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## Annex C. LTE Transmitter Spurious Emissions

## 1. LTE\_Band7

### 1.1. LTE Transmitter Spurious Emissions(NTNV)(Subtest:1, Channel:20775, 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           | -50.49      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.21      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 903.59          | -54.58      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2417.952        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.35         | 24.42       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2841.1          | -38.02      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11904.989       | -45.15      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25936.996       | -28.57      | -25         | Pass    | 14000       |



## 1.2. LTE Transmitter Spurious Emissions(NTNV)(Subtest:2, Channel:20775, 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           | -50.37      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.6       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 908.391         | -54.41      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2460.981        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2504.7          | 24.33       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11904.989       | -45.13      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25974.998       | -28.68      | -25         | Pass    | 14000       |



### 1.3. LTE Transmitter Spurious Emissions(NTNV)(Subtest:3, Channel:20775, 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           | -49.42      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.32      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.89          | -54.46      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2422.955        | -39.42      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.35         | 23.48       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.97      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -45.07      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25974.998       | -28.52      | -25         | Pass    | 14000       |



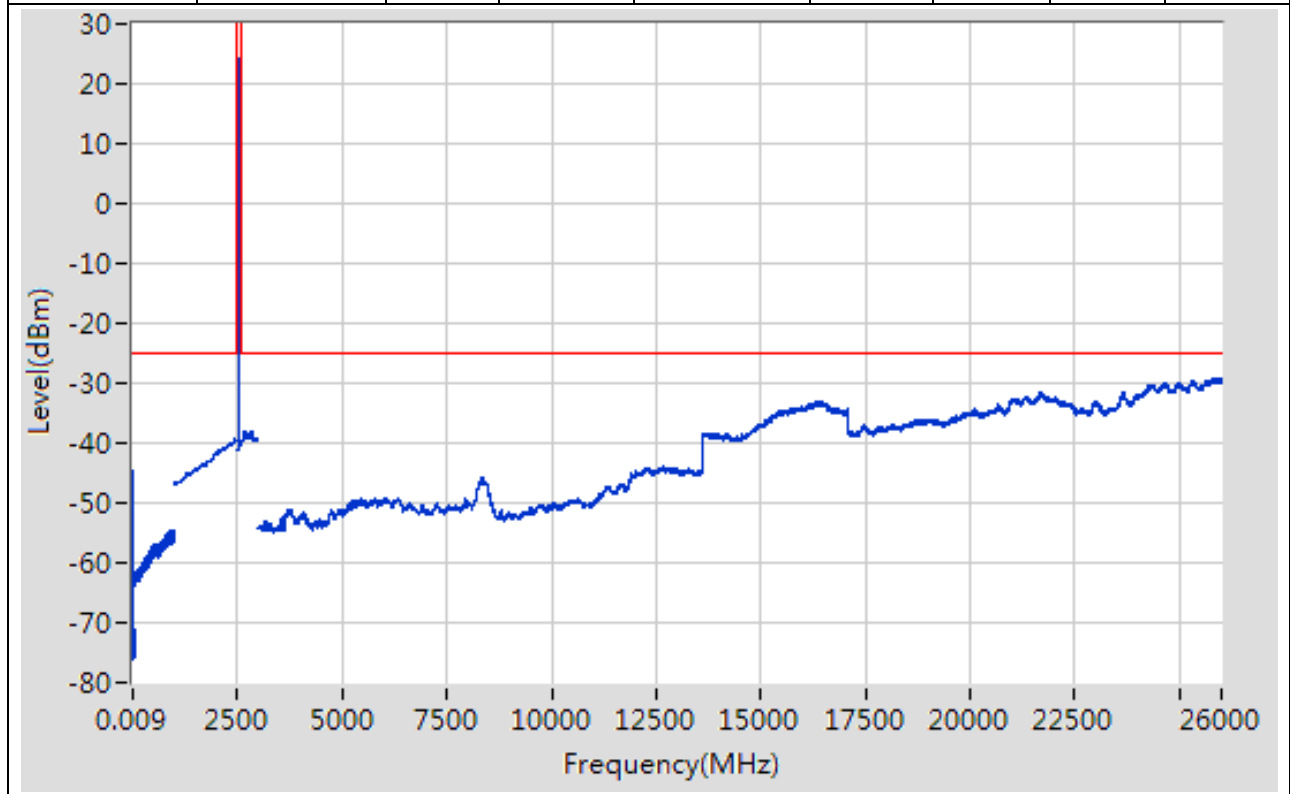
#### 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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           | -50.28      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -46.32      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 910.691         | -54.49      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2417.952        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2504.7          | 23.41       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.96      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11902.989       | -45.07      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25962.997       | -28.47      | -25         | Pass    | 14000       |



### 1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:21100, 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           | -50.35      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.77      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 975.497         | -54.53      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2420.954        | -39.41      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2532.9          | 24.36       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.99      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11910.99        | -45.19      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -29.17      | -25         | Pass    | 14000       |



### 1.6. LTE Transmitter Spurious Emissions(NTNV)(Subtest:6, Channel:21100, 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           | -49.76      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.38      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 954.695         | -54.36      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2420.954        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2537.1          | 24.37       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.94      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11900.989       | -45.16      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25977.998       | -28.46      | -25         | Pass    | 14000       |



### 1.7. LTE Transmitter Spurious Emissions(NTNV)(Subtest:7, Channel:21100, 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            | -50.2       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.88      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 984.298         | -54.25      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2466.985        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2532.9          | 23.5        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -45.17      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25968.998       | -28.44      | -25         | Pass    | 14000       |





### 1.8. LTE Transmitter Spurious Emissions(NTNV)(Subtest:8, Channel:21100, 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            | -51.02      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.94      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.389         | -54.53      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2419.953        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2537.1          | 23.55       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.95      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -45.05      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25974.998       | -28.53      | -25         | Pass    | 14000       |



### 1.9. LTE Transmitter Spurious Emissions(NTNV)(Subtest:9, Channel:21425, 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           | -50.35      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.9       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 999.7           | -54.59      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2455.977        | -39.46      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2565.45         | 24.3        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.95      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11898.989       | -45.18      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25934.995       | -28.58      | -25         | Pass    | 14000       |



### 1.10. LTE Transmitter Spurious Emissions(NTNV)(Subtest:10, Channel:21425, 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           | -49.92      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -45.85      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 903.09          | -54.48      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2452.975        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.65         | 24.12       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.95      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11901.989       | -45.17      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25982.999       | -28.55      | -25         | Pass    | 14000       |



### 1.11. LTE Transmitter Spurious Emissions(NTNV)(Subtest:11, Channel:21425, 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           | -50.53      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.38      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 961.196         | -54.32      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2473.989        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2565.3          | 23.71       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -45.06      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25995           | -28.62      | -25         | Pass    | 14000       |



### 1.12. LTE Transmitter Spurious Emissions(NTNV)(Subtest:12, Channel:21425, 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            | -50.76      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -45.2       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 987.799         | -54.03      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2450.974        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.65         | 23.62       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -45.15      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25915.994       | -28.56      | -25         | Pass    | 14000       |



### 1.13. LTE Transmitter Spurious Emissions(NTNV)(Subtest:13, Channel:20800, 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            | -50.15      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -46.31      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 914.991         | -54.53      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -37.05      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.65         | 24.42       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.96      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -45.08      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25974.998       | -28.6       | -25         | Pass    | 14000       |



#### 1.14. LTE Transmitter Spurious Emissions(NTNV)(Subtest:14, Channel:20800, 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           | -50.02      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.98      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 972.797         | -54.48      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -39.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2509.35         | 24.34       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11906.99        | -45.01      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -28.41      | -25         | Pass    | 14000       |



### 1.15. LTE Transmitter Spurious Emissions(NTNV)(Subtest:15, Channel:20800, 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           | -50.07      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.43      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 966.797         | -54.45      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -37.57      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.65         | 23.64       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.97      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -45.02      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -28.46      | -25         | Pass    | 14000       |





### 1.16. LTE Transmitter Spurious Emissions(NTNV)(Subtest:16, Channel:20800, 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           | -50.69      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.8       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 994.899         | -54.57      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -39.42      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2509.5          | 23.51       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.99      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -45.04      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25941.996       | -28.5       | -25         | Pass    | 14000       |



### 1.17. LTE Transmitter Spurious Emissions(NTNV)(Subtest:17, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -50.01      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.59      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 980.898         | -54.32      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2425.957        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2530.65         | 24.35       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -45.12      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25973.998       | -28.55      | -25         | Pass    | 14000       |



### 1.18. LTE Transmitter Spurious Emissions(NTNV)(Subtest:18, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -49.83      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.2       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.19          | -54.54      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2424.956        | -39.41      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2539.35         | 24.49       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38.01      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11901.989       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25954.997       | -28.56      | -25         | Pass    | 14000       |



### 1.19. LTE Transmitter Spurious Emissions(NTNV)(Subtest:19, Channel:21100, 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      | 0.011           | -50.62      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.15      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.39          | -54.42      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2425.957        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2530.65         | 23.41       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11912.99        | -45.06      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25952.997       | -28.52      | -25         | Pass    | 14000       |



### 1.20. LTE Transmitter Spurious Emissions(NTNV)(Subtest:20, Channel:21100, 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           | -50.65      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.74      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 984.198         | -54.51      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2419.953        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2539.35         | 23.53       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2841.1          | -38.02      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11912.99        | -45.07      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25318.951       | -28.49      | -25         | Pass    | 14000       |



### 1.21. LTE Transmitter Spurious Emissions(NTNV)(Subtest:21, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -50.32      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.39      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 983.898         | -54.47      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2460.981        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2560.65         | 24.42       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -38.01      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -45.05      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25980.999       | -28.57      | -25         | Pass    | 14000       |



### 1.22. LTE Transmitter Spurious Emissions(NTNV)(Subtest:22, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -50.75      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.75      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 970.197         | -54.39      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2463.983        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.35         | 24.18       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -36.49      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -45.11      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25980.999       | -28.56      | -25         | Pass    | 14000       |



### 1.23. LTE Transmitter Spurious Emissions(NTNV)(Subtest:23, Channel:21400, 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           | -50.36      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.34      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 918.092         | -54.58      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2447.972        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2560.65         | 23.6        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.96      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -45.12      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25956.997       | -28.49      | -25         | Pass    | 14000       |





### 1.24. LTE Transmitter Spurious Emissions(NTNV)(Subtest:24, Channel:21400, 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           | -49.69      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45         | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 999             | -54.27      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2461.981        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.35         | 23.56       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -37.51      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25970.998       | -28.54      | -25         | Pass    | 14000       |



### 1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -50.68      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -43.72      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 933.293         | -54.5       | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -33.54      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.8          | 24.4        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.98      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11899.989       | -45.18      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25955.997       | -28.55      | -25         | Pass    | 14000       |



### 1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:20825, 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           | -49.42      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.97      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 960.896         | -54.51      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -27.86      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2514.15         | 24.4        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.94      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11915.991       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25966.998       | -28.48      | -25         | Pass    | 14000       |



### 1.27. LTE Transmitter Spurious Emissions(NTNV)(Subtest:27, Channel:20825, 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           | -49.57      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.46      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 907.39          | -54.43      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -34.91      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.8          | 23.51       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11912.99        | -45.16      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25988.999       | -28.6       | -25         | Pass    | 14000       |



### 1.28. LTE Transmitter Spurious Emissions(NTNV)(Subtest:28, Channel:20825, 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           | -49.74      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.83      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.491         | -54.28      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -28.99      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2514.15         | 23.62       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.99      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11913.99        | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25951.997       | -28.53      | -25         | Pass    | 14000       |



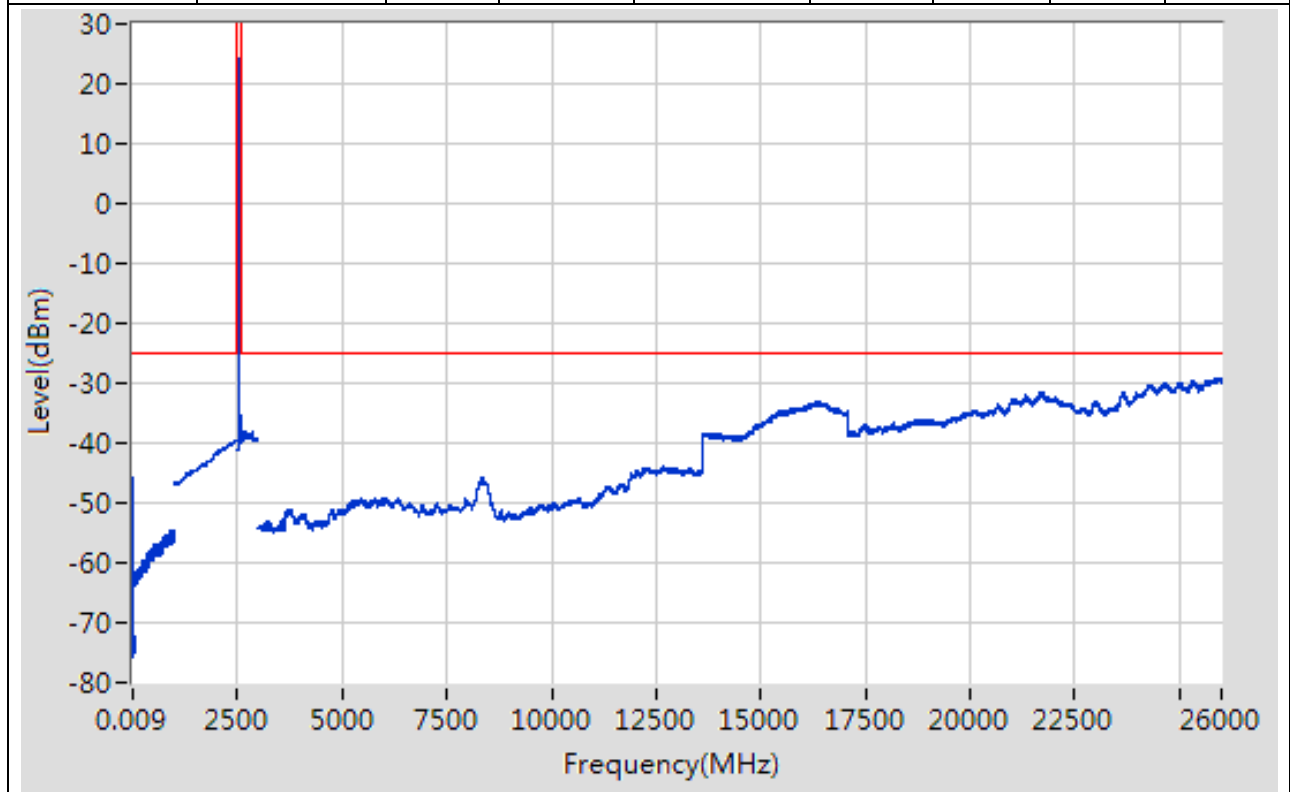
### 1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -49.27      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.02      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 997.4           | -54.53      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2419.953        | -39.4       | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2528.4          | 24.24       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.96      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11915.991       | -45.12      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25923.995       | -28.46      | -25         | Pass    | 14000       |



### 1.30. LTE Transmitter Spurious Emissions(NTNV)(Subtest:30, Channel:21100, 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      | 0.012           | -50.28      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.78      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 986.599         | -54.5       | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2422.955        | -39.46      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2541.6          | 24.4        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -45.1       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25972.998       | -29.28      | -25         | Pass    | 14000       |



### 1.31. LTE Transmitter Spurious Emissions(NTNV)(Subtest:31, Channel:21100, 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           | -49.73      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -45.95      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 982.798         | -54.36      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2453.976        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2528.4          | 23.26       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.98      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -45.2       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25964.998       | -28.59      | -25         | Pass    | 14000       |





### 1.32. LTE Transmitter Spurious Emissions(NTNV)(Subtest:32, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -50.41      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.63      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.99          | -54.4       | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2419.953        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2541.6          | 23.46       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.99      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11912.99        | -45.01      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25911.994       | -28.55      | -25         | Pass    | 14000       |



### 1.33. LTE Transmitter Spurious Emissions(NTNV)(Subtest:33, Channel:21375, 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           | -49.98      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.17      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 891.889         | -54.43      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2456.978        | -39.38      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2555.85         | 24.49       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -28.02      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11925.992       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25955.997       | -28.59      | -25         | Pass    | 14000       |



### 1.34. LTE Transmitter Spurious Emissions(NTNV)(Subtest:34, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -50.33      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.03      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 932.993         | -54.53      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2419.953        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.2          | 24.35       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -33.92      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11900.989       | -45.04      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -28.45      | -25         | Pass    | 14000       |



**1.35. LTE Transmitter Spurious Emissions(NTNV)(Subtest:35, Channel:21375, 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           | -50.41      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.49      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 875.387         | -54.46      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2420.954        | -39.39      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2555.85         | 23.48       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -28.81      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11918.991       | -45.13      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25922.995       | -28.46      | -25         | Pass    | 14000       |



**1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:21375, 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           | -50.58      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -46.3       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 989.199         | -54.46      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2420.954        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.2          | 23.58       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -35.14      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11908.99        | -45.15      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25936.996       | -28.49      | -25         | Pass    | 14000       |



### 1.37. LTE Transmitter Spurious Emissions(NTNV)(Subtest:37, Channel:20850, 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           | -50.53      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.97      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 965.296         | -54.27      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -34.85      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2501.1          | 24.32       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.99      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11900.989       | -45.13      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25945.996       | -28.49      | -25         | Pass    | 14000       |



**1.38. LTE Transmitter Spurious Emissions(NTNV)(Subtest:38, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -51.09      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.8       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 892.589         | -54.37      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -31.19      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2518.95         | 24.24       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.96      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11918.991       | -45.18      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25911.994       | -28.57      | -25         | Pass    | 14000       |



### 1.39. LTE Transmitter Spurious Emissions(NTNV)(Subtest:39, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -50.43      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.72      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 980.098         | -54.5       | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -36.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2501.1          | 23.49       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.92      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11916.991       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25958.997       | -28.32      | -25         | Pass    | 14000       |





#### 1.40. LTE Transmitter Spurious Emissions(NTNV)(Subtest:40, Channel:20850, 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      | 0.011           | -50.62      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -43.99      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 901.69          | -54.36      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -32.81      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2518.95         | 23.41       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.98      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11909.99        | -45.13      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25957.997       | -28.45      | -25         | Pass    | 14000       |



#### 1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:21100, 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           | -50.37      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.81      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998.7           | -54.49      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -36.14      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2526.15         | 24.08       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -37.98      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11898.989       | -45.03      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25928.995       | -28.54      | -25         | Pass    | 14000       |



#### 1.42. LTE Transmitter Spurious Emissions(NTNV)(Subtest:42, Channel:21100, 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           | -50.77      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -44.97      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 892.789         | -54.44      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2420.954        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2543.85         | 24.26       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2580            | -37.89      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11914.991       | -45.02      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25966.998       | -28.53      | -25         | Pass    | 14000       |



### 1.43. LTE Transmitter Spurious Emissions(NTNV)(Subtest:43, Channel:21100, 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            | -49.8       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.06      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 977.698         | -54.4       | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -37.56      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2526.15         | 23.06       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2839.7          | -38         | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11905.99        | -45.1       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25965.998       | -28.52      | -25         | Pass    | 14000       |



#### 1.44. LTE Transmitter Spurious Emissions(NTNV)(Subtest:44, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.37      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -45.08      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 913.491         | -54.41      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2449.973        | -39.46      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2543.85         | 23.27       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2840.4          | -37.97      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11895.988       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25924.995       | -28.54      | -25         | Pass    | 14000       |



#### 1.45. LTE Transmitter Spurious Emissions(NTNV)(Subtest:45, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -50.69      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -45.49      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 993.699         | -54.25      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2423.956        | -39.44      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2551.05         | 24.24       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -29.84      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11911.99        | -45.09      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 26000           | -28.48      | -25         | Pass    | 14000       |



**1.46. LTE Transmitter Spurious Emissions(NTNV)(Subtest:46, Channel:21350, 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           | -49.61      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.51      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 918.292         | -54.53      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2423.956        | -39.43      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2568.9          | 24.21       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -35.35      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11900.989       | -45.14      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25996           | -28.58      | -25         | Pass    | 14000       |



**1.47. LTE Transmitter Spurious Emissions(NTNV)(Subtest:47, Channel:21350, 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            | -51.1       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -46.45      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.089         | -54.63      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2423.956        | -39.45      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2551.05         | 23.19       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -31.46      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11907.99        | -45.13      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25954.997       | -28.63      | -25         | Pass    | 14000       |





**1.48. LTE Transmitter Spurious Emissions(NTNV)(Subtest:48, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -50.49      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -44.2       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 892.489         | -54.43      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2418.952        | -39.37      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2568.9          | 23.28       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -36.08      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11902.989       | -45.2       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25979.999       | -28.53      | -25         | Pass    | 14000       |



END