

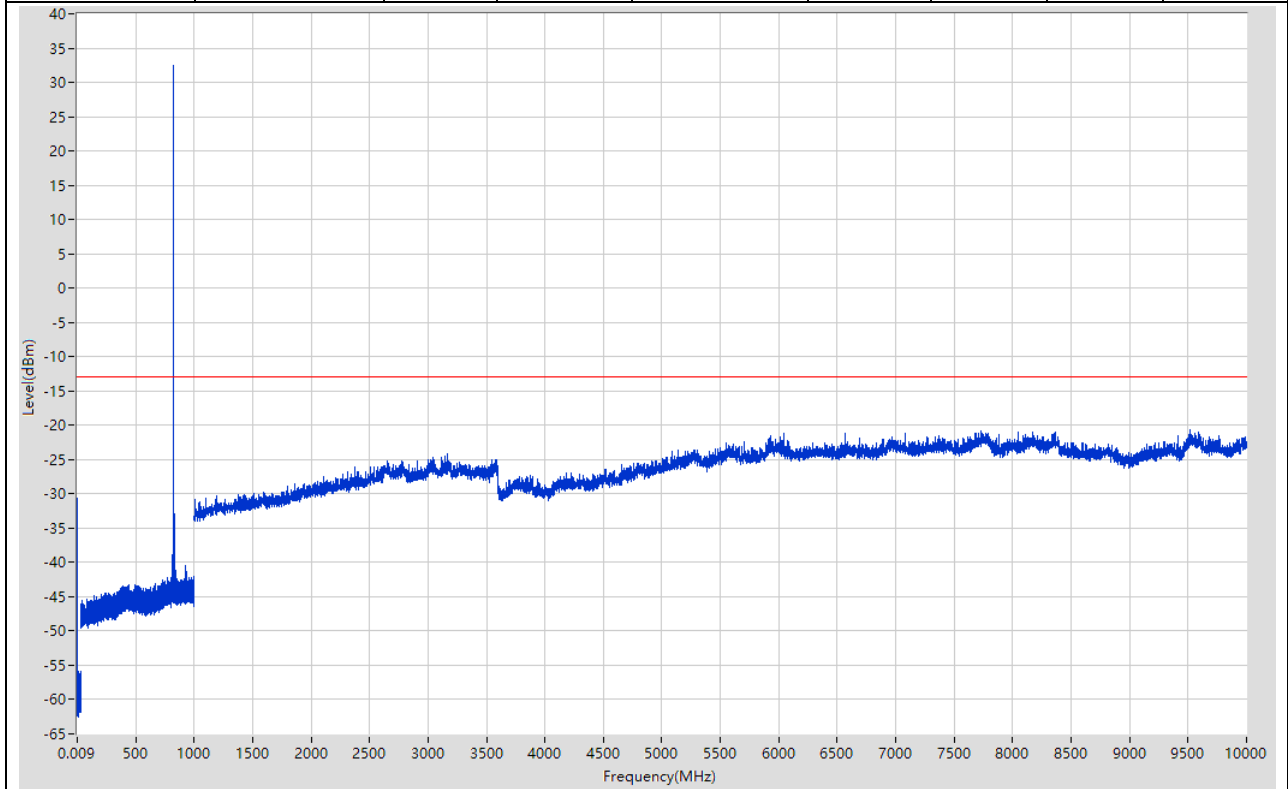
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## **Annex A.5 Spurious Emission at Antenna Terminals**

## 1. GPRS\_GSM850

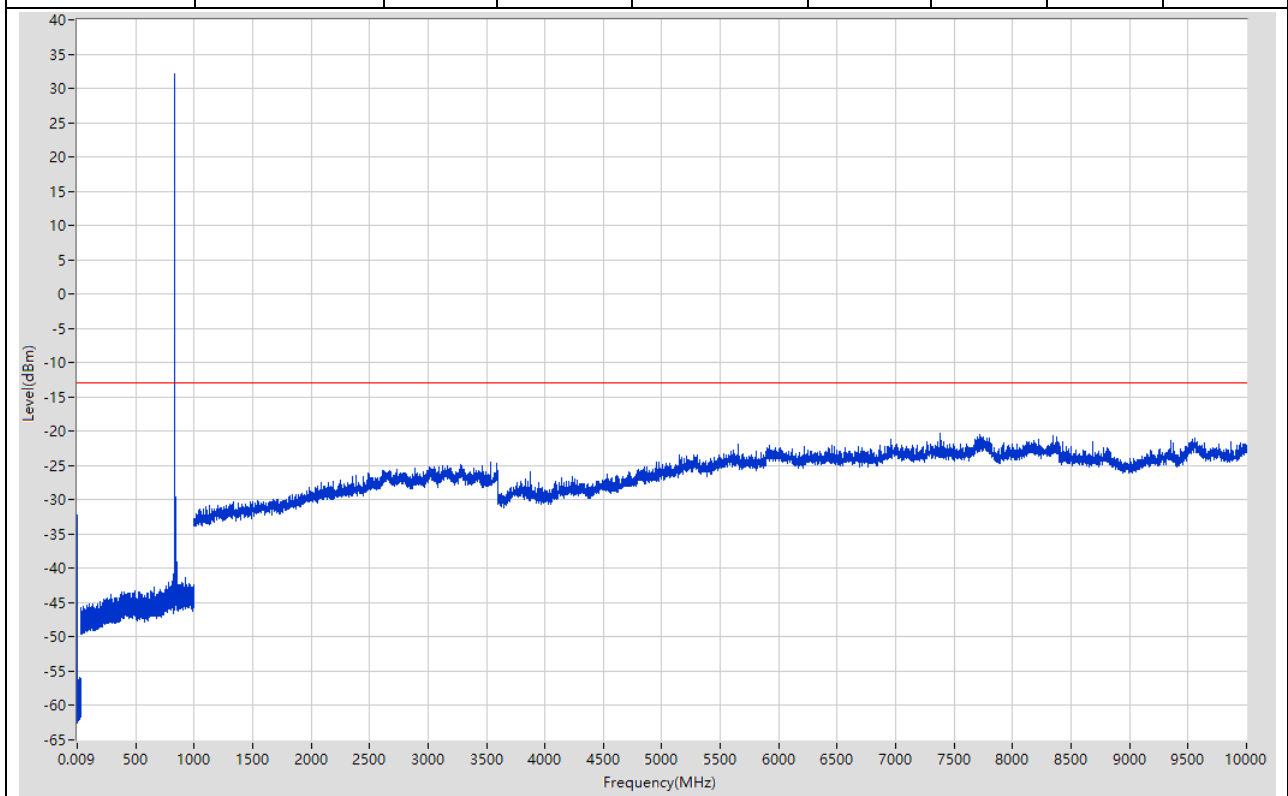
### 1.1. GPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:128)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.01            | -31.7       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -30.7       | -13         | Pass    | 2986        |
| 30                    | 500                  | 0.1       | Peak     | 488.4           | -43.28      | -13         | Pass    | 4701        |
| 500                   | 1000                 | 0.1       | Peak     | 824.1           | 32.45       | -13         | N/A     | 5001        |
| 1000                  | 10000                | 1         | Peak     | 9520            | -20.63      | -13         | Pass    | 9001        |



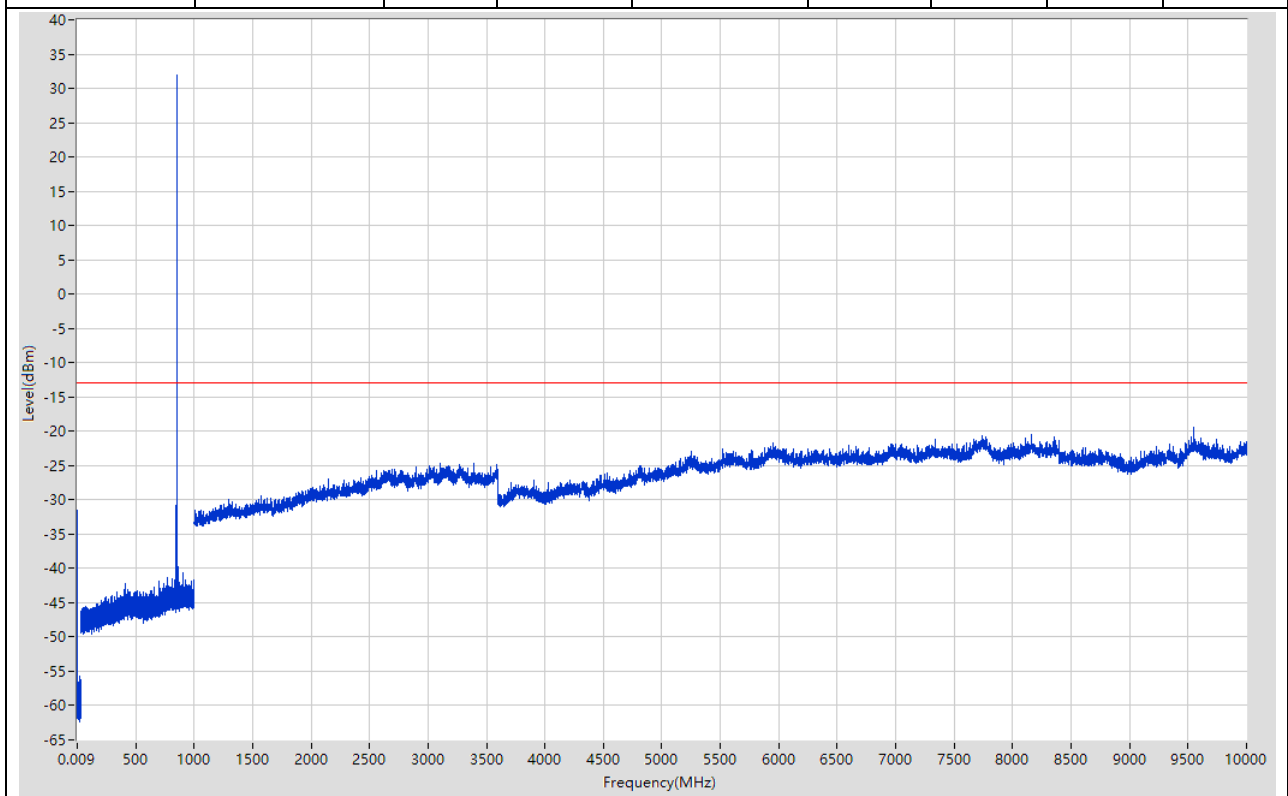
## 1.2. GPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:190)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.01            | -32.49      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.16            | -32.22      | -13         | Pass    | 2986        |
| 30                    | 500                  | 0.1       | Peak     | 496.2           | -43.34      | -13         | Pass    | 4701        |
| 500                   | 1000                 | 0.1       | Peak     | 836.7           | 32.19       | -13         | N/A     | 5001        |
| 1000                  | 10000                | 1         | Peak     | 7379            | -20.33      | -13         | Pass    | 9001        |



### 1.3. GPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:251)

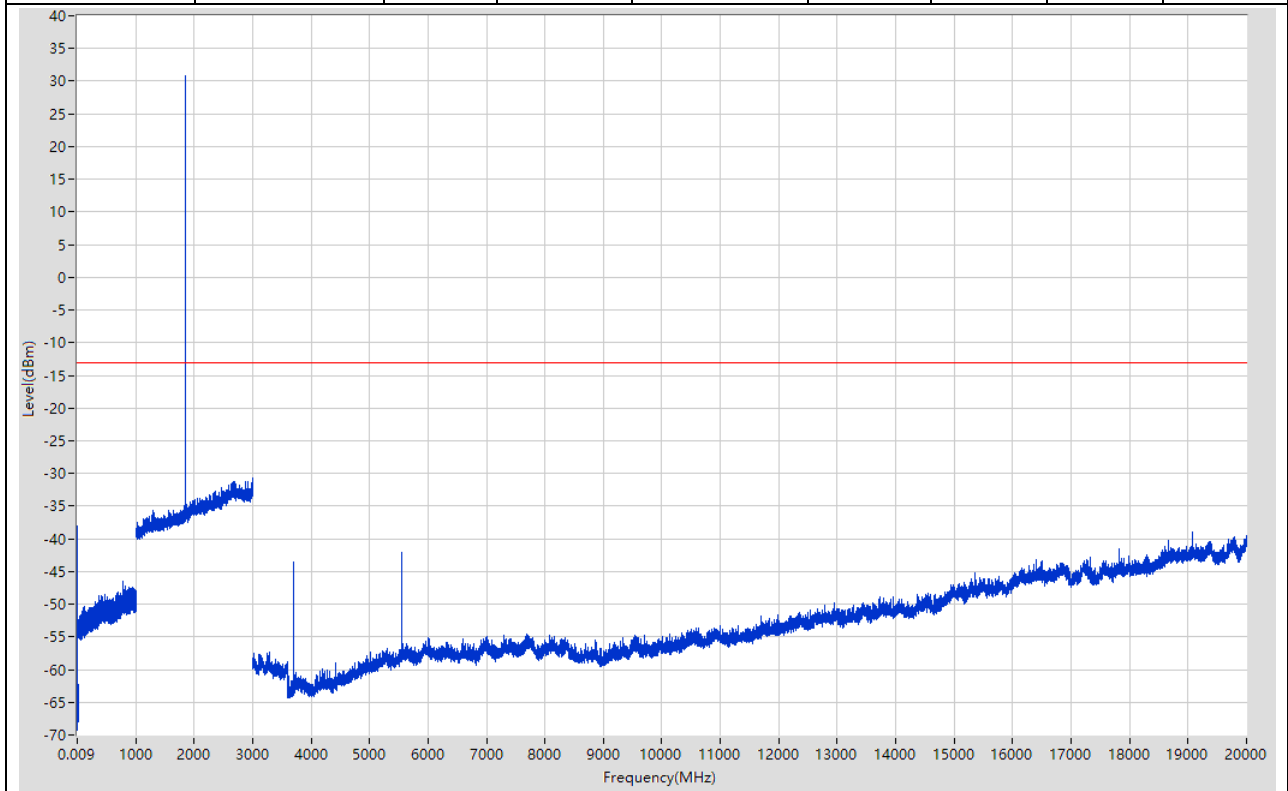
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.01            | -31.63      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -31.44      | -13         | Pass    | 2986        |
| 30                    | 500                  | 0.1       | Peak     | 415.4           | -42.19      | -13         | Pass    | 4701        |
| 500                   | 1000                 | 0.1       | Peak     | 848.8           | 31.92       | -13         | N/A     | 5001        |
| 1000                  | 10000                | 1         | Peak     | 9544            | -19.42      | -13         | Pass    | 9001        |



## 2. GPRS\_PCS

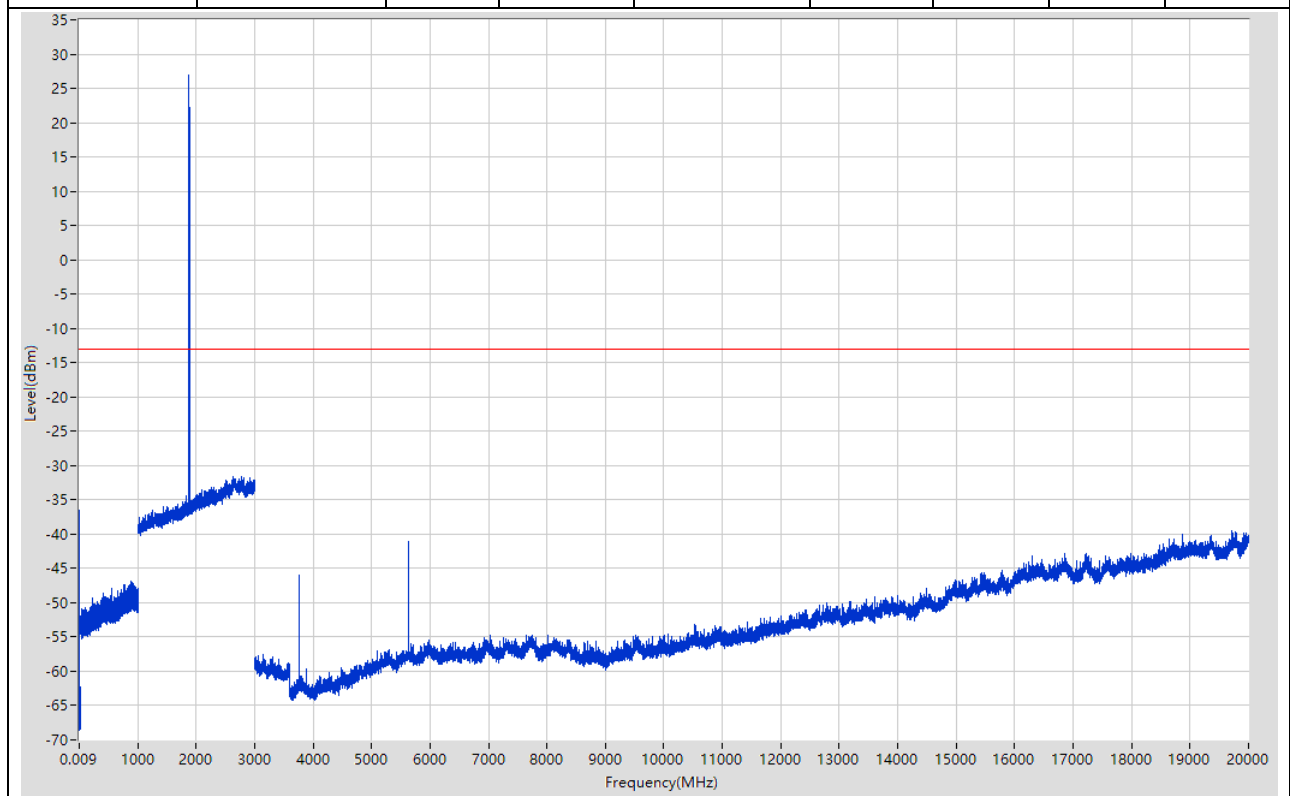
### 2.1. GPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:512)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.009           | -38.03      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -38.92      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | Peak     | 791.2           | -46.56      | -13         | Pass    | 9701        |
| 1000                  | 3000                 | 1         | Peak     | 1850            | 30.73       | -13         | N/A     | 2001        |
| 3000                  | 20000                | 1         | Peak     | 19078           | -38.89      | -13         | Pass    | 17001       |



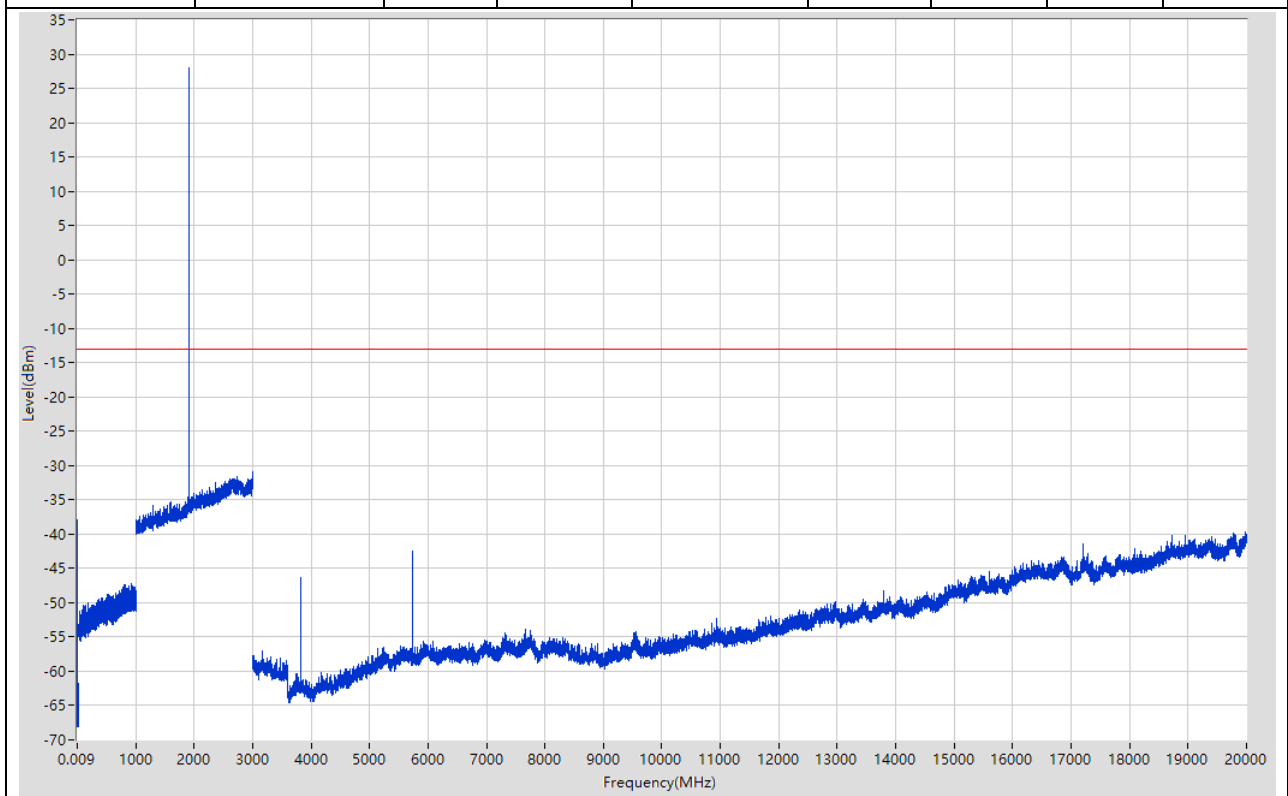
## 2.2. GPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:661)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.009           | -36.58      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -38.8       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | Peak     | 891.6           | -46.82      | -13         | Pass    | 9701        |
| 1000                  | 3000                 | 1         | Peak     | 1879            | 26.91       | -13         | N/A     | 2001        |
| 3000                  | 20000                | 1         | Peak     | 19707           | -39.47      | -13         | Pass    | 17001       |



### 2.3. GPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:810)

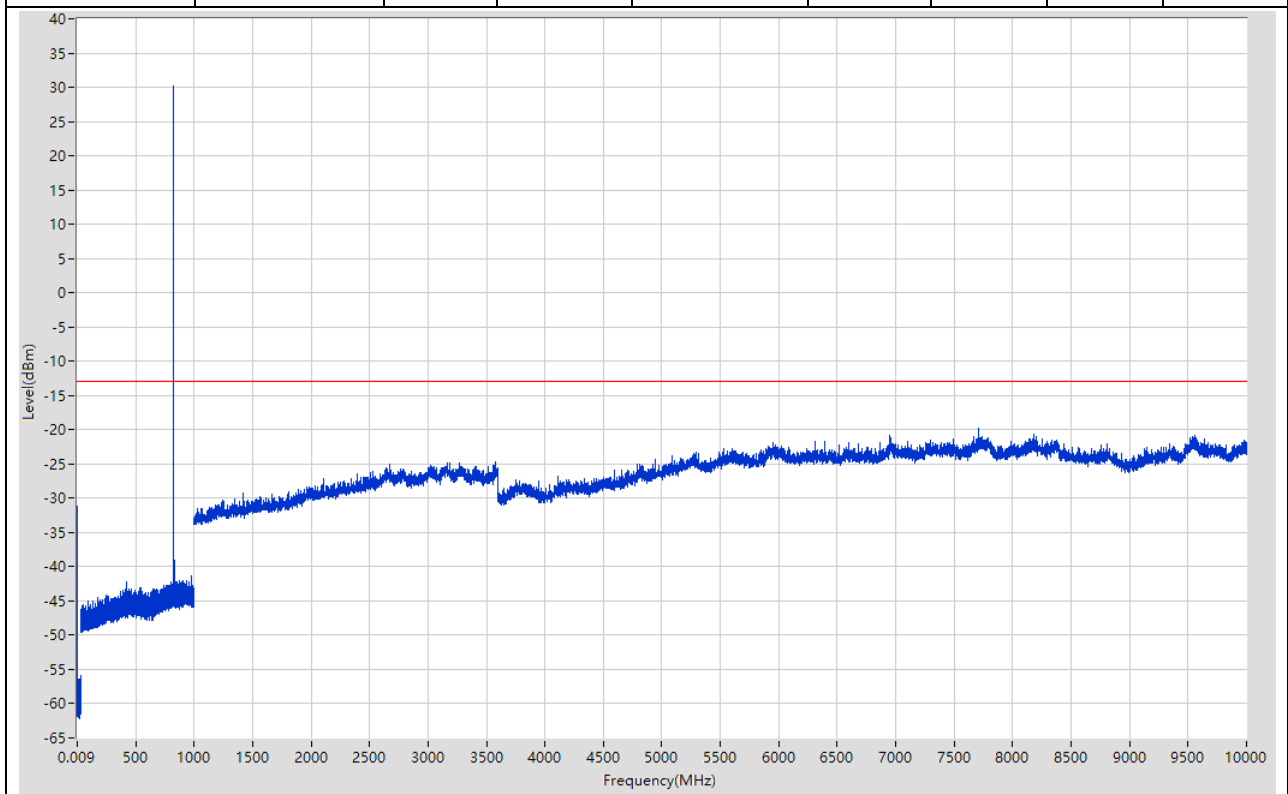
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.009           | -38.45      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -37.91      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | Peak     | 930             | -47.25      | -13         | Pass    | 9701        |
| 1000                  | 3000                 | 1         | Peak     | 1910            | 28.07       | -13         | N/A     | 2001        |
| 3000                  | 20000                | 1         | Peak     | 19973           | -39.71      | -13         | Pass    | 17001       |



### 3. EGPRS\_GSM850

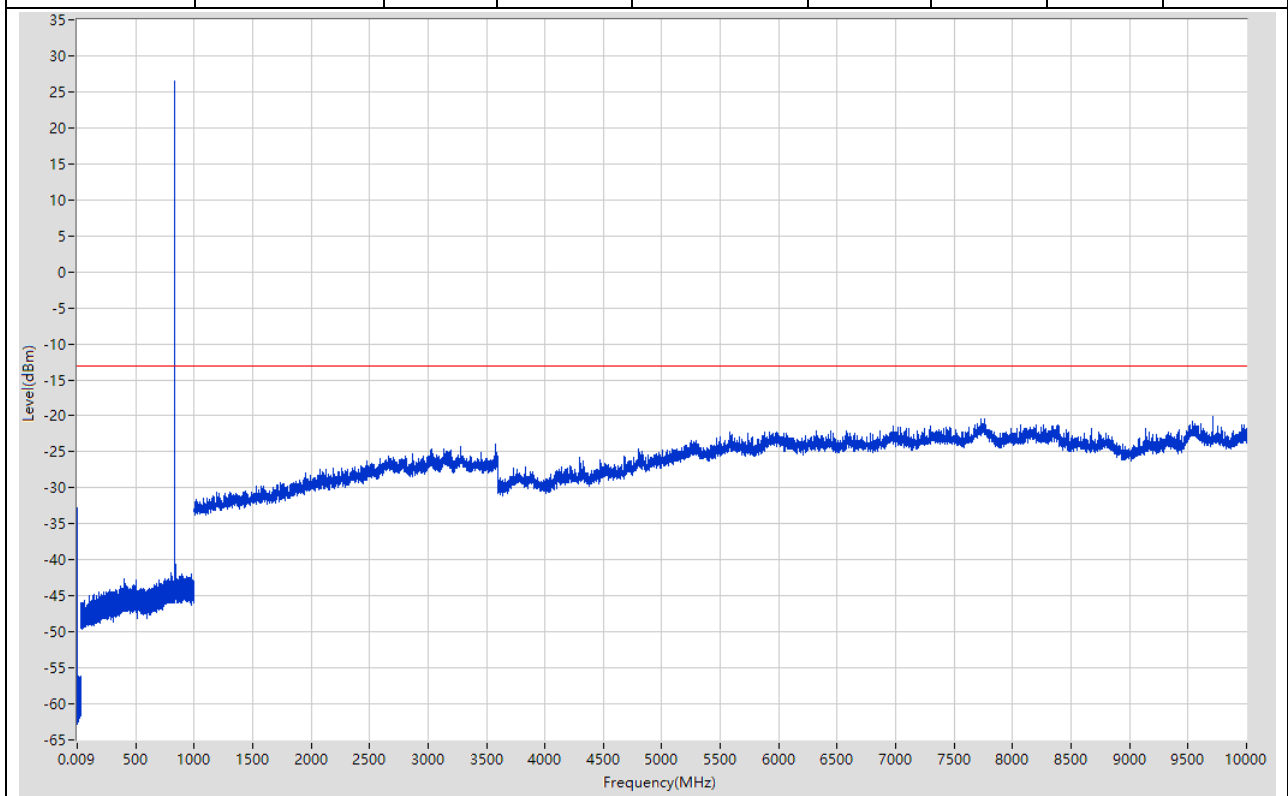
#### 3.1. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:128)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.011           | -31.2       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -33.21      | -13         | Pass    | 2986        |
| 30                    | 500                  | 0.1       | Peak     | 418             | -42.27      | -13         | Pass    | 4701        |
| 500                   | 1000                 | 0.1       | Peak     | 824.2           | 30.22       | -13         | N/A     | 5001        |
| 1000                  | 10000                | 1         | Peak     | 7711            | -19.78      | -13         | Pass    | 9001        |



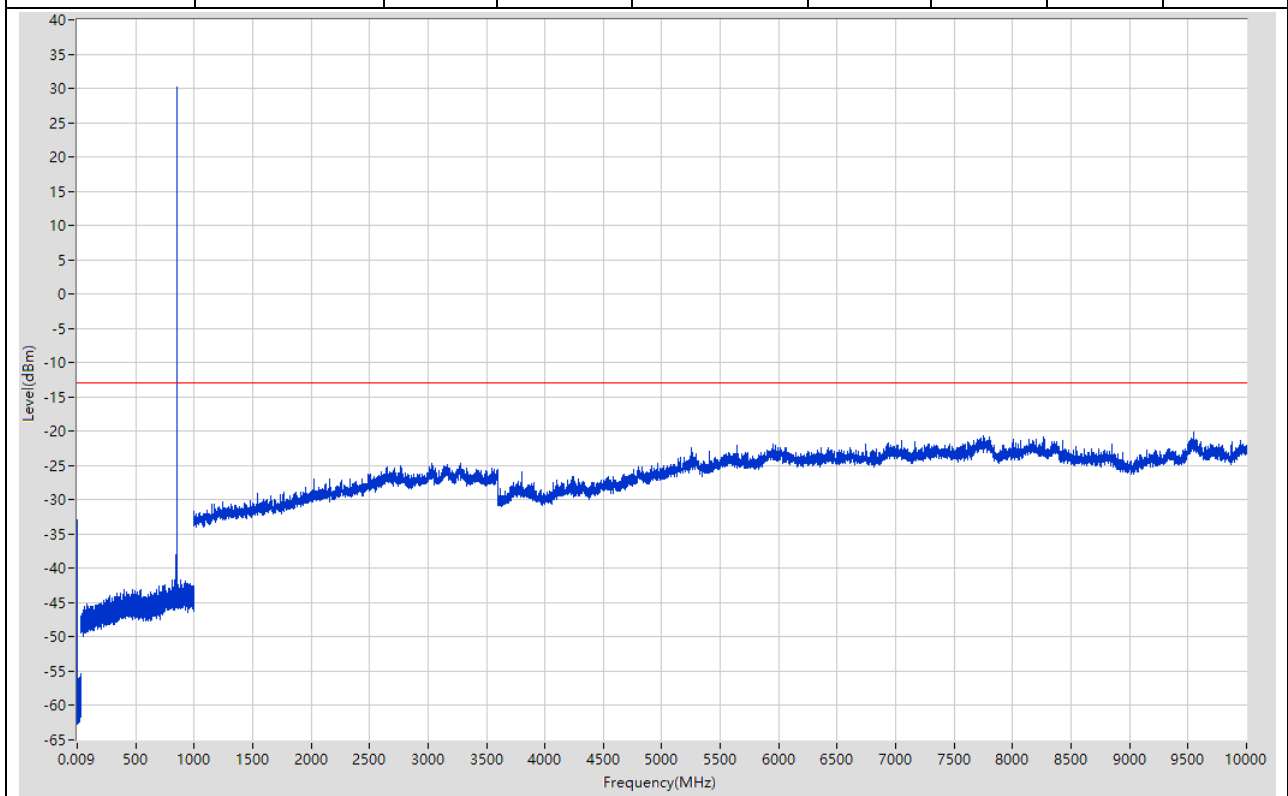
### 3.2. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:190)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.009           | -32.84      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -33.21      | -13         | Pass    | 2986        |
| 30                    | 500                  | 0.1       | Peak     | 399.3           | -42.68      | -13         | Pass    | 4701        |
| 500                   | 1000                 | 0.1       | Peak     | 836.5           | 26.42       | -13         | N/A     | 5001        |
| 1000                  | 10000                | 1         | Peak     | 9709            | -20.15      | -13         | Pass    | 9001        |



### 3.3. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:251)

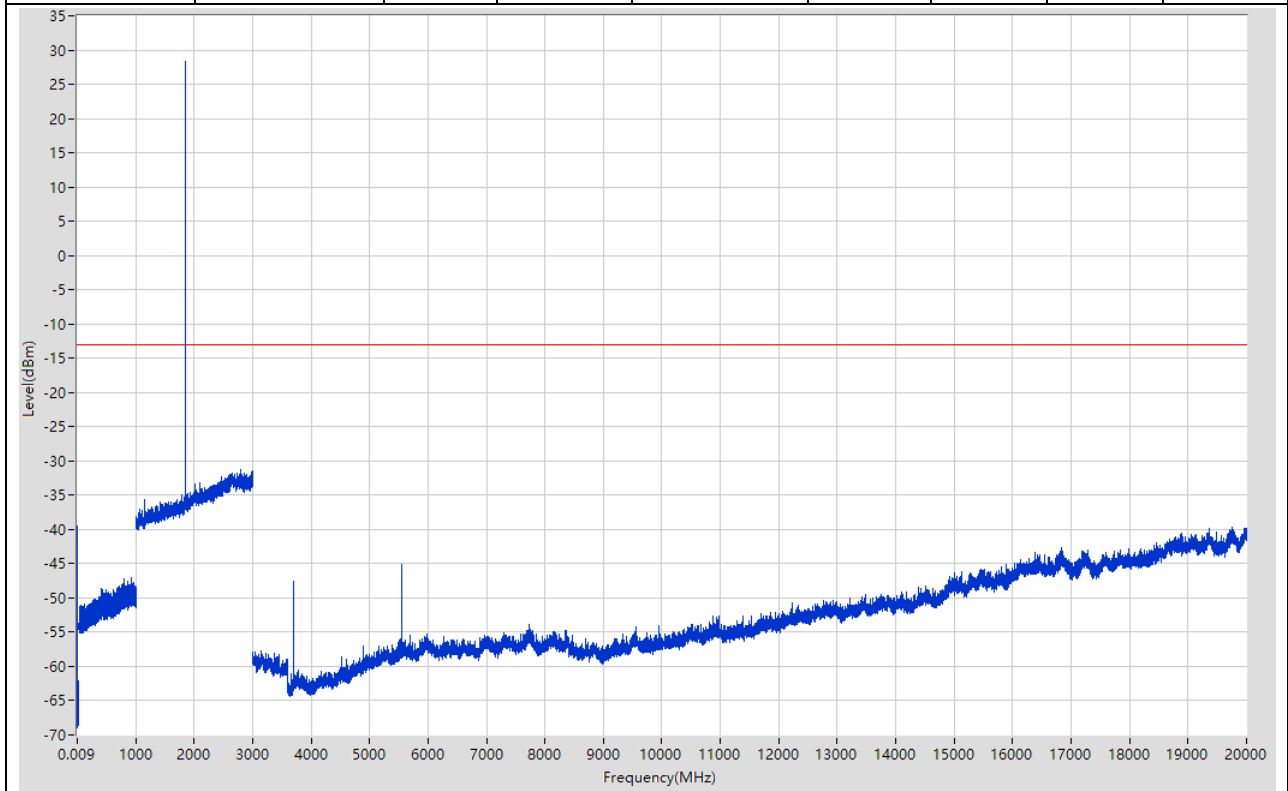
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.01            | -33.08      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -32.88      | -13         | Pass    | 2986        |
| 30                    | 500                  | 0.1       | Peak     | 473.6           | -43.07      | -13         | Pass    | 4701        |
| 500                   | 1000                 | 0.1       | Peak     | 848.8           | 30.15       | -13         | N/A     | 5001        |
| 1000                  | 10000                | 1         | Peak     | 9547            | -20.12      | -13         | Pass    | 9001        |



## 4. EGPRS\_PCS

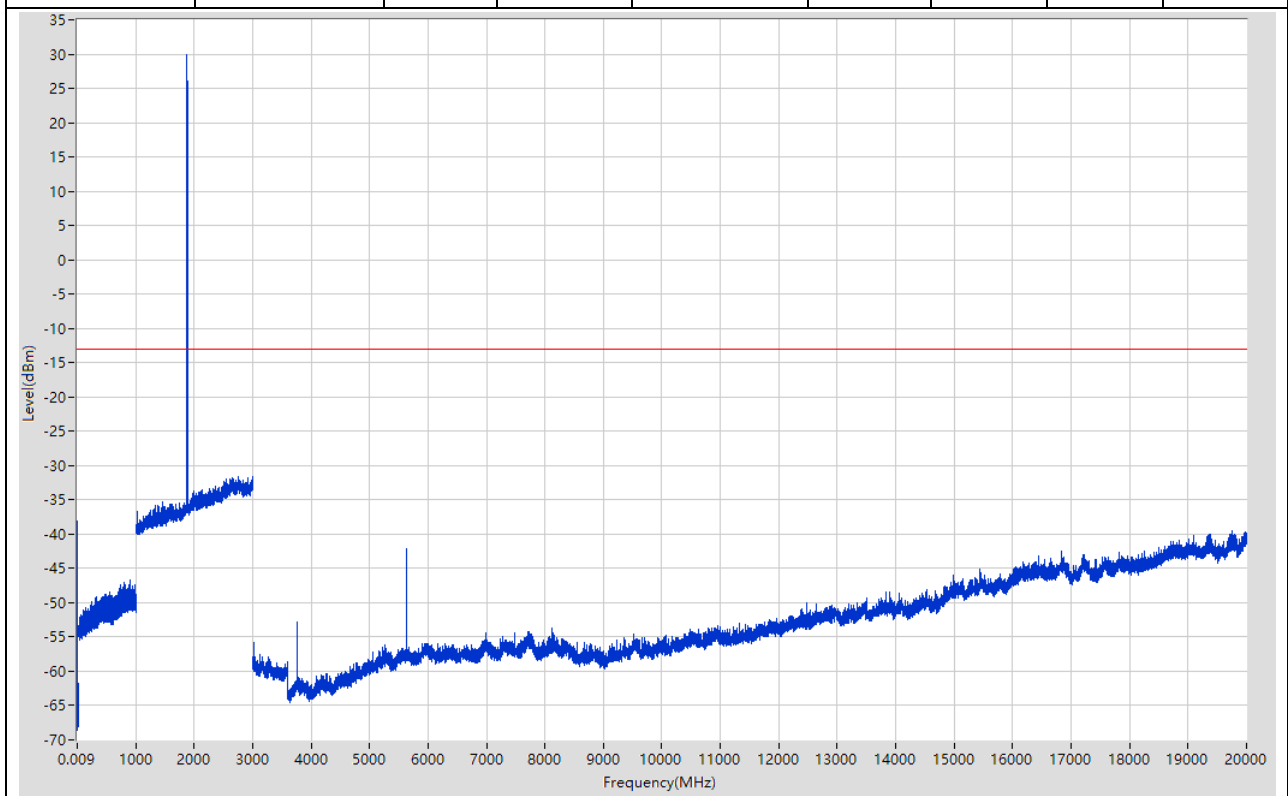
### 4.1. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:512)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.01            | -39.44      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.16            | -39.79      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | Peak     | 923             | -47.07      | -13         | Pass    | 9701        |
| 1000                  | 3000                 | 1         | Peak     | 1851            | 28.32       | -13         | N/A     | 2001        |
| 3000                  | 20000                | 1         | Peak     | 19744           | -39.59      | -13         | Pass    | 17001       |



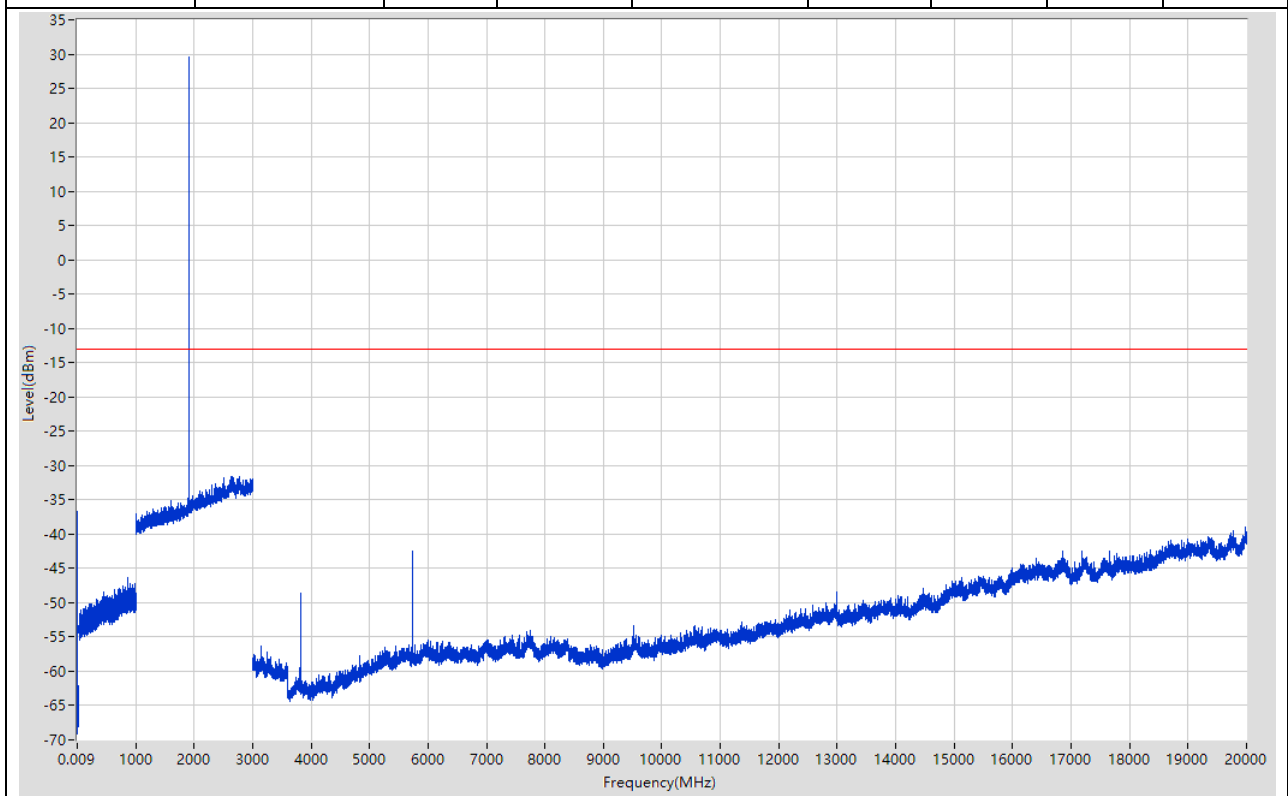
#### 4.2. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:661)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.009           | -38.24      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -38.12      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | Peak     | 909.2           | -46.76      | -13         | Pass    | 9701        |
| 1000                  | 3000                 | 1         | Peak     | 1880            | 30          | -13         | N/A     | 2001        |
| 3000                  | 20000                | 1         | Peak     | 19752           | -39.44      | -13         | Pass    | 17001       |



#### 4.3. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:810)

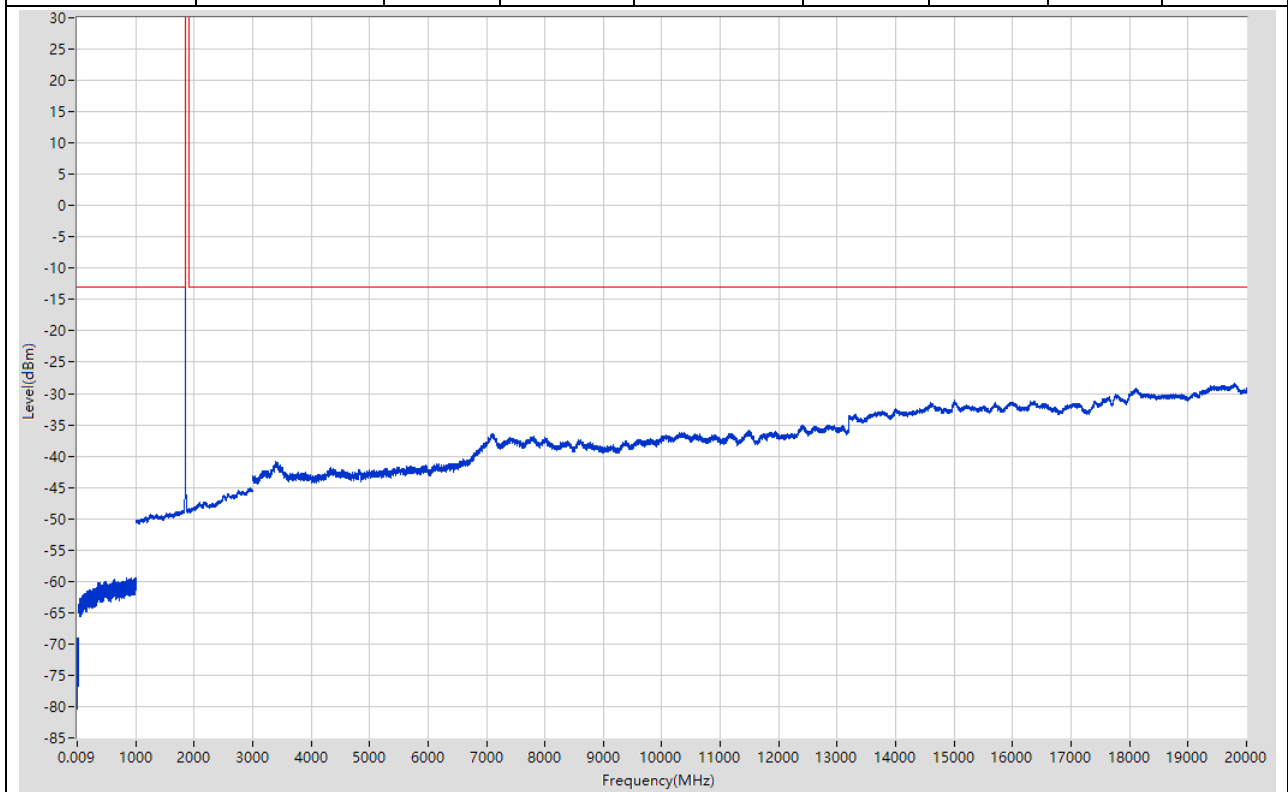
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | Peak     | 0.01            | -38.27      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | Peak     | 0.15            | -36.62      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | Peak     | 853.8           | -46.42      | -13         | Pass    | 9701        |
| 1000                  | 3000                 | 1         | Peak     | 1910            | 29.5        | -13         | N/A     | 2001        |
| 3000                  | 20000                | 1         | Peak     | 19983           | -39.04      | -13         | Pass    | 17001       |



## 5. LTE\_Band2

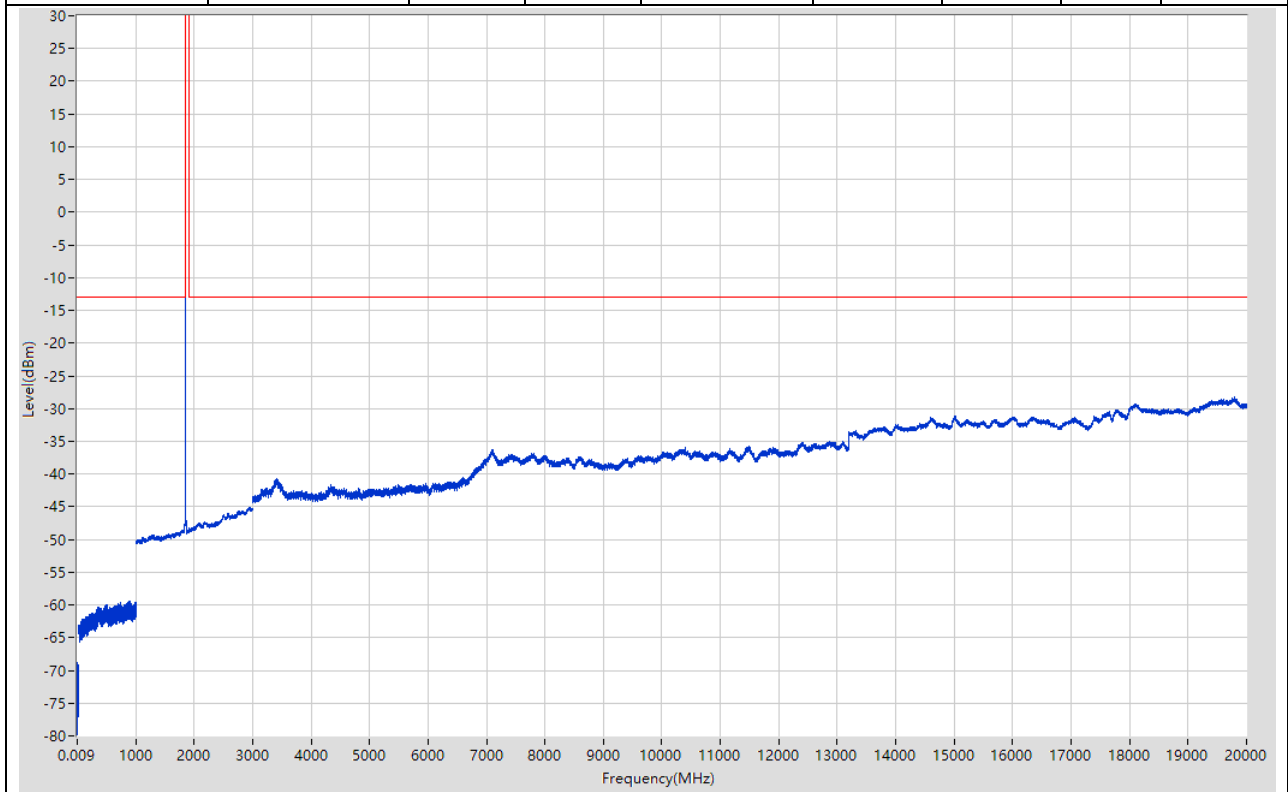
### 5.1. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.73      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.82           | -68.98      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 998.499         | -59.48      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -46.68      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 24.29       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2961            | -45.1       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11480           | -35.91      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19798           | -28.34      | -13         | Pass    | 8001        |



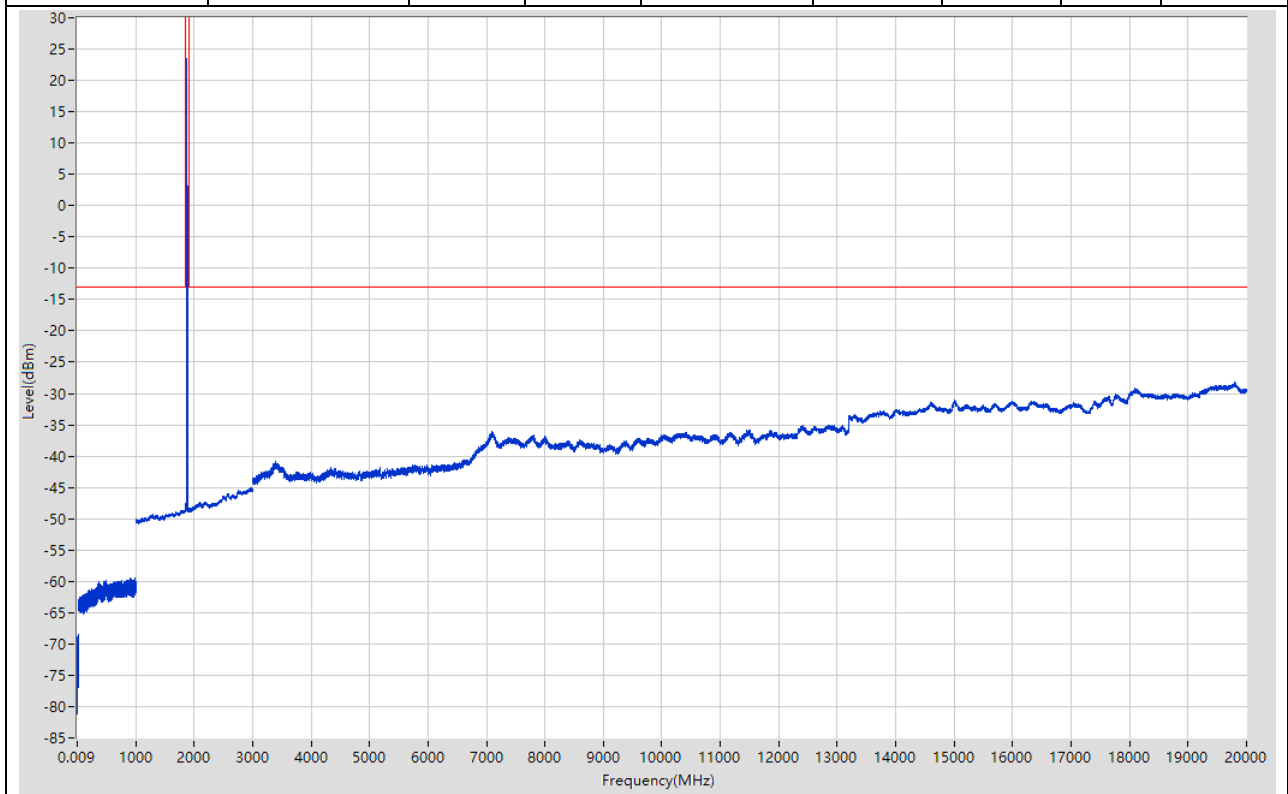
## 5.2. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.124           | -72.15      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.75      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 912.642         | -59.45      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -47.42      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 23.13       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2956            | -45.14      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11489           | -35.78      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19789           | -28.25      | -13         | Pass    | 8001        |



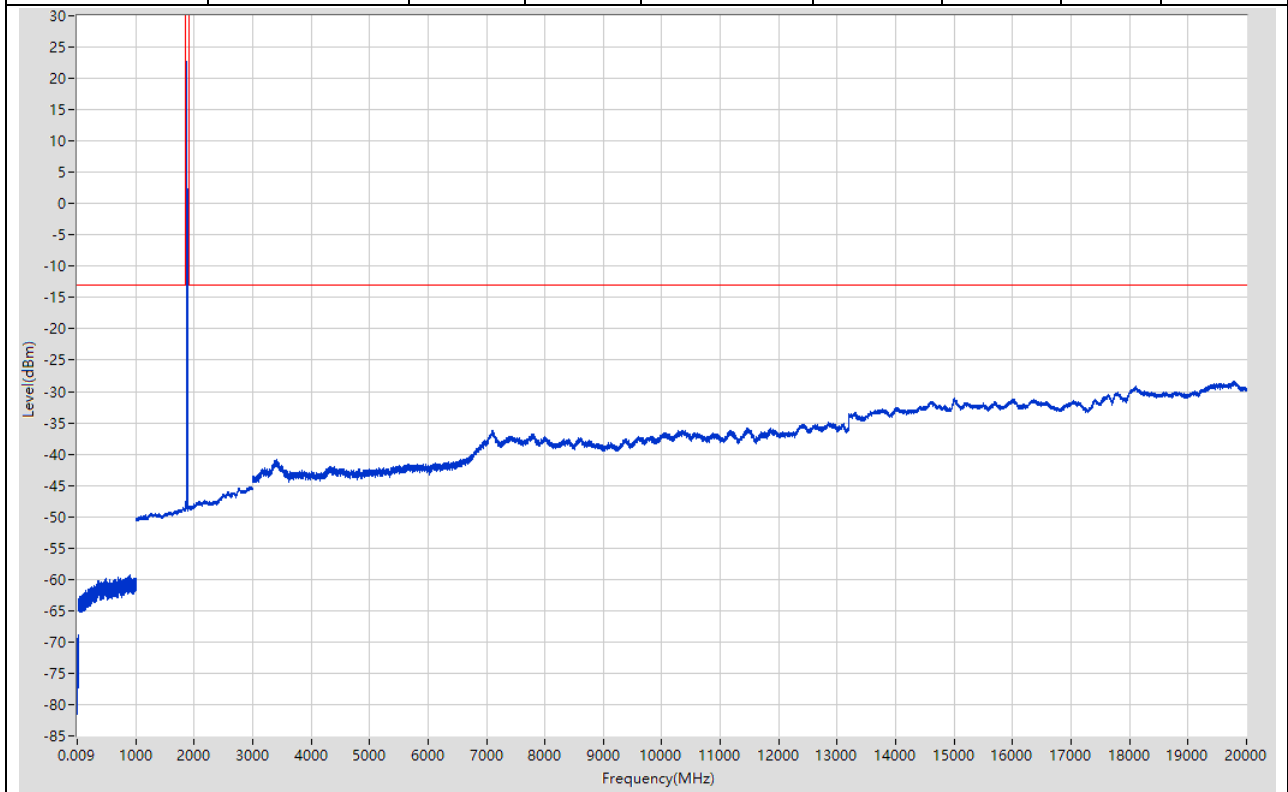
### 5.3. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detect or | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|-----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS       | 0.01            | -72.24      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS       | 23.36           | -68.52      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS       | 990.093         | -59.49      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS       | 1839            | -48.67      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS       | 1879.4          | 23.47       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS       | 2961            | -45.07      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS       | 11505           | -35.89      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS       | 19800           | -28.27      | -13         | Pass    | 8001        |



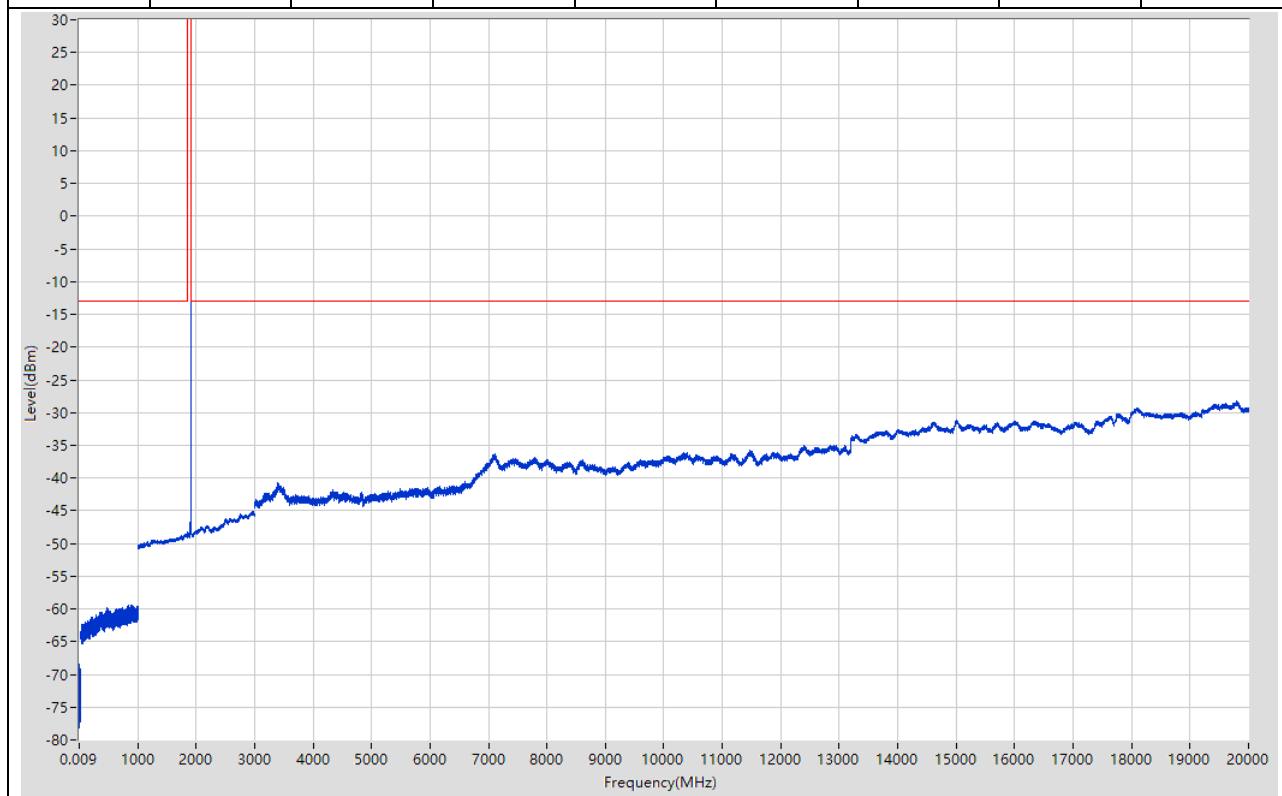
#### 5.4. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.047           | -72.06      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.52           | -68.85      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 906.138         | -59.29      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1817            | -48.49      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1879.4          | 22.67       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2963            | -45.23      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11473           | -35.89      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19790           | -28.38      | -13         | Pass    | 8001        |



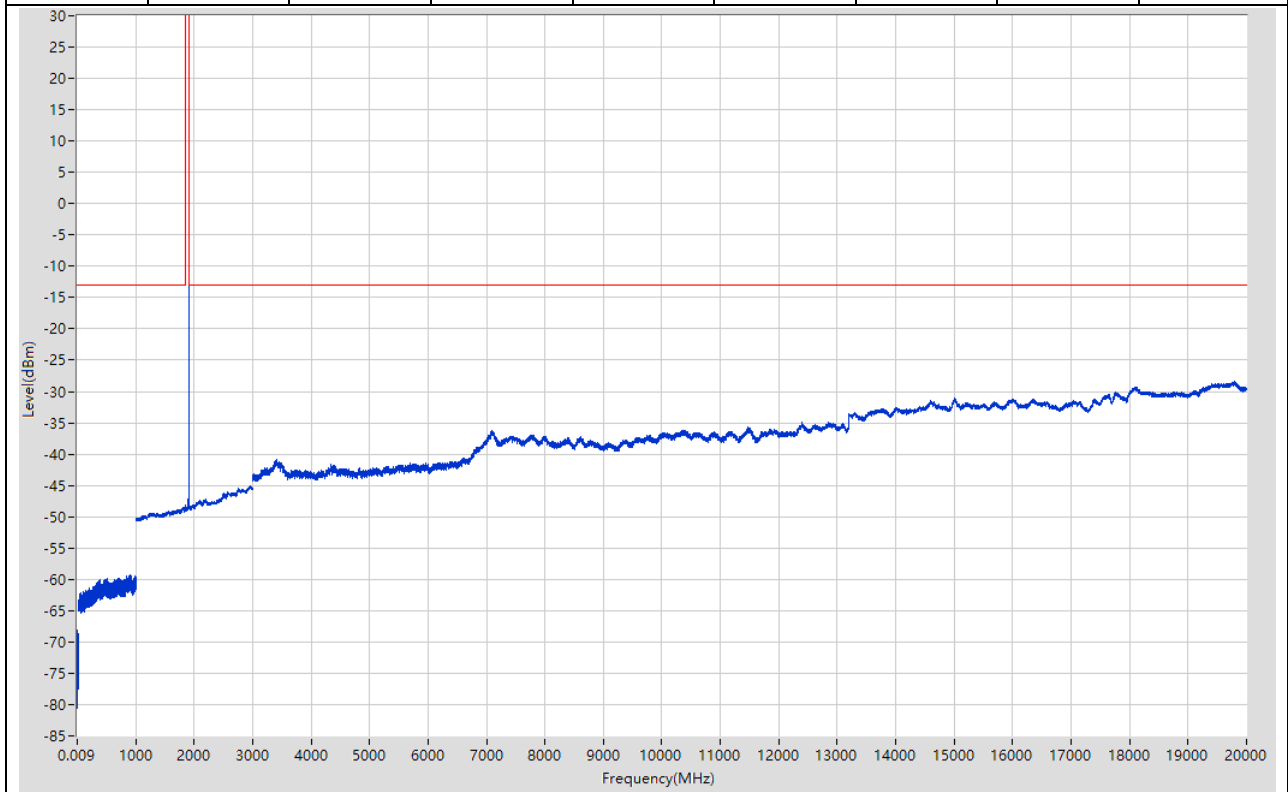
### 5.5. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.44      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.43      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 890.728         | -59.34      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1819            | -48.58      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1908.8          | 22.47       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2962            | -45.13      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11467           | -35.82      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19801           | -28.28      | -13         | Pass    | 8001        |



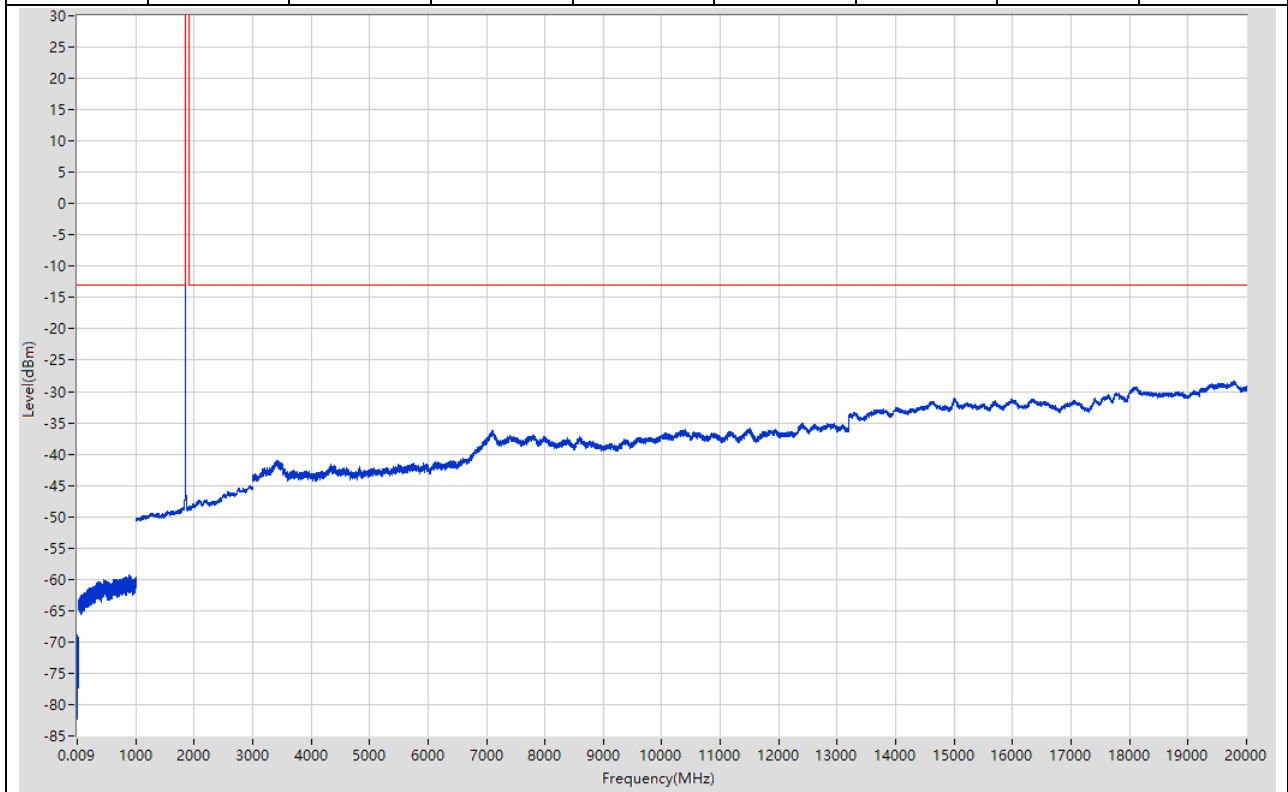
## 5.6. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -70.91      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -68.02      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 901.134         | -59.3       | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1804            | -48.54      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1908.8          | 21.68       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2963            | -45.09      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11461           | -35.73      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19798           | -28.35      | -13         | Pass    | 8001        |



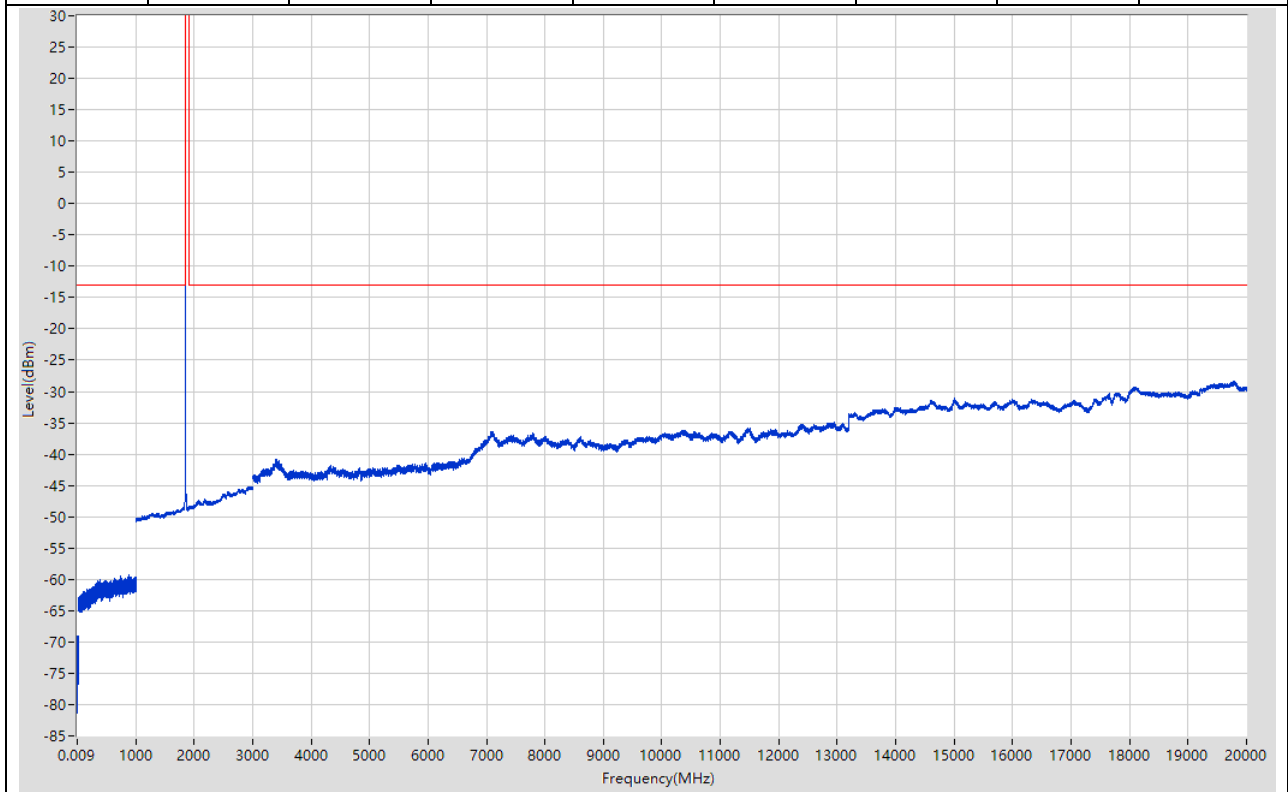
### 5.7. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -71.18      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 4.08            | -68.94      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 880.02          | -59.35      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -47.24      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 24.04       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2956            | -45.05      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11507           | -35.91      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19783           | -28.35      | -13         | Pass    | 8001        |



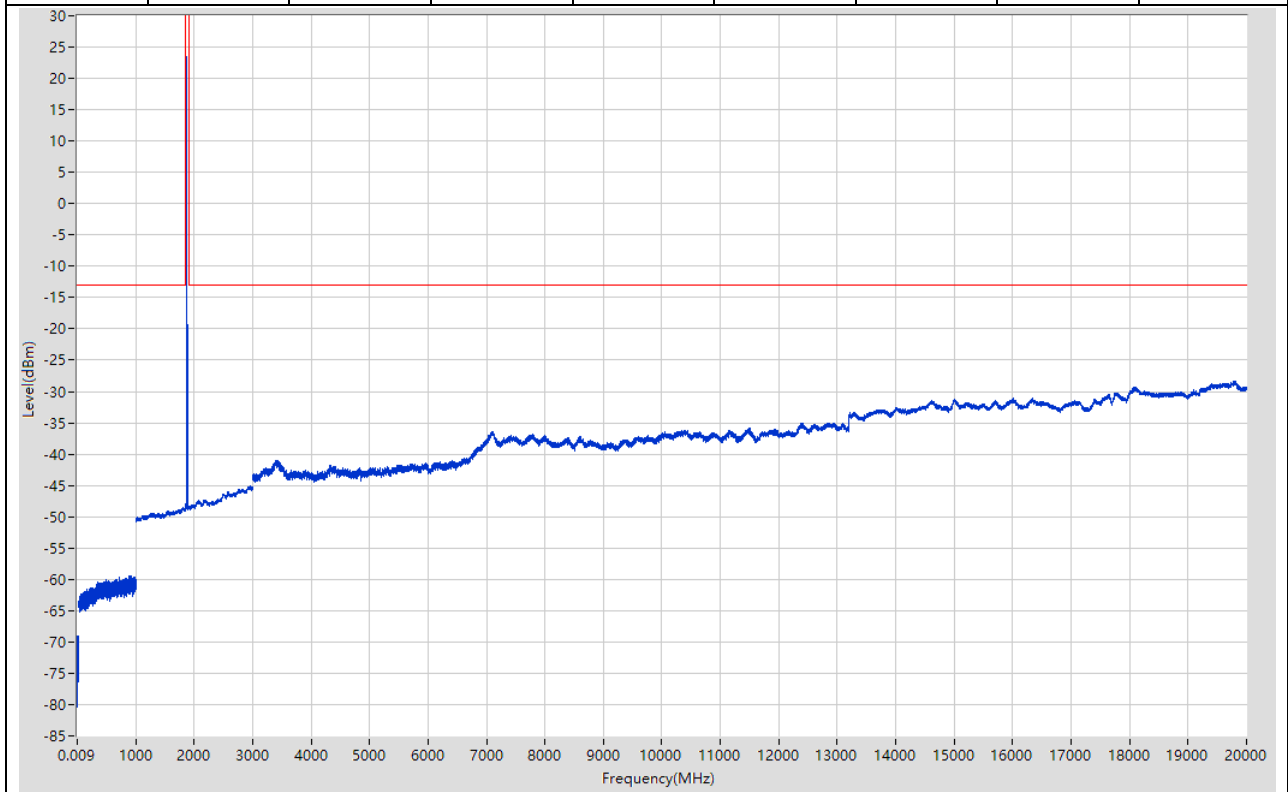
## 5.8. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.57      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.53            | -68.99      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 874.417         | -59.3       | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -47.42      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 23.07       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2994            | -45.25      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11478           | -35.92      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19784           | -28.32      | -13         | Pass    | 8001        |



### 5.9. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

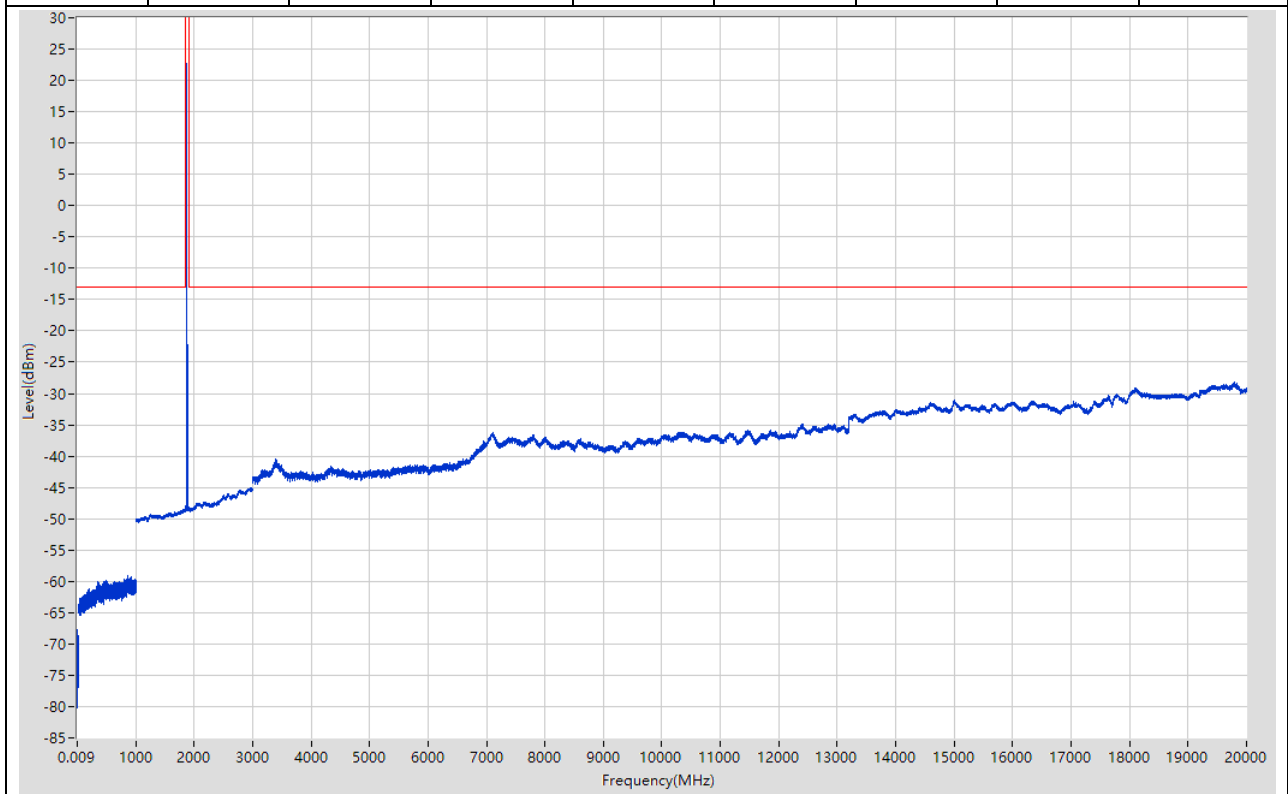
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.05            | -71.89      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 2.98            | -69.12      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 879.82          | -59.49      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1818            | -48.57      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1878.6          | 23.42       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2958            | -45.16      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11500           | -35.88      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19792           | -28.3       | -13         | Pass    | 8001        |



## 5.10. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

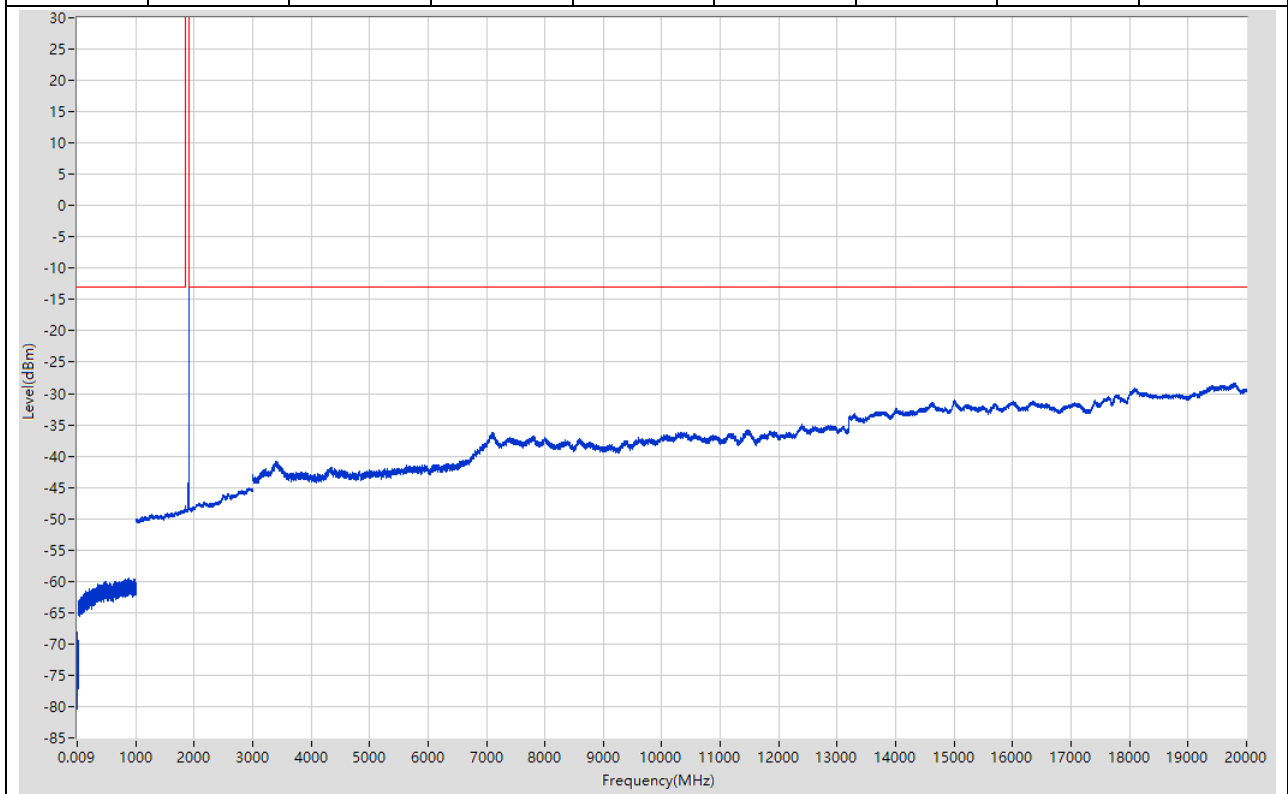
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.27      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.75      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 869.013         | -59         | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1831            | -48.46      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1878.6          | 22.64       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2962            | -45.04      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11865           | -35.88      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19798           | -28.26      | -13         | Pass    | 8001        |



### 5.11. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

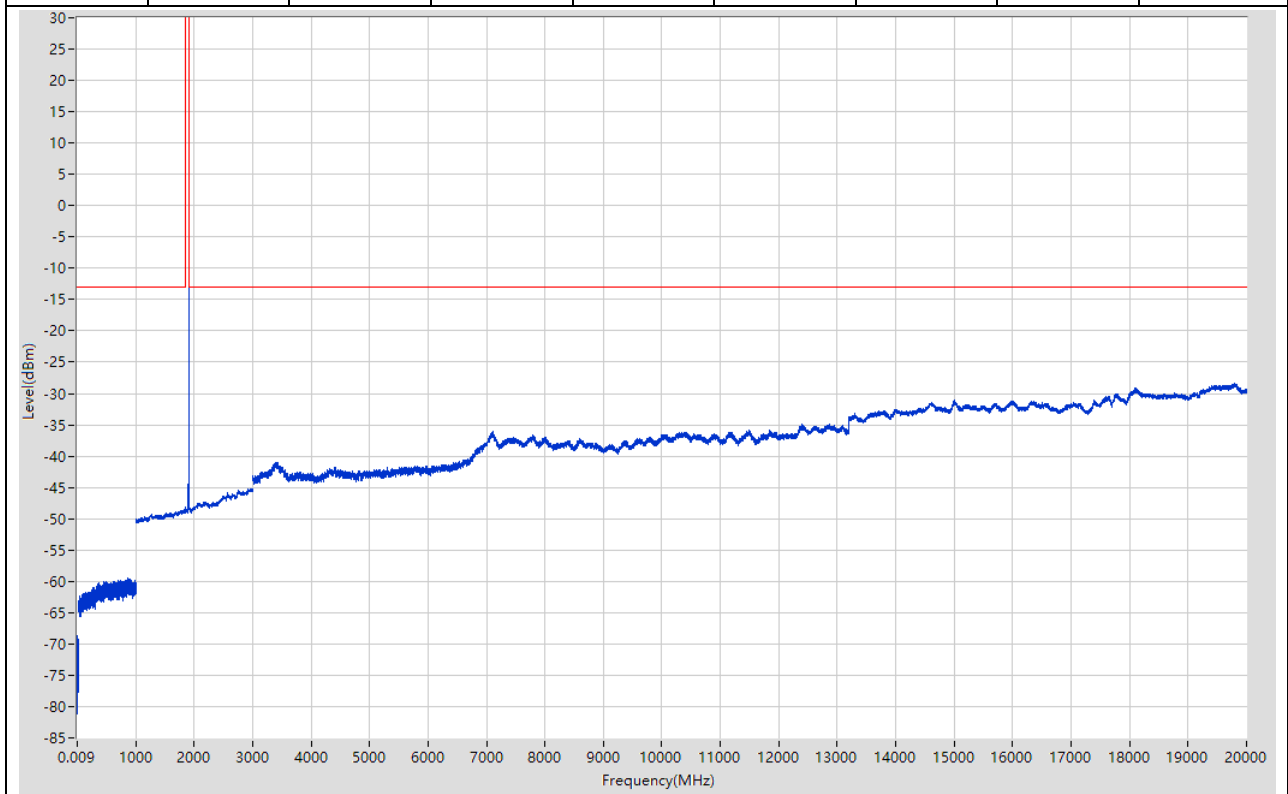
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.1             | -72.26      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -68.02      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 878.62          | -59.53      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1836            | -48.52      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1907.2          | 22.29       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2939            | -45.16      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11473           | -35.81      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19814           | -28.39      | -13         | Pass    | 8001        |



## 5.12. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

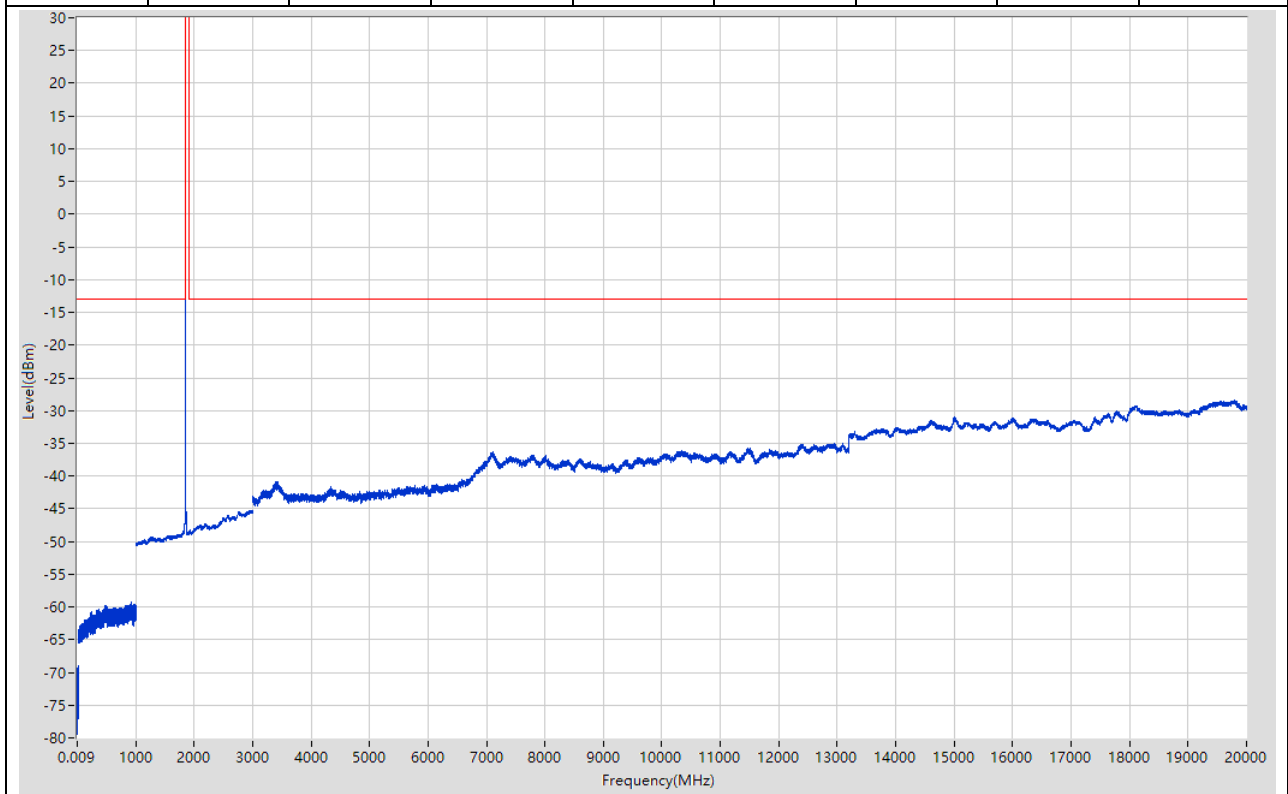
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.088           | -73.26      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.63      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 855.104         | -59.48      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1838            | -48.53      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1907.2          | 21.59       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2965            | -45.17      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11849           | -35.94      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19788           | -28.42      | -13         | Pass    | 8001        |



### 5.13. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

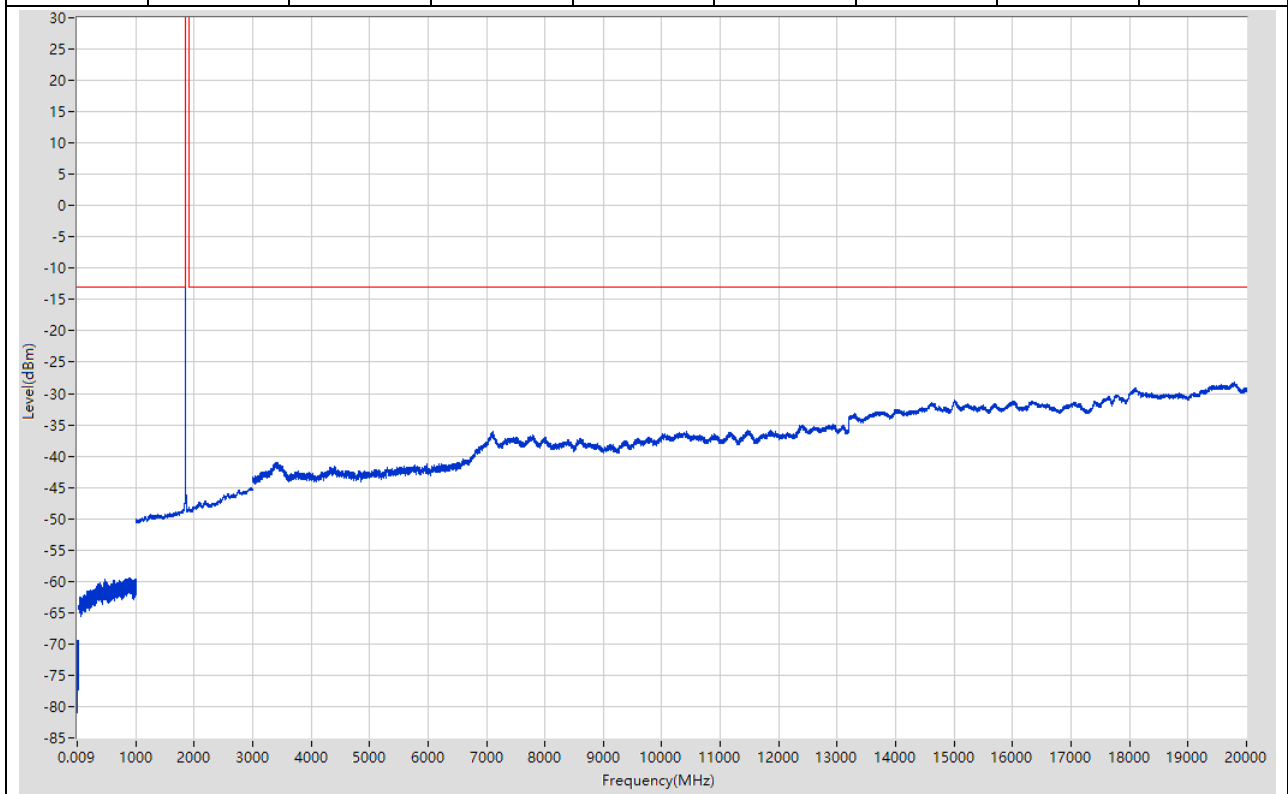
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.99      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.64           | -69.03      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 919.547         | -59.32      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -46.97      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 24.36       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2967            | -45.26      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11465           | -35.69      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19799           | -28.39      | -13         | Pass    | 8001        |



#### 5.14. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

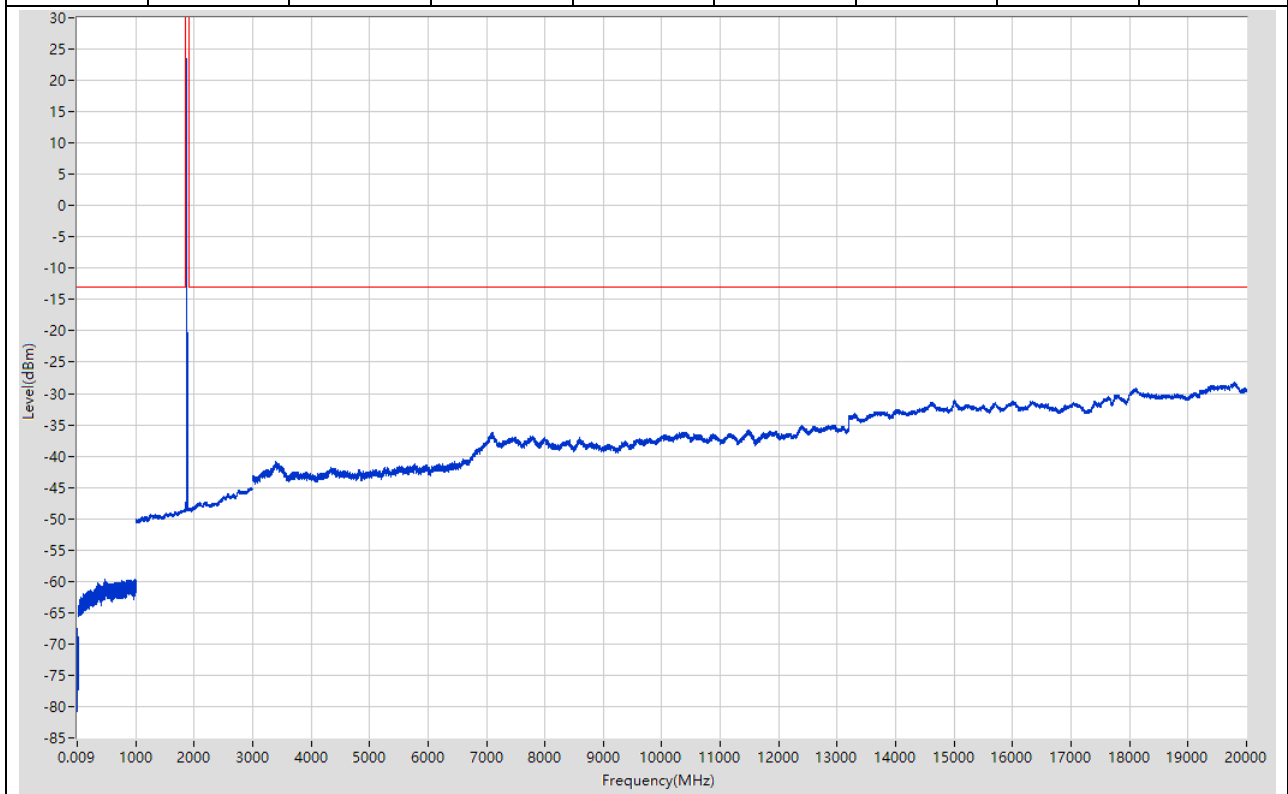
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -69.72      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.04           | -69.4       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 879.12          | -59.44      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -47.27      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 23.16       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2990            | -45.11      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11859           | -35.91      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19801           | -28.26      | -13         | Pass    | 8001        |



### 5.15. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

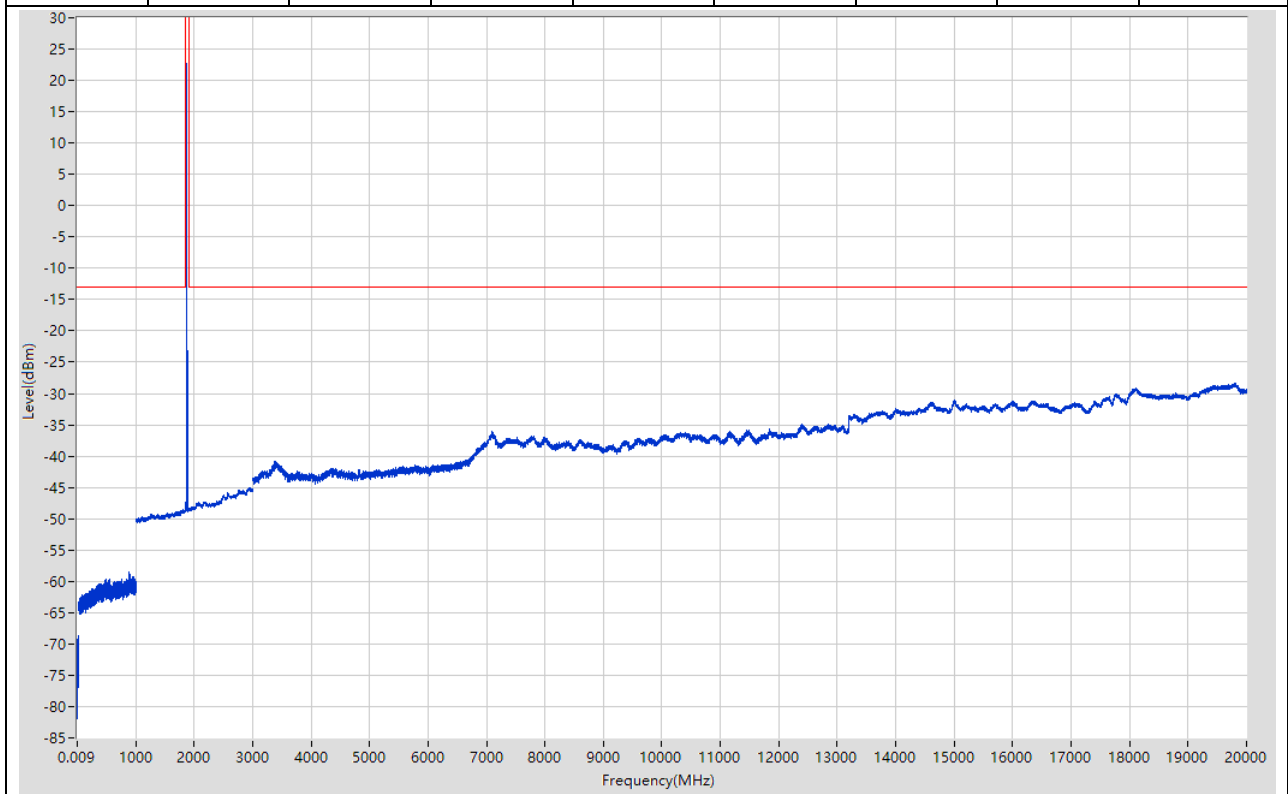
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.23      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.44      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 467.2           | -59.59      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -48.47      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1877.8          | 23.52       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2974            | -45.1       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11482           | -35.83      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19798           | -28.24      | -13         | Pass    | 8001        |



## 5.16. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

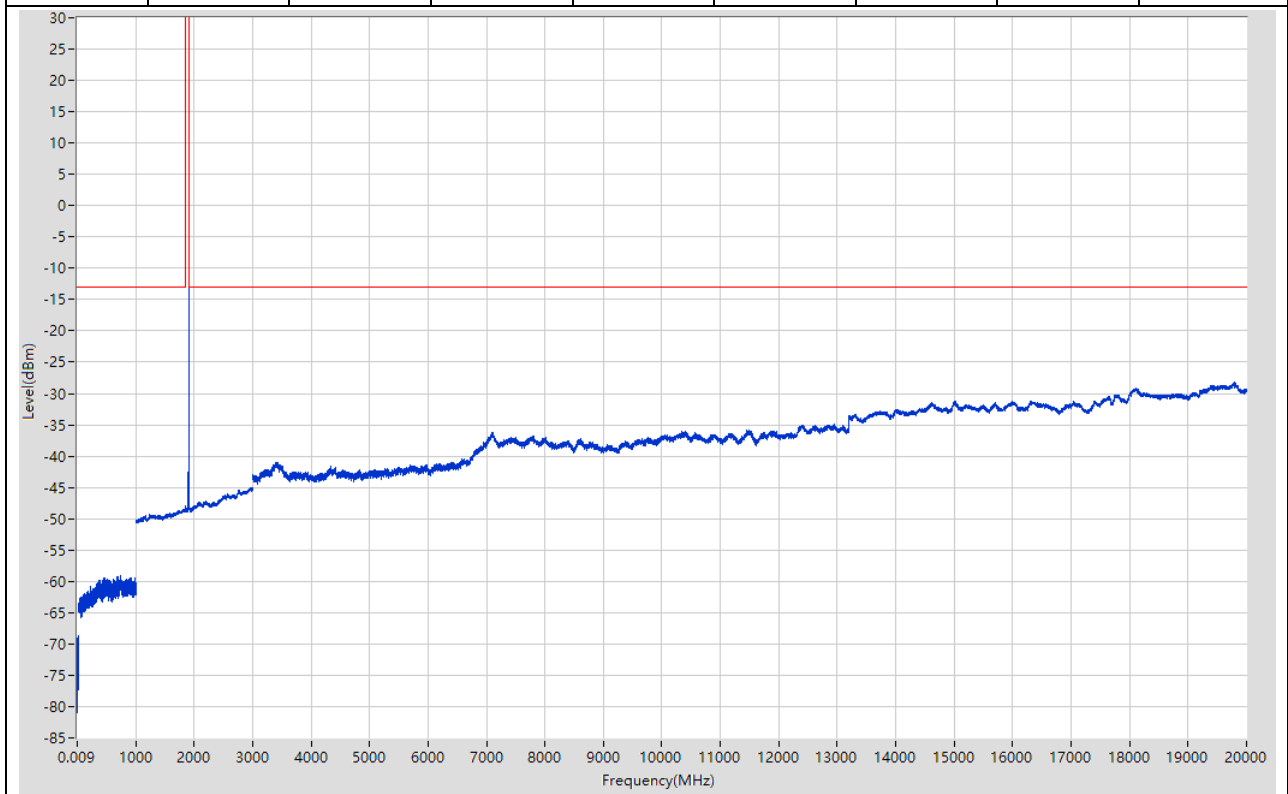
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.68      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15              | -68.61      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 882.122         | -58.46      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1803            | -48.62      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1877.8          | 22.8        | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2936            | -45.02      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11848           | -35.71      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19791           | -28.36      | -13         | Pass    | 8001        |



### 5.17. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

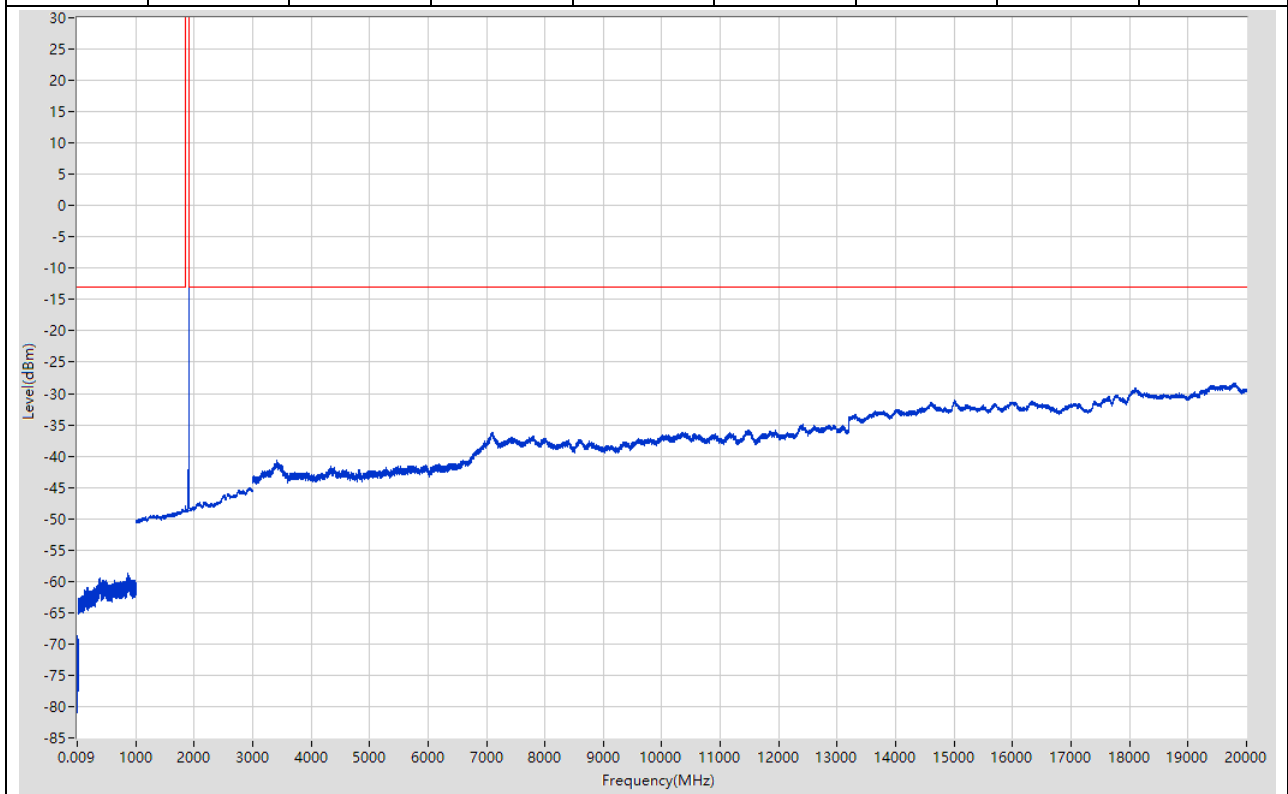
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -72         | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 13.45           | -68.7       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 746.8           | -59.16      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1813            | -48.5       | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1905.2          | 22.18       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2977            | -45.1       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11495           | -35.78      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19799           | -28.21      | -13         | Pass    | 8001        |



### 5.18. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

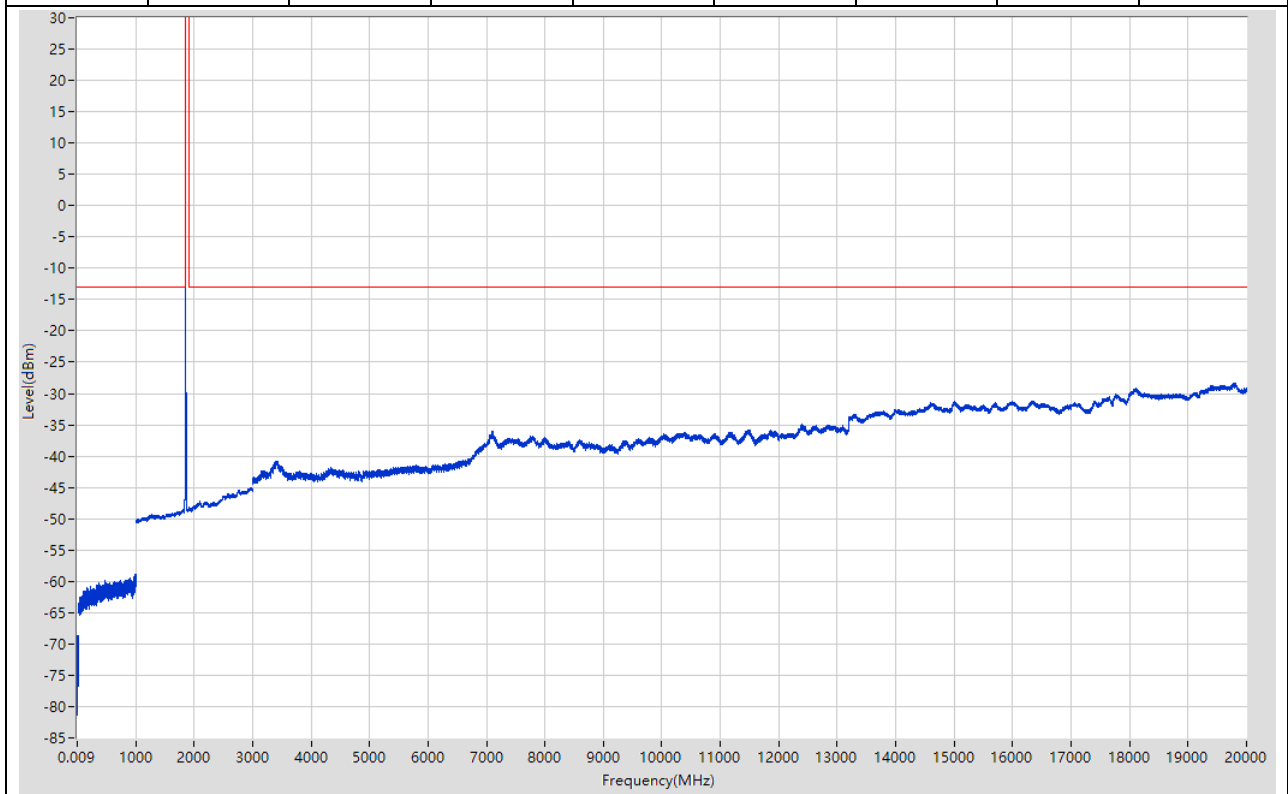
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -71.07      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.21            | -68.74      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 868.413         | -58.7       | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1799            | -48.52      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1905.2          | 21.61       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2948            | -45.08      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11476           | -35.79      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19778           | -28.35      | -13         | Pass    | 8001        |



### 5.19. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:18650, Bandwidth:10,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

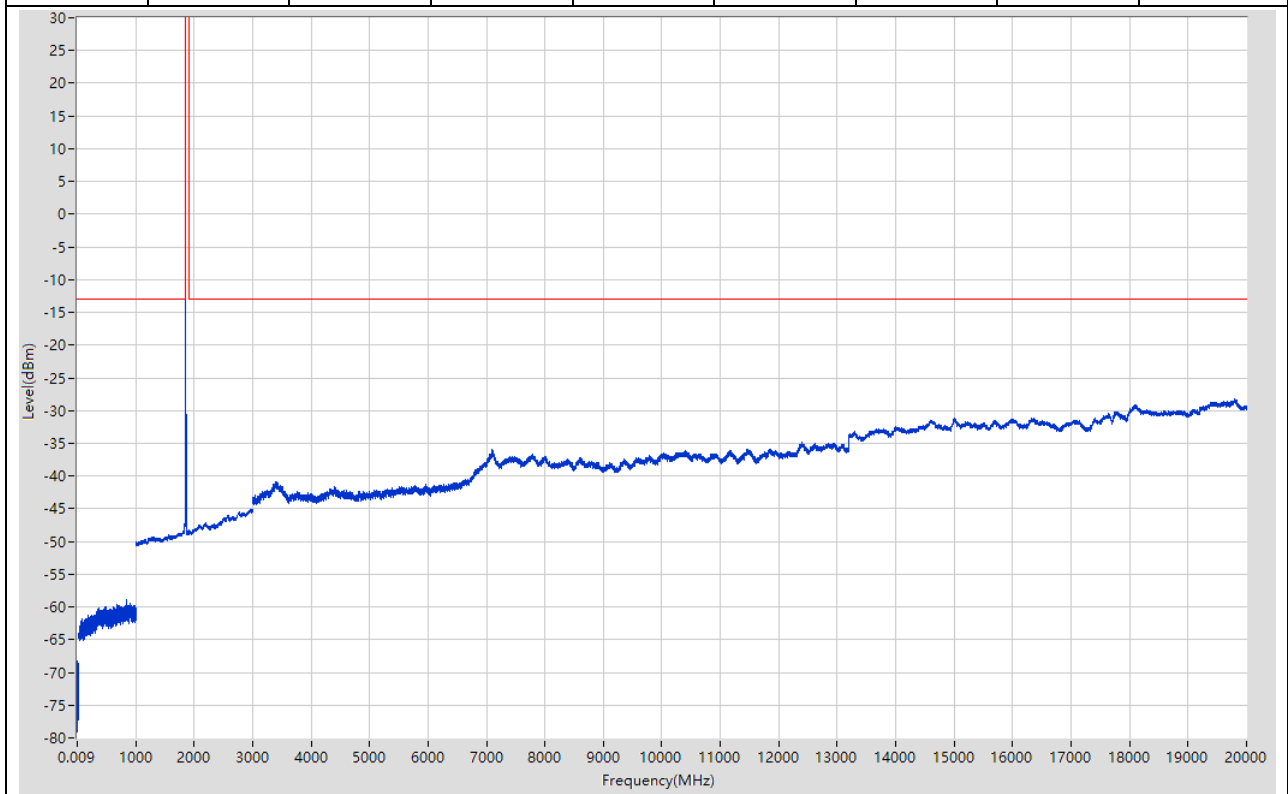
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.011               | -72.01         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 29.32               | -68.59         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 997.698             | -58.87         | -13            | Pass    | 9701           |
| 1000                         | 1840                        | 1            | RMS      | 1840                | -46.49         | -13            | Pass    | 841            |
| 1840                         | 1920                        | 1            | RMS      | 1850.4              | 24.59          | 60             | Pass    | 401            |
| 1920                         | 3000                        | 1            | RMS      | 2958                | -45.14         | -13            | Pass    | 1081           |
| 3000                         | 12000                       | 1            | RMS      | 11495               | -35.88         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19802               | -28.29         | -13            | Pass    | 8001           |



## 5.20. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

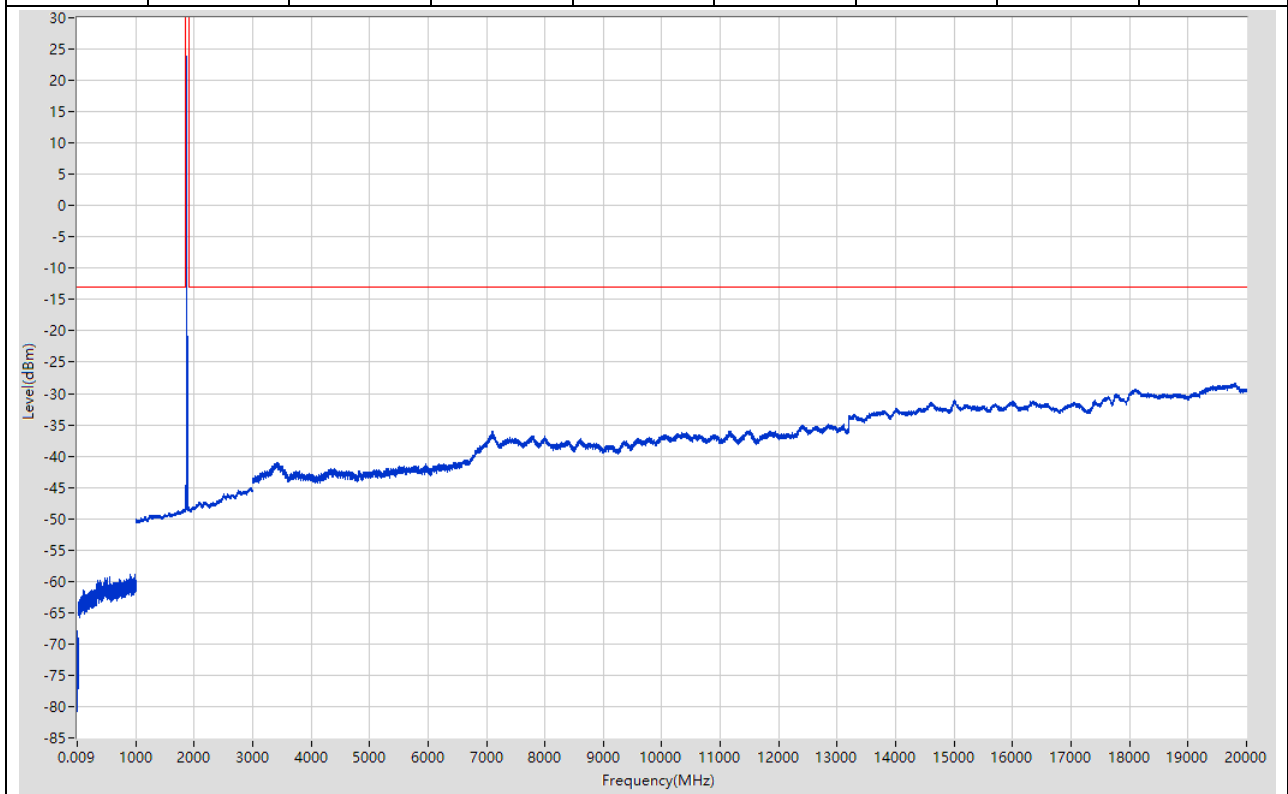
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -71.66      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -68.21      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 846.1           | -58.95      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -47.26      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.4          | 23.15       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2992            | -45.14      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11853           | -35.85      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19798           | -28.25      | -13         | Pass    | 8001        |



## 5.21. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

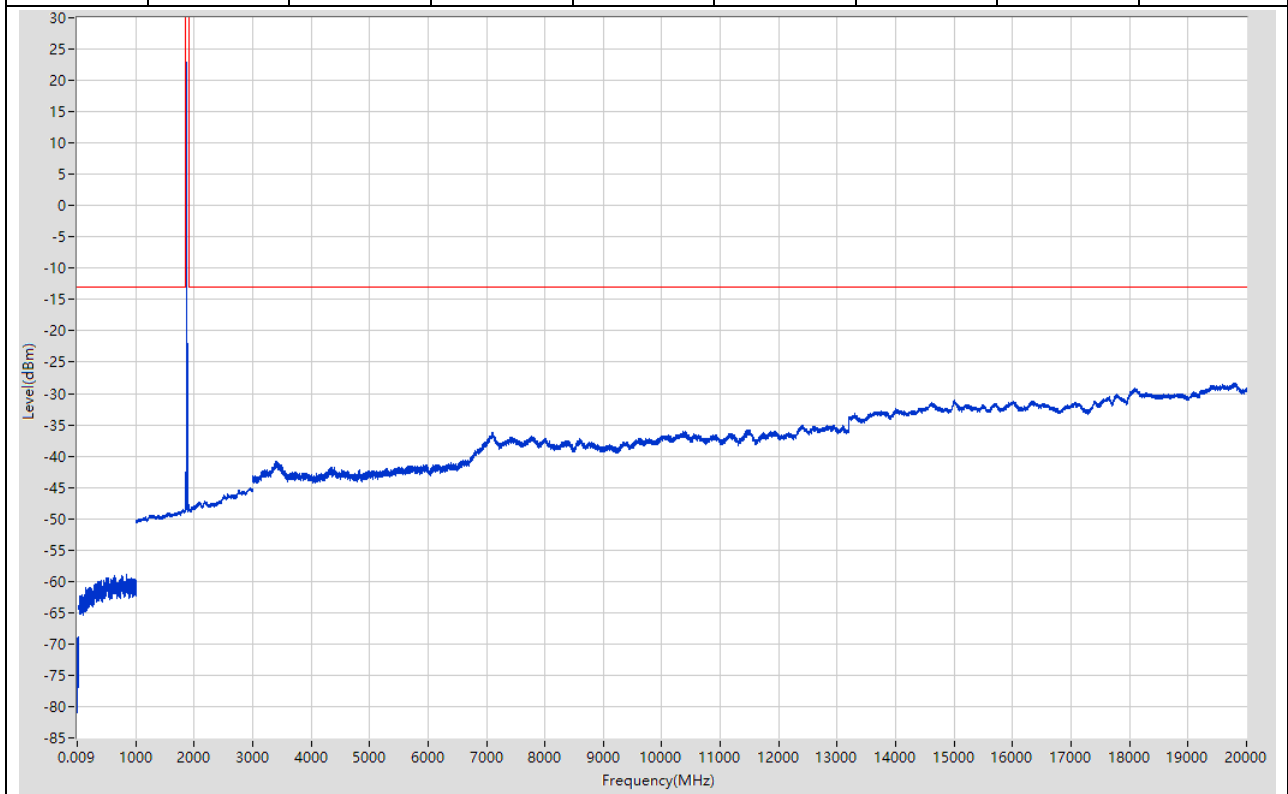
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.9       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.49            | -68         | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 980.187         | -58.9       | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -48.45      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1875.4          | 23.88       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2964            | -45.06      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11508           | -35.93      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19799           | -28.35      | -13         | Pass    | 8001        |



## 5.22. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

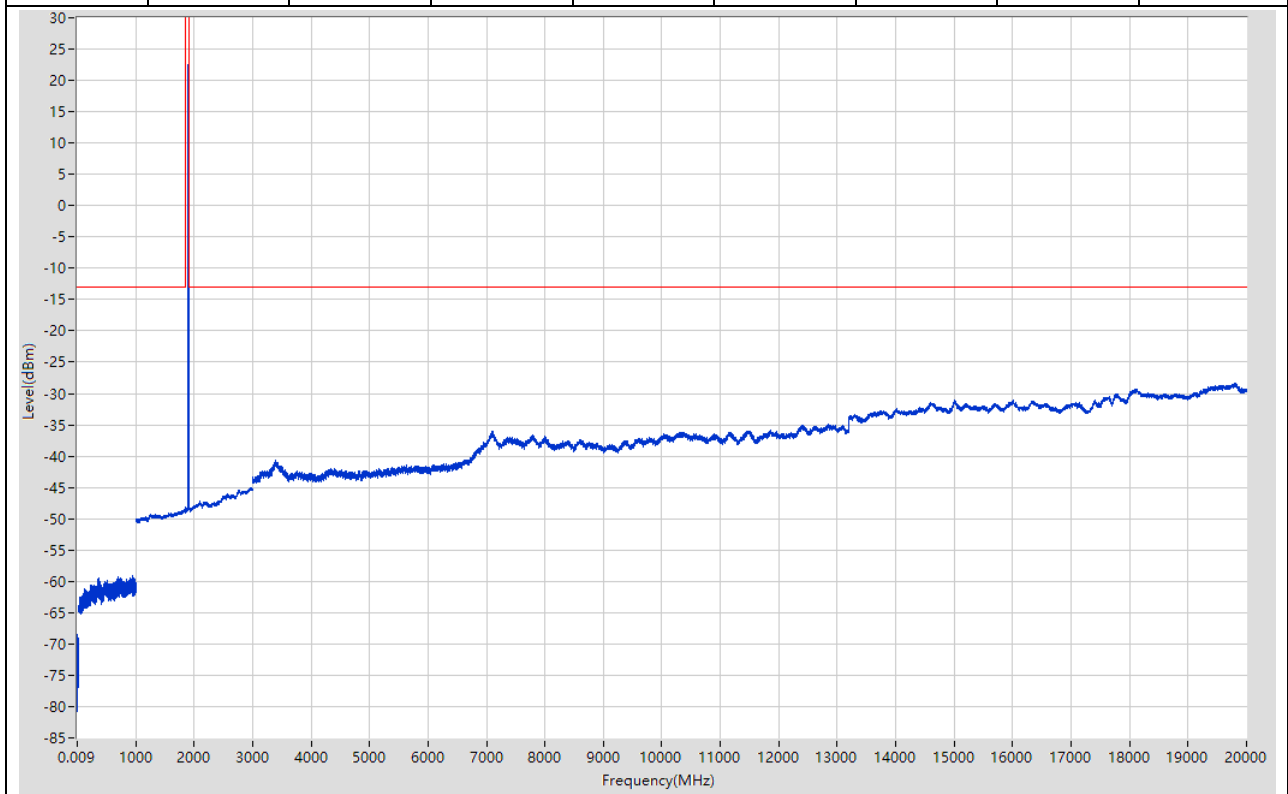
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -70.69      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 17.79           | -68.88      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 851.602         | -58.85      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1816            | -48.57      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1875.4          | 22.85       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2960            | -45.05      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11483           | -35.8       | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19792           | -28.29      | -13         | Pass    | 8001        |



### 5.23. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:19150, Bandwidth:10,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

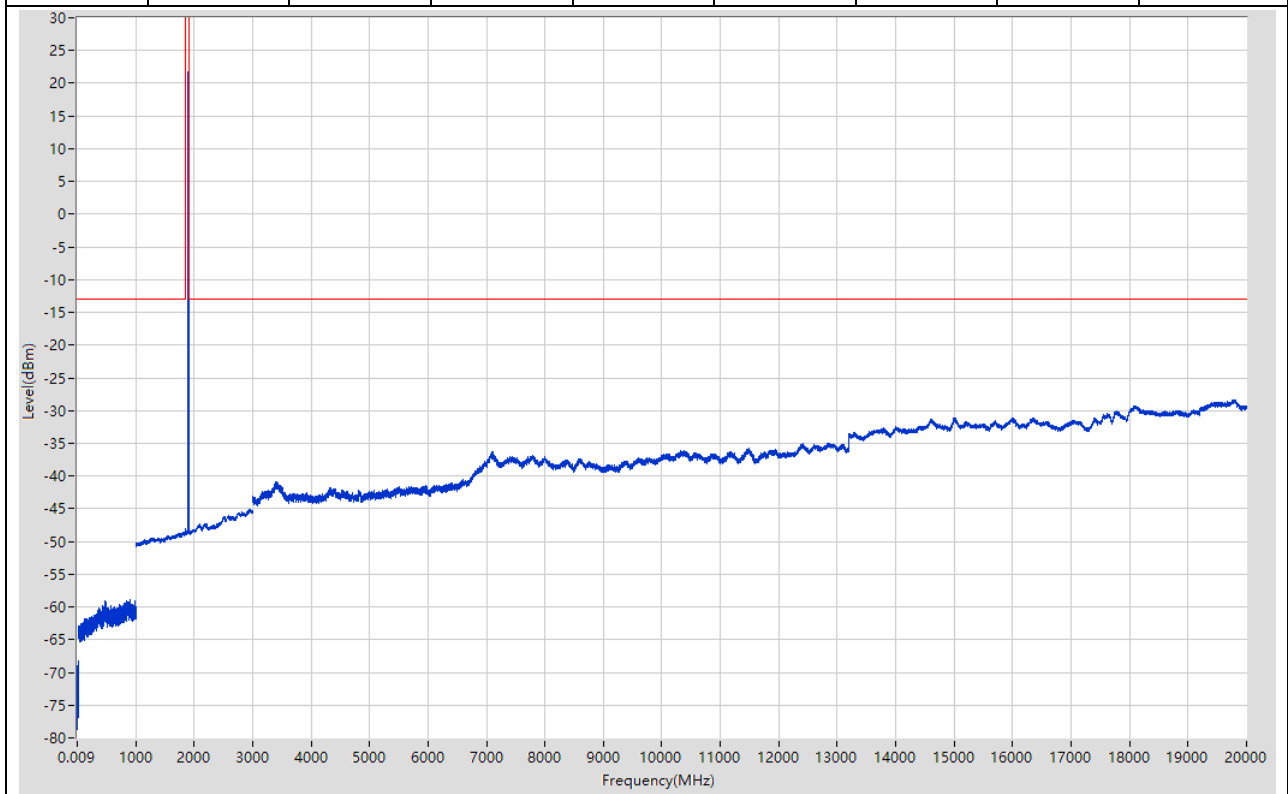
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.014               | -71.22         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 1.49                | -68.55         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 954.67              | -59.06         | -13            | Pass    | 9701           |
| 1000                         | 1840                        | 1            | RMS      | 1821                | -48.6          | -13            | Pass    | 841            |
| 1840                         | 1920                        | 1            | RMS      | 1900.4              | 22.55          | 60             | Pass    | 401            |
| 1920                         | 3000                        | 1            | RMS      | 2965                | -45.09         | -13            | Pass    | 1081           |
| 3000                         | 12000                       | 1            | RMS      | 11863               | -35.87         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19806               | -28.43         | -13            | Pass    | 8001           |



## 5.24. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

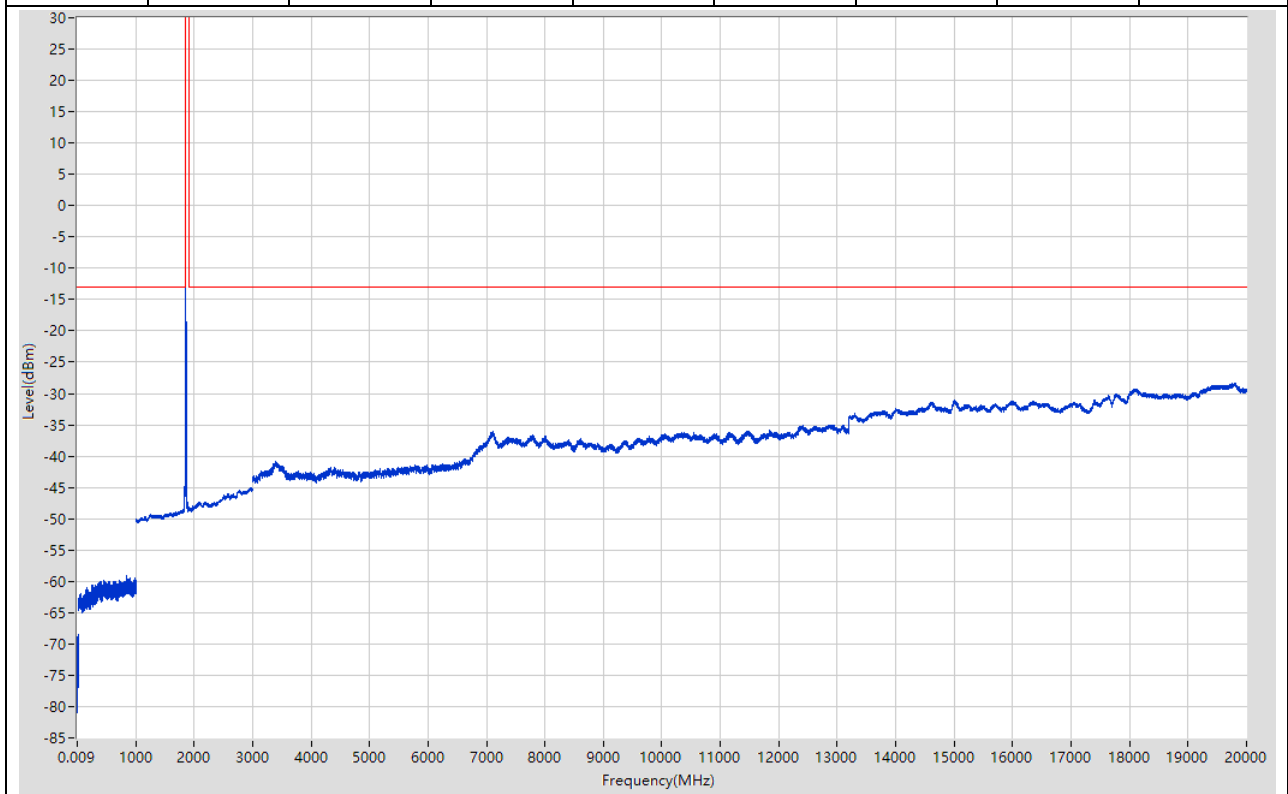
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.015           | -70.74      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 25.59           | -68.33      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 901.635         | -58.94      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1818            | -48.56      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1900.4          | 21.69       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2965            | -45.12      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11498           | -35.76      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19821           | -28.39      | -13         | Pass    | 8001        |



## 5.25. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:25, Channel:18675, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

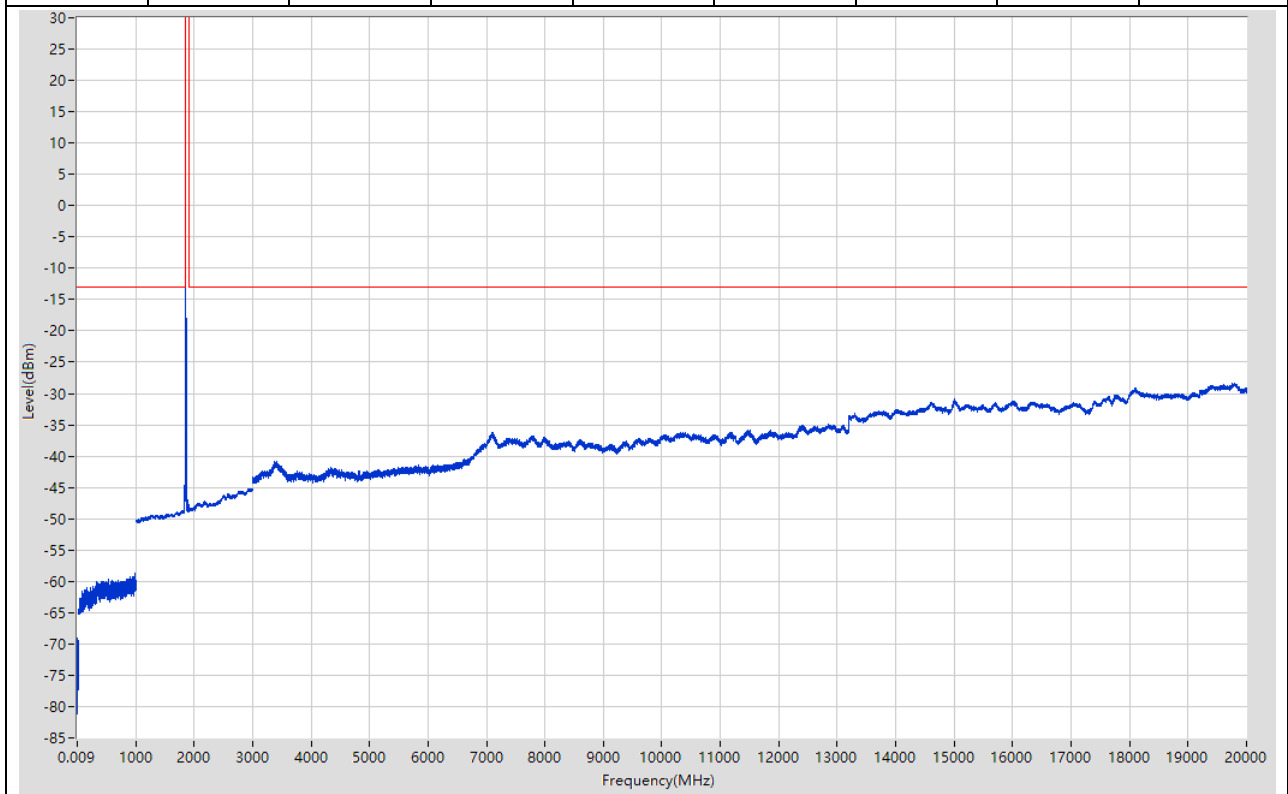
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.054               | -71.78         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 17.24               | -68.47         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 850.101             | -59.09         | -13            | Pass    | 9701           |
| 1000                         | 1840                        | 1            | RMS      | 1838                | -44.83         | -13            | Pass    | 841            |
| 1840                         | 1920                        | 1            | RMS      | 1850.8              | 24.43          | 60             | Pass    | 401            |
| 1920                         | 3000                        | 1            | RMS      | 2957                | -45.06         | -13            | Pass    | 1081           |
| 3000                         | 12000                       | 1            | RMS      | 11840               | -35.92         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19805               | -28.35         | -13            | Pass    | 8001           |



## 5.26. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:26, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

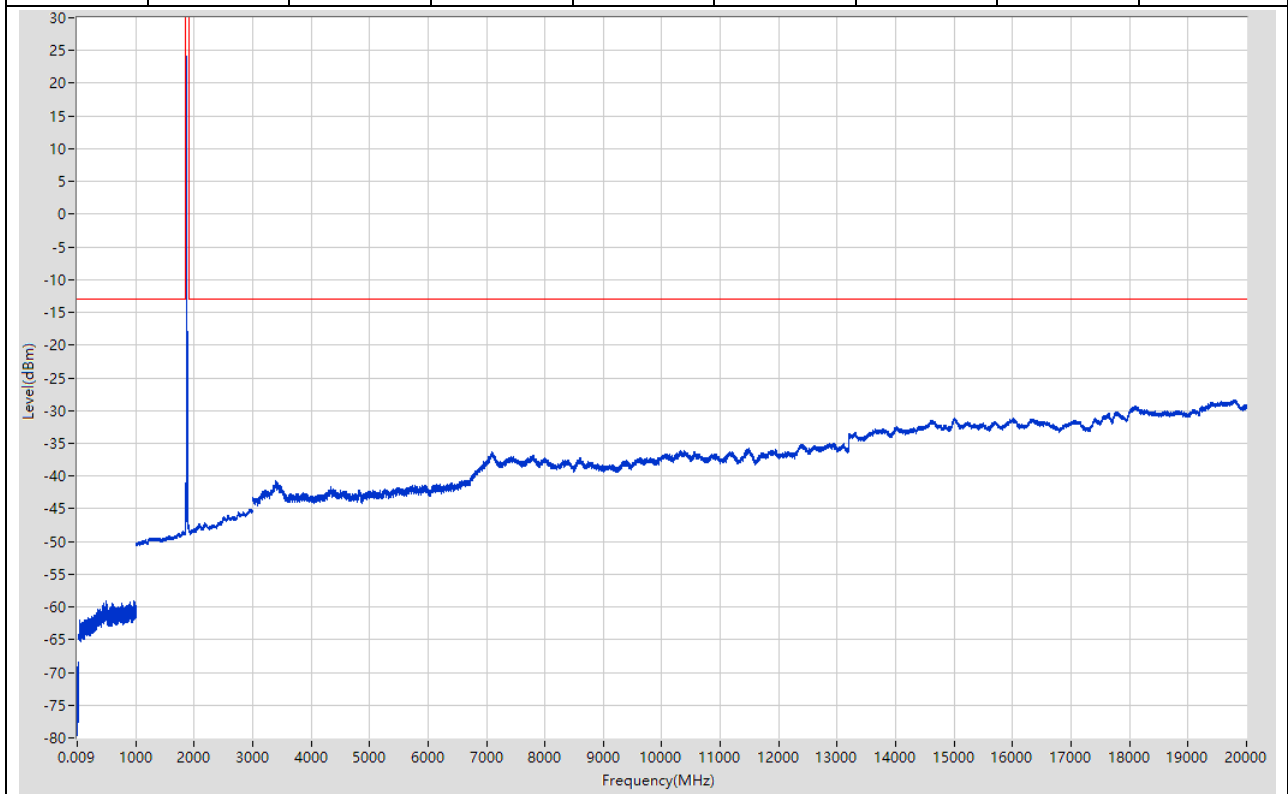
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.09            | -71.74      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 6.06            | -69         | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 978.786         | -58.72      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1838            | -44.59      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.8          | 23.23       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2933            | -45.2       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11852           | -35.84      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19795           | -28.3       | -13         | Pass    | 8001        |



## 5.27. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:27, Channel:18900, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

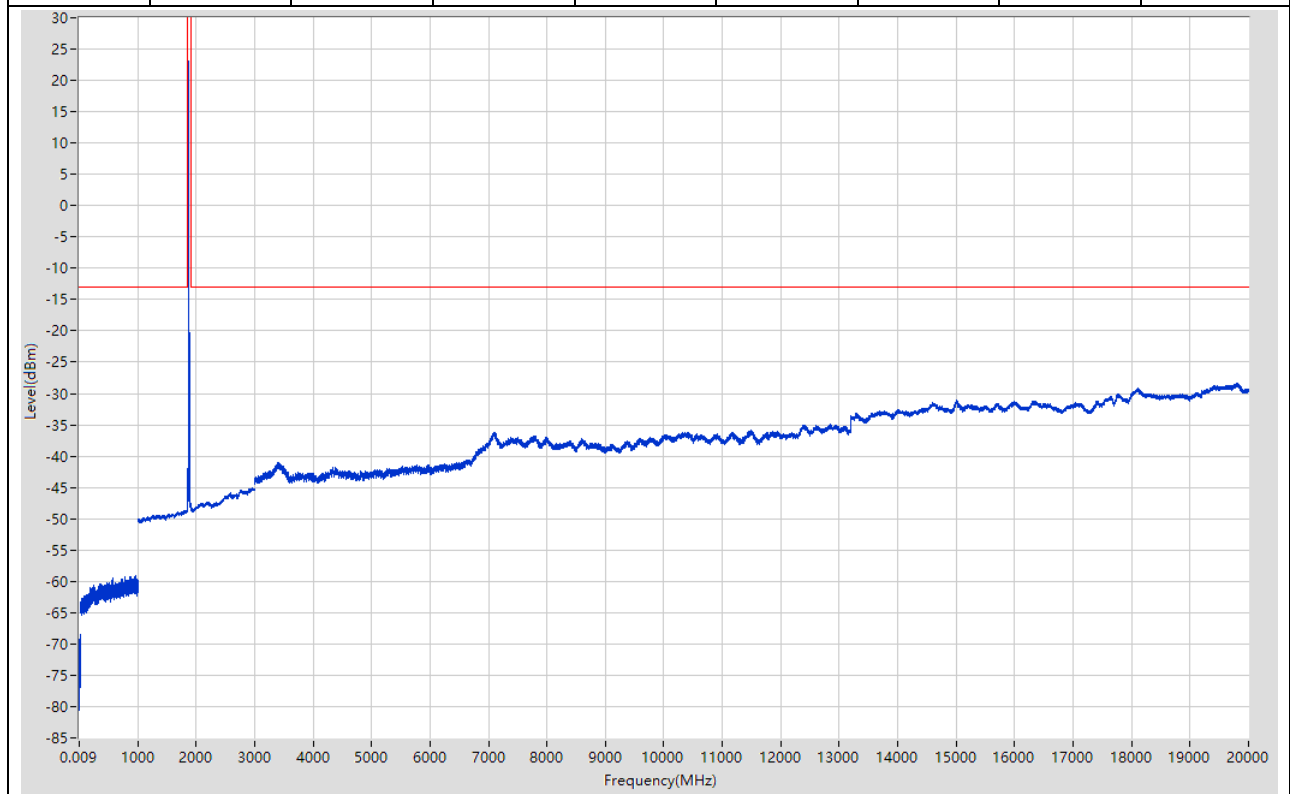
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.071           | -71.94      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 27.72           | -68.46      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 973.482         | -59.1       | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1814            | -48.49      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1873.2          | 24.05       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2957            | -45.1       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11488           | -35.82      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19803           | -28.36      | -13         | Pass    | 8001        |



## 5.28. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:28, Channel:18900, Bandwidth:15,  
Modulation:Q16, RB Number: 1, RB Position:LOW)

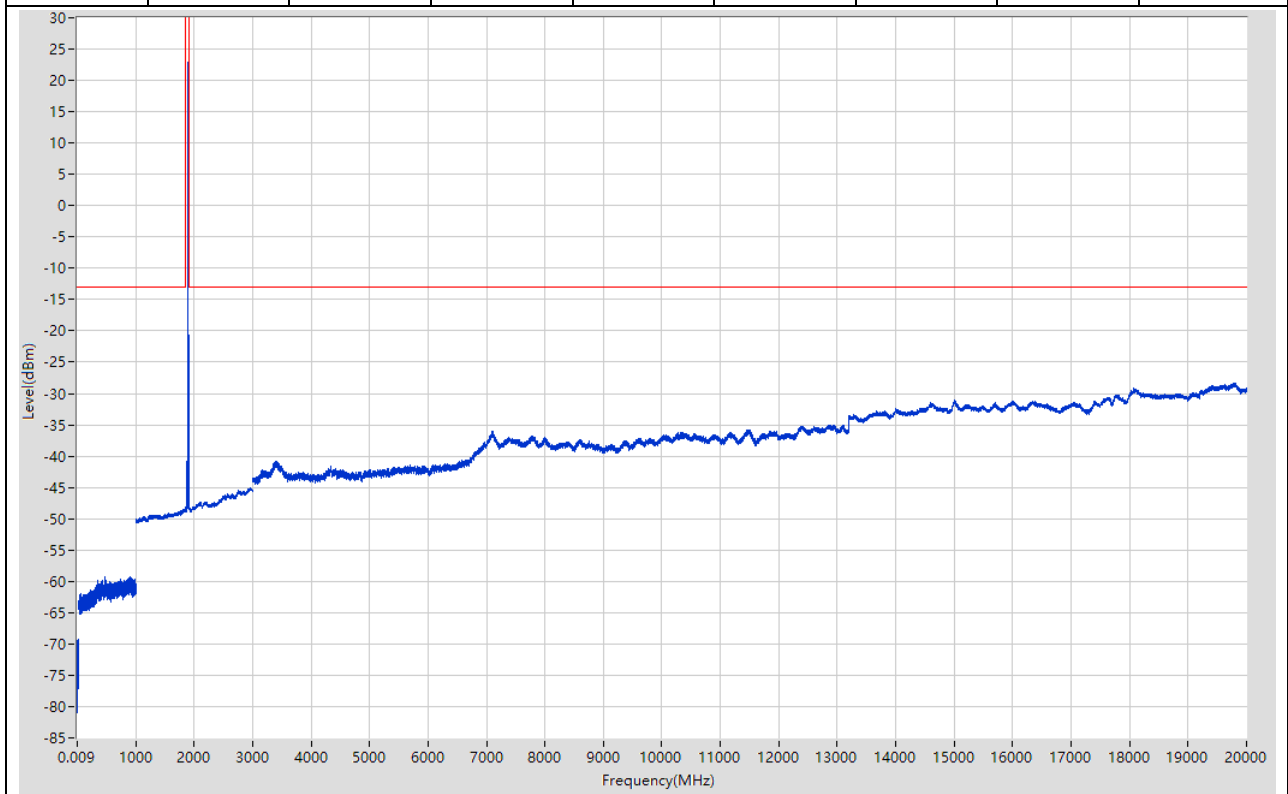
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.072               | -71.18         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 21.47               | -68.54         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 958.372             | -59.18         | -13            | Pass    | 9701           |
| 1000                         | 1840                        | 1            | RMS      | 1832                | -48.64         | -13            | Pass    | 841            |
| 1840                         | 1920                        | 1            | RMS      | 1873.2              | 23.1           | 60             | Pass    | 401            |
| 1920                         | 3000                        | 1            | RMS      | 2969                | -45.14         | -13            | Pass    | 1081           |
| 3000                         | 12000                       | 1            | RMS      | 11483               | -35.8          | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19804               | -28.33         | -13            | Pass    | 8001           |



## 5.29. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:29, Channel:19125, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

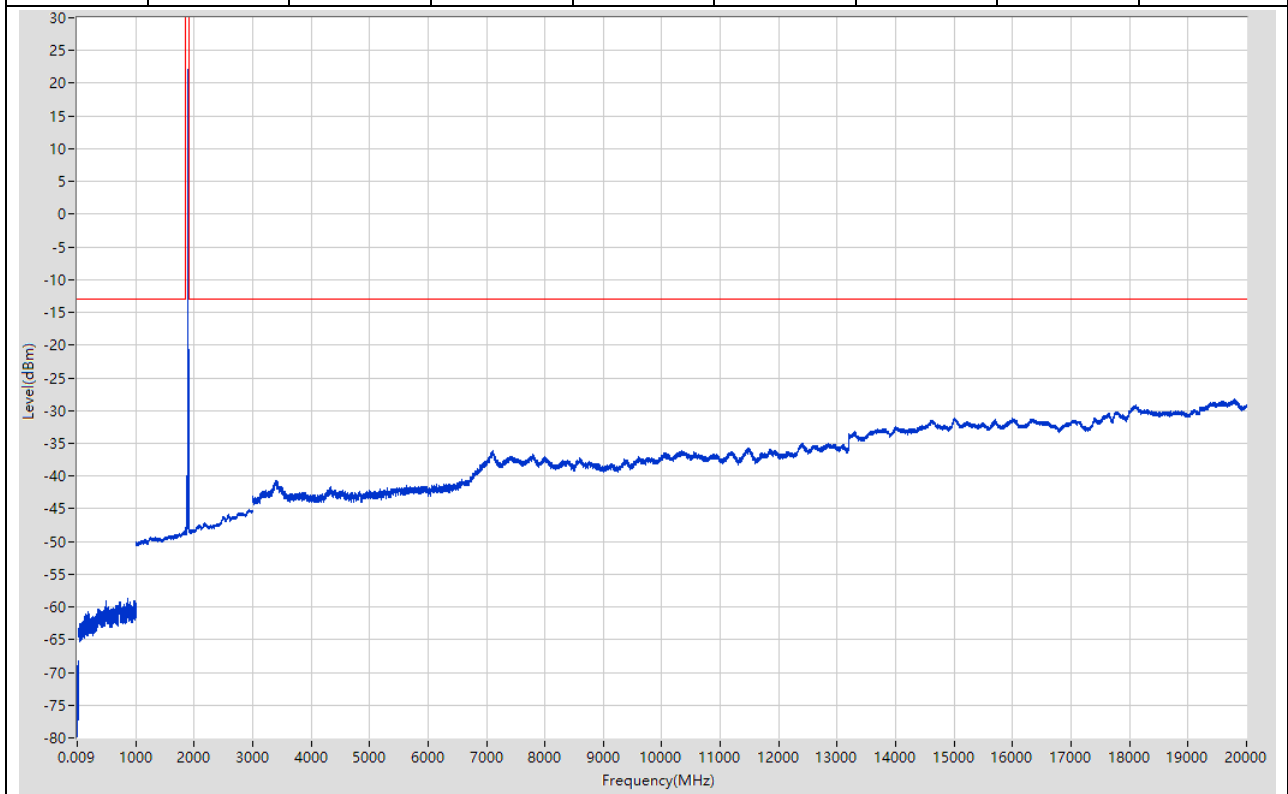
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.01                | -71.15         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 19.61               | -69.19         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 478.5               | -59.28         | -13            | Pass    | 9701           |
| 1000                         | 1840                        | 1            | RMS      | 1823                | -48.47         | -13            | Pass    | 841            |
| 1840                         | 1920                        | 1            | RMS      | 1895.8              | 22.97          | 60             | Pass    | 401            |
| 1920                         | 3000                        | 1            | RMS      | 2967                | -45.09         | -13            | Pass    | 1081           |
| 3000                         | 12000                       | 1            | RMS      | 11502               | -35.77         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19808               | -28.32         | -13            | Pass    | 8001           |



### 5.30. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

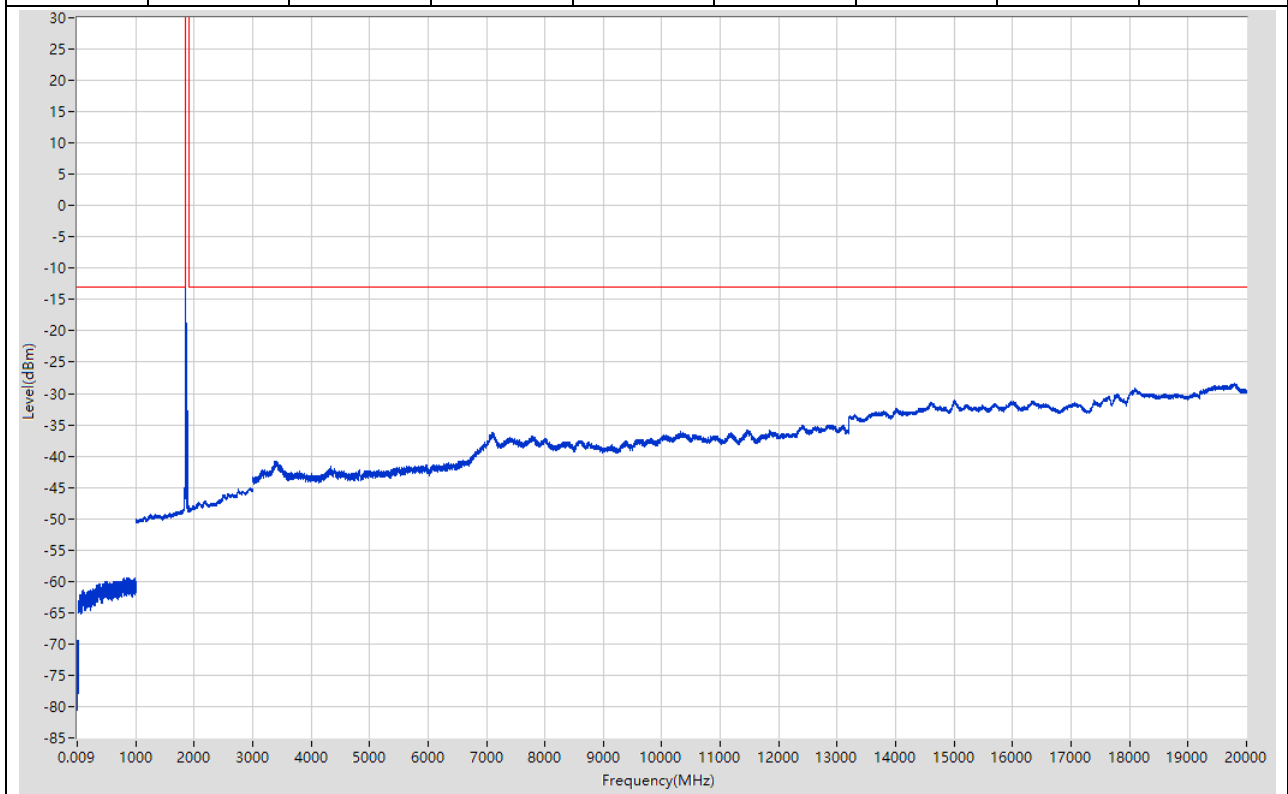
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -71.31      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.2            | -68.18      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 865.011         | -58.73      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1832            | -48.43      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1895.8          | 22.18       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2936            | -45.16      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11462           | -35.77      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19793           | -28.27      | -13         | Pass    | 8001        |



### 5.31. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

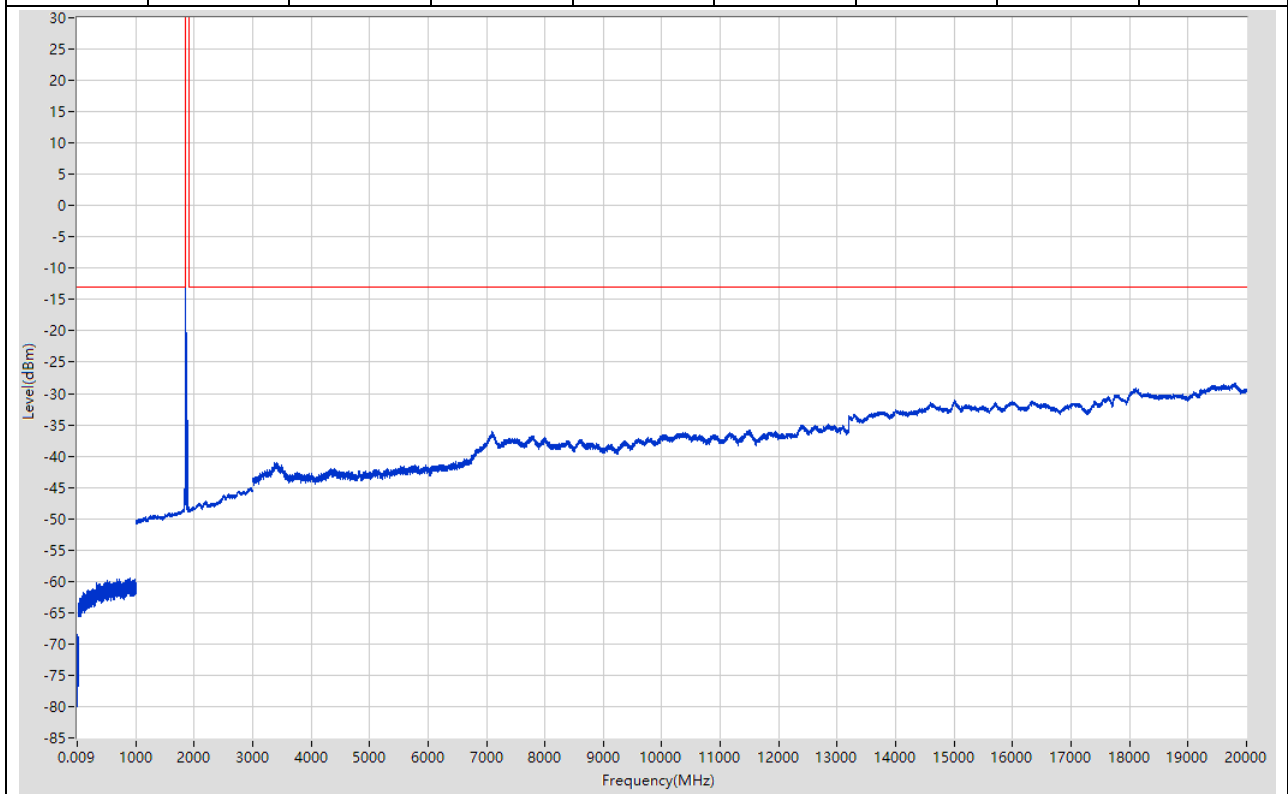
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -71.27      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.35            | -69.49      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 838.4           | -59.46      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1833            | -45.01      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1851            | 24.56       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2958            | -45.1       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11471           | -35.85      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19793           | -28.42      | -13         | Pass    | 8001        |



### 5.32. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

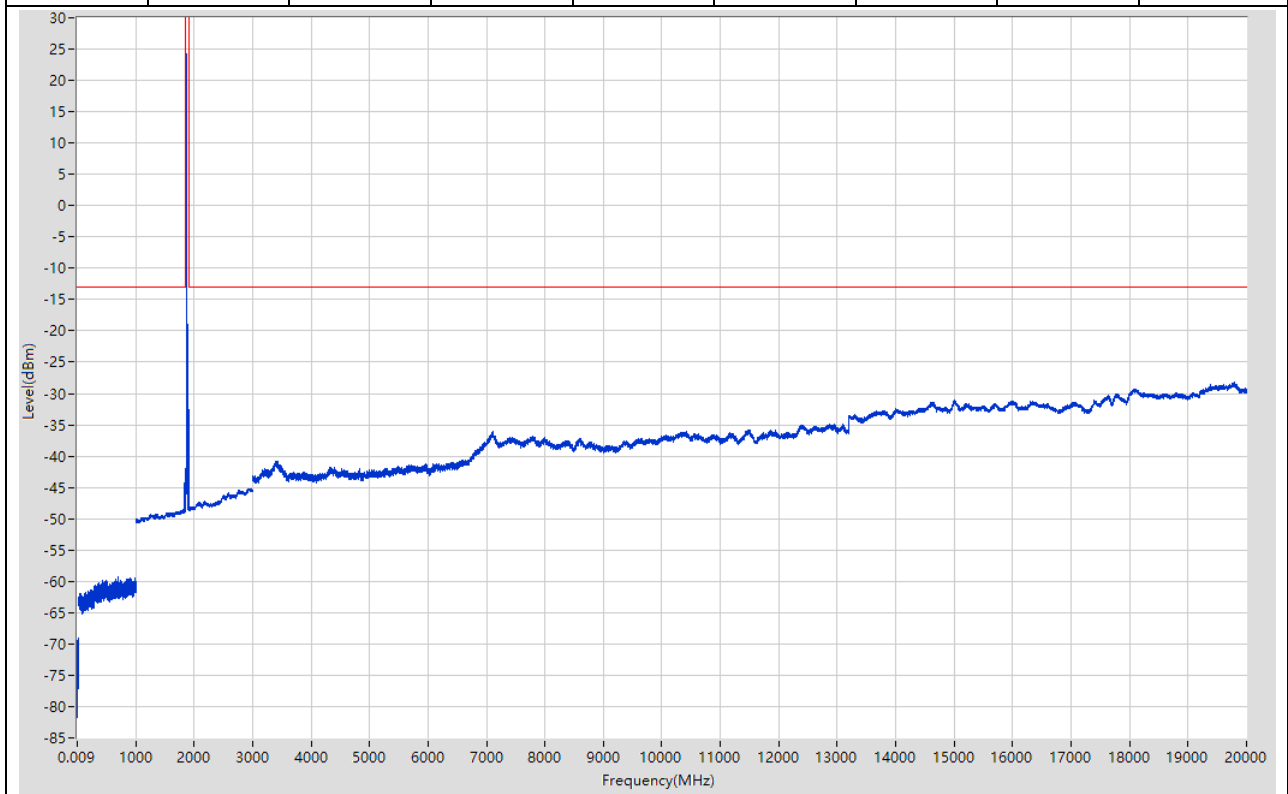
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.015           | -71.38      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.57      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 895.831         | -59.48      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1833            | -45.17      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1851            | 23.26       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2974            | -45.11      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11501           | -35.77      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19810           | -28.34      | -13         | Pass    | 8001        |



### 5.33. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

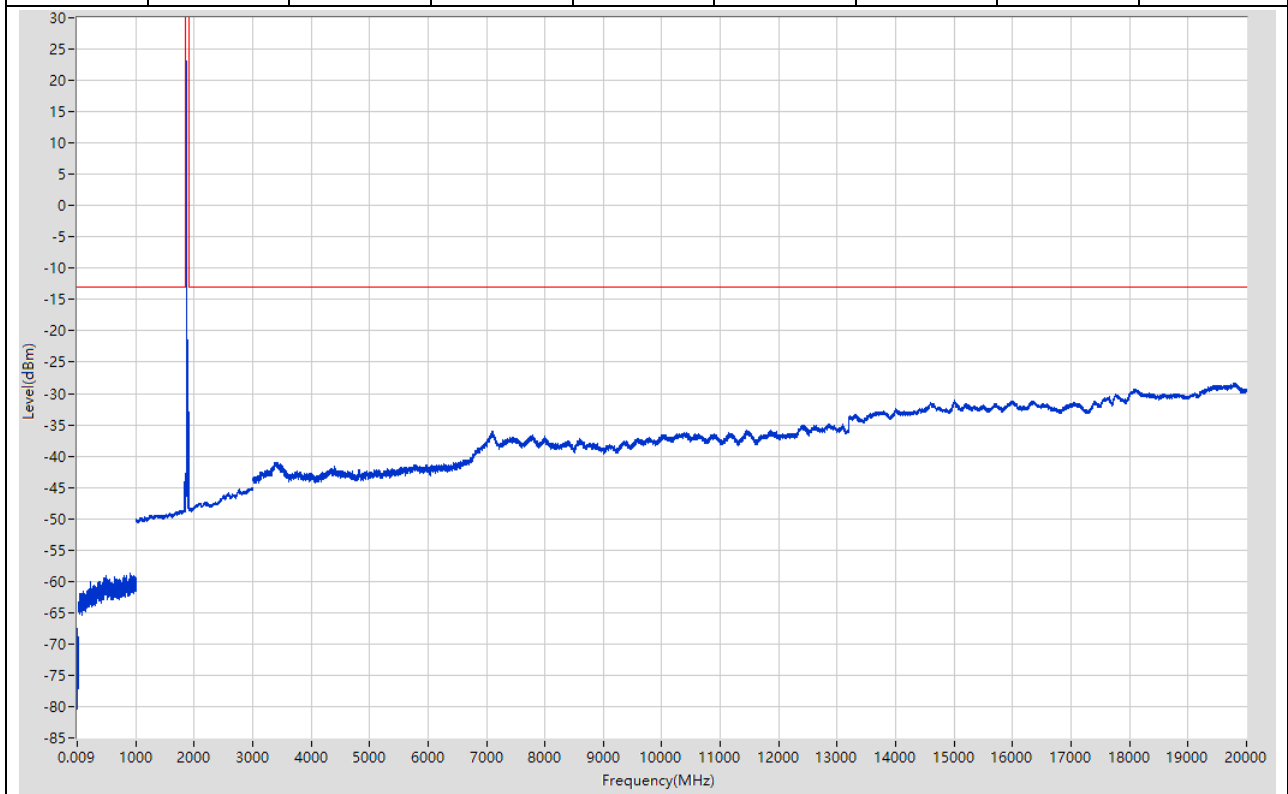
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -71.47      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.14           | -69.15      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 704.7           | -59.24      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -44.27      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1871            | 24.15       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2930            | -45.18      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11475           | -35.82      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19791           | -28.14      | -13         | Pass    | 8001        |



### 5.34. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:34, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

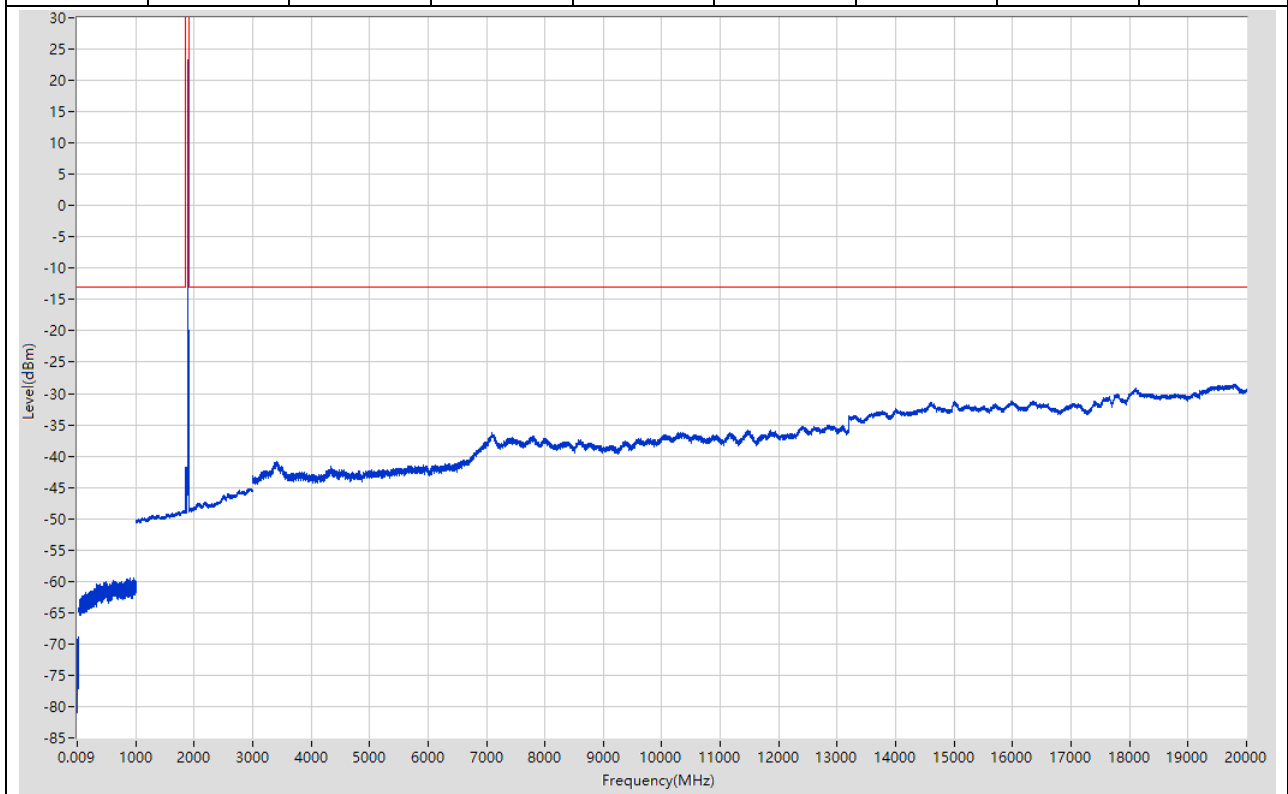
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.127           | -72.52      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.44      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 912.842         | -58.74      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -44.04      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1871            | 23.03       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2991            | -45.1       | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11456           | -35.88      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19800           | -28.41      | -13         | Pass    | 8001        |



### 5.35. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:35, Channel:19100, Bandwidth:20,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

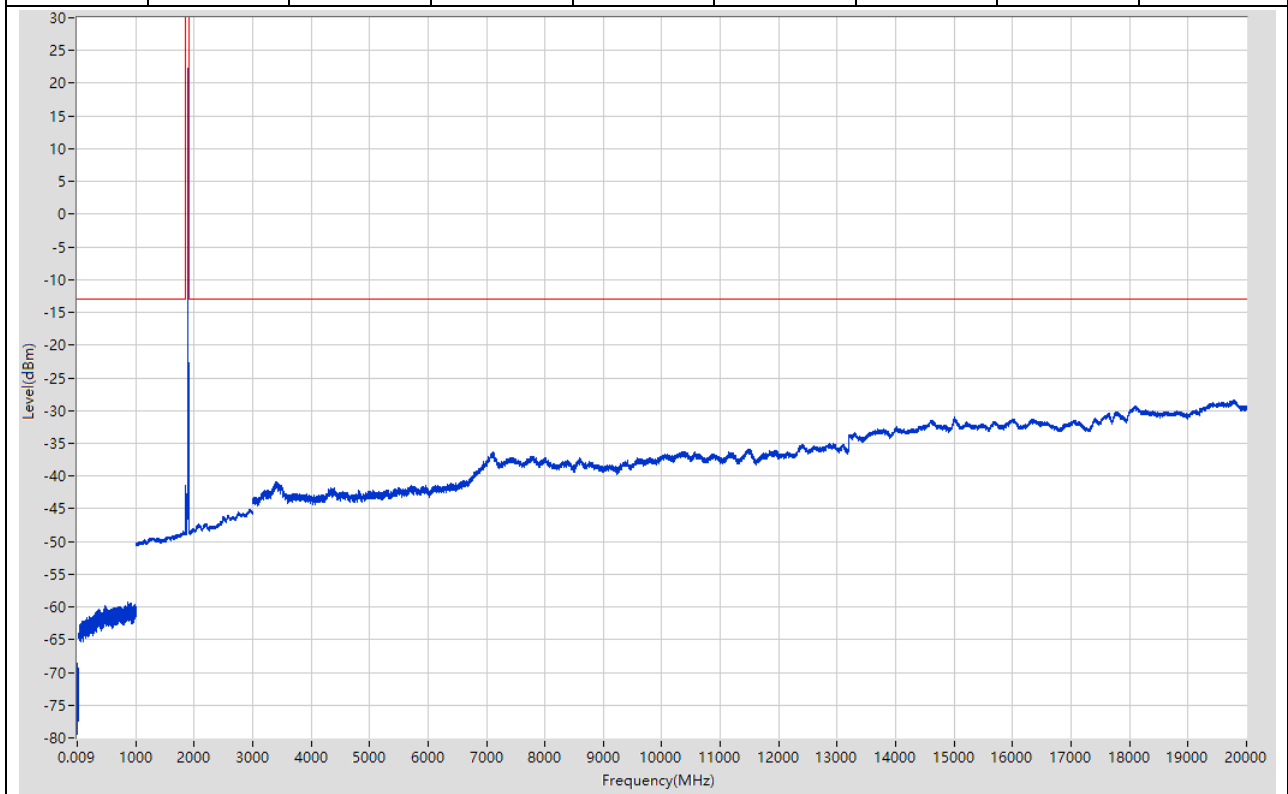
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.072               | -71.82         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 13.3                | -68.89         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 908.84              | -59.52         | -13            | Pass    | 9701           |
| 1000                         | 1840                        | 1            | RMS      | 1816                | -48.63         | -13            | Pass    | 841            |
| 1840                         | 1920                        | 1            | RMS      | 1891                | 23.29          | 60             | Pass    | 401            |
| 1920                         | 3000                        | 1            | RMS      | 2934                | -45.18         | -13            | Pass    | 1081           |
| 3000                         | 12000                       | 1            | RMS      | 11474               | -35.81         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19799               | -28.52         | -13            | Pass    | 8001           |



### 5.36. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

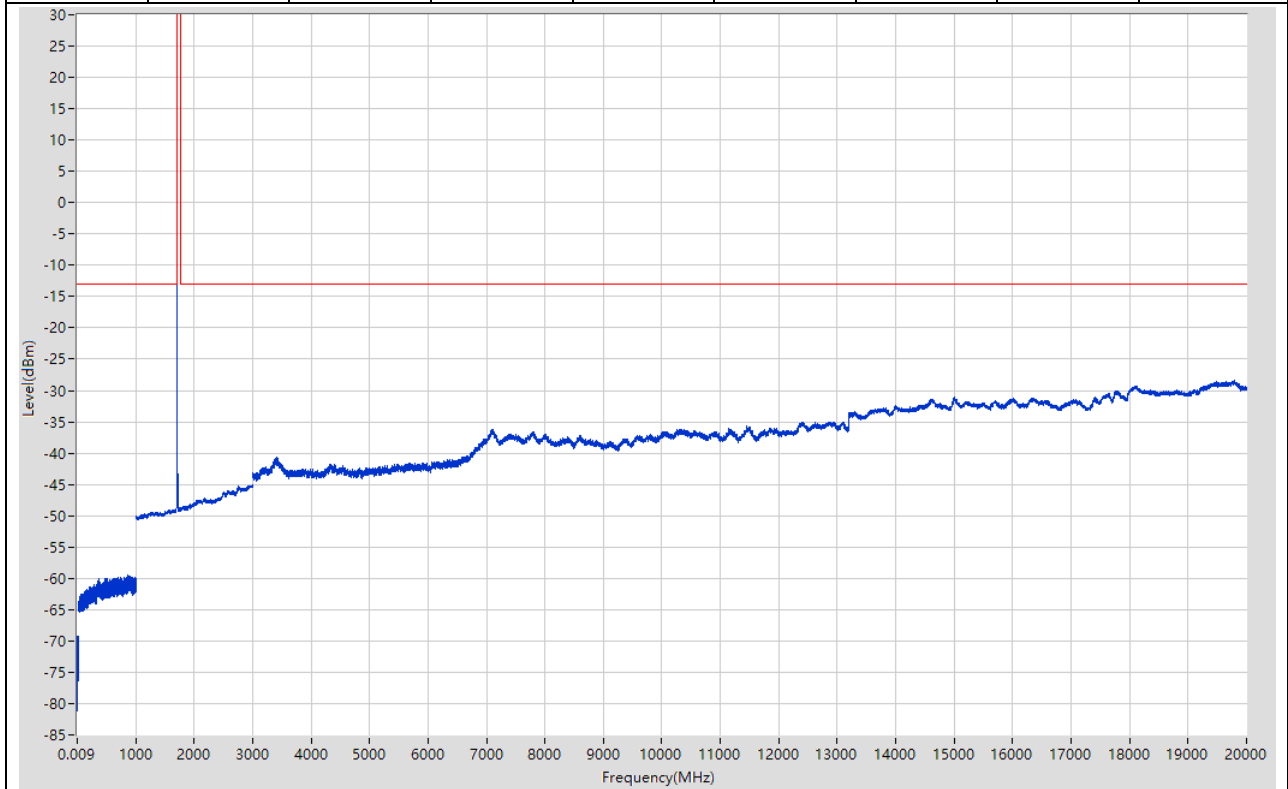
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.57      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.59      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 857.205         | -59.33      | -13         | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1808            | -48.49      | -13         | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1891            | 22.37       | 60          | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2961            | -45.06      | -13         | Pass    | 1081        |
| 3000                  | 12000                | 1         | RMS      | 11475           | -35.9       | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19788           | -28.37      | -13         | Pass    | 8001        |



## 6. LTE\_Band4

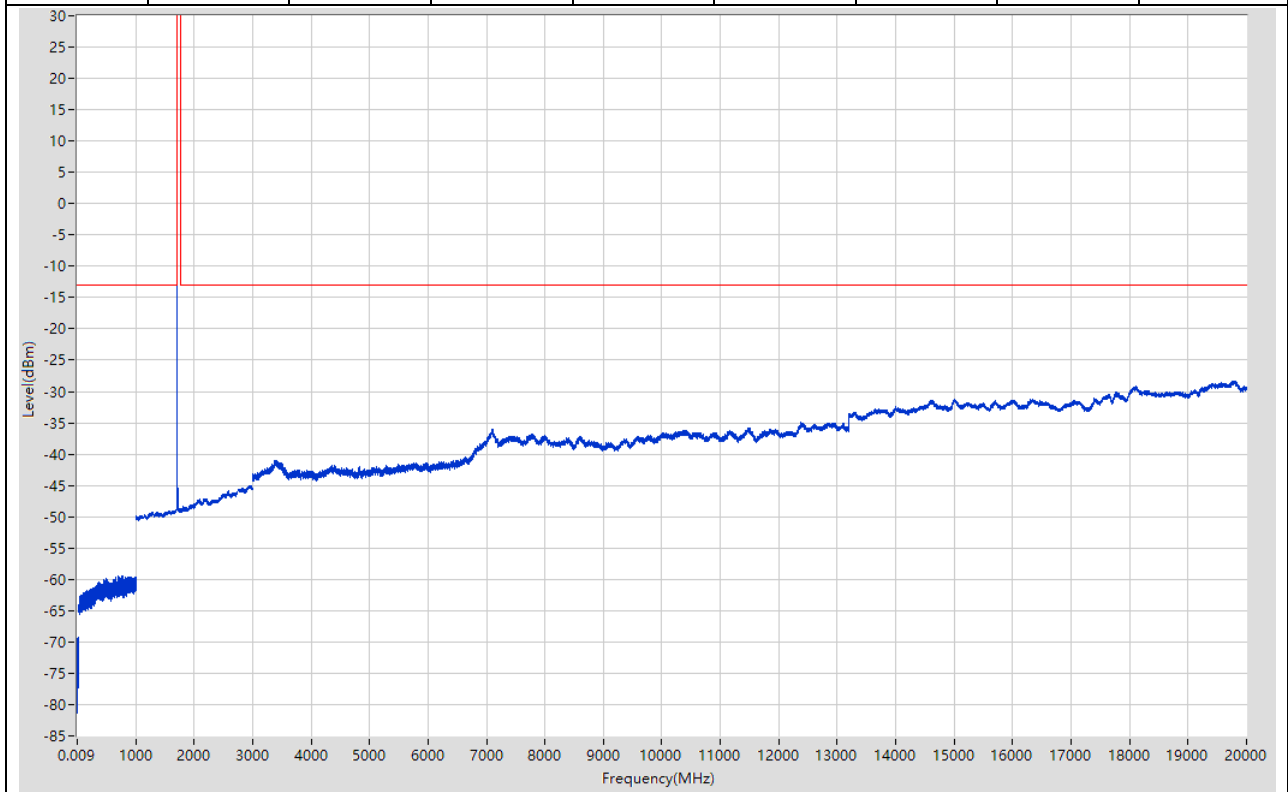
### 6.1. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.035           | -71.41      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 11.67           | -69.18      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 866.011         | -59.47      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -47.23      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.238        | 24.71       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2995            | -45.12      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11455           | -35.71      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19794           | -28.43      | -13         | Pass    | 8001        |



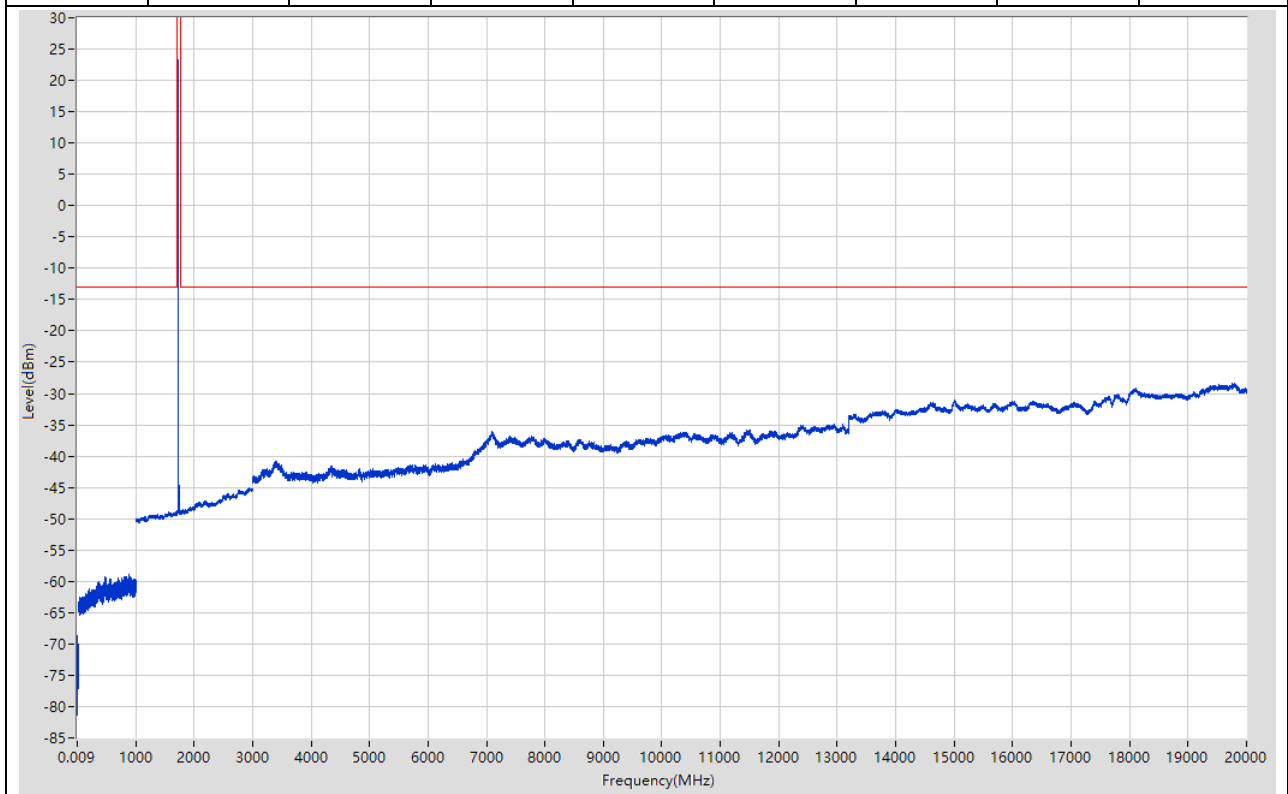
## 6.2. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -72.52      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.83           | -69.25      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 763.4           | -59.51      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -48.08      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.238        | 23.29       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2956            | -45.07      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11503           | -35.85      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19762           | -28.32      | -13         | Pass    | 8001        |



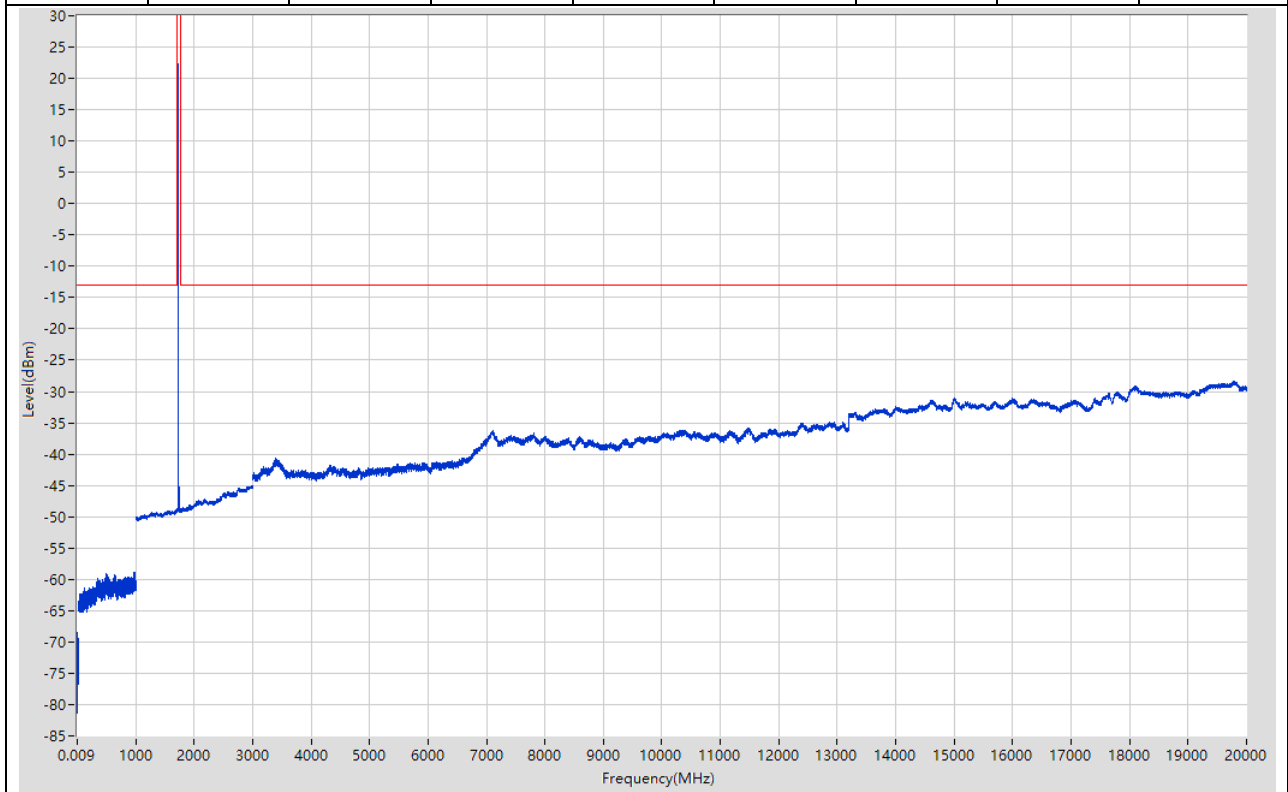
### 6.3. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -72.39      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.7       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 877.519         | -58.89      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1571            | -48.93      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1732.013        | 23.32       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2934            | -45.13      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11496           | -35.84      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19799           | -28.29      | -13         | Pass    | 8001        |



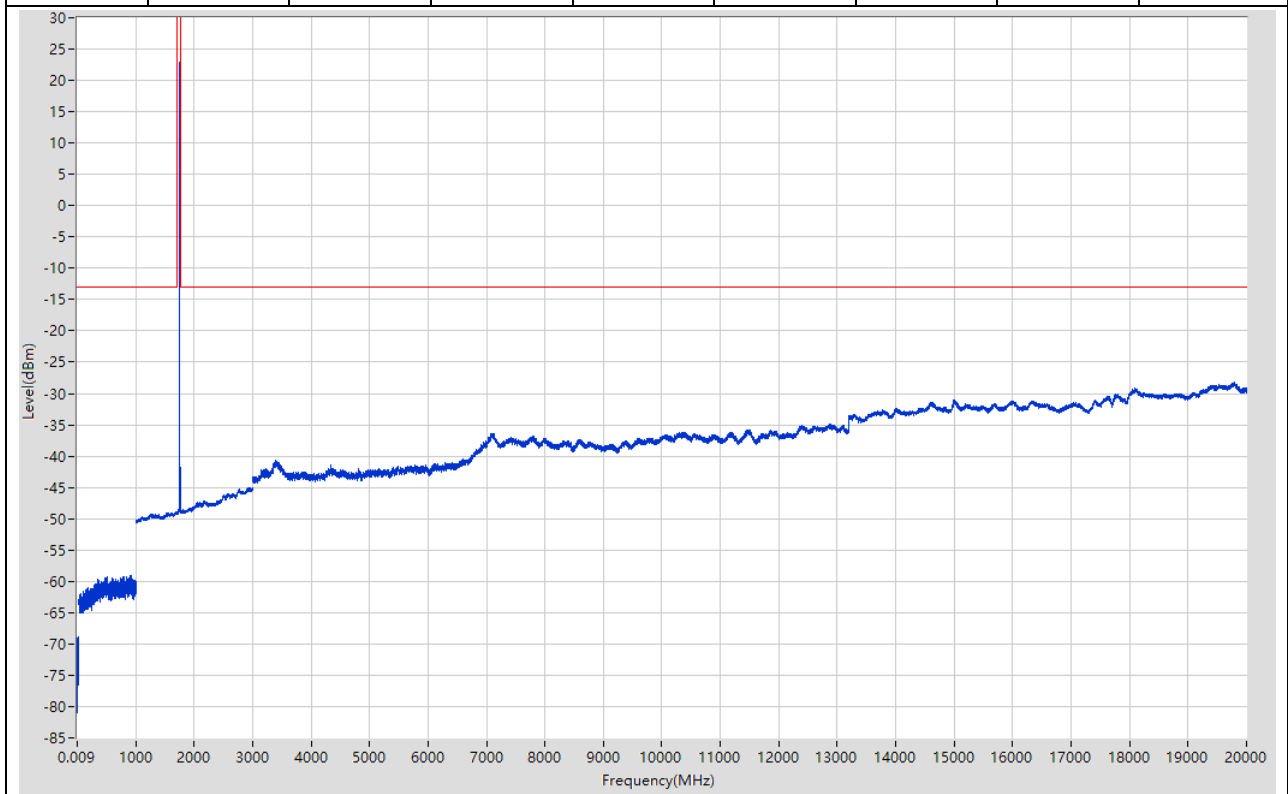
#### 6.4. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -71.57      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.53      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 972.882         | -58.82      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -48.83      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1732.013        | 22.36       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2993            | -45.13      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11481           | -35.82      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19788           | -28.4       | -13         | Pass    | 8001        |



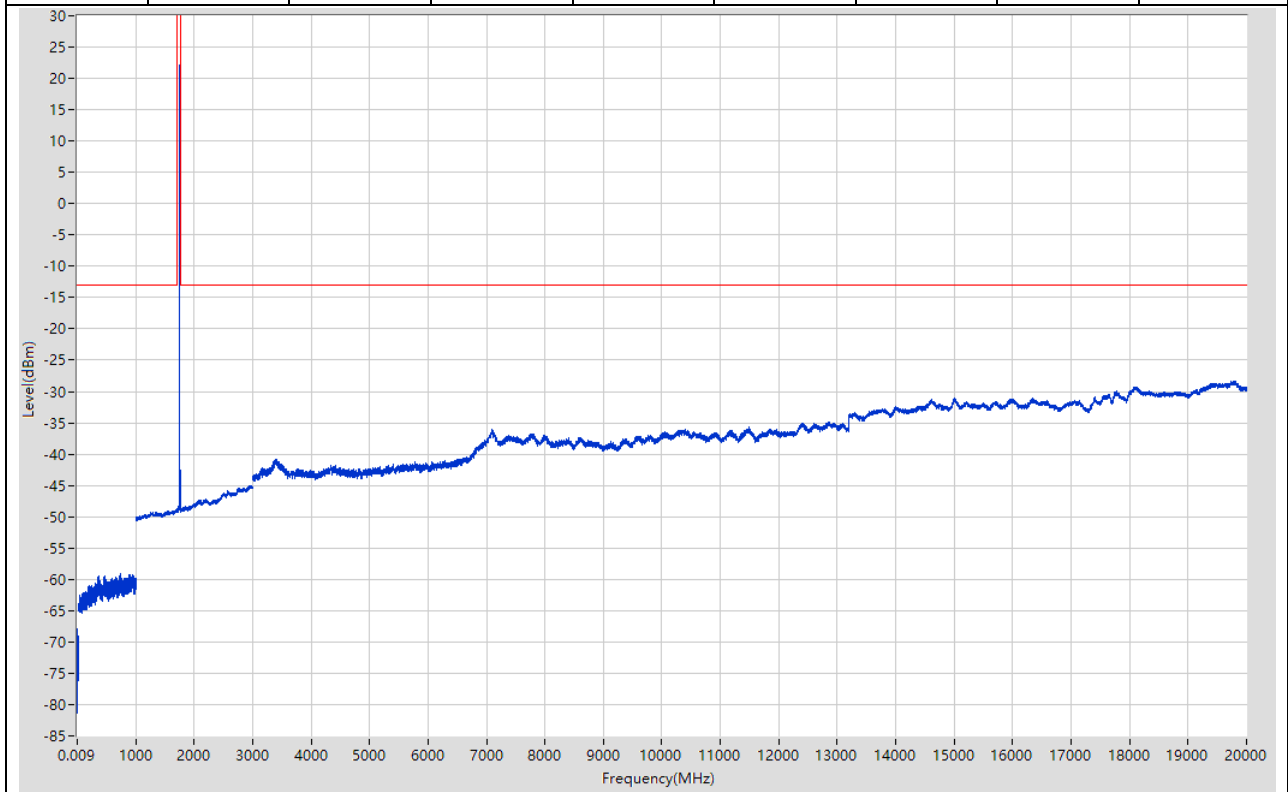
**6.5. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -71.47      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.38           | -68.82      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 906.138         | -59.08      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1684            | -48.83      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1753.788        | 22.96       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2998            | -45.12      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11862           | -35.81      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19797           | -28.18      | -13         | Pass    | 8001        |



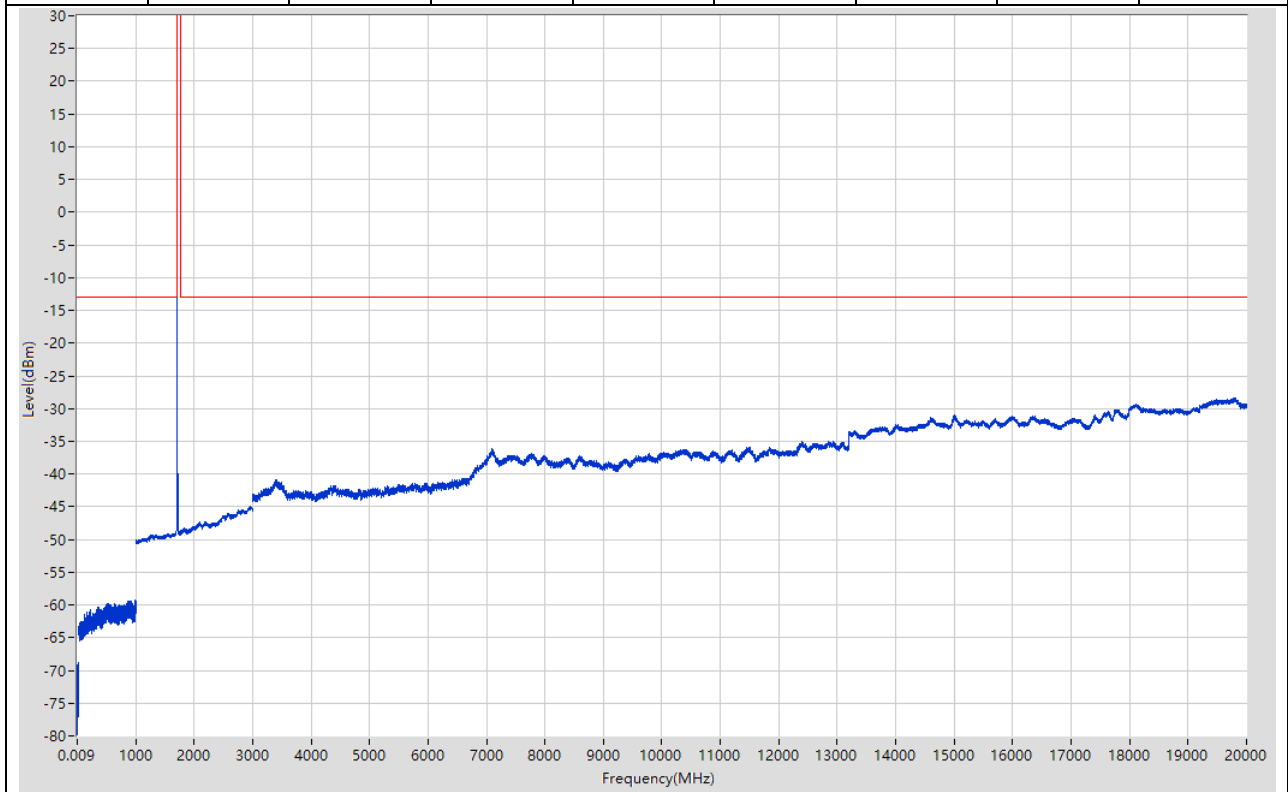
## 6.6. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.064           | -71.97      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.19            | -67.88      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 735.9           | -58.99      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1696            | -48.88      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1753.788        | 22.16       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2974            | -44.99      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11496           | -35.69      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19816           | -28.35      | -13         | Pass    | 8001        |



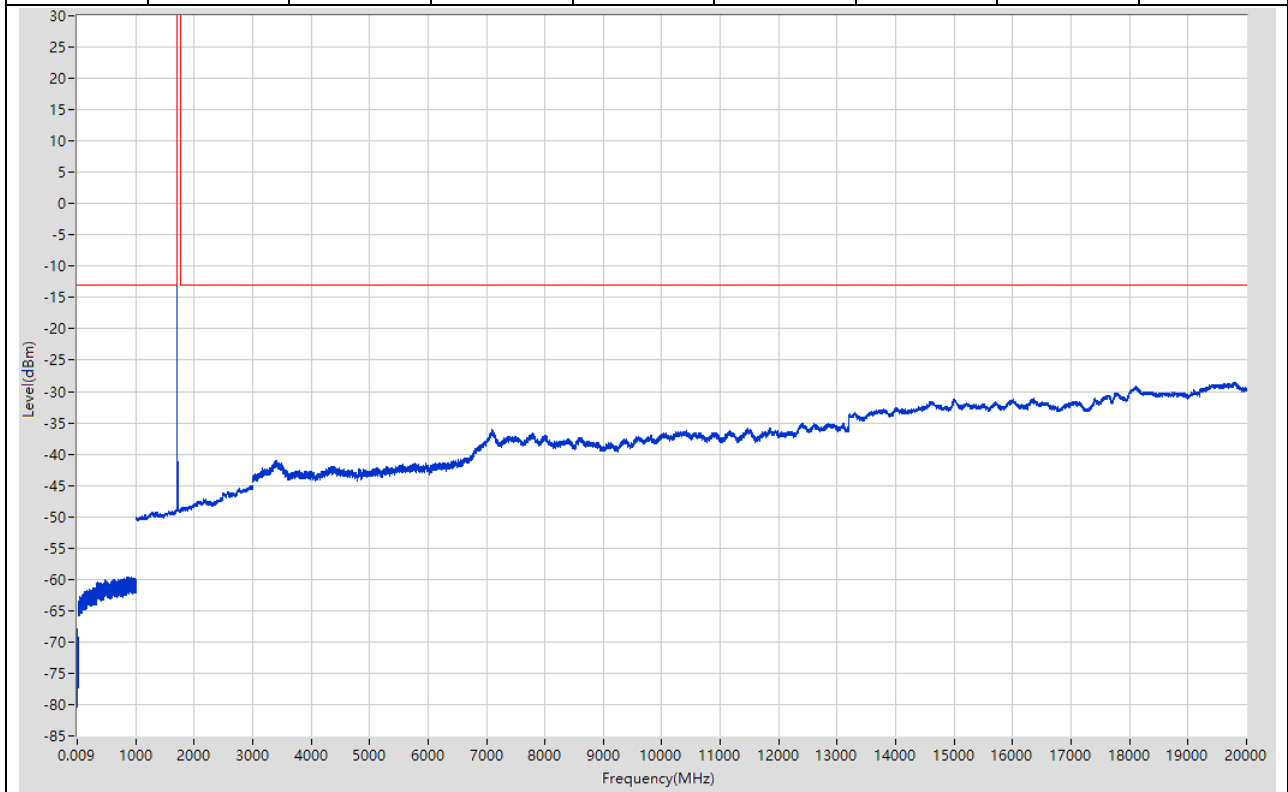
## 6.7. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.106           | -72.08      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 28.3            | -68.73      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 993.596         | -59.2       | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -47.19      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.238        | 24.65       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2964            | -44.91      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11843           | -35.92      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19778           | -28.38      | -13         | Pass    | 8001        |



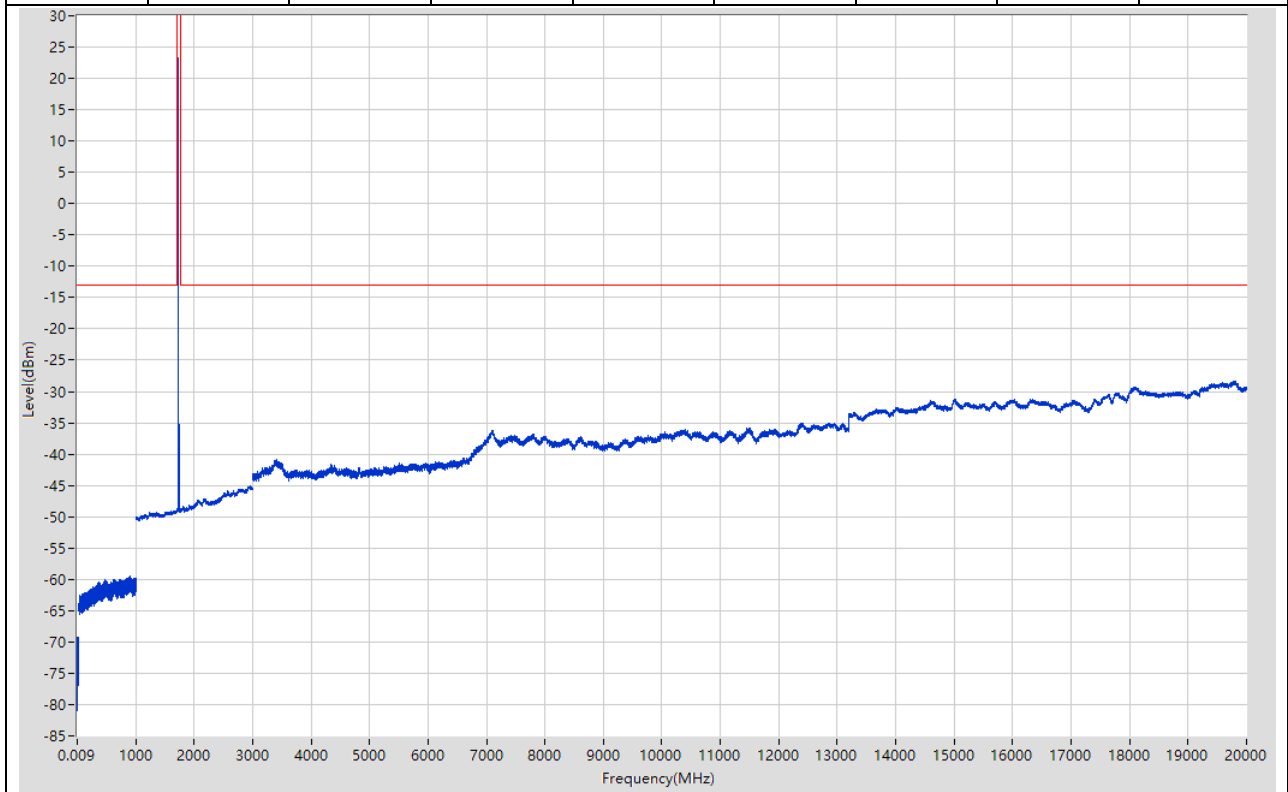
## 6.8. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -70.76      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.23            | -67.99      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 920.147         | -59.6       | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -47.98      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.238        | 23.32       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2981            | -45.06      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11477           | -35.86      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19821           | -28.5       | -13         | Pass    | 8001        |



## 6.9. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

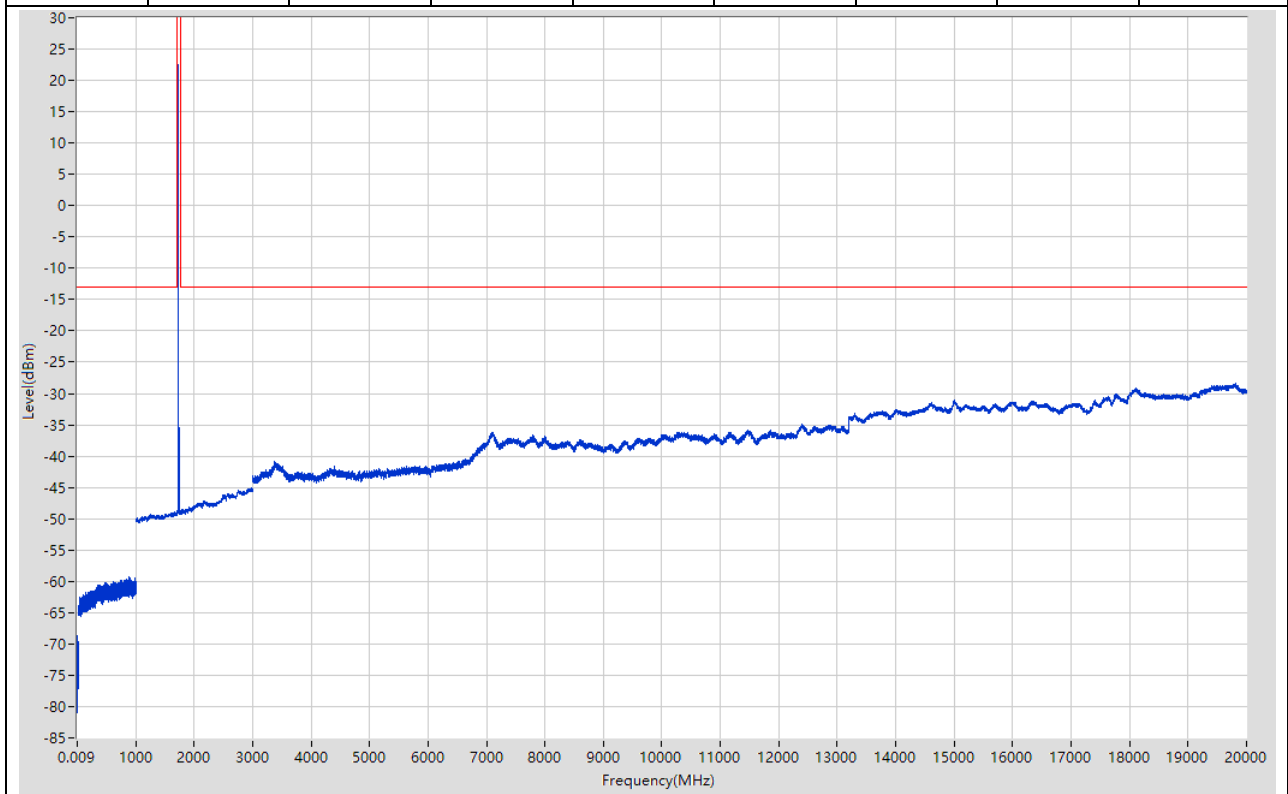
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.14            | -72.67      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -69.24      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 909.24          | -59.53      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1662            | -49.05      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1731.2          | 23.22       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2968            | -45.09      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11459           | -35.78      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19798           | -28.31      | -13         | Pass    | 8001        |



## 6.10. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

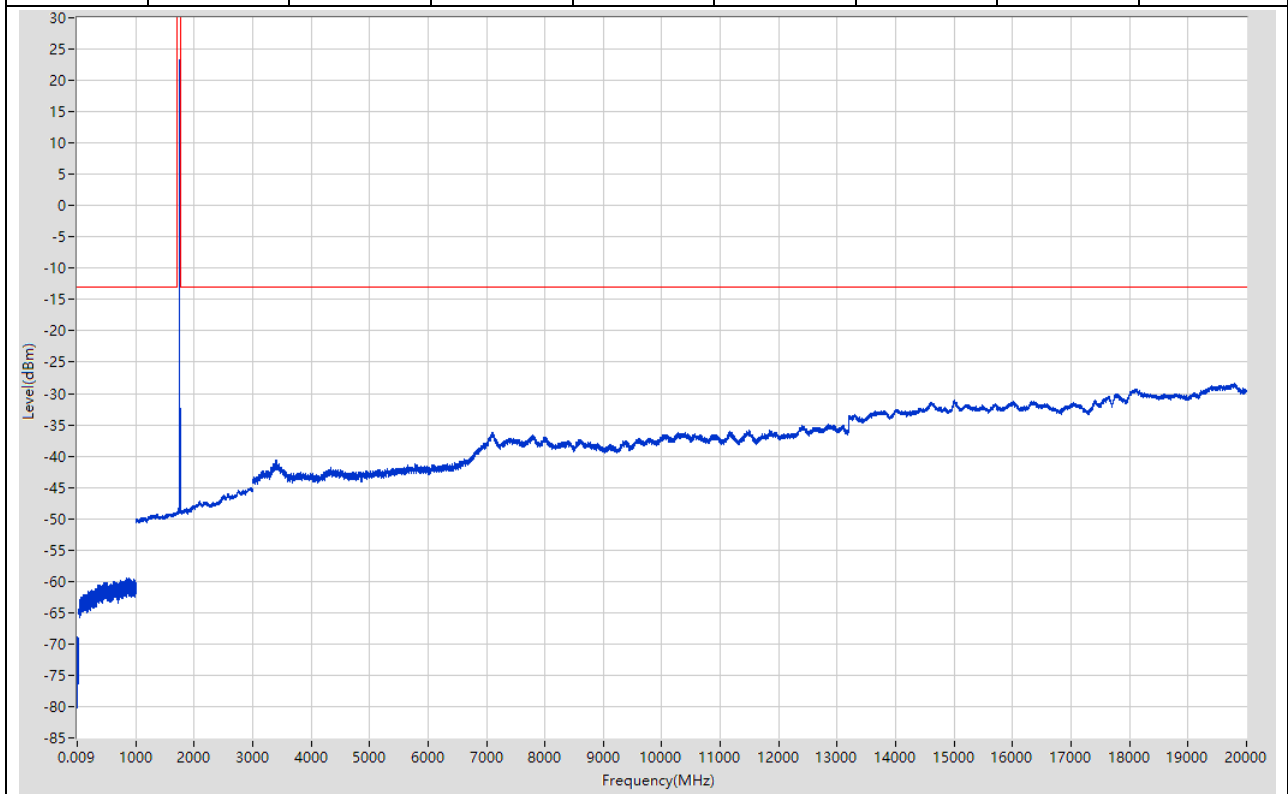
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.92      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.8             | -68.75      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 880.421         | -59.32      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1667            | -49         | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1731.2          | 22.44       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2981            | -45.06      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11474           | -35.87      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19819           | -28.45      | -13         | Pass    | 8001        |



### 6.11. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

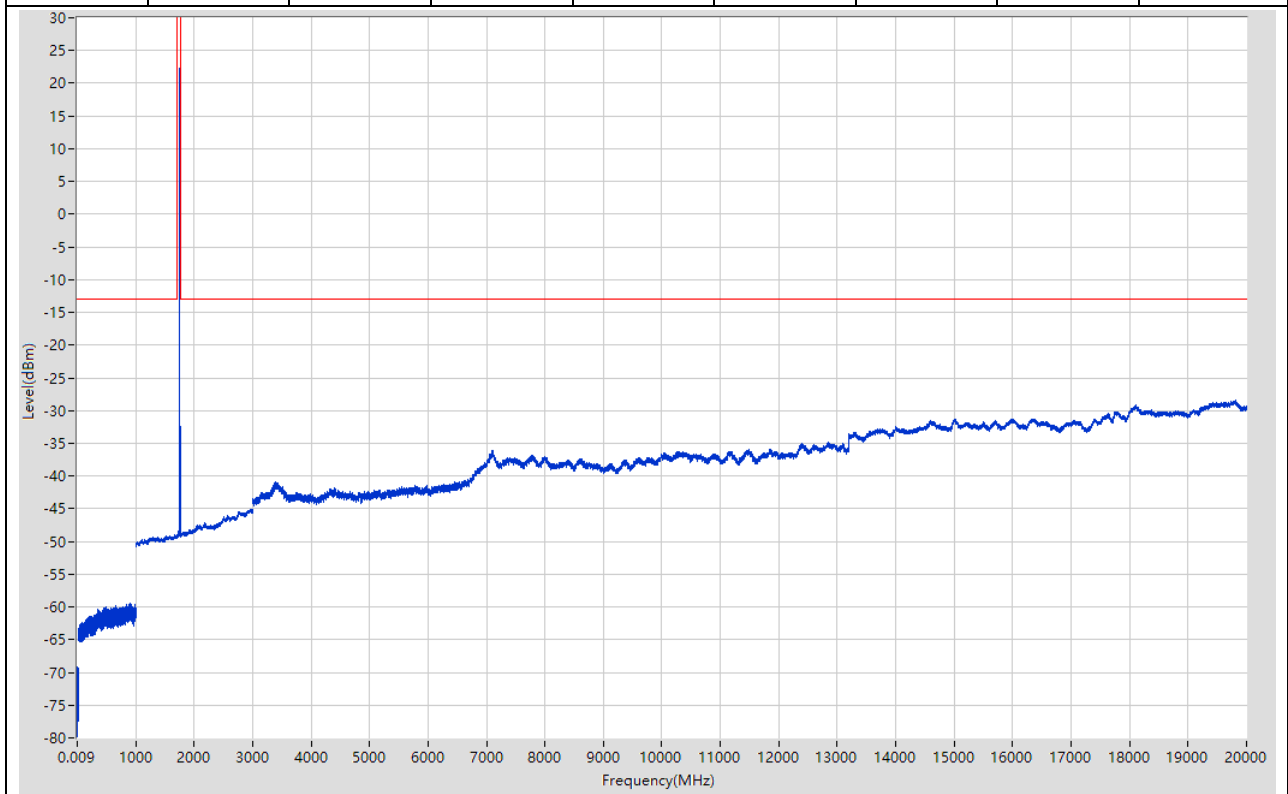
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.084           | -71.65      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.8       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 833.4           | -59.4       | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1669            | -49.07      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1752.163        | 23.23       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2957            | -44.98      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11846           | -35.85      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19796           | -28.39      | -13         | Pass    | 8001        |



## 6.12. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

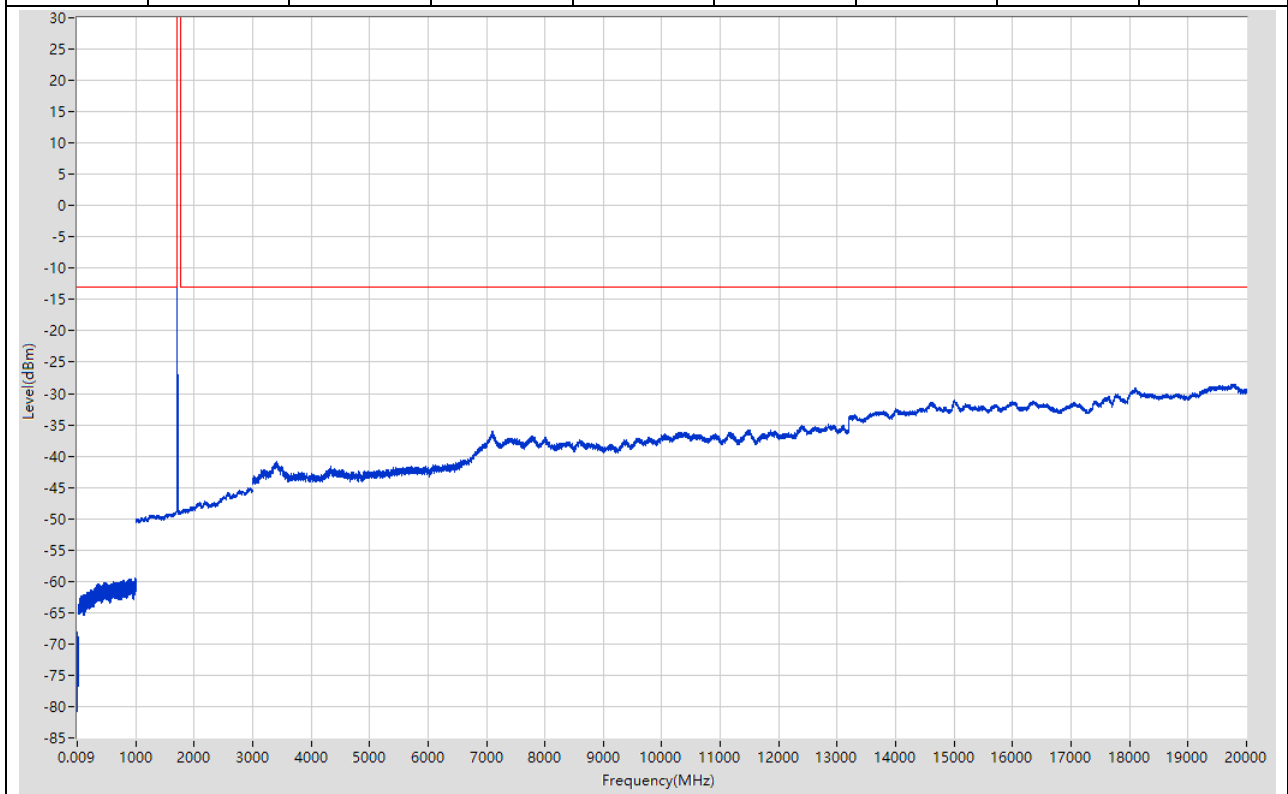
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.108           | -71.43      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.41            | -69.15      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 913.042         | -59.47      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1670            | -49.02      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1752.163        | 22.35       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2971            | -45.11      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11500           | -35.97      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19810           | -28.4       | -13         | Pass    | 8001        |



### 6.13. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

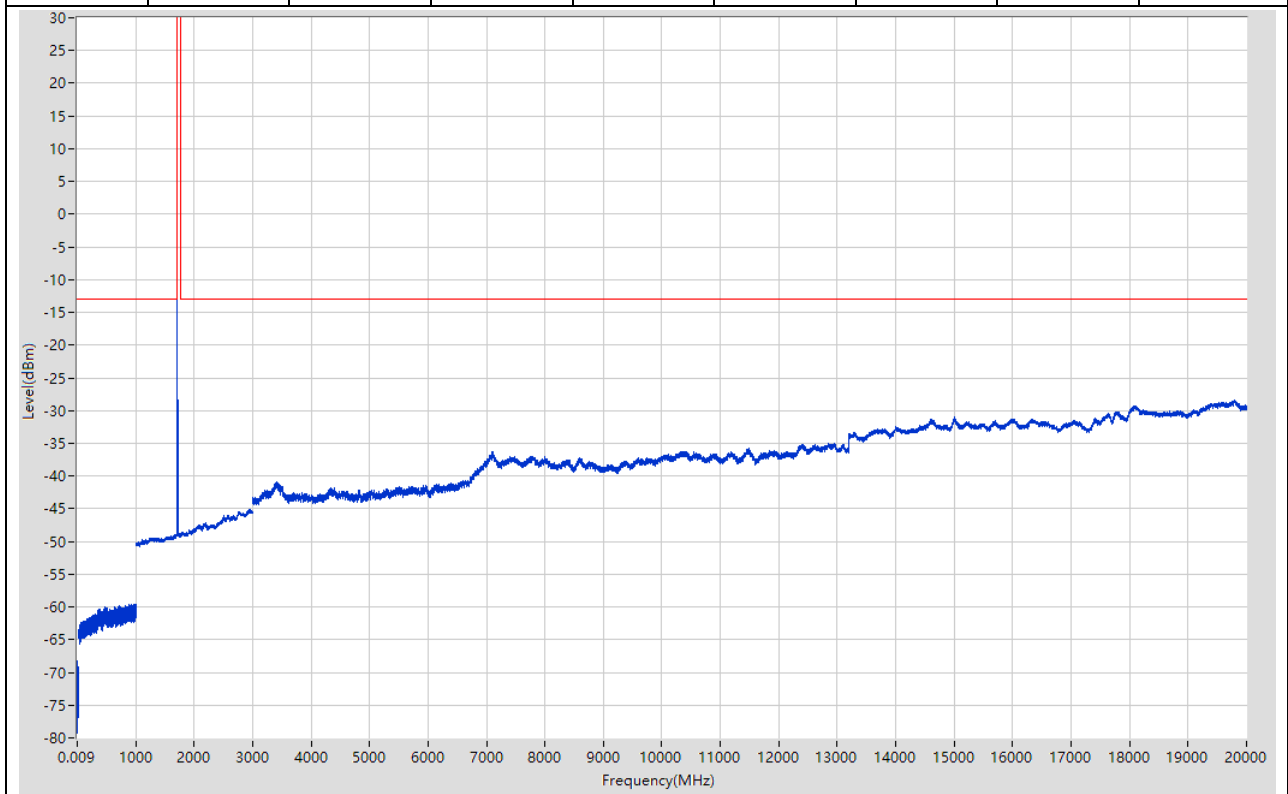
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -72.01      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.2       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 995.997         | -59.39      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -47.03      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.238        | 25          | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2929            | -45.11      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11515           | -35.88      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19793           | -28.49      | -13         | Pass    | 8001        |



#### 6.14. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

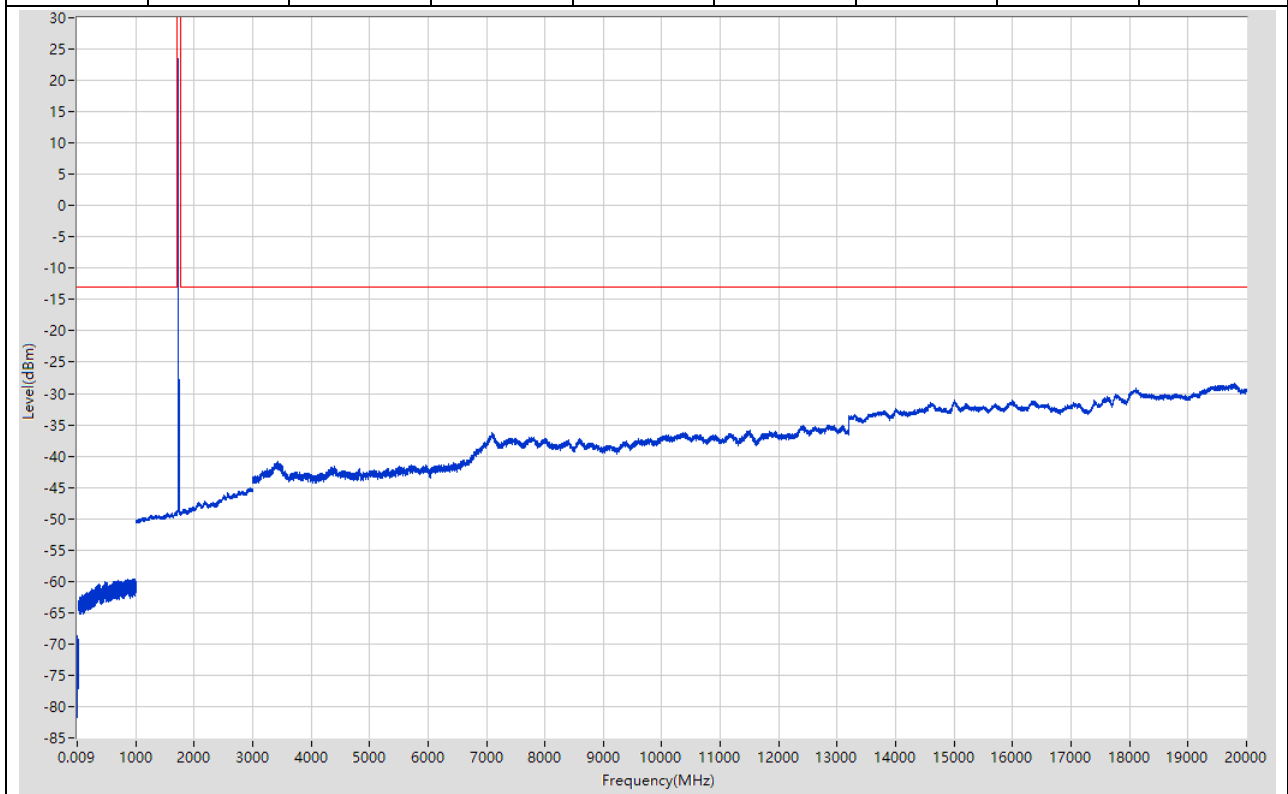
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -70.79      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.17      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 915.544         | -59.56      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -48.24      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.238        | 23.51       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2958            | -45.14      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11500           | -35.78      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19794           | -28.39      | -13         | Pass    | 8001        |



## 6.15. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

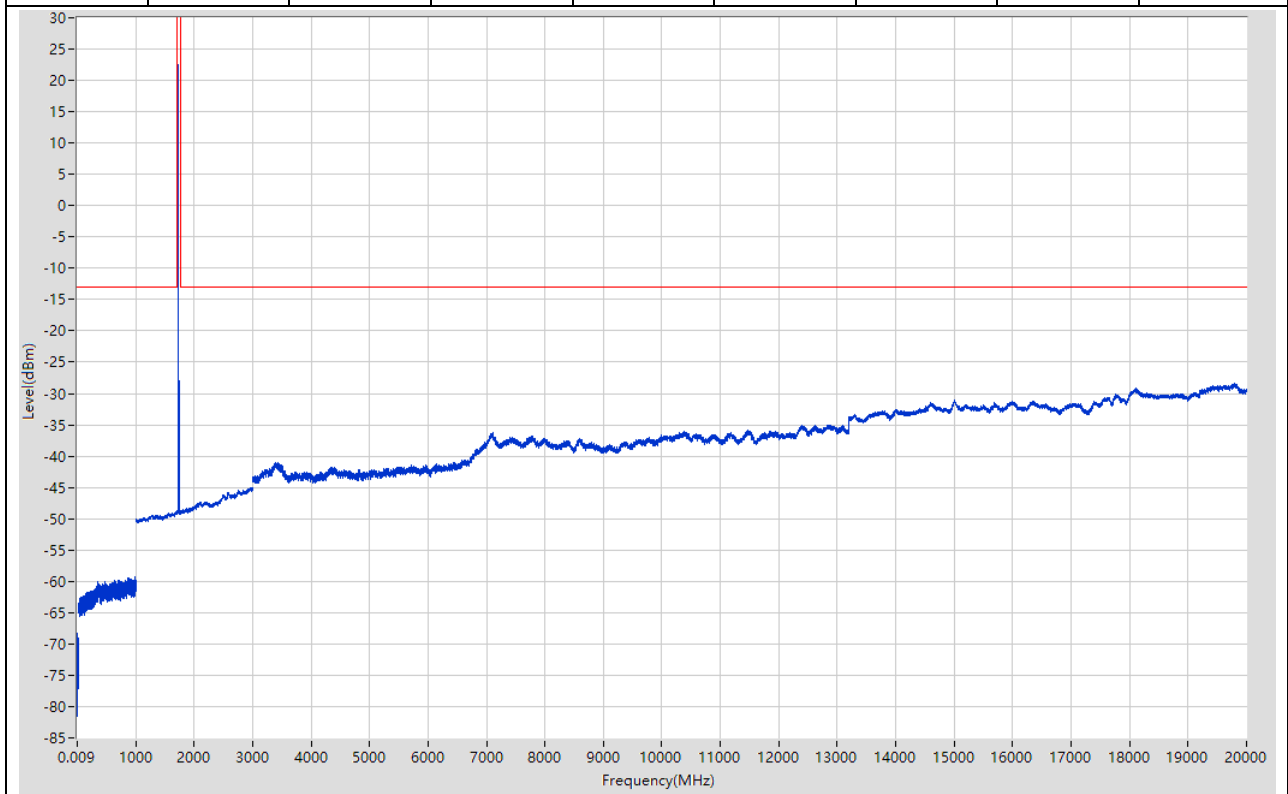
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -70.22      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.77      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 872.616         | -59.57      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1695            | -48.94      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1730.225        | 23.4        | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2964            | -45.16      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11503           | -35.84      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19799           | -28.43      | -13         | Pass    | 8001        |



## 6.16. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

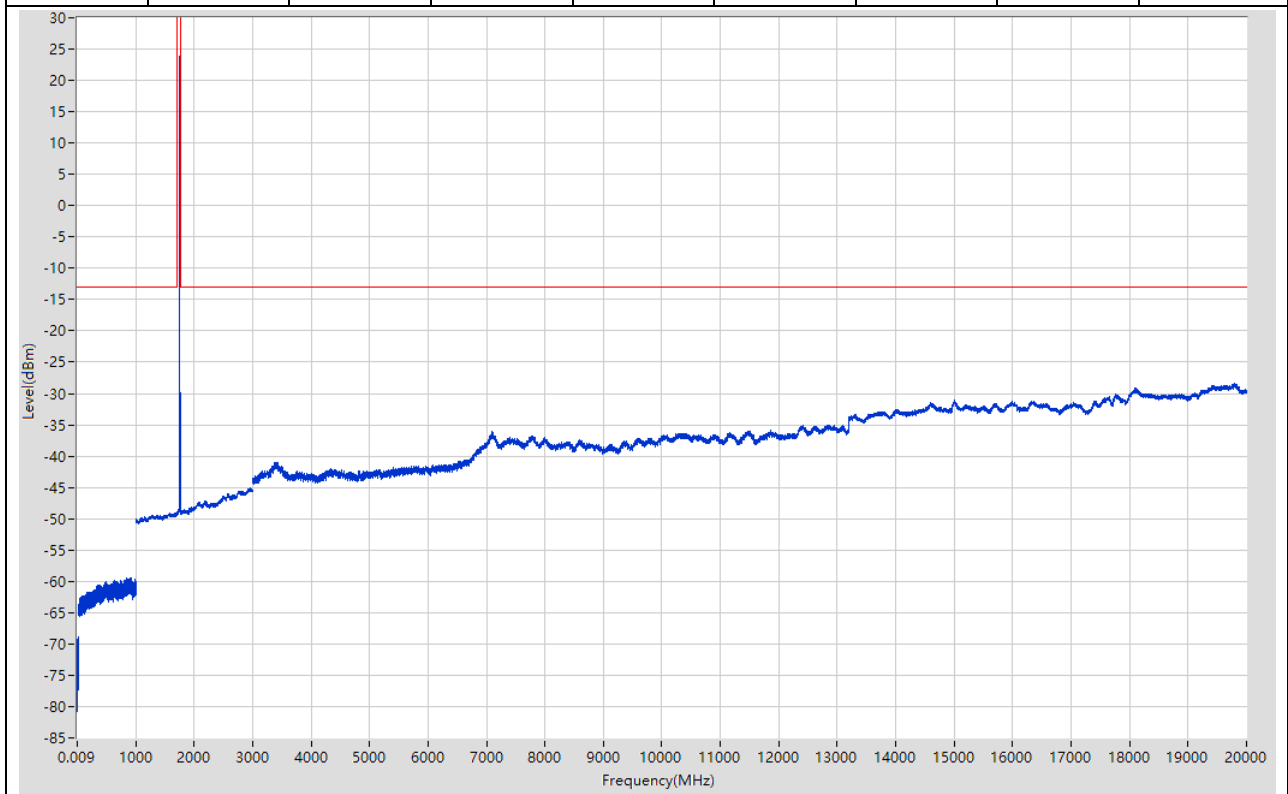
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -71.23      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.29      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 981.488         | -59.34      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1689            | -48.94      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1730.225        | 22.53       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2991            | -45.08      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11475           | -35.83      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19803           | -28.38      | -13         | Pass    | 8001        |



## 6.17. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

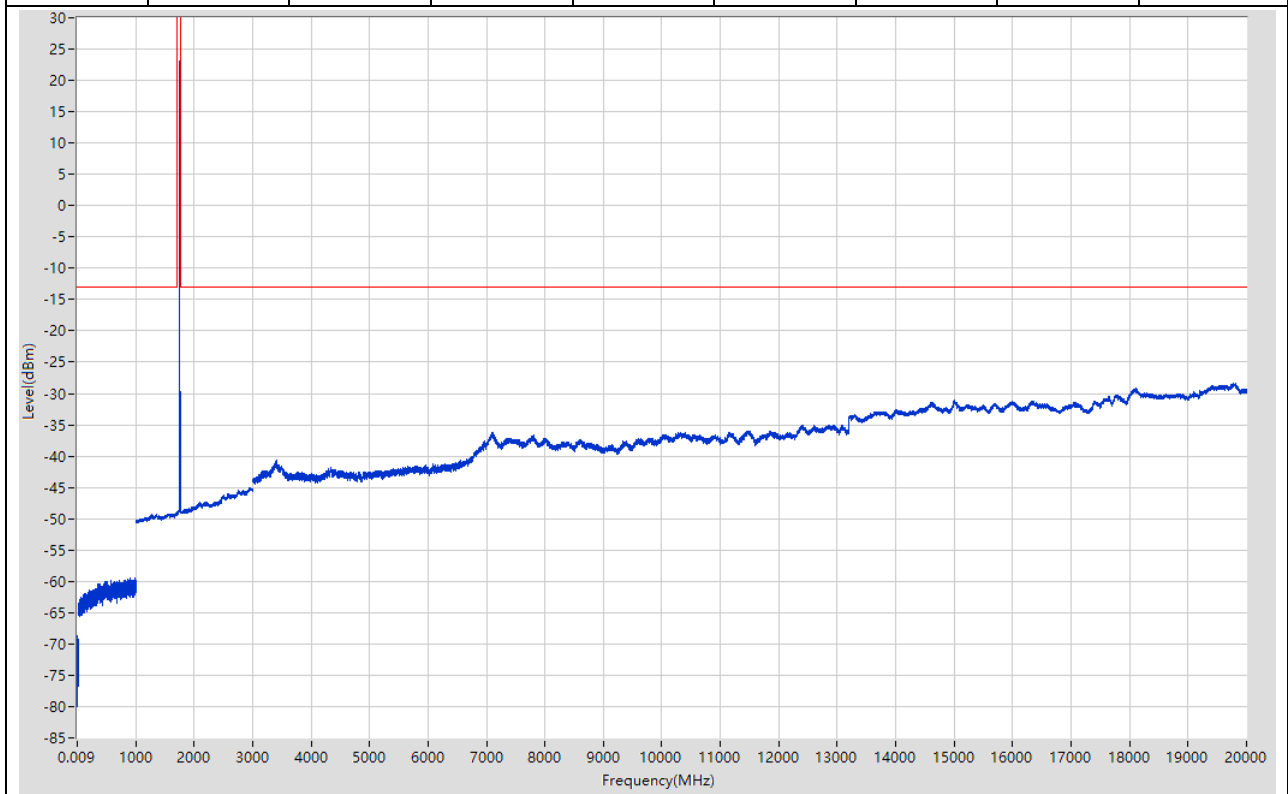
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.39      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.63           | -68.85      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 916.645         | -59.52      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1699            | -48.89      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1750.213        | 23.81       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2961            | -45.16      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11859           | -35.8       | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19796           | -28.44      | -13         | Pass    | 8001        |



## 6.18. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

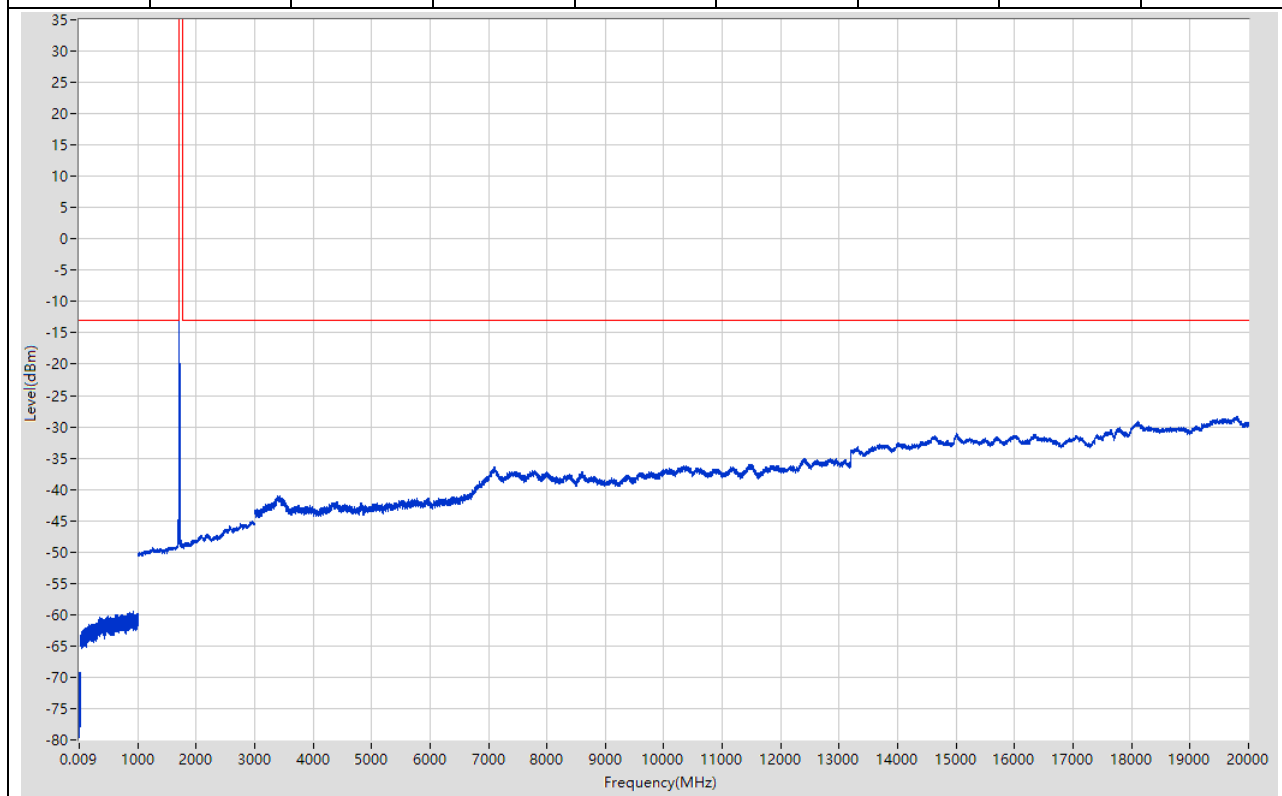
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -72.34      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.38            | -68.67      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 991.294         | -59.53      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1694            | -49.02      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1750.213        | 23.08       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2963            | -45.1       | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11852           | -35.97      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19809           | -28.33      | -13         | Pass    | 8001        |



## 6.19. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

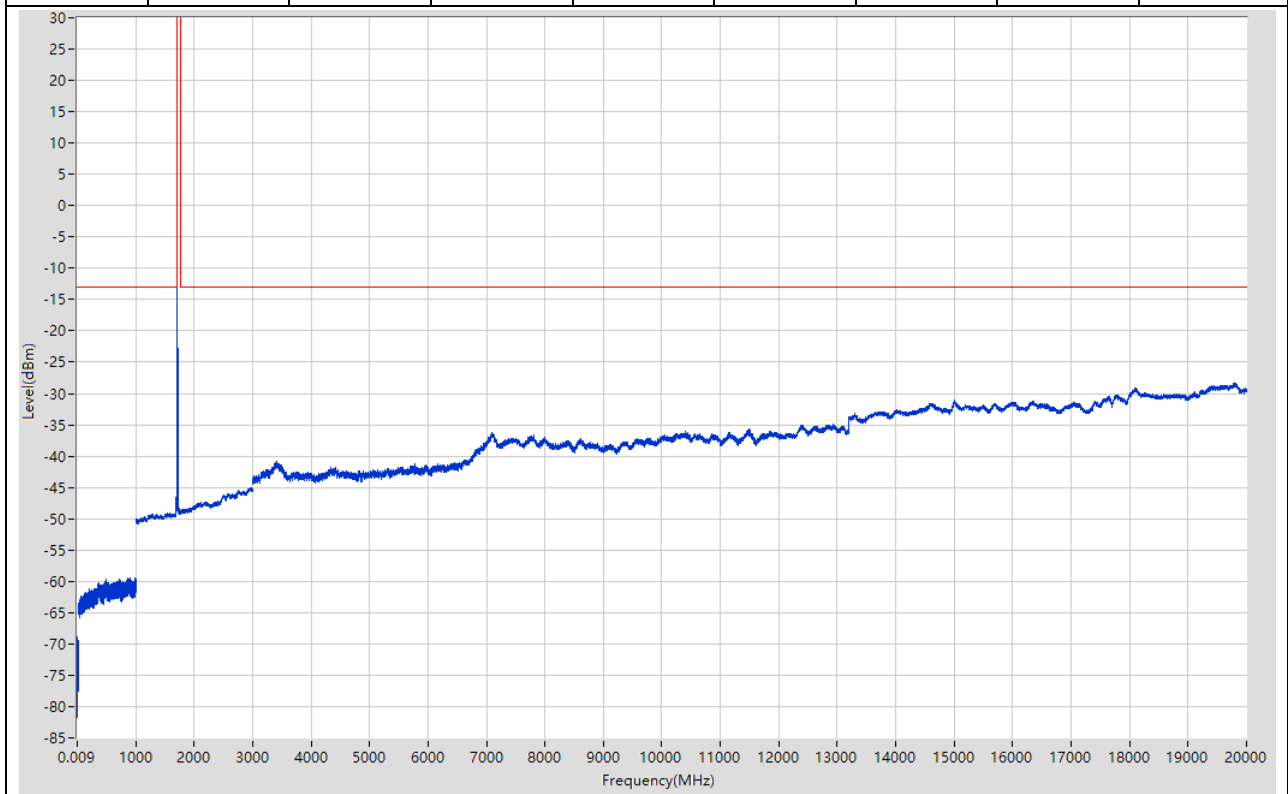
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -70.4       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.4             | -69.2       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925.25          | -59.52      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -44.84      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.563        | 25.35       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2962            | -45.06      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11485           | -36.05      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19803           | -28.34      | -13         | Pass    | 8001        |



## 6.20. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

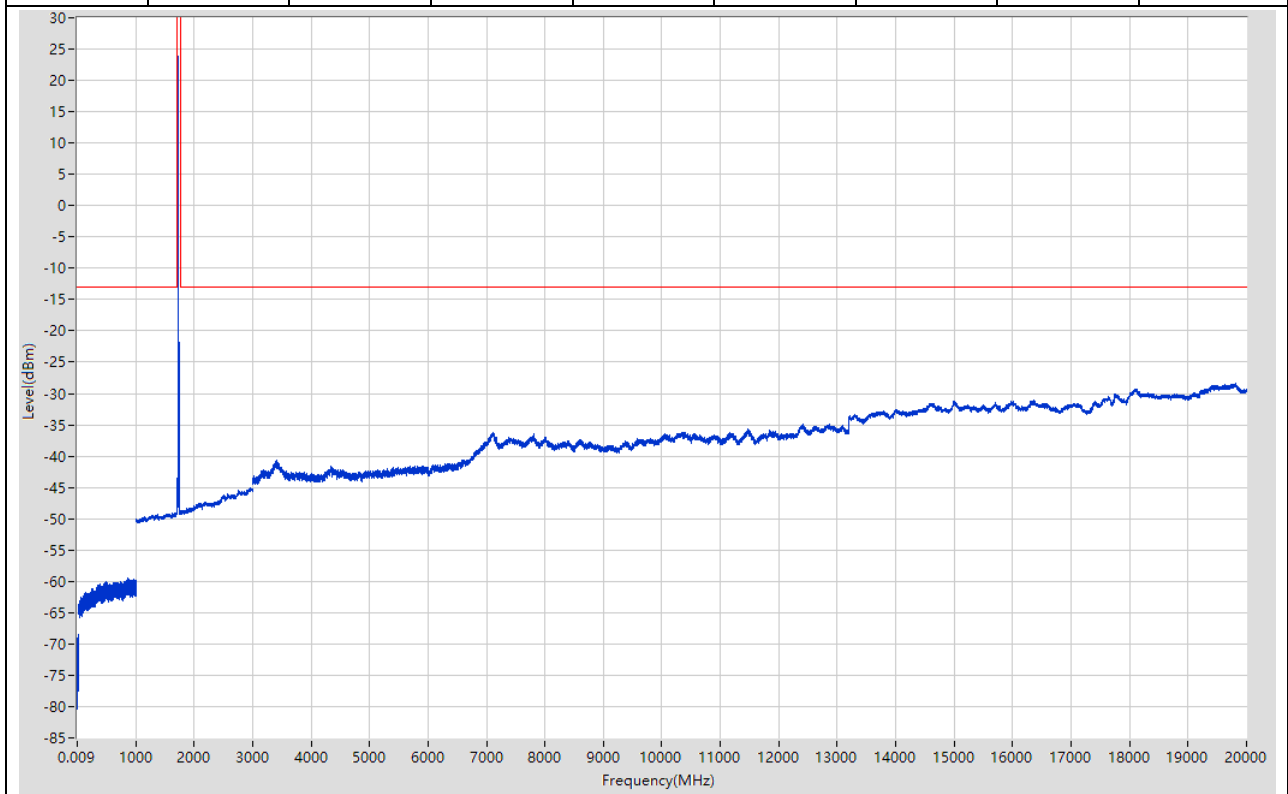
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -71.34      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -68.88      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 986.891         | -59.41      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -46.56      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.563        | 23.63       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2972            | -45.04      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11496           | -35.75      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19787           | -28.29      | -13         | Pass    | 8001        |



## 6.21. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

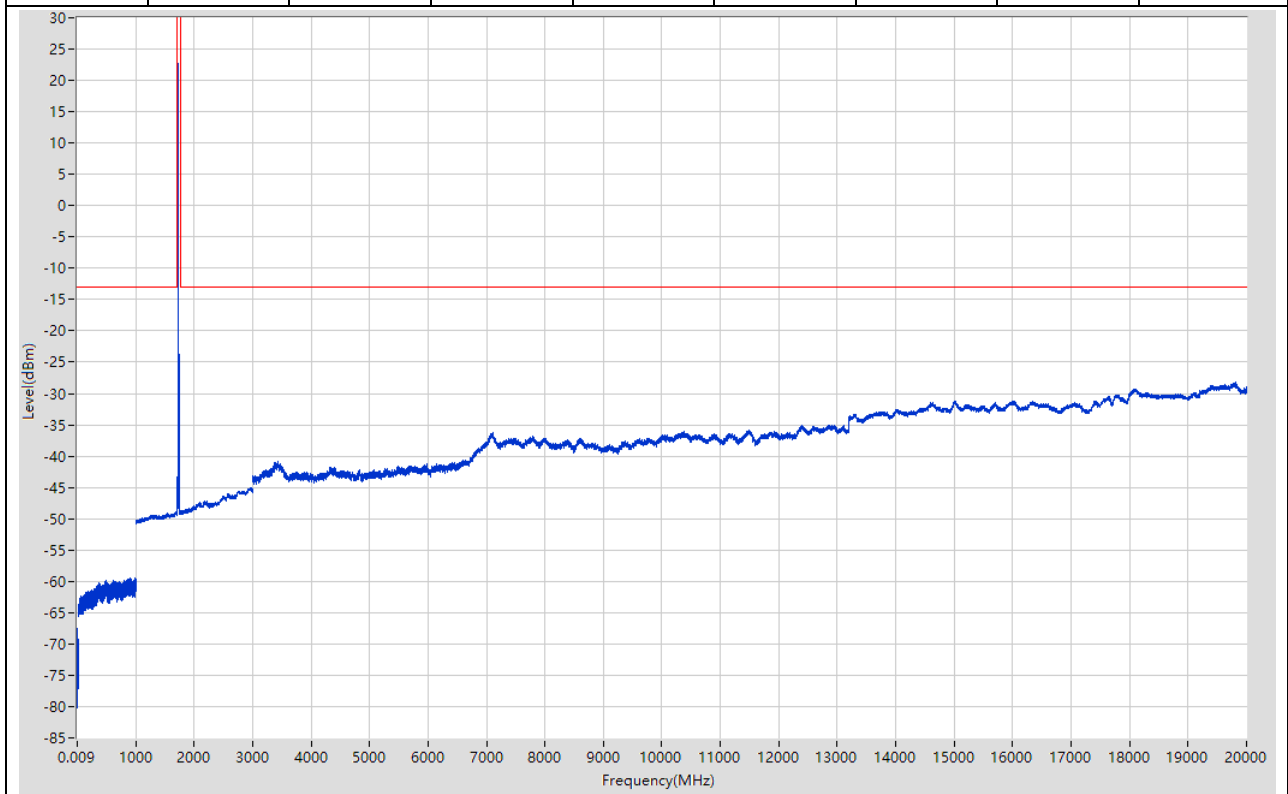
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -70.47      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 22.69           | -68.54      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 856.205         | -59.56      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -48.89      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1727.95         | 23.81       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2967            | -45.13      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11471           | -35.7       | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19815           | -28.4       | -13         | Pass    | 8001        |



## 6.22. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

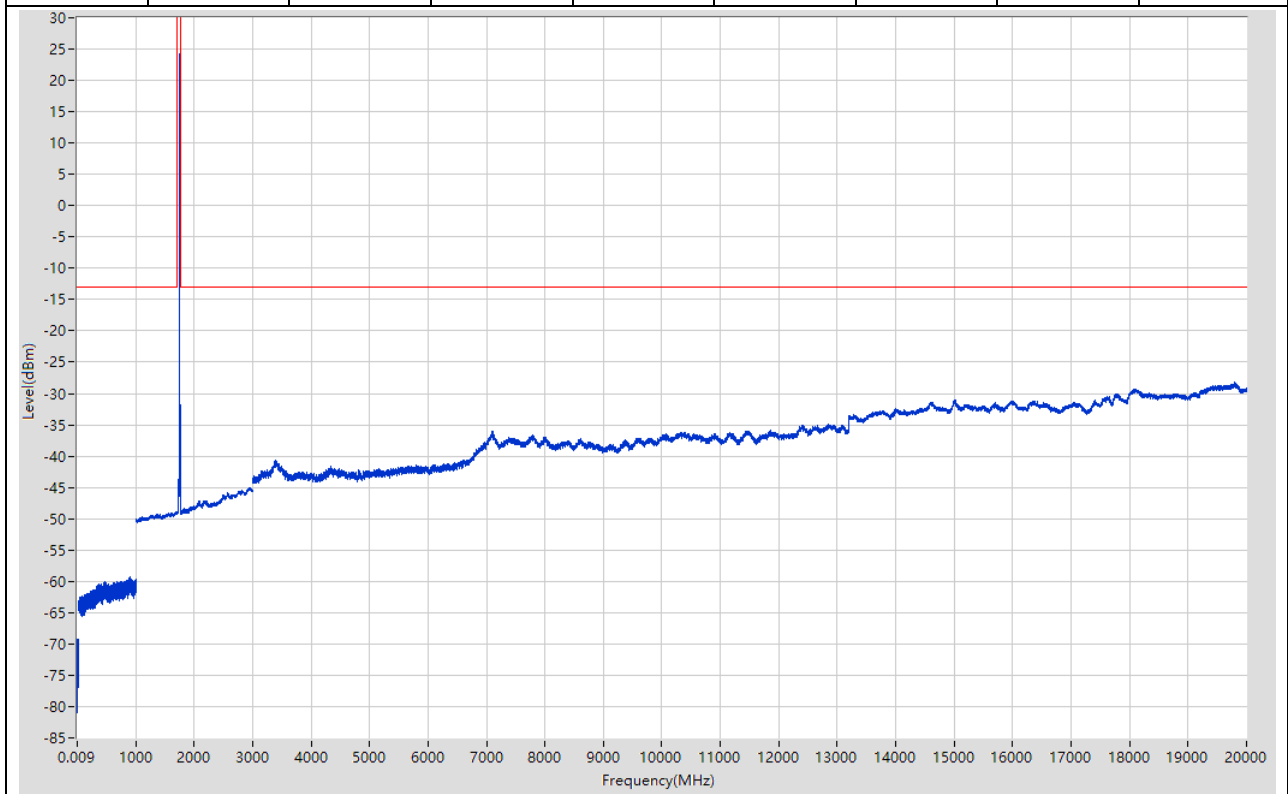
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -71.01      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.61      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 996.598         | -59.38      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1688            | -48.95      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1727.95         | 22.66       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2957            | -45.04      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11495           | -35.78      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19808           | -28.27      | -13         | Pass    | 8001        |



### 6.23. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

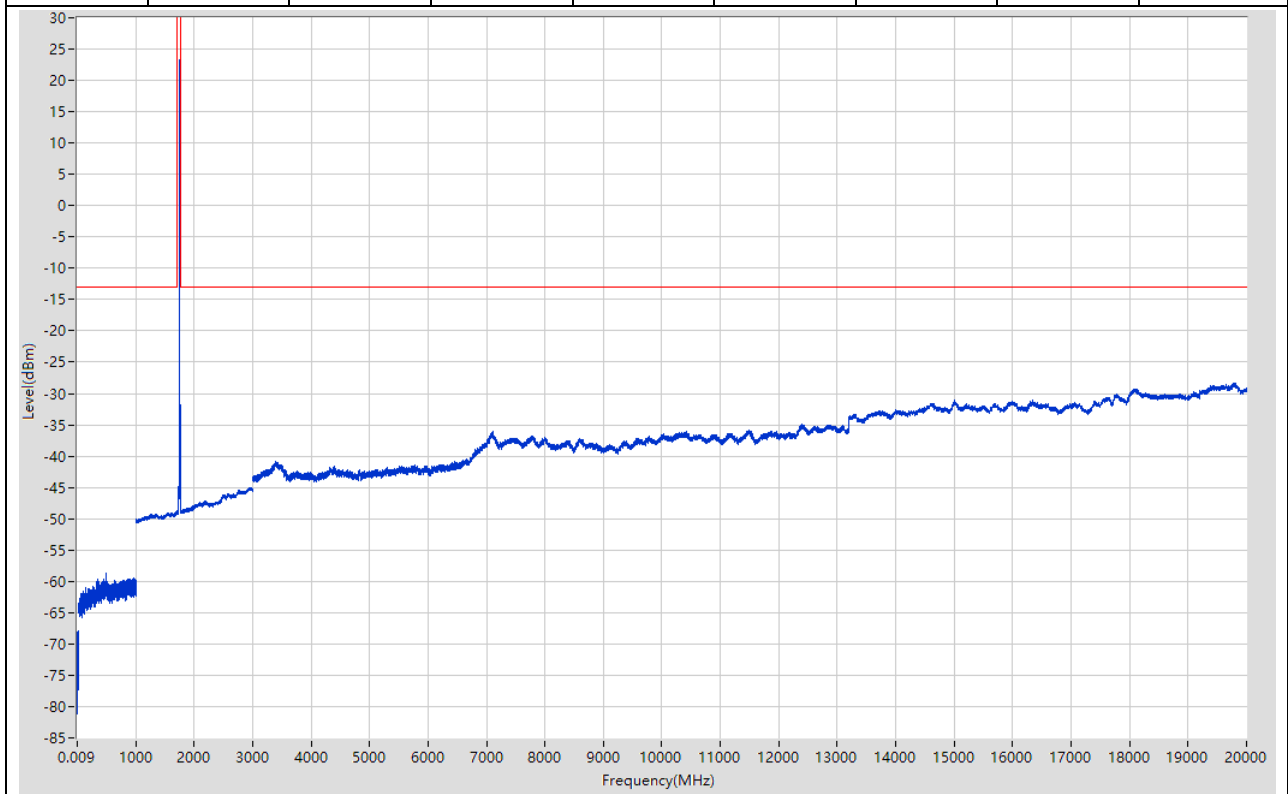
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.42      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.84           | -69.2       | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 905.738         | -59.3       | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1686            | -48.92      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1745.5          | 24.33       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2959            | -45.06      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11855           | -35.83      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19801           | -28.23      | -13         | Pass    | 8001        |



## 6.24. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

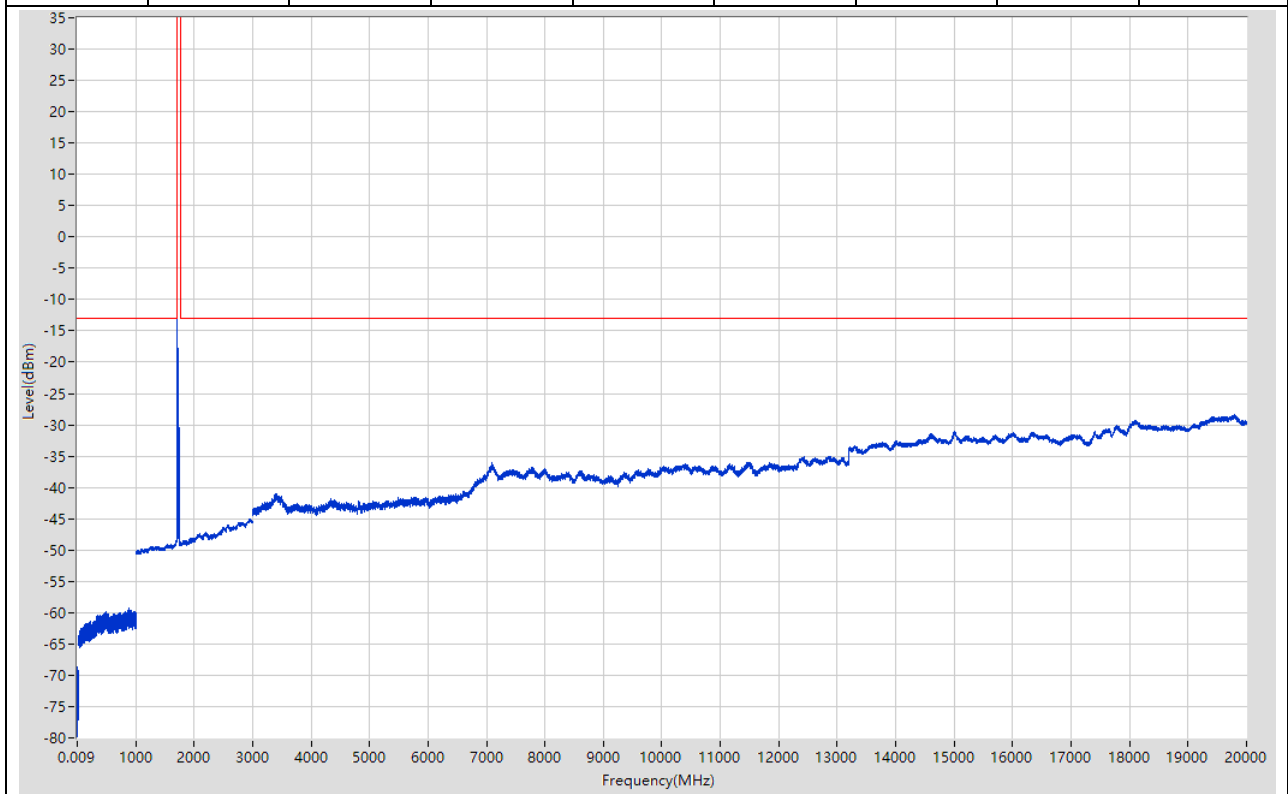
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -70.76      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.4            | -67.92      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 487.7           | -58.64      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -48.9       | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1745.5          | 23.24       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2985            | -45         | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11494           | -35.91      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19804           | -28.3       | -13         | Pass    | 8001        |



## 6.25. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:25, Channel:20025, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

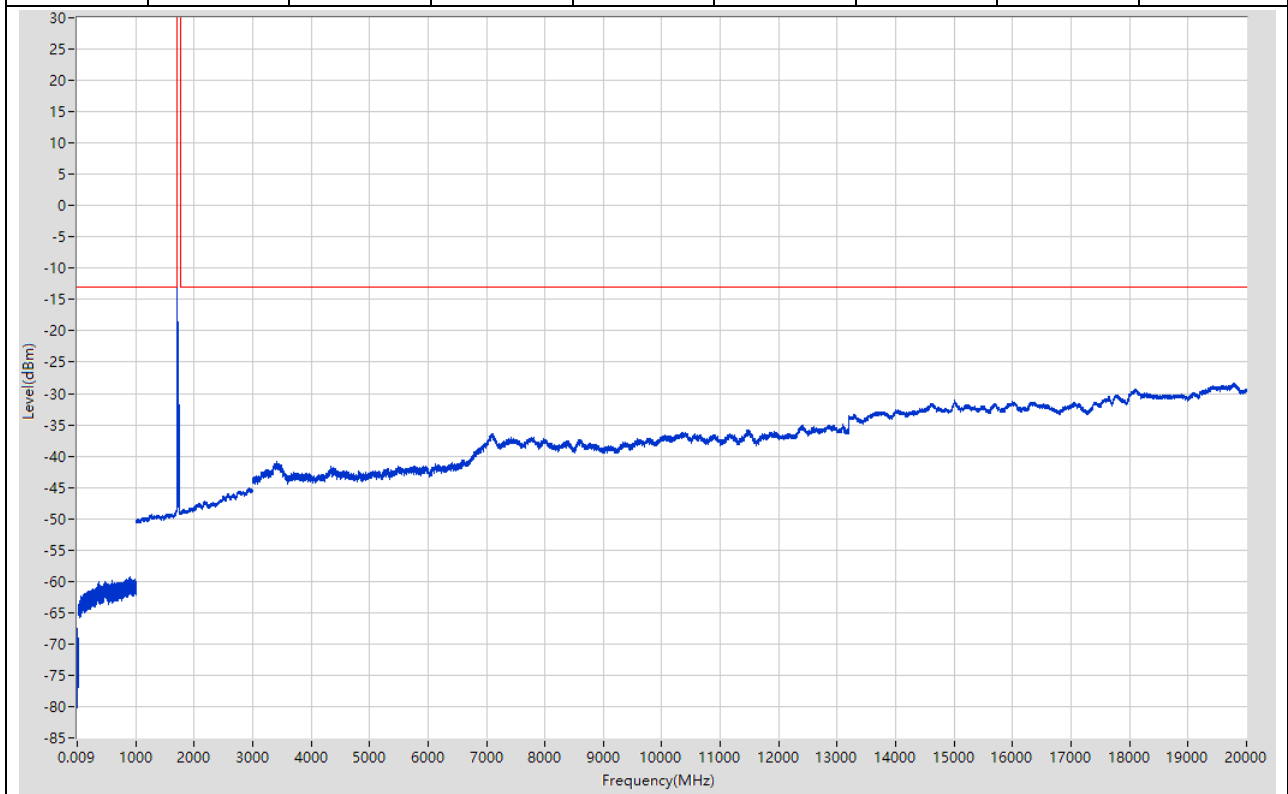
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.121               | -71.83         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 0.2                 | -68.59         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 878.219             | -59.23         | -13            | Pass    | 9701           |
| 1000                         | 1700                        | 1            | RMS      | 1698                | -45.58         | -13            | Pass    | 701            |
| 1700                         | 1765                        | 1            | RMS      | 1710.725            | 25.06          | 60             | Pass    | 401            |
| 1765                         | 3000                        | 1            | RMS      | 2960                | -45.1          | -13            | Pass    | 1236           |
| 3000                         | 12000                       | 1            | RMS      | 11848               | -35.98         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19791               | -28.42         | -13            | Pass    | 8001           |



## 6.26. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

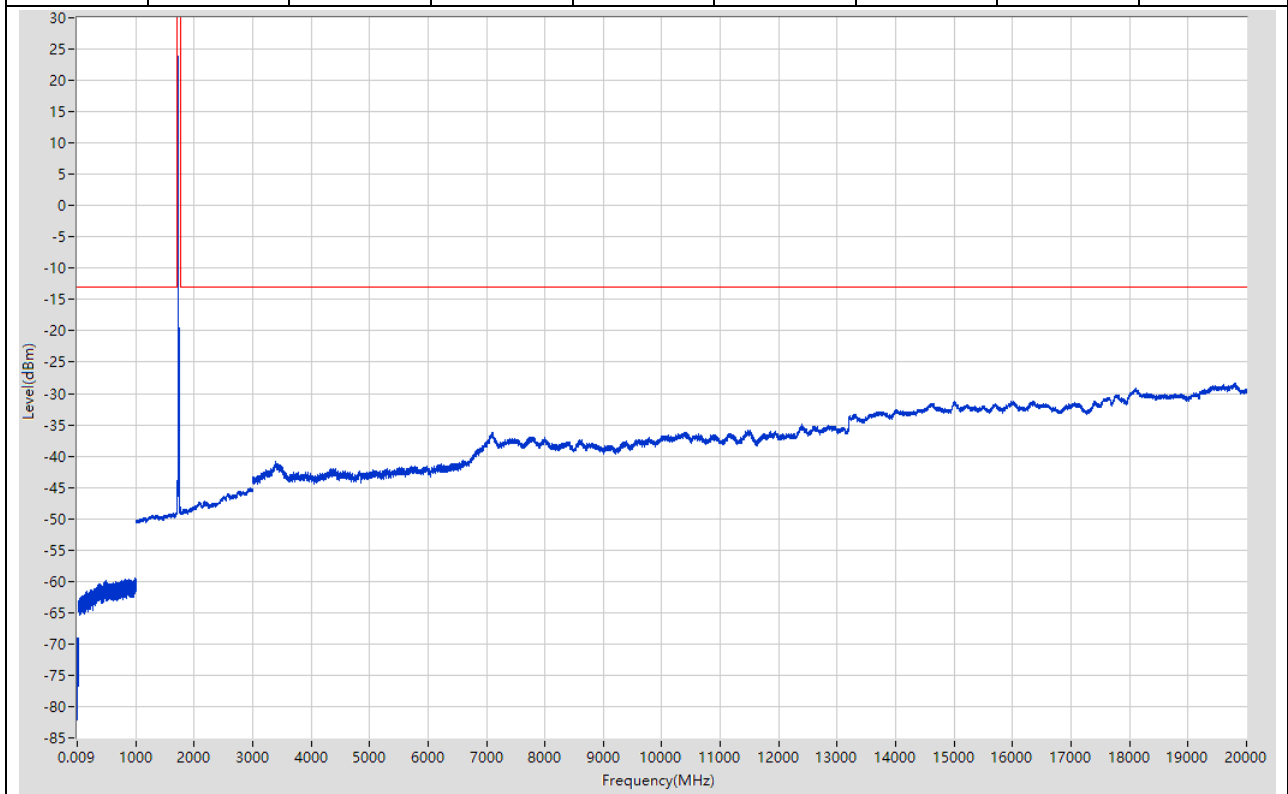
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -70.41      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.52      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 900.534         | -59.35      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1698            | -47.3       | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.725        | 23.64       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2932            | -45.13      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11497           | -35.83      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19768           | -28.37      | -13         | Pass    | 8001        |



## 6.27. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:27, Channel:20175, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

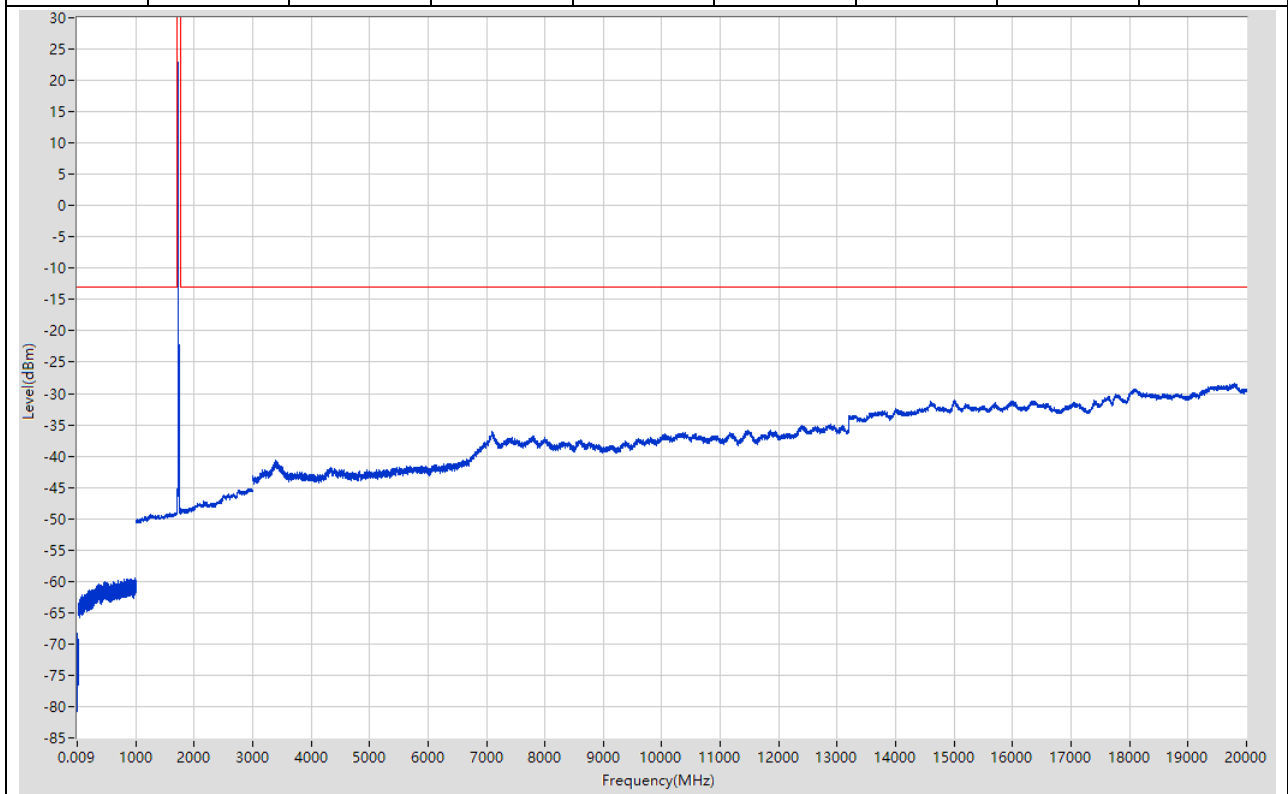
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -72.28      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.72            | -69.04      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 995.397         | -59.47      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1699            | -45.57      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1725.838        | 23.93       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2958            | -45.11      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11476           | -35.77      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19803           | -28.34      | -13         | Pass    | 8001        |



## 6.28. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:28, Channel:20175, Bandwidth:15,  
Modulation:Q16, RB Number: 1, RB Position:LOW)

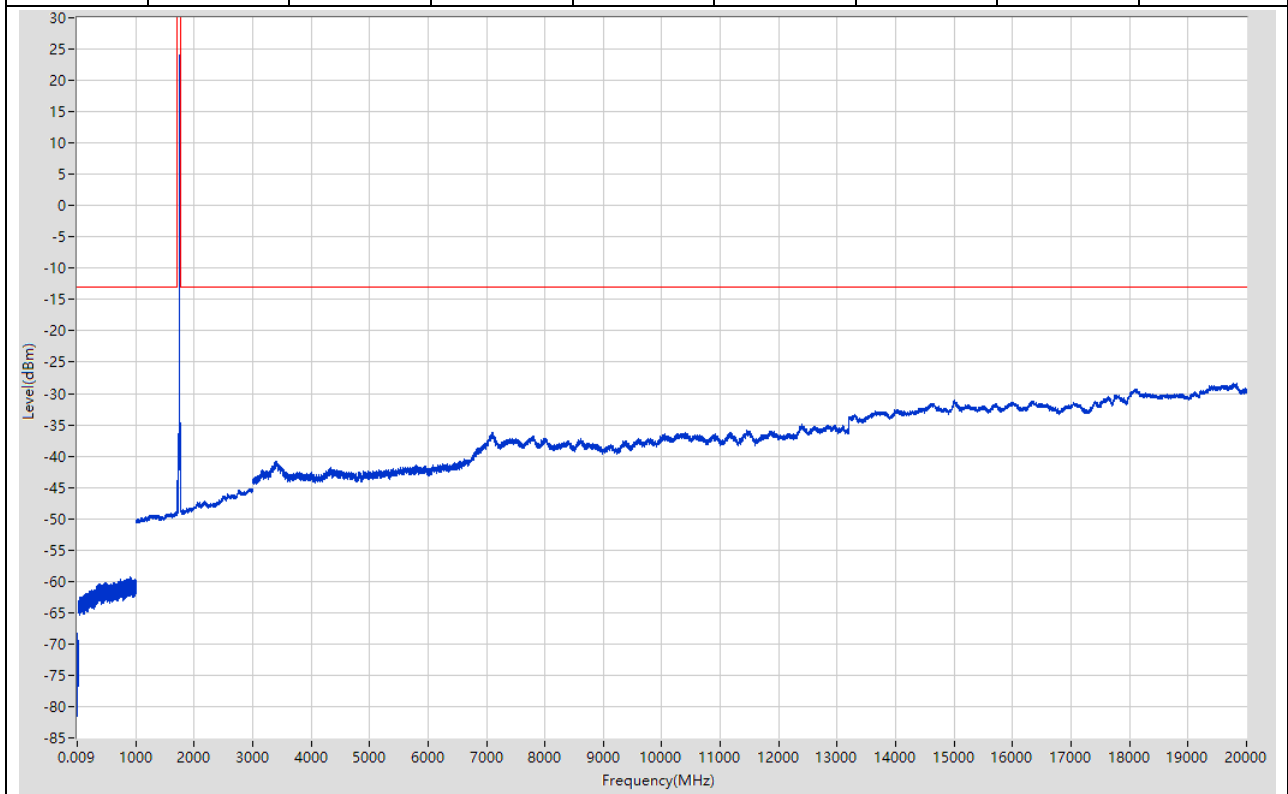
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.087               | -71.69         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 0.2                 | -68.25         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 995.297             | -59.49         | -13            | Pass    | 9701           |
| 1000                         | 1700                        | 1            | RMS      | 1699                | -45.53         | -13            | Pass    | 701            |
| 1700                         | 1765                        | 1            | RMS      | 1725.838            | 22.91          | 60             | Pass    | 401            |
| 1765                         | 3000                        | 1            | RMS      | 2958                | -45.23         | -13            | Pass    | 1236           |
| 3000                         | 12000                       | 1            | RMS      | 11475               | -35.88         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19793               | -28.31         | -13            | Pass    | 8001           |



## 6.29. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:29, Channel:20325, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

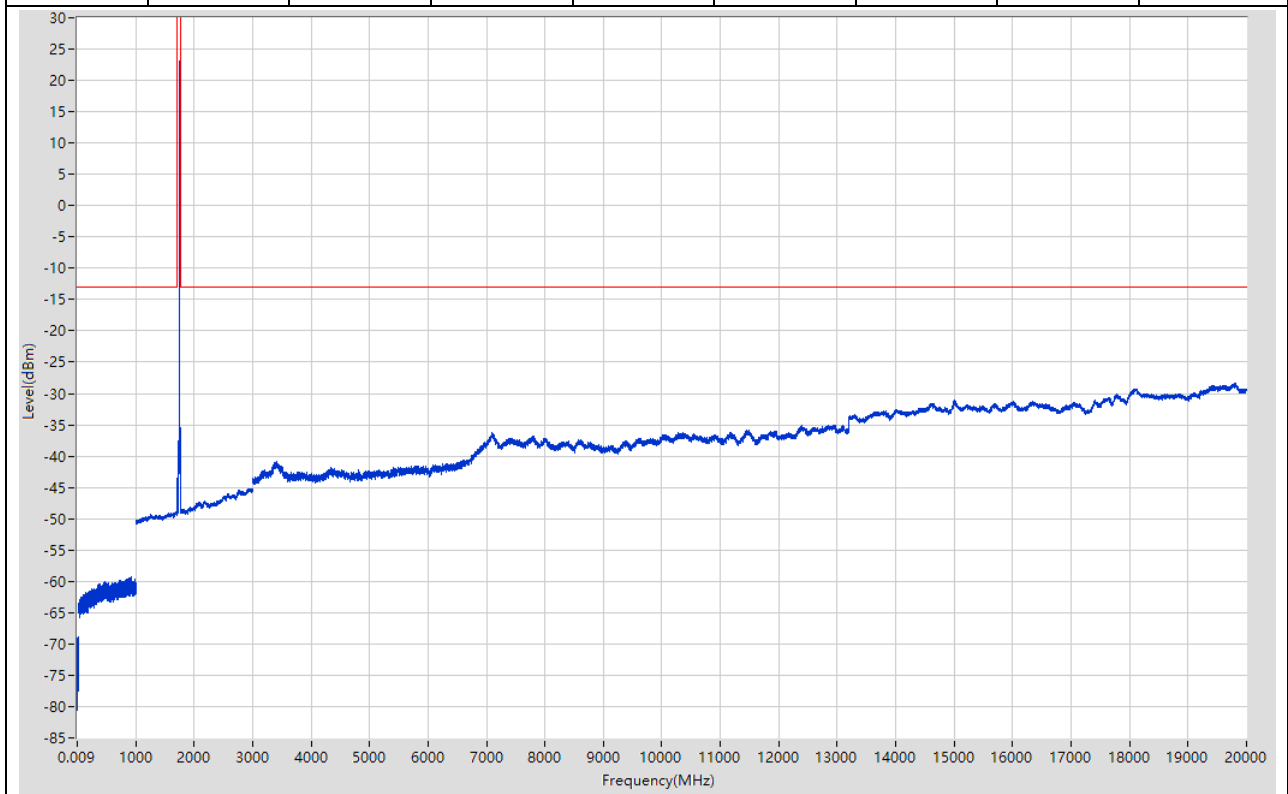
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.072               | -71.62         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 0.2                 | -68.2          | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 912.742             | -59.19         | -13            | Pass    | 9701           |
| 1000                         | 1700                        | 1            | RMS      | 1678                | -48.94         | -13            | Pass    | 701            |
| 1700                         | 1765                        | 1            | RMS      | 1740.788            | 24.04          | 60             | Pass    | 401            |
| 1765                         | 3000                        | 1            | RMS      | 1767                | -36.41         | -13            | Pass    | 1236           |
| 3000                         | 12000                       | 1            | RMS      | 11458               | -35.9          | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19827               | -28.44         | -13            | Pass    | 8001           |



### 6.30. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

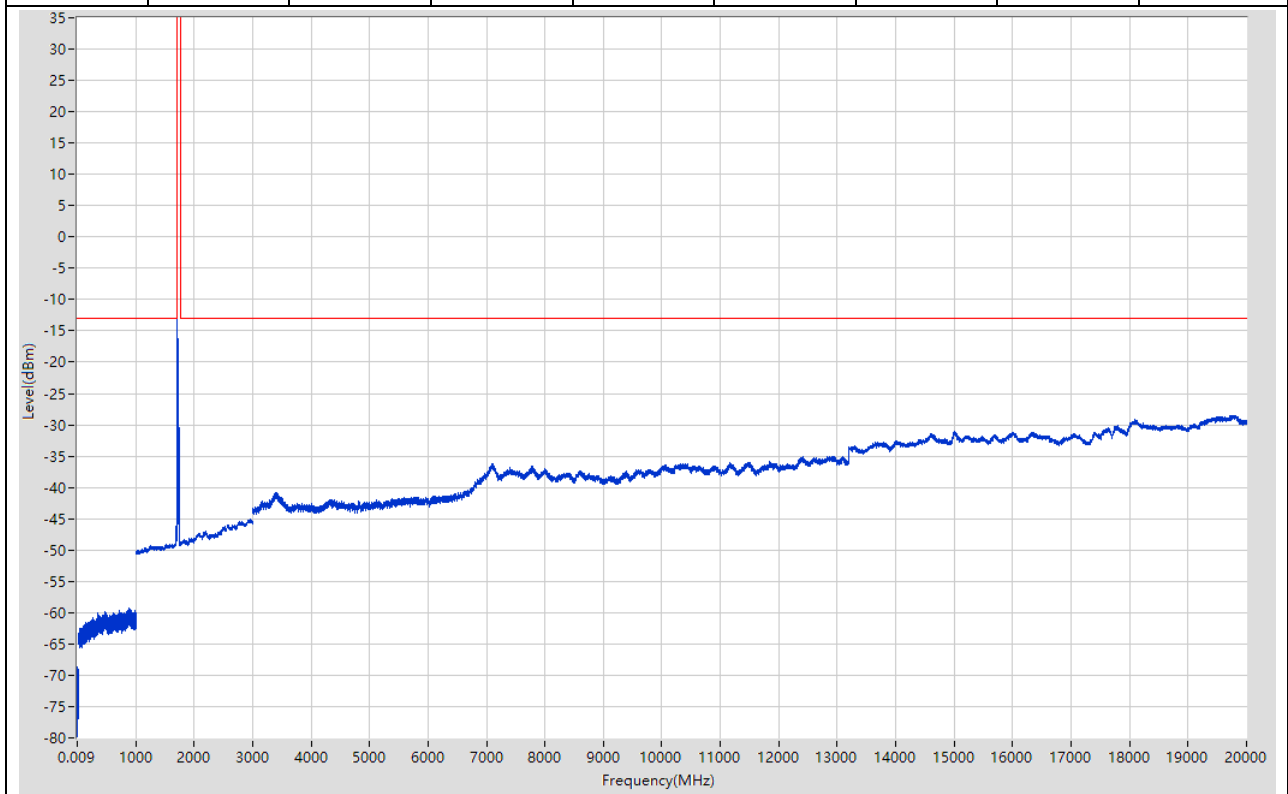
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -71.08      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 11.85           | -68.79      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 915.544         | -59.34      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1678            | -48.89      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1740.788        | 23.01       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 1767            | -36.68      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11500           | -35.85      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19805           | -28.33      | -13         | Pass    | 8001        |



### 6.31. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:31, Channel:20050, Bandwidth:20,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

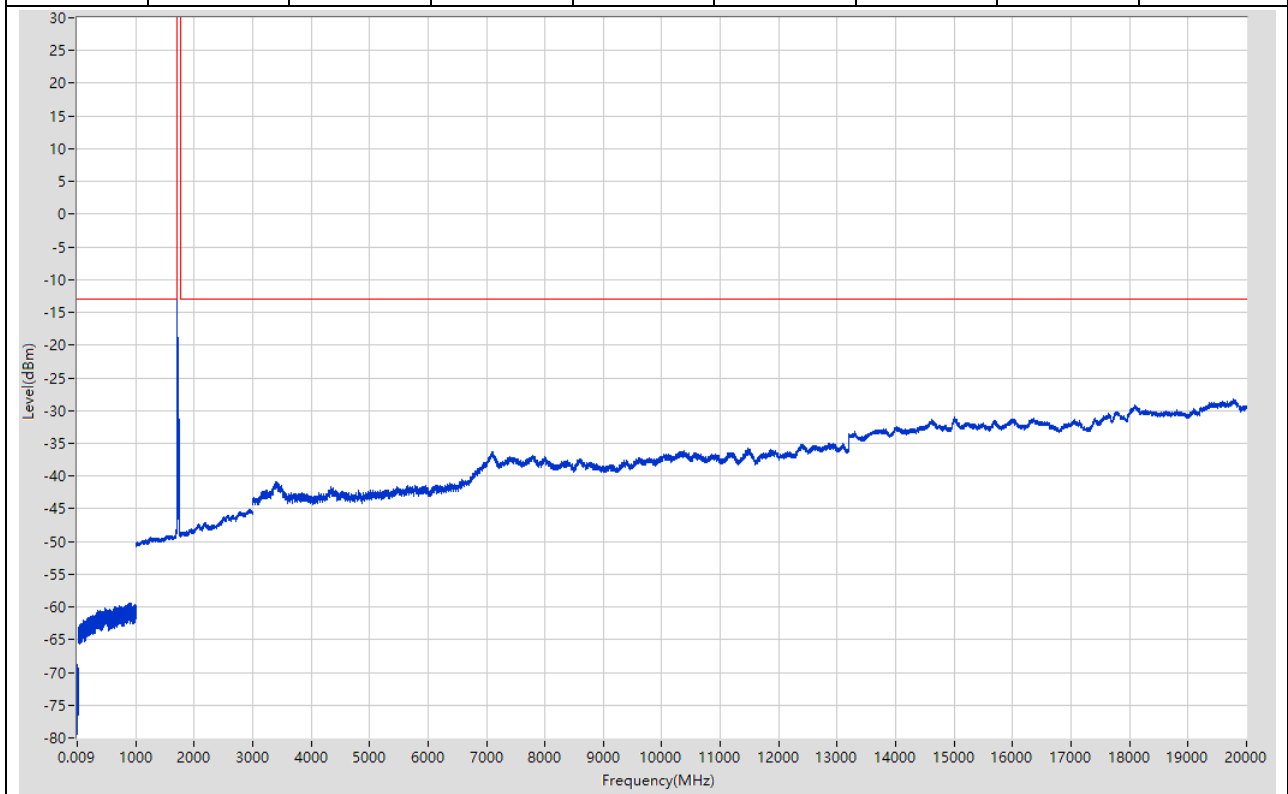
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.12                | -71.72         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 0.57                | -68.63         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 892.129             | -59.19         | -13            | Pass    | 9701           |
| 1000                         | 1700                        | 1            | RMS      | 1693                | -46.18         | -13            | Pass    | 701            |
| 1700                         | 1765                        | 1            | RMS      | 1711.05             | 25.14          | 60             | Pass    | 401            |
| 1765                         | 3000                        | 1            | RMS      | 2962                | -45.15         | -13            | Pass    | 1236           |
| 3000                         | 12000                       | 1            | RMS      | 11849               | -35.91         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19781               | -28.46         | -13            | Pass    | 8001           |



### 6.32. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

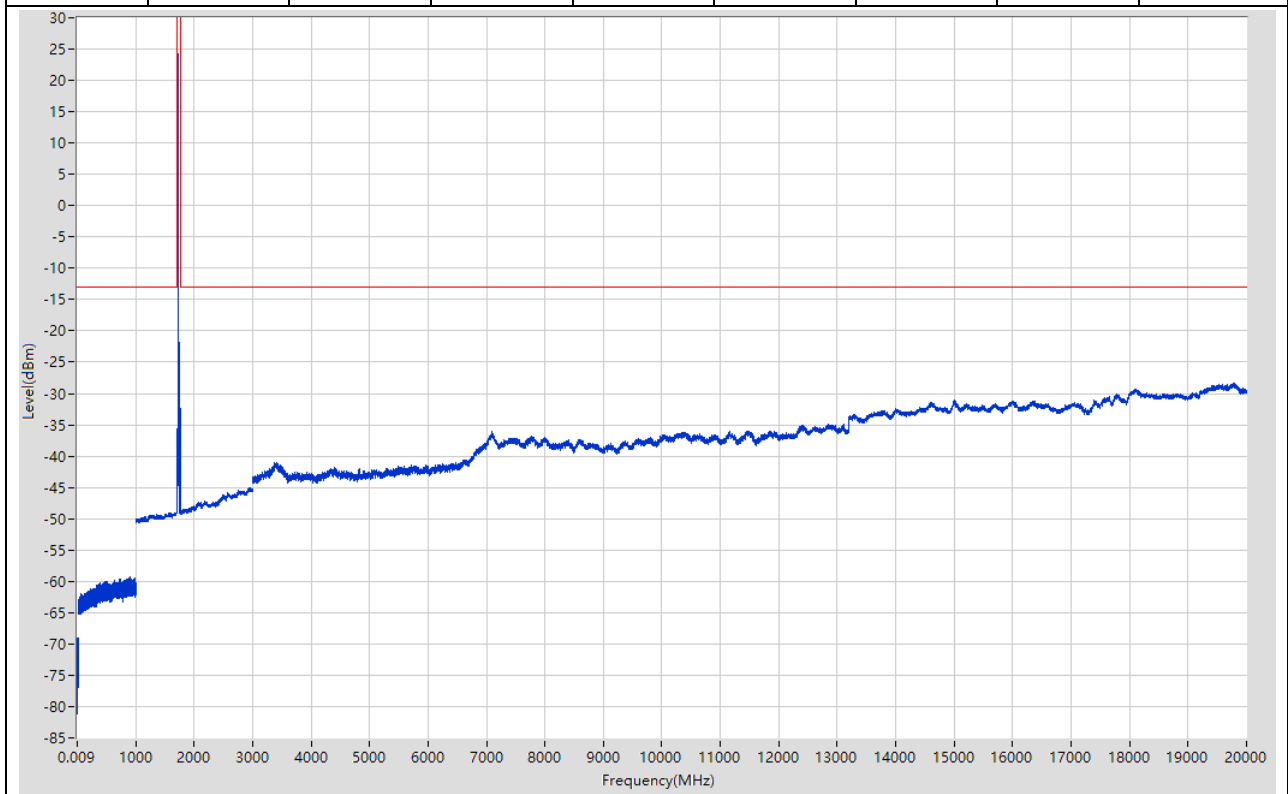
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.041           | -71.87      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.79      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 890.427         | -59.37      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -47.99      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1711.05         | 23.5        | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2959            | -45.19      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11476           | -35.75      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19782           | -28.3       | -13         | Pass    | 8001        |



### 6.33. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:33, Channel:20175, Bandwidth:20,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

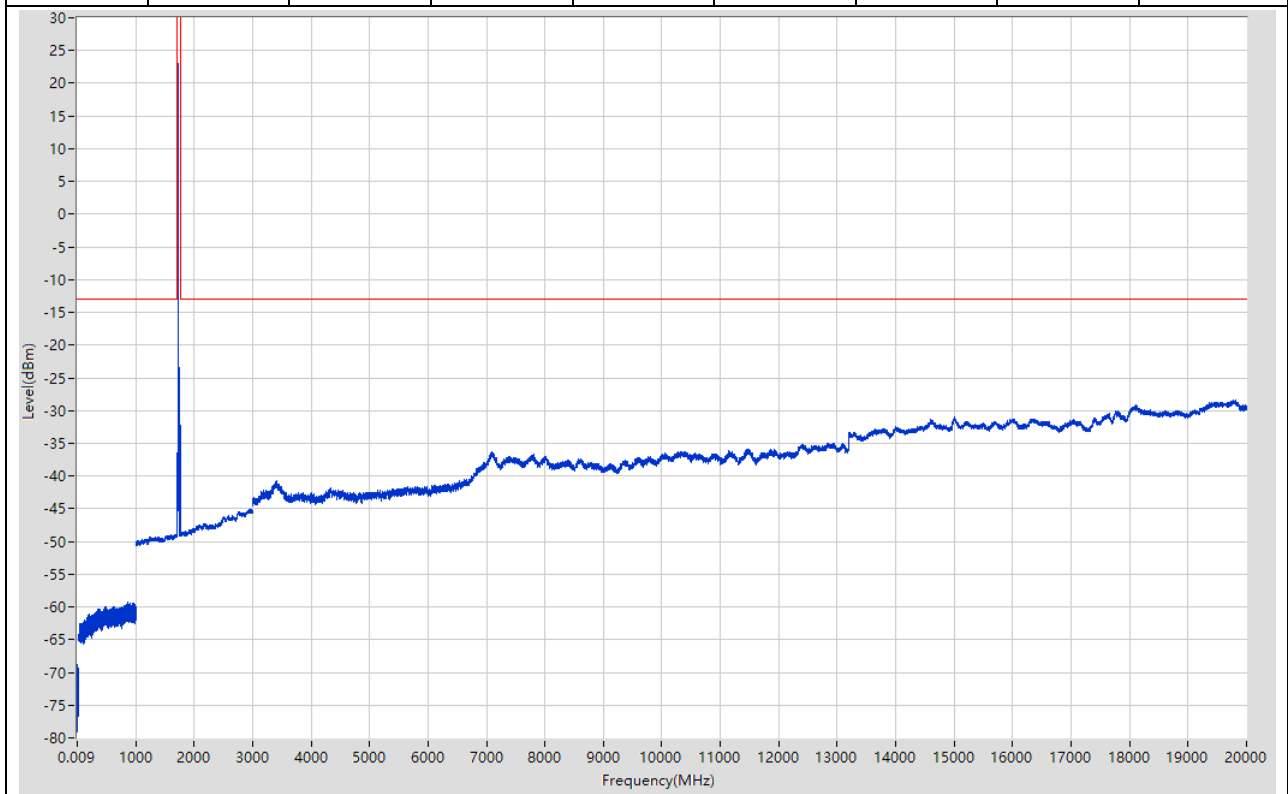
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.013               | -71.47         | -13            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 7.35                | -69.02         | -13            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 912.442             | -59.29         | -13            | Pass    | 9701           |
| 1000                         | 1700                        | 1            | RMS      | 1697                | -48            | -13            | Pass    | 701            |
| 1700                         | 1765                        | 1            | RMS      | 1723.563            | 24.24          | 60             | Pass    | 401            |
| 1765                         | 3000                        | 1            | RMS      | 2968                | -45.01         | -13            | Pass    | 1236           |
| 3000                         | 12000                       | 1            | RMS      | 11489               | -35.95         | -13            | Pass    | 9002           |
| 12000                        | 20000                       | 1            | RMS      | 19781               | -28.43         | -13            | Pass    | 8001           |



### 6.34. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

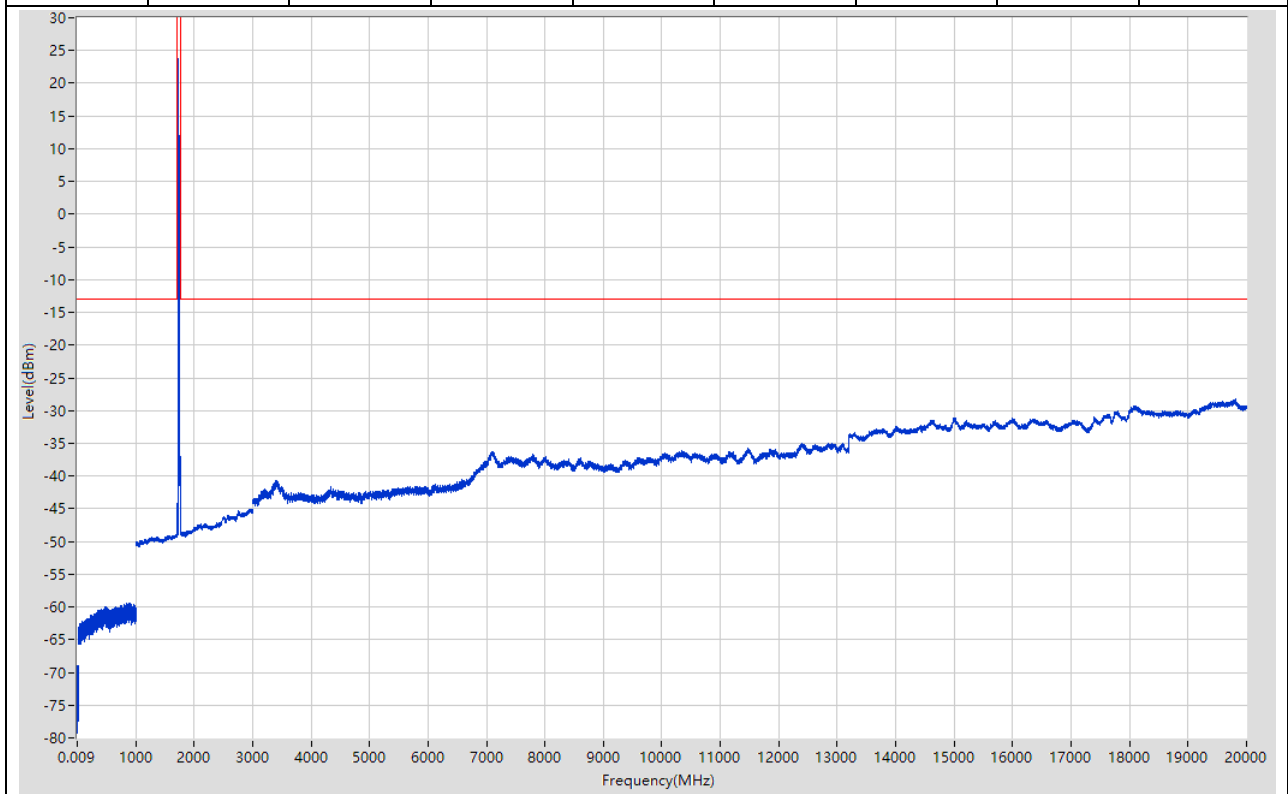
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -70.73      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.77      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 870.614         | -59.23      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1697            | -48.07      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1723.563        | 22.95       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2958            | -45.06      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11491           | -35.85      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19811           | -28.33      | -13         | Pass    | 8001        |



### 6.35. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

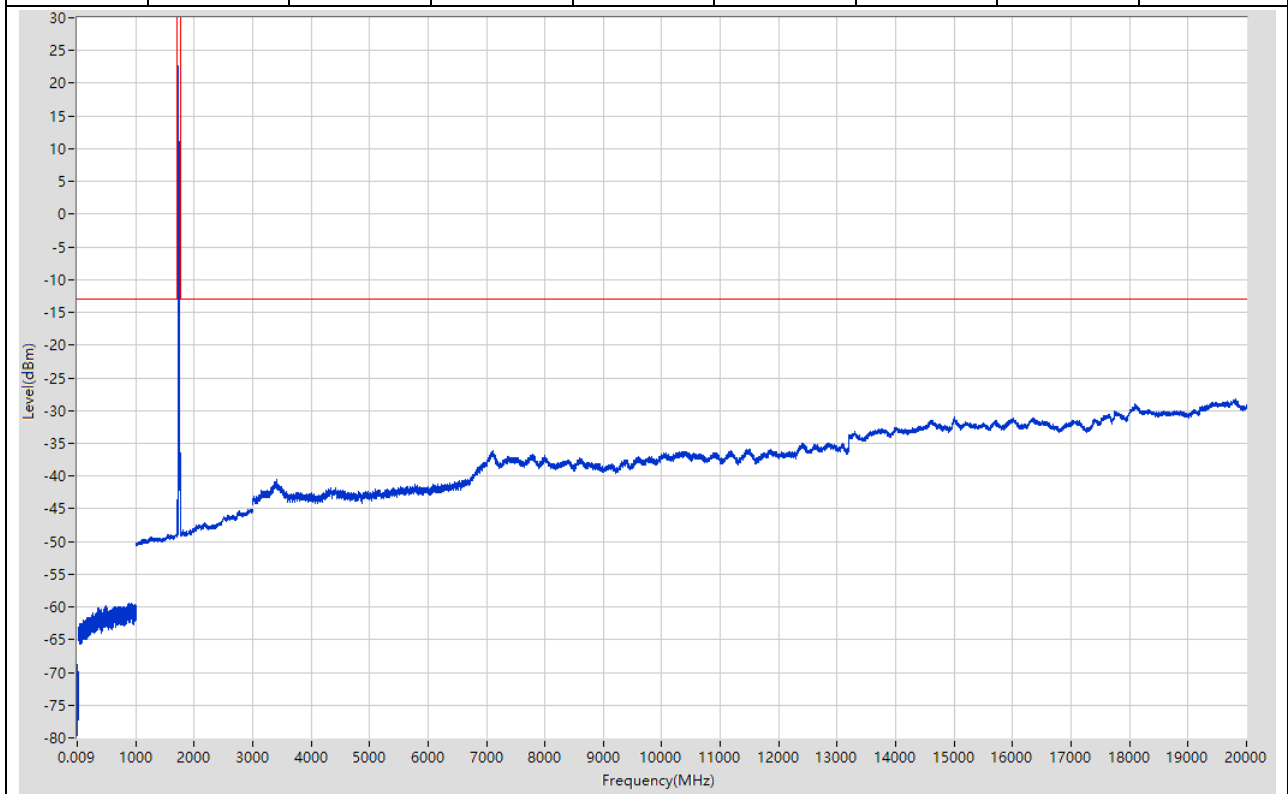
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.124           | -72.03      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 7.03            | -68.97      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 902.936         | -59.44      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -45.68      | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1736.075        | 23.71       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 1772            | -37.49      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11471           | -35.67      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19805           | -28.2       | -13         | Pass    | 8001        |



### 6.36. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

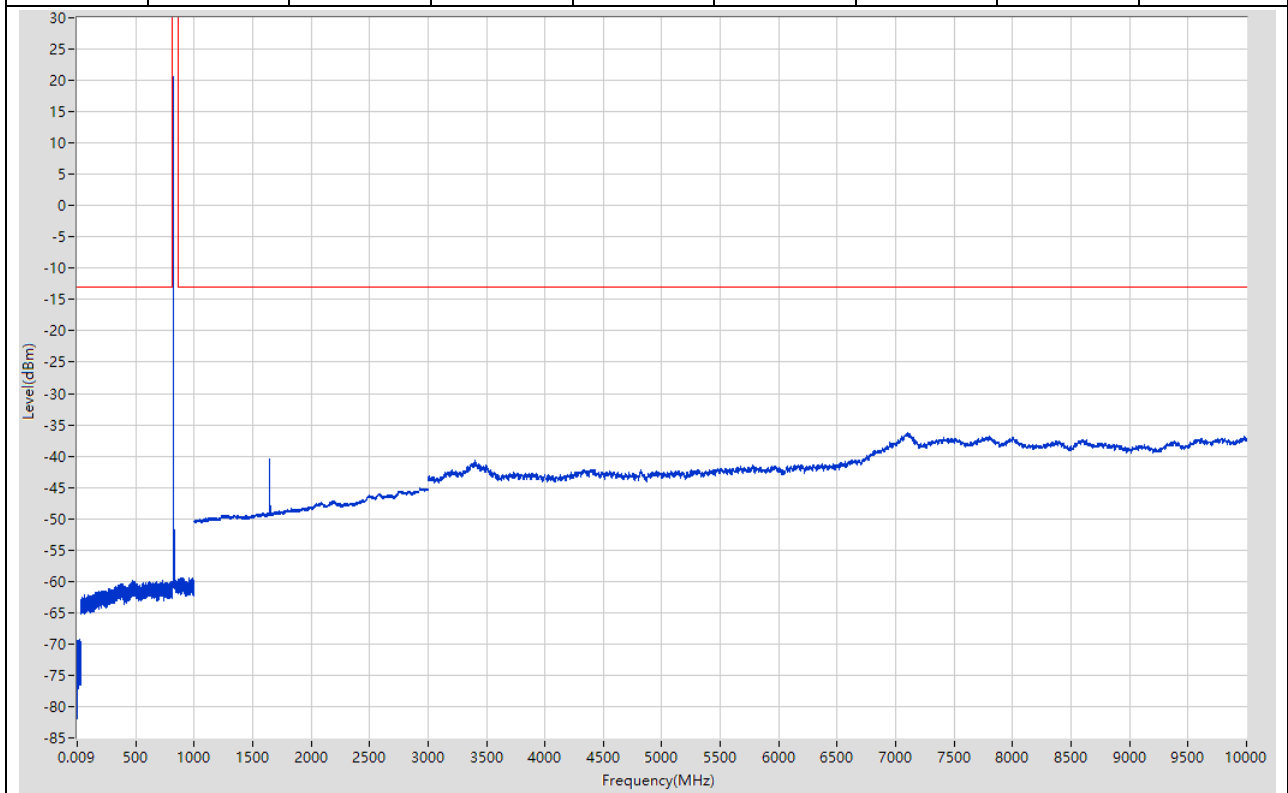
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.118           | -71.55      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 2.83            | -68.84      | -13         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 877.319         | -59.37      | -13         | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -45.2       | -13         | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1736.075        | 22.61       | 60          | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 1772            | -36.92      | -13         | Pass    | 1236        |
| 3000                  | 12000                | 1         | RMS      | 11489           | -35.86      | -13         | Pass    | 9002        |
| 12000                 | 20000                | 1         | RMS      | 19811           | -28.28      | -13         | Pass    | 8001        |



## 7. LTE\_Band5

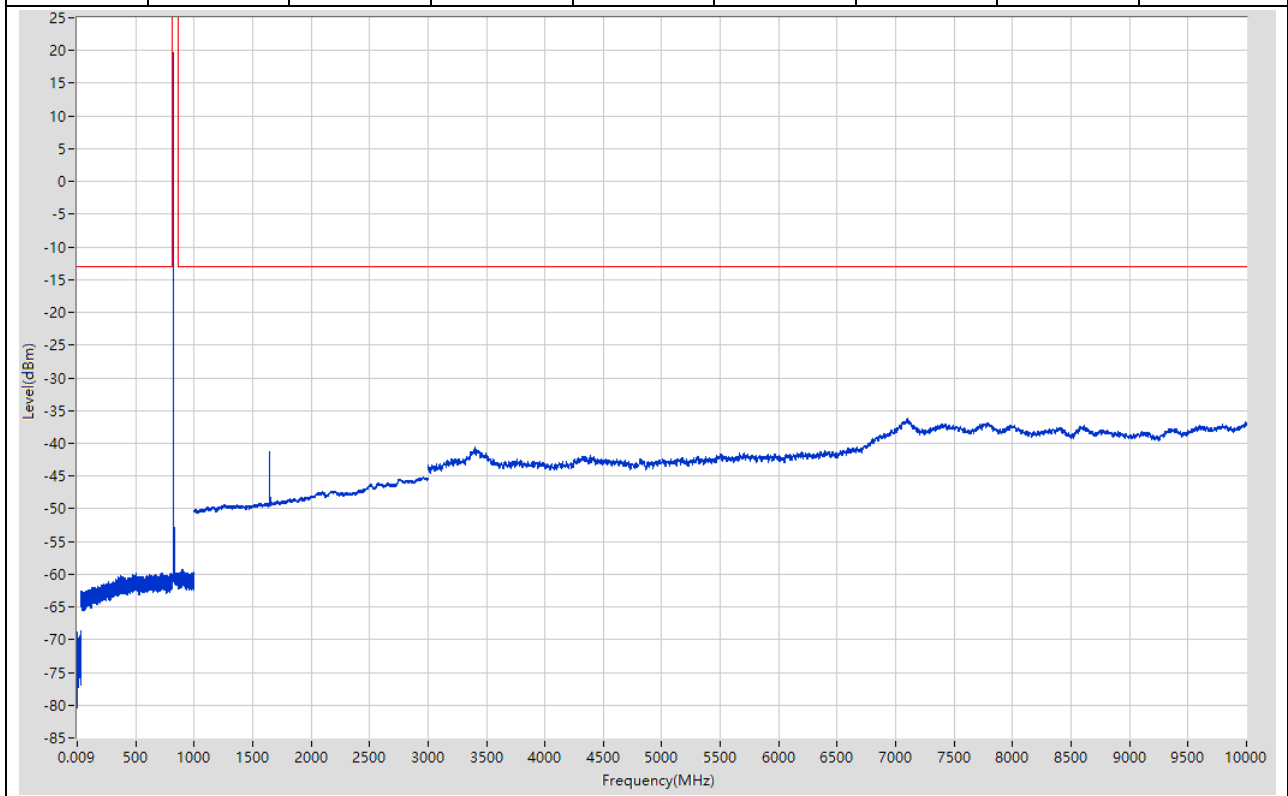
**7.1. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.032           | -70.79      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 22.71           | -69.17      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 730.8           | -59.92      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.2           | 20.56       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 957.4           | -59.38      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1648            | -40.51      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7105            | -36.31      | -13         | Pass    | 7001        |



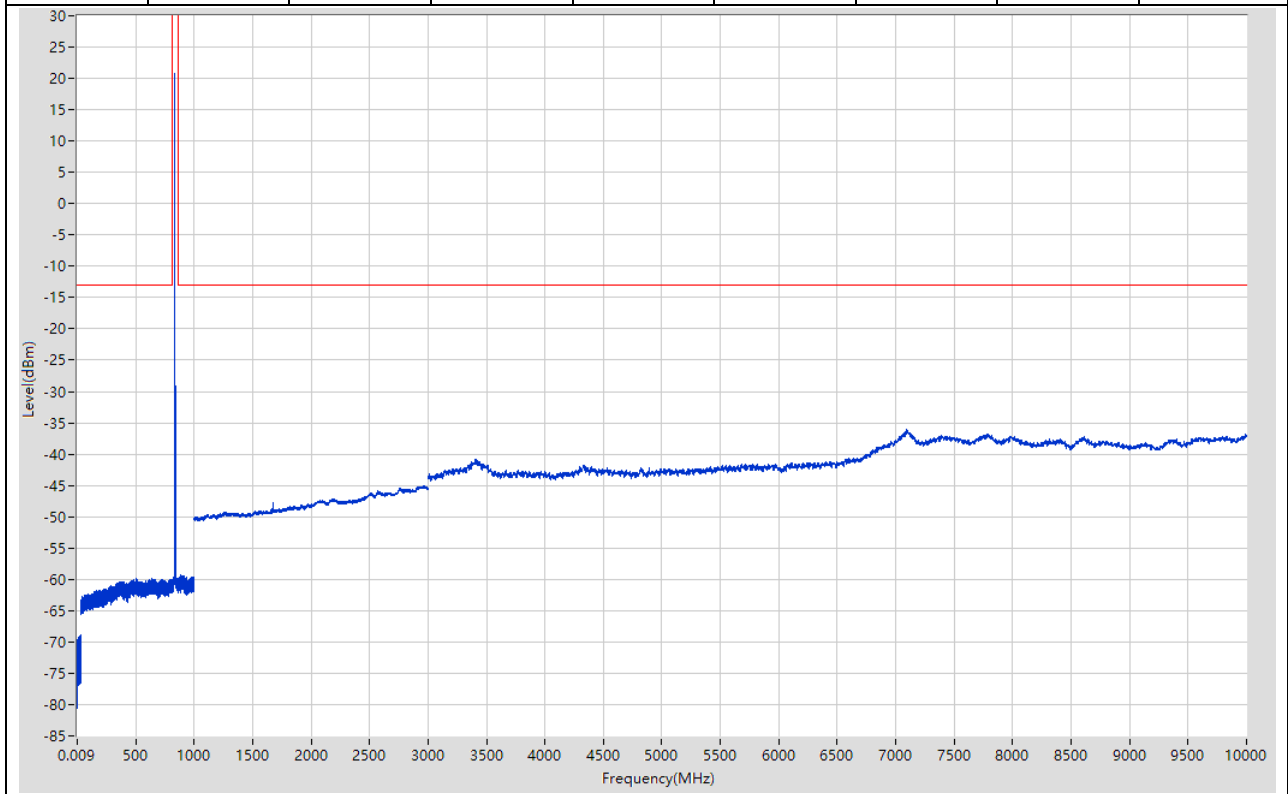
## 7.2. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -72.19      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.19           | -68.72      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 733.8           | -59.86      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.3           | 19.65       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 891.9           | -59.33      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1648            | -41.26      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7100            | -36.17      | -13         | Pass    | 7001        |



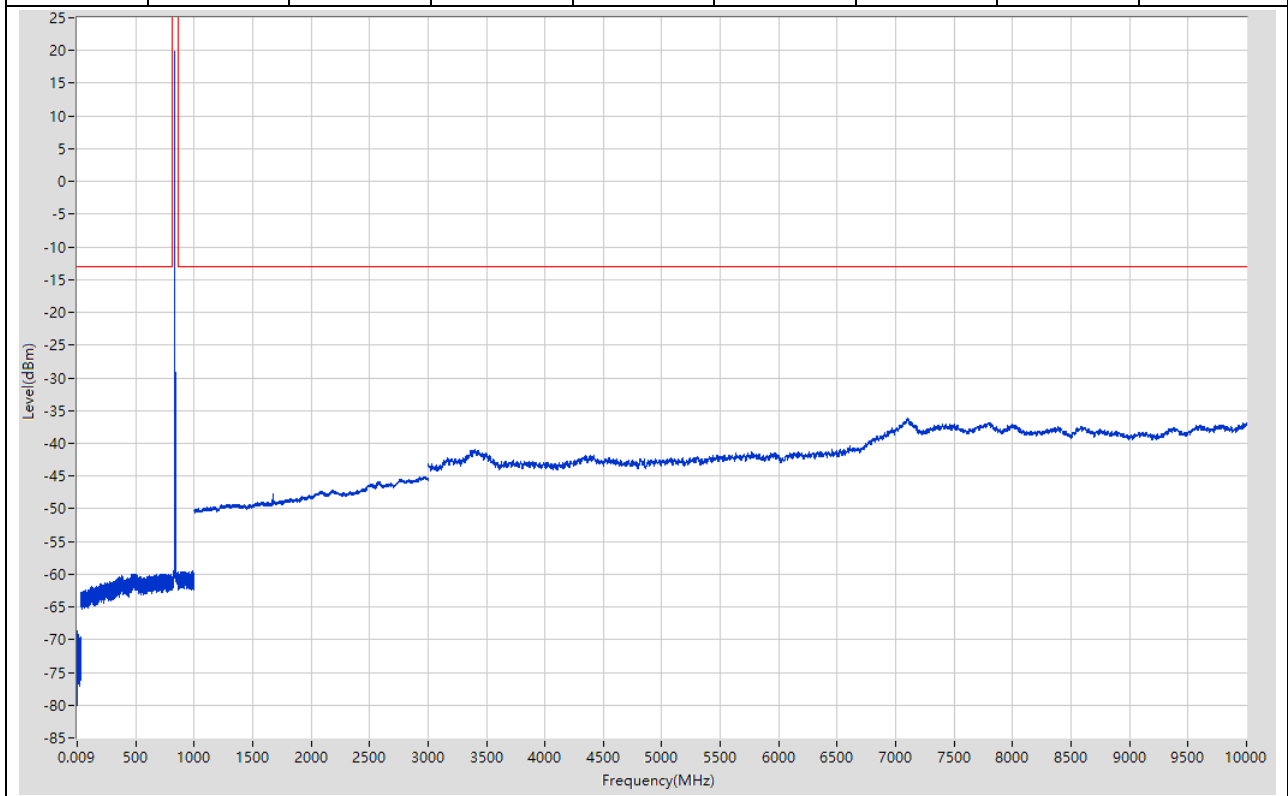
### 7.3. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -70.93      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 28.8            | -68.97      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 499.7           | -59.93      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 836             | 20.83       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 879.1           | -59.28      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2956            | -45.06      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7096            | -35.99      | -13         | Pass    | 7001        |



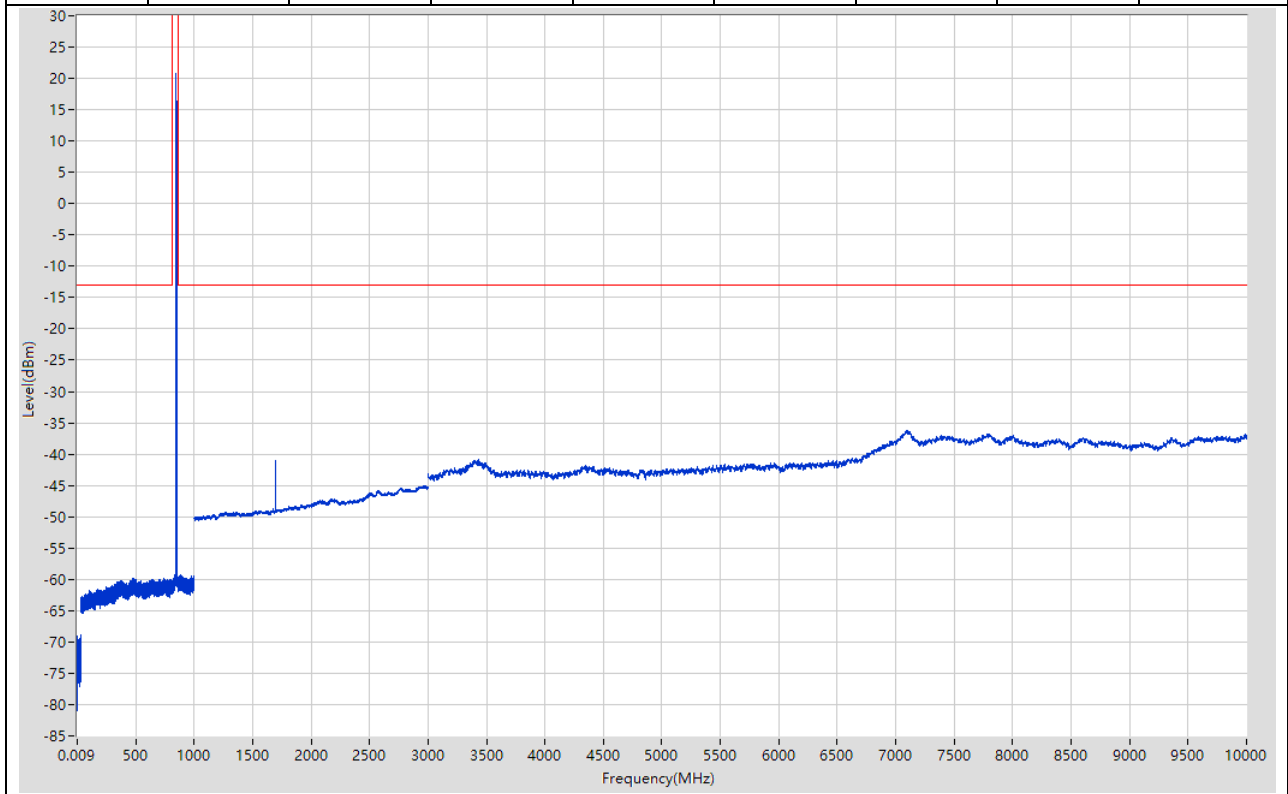
#### 7.4. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -70.29      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -68.62      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 707.4           | -59.94      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 836             | 19.82       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 984.4           | -59.52      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2977            | -45.13      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7102            | -36.17      | -13         | Pass    | 7001        |



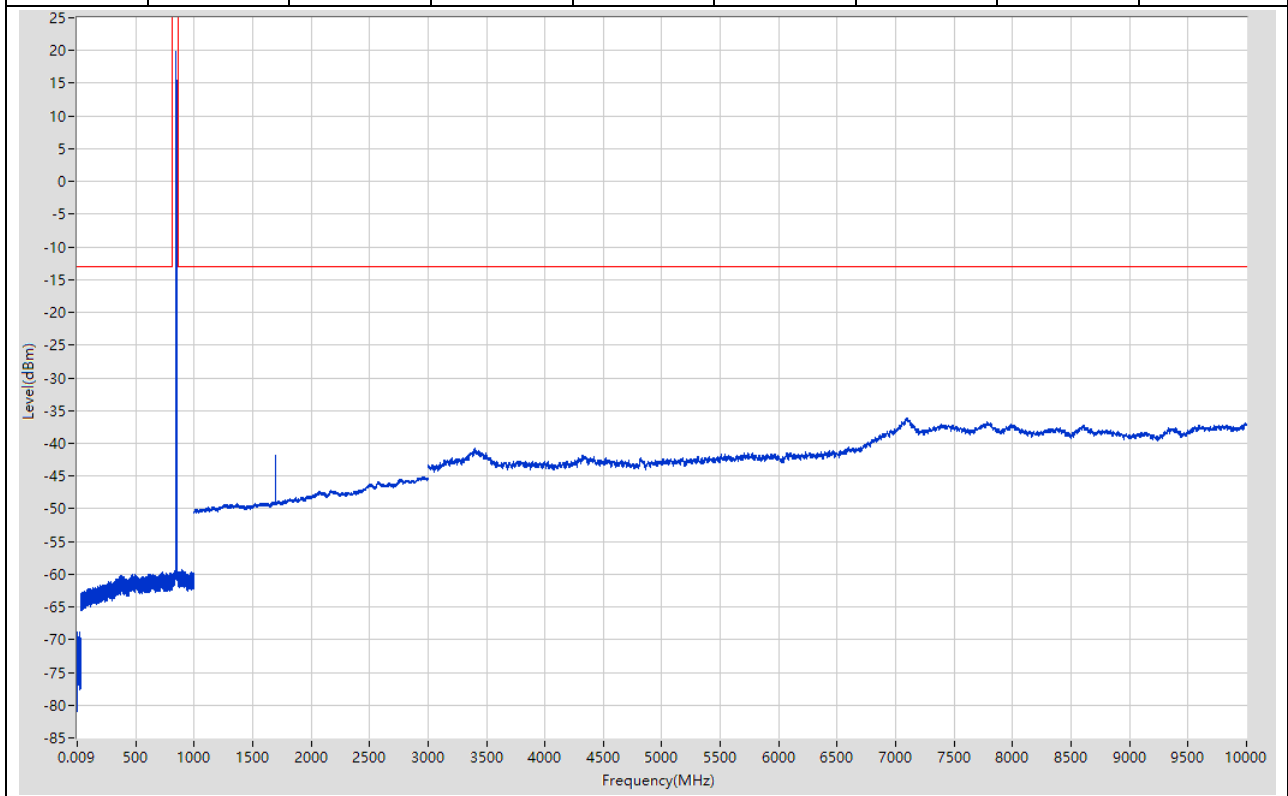
**7.5. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -70.53      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 28.91           | -68.95      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 744.9           | -59.84      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 847.8           | 20.7        | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 886.8           | -59.24      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1695            | -41.01      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7099            | -36.22      | -13         | Pass    | 7001        |



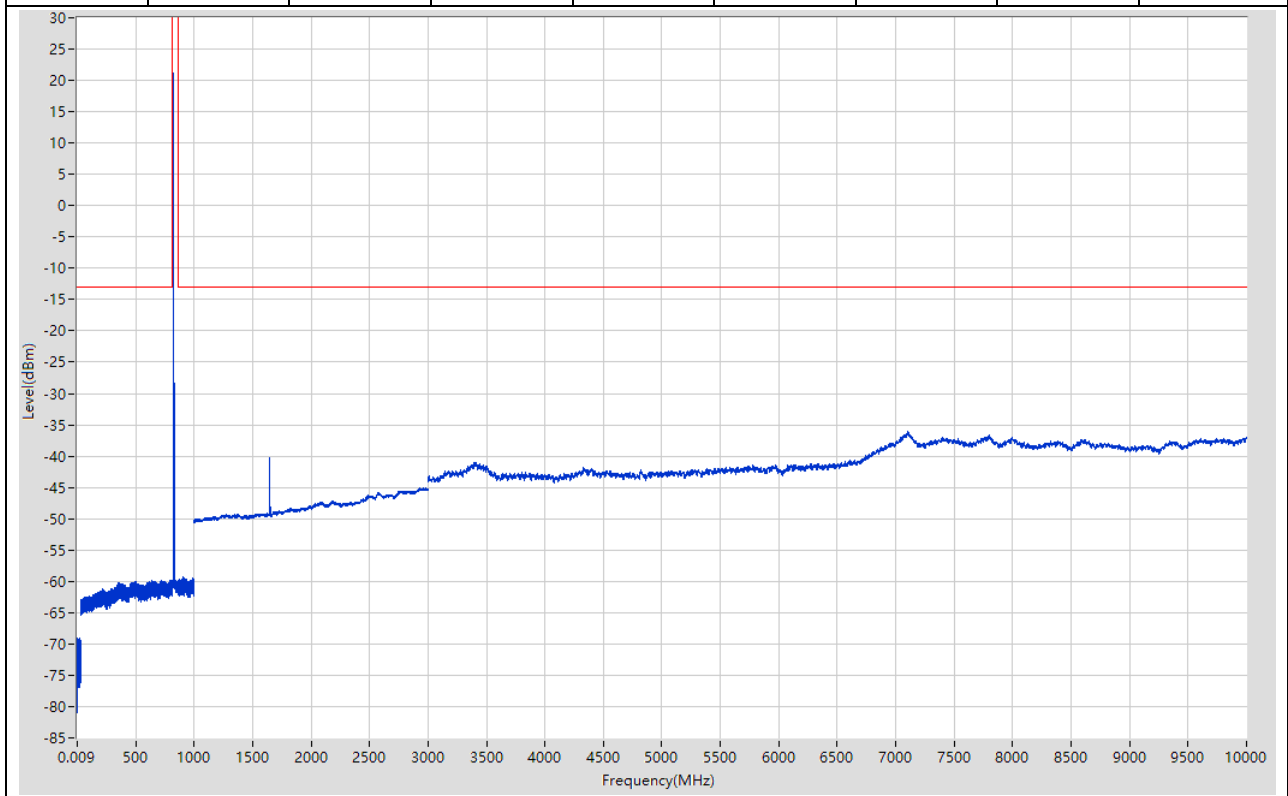
## 7.6. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.09      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 20.88           | -68.76      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 725             | -59.75      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 847.8           | 19.84       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 898.2           | -59.33      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1695            | -41.88      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7093            | -36.19      | -13         | Pass    | 7001        |



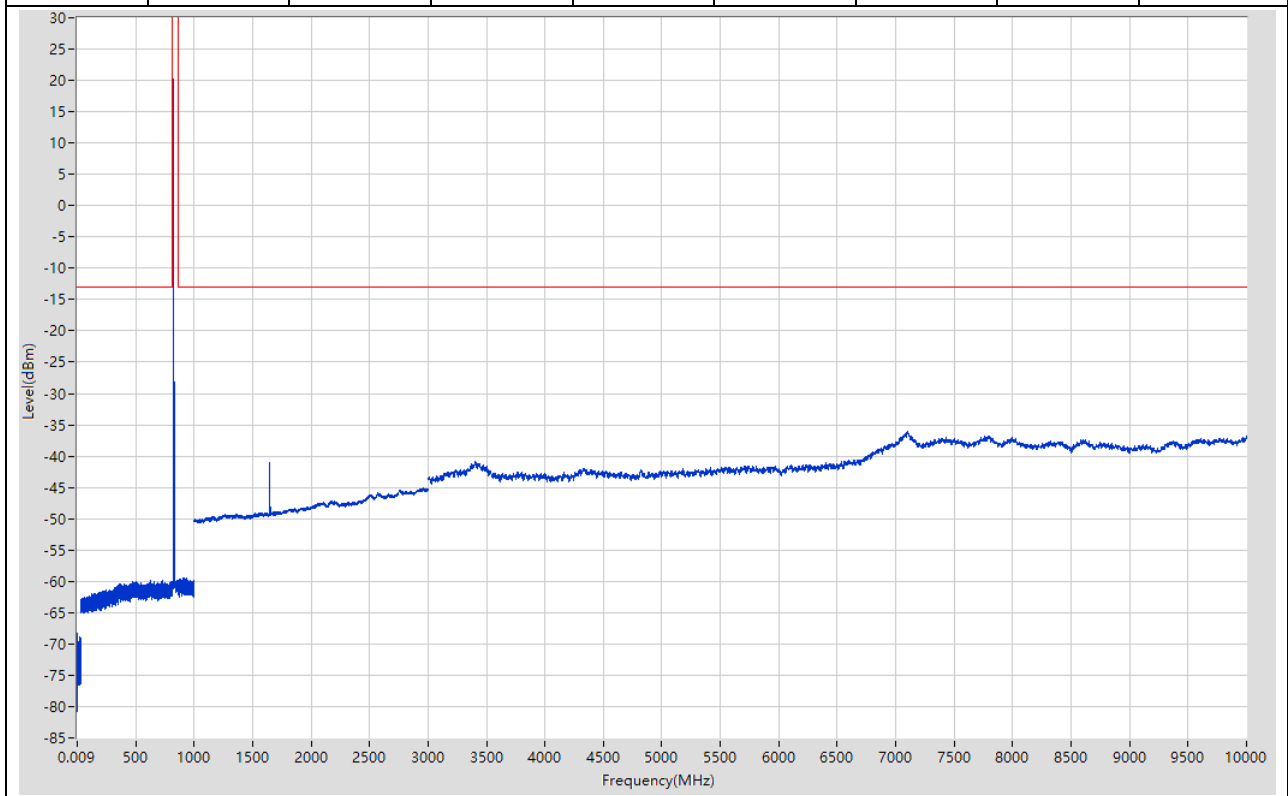
### 7.7. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.85      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.92            | -69.06      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 719.5           | -59.88      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.2           | 21.14       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 901.9           | -59.2       | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1648            | -40.3       | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7100            | -36.1       | -13         | Pass    | 7001        |



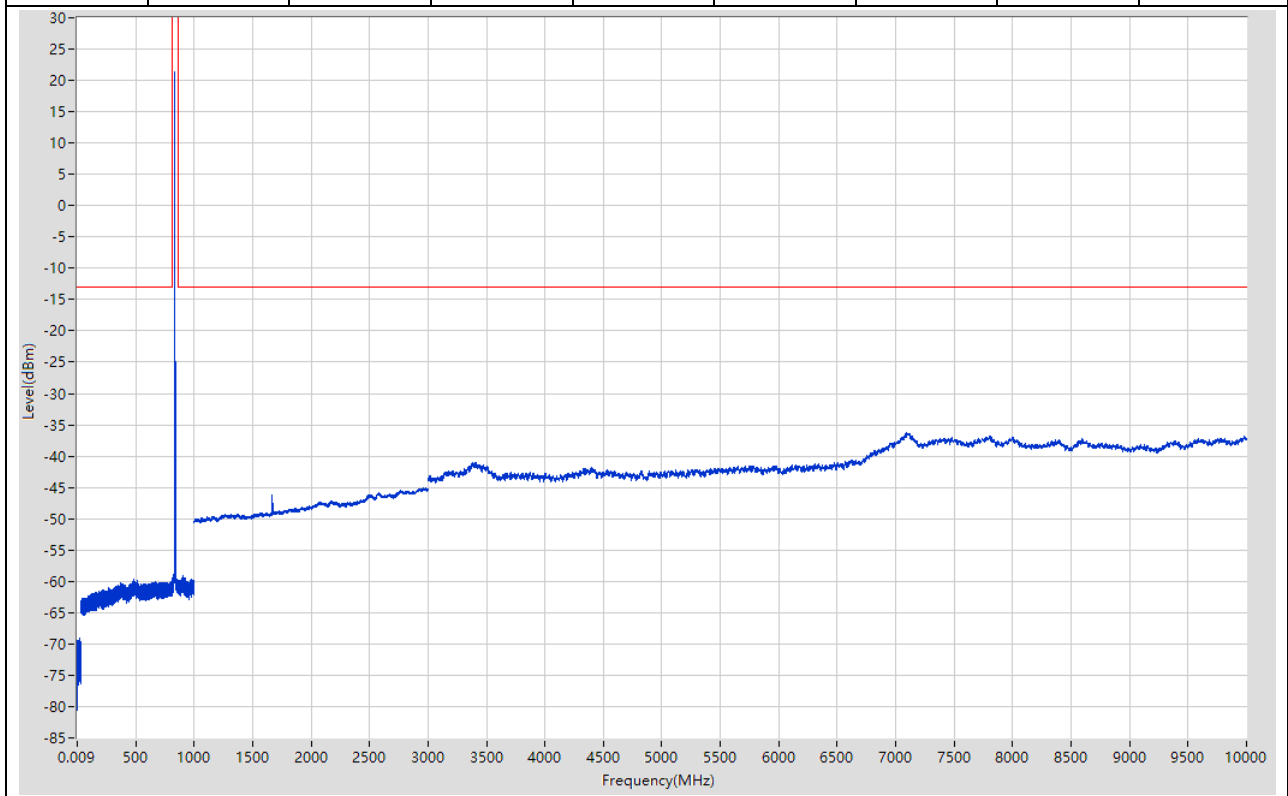
## 7.8. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -70.38      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.23      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 734             | -59.87      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.2           | 20.24       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 902.7           | -59.45      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1648            | -41.11      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7102            | -36.03      | -13         | Pass    | 7001        |



### 7.9. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

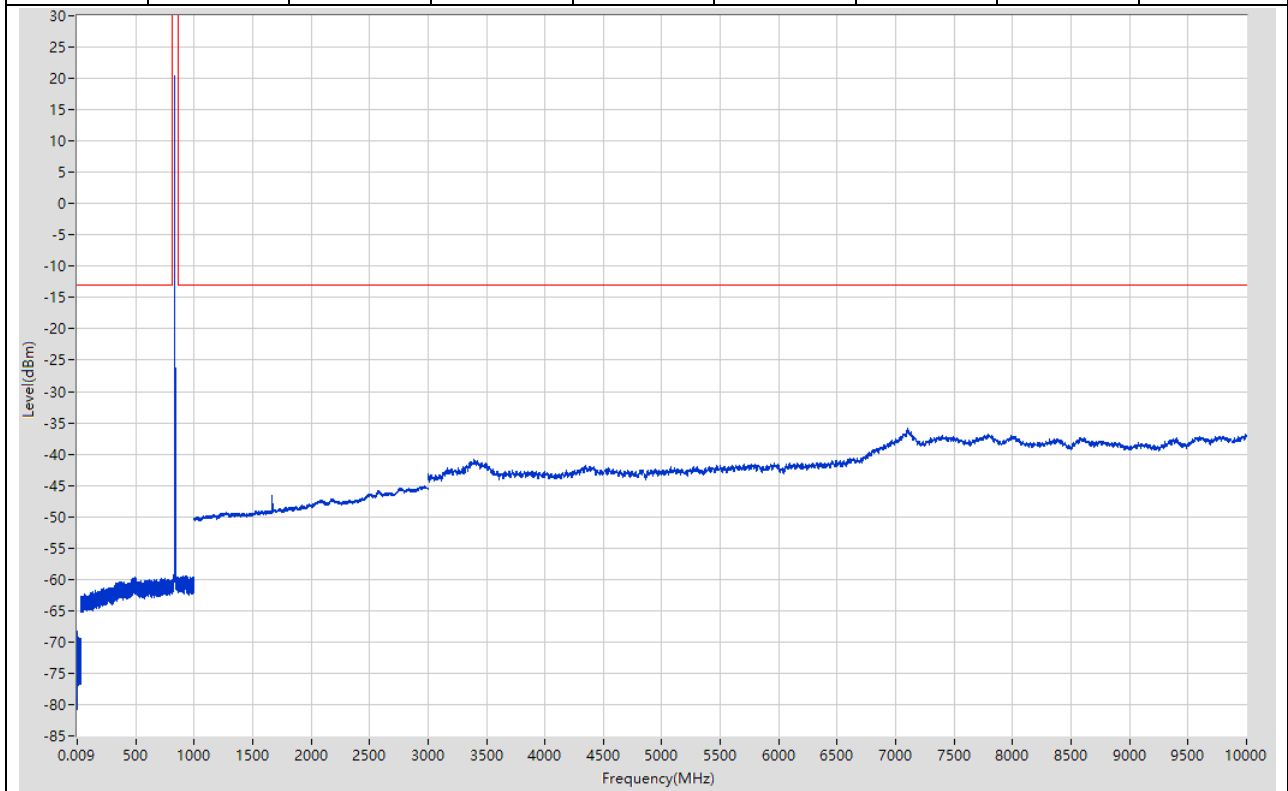
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -70.2       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 16.18           | -69.1       | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 809.1           | -59.37      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 835.2           | 21.41       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 905.8           | -59.17      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2961            | -45.06      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7088            | -36.31      | -13         | Pass    | 7001        |



## 7.10. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

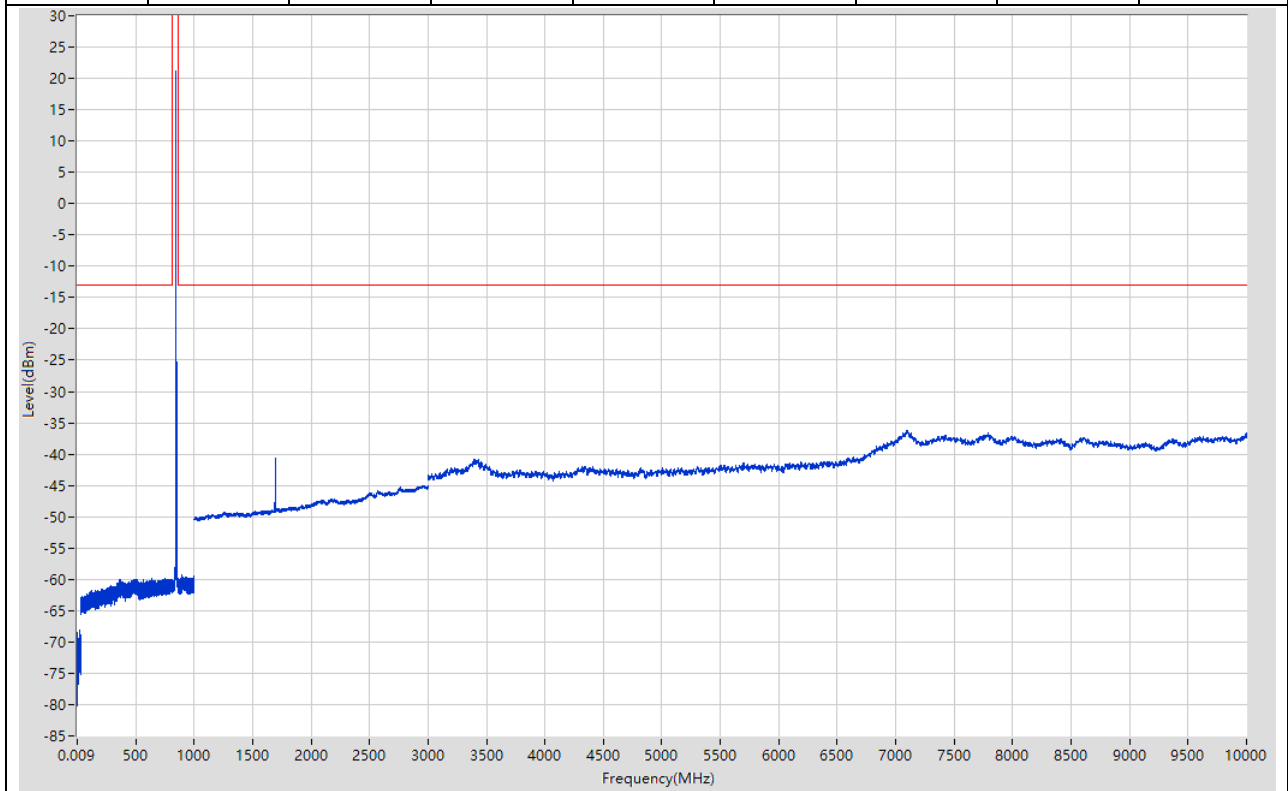
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -71.41      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.23            | -68.3       | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 489.7           | -59.67      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 835.2           | 20.34       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 903.9           | -59.42      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2975            | -45.15      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7099            | -35.92      | -13         | Pass    | 7001        |



### 7.11. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

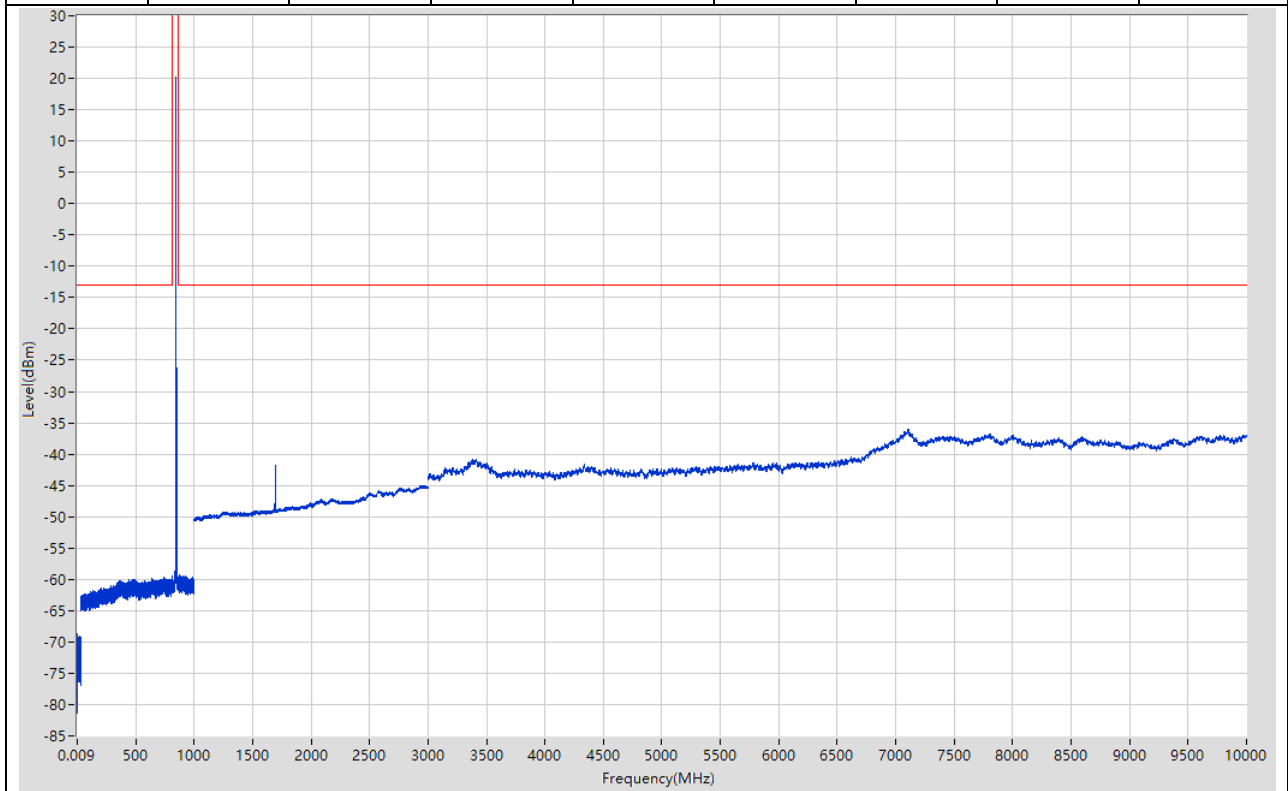
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.036           | -72.31      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 22.81           | -68.06      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 745.9           | -59.91      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 846.2           | 21.11       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 889.2           | -59.26      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1692            | -40.7       | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7097            | -36.2       | -13         | Pass    | 7001        |



## 7.12. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

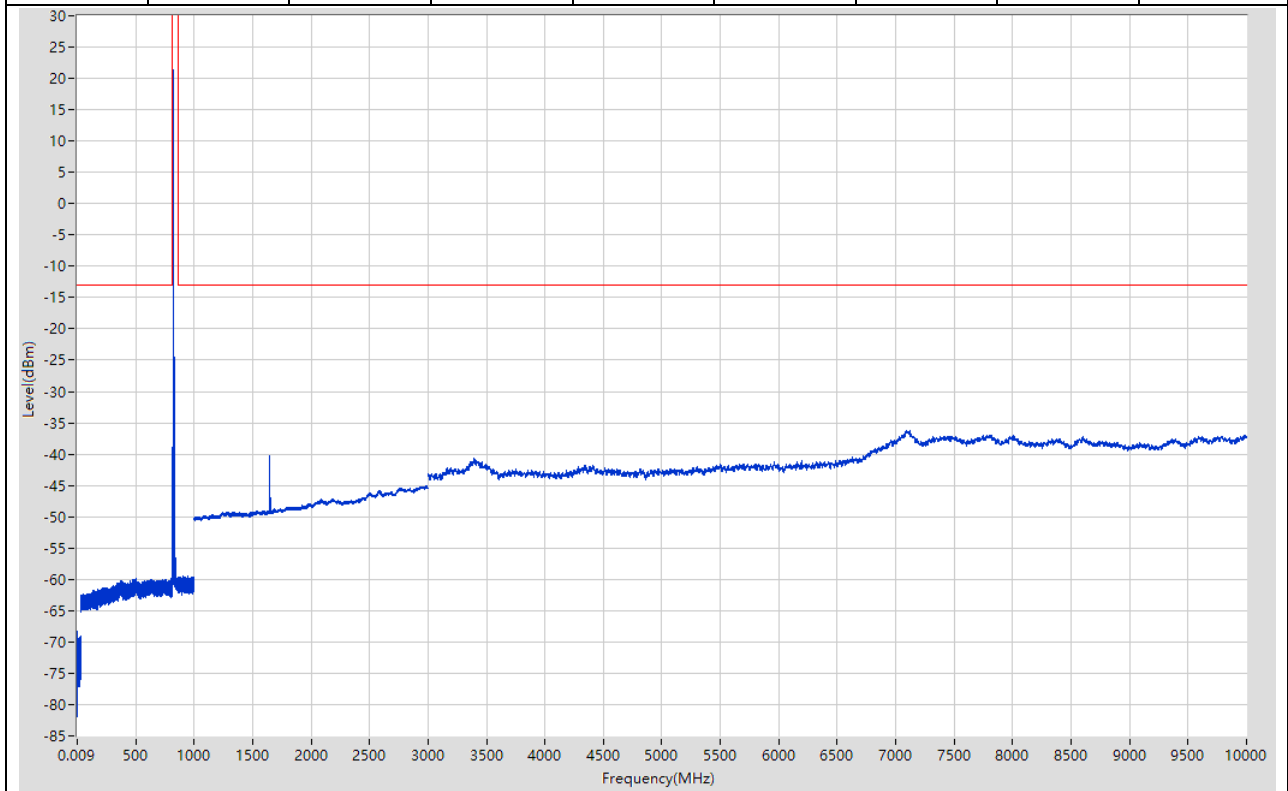
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.3       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.32            | -68.66      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 807.7           | -59.47      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 846.2           | 20.14       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 875.9           | -59.35      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1692            | -41.76      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7104            | -36.07      | -13         | Pass    | 7001        |



### 7.13. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

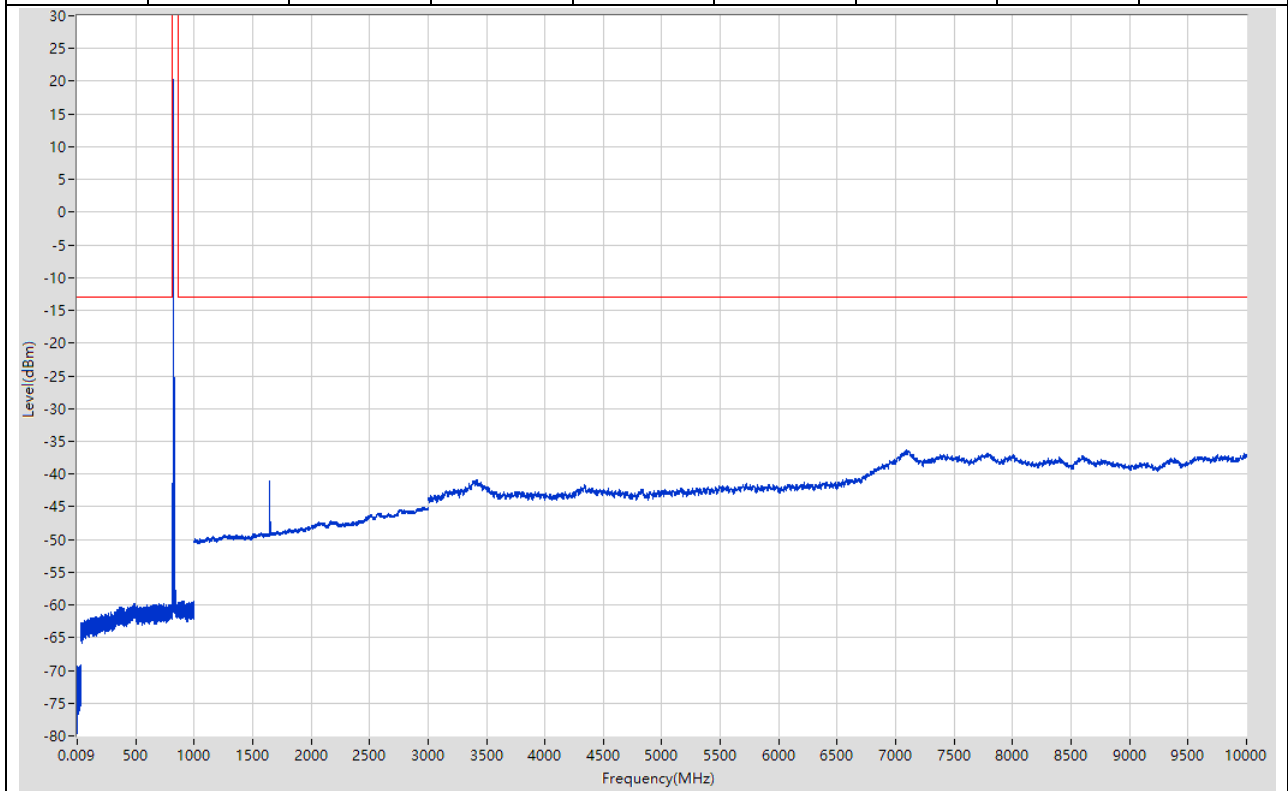
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -70.98      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -68.31      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 498.7           | -59.81      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.3           | 21.42       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 907.3           | -59.41      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1648            | -40.26      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7121            | -36.19      | -13         | Pass    | 7001        |



#### 7.14. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

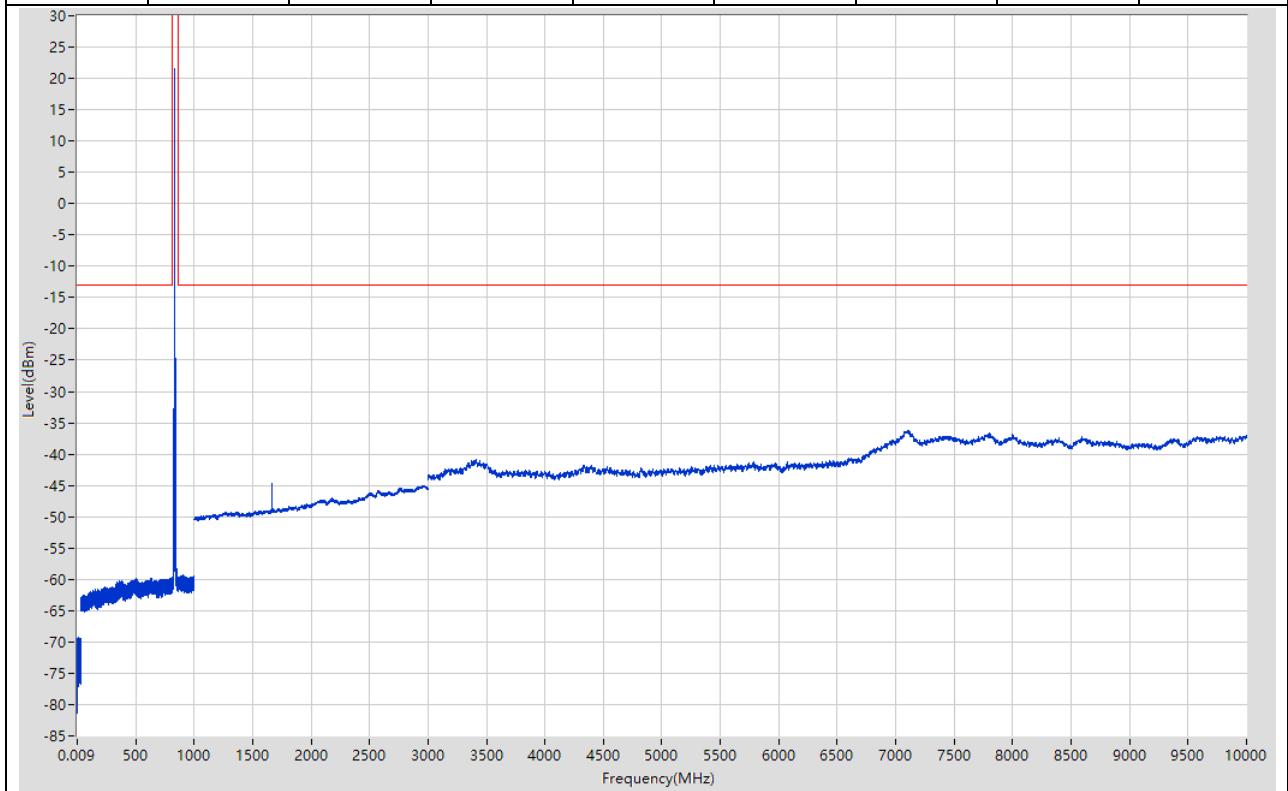
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.88      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 28.16           | -69.15      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 812.4           | -59.7       | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.3           | 20.33       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 903.9           | -59.43      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1648            | -41.14      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7091            | -36.31      | -13         | Pass    | 7001        |



### 7.15. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

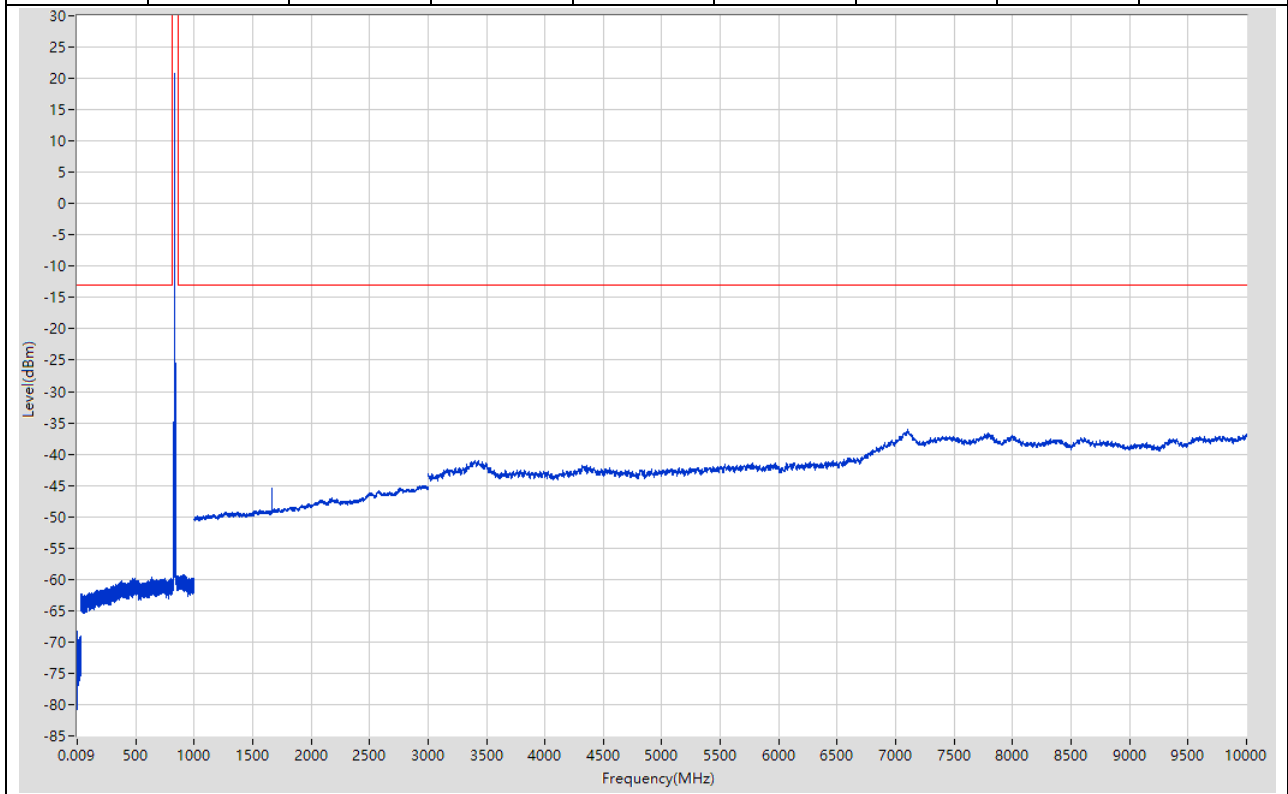
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.039           | -72.4       | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 13.56           | -69.26      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 813.7           | -59.68      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 834.3           | 21.62       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 905.7           | -59.36      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1668            | -44.64      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7112            | -36.18      | -13         | Pass    | 7001        |



## 7.16. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

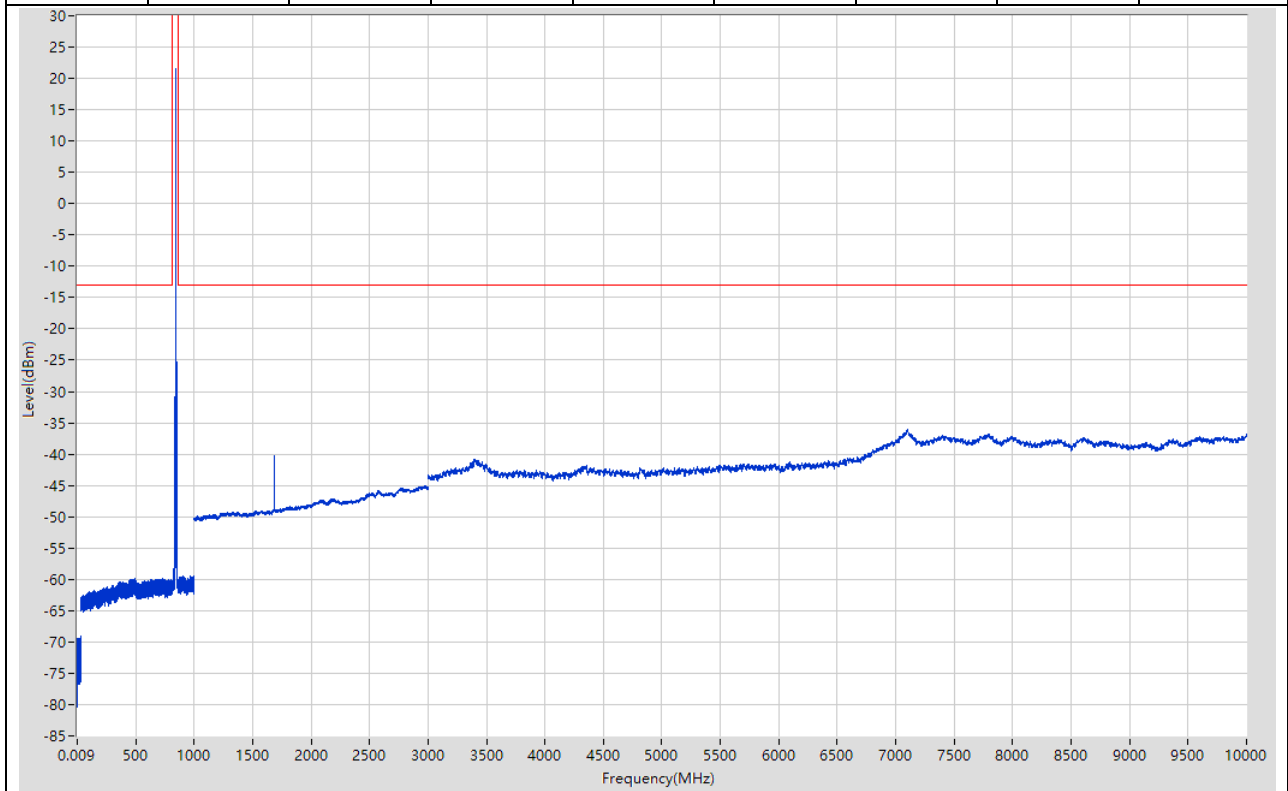
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.042           | -71.66      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.27            | -68.21      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 638.3           | -59.67      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 834.3           | 20.69       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 899.7           | -59.27      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2962            | -45.08      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7100            | -36.03      | -13         | Pass    | 7001        |



### 7.17. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

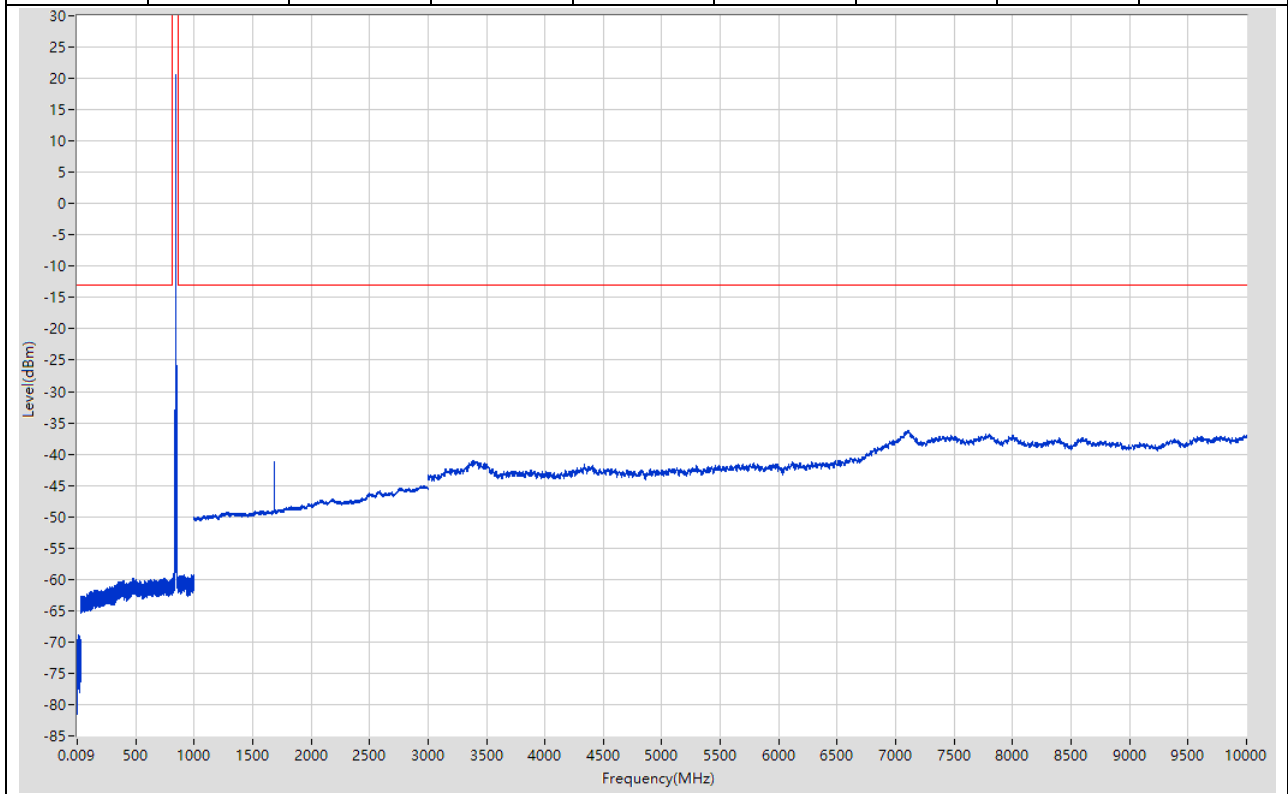
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -71.97      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.26           | -69.14      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 492.7           | -59.9       | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 844.3           | 21.6        | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 961.2           | -59.45      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1688            | -40.33      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7103            | -36.11      | -13         | Pass    | 7001        |



### 7.18. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

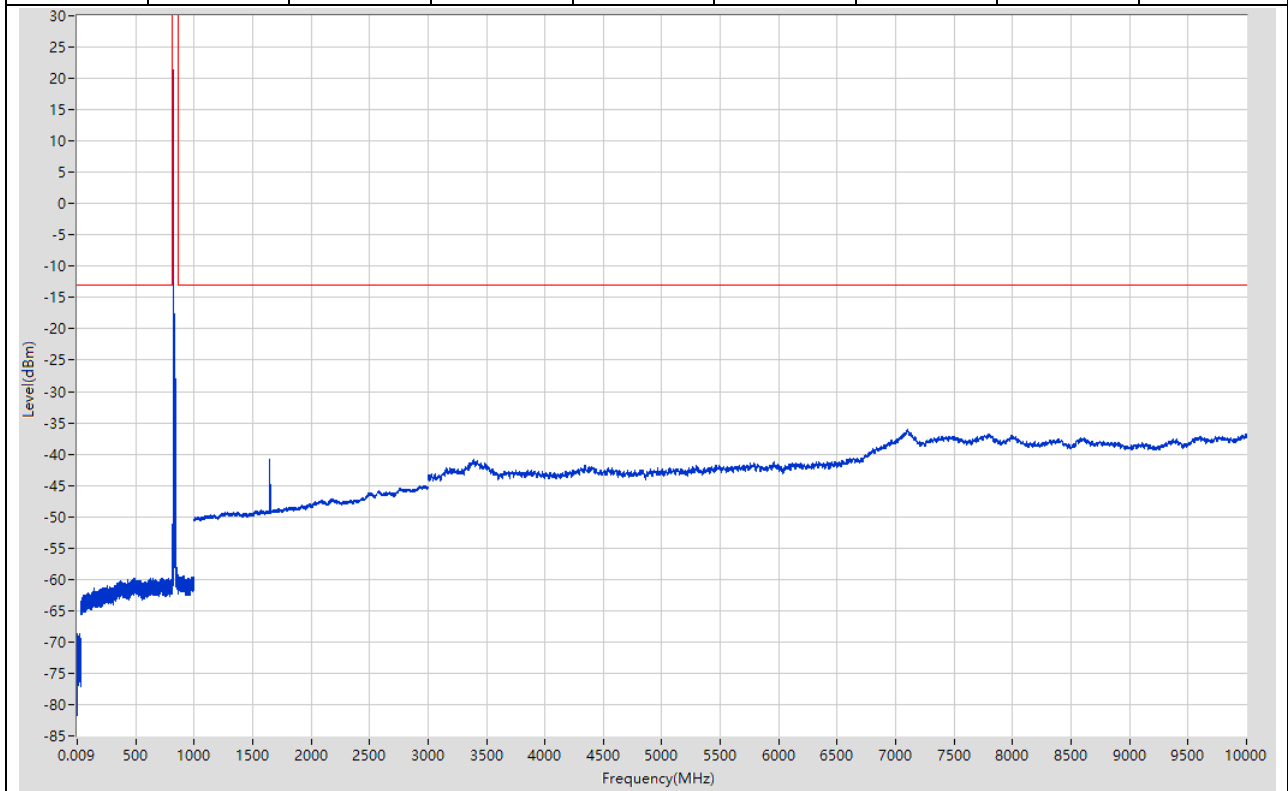
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -71.06      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 8.19            | -68.85      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 742.6           | -59.81      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 844.3           | 20.69       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 994.7           | -59.22      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1688            | -41.22      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7100            | -36.28      | -13         | Pass    | 7001        |



### 7.19. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

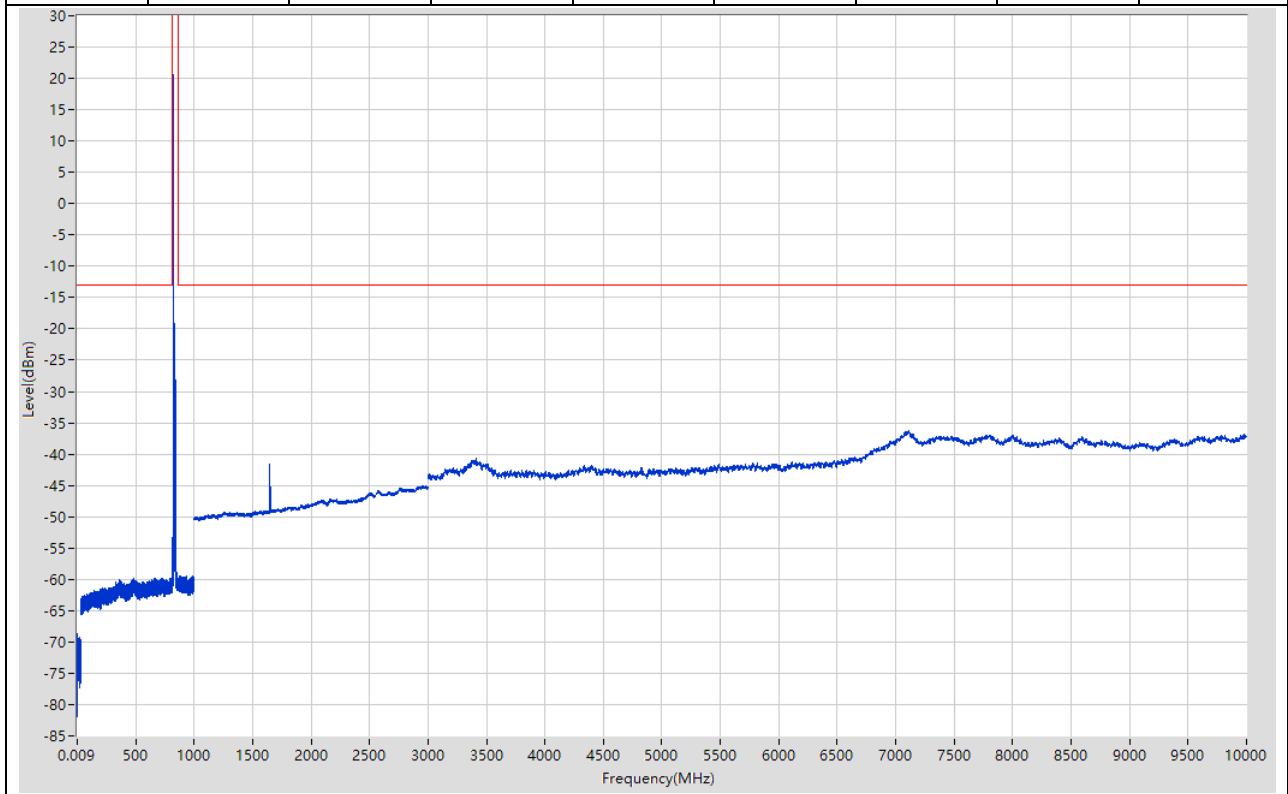
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -70.98      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 20.79           | -68.69      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 813.9           | -59.68      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.6           | 21.41       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 914             | -59.42      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -40.93      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7102            | -35.99      | -13         | Pass    | 7001        |



## 7.20. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

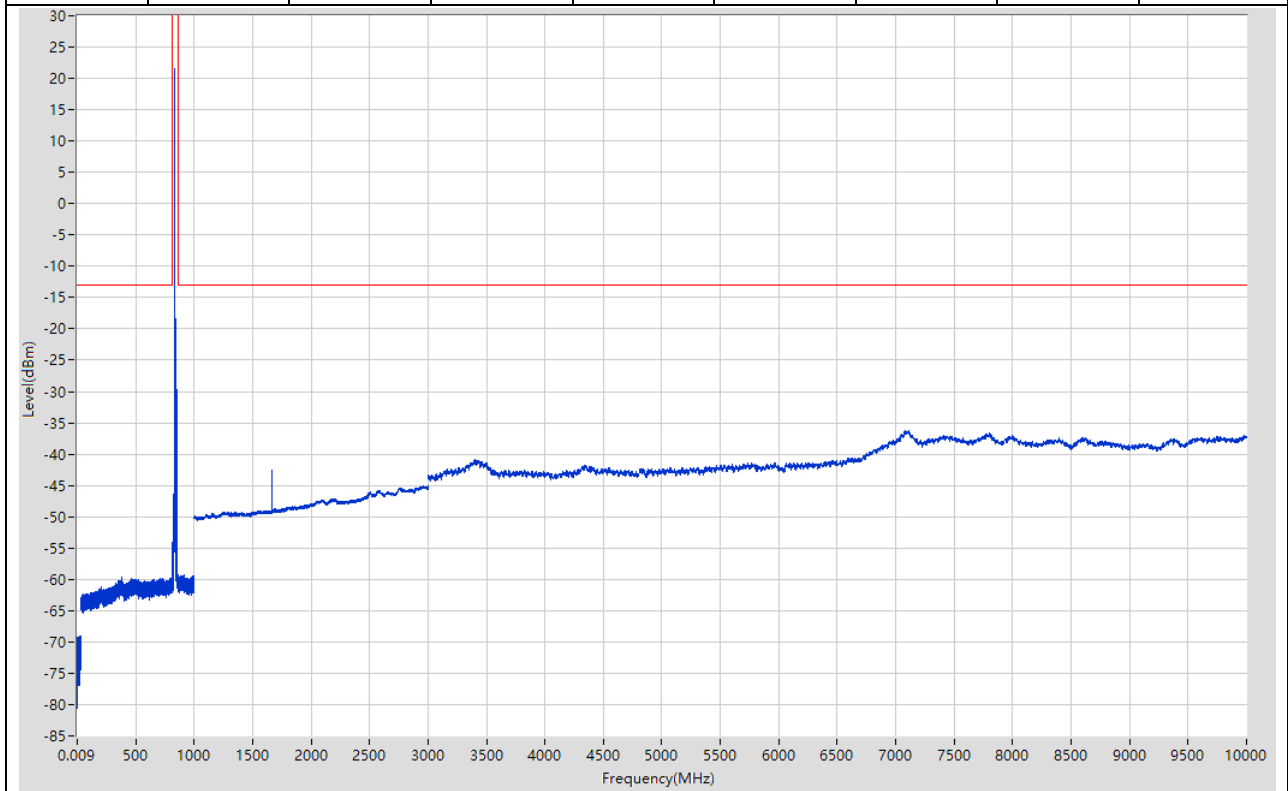
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -70.57      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.21            | -68.77      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 813.9           | -59.45      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 824.6           | 20.65       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 885             | -59.39      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -41.66      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7110            | -36.31      | -13         | Pass    | 7001        |



## 7.21. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

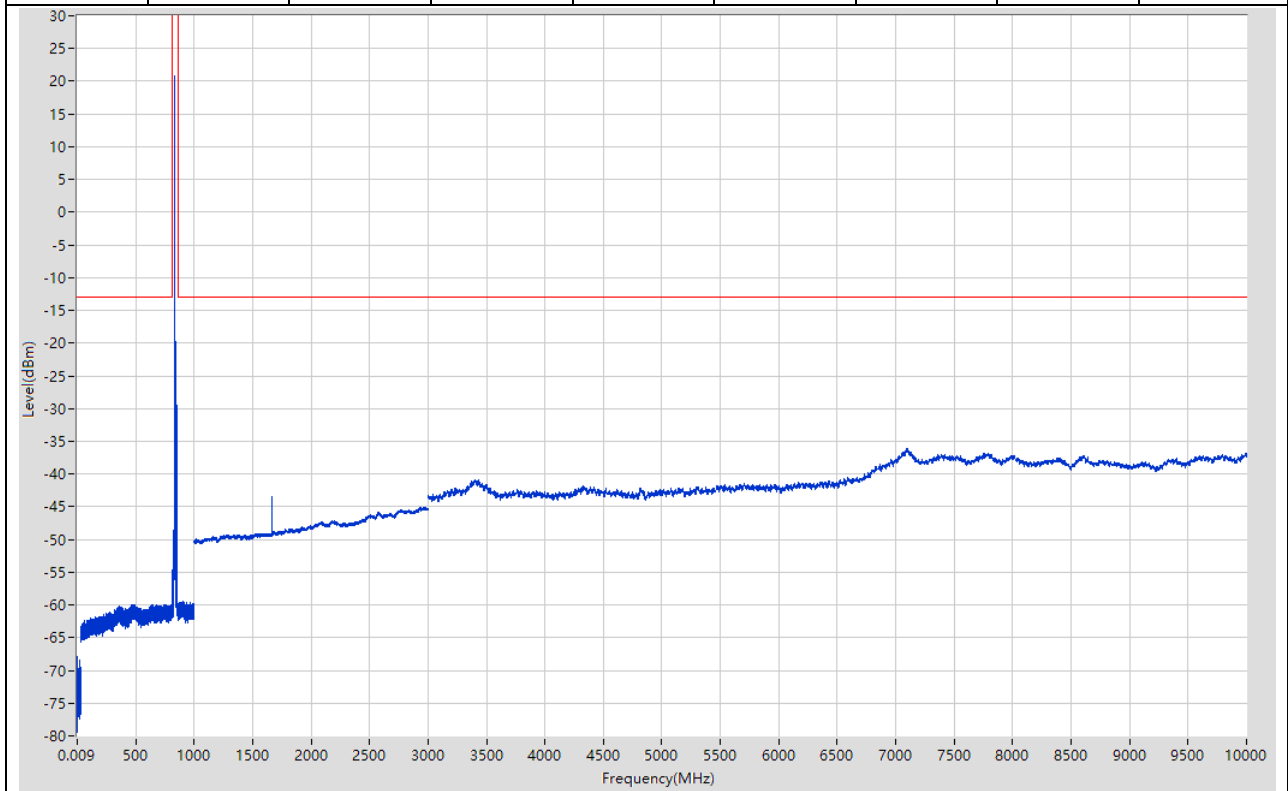
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -71.14      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.82           | -68.99      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 377.1           | -59.72      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 832.1           | 21.59       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 909.9           | -59.31      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1664            | -42.6       | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7108            | -36.31      | -13         | Pass    | 7001        |



## 7.22. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

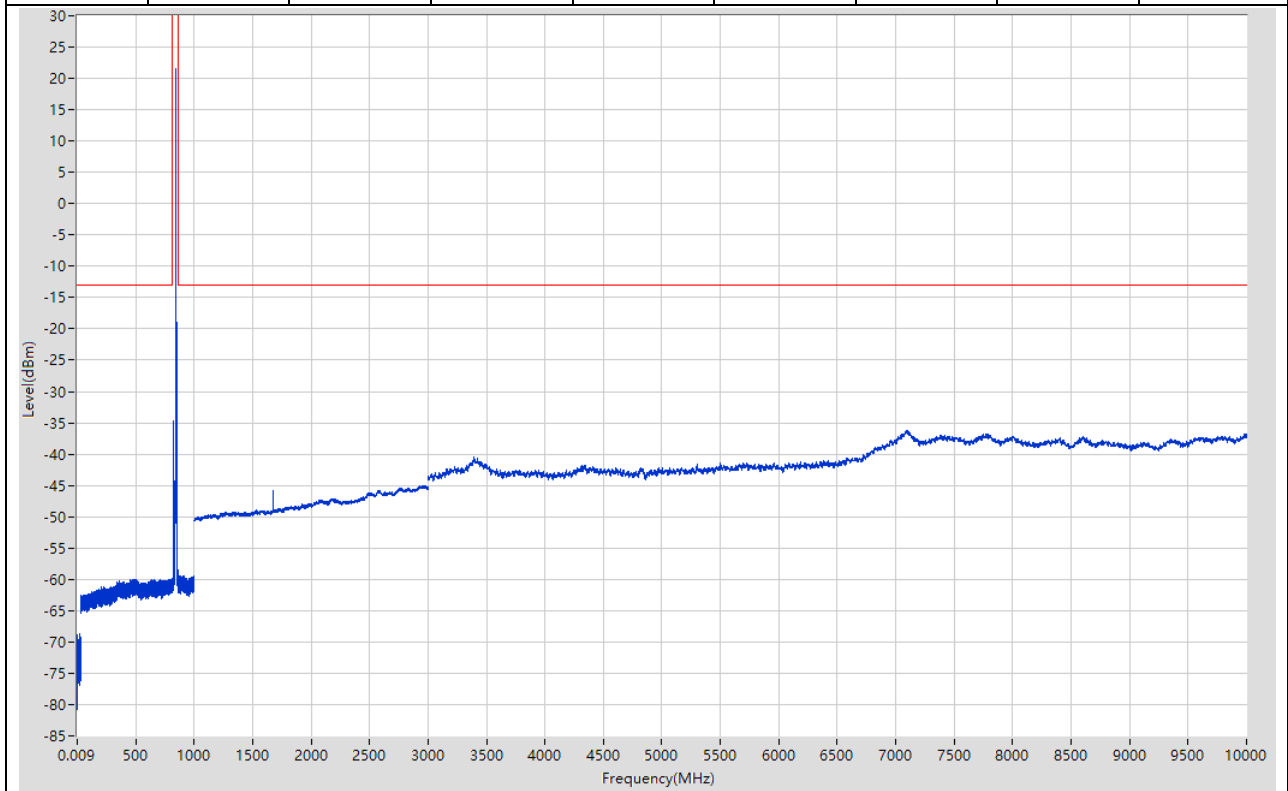
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -70.52      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -67.83      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 812.3           | -59.73      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 832.1           | 20.85       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 905.6           | -59.5       | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 1664            | -43.38      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7095            | -36.05      | -13         | Pass    | 7001        |



### 7.23. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

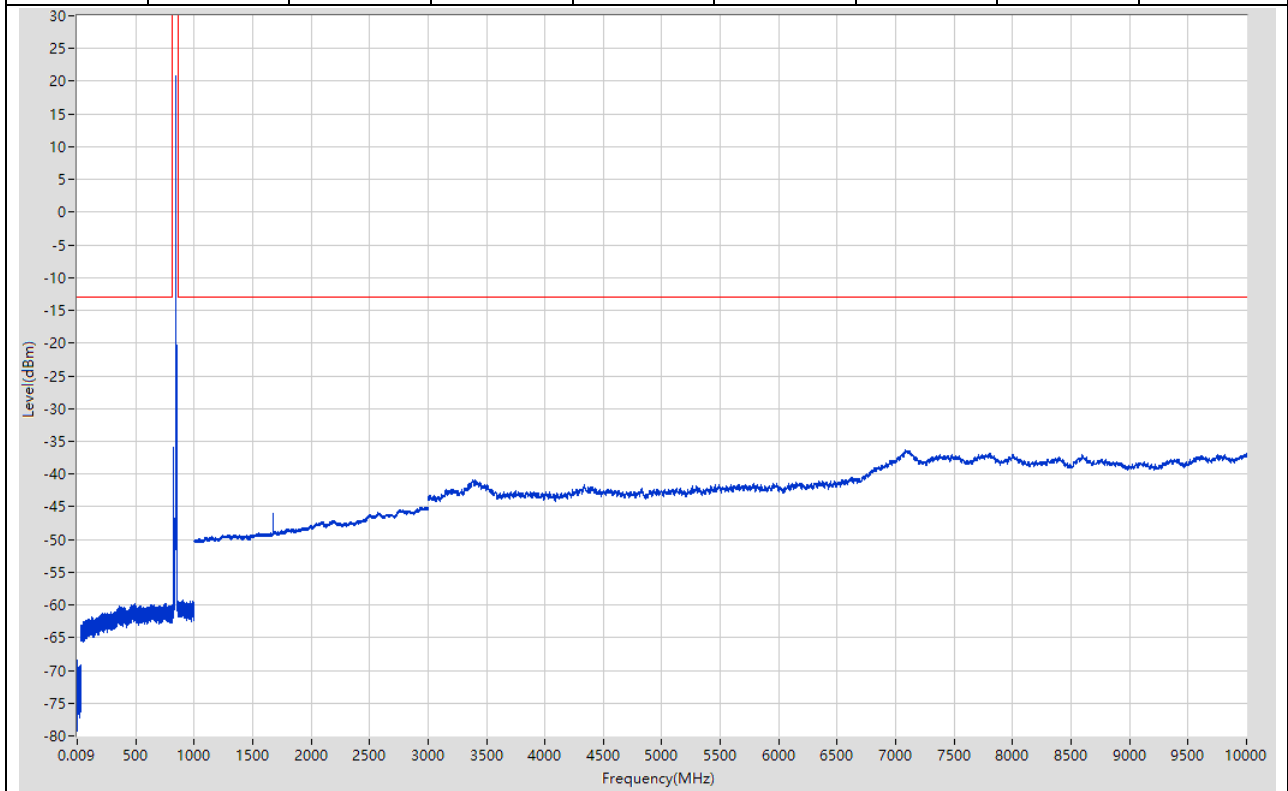
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -71.31      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 17.17           | -68.76      | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 812.3           | -59.87      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 839.6           | 21.59       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 883.8           | -59.38      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2953            | -45.09      | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7098            | -36.3       | -13         | Pass    | 7001        |



## 7.24. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

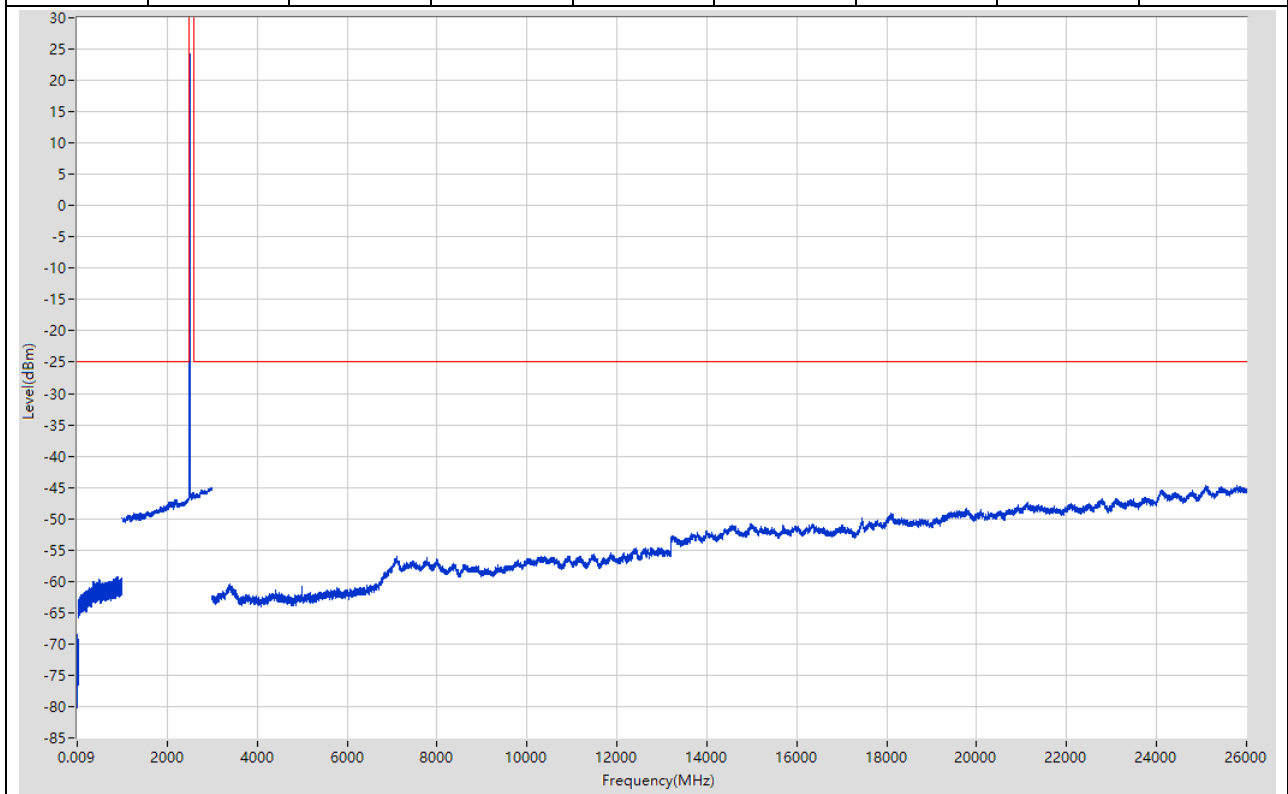
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -69.68      | -13         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -68.4       | -13         | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 753.9           | -59.73      | -13         | Pass    | 7841        |
| 814                   | 860                  | 0.1       | RMS      | 839.6           | 20.85       | 60          | Pass    | 461         |
| 860                   | 1000                 | 0.1       | RMS      | 909.2           | -59.18      | -13         | Pass    | 1401        |
| 1000                  | 3000                 | 1         | RMS      | 2931            | -45.1       | -13         | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7083            | -36.38      | -13         | Pass    | 7001        |



## 8. LTE\_Band7

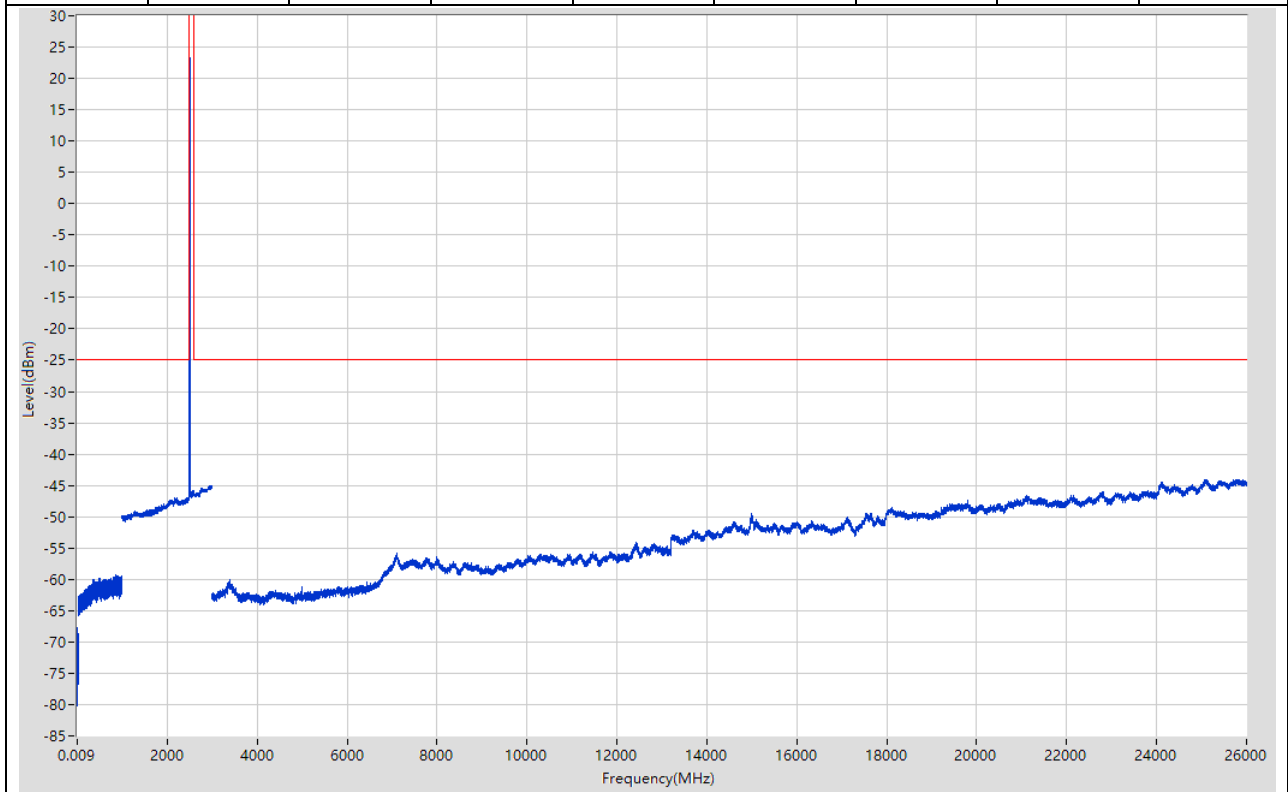
### 8.1. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.065           | -70.88      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.37            | -68.5       | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 902.936         | -59.28      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -45.06      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2500.125        | 24.24       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2957            | -45.07      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11860           | -55.4       | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25099           | -44.76      | -25         | Pass    | 14002       |



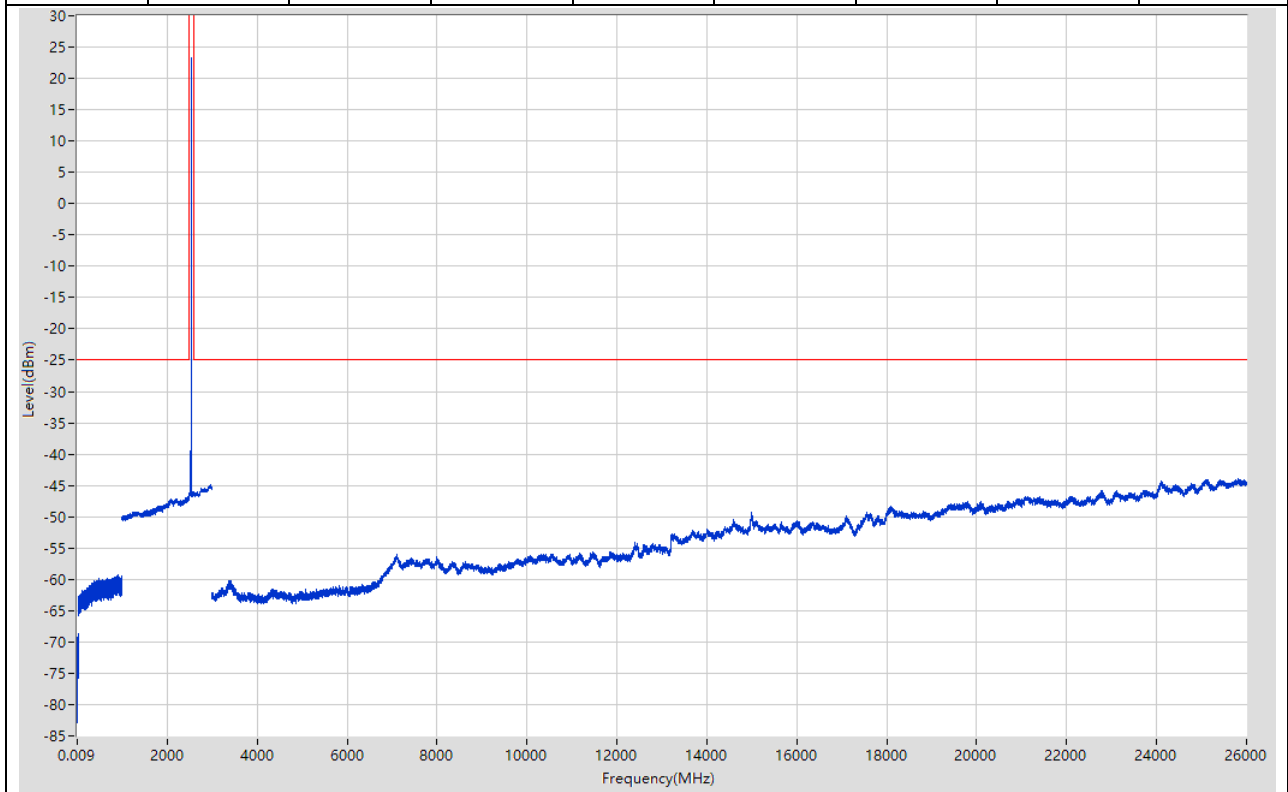
## 8.2. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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      | 0.106           | -71.64      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.66      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 862.209         | -59.36      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -45.3       | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2500.125        | 23.34       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2964            | -45.05      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11844           | -55.54      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25122           | -44.06      | -25         | Pass    | 14002       |



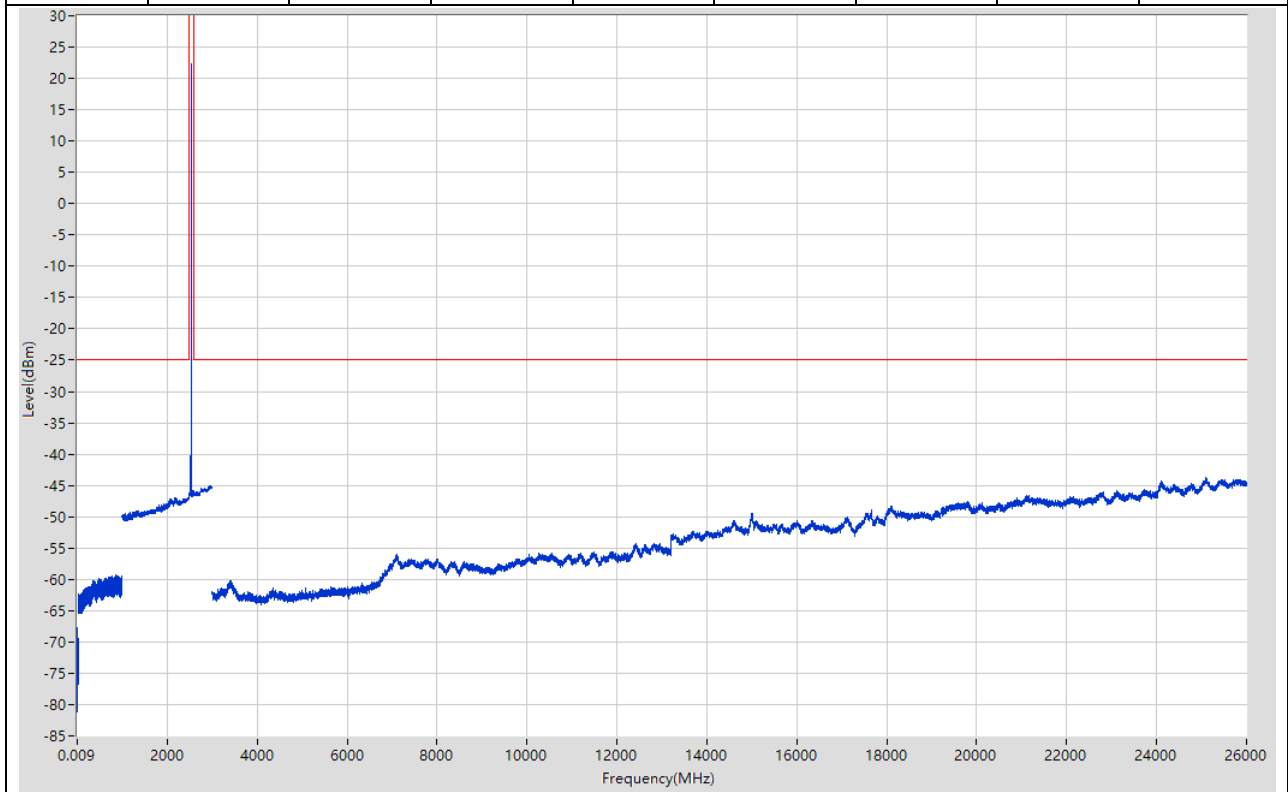
### 8.3. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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           | -71.33      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 16.45           | -68.7       | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 911.041         | -59.34      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2489            | -46.31      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2532.75         | 23.21       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2962            | -44.95      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11842           | -55.55      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25814           | -43.92      | -25         | Pass    | 14002       |



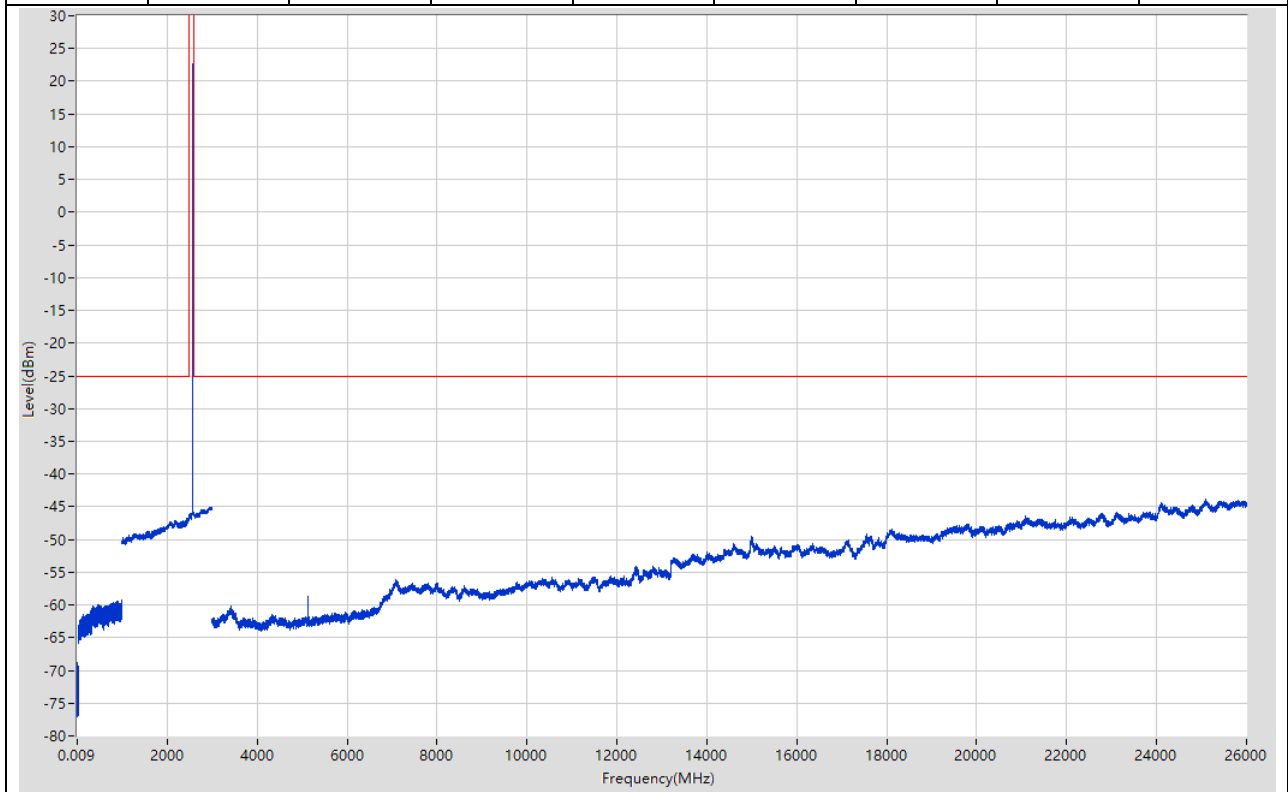
#### 8.4. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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      | 0.072           | -70.76      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.81      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 861.008         | -59.34      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2483            | -46.47      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2532.75         | 22.34       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2955            | -45.03      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11916           | -55.63      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25097           | -43.81      | -25         | Pass    | 14002       |



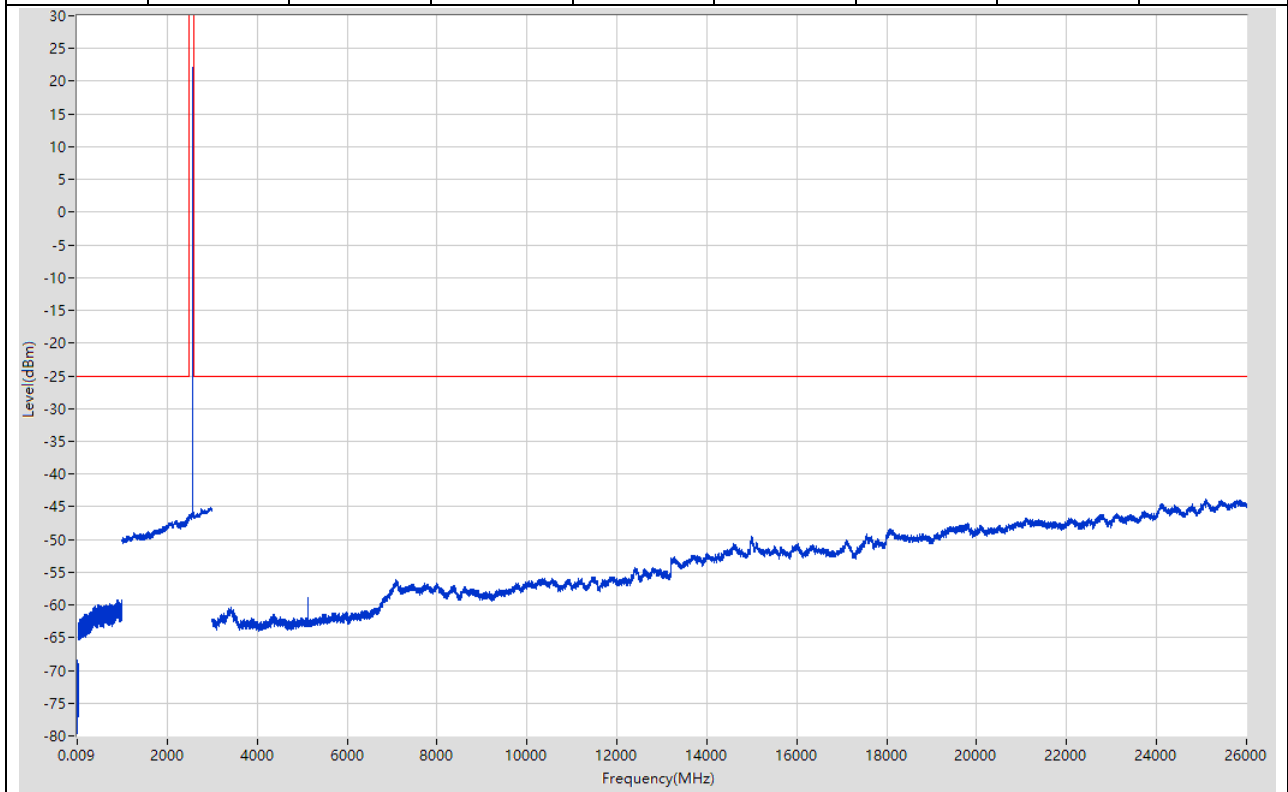
### 8.5. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| 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      | 0.072           | -70.45      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.88      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 995.197         | -59.25      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2477            | -46.4       | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2565.15         | 22.7        | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2983            | -45.09      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11855           | -55.64      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25091           | -43.86      | -25         | Pass    | 14002       |



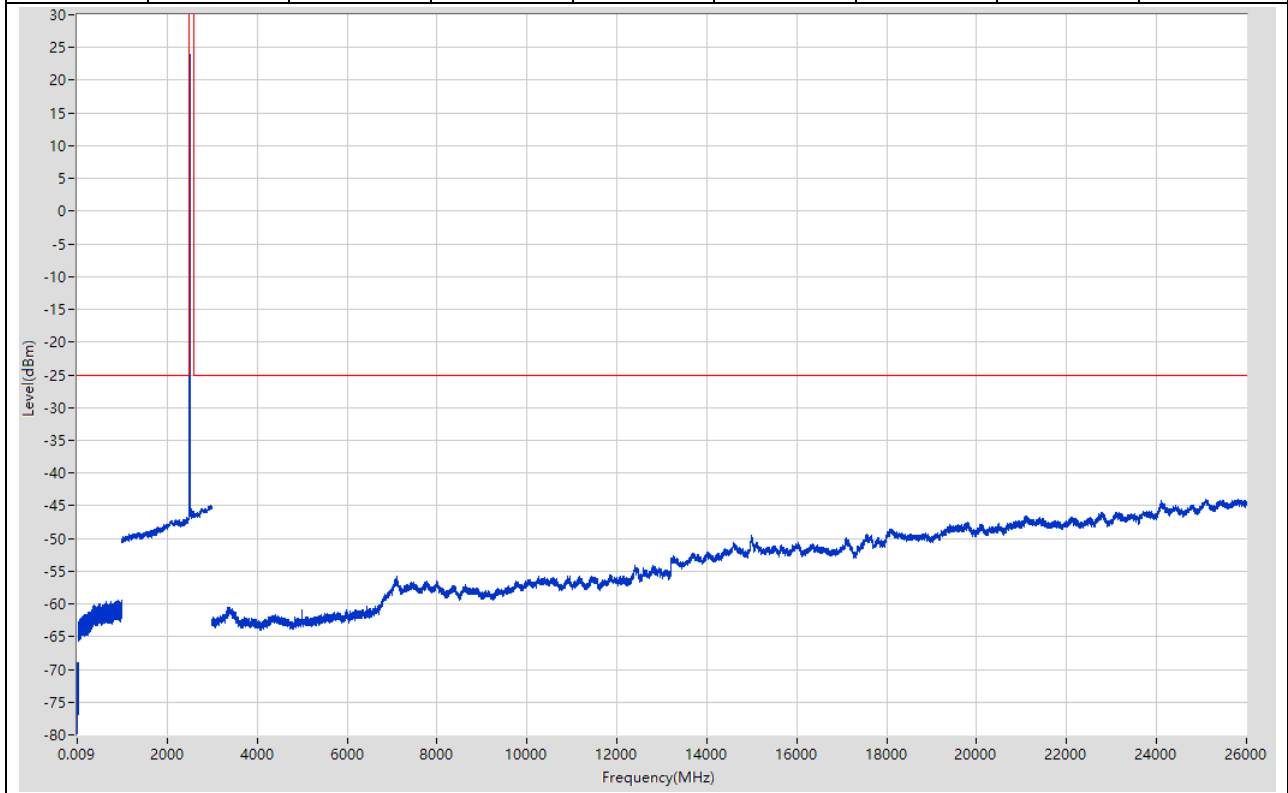
## 8.6. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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      | 0.011           | -70.2       | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.5       | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 997.098         | -59.18      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -46.28      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2565.15         | 22.14       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2964            | -45.05      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11861           | -55.7       | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25102           | -43.89      | -25         | Pass    | 14002       |



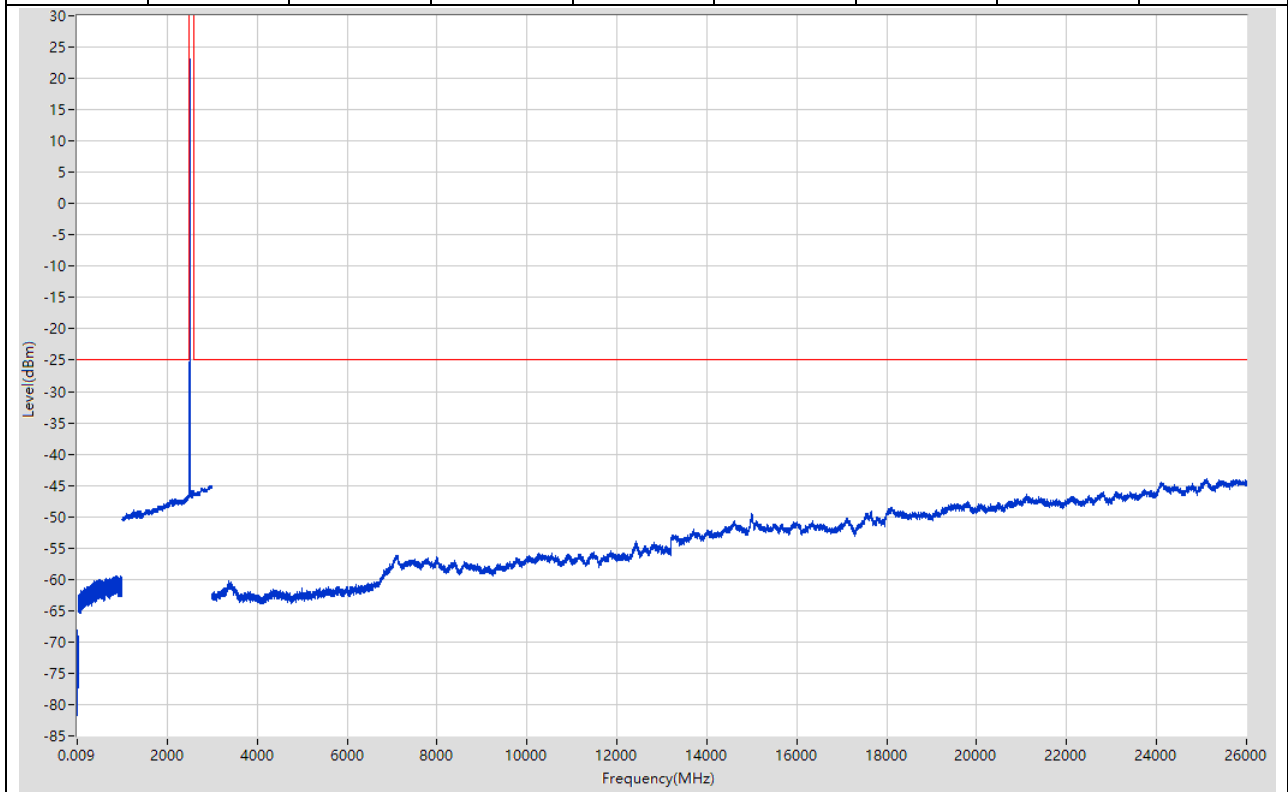
**8.7. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)**

| 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           | -71.71      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.04           | -68.89      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 902.035         | -59.48      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2483            | -43.11      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2500.575        | 23.88       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2956            | -44.99      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11854           | -55.62      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25090           | -43.97      | -25         | Pass    | 14002       |



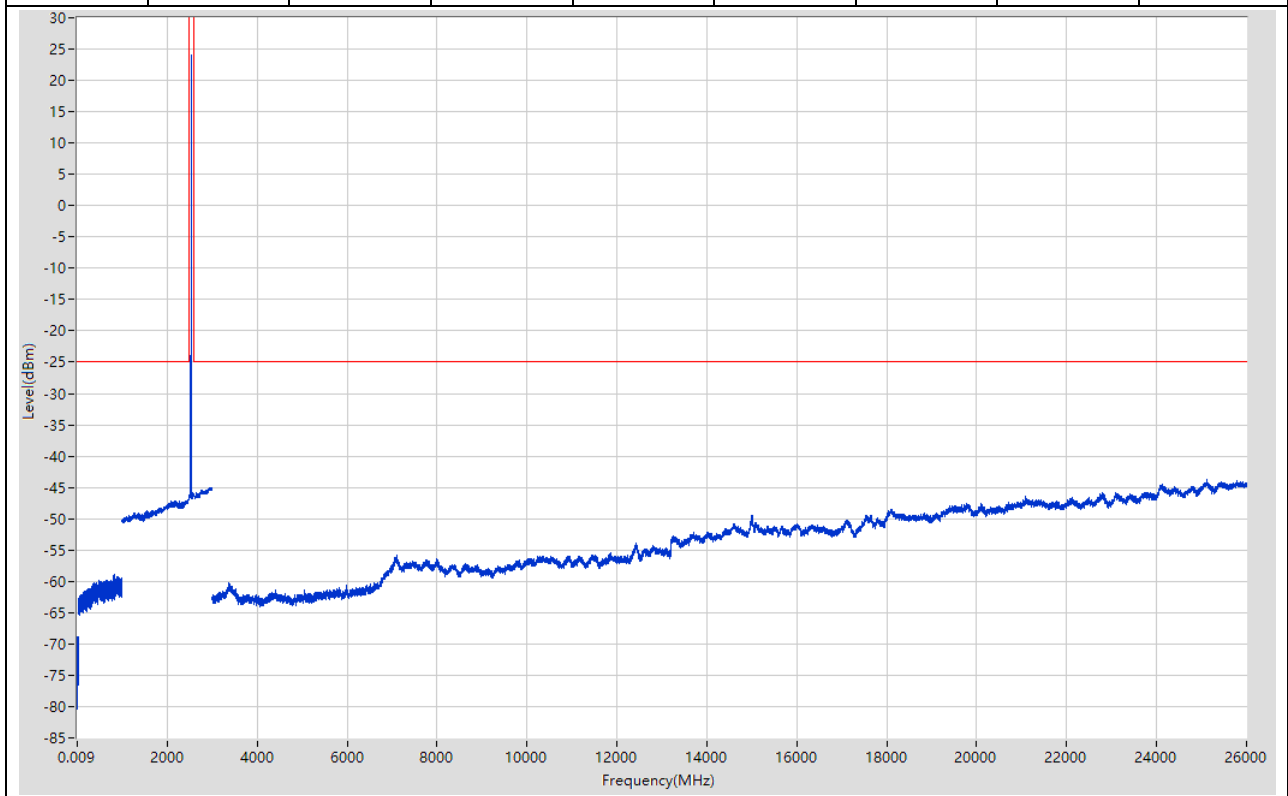
## 8.8. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| 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      | 0.047           | -71.89      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -68.1       | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 873.316         | -59.38      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2483            | -43.85      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2500.575        | 23.11       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2956            | -44.99      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11868           | -55.51      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25106           | -44.01      | -25         | Pass    | 14002       |



### 8.9. LTE Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

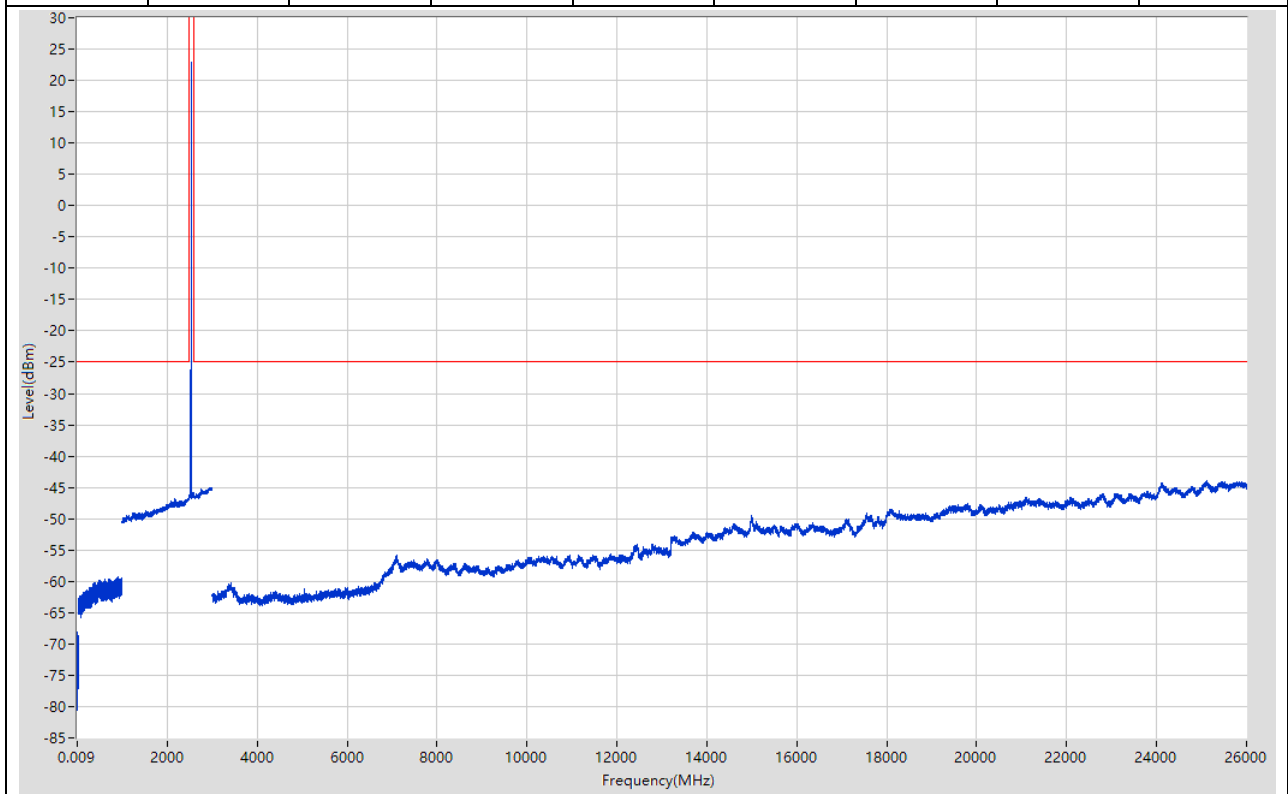
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -70.38      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.42            | -68.86      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 827.3           | -58.88      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2479            | -46.46      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2530.5          | 24          | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2975            | -45.05      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11851           | -55.52      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25108           | -43.77      | -25         | Pass    | 14002       |



## 8.10. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

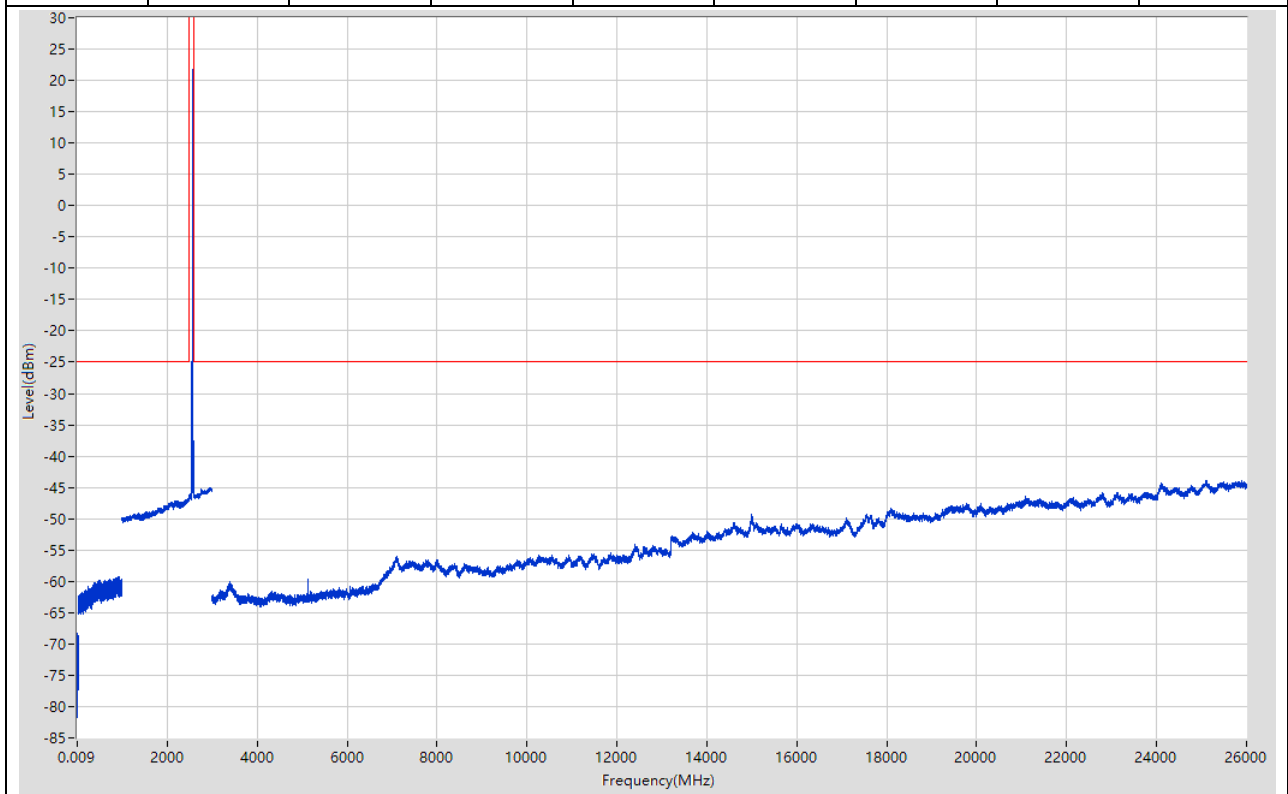
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -71.12      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.42            | -68.18      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 901.635         | -59.36      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2485            | -46.48      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2530.5          | 22.83       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2974            | -45.03      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11852           | -55.63      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25110           | -43.91      | -25         | Pass    | 14002       |



### 8.11. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

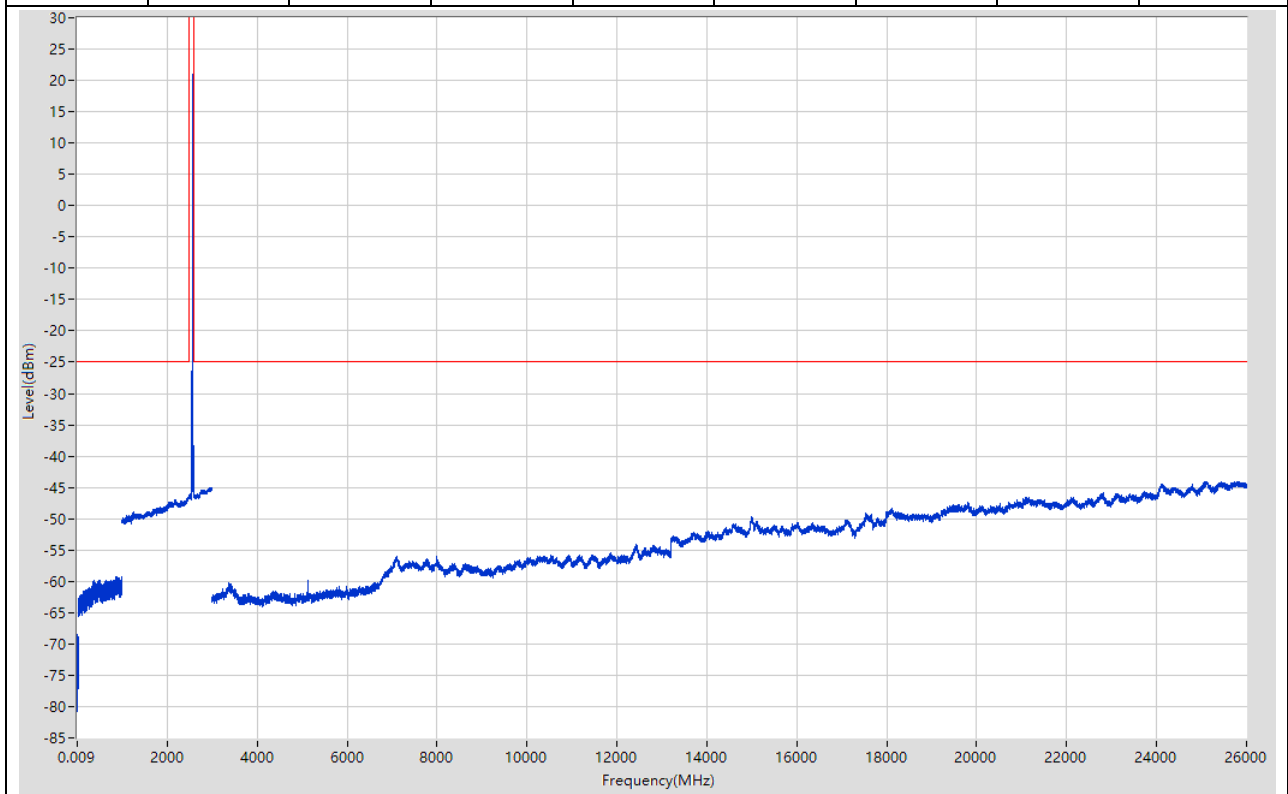
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -70.84      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.62            | -68.39      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 908.439         | -59.27      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2485            | -46.42      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2560.425        | 21.75       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2931            | -45.07      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11867           | -55.51      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25102           | -43.85      | -25         | Pass    | 14002       |



## 8.12. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

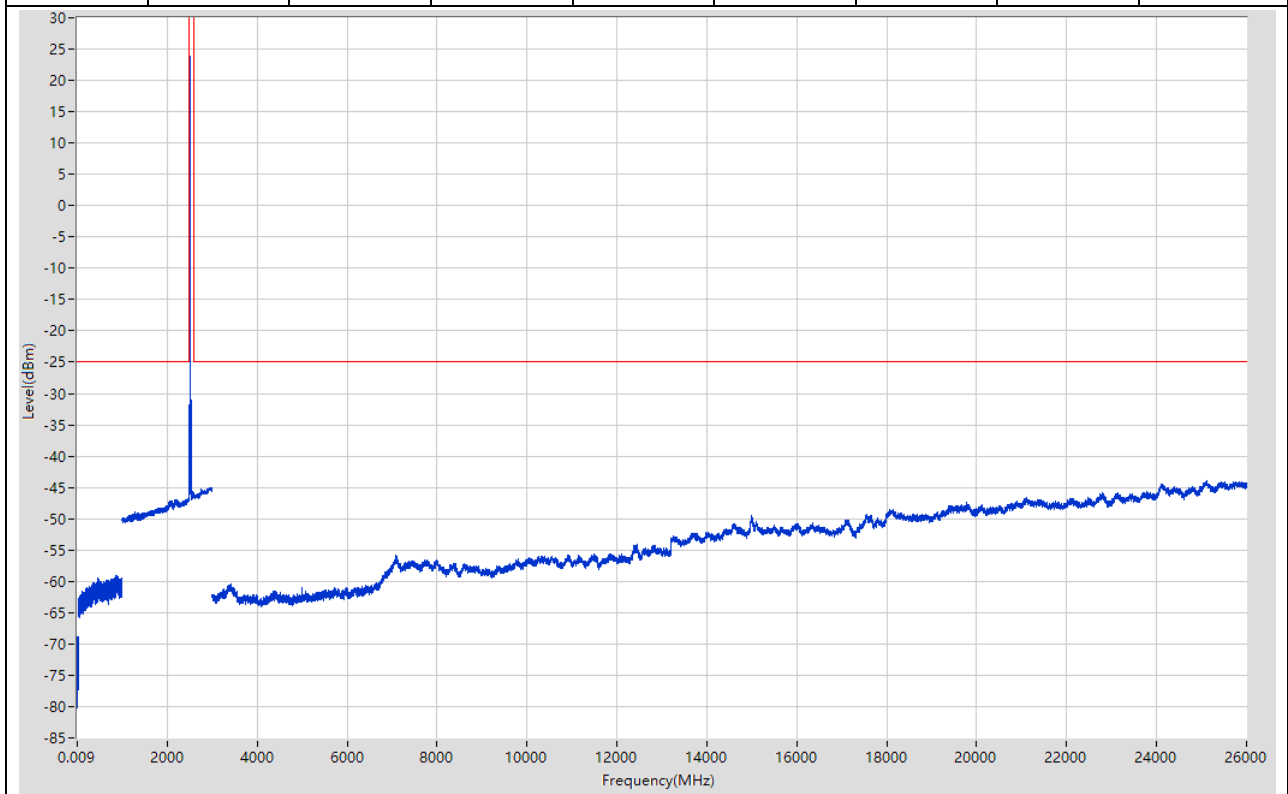
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -71.22      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 4.24            | -68.58      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 855.704         | -59.25      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2486            | -46.49      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2560.425        | 21.04       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2983            | -45.03      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11851           | -55.43      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25120           | -44.02      | -25         | Pass    | 14002       |



### 8.13. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:20825, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

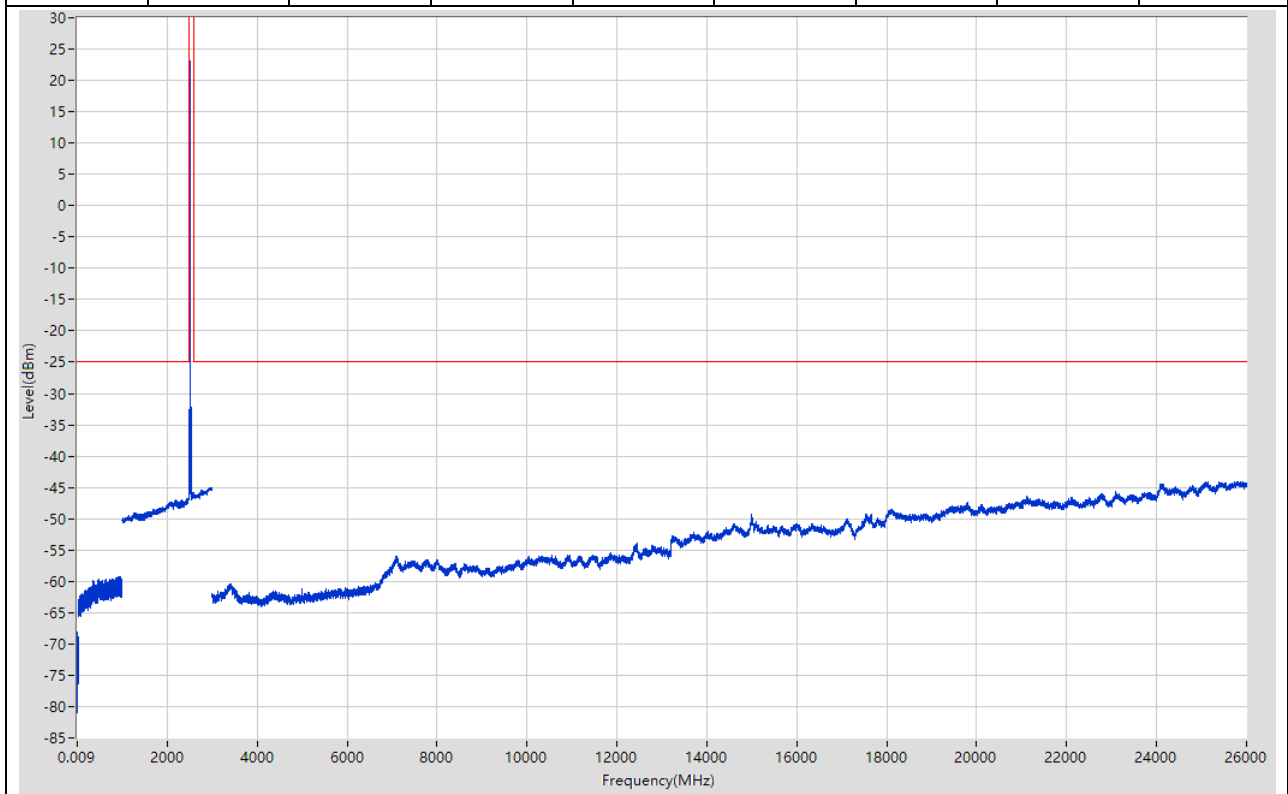
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.012               | -70.92         | -25            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 9.28                | -68.89         | -25            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 859.207             | -59.13         | -25            | Pass    | 9701           |
| 1000                         | 2490                        | 1            | RMS      | 2488                | -31.74         | -25            | Pass    | 1491           |
| 2490                         | 2580                        | 1            | RMS      | 2500.8              | 23.89          | 60             | Pass    | 401            |
| 2580                         | 3000                        | 1            | RMS      | 2978                | -45.06         | -25            | Pass    | 421            |
| 3000                         | 12000                       | 1            | RMS      | 11863               | -55.63         | -25            | Pass    | 9002           |
| 12000                        | 26000                       | 1            | RMS      | 25109               | -43.82         | -25            | Pass    | 14002          |



#### 8.14. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:20825, Bandwidth:15,  
Modulation:Q16, RB Number: 1, RB Position:LOW)

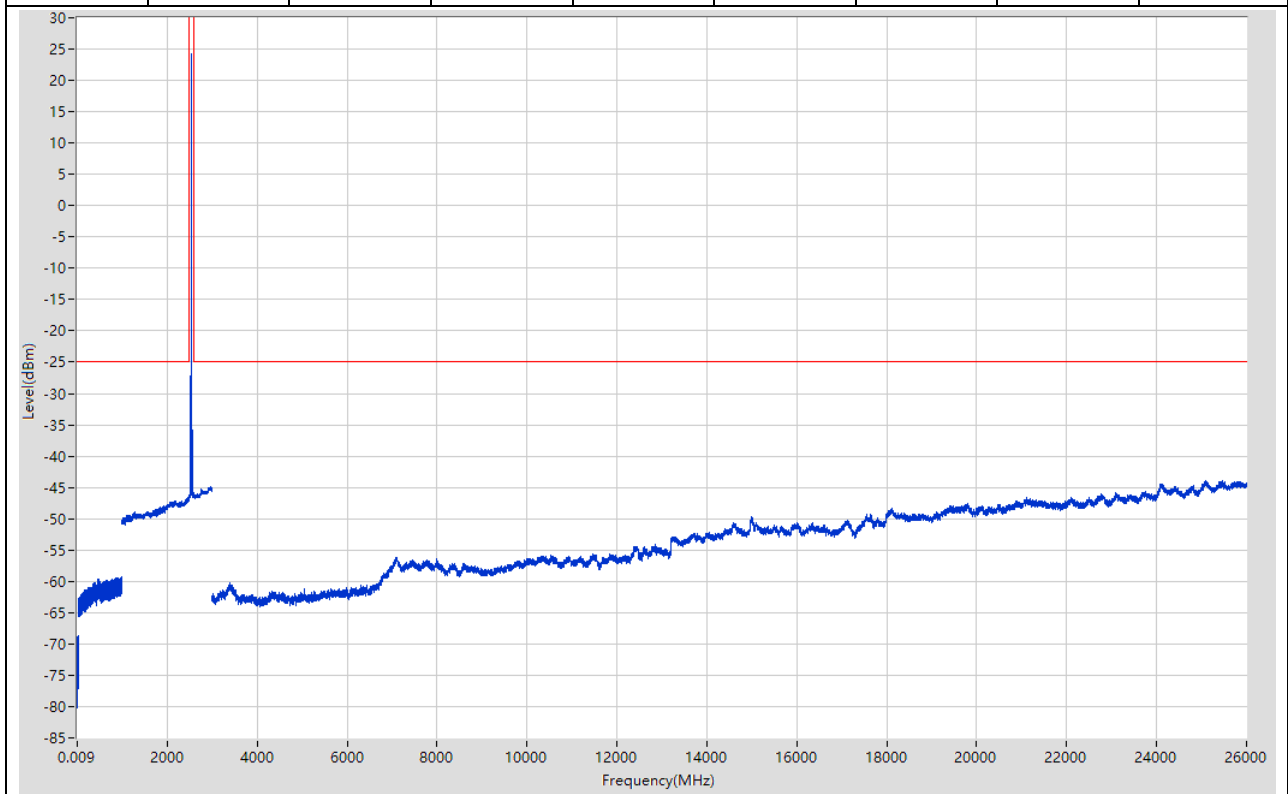
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.011               | -71.65         | -25            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 0.2                 | -68.03         | -25            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 913.743             | -59.28         | -25            | Pass    | 9701           |
| 1000                         | 2490                        | 1            | RMS      | 2488                | -32.49         | -25            | Pass    | 1491           |
| 2490                         | 2580                        | 1            | RMS      | 2500.8              | 23.17          | 60             | Pass    | 401            |
| 2580                         | 3000                        | 1            | RMS      | 2977                | -45.07         | -25            | Pass    | 421            |
| 3000                         | 12000                       | 1            | RMS      | 11852               | -55.45         | -25            | Pass    | 9002           |
| 12000                        | 26000                       | 1            | RMS      | 25804               | -44.09         | -25            | Pass    | 14002          |



### 8.15. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:21100, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

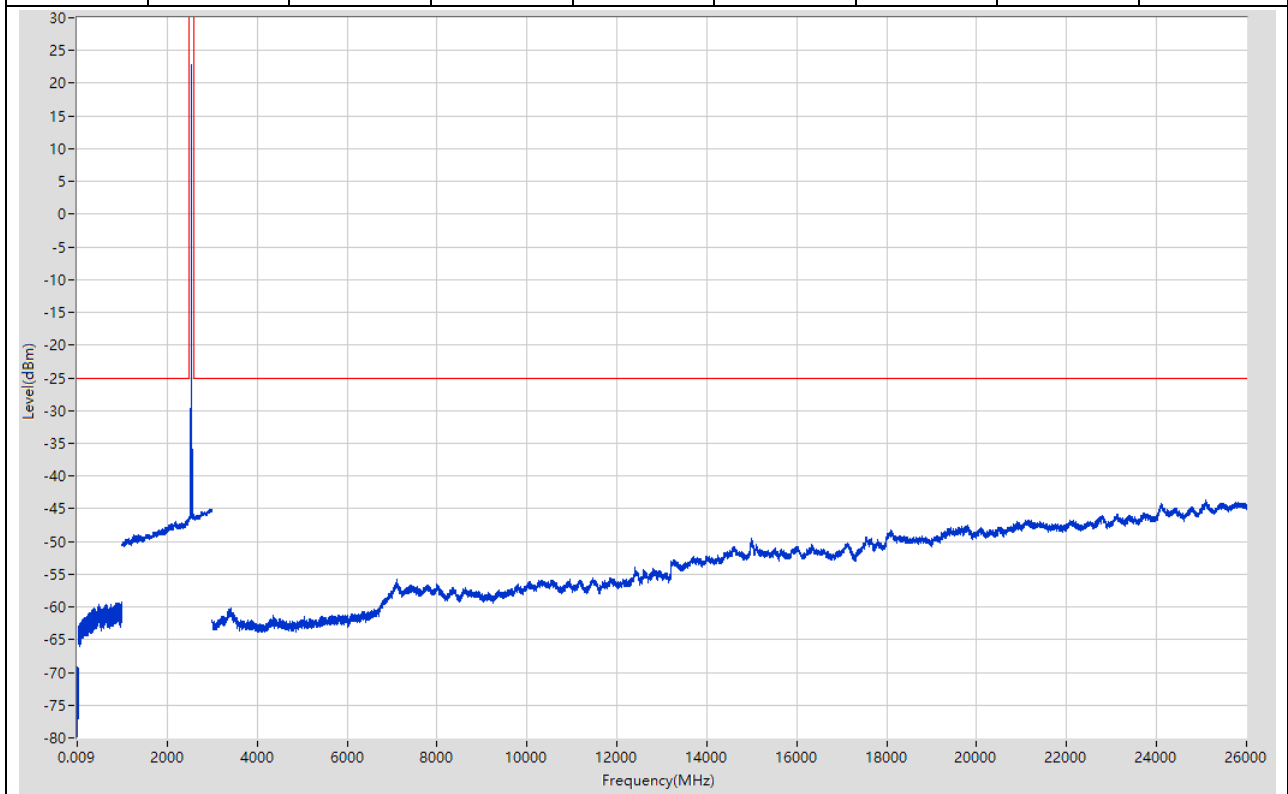
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.032           | -72.79      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.95           | -68.66      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 996.197         | -59.37      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -46.56      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2528.25         | 24.15       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2958            | -44.94      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11462           | -55.64      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25470           | -43.97      | -25         | Pass    | 14002       |



## 8.16. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

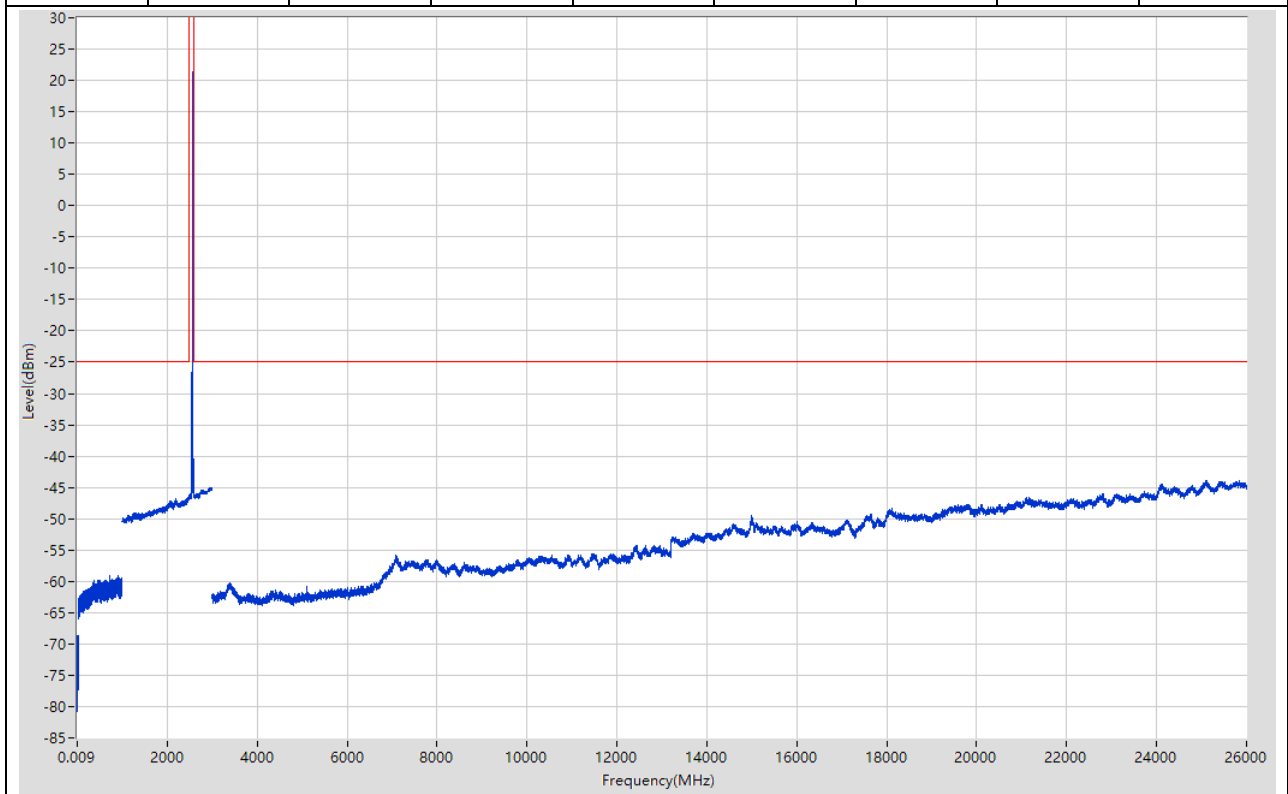
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.015           | -71.16      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 7.6             | -69.08      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 995.097         | -59.3       | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -46.56      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2528.25         | 22.92       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2955            | -45.02      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11847           | -55.62      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25095           | -43.6       | -25         | Pass    | 14002       |



### 8.17. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:21375, Bandwidth:15,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

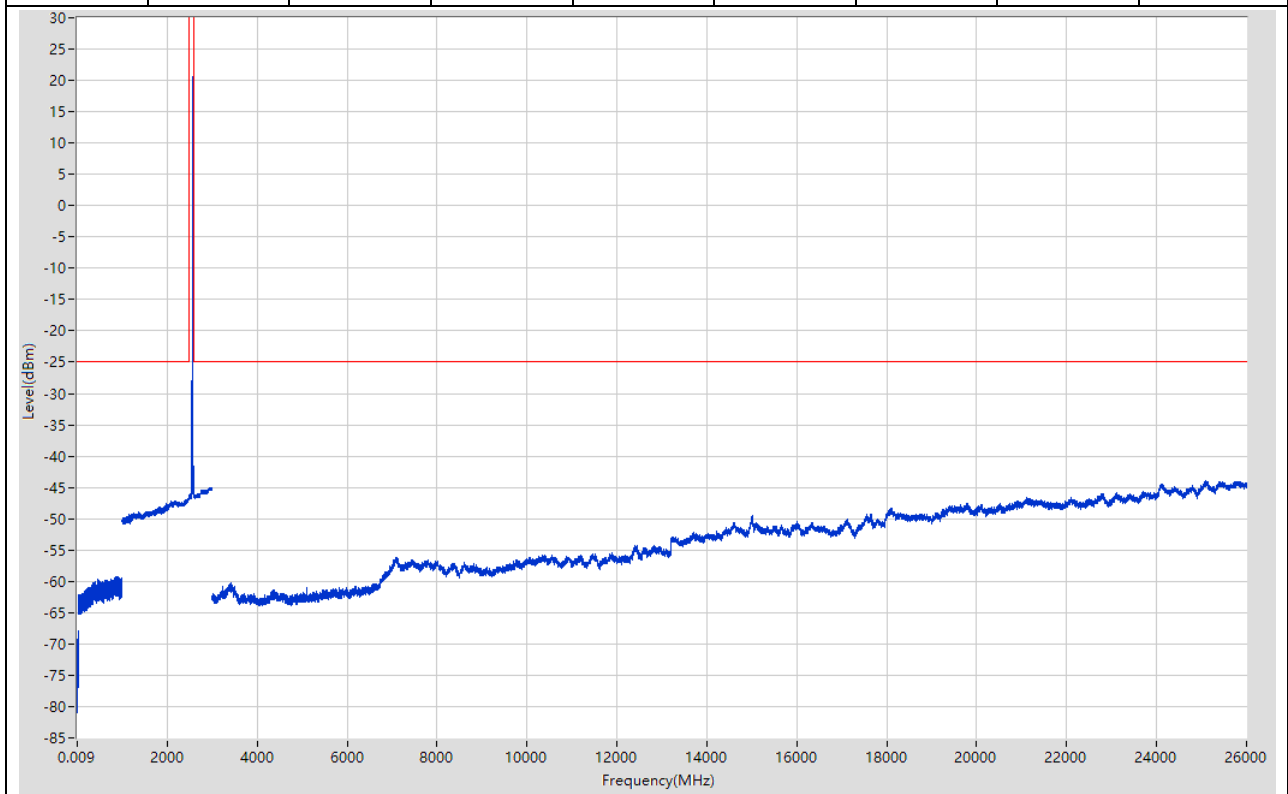
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.011               | -71.57         | -25            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 0.2                 | -68.64         | -25            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 725.2               | -59.1          | -25            | Pass    | 9701           |
| 1000                         | 2490                        | 1            | RMS      | 2490                | -46.46         | -25            | Pass    | 1491           |
| 2490                         | 2580                        | 1            | RMS      | 2555.7              | 21.43          | 60             | Pass    | 401            |
| 2580                         | 3000                        | 1            | RMS      | 2582                | -40.48         | -25            | Pass    | 421            |
| 3000                         | 12000                       | 1            | RMS      | 11876               | -55.55         | -25            | Pass    | 9002           |
| 12000                        | 26000                       | 1            | RMS      | 25100               | -43.83         | -25            | Pass    | 14002          |



### 8.18. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

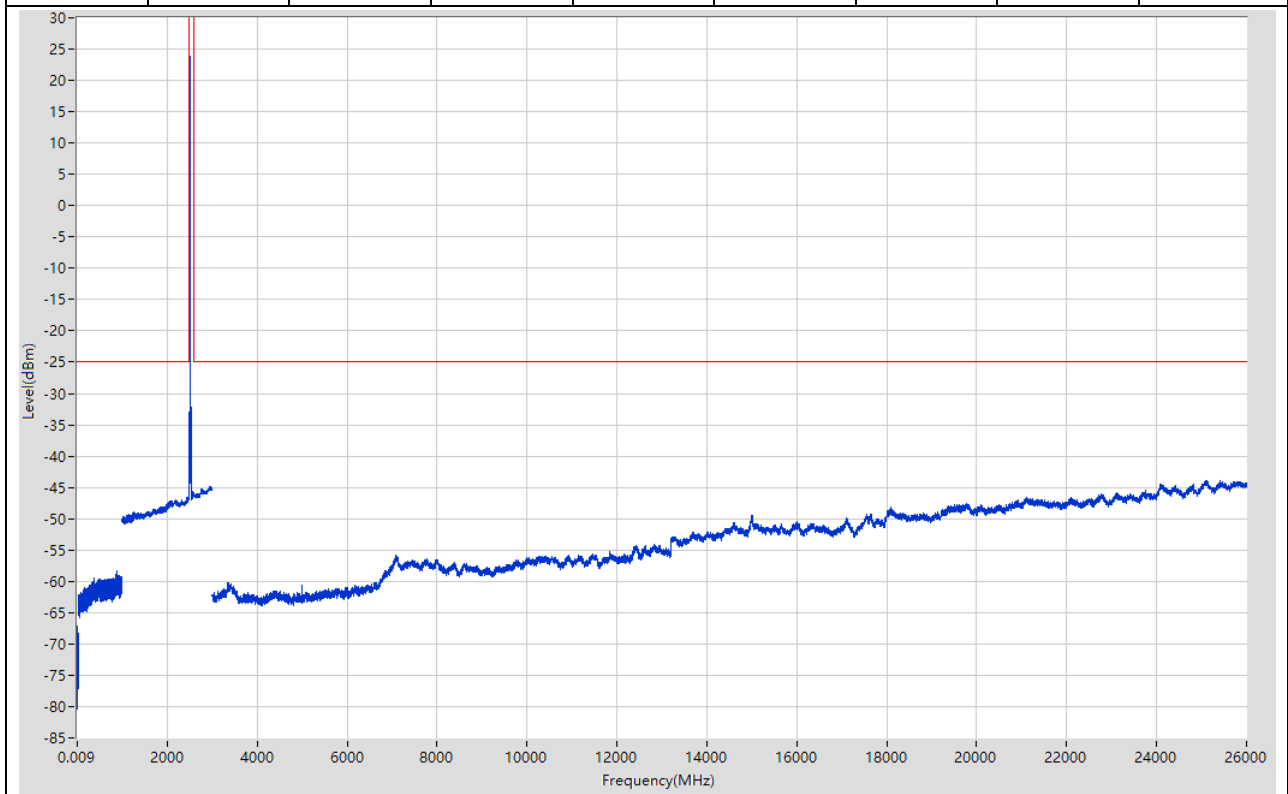
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -70.97      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.51           | -67.89      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 869.814         | -59.2       | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2478            | -46.51      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2555.7          | 20.57       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2582            | -41.66      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11889           | -55.45      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25101           | -43.99      | -25         | Pass    | 14002       |



### 8.19. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:20850, Bandwidth:20,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

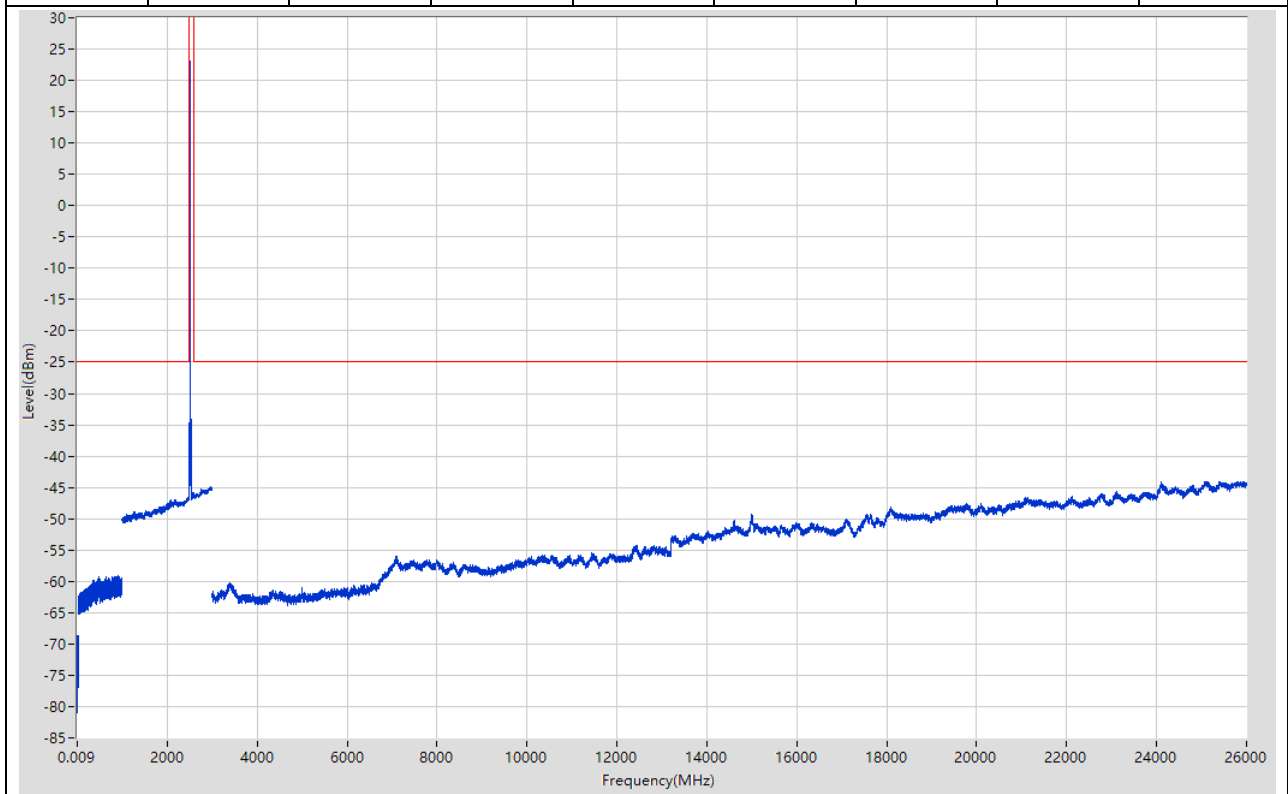
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.04            | -72.13      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.15      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 880.721         | -58.37      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2483            | -35.05      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2501.025        | 23.88       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2968            | -44.97      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11849           | -55.26      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25400           | -43.96      | -25         | Pass    | 14002       |



## 8.20. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

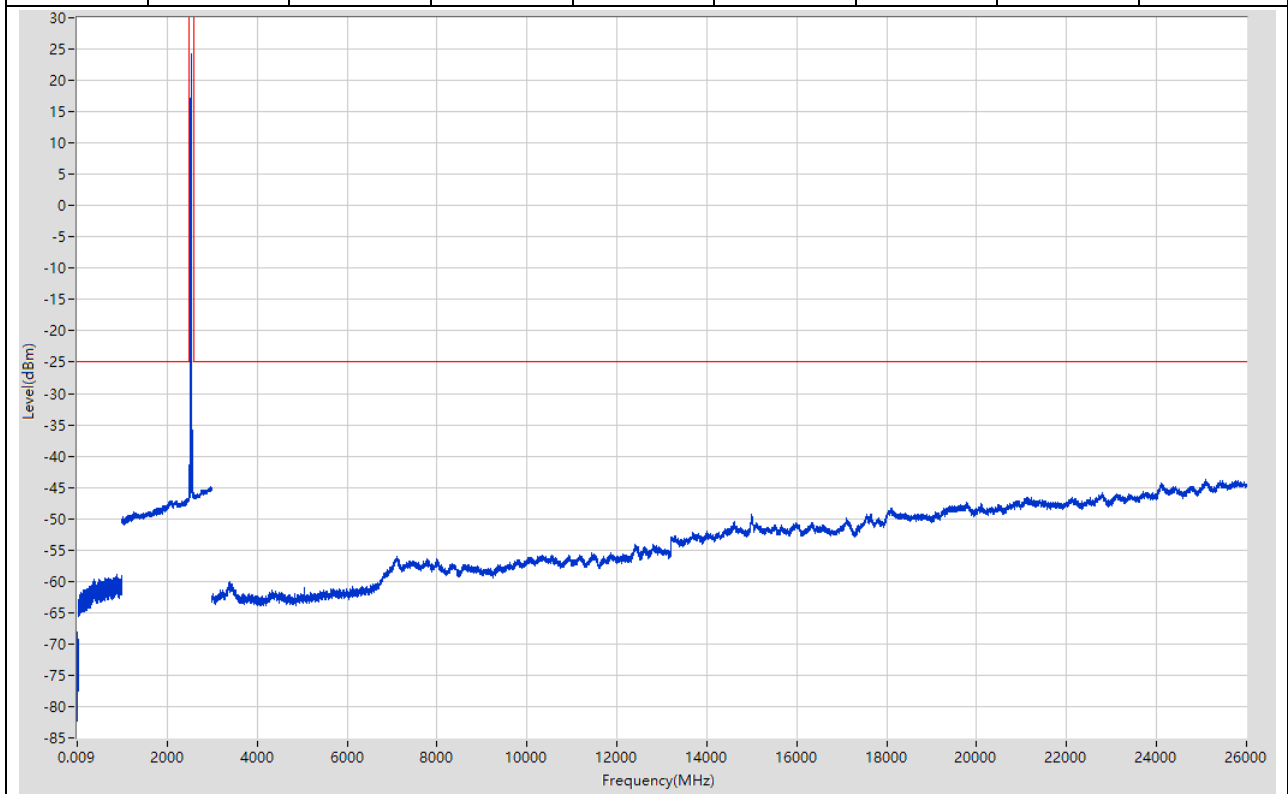
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.065           | -71.7       | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 16.71           | -68.67      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 899.934         | -59.06      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2483            | -35.73      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2501.025        | 23.04       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2975            | -44.96      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11449           | -55.47      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25936           | -44.01      | -25         | Pass    | 14002       |



## 8.21. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:21100, Bandwidth:20,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

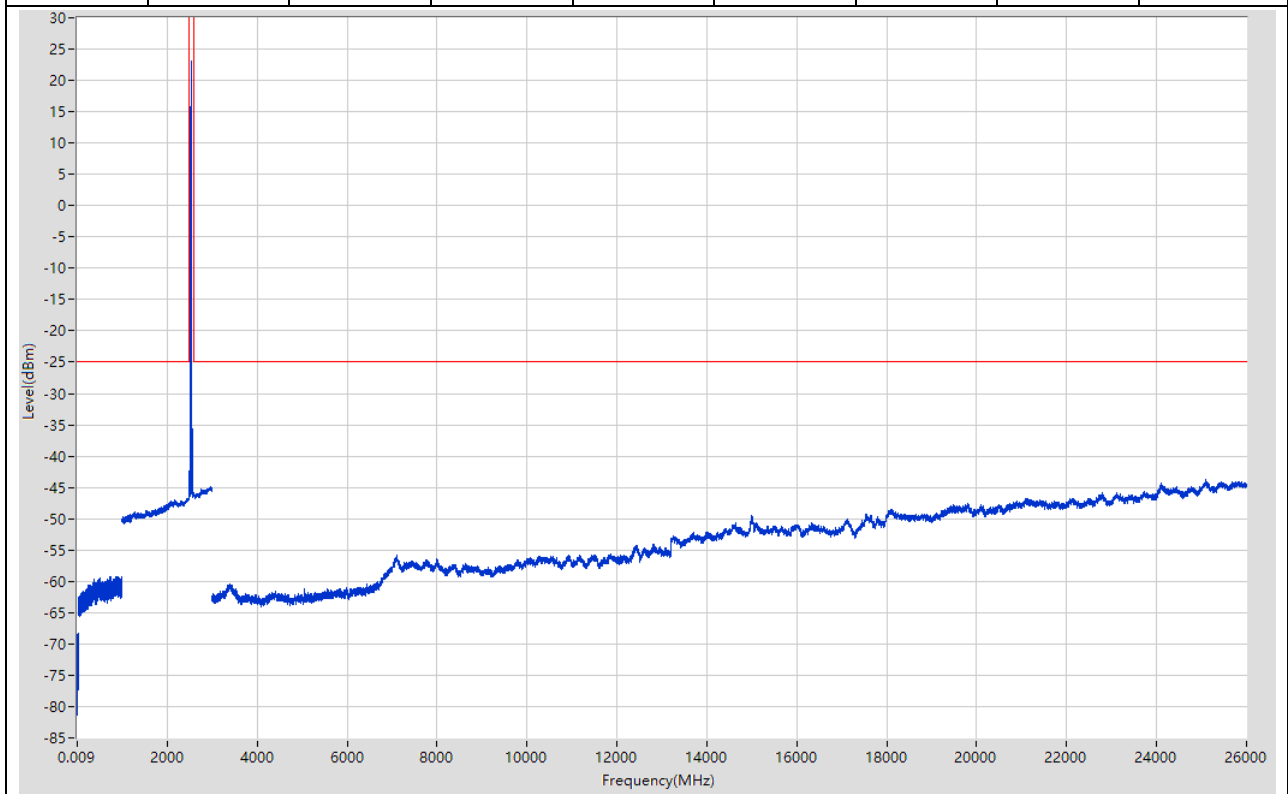
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.072               | -72.57         | -25            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 8.59                | -68.02         | -25            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 872.816             | -58.9          | -25            | Pass    | 9701           |
| 1000                         | 2490                        | 1            | RMS      | 2490                | -42.66         | -25            | Pass    | 1491           |
| 2490                         | 2580                        | 1            | RMS      | 2526                | 24.33          | 60             | Pass    | 401            |
| 2580                         | 3000                        | 1            | RMS      | 2956                | -44.97         | -25            | Pass    | 421            |
| 3000                         | 12000                       | 1            | RMS      | 11439               | -55.45         | -25            | Pass    | 9002           |
| 12000                        | 26000                       | 1            | RMS      | 25090               | -43.81         | -25            | Pass    | 14002          |



## 8.22. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

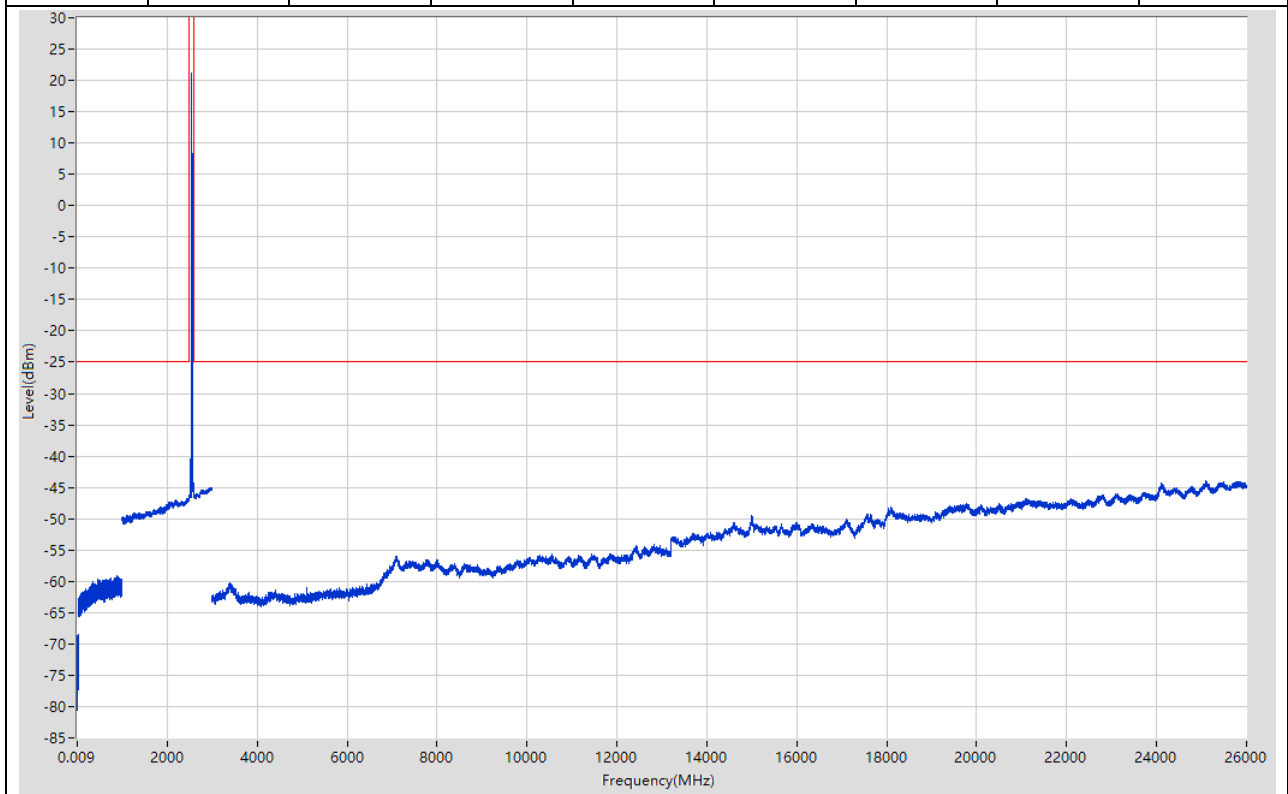
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.052           | -71.72      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.66           | -68.24      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 912.942         | -59.18      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2490            | -43.7       | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2526            | 23.11       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2963            | -44.93      | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11858           | -55.6       | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25100           | -43.81      | -25         | Pass    | 14002       |



### 8.23. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:21350, Bandwidth:20,  
Modulation:QPSK, RB Number: 1, RB Position:LOW)

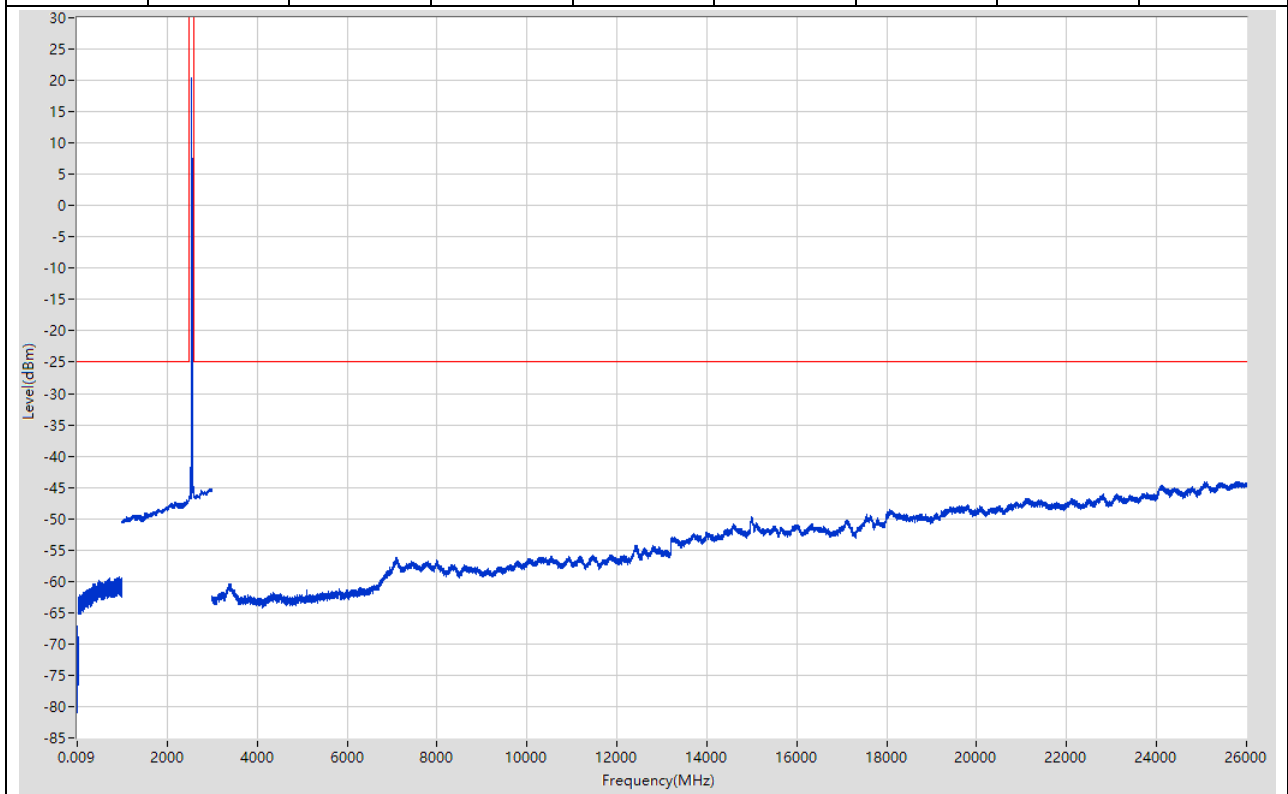
| Start<br>Frequen<br>cy (MHz) | Stop<br>Frequen<br>cy (MHz) | RBW<br>(MHz) | Detector | Frequen<br>cy (MHz) | Power<br>(dBm) | Limit<br>(dBm) | Verdict | Sweep<br>Point |
|------------------------------|-----------------------------|--------------|----------|---------------------|----------------|----------------|---------|----------------|
| 0.009                        | 0.15                        | 0.001        | RMS      | 0.049               | -72.08         | -25            | Pass    | 401            |
| 0.15                         | 30                          | 0.01         | RMS      | 26.06               | -68.51         | -25            | Pass    | 2986           |
| 30                           | 1000                        | 0.1          | RMS      | 888.826             | -59.15         | -25            | Pass    | 9701           |
| 1000                         | 2490                        | 1            | RMS      | 2488                | -46.19         | -25            | Pass    | 1491           |
| 2490                         | 2580                        | 1            | RMS      | 2550.975            | 21.2           | 60             | Pass    | 401            |
| 2580                         | 3000                        | 1            | RMS      | 2586                | -44.35         | -25            | Pass    | 421            |
| 3000                         | 12000                       | 1            | RMS      | 10543               | -55.56         | -25            | Pass    | 9002           |
| 12000                        | 26000                       | 1            | RMS      | 25097               | -43.98         | -25            | Pass    | 14002          |



## 8.24. LTE Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, 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      | 0.052           | -72.34      | -25         | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -67.12      | -25         | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925.851         | -59.36      | -25         | Pass    | 9701        |
| 1000                  | 2490                 | 1         | RMS      | 2482            | -46.81      | -25         | Pass    | 1491        |
| 2490                  | 2580                 | 1         | RMS      | 2550.975        | 20.38       | 60          | Pass    | 401         |
| 2580                  | 3000                 | 1         | RMS      | 2586            | -44.8       | -25         | Pass    | 421         |
| 3000                  | 12000                | 1         | RMS      | 11848           | -55.82      | -25         | Pass    | 9002        |
| 12000                 | 26000                | 1         | RMS      | 25819           | -44.11      | -25         | Pass    | 14002       |



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