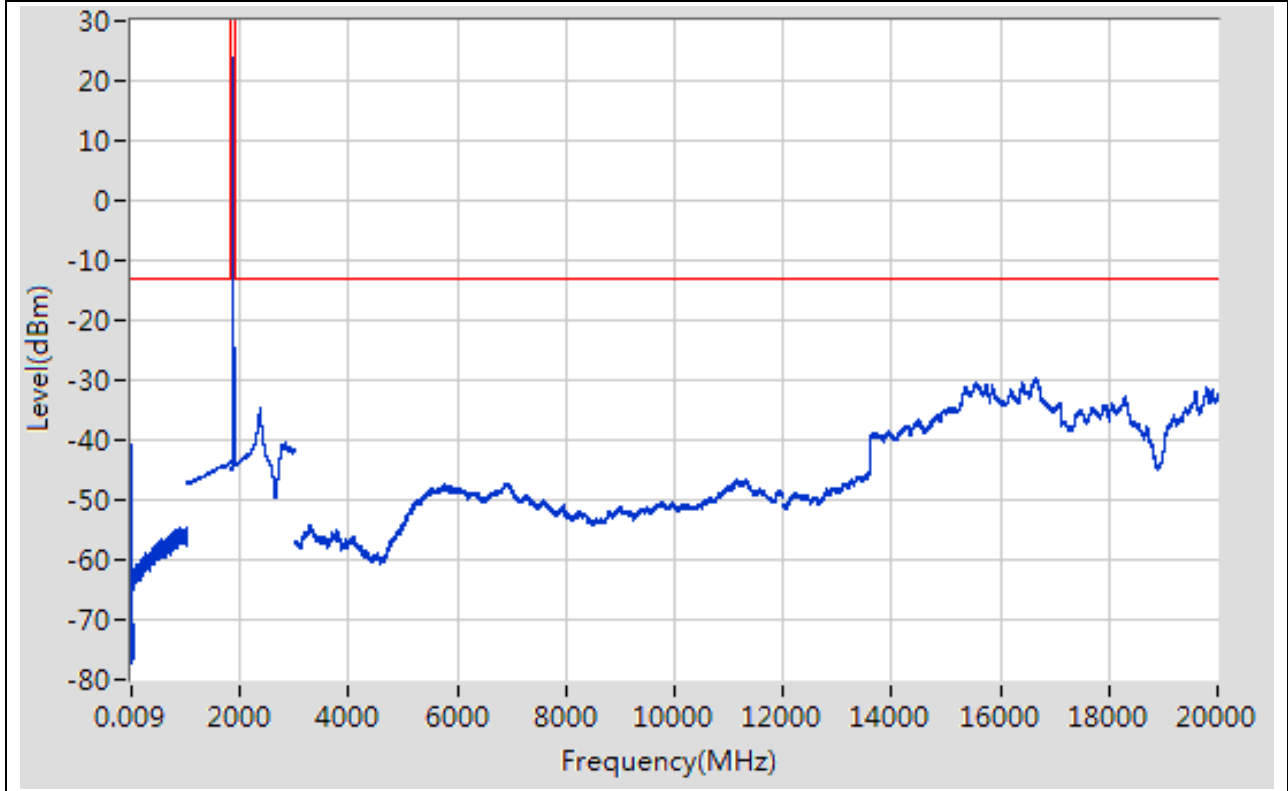
### 1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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      | 0.009           | -47.48      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.75      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 913.191         | -54.27      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1813.981        | -43.63      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1854.6          | 22.21       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11150.906       | -46.49      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16656.582       | -29.43      | -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      | 0.009           | -47.15      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.75      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998             | -54.69      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.56      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1877.85         | 23.89       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2367.414        | -34.68      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.6       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16651.581       | -29.48      | -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      | 0.01            | -46.93      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.39      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.79          | -54.23      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1882.2          | 24.39       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.59      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11141.905       | -46.55      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.4       | -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      | 0.009           | -47.05      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -42.44      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 889.389         | -54.65      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1877.85         | 23.18       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.55      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.3       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16645.581       | -29.57      | -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      | 0.011           | -48.86      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.74      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 930.993         | -54.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1882.2          | 23.35       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2367.414        | -34.7       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11166.907       | -46.61      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16646.581       | -29.41      | -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      | 0.009           | -48.23      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.32      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 928.993         | -54.38      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1813.981        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1905.3          | 23.94       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11143.905       | -46.54      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.46      | -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      | 0.011           | -48.5       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.02      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 888.388         | -54.62      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.65         | 24.09       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11154.906       | -46.44      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.41      | -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            | -46.32      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.17      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 911.591         | -54.49      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1814.982        | -43.62      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1905.3          | 22.63       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.61      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11142.905       | -46.3       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16644.581       | -29.67      | -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      | 0.01            | -47.85      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.71      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 892.589         | -54.44      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.65         | 22.77       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11145.905       | -46.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16653.582       | -29.47      | -13         | Pass    | 8000        |



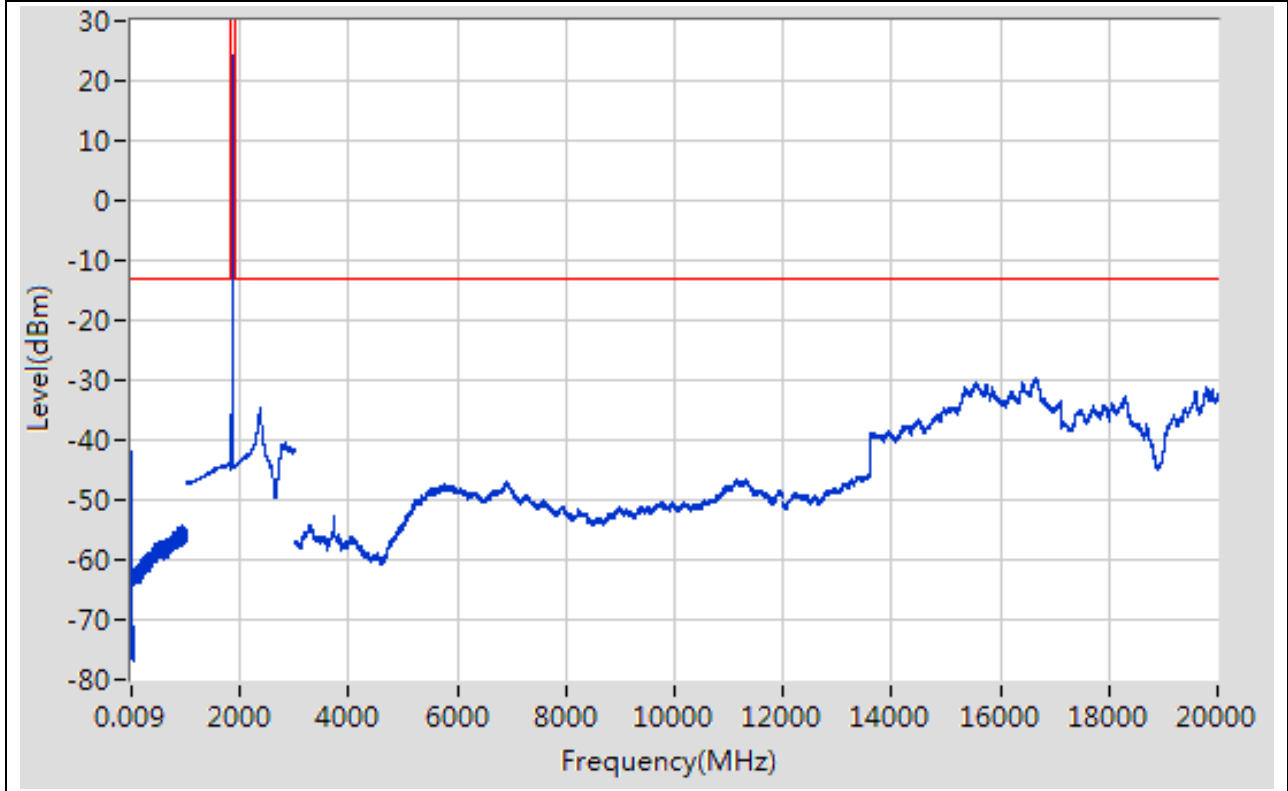
### 1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.012           | -47.83      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.89      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998.5           | -54.52      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.55         | 24.16       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11296.922       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.4       | -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           | -47.9       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.96      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 930.993         | -54.19      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1859.4          | 24.1        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.56      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11152.906       | -46.55      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16655.582       | -29.53      | -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           | -46.87      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.41      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.589         | -54.46      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1817.986        | -43.56      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.7          | 22.94       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.57      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16655.582       | -29.44      | -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      | 0.011           | -47.69      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.65      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 965.996         | -54.56      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1859.4          | 22.97       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11158.907       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16642.58        | -29.5       | -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      | 0.01            | -48.43      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.86      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 872.487         | -54.4       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1875.6          | 24.15       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.61      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11140.905       | -46.48      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.52      | -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      | 0.011           | -47.16      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.2       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 924.892         | -54.34      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.52      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1884.45         | 24.41       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11150.906       | -46.44      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16652.582       | -29.45      | -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      | 0.009           | -48.17      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.14      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 923.292         | -54.35      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1817.986        | -43.61      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1875.6          | 23.05       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.45      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.52      | -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            | -47.19      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.47      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 977.898         | -54.47      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1817.986        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1884.45         | 23.16       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2367.414        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11154.906       | -46.52      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16652.582       | -29.56      | -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            | -48.35      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.1       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 921.692         | -54.4       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1900.65         | 24.18       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.53      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11146.905       | -46.59      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16646.581       | -29.6       | -13         | Pass    | 8000        |



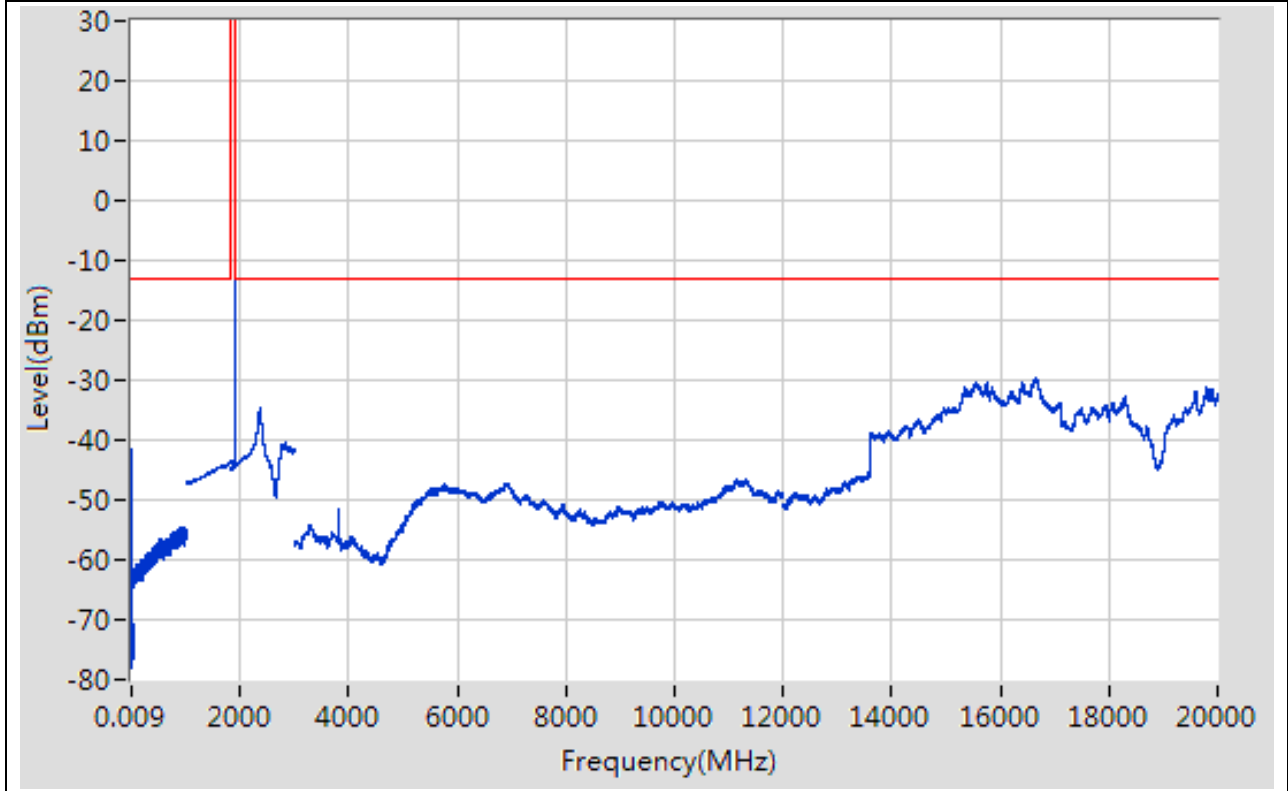
#### 1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -47.03      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.61      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 903.89          | -54.56      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.56      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.35         | 24.16       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11312.924       | -46.45      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16647.581       | -29.59      | -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      | 0.01            | -46.86      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.6       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 903.89          | -54.55      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1900.65         | 23.04       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.55      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.66      | -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           | -47.31      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.3       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.49          | -54.65      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1805.971        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.5          | 22.78       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16644.581       | -29.35      | -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           | -46.17      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.32      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 924.092         | -54.23      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.85         | 24.1        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.61      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11300.922       | -46.51      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16639.58        | -29.58      | -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      | 0.009           | -47.34      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.03      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 941.194         | -54.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1864.2          | 24.03       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.6       | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11147.905       | -46.49      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16651.581       | -29.63      | -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      | 0.01            | -47.39      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.65      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 924.692         | -54.2       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1824.994        | -43.64      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1850.85         | 22.52       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2368.415        | -34.61      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.52      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16652.582       | -29.57      | -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      | 0.009           | -46.28      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.91      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.89          | -54.29      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1864.2          | 22.99       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2367.414        | -34.57      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11150.906       | -46.34      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.42      | -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      | 0.009           | -47.59      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.29      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 996.5           | -53.86      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1823.993        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1873.35         | 24.17       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11145.905       | -46.46      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.53      | -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      | 0.009           | -46.85      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.92      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 914.691         | -54.41      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1816.984        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1886.7          | 24.04       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2366.413        | -34.64      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.5       | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16644.581       | -29.52      | -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            | -48.21      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.96      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 869.287         | -54.4       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1808.975        | -43.6       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1873.35         | 22.9        | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.59      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11300.922       | -46.52      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16647.581       | -29.53      | -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      | 0.009           | -48.58      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -41.56      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 949.295         | -54.44      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1817.986        | -43.6       | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1886.7          | 23.04       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.49      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11299.922       | -46.41      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16647.581       | -29.52      | -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      | 0.009           | -48.75      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.61      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.389         | -54.38      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1895.85         | 24.57       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.46      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16652.582       | -29.4       | -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           | -48.02      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.73      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 918.792         | -54.51      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1815.983        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.2          | 24.32       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.65      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11138.904       | -46.58      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16643.58        | -29.5       | -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      | 0.009           | -48         | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.52      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 987.699         | -54.5       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1820.989        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1896            | 23.01       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.56      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11141.905       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16643.58        | -29.53      | -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      | 0.011           | -48.54      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -40.45      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 980.798         | -54.46      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1909.2          | 23.16       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11151.906       | -46.63      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16642.58        | -29.57      | -13         | Pass    | 8000        |



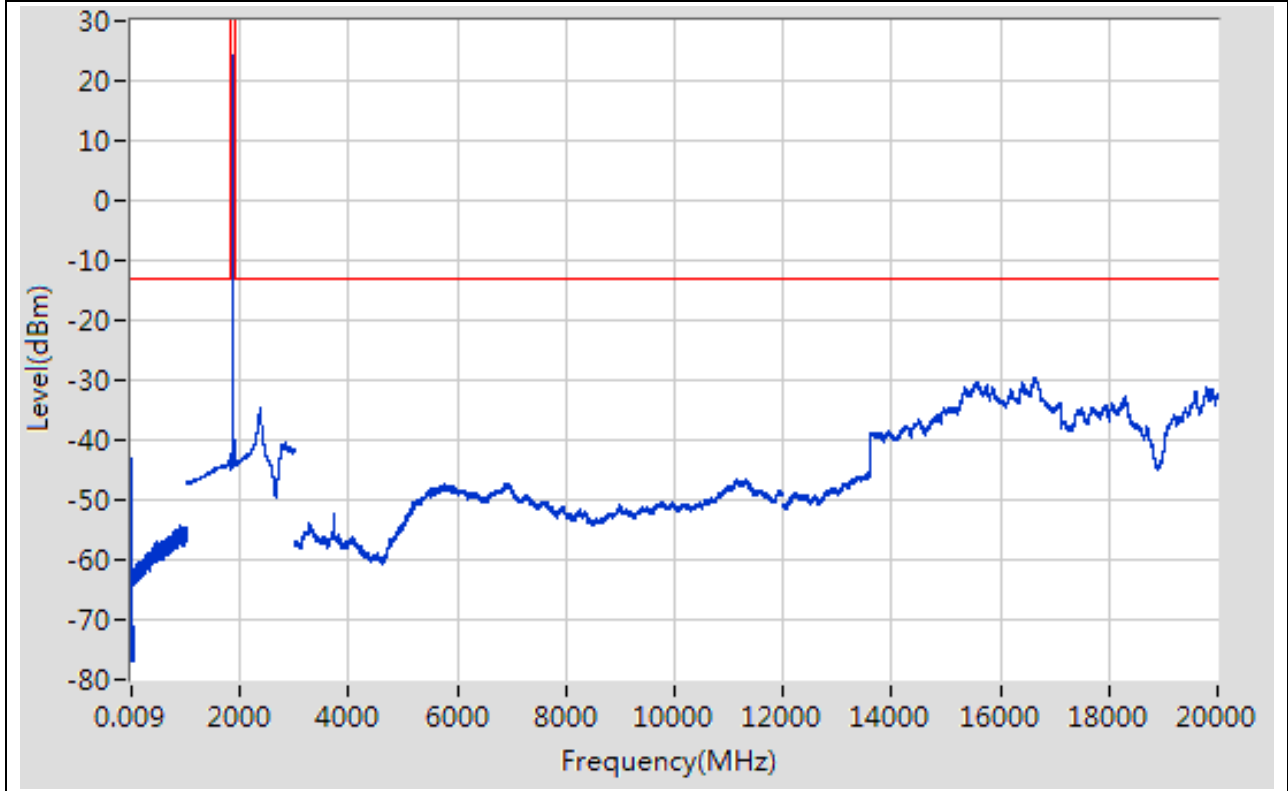
### 1.61. LTE Transmitter Spurious Emissions(NTNV)(Subtest:61, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.009           | -47.12      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.96      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 887.988         | -54.12      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1807.973        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 23.97       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2367.414        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.55      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.52      | -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      | 0.009           | -47.22      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -43.04      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 874.787         | -54.41      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1814.982        | -43.58      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1869            | 24.29       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.57      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11142.905       | -46.58      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.47      | -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      | 0.01            | -46.3       | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41         | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 899.39          | -54.46      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1851.15         | 23.51       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.56      | -13         | Pass    | 8000        |



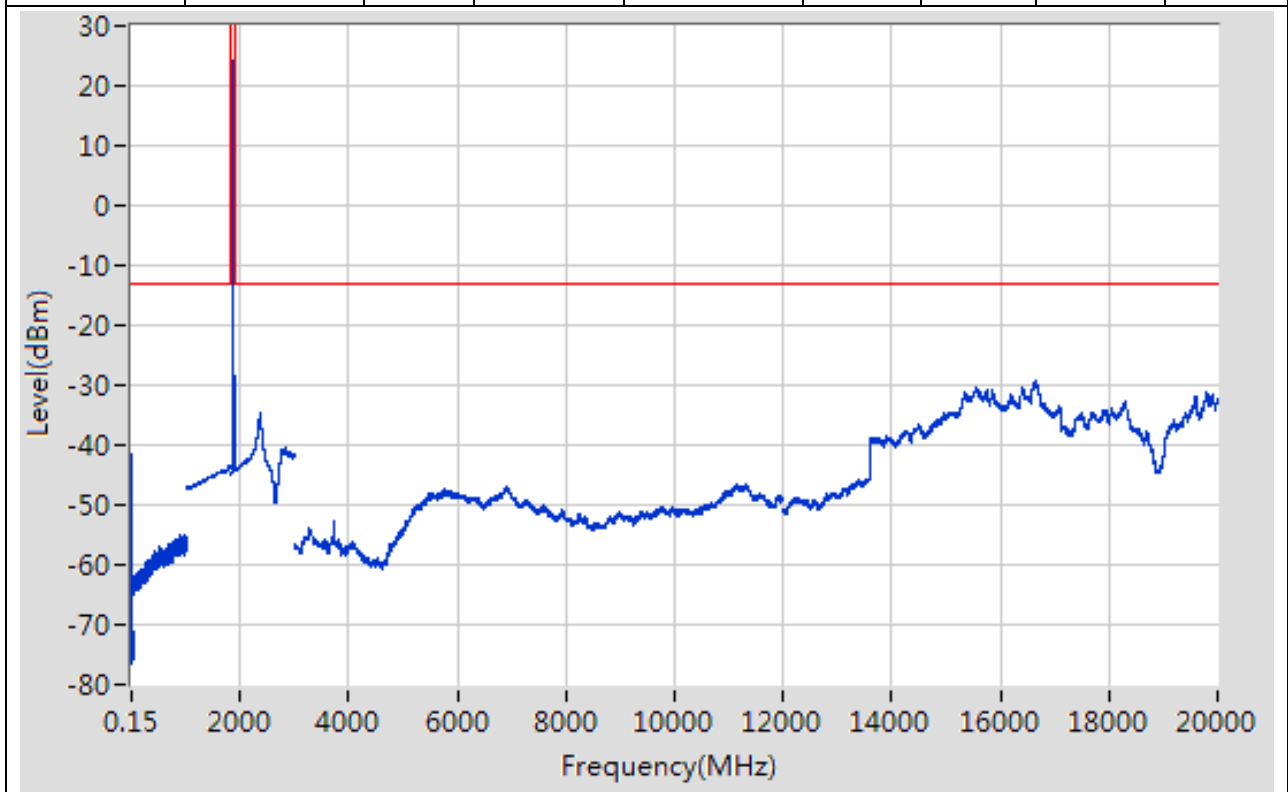
### 1.64. LTE Transmitter Spurious Emissions(NTNV)(Subtest:64, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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            | -48.09      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.38      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 981.198         | -54.4       | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.54      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1868.85         | 23.59       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.65      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11304.923       | -46.55      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16646.581       | -29.62      | -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 |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.7       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 978.098         | -54.91      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.53      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1871.1          | 24.29       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.65      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11162.907       | -46.51      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16652.582       | -29.41      | -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      | 0.009           | -48.05      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -42.13      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 906.49          | -55.06      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1806.972        | -43.56      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1888.95         | 23.96       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.53      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11152.906       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.29      | -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            | -46.86      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.25      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 931.793         | -54.98      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1812.979        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1871.1          | 23.93       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.55      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11151.906       | -46.54      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16648.581       | -29.62      | -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      | 0.01            | -47.05      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.62      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 970.097         | -55.05      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1815.983        | -43.59      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1888.95         | 23.74       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2370.417        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11157.906       | -46.38      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16656.582       | -29.49      | -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 |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -42.39      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 892.289         | -55         | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1817.986        | -43.54      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1891.05         | 24.35       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.54      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11149.906       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16649.581       | -29.49      | -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            | -47.68      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -39.97      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 923.892         | -55.27      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1809.976        | -43.55      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.9          | 24.02       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.63      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11144.905       | -46.43      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16653.582       | -29.56      | -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      | 0.01            | -47.68      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -41.41      | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 890.289         | -55.13      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1810.977        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1891.05         | 23.62       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.62      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11326.925       | -46.56      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16650.581       | -29.41      | -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      | 0.01            | -48.56      | -13         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -42.2       | -13         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 932.393         | -55.01      | -13         | Pass    | 9700        |
| 1000                  | 1830                 | 1         | RMS      | 1811.978        | -43.57      | -13         | Pass    | 830         |
| 1830                  | 1920                 | 1         | RMS      | 1908.75         | 23.38       | 60          | Pass    | 601         |
| 1920                  | 3000                 | 1         | RMS      | 2369.416        | -34.58      | -13         | Pass    | 1080        |
| 3000                  | 12000                | 1         | RMS      | 11148.905       | -46.53      | -13         | Pass    | 9000        |
| 12000                 | 20000                | 1         | RMS      | 16651.581       | -29.53      | -13         | Pass    | 8000        |



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END