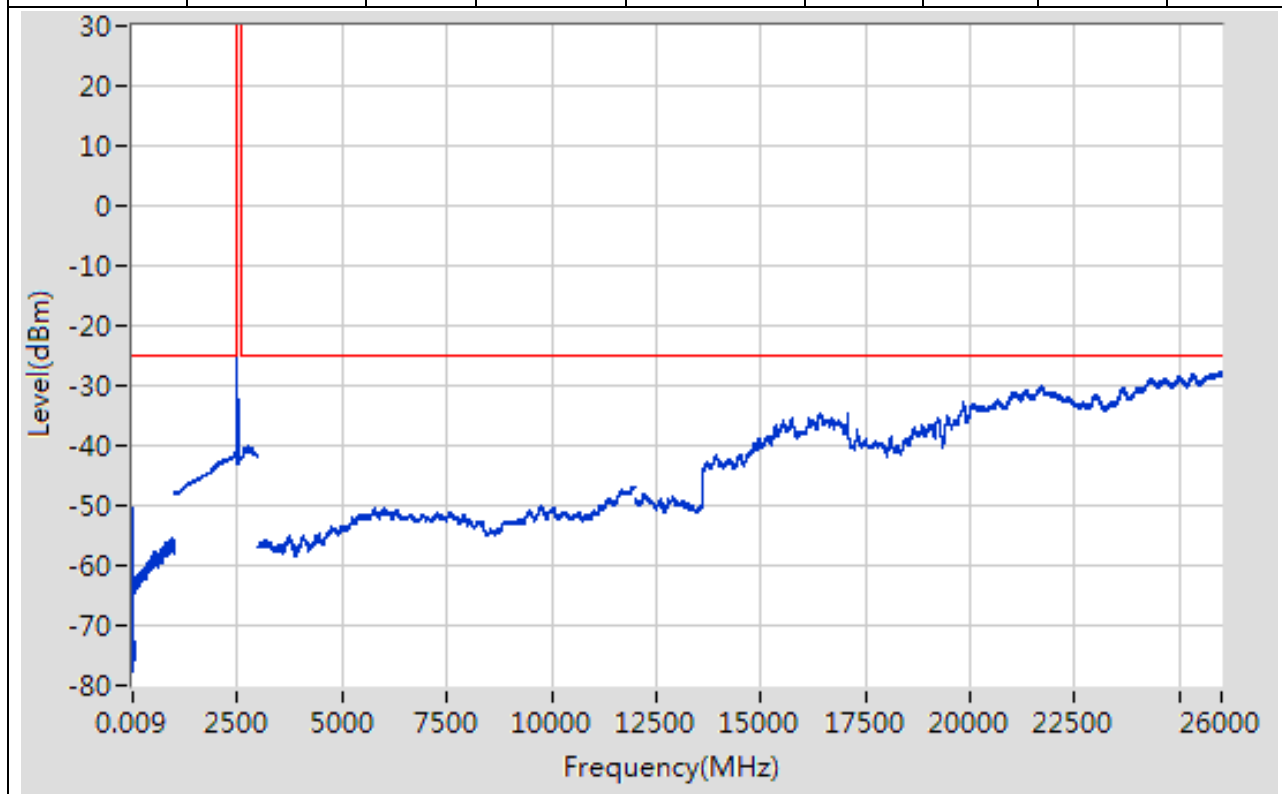


## **Annex C. LTE Transmitter Spurious Emissions**

## 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      | 0.009           | -52.9       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.41      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 921.892         | -55.46      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2432.962        | -41.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.35         | 21.11       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2766.2          | -40.09      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11982.998       | -46.75      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25965.998       | -27.78      | -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           | -52.39      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.17      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 912.291         | -55.59      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2427.958        | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2504.7          | 20.95       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11996           | -46.7       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25808.986       | -27.8       | -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           | -51.59      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.25      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.09          | -55.43      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2429.96         | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.35         | 20.03       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11967.996       | -46.68      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25950.997       | -27.79      | -25         | Pass    | 14000       |



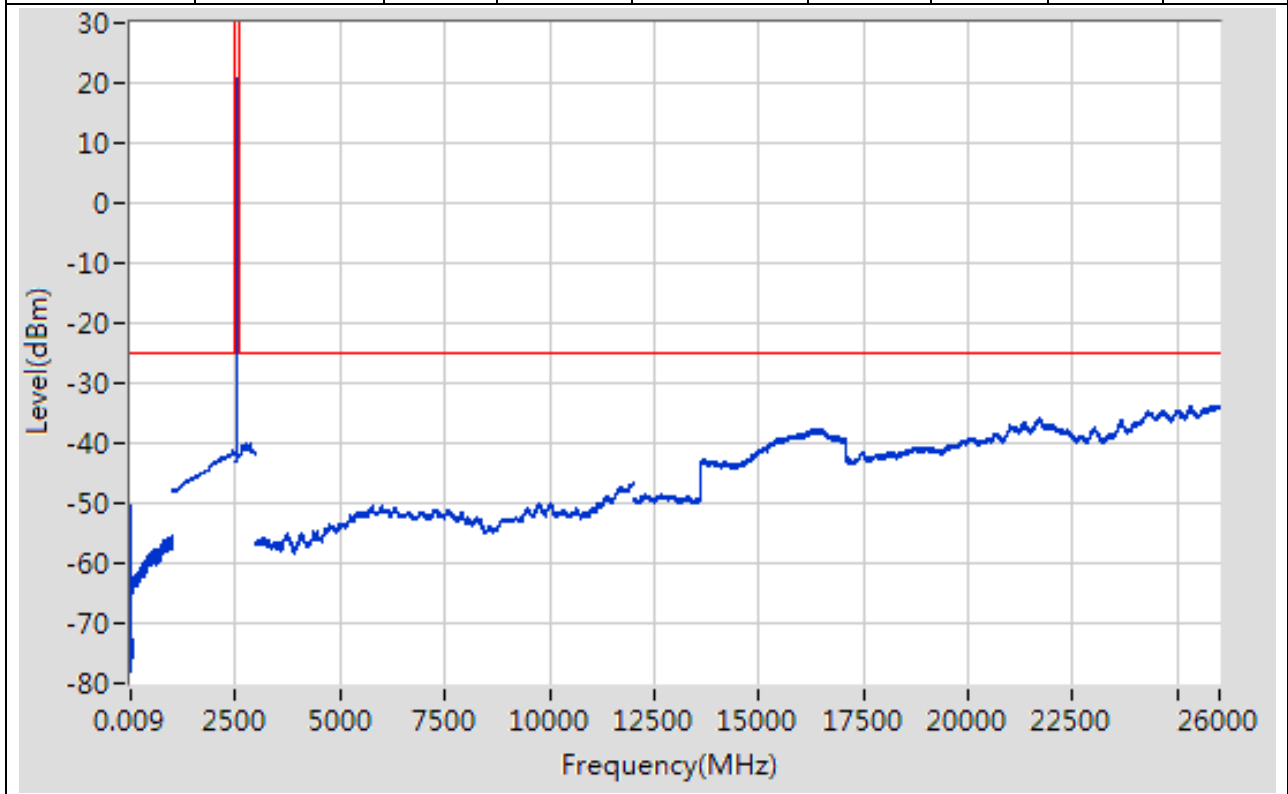
#### 1.4. LTE Transmitter Spurious Emissions(NTNV)(Subtest:4, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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      | 0.011           | -52.87      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.52      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 993.499         | -55.31      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2432.962        | -41.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2504.7          | 19.52       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2770.4          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 12000           | -46.75      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25956.997       | -27.84      | -25         | Pass    | 14000       |



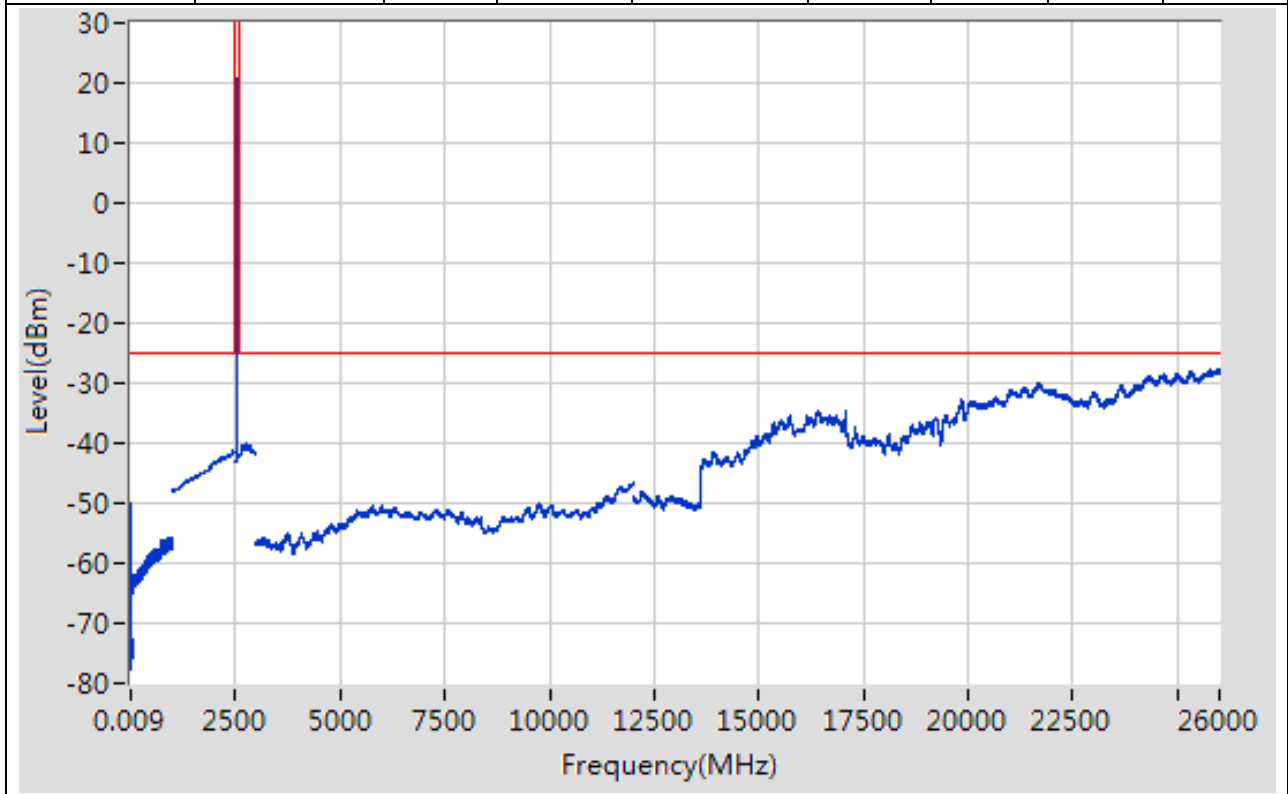
### 1.5. LTE Transmitter Spurious Emissions(NTNV)(Subtest:5, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.01            | -53.36      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.53      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998.5           | -55.5       | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2532.9          | 20.82       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11997           | -46.65      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25946.996       | -33.66      | -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      | 0.009           | -52.7       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.04      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.391         | -55.63      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2432.962        | -41.33      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2537.1          | 20.7        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11994.999       | -46.66      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -27.7       | -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            | -51.92      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.09      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 995.9           | -55.58      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2424.956        | -41.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2532.9          | 20.31       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.66      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25961.997       | -27.76      | -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      | 0.011           | -53.28      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.48      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 909.291         | -55.73      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2537.1          | 20.07       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2766.9          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.62      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25985.999       | -27.84      | -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      | 0.01            | -52.49      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -48.82      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 894.389         | -55.52      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2414.95         | -41.34      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2565.3          | 20.89       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11997           | -46.61      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25918.994       | -27.76      | -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      | 0.01            | -52.69      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.6       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 916.891         | -55.46      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2429.96         | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.65         | 20.66       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2766.9          | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11992.999       | -46.61      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25969.998       | -27.73      | -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      | 0.01            | -53.23      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.64      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 998.3           | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2431.961        | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2565.3          | 19.79       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2766.9          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11997           | -46.69      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25957.997       | -27.78      | -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      | 0.009           | -52.32      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.05      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 999.4           | -55.52      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2430.96         | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.65         | 19.81       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11989.999       | -46.69      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25956.997       | -27.62      | -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      | 0.009           | -52.74      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.01      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 990.699         | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2427.958        | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.65         | 21.03       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11997           | -46.58      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25984.999       | -27.8       | -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      | 0.009           | -52.77      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.3       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 996.8           | -55.58      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2435.964        | -41.28      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2509.35         | 20.97       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11998           | -46.62      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25967.998       | -27.73      | -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      | 0.01            | -52.98      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.63      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 914.091         | -55.44      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2422.955        | -41.33      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.65         | 20.25       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.08      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.61      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25934.995       | -27.74      | -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      | 0.009           | -52.93      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.82      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 964.896         | -55.58      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2430.96         | -41.27      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2509.35         | 20.08       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.02      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11986.999       | -46.62      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25942.996       | -27.83      | -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           | -53.76      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.6       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 983.698         | -55.78      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.36      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2530.65         | 21.26       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.02      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11984.998       | -46.72      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25948.996       | -27.83      | -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      | 0.009           | -52.86      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -48.97      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 921.192         | -55.43      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2427.958        | -41.34      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2539.35         | 21.14       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11996           | -46.66      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25990.999       | -27.78      | -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      | 0.009           | -52.78      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -49.91      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 992.099         | -55.52      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2429.96         | -41.35      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2530.65         | 19.77       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.07      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11991.999       | -46.67      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25989.999       | -27.68      | -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      | 0.01            | -52.55      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -51.11      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 905.69          | -55.63      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2424.956        | -41.3       | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2539.35         | 19.16       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11993.999       | -46.7       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25949.996       | -27.8       | -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      | 0.01            | -52.8       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.37      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 895.289         | -55.59      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2426.958        | -41.36      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2560.65         | 20.75       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.6       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25954.997       | -27.78      | -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            | -52.32      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.56      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 911.091         | -55.74      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2431.961        | -41.36      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.35         | 20.88       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2771.1          | -40.07      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11991.999       | -46.62      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25950.997       | -27.84      | -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           | -52.68      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.12      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 888.689         | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2429.96         | -41.3       | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2560.5          | 20.18       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 12000           | -46.7       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25937.996       | -27.81      | -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      | 0.011           | -53.14      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.07      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 983.798         | -55.63      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.34      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.35         | 20.08       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11992.999       | -46.56      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25965.998       | -27.86      | -25         | Pass    | 14000       |



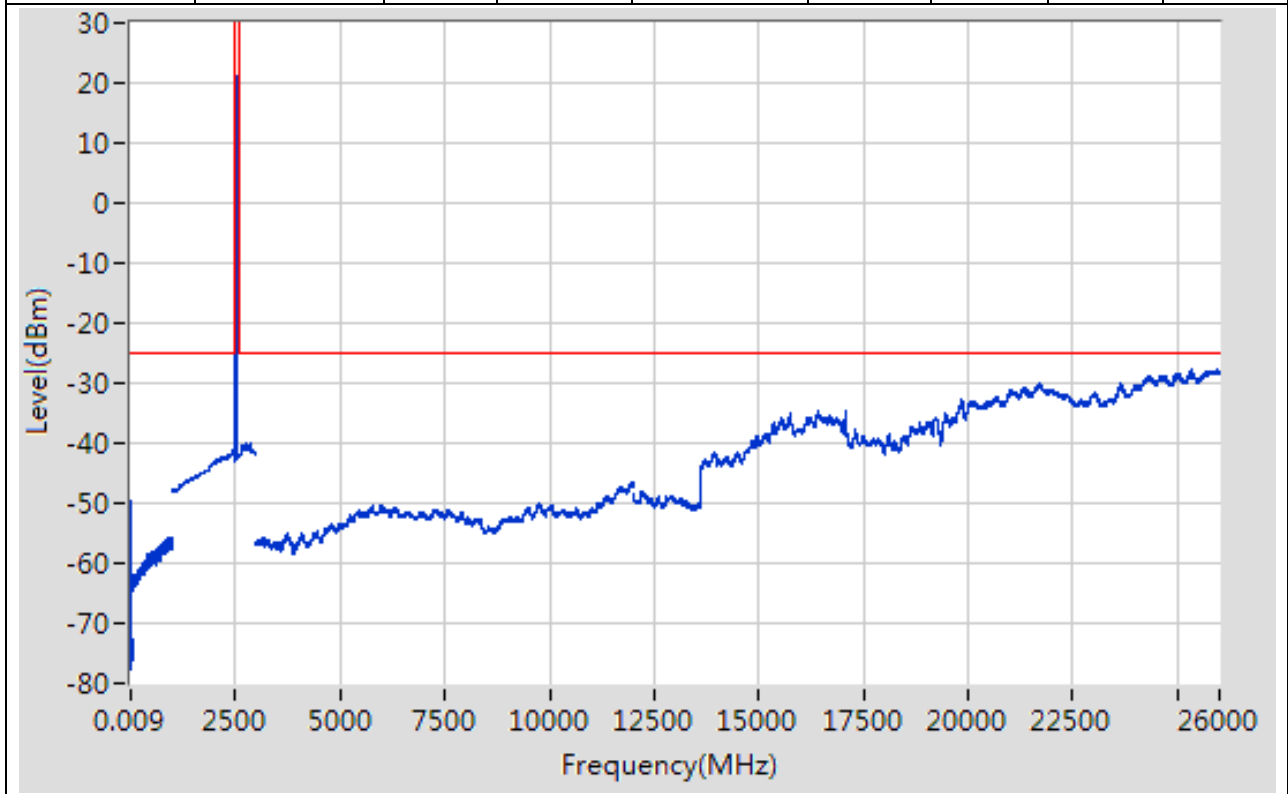
### 1.25. LTE Transmitter Spurious Emissions(NTNV)(Subtest:25, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.009           | -52.71      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.28      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.49          | -55.47      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -35.69      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.8          | 21.14       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11993.999       | -46.65      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25959.997       | -27.82      | -25         | Pass    | 14000       |



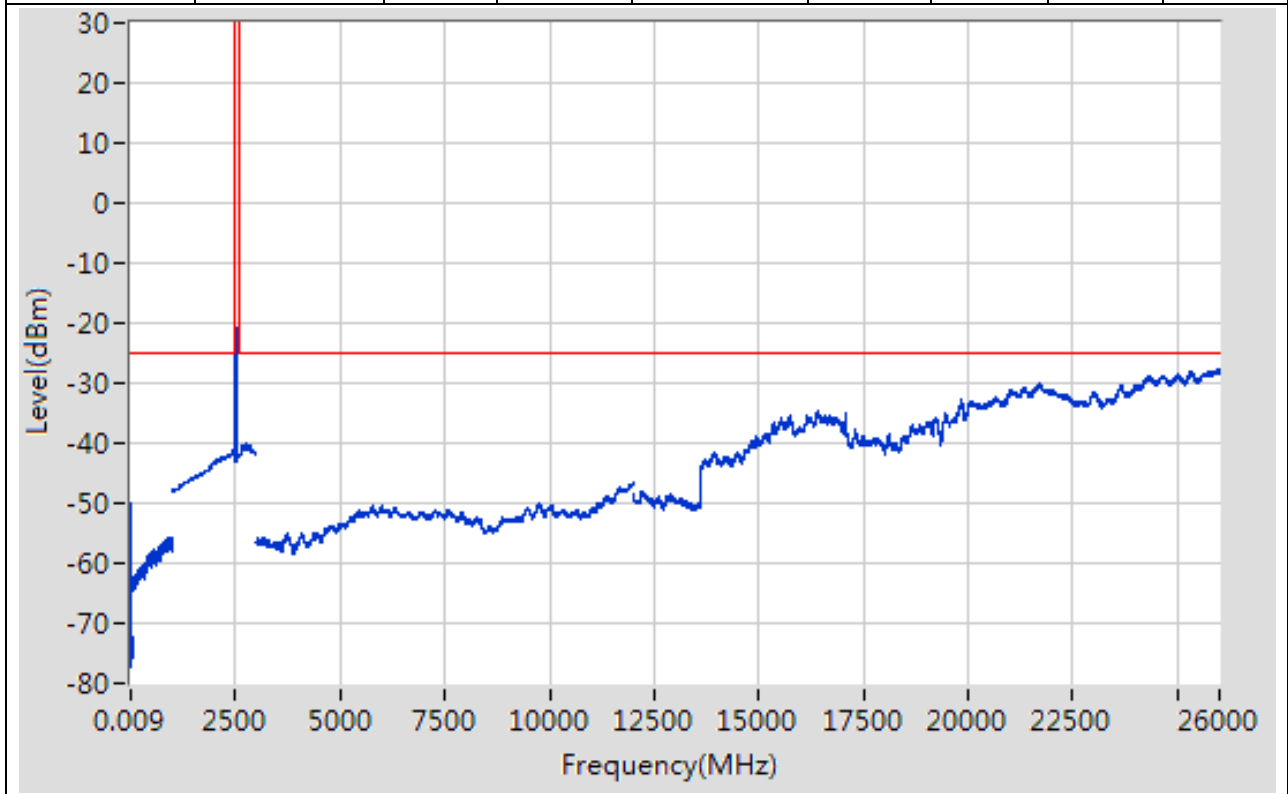
### 1.26. LTE Transmitter Spurious Emissions(NTNV)(Subtest:26, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

| 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           | -52.67      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.68      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 929.693         | -55.73      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -34.65      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2514.15         | 21.23       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11990.999       | -46.7       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25966.998       | -27.7       | -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      | 0.01            | -52.85      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.04      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 937.194         | -55.63      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -36.82      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2500.8          | 20.22       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2766.9          | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.61      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25939.996       | -27.76      | -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      | 0.01            | -52.99      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.11      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 892.889         | -55.72      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2487.999        | -34.33      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2514.15         | 20          | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 12000           | -46.52      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25947.996       | -27.74      | -25         | Pass    | 14000       |



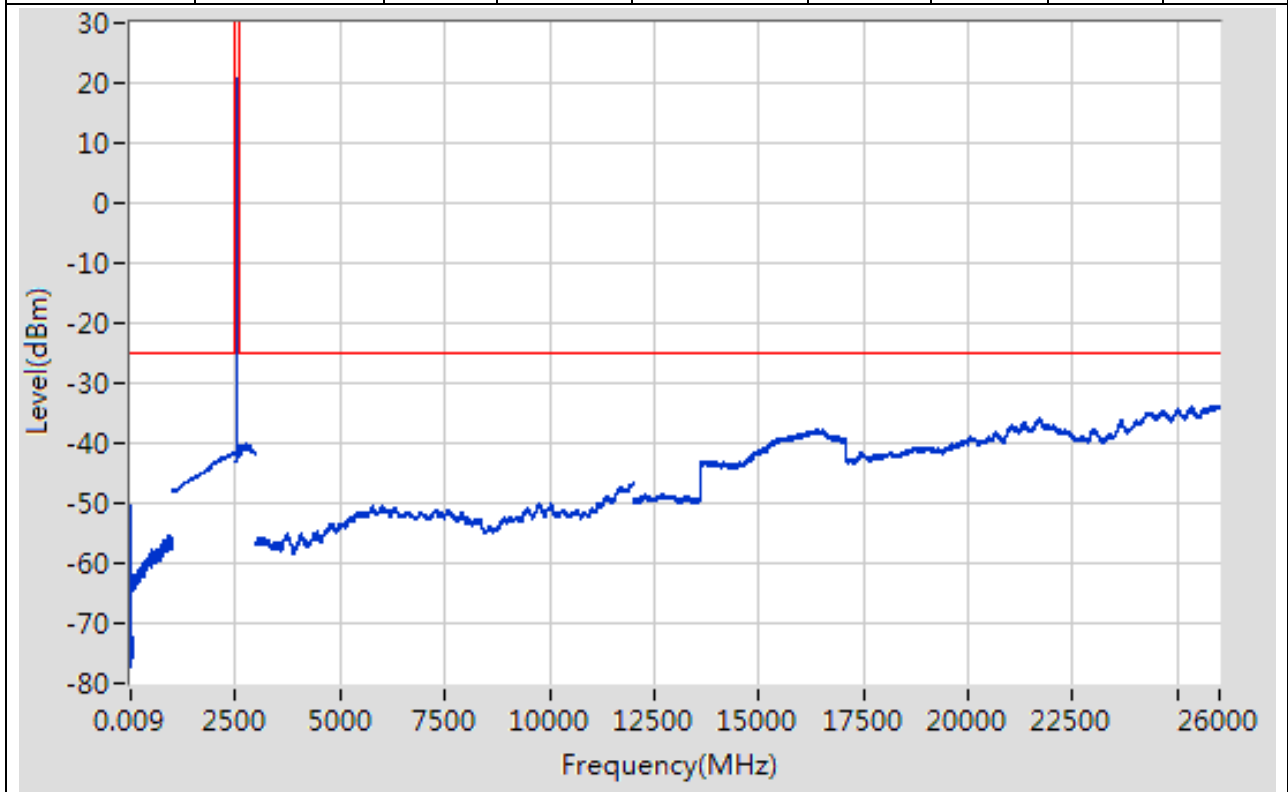
### 1.29. LTE Transmitter Spurious Emissions(NTNV)(Subtest:29, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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            | -53.17      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.36      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 904.49          | -55.69      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2427.958        | -41.35      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2528.4          | 21.02       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11989.999       | -46.68      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25963.997       | -27.85      | -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      | 0.01            | -53.12      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -50.26      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 910.091         | -55.27      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.36      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2541.6          | 20.85       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.06      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11987.999       | -46.59      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25911.994       | -33.75      | -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      | 0.013           | -53.23      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.03      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.69          | -55.48      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2433.962        | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2528.4          | 20.34       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2765.5          | -40.02      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11994.999       | -46.62      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25972.998       | -27.74      | -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            | -52.8       | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.02      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 897.789         | -55.42      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2426.958        | -41.33      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2541.75         | 20.64       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.01      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11993.999       | -46.65      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25932.995       | -27.8       | -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           | -52.08      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.71      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 909.691         | -55.42      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.31      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2555.85         | 20.99       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -37.47      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11996           | -46.7       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25951.997       | -27.81      | -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            | -53.38      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -48.96      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 917.592         | -55.59      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2434.963        | -41.28      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.2          | 21.01       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -37.96      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 12000           | -46.57      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25965.998       | -27.69      | -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           | -52.93      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.11      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 863.186         | -55.39      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2434.963        | -41.36      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2555.85         | 19.52       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -37.42      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11998           | -46.59      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25987.999       | -27.8       | -25         | Pass    | 14000       |



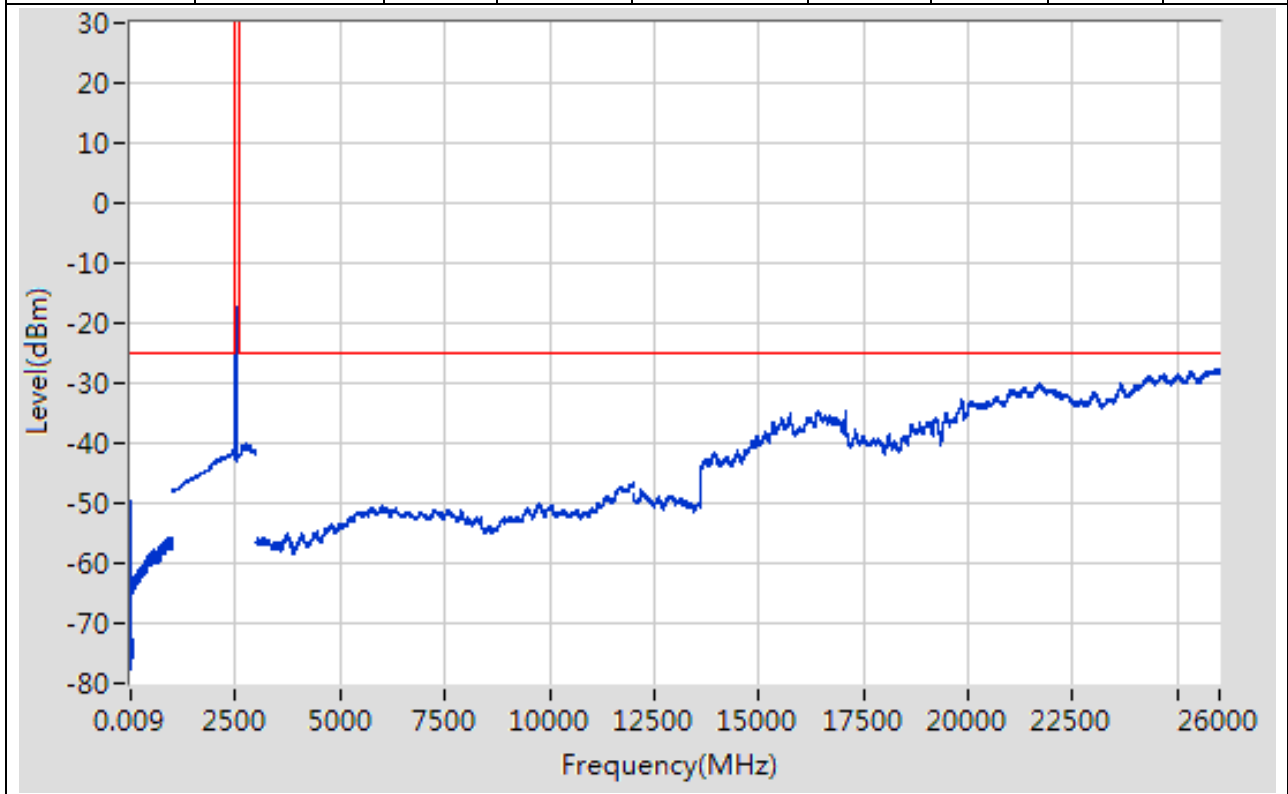
### 1.36. LTE Transmitter Spurious Emissions(NTNV)(Subtest:36, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

| 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           | -52.32      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -50.04      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 995.3           | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2429.96         | -41.27      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2569.2          | 19.98       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2582.8          | -39.49      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11967.996       | -46.69      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25964.998       | -27.81      | -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           | -53.19      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.75      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 939.394         | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -34.51      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2501.1          | 21.14       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11992.999       | -46.7       | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25950.997       | -27.69      | -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            | -52.91      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -48.7       | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 877.587         | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -38.4       | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2518.95         | 20.77       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.64      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25983.999       | -27.79      | -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           | -52.75      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -51         | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 856.685         | -55.56      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -34.73      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2501.1          | 20.77       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769            | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11996           | -46.58      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25952.997       | -27.86      | -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      | 0.009           | -52.59      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.41      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 966.297         | -55.59      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2482.995        | -38.68      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2518.95         | 20.34       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11990.999       | -46.66      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -27.76      | -25         | Pass    | 14000       |



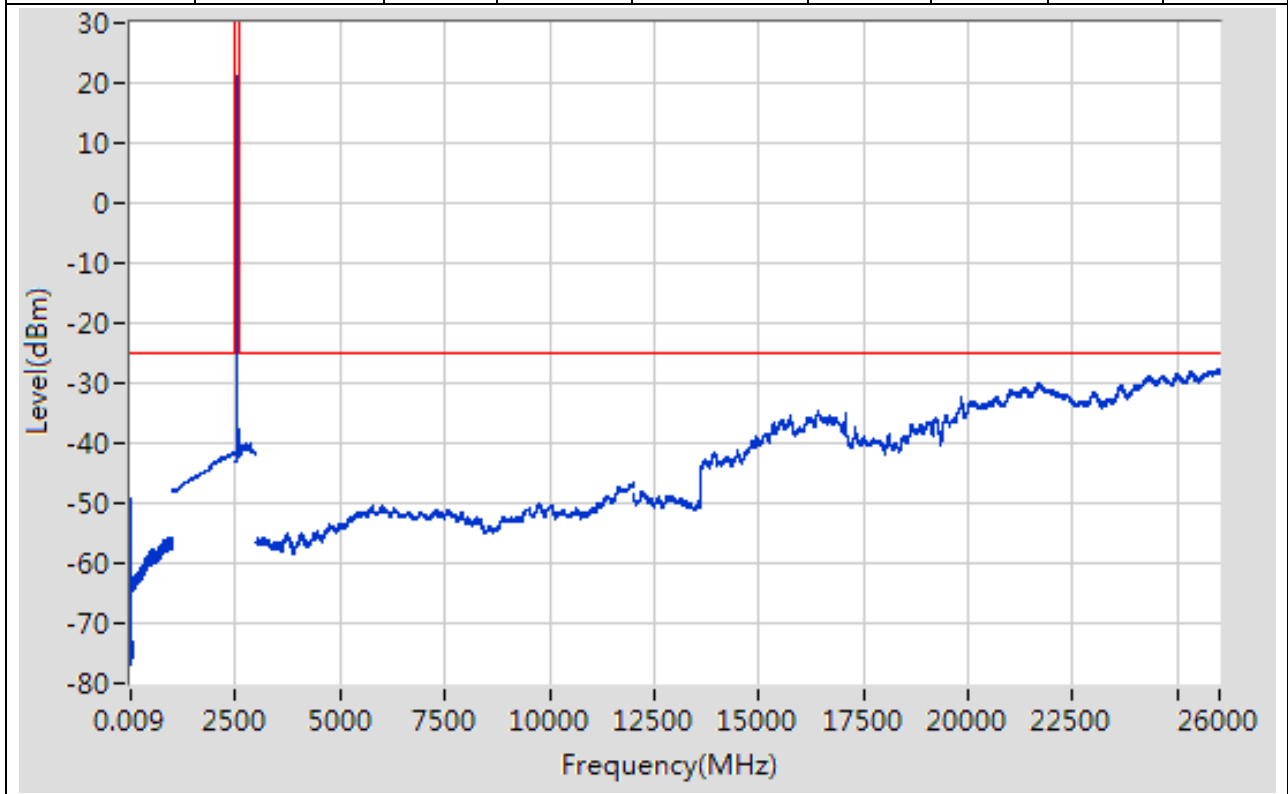
#### 1.41. LTE Transmitter Spurious Emissions(NTNV)(Subtest:41, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -52.18      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.02      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 899.29          | -55.72      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -41.11      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2526.15         | 21.12       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2769.7          | -40.04      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11989.999       | -46.46      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25989.999       | -27.81      | -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      | 0.01            | -52.15      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.11      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 907.69          | -55.64      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2438.966        | -41.36      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2543.85         | 21.19       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2770.4          | -40.05      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11993.999       | -46.66      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25970.998       | -27.78      | -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      | 0.009           | -53.46      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.19      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 926.092         | -55.81      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2429.96         | -41.37      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2526.15         | 19.88       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2766.9          | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11999           | -46.51      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25986.999       | -27.76      | -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           | -52.67      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.77      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 886.388         | -55.62      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2436.964        | -41.32      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2543.85         | 19.58       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2768.3          | -40.03      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 12000           | -46.61      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25989.999       | -27.6       | -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      | 0.009           | -53.38      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.86      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 893.689         | -55.66      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2423.956        | -41.33      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2551.05         | 21.17       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -35.28      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 12000           | -46.64      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25946.996       | -27.86      | -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           | -53.39      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -50.28      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 898.49          | -55.71      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2448.972        | -41.35      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2568.9          | 21.2        | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -39.69      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11987.999       | -46.57      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25953.997       | -27.7       | -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      | 0.013           | -53.53      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.86      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 874.287         | -55.61      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2428.959        | -41.29      | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2551.05         | 20.34       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -36.32      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11997           | -46.72      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25956.997       | -27.64      | -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           | -52.38      | -25         | Pass    | 601         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -49.78      | -25         | Pass    | 2985        |
| 30                    | 1000                 | 0.1       | RMS      | 967.397         | -55.68      | -25         | Pass    | 9700        |
| 1000                  | 2490                 | 1         | RMS      | 2427.958        | -41.3       | -25         | Pass    | 1490        |
| 2490                  | 2580                 | 1         | RMS      | 2568.9          | 20.47       | 60          | Pass    | 601         |
| 2580                  | 3000                 | 1         | RMS      | 2587            | -39.66      | -25         | Pass    | 601         |
| 3000                  | 12000                | 1         | RMS      | 11989.999       | -46.46      | -25         | Pass    | 9000        |
| 12000                 | 26000                | 1         | RMS      | 25948.996       | -27.78      | -25         | Pass    | 14000       |



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END