

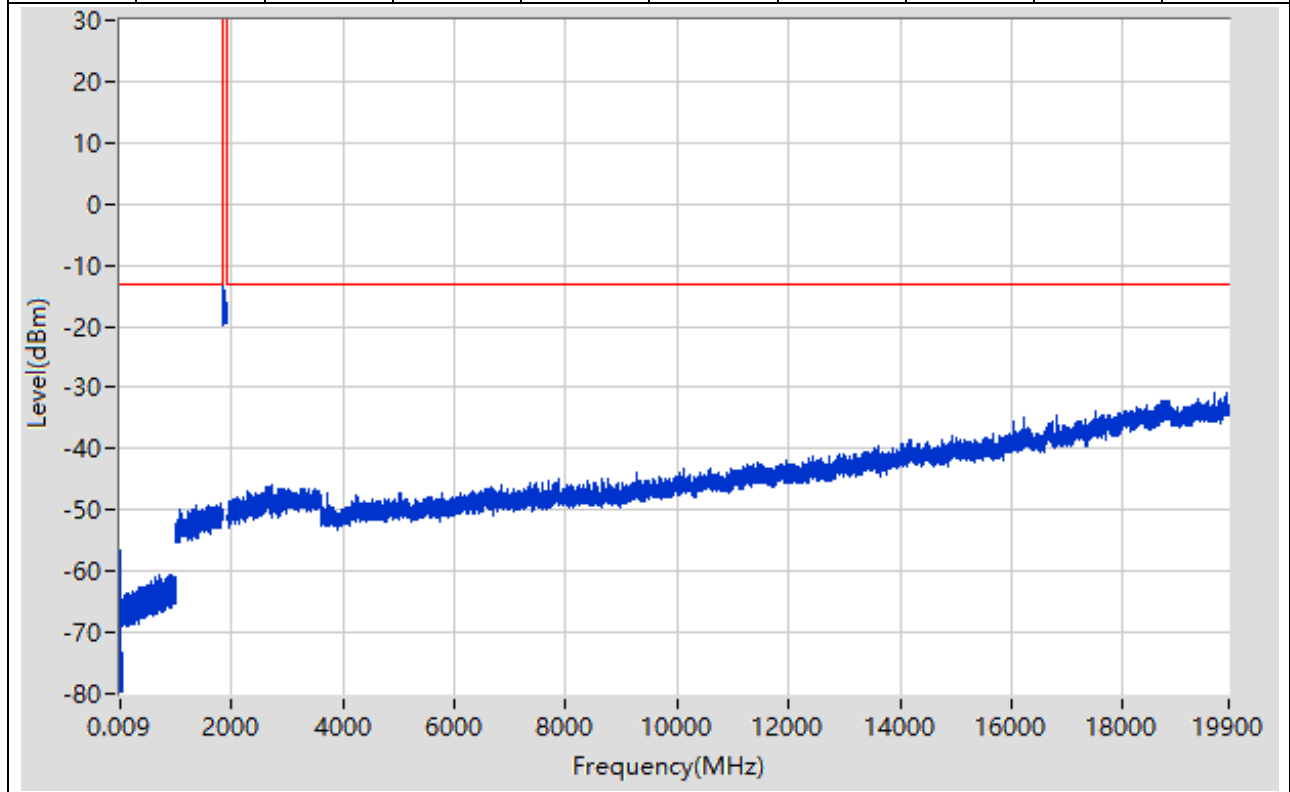
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## **Annex A.5 Spurious Emission at Antenna Terminals**

## 1. Cat-M\_Band2

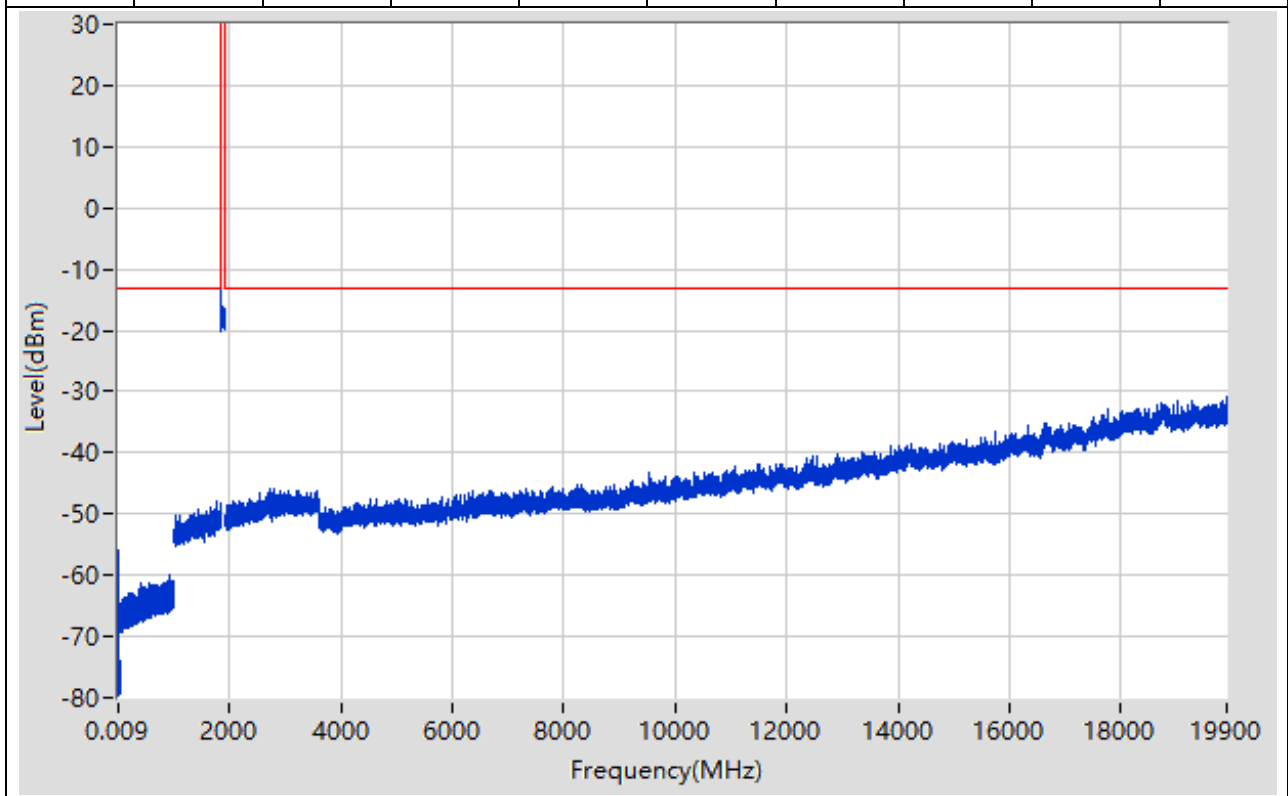
**1.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:18625, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.44      | -13         | 43.44       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -59.21      | -13         | 46.21       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 936.9           | -60.65      | -13         | 47.65       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1817            | -48.76      | -13         | 35.76       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1850.25         | 24.53       | 60          | 35.47       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2707            | -45.79      | -13         | 32.79       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19879           | -30.69      | -13         | 17.69       | Pass    | 16901       |



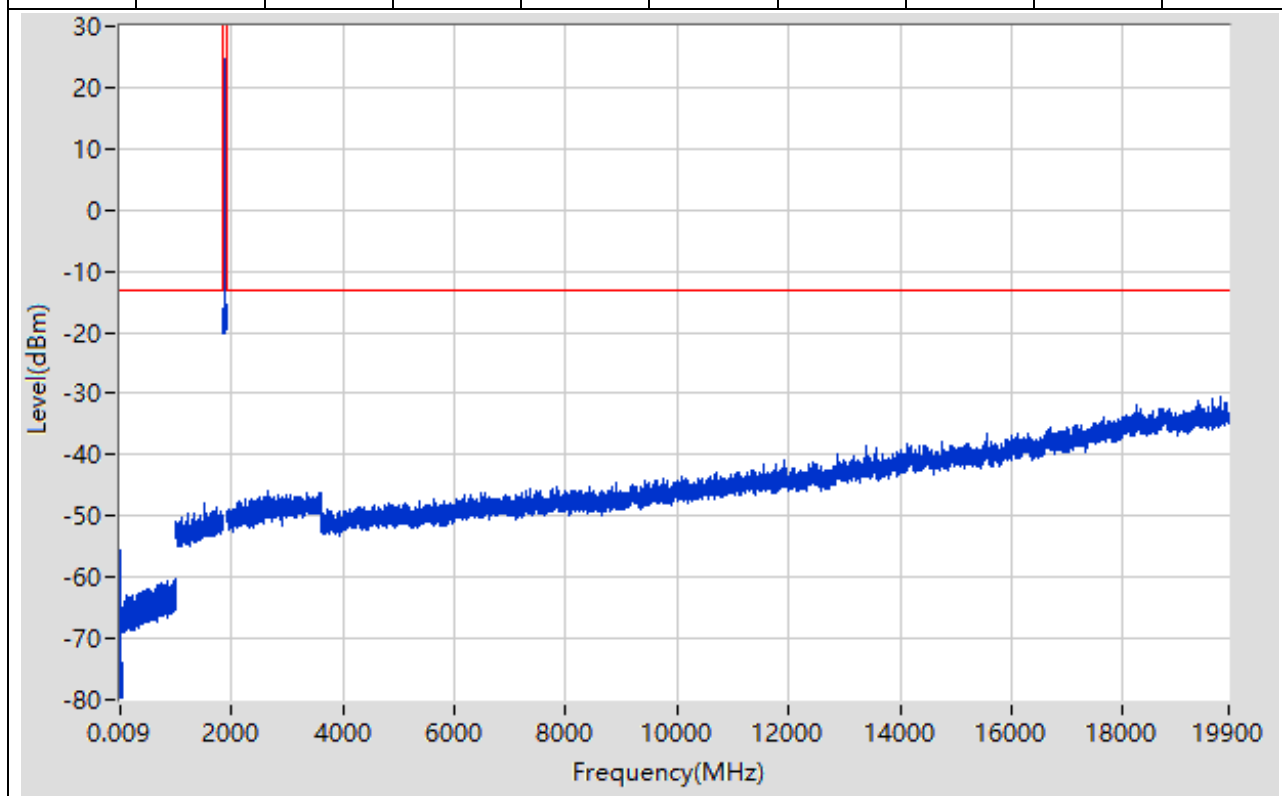
**1.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:18625, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.93      | -13         | 42.93       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.88      | -13         | 45.88       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 929.3           | -60.05      | -13         | 47.05       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1782            | -48.01      | -13         | 35.01       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1850.25         | 24.48       | 60          | 35.52       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2738            | -45.8       | -13         | 32.8        | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19884           | -30.69      | -13         | 17.69       | Pass    | 16901       |



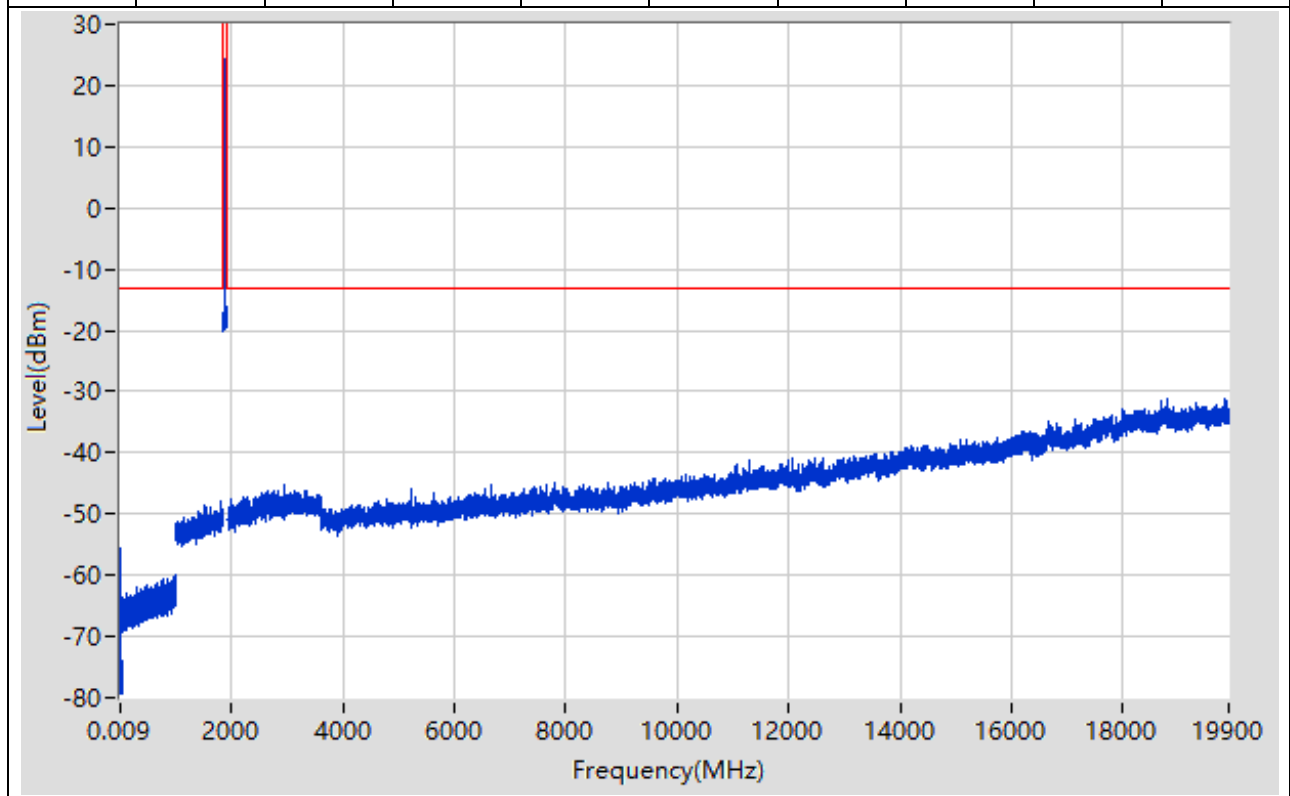
### 1.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:18900, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.65      | -13         | 42.65       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.87      | -13         | 42.87       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 989.3           | -60.18      | -13         | 47.18       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1509            | -47.97      | -13         | 34.97       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1877.75         | 24.56       | 60          | 35.44       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2659            | -45.85      | -13         | 32.85       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19764           | -30.59      | -13         | 17.59       | Pass    | 16901       |



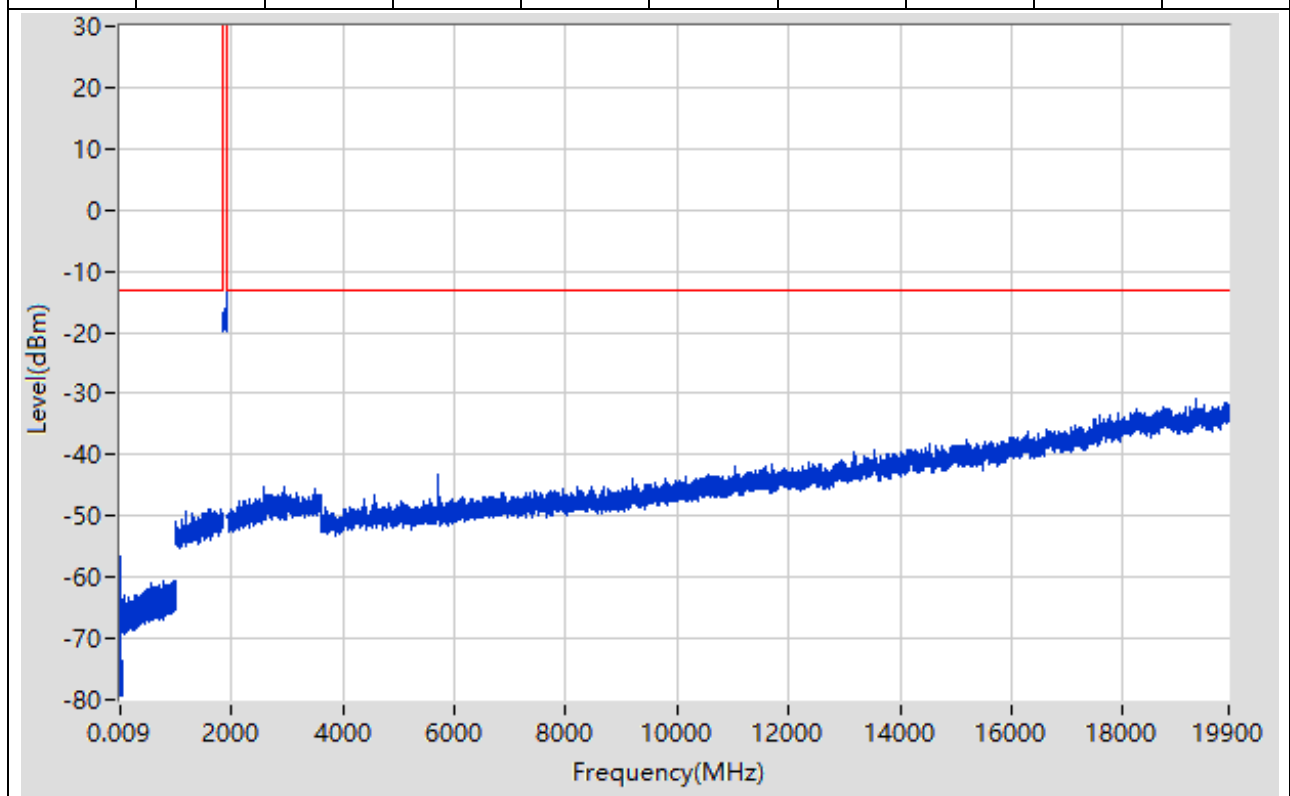
**1.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:18900, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.53      | -13         | 42.53       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.46      | -13         | 45.46       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 982.8           | -59.79      | -13         | 46.79       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1803            | -47.98      | -13         | 34.98       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1878            | 24.44       | 60          | 35.56       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2929            | -45.26      | -13         | 32.26       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 18781           | -31.05      | -13         | 18.05       | Pass    | 16901       |



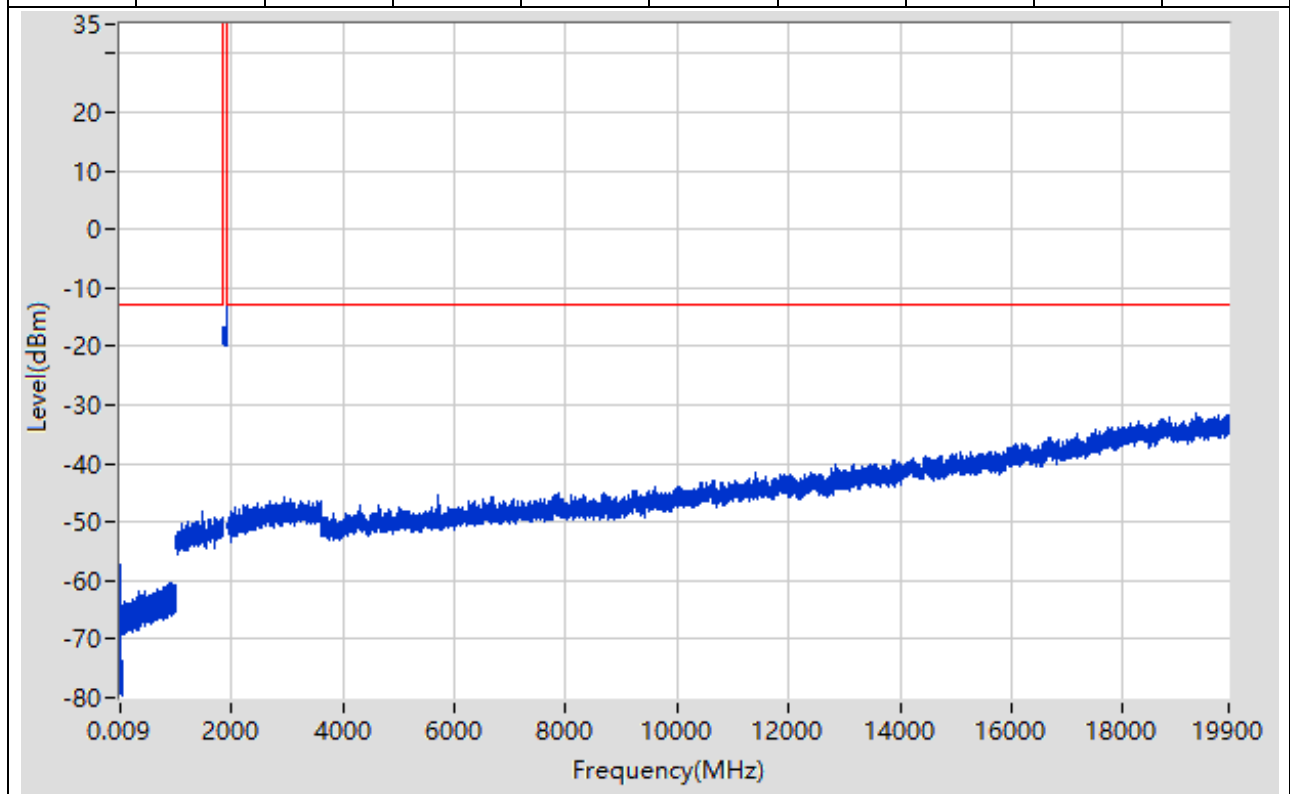
**1.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:19175, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.47      | -13         | 43.47       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.08      | -13         | 44.08       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 966.9           | -60.58      | -13         | 47.58       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1796            | -48.97      | -13         | 35.97       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1906.25         | 24.05       | 60          | 35.95       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2945            | -45.25      | -13         | 32.25       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19294           | -30.82      | -13         | 17.82       | Pass    | 16901       |



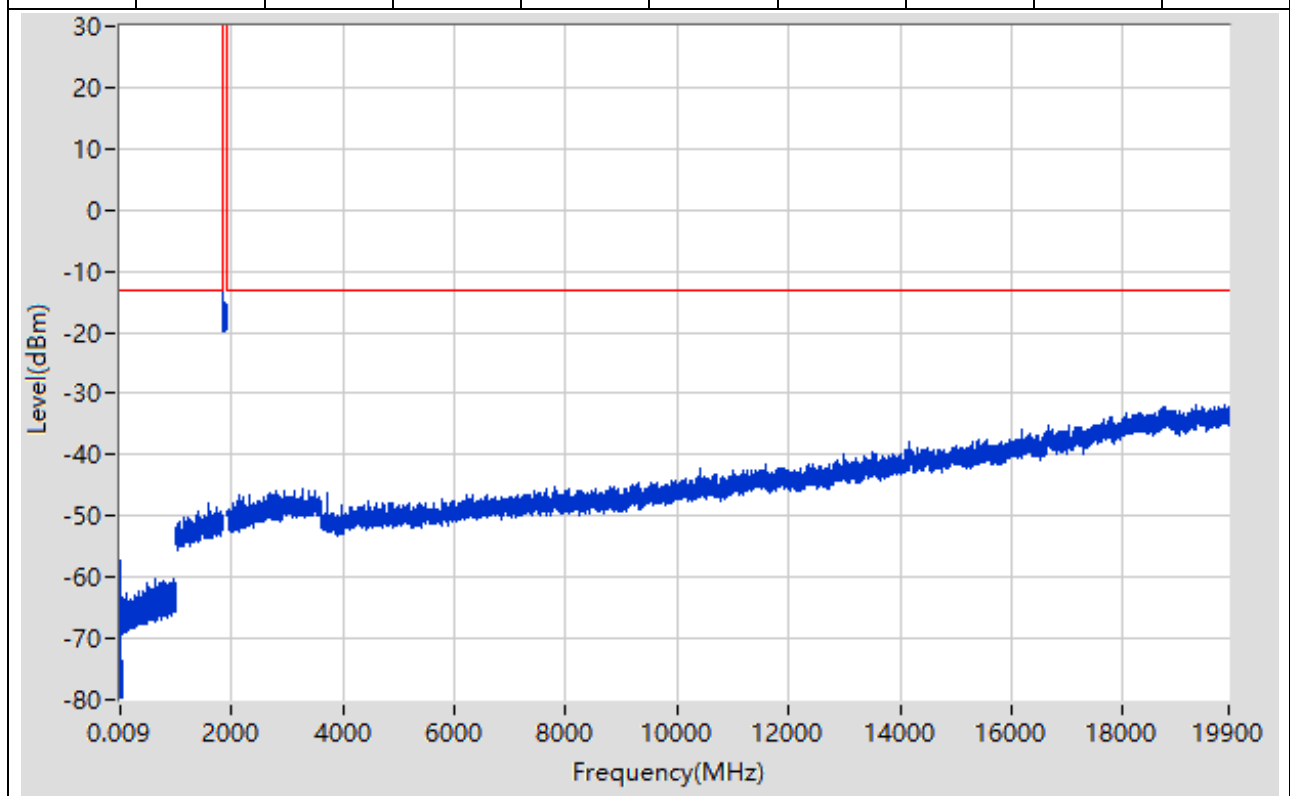
**1.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:19175, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.17      | -13         | 44.17       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.11      | -13         | 46.11       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 926.6           | -60.28      | -13         | 47.28       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1485            | -48.14      | -13         | 35.14       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1906.25         | 25.02       | 60          | 34.98       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2934            | -45.8       | -13         | 32.8        | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19294           | -31.34      | -13         | 18.34       | Pass    | 16901       |



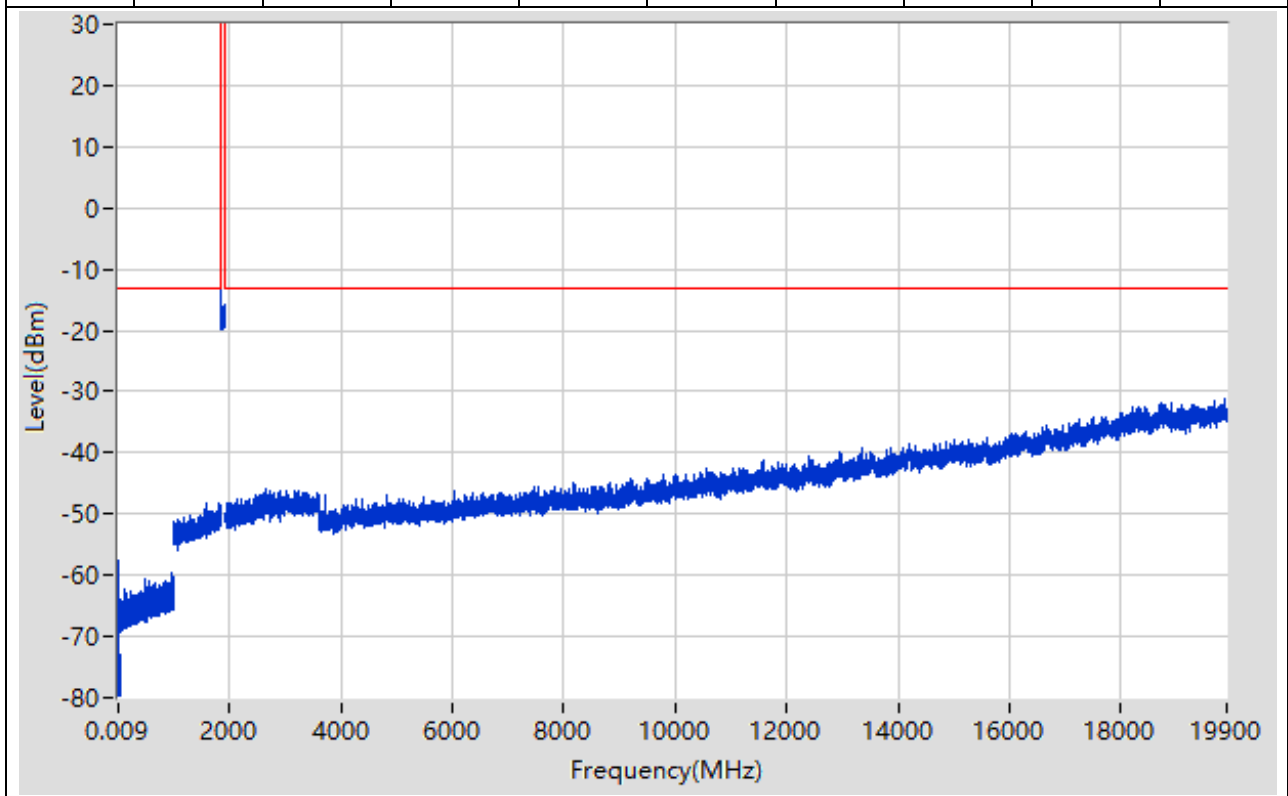
**1.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:18650, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.28      | -13         | 44.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -59.8       | -13         | 46.8        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 958.2           | -60.18      | -13         | 47.18       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1575            | -47.79      | -13         | 34.79       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1850.75         | 24.55       | 60          | 35.45       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2791            | -45.89      | -13         | 32.89       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19842           | -31.72      | -13         | 18.72       | Pass    | 16901       |



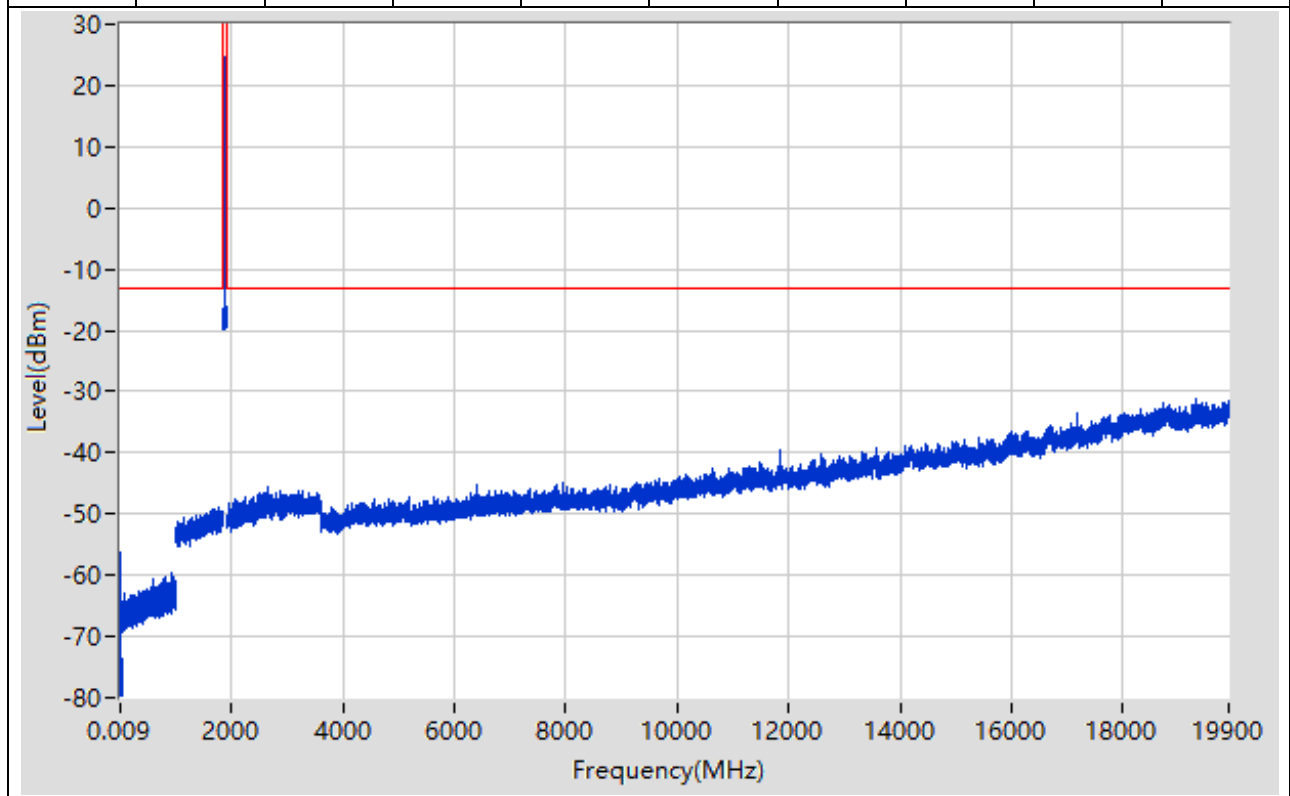
**1.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:18650, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.88      | -13         | 44.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.68      | -13         | 44.68       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 954.7           | -59.52      | -13         | 46.52       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1569            | -48.3       | -13         | 35.3        | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1850.75         | 24.93       | 60          | 35.07       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2644            | -45.98      | -13         | 32.98       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19846           | -31.05      | -13         | 18.05       | Pass    | 16901       |



**1.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:18900, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

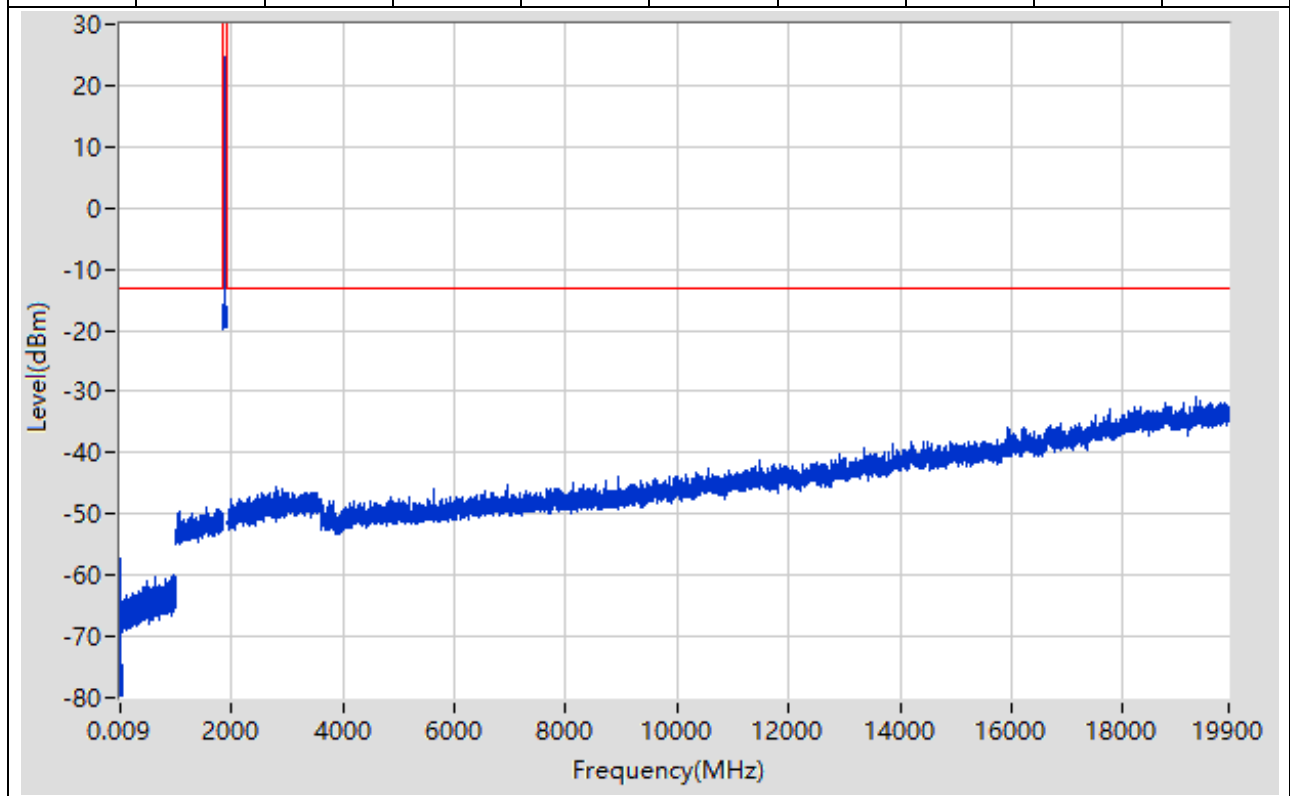
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.38      | -13         | 43.38       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.76      | -13         | 46.76       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 934             | -59.5       | -13         | 46.5        | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1779            | -49.06      | -13         | 36.06       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1875.75         | 24.65       | 60          | 35.35       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2632            | -45.59      | -13         | 32.59       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19307           | -31.29      | -13         | 18.29       | Pass    | 16901       |



### 1.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:18900, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

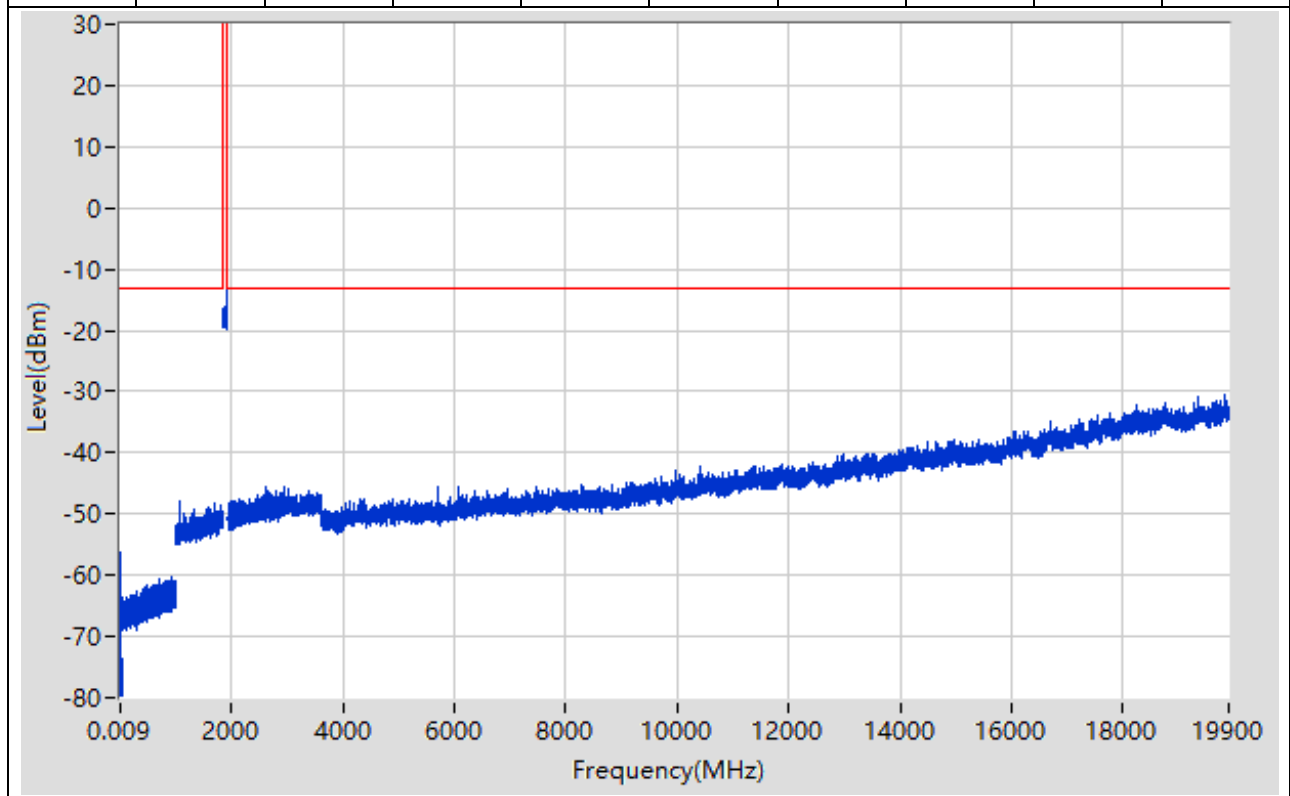
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.16      | -13         | 44.16       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.55      | -13         | 45.55       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 968.1           | -59.81      | -13         | 46.81       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1548            | -48.77      | -13         | 35.77       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1875.75         | 24.79       | 60          | 35.21       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2796            | -45.69      | -13         | 32.69       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19311           | -30.8       | -13         | 17.8        | Pass    | 16901       |



### 1.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:19150, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

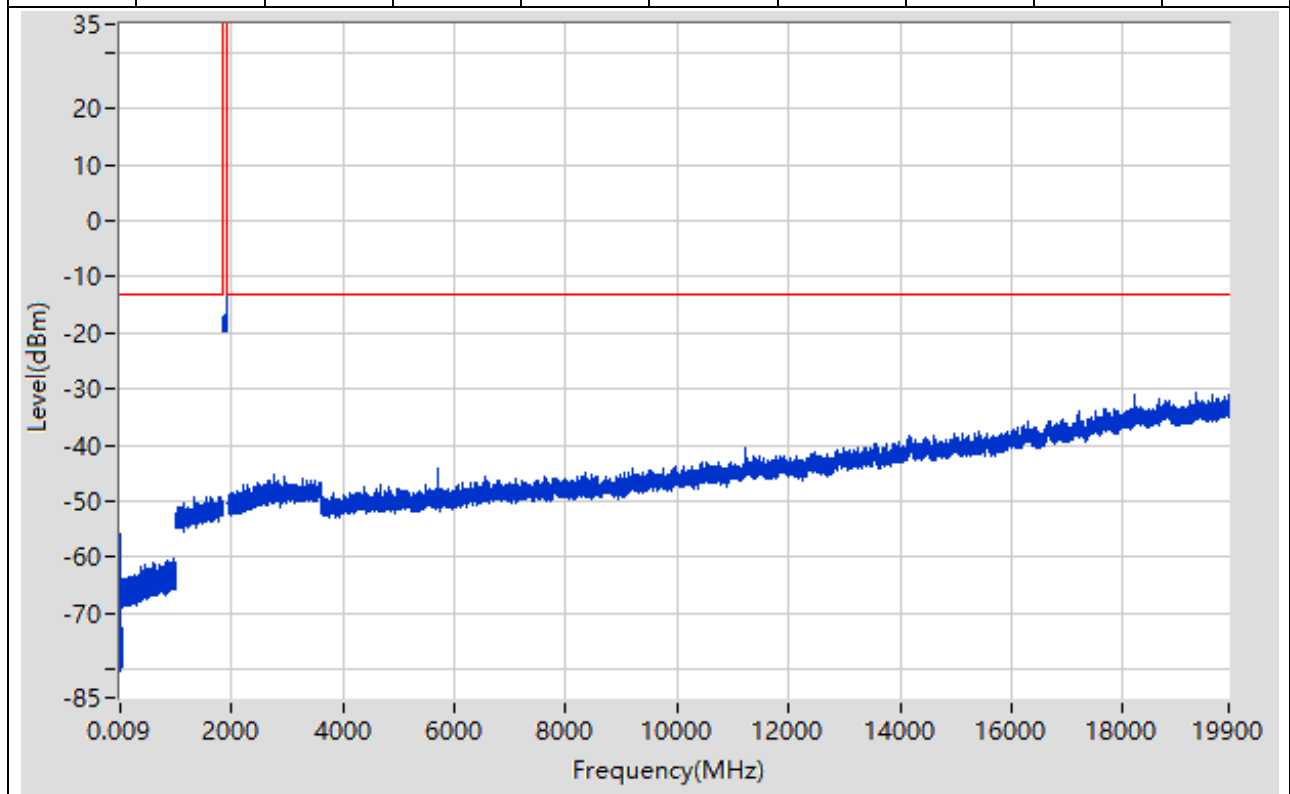
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.25      | -13         | 43.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -59.33      | -13         | 46.33       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 919.7           | -60.33      | -13         | 47.33       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1082            | -48.05      | -13         | 35.05       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1901.75         | 23.92       | 60          | 36.08       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2960            | -45.71      | -13         | 32.71       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19839           | -30.57      | -13         | 17.57       | Pass    | 16901       |



### 1.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:19150, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

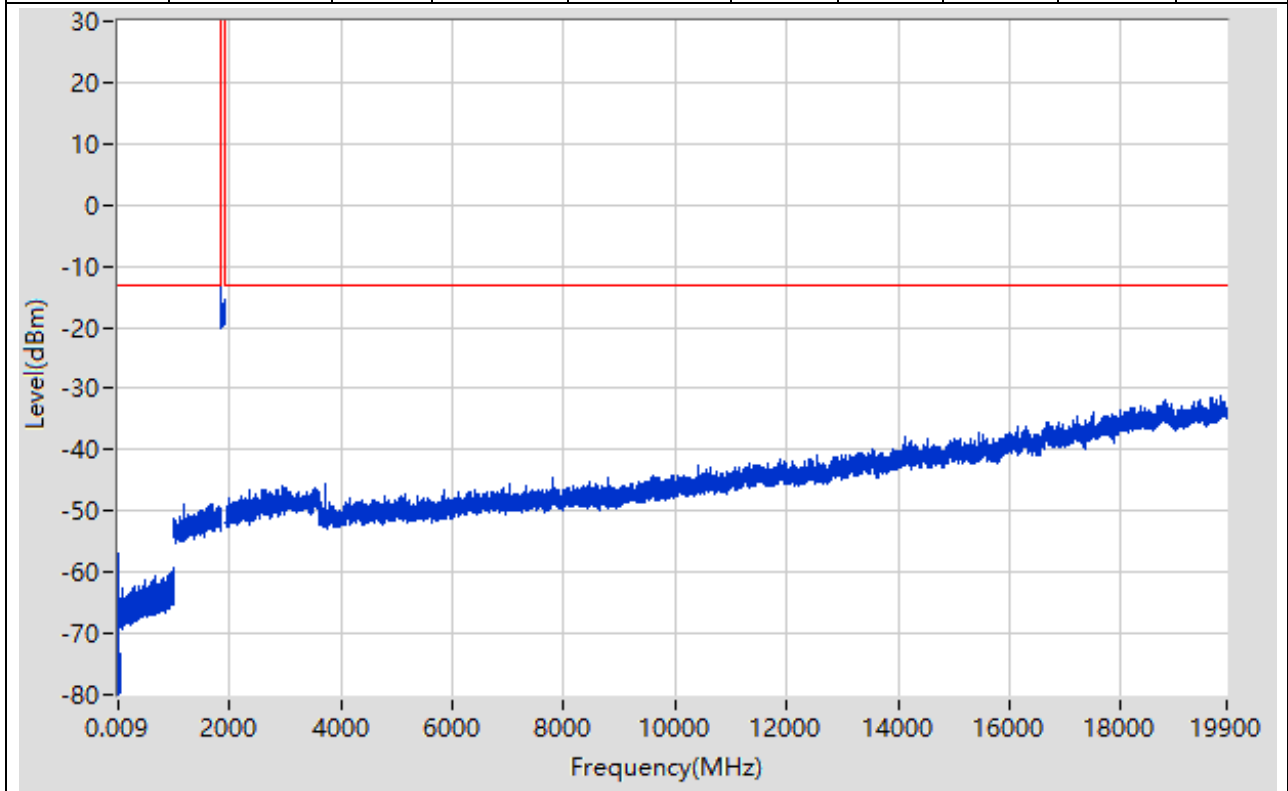
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.61      | -13         | 43.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.88      | -13         | 42.88       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 974.6           | -60.11      | -13         | 47.11       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1610            | -49.09      | -13         | 36.09       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1901.5          | 25.19       | 60          | 34.81       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2757            | -45.28      | -13         | 32.28       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19307           | -30.72      | -13         | 17.72       | Pass    | 16901       |



### 1.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:18675, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

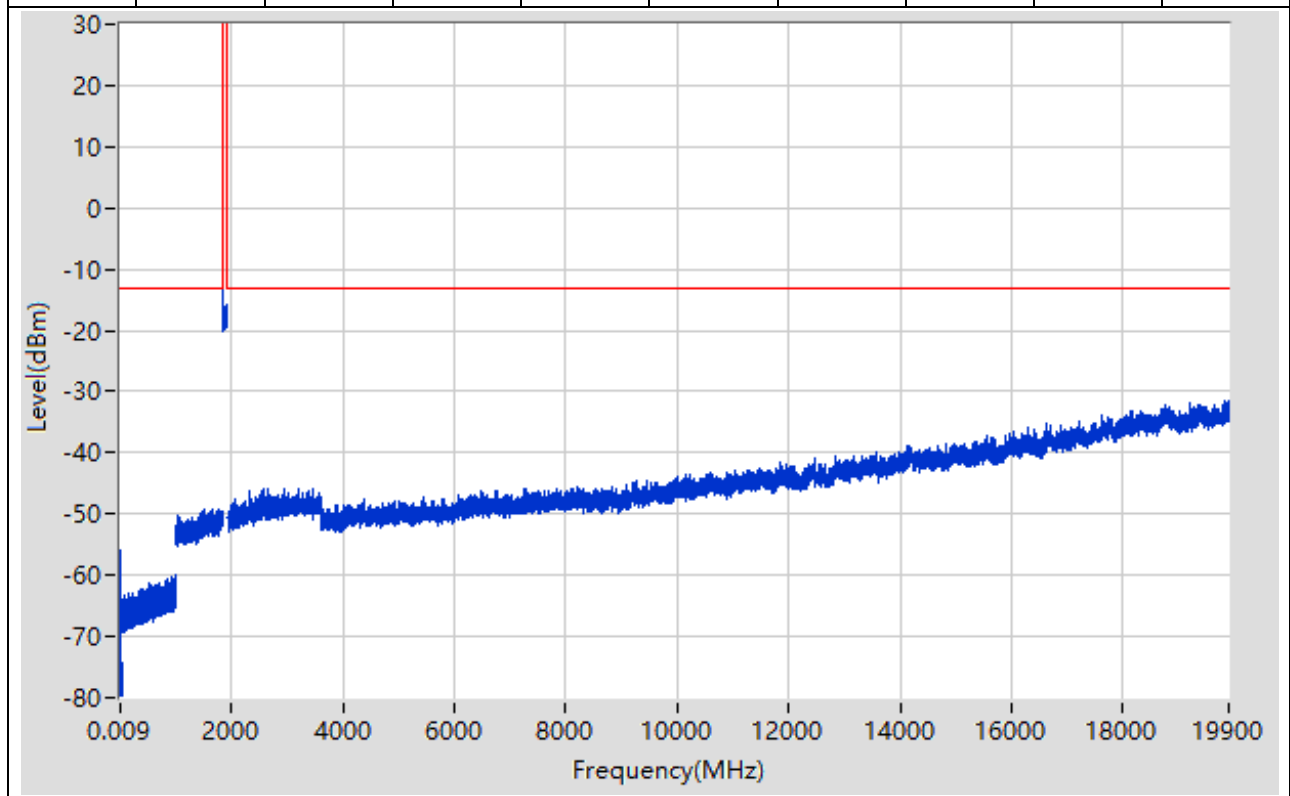
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.18      | -13         | 44.18       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.95      | -13         | 43.95       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 989.6           | -59.43      | -13         | 46.43       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1686            | -48.77      | -13         | 35.77       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1851.25         | 24.07       | 60          | 35.93       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2935            | -45.91      | -13         | 32.91       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19787           | -31.28      | -13         | 18.28       | Pass    | 16901       |



#### 1.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:18675, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

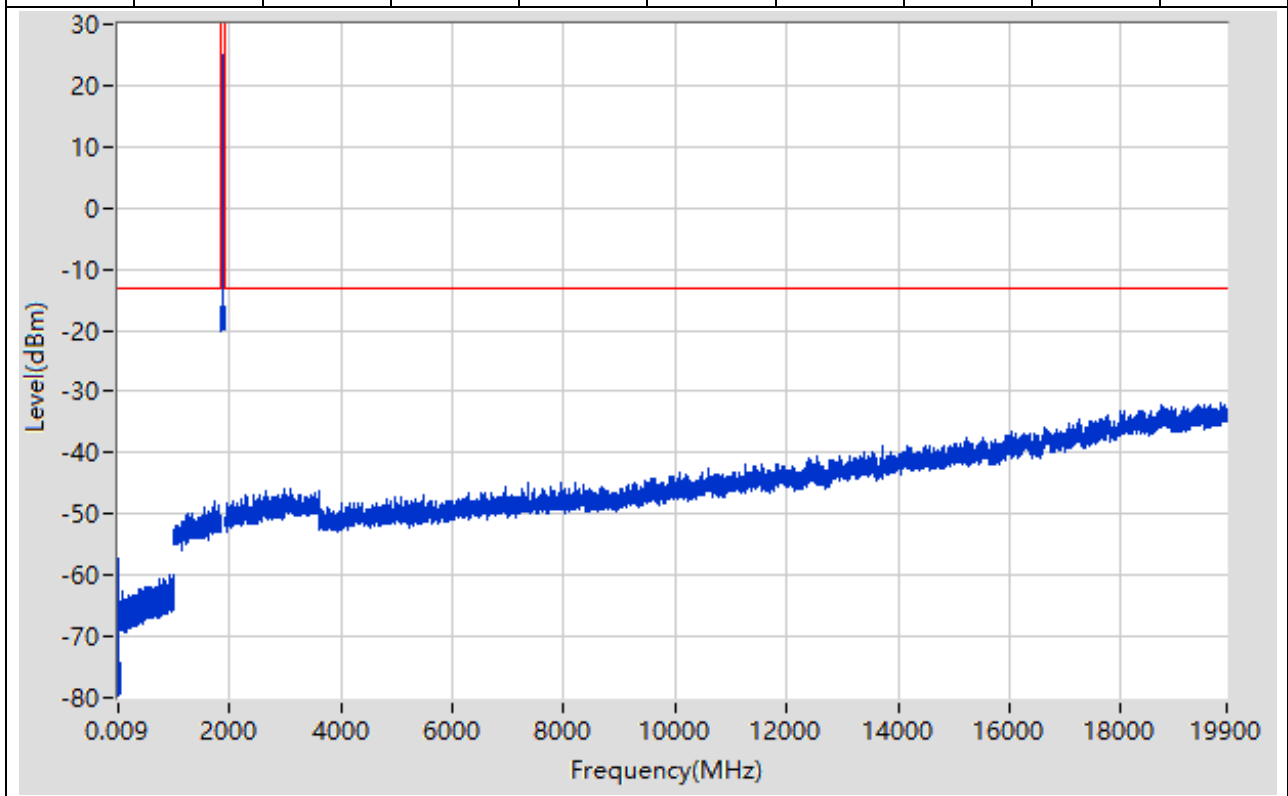
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.77      | -13         | 42.77       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.55      | -13         | 45.55       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 995.3           | -59.99      | -13         | 46.99       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1782            | -49.16      | -13         | 36.16       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1851            | 23.83       | 60          | 36.17       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2558            | -45.82      | -13         | 32.82       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19844           | -31.37      | -13         | 18.37       | Pass    | 16901       |



### 1.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:18900, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

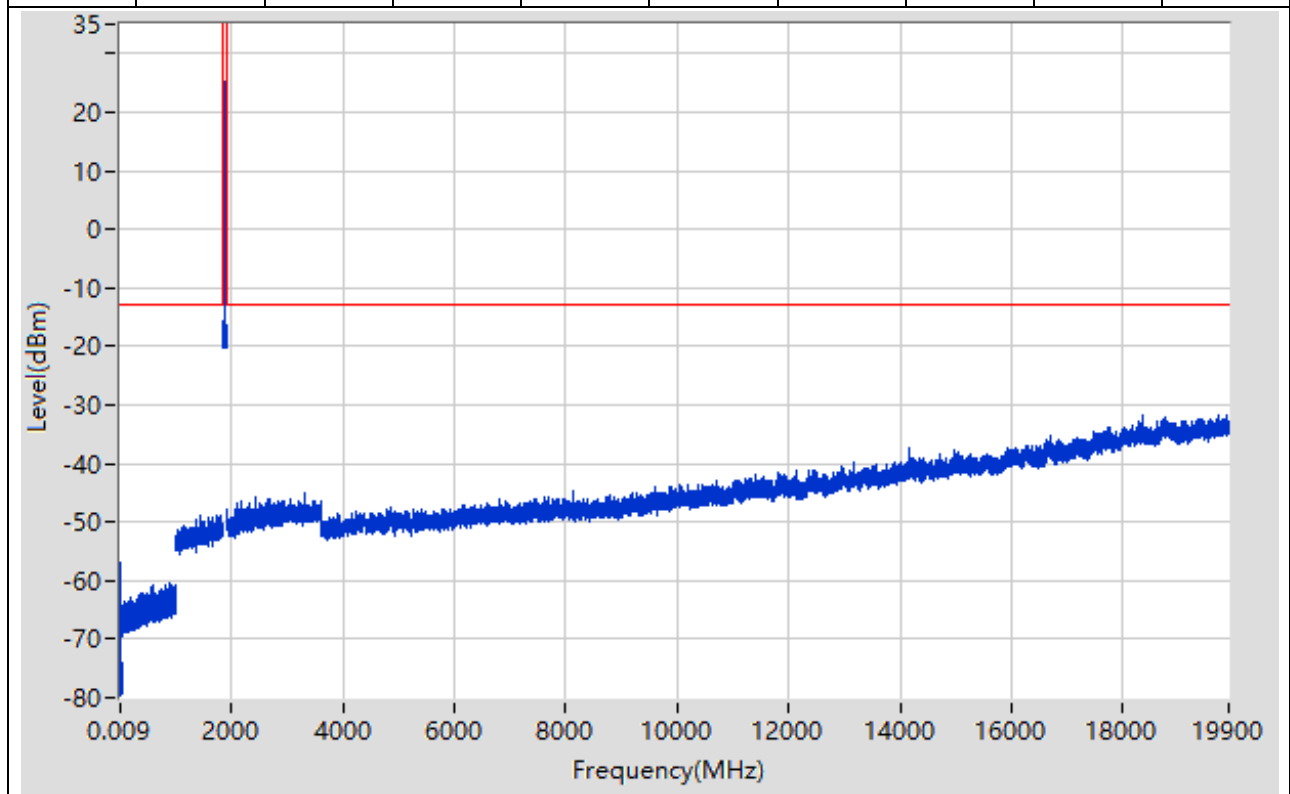
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.28      | -13         | 44.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.6       | -13         | 44.6        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 916.2           | -59.88      | -13         | 46.88       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1741            | -47.99      | -13         | 34.99       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1873.5          | 24.84       | 60          | 35.16       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2981            | -46.02      | -13         | 33.02       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19792           | -31.95      | -13         | 18.95       | Pass    | 16901       |



### 1.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:18900, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

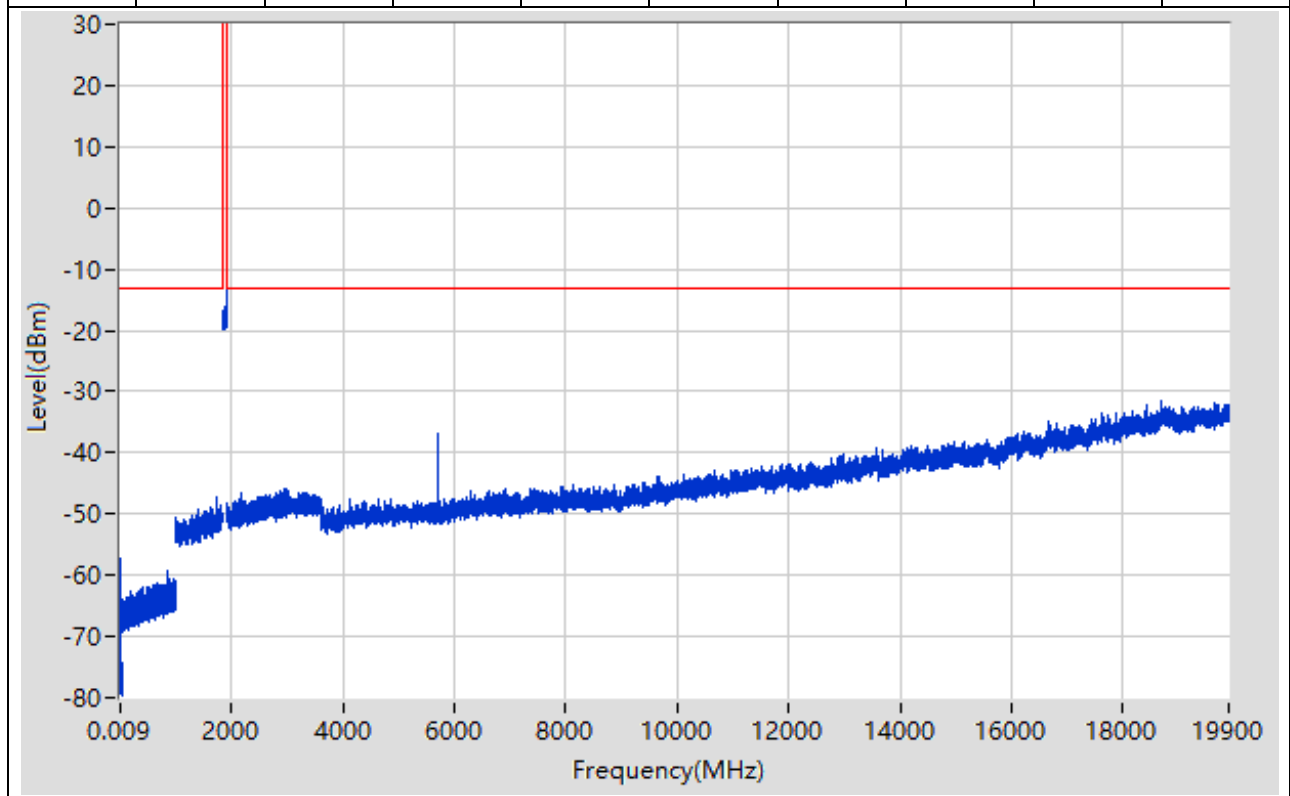
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57         | -13         | 44          | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.94      | -13         | 45.94       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 868.3           | -60.51      | -13         | 47.51       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1432            | -48.73      | -13         | 35.73       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1873.5          | 25.22       | 60          | 34.78       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2419            | -45.85      | -13         | 32.85       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19850           | -31.64      | -13         | 18.64       | Pass    | 16901       |



### 1.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:19125, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

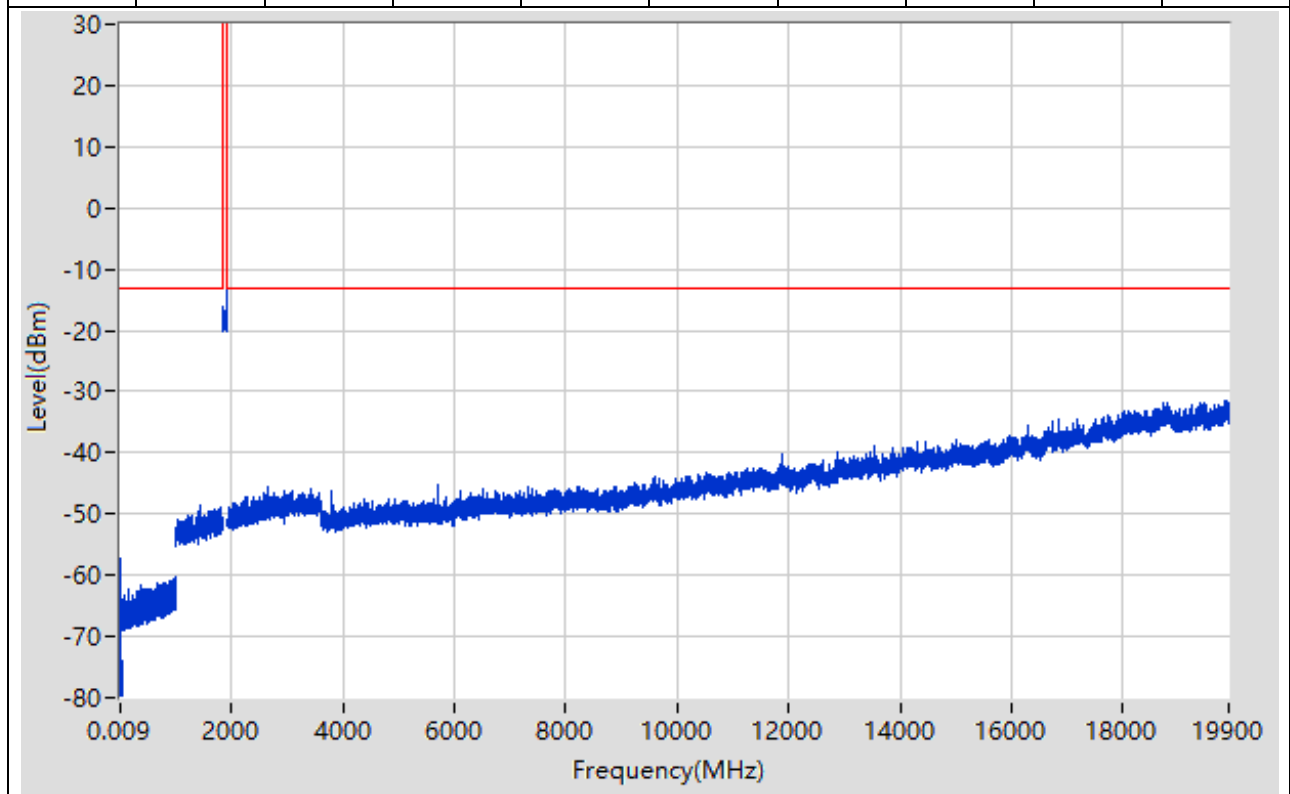
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.28      | -13         | 44.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.89      | -13         | 44.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 834.9           | -59.12      | -13         | 46.12       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1746            | -47.2       | -13         | 34.2        | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1896.75         | 24.39       | 60          | 35.61       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2946            | -45.88      | -13         | 32.88       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 18669           | -31.56      | -13         | 18.56       | Pass    | 16901       |



### 1.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:19125, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

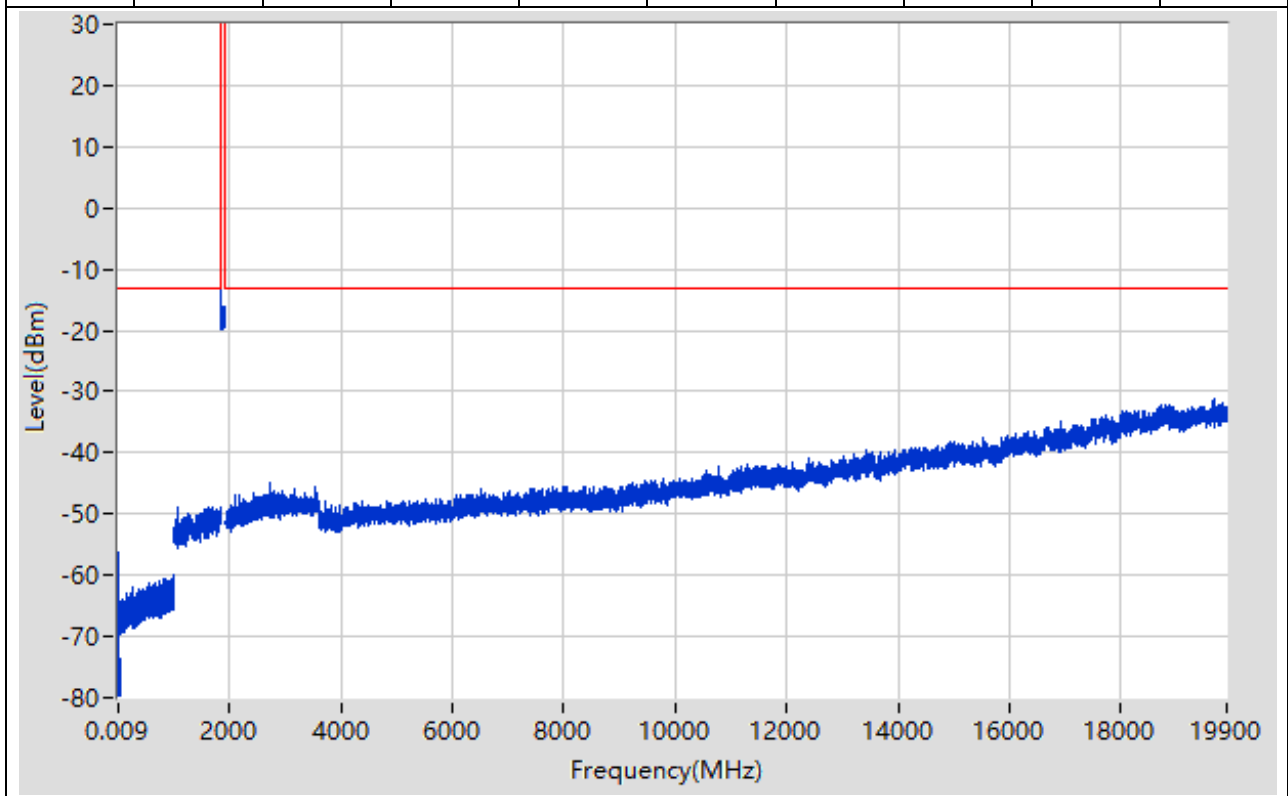
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.15      | -13         | 44.15       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.71      | -13         | 44.71       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 989             | -60.15      | -13         | 47.15       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1444            | -48.58      | -13         | 35.58       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1897            | 24.91       | 60          | 35.09       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2662            | -45.6       | -13         | 32.6        | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19846           | -31.42      | -13         | 18.42       | Pass    | 16901       |



### 1.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:18700, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

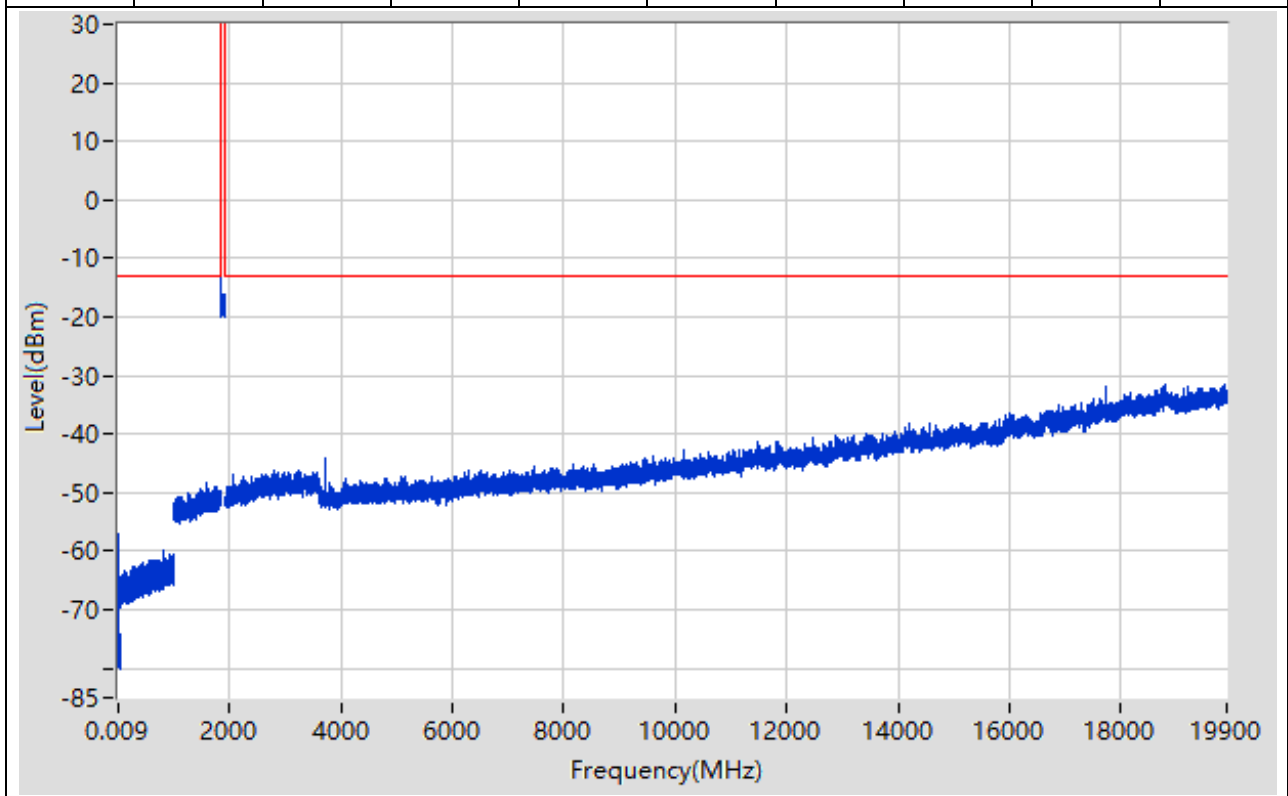
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -56.18      | -13         | 43.18       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.87      | -13         | 45.87       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 975.1           | -59.89      | -13         | 46.89       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1823            | -48.75      | -13         | 35.75       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1851.25         | 23.77       | 60          | 36.23       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2724            | -44.96      | -13         | 31.96       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19687           | -31.33      | -13         | 18.33       | Pass    | 16901       |



## 1.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:18700, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

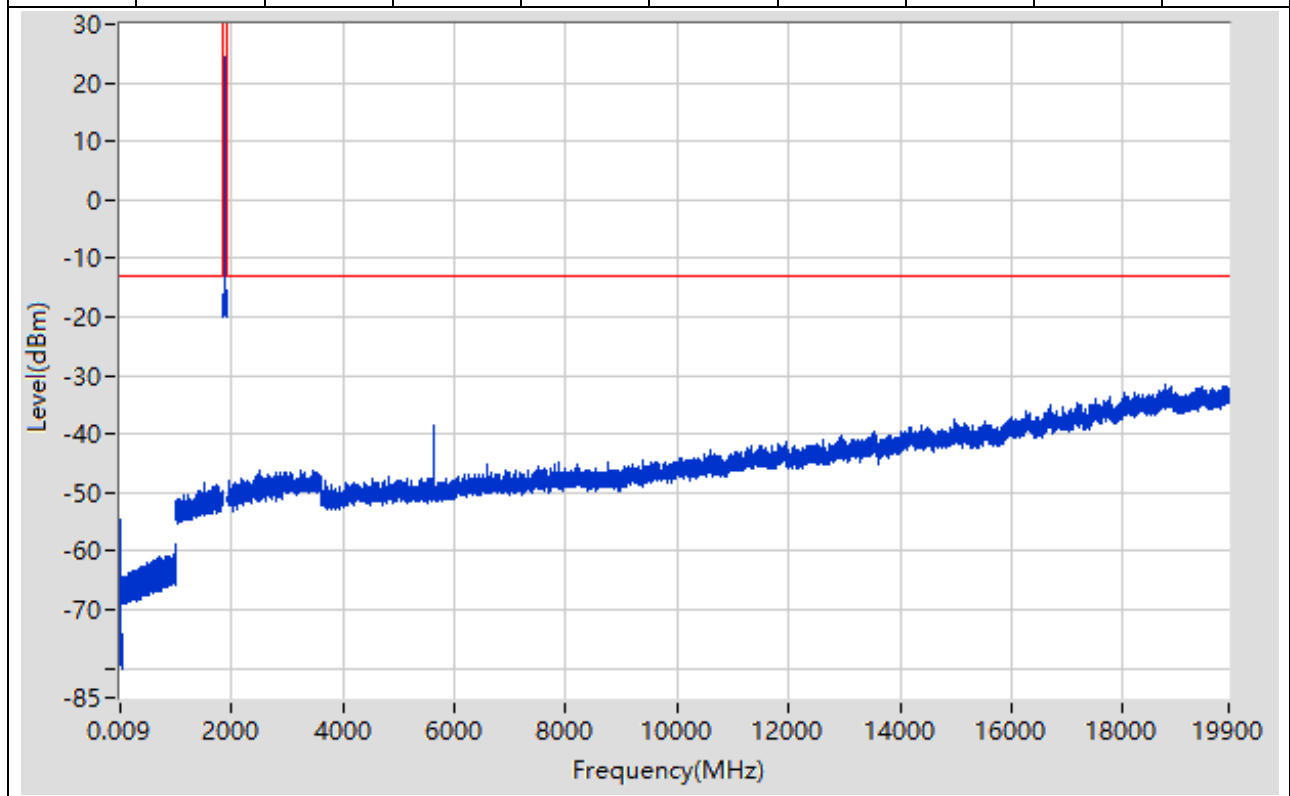
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.89      | -13         | 43.89       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.62      | -13         | 44.62       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 795.1           | -60.01      | -13         | 47.01       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1568            | -48.3       | -13         | 35.3        | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1851.25         | 24.29       | 60          | 35.71       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2794            | -46.21      | -13         | 33.21       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19879           | -31.46      | -13         | 18.46       | Pass    | 16901       |



### 1.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:18900, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

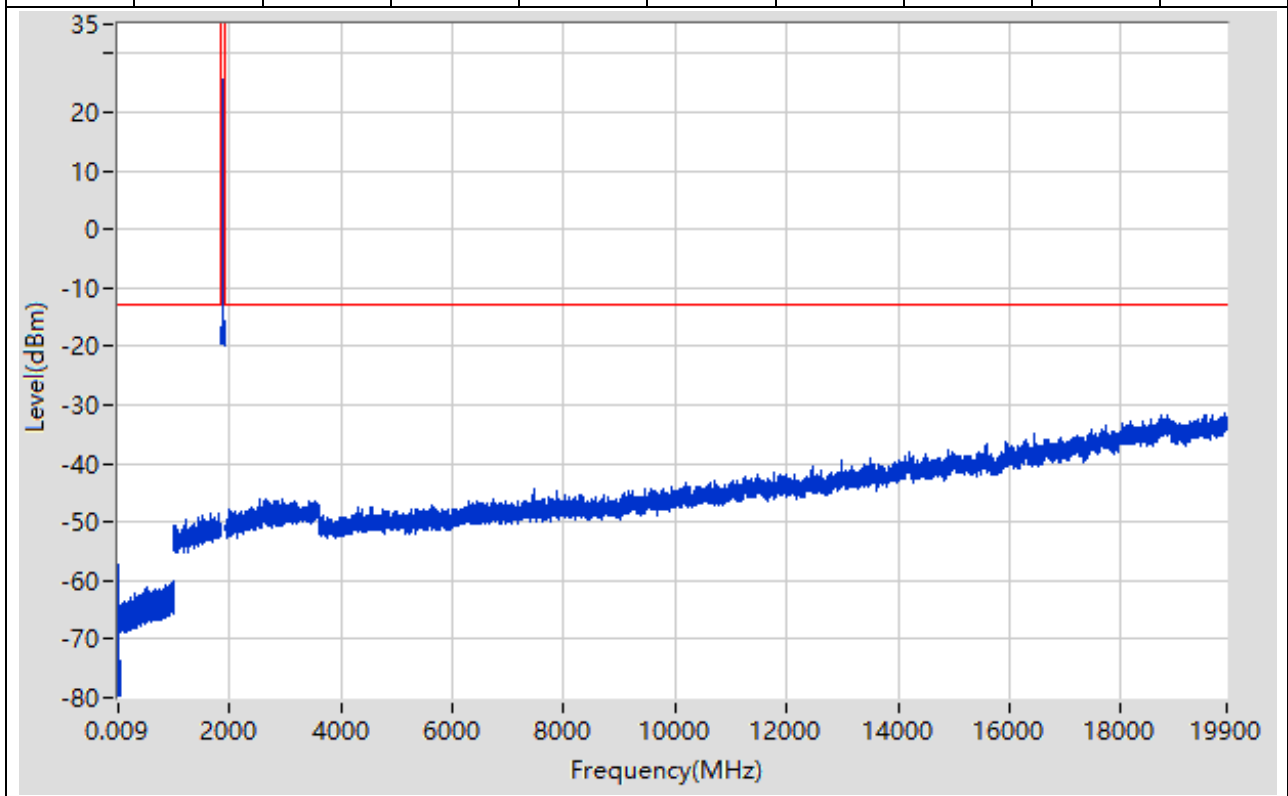
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.74      | -13         | 41.74       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.17      | -13         | 45.17       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 978.4           | -58.73      | -13         | 45.73       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1520            | -48.36      | -13         | 35.36       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1871.5          | 24.48       | 60          | 35.52       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2505            | -46.26      | -13         | 33.26       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 18759           | -31.56      | -13         | 18.56       | Pass    | 16901       |



## 1.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:18900, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

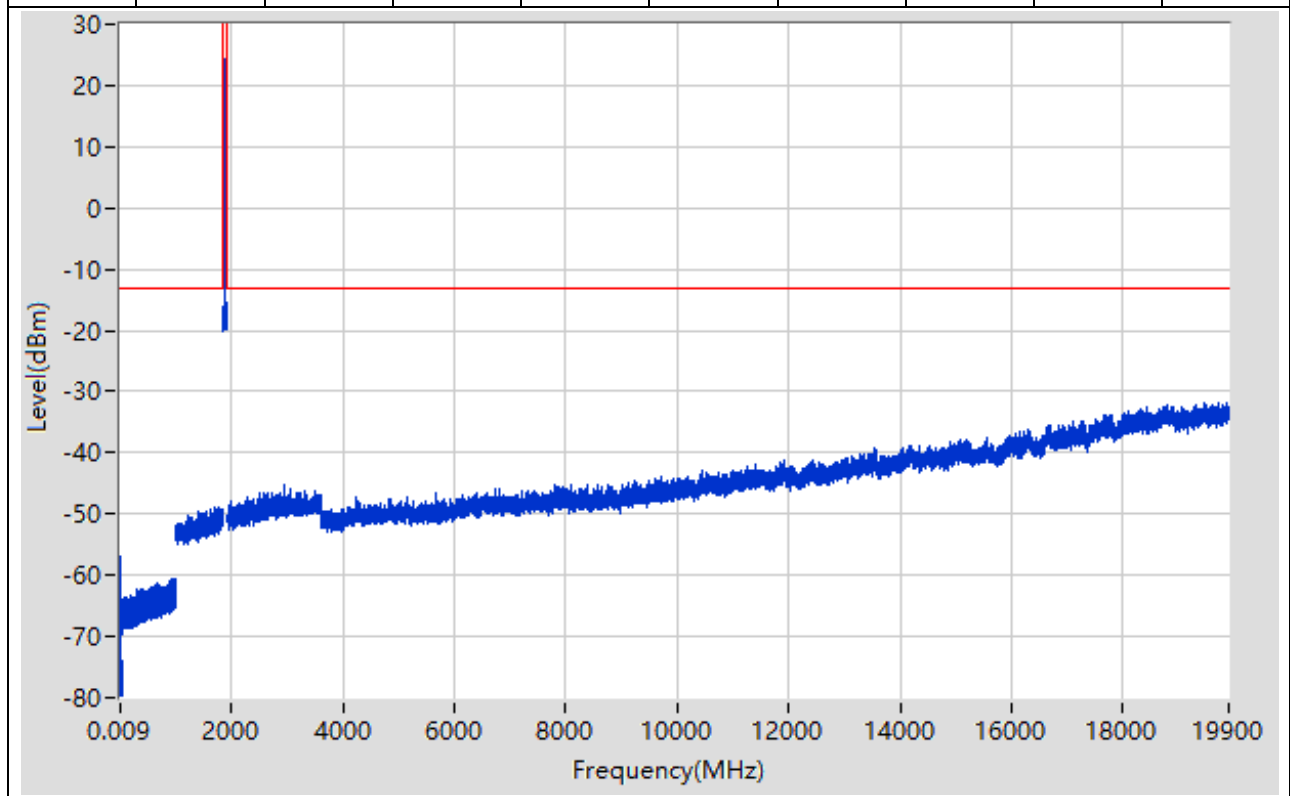
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.98      | -13         | 44.98       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.19      | -13         | 44.19       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 992.8           | -60.06      | -13         | 47.06       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1662            | -48.6       | -13         | 35.6        | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1871.5          | 25.41       | 60          | 34.59       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2953            | -46.19      | -13         | 33.19       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19849           | -31.37      | -13         | 18.37       | Pass    | 16901       |



### 1.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:19100, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

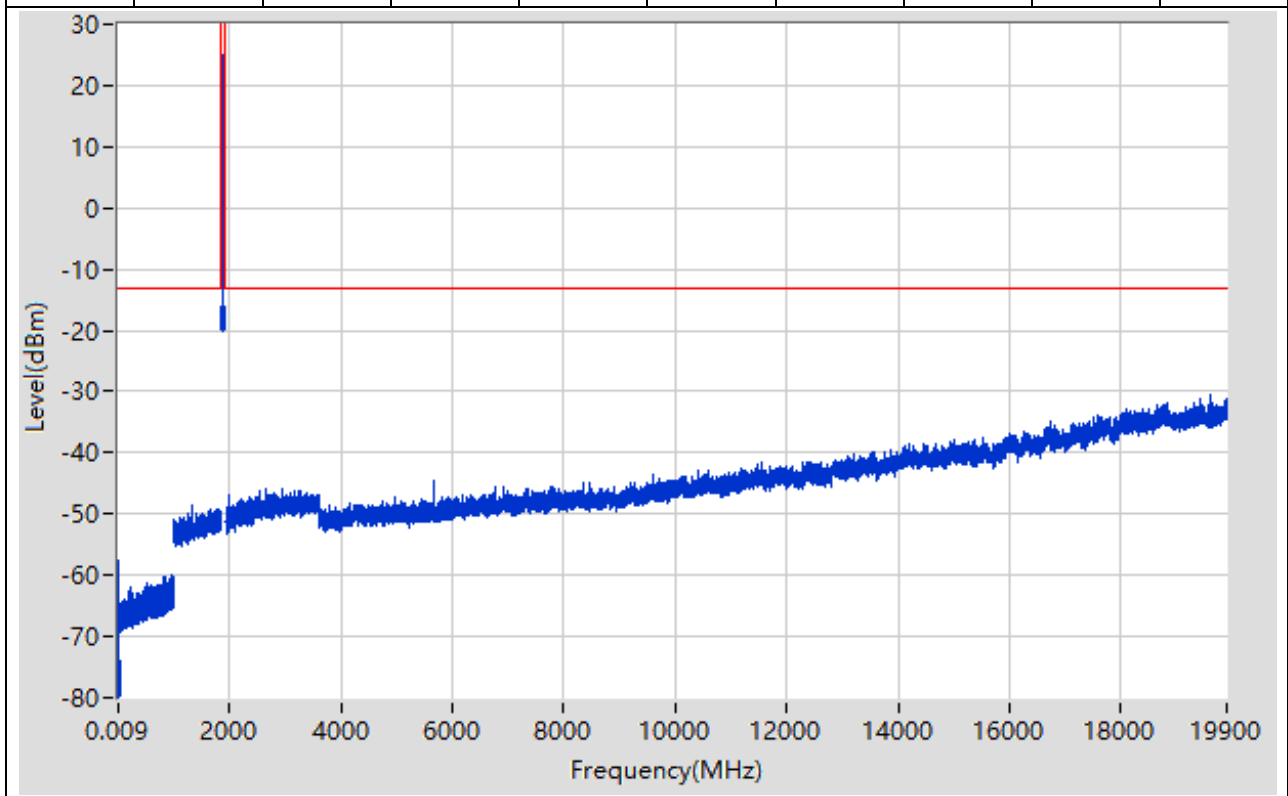
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.9       | -13         | 43.9        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.77      | -13         | 43.77       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 954.9           | -60.52      | -13         | 47.52       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1759            | -48.95      | -13         | 35.95       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1892.25         | 24.42       | 60          | 35.58       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2956            | -45.31      | -13         | 32.31       | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19731           | -31.81      | -13         | 18.81       | Pass    | 16901       |



#### 1.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:19100, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

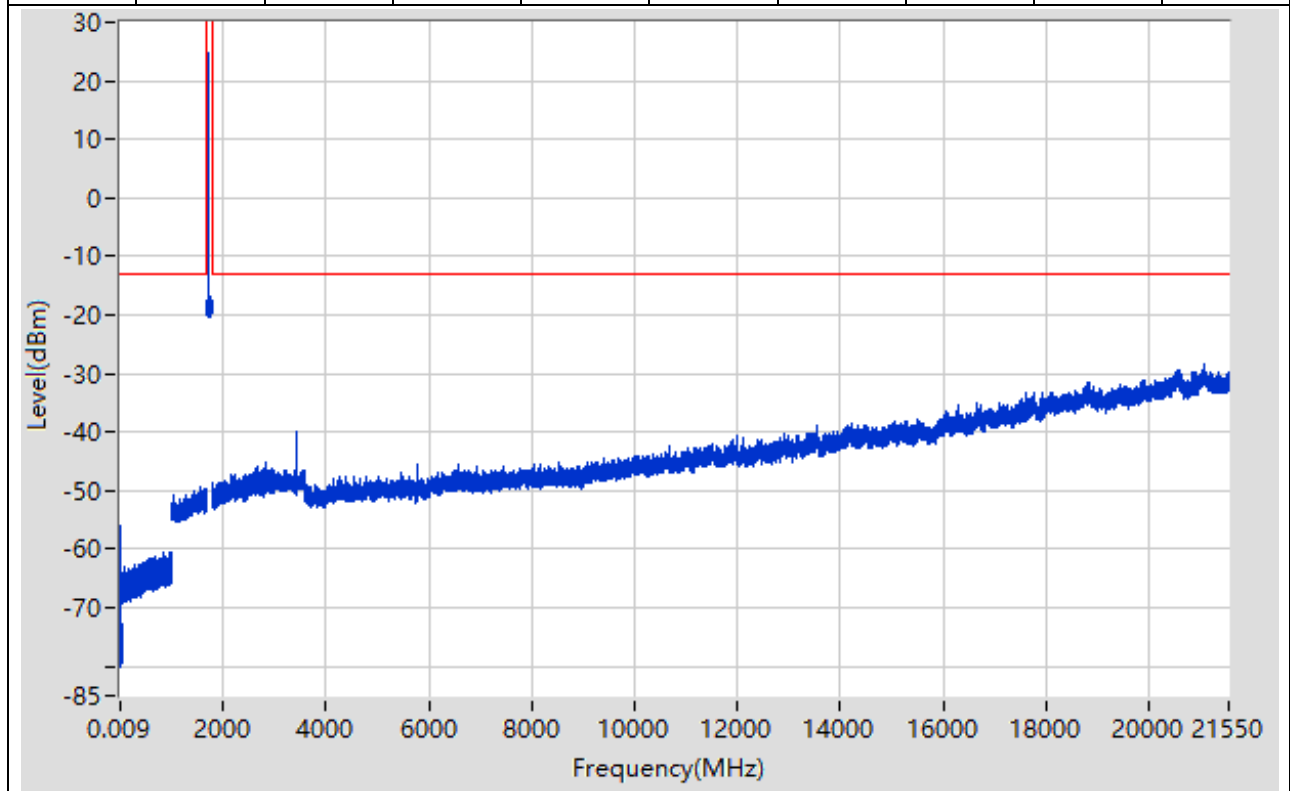
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.72      | -13         | 44.72       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.69      | -13         | 45.69       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 970.1           | -60.03      | -13         | 47.03       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1326            | -48.44      | -13         | 35.44       | Pass    | 831         |
| 1830                  | 1930                 | 1         | RMS      | 1892.25         | 24.91       | 60          | 35.09       | Pass    | 401         |
| 1930                  | 3000                 | 1         | RMS      | 2643            | -45.8       | -13         | 32.8        | Pass    | 1071        |
| 3000                  | 19900                | 1         | RMS      | 19611           | -30.42      | -13         | 17.42       | Pass    | 16901       |



## 2. Cat-M\_Band4

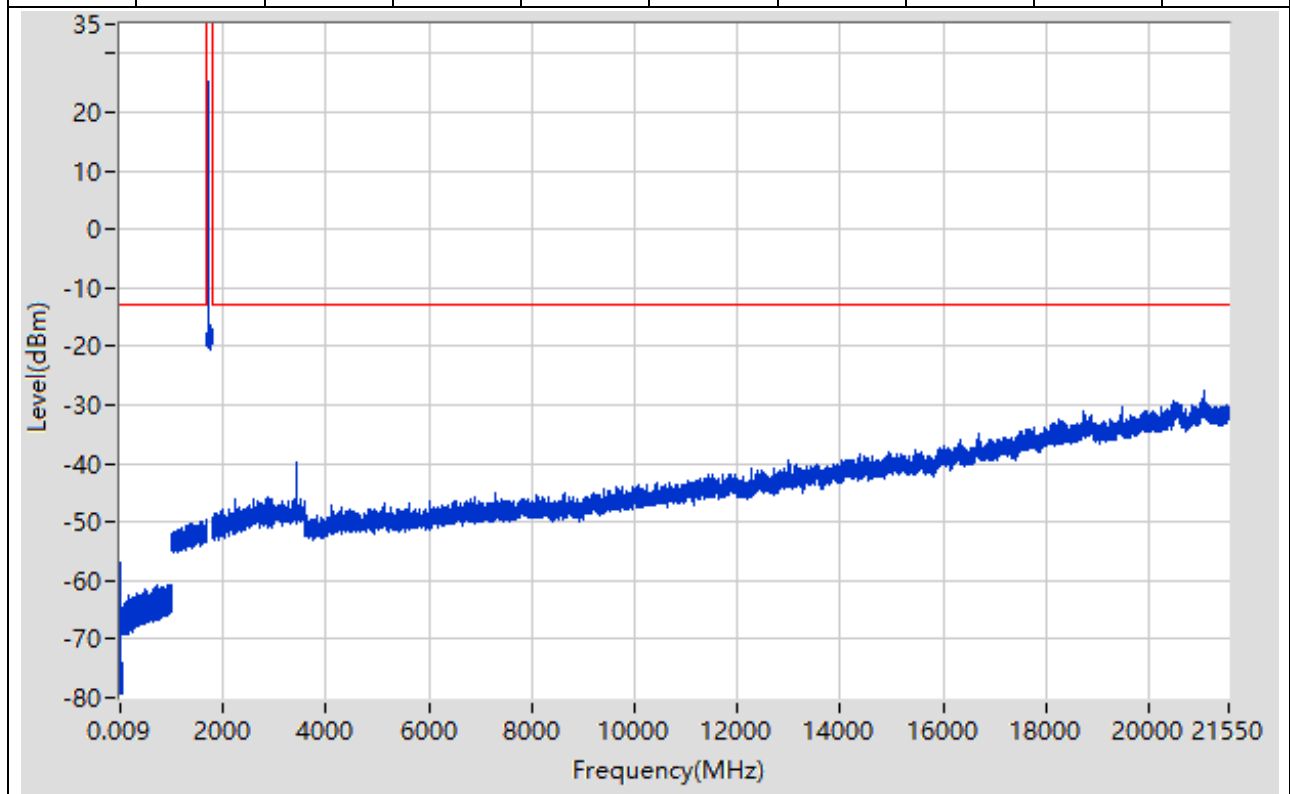
**2.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:19975, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.97      | -13         | 42.97       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.01      | -13         | 45.01       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 949.2           | -60.5       | -13         | 47.5        | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1568            | -49.46      | -13         | 36.46       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1710.4          | 24.87       | 60          | 35.13       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2822            | -45.28      | -13         | 32.28       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21069           | -28.29      | -13         | 15.29       | Pass    | 18551       |



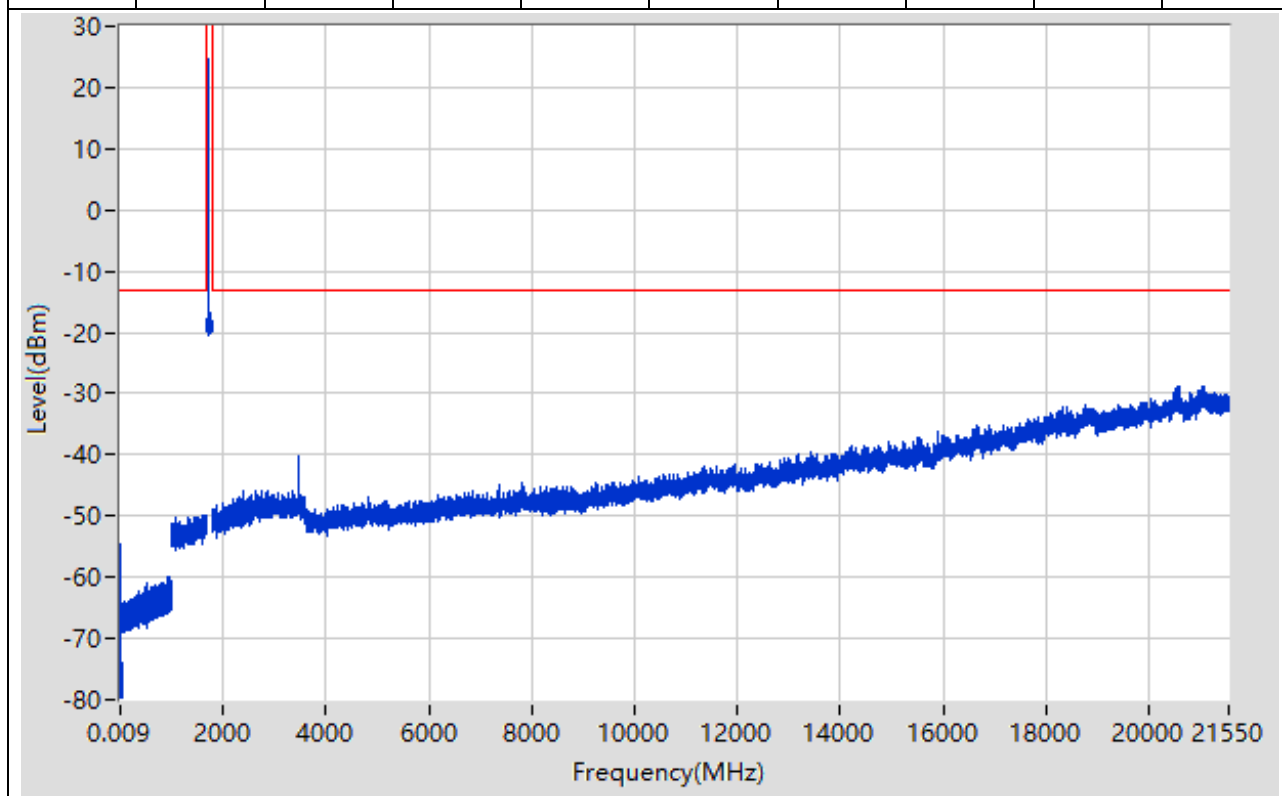
## 2.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:19975, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.78      | -13         | 43.78       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.1       | -13         | 44.1        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 948.1           | -60.6       | -13         | 47.6        | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1690            | -49.6       | -13         | 36.6        | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1710.4          | 25.24       | 60          | 34.76       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2858            | -45.84      | -13         | 32.84       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21086           | -27.42      | -13         | 14.42       | Pass    | 18551       |



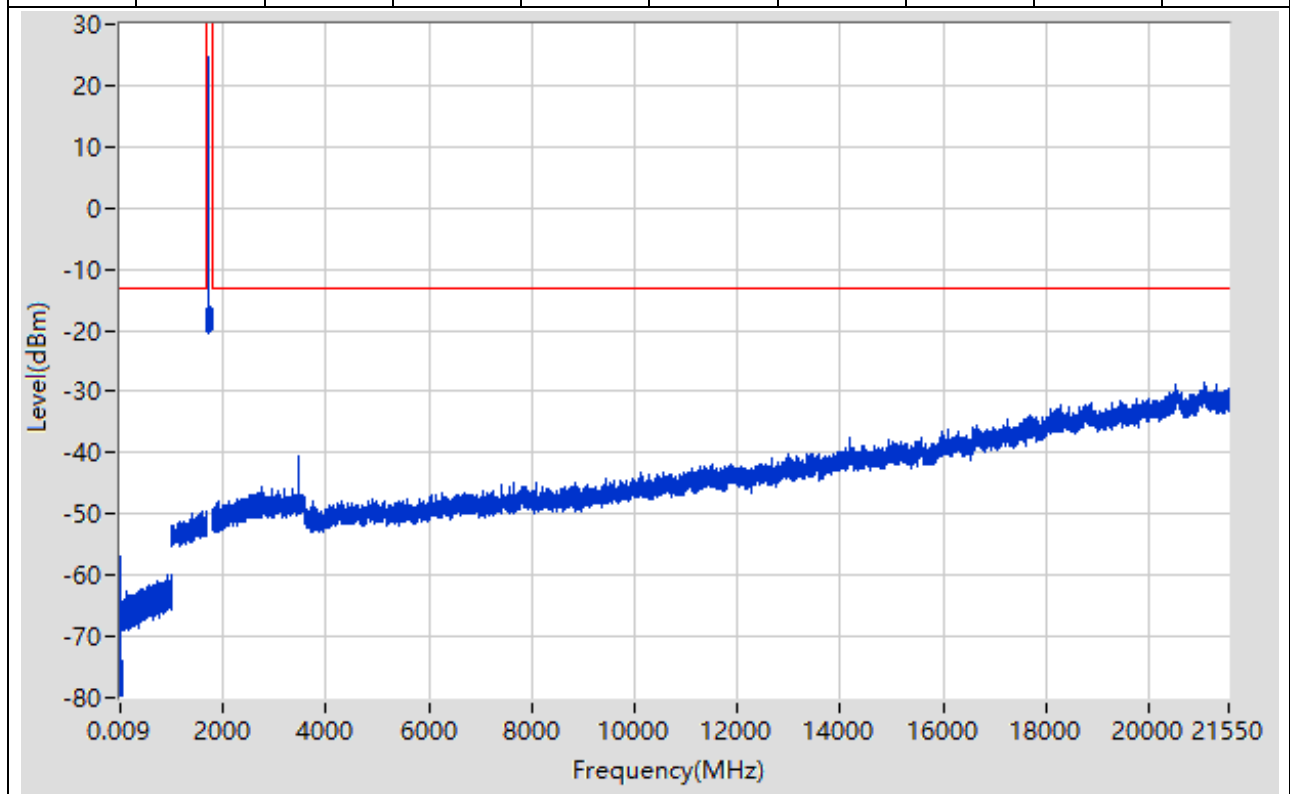
### 2.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:20175, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.75      | -13         | 41.75       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.34      | -13         | 45.34       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 928.6           | -59.86      | -13         | 46.86       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1612            | -49.74      | -13         | 36.74       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1730.375        | 24.72       | 60          | 35.28       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2763            | -45.85      | -13         | 32.85       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21060           | -28.7       | -13         | 15.7        | Pass    | 18551       |



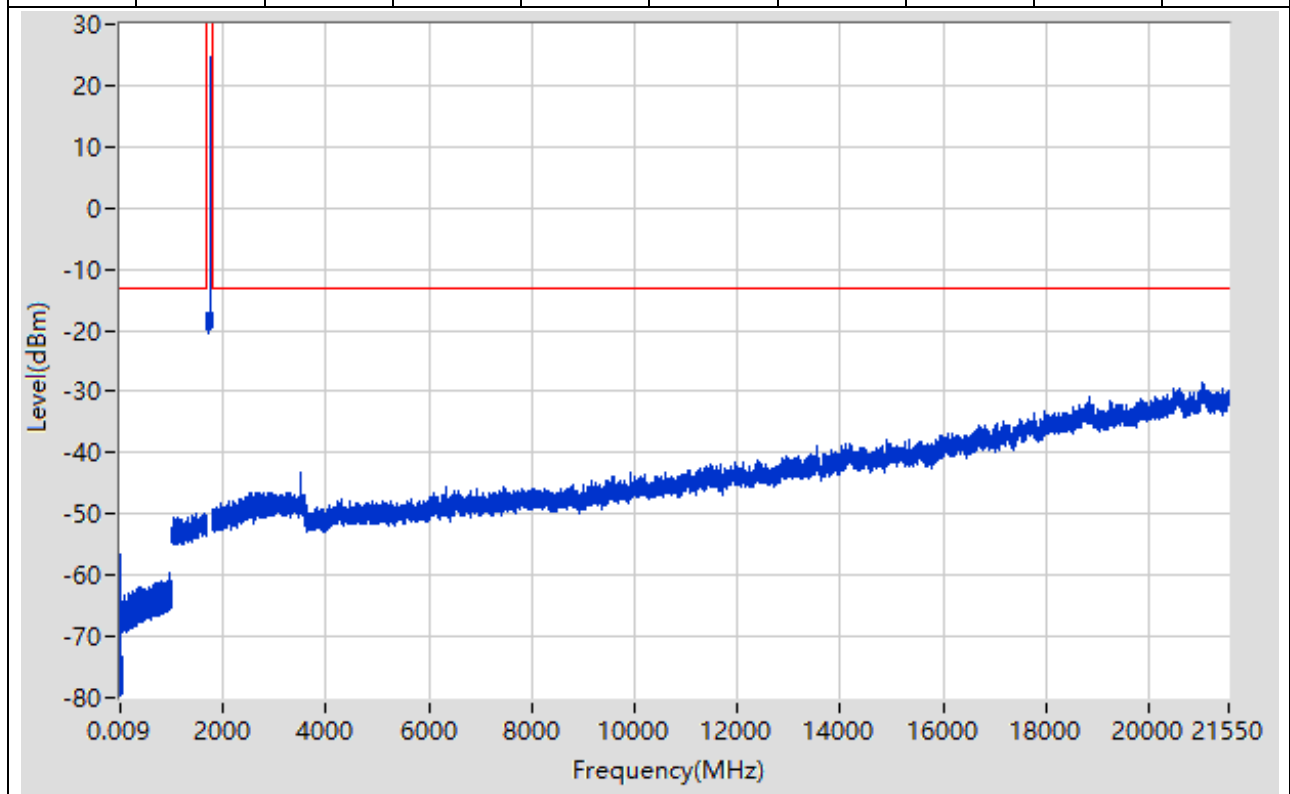
**2.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:20175, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.99      | -13         | 43.99       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.06      | -13         | 46.06       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 908             | -59.84      | -13         | 46.84       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1579            | -49.45      | -13         | 36.45       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1730.375        | 24.8        | 60          | 35.2        | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2735            | -45.65      | -13         | 32.65       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21085           | -28.66      | -13         | 15.66       | Pass    | 18551       |



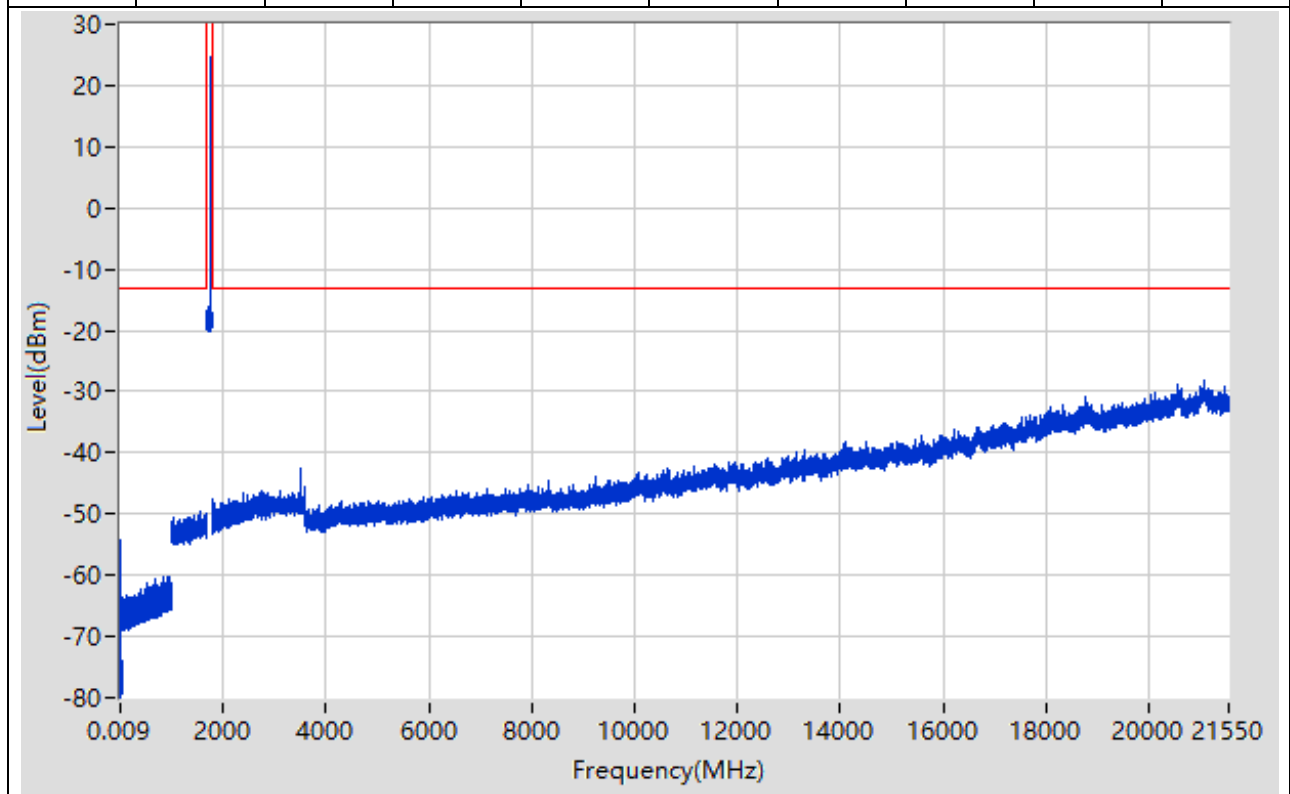
**2.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:20375, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -56.46      | -13         | 43.46       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.75      | -13         | 43.75       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 947.4           | -59.57      | -13         | 46.57       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1641            | -49.82      | -13         | 36.82       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1751.2          | 24.71       | 60          | 35.29       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2691            | -46.52      | -13         | 33.52       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21051           | -28.52      | -13         | 15.52       | Pass    | 18551       |



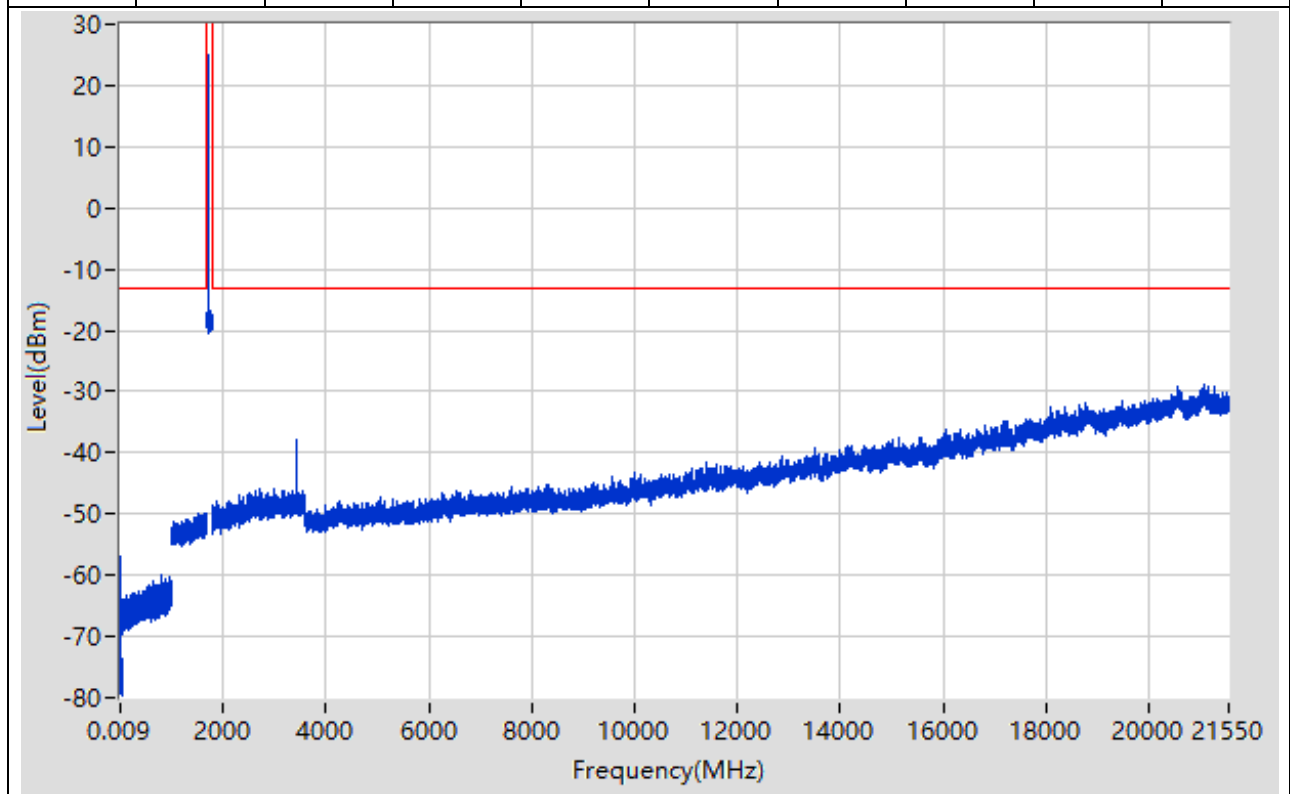
**2.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:20375, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -54.1       | -13         | 41.1        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -59.81      | -13         | 46.81       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 846.4           | -60.24      | -13         | 47.24       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1546            | -49.5       | -13         | 36.5        | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1751.2          | 24.77       | 60          | 35.23       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2747            | -46.38      | -13         | 33.38       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21072           | -28.31      | -13         | 15.31       | Pass    | 18551       |



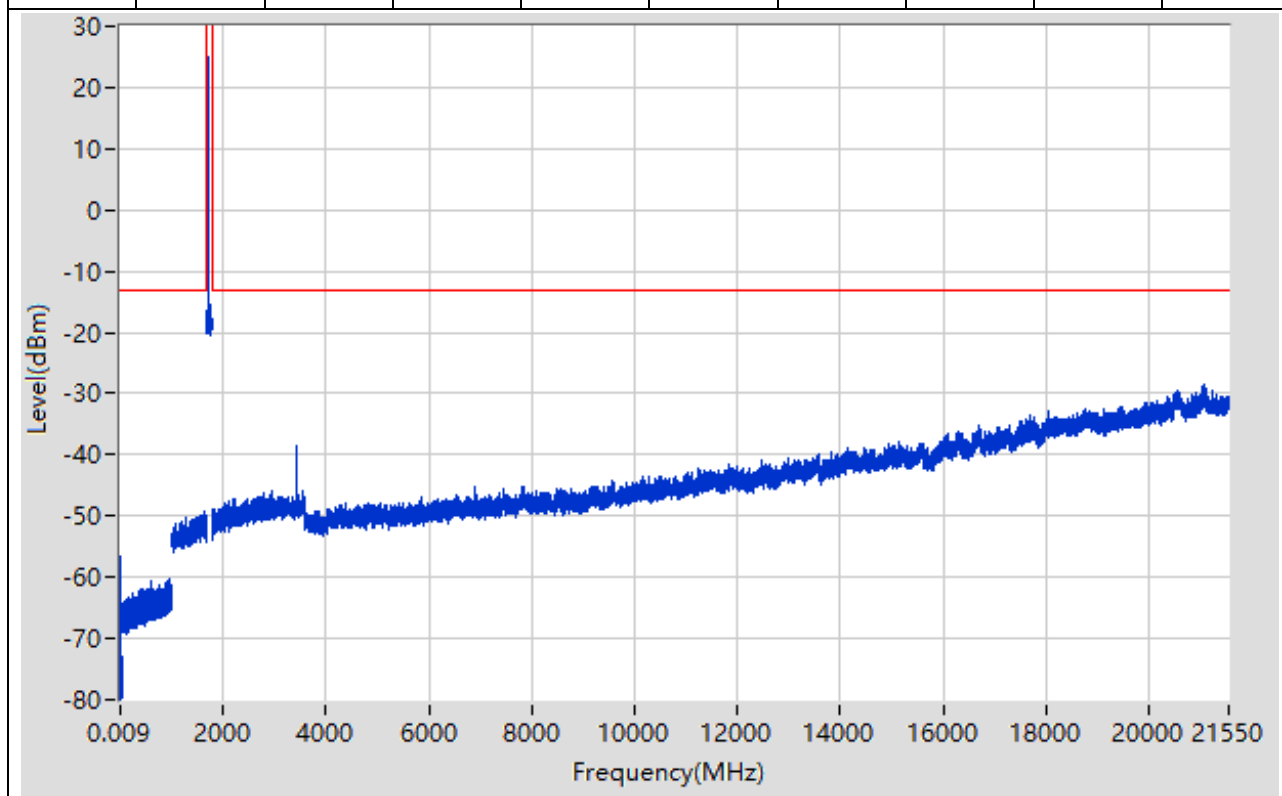
**2.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:20000, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.05      | -13         | 44.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.46      | -13         | 45.46       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 806.5           | -59.82      | -13         | 46.82       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1508            | -49.96      | -13         | 36.96       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1710.825        | 24.99       | 60          | 35.01       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2724            | -46         | -13         | 33          | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21074           | -29.01      | -13         | 16.01       | Pass    | 18551       |



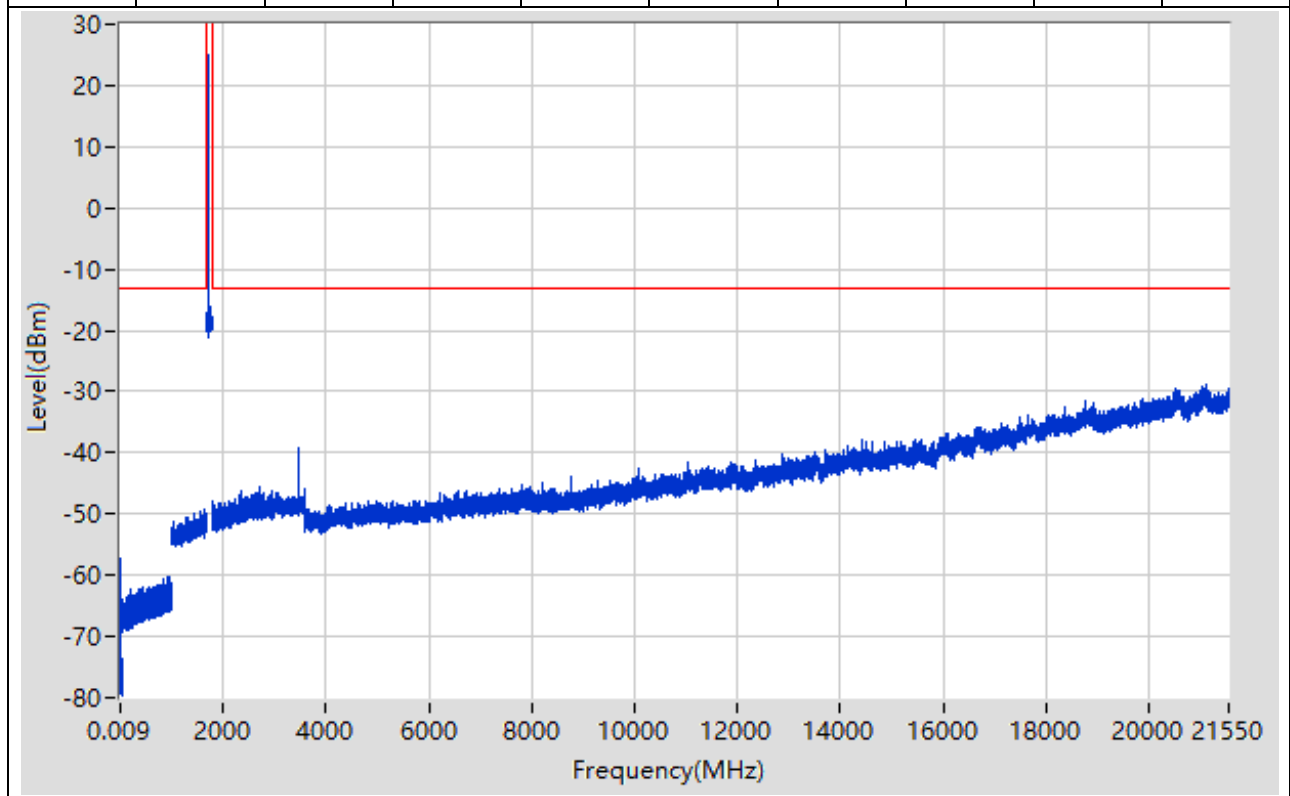
**2.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:20000, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -56.67      | -13         | 43.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.07      | -13         | 47.07       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 950.8           | -60.3       | -13         | 47.3        | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1620            | -49.3       | -13         | 36.3        | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1710.613        | 24.88       | 60          | 35.12       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2956            | -45.8       | -13         | 32.8        | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21084           | -28.56      | -13         | 15.56       | Pass    | 18551       |



**2.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:20175, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

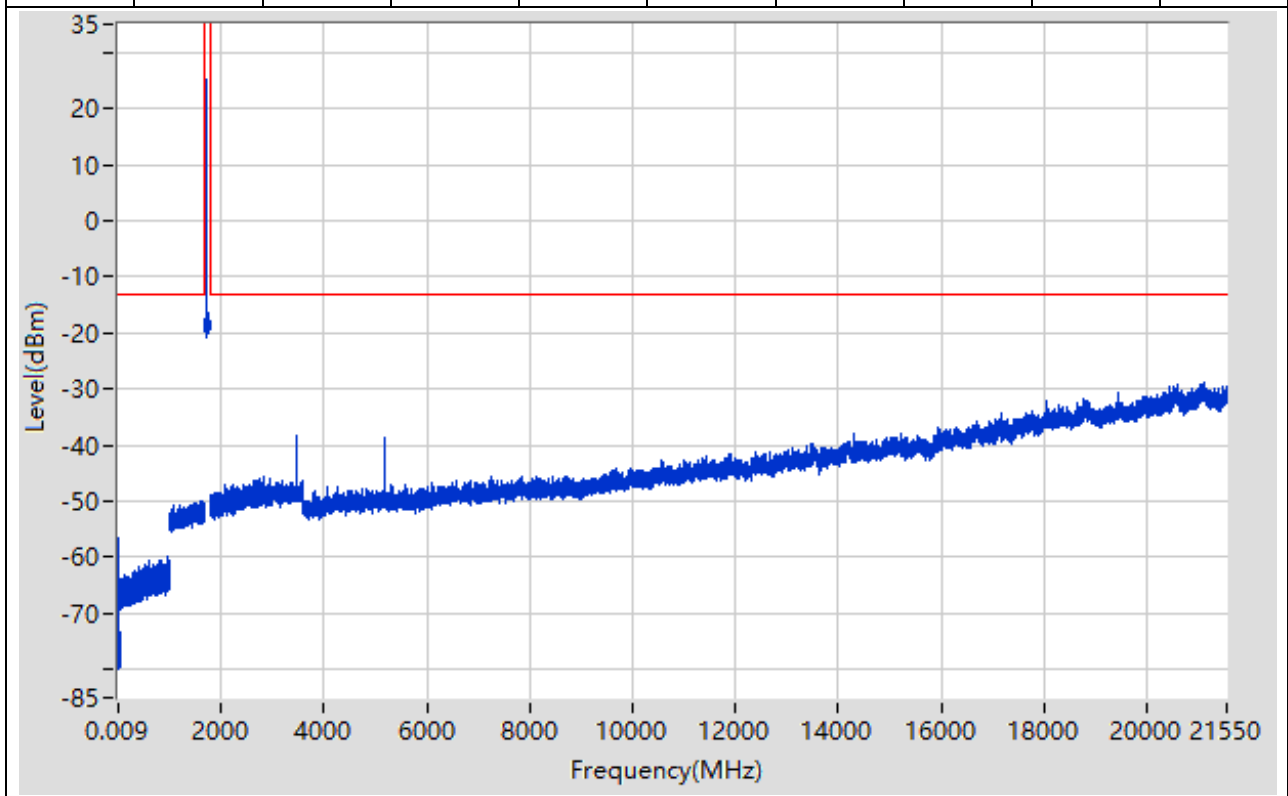
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.33      | -13         | 44.33       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.83      | -13         | 46.83       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 974.4           | -60.17      | -13         | 47.17       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1645            | -49.18      | -13         | 36.18       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1728.25         | 24.94       | 60          | 35.06       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2706            | -45.61      | -13         | 32.61       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21110           | -28.74      | -13         | 15.74       | Pass    | 18551       |



## 2.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:20175, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

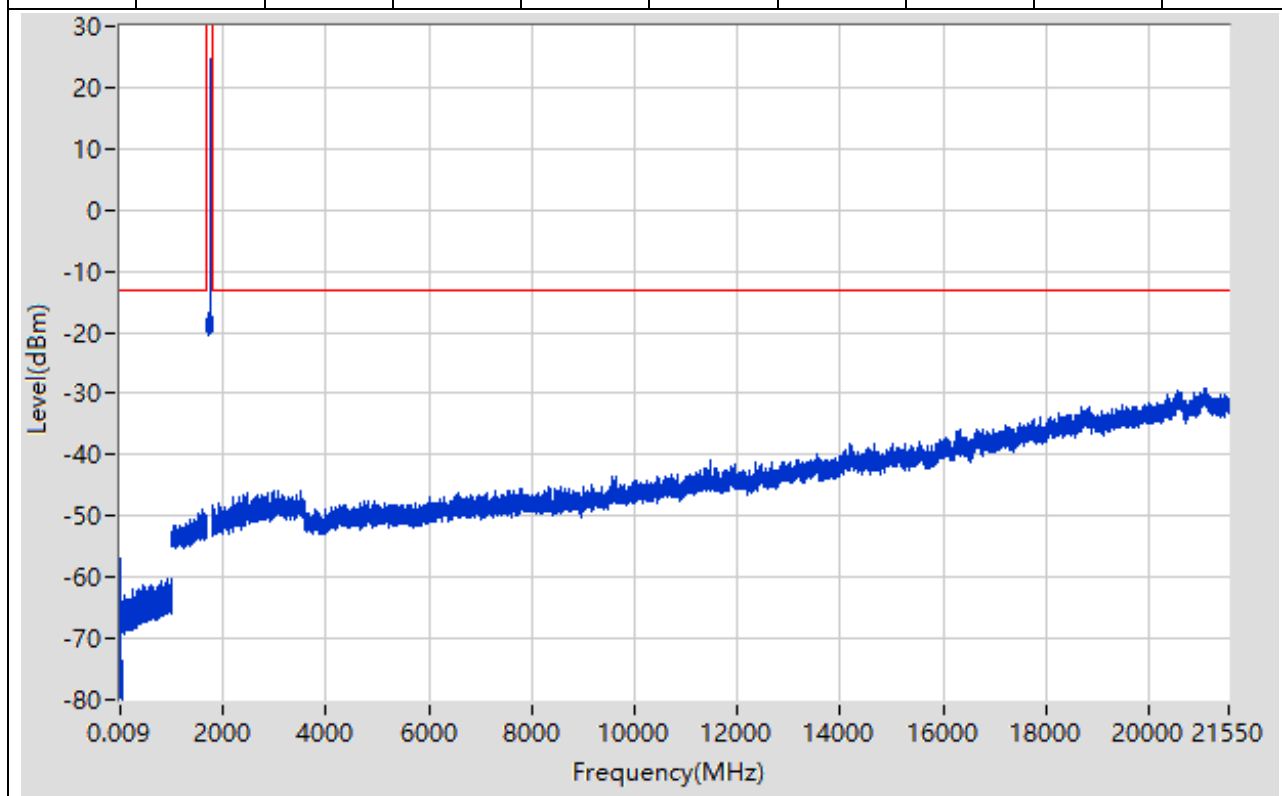
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.73      | -13         | 43.73       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.89      | -13         | 45.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 954.6           | -59.93      | -13         | 46.93       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1594            | -49.92      | -13         | 36.92       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1728.25         | 25.3        | 60          | 34.7        | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2838            | -45.54      | -13         | 32.54       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21093           | -28.99      | -13         | 15.99       | Pass    | 18551       |



## 2.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:20350, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

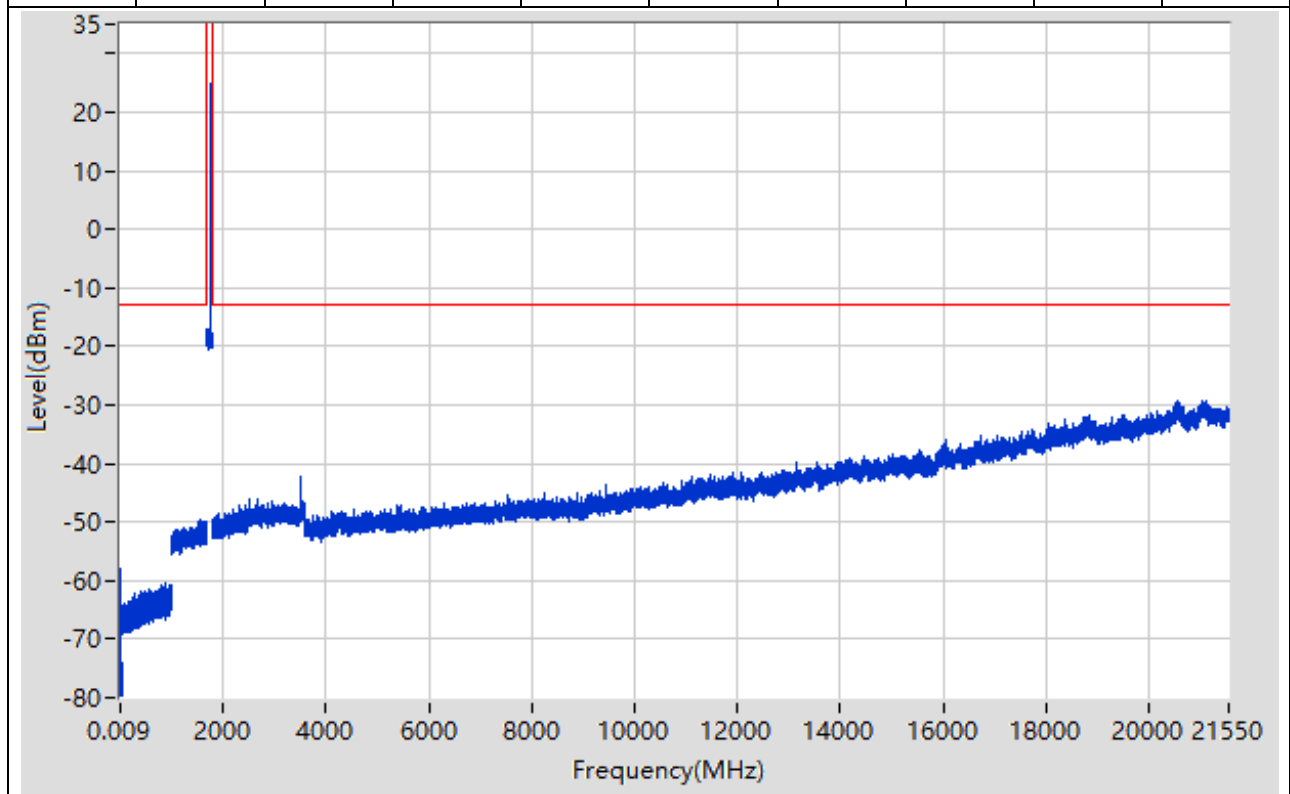
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -56.9       | -13         | 43.9        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.63      | -13         | 45.63       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 978.1           | -60.33      | -13         | 47.33       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1611            | -48.87      | -13         | 35.87       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1746.738        | 24.67       | 60          | 35.33       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2987            | -46.05      | -13         | 33.05       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21093           | -29.04      | -13         | 16.04       | Pass    | 18551       |



## 2.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:20350, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

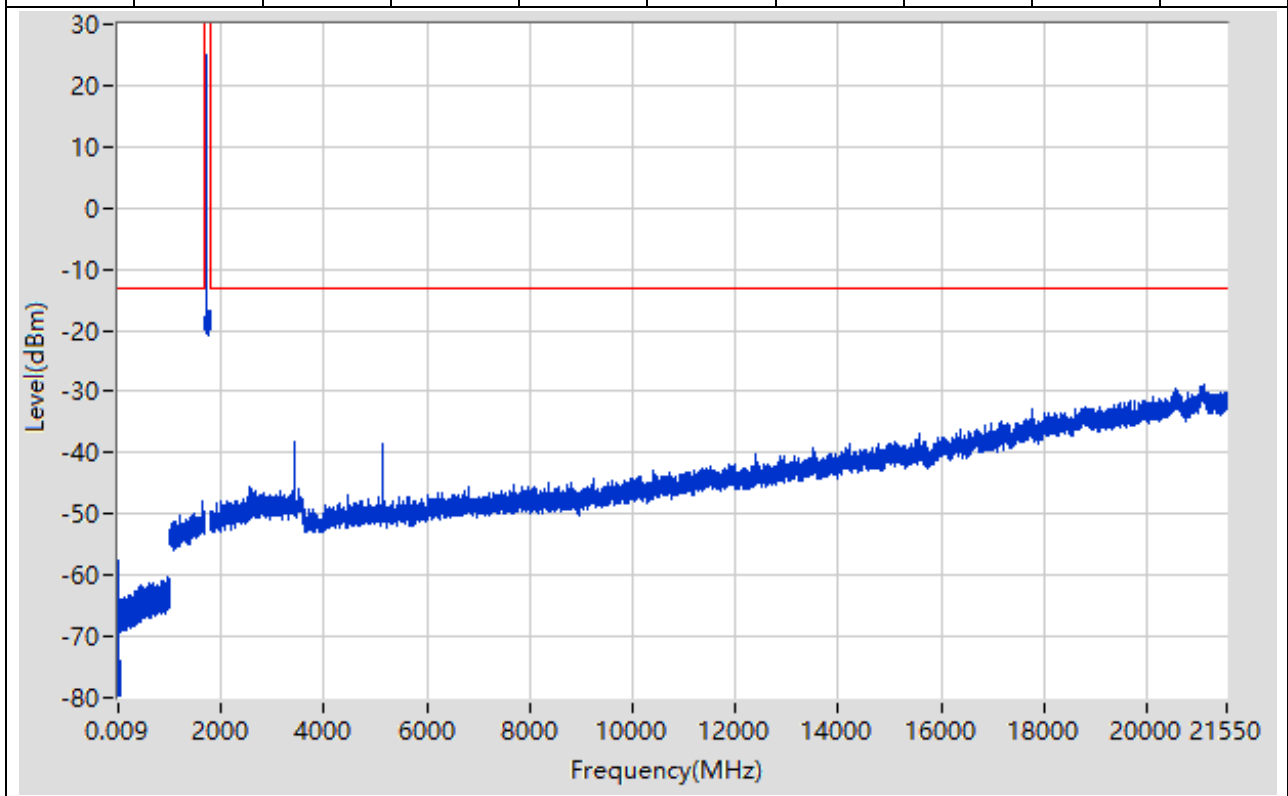
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.91      | -13         | 44.91       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.76      | -13         | 45.76       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 884.5           | -60.56      | -13         | 47.56       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1541            | -49.52      | -13         | 36.52       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1746.525        | 25.03       | 60          | 34.97       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2521            | -45.98      | -13         | 32.98       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21035           | -29.34      | -13         | 16.34       | Pass    | 18551       |



### 2.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:20025, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

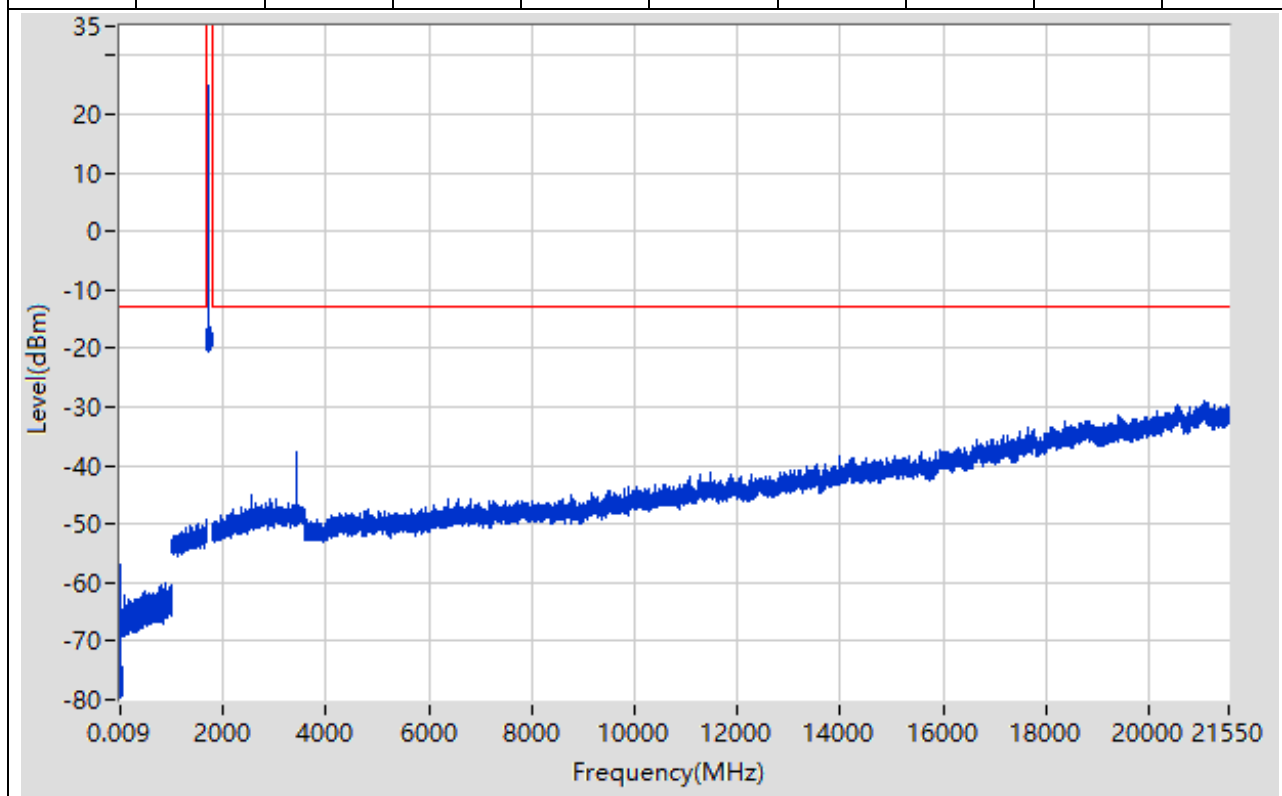
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.7       | -13         | 44.7        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.96      | -13         | 45.96       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 961.9           | -60.29      | -13         | 47.29       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1639            | -48.06      | -13         | 35.06       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1711.25         | 24.96       | 60          | 35.04       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2549            | -45.72      | -13         | 32.72       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21111           | -28.75      | -13         | 15.75       | Pass    | 18551       |



## 2.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:20025, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

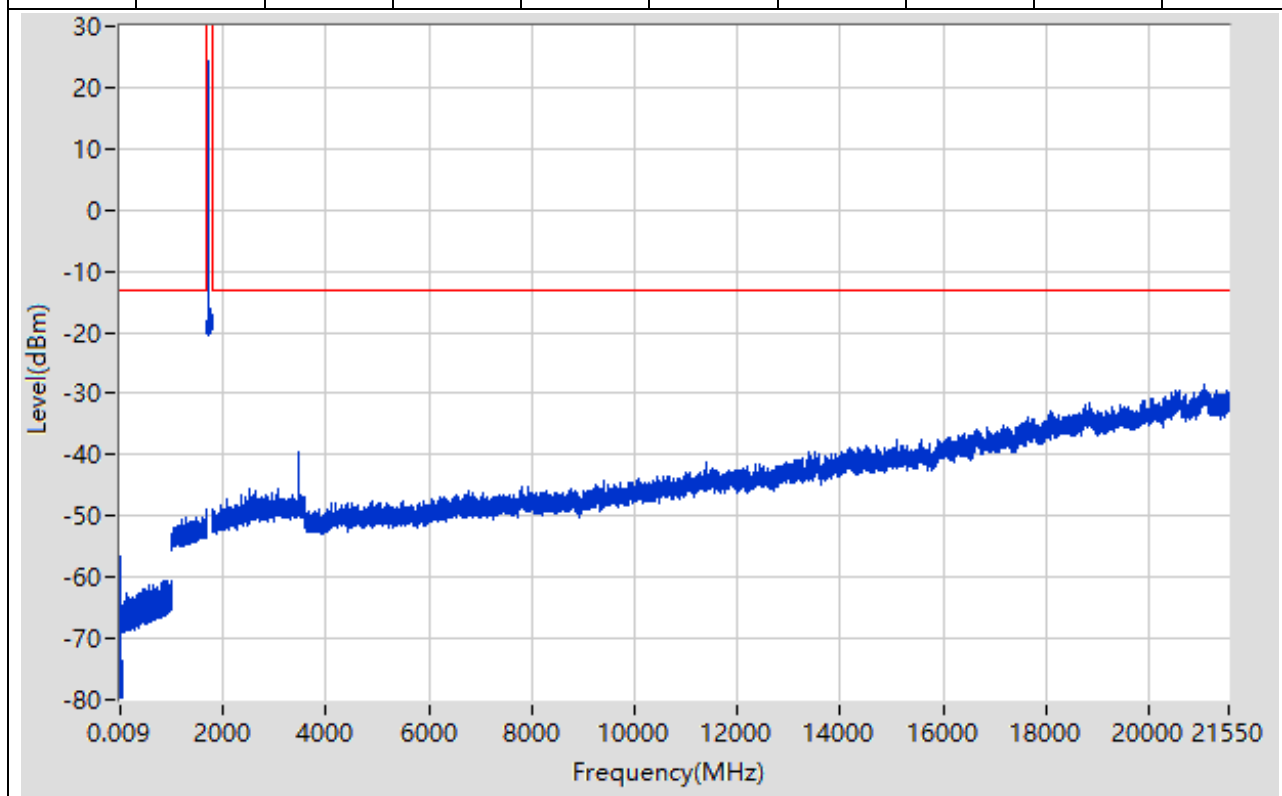
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57         | -13         | 44          | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.52      | -13         | 45.52       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 870.4           | -60.2       | -13         | 47.2        | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1686            | -49.11      | -13         | 36.11       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1710.825        | 25.03       | 60          | 34.97       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2564            | -45.07      | -13         | 32.07       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21070           | -29.03      | -13         | 16.03       | Pass    | 18551       |



## 2.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:20175, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

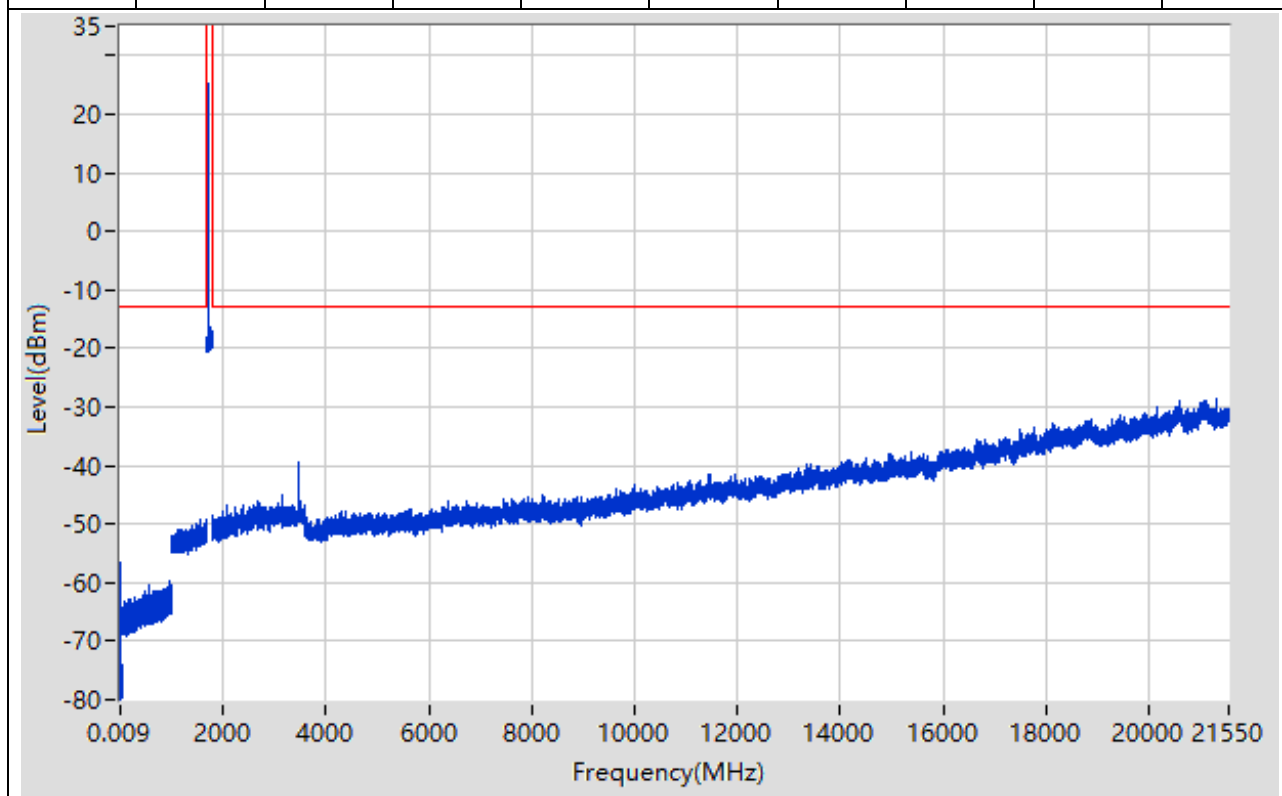
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.45      | -13         | 43.45       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.6       | -13         | 45.6        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 911.5           | -60.65      | -13         | 47.65       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1662            | -48.95      | -13         | 35.95       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1725.913        | 24.16       | 60          | 35.84       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2497            | -45.45      | -13         | 32.45       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21066           | -28.62      | -13         | 15.62       | Pass    | 18551       |



## 2.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:20175, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

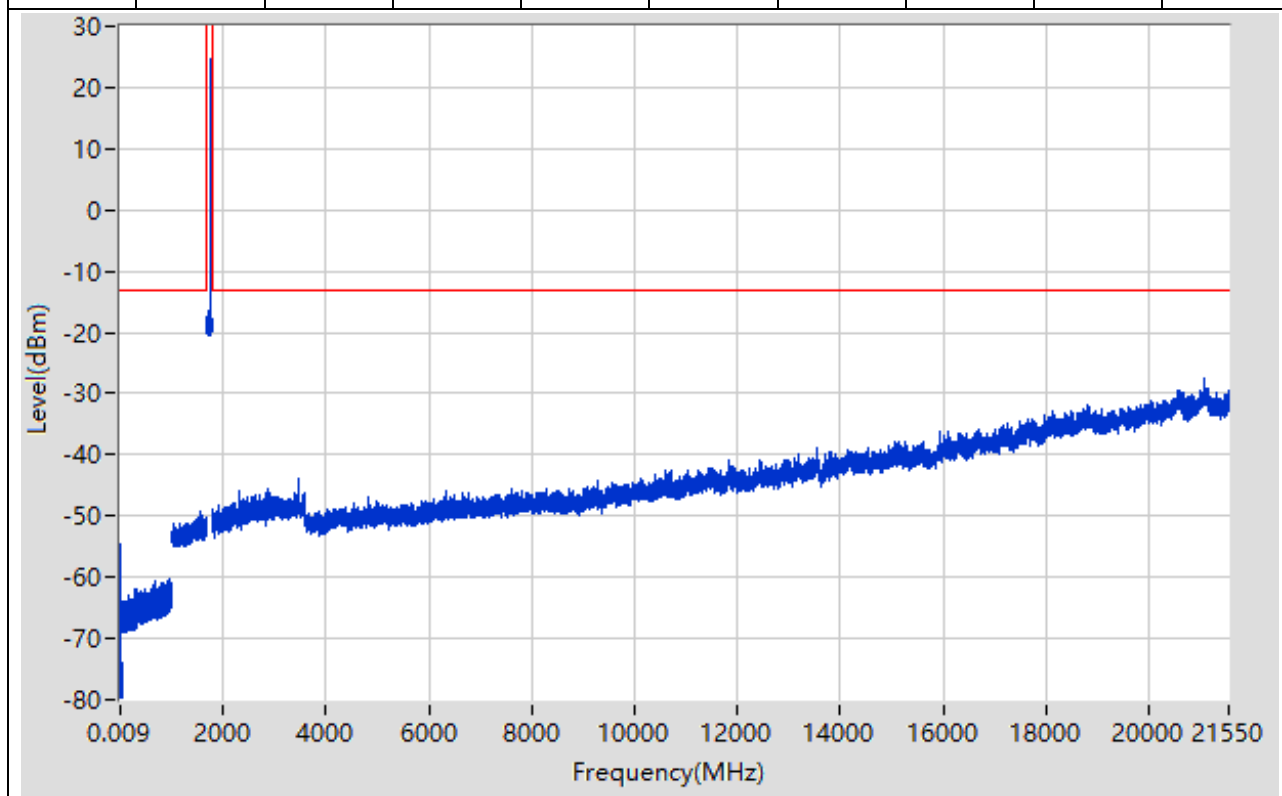
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.43      | -13         | 43.43       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.33      | -13         | 45.33       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 965.1           | -59.72      | -13         | 46.72       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1682            | -49.22      | -13         | 36.22       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1725.913        | 25.1        | 60          | 34.9        | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2678            | -46.16      | -13         | 33.16       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21313           | -28.6       | -13         | 15.6        | Pass    | 18551       |



## 2.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:20325, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

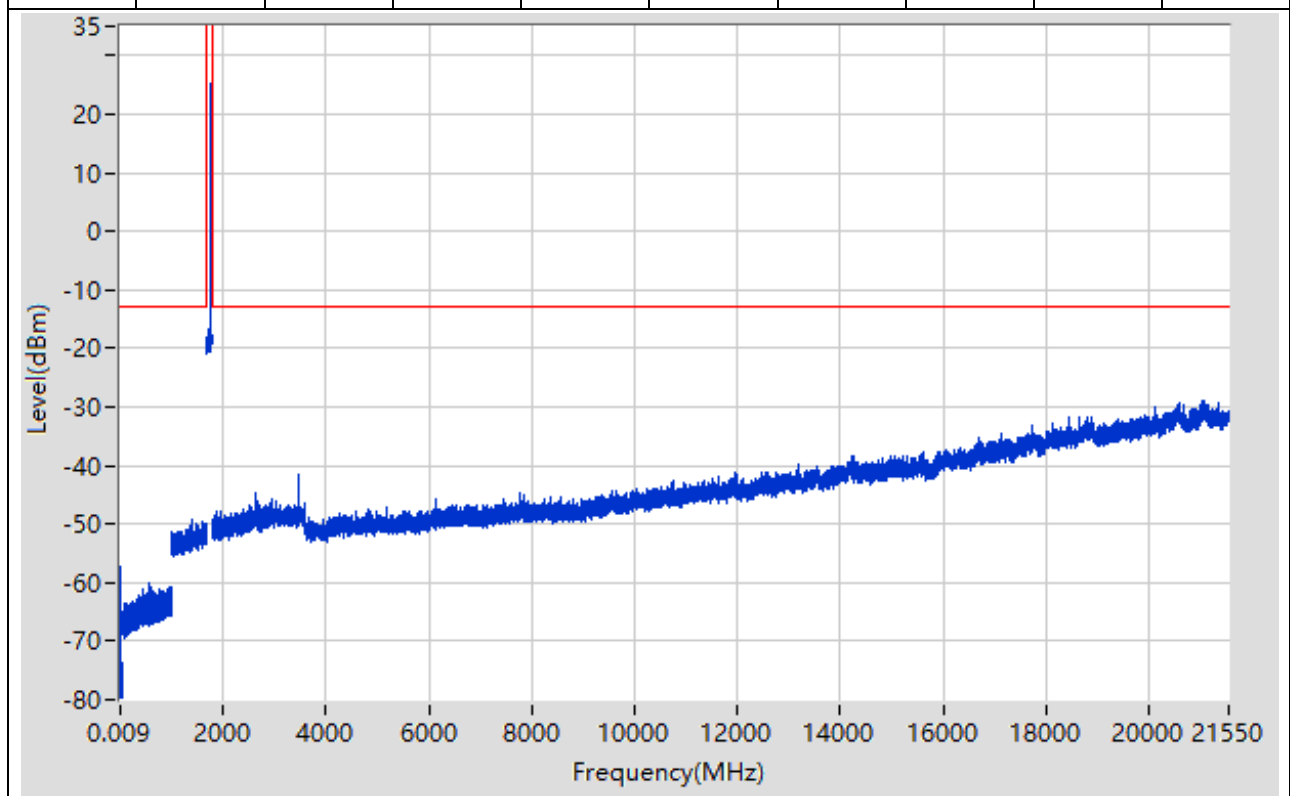
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.47      | -13         | 41.47       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.93      | -13         | 45.93       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 944.2           | -60.34      | -13         | 47.34       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1537            | -49.31      | -13         | 36.31       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1741.85         | 24.67       | 60          | 35.33       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2854            | -45.67      | -13         | 32.67       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21088           | -27.62      | -13         | 14.62       | Pass    | 18551       |



## 2.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:20325, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

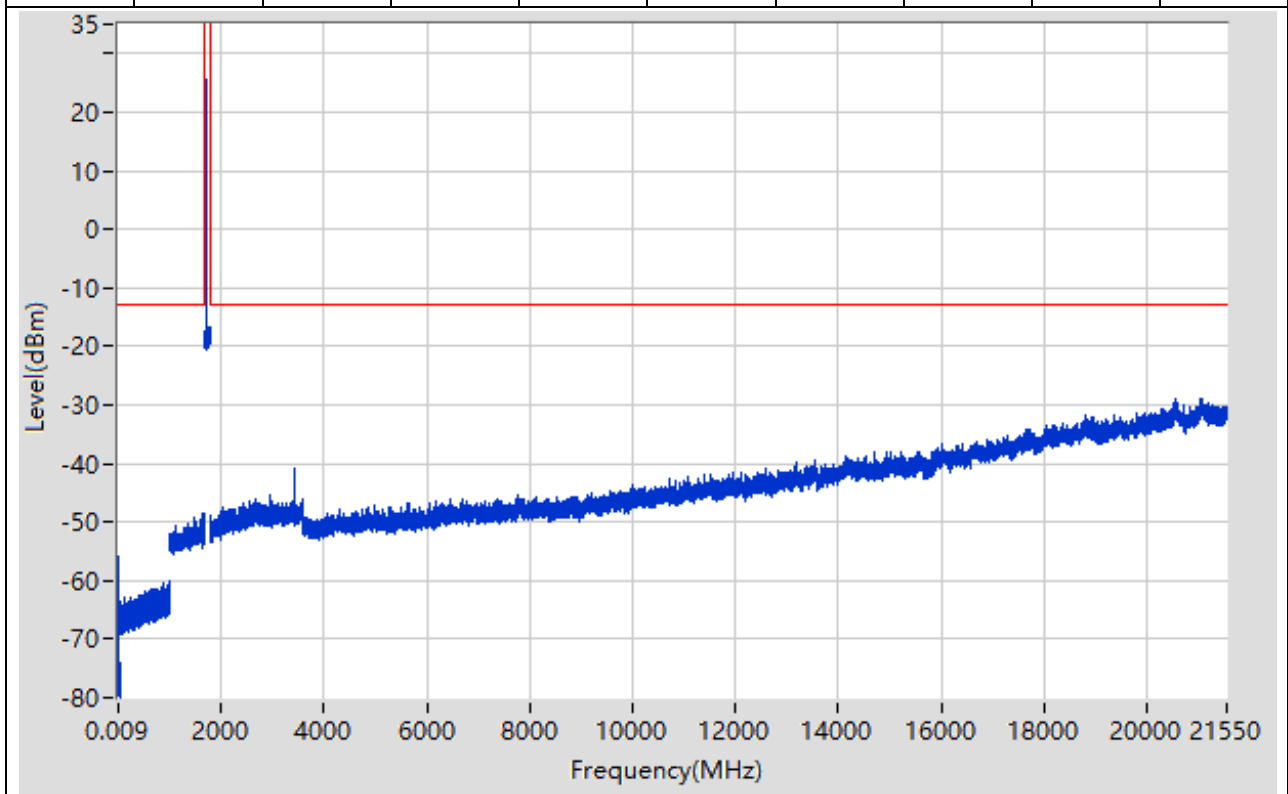
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -57.12      | -13         | 44.12       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.05      | -13         | 45.05       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 559.3           | -60.09      | -13         | 47.09       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1400            | -49.4       | -13         | 36.4        | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1741.85         | 25.28       | 60          | 34.72       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2615            | -44.65      | -13         | 31.65       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21052           | -28.92      | -13         | 15.92       | Pass    | 18551       |



## 2.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:20050, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

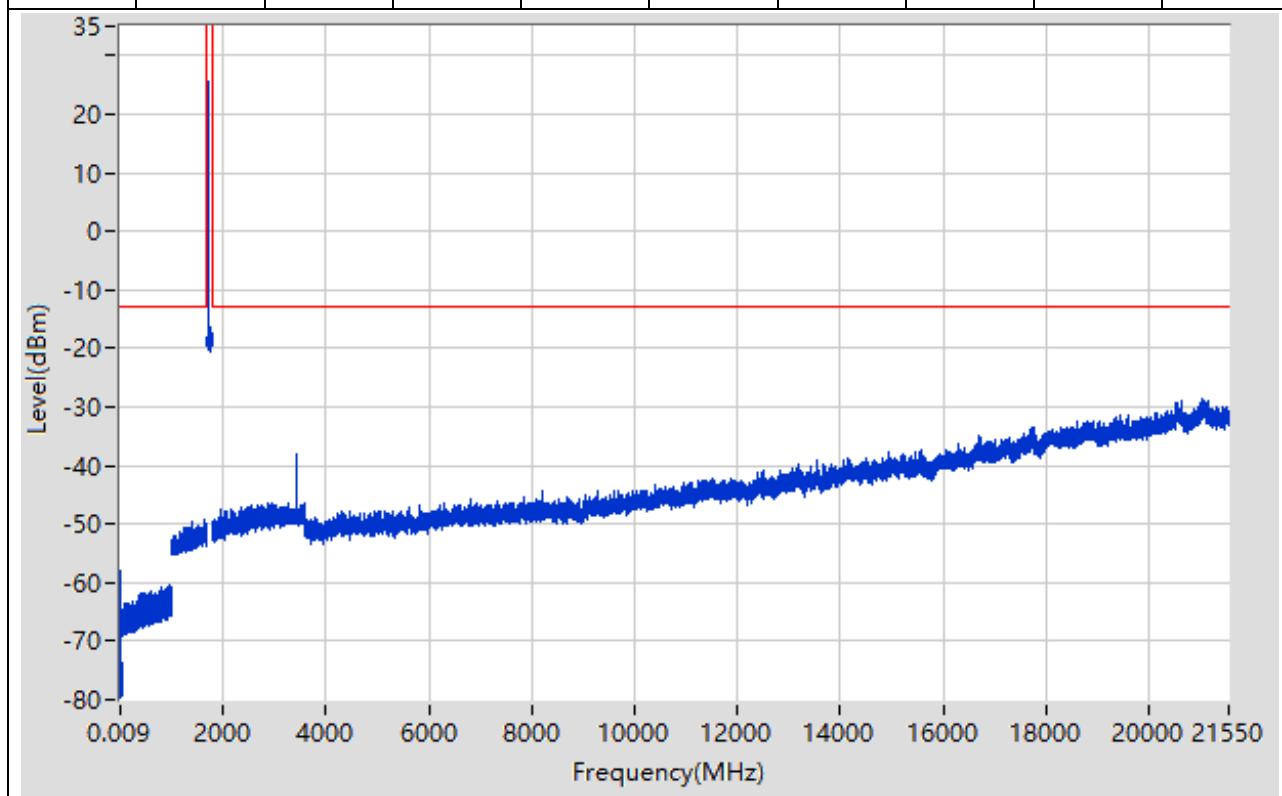
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.88      | -13         | 42.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.5       | -13         | 45.5        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 981.9           | -60.11      | -13         | 47.11       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1687            | -48.67      | -13         | 35.67       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1711.463        | 25.4        | 60          | 34.6        | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2951            | -45.3       | -13         | 32.3        | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21021           | -28.88      | -13         | 15.88       | Pass    | 18551       |



## 2.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:20050, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

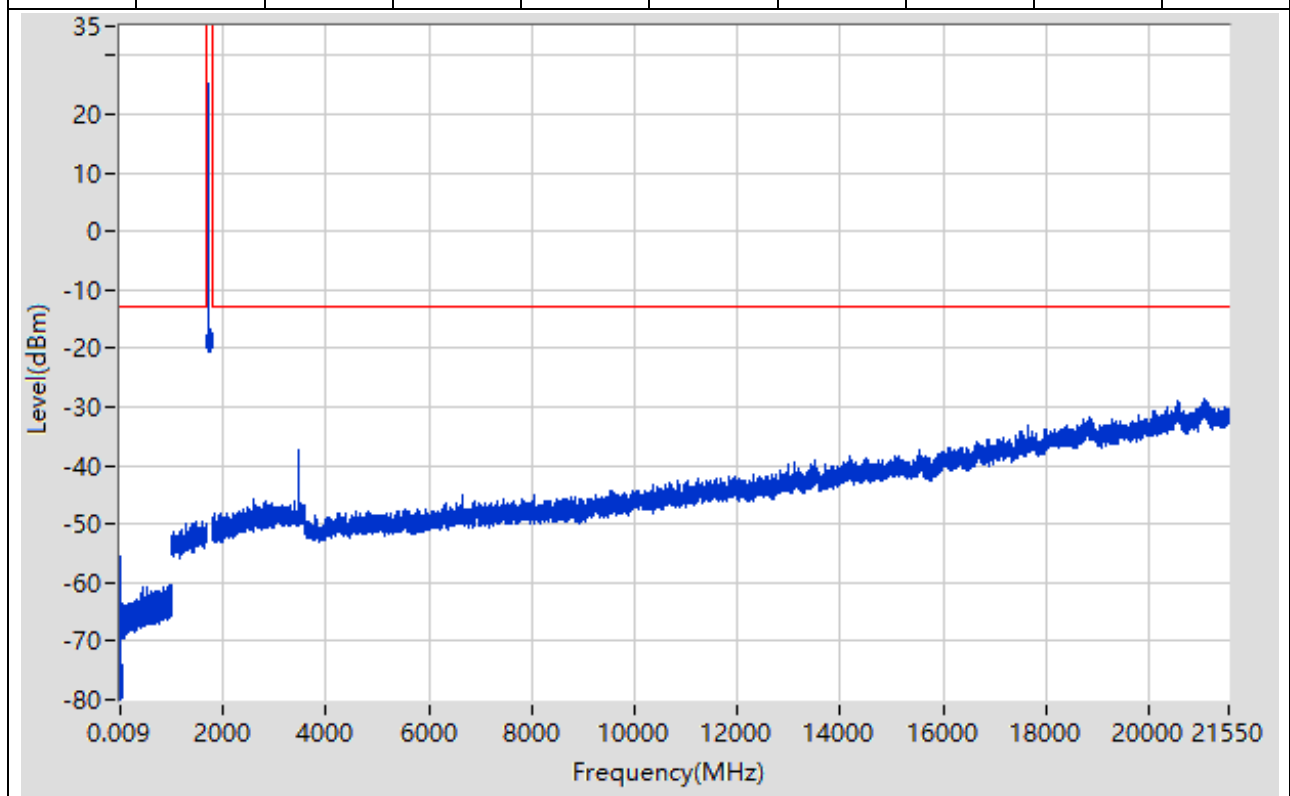
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.95      | -13         | 44.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.42      | -13         | 46.42       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 950.7           | -60.4       | -13         | 47.4        | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1622            | -49.14      | -13         | 36.14       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1711.463        | 25.62       | 60          | 34.38       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2960            | -46.47      | -13         | 33.47       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21045           | -28.47      | -13         | 15.47       | Pass    | 18551       |



## 2.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:20175, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

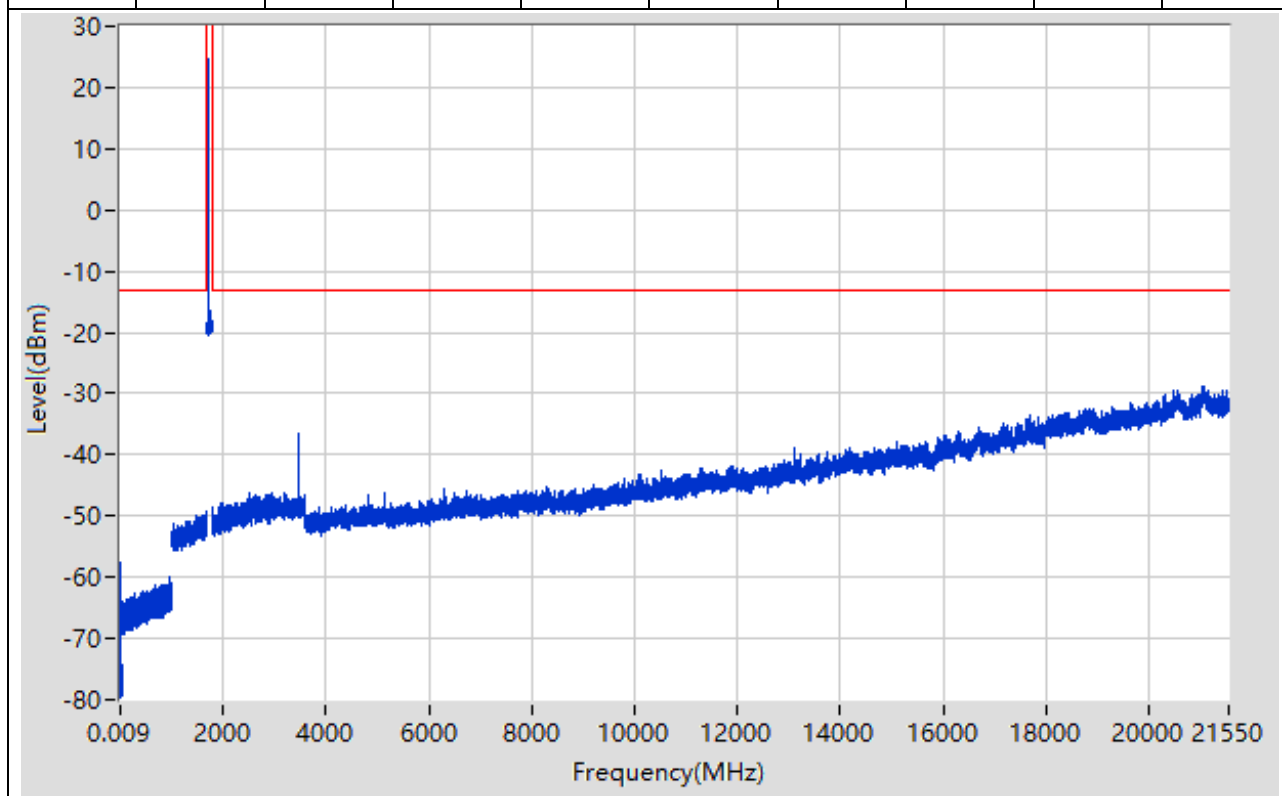
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.67      | -13         | 42.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -59.34      | -13         | 46.34       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 976.6           | -60.35      | -13         | 47.35       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1612            | -49.48      | -13         | 36.48       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1724            | 25.16       | 60          | 34.84       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2596            | -45.72      | -13         | 32.72       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21075           | -28.65      | -13         | 15.65       | Pass    | 18551       |



## 2.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:20175, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

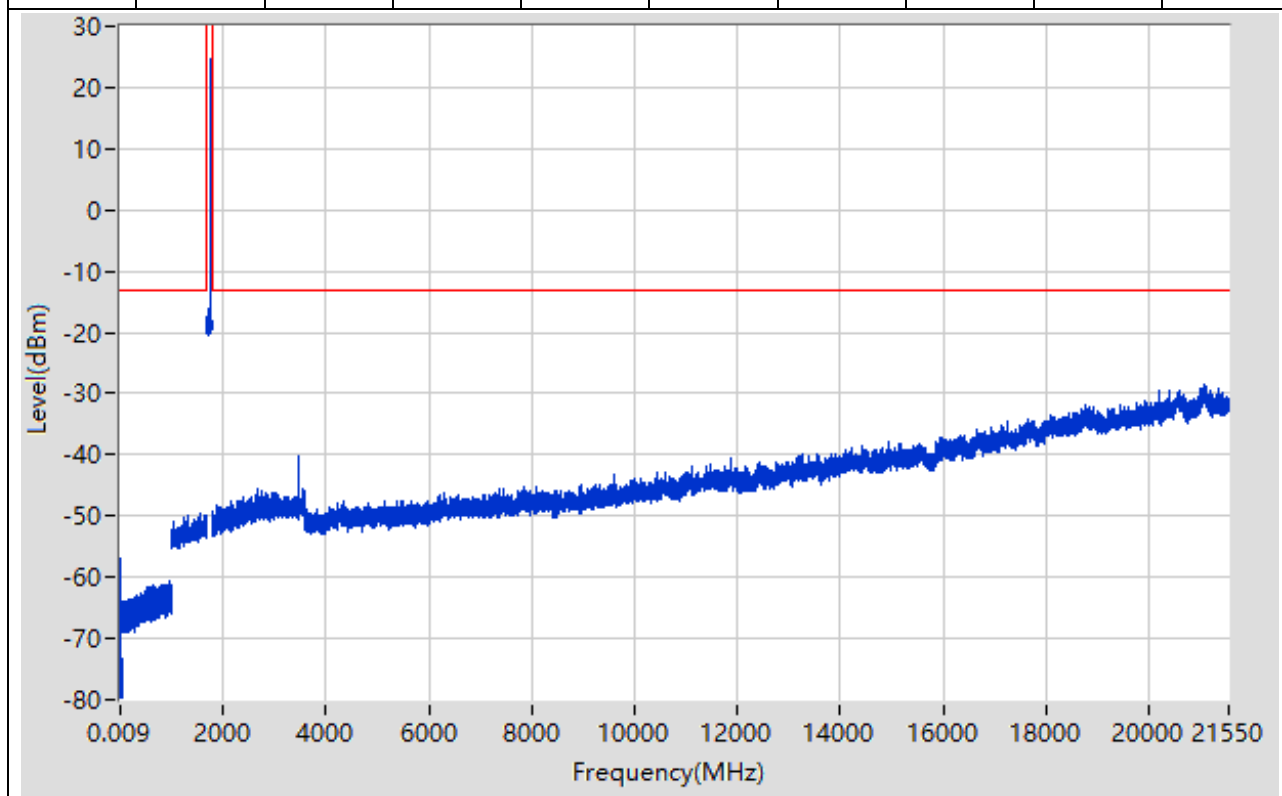
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.71      | -13         | 44.71       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.22      | -13         | 46.22       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 973.2           | -59.97      | -13         | 46.97       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1681            | -49.18      | -13         | 36.18       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1723.788        | 24.65       | 60          | 35.35       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2505            | -46.23      | -13         | 33.23       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21052           | -28.83      | -13         | 15.83       | Pass    | 18551       |



## 2.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:20300, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

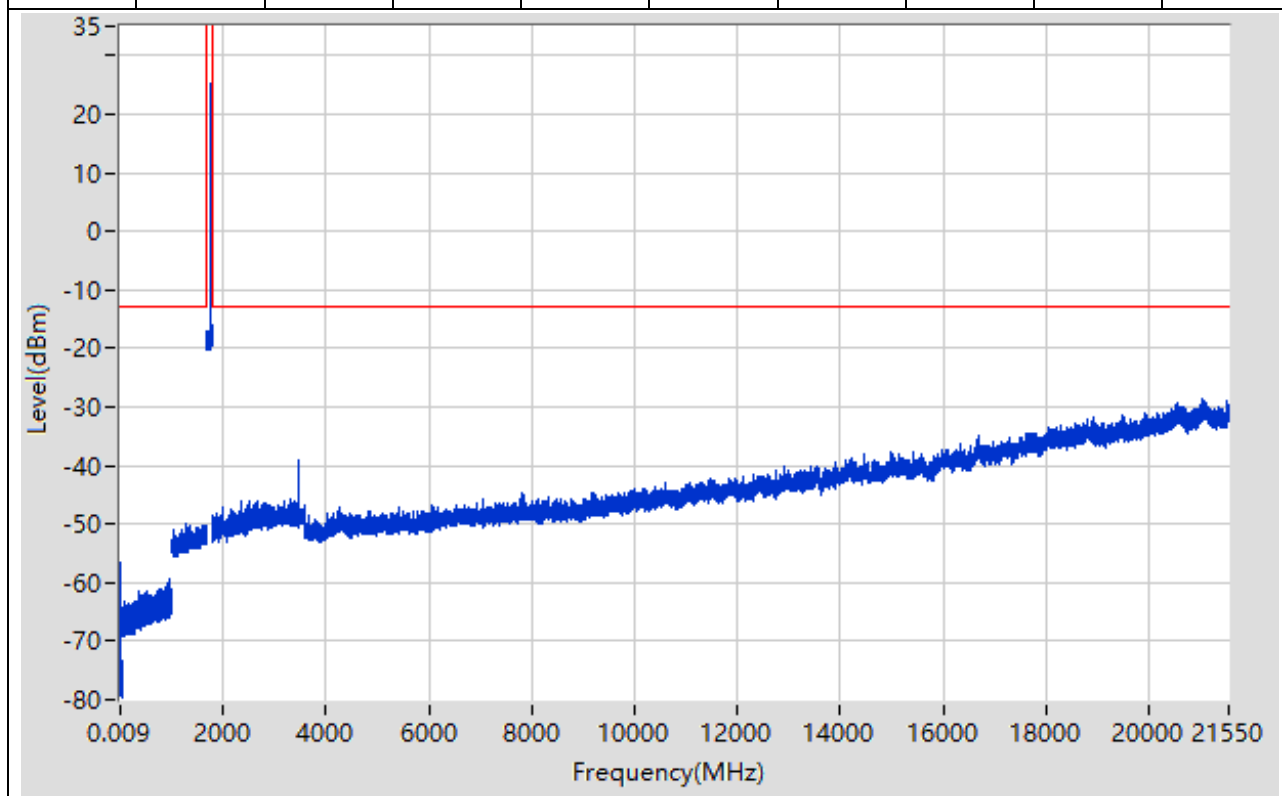
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -56.8       | -13         | 43.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.23      | -13         | 46.23       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 946.2           | -60.77      | -13         | 47.77       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1565            | -49.69      | -13         | 36.69       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1737.388        | 24.79       | 60          | 35.21       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2659            | -45.5       | -13         | 32.5        | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21064           | -28.66      | -13         | 15.66       | Pass    | 18551       |



## 2.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:20300, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

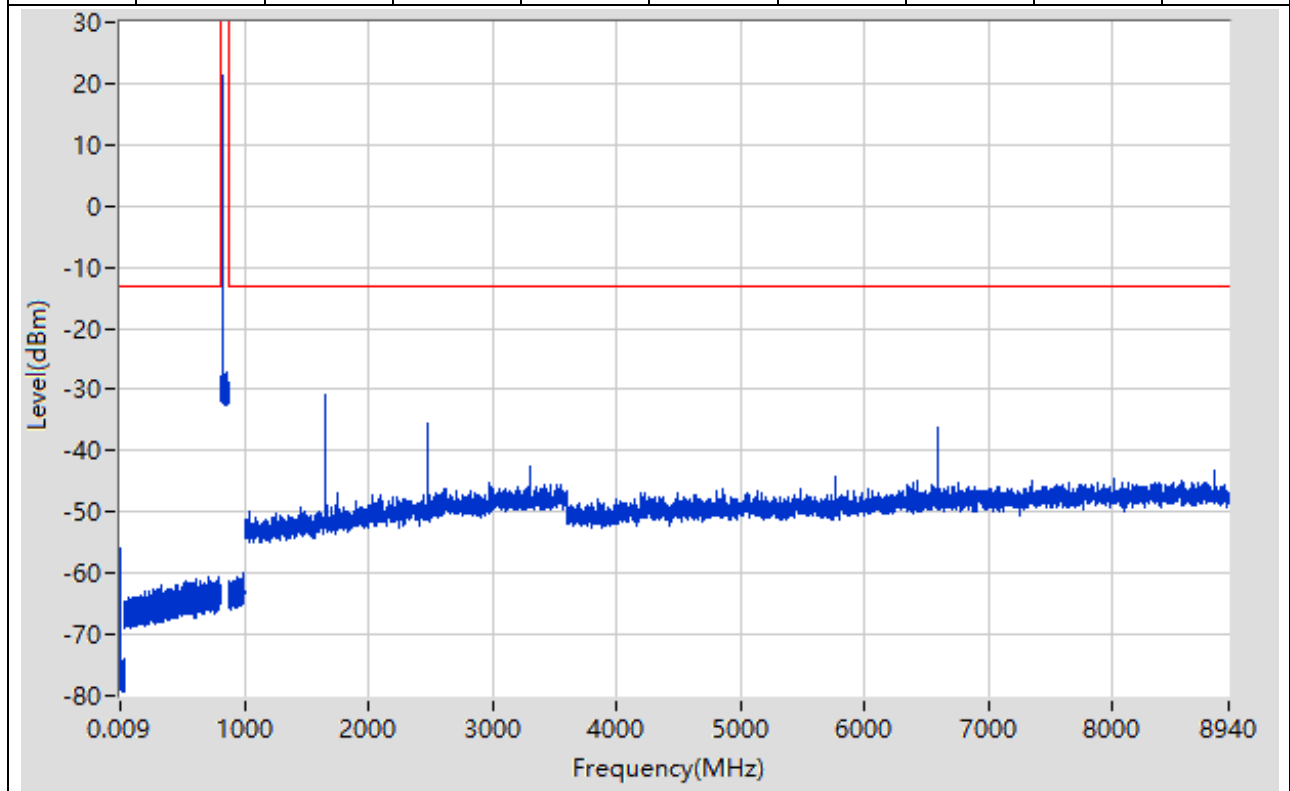
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.72      | -13         | 43.72       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.03      | -13         | 45.03       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 964             | -59.35      | -13         | 46.35       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1271            | -49.91      | -13         | 36.91       | Pass    | 691         |
| 1690                  | 1775                 | 1         | RMS      | 1737.388        | 25.16       | 60          | 34.84       | Pass    | 401         |
| 1775                  | 3000                 | 1         | RMS      | 2505            | -46.18      | -13         | 33.18       | Pass    | 1226        |
| 3000                  | 21550                | 1         | RMS      | 21029           | -28.72      | -13         | 15.72       | Pass    | 18551       |



### 3. Cat-M\_Band5

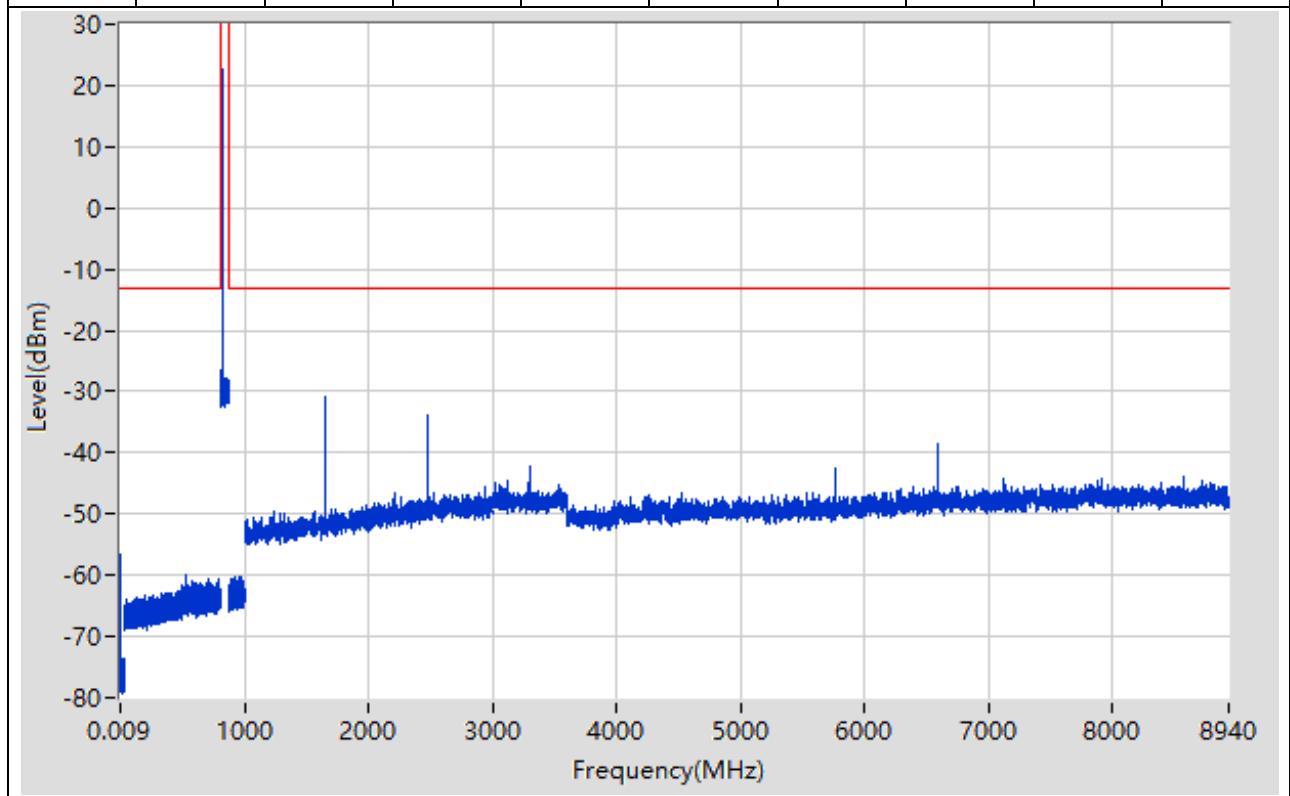
**3.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:20425, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.31      | -13         | 44.31       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.99      | -13         | 42.99       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 710.5           | -60.62      | -13         | 47.62       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.3           | 21.32       | 60          | 38.68       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 997.2           | -59.87      | -13         | 46.87       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -30.83      | -13         | 17.83       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6595            | -36.18      | -13         | 23.18       | Pass    | 5941        |



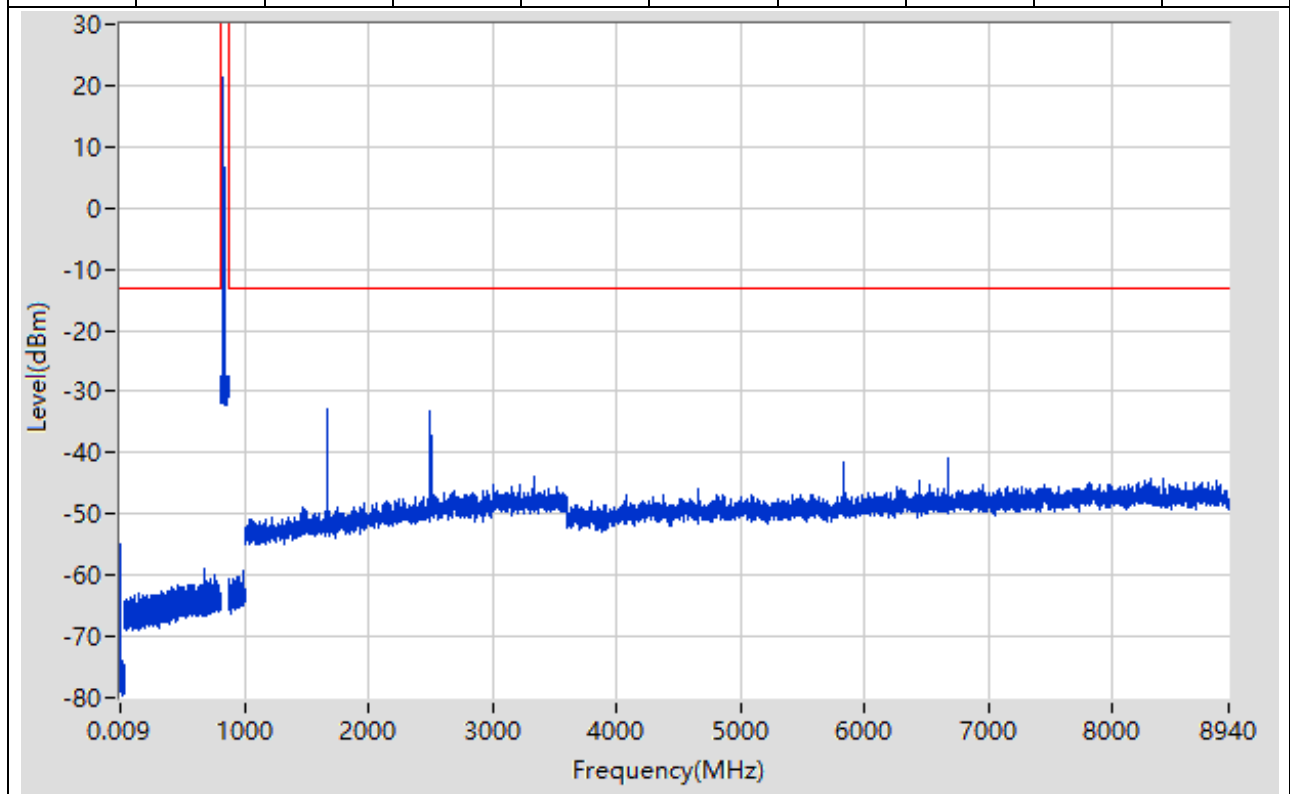
### 3.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:20425, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.58      | -13         | 43.58       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.85      | -13         | 44.85       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 534.4           | -60.06      | -13         | 47.06       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.3           | 22.66       | 60          | 37.34       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 977.5           | -60.23      | -13         | 47.23       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -30.89      | -13         | 17.89       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6595            | -38.7       | -13         | 25.7        | Pass    | 5941        |



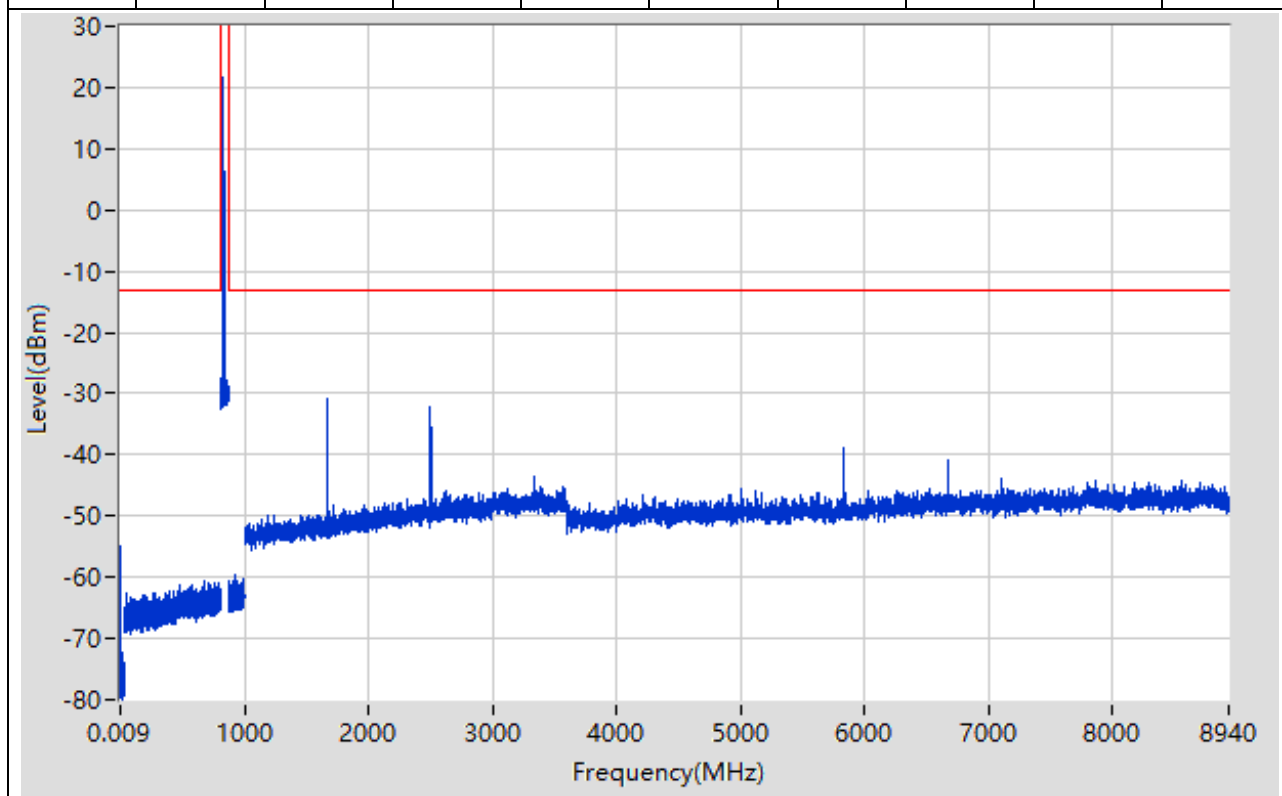
### 3.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:20525, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -55.03      | -13         | 42.03       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.16      | -13         | 43.16       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 681.6           | -58.99      | -13         | 45.99       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 834.3           | 21.38       | 60          | 38.62       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 990.8           | -59.38      | -13         | 46.38       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1669            | -32.71      | -13         | 19.71       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6675            | -40.93      | -13         | 27.93       | Pass    | 5941        |



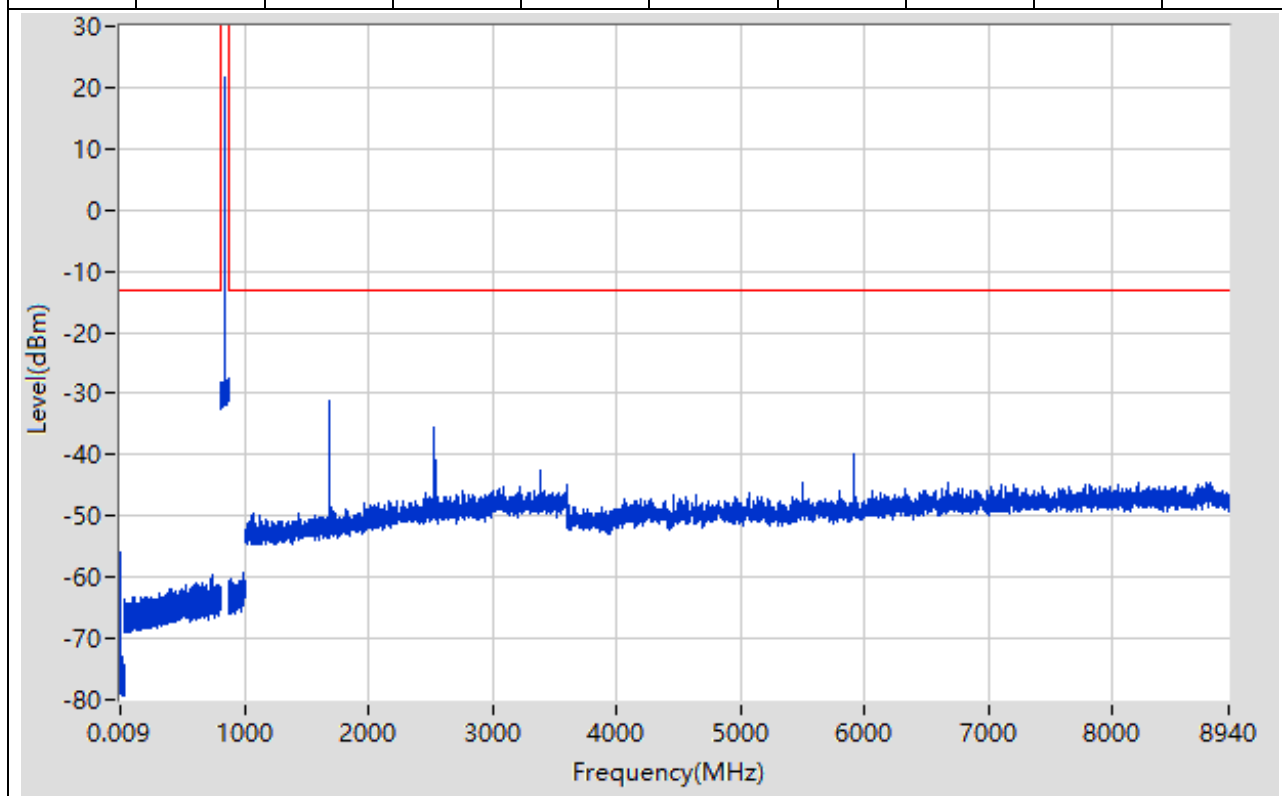
### 3.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:20525, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.37      | -13         | 44.37       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.88      | -13         | 41.88       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 682.1           | -60.68      | -13         | 47.68       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 834.3           | 21.79       | 60          | 38.21       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 917.3           | -59.46      | -13         | 46.46       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1669            | -30.86      | -13         | 17.86       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5840            | -38.92      | -13         | 25.92       | Pass    | 5941        |



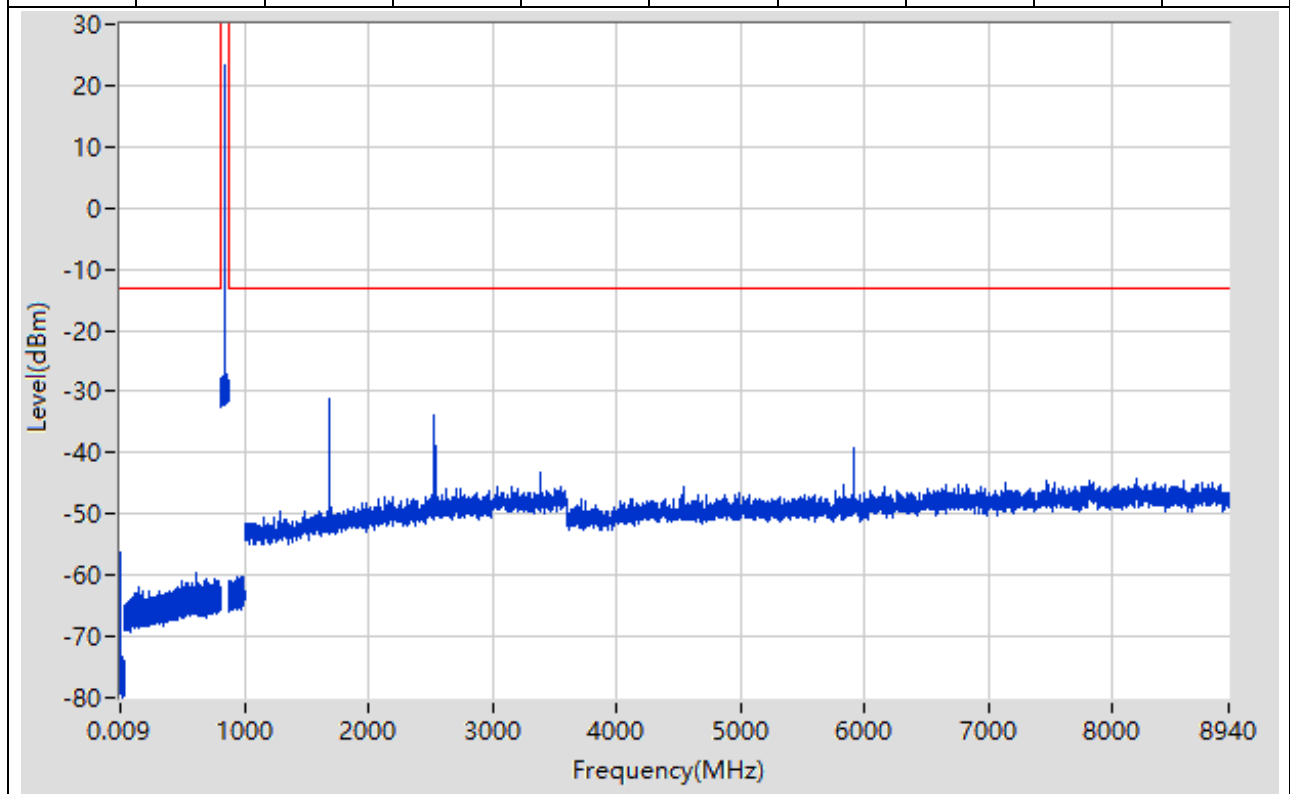
### 3.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:20625, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.95      | -13         | 42.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.54      | -13         | 43.54       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 743.4           | -59.63      | -13         | 46.63       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 845.2           | 21.64       | 60          | 38.36       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 993.2           | -59.32      | -13         | 46.32       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1691            | -31.29      | -13         | 18.29       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5916            | -39.91      | -13         | 26.91       | Pass    | 5941        |



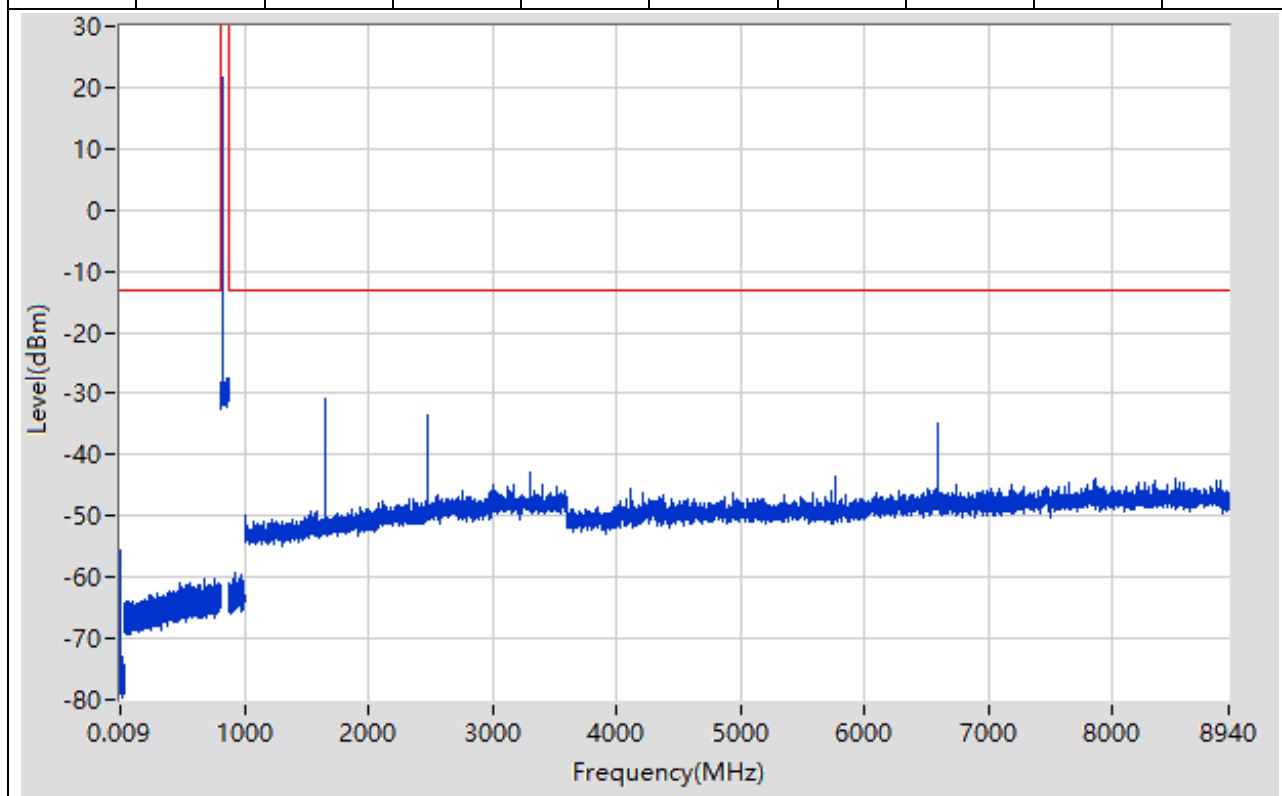
### 3.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:20625, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.41      | -13         | 43.41       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.25      | -13         | 44.25       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 619.3           | -59.72      | -13         | 46.72       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 845.2           | 23.23       | 60          | 36.77       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 967.4           | -60.28      | -13         | 47.28       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1690            | -31.05      | -13         | 18.05       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5916            | -39.24      | -13         | 26.24       | Pass    | 5941        |



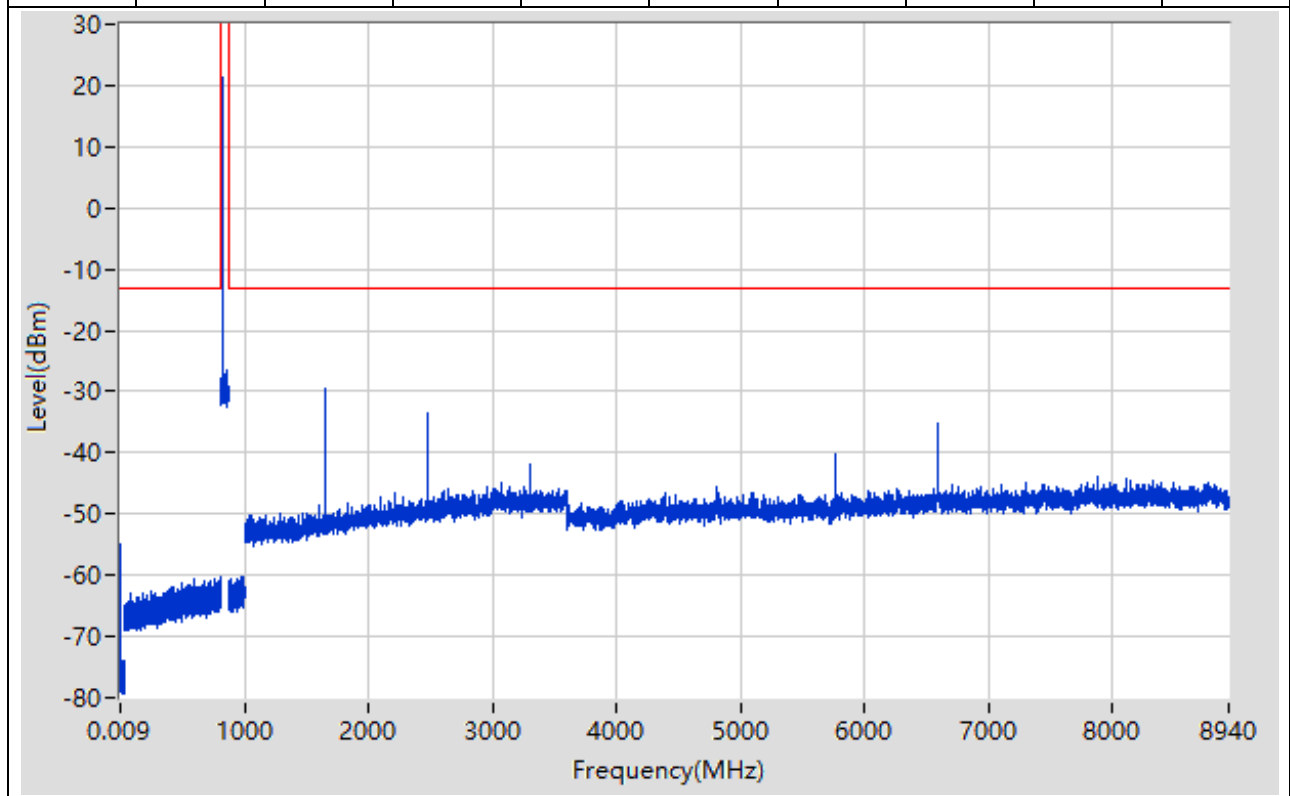
### 3.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:20450, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.89      | -13         | 43.89       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.68      | -13         | 42.68       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 764.2           | -60.15      | -13         | 47.15       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.7           | 21.65       | 60          | 38.35       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 933.2           | -59.36      | -13         | 46.36       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -30.86      | -13         | 17.86       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6598            | -34.9       | -13         | 21.9        | Pass    | 5941        |



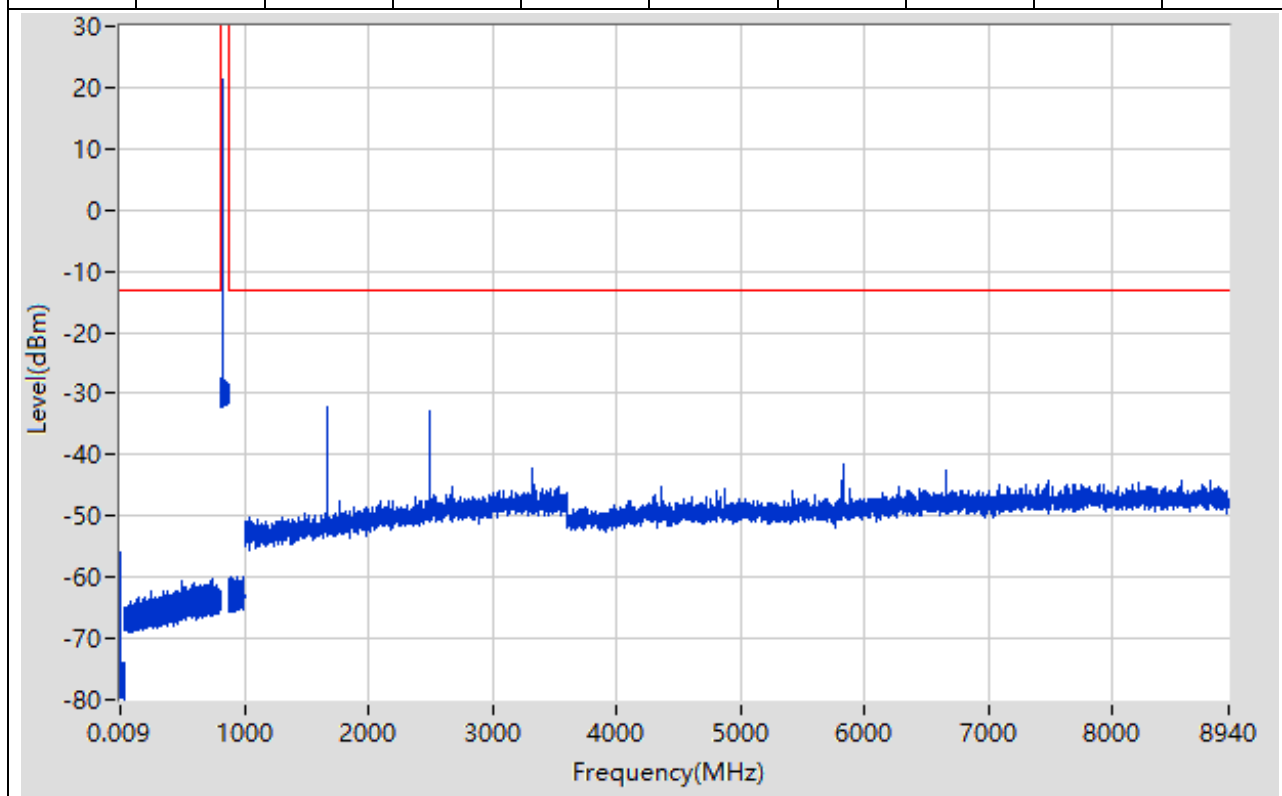
### 3.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:20450, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.57      | -13         | 43.57       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.02      | -13         | 42.02       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 804             | -60.22      | -13         | 47.22       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.7           | 21.39       | 60          | 38.61       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 983             | -60.12      | -13         | 47.12       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1650            | -29.5       | -13         | 16.5        | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6598            | -35.21      | -13         | 22.21       | Pass    | 5941        |



### 3.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:20525, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

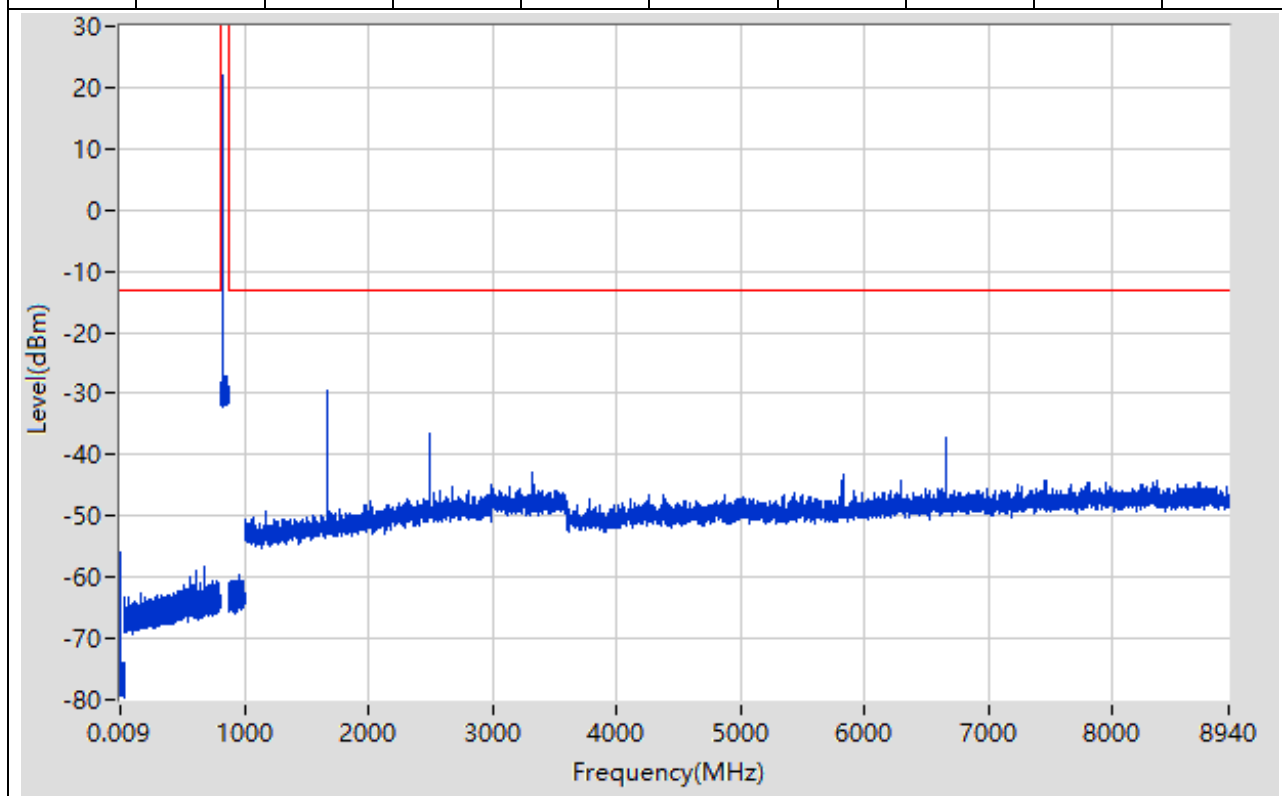
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.98      | -13         | 42.98       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.83      | -13         | 43.83       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 736.8           | -60.34      | -13         | 47.34       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 832.2           | 21.24       | 60          | 38.76       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 991.7           | -59.84      | -13         | 46.84       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1665            | -32.27      | -13         | 19.27       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5826            | -41.53      | -13         | 28.53       | Pass    | 5941        |



### 3.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:20525, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

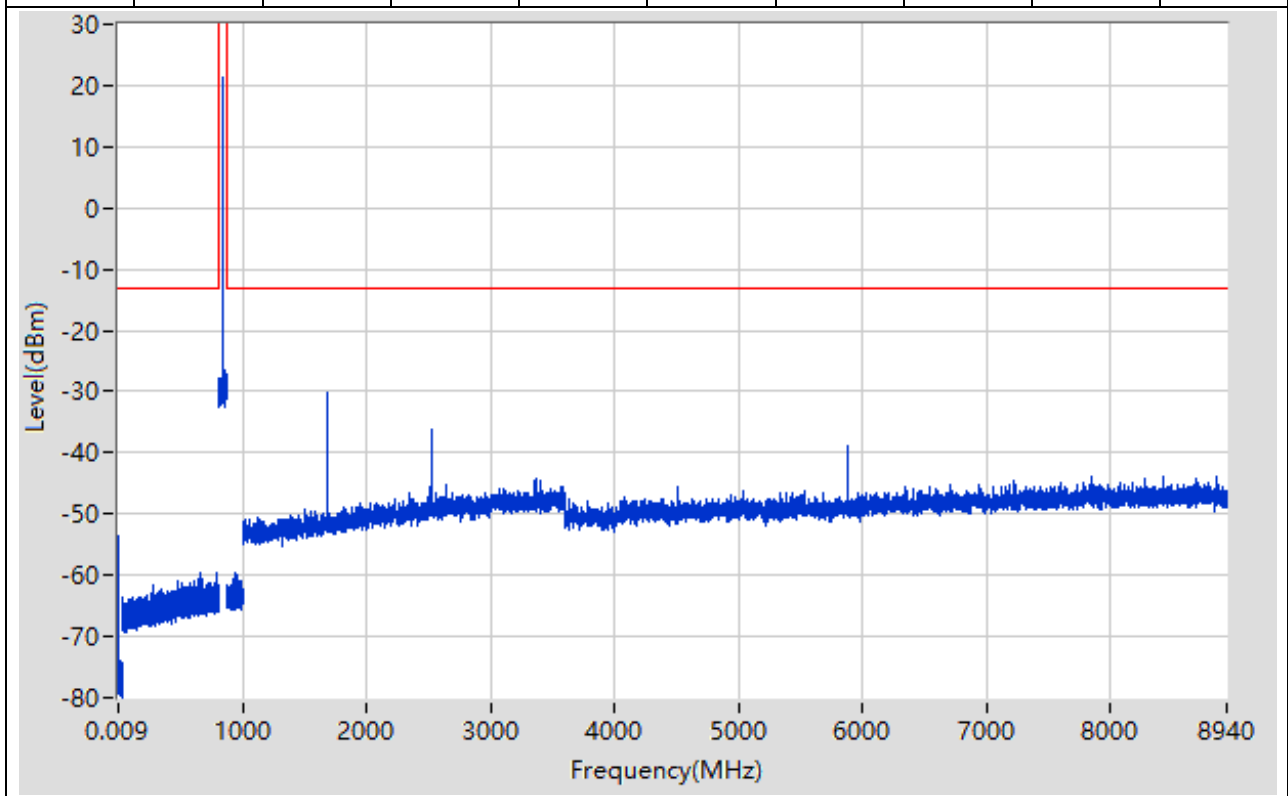
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -55.86      | -13         | 42.86       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.24      | -13         | 43.24       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 681.8           | -58.35      | -13         | 45.35       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 832.2           | 21.85       | 60          | 38.15       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 959.8           | -59.7       | -13         | 46.7        | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1665            | -29.45      | -13         | 16.45       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6658            | -37.25      | -13         | 24.25       | Pass    | 5941        |



### 3.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:20600, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

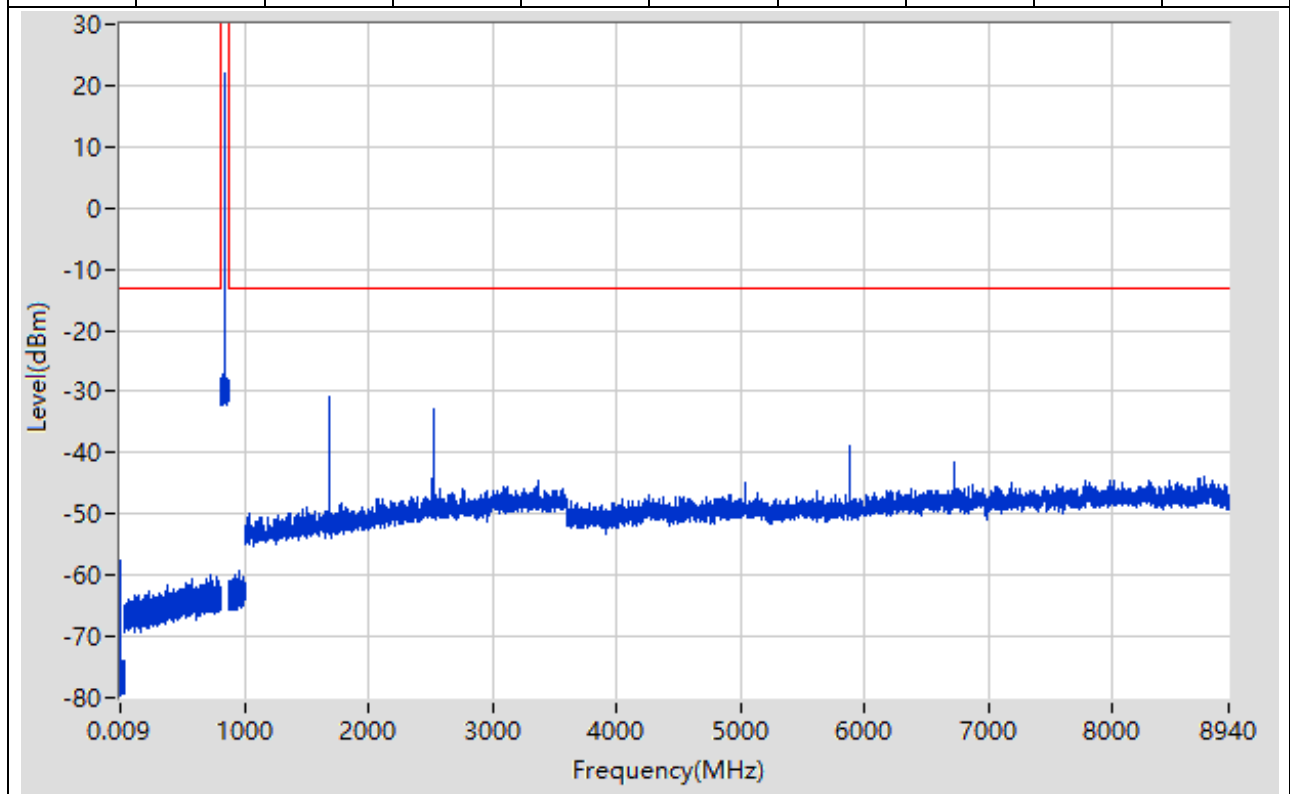
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.39      | -13         | 43.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.71      | -13         | 40.71       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 668.6           | -59.52      | -13         | 46.52       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 840.6           | 21.25       | 60          | 38.75       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 946.1           | -59.75      | -13         | 46.75       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1681            | -30.07      | -13         | 17.07       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5885            | -38.8       | -13         | 25.8        | Pass    | 5941        |



### 3.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:20600, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

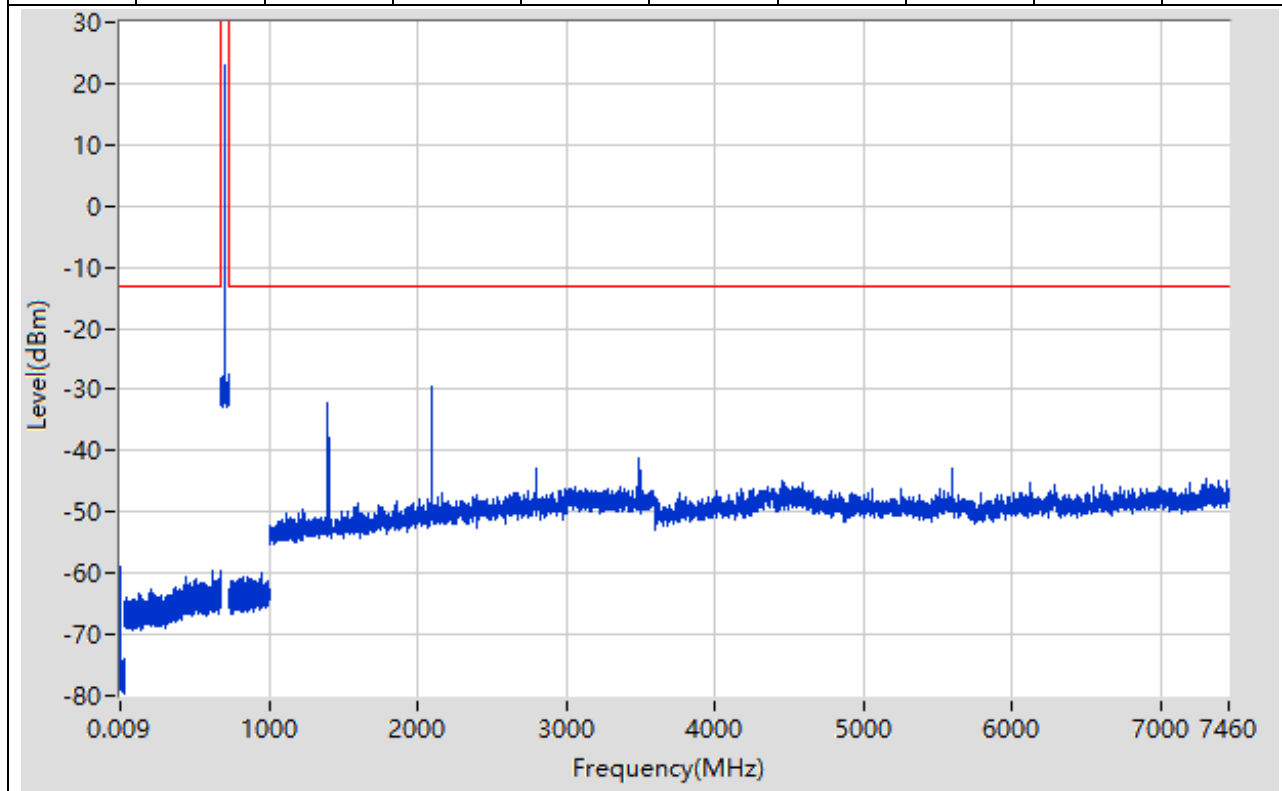
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.64      | -13         | 44.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.59      | -13         | 44.59       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 735.1           | -60.03      | -13         | 47.03       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 840.6           | 22.06       | 60          | 37.94       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 955.8           | -59.26      | -13         | 46.26       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1681            | -30.96      | -13         | 17.96       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5885            | -38.95      | -13         | 25.95       | Pass    | 5941        |



## 4. Cat-M\_Band12

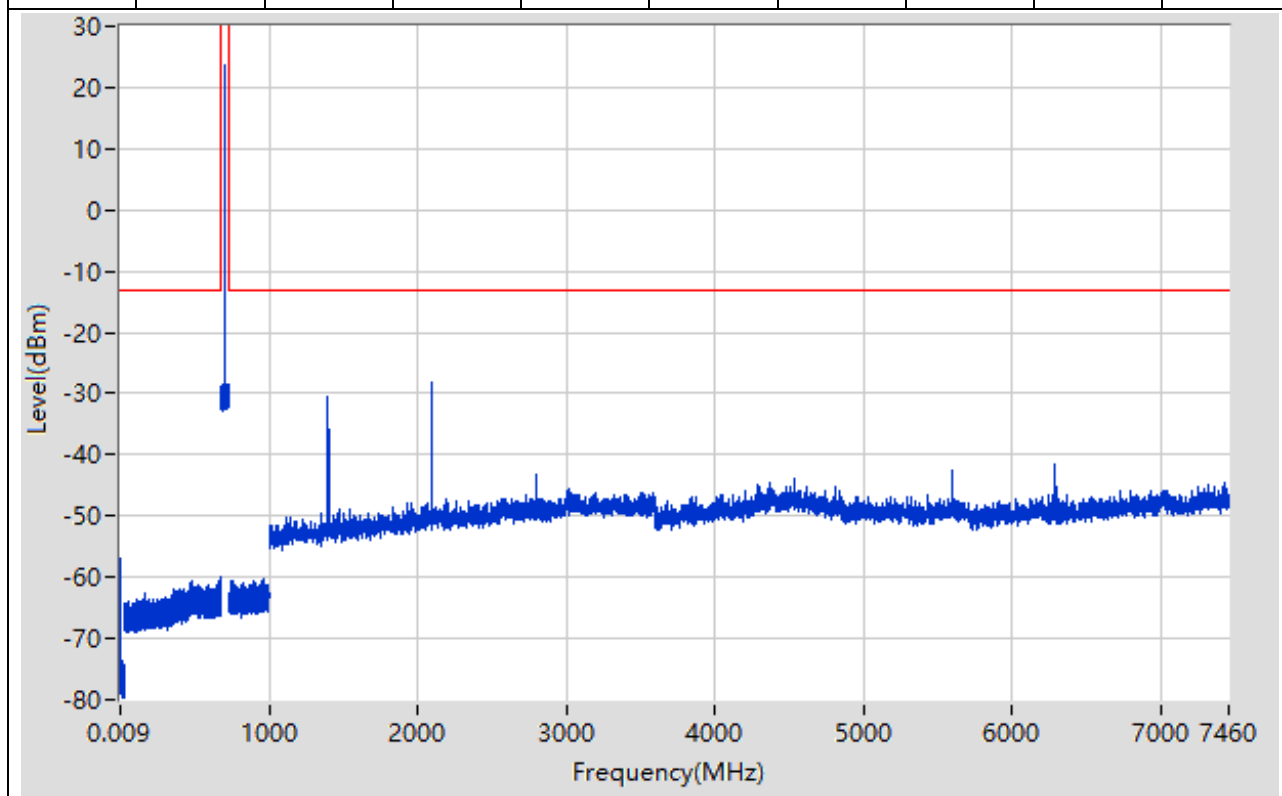
4.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:23035, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.33      | -13         | 46.33       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.79      | -13         | 45.79       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 619.9           | -59.51      | -13         | 46.51       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 699.3           | 22.92       | 60          | 37.08       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 950.4           | -60.05      | -13         | 47.05       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2098            | -29.41      | -13         | 16.41       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 3495            | -41.36      | -13         | 28.36       | Pass    | 4461        |



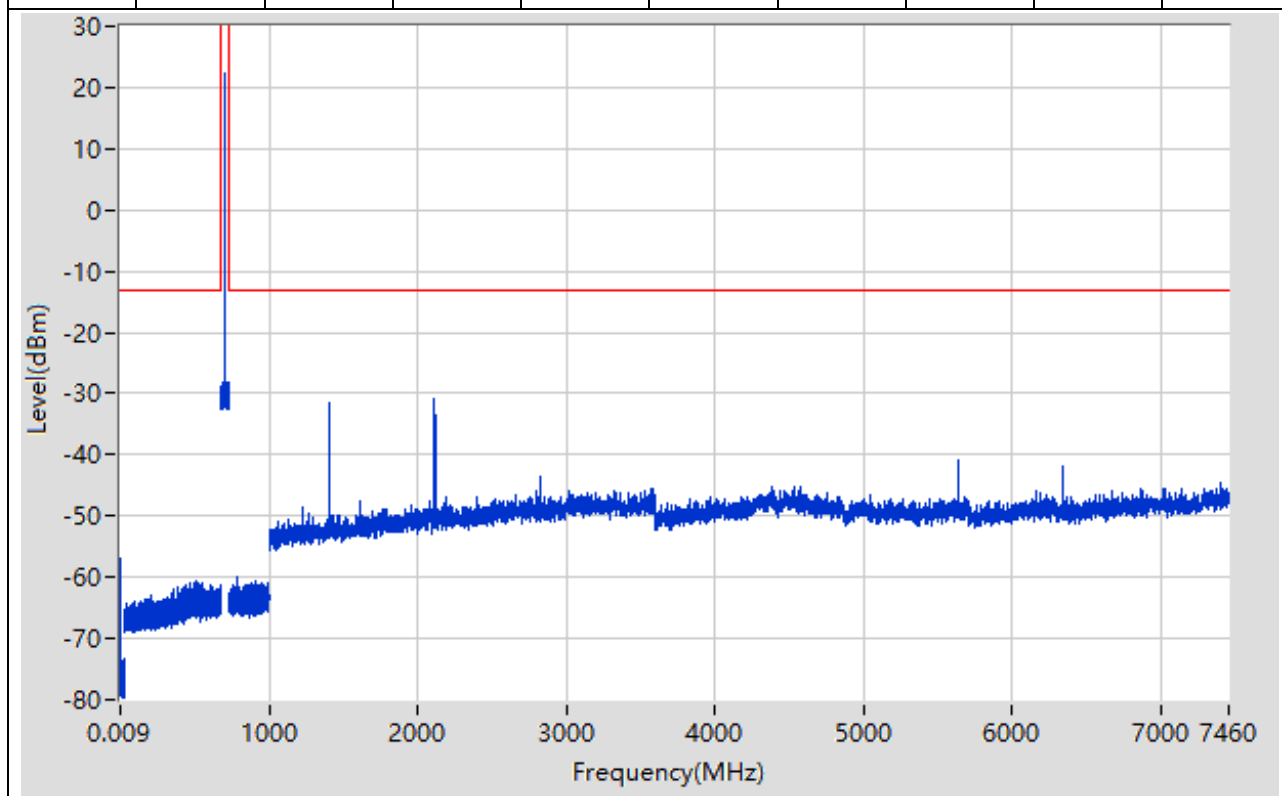
**4.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:23035, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.028           | -59.75      | -13         | 46.75       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.06      | -13         | 44.06       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 676.4           | -60.03      | -13         | 47.03       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 699.3           | 23.64       | 60          | 36.36       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 960.5           | -60.31      | -13         | 47.31       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2098            | -28.32      | -13         | 15.32       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6294            | -41.51      | -13         | 28.51       | Pass    | 4461        |



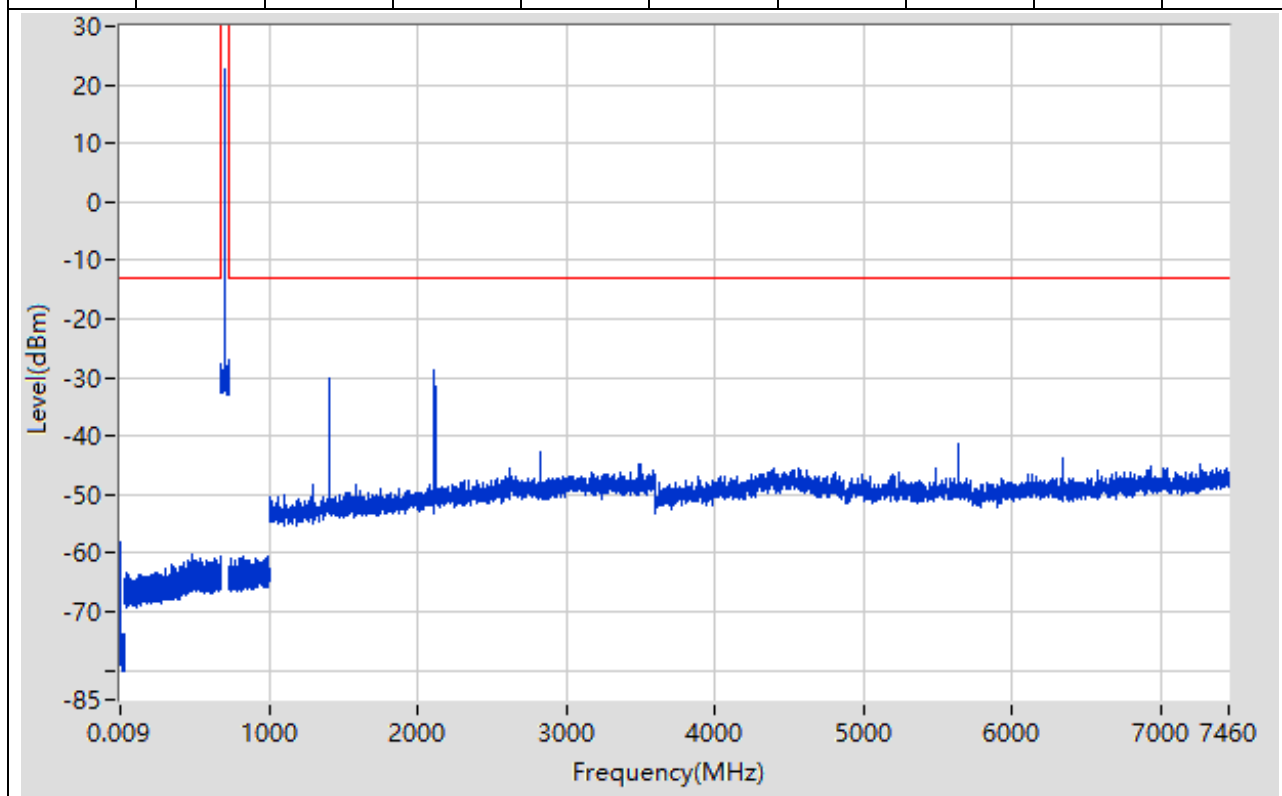
#### 4.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:23095, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.64      | -13         | 46.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.98      | -13         | 43.98       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 514.5           | -60.62      | -13         | 47.62       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 705.3           | 22.35       | 60          | 37.65       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 786.2           | -59.95      | -13         | 46.95       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2116            | -30.75      | -13         | 17.75       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5643            | -40.94      | -13         | 27.94       | Pass    | 4461        |



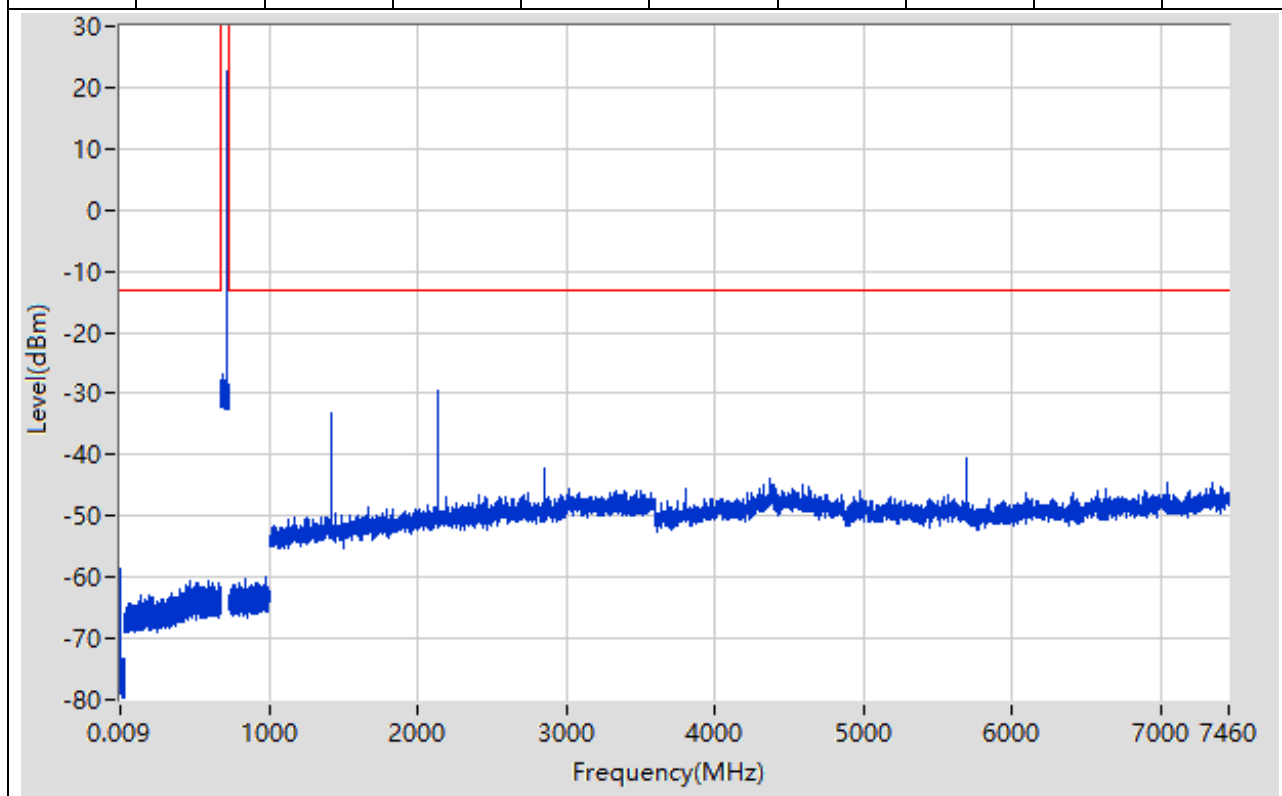
#### 4.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:23095, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -58.79      | -13         | 45.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.25      | -13         | 45.25       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 485.2           | -60.35      | -13         | 47.35       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 705.3           | 22.69       | 60          | 37.31       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 988.9           | -60.41      | -13         | 47.41       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2116            | -28.68      | -13         | 15.68       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5643            | -41.43      | -13         | 28.43       | Pass    | 4461        |



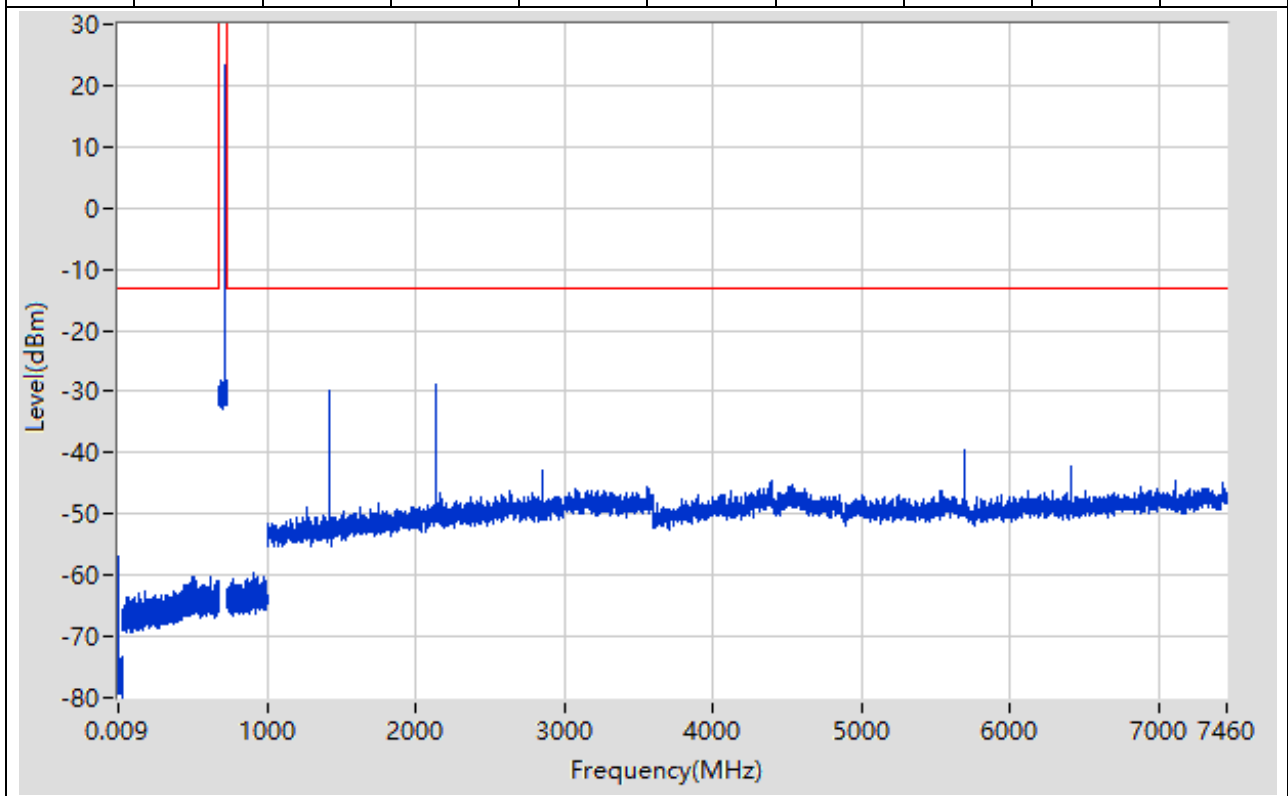
**4.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:23155, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -59.98      | -13         | 46.98       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.54      | -13         | 45.54       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 587.1           | -60.49      | -13         | 47.49       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 712.2           | 22.69       | 60          | 37.31       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 978             | -60.09      | -13         | 47.09       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2137            | -29.44      | -13         | 16.44       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5698            | -40.52      | -13         | 27.52       | Pass    | 4461        |



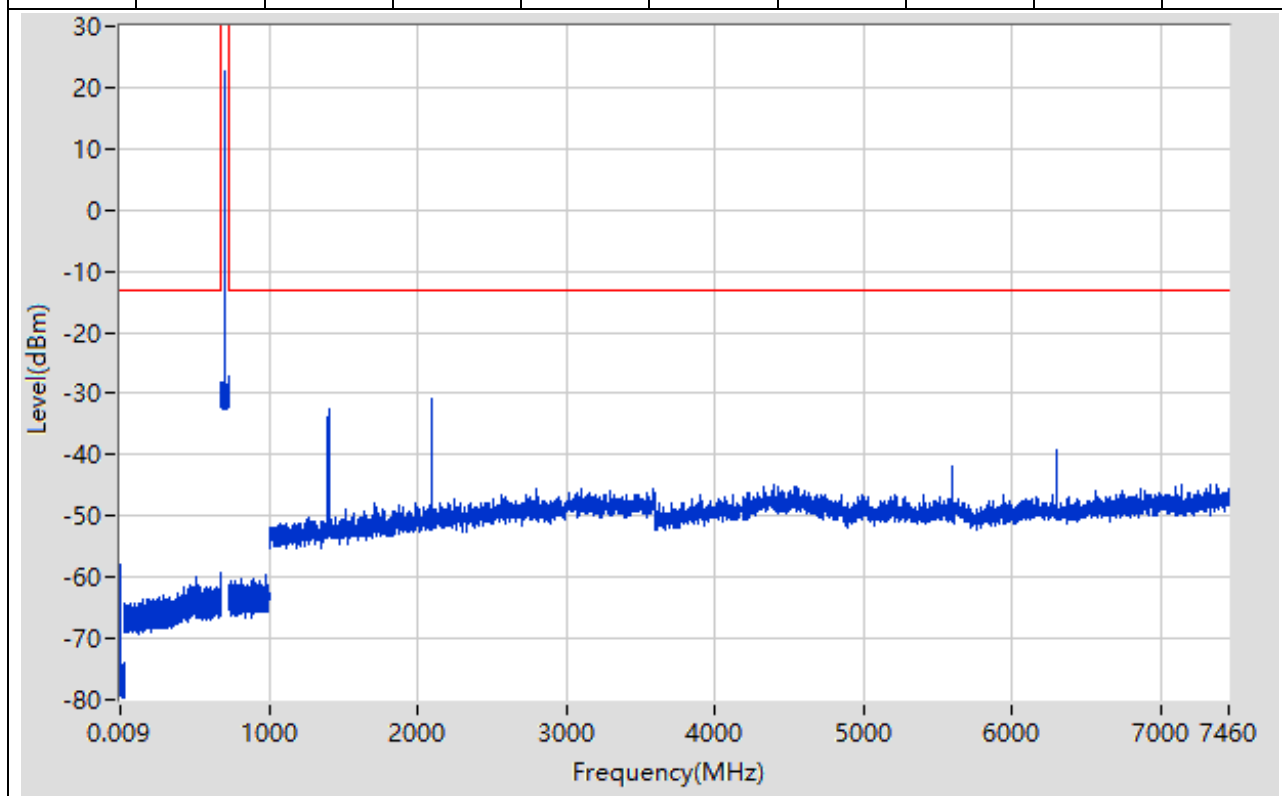
**4.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:23155, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -60.39      | -13         | 47.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.09      | -13         | 44.09       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 506.6           | -60.33      | -13         | 47.33       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 712.2           | 23.27       | 60          | 36.73       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 914.9           | -59.76      | -13         | 46.76       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2137            | -28.76      | -13         | 15.76       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5698            | -39.46      | -13         | 26.46       | Pass    | 4461        |



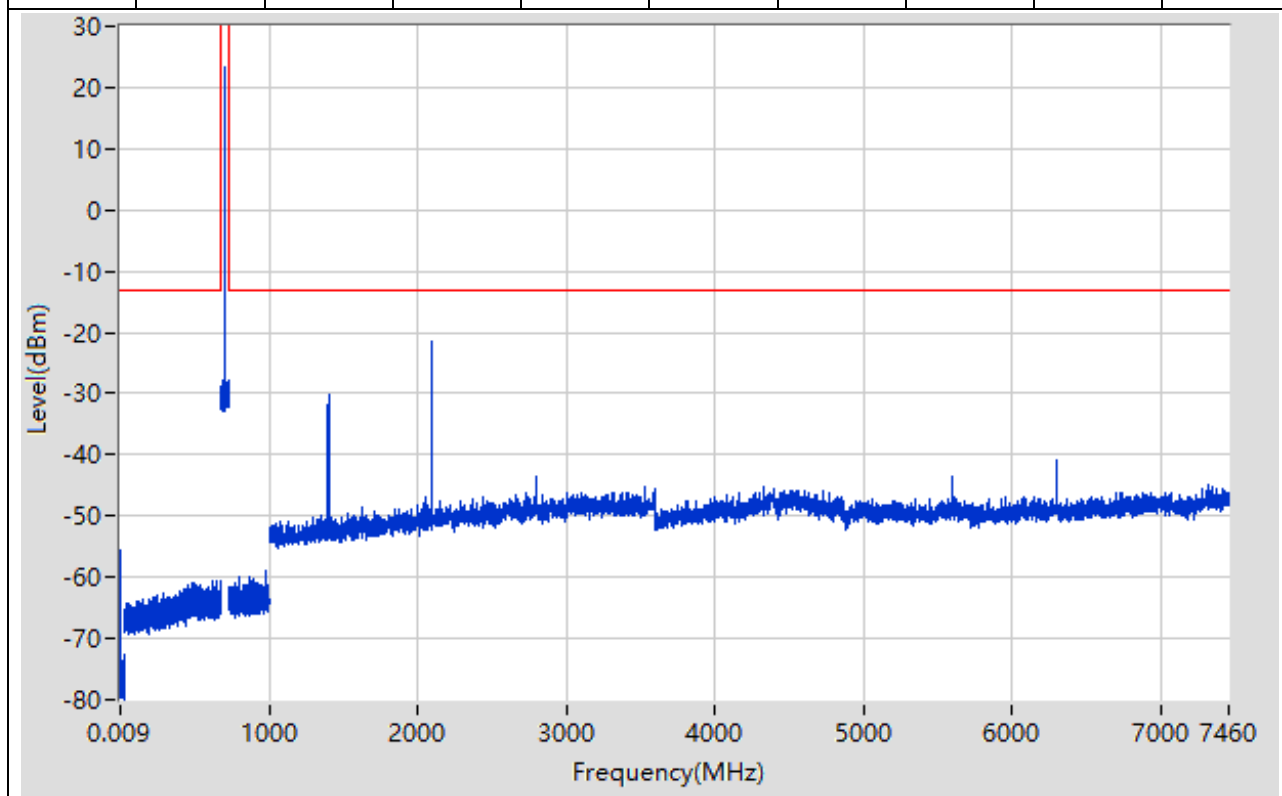
**4.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:23060, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.33      | -13         | 46.33       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.88      | -13         | 44.88       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 678.1           | -59.23      | -13         | 46.23       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 699.7           | 22.79       | 60          | 37.21       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 973             | -59.74      | -13         | 46.74       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2099            | -30.83      | -13         | 17.83       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6298            | -39.34      | -13         | 26.34       | Pass    | 4461        |



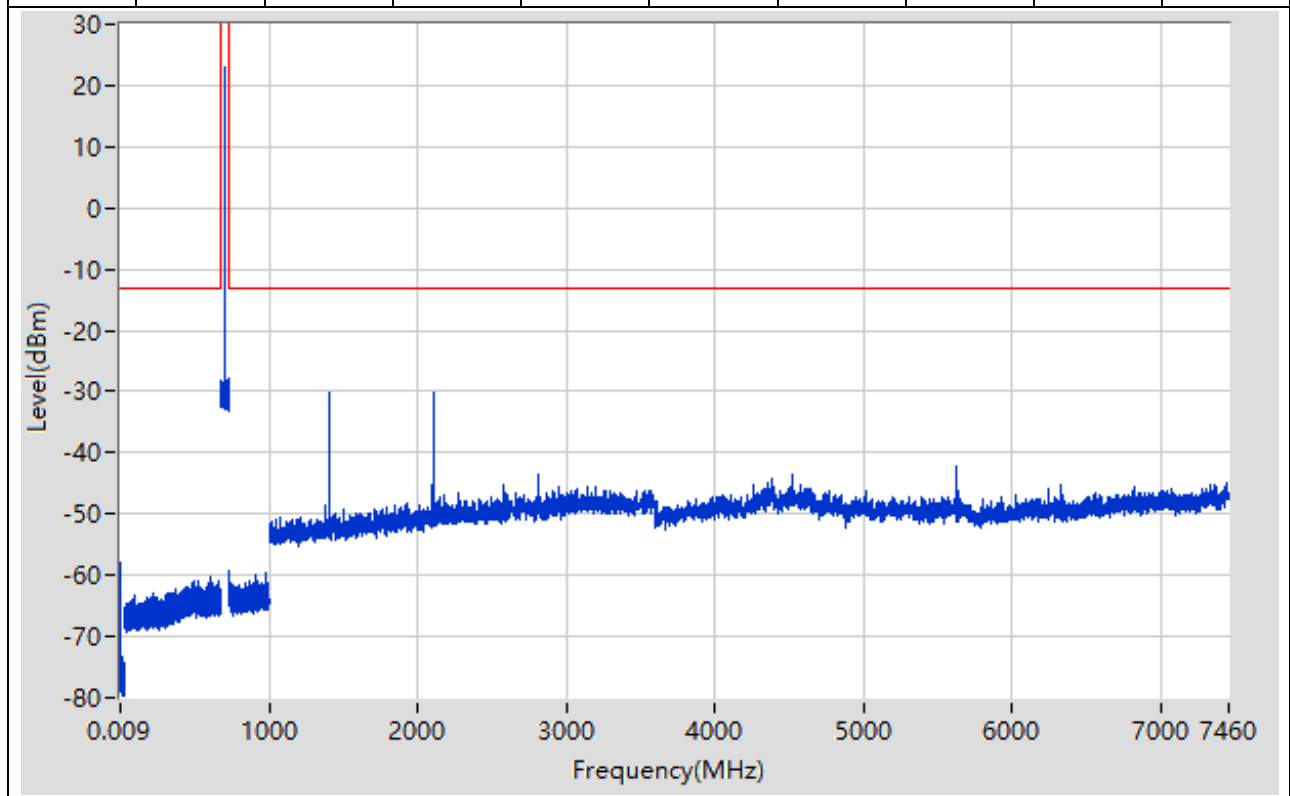
**4.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:23060, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -58.88      | -13         | 45.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.45      | -13         | 42.45       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 675.3           | -60.56      | -13         | 47.56       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 699.7           | 23.29       | 60          | 36.71       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 976.3           | -59         | -13         | 46          | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2101            | -21.41      | -13         | 8.41        | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6298            | -40.98      | -13         | 27.98       | Pass    | 4461        |



**4.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:23095, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

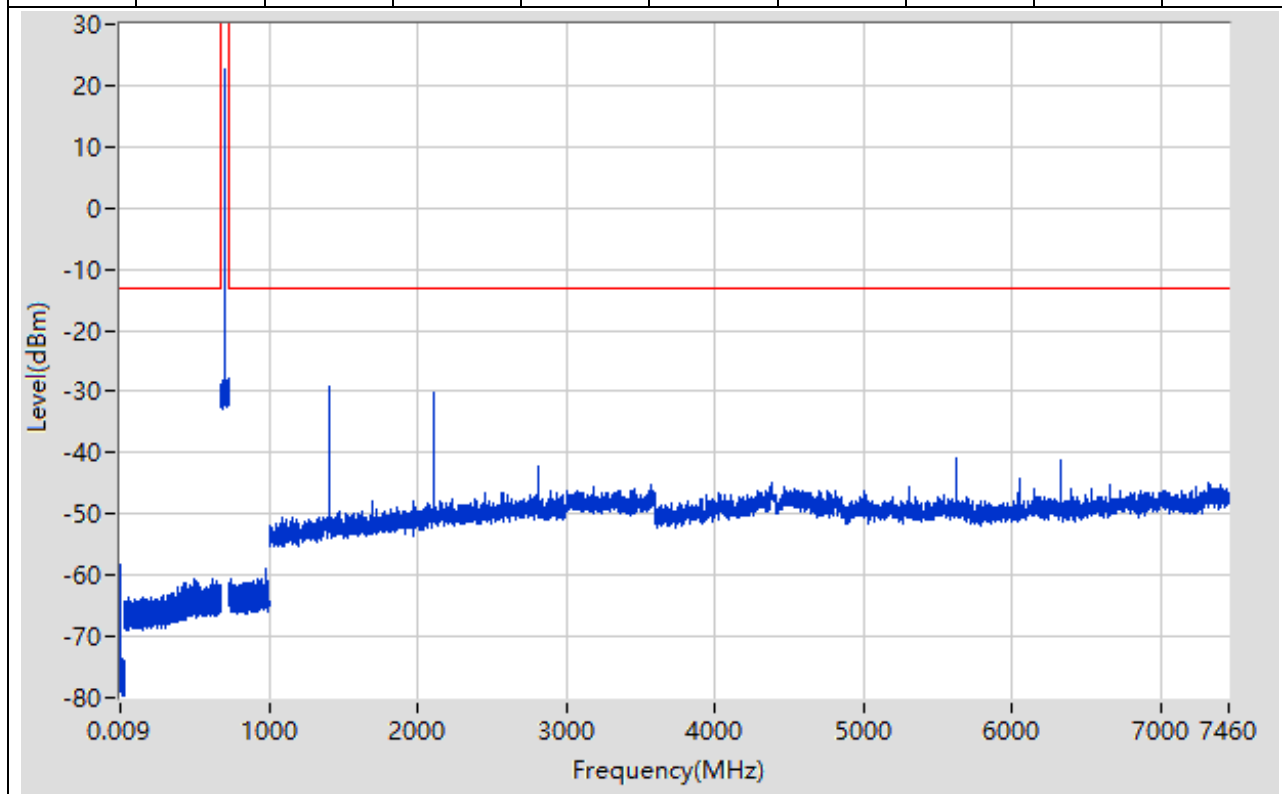
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.108           | -60.13      | -13         | 47.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.03      | -13         | 45.03       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 609.7           | -60.12      | -13         | 47.12       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 703.2           | 22.86       | 60          | 37.14       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 737.7           | -59.37      | -13         | 46.37       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2110            | -30.17      | -13         | 17.17       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5626            | -42.35      | -13         | 29.35       | Pass    | 4461        |



#### 4.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:23095, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

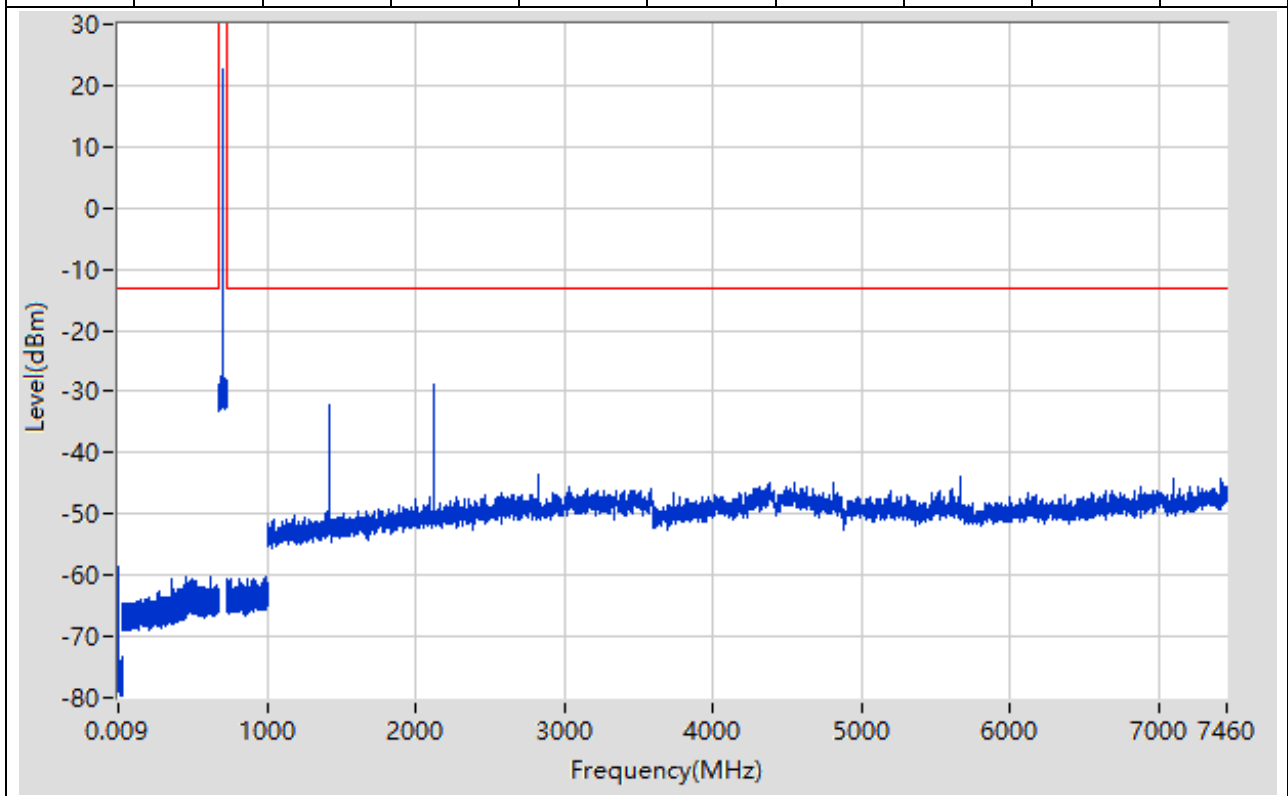
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -59.99      | -13         | 46.99       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.11      | -13         | 45.11       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 496.7           | -60.54      | -13         | 47.54       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 703.2           | 22.8        | 60          | 37.2        | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 972.3           | -58.86      | -13         | 45.86       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 1407            | -29.32      | -13         | 16.32       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5626            | -40.87      | -13         | 27.87       | Pass    | 4461        |



#### 4.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:23130, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

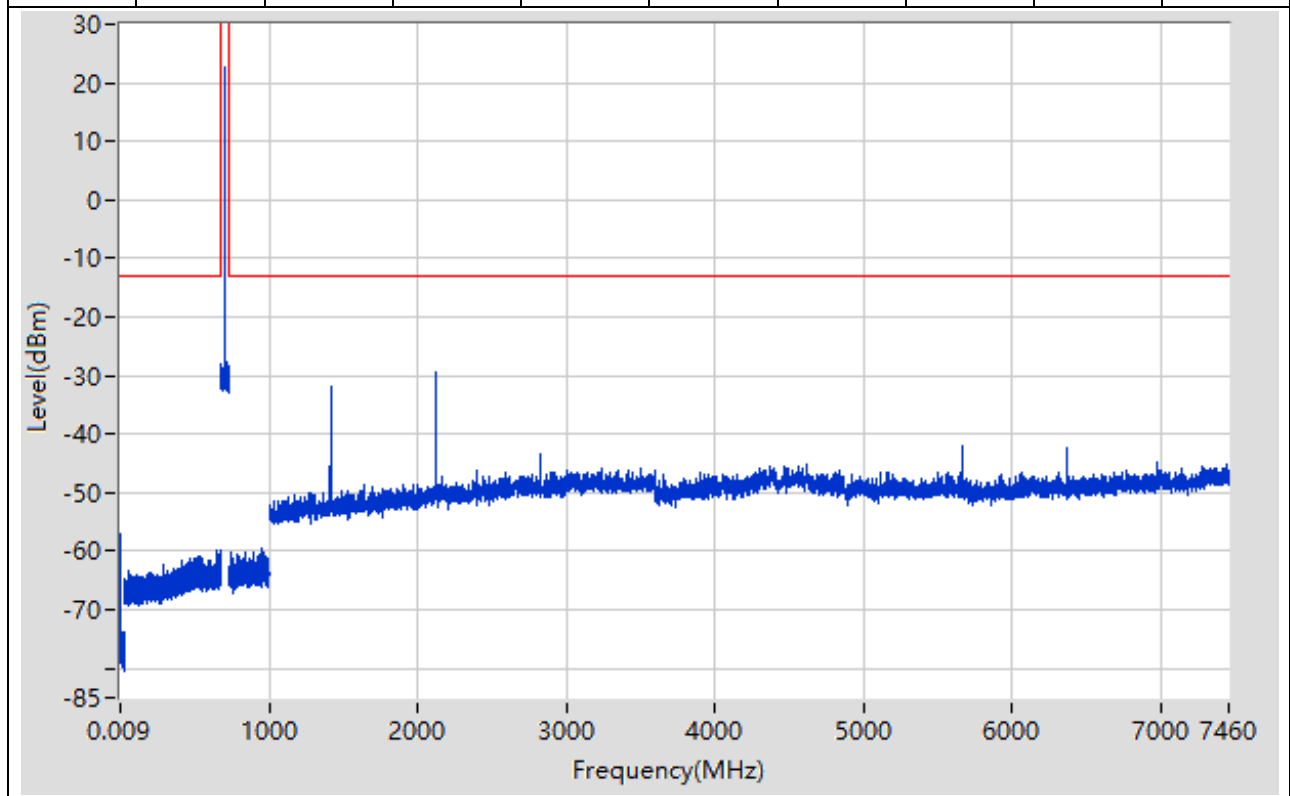
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -60.12      | -13         | 47.12       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.51      | -13         | 45.51       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 625.4           | -60.23      | -13         | 47.23       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 707.6           | 22.62       | 60          | 37.38       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 994.4           | -60.11      | -13         | 47.11       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2123            | -28.93      | -13         | 15.93       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5661            | -43.92      | -13         | 30.92       | Pass    | 4461        |



#### 4.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:23130, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

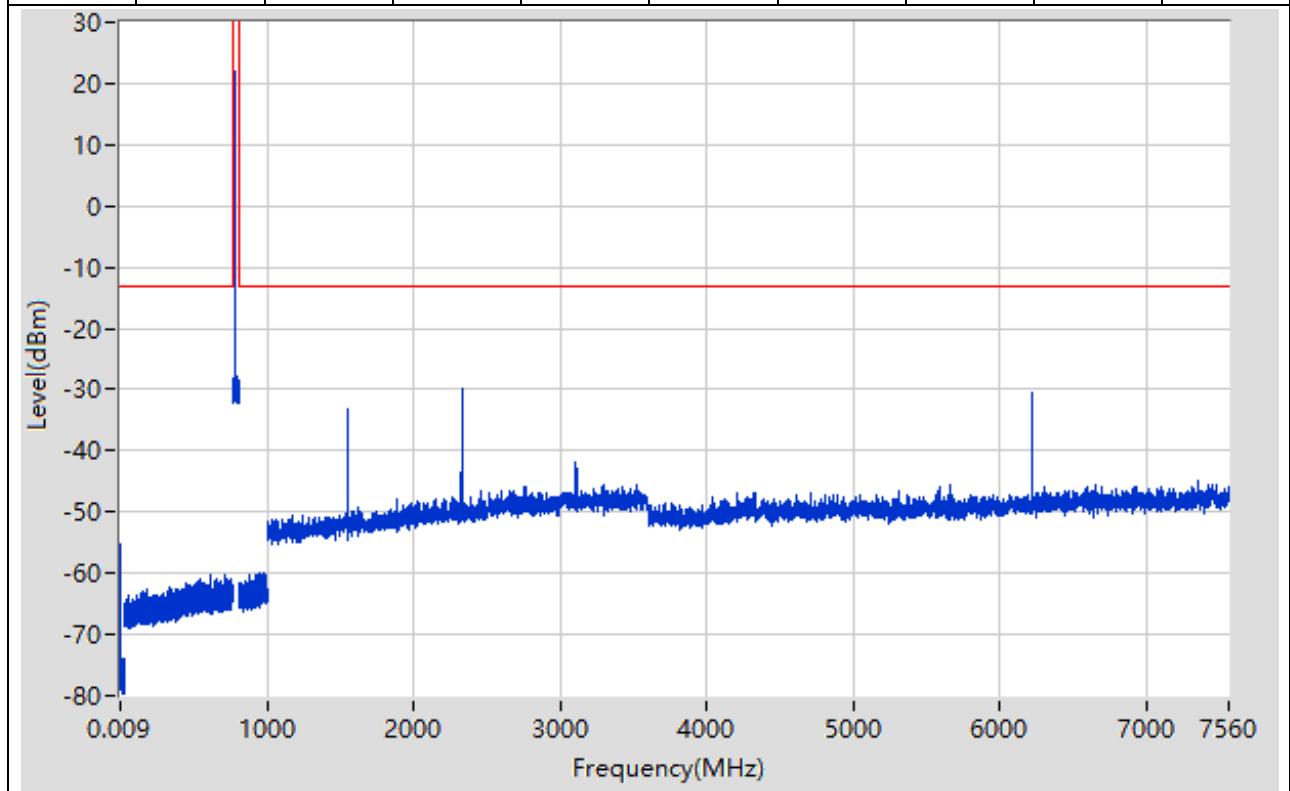
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -60.19      | -13         | 47.19       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.03      | -13         | 44.03       | Pass    | 2986        |
| 30                    | 679                  | 0.1       | RMS      | 652.6           | -59.85      | -13         | 46.85       | Pass    | 6491        |
| 679                   | 736                  | 0.1       | RMS      | 707.7           | 22.53       | 60          | 37.47       | Pass    | 571         |
| 736                   | 1000                 | 0.1       | RMS      | 955.5           | -59.55      | -13         | 46.55       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2123            | -29.41      | -13         | 16.41       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5661            | -42.16      | -13         | 29.16       | Pass    | 4461        |



## 5. Cat-M\_Band13

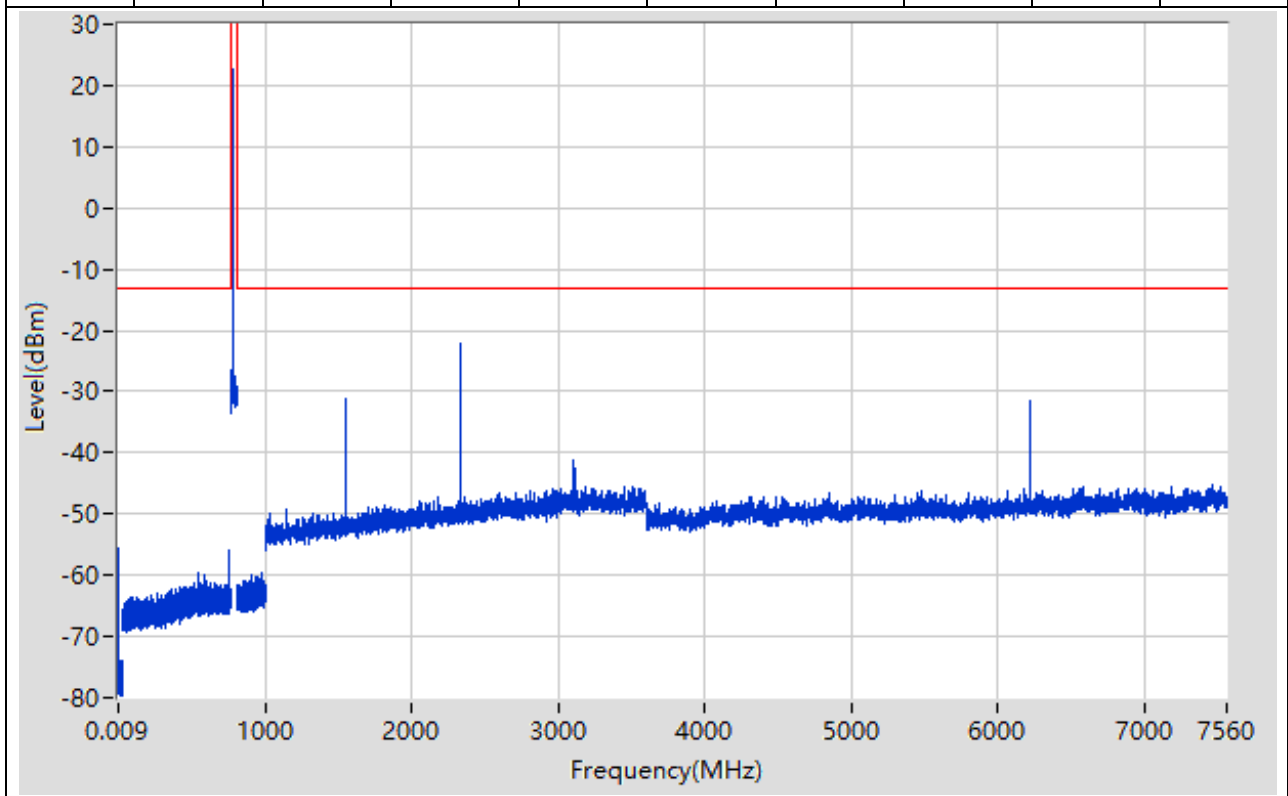
**5.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:23205, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -57.35      | -13         | 44.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.42      | -13         | 42.42       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 620.3           | -60.17      | -13         | 47.17       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 777.3           | 22.04       | 60          | 37.96       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 983.9           | -59.89      | -13         | 46.89       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2332            | -29.95      | -13         | 16.95       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6219            | -30.6       | -13         | 17.6        | Pass    | 4561        |



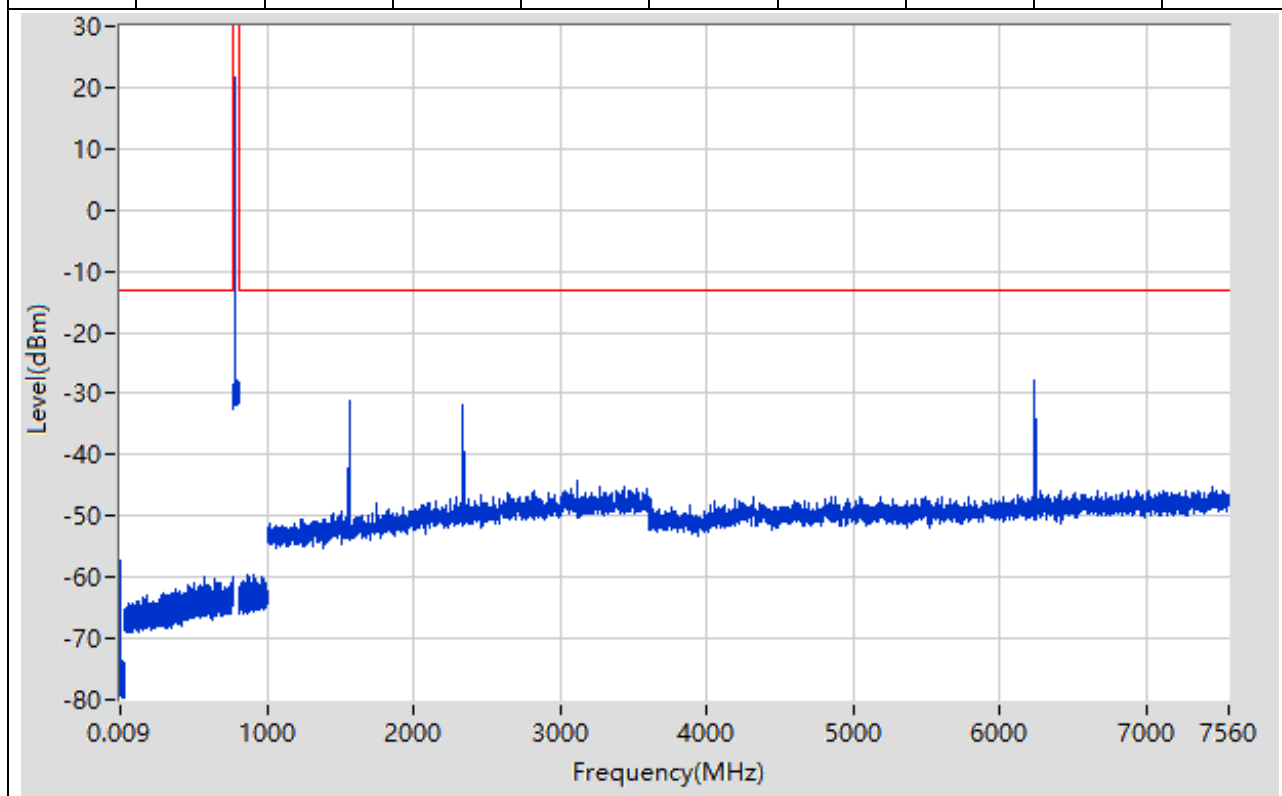
**5.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:23205, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.6       | -13         | 44.6        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.5       | -13         | 42.5        | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 761.3           | -55.77      | -13         | 42.77       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 777.3           | 22.63       | 60          | 37.37       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 977.7           | -59.72      | -13         | 46.72       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2334            | -22.17      | -13         | 9.17        | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6219            | -31.64      | -13         | 18.64       | Pass    | 4561        |



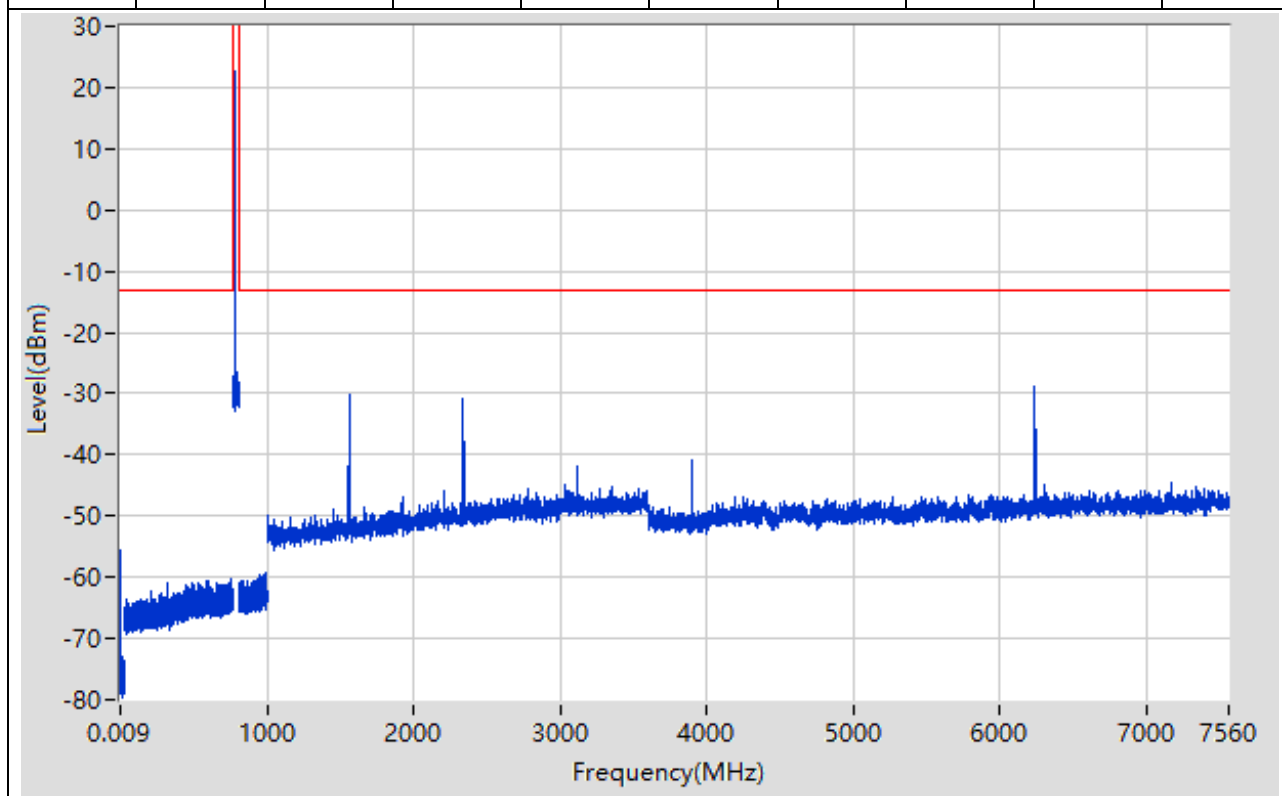
**5.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:23230, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.4       | -13         | 44.4        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.5       | -13         | 44.5        | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 761.8           | -59.82      | -13         | 46.82       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 779.8           | 21.59       | 60          | 38.41       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 911.7           | -59.71      | -13         | 46.71       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1560            | -31.11      | -13         | 18.11       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6239            | -27.74      | -13         | 14.74       | Pass    | 4561        |



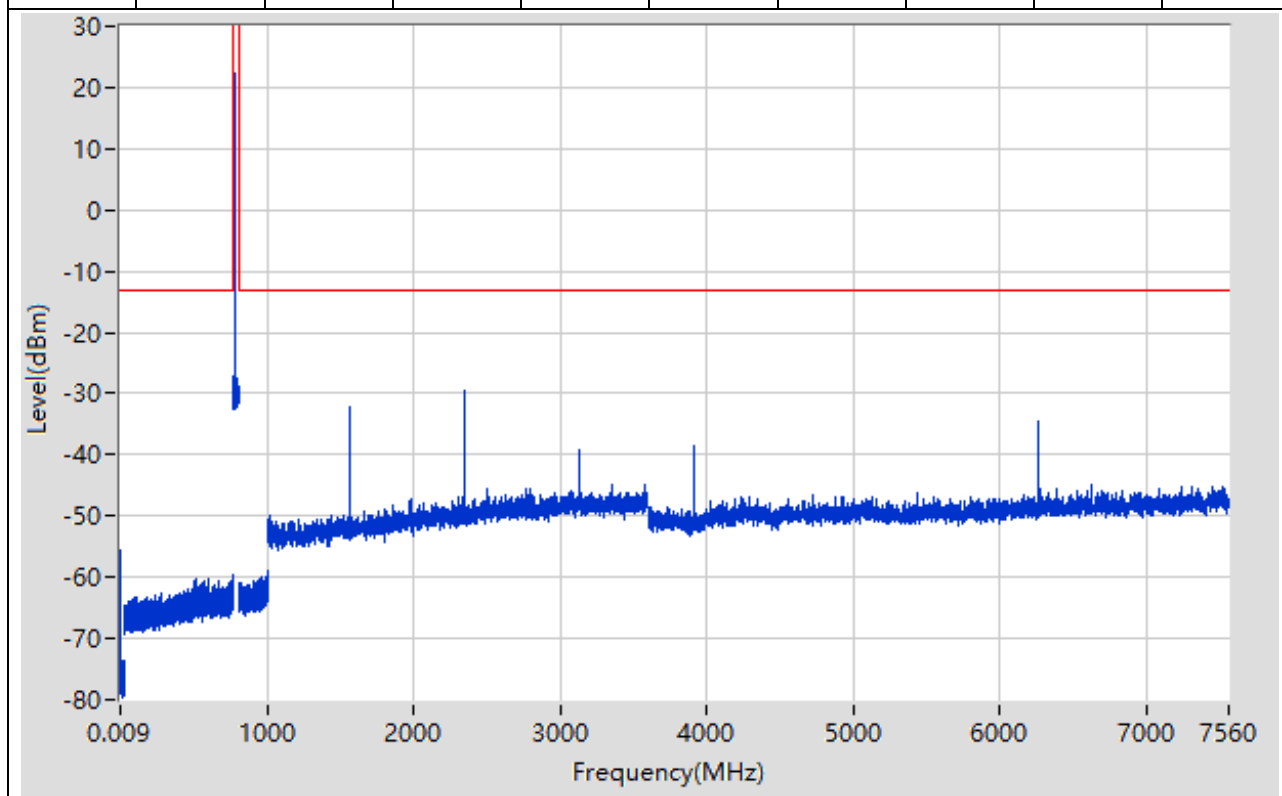
**5.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:23230, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.61      | -13         | 44.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.62      | -13         | 42.62       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 753.5           | -60.2       | -13         | 47.2        | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 779.8           | 22.74       | 60          | 37.26       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 990.2           | -59.25      | -13         | 46.25       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1560            | -30.27      | -13         | 17.27       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6239            | -28.8       | -13         | 15.8        | Pass    | 4561        |



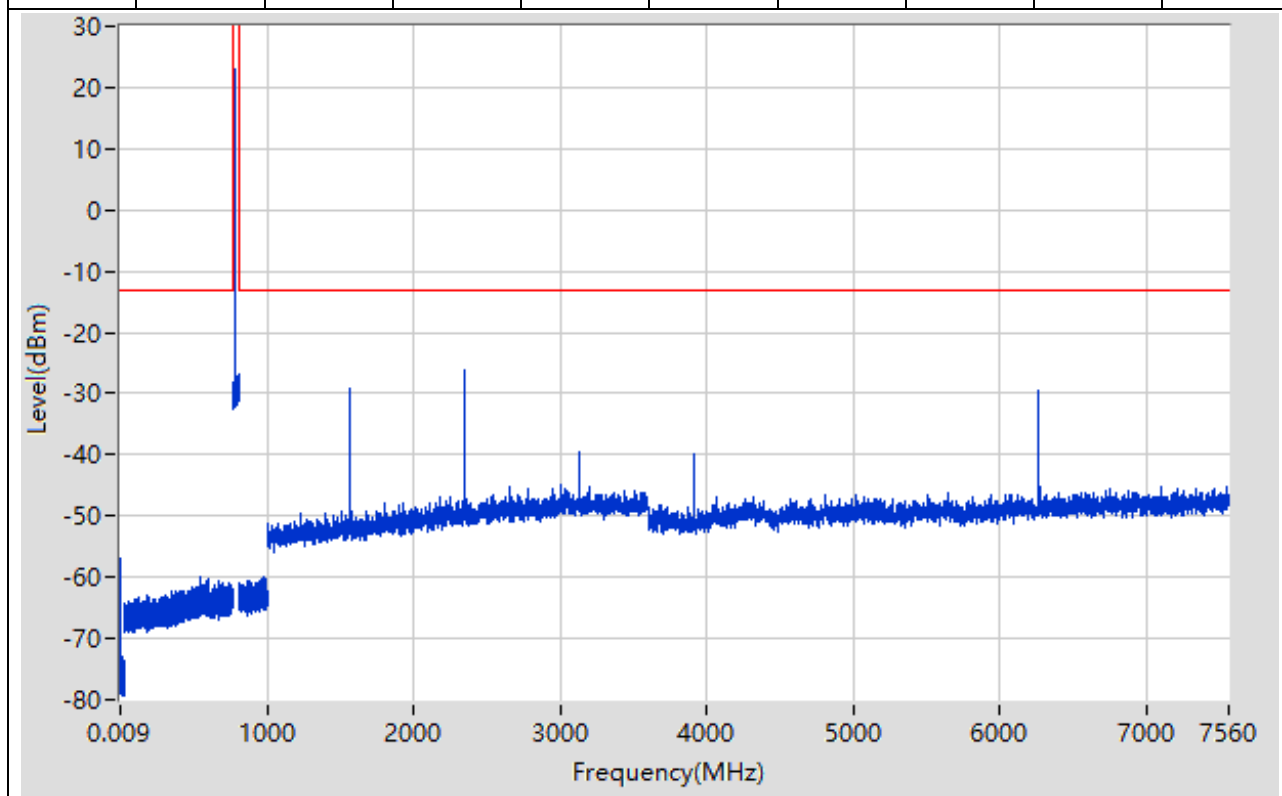
**5.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:23255, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -58.41      | -13         | 45.41       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.59      | -13         | 42.59       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 761.8           | -59.63      | -13         | 46.63       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 783.2           | 22.36       | 60          | 37.64       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 999.2           | -58.99      | -13         | 45.99       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2350            | -29.57      | -13         | 16.57       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6266            | -34.44      | -13         | 21.44       | Pass    | 4561        |



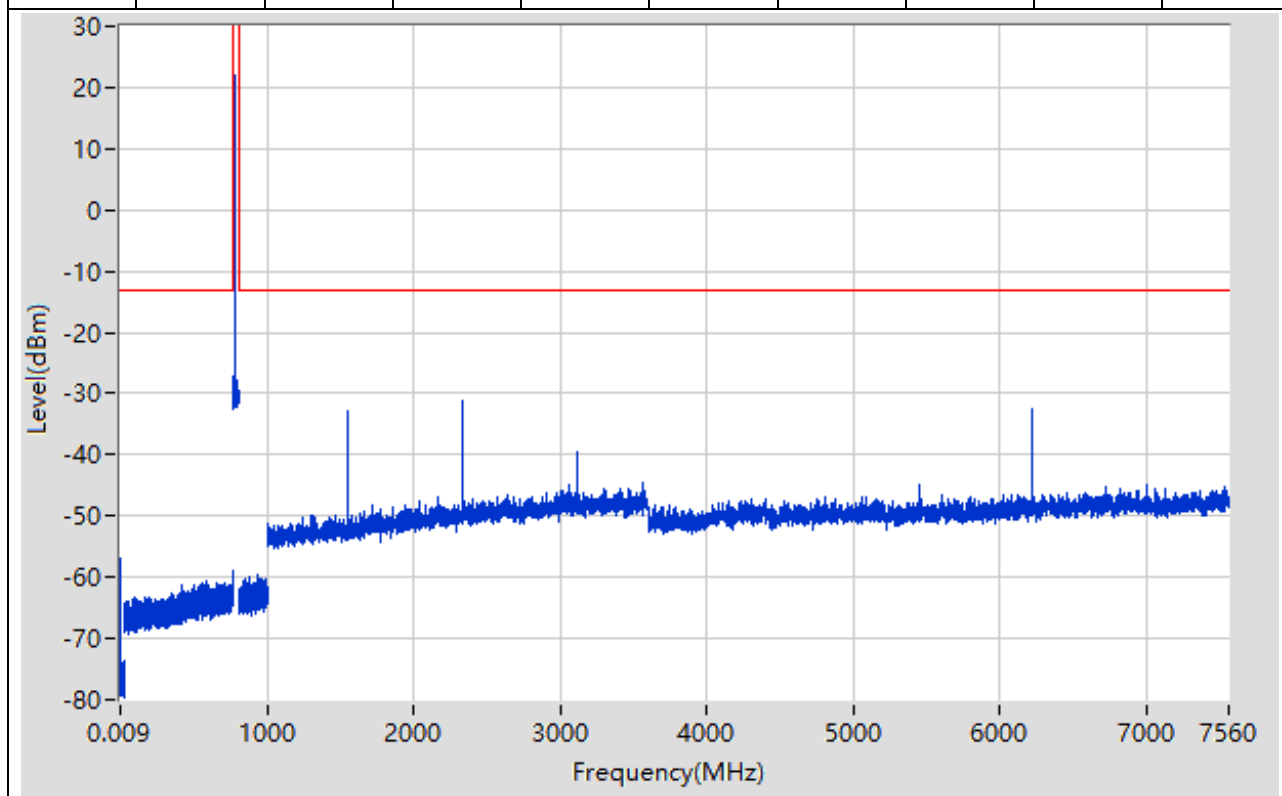
**5.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:23255, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.91      | -13         | 44.91       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.8       | -13         | 43.8        | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 540.9           | -60.06      | -13         | 47.06       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 783.2           | 22.92       | 60          | 37.08       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 981.1           | -59.88      | -13         | 46.88       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2350            | -26.31      | -13         | 13.31       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6266            | -29.45      | -13         | 16.45       | Pass    | 4561        |



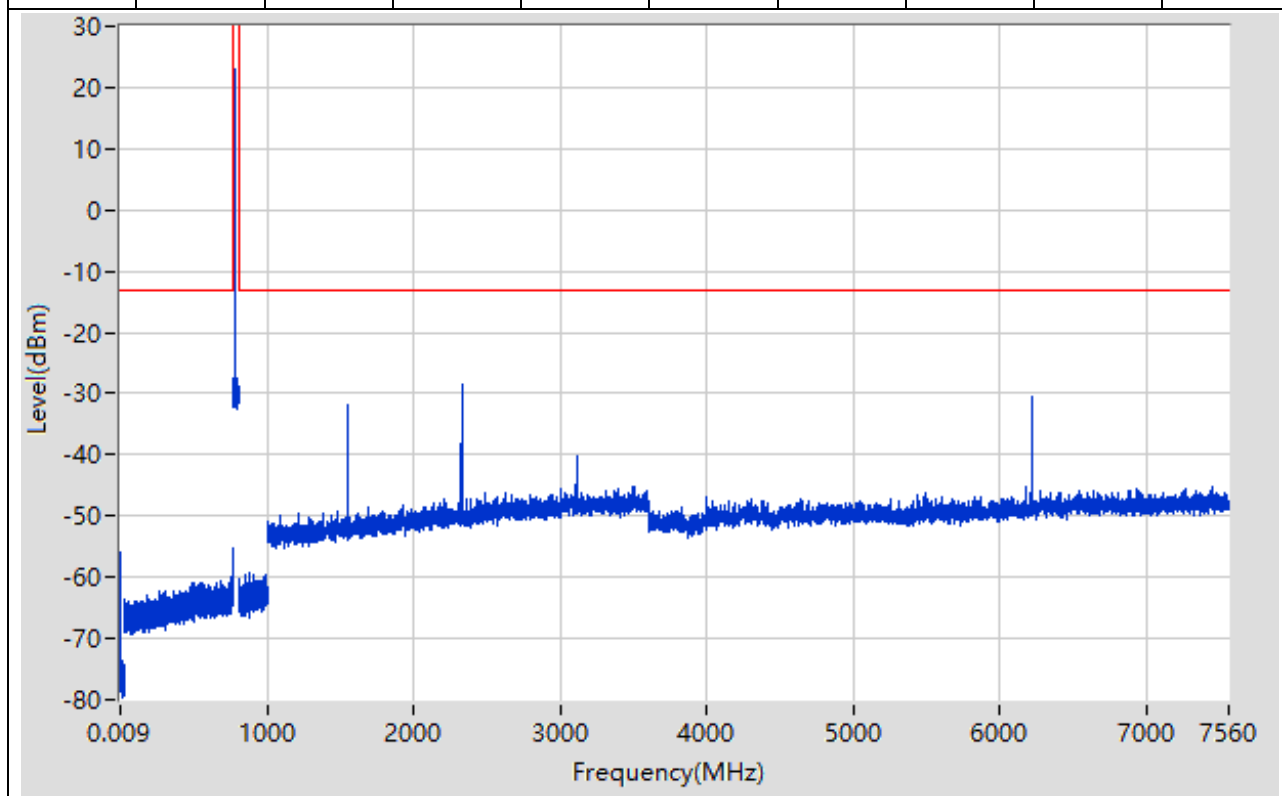
**5.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:23230, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.19      | -13         | 44.19       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.03      | -13         | 44.03       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 762.8           | -58.79      | -13         | 45.79       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 777.8           | 21.86       | 60          | 38.14       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 931             | -59.61      | -13         | 46.61       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2333            | -31.05      | -13         | 18.05       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6222            | -32.6       | -13         | 19.6        | Pass    | 4561        |



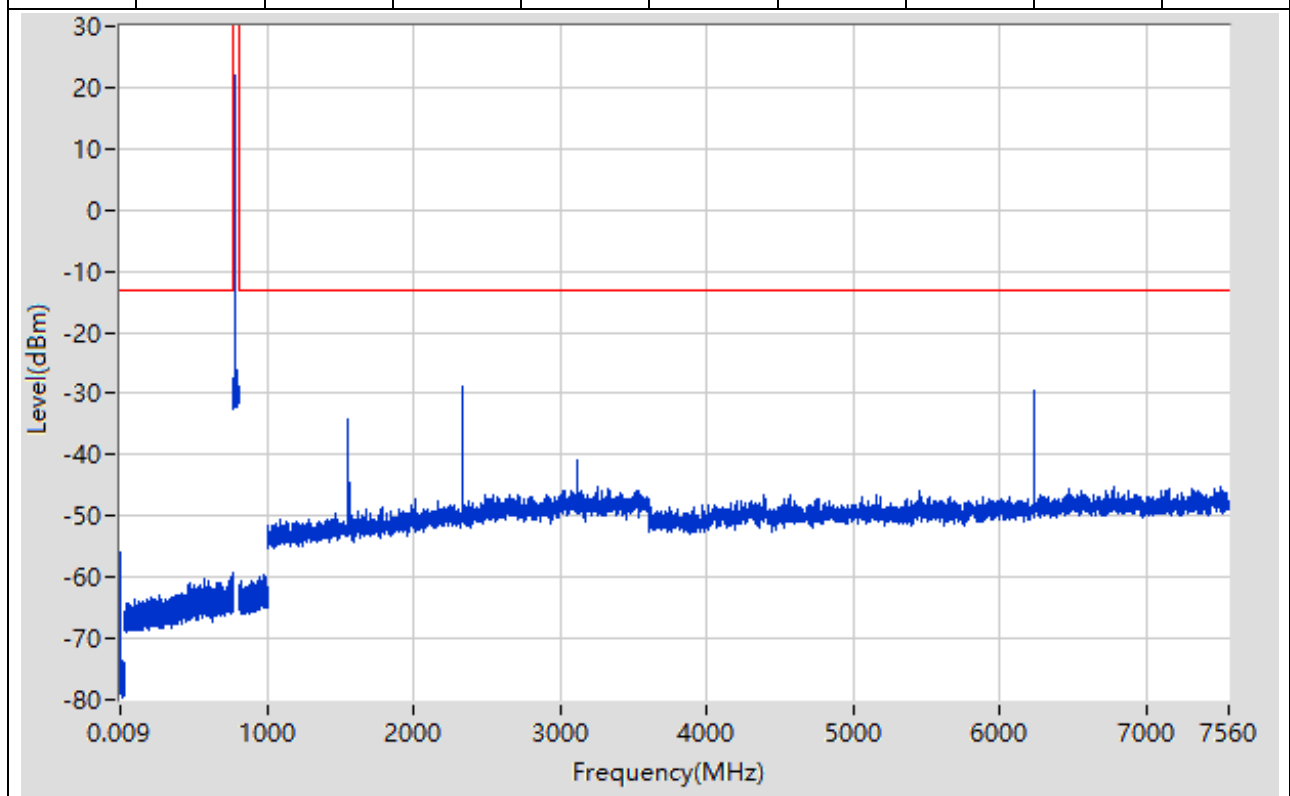
**5.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:23230, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.42      | -13         | 44.42       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.82      | -13         | 42.82       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 762.5           | -55.33      | -13         | 42.33       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 777.8           | 22.9        | 60          | 37.1        | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 877.7           | -59.27      | -13         | 46.27       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2333            | -28.47      | -13         | 15.47       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6222            | -30.44      | -13         | 17.44       | Pass    | 4561        |



**5.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:23230, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

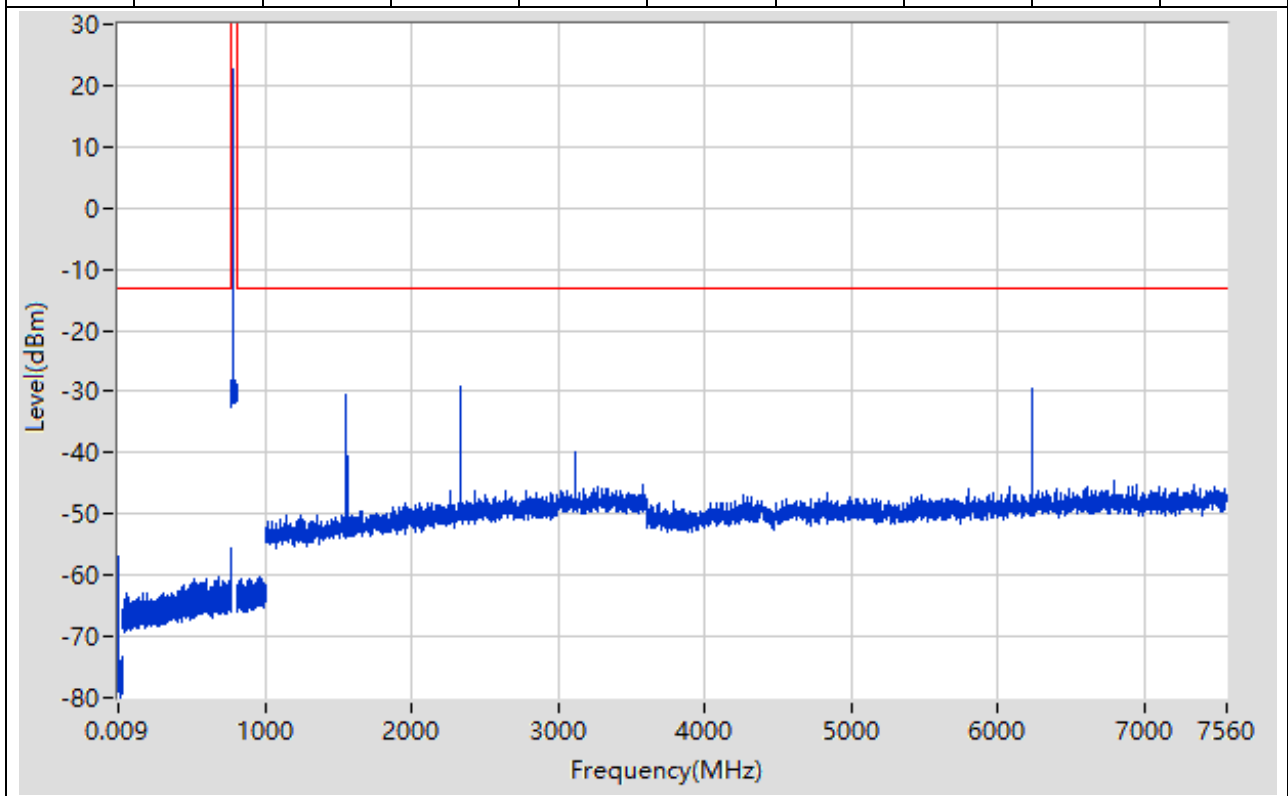
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.72      | -13         | 43.72       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.97      | -13         | 42.97       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 762.5           | -59.37      | -13         | 46.37       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 778.6           | 22.11       | 60          | 37.89       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 980.9           | -59.48      | -13         | 46.48       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2336            | -28.78      | -13         | 15.78       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6229            | -29.4       | -13         | 16.4        | Pass    | 4561        |



### 5.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:23230, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

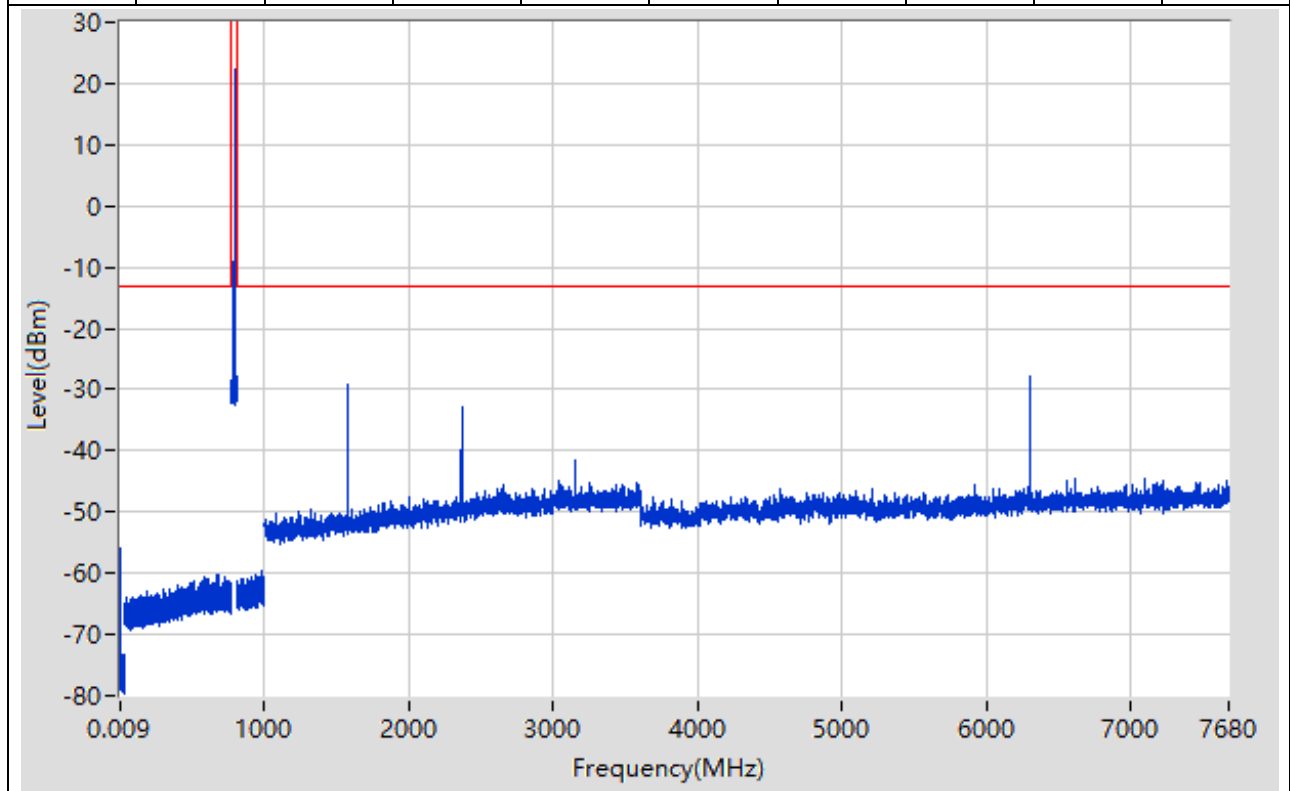
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.01      | -13         | 44.01       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.66      | -13         | 44.66       | Pass    | 2986        |
| 30                    | 763                  | 0.1       | RMS      | 762.1           | -55.65      | -13         | 42.65       | Pass    | 7331        |
| 763                   | 805                  | 0.1       | RMS      | 778.6           | 22.69       | 60          | 37.31       | Pass    | 421         |
| 805                   | 1000                 | 0.1       | RMS      | 966.3           | -60.2       | -13         | 47.2        | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2336            | -29.15      | -13         | 16.15       | Pass    | 2001        |
| 3000                  | 7560                 | 1         | RMS      | 6229            | -29.55      | -13         | 16.55       | Pass    | 4561        |



## 6. Cat-M\_Band14

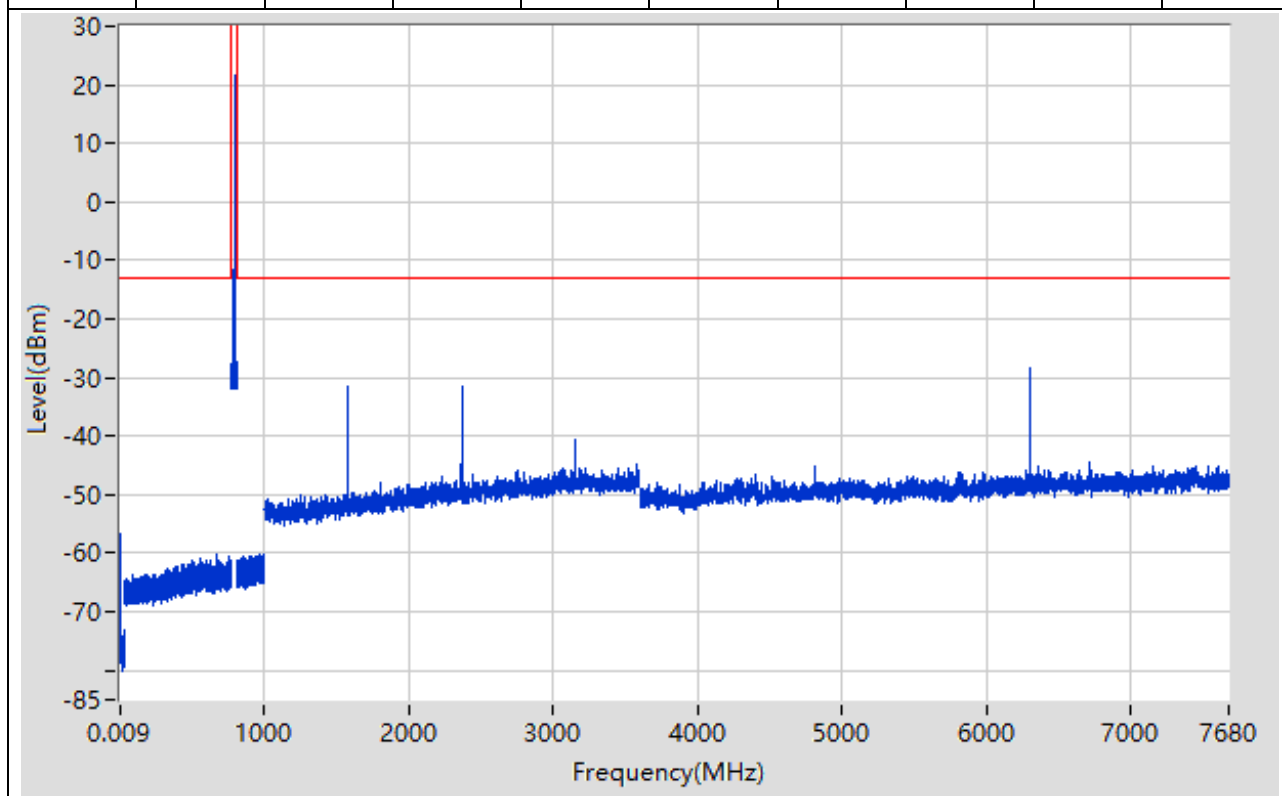
6.1. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:1, Channel:23305, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.09      | -13         | 44.09       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.76      | -13         | 42.76       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 681.8           | -60.21      | -13         | 47.21       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 788.35          | 22.19       | 60          | 37.81       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 978.7           | -59.73      | -13         | 46.73       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1577            | -29.15      | -13         | 16.15       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6307            | -27.71      | -13         | 14.71       | Pass    | 4681        |



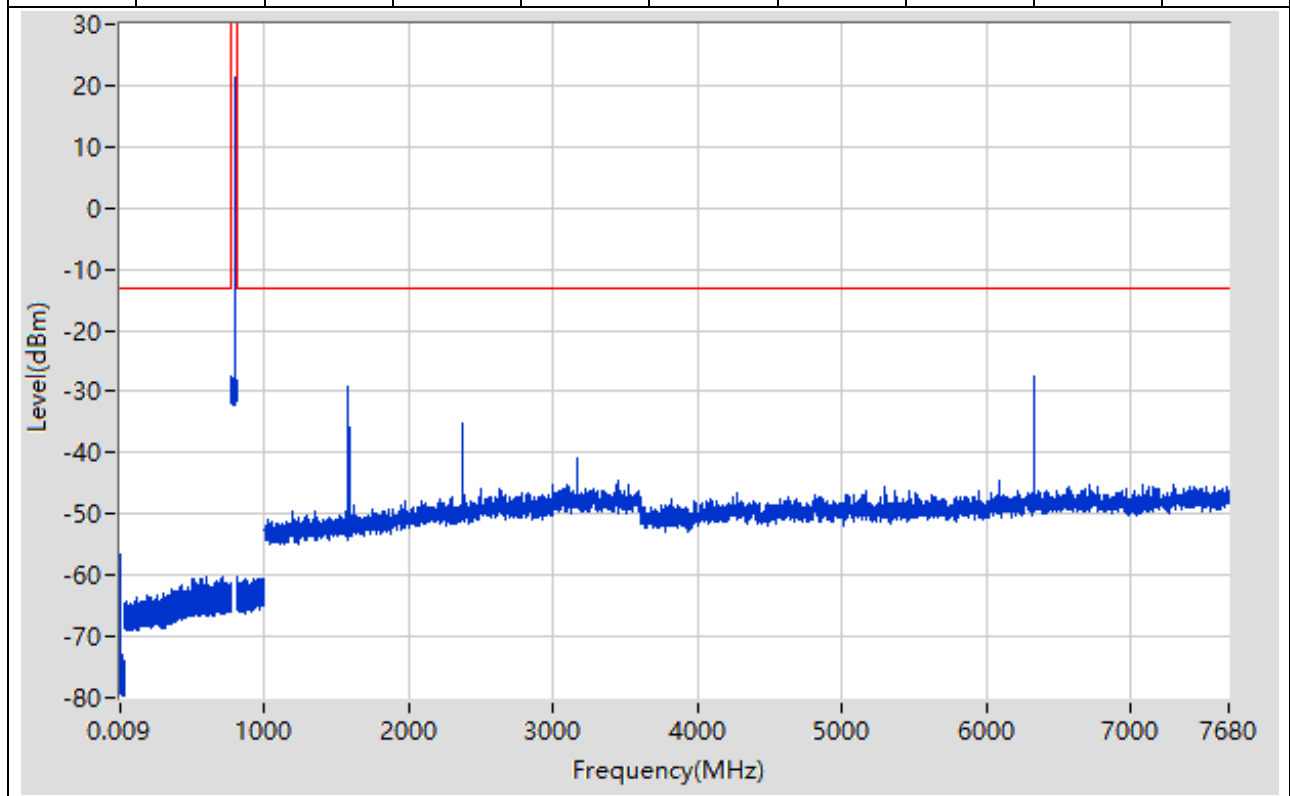
**6.2. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:2, Channel:23305, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.02      | -13         | 44.02       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.85      | -13         | 43.85       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 664.8           | -60.28      | -13         | 47.28       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 788.26          | 21.74       | 60          | 38.26       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 990.4           | -60.29      | -13         | 47.29       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2365            | -31.45      | -13         | 18.45       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6307            | -28.39      | -13         | 15.39       | Pass    | 4681        |



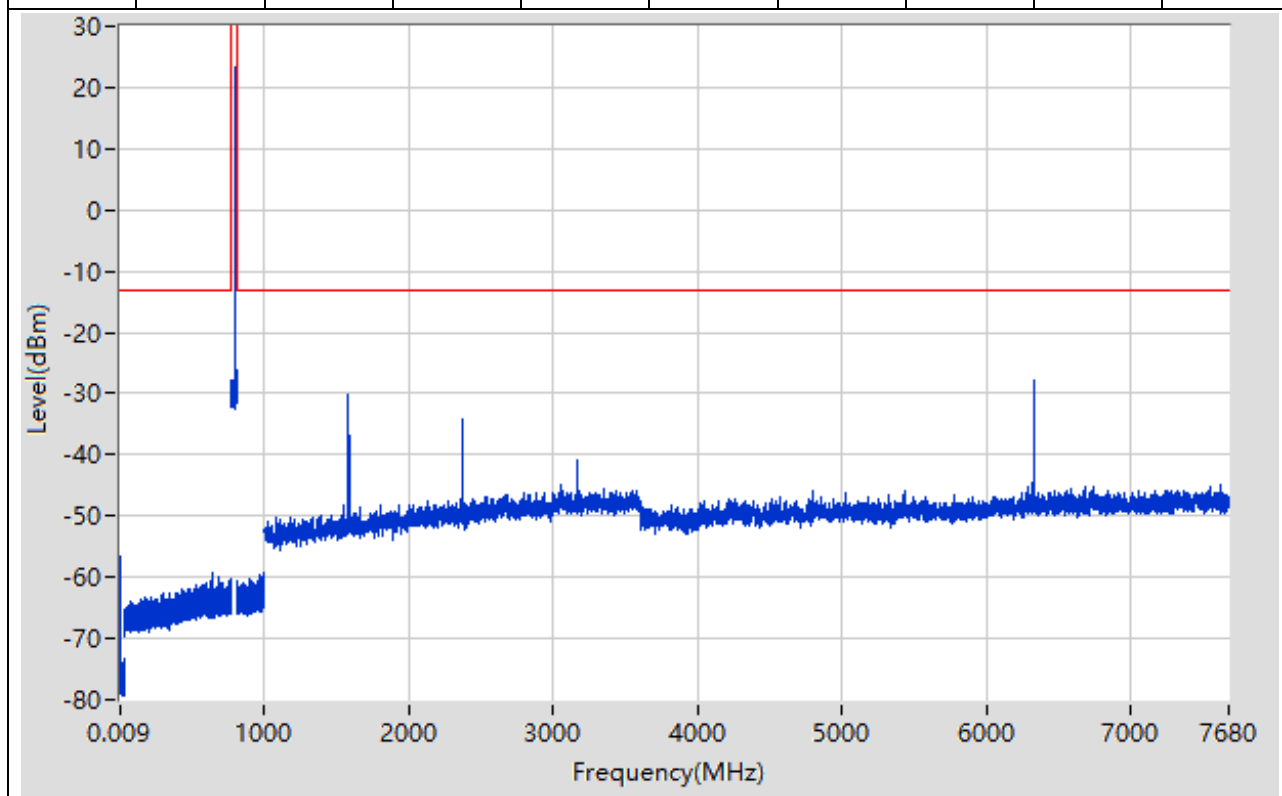
### 6.3. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:3, Channel:23330, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.75      | -13         | 43.75       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.98      | -13         | 43.98       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 705.7           | -60.19      | -13         | 47.19       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 790.78          | 21.21       | 60          | 38.79       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 807.4           | -60.39      | -13         | 47.39       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1582            | -29.15      | -13         | 16.15       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6327            | -27.53      | -13         | 14.53       | Pass    | 4681        |



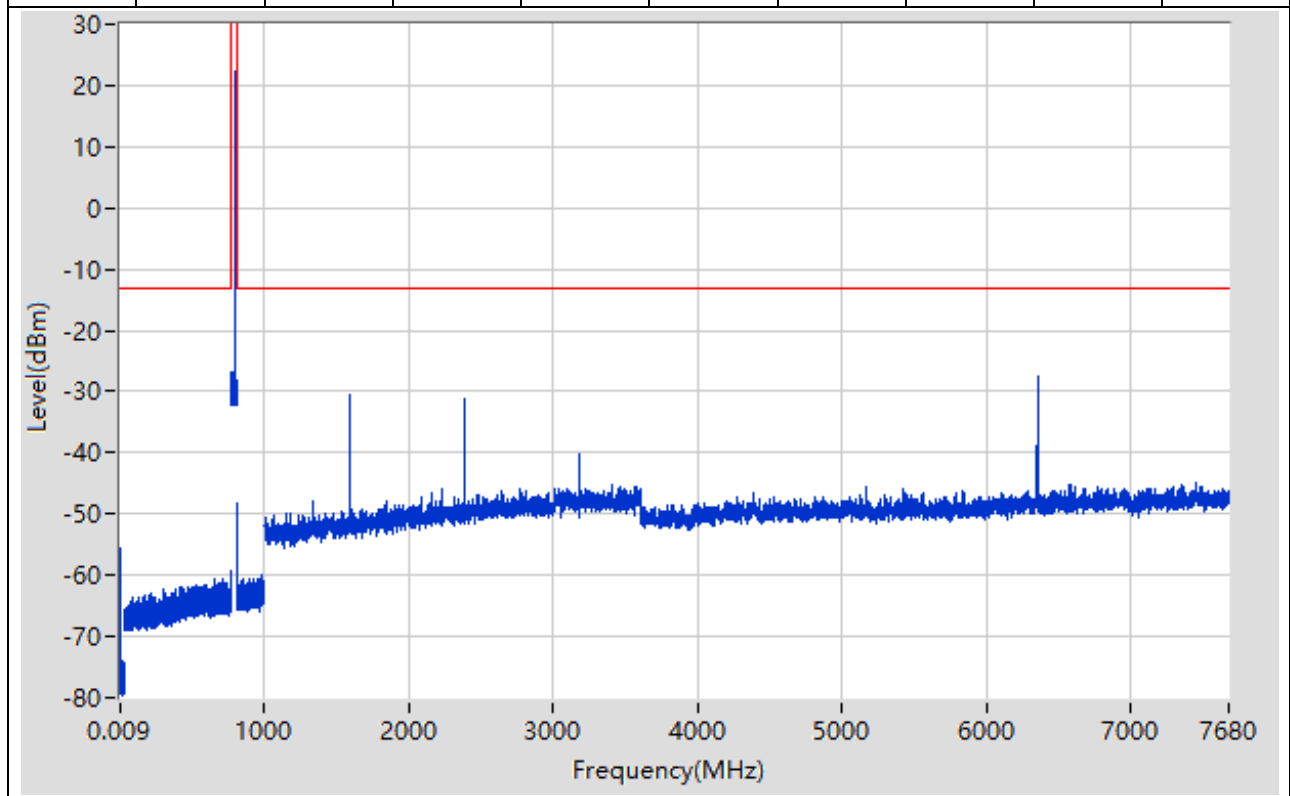
**6.4. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:4, Channel:23330, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.8       | -13         | 43.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.47      | -13         | 43.47       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 634.6           | -59.17      | -13         | 46.17       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 790.78          | 23.26       | 60          | 36.74       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 987.7           | -59.39      | -13         | 46.39       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1582            | -30.04      | -13         | 17.04       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6326            | -27.7       | -13         | 14.7        | Pass    | 4681        |



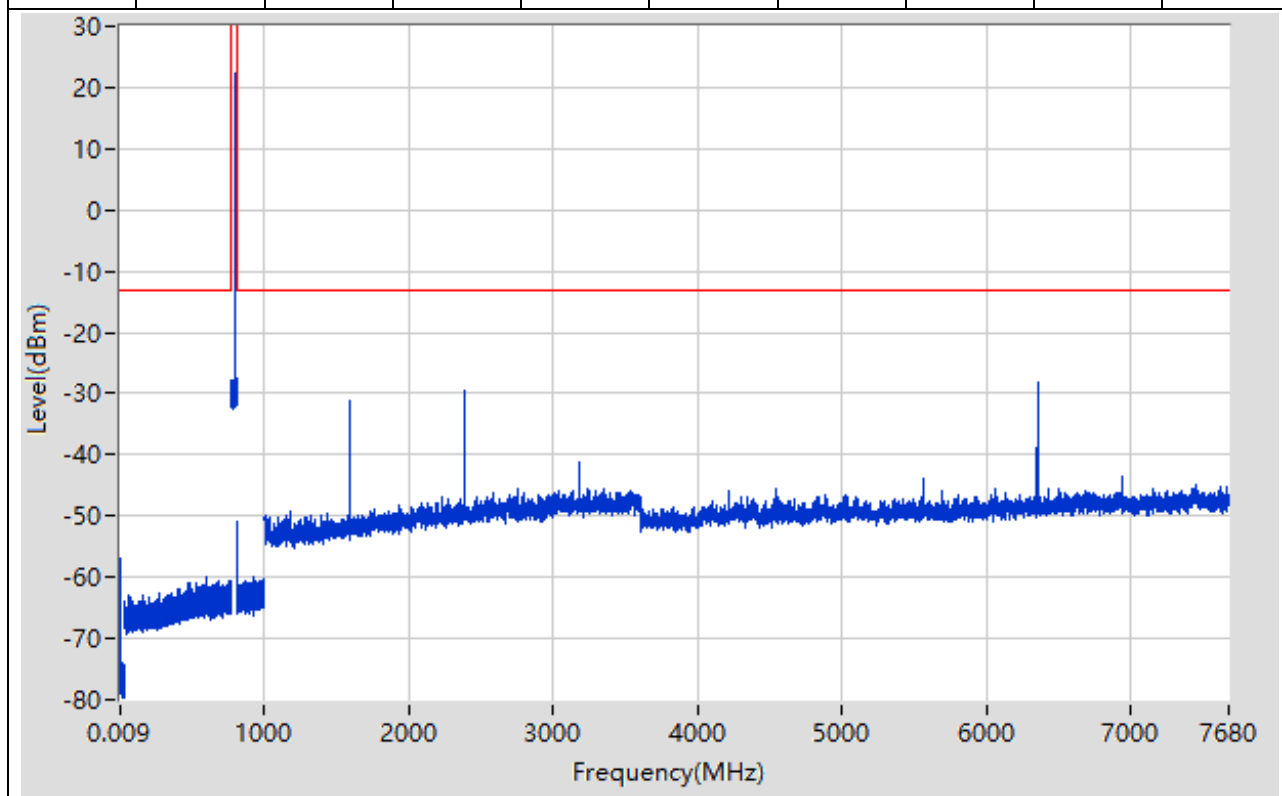
**6.5. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:5, Channel:23355, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.66      | -13         | 42.66       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.65      | -13         | 42.65       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 759.9           | -59.27      | -13         | 46.27       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 794.2           | 22.33       | 60          | 37.67       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 806.1           | -48.39      | -13         | 35.39       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1588            | -30.42      | -13         | 17.42       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6354            | -27.53      | -13         | 14.53       | Pass    | 4681        |



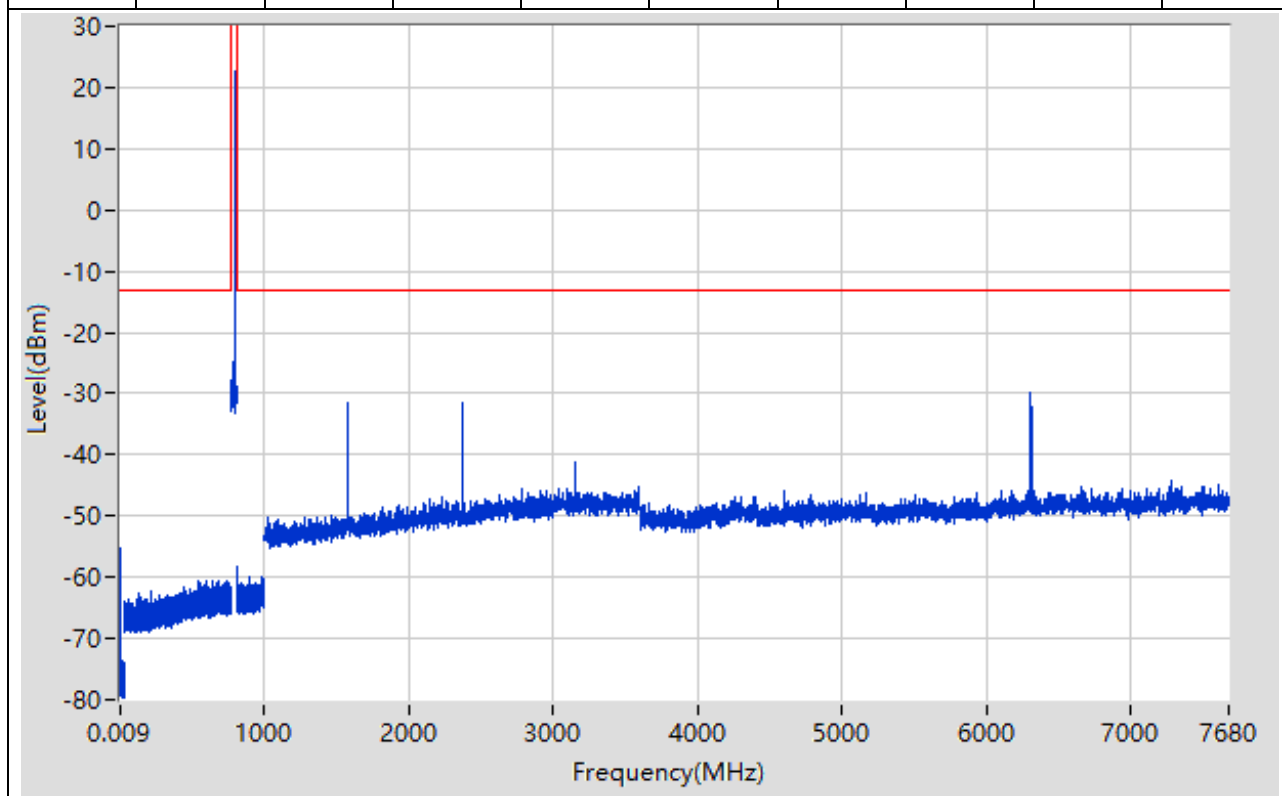
**6.6. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:6, Channel:23355, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.05      | -13         | 44.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.28      | -13         | 44.28       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 602.4           | -60.03      | -13         | 47.03       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 794.29          | 22.21       | 60          | 37.79       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 805.9           | -50.84      | -13         | 37.84       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2383            | -29.46      | -13         | 16.46       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6354            | -28.21      | -13         | 15.21       | Pass    | 4681        |



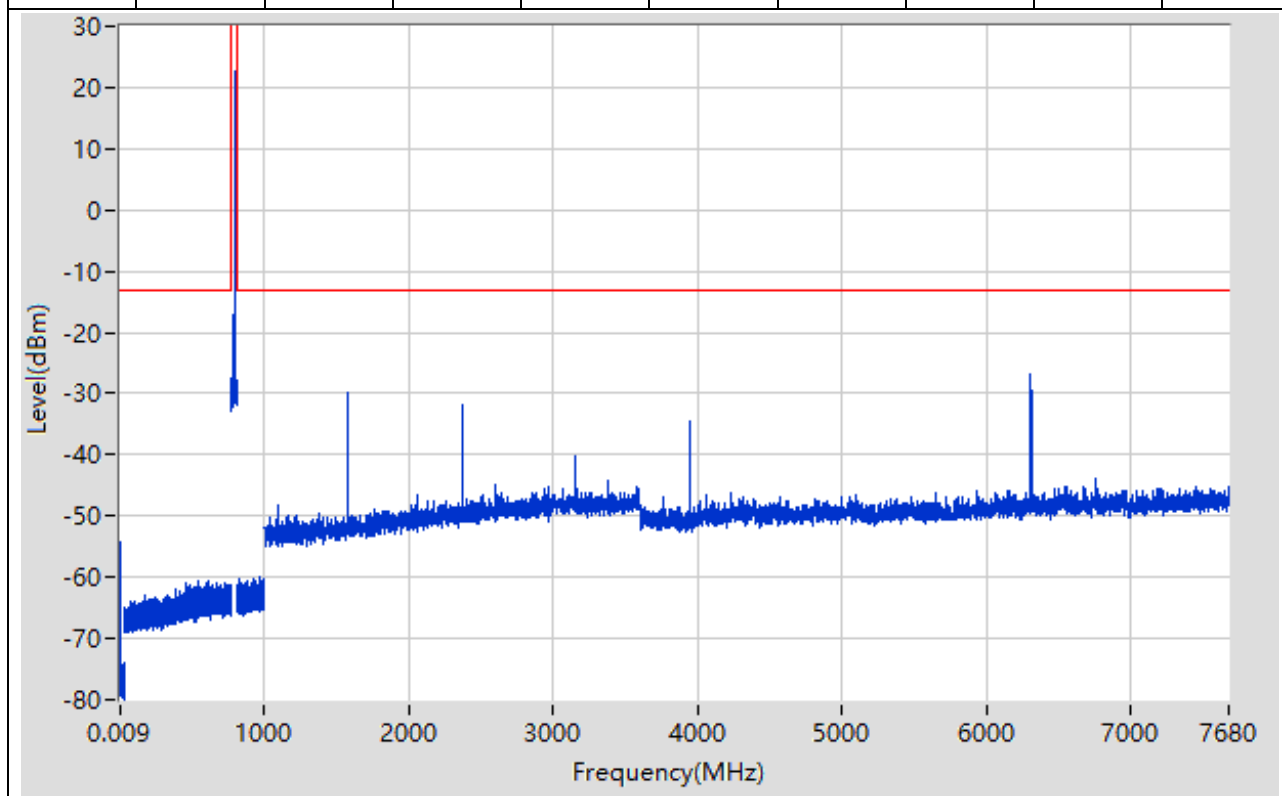
**6.7. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:7, Channel:23330, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.06      | -13         | 43.06       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.32      | -13         | 42.32       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 590.5           | -60.53      | -13         | 47.53       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 788.71          | 22.56       | 60          | 37.44       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 805.2           | -58.24      | -13         | 45.24       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2366            | -31.36      | -13         | 18.36       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6310            | -29.88      | -13         | 16.88       | Pass    | 4681        |



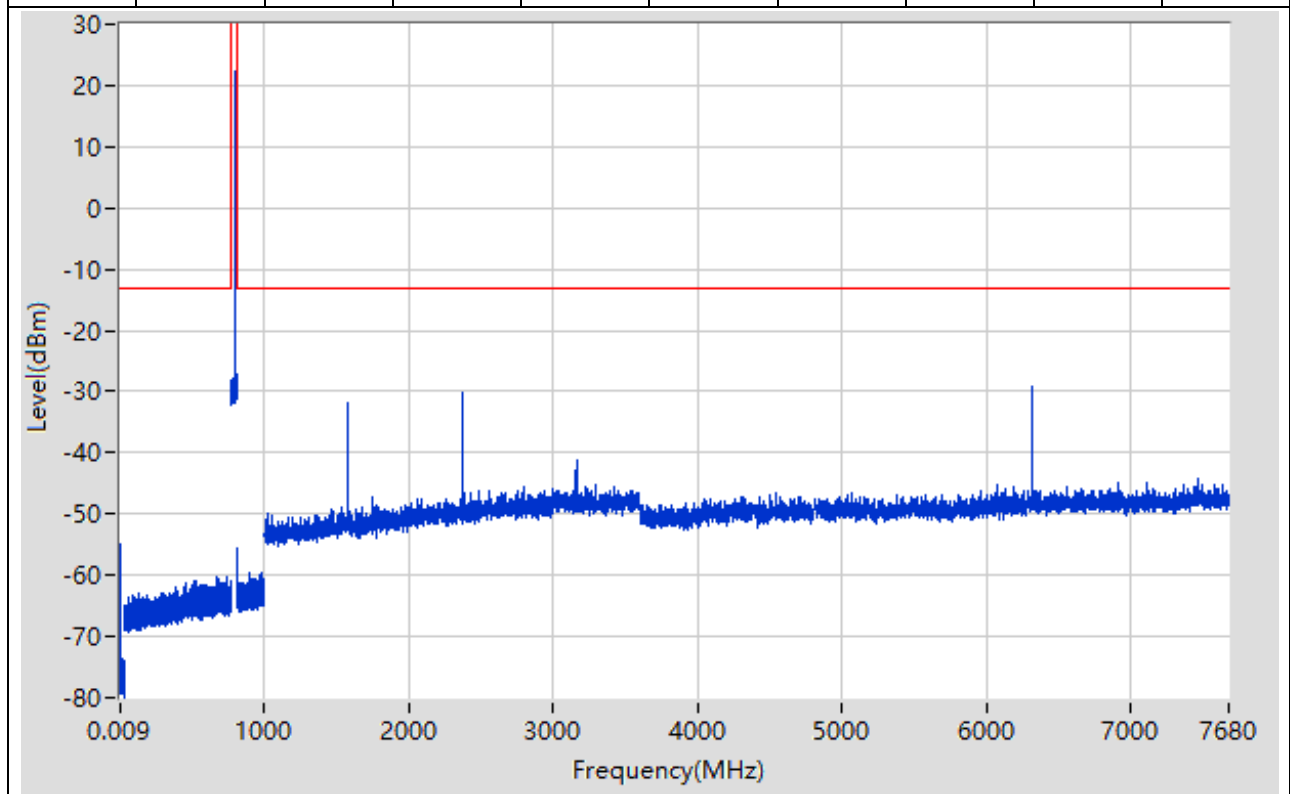
**6.8. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:8, Channel:23330, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -56.68      | -13         | 43.68       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -54.32      | -13         | 41.32       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 543.5           | -60.69      | -13         | 47.69       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 788.71          | 22.67       | 60          | 37.33       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 968.1           | -60.04      | -13         | 47.04       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 1578            | -29.7       | -13         | 16.7        | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6310            | -26.74      | -13         | 13.74       | Pass    | 4681        |



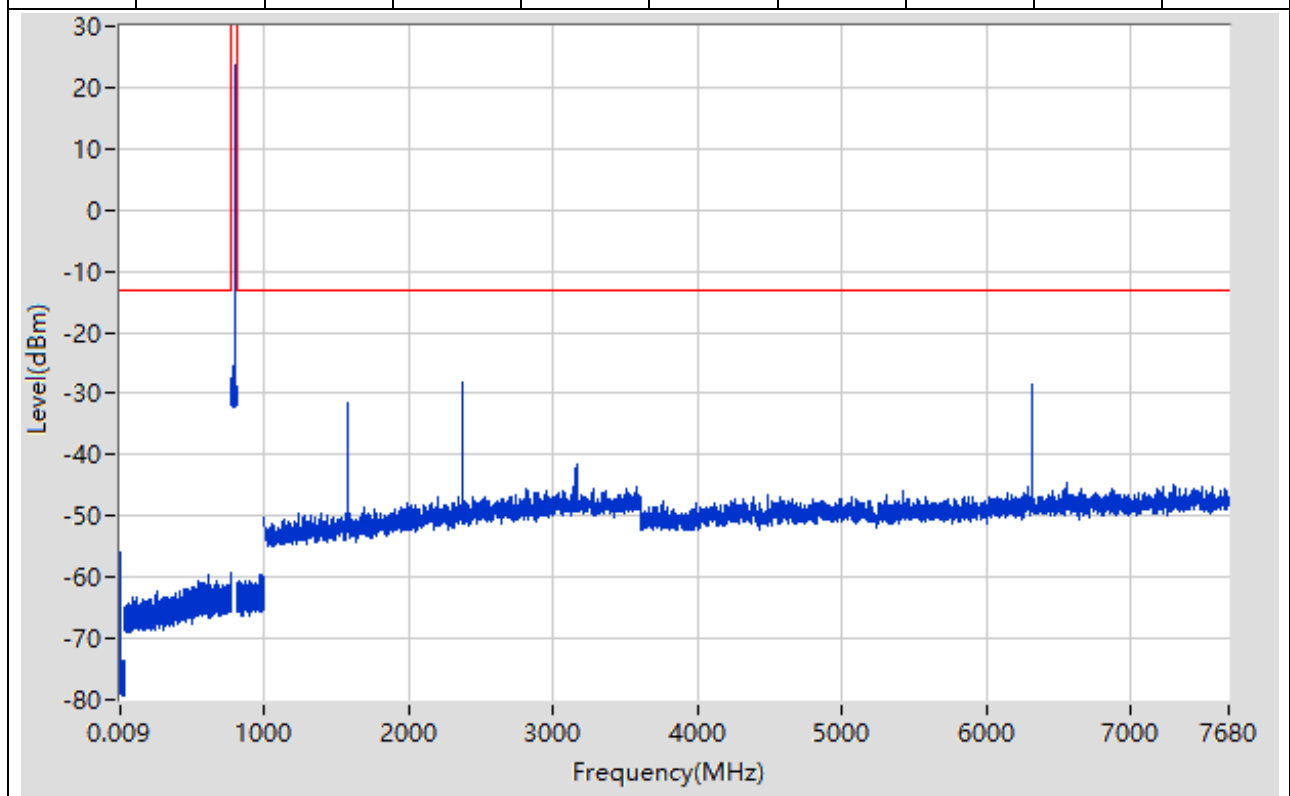
**6.9. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:9, Channel:23330, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.93      | -13         | 43.93       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.82      | -13         | 41.82       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 670.1           | -60.23      | -13         | 47.23       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 789.7           | 22.47       | 60          | 37.53       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 805.7           | -55.74      | -13         | 42.74       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2369            | -30.19      | -13         | 17.19       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6317            | -29.32      | -13         | 16.32       | Pass    | 4681        |



**6.10. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:10, Channel:23330, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

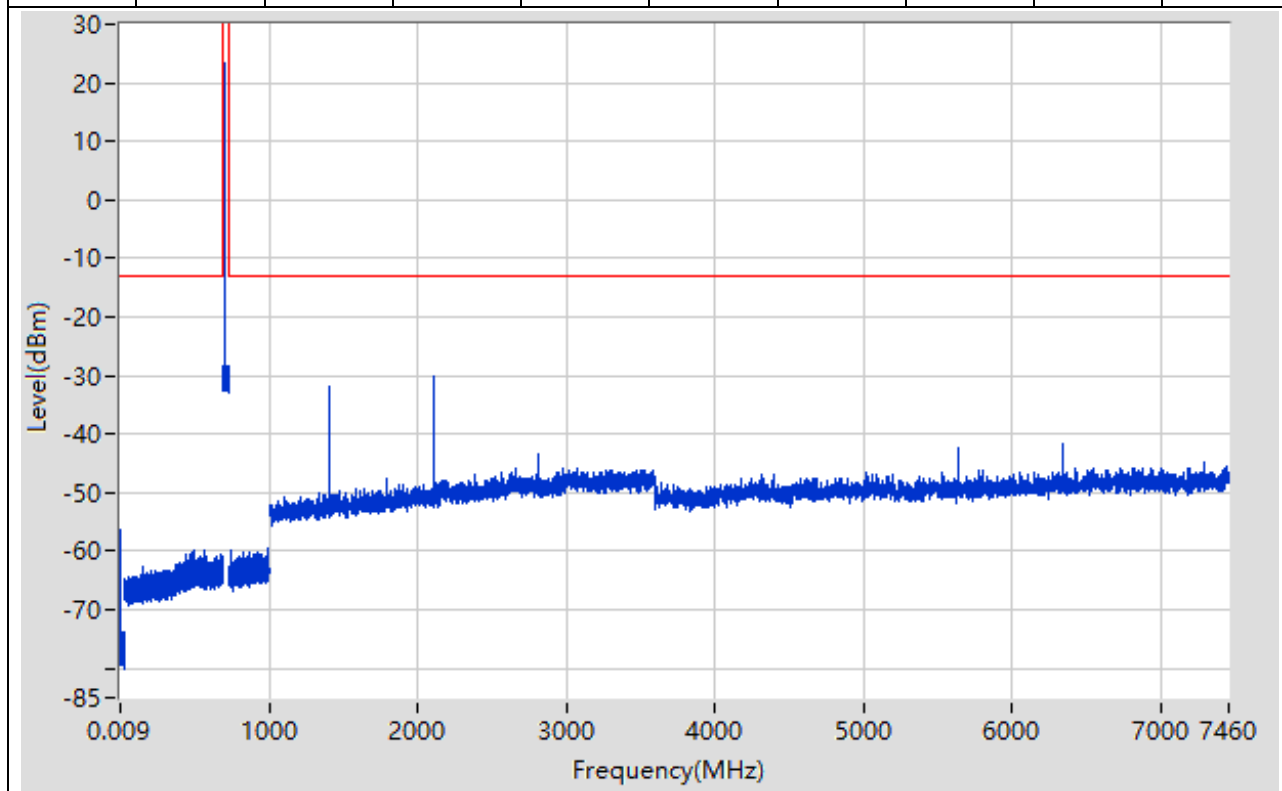
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -57.52      | -13         | 44.52       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.09      | -13         | 43.09       | Pass    | 2986        |
| 30                    | 769                  | 0.1       | RMS      | 767.6           | -59.19      | -13         | 46.19       | Pass    | 7391        |
| 769                   | 805                  | 0.1       | RMS      | 789.61          | 23.81       | 60          | 36.19       | Pass    | 401         |
| 805                   | 1000                 | 0.1       | RMS      | 966.3           | -59.73      | -13         | 46.73       | Pass    | 1951        |
| 1000                  | 3000                 | 1         | RMS      | 2369            | -28.18      | -13         | 15.18       | Pass    | 2001        |
| 3000                  | 7680                 | 1         | RMS      | 6317            | -28.5       | -13         | 15.5        | Pass    | 4681        |



## 7. Cat-M\_Band17

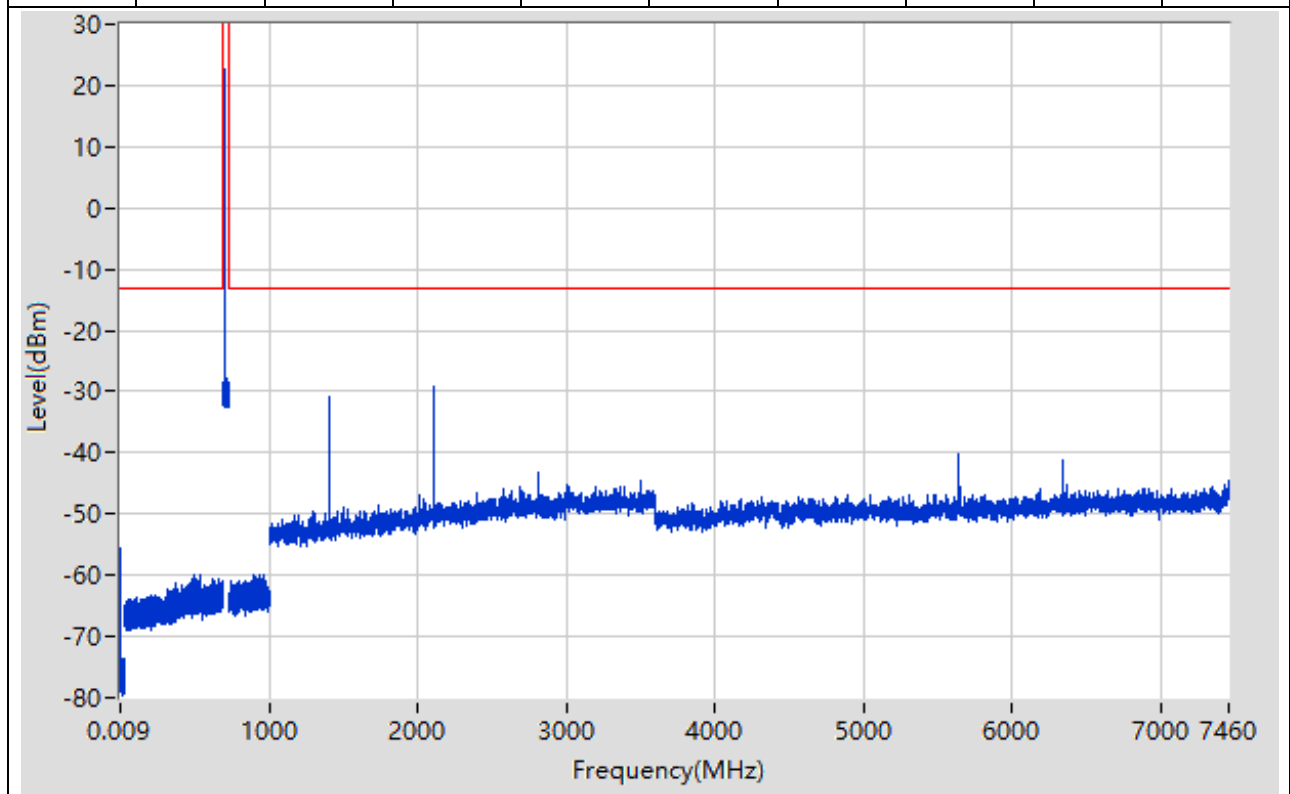
7.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.07      | -13         | 44.07       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.22      | -13         | 43.22       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 571.5           | -59.83      | -13         | 46.83       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 704.3           | 23.21       | 60          | 36.79       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 991.7           | -59.54      | -13         | 46.54       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2113            | -30.12      | -13         | 17.12       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6339            | -41.56      | -13         | 28.56       | Pass    | 4461        |



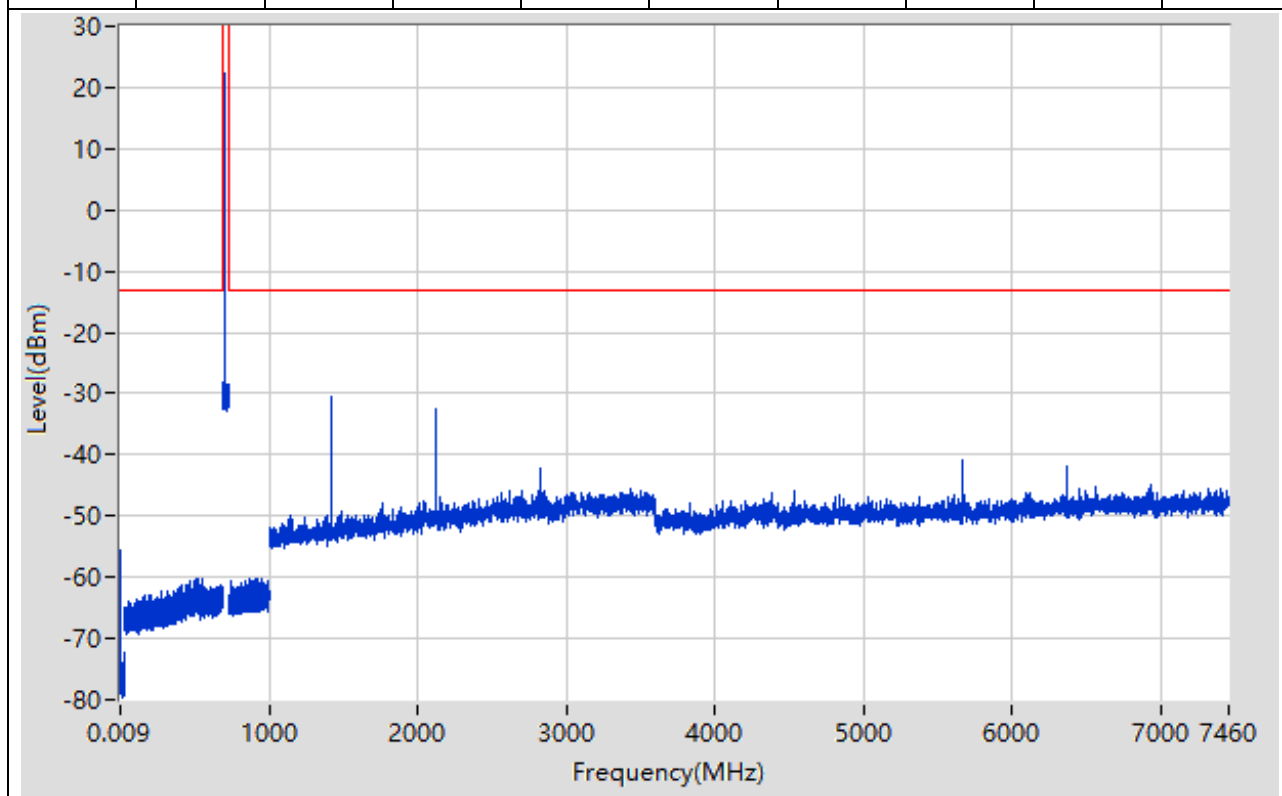
**7.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:23755, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.65      | -13         | 44.65       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.75      | -13         | 42.75       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 541.8           | -59.83      | -13         | 46.83       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 704.3           | 22.59       | 60          | 37.41       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 933.5           | -59.85      | -13         | 46.85       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2113            | -29.21      | -13         | 16.21       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5635            | -40.09      | -13         | 27.09       | Pass    | 4461        |



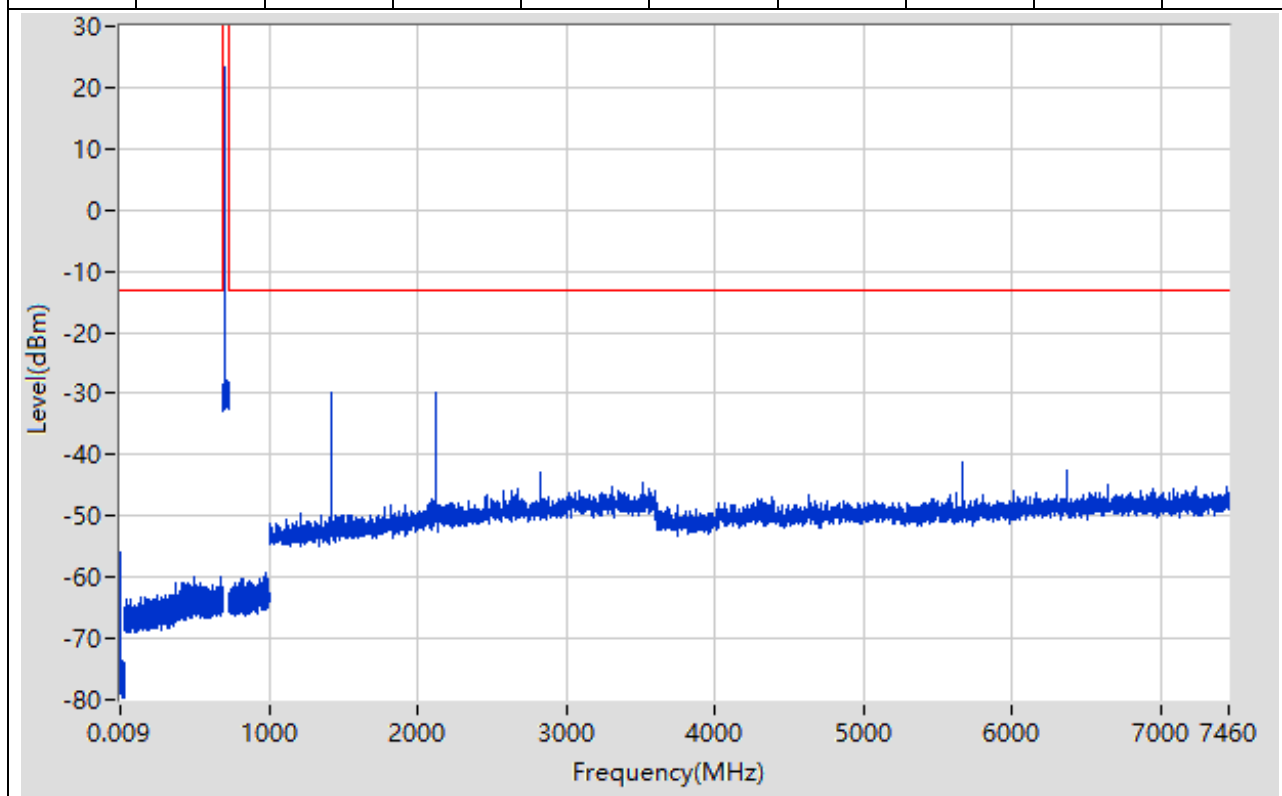
**7.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.63      | -13         | 42.63       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.62      | -13         | 44.62       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 554.9           | -60.14      | -13         | 47.14       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 707.8           | 22.47       | 60          | 37.53       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 873.6           | -60.13      | -13         | 47.13       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 1416            | -30.61      | -13         | 17.61       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5663            | -40.86      | -13         | 27.86       | Pass    | 4461        |



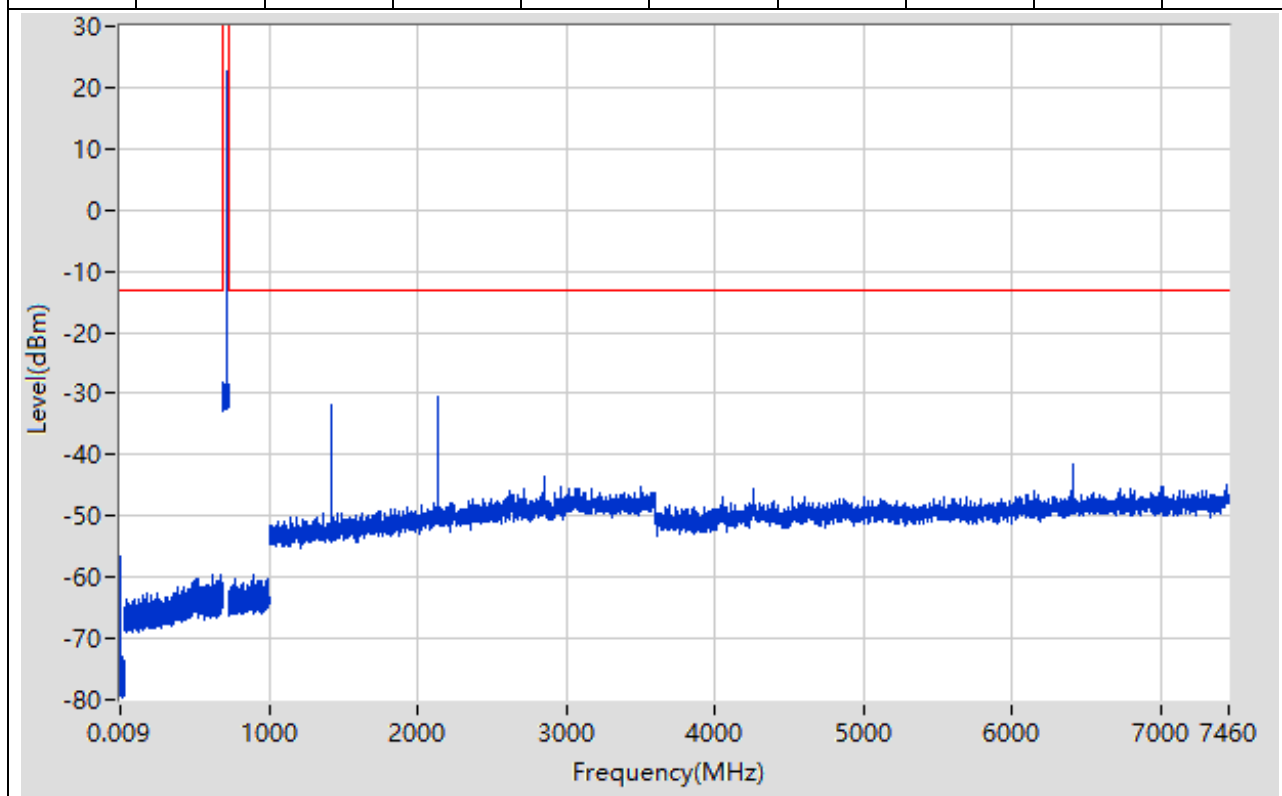
**7.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:23790, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -55.85      | -13         | 42.85       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.88      | -13         | 44.88       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 682.3           | -59.8       | -13         | 46.8        | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 707.8           | 23.24       | 60          | 36.76       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 976.7           | -59.41      | -13         | 46.41       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 1416            | -29.8       | -13         | 16.8        | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5663            | -41.18      | -13         | 28.18       | Pass    | 4461        |



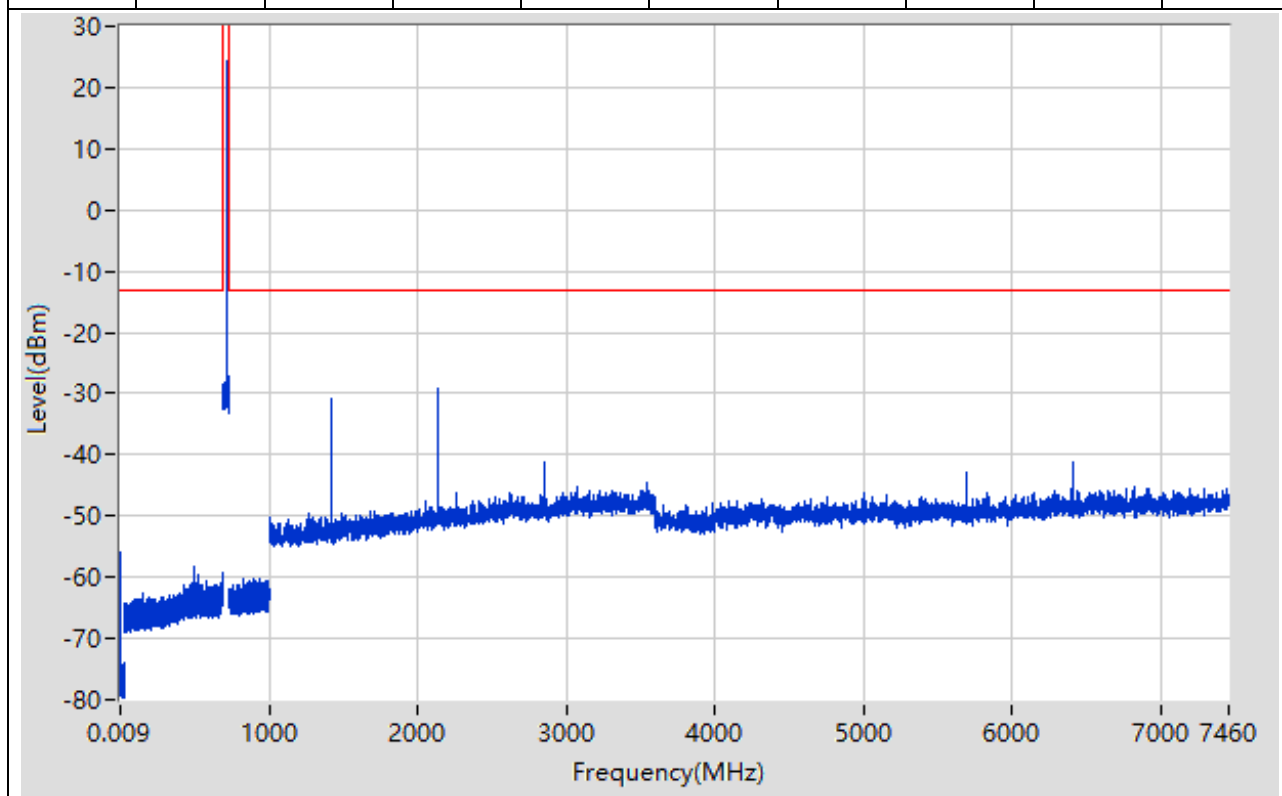
**7.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:23825, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.79      | -13         | 43.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.56      | -13         | 43.56       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 620.5           | -59.59      | -13         | 46.59       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 712.2           | 22.8        | 60          | 37.2        | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 897.3           | -59.73      | -13         | 46.73       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2137            | -30.47      | -13         | 17.47       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6410            | -41.66      | -13         | 28.66       | Pass    | 4461        |



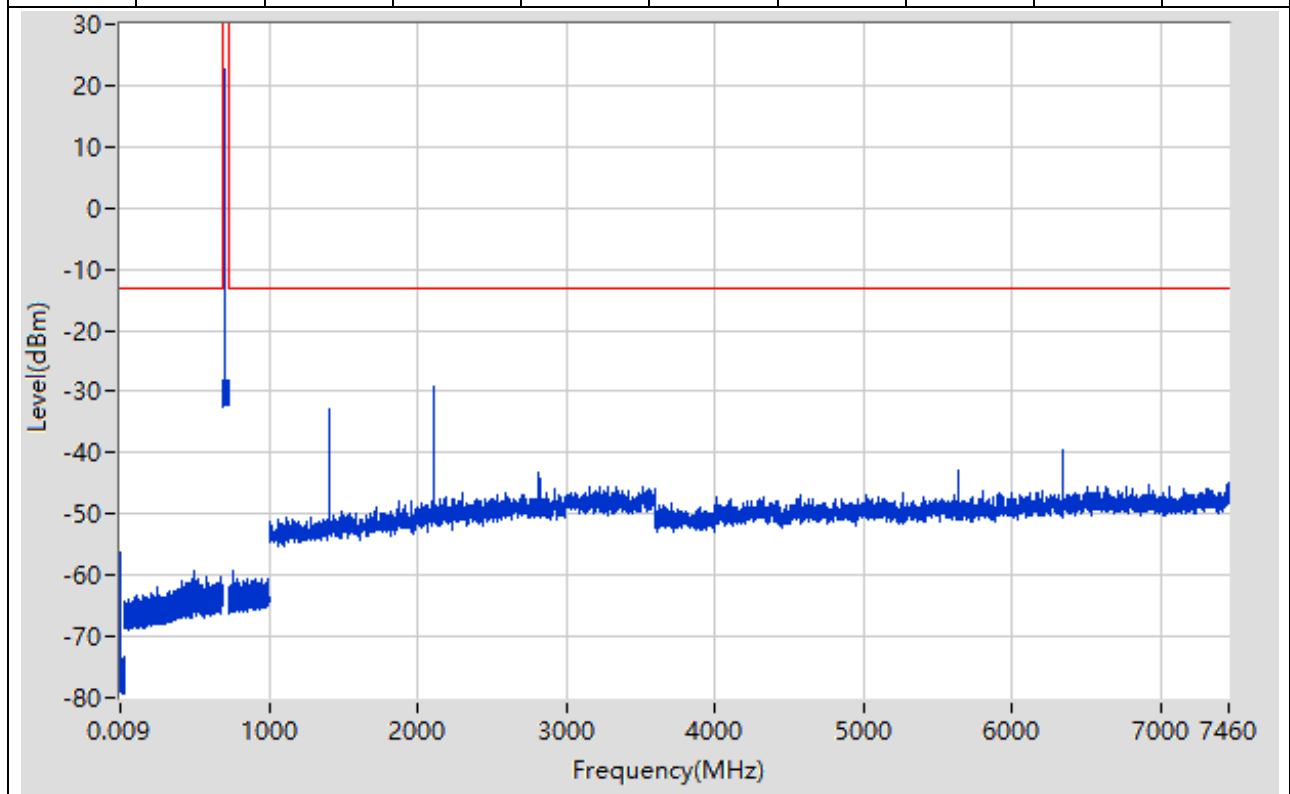
**7.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:23825, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.04      | -13         | 43.04       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.71      | -13         | 43.71       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 493             | -58.42      | -13         | 45.42       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 712.2           | 24.24       | 60          | 35.76       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 829.6           | -60.35      | -13         | 47.35       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2137            | -29.08      | -13         | 16.08       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6410            | -41.21      | -13         | 28.21       | Pass    | 4461        |



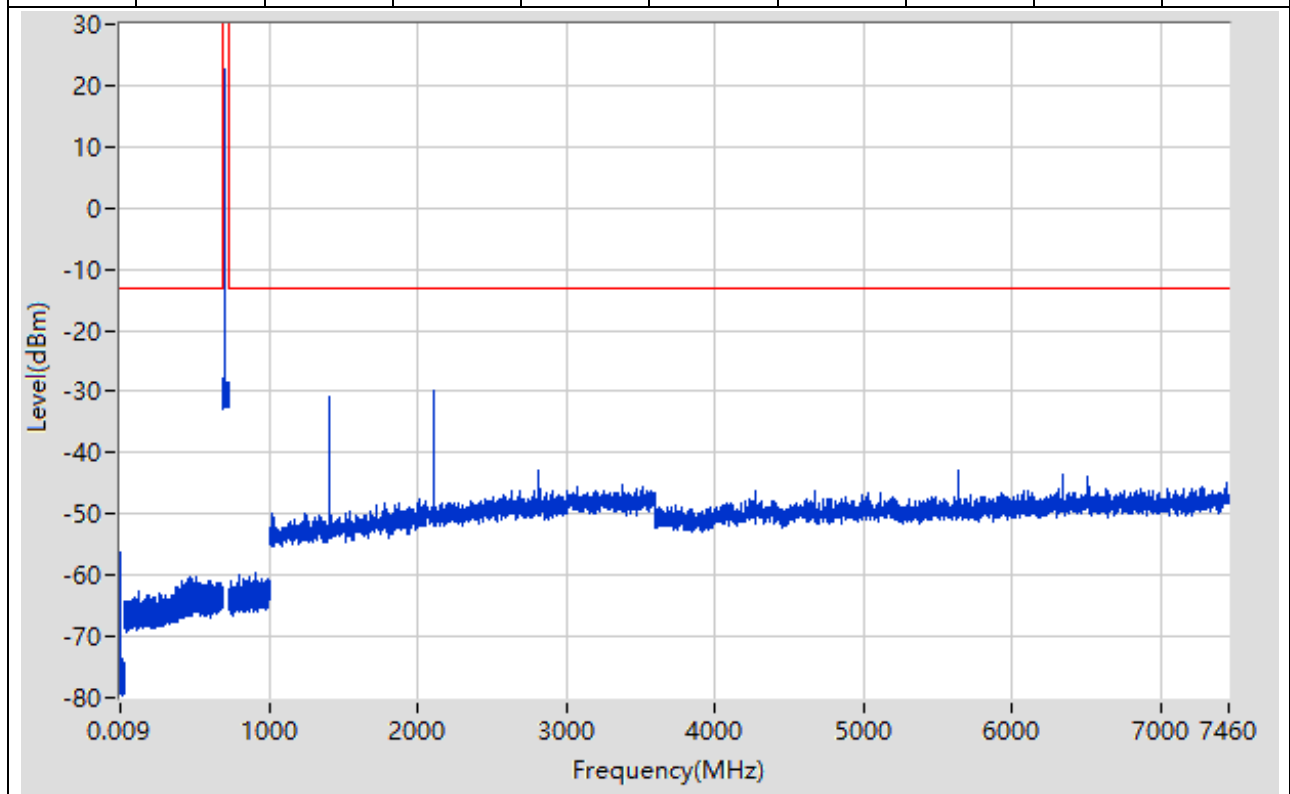
**7.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:23780, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.36      | -13         | 43.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.82      | -13         | 44.82       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 494.1           | -59.29      | -13         | 46.29       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 704.7           | 22.81       | 60          | 37.19       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 761.5           | -59.35      | -13         | 46.35       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2114            | -29.33      | -13         | 16.33       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6343            | -39.55      | -13         | 26.55       | Pass    | 4461        |



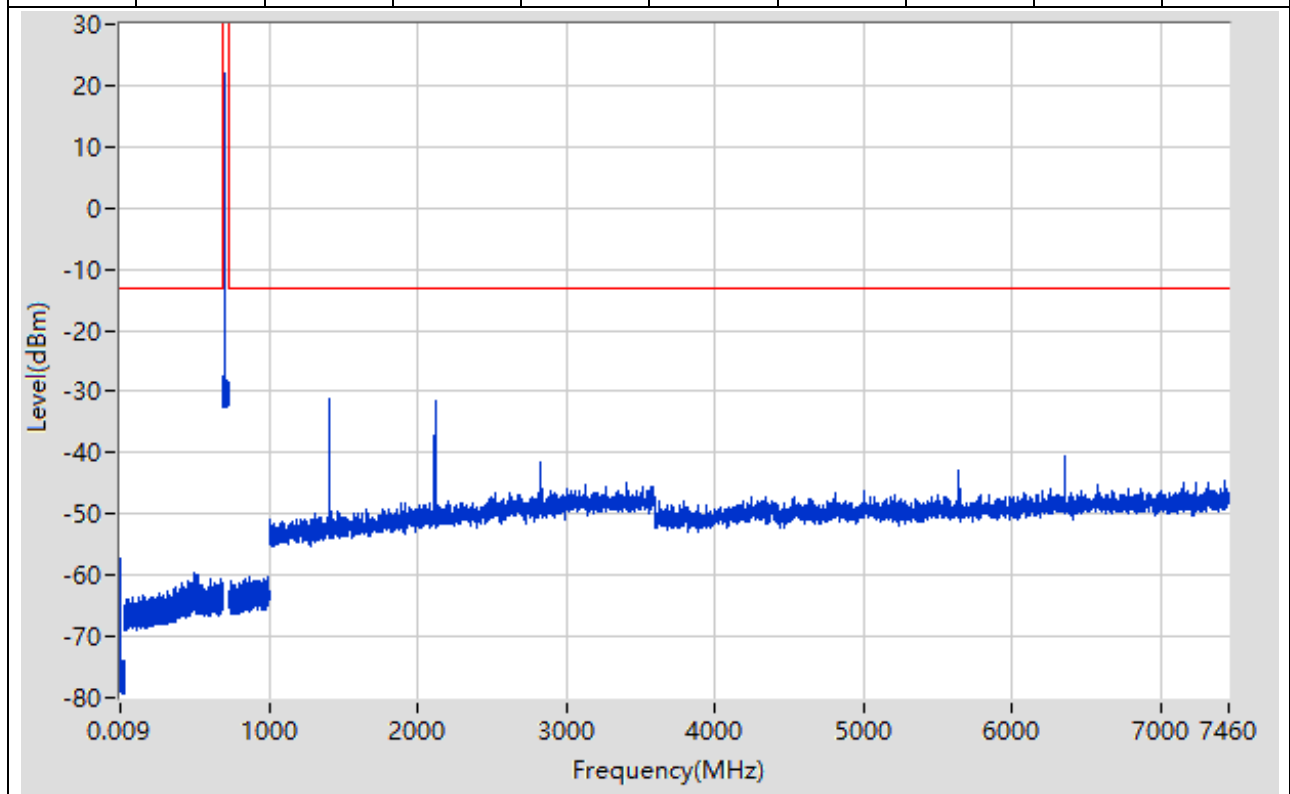
**7.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:23780, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.64      | -13         | 44.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.23      | -13         | 43.23       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 508.4           | -60.23      | -13         | 47.23       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 704.8           | 22.59       | 60          | 37.41       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 916.9           | -59.73      | -13         | 46.73       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2114            | -29.75      | -13         | 16.75       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5638            | -42.78      | -13         | 29.78       | Pass    | 4461        |



**7.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

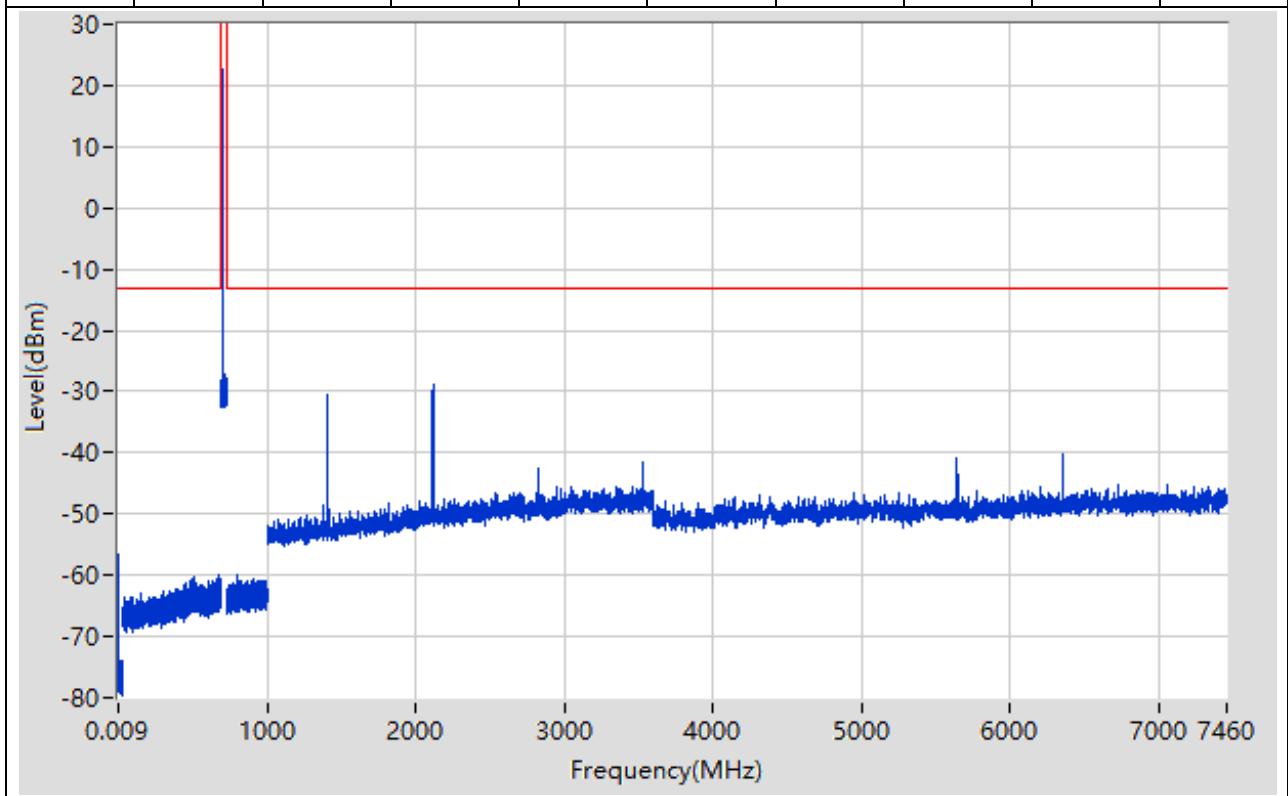
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -57.93      | -13         | 44.93       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.4       | -13         | 44.4        | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 494.3           | -59.47      | -13         | 46.47       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 705.8           | 21.88       | 60          | 38.12       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 994.1           | -60.29      | -13         | 47.29       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 1411            | -31.15      | -13         | 18.15       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6352            | -40.45      | -13         | 27.45       | Pass    | 4461        |



### 7.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:23790, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

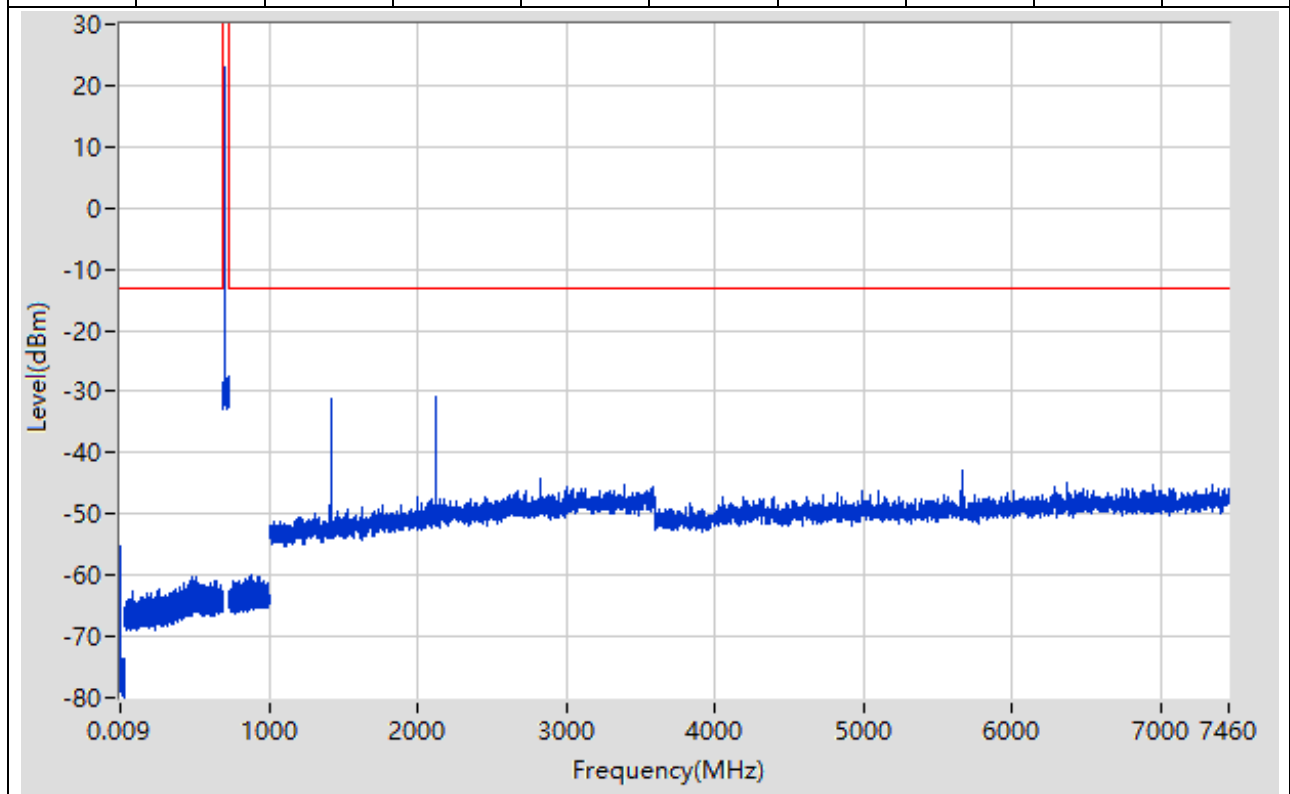
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.9       | -13         | 44.9        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.61      | -13         | 43.61       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 681.5           | -59.83      | -13         | 46.83       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 705.8           | 22.78       | 60          | 37.22       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 800.4           | -59.91      | -13         | 46.91       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2117            | -28.74      | -13         | 15.74       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6352            | -40.38      | -13         | 27.38       | Pass    | 4461        |



### 7.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

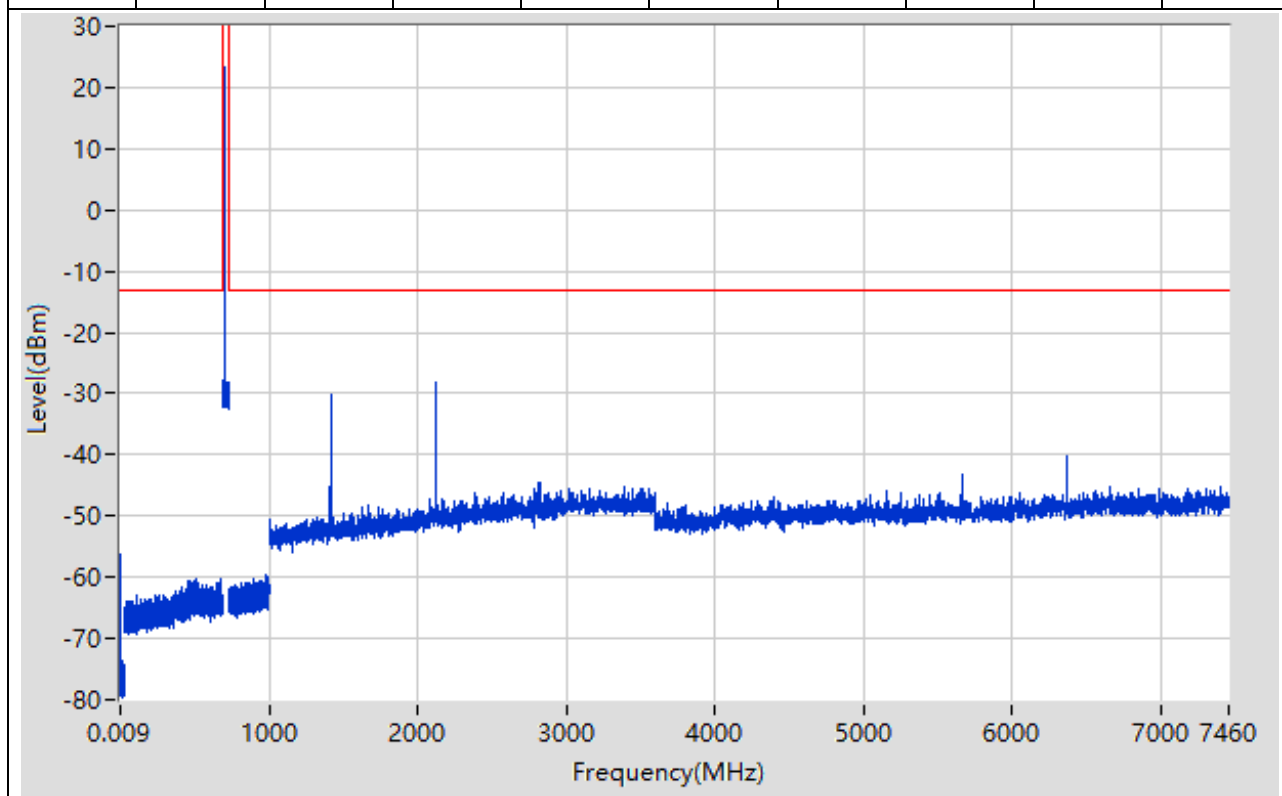
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.33      | -13         | 43.33       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.22      | -13         | 42.22       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 511.9           | -60.27      | -13         | 47.27       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 707.6           | 22.86       | 60          | 37.14       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 885.7           | -59.94      | -13         | 46.94       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2123            | -30.76      | -13         | 17.76       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5661            | -42.98      | -13         | 29.98       | Pass    | 4461        |



## 7.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

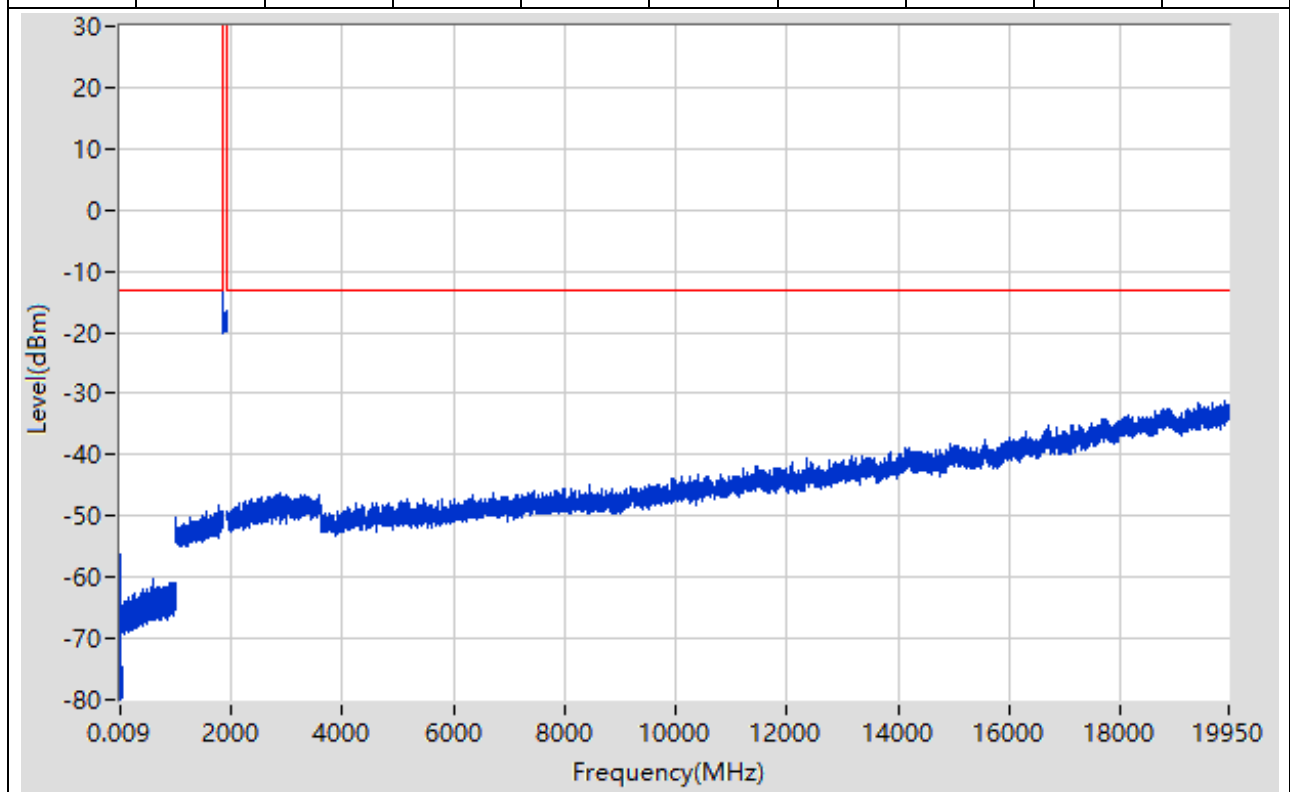
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.18      | -13         | 43.18       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.95      | -13         | 43.95       | Pass    | 2986        |
| 30                    | 684                  | 0.1       | RMS      | 507.9           | -60.17      | -13         | 47.17       | Pass    | 6541        |
| 684                   | 736                  | 0.1       | RMS      | 707.6           | 23.29       | 60          | 36.71       | Pass    | 521         |
| 736                   | 1000                 | 0.1       | RMS      | 983.5           | -59.55      | -13         | 46.55       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2123            | -28.29      | -13         | 15.29       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6369            | -40.06      | -13         | 27.06       | Pass    | 4461        |



## 8. Cat-M\_Band25

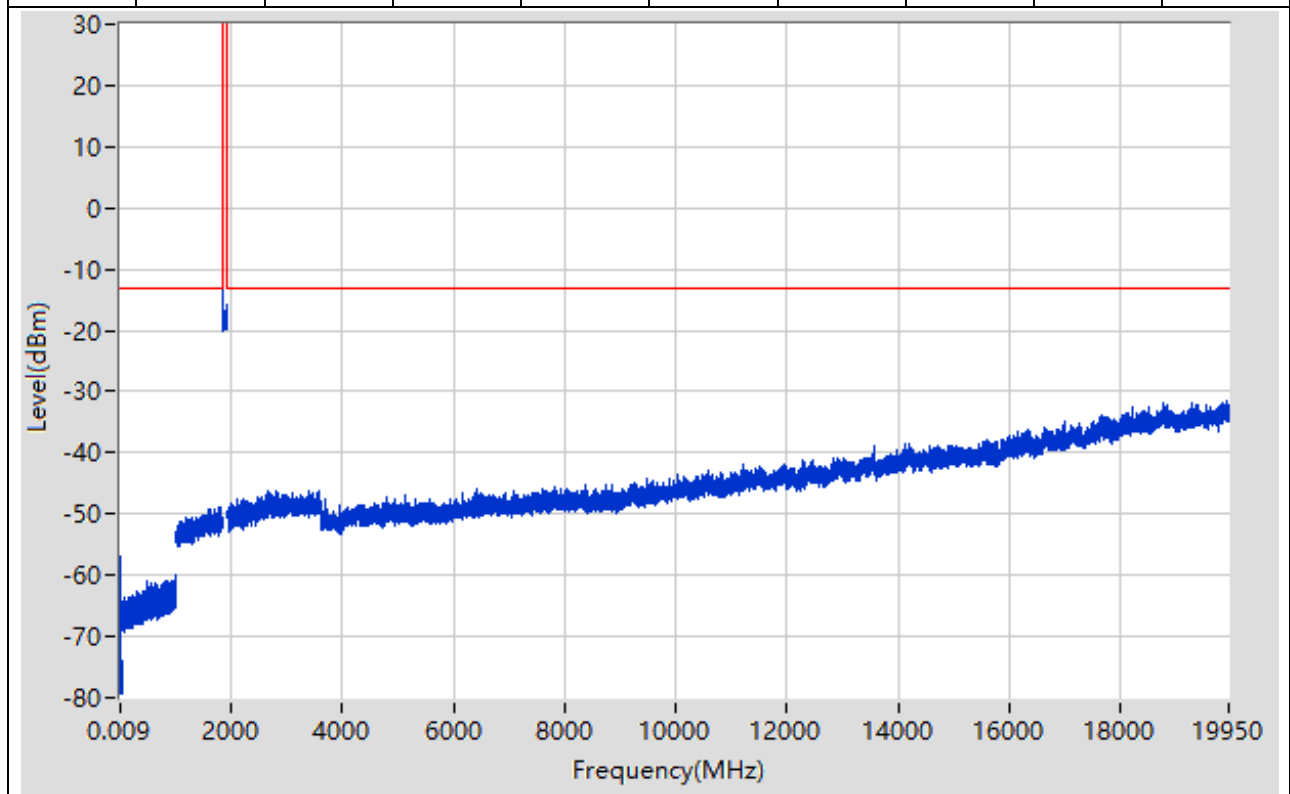
**8.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:26065, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.2       | -13         | 43.2        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.89      | -13         | 45.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 608             | -60.3       | -13         | 47.3        | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1752            | -48.4       | -13         | 35.4        | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1850.475        | 23.4        | 60          | 36.6        | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2860            | -46.36      | -13         | 33.36       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19890           | -31.32      | -13         | 18.32       | Pass    | 16951       |



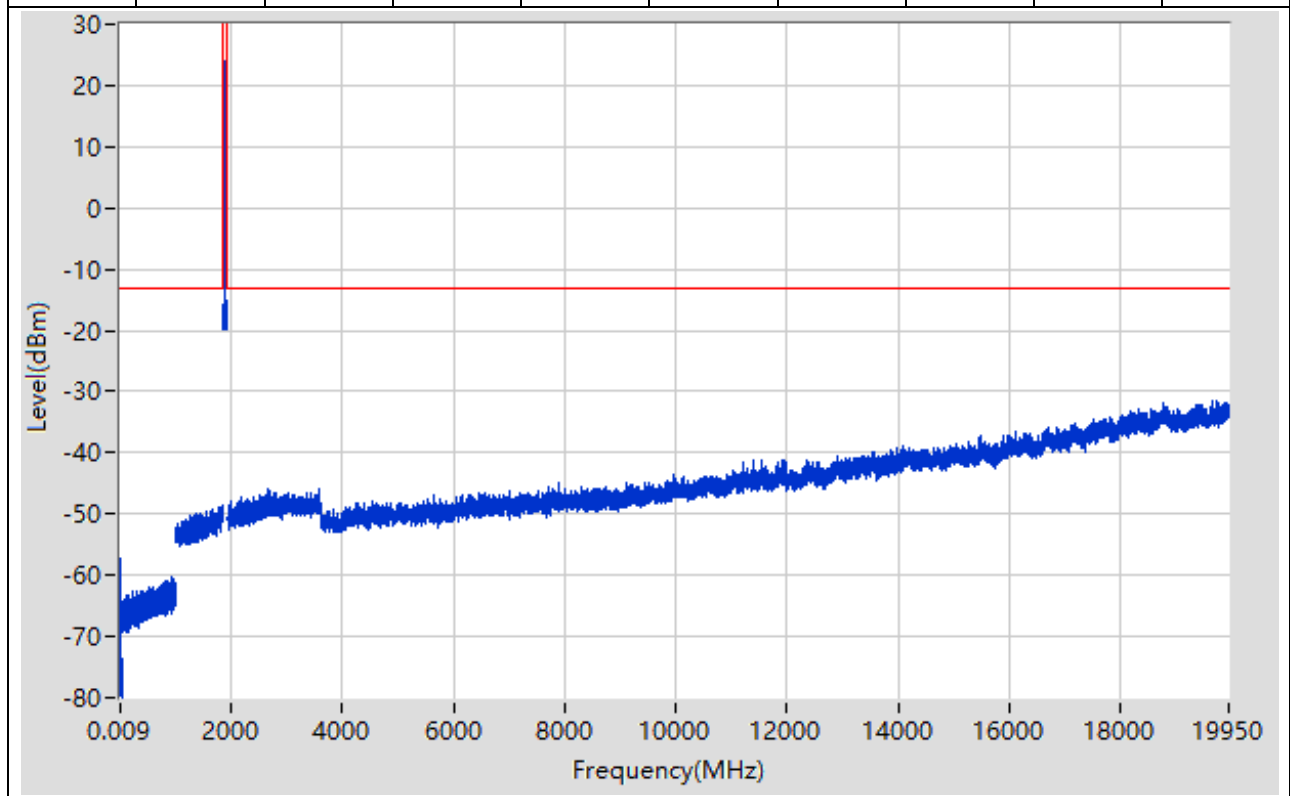
**8.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:26065, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.09      | -13         | 44.09       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.07      | -13         | 45.07       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 995.6           | -59.78      | -13         | 46.78       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1754            | -48.93      | -13         | 35.93       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1850.213        | 24.04       | 60          | 35.96       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2816            | -46.13      | -13         | 33.13       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19928           | -31.56      | -13         | 18.56       | Pass    | 16951       |



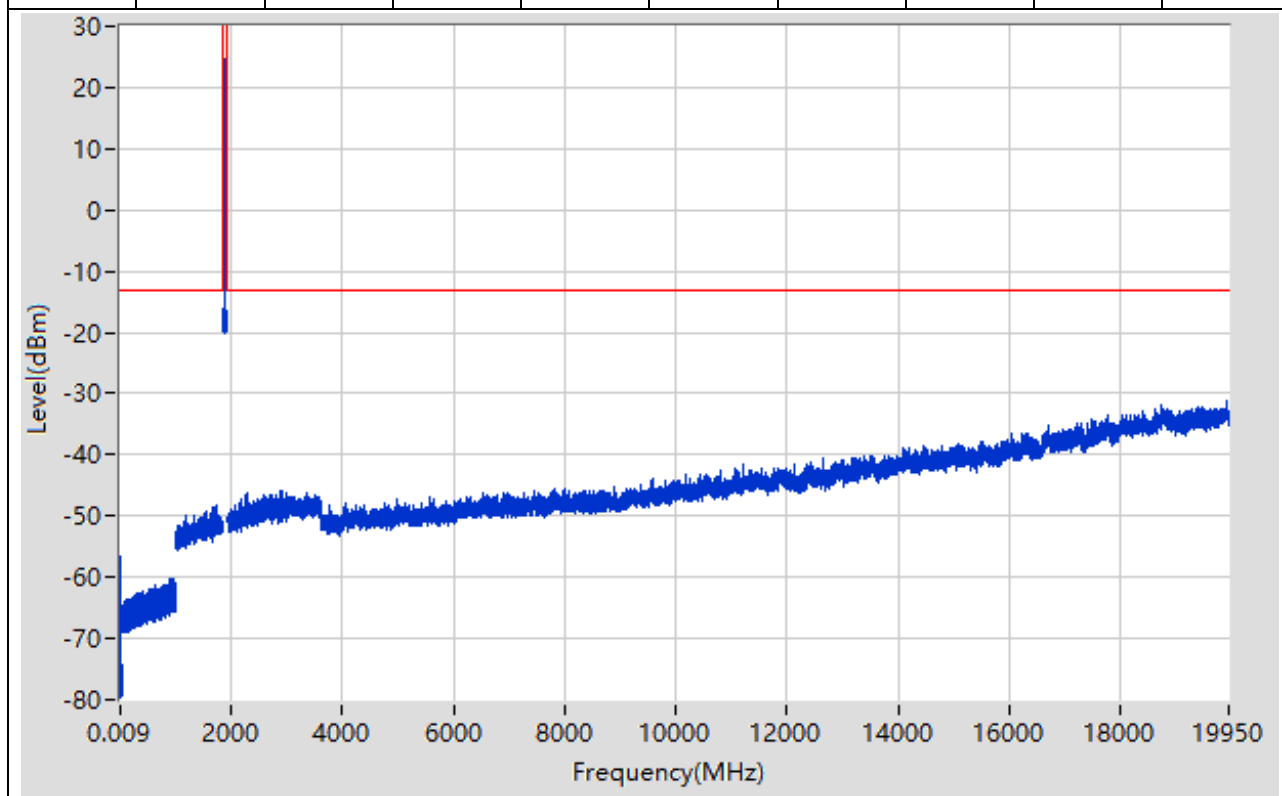
### 8.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:26365, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.29      | -13         | 44.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.72      | -13         | 45.72       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 919.7           | -60.13      | -13         | 47.13       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1829            | -48.65      | -13         | 35.65       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1880.4          | 23.95       | 60          | 36.05       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2641            | -45.97      | -13         | 32.97       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19643           | -31.36      | -13         | 18.36       | Pass    | 16951       |



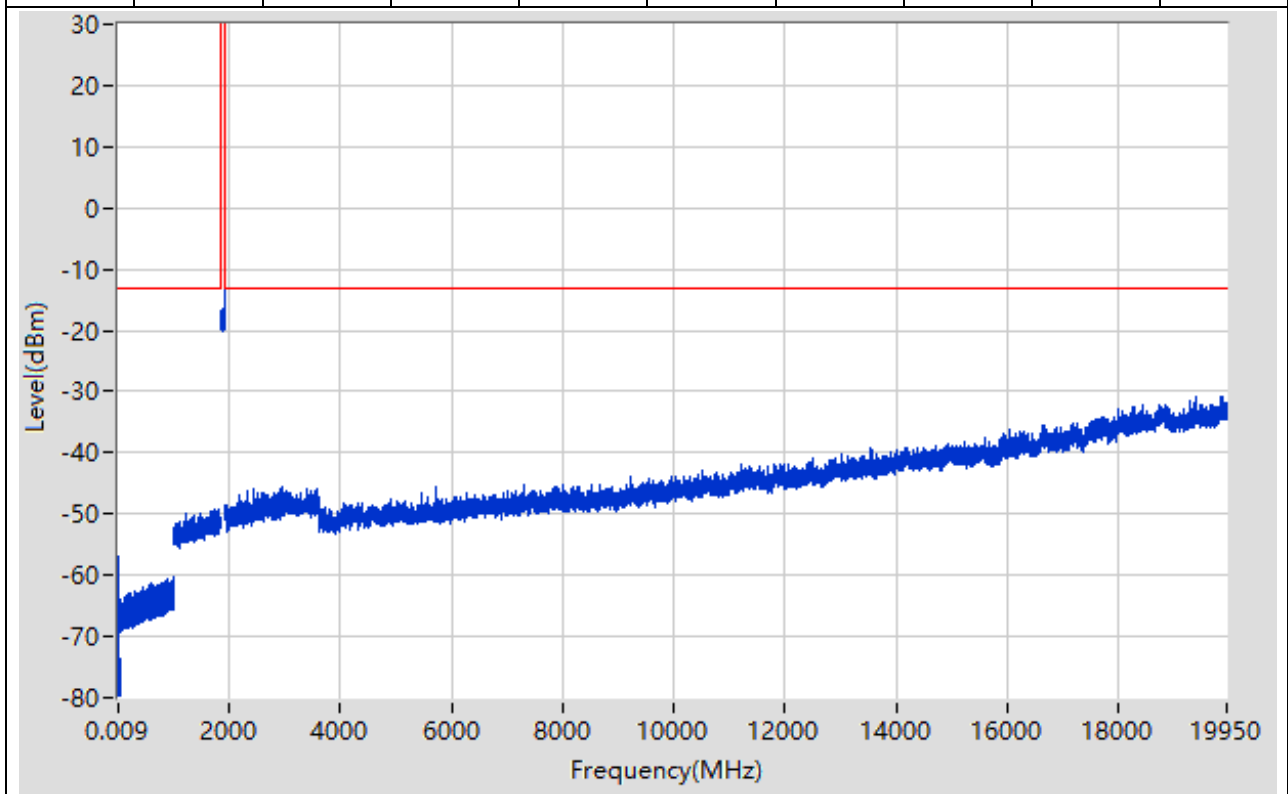
#### 8.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:26365, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.55      | -13         | 43.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.82      | -13         | 45.82       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 969.1           | -60.23      | -13         | 47.23       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1743            | -48.15      | -13         | 35.15       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1880.138        | 24.77       | 60          | 35.23       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2892            | -46         | -13         | 33          | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19896           | -31.11      | -13         | 18.11       | Pass    | 16951       |



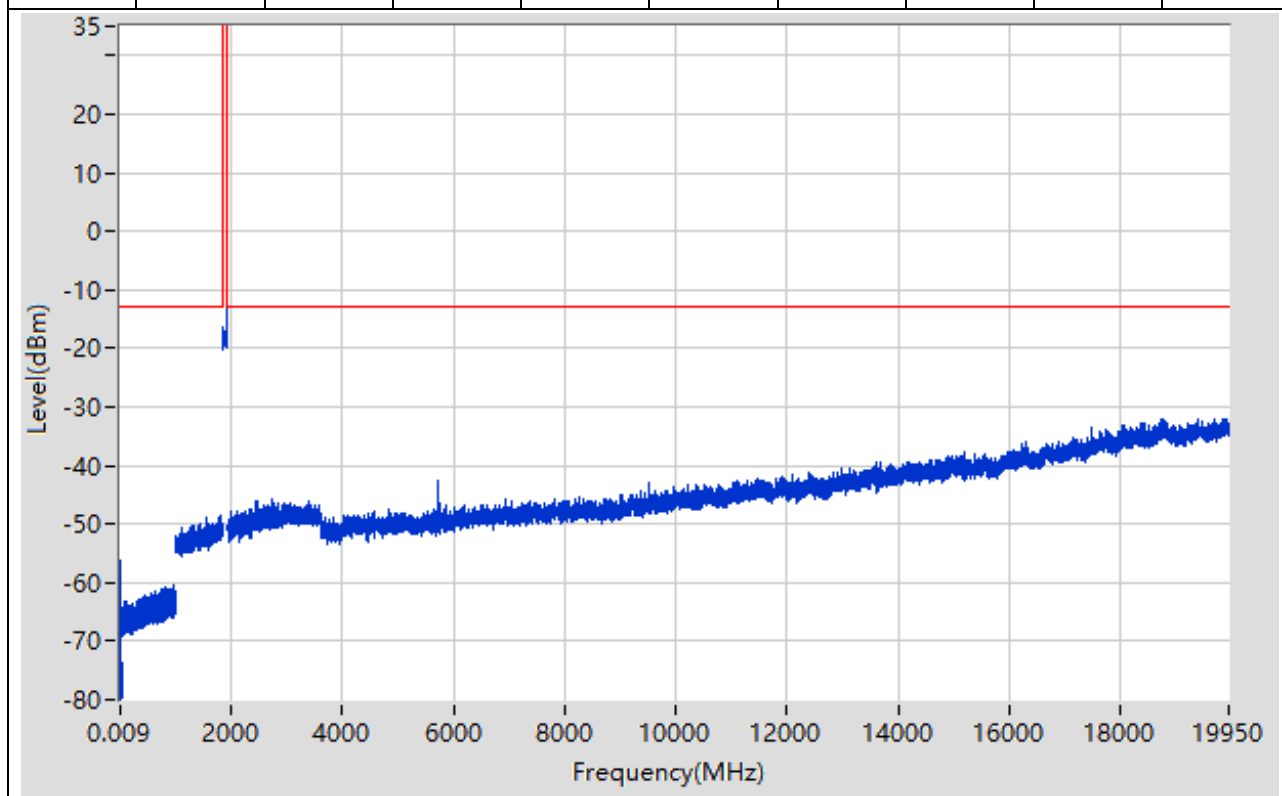
**8.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:26665, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.83      | -13         | 43.83       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.88      | -13         | 45.88       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 985.8           | -60.26      | -13         | 47.26       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1730            | -49.13      | -13         | 36.13       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1911.375        | 24.02       | 60          | 35.98       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2944            | -45.53      | -13         | 32.53       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19874           | -30.77      | -13         | 17.77       | Pass    | 16951       |



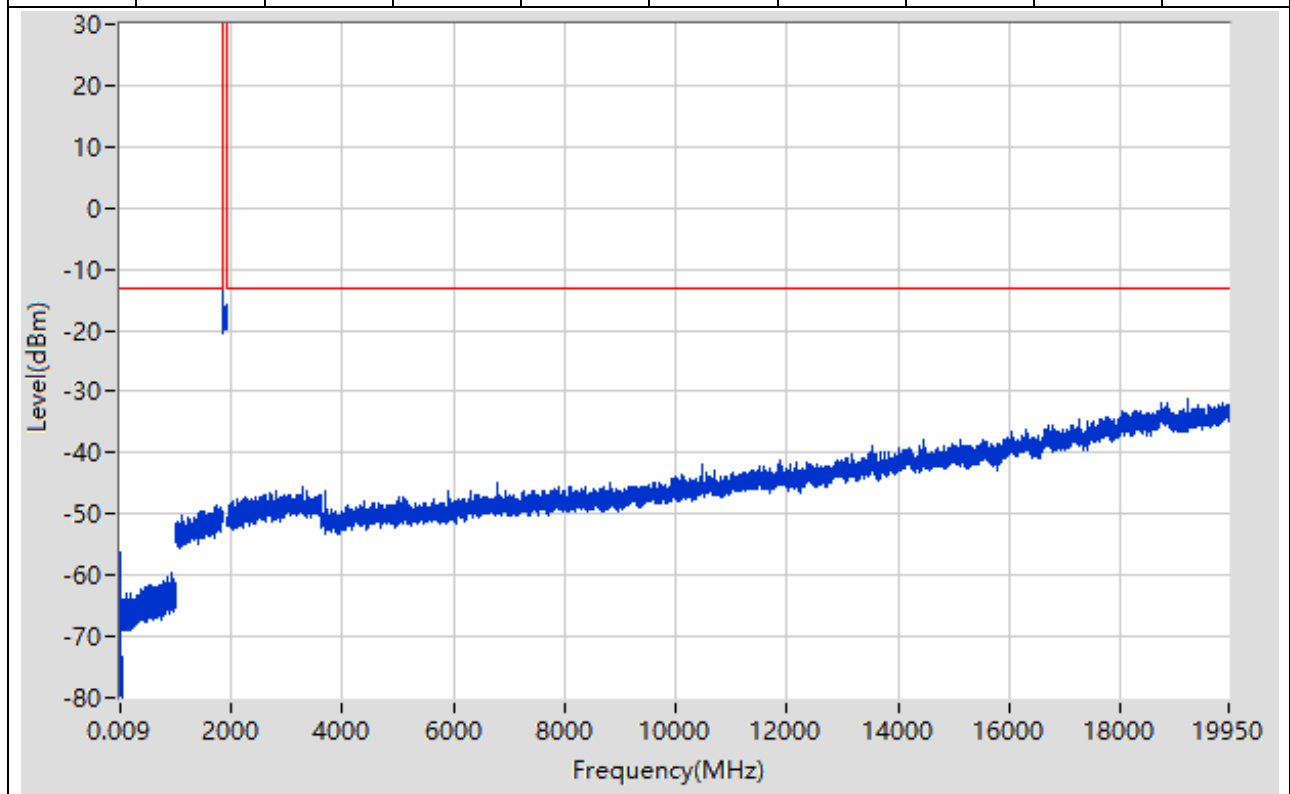
**8.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:26665, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.36      | -13         | 43.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.63      | -13         | 45.63       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 976.5           | -60.31      | -13         | 47.31       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1813            | -48.64      | -13         | 35.64       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1911.113        | 25.03       | 60          | 34.97       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2716            | -45.76      | -13         | 32.76       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19696           | -31.96      | -13         | 18.96       | Pass    | 16951       |



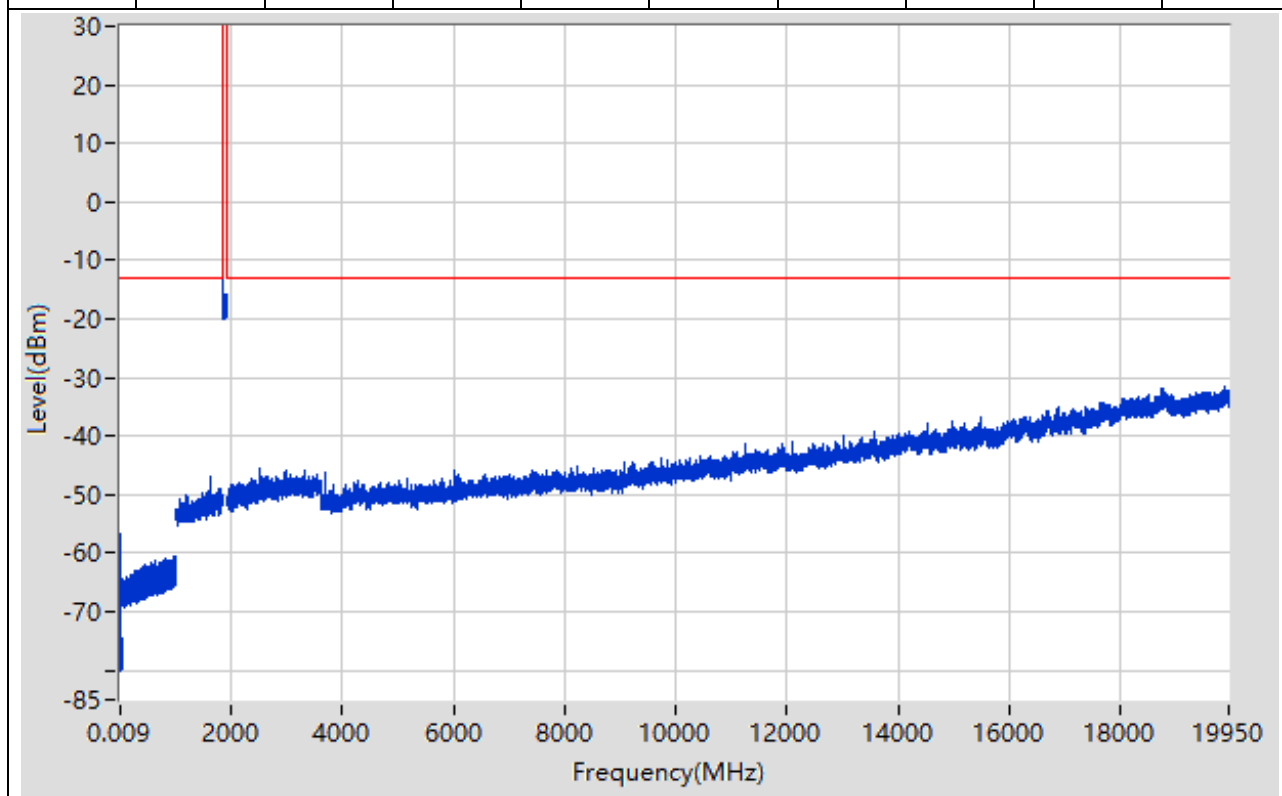
**8.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:26090, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.4       | -13         | 43.4        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.93      | -13         | 44.93       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 919.1           | -59.69      | -13         | 46.69       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1723            | -48.57      | -13         | 35.57       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1851            | 23.88       | 60          | 36.12       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2803            | -46.25      | -13         | 33.25       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19198           | -31.34      | -13         | 18.34       | Pass    | 16951       |



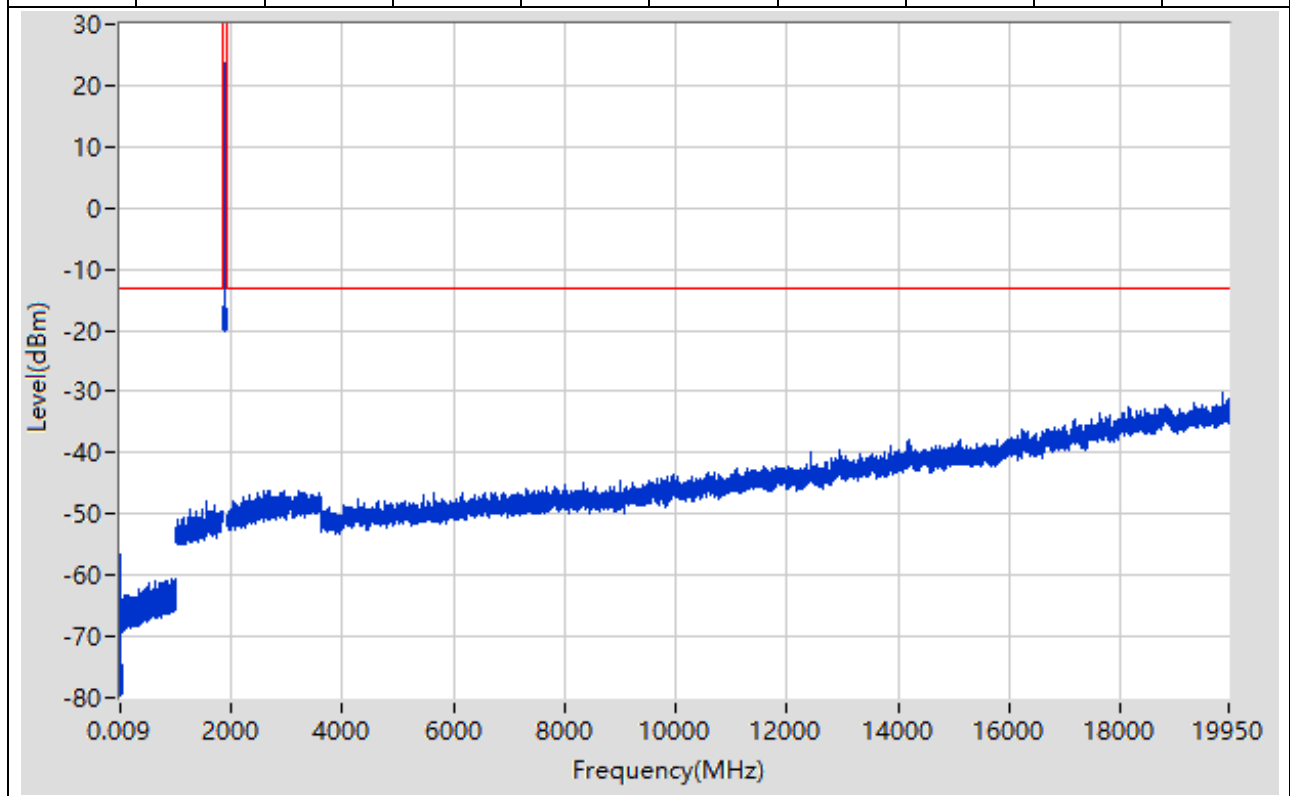
**8.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:26090, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.59      | -13         | 43.59       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.65      | -13         | 44.65       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 976             | -60.58      | -13         | 47.58       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1630            | -47.01      | -13         | 34.01       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1850.738        | 24.22       | 60          | 35.78       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2516            | -45.63      | -13         | 32.63       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19865           | -31.43      | -13         | 18.43       | Pass    | 16951       |



**8.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:26365, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

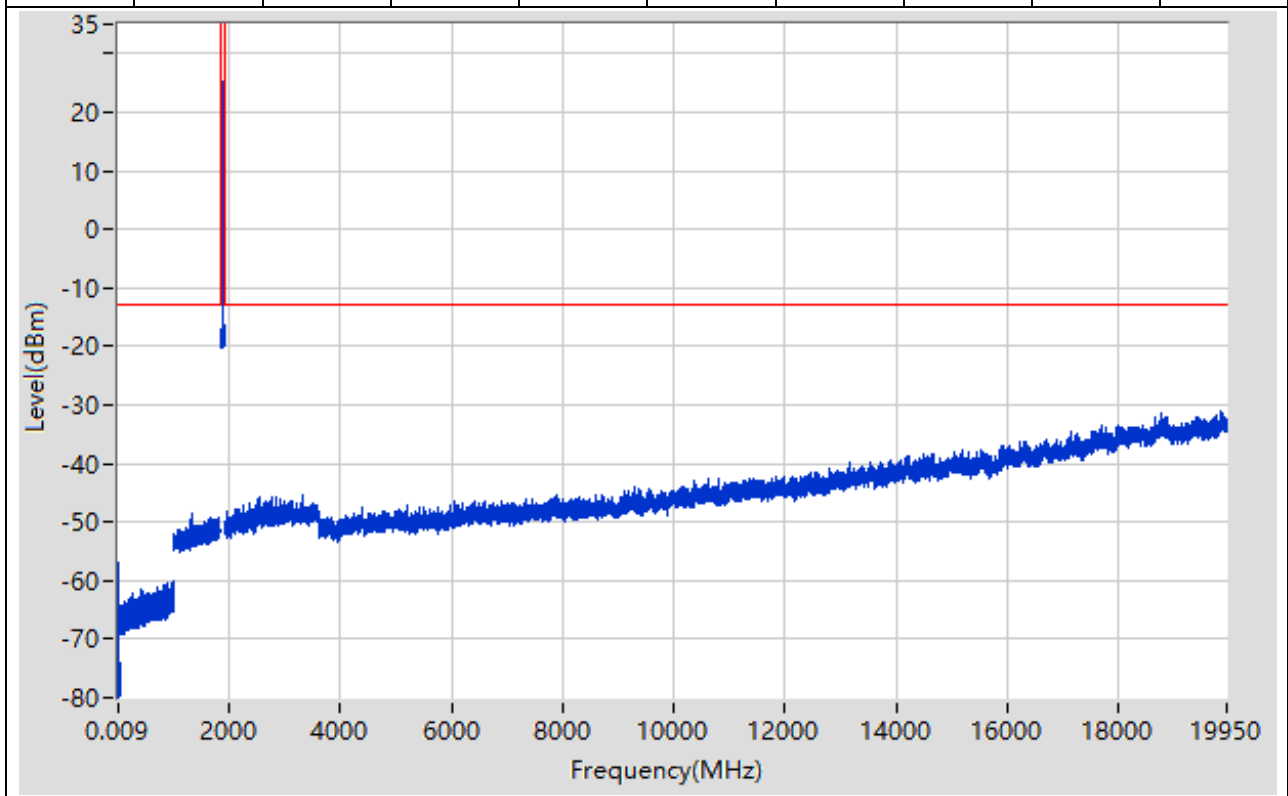
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.44      | -13         | 43.44       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.6       | -13         | 45.6        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 988.3           | -60.63      | -13         | 47.63       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1550            | -47.85      | -13         | 34.85       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1878.3          | 23.68       | 60          | 36.32       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2569            | -46.14      | -13         | 33.14       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19826           | -30.03      | -13         | 17.03       | Pass    | 16951       |



## 8.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:26365, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

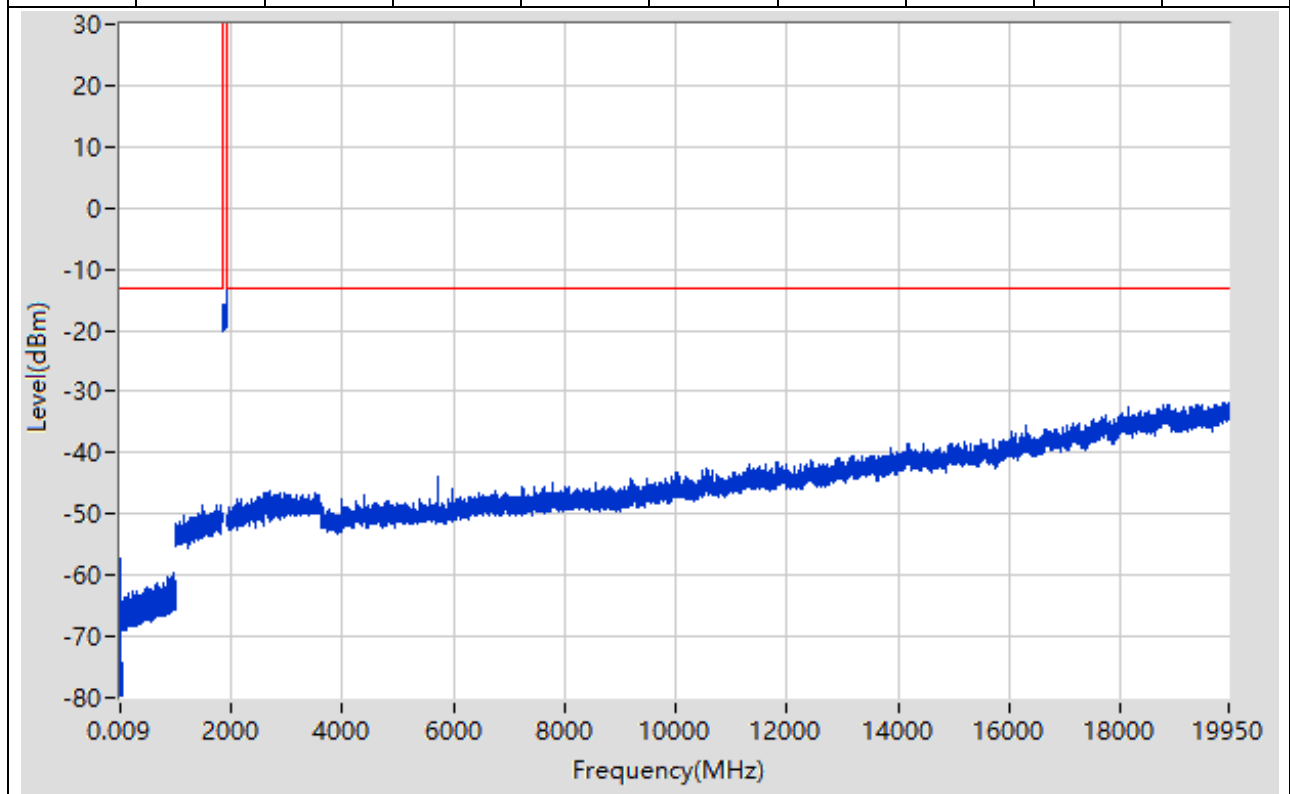
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.04      | -13         | 44.04       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.96      | -13         | 45.96       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 983.2           | -60.17      | -13         | 47.17       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1313            | -48.67      | -13         | 35.67       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1878.3          | 25.06       | 60          | 34.94       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2856            | -45.61      | -13         | 32.61       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19827           | -31.09      | -13         | 18.09       | Pass    | 16951       |



### 8.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:26640, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

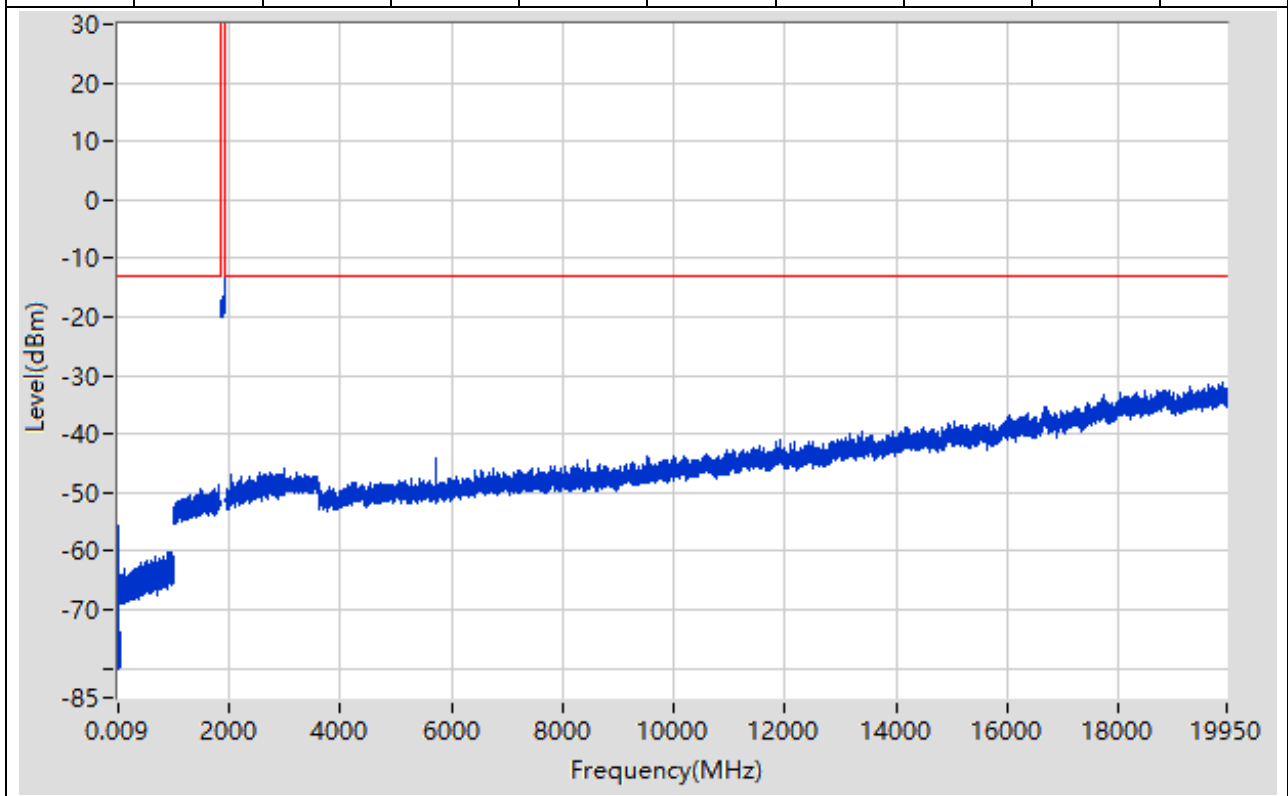
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.25      | -13         | 44.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.9       | -13         | 45.9        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 971             | -59.71      | -13         | 46.71       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1815            | -48.42      | -13         | 35.42       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1906.65         | 24.37       | 60          | 35.63       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2692            | -46.22      | -13         | 33.22       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19834           | -31.78      | -13         | 18.78       | Pass    | 16951       |



## 8.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:26640, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

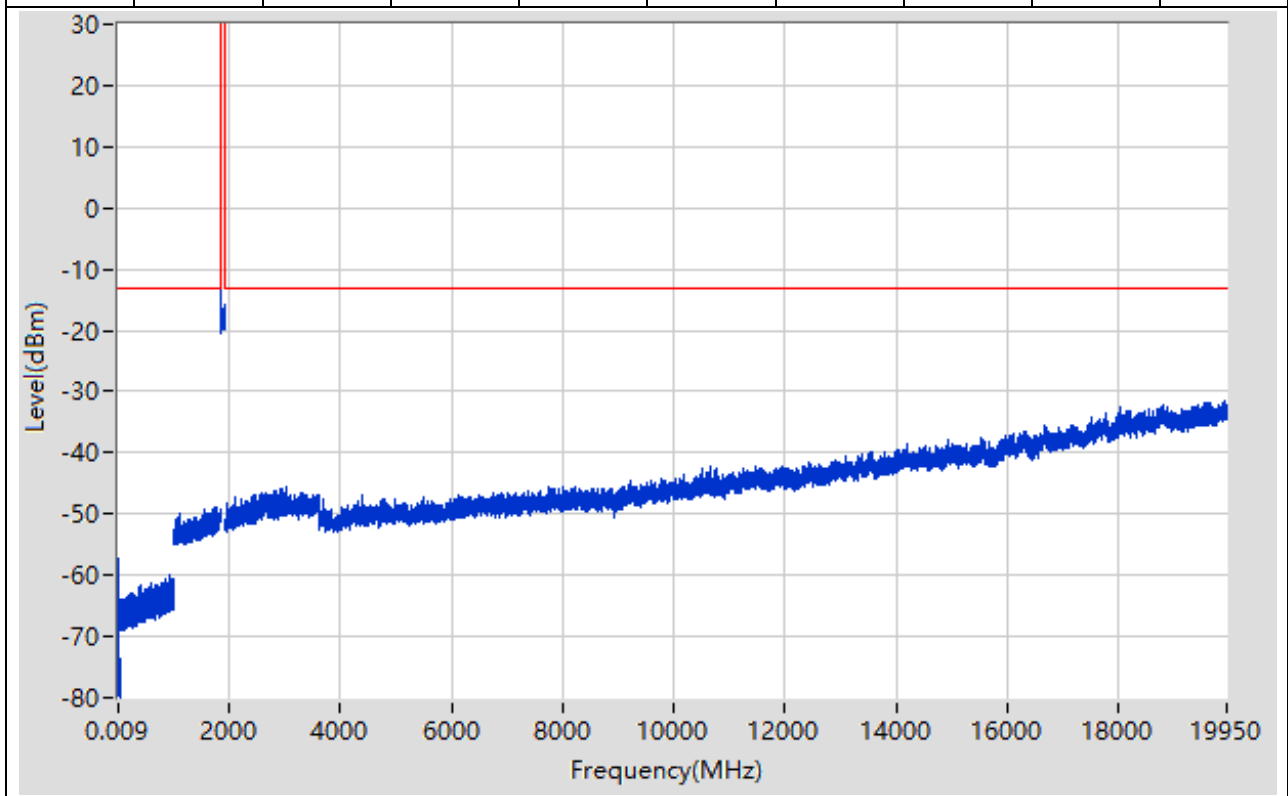
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.63      | -13         | 42.63       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.5       | -13         | 45.5        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 971.2           | -60.14      | -13         | 47.14       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1819            | -48.59      | -13         | 35.59       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1906.65         | 24.94       | 60          | 35.06       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2979            | -45.83      | -13         | 32.83       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19860           | -31.04      | -13         | 18.04       | Pass    | 16951       |



### 8.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:26115, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

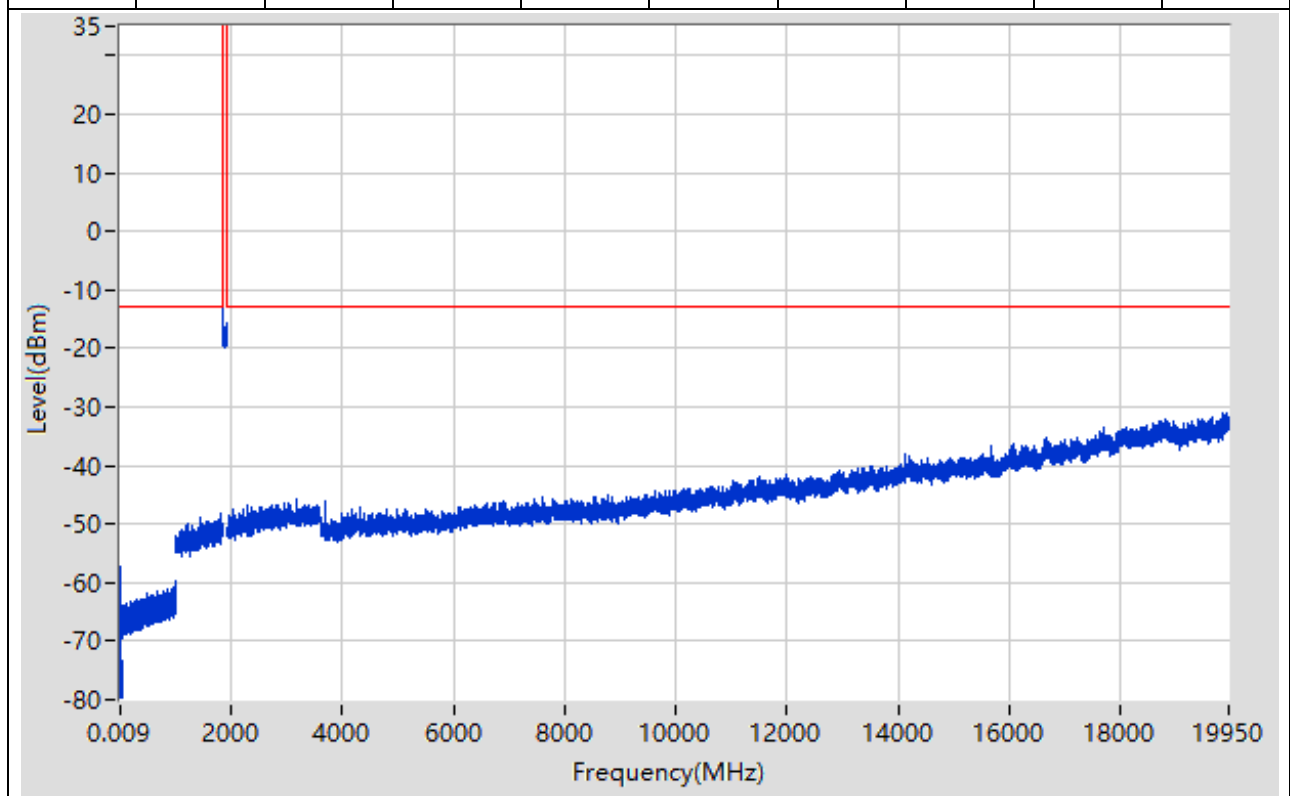
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -57.23      | -13         | 44.23       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.25      | -13         | 45.25       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925             | -59.82      | -13         | 46.82       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1758            | -48.85      | -13         | 35.85       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1851            | 24.47       | 60          | 35.53       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2915            | -45.91      | -13         | 32.91       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19914           | -31.44      | -13         | 18.44       | Pass    | 16951       |



#### 8.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:26115, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

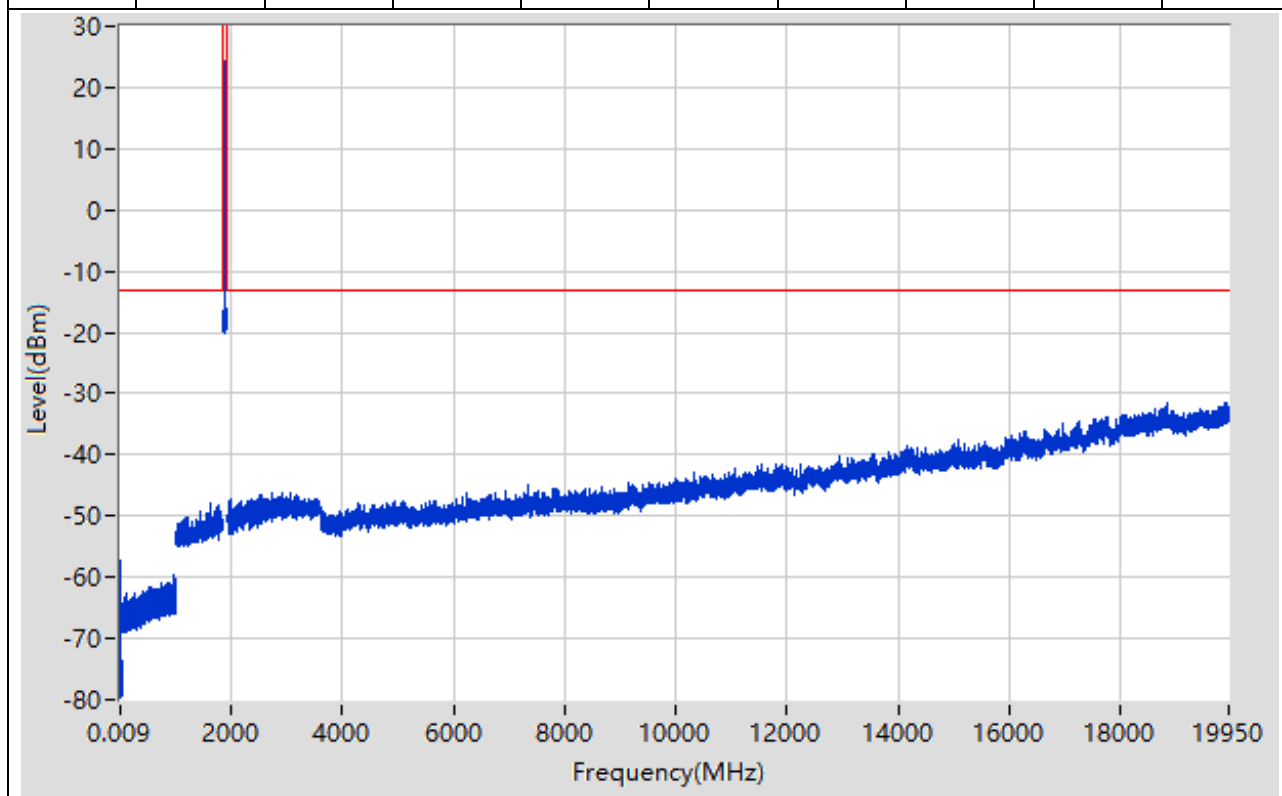
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.35      | -13         | 44.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.1       | -13         | 46.1        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 981.3           | -59.58      | -13         | 46.58       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1822            | -48.35      | -13         | 35.35       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1851            | 25.15       | 60          | 34.85       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2948            | -46.38      | -13         | 33.38       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19907           | -30.92      | -13         | 17.92       | Pass    | 16951       |



### 8.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:26365, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

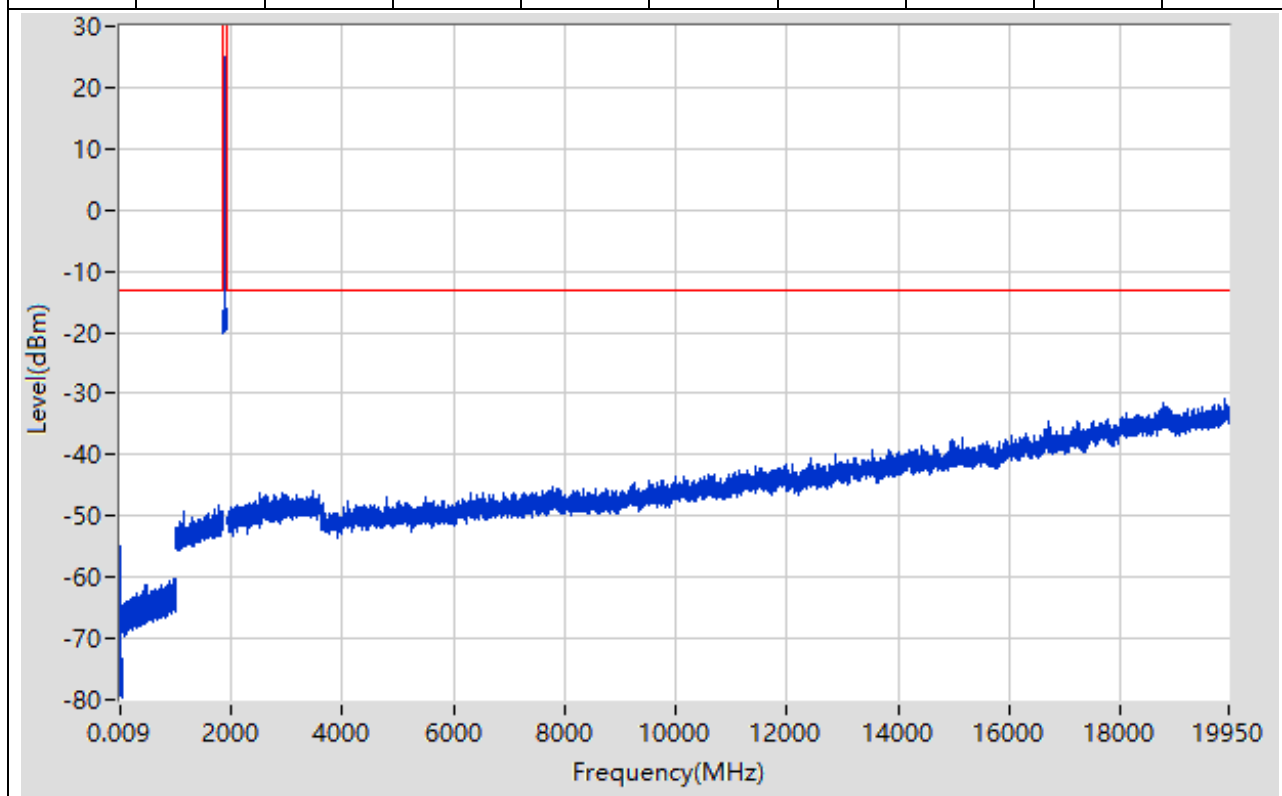
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.19      | -13         | 44.19       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.92      | -13         | 46.92       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 962.9           | -59.62      | -13         | 46.62       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1611            | -47.96      | -13         | 34.96       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1875.938        | 24.2        | 60          | 35.8        | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2731            | -46.33      | -13         | 33.33       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19906           | -31.37      | -13         | 18.37       | Pass    | 16951       |



## 8.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:26365, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

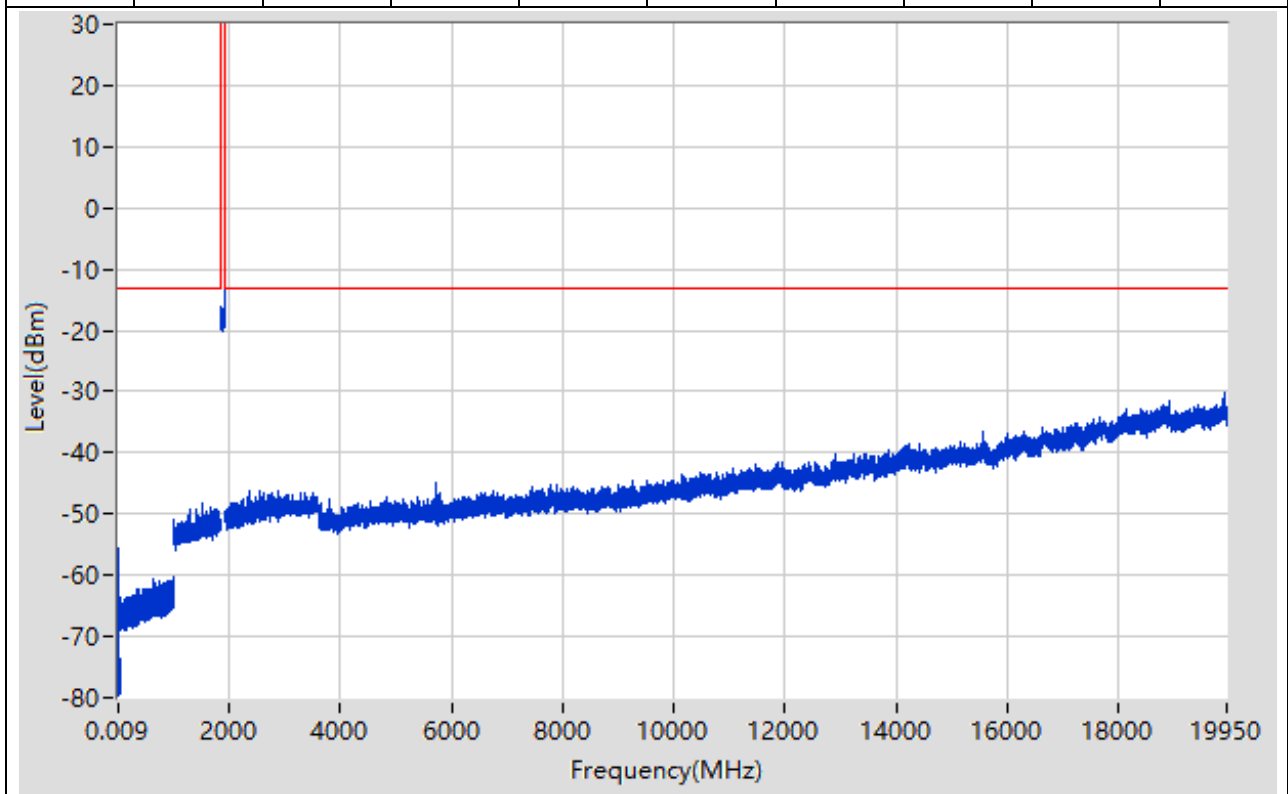
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.83      | -13         | 41.83       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.48      | -13         | 44.48       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 985             | -60.19      | -13         | 47.19       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1778            | -48.29      | -13         | 35.29       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1875.938        | 25          | 60          | 35          | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2525            | -46.23      | -13         | 33.23       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19884           | -30.73      | -13         | 17.73       | Pass    | 16951       |



### 8.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:26615, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

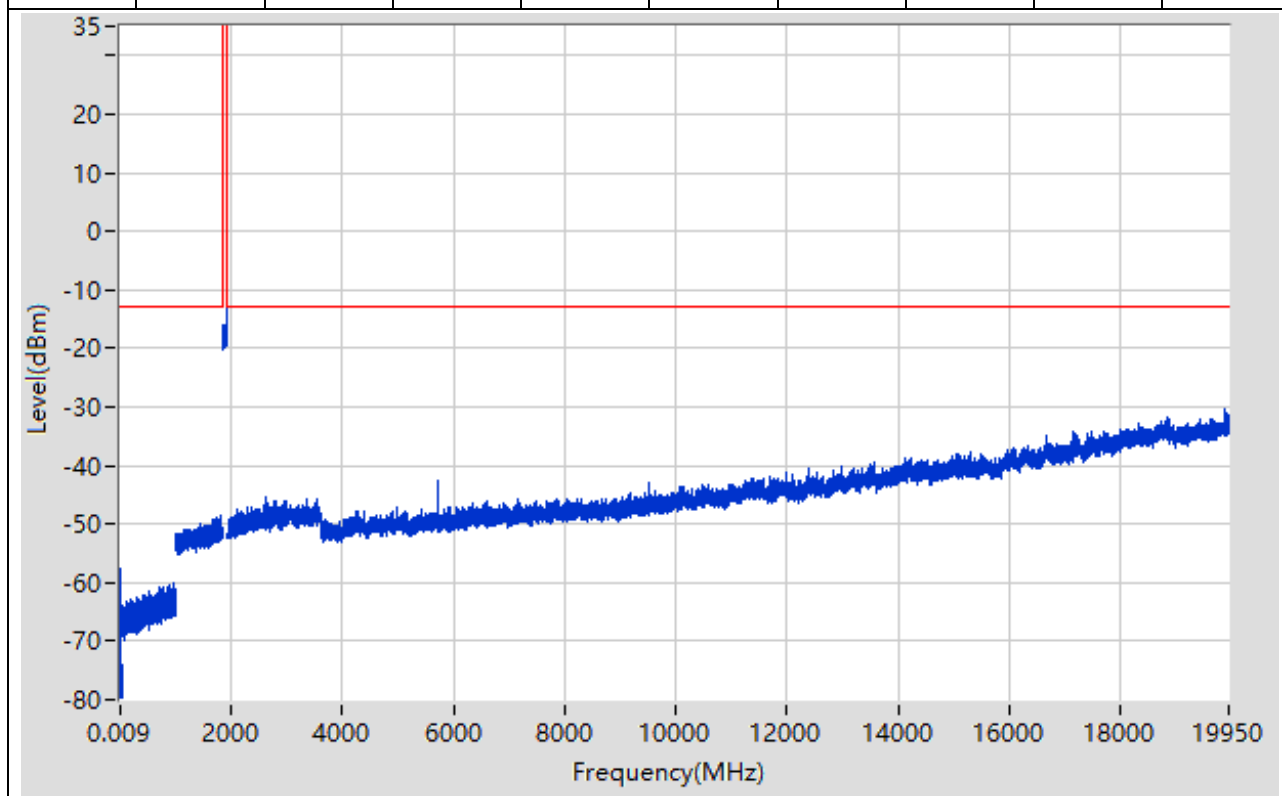
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.53      | -13         | 42.53       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.94      | -13         | 46.94       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 997.3           | -60.34      | -13         | 47.34       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1499            | -48.13      | -13         | 35.13       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1901.925        | 24.35       | 60          | 35.65       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2866            | -46.27      | -13         | 33.27       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19917           | -30.16      | -13         | 17.16       | Pass    | 16951       |



### 8.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:26615, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

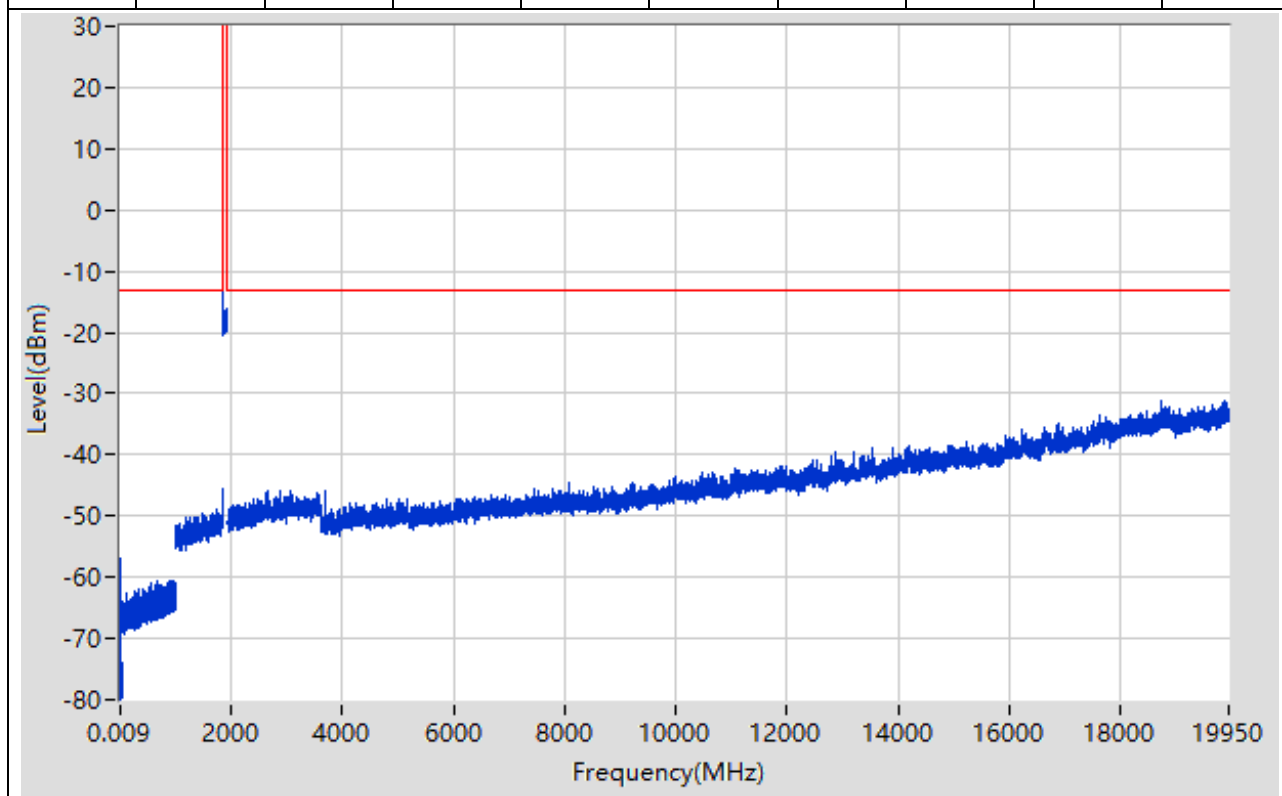
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.58      | -13         | 44.58       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.29      | -13         | 45.29       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 968             | -60.08      | -13         | 47.08       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1797            | -48.71      | -13         | 35.71       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1901.925        | 25.16       | 60          | 34.84       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2626            | -45.41      | -13         | 32.41       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19871           | -30.3       | -13         | 17.3        | Pass    | 16951       |



### 8.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:26140, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

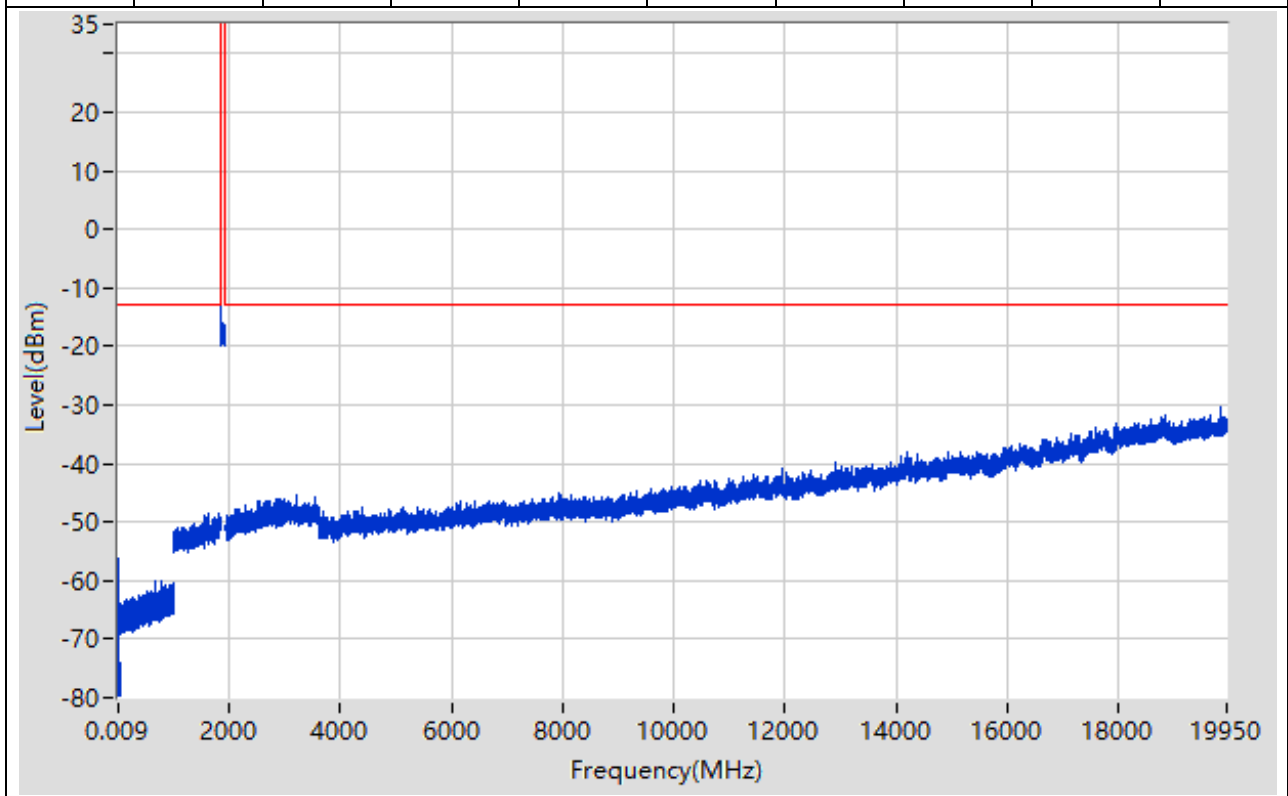
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.93      | -13         | 43.93       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.27      | -13         | 44.27       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 880.5           | -60.51      | -13         | 47.51       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1830            | -45.4       | -13         | 32.4        | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1851.263        | 24.3        | 60          | 35.7        | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2657            | -45.96      | -13         | 32.96       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19885           | -31.2       | -13         | 18.2        | Pass    | 16951       |



## 8.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:26140, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

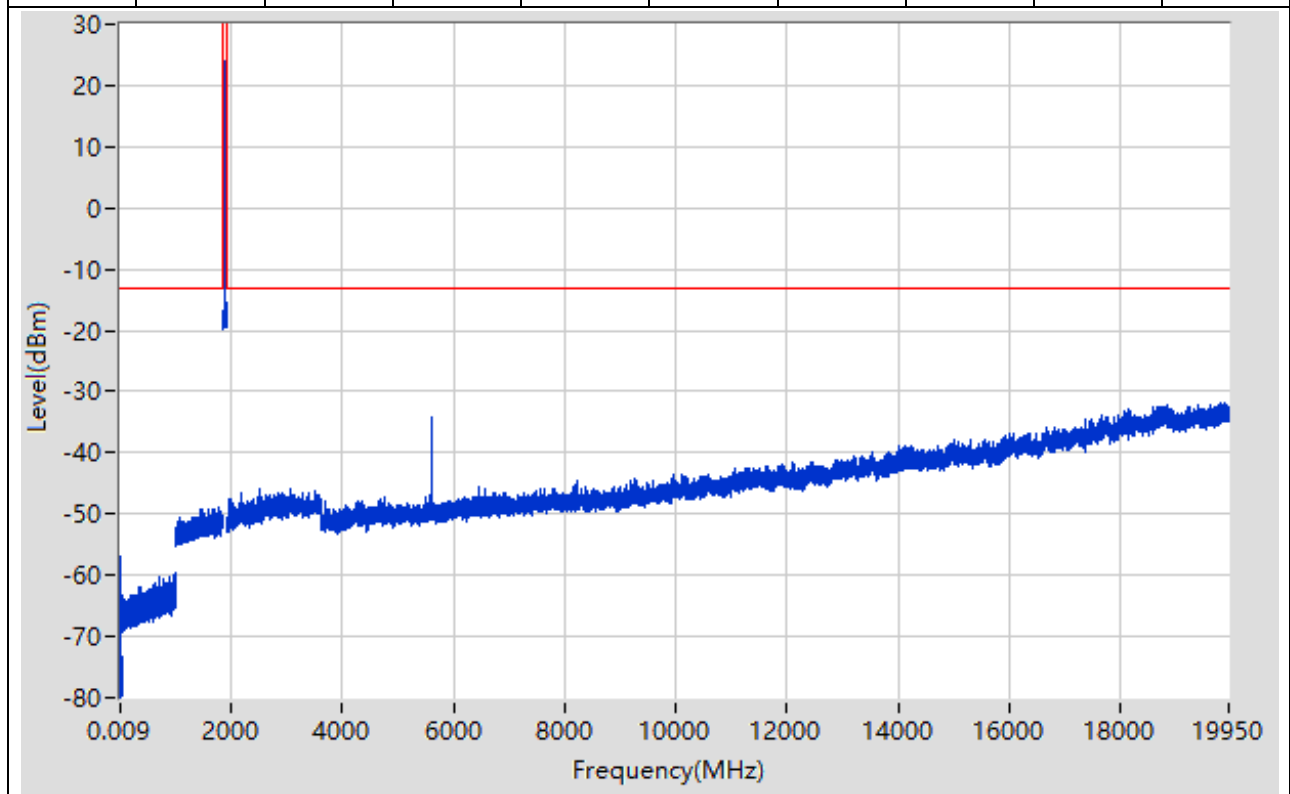
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.18      | -13         | 43.18       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.5       | -13         | 45.5        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 772             | -59.93      | -13         | 46.93       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1816            | -48.51      | -13         | 35.51       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1851.525        | 25.08       | 60          | 34.92       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2884            | -46         | -13         | 33          | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19853           | -30.32      | -13         | 17.32       | Pass    | 16951       |



## 8.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:26365, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

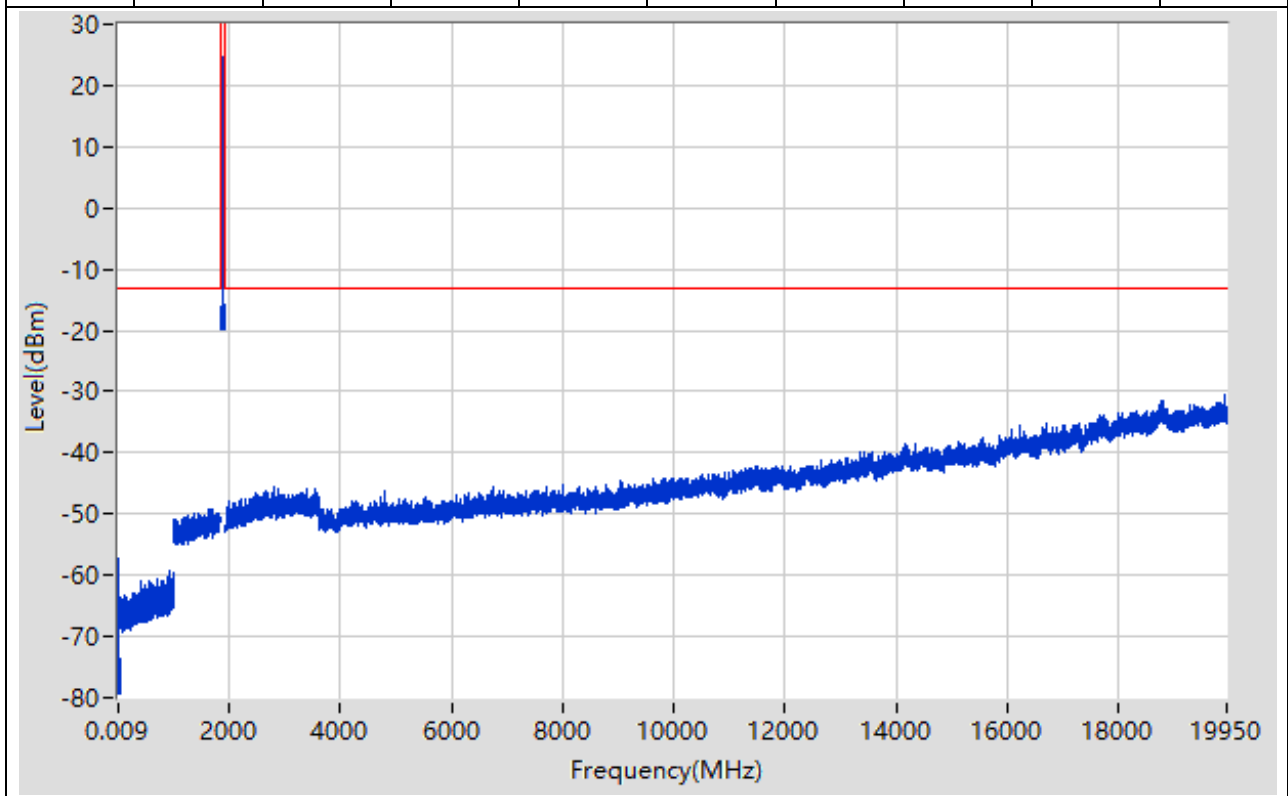
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.97      | -13         | 43.97       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.38      | -13         | 44.38       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 991.2           | -59.59      | -13         | 46.59       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1779            | -48.95      | -13         | 35.95       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1874.1          | 24.15       | 60          | 35.85       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2495            | -45.86      | -13         | 32.86       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19818           | -31.69      | -13         | 18.69       | Pass    | 16951       |



## 8.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:26365, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

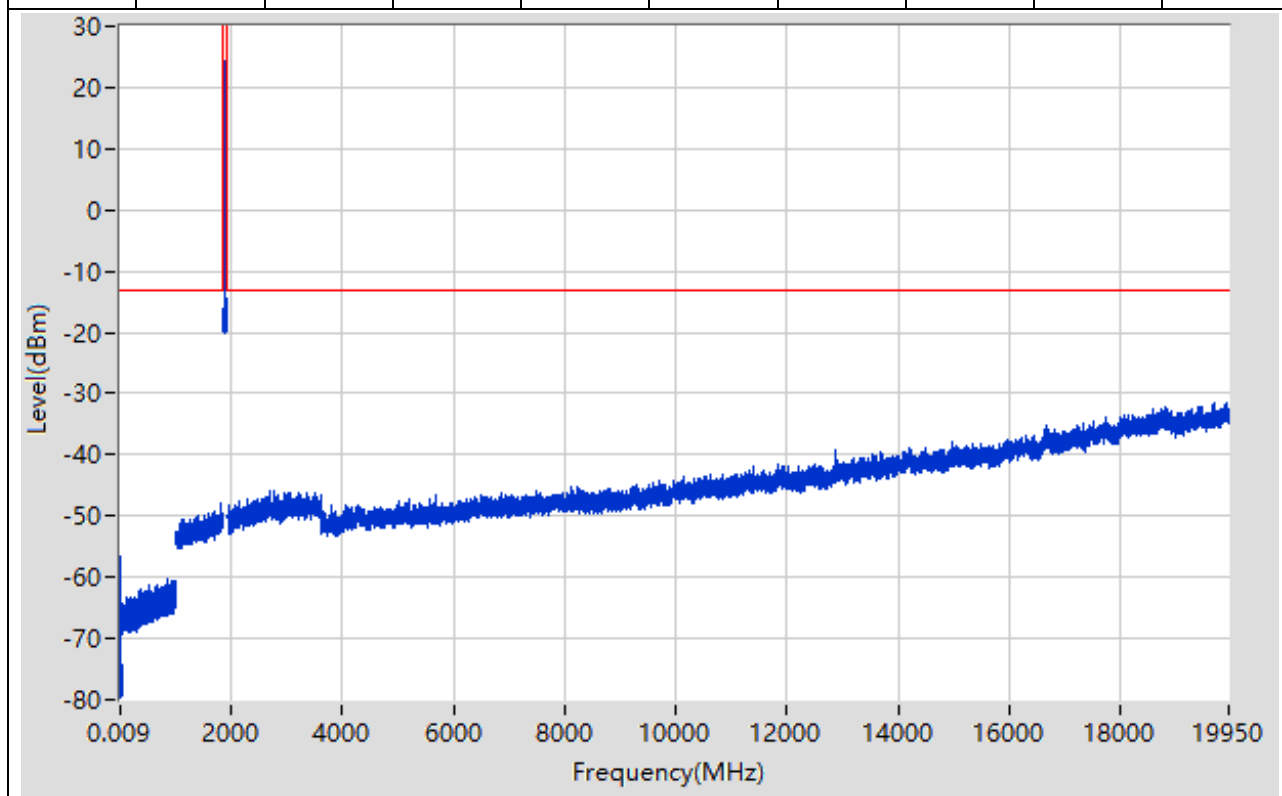
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.25      | -13         | 44.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.43      | -13         | 45.43       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 939.8           | -59.34      | -13         | 46.34       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1637            | -49.28      | -13         | 36.28       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1874.1          | 24.72       | 60          | 35.28       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2798            | -45.62      | -13         | 32.62       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19927           | -30.64      | -13         | 17.64       | Pass    | 16951       |



### 8.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:26590, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

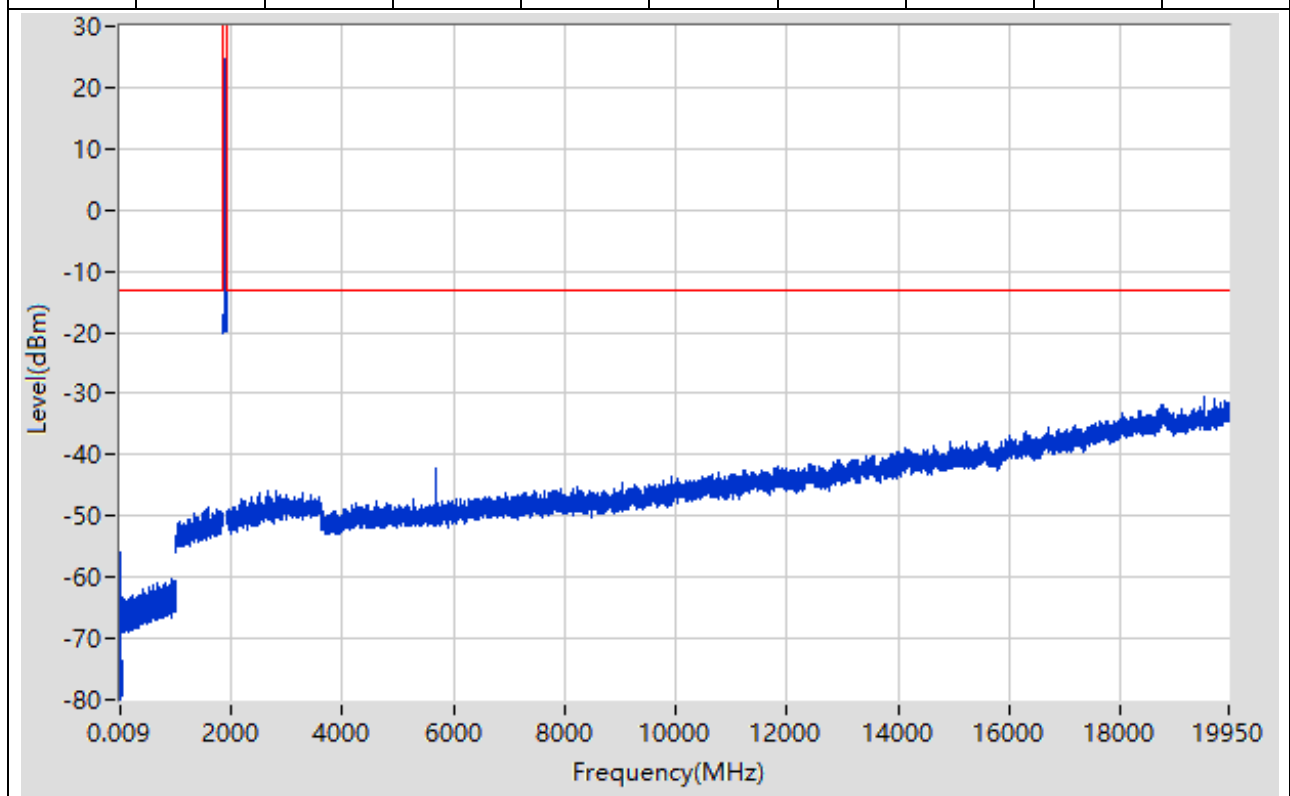
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.57      | -13         | 43.57       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.65      | -13         | 43.65       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 834.6           | -60.42      | -13         | 47.42       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1811            | -48.02      | -13         | 35.02       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1897.2          | 24.25       | 60          | 35.75       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2781            | -46.02      | -13         | 33.02       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19683           | -31.4       | -13         | 18.4        | Pass    | 16951       |



## 8.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:26590, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

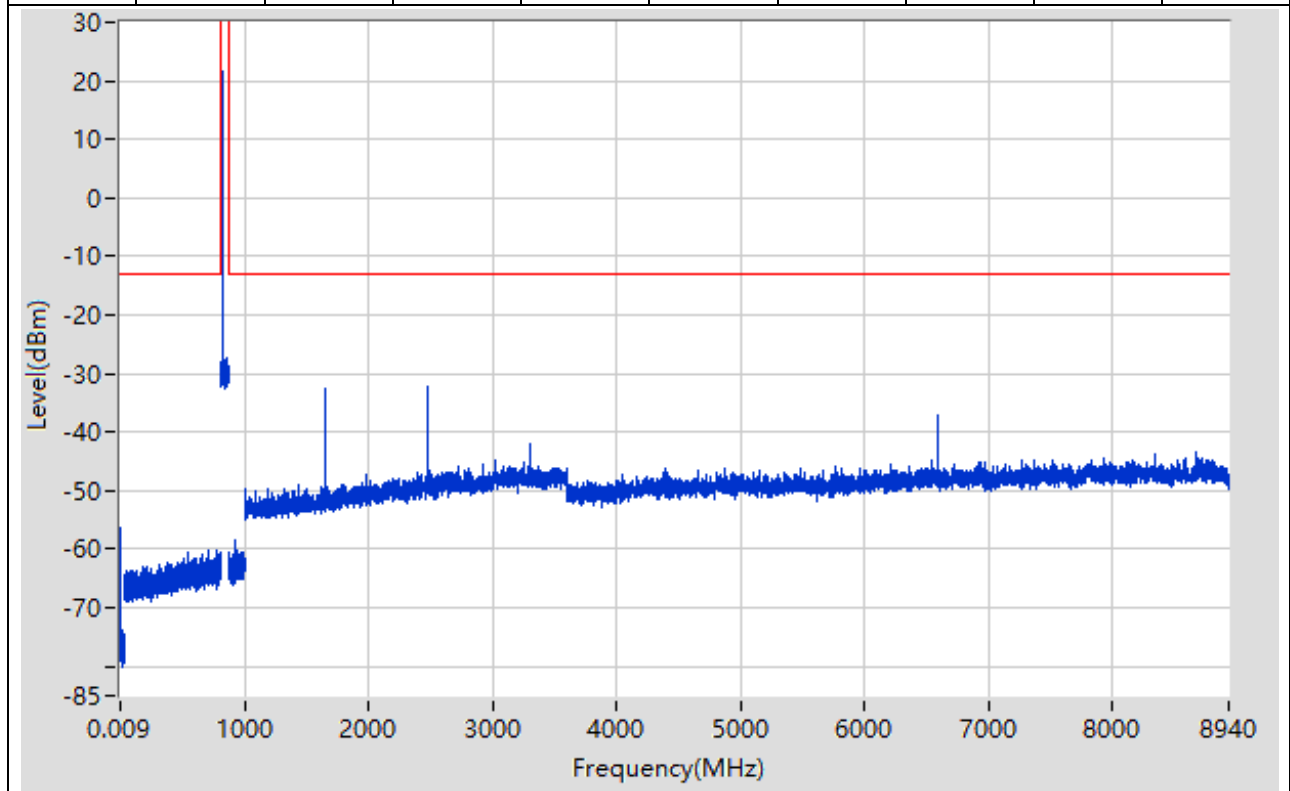
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.78      | -13         | 42.78       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -58.49      | -13         | 45.49       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 933.1           | -60.43      | -13         | 47.43       | Pass    | 9701        |
| 1000                  | 1830                 | 1         | RMS      | 1575            | -48.48      | -13         | 35.48       | Pass    | 831         |
| 1830                  | 1935                 | 1         | RMS      | 1897.2          | 24.55       | 60          | 35.45       | Pass    | 401         |
| 1935                  | 3000                 | 1         | RMS      | 2818            | -45.96      | -13         | 32.96       | Pass    | 1066        |
| 3000                  | 19950                | 1         | RMS      | 19495           | -30.51      | -13         | 17.51       | Pass    | 16951       |



## 9. Cat-M\_Band26(part22)

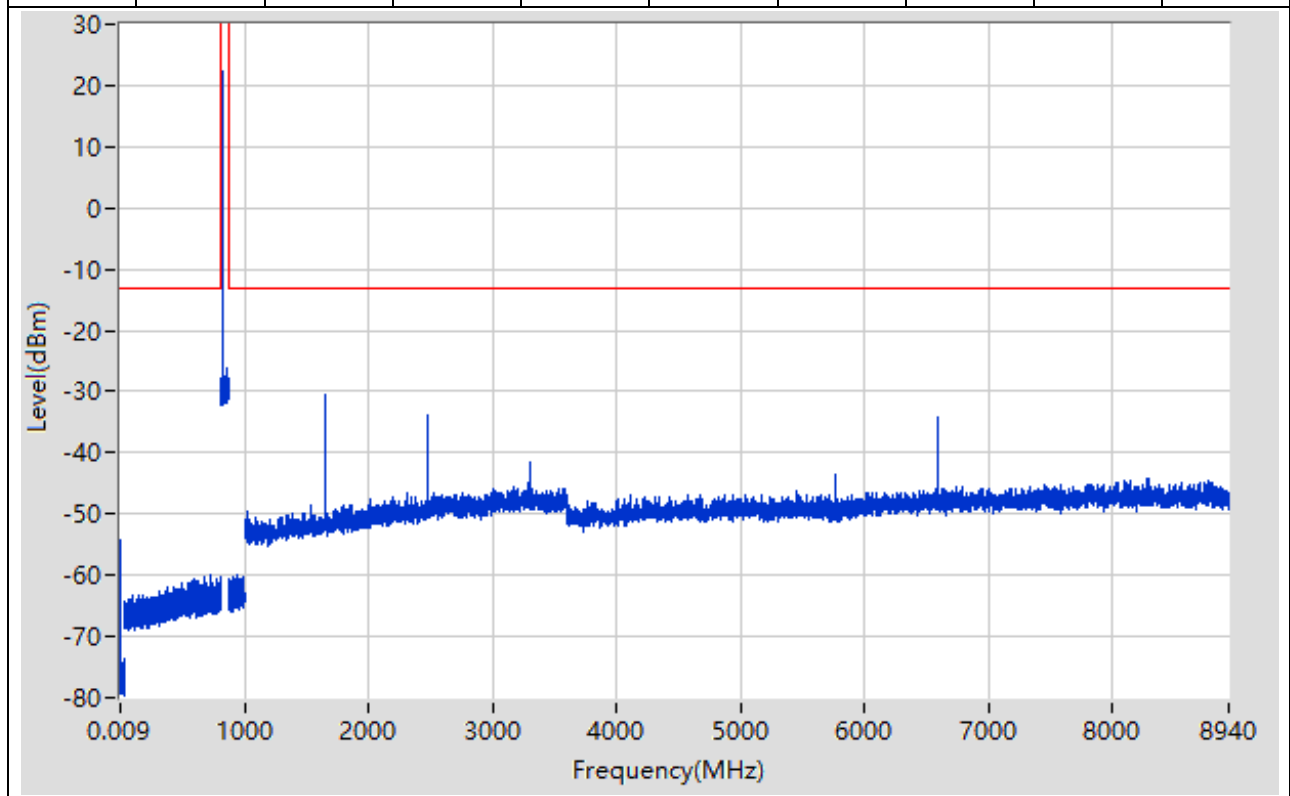
9.1. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:26815, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.27      | -13         | 43.27       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.76      | -13         | 43.76       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 770.4           | -60.23      | -13         | 47.23       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.3           | 21.68       | 60          | 38.32       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 929.6           | -58.51      | -13         | 45.51       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 2473            | -32.18      | -13         | 19.18       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6595            | -37.26      | -13         | 24.26       | Pass    | 5941        |



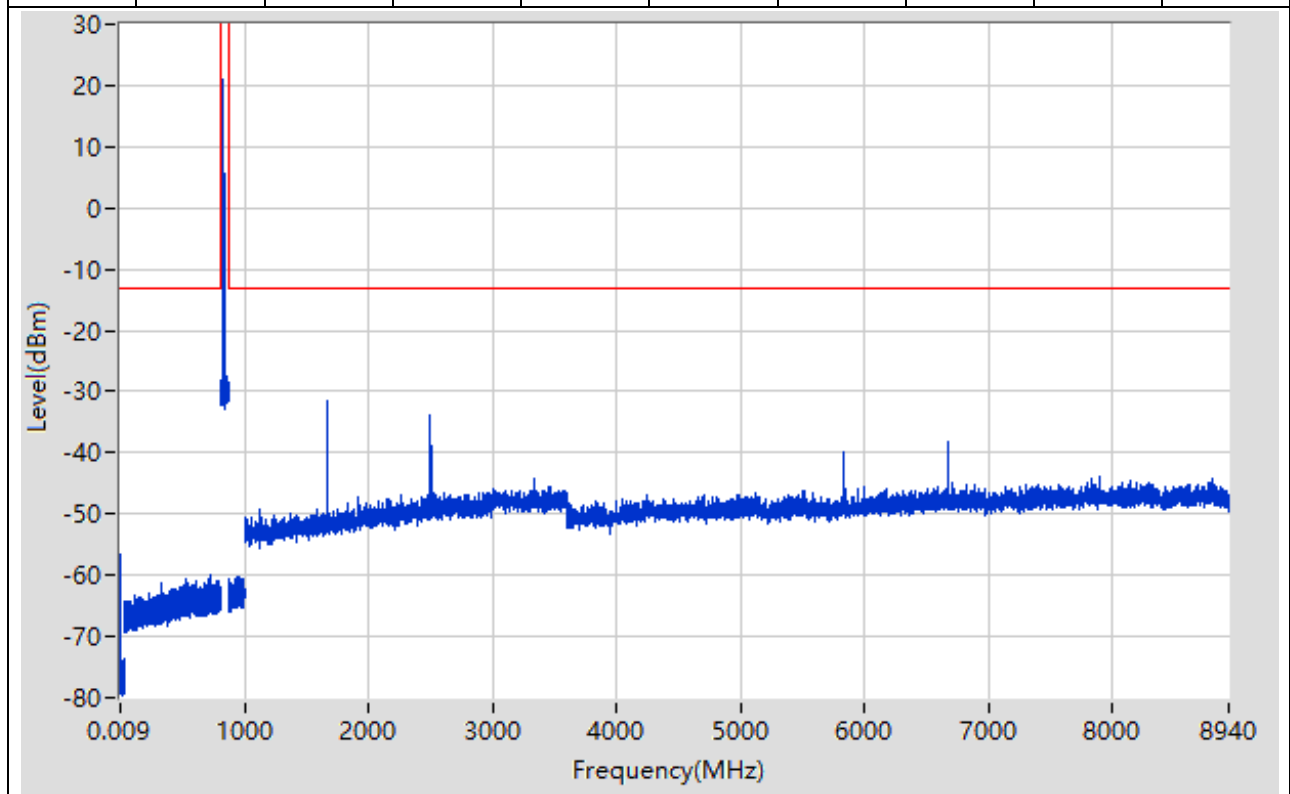
**9.2. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:26815, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.63      | -13         | 44.63       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.13      | -13         | 41.13       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 729             | -60.07      | -13         | 47.07       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.3           | 22.31       | 60          | 37.69       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 946.3           | -60.09      | -13         | 47.09       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -30.59      | -13         | 17.59       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6595            | -34.36      | -13         | 21.36       | Pass    | 5941        |



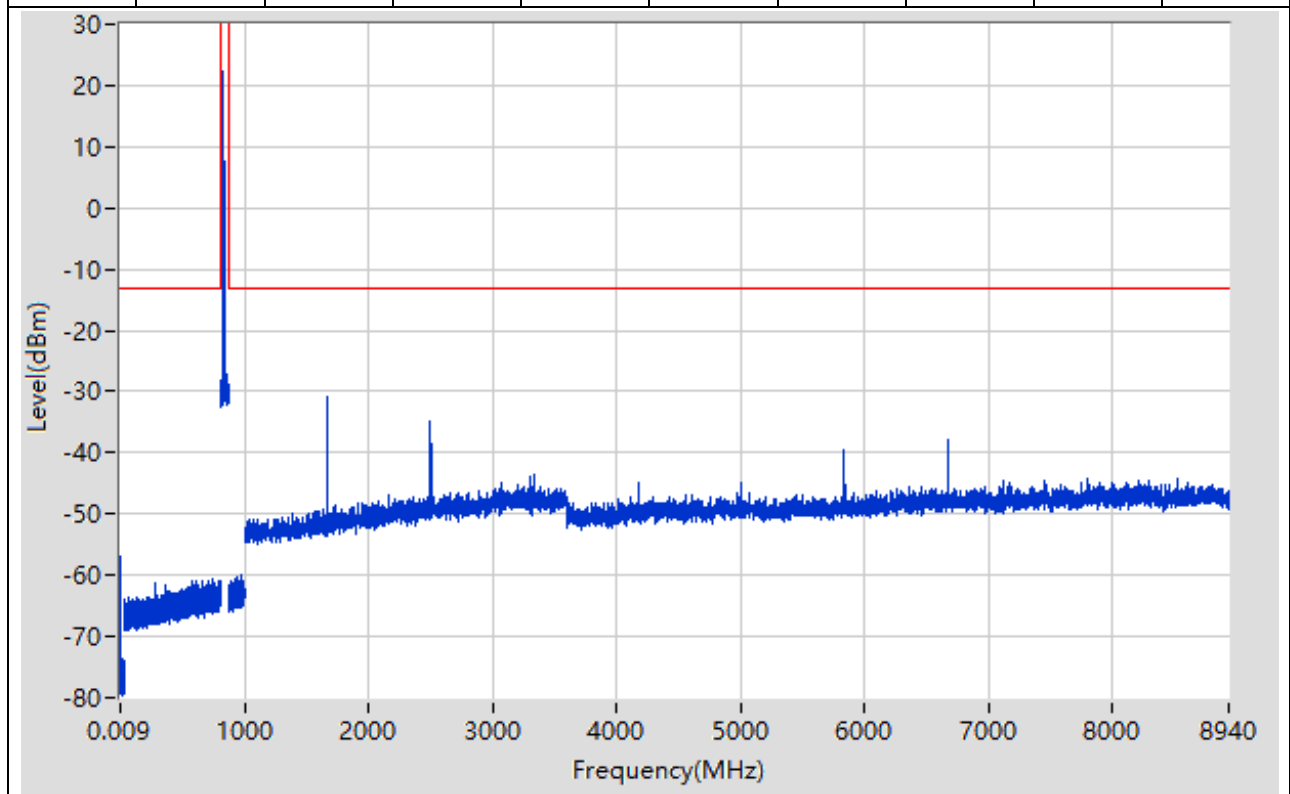
**9.3. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:26915, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.11      | -13         | 44.11       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.52      | -13         | 43.52       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 726             | -60.05      | -13         | 47.05       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 834.3           | 20.89       | 60          | 39.11       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 935.5           | -60.19      | -13         | 47.19       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1669            | -31.46      | -13         | 18.46       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6675            | -38.11      | -13         | 25.11       | Pass    | 5941        |



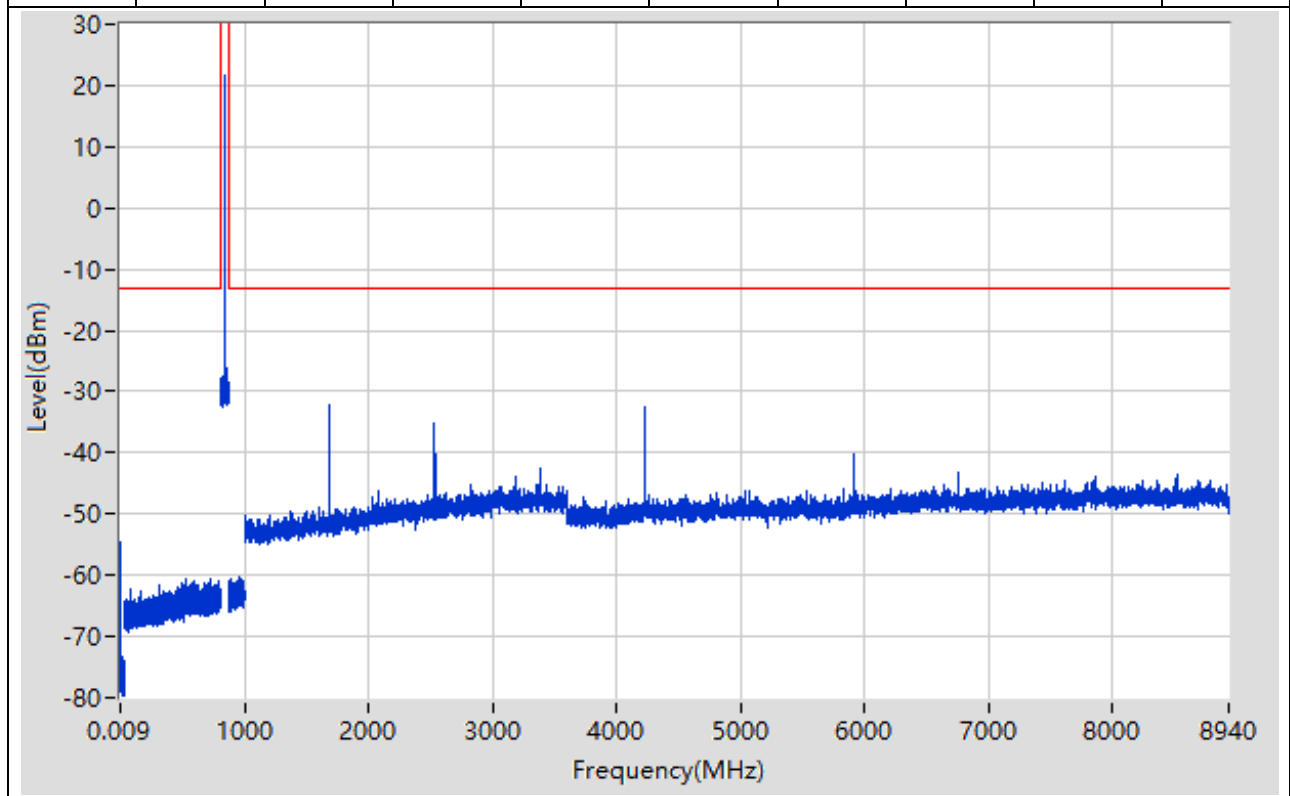
**9.4. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:26915, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.13      | -13         | 44.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.94      | -13         | 43.94       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 743.2           | -60.45      | -13         | 47.45       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 834.3           | 22.45       | 60          | 37.55       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 977.5           | -60         | -13         | 47          | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1669            | -30.77      | -13         | 17.77       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6675            | -37.8       | -13         | 24.8        | Pass    | 5941        |



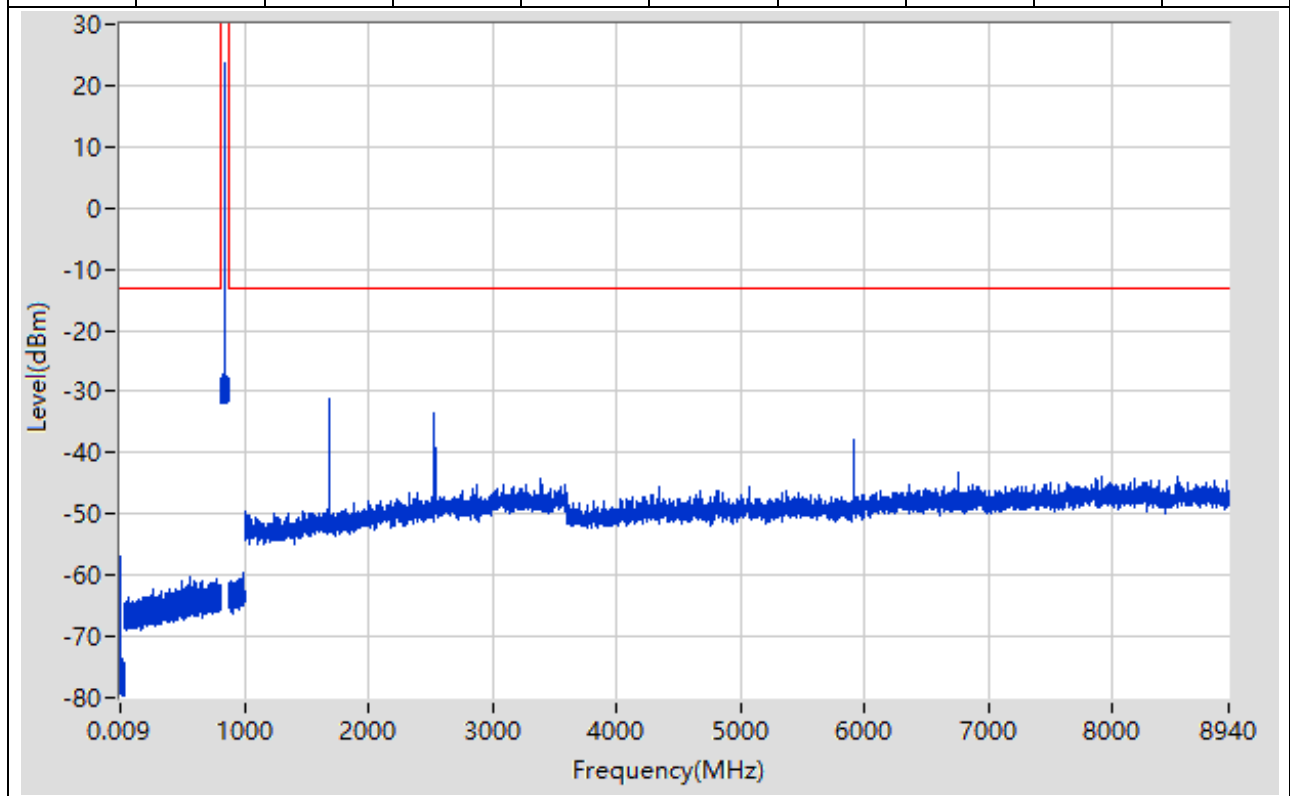
**9.5. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:27015, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.08      | -13         | 43.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.71      | -13         | 41.71       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 533.6           | -60.54      | -13         | 47.54       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 845.2           | 21.48       | 60          | 38.52       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 957.7           | -60.36      | -13         | 47.36       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1690            | -32.12      | -13         | 19.12       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 4226            | -32.65      | -13         | 19.65       | Pass    | 5941        |



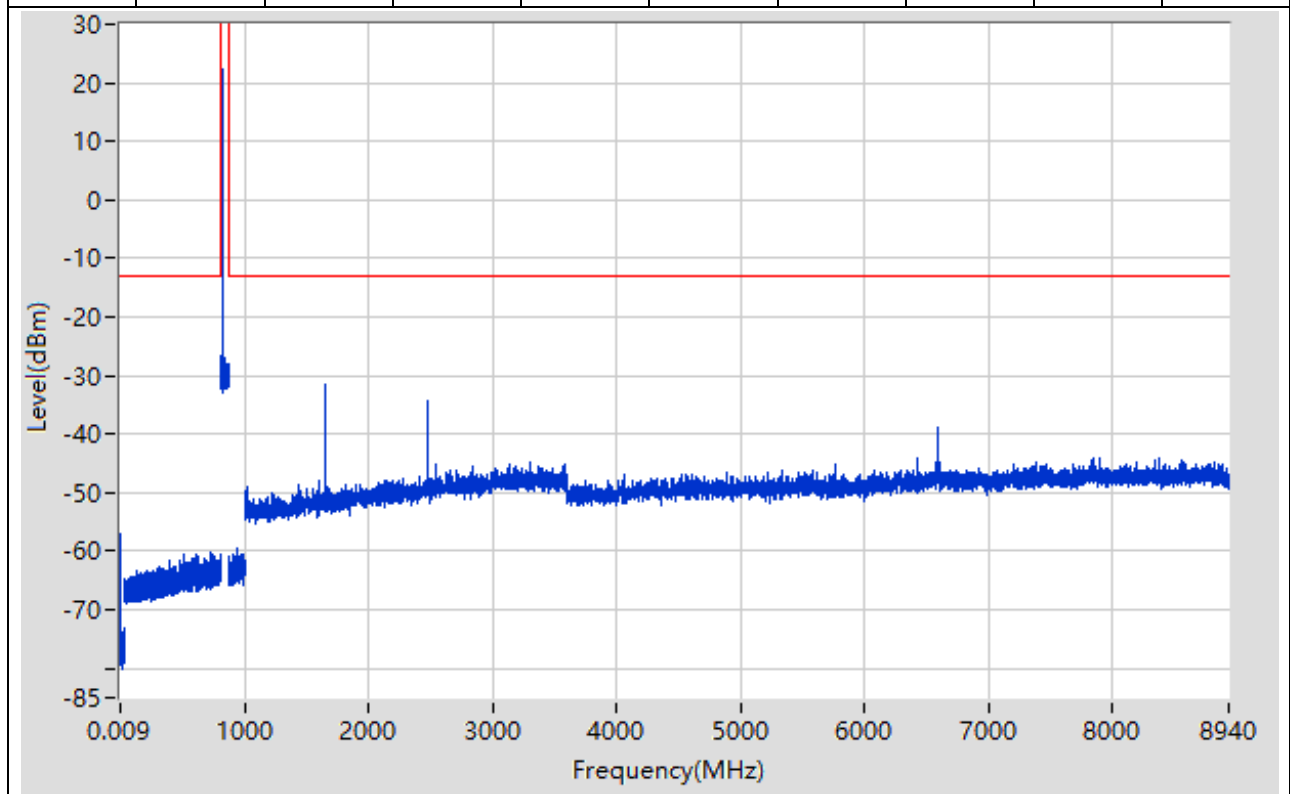
**9.6. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:27015, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.81      | -13         | 43.81       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.37      | -13         | 44.37       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 570             | -60.22      | -13         | 47.22       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 845.2           | 23.6        | 60          | 36.4        | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 990.4           | -59.68      | -13         | 46.68       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1690            | -31.16      | -13         | 18.16       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5917            | -37.72      | -13         | 24.72       | Pass    | 5941        |



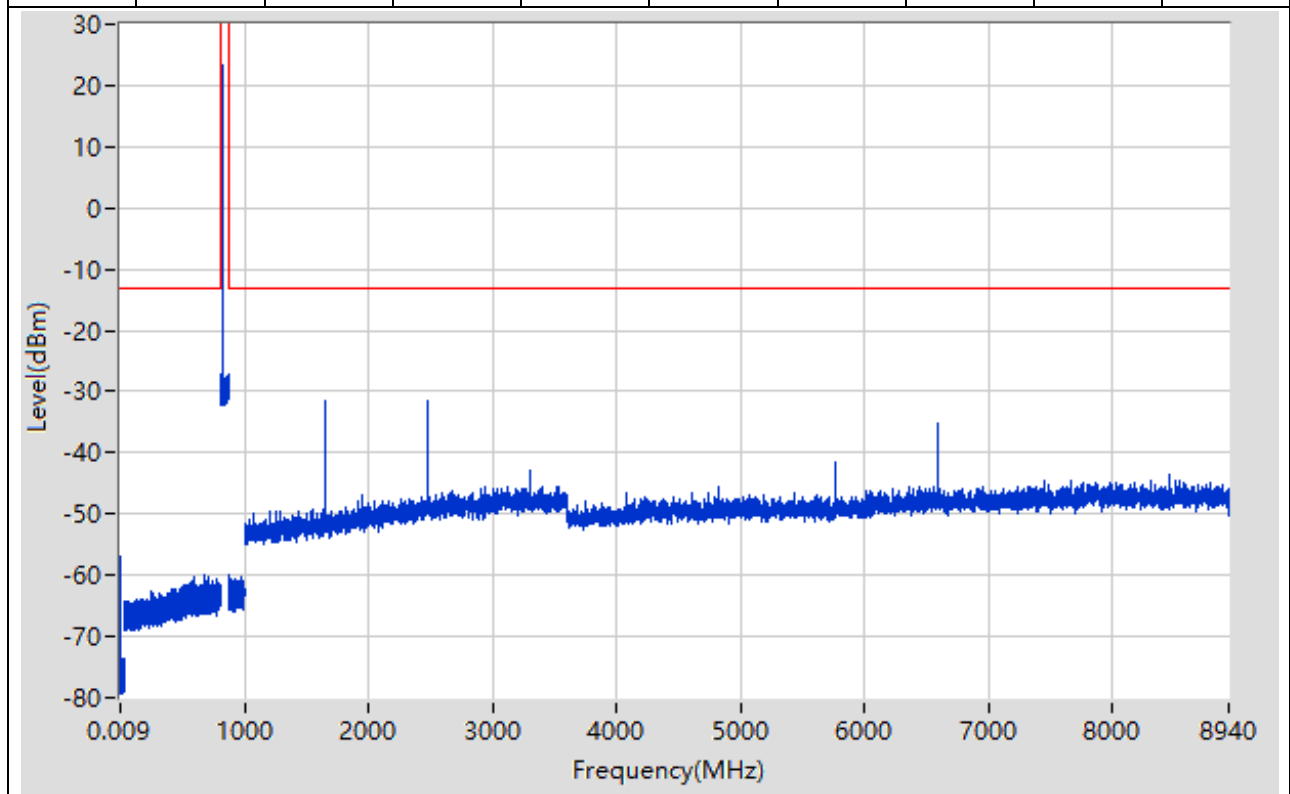
**9.7. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:26840, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.87      | -13         | 43.87       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.15      | -13         | 45.15       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 724             | -60.27      | -13         | 47.27       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.7           | 22.32       | 60          | 37.68       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 941.2           | -59.38      | -13         | 46.38       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1650            | -31.37      | -13         | 18.37       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6598            | -38.99      | -13         | 25.99       | Pass    | 5941        |



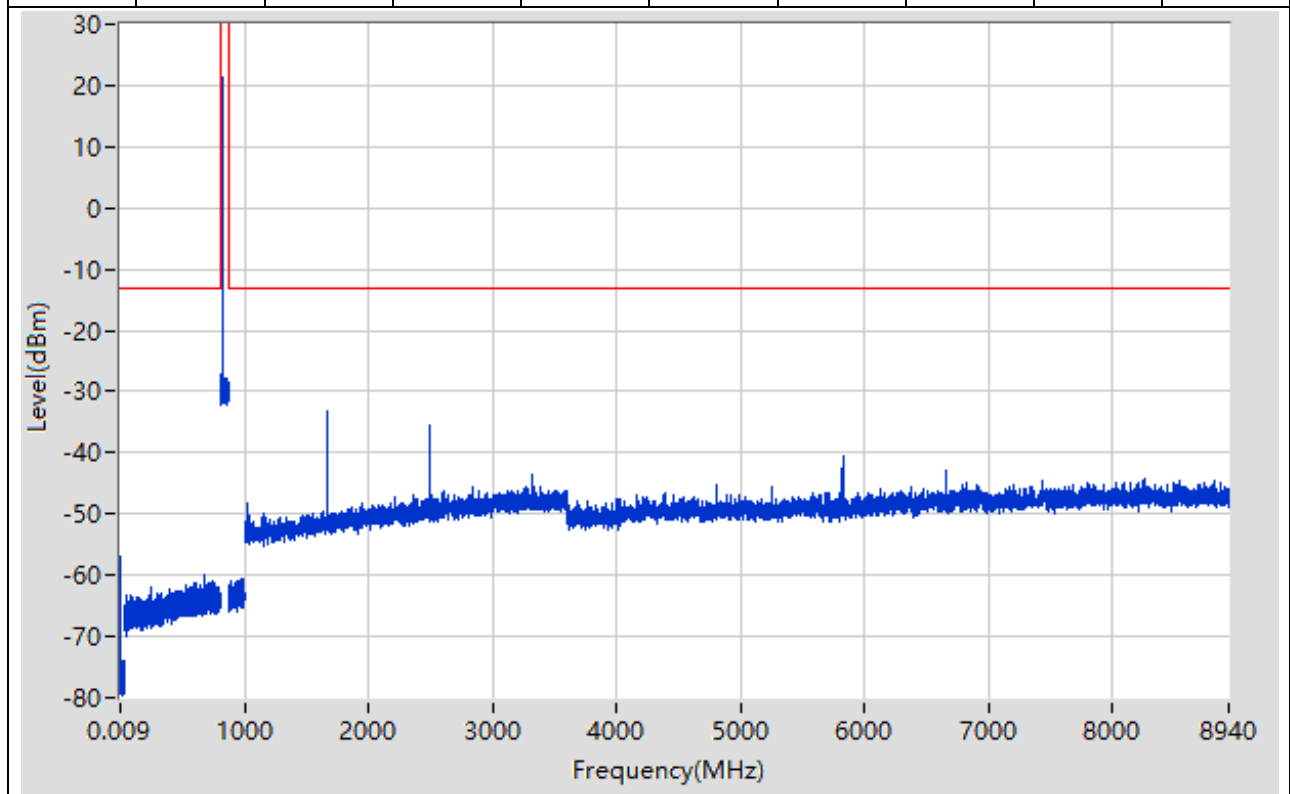
**9.8. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:26840, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -57.18      | -13         | 44.18       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.88      | -13         | 43.88       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 681.2           | -59.79      | -13         | 46.79       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 824.8           | 23.17       | 60          | 36.83       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 882.7           | -59.91      | -13         | 46.91       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1649            | -31.49      | -13         | 18.49       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6598            | -35.33      | -13         | 22.33       | Pass    | 5941        |



**9.9. Cat-M Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:26915, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

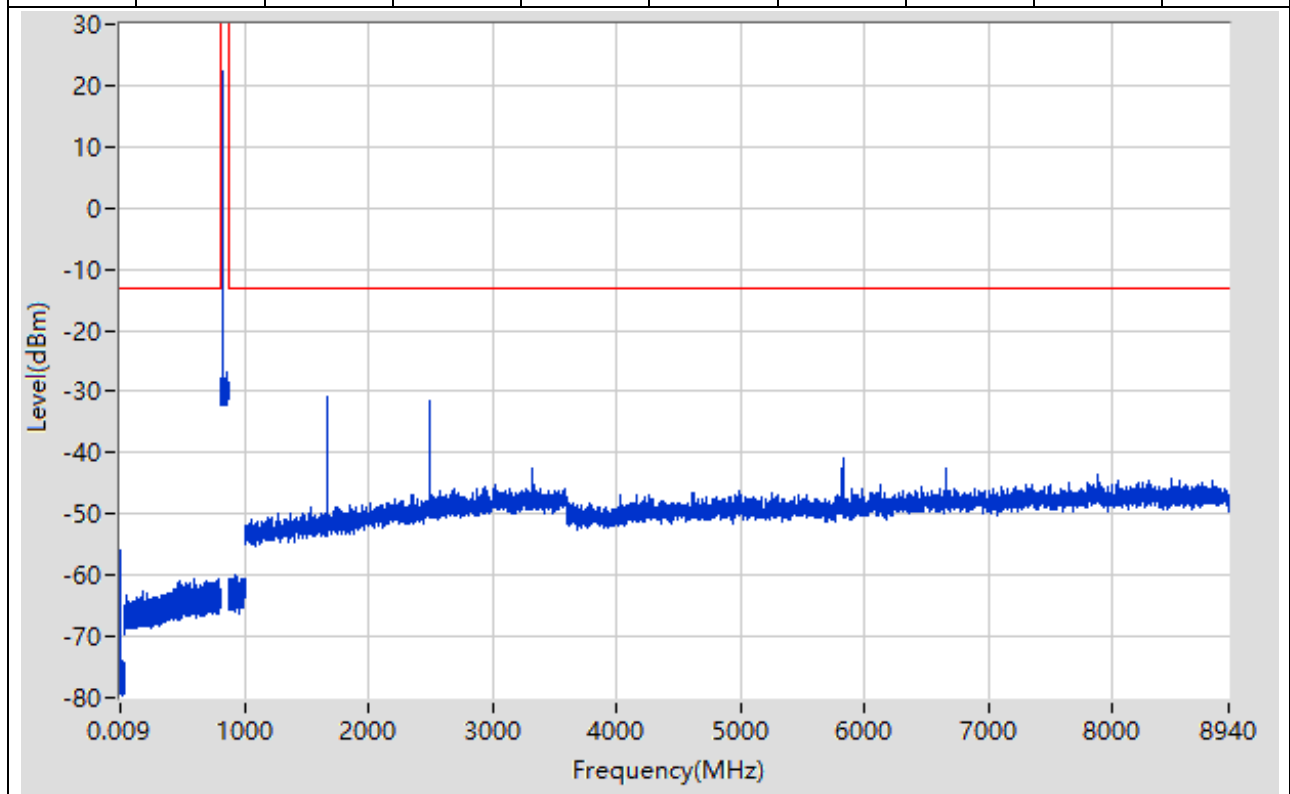
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.24      | -13         | 44.24       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.03      | -13         | 44.03       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 681.6           | -59.94      | -13         | 46.94       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 832.2           | 21.33       | 60          | 38.67       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 976.8           | -60.52      | -13         | 47.52       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1665            | -33.1       | -13         | 20.1        | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5826            | -40.41      | -13         | 27.41       | Pass    | 5941        |



## 9.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:26915, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

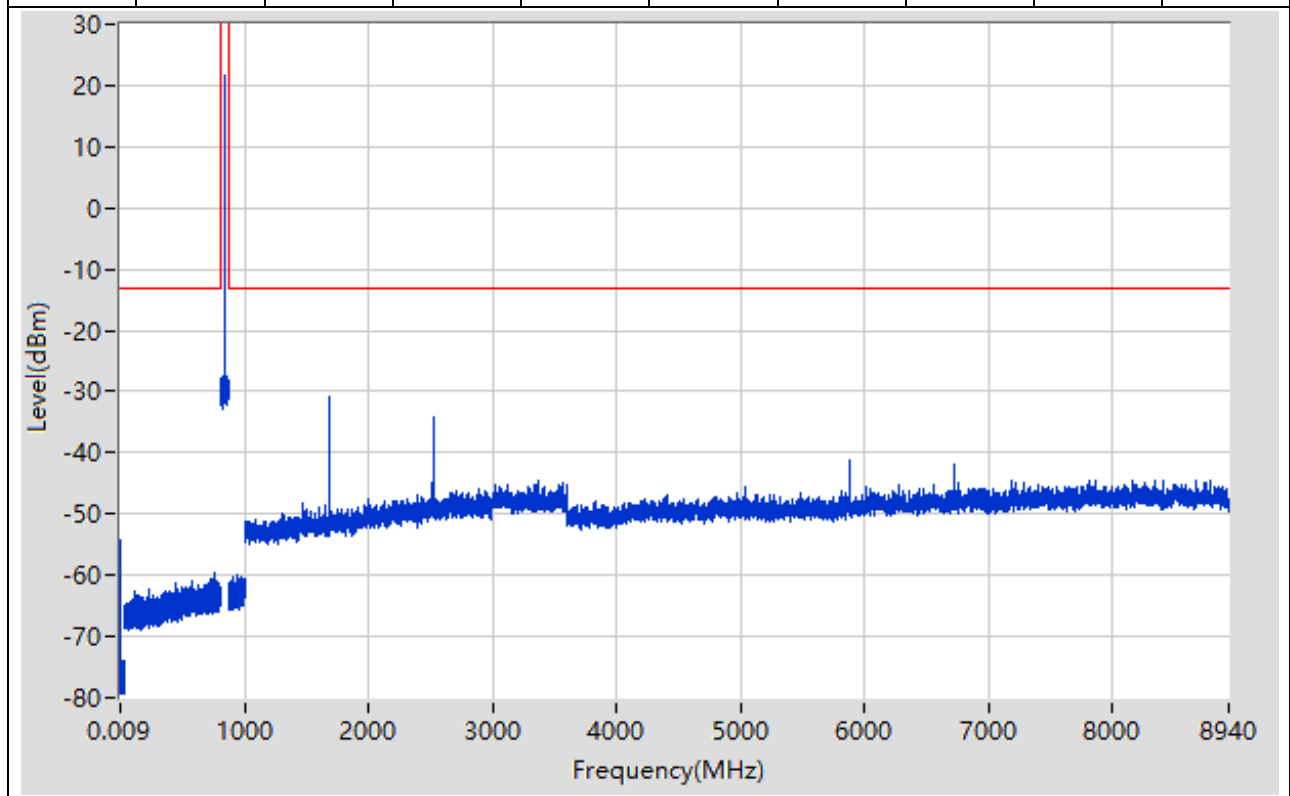
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.79      | -13         | 42.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.53      | -13         | 43.53       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 594.5           | -60.72      | -13         | 47.72       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 832.2           | 22.37       | 60          | 37.63       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 925.6           | -59.9       | -13         | 46.9        | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1664            | -30.92      | -13         | 17.92       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5826            | -40.9       | -13         | 27.9        | Pass    | 5941        |



### 9.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:26990, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

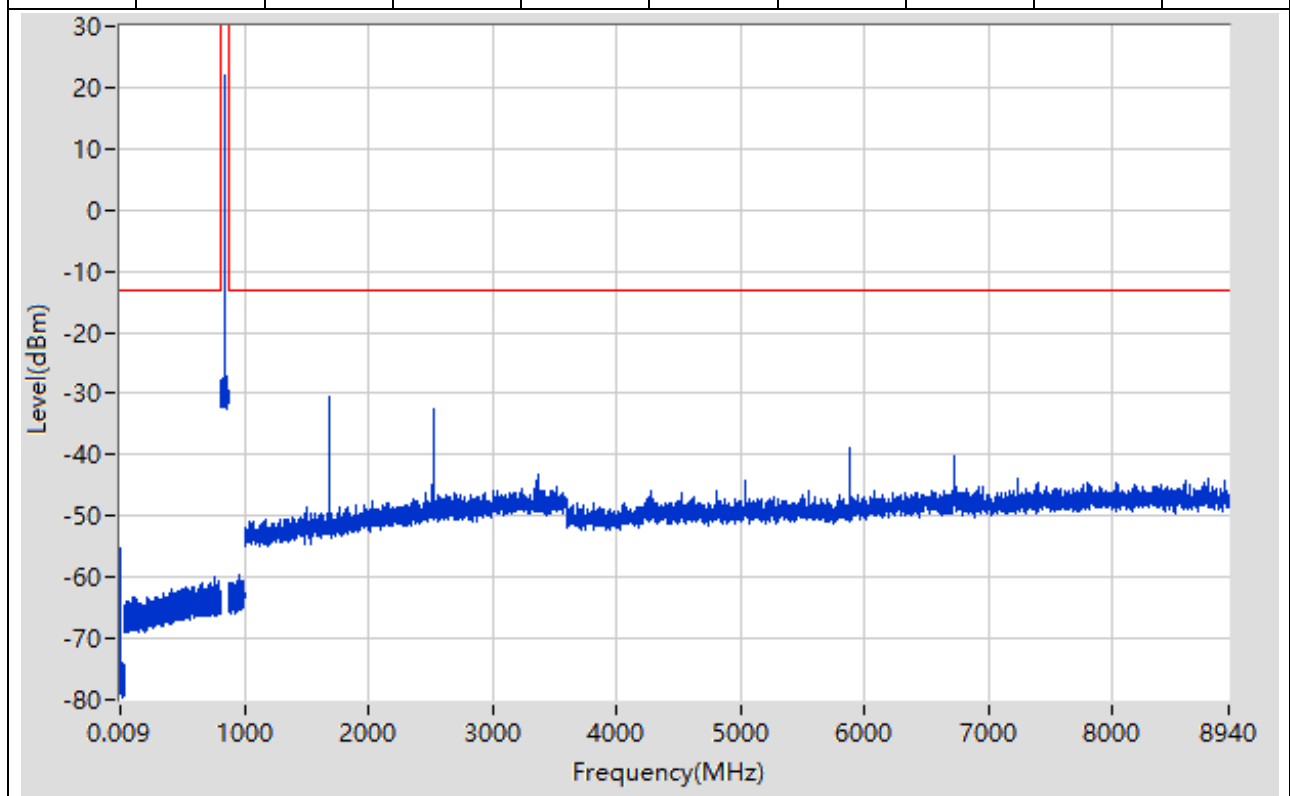
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.08      | -13         | 43.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.23      | -13         | 41.23       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 759.9           | -59.55      | -13         | 46.55       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 840.6           | 21.5        | 60          | 38.5        | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 946.5           | -60.06      | -13         | 47.06       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1681            | -30.69      | -13         | 17.69       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5885            | -41.18      | -13         | 28.18       | Pass    | 5941        |



## 9.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:26990, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

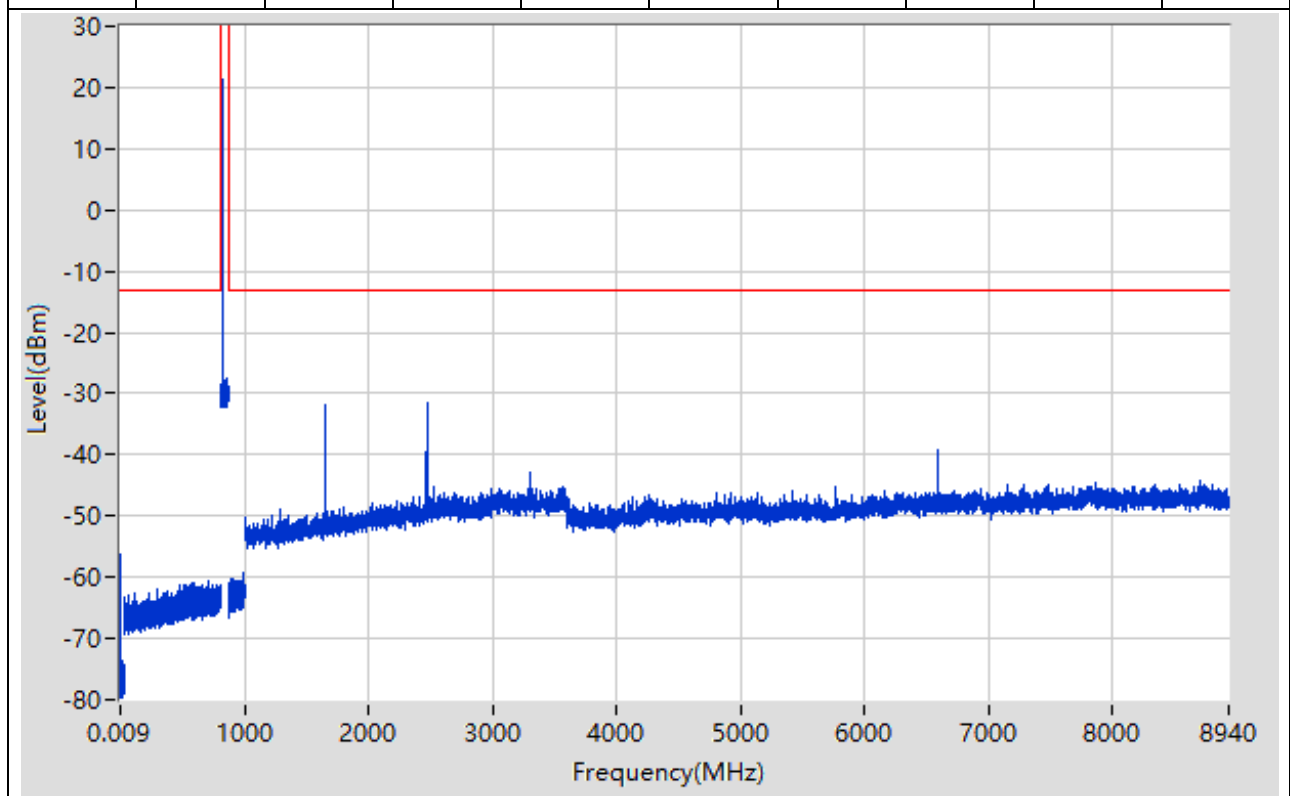
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.34      | -13         | 42.34       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.18      | -13         | 43.18       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 765.4           | -59.85      | -13         | 46.85       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 840.6           | 21.9        | 60          | 38.1        | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 964.8           | -59.7       | -13         | 46.7        | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1681            | -30.62      | -13         | 17.62       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5885            | -38.99      | -13         | 25.99       | Pass    | 5941        |



### 9.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:26865, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

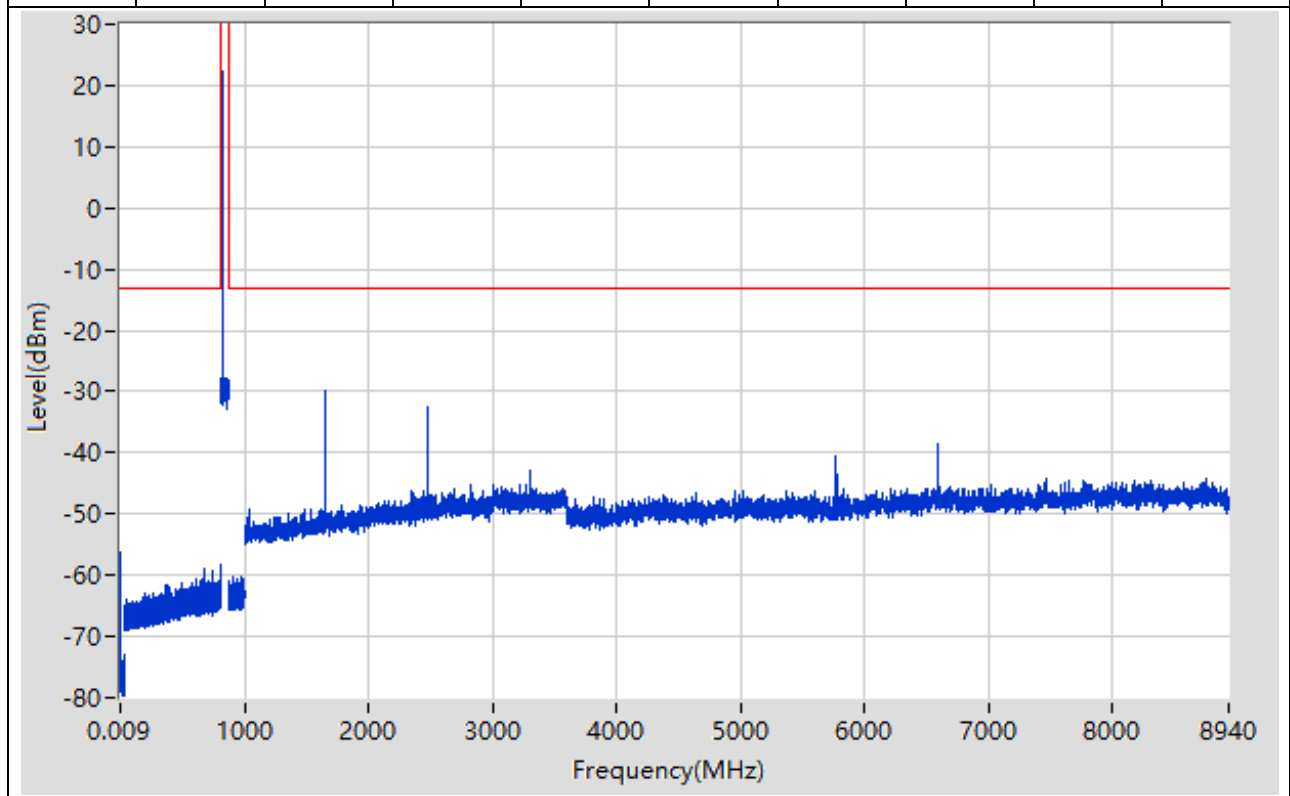
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -56.56      | -13         | 43.56       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.12      | -13         | 43.12       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 709.7           | -60.53      | -13         | 47.53       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 825             | 21.33       | 60          | 38.67       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 994.4           | -59.41      | -13         | 46.41       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 2475            | -31.54      | -13         | 18.54       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6600            | -39.24      | -13         | 26.24       | Pass    | 5941        |



#### 9.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:26865, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

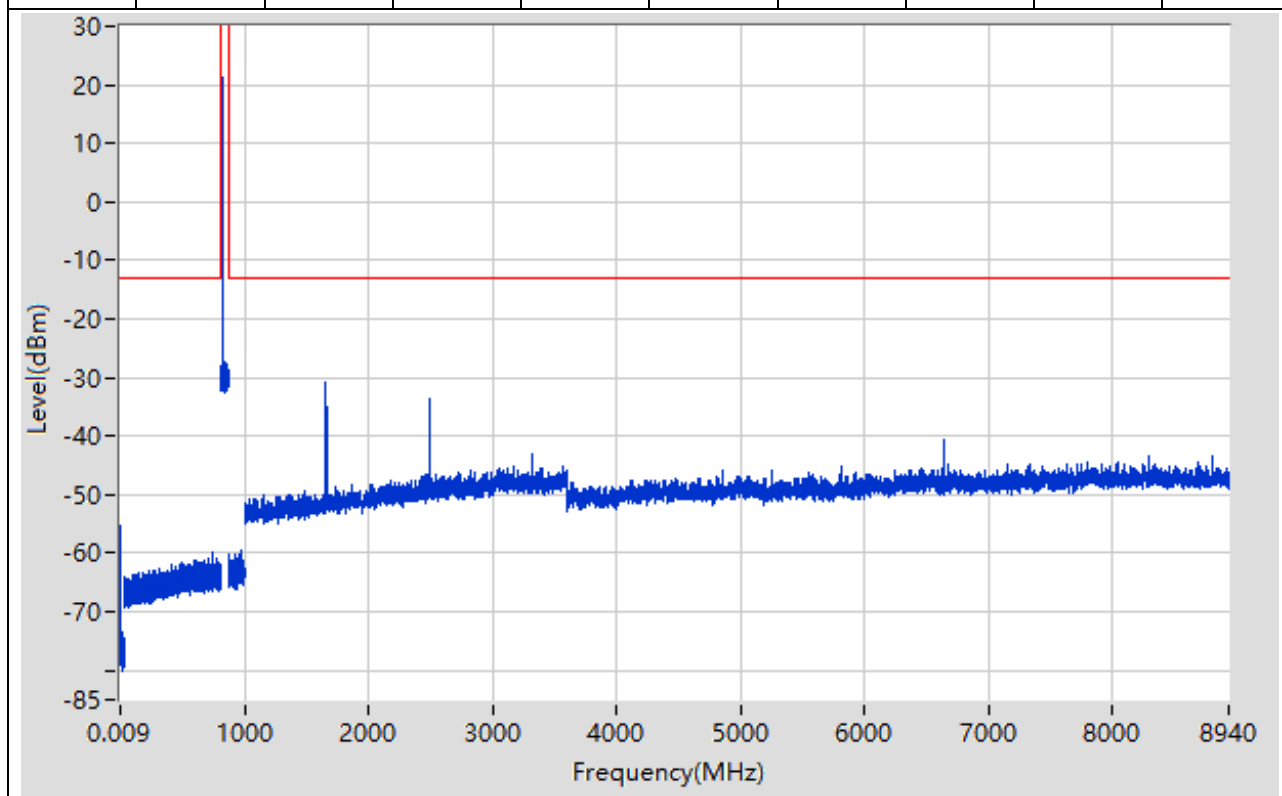
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.93      | -13         | 43.93       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.21      | -13         | 43.21       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 802.5           | -58.21      | -13         | 45.21       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 825             | 22.36       | 60          | 37.64       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 967.8           | -60.21      | -13         | 47.21       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1650            | -30.01      | -13         | 17.01       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6600            | -38.57      | -13         | 25.57       | Pass    | 5941        |



### 9.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:26915, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

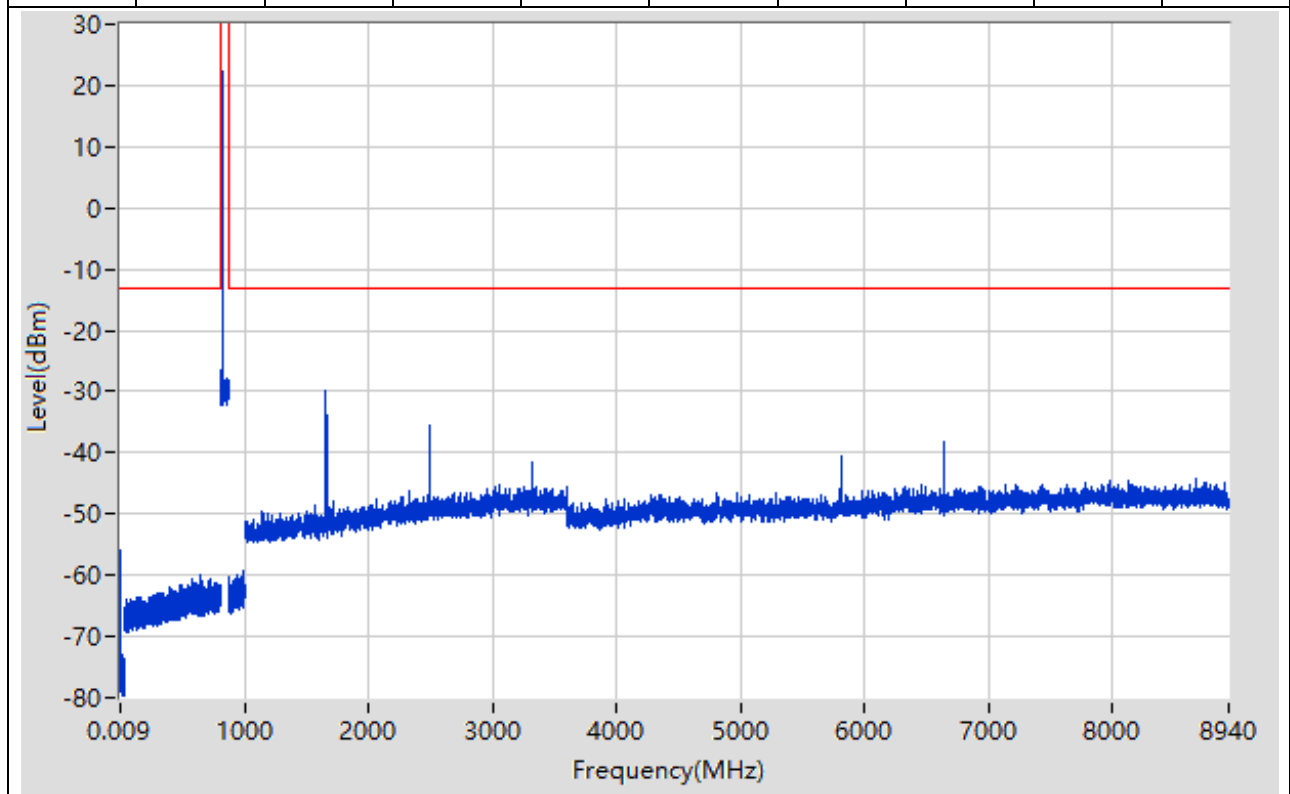
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.28      | -13         | 43.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.28      | -13         | 42.28       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 737.3           | -59.76      | -13         | 46.76       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 830             | 21.43       | 60          | 38.57       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 973.8           | -59.48      | -13         | 46.48       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1660            | -30.95      | -13         | 17.95       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6640            | -40.62      | -13         | 27.62       | Pass    | 5941        |



## 9.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:26915, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

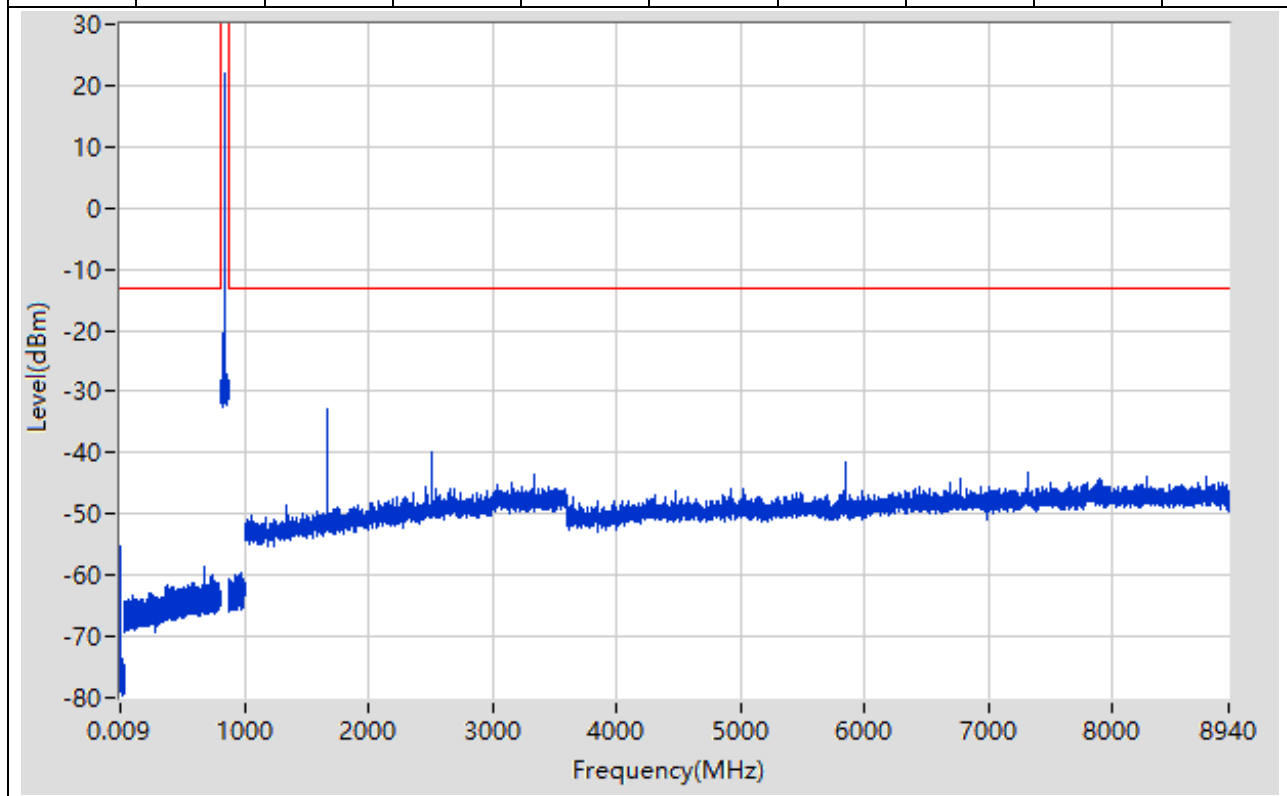
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.65      | -13         | 44.65       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.01      | -13         | 43.01       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 649.8           | -59.88      | -13         | 46.88       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 830             | 22.18       | 60          | 37.82       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 992.1           | -59.13      | -13         | 46.13       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1660            | -29.75      | -13         | 16.75       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 6640            | -38.26      | -13         | 25.26       | Pass    | 5941        |



### 9.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:26965, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

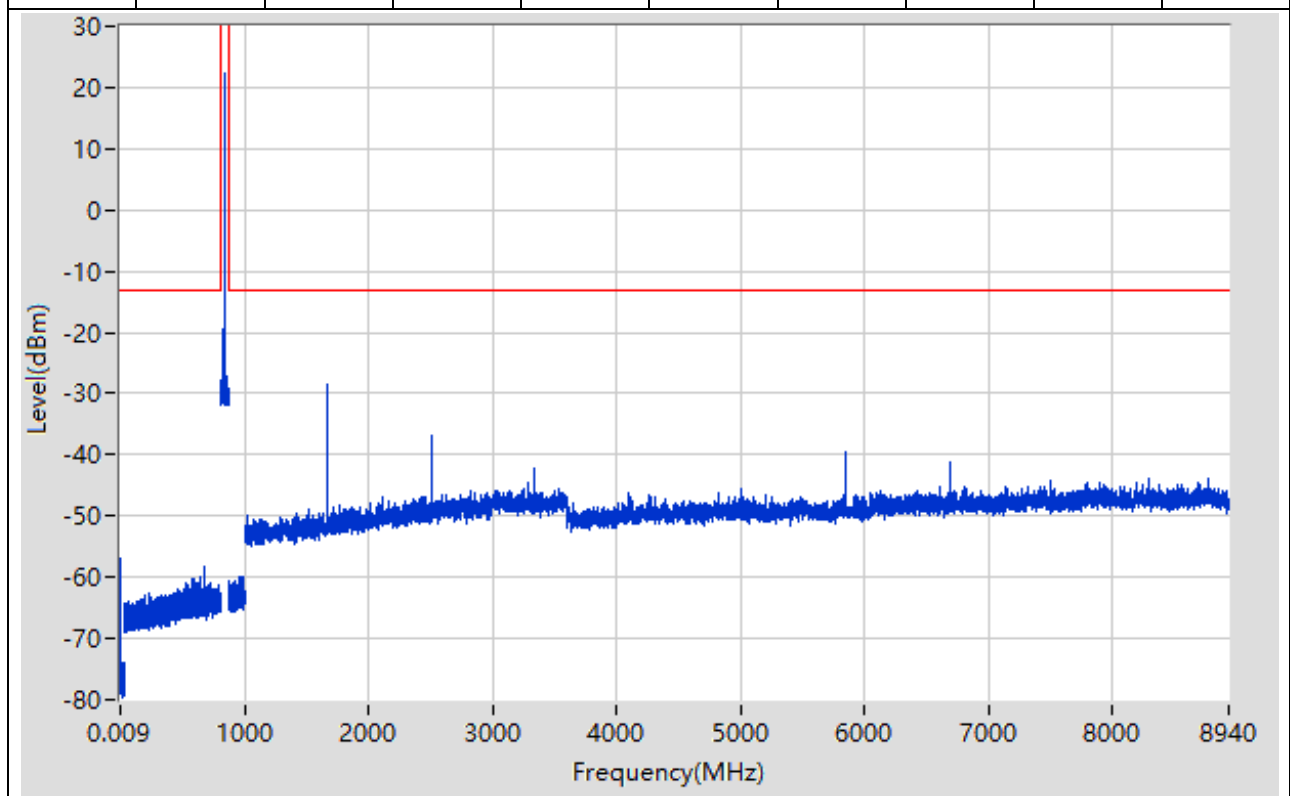
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -55.33      | -13         | 42.33       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.21      | -13         | 43.21       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 681.5           | -58.76      | -13         | 45.76       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 835.9           | 22.04       | 60          | 37.96       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 975.4           | -59.55      | -13         | 46.55       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1672            | -32.84      | -13         | 19.84       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5852            | -41.6       | -13         | 28.6        | Pass    | 5941        |



### 9.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:26965, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

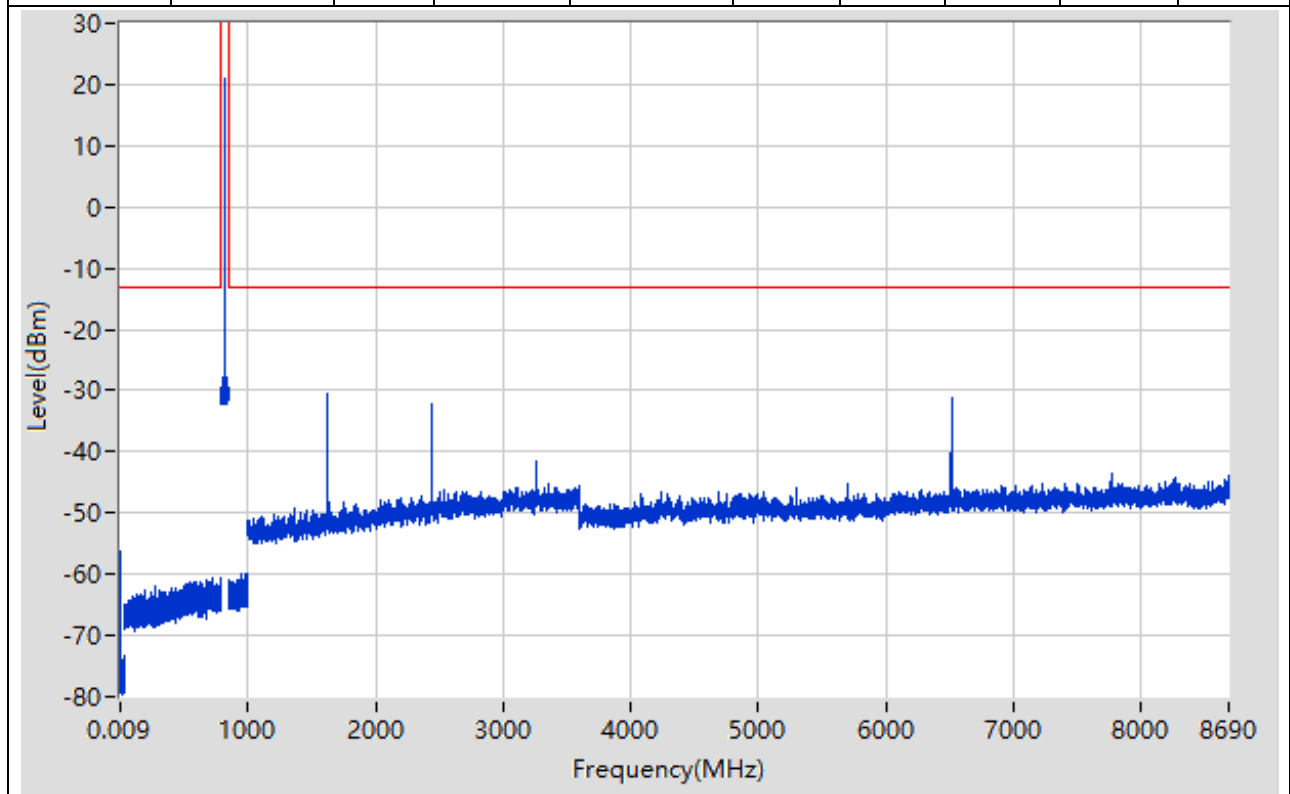
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57         | -13         | 44          | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.37      | -13         | 44.37       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 681.3           | -58.24      | -13         | 45.24       | Pass    | 7741        |
| 804                   | 869                  | 0.1       | RMS      | 835.9           | 22.33       | 60          | 37.67       | Pass    | 651         |
| 869                   | 1000                 | 0.1       | RMS      | 959.8           | -59.95      | -13         | 46.95       | Pass    | 1311        |
| 1000                  | 3000                 | 1         | RMS      | 1672            | -28.54      | -13         | 15.54       | Pass    | 2001        |
| 3000                  | 8940                 | 1         | RMS      | 5851            | -39.47      | -13         | 26.47       | Pass    | 5941        |



## 10. Cat-M\_Band26(part90)

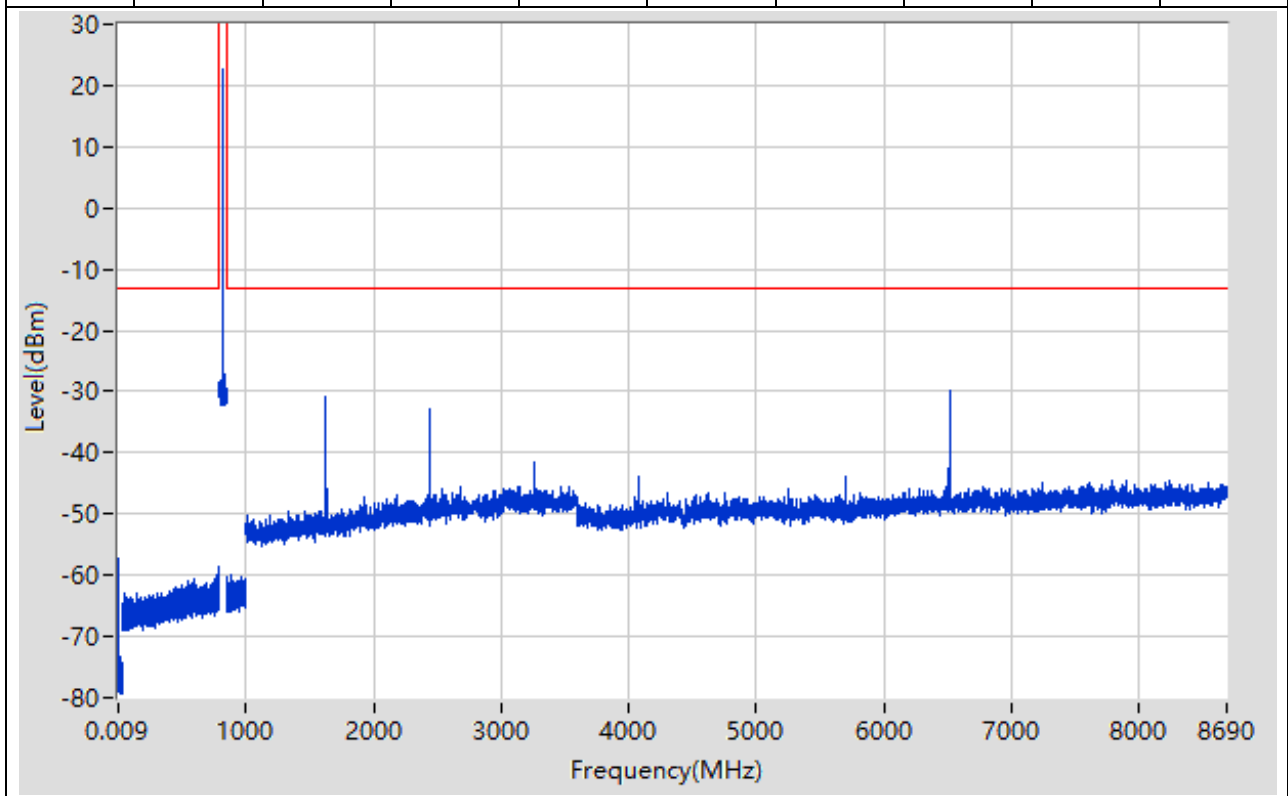
10.1. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:1, Channel:26715, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -56.38      | -13         | 43.38       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.86      | -13         | 44.86       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 793.9           | -60.52      | -13         | 47.52       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 814.3           | 21.11       | 60          | 38.89       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 974.3           | -60.02      | -13         | 47.02       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1629            | -30.58      | -13         | 17.58       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6515            | -31.19      | -13         | 18.19       | Pass    | 5691        |



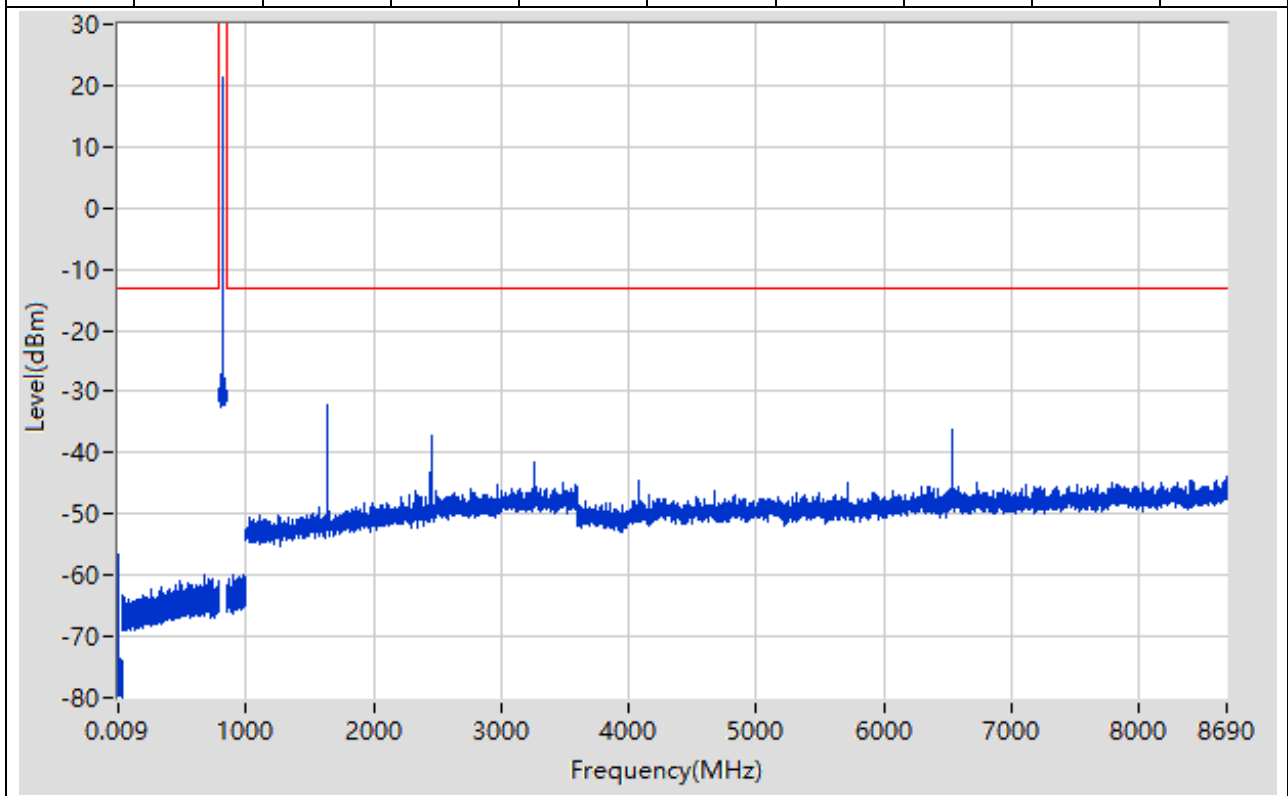
## 10.2. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:2, Channel:26715, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.3       | -13         | 44.3        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.15      | -13         | 44.15       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 792.5           | -58.69      | -13         | 45.69       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 814.3           | 22.63       | 60          | 37.37       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 878.3           | -60.07      | -13         | 47.07       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1629            | -30.72      | -13         | 17.72       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6515            | -29.9       | -13         | 16.9        | Pass    | 5691        |



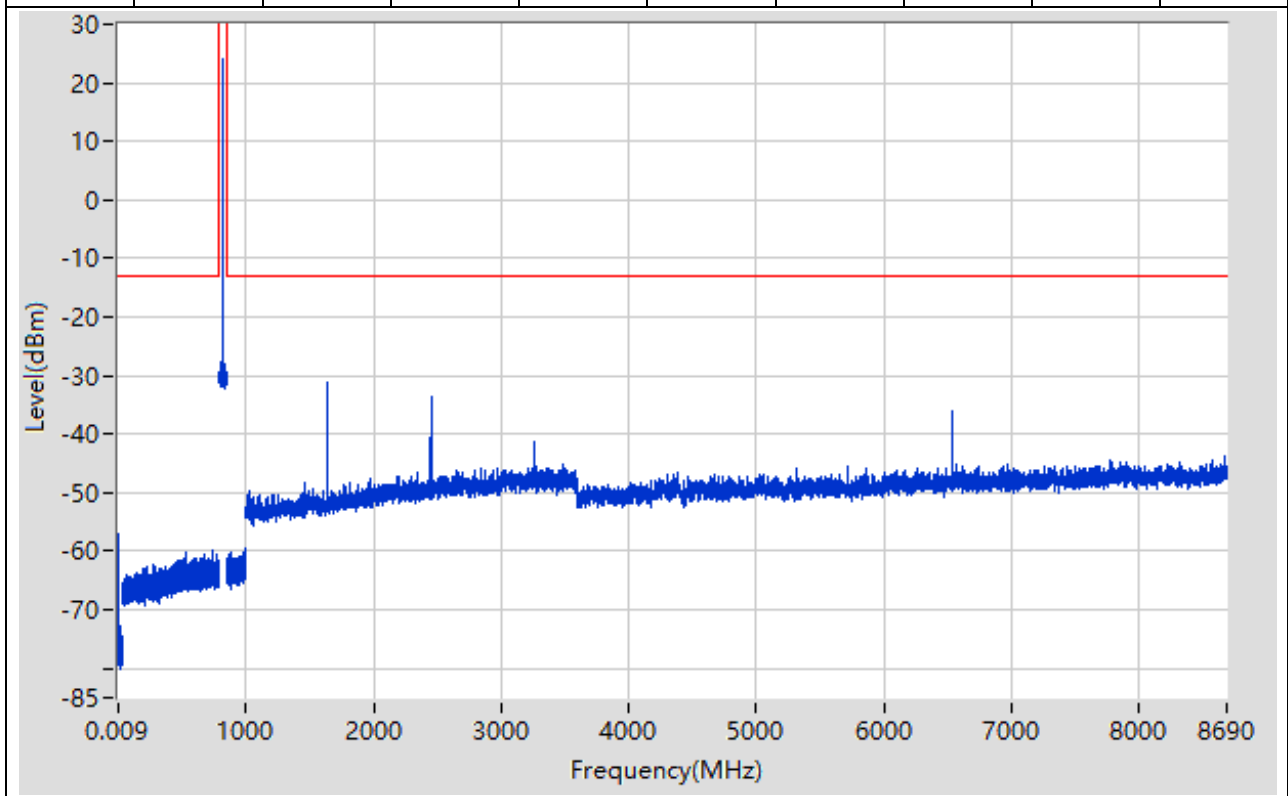
### 10.3. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:3, Channel:26740, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -56.7       | -13         | 43.7        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -57.61      | -13         | 44.61       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 681.1           | -60.09      | -13         | 47.09       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 816.8           | 21.39       | 60          | 38.61       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 902.8           | -59.88      | -13         | 46.88       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1634            | -32.32      | -13         | 19.32       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6535            | -36.26      | -13         | 23.26       | Pass    | 5691        |



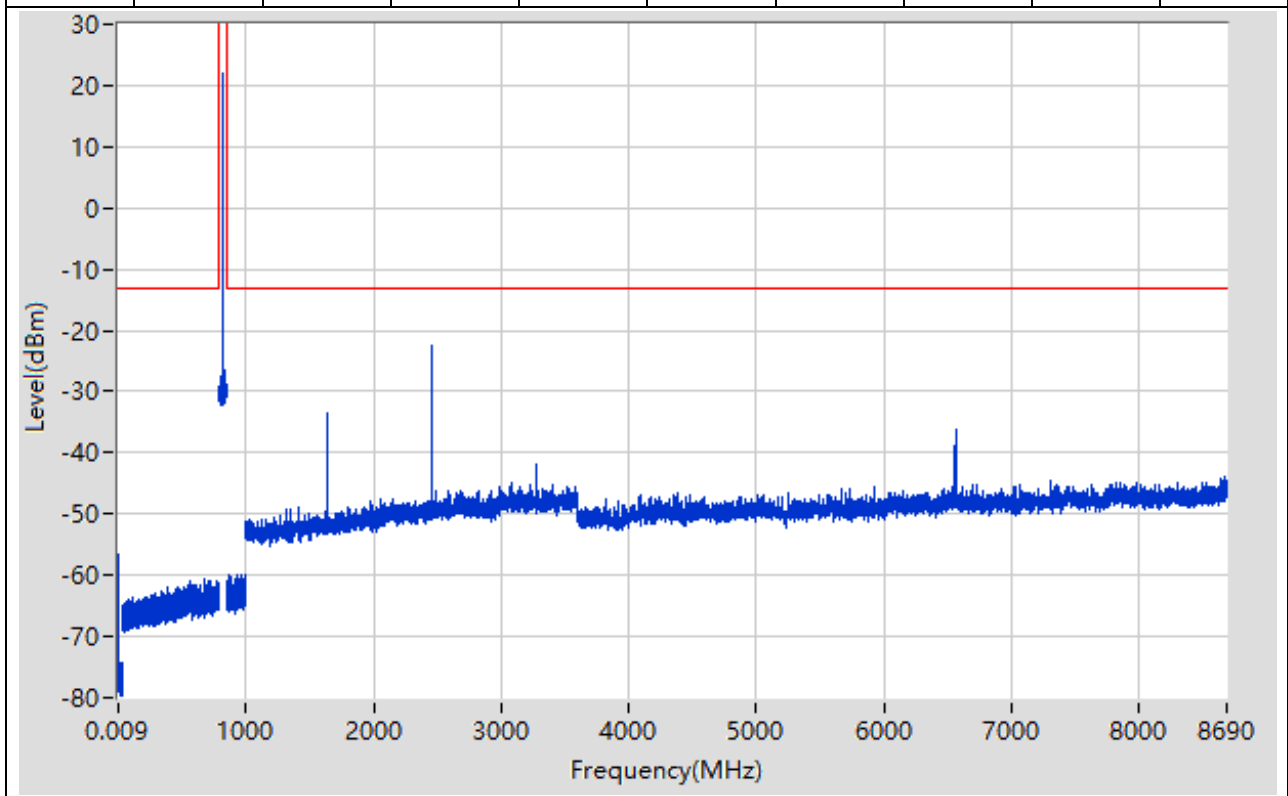
**10.4. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:4, Channel:26740, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.18      | -13         | 44.18       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -56.97      | -13         | 43.97       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 736.2           | -59.86      | -13         | 46.86       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 816.8           | 24.02       | 60          | 35.98       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 992.7           | -59.57      | -13         | 46.57       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1634            | -31.11      | -13         | 18.11       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6535            | -36.05      | -13         | 23.05       | Pass    | 5691        |



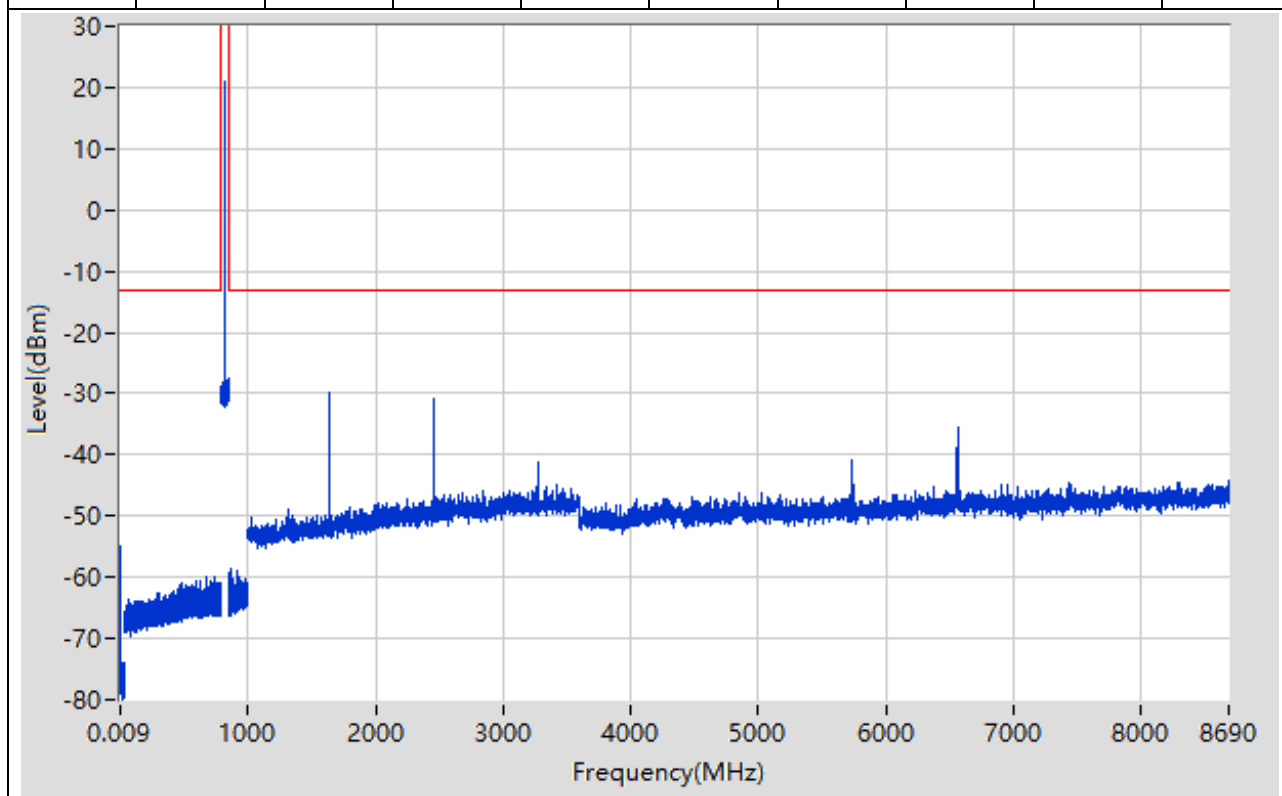
**10.5. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:5, Channel:26765, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -57.26      | -13         | 44.26       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.54      | -13         | 43.54       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 681.3           | -60.48      | -13         | 47.48       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 820.2           | 21.91       | 60          | 38.09       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 969.3           | -59.85      | -13         | 46.85       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 2461            | -22.34      | -13         | 9.34        | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6562            | -36.22      | -13         | 23.22       | Pass    | 5691        |



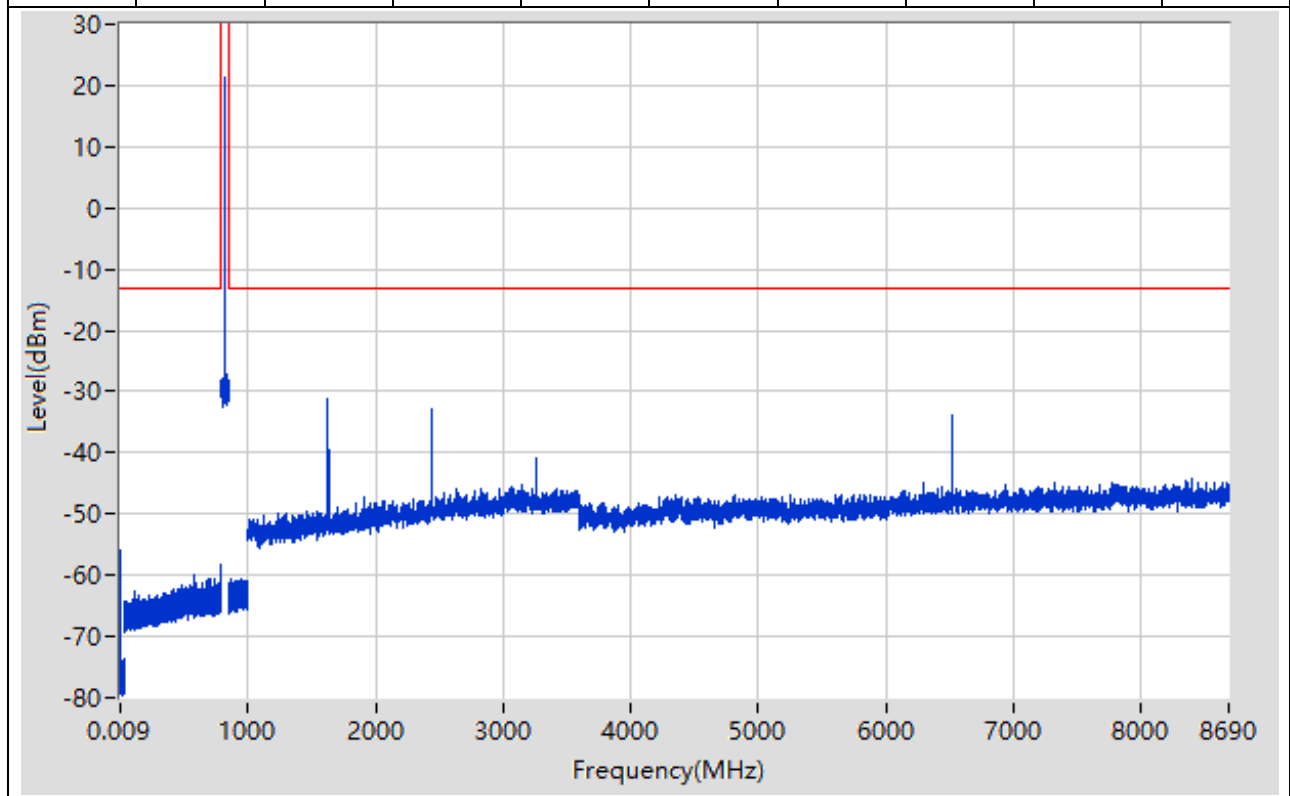
**10.6. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:6, Channel:26765, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.82      | -13         | 43.82       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.94      | -13         | 41.94       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 680.6           | -59.79      | -13         | 46.79       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 820.2           | 20.92       | 60          | 39.08       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 868.1           | -58.74      | -13         | 45.74       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1640            | -29.82      | -13         | 16.82       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6562            | -35.69      | -13         | 22.69       | Pass    | 5691        |



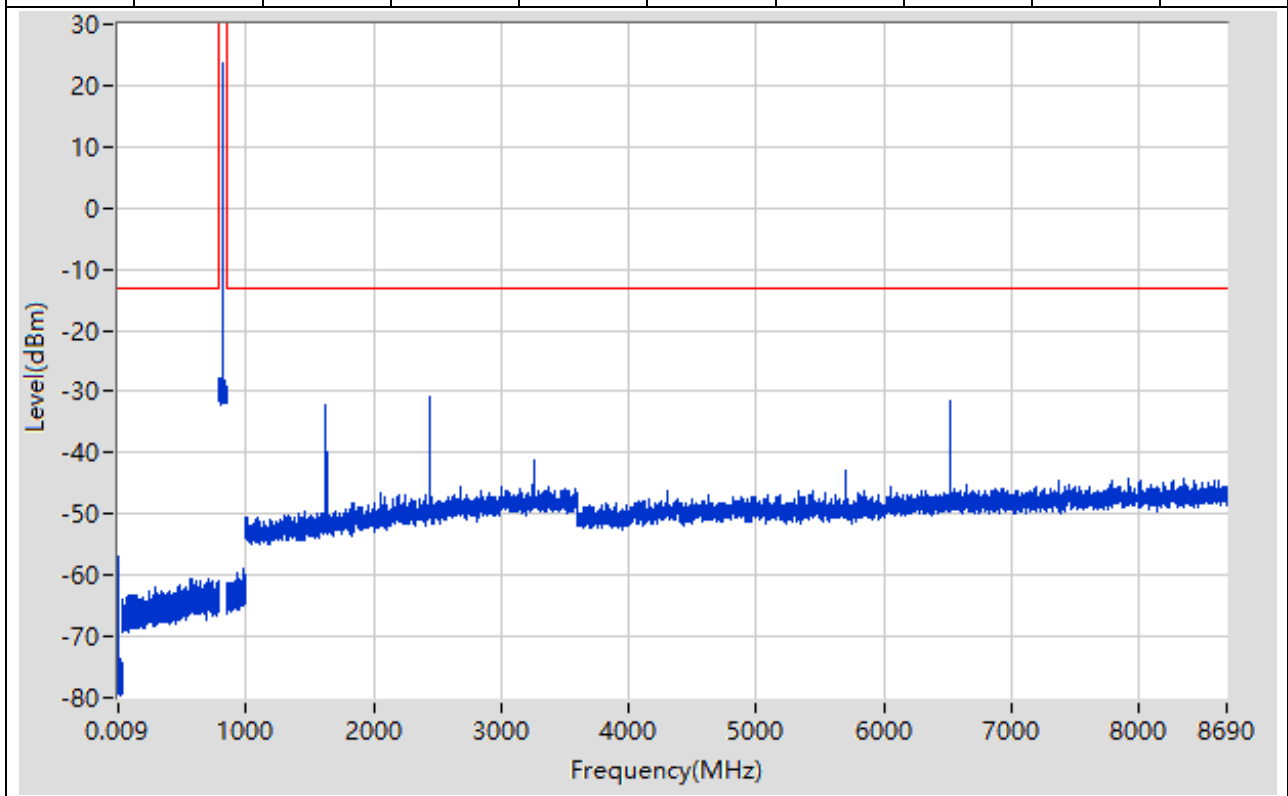
**10.7. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:7, Channel:26740, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.01      | -13         | 43.01       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.19      | -13         | 43.19       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 792.3           | -58.43      | -13         | 45.43       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 814.8           | 21.25       | 60          | 38.75       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 870.7           | -60.47      | -13         | 47.47       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1629            | -31.18      | -13         | 18.18       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6518            | -33.77      | -13         | 20.77       | Pass    | 5691        |



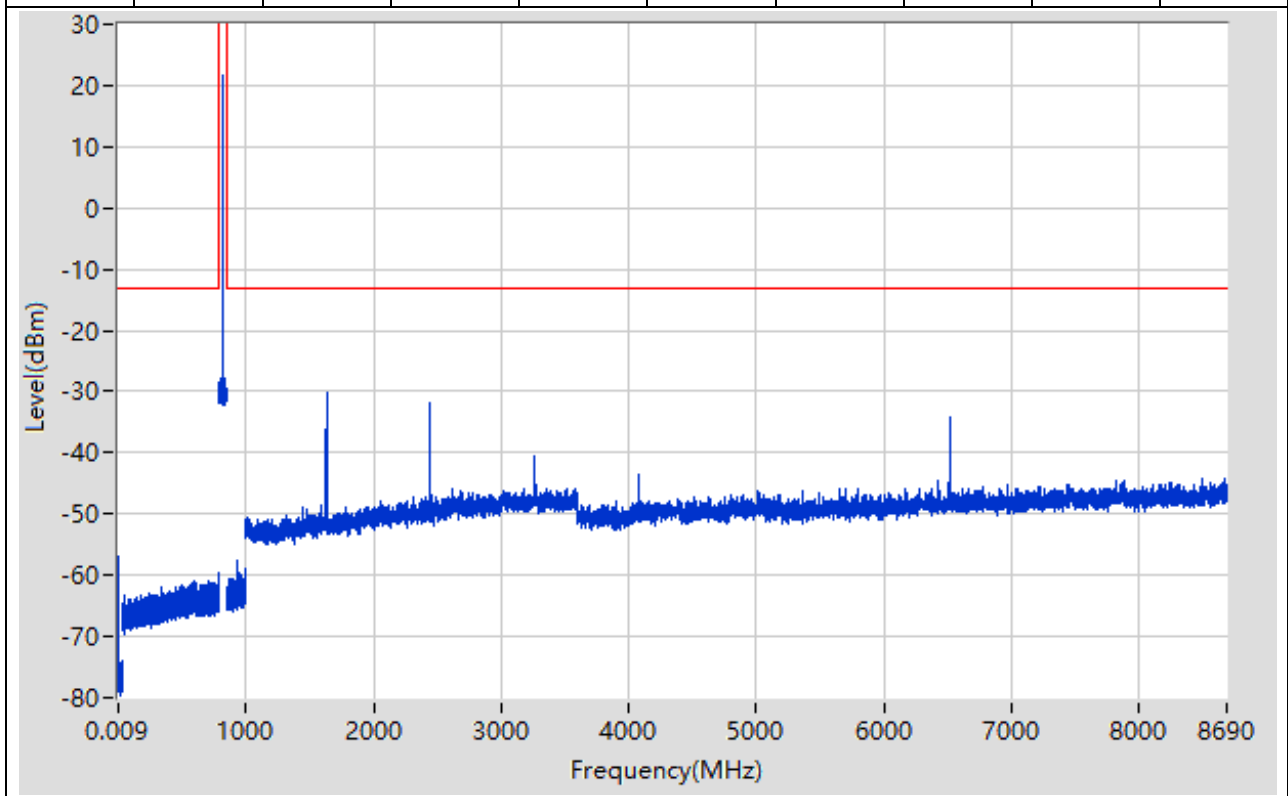
**10.8. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:8, Channel:26740, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.19      | -13         | 44.19       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.02      | -13         | 44.02       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 566             | -60.7       | -13         | 47.7        | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 814.7           | 23.51       | 60          | 36.49       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 975.6           | -58.97      | -13         | 45.97       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 2444            | -30.88      | -13         | 17.88       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6518            | -31.54      | -13         | 18.54       | Pass    | 5691        |



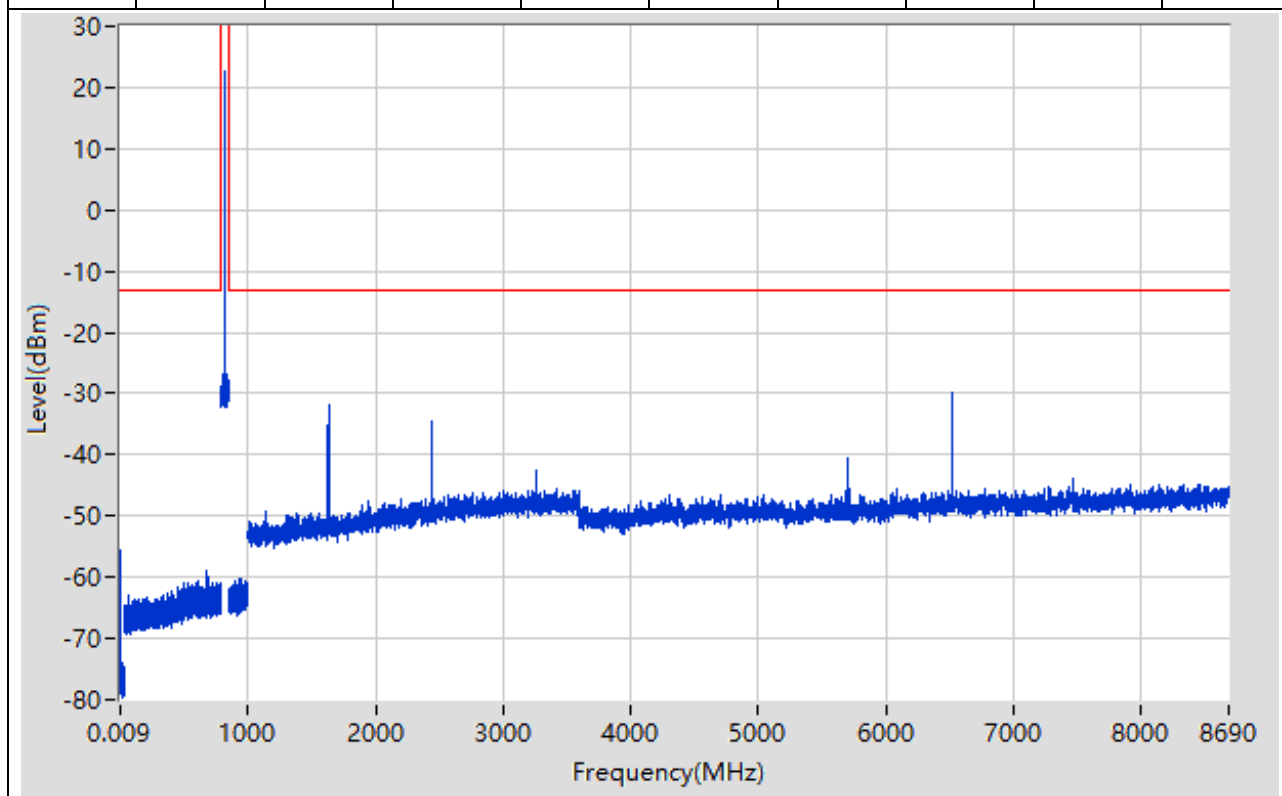
**10.9. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:9, Channel:26740, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.89      | -13         | 43.89       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.63      | -13         | 44.63       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 793.1           | -59.52      | -13         | 46.52       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 815.7           | 21.77       | 60          | 38.23       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 930             | -57.68      | -13         | 44.68       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1631            | -30.11      | -13         | 17.11       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6525            | -34.06      | -13         | 21.06       | Pass    | 5691        |



**10.10. Cat-M Spurious Emission at Antenna Terminals\_Part90(NTNV)(Subtest:10, Channel:26740, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.23      | -13         | 44.23       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.68      | -13         | 42.68       | Pass    | 2986        |
| 30                    | 794                  | 0.1       | RMS      | 681.6           | -58.94      | -13         | 45.94       | Pass    | 7641        |
| 794                   | 844                  | 0.1       | RMS      | 815.6           | 22.58       | 60          | 37.42       | Pass    | 501         |
| 844                   | 1000                 | 0.1       | RMS      | 930.8           | -60.15      | -13         | 47.15       | Pass    | 1561        |
| 1000                  | 3000                 | 1         | RMS      | 1631            | -31.88      | -13         | 18.88       | Pass    | 2001        |
| 3000                  | 8690                 | 1         | RMS      | 6525            | -29.95      | -13         | 16.95       | Pass    | 5691        |

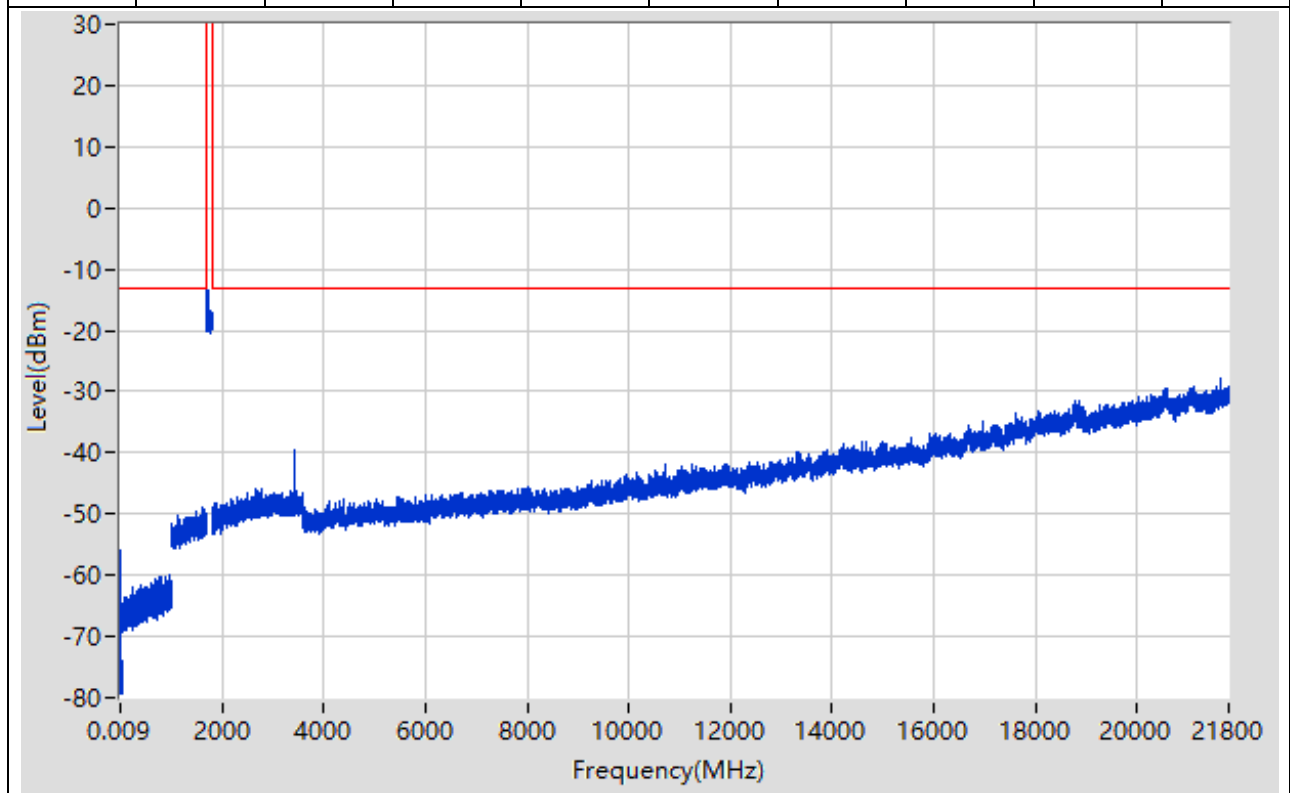


## 11. Cat-M\_Band66

### 11.1. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:131997, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

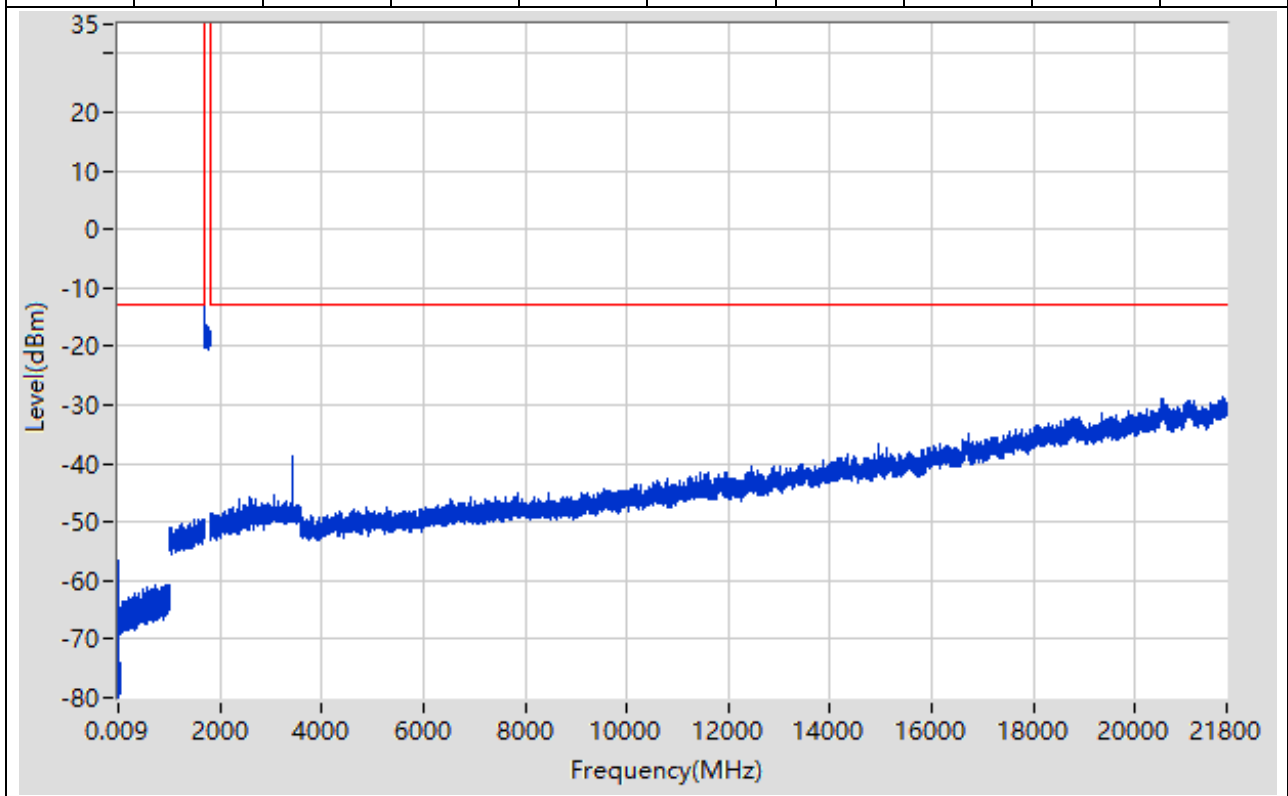
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.92      | -13         | 42.92       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.84      | -13         | 45.84       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 975             | -60.04      | -13         | 47.04       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1595            | -48.91      | -13         | 35.91       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1710.35         | 24.65       | 60          | 35.35       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2772            | -46.04      | -13         | 33.04       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21636           | -27.88      | -13         | 14.88       | Pass    | 18801       |



## 11.2. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:131997, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

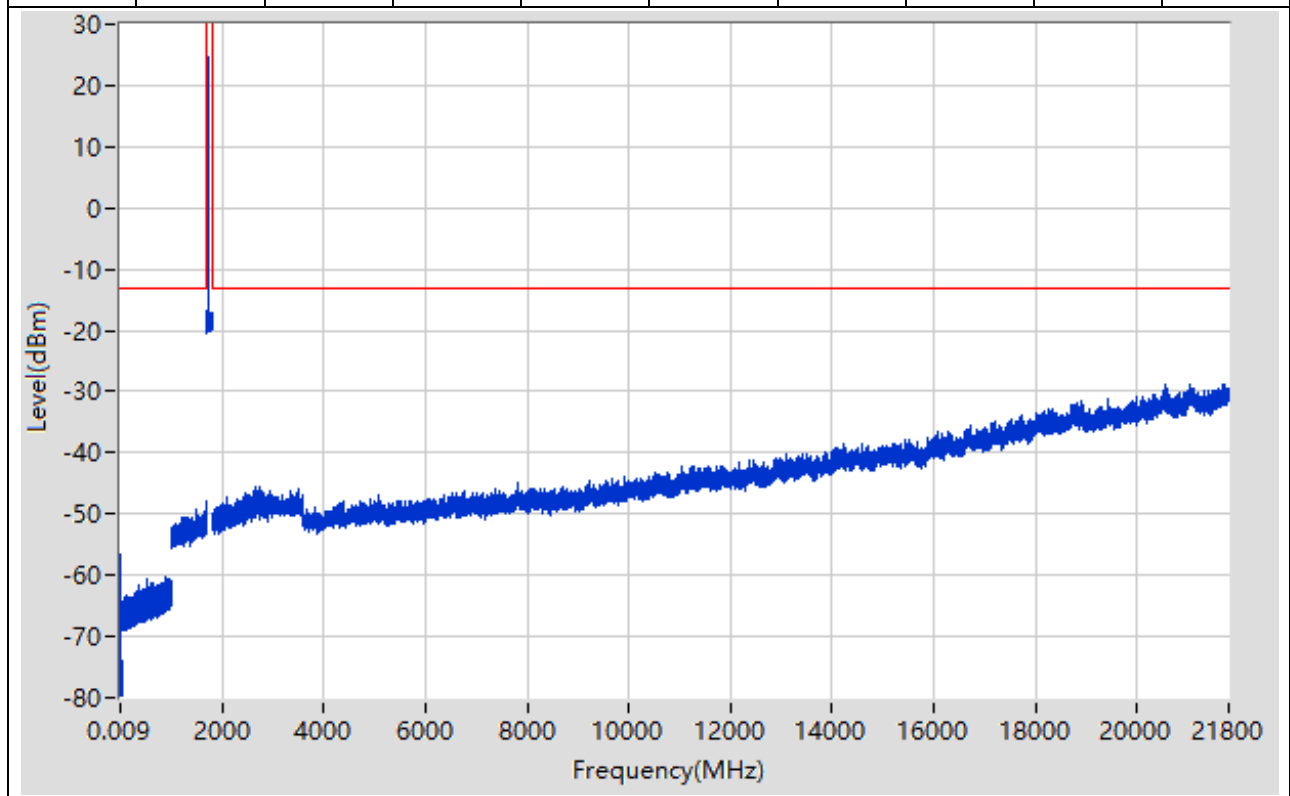
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.64      | -13         | 43.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.8       | -13         | 45.8        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 981.3           | -60.72      | -13         | 47.72       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1581            | -49.49      | -13         | 36.49       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1710.35         | 25.5        | 60          | 34.5        | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2567            | -45.59      | -13         | 32.59       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21709           | -28.65      | -13         | 15.65       | Pass    | 18801       |



### 11.3. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:132322, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

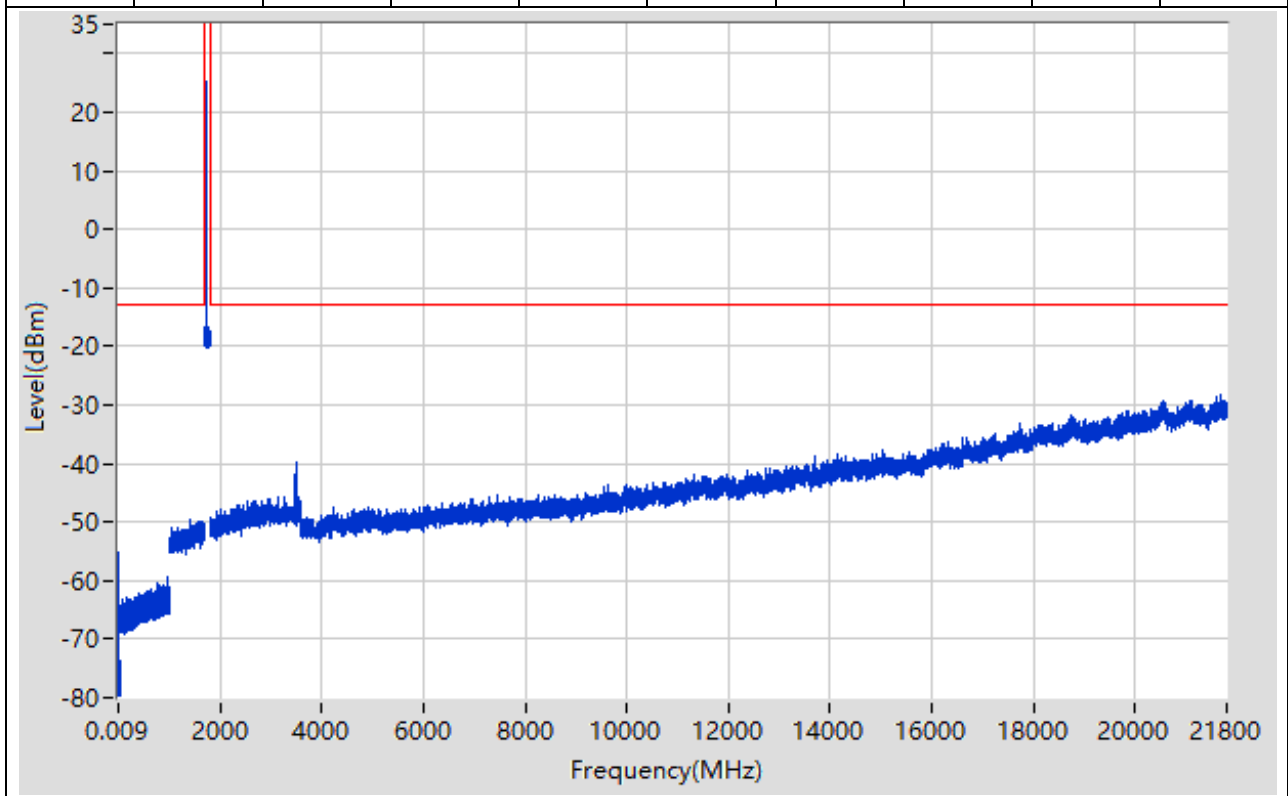
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.72      | -13         | 43.72       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.17      | -13         | 45.17       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 891.3           | -60.16      | -13         | 47.16       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1675            | -47.85      | -13         | 34.85       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1742.8          | 24.74       | 60          | 35.26       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2755            | -45.5       | -13         | 32.5        | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21672           | -28.74      | -13         | 15.74       | Pass    | 18801       |



#### 11.4. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:132322, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

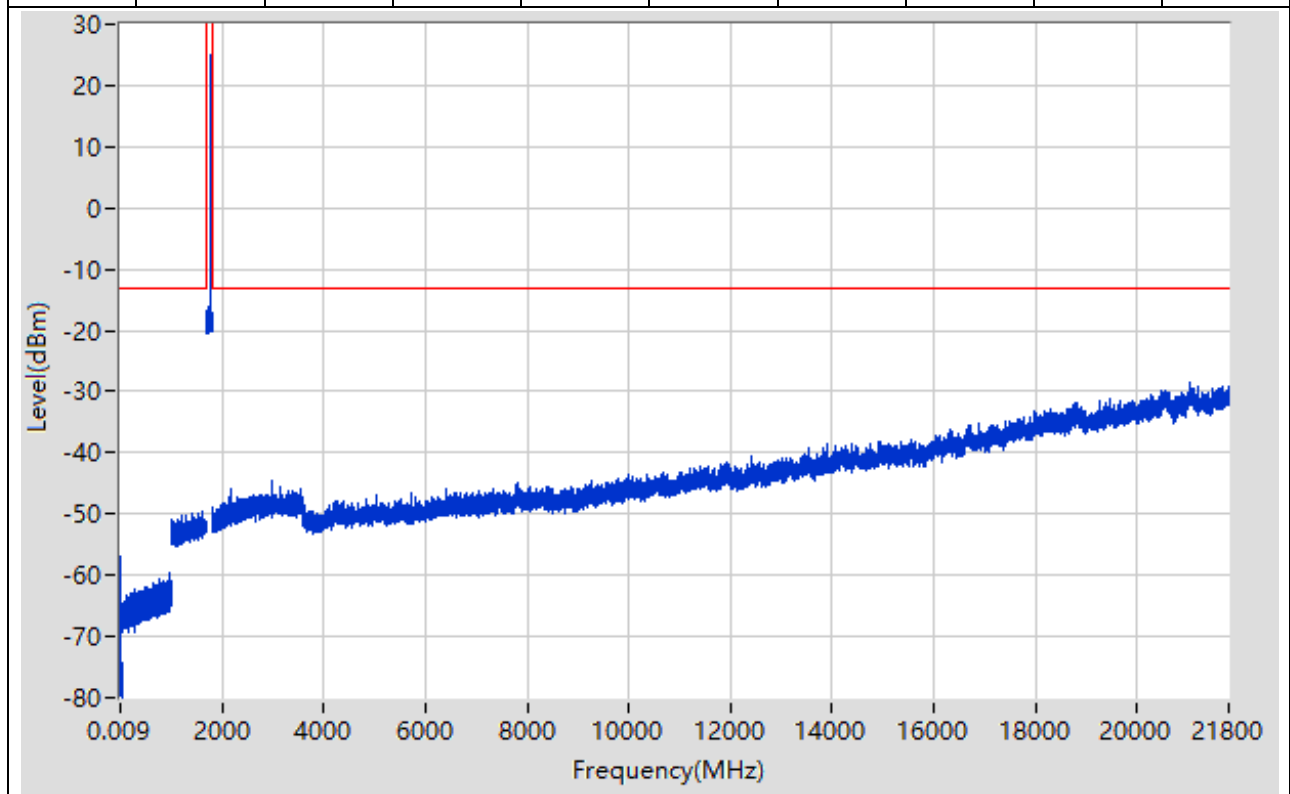
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.32      | -13         | 42.32       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.76      | -13         | 45.76       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 961.8           | -59.33      | -13         | 46.33       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1408            | -49.6       | -13         | 36.6        | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1742.8          | 25.36       | 60          | 34.64       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2982            | -46.01      | -13         | 33.01       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21673           | -28.28      | -13         | 15.28       | Pass    | 18801       |



### 11.5. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:132647, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

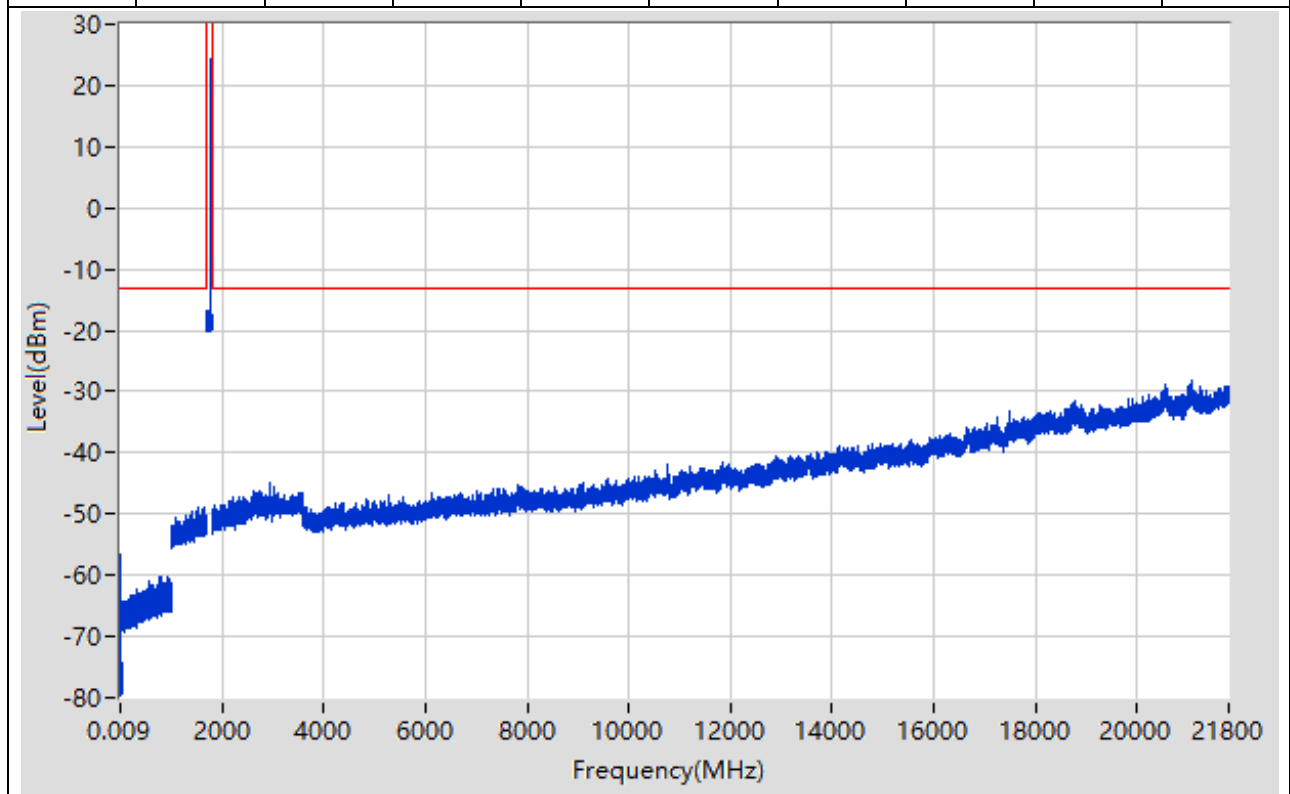
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.78      | -13         | 43.78       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.88      | -13         | 45.88       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 954.6           | -59.76      | -13         | 46.76       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1619            | -49.58      | -13         | 36.58       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1776.35         | 24.87       | 60          | 35.13       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2965            | -44.69      | -13         | 31.69       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21020           | -28.58      | -13         | 15.58       | Pass    | 18801       |



### 11.6. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:132647, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

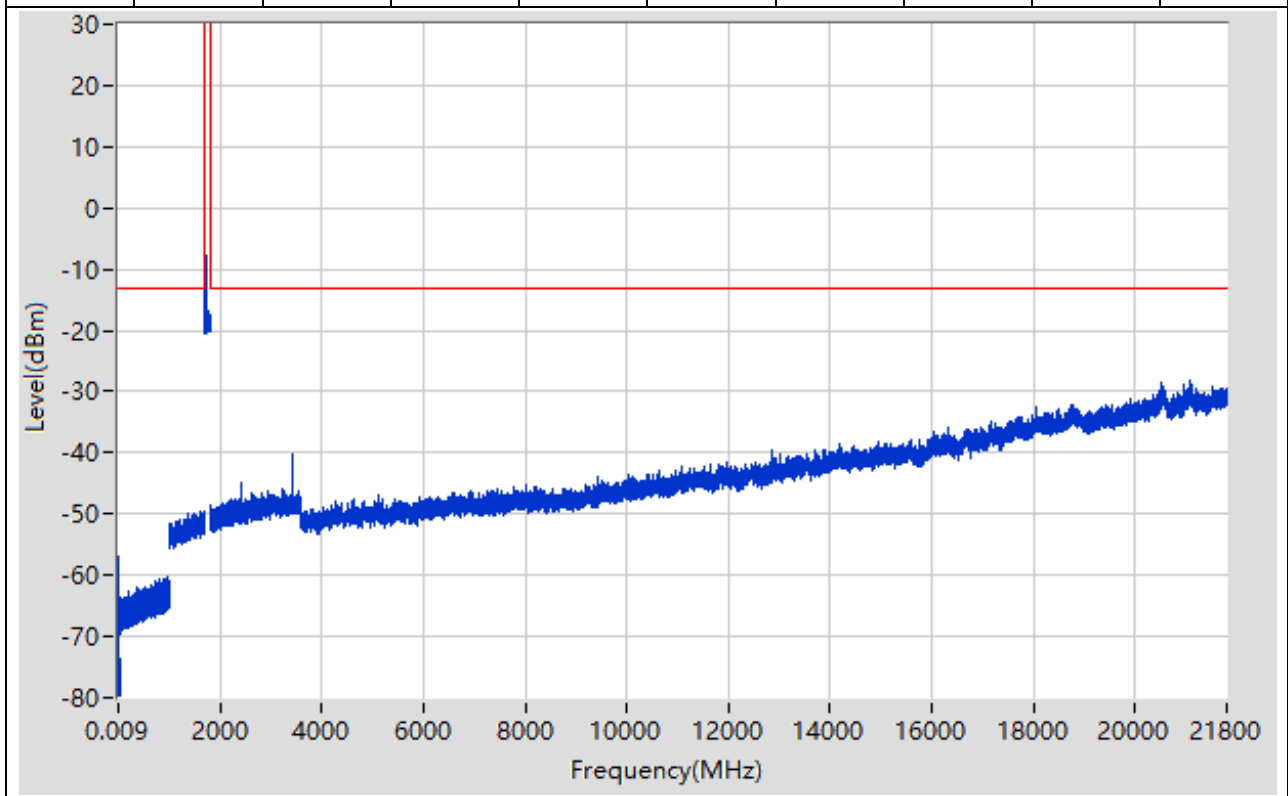
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.56      | -13         | 43.56       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.6       | -13         | 45.6        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 911.2           | -60.16      | -13         | 47.16       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1643            | -48.81      | -13         | 35.81       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1776.075        | 24.29       | 60          | 35.71       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2944            | -44.91      | -13         | 31.91       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21073           | -28.3       | -13         | 15.3        | Pass    | 18801       |



### 11.7. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:132022, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

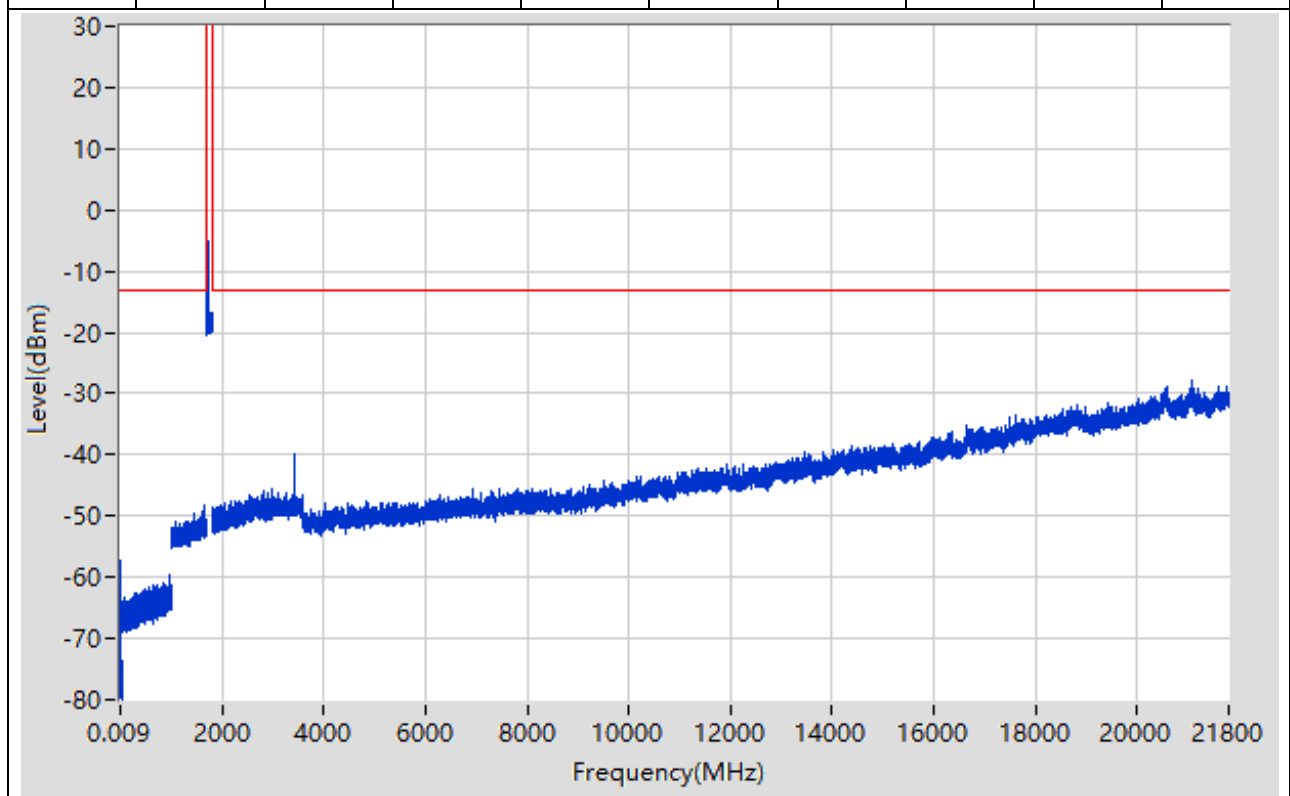
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.16      | -13         | 44.16       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.07      | -13         | 44.07       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 976             | -60.31      | -13         | 47.31       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1685            | -49.47      | -13         | 36.47       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1710.9          | 24.9        | 60          | 35.1        | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2421            | -45.05      | -13         | 32.05       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21062           | -28.12      | -13         | 15.12       | Pass    | 18801       |



### 11.8. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:132022, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

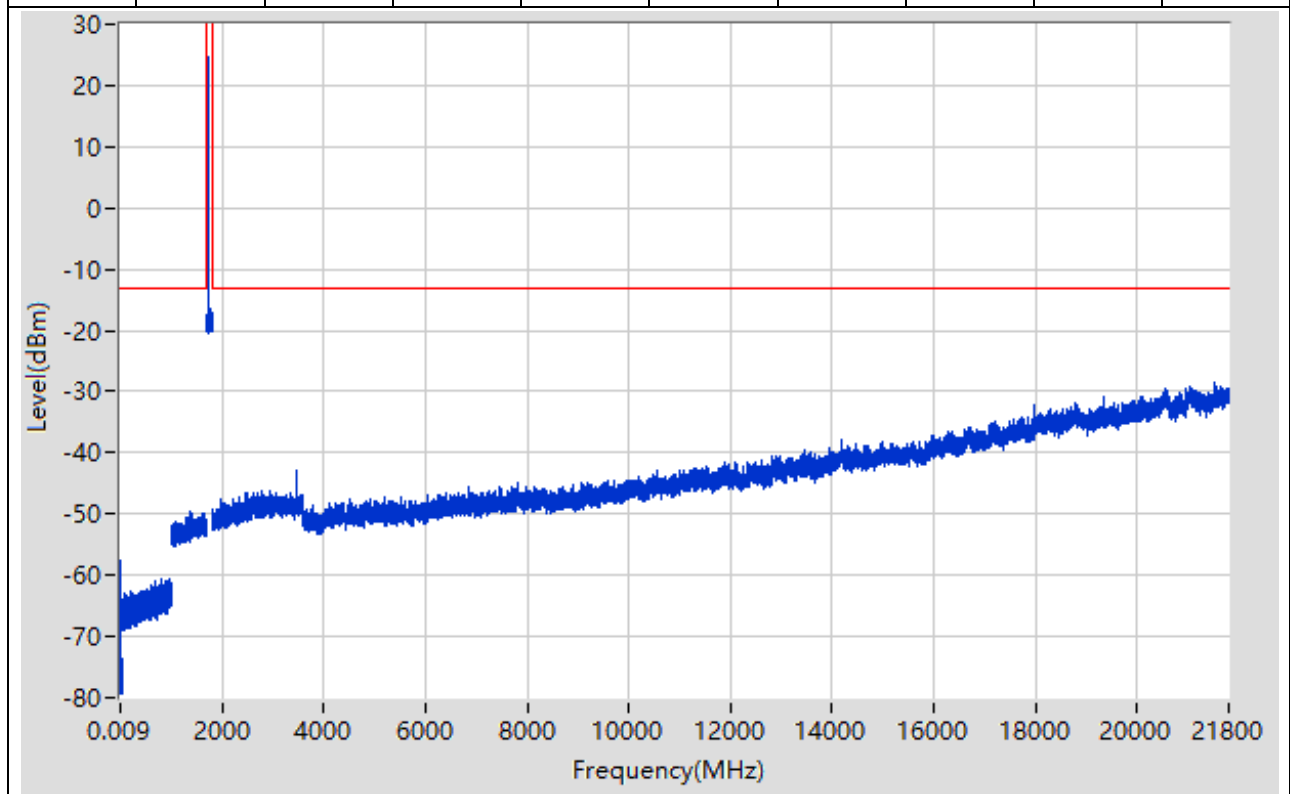
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -57.11      | -13         | 44.11       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.04      | -13         | 46.04       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 949.5           | -59.66      | -13         | 46.66       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1649            | -48.4       | -13         | 35.4        | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1710.625        | 24.88       | 60          | 35.12       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2967            | -45.7       | -13         | 32.7        | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21060           | -27.81      | -13         | 14.81       | Pass    | 18801       |



### 11.9. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:132322, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

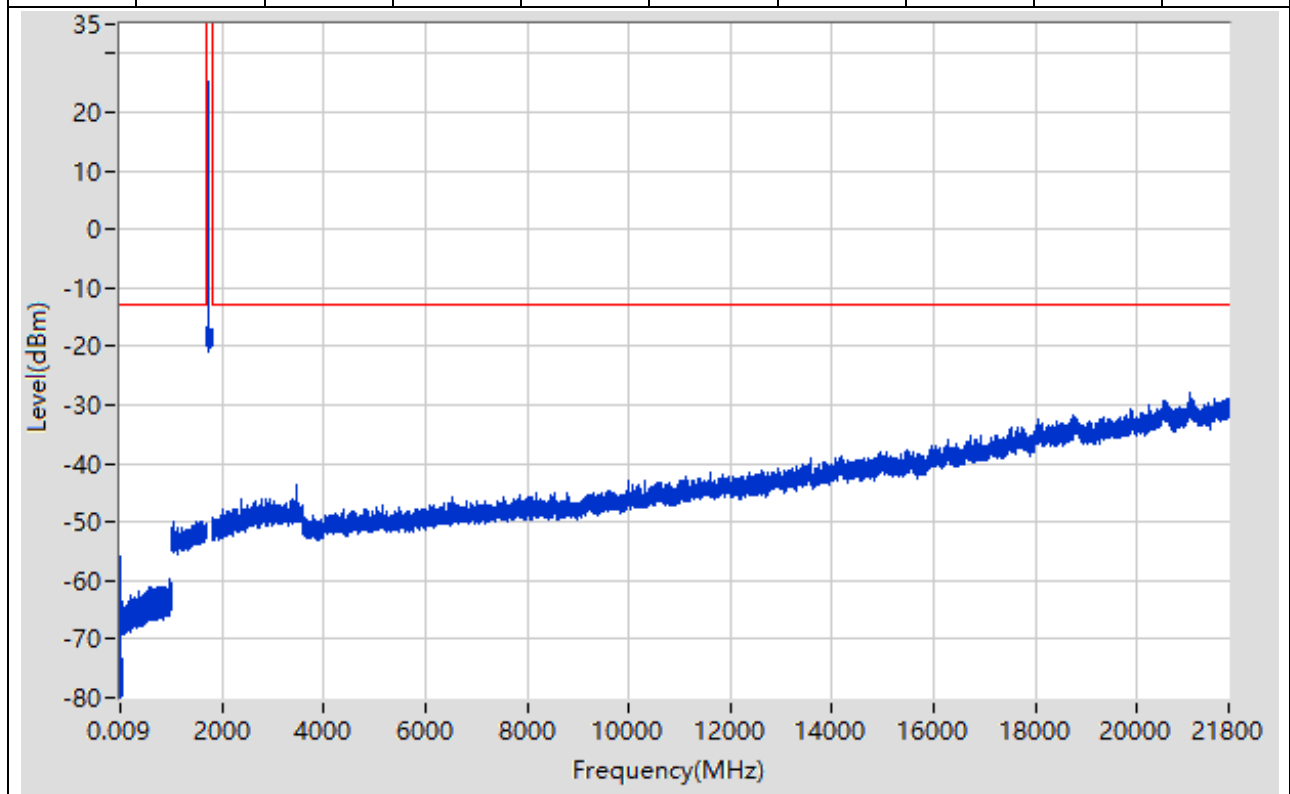
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.75      | -13         | 44.75       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.39      | -13         | 45.39       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 952.1           | -60.61      | -13         | 47.61       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1367            | -49.7       | -13         | 36.7        | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1740.875        | 24.61       | 60          | 35.39       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2942            | -46.33      | -13         | 33.33       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21531           | -28.44      | -13         | 15.44       | Pass    | 18801       |



### 11.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:132322, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

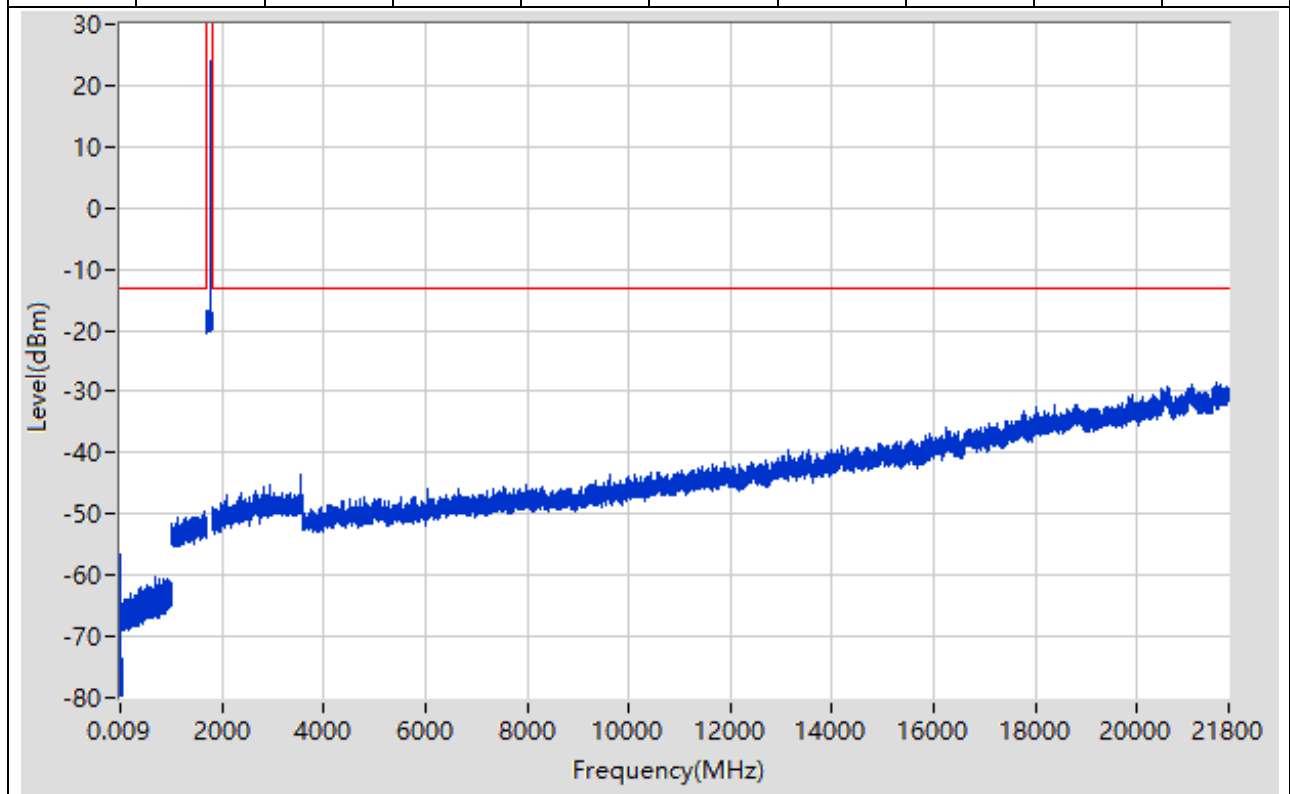
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -55.82      | -13         | 42.82       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.76      | -13         | 44.76       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 953.4           | -59.55      | -13         | 46.55       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1494            | -49.79      | -13         | 36.79       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1740.875        | 25.09       | 60          | 34.91       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2766            | -45.96      | -13         | 32.96       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21036           | -28.07      | -13         | 15.07       | Pass    | 18801       |



### 11.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:132622, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

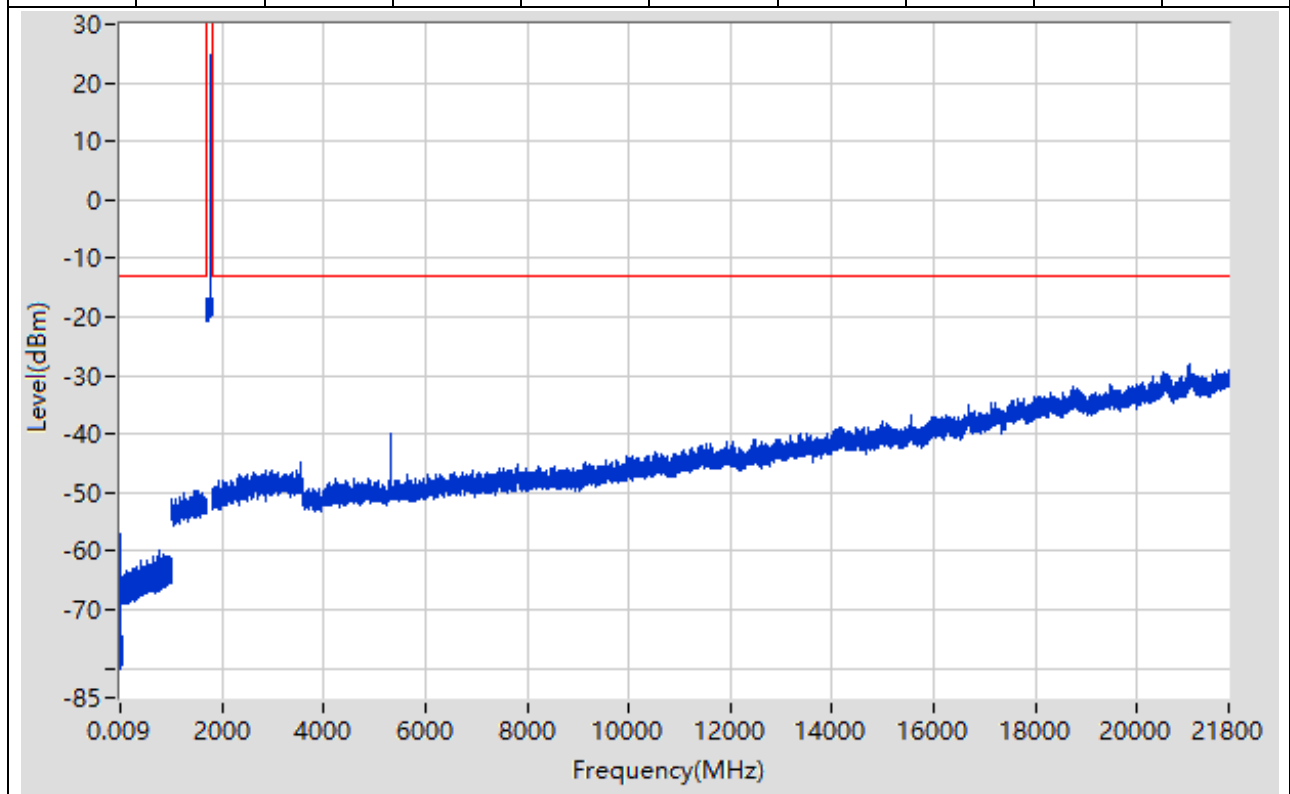
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.51      | -13         | 43.51       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -59.29      | -13         | 46.29       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 681.2           | -60.43      | -13         | 47.43       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1641            | -49.65      | -13         | 36.65       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1771.675        | 24.02       | 60          | 35.98       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2949            | -45.1       | -13         | 32.1        | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21556           | -28.56      | -13         | 15.56       | Pass    | 18801       |



### 11.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:132622, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

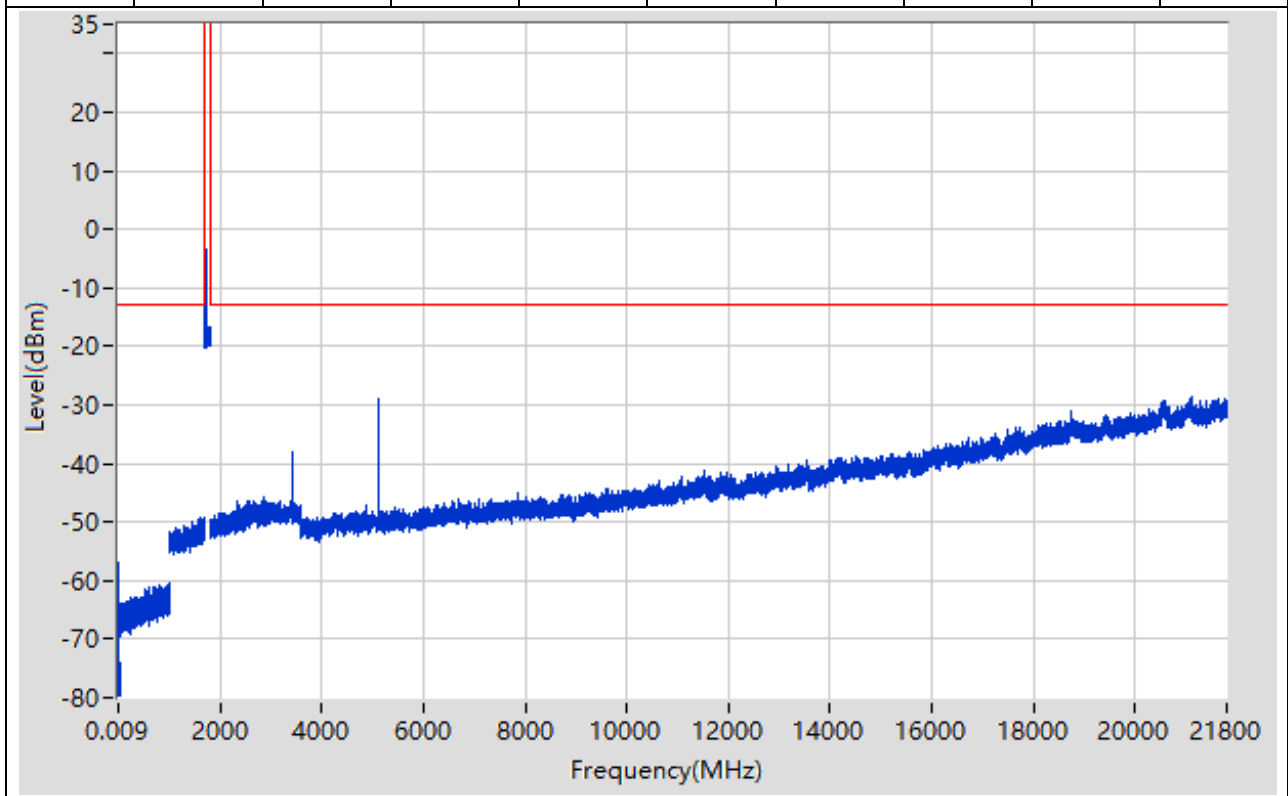
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.91      | -13         | 43.91       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.05      | -13         | 46.05       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 781.5           | -59.99      | -13         | 46.99       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1463            | -49.57      | -13         | 36.57       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1771.675        | 24.67       | 60          | 35.33       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2989            | -46.17      | -13         | 33.17       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21034           | -27.85      | -13         | 14.85       | Pass    | 18801       |



### 11.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:132047, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

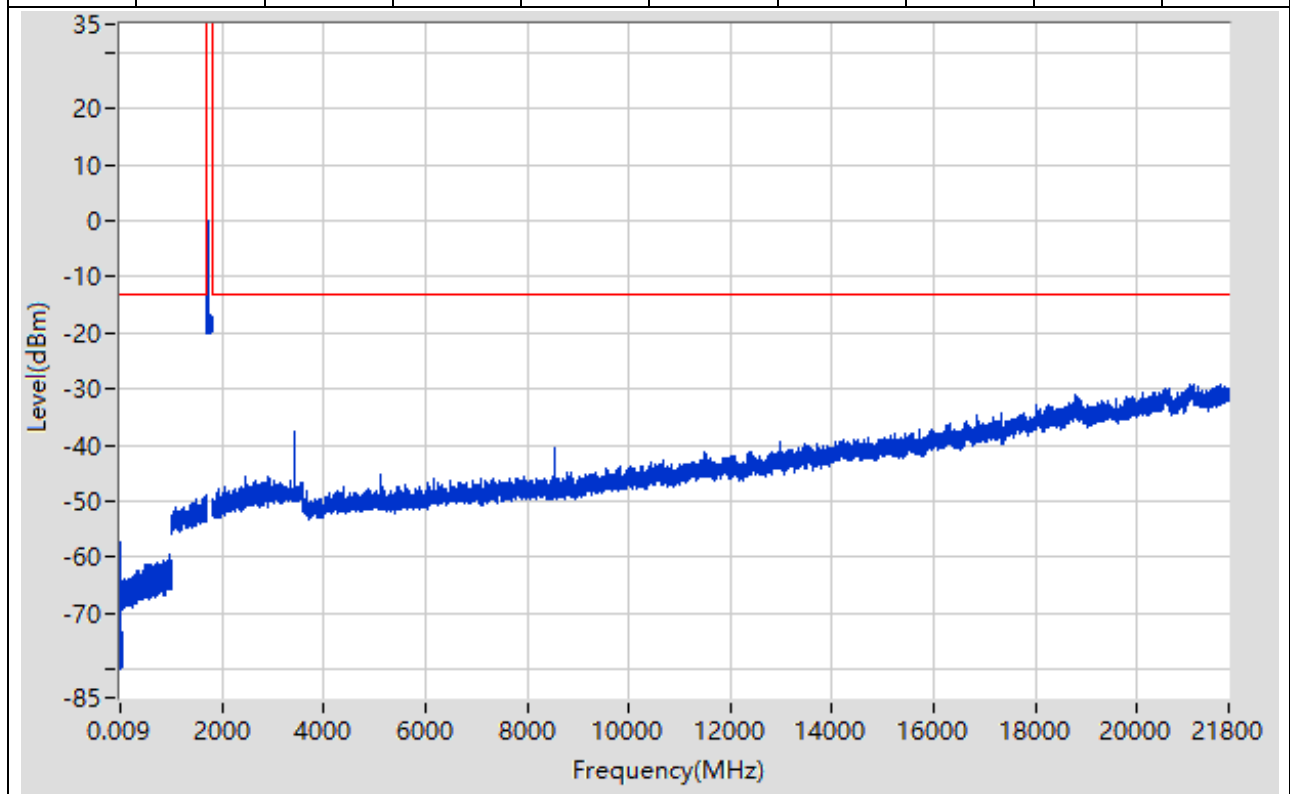
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.8       | -13         | 43.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.23      | -13         | 46.23       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 992.1           | -60.33      | -13         | 47.33       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1690            | -49.24      | -13         | 36.24       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1710.9          | 25.1        | 60          | 34.9        | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2846            | -45.88      | -13         | 32.88       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21105           | -28.78      | -13         | 15.78       | Pass    | 18801       |



#### 11.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:132047, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

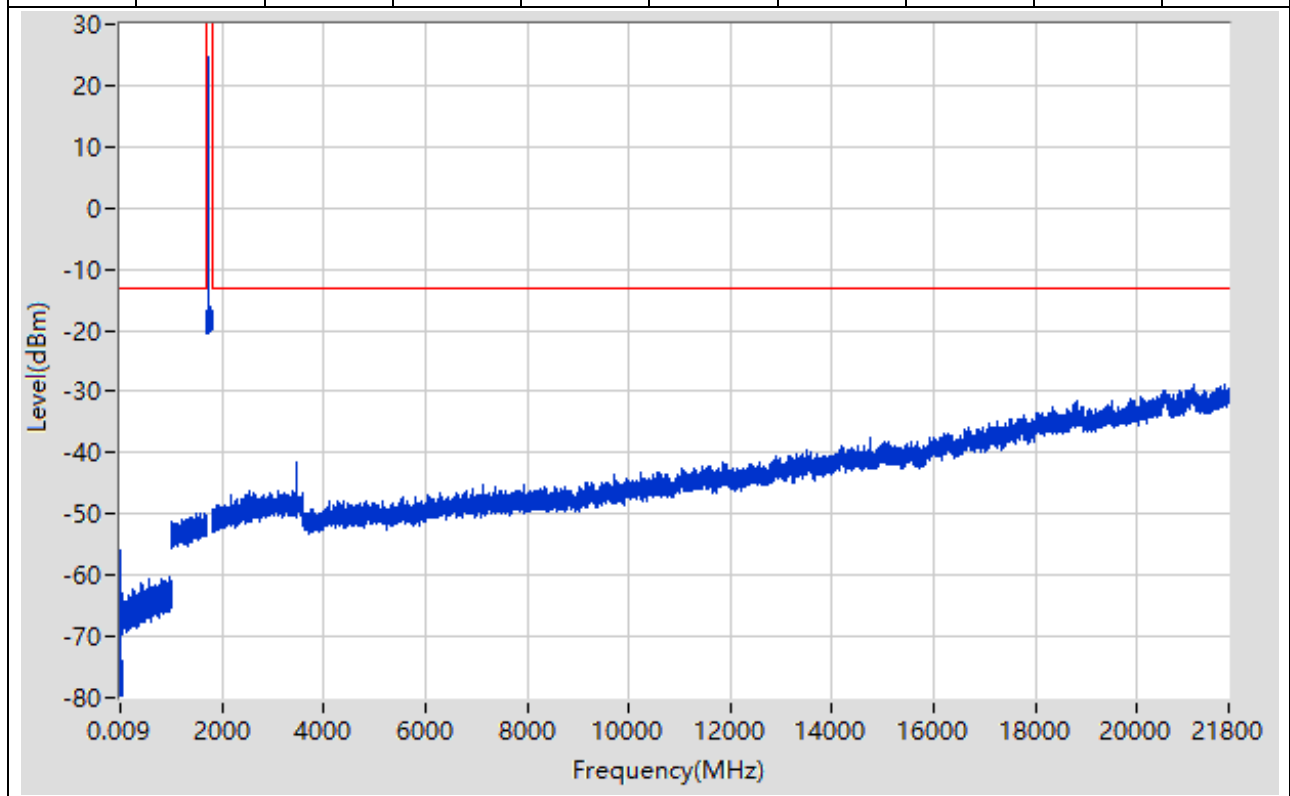
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.39      | -13         | 44.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.15      | -13         | 45.15       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 966.9           | -59.5       | -13         | 46.5        | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1673            | -48.93      | -13         | 35.93       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1710.9          | 25.19       | 60          | 34.81       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2888            | -45.45      | -13         | 32.45       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21048           | -29.05      | -13         | 16.05       | Pass    | 18801       |



### 11.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:132322, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

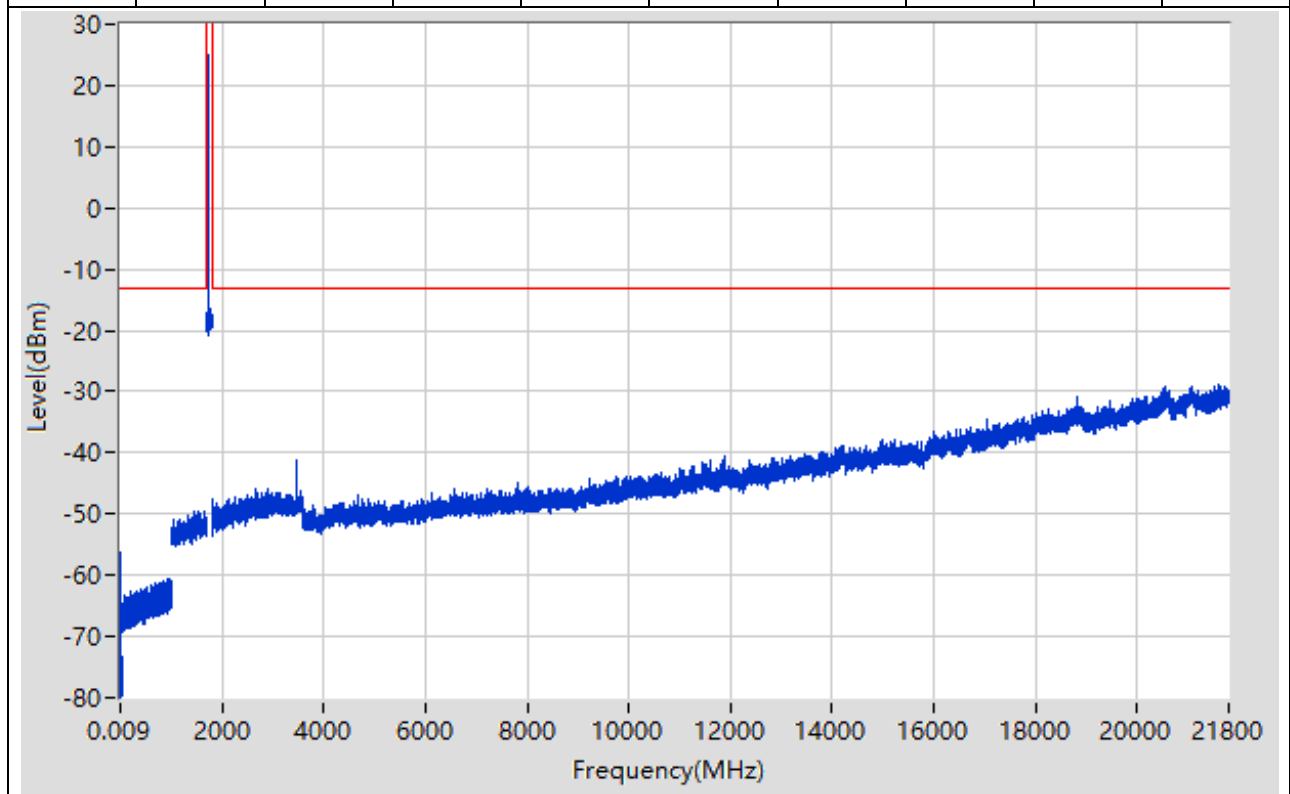
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.08      | -13         | 43.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -59.15      | -13         | 46.15       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 968.5           | -60.22      | -13         | 47.22       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1499            | -49.97      | -13         | 36.97       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1738.4          | 24.68       | 60          | 35.32       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2543            | -46.13      | -13         | 33.13       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21738           | -28.77      | -13         | 15.77       | Pass    | 18801       |



### 11.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:132322, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

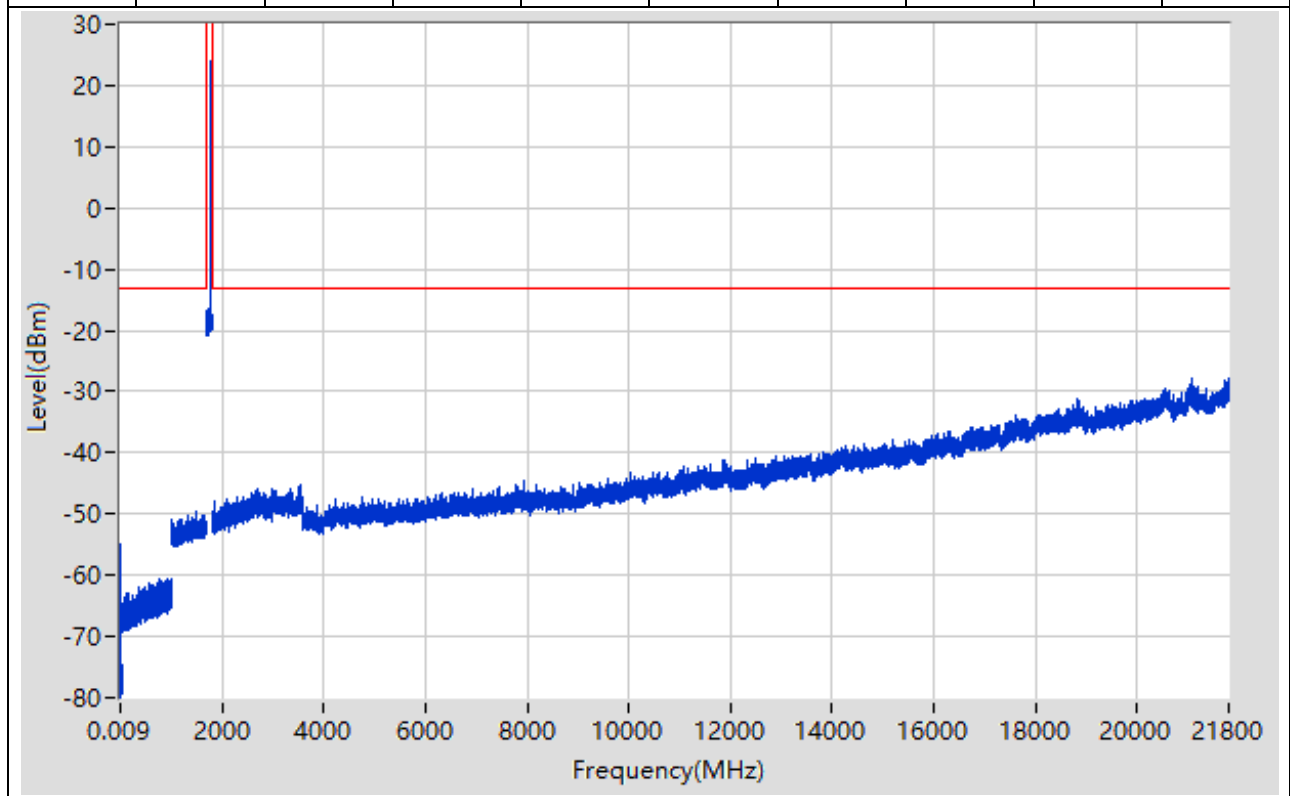
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.1       | -13         | 43.1        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.46      | -13         | 44.46       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 917.2           | -60.52      | -13         | 47.52       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1447            | -49.49      | -13         | 36.49       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1738.675        | 24.99       | 60          | 35.01       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2885            | -45.74      | -13         | 32.74       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21586           | -28.87      | -13         | 15.87       | Pass    | 18801       |



### 11.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:132597, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

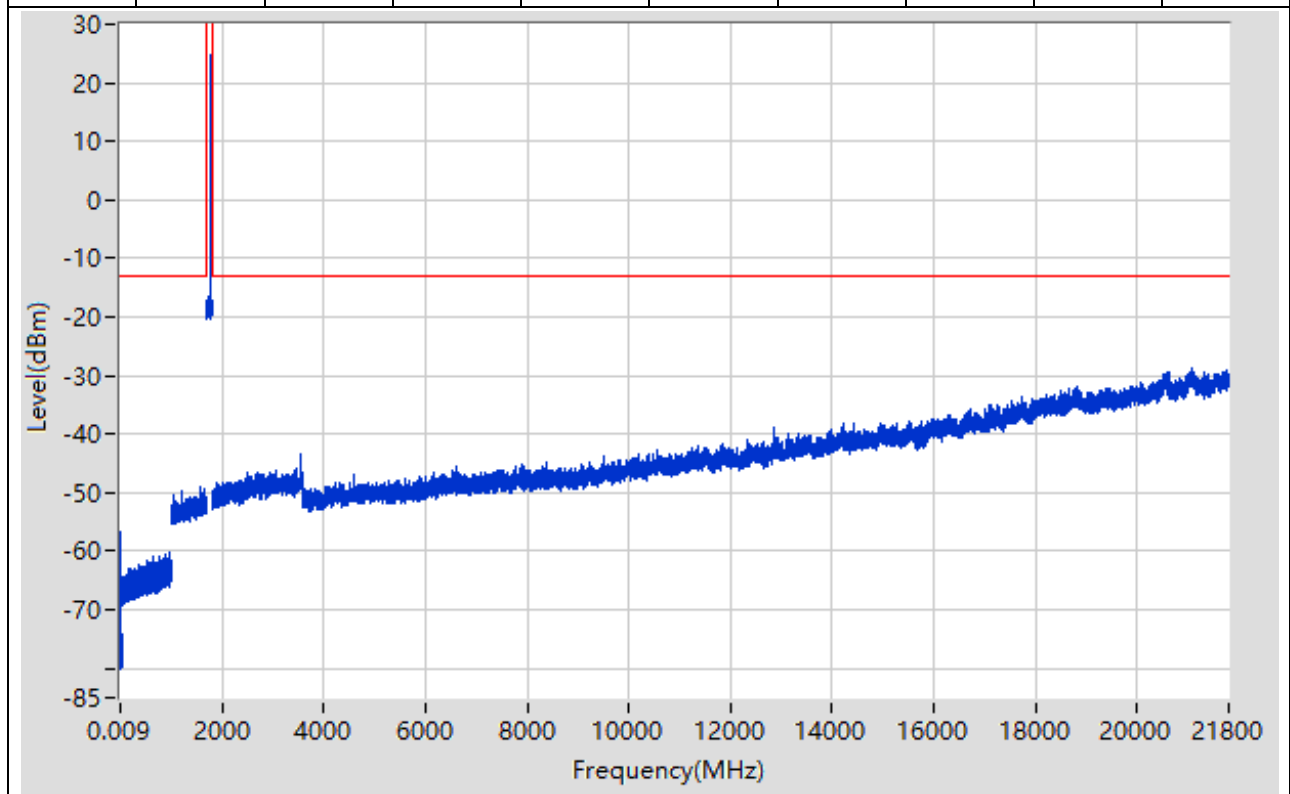
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.98      | -13         | 41.98       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.02      | -13         | 46.02       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 991.4           | -60.49      | -13         | 47.49       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1496            | -49.67      | -13         | 36.67       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1767            | 24.13       | 60          | 35.87       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2988            | -45.96      | -13         | 32.96       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21079           | -27.88      | -13         | 14.88       | Pass    | 18801       |



### 11.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:132597, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

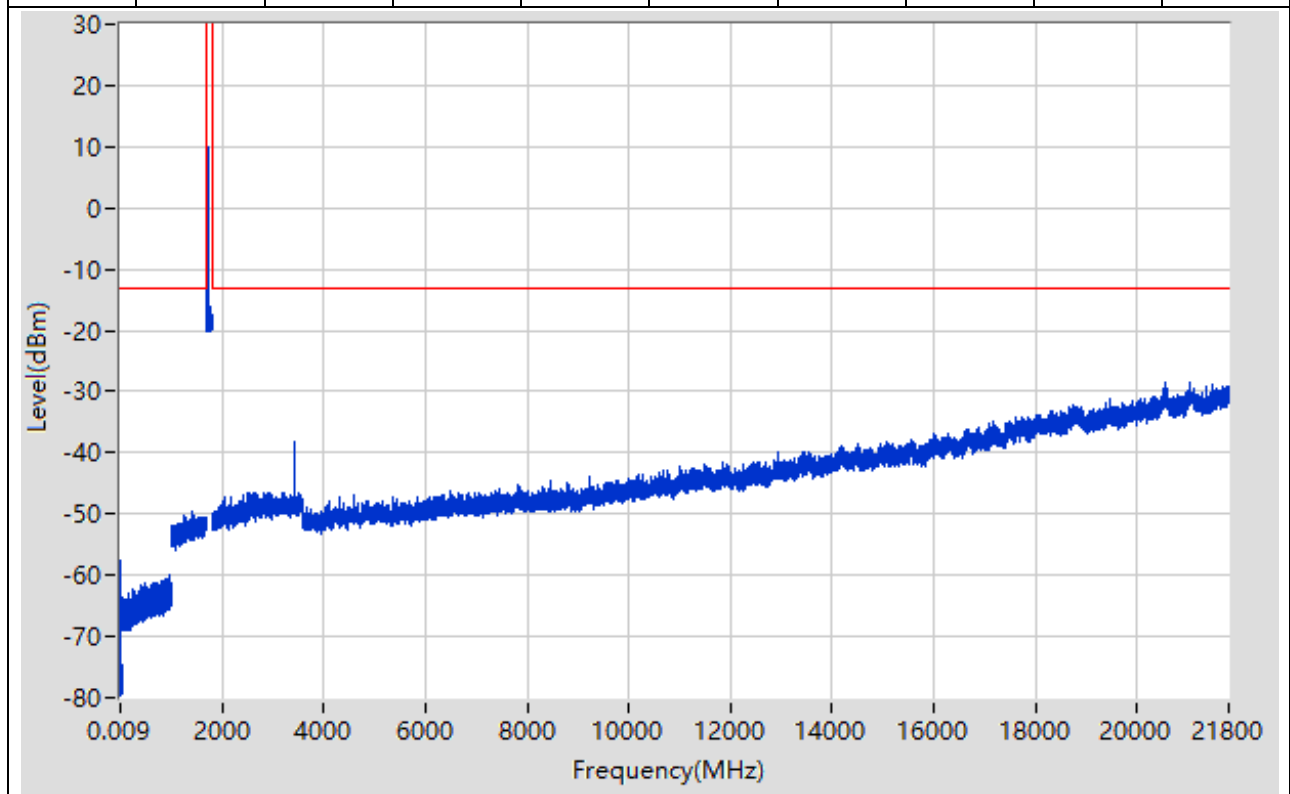
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.55      | -13         | 43.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -59.05      | -13         | 46.05       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 956.4           | -60.19      | -13         | 47.19       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1580            | -49.16      | -13         | 36.16       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1767            | 24.83       | 60          | 35.17       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2958            | -46.53      | -13         | 33.53       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21055           | -28.84      | -13         | 15.84       | Pass    | 18801       |



### 11.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:132072, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

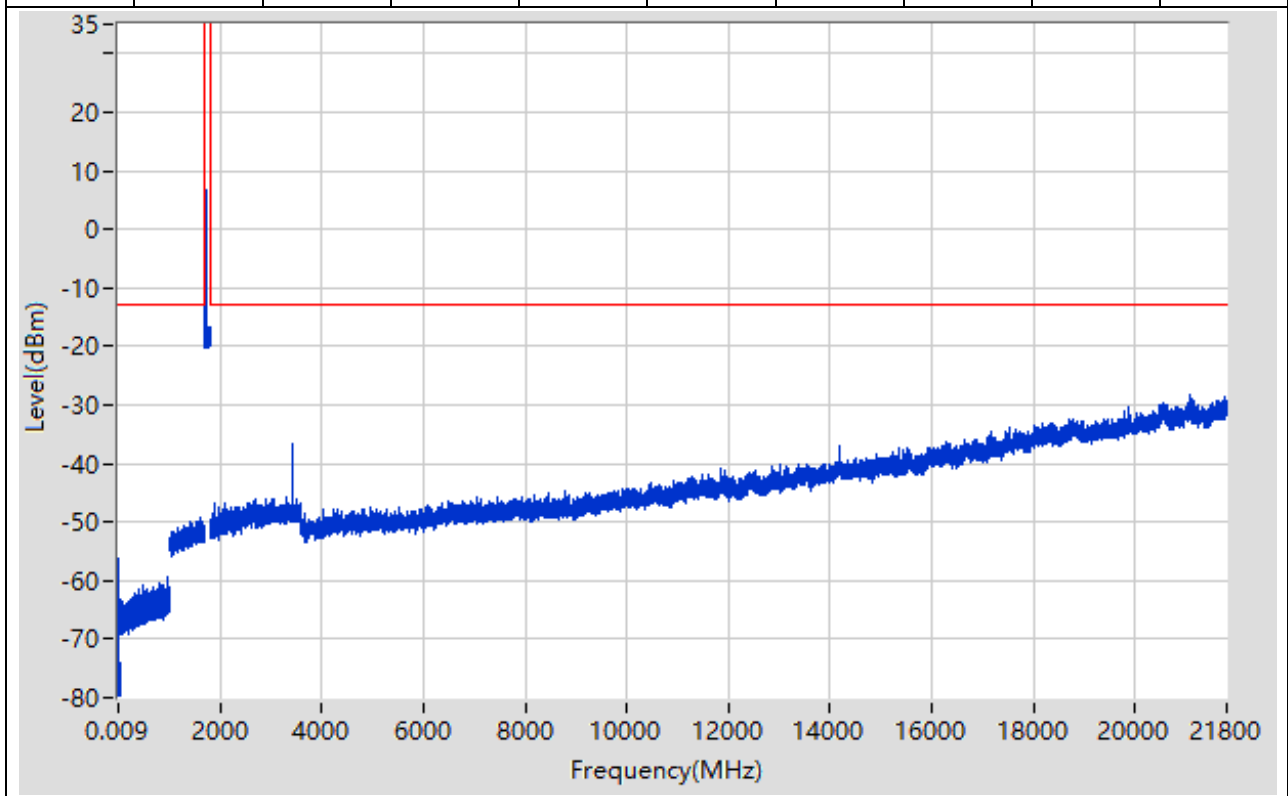
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.029           | -57.64      | -13         | 44.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.06      | -13         | 45.06       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 984.6           | -59.85      | -13         | 46.85       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1403            | -49.56      | -13         | 36.56       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1711.45         | 24.5        | 60          | 35.5        | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2661            | -46.42      | -13         | 33.42       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 20570           | -28.47      | -13         | 15.47       | Pass    | 18801       |



### 11.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:132072, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

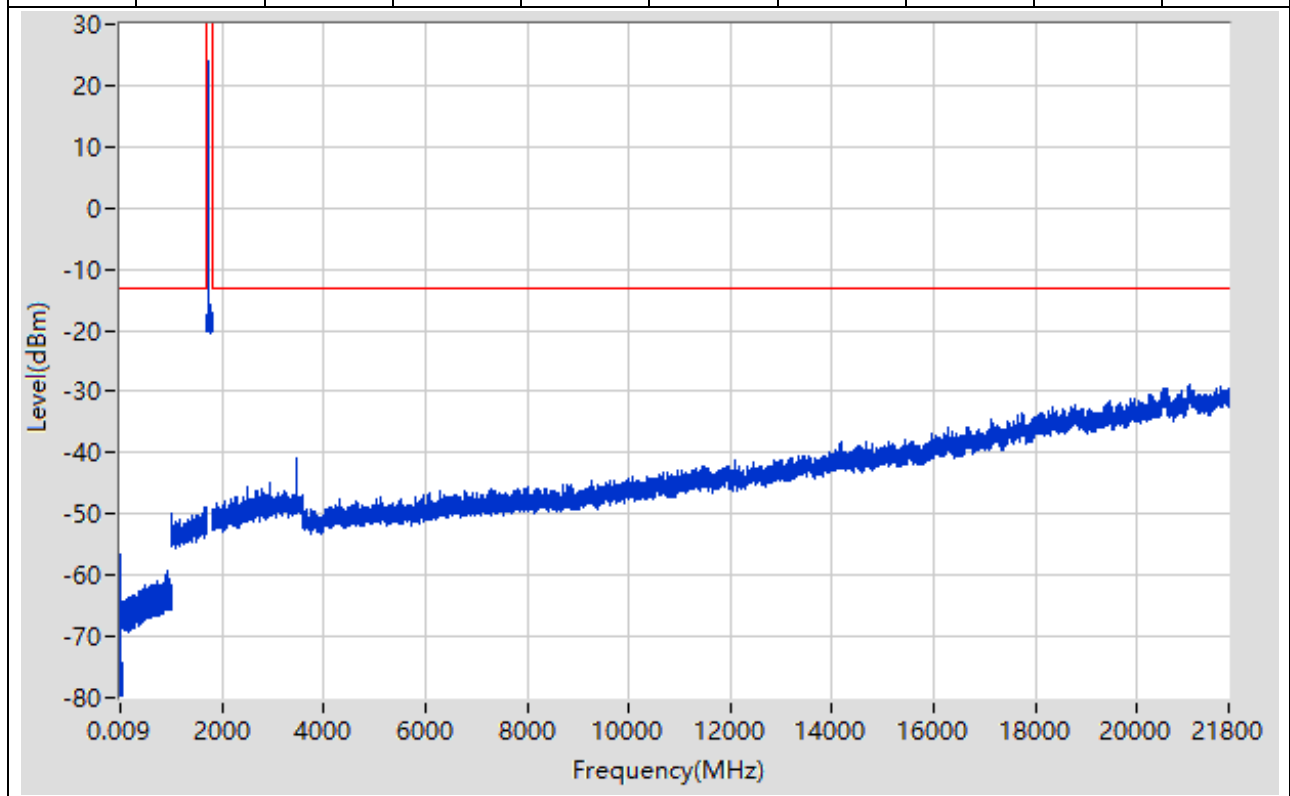
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.1       | -13         | 43.1        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.15      | -13         | 44.15       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 961.9           | -59.43      | -13         | 46.43       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1613            | -49.37      | -13         | 36.37       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1711.45         | 25.21       | 60          | 34.79       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2706            | -46.05      | -13         | 33.05       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21059           | -28.33      | -13         | 15.33       | Pass    | 18801       |



### 11.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:132322, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

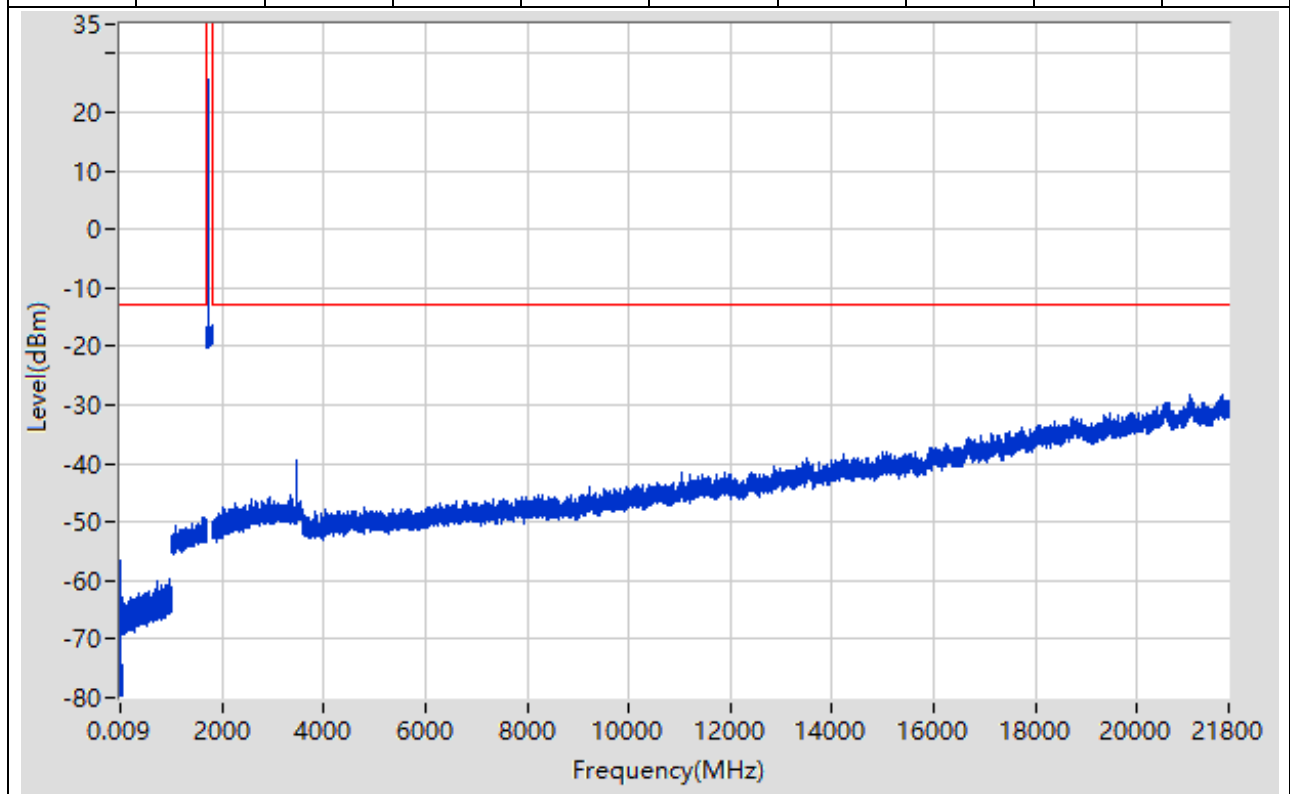
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.45      | -13         | 43.45       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.07      | -13         | 45.07       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 928.4           | -59.42      | -13         | 46.42       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1666            | -48.91      | -13         | 35.91       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1736.75         | 24.05       | 60          | 35.95       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2948            | -44.99      | -13         | 31.99       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21047           | -28.97      | -13         | 15.97       | Pass    | 18801       |



## 11.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:132322, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

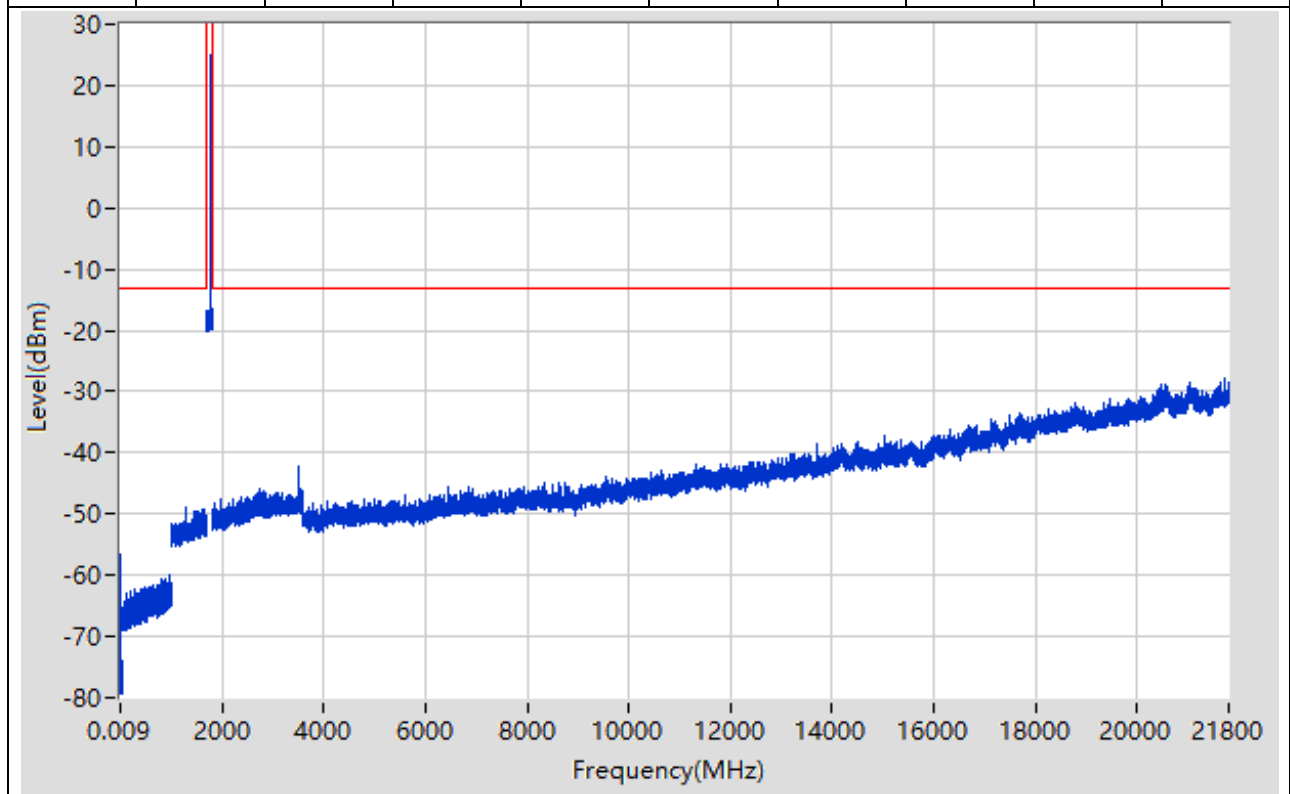
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.83      | -13         | 43.83       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.41      | -13         | 43.41       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 957.5           | -59.89      | -13         | 46.89       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1651            | -49.16      | -13         | 36.16       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1736.475        | 25.51       | 60          | 34.49       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2934            | -45.77      | -13         | 32.77       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21035           | -28.23      | -13         | 15.23       | Pass    | 18801       |



### 11.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:132572, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

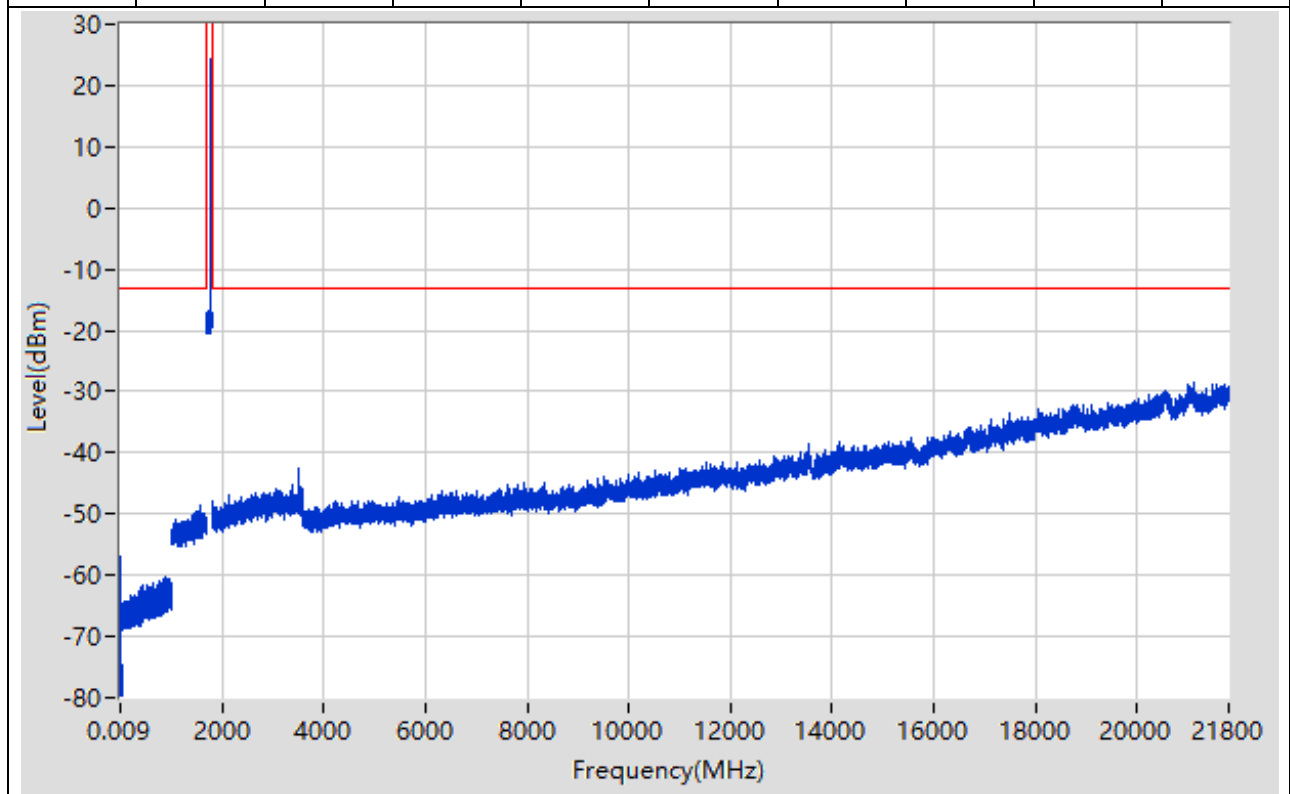
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.7       | -13         | 43.7        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.67      | -13         | 45.67       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 984.8           | -60.01      | -13         | 47.01       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1275            | -48.97      | -13         | 35.97       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1762.325        | 24.84       | 60          | 35.16       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2747            | -45.98      | -13         | 32.98       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21738           | -27.87      | -13         | 14.87       | Pass    | 18801       |



#### 11.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:132572, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.85      | -13         | 43.85       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.94      | -13         | 45.94       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 871             | -60.34      | -13         | 47.34       | Pass    | 9701        |
| 1000                  | 1690                 | 1         | RMS      | 1565            | -48.71      | -13         | 35.71       | Pass    | 691         |
| 1690                  | 1800                 | 1         | RMS      | 1762.325        | 24.23       | 60          | 35.77       | Pass    | 401         |
| 1800                  | 3000                 | 1         | RMS      | 2670            | -46.43      | -13         | 33.43       | Pass    | 1201        |
| 3000                  | 21800                | 1         | RMS      | 21102           | -28.48      | -13         | 15.48       | Pass    | 18801       |

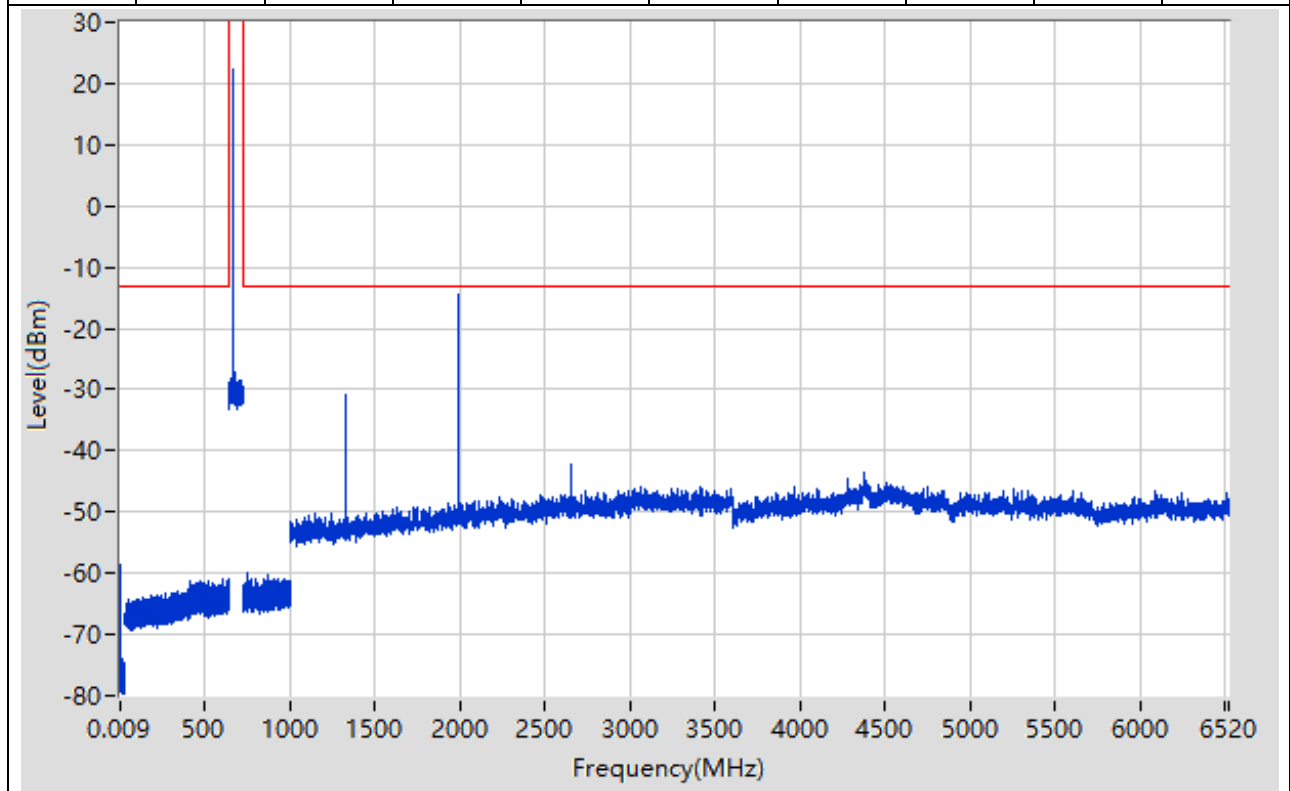


## 12. Cat-M\_Band71

### 12.1. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:133147, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

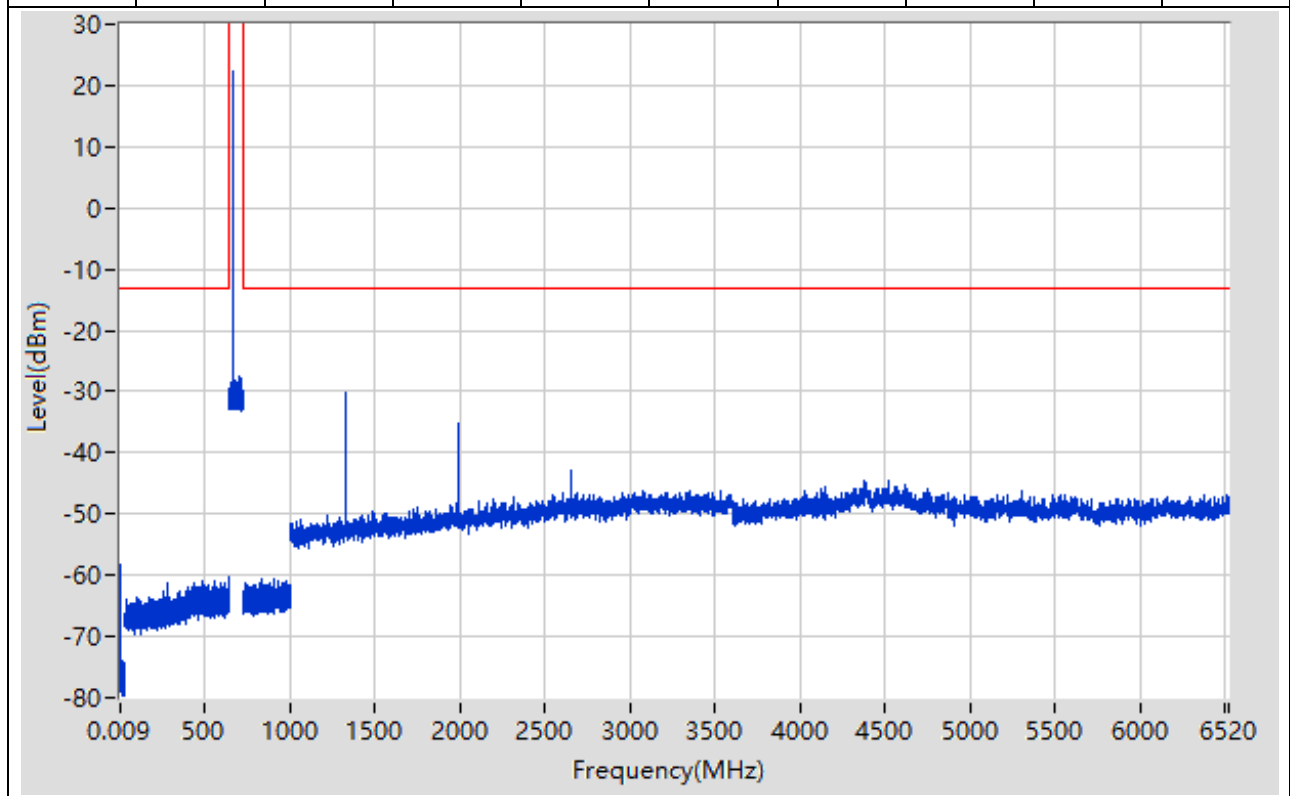
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -60.43      | -13         | 47.43       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.56      | -13         | 45.56       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 638.8           | -60.97      | -13         | 47.97       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 663.3           | 22.4        | 60          | 37.6        | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 744.2           | -59.8       | -13         | 46.8        | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1989            | -14.55      | -13         | 1.55        | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4374            | -43.64      | -13         | 30.64       | Pass    | 3521        |



## 12.2. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:133147, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

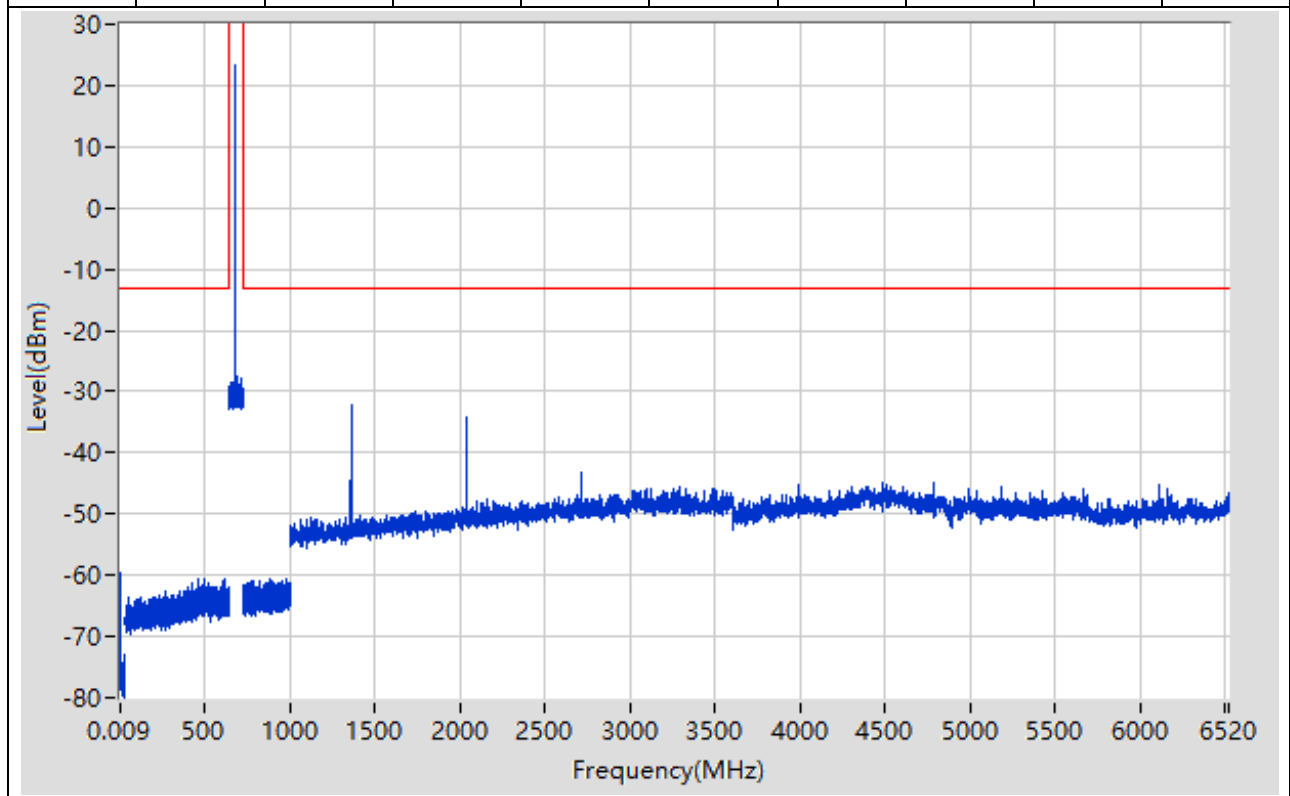
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -60.25      | -13         | 47.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.34      | -13         | 45.34       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 638.9           | -60.43      | -13         | 47.43       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 663.3           | 22.18       | 60          | 37.82       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 907.1           | -60.48      | -13         | 47.48       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1327            | -30.05      | -13         | 17.05       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4521            | -44.4       | -13         | 31.4        | Pass    | 3521        |



### 12.3. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:133297, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

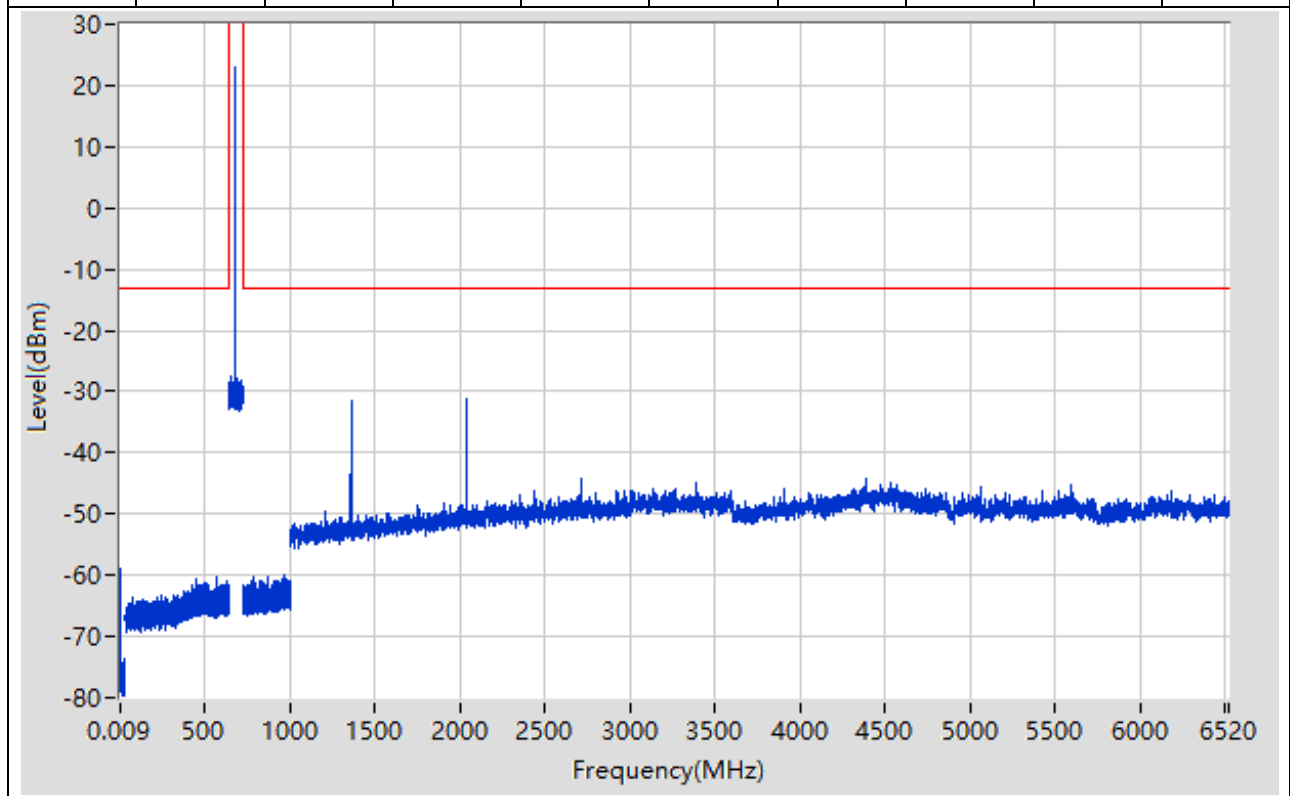
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.029           | -60.91      | -13         | 47.91       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.47      | -13         | 46.47       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 620.3           | -60.49      | -13         | 47.49       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 678.3           | 23.15       | 60          | 36.85       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 976.1           | -60.48      | -13         | 47.48       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1357            | -32.1       | -13         | 19.1        | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4478            | -45.04      | -13         | 32.04       | Pass    | 3521        |



#### 12.4. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:133297, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

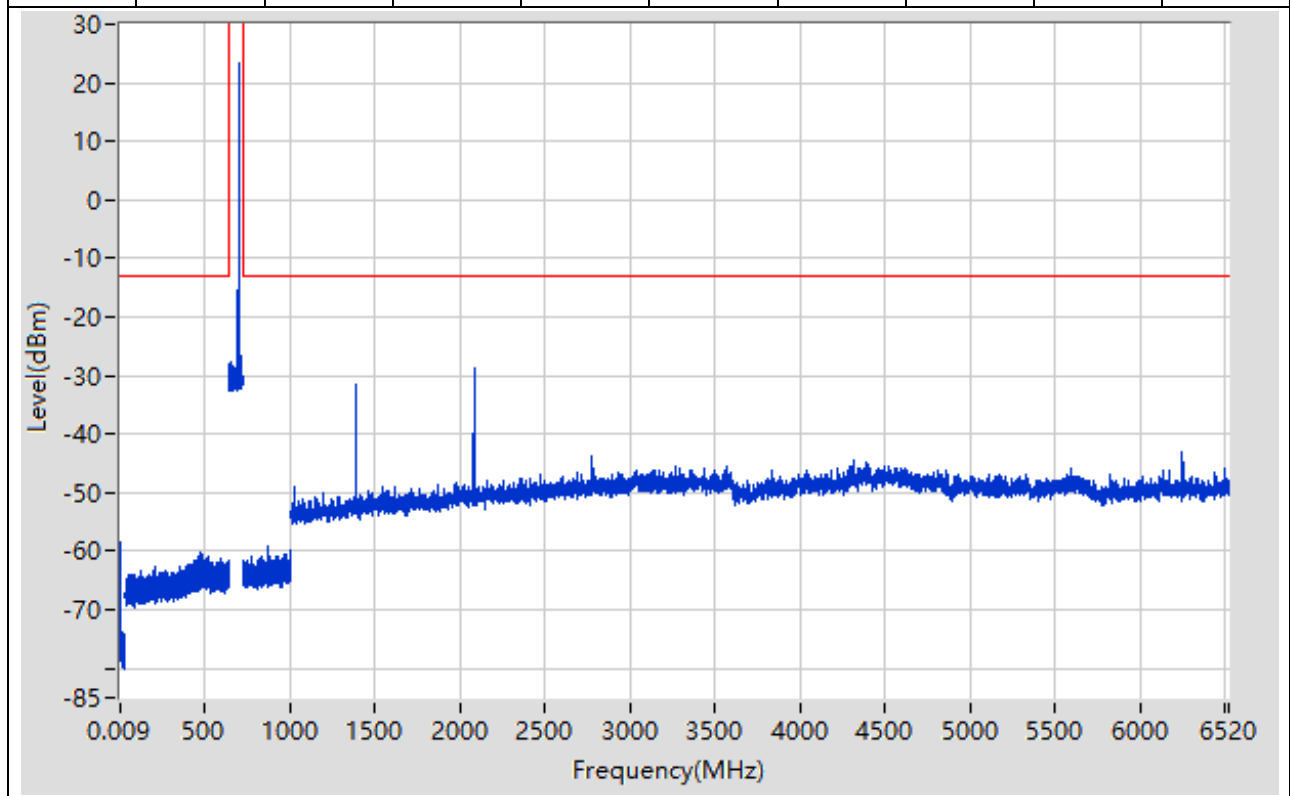
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.96      | -13         | 46.96       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.83      | -13         | 45.83       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 568.7           | -60.27      | -13         | 47.27       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 678.3           | 23.14       | 60          | 36.86       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 966.8           | -59.9       | -13         | 46.9        | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2035            | -31.29      | -13         | 18.29       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4381            | -44.27      | -13         | 31.27       | Pass    | 3521        |



## 12.5. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:133447, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

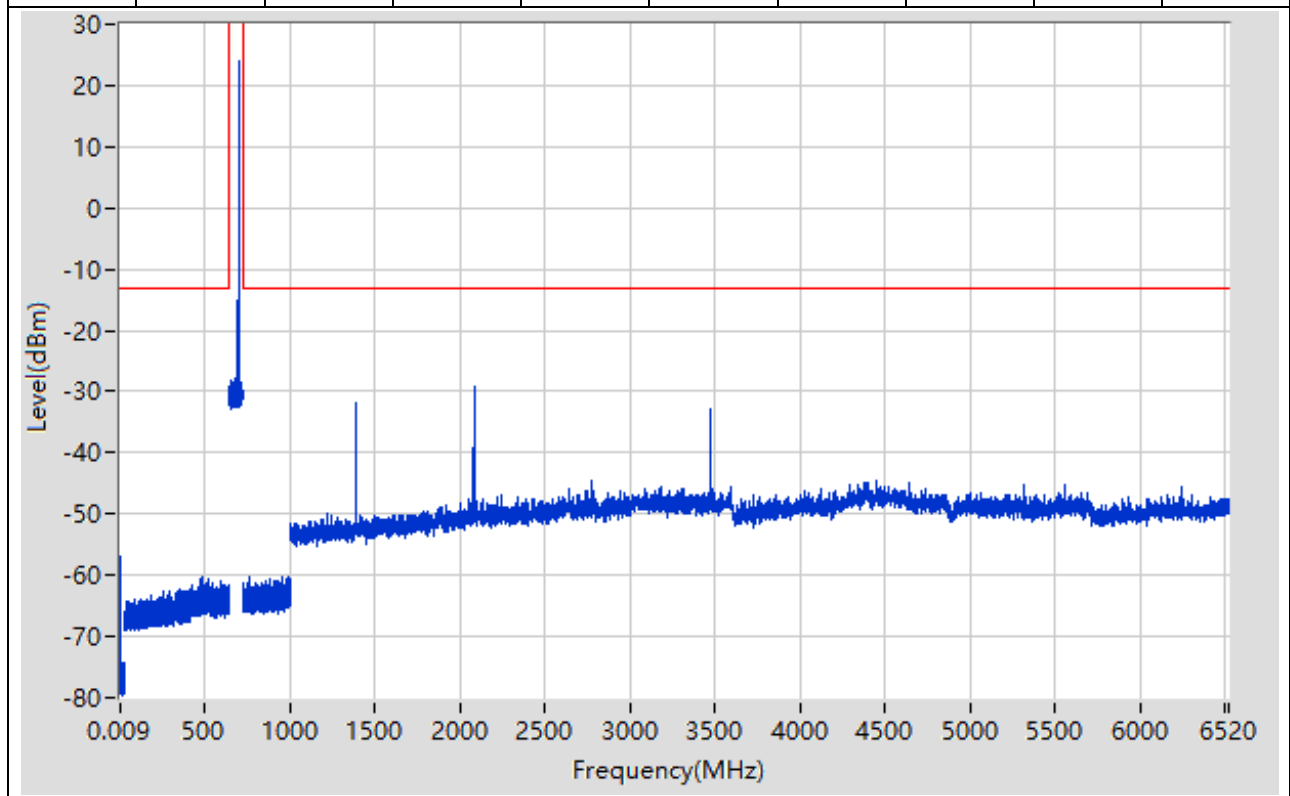
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -60.41      | -13         | 47.41       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.43      | -13         | 45.43       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 470.9           | -60.18      | -13         | 47.18       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 694.2           | 23.22       | 60          | 36.78       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 868.2           | -58.98      | -13         | 45.98       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2083            | -28.8       | -13         | 15.8        | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6248            | -42.91      | -13         | 29.91       | Pass    | 3521        |



## 12.6. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:133447, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

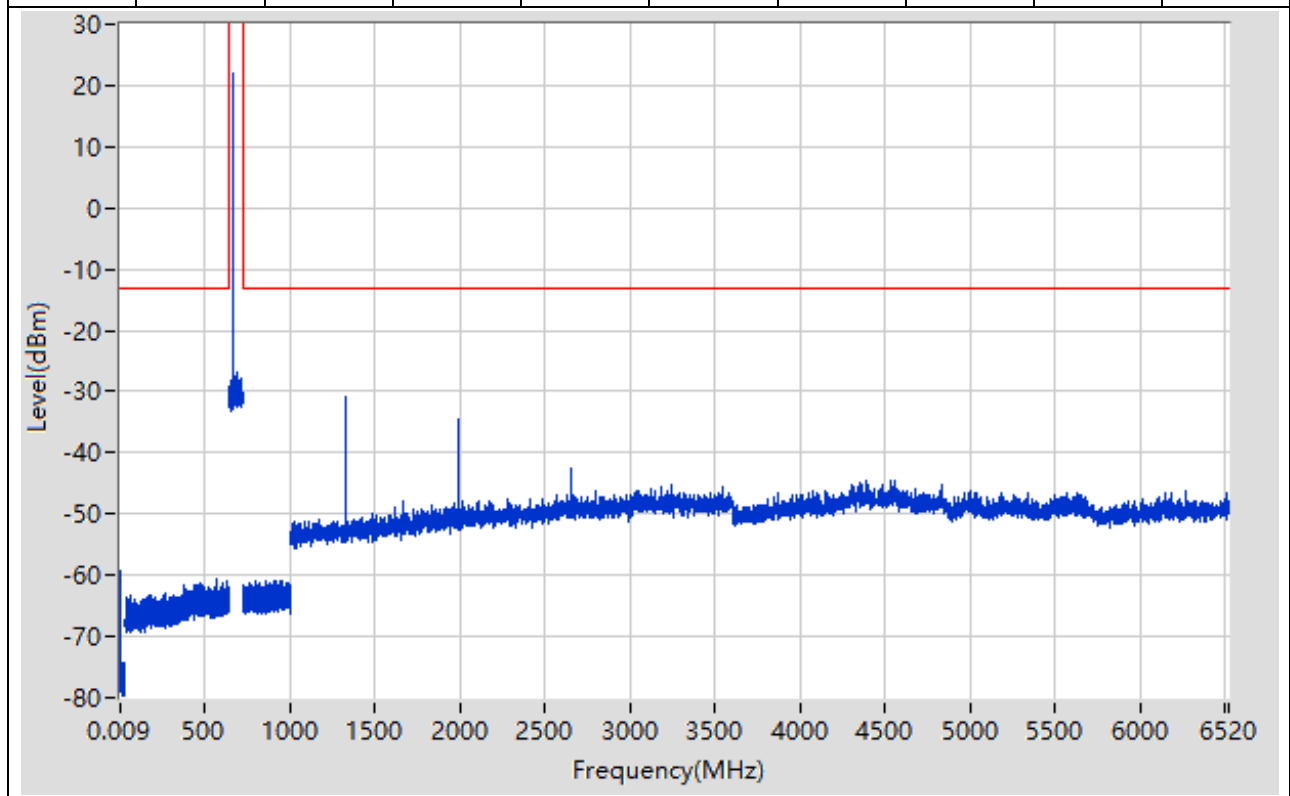
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -60.55      | -13         | 47.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.89      | -13         | 43.89       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 477.6           | -60.19      | -13         | 47.19       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 694.2           | 23.83       | 60          | 36.17       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 989.1           | -60.19      | -13         | 47.19       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2083            | -29.06      | -13         | 16.06       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 3472            | -32.74      | -13         | 19.74       | Pass    | 3521        |



## 12.7. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:133172, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

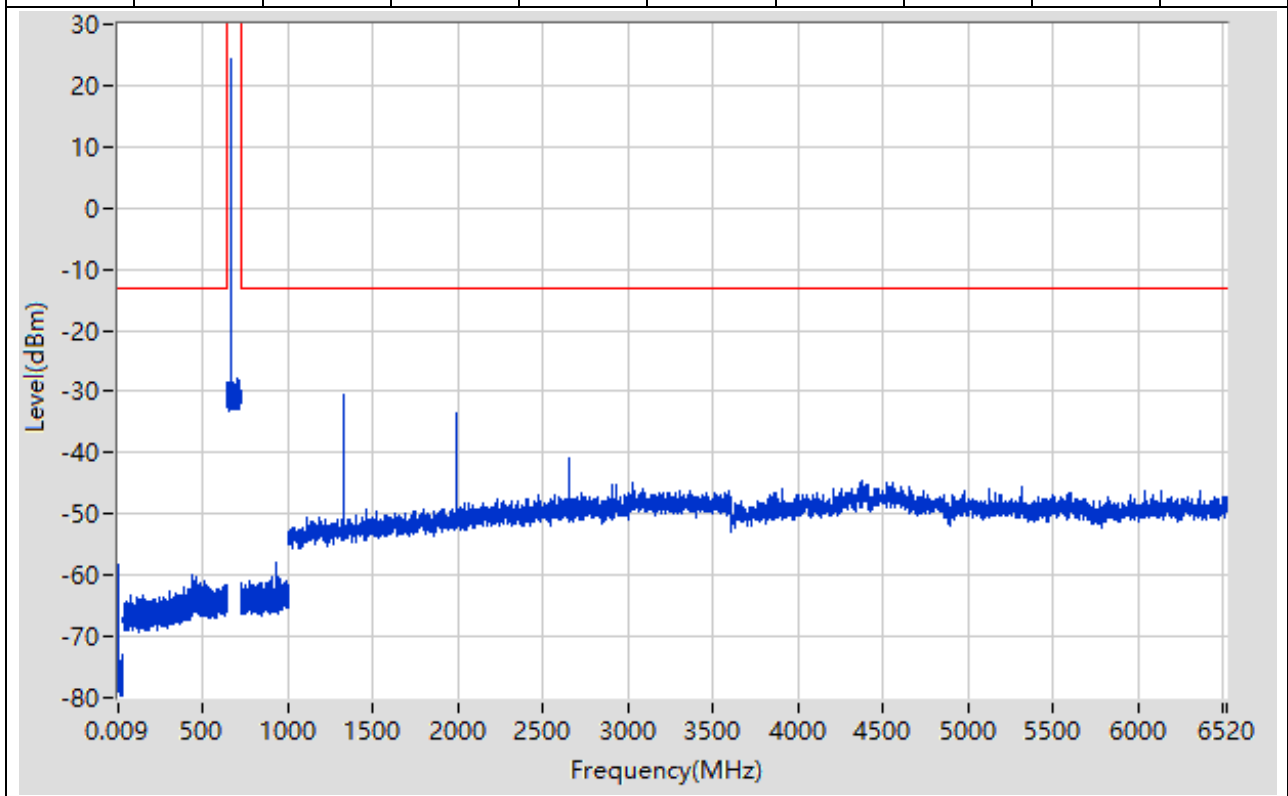
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.086           | -60.45      | -13         | 47.45       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.38      | -13         | 46.38       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 567.7           | -60.77      | -13         | 47.77       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 663.8           | 22.13       | 60          | 37.87       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 954.6           | -60.83      | -13         | 47.83       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1328            | -30.7       | -13         | 17.7        | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4391            | -44.56      | -13         | 31.56       | Pass    | 3521        |



## 12.8. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:133172, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

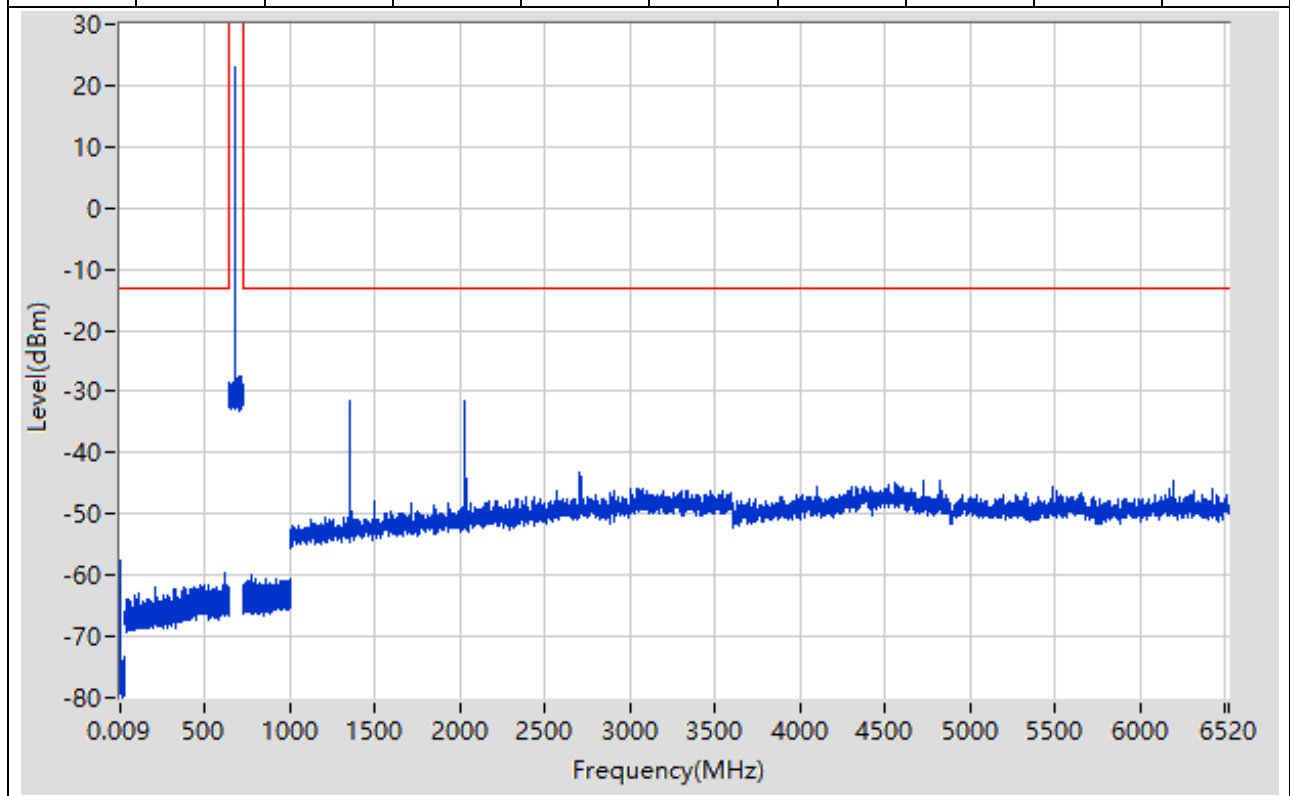
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -59.89      | -13         | 46.89       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.41      | -13         | 45.41       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 432             | -59.96      | -13         | 46.96       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 663.8           | 24.45       | 60          | 35.55       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 930.3           | -57.87      | -13         | 44.87       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1328            | -30.67      | -13         | 17.67       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4377            | -44.62      | -13         | 31.62       | Pass    | 3521        |



## 12.9. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:133297, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

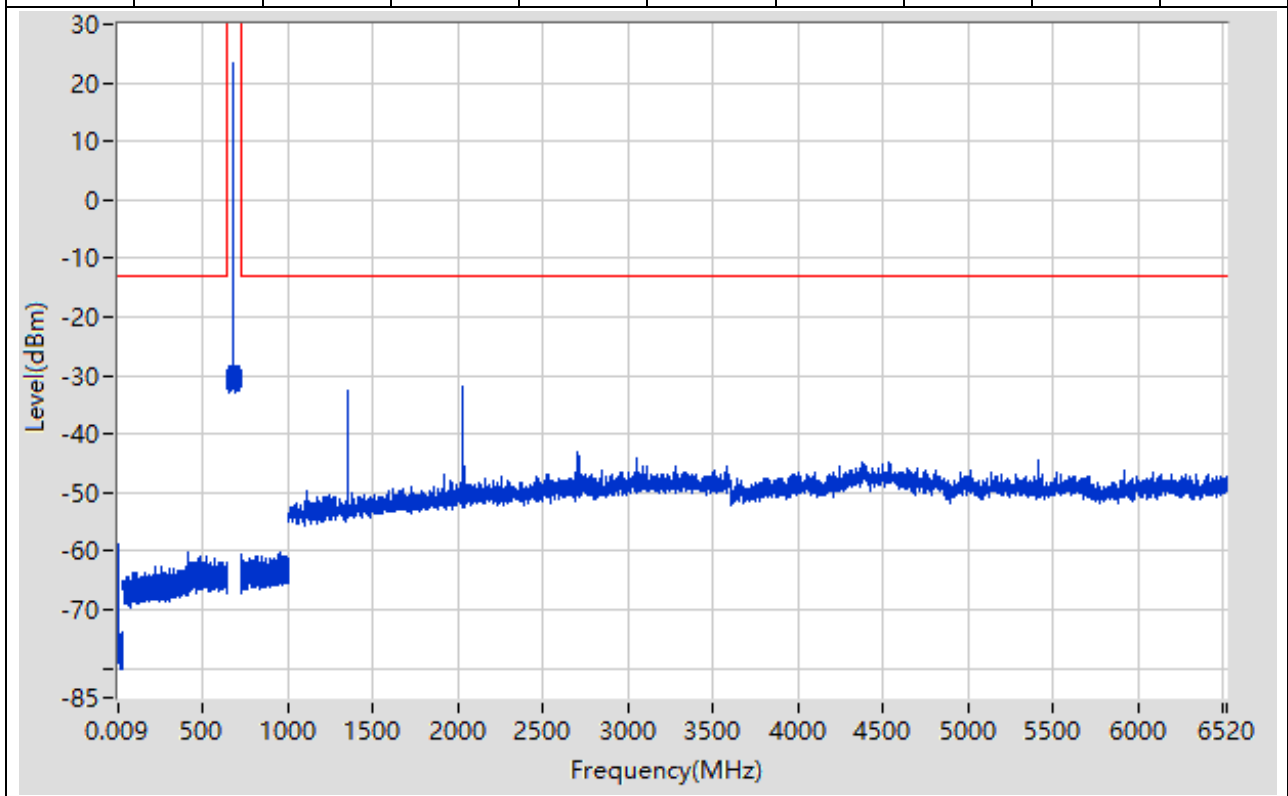
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.84      | -13         | 46.84       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.71      | -13         | 44.71       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 620.2           | -59.55      | -13         | 46.55       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 676.3           | 22.95       | 60          | 37.05       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 769.4           | -59.96      | -13         | 46.96       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1353            | -31.38      | -13         | 18.38       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4818            | -44.53      | -13         | 31.53       | Pass    | 3521        |



## 12.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:133297, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

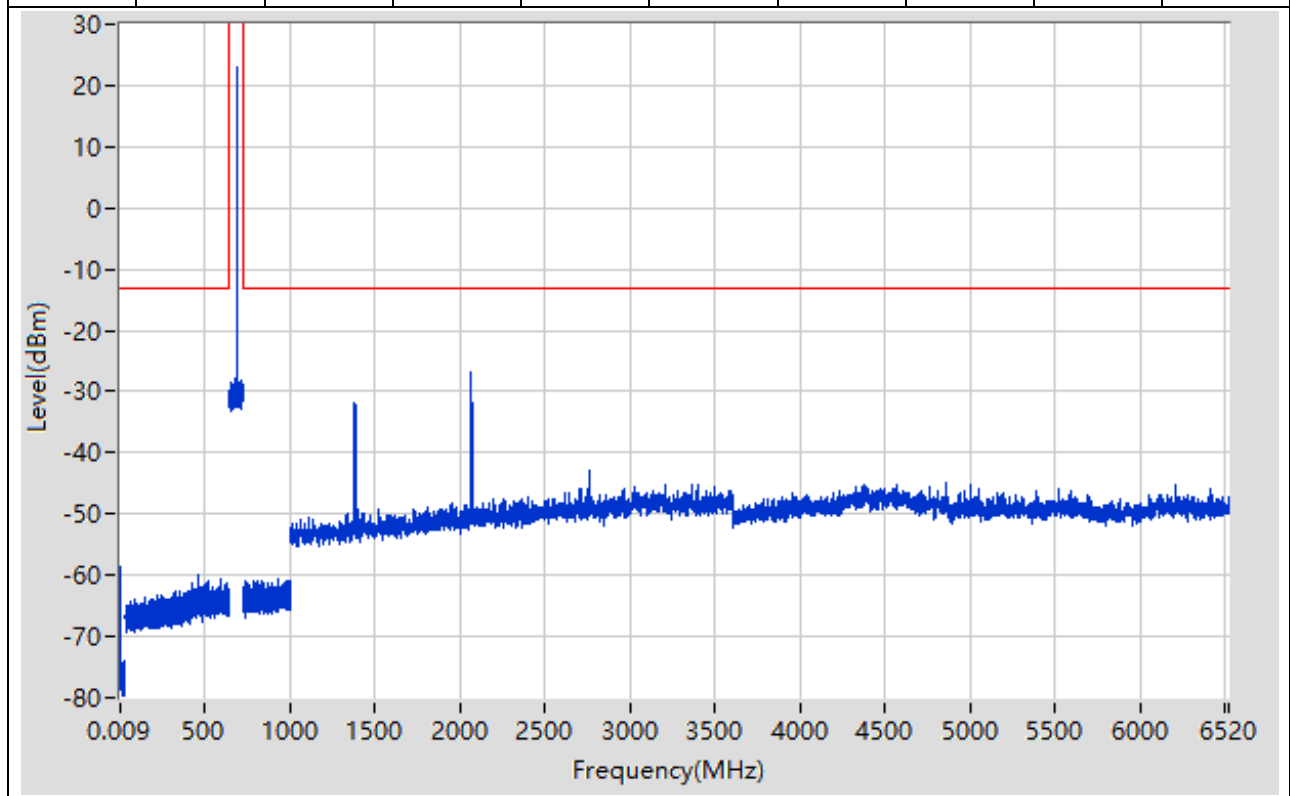
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -59.61      | -13         | 46.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.79      | -13         | 45.79       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 411.5           | -60.1       | -13         | 47.1        | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 676.2           | 23.28       | 60          | 36.72       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 954.7           | -60.03      | -13         | 47.03       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2029            | -32.02      | -13         | 19.02       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 3048            | -44.16      | -13         | 31.16       | Pass    | 3521        |



### 12.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:133422, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

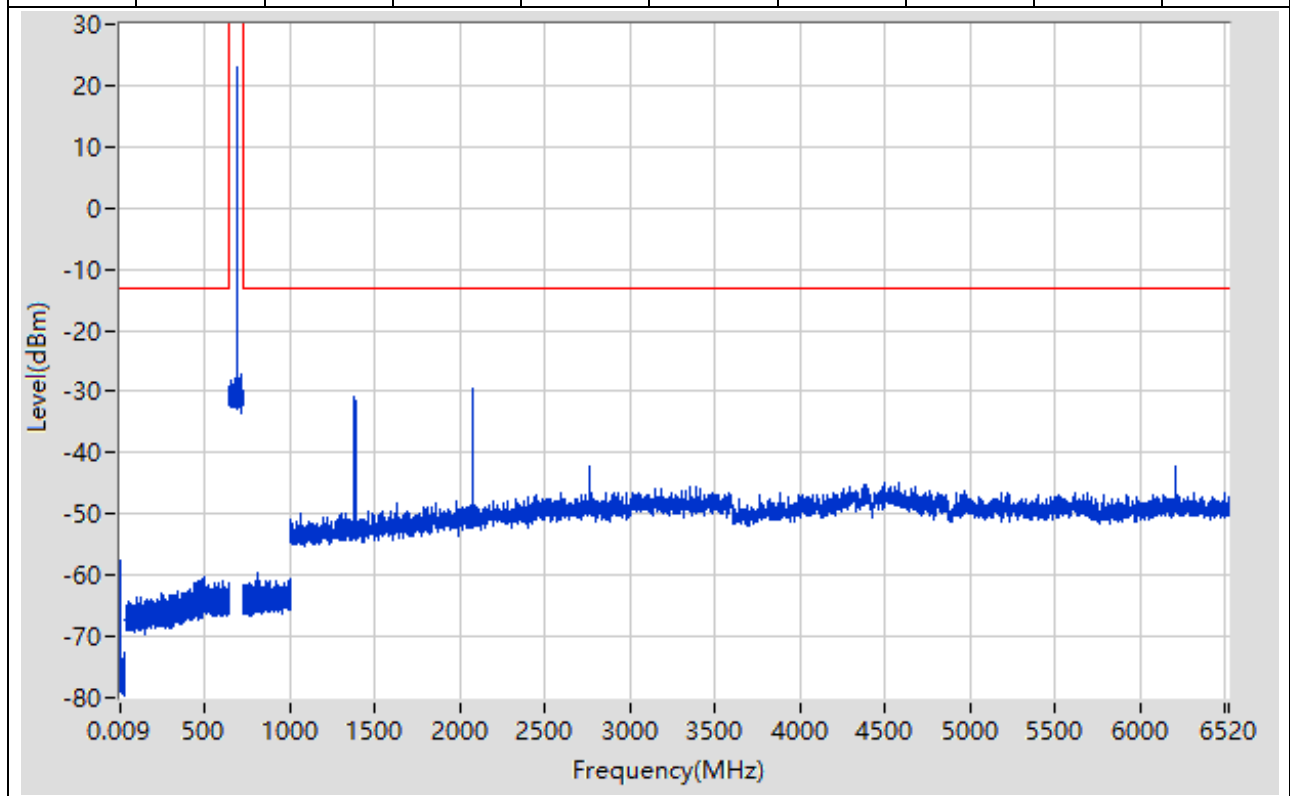
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.27      | -13         | 46.27       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.75      | -13         | 45.75       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 452.7           | -59.78      | -13         | 46.78       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 689.6           | 23          | 60          | 37          | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 923             | -60.77      | -13         | 47.77       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2066            | -26.94      | -13         | 13.94       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4855            | -44.85      | -13         | 31.85       | Pass    | 3521        |



## 12.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:133422, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

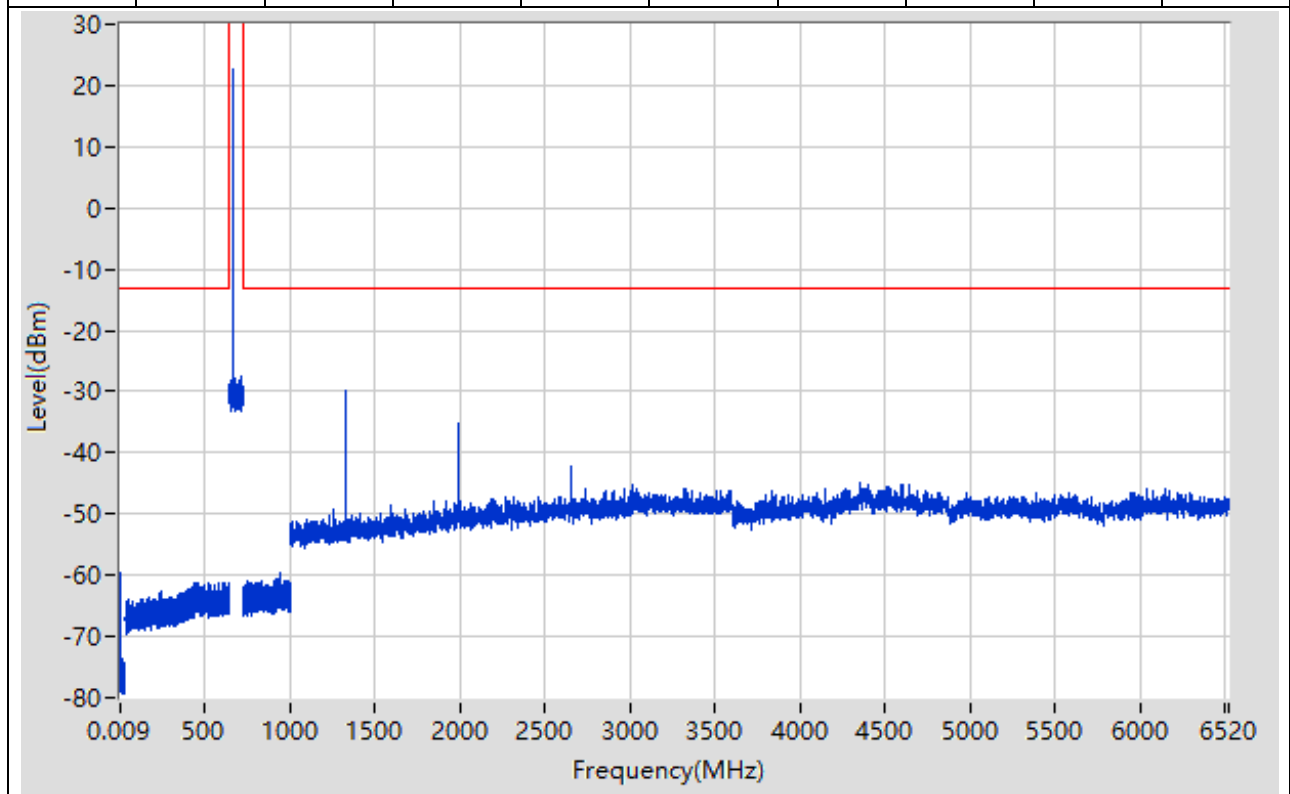
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -60.02      | -13         | 47.02       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.62      | -13         | 44.62       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 492.2           | -60.24      | -13         | 47.24       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 689.6           | 22.89       | 60          | 37.11       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 806.1           | -59.46      | -13         | 46.46       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2069            | -29.67      | -13         | 16.67       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6207            | -42.29      | -13         | 29.29       | Pass    | 3521        |



### 12.13. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:13, Channel:133197, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

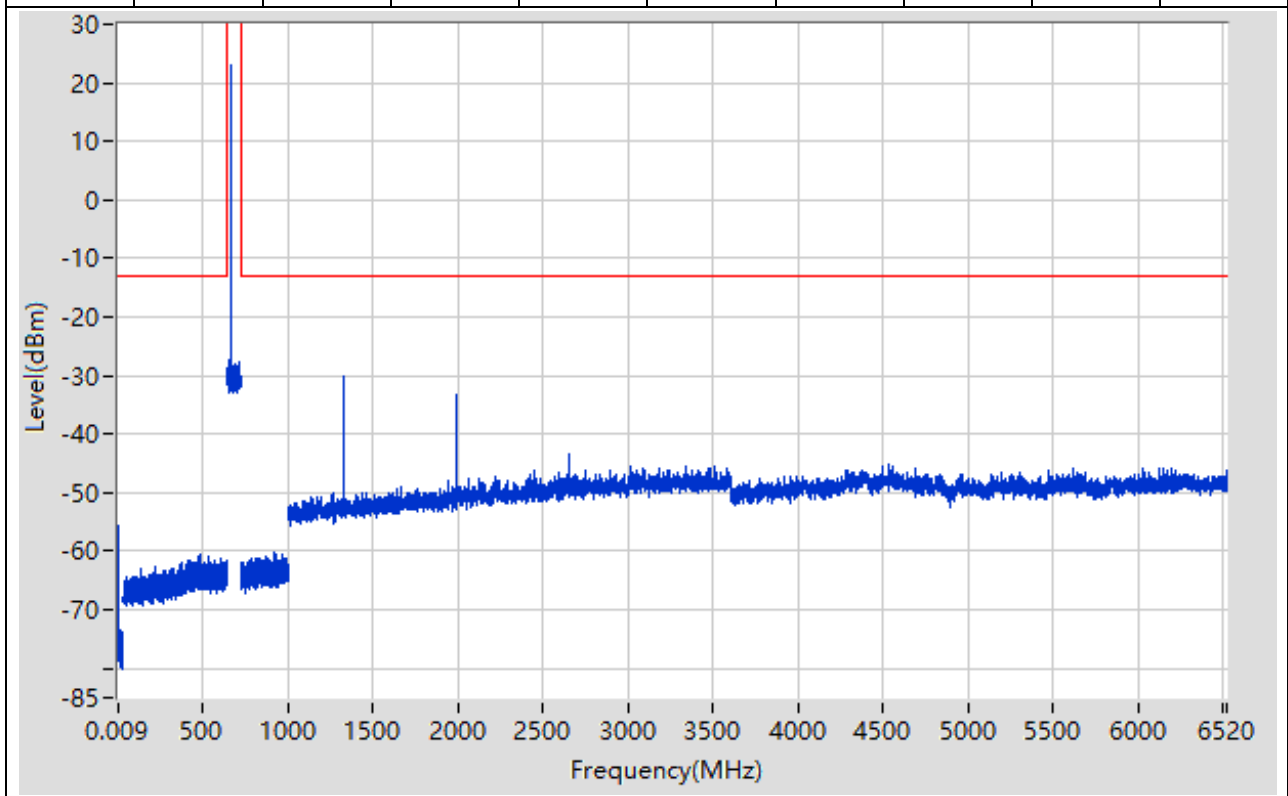
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.67      | -13         | 46.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.02      | -13         | 47.02       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 609.6           | -61.15      | -13         | 48.15       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 664             | 22.81       | 60          | 37.19       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 936             | -59.55      | -13         | 46.55       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1328            | -30.01      | -13         | 17.01       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4349            | -44.78      | -13         | 31.78       | Pass    | 3521        |



#### 12.14. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:14, Channel:133197, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

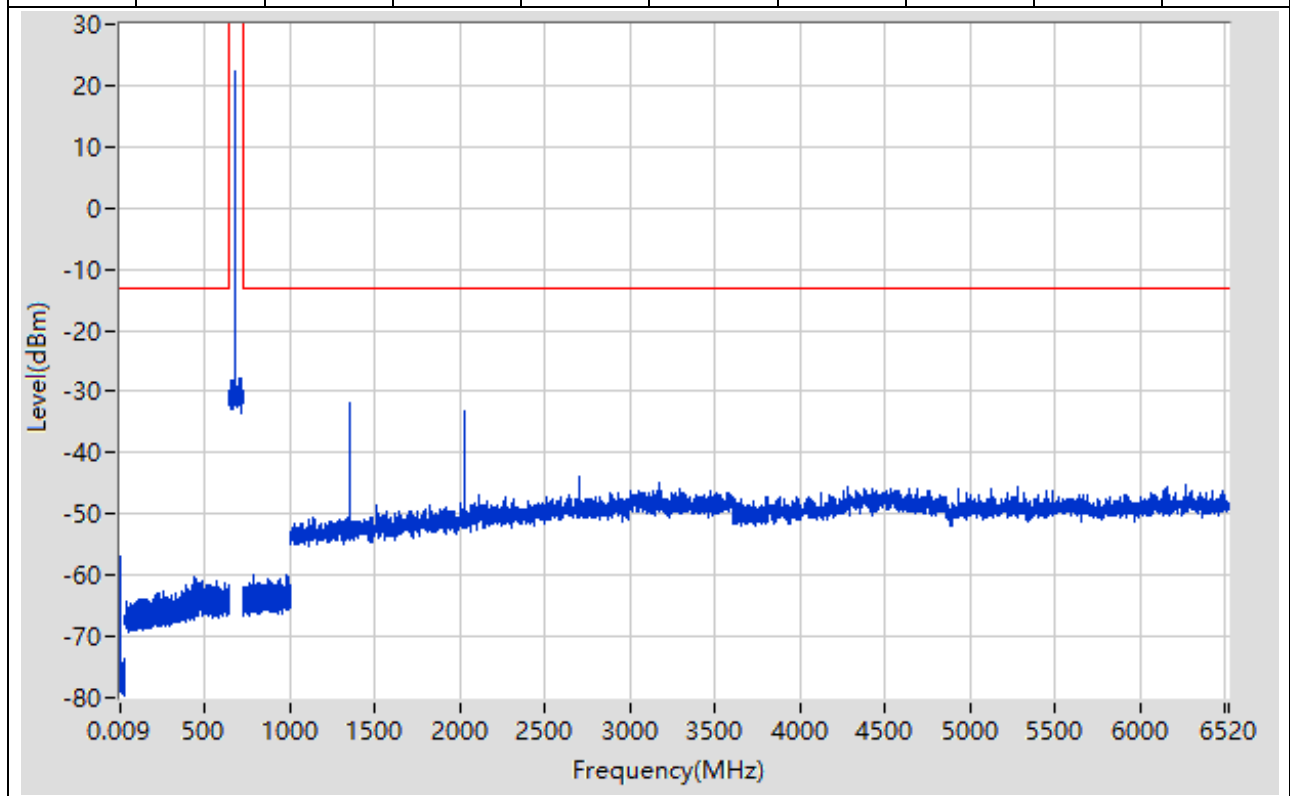
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -59.22      | -13         | 46.22       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.63      | -13         | 42.63       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 480.3           | -60.67      | -13         | 47.67       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 664             | 22.9        | 60          | 37.1        | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 912.1           | -60.3       | -13         | 47.3        | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1328            | -30.21      | -13         | 17.21       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4530            | -45.26      | -13         | 32.26       | Pass    | 3521        |



### 12.15. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:15, Channel:133297, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

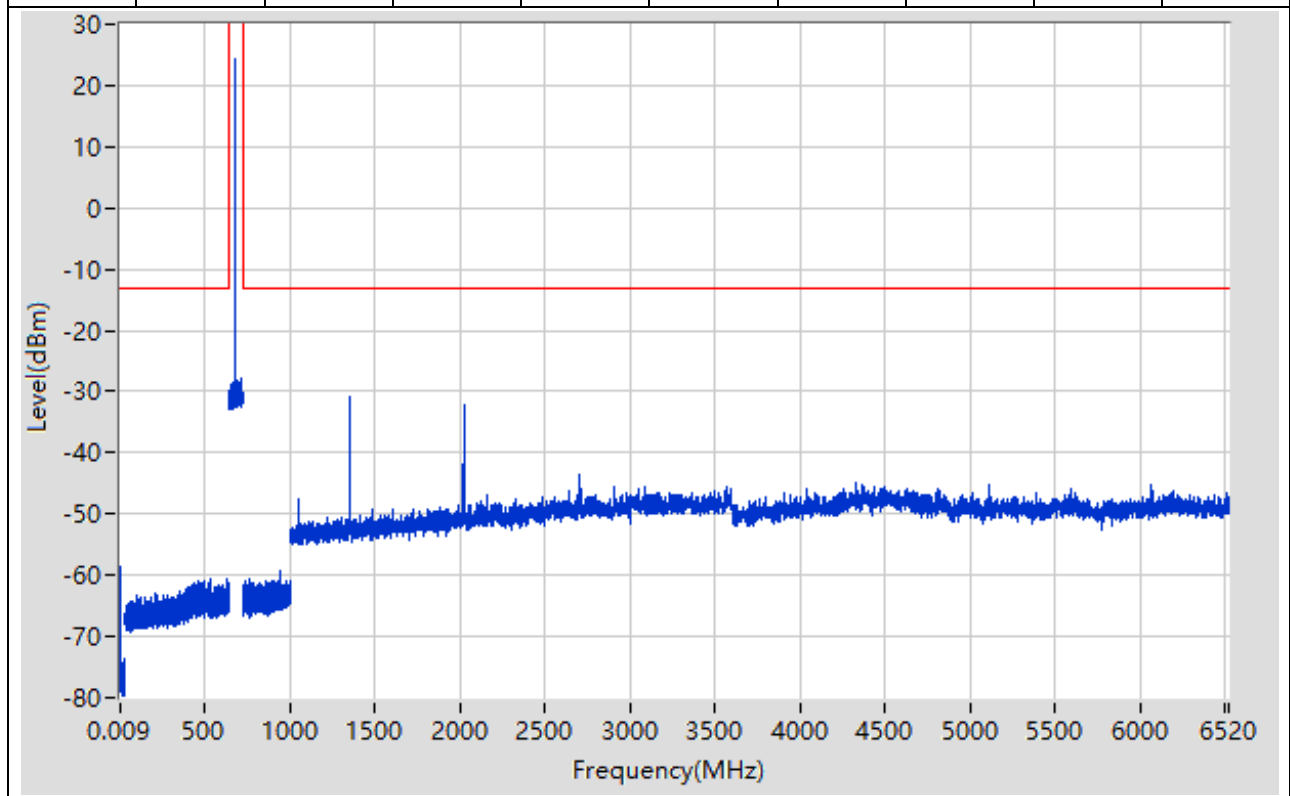
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -60.61      | -13         | 47.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.92      | -13         | 43.92       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 435.5           | -60.27      | -13         | 47.27       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 674             | 22.33       | 60          | 37.67       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 784.5           | -59.87      | -13         | 46.87       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1348            | -31.88      | -13         | 18.88       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 3175            | -44.93      | -13         | 31.93       | Pass    | 3521        |



## 12.16. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:16, Channel:133297, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

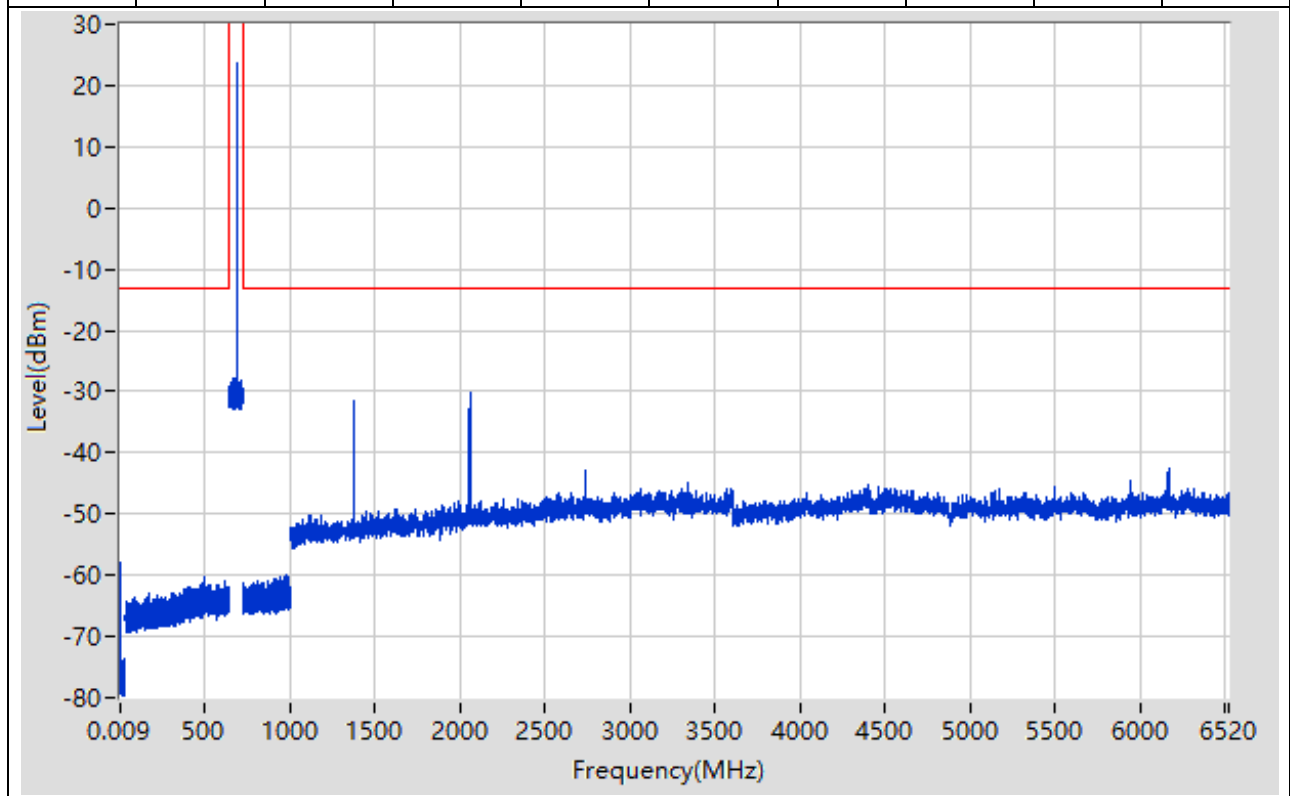
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.026           | -60.64      | -13         | 47.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.51      | -13         | 45.51       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 624.7           | -60.73      | -13         | 47.73       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 674             | 24.26       | 60          | 35.74       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 942.1           | -59.35      | -13         | 46.35       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1348            | -30.72      | -13         | 17.72       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4329            | -45.03      | -13         | 32.03       | Pass    | 3521        |



### 12.17. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:17, Channel:133397, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

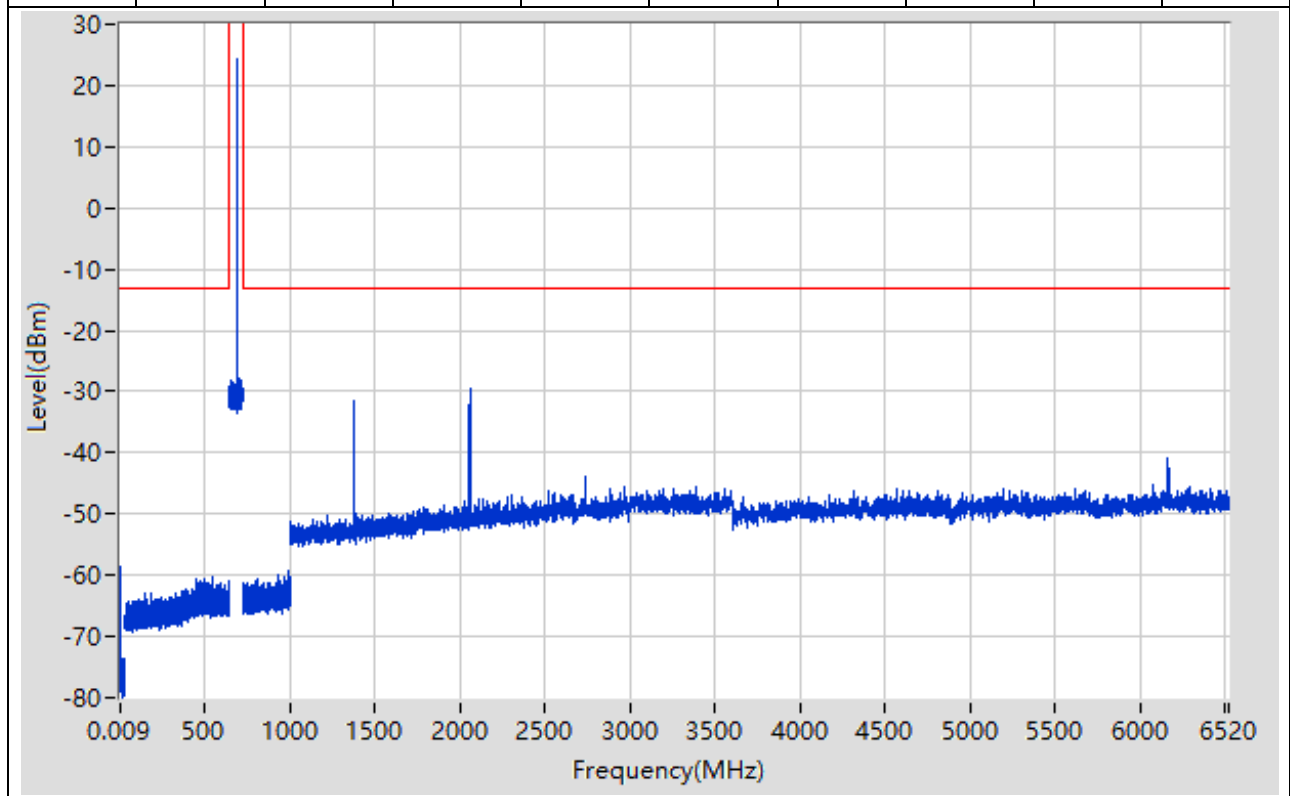
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.7       | -13         | 46.7        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.82      | -13         | 44.82       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 495.5           | -60.36      | -13         | 47.36       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 684.9           | 23.5        | 60          | 36.5        | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 982.1           | -59.84      | -13         | 46.84       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2055            | -30.2       | -13         | 17.2        | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6165            | -42.71      | -13         | 29.71       | Pass    | 3521        |



### 12.18. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:18, Channel:133397, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

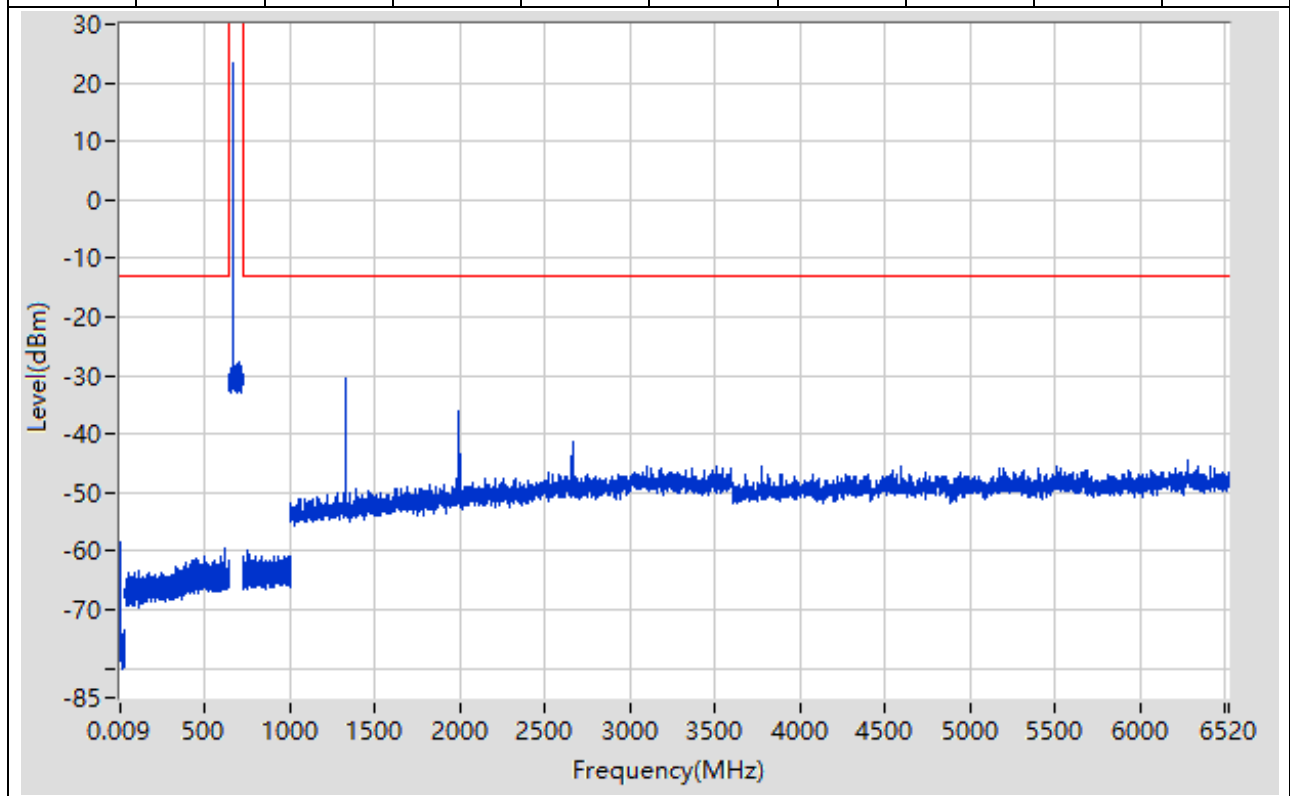
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.52      | -13         | 46.52       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.5       | -13         | 45.5        | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 537.5           | -60.38      | -13         | 47.38       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 684.9           | 24.21       | 60          | 35.79       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 992.1           | -59.33      | -13         | 46.33       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2055            | -29.52      | -13         | 16.52       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6164            | -40.8       | -13         | 27.8        | Pass    | 3521        |



### 12.19. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:19, Channel:133222, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

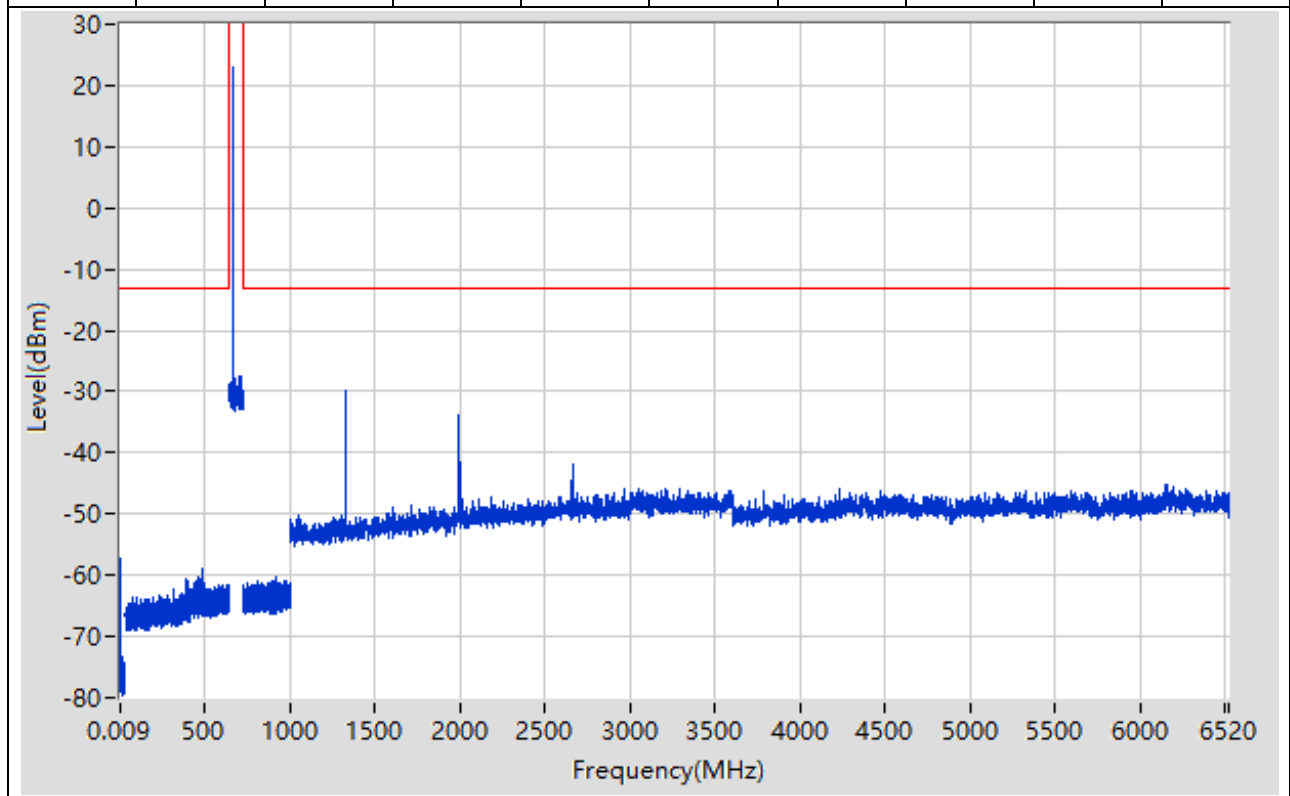
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -58.37      | -13         | 45.37       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.13      | -13         | 47.13       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 619.9           | -59.52      | -13         | 46.52       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 664.4           | 23.23       | 60          | 36.77       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 752.3           | -59.79      | -13         | 46.79       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1329            | -30.57      | -13         | 17.57       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6283            | -44.51      | -13         | 31.51       | Pass    | 3521        |



## 12.20. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:20, Channel:133222, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

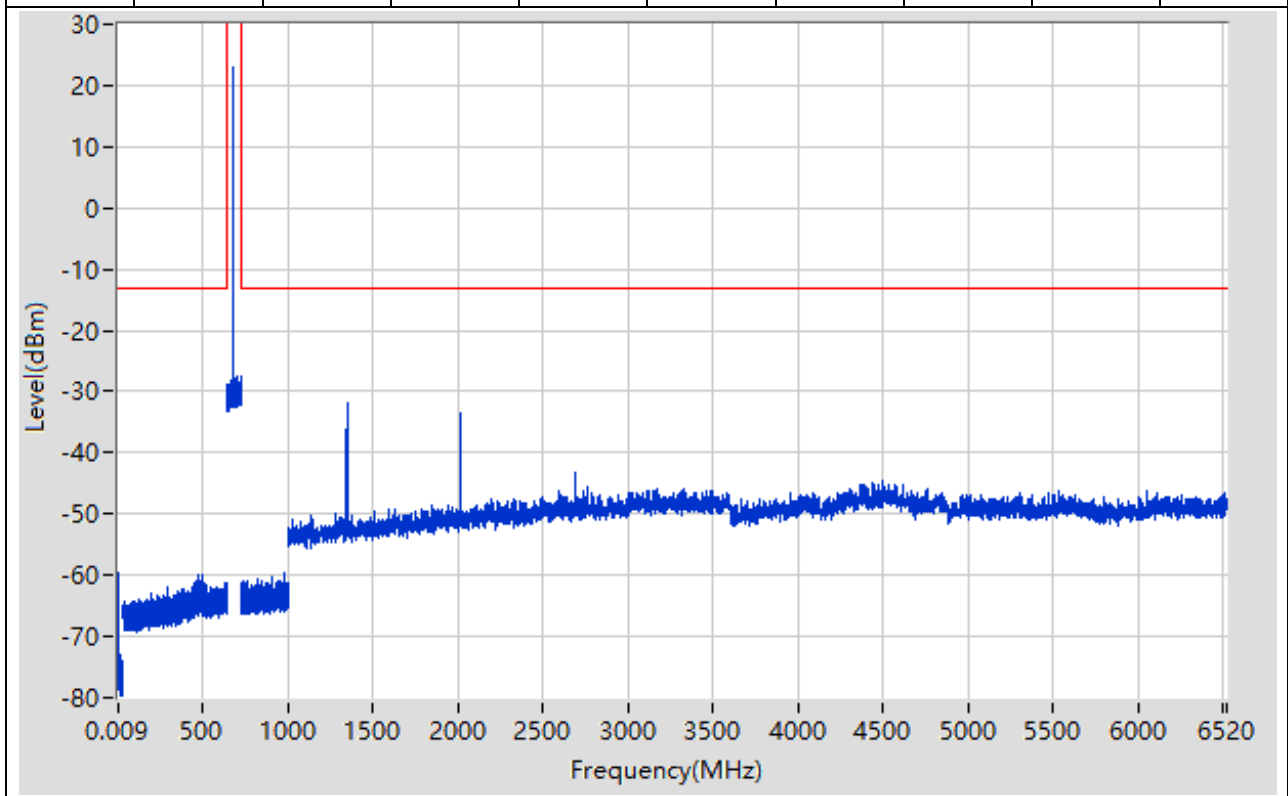
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.035           | -59.63      | -13         | 46.63       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.29      | -13         | 44.29       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 476.1           | -58.82      | -13         | 45.82       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 664.4           | 23.11       | 60          | 36.89       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 912.2           | -60.32      | -13         | 47.32       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1329            | -29.95      | -13         | 16.95       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6150            | -45.08      | -13         | 32.08       | Pass    | 3521        |



## 12.21. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:21, Channel:133297, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

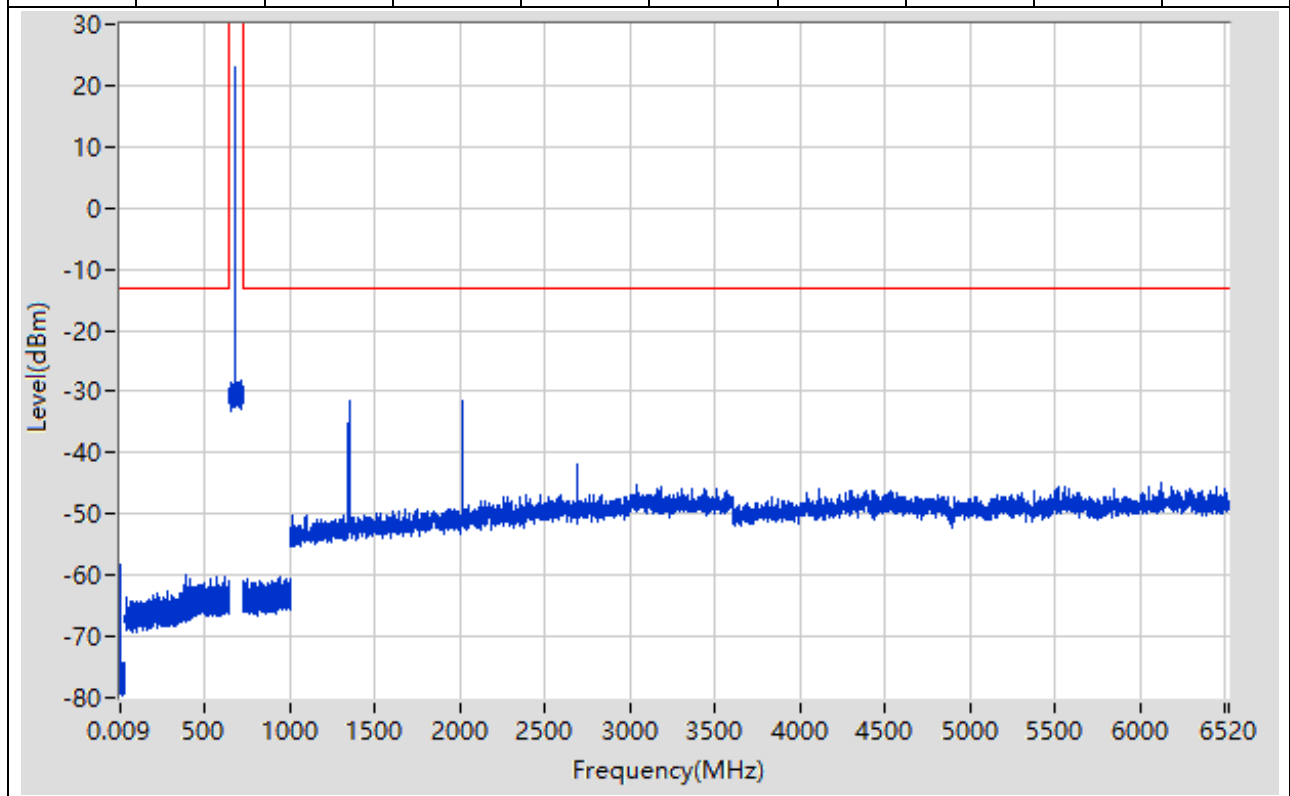
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -60.77      | -13         | 47.77       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.61      | -13         | 46.61       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 490.1           | -59.95      | -13         | 46.95       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 671.9           | 22.91       | 60          | 37.09       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 970.7           | -59.62      | -13         | 46.62       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1344            | -31.8       | -13         | 18.8        | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4491            | -44.58      | -13         | 31.58       | Pass    | 3521        |



## 12.22. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:22, Channel:133297, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

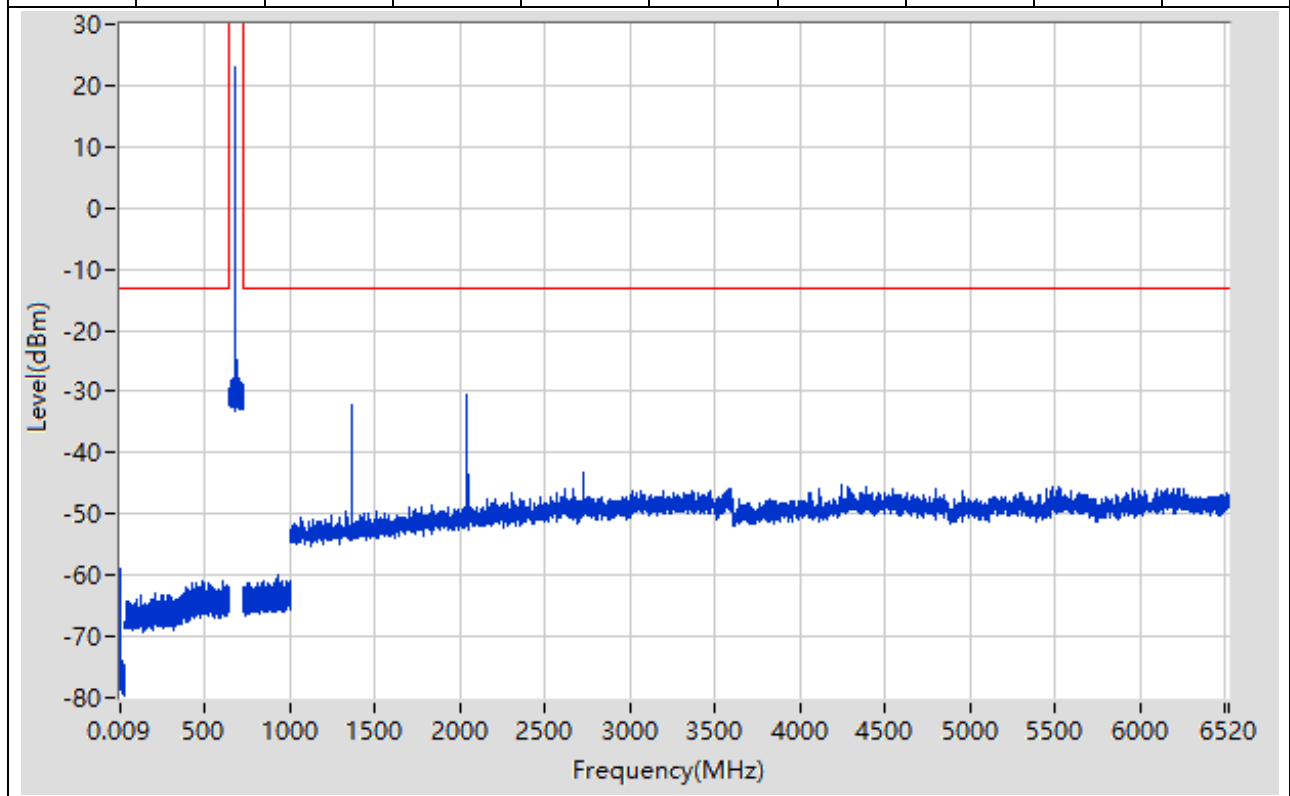
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -59.39      | -13         | 46.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.26      | -13         | 45.26       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 381.2           | -60.05      | -13         | 47.05       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 671.9           | 22.89       | 60          | 37.11       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 934.2           | -60.22      | -13         | 47.22       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1344            | -31.51      | -13         | 18.51       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 6118            | -44.99      | -13         | 31.99       | Pass    | 3521        |



### 12.23. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:23, Channel:133372, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

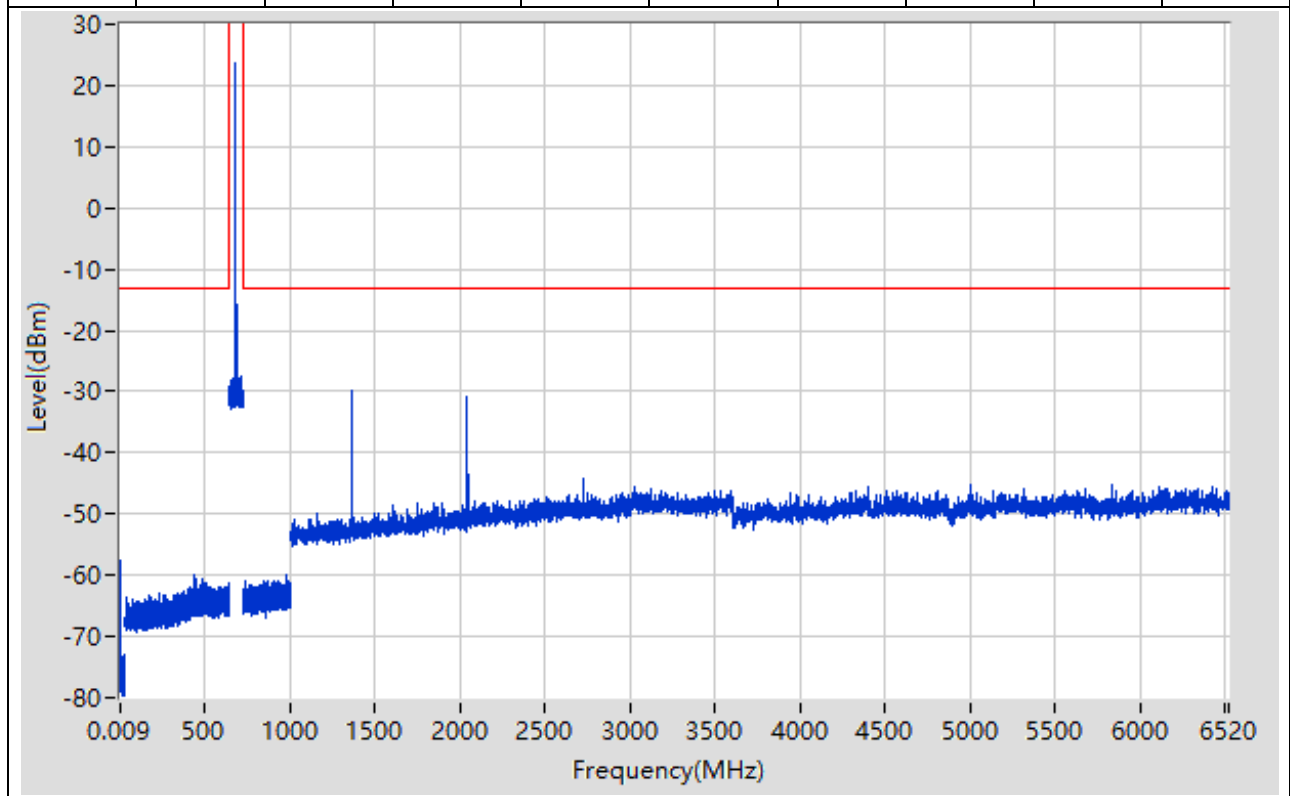
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -60.32      | -13         | 47.32       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.92      | -13         | 45.92       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 484.4           | -60.93      | -13         | 47.93       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 680.3           | 22.84       | 60          | 37.16       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 922.6           | -59.89      | -13         | 46.89       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 2041            | -30.62      | -13         | 17.62       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 4243            | -45.27      | -13         | 32.27       | Pass    | 3521        |



## 12.24. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:24, Channel:133372, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -59.99      | -13         | 46.99       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.48      | -13         | 44.48       | Pass    | 2986        |
| 30                    | 643                  | 0.1       | RMS      | 439.2           | -59.81      | -13         | 46.81       | Pass    | 6131        |
| 643                   | 718                  | 0.1       | RMS      | 680.4           | 23.48       | 60          | 36.52       | Pass    | 751         |
| 718                   | 1000                 | 0.1       | RMS      | 976.9           | -59.92      | -13         | 46.92       | Pass    | 2821        |
| 1000                  | 3000                 | 1         | RMS      | 1361            | -29.98      | -13         | 16.98       | Pass    | 2001        |
| 3000                  | 6520                 | 1         | RMS      | 5831            | -45.21      | -13         | 32.21       | Pass    | 3521        |

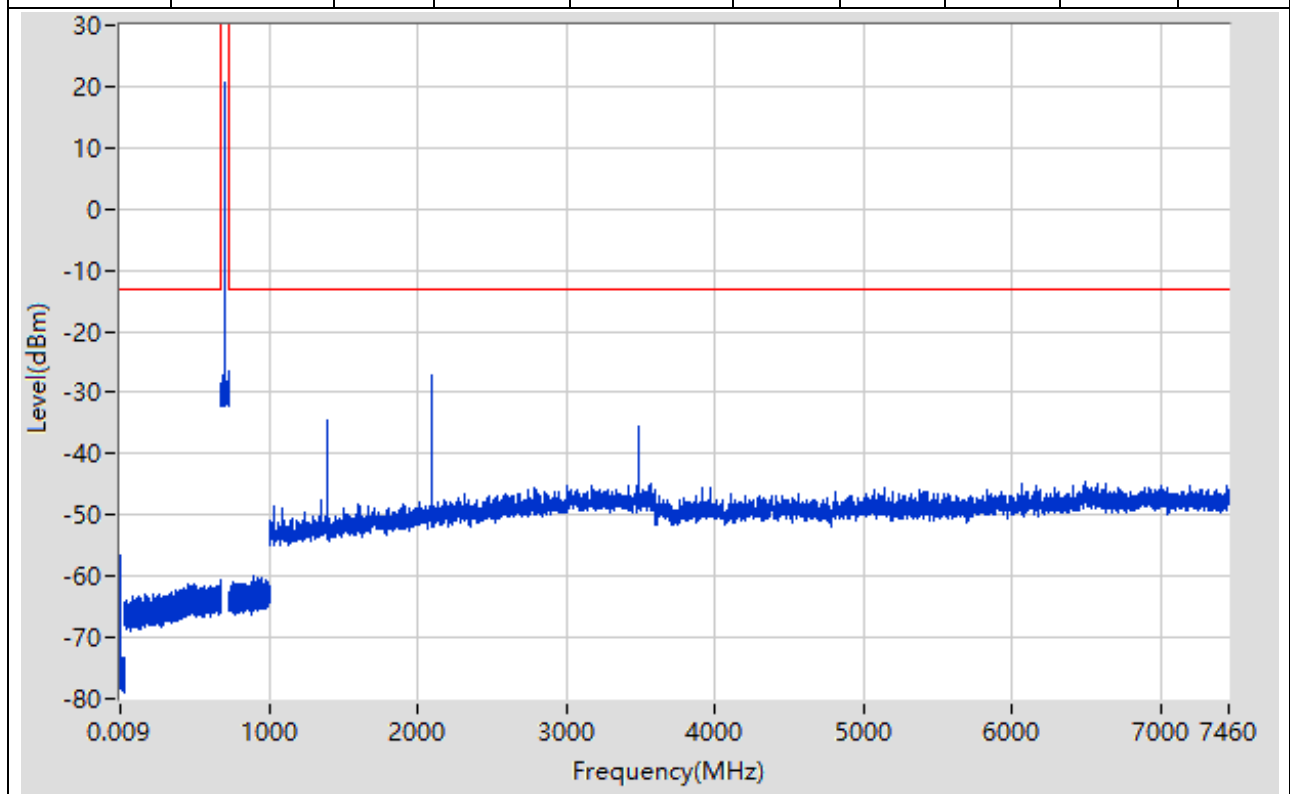


### 13. Cat-M\_Band85

#### 13.1. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:1, Channel:134031, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

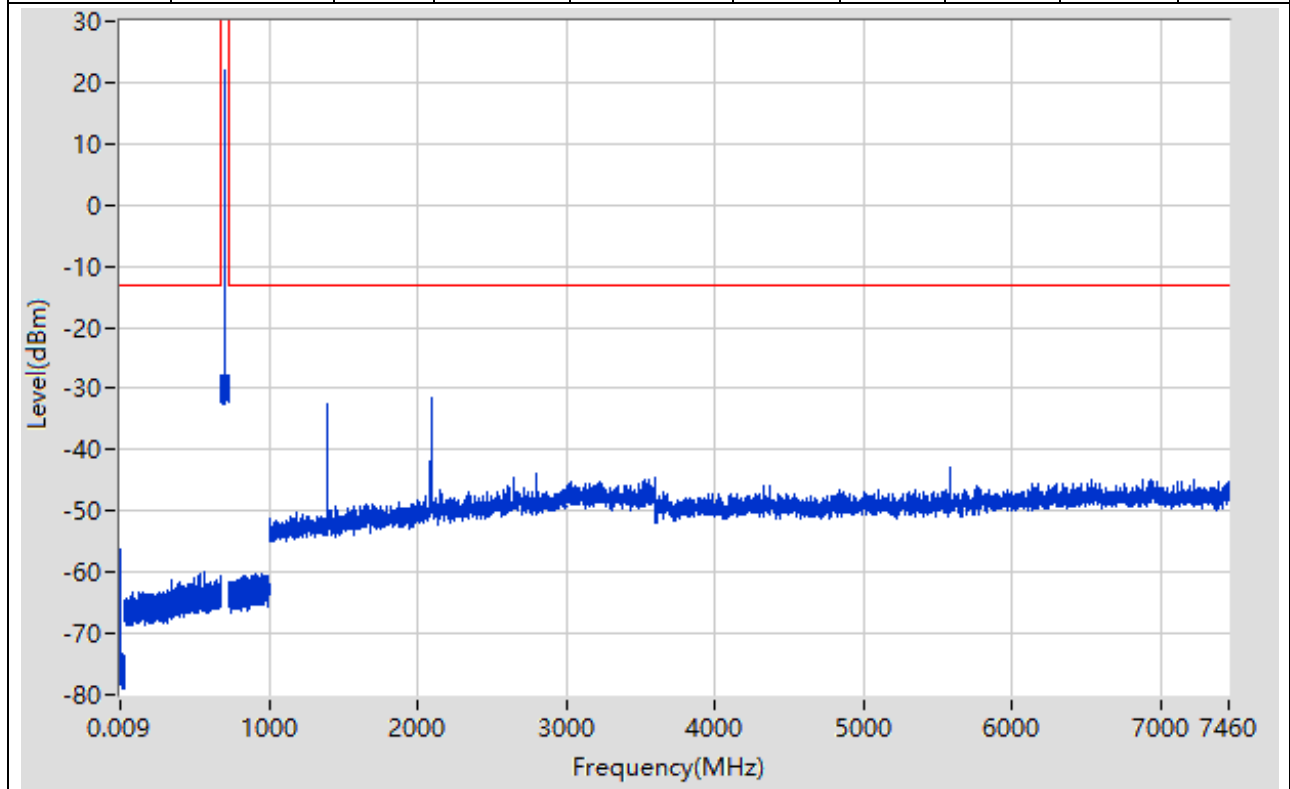
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.74      | -13         | 43.74       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.46      | -13         | 44.46       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 675.1           | -60.49      | -13         | 47.49       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 698.7           | 20.69       | 60          | 39.31       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 898             | -59.78      | -13         | 46.78       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2093            | -27.31      | -13         | 14.31       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 3491            | -35.57      | -13         | 22.57       | Pass    | 4461        |



### 13.2. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:2, Channel:134031, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

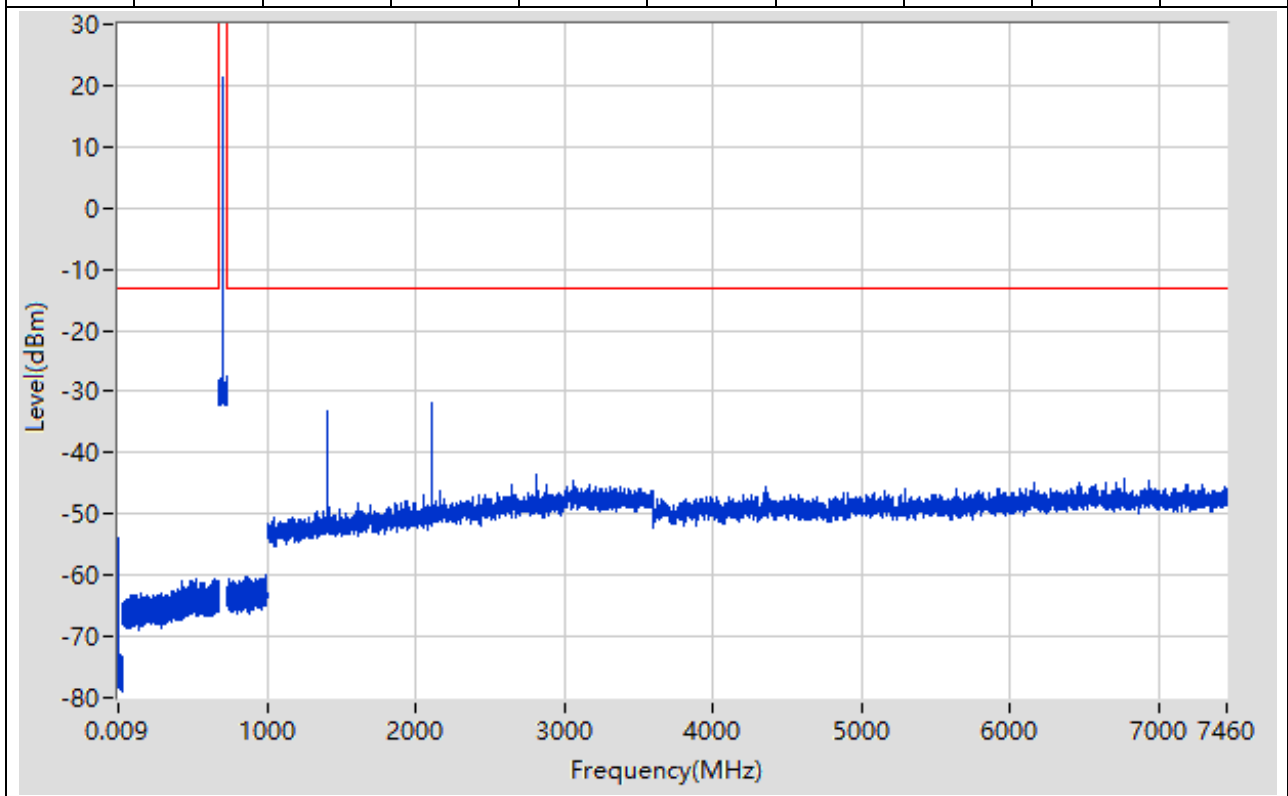
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -56.13      | -13         | 43.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.73      | -13         | 43.73       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 561.3           | -59.89      | -13         | 46.89       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 698.7           | 21.92       | 60          | 38.08       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 953.9           | -60.12      | -13         | 47.12       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2096            | -31.62      | -13         | 18.62       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5590            | -42.94      | -13         | 29.94       | Pass    | 4461        |



### 13.3. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:3, Channel:134091, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

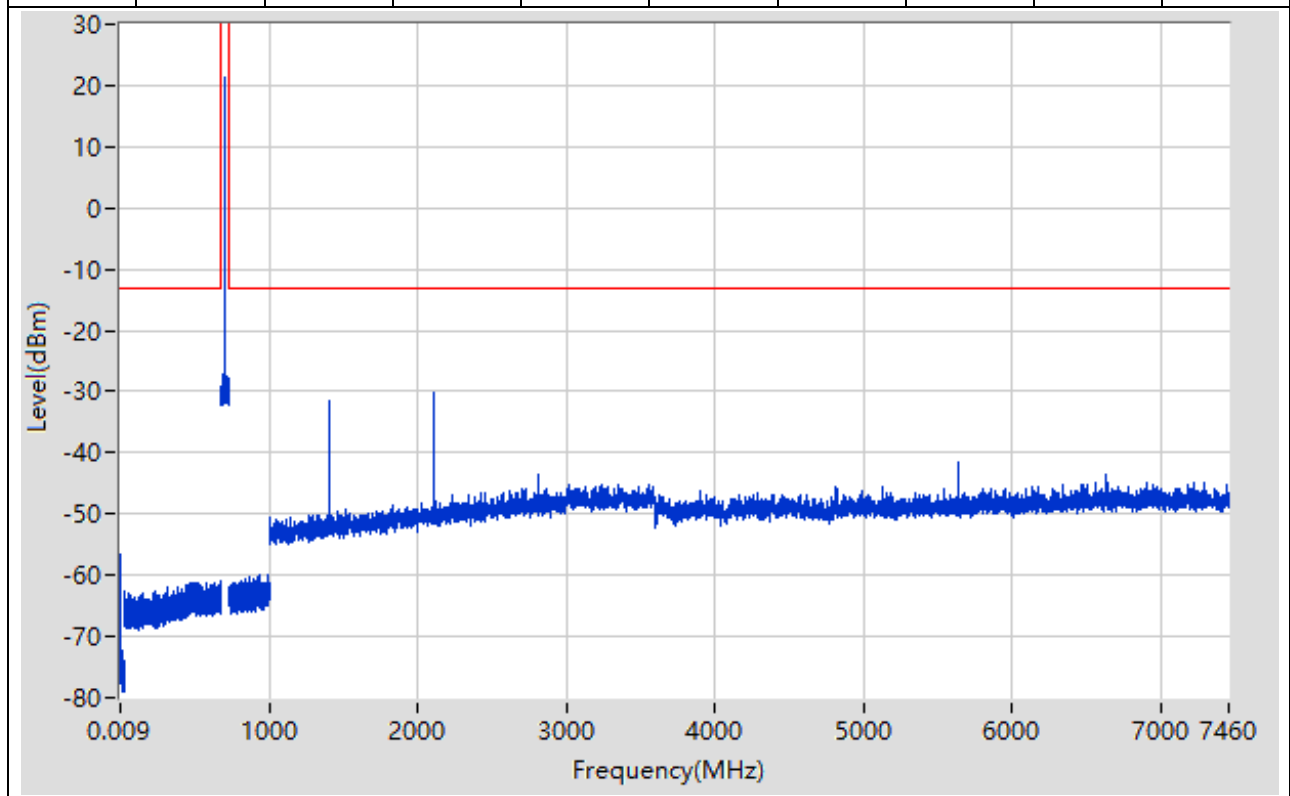
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -54.04      | -13         | 41.04       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.62      | -13         | 46.62       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 519             | -60.45      | -13         | 47.45       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 704.7           | 21.23       | 60          | 38.77       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 997.3           | -59.95      | -13         | 46.95       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2114            | -31.76      | -13         | 18.76       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6775            | -44.07      | -13         | 31.07       | Pass    | 4461        |



#### 13.4. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:4, Channel:134091, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

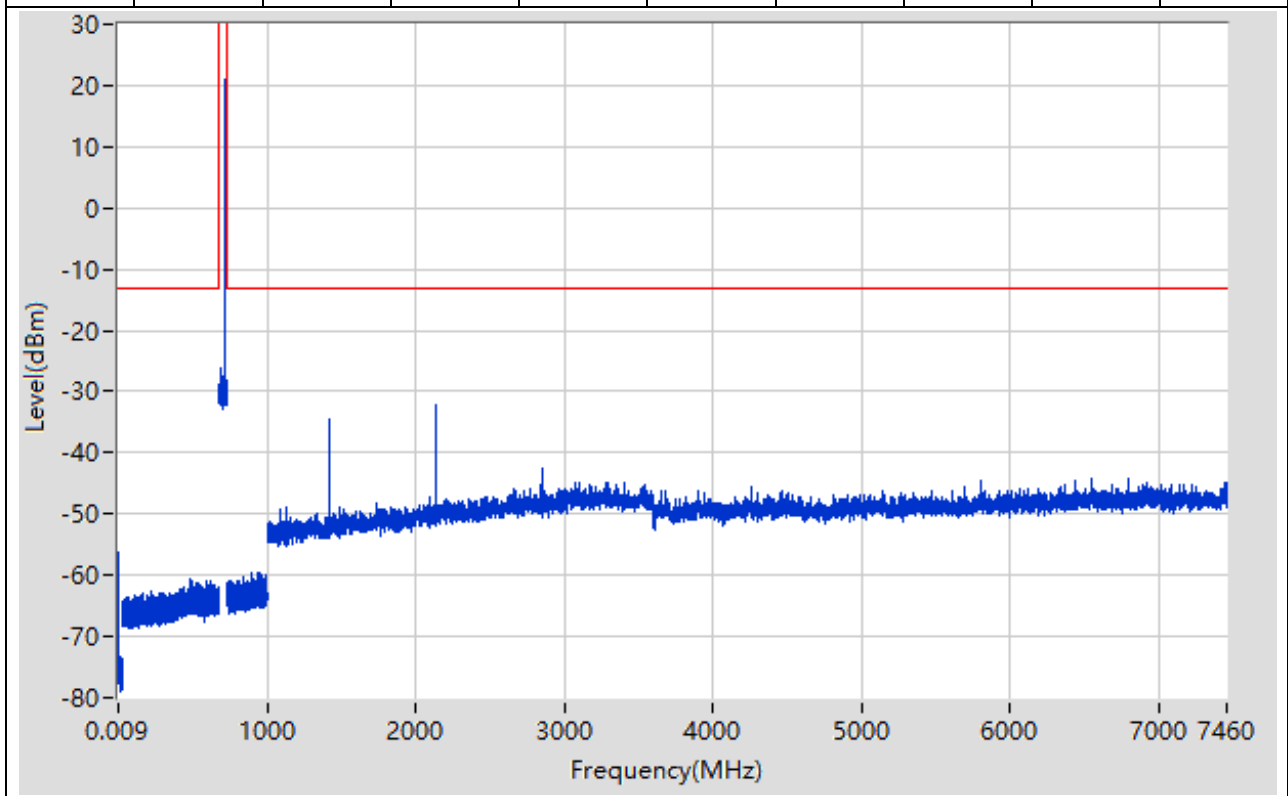
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.49      | -13         | 43.49       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.76      | -13         | 43.76       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 675.6           | -60.96      | -13         | 47.96       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 704.7           | 21.47       | 60          | 38.53       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 994.2           | -59.79      | -13         | 46.79       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2114            | -30.07      | -13         | 17.07       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5637            | -41.59      | -13         | 28.59       | Pass    | 4461        |



### 13.5. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:5, Channel:134156, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

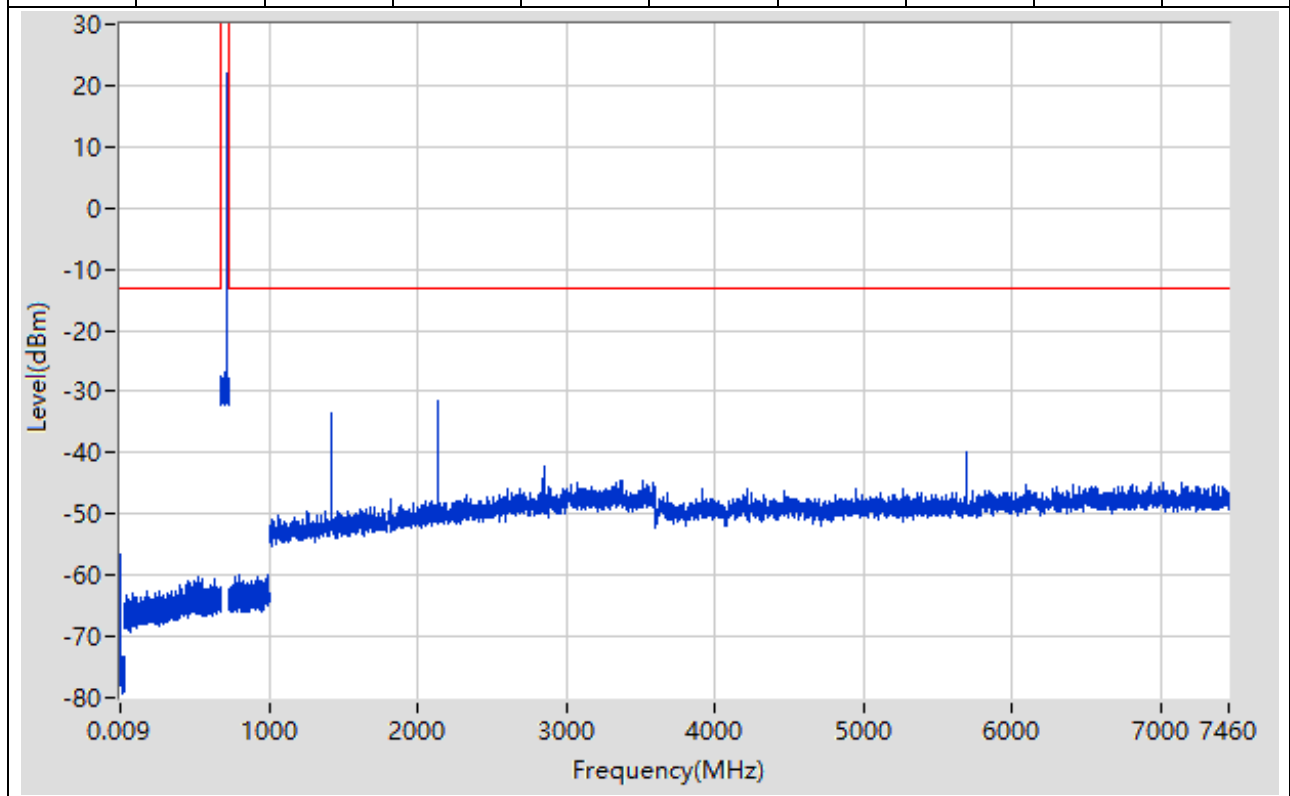
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.22      | -13         | 43.22       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.64      | -13         | 44.64       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 477.7           | -60.68      | -13         | 47.68       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 712.1           | 20.98       | 60          | 39.02       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 892.3           | -59.66      | -13         | 46.66       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2136            | -32.19      | -13         | 19.19       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6554            | -44.33      | -13         | 31.33       | Pass    | 4461        |



### 13.6. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:6, Channel:134156, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

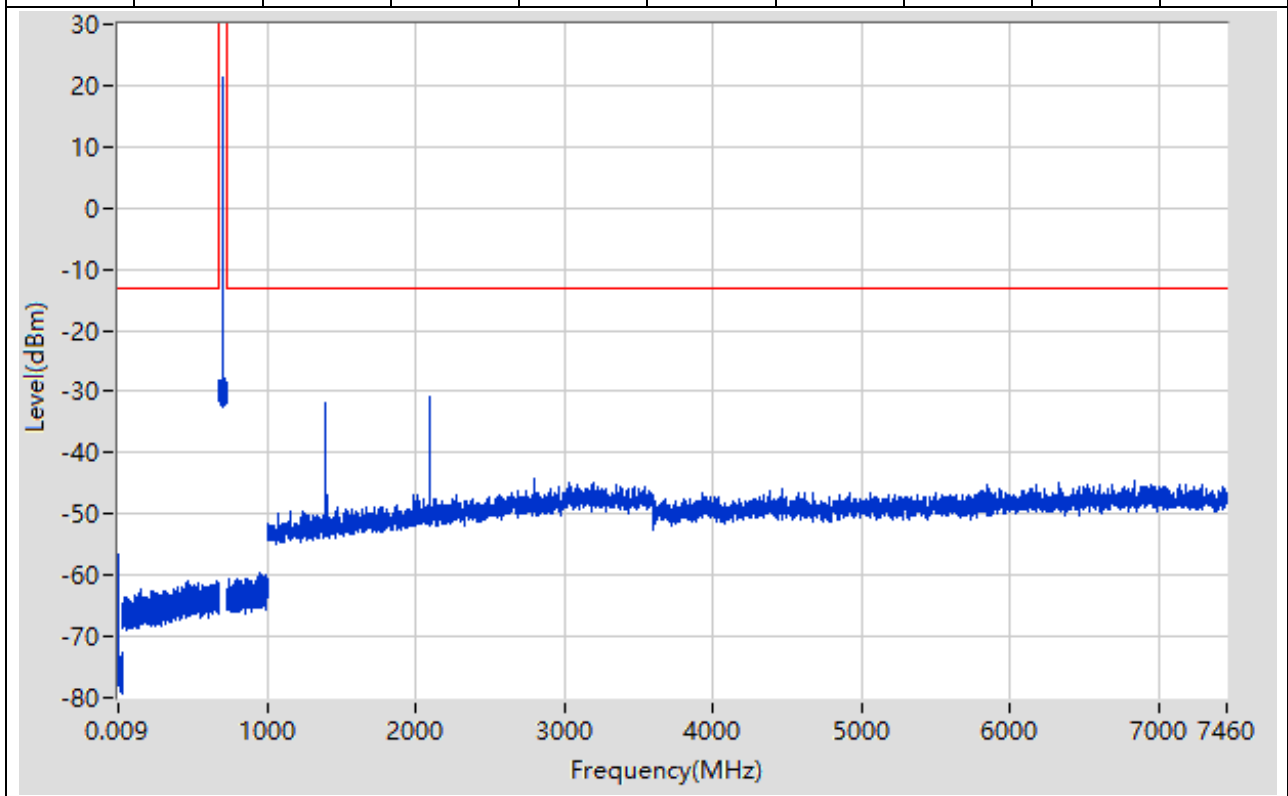
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -56.6       | -13         | 43.6        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.19      | -13         | 44.19       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 523.8           | -60.44      | -13         | 47.44       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 712.1           | 21.91       | 60          | 38.09       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 800.5           | -59.85      | -13         | 46.85       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2136            | -31.48      | -13         | 18.48       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5696            | -39.77      | -13         | 26.77       | Pass    | 4461        |



### 13.7. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:7, Channel:134056, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

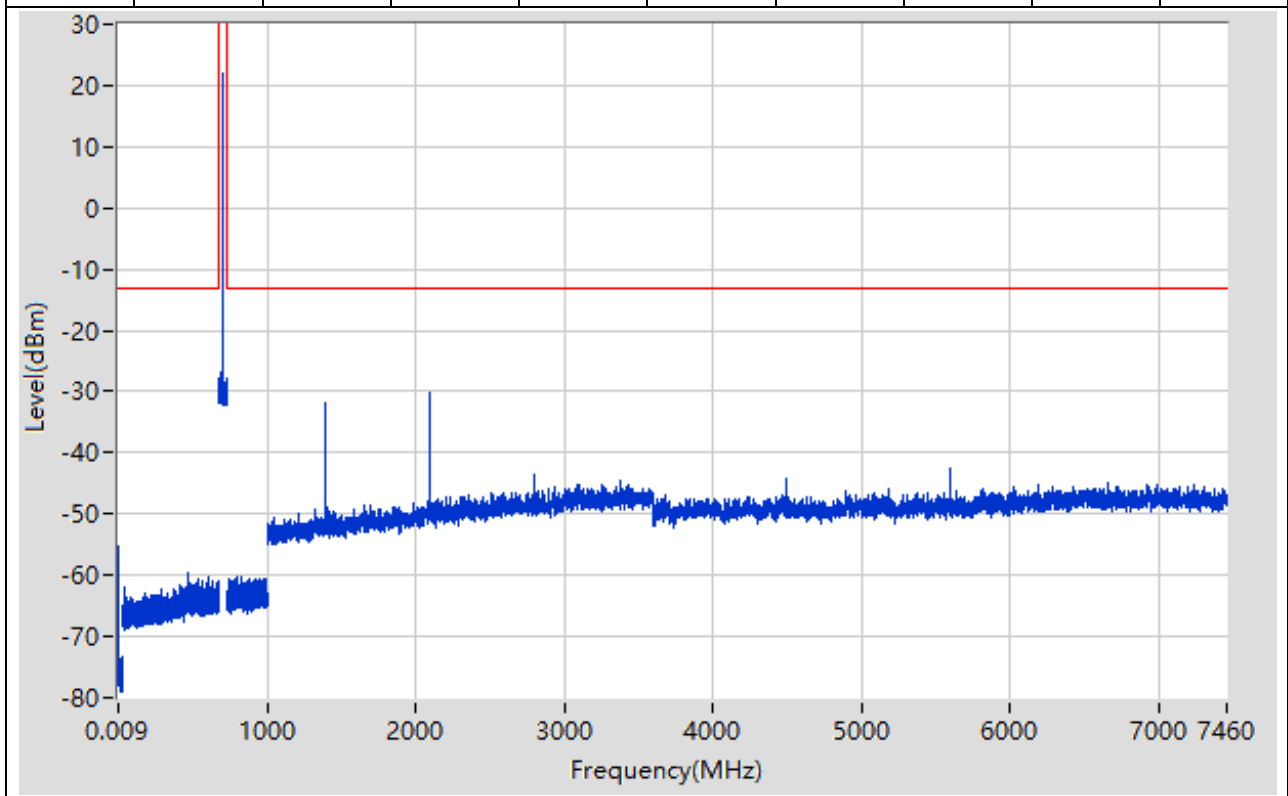
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -56.62      | -13         | 43.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.56      | -13         | 44.56       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 470.1           | -60.99      | -13         | 47.99       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 699.1           | 21.32       | 60          | 38.68       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 956.9           | -59.68      | -13         | 46.68       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2097            | -30.98      | -13         | 17.98       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6838            | -44.59      | -13         | 31.59       | Pass    | 4461        |



### 13.8. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:8, Channel:134056, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

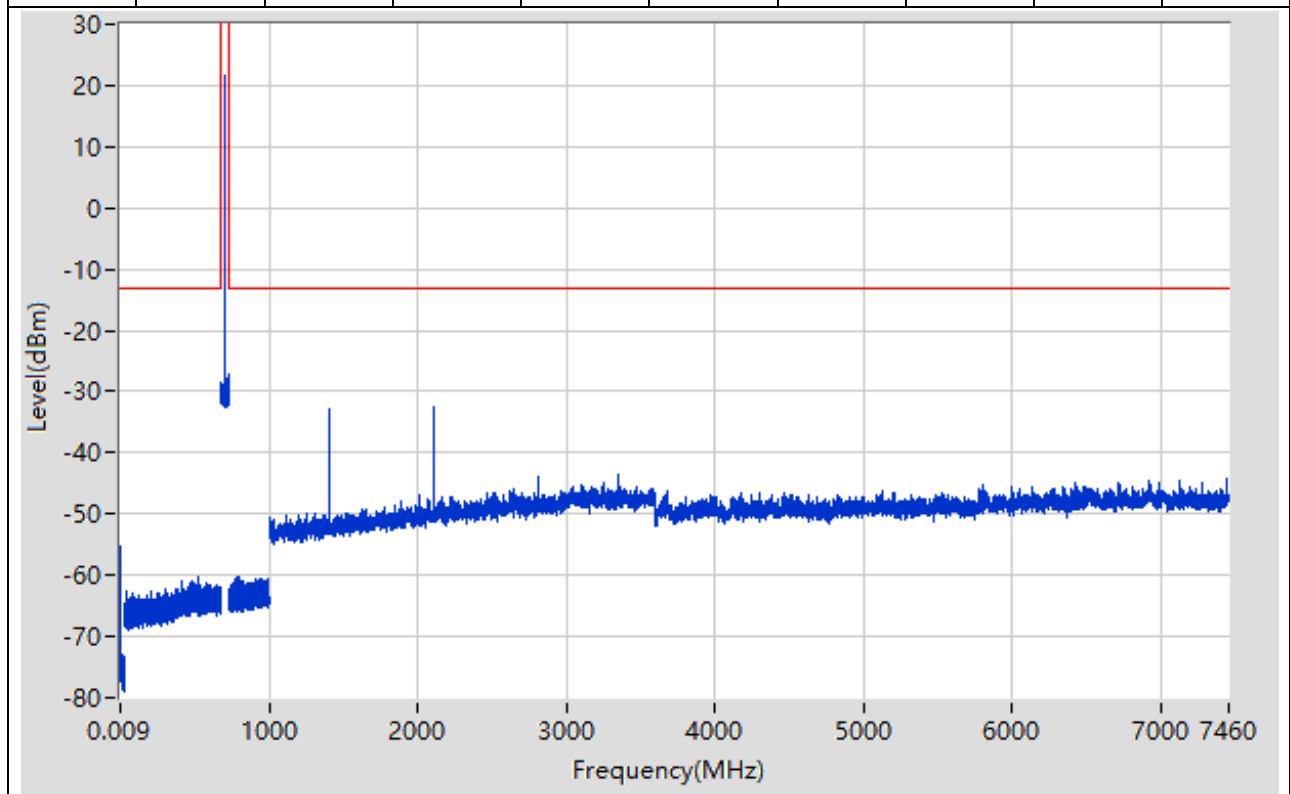
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.11      | -13         | 42.11       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.47      | -13         | 44.47       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 472.1           | -59.61      | -13         | 46.61       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 699.1           | 22.07       | 60          | 37.93       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 806.3           | -60.29      | -13         | 47.29       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2097            | -30.33      | -13         | 17.33       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5593            | -42.44      | -13         | 29.44       | Pass    | 4461        |



### 13.9. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:9, Channel:134091, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

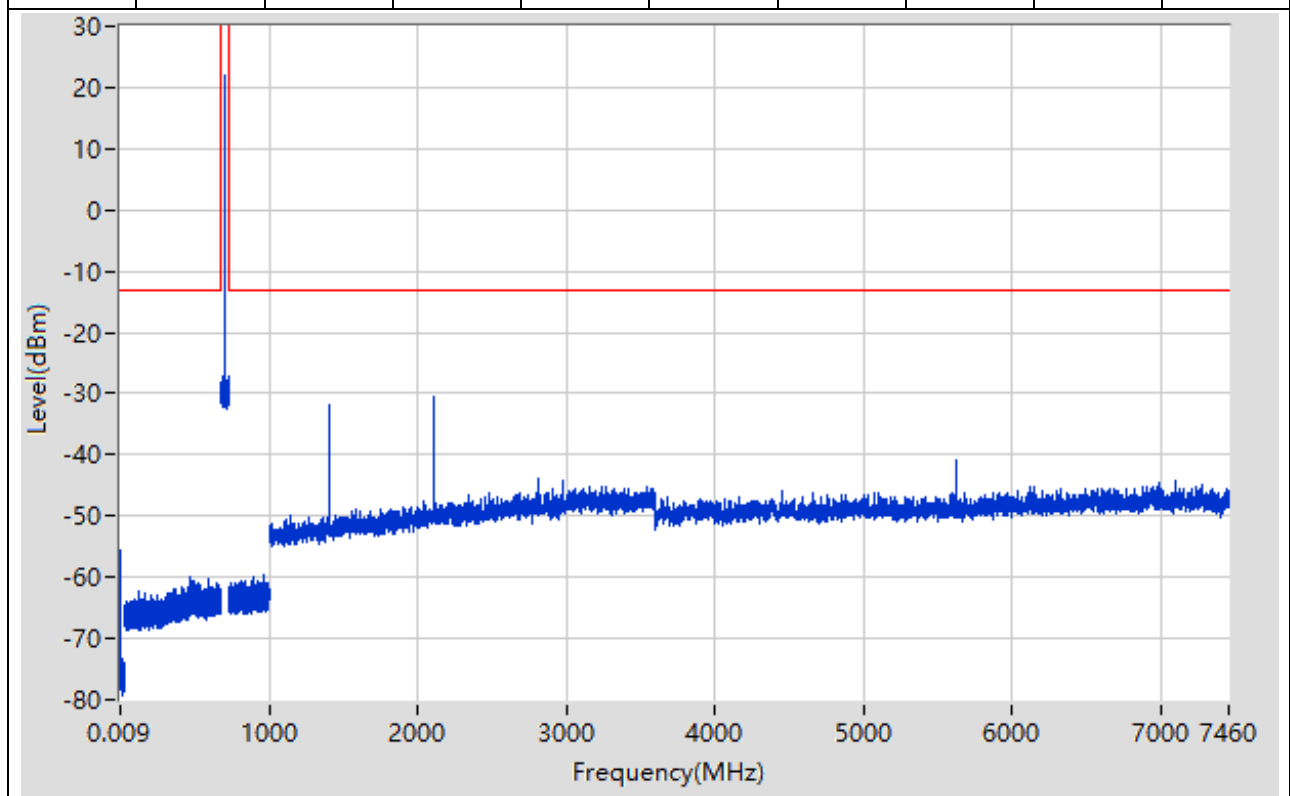
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -55.28      | -13         | 42.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.88      | -13         | 44.88       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 520.9           | -60.25      | -13         | 47.25       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 702.6           | 21.79       | 60          | 38.21       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 804.4           | -60.13      | -13         | 47.13       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2107            | -32.37      | -13         | 19.37       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 3353            | -43.58      | -13         | 30.58       | Pass    | 4461        |



### 13.10. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:10, Channel:134091, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

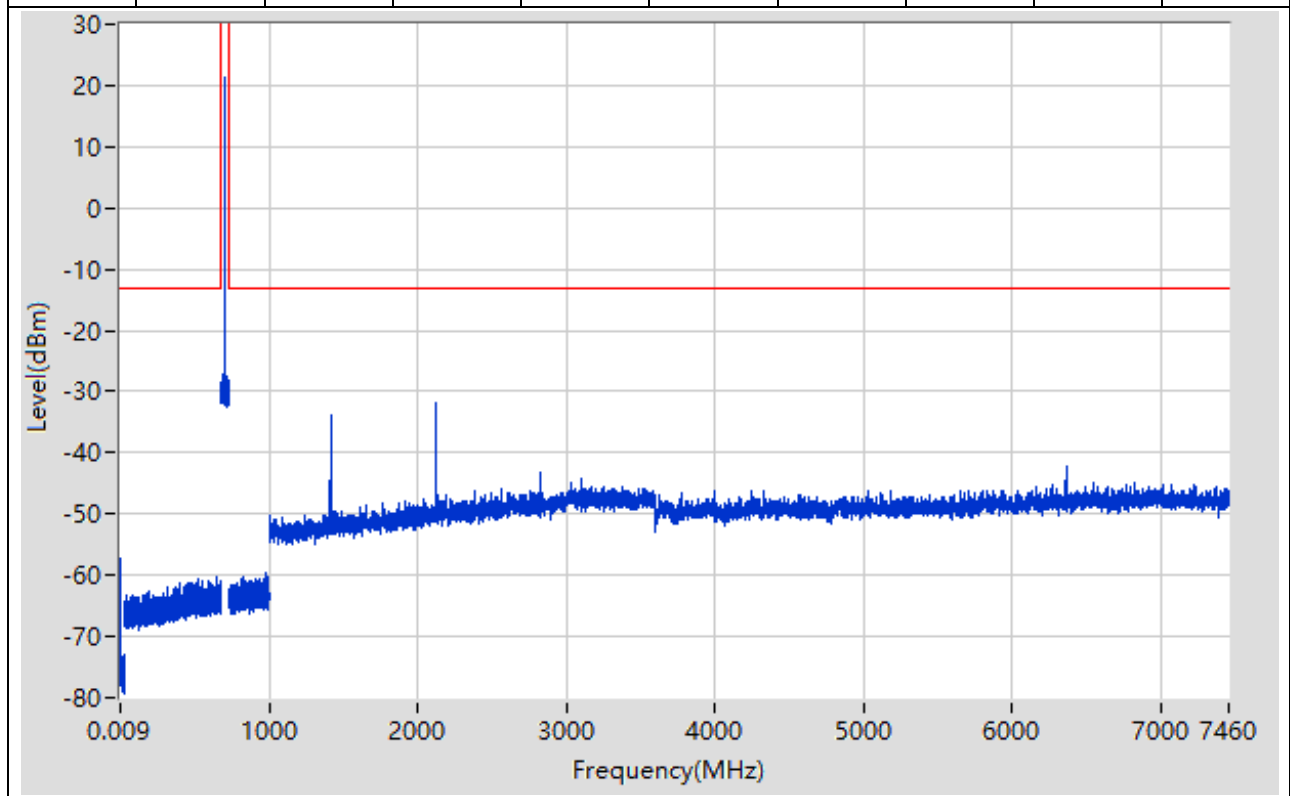
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.68      | -13         | 42.68       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.76      | -13         | 44.76       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 463.8           | -59.78      | -13         | 46.78       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 702.6           | 21.88       | 60          | 38.12       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 969.7           | -59.71      | -13         | 46.71       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2107            | -30.61      | -13         | 17.61       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5621            | -41         | -13         | 28          | Pass    | 4461        |



### 13.11. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:11, Channel:134131, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:5)

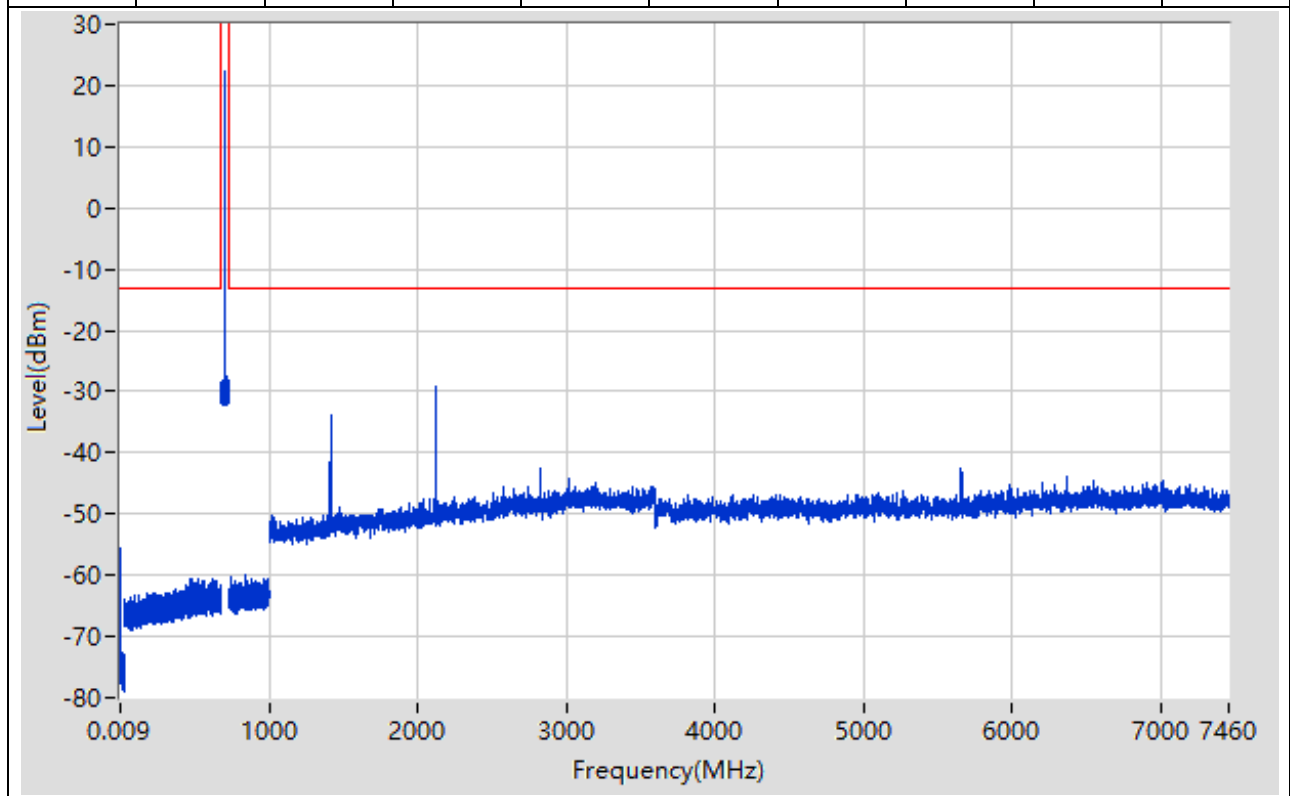
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -57.43      | -13         | 44.43       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.47      | -13         | 45.47       | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 643.5           | -60.42      | -13         | 47.42       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 707.5           | 21.23       | 60          | 38.77       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 981.8           | -59.64      | -13         | 46.64       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2122            | -32.01      | -13         | 19.01       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 6368            | -42.1       | -13         | 29.1        | Pass    | 4461        |



### 13.12. Cat-M Spurious Emission at Antenna

Terminals\_Part22-24-27(NTNV)(Subtest:12, Channel:134131, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:5)

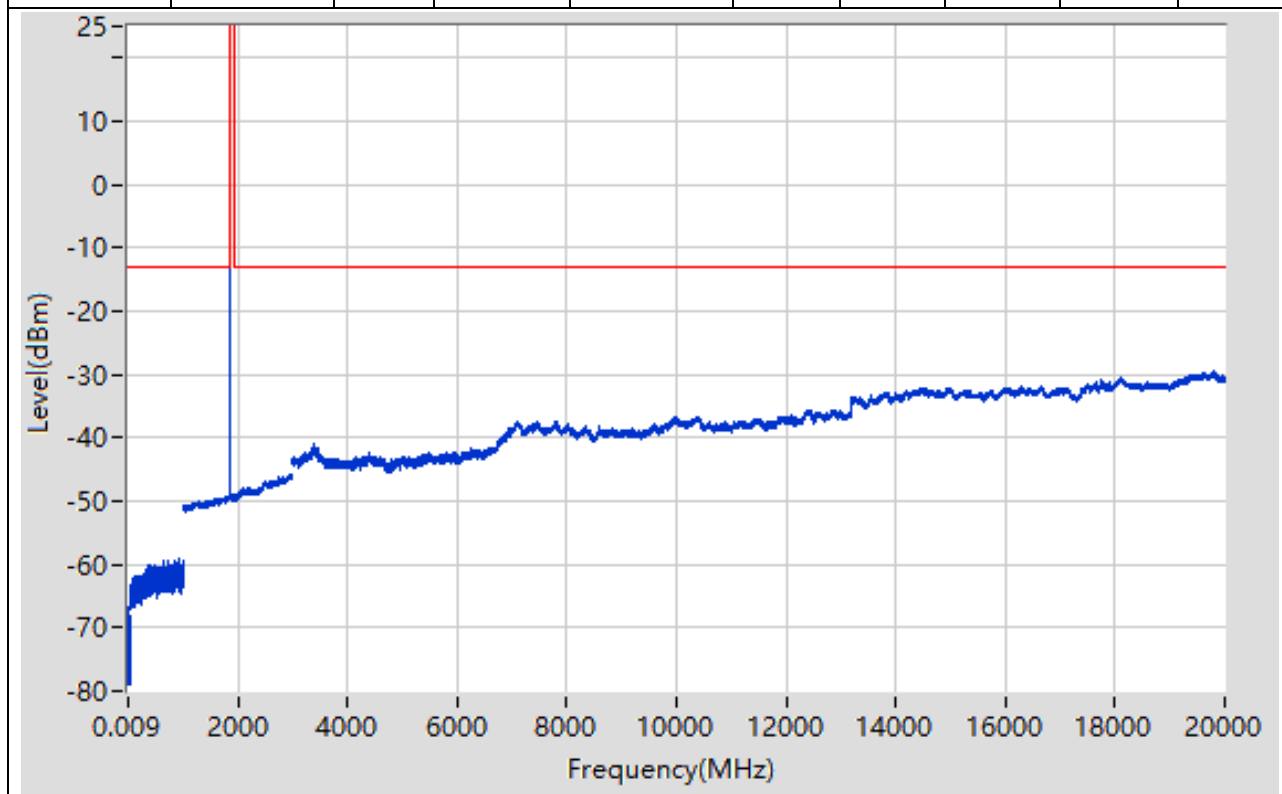
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -55.66      | -13         | 42.66       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.1       | -13         | 44.1        | Pass    | 2986        |
| 30                    | 678                  | 0.1       | RMS      | 528.3           | -60.51      | -13         | 47.51       | Pass    | 6481        |
| 678                   | 736                  | 0.1       | RMS      | 707.5           | 22.18       | 60          | 37.82       | Pass    | 581         |
| 736                   | 1000                 | 0.1       | RMS      | 842.9           | -59.95      | -13         | 46.95       | Pass    | 2641        |
| 1000                  | 3000                 | 1         | RMS      | 2125            | -29.23      | -13         | 16.23       | Pass    | 2001        |
| 3000                  | 7460                 | 1         | RMS      | 5660            | -42.66      | -13         | 29.66       | Pass    | 4461        |



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@0\_Low

### 14.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

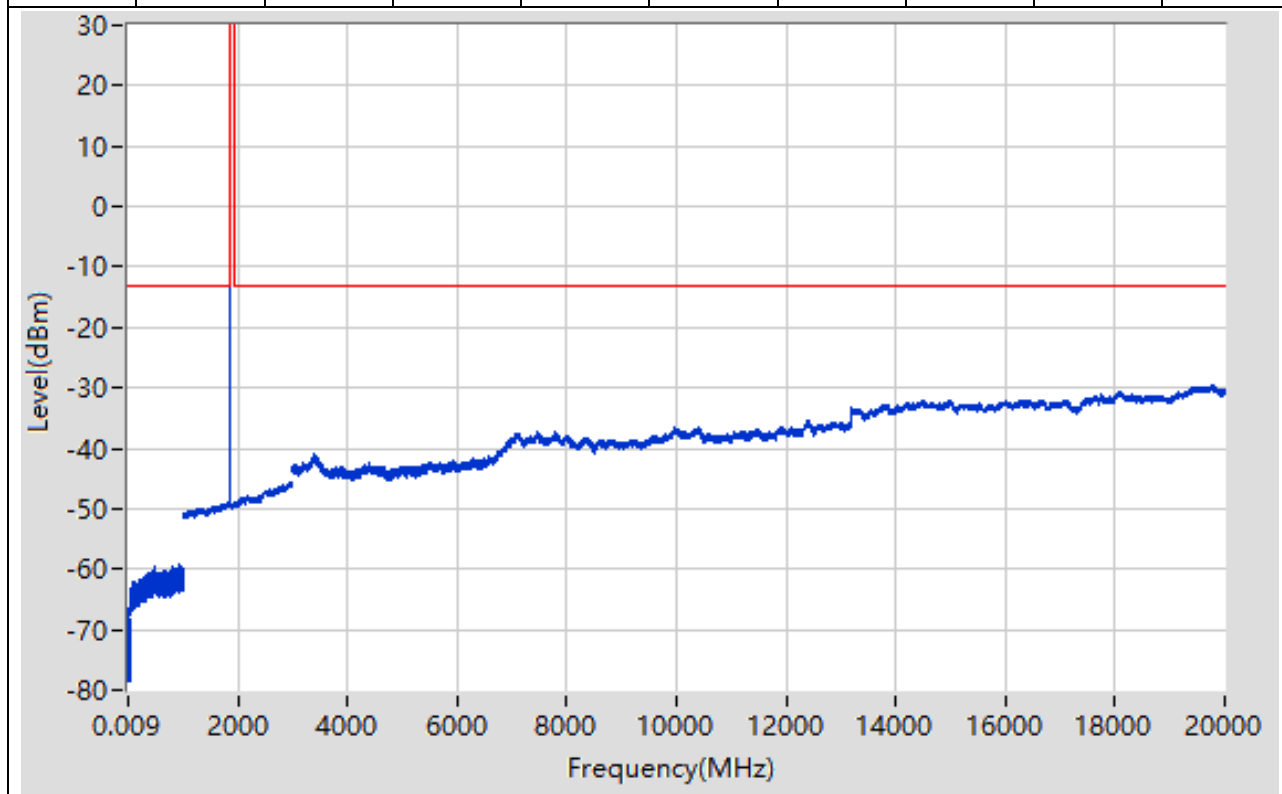
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.78      | -13         | 53.78       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.22            | -67.74      | -13         | 54.74       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 921.748         | -58.98      | -13         | 45.98       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1838            | -48.9       | -13         | 35.9        | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1849.8          | 19.84       | 60          | 40.16       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2957            | -45.72      | -13         | 32.72       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19795           | -29.58      | -13         | 16.58       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@0\_Low

### 14.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

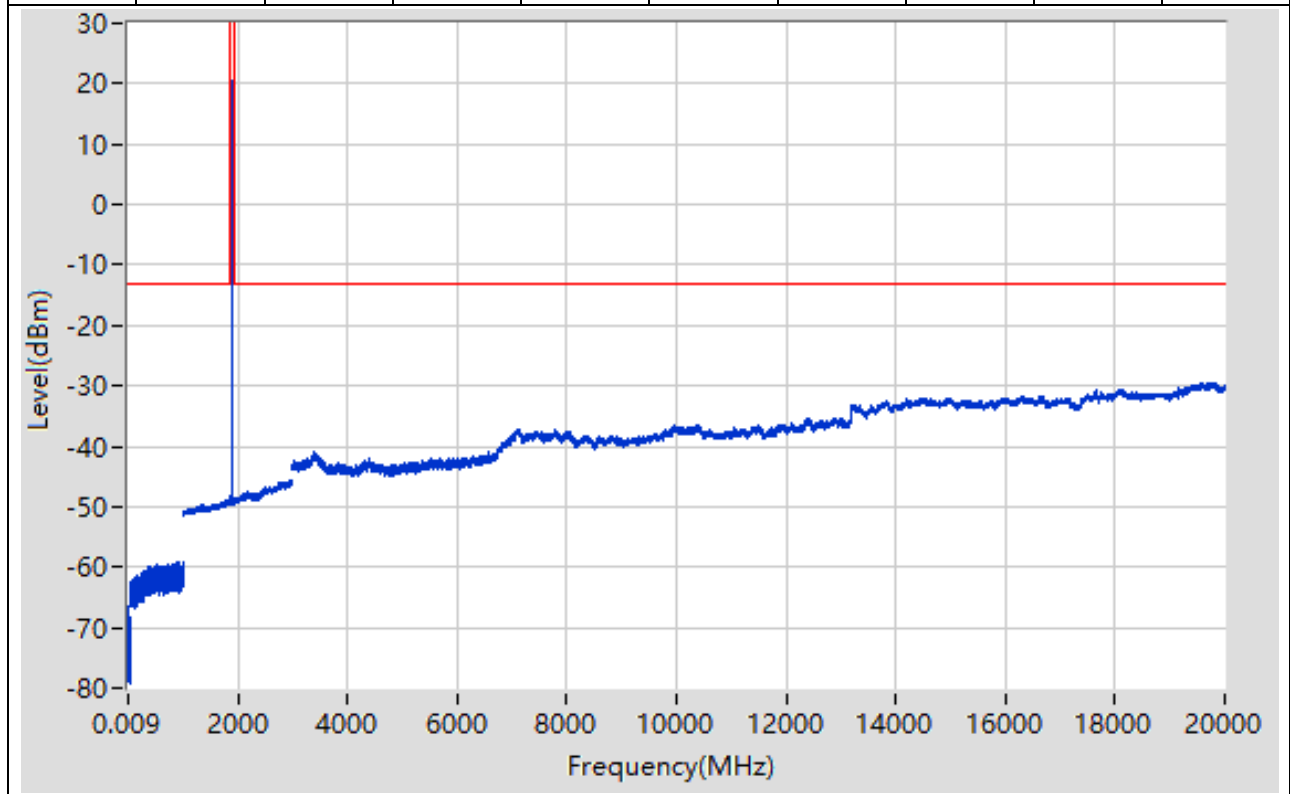
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.015           | -66.55      | -13         | 53.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.76           | -68.34      | -13         | 55.34       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 912.842         | -59.22      | -13         | 46.22       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1832            | -49.05      | -13         | 36.05       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850            | 20.63       | 60          | 39.37       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2935            | -45.57      | -13         | 32.57       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19787           | -29.49      | -13         | 16.49       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@0\_Mid

### 14.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

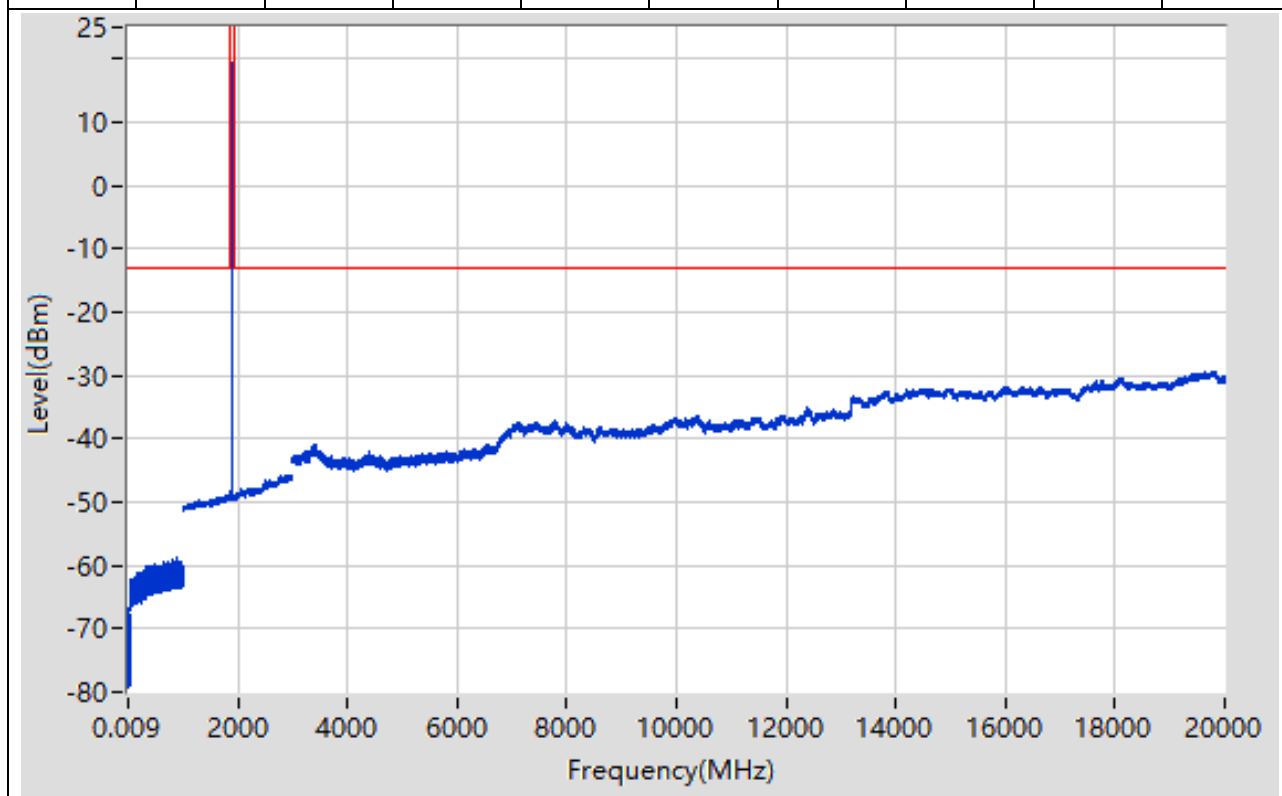
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -66.45      | -13         | 53.45       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 2.02            | -68.29      | -13         | 55.29       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 994.496         | -59.2       | -13         | 46.2        | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1794            | -48.97      | -13         | 35.97       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1880            | 20.58       | 60          | 39.42       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2964            | -45.49      | -13         | 32.49       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19818           | -29.47      | -13         | 16.47       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@0\_Mid

### 14.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

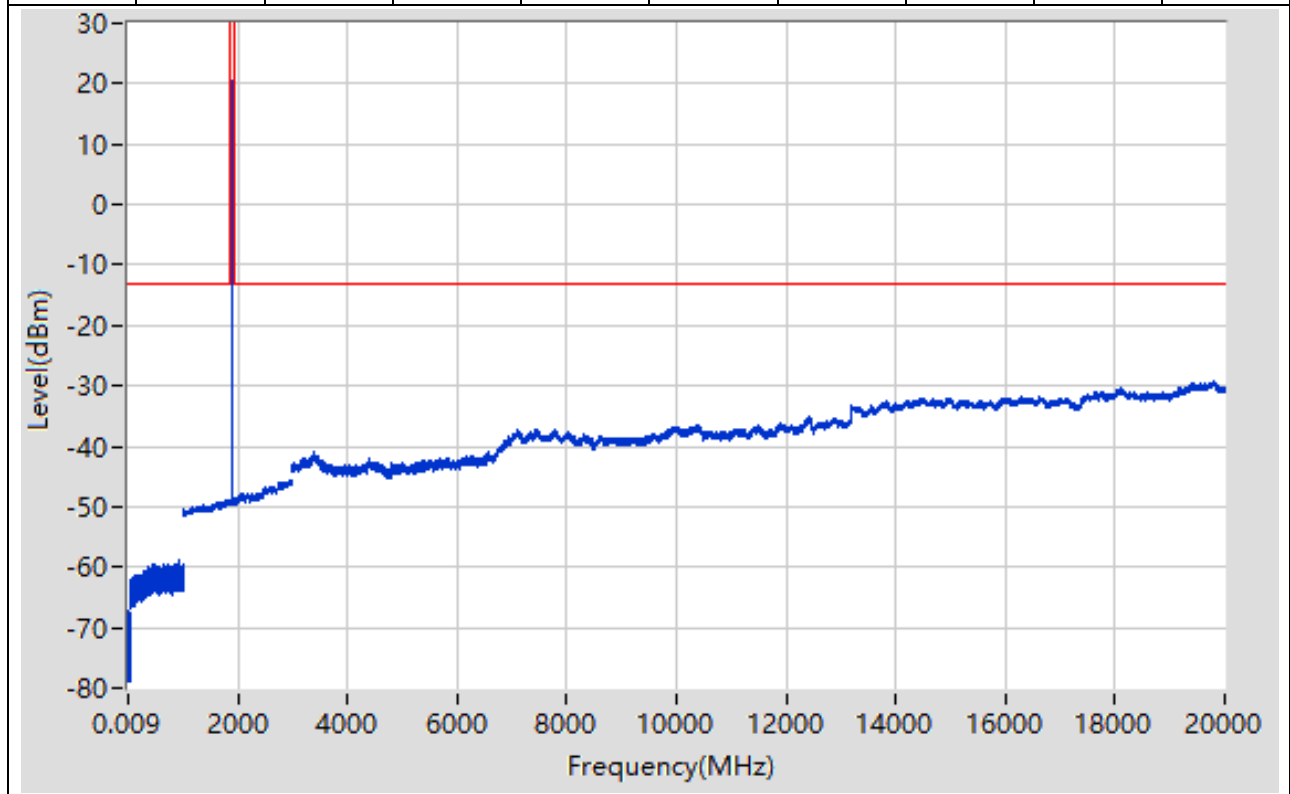
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -66.79      | -13         | 53.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.32           | -67.8       | -13         | 54.8        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 875.417         | -58.77      | -13         | 45.77       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1826            | -48.86      | -13         | 35.86       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1879.8          | 19.5        | 60          | 40.5        | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2978            | -45.68      | -13         | 32.68       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19774           | -29.3       | -13         | 16.3        | Pass    | 17003       |



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@0\_High

### 14.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

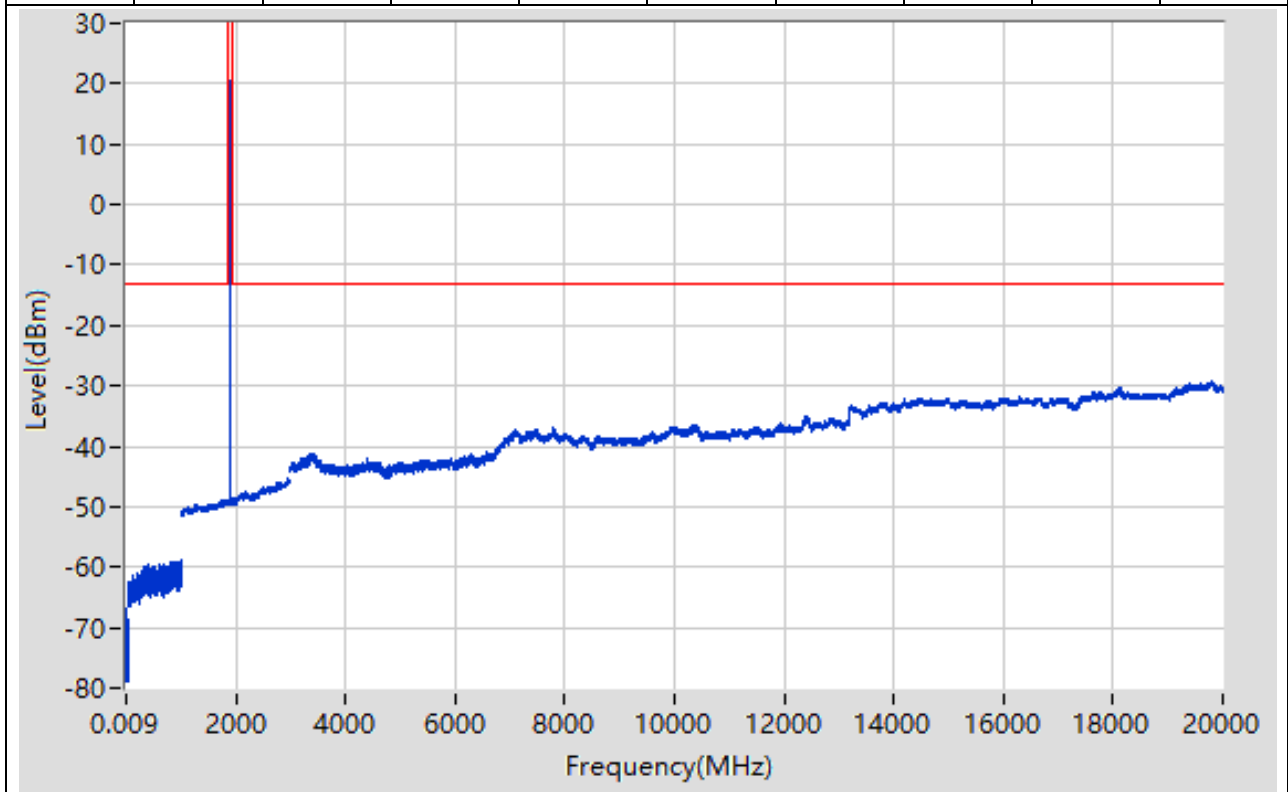
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -67.28      | -13         | 54.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 25.93           | -67.59      | -13         | 54.59       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 910.841         | -58.82      | -13         | 45.82       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1794            | -48.84      | -13         | 35.84       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1909.8          | 20.58       | 60          | 39.42       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2960            | -45.57      | -13         | 32.57       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19809           | -29.2       | -13         | 16.2        | Pass    | 17003       |



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@0\_High

### 14.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

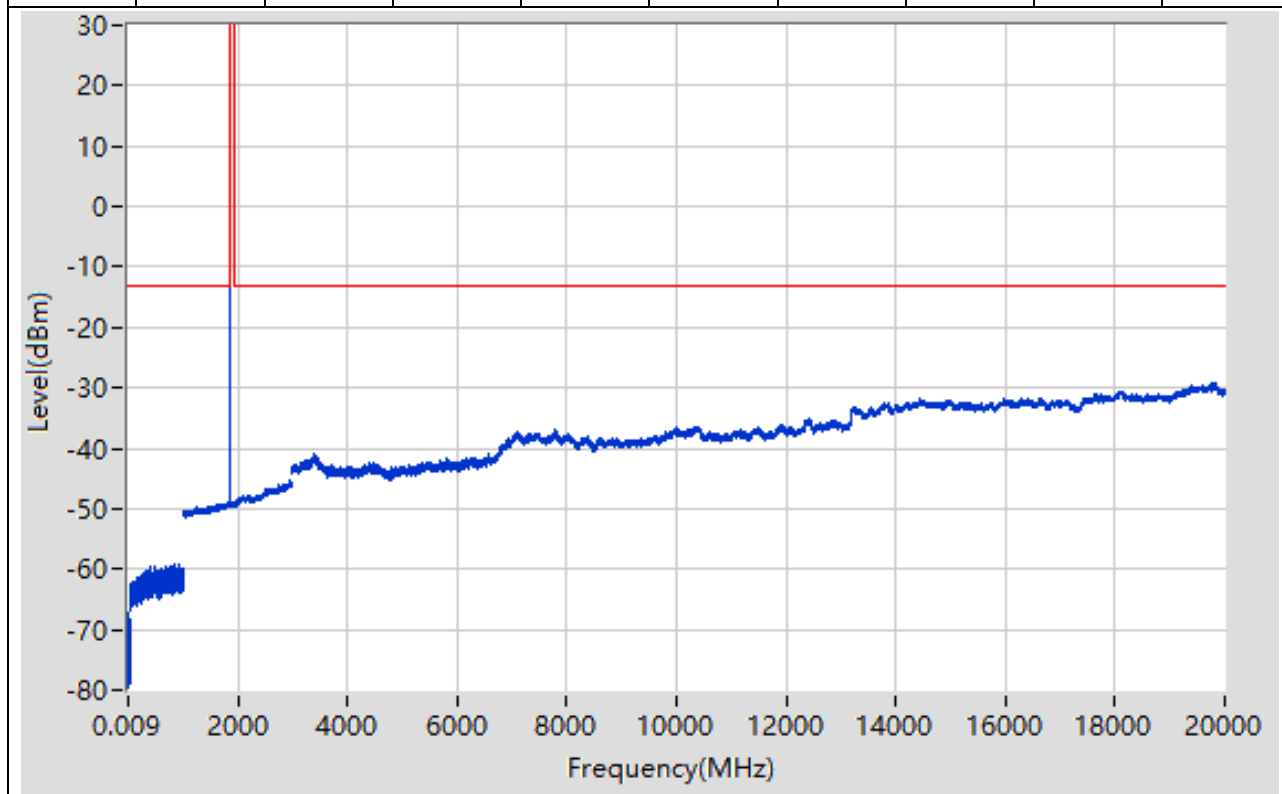
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -66.66      | -13         | 53.66       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 11.26           | -68.28      | -13         | 55.28       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 989.693         | -58.98      | -13         | 45.98       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1824            | -49.03      | -13         | 36.03       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1909.8          | 20.45       | 60          | 39.55       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2961            | -45.45      | -13         | 32.45       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19798           | -29.1       | -13         | 16.1        | Pass    | 17003       |



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@0\_Low

### 14.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

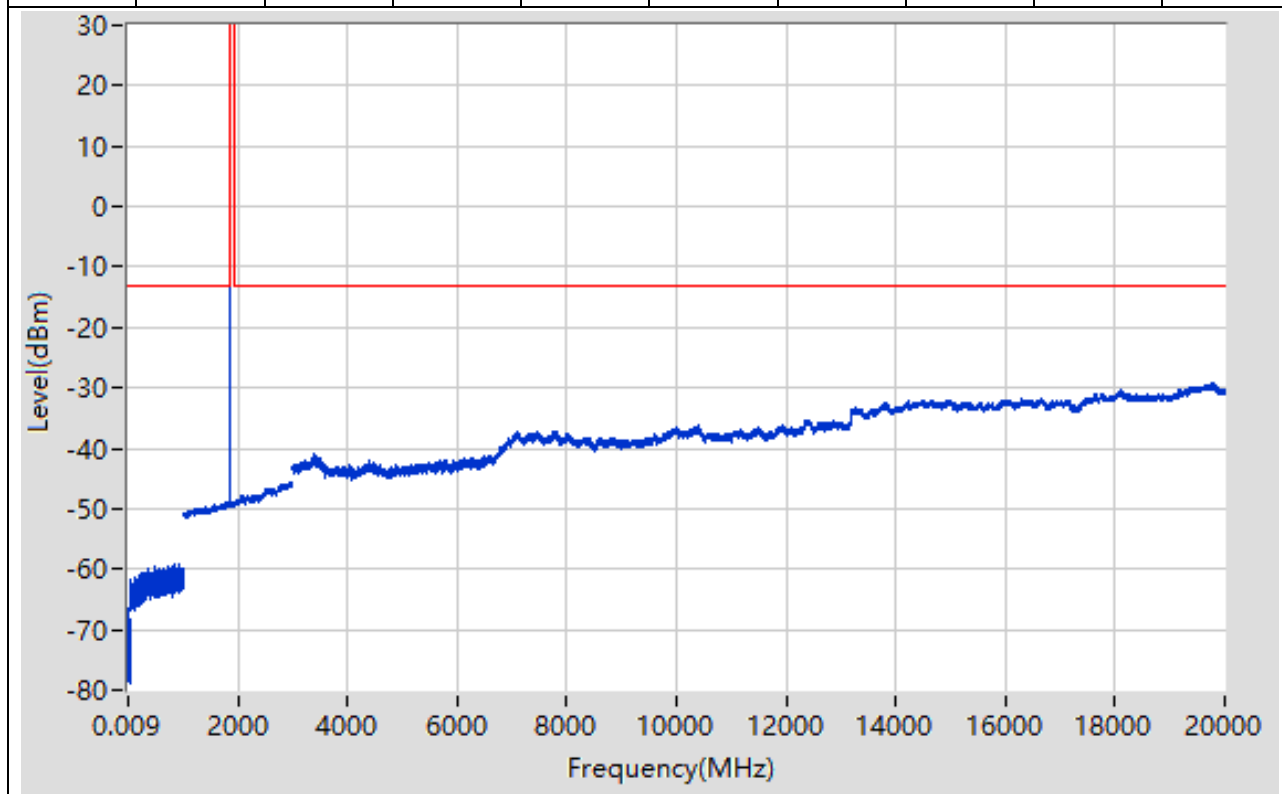
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.018           | -67.23      | -13         | 54.23       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.29            | -68.01      | -13         | 55.01       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 831.1           | -59.16      | -13         | 46.16       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1818            | -48.9       | -13         | 35.9        | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1850.2          | 21.07       | 60          | 38.93       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2951            | -45.43      | -13         | 32.43       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19768           | -29.22      | -13         | 16.22       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@0\_Low

### 14.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

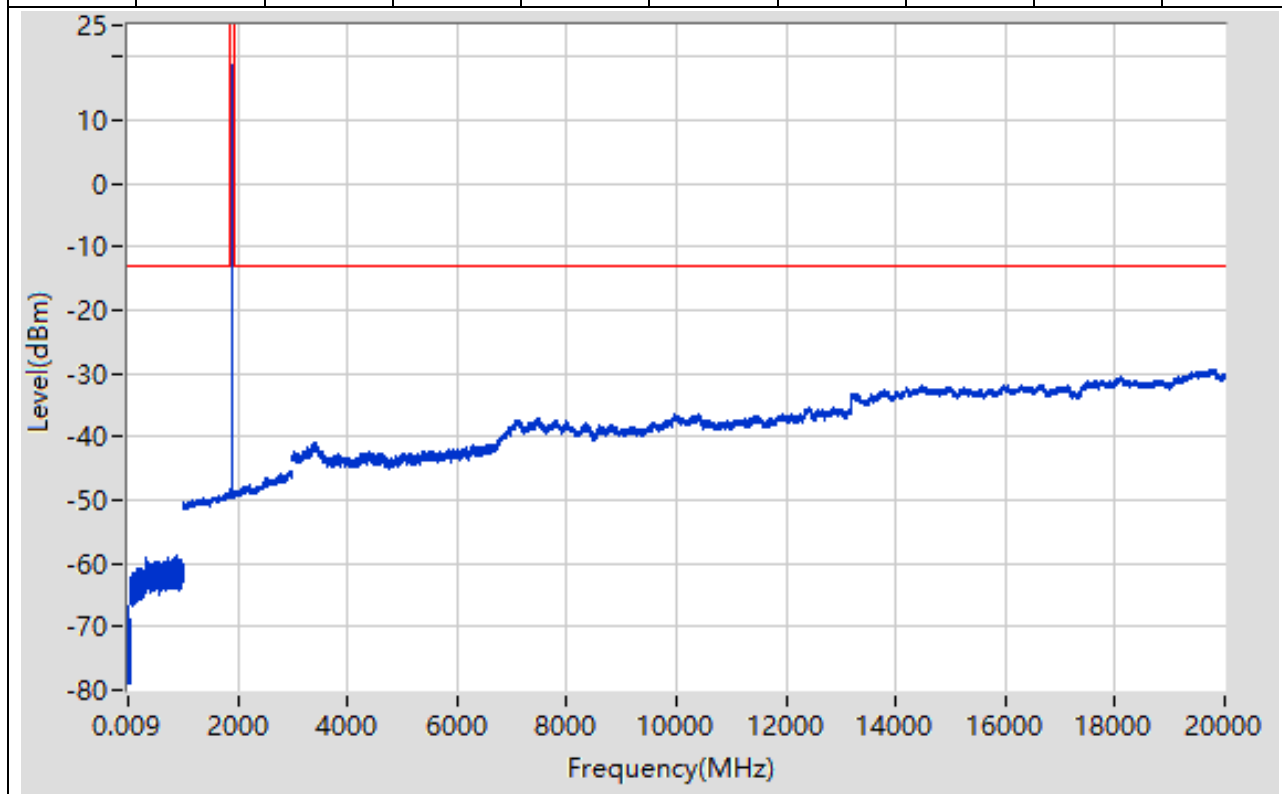
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -66.55      | -13         | 53.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.68            | -67.84      | -13         | 54.84       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 926.651         | -59.09      | -13         | 46.09       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1814            | -48.83      | -13         | 35.83       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1849.8          | 20.26       | 60          | 39.74       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2972            | -45.66      | -13         | 32.66       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19773           | -29.19      | -13         | 16.19       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@0\_Mid

### 14.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

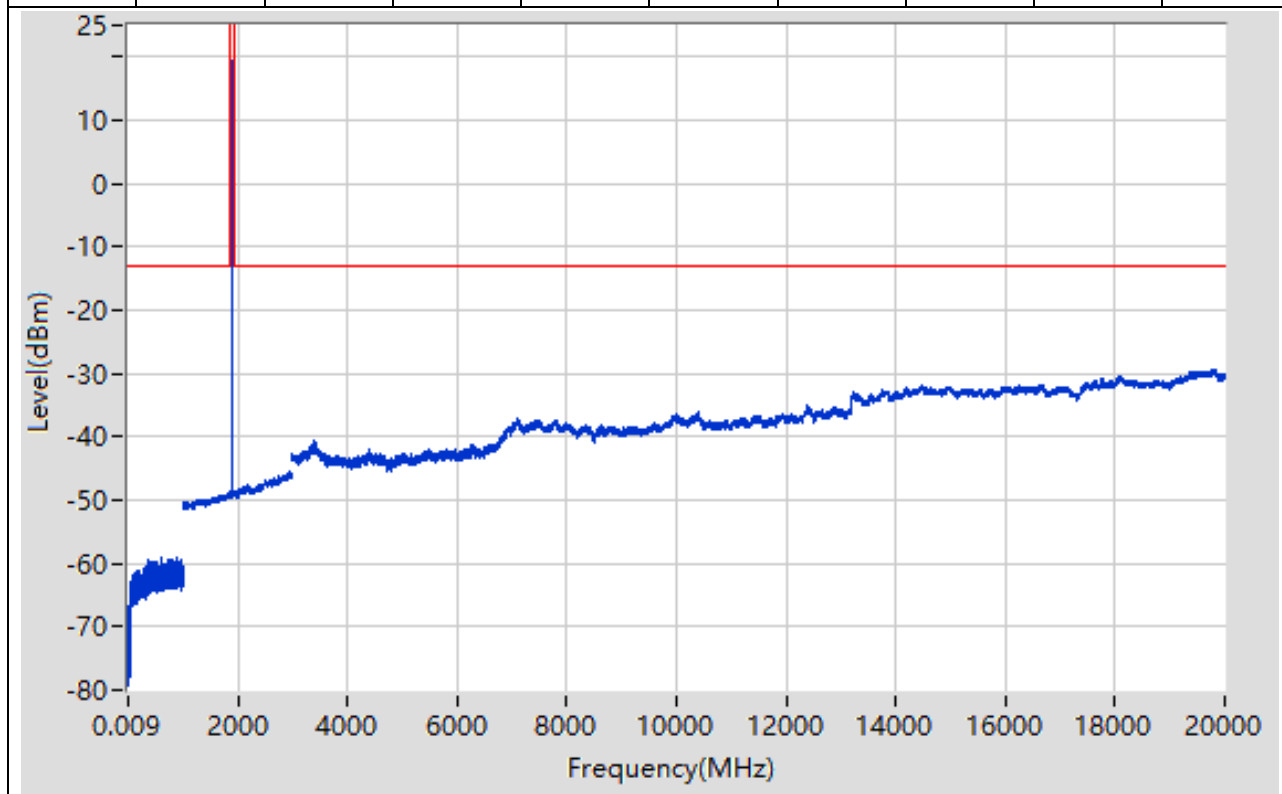
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -66.66      | -13         | 53.66       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.22            | -67.92      | -13         | 54.92       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 893.73          | -58.85      | -13         | 45.85       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1791            | -48.84      | -13         | 35.84       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1880.4          | 18.89       | 60          | 41.11       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2966            | -45.47      | -13         | 32.47       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19792           | -29.37      | -13         | 16.37       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@0\_Mid

### 14.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

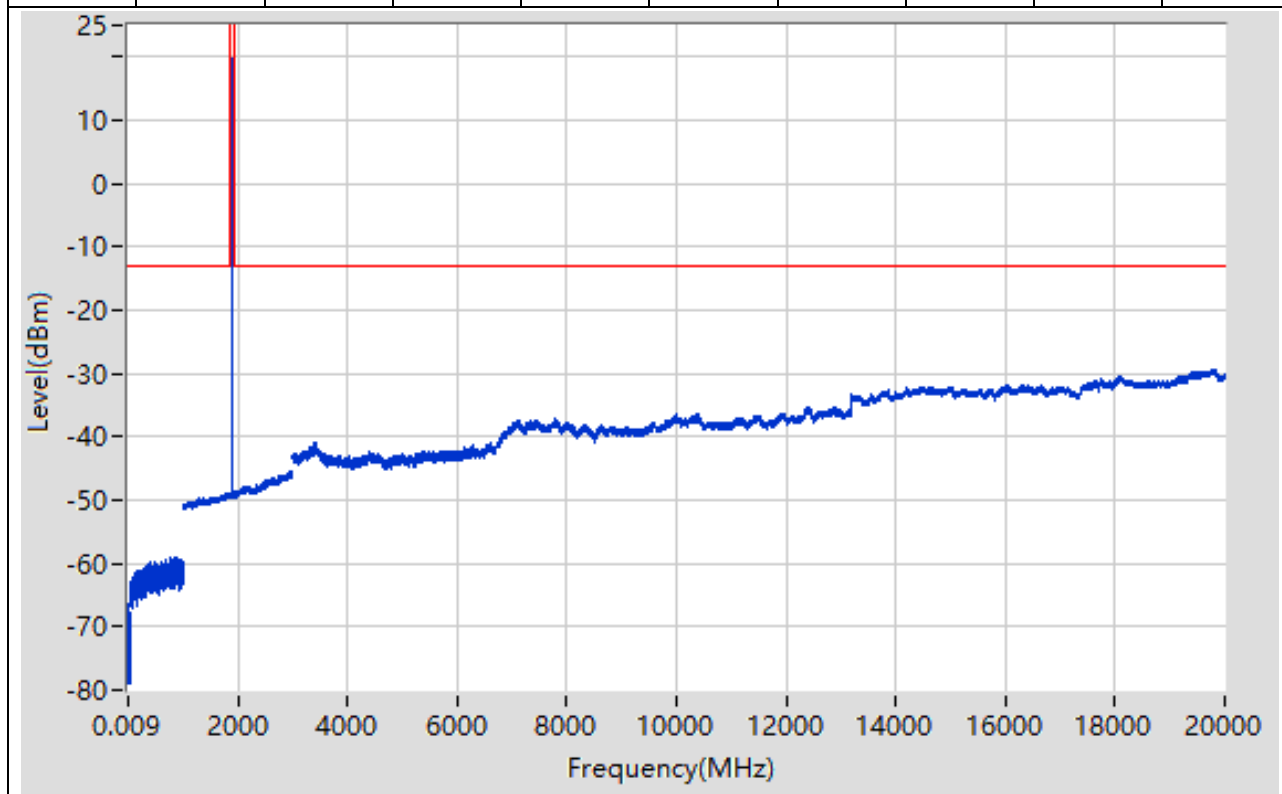
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.88      | -13         | 53.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.8            | -67.69      | -13         | 54.69       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 614.1           | -59.14      | -13         | 46.14       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1800            | -48.94      | -13         | 35.94       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1879.8          | 19.47       | 60          | 40.53       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2961            | -45.43      | -13         | 32.43       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19786           | -29.31      | -13         | 16.31       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@0\_High

### 14.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

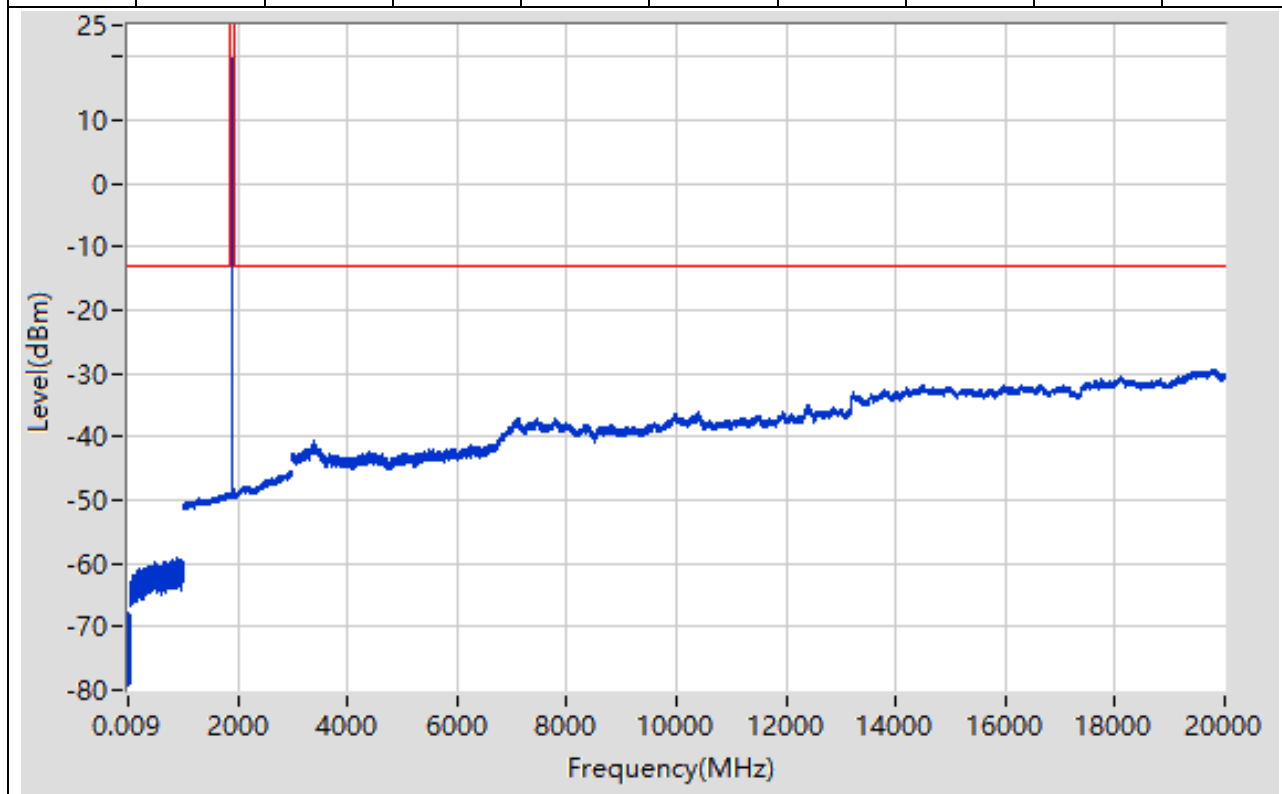
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -66.42      | -13         | 53.42       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.69            | -67.92      | -13         | 54.92       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 775.4           | -59.05      | -13         | 46.05       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1805            | -48.9       | -13         | 35.9        | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1910            | 19.91       | 60          | 40.09       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2960            | -45.51      | -13         | 32.51       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19805           | -29.26      | -13         | 16.26       | Pass    | 17003       |



## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@0\_High

### 14.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

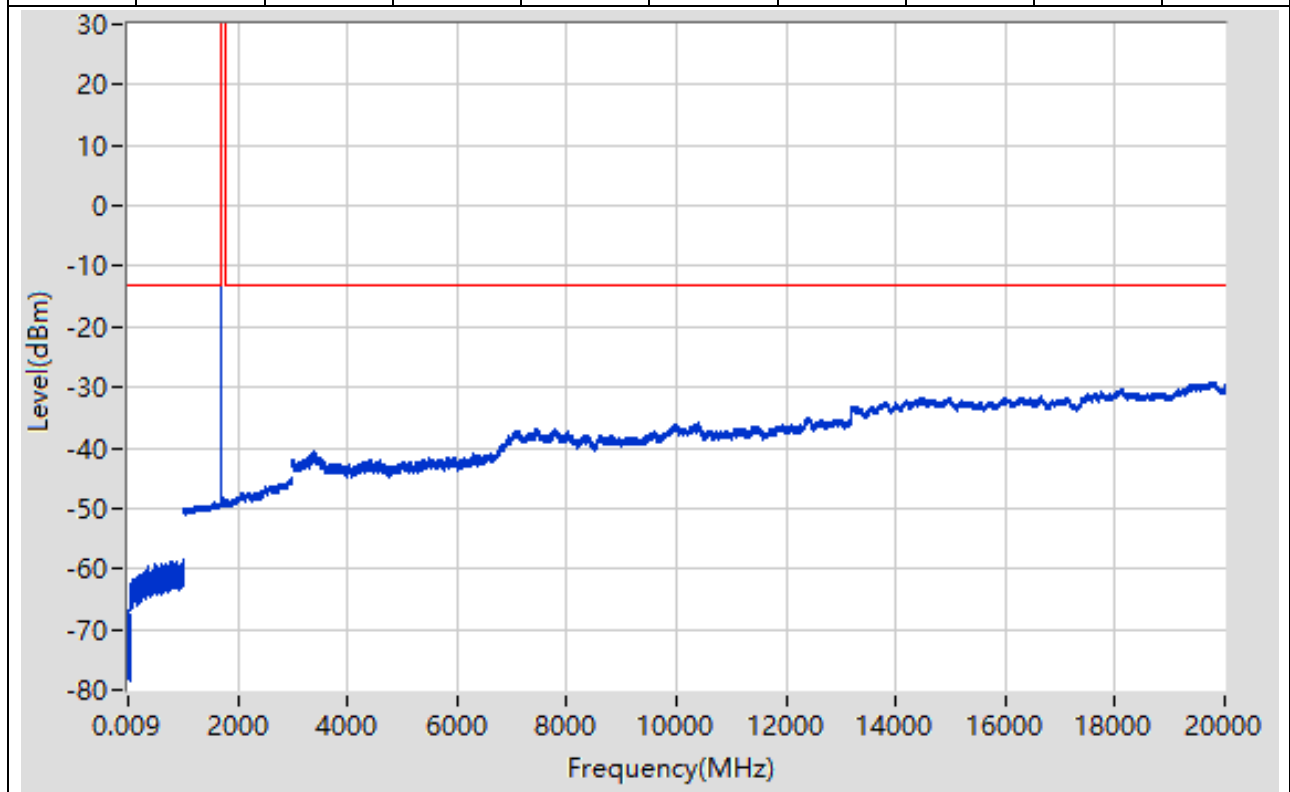
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.82      | -13         | 54.82       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.68           | -68.06      | -13         | 55.06       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 896.331         | -59.03      | -13         | 46.03       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1799            | -48.87      | -13         | 35.87       | Pass    | 841         |
| 1840                  | 1920                 | 1         | RMS      | 1910.2          | 19.79       | 60          | 40.21       | Pass    | 401         |
| 1920                  | 3000                 | 1         | RMS      | 2955            | -45.38      | -13         | 32.38       | Pass    | 1081        |
| 3000                  | 20000                | 1         | RMS      | 19810           | -29.32      | -13         | 16.32       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@0\_Low

### 15.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

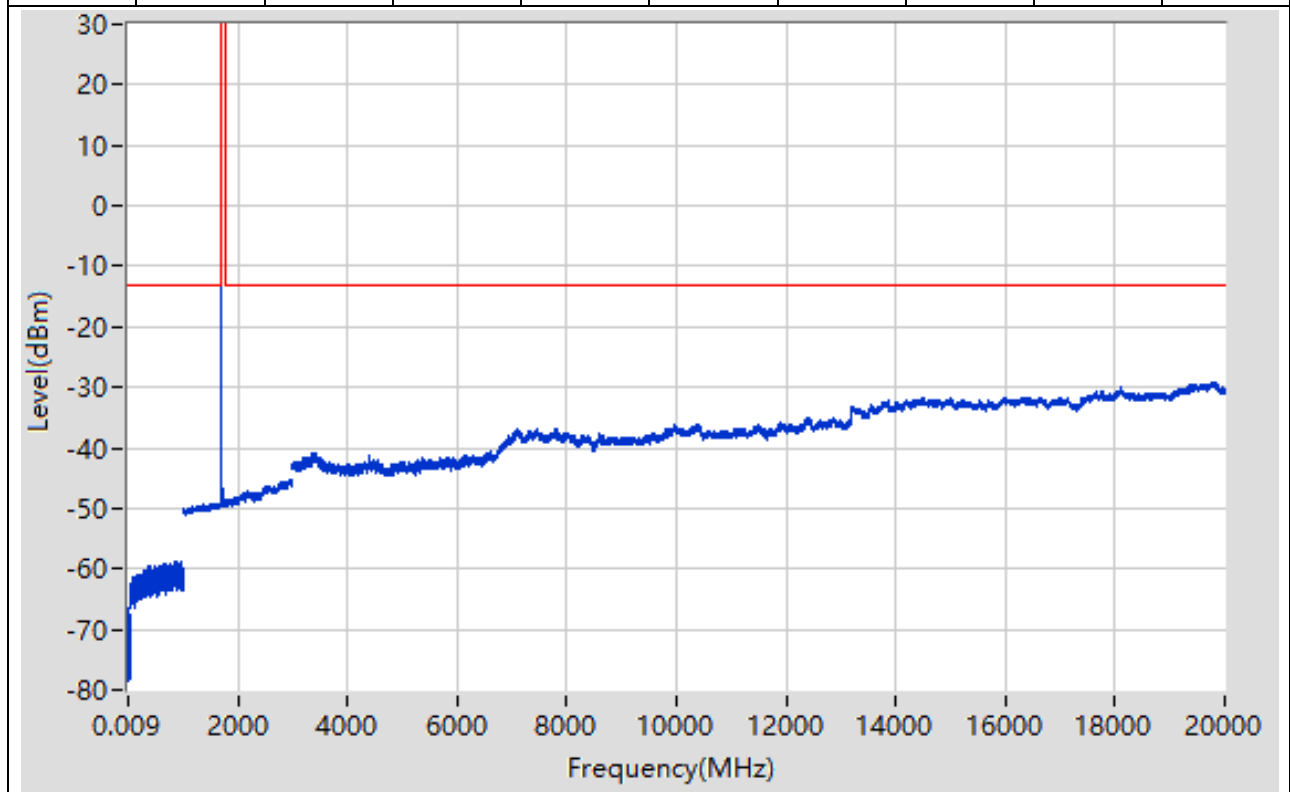
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -66.74      | -13         | 53.74       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.66           | -67.36      | -13         | 54.36       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 996.498         | -58.34      | -13         | 45.34       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1688            | -49.06      | -13         | 36.06       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.075        | 21.86       | 60          | 38.14       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2984            | -45.05      | -13         | 32.05       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19784           | -29.07      | -13         | 16.07       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@0\_Low

### 15.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

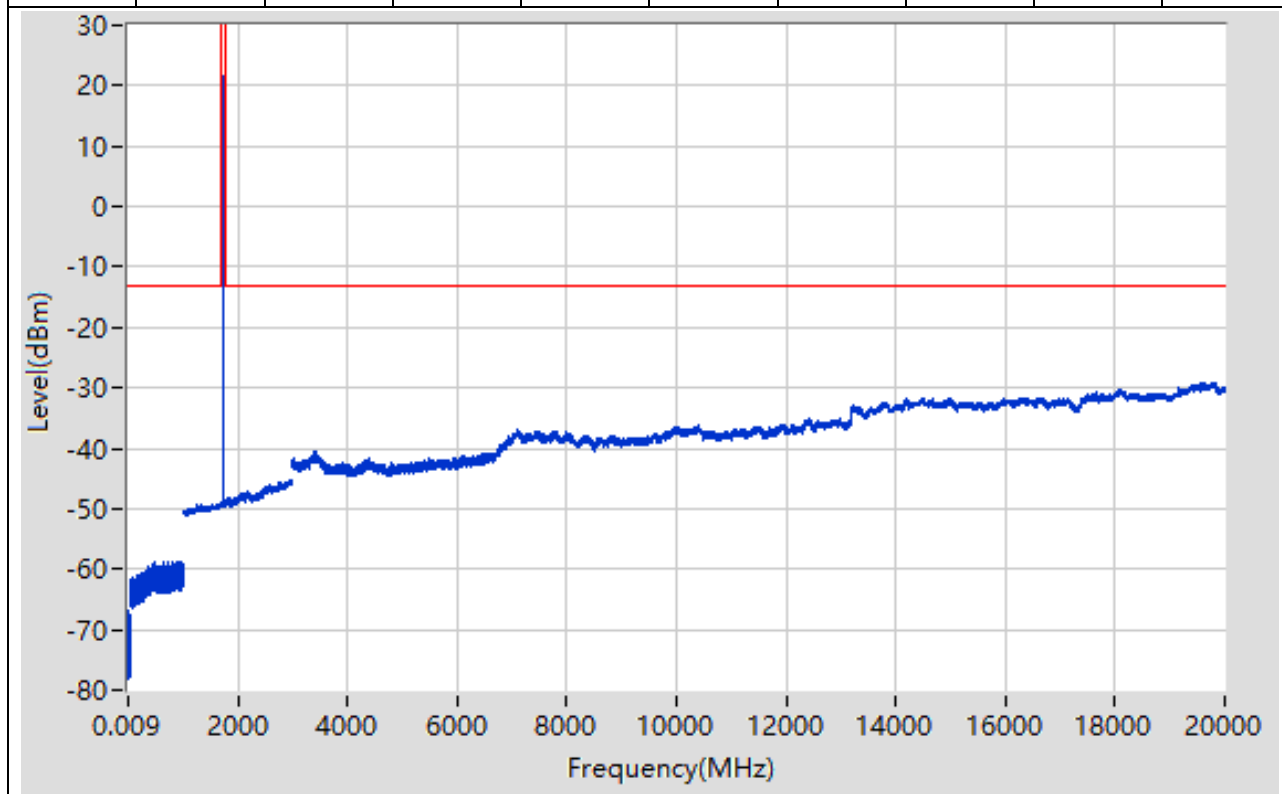
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -66.52      | -13         | 53.52       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.15           | -67.74      | -13         | 54.74       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 876.518         | -58.75      | -13         | 45.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1699            | -48.48      | -13         | 35.48       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.075        | 21.9        | 60          | 38.1        | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2964            | -45.18      | -13         | 32.18       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19787           | -29.05      | -13         | 16.05       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@0\_Mid

### 15.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

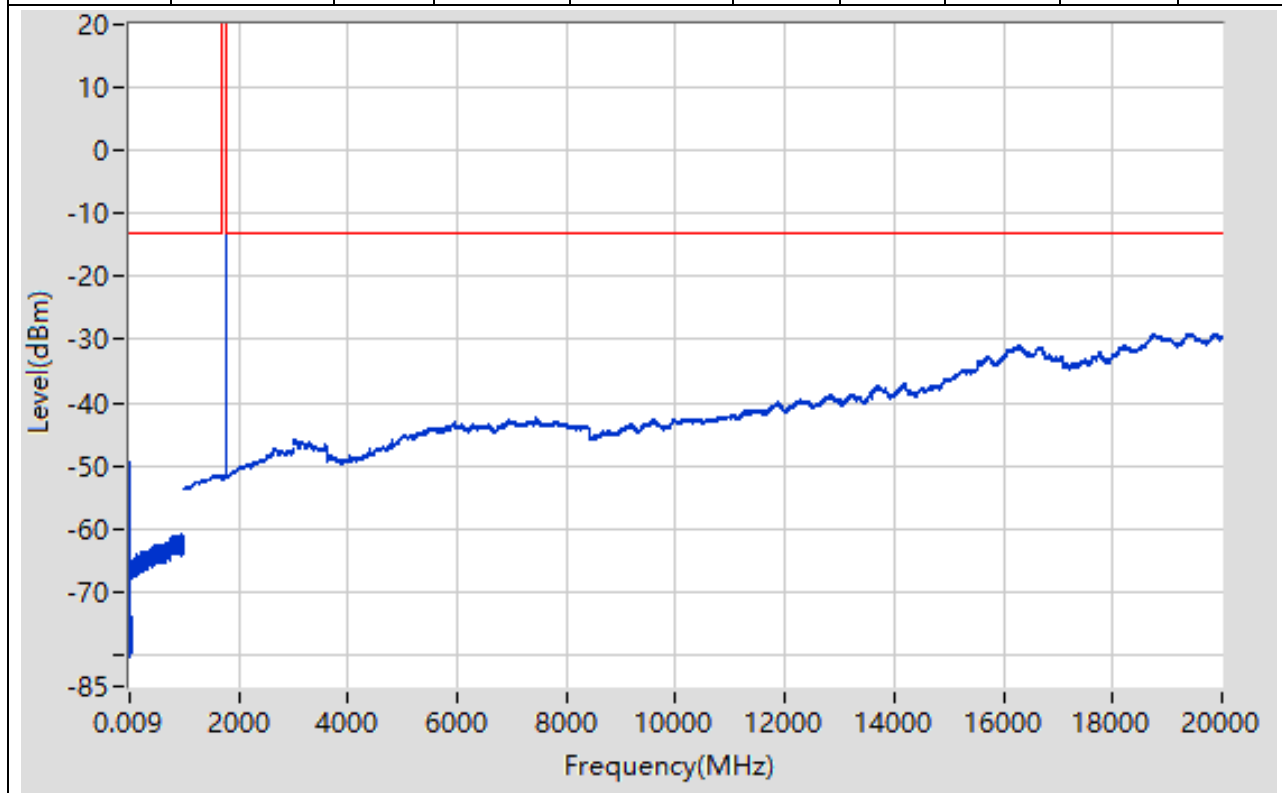
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.92      | -13         | 53.92       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.87            | -67.33      | -13         | 54.33       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 476.8           | -58.64      | -13         | 45.64       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1688            | -48.97      | -13         | 35.97       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1732.5          | 21.7        | 60          | 38.3        | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2959            | -45.21      | -13         | 32.21       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19792           | -29.21      | -13         | 16.21       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@0\_Mid

### 15.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

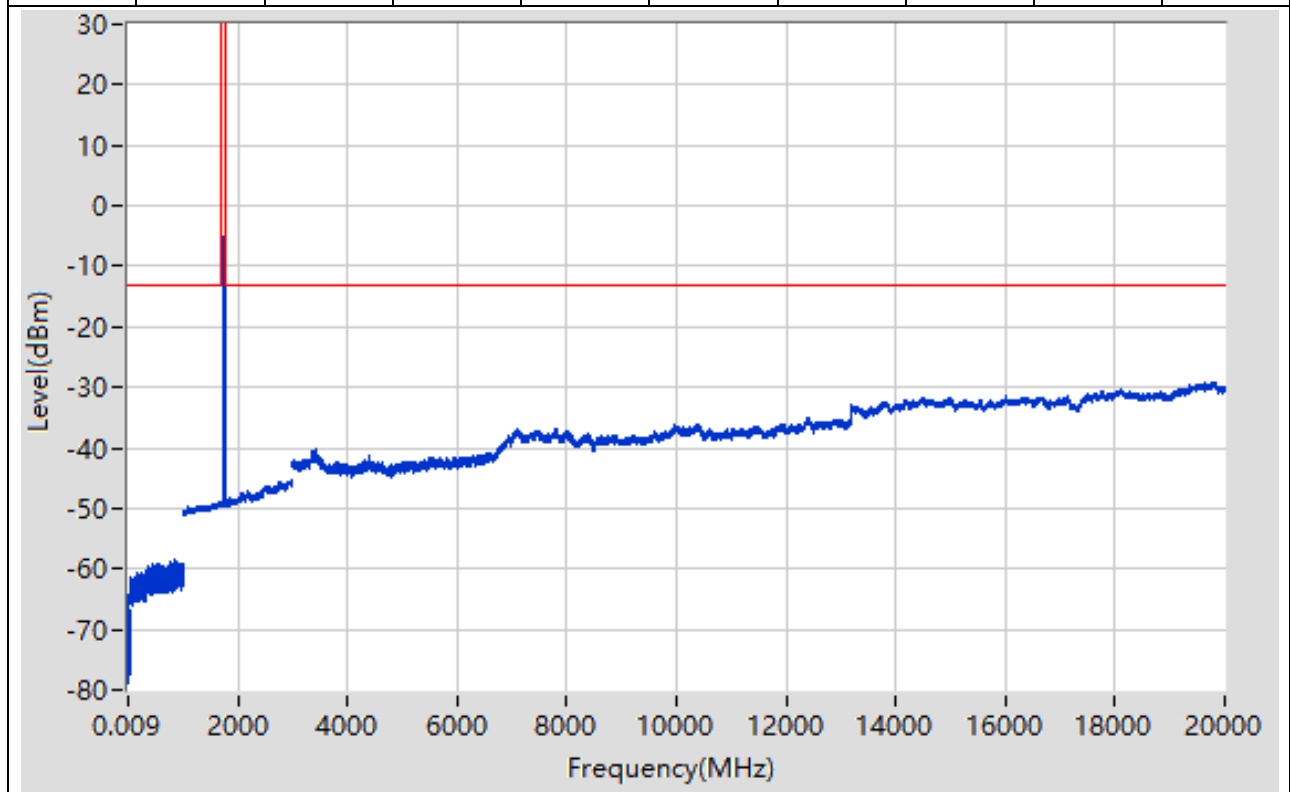
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -49.31      | -13         | 36.31       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.51      | -13         | 44.51       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 951.1           | -60.97      | -13         | 47.97       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1672            | -51.54      | -13         | 38.54       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1754.763        | 13.4        | 60          | 46.6        | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2999            | -47.33      | -13         | 34.33       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19366           | -28.96      | -13         | 15.96       | Pass    | 17001       |



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@0\_High

### 15.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

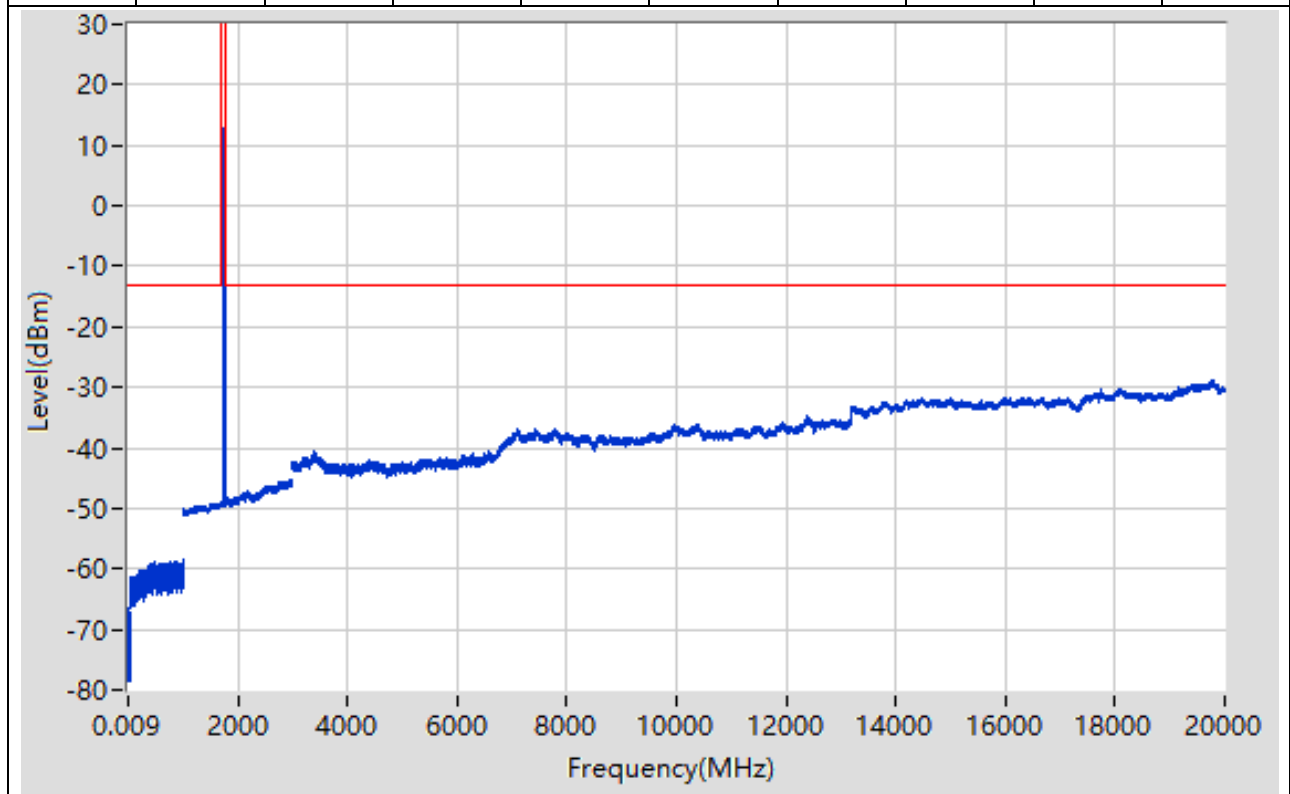
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -64.43      | -13         | 51.43       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 25.4            | -66.79      | -13         | 53.79       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 838.7           | -58.53      | -13         | 45.53       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1672            | -49.09      | -13         | 36.09       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1754.763        | 21.63       | 60          | 38.37       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 3000            | -45.2       | -13         | 32.2        | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19795           | -29.09      | -13         | 16.09       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@0\_High

### 15.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

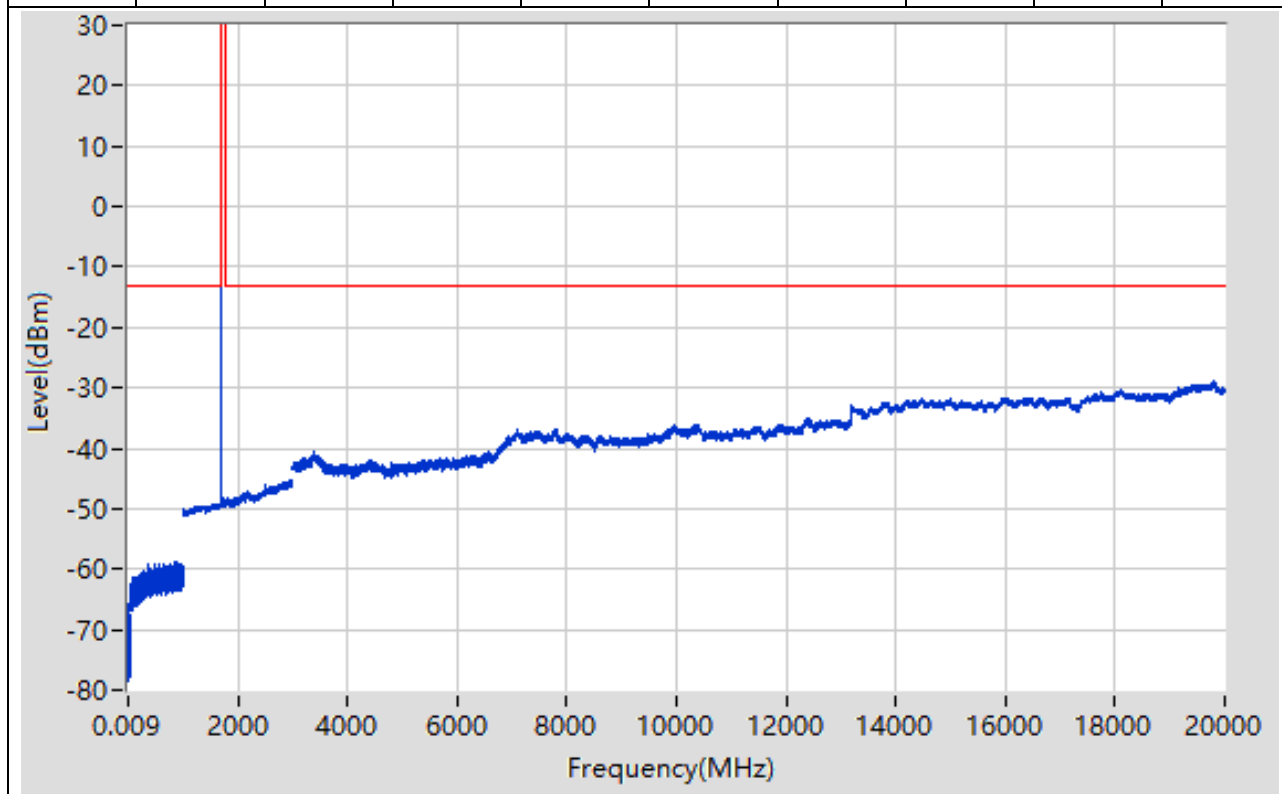
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -66.46      | -13         | 53.46       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 22.19           | -67.14      | -13         | 54.14       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 998.999         | -58.6       | -13         | 45.6        | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1698            | -49.08      | -13         | 36.08       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1754.925        | 21.59       | 60          | 38.41       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2975            | -45.3       | -13         | 32.3        | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19792           | -28.87      | -13         | 15.87       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@0\_Low

### 15.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

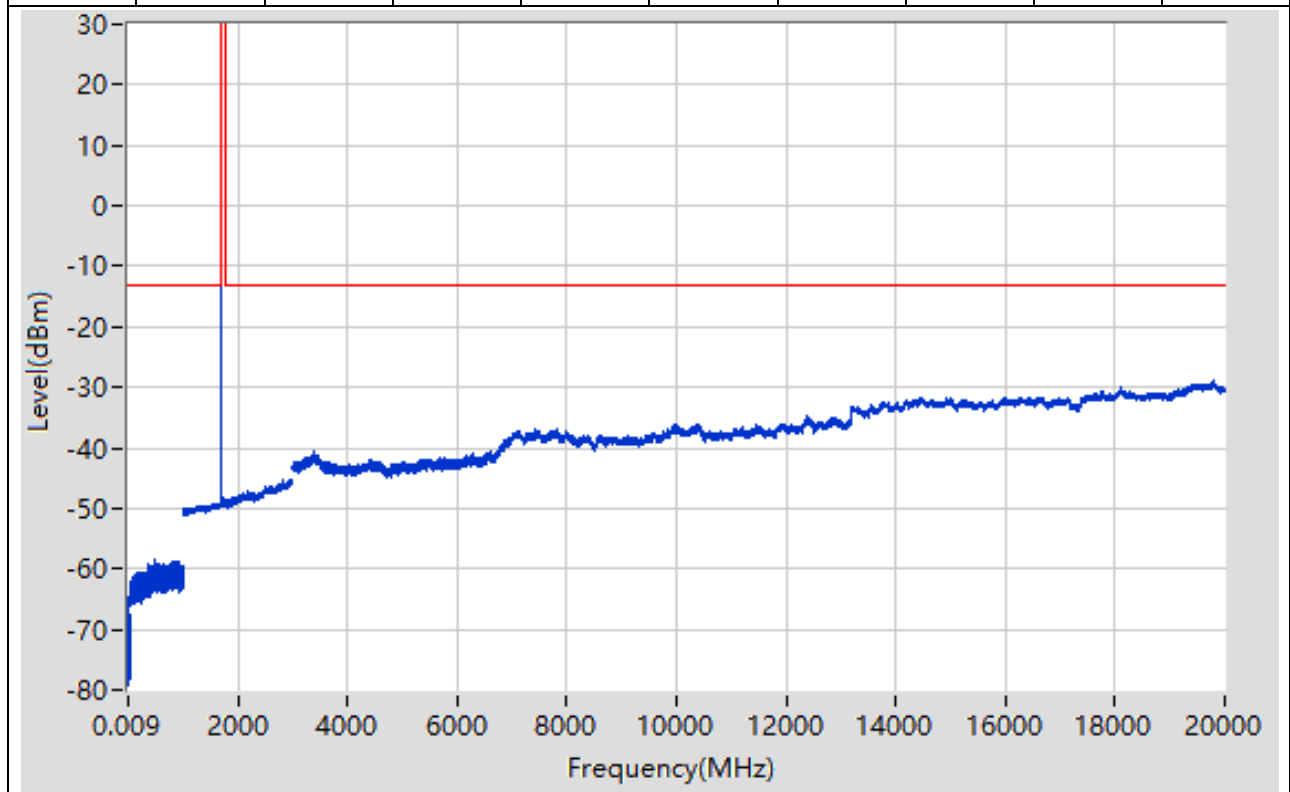
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.038           | -65.91      | -13         | 52.91       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.07           | -67.63      | -13         | 54.63       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 903.736         | -58.67      | -13         | 45.67       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -48.58      | -13         | 35.58       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1709.75         | 20.92       | 60          | 39.08       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2966            | -45.15      | -13         | 32.15       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19802           | -28.95      | -13         | 15.95       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@0\_Low

### 15.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

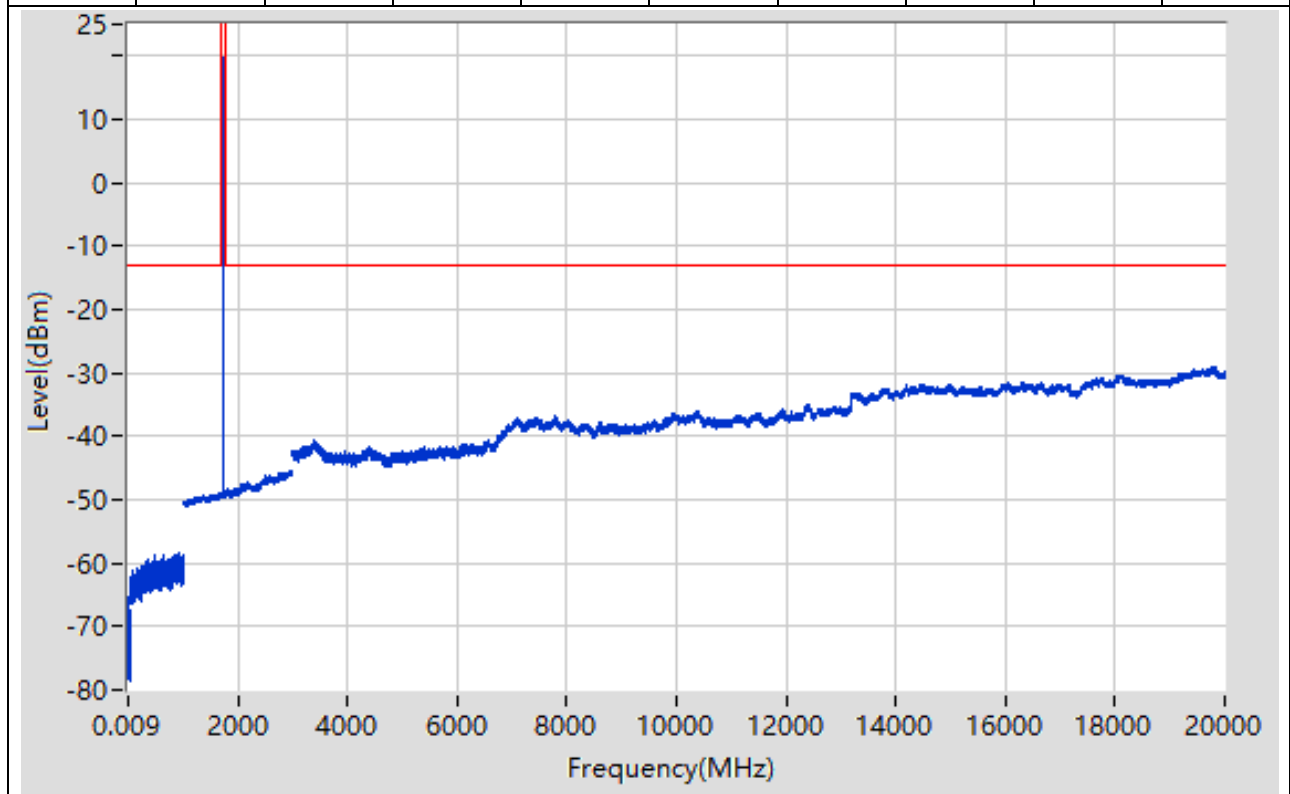
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -64.5       | -13         | 51.5        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.23            | -67.35      | -13         | 54.35       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 481.7           | -58.39      | -13         | 45.39       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -48.46      | -13         | 35.46       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1710.075        | 22.21       | 60          | 37.79       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2956            | -45.35      | -13         | 32.35       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19800           | -28.9       | -13         | 15.9        | Pass    | 17003       |



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@0\_Mid

### 15.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

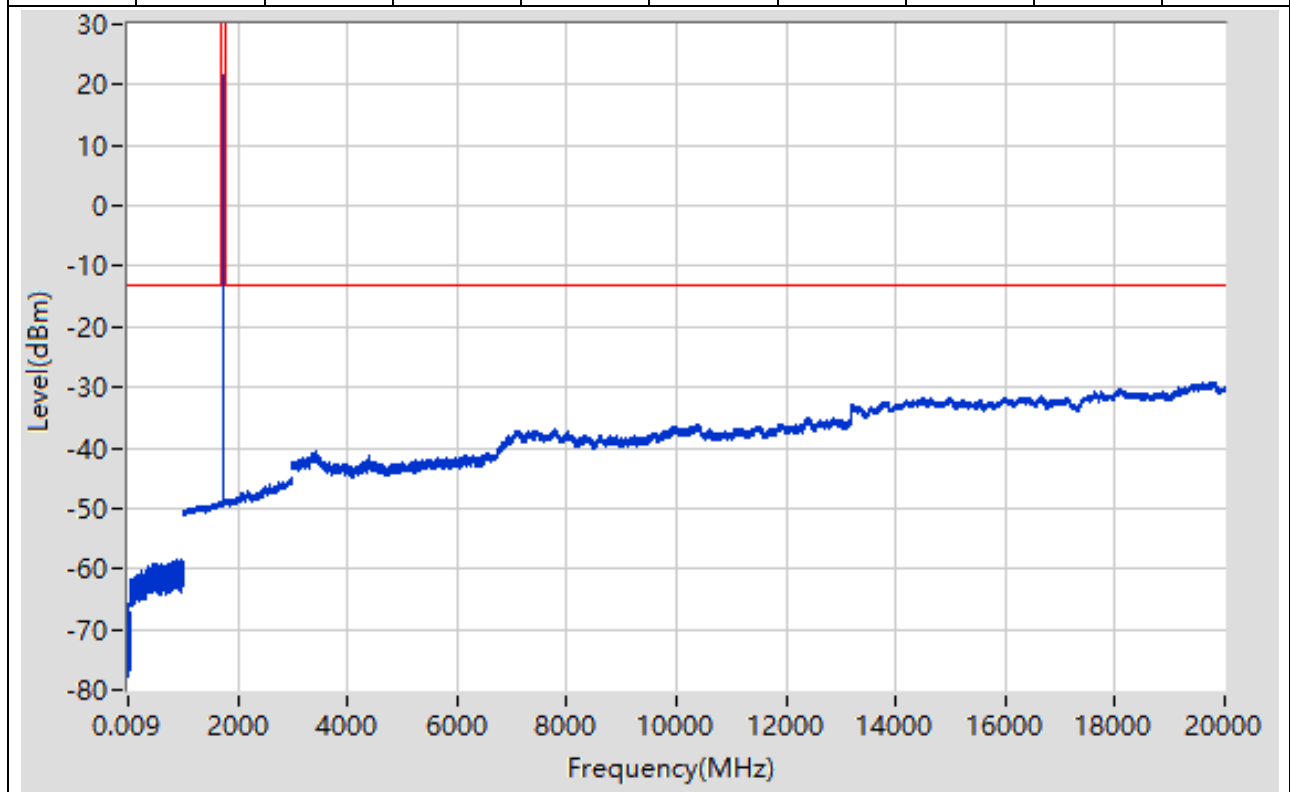
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -65.26      | -13         | 52.26       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.2            | -67.31      | -13         | 54.31       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 913.943         | -58.33      | -13         | 45.33       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1677            | -49.07      | -13         | 36.07       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1732.013        | 19.73       | 60          | 40.27       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2973            | -45.32      | -13         | 32.32       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19788           | -28.95      | -13         | 15.95       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@0\_Mid

### 15.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

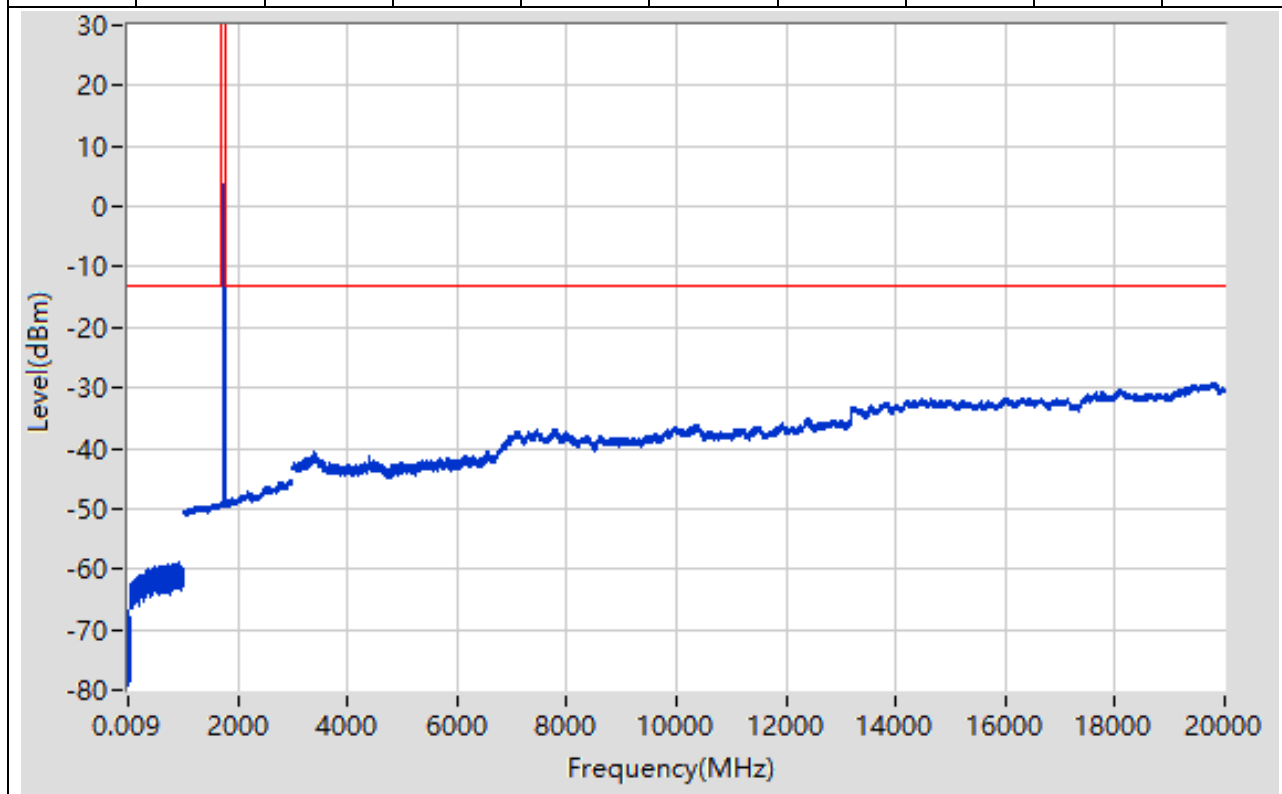
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -65.79      | -13         | 52.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.99           | -67.25      | -13         | 54.25       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 893.63          | -58.41      | -13         | 45.41       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -49.09      | -13         | 36.09       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1732.338        | 21.55       | 60          | 38.45       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 3000            | -45.08      | -13         | 32.08       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19788           | -29.05      | -13         | 16.05       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@0\_High

### 15.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

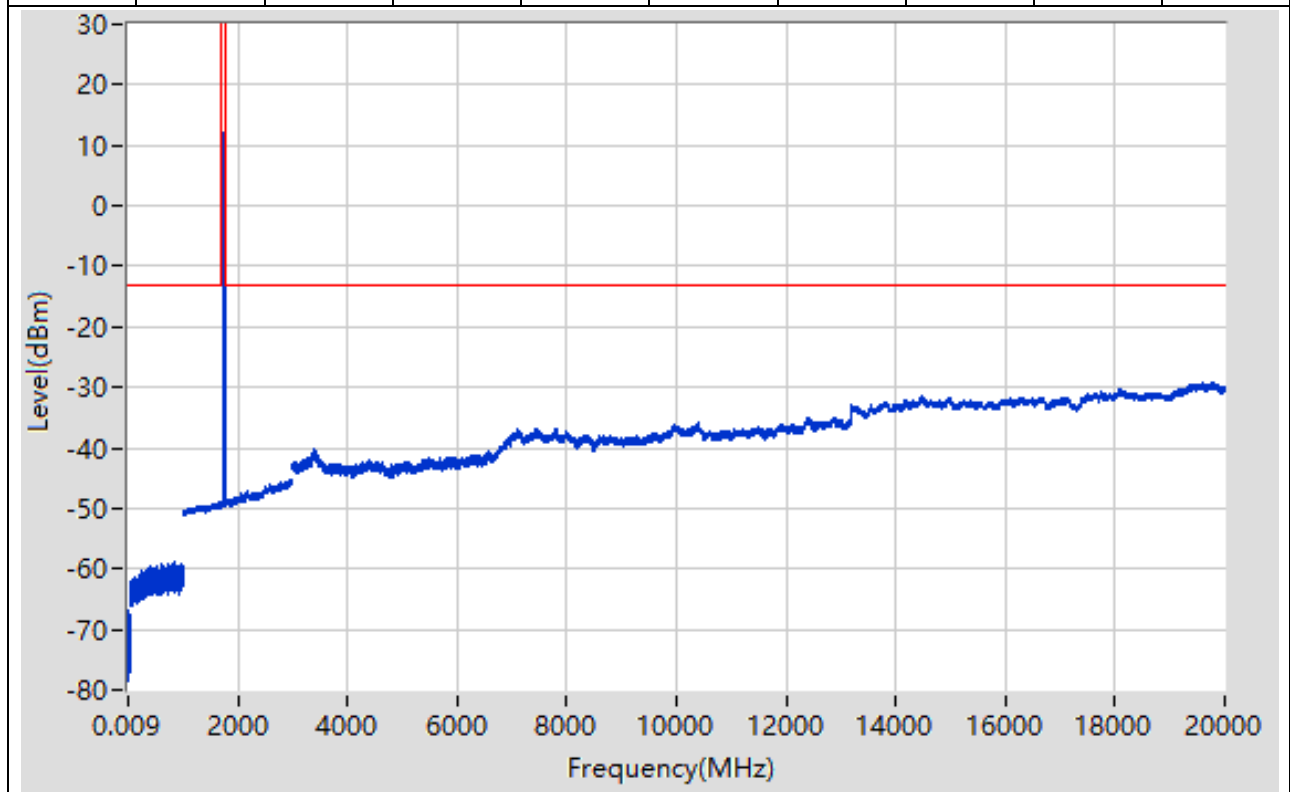
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -66.68      | -13         | 53.68       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 10.56           | -67.75      | -13         | 54.75       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 916.845         | -58.99      | -13         | 45.99       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1686            | -49.03      | -13         | 36.03       | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1755.25         | 20.41       | 60          | 39.59       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2962            | -45.44      | -13         | 32.44       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19805           | -29.03      | -13         | 16.03       | Pass    | 17003       |



## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@0\_High

### 15.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

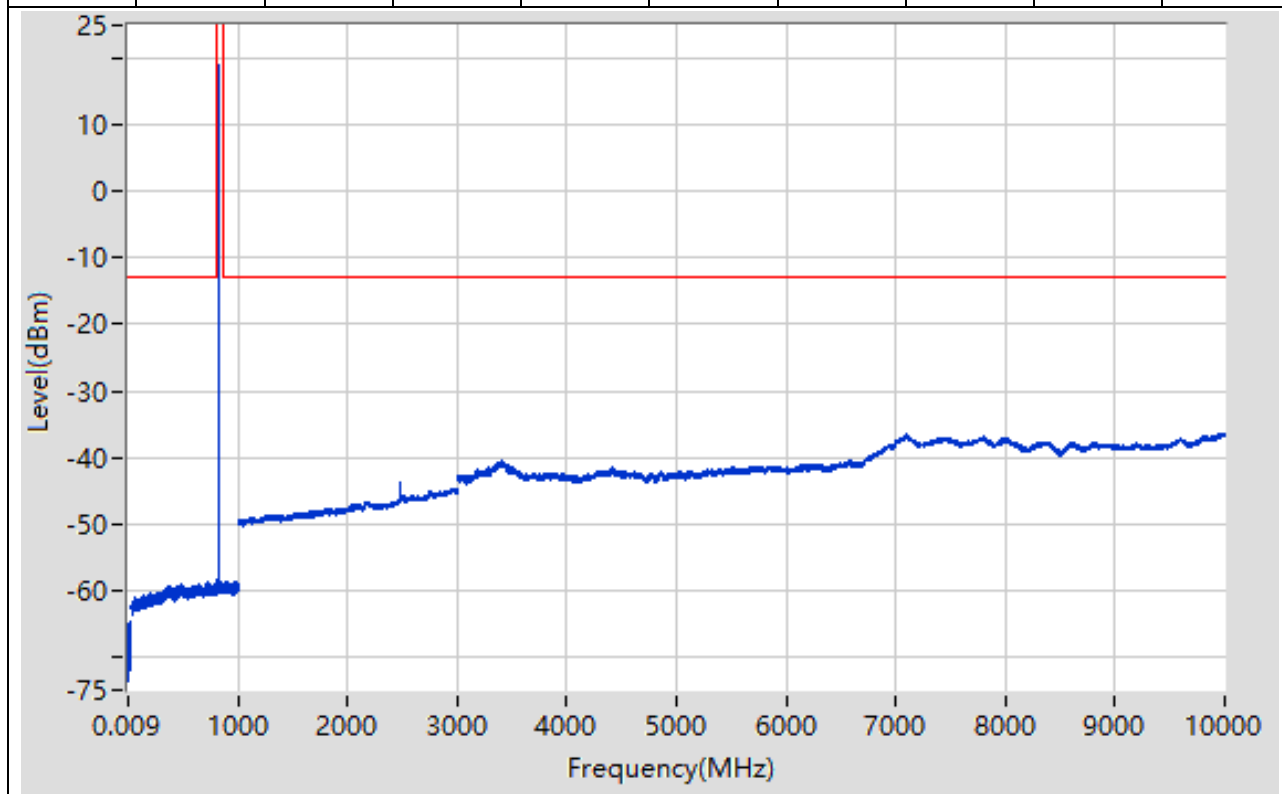
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -66.8       | -13         | 53.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 8.09            | -67.21      | -13         | 54.21       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 865.711         | -58.83      | -13         | 45.83       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1686            | -49.1       | -13         | 36.1        | Pass    | 701         |
| 1700                  | 1765                 | 1         | RMS      | 1754.925        | 22.03       | 60          | 37.97       | Pass    | 401         |
| 1765                  | 3000                 | 1         | RMS      | 2933            | -45.13      | -13         | 32.13       | Pass    | 1236        |
| 3000                  | 20000                | 1         | RMS      | 19806           | -29.21      | -13         | 16.21       | Pass    | 17003       |



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@0\_Low

### 16.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

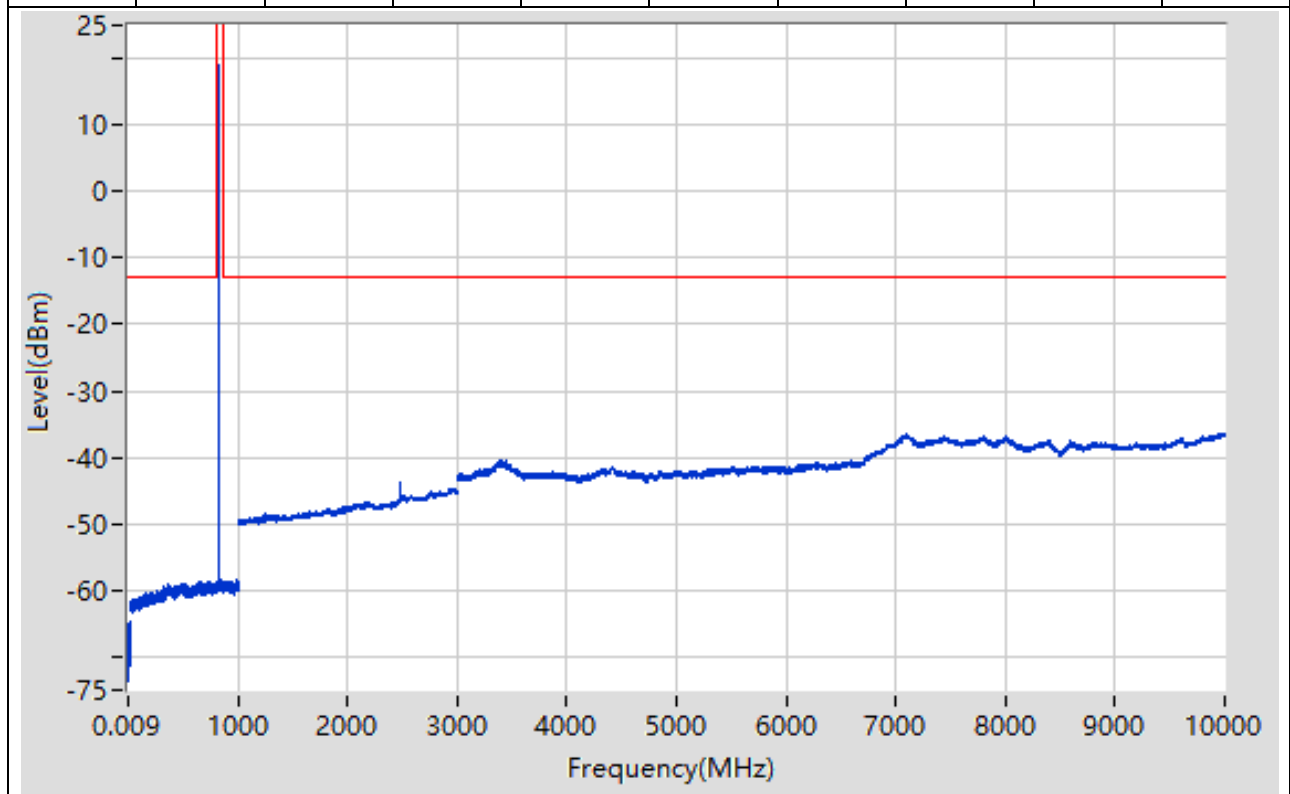
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.023           | -66.25      | -13         | 53.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.84           | -64.74      | -13         | 51.74       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 813.3           | -58.66      | -13         | 45.66       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824             | 19.17       | 60          | 40.83       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 990.4           | -58.6       | -13         | 45.6        | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -43.75      | -13         | 30.75       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9979            | -36.43      | -13         | 23.43       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@0\_Low

### 16.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

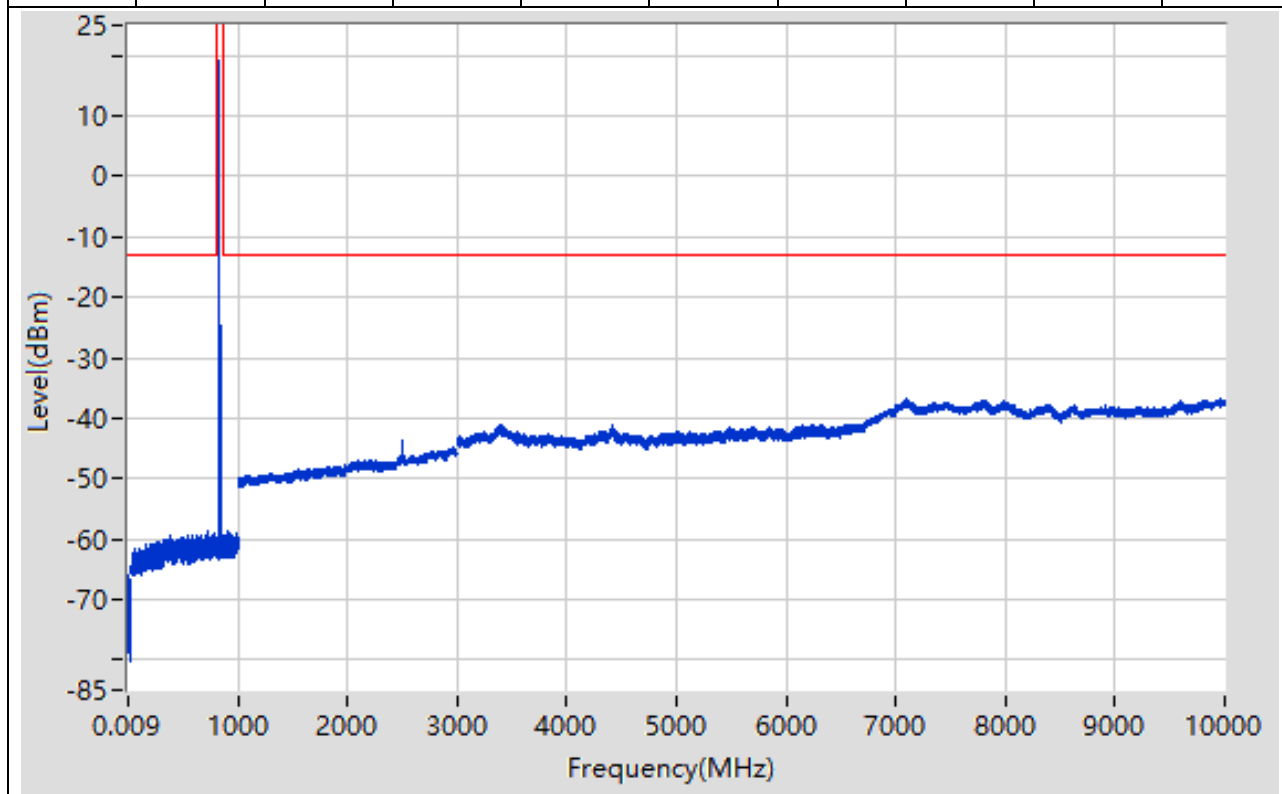
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.79      | -13         | 52.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.85           | -64.82      | -13         | 51.82       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 739.2           | -58.69      | -13         | 45.69       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824             | 19.17       | 60          | 40.83       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 994             | -58.51      | -13         | 45.51       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -43.75      | -13         | 30.75       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9999            | -36.35      | -13         | 23.35       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@0\_Mid

### 16.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

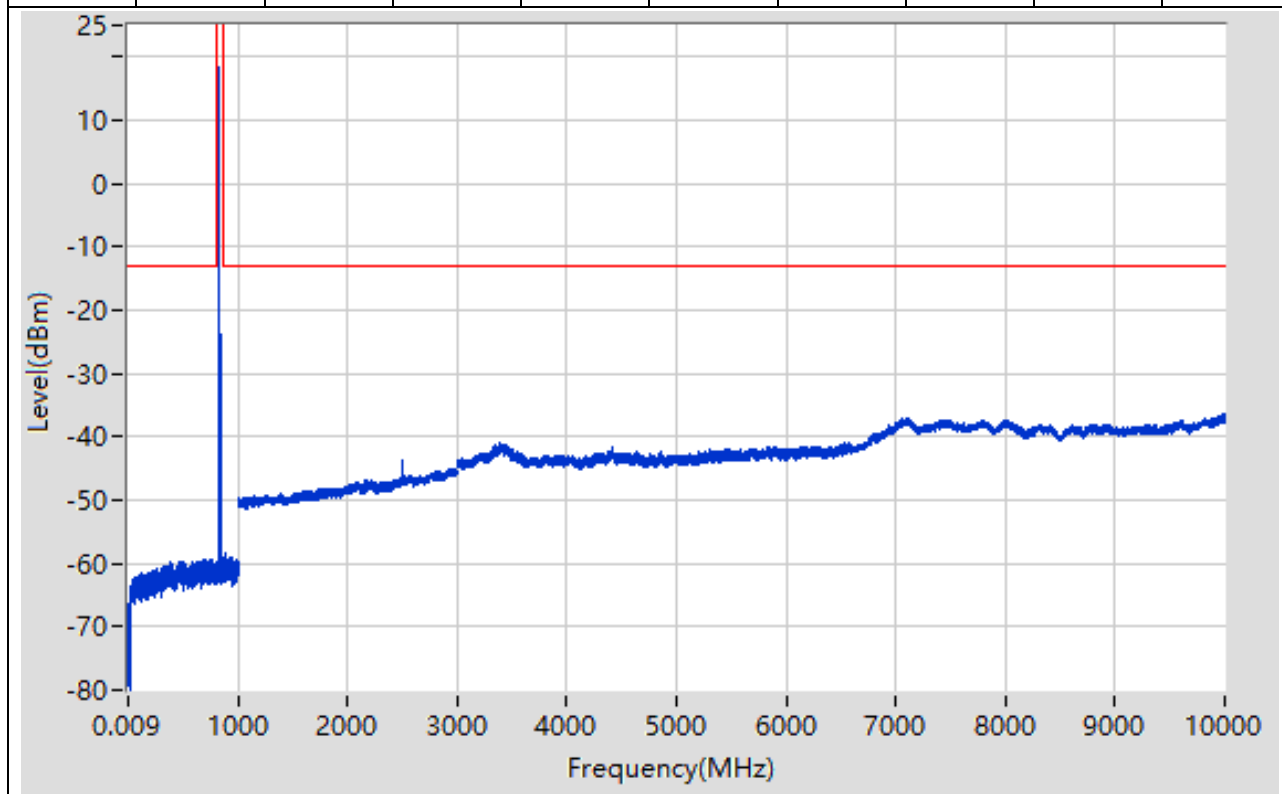
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -66.05      | -13         | 53.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 4.76            | -66.68      | -13         | 53.68       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 719             | -58.7       | -13         | 45.7        | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.02       | 60          | 40.98       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 905.9           | -58.83      | -13         | 45.83       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -43.72      | -13         | 30.72       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9966            | -36.7       | -13         | 23.7        | Pass    | 7001        |



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@0\_Mid

### 16.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

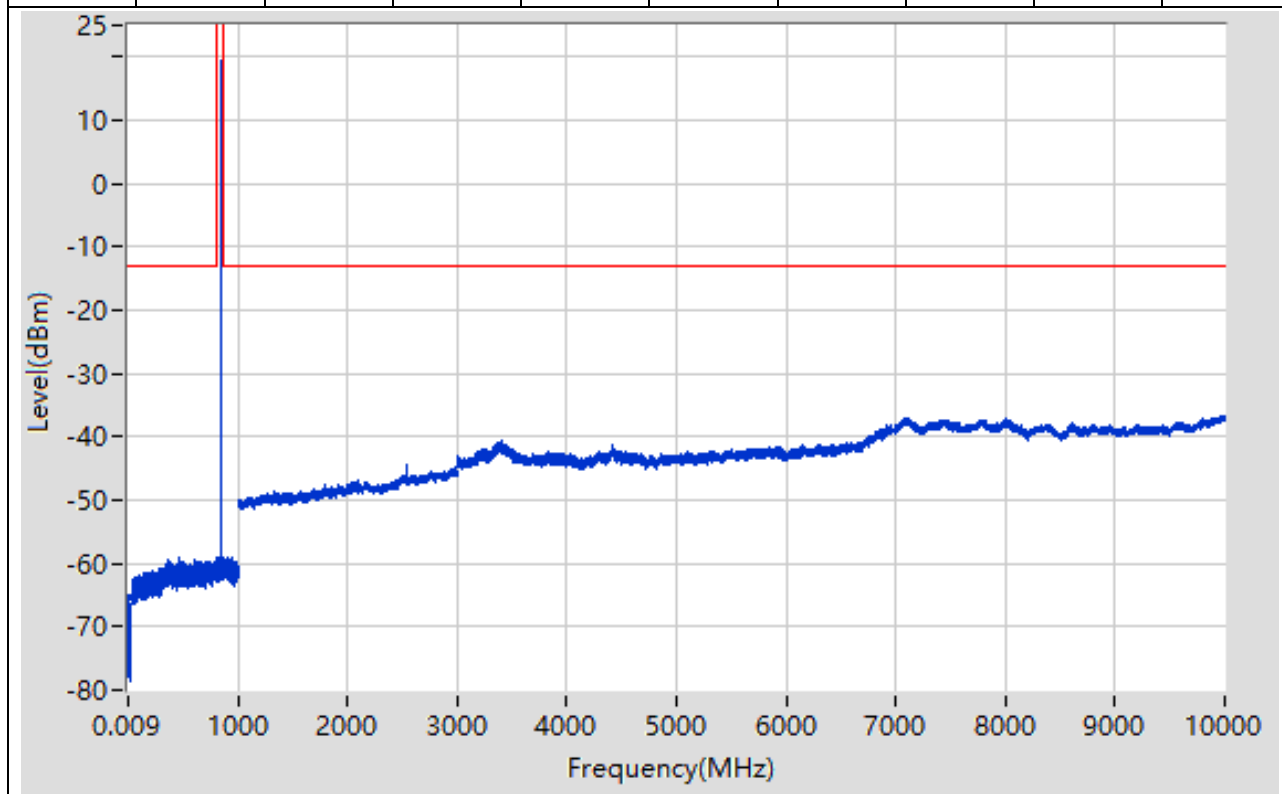
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.85      | -13         | 53.85       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.83           | -64.86      | -13         | 51.86       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 704.2           | -59.31      | -13         | 46.31       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 18.52       | 60          | 41.48       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 894.3           | -58.52      | -13         | 45.52       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -43.83      | -13         | 30.83       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9973            | -36.51      | -13         | 23.51       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@0\_High

### 16.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

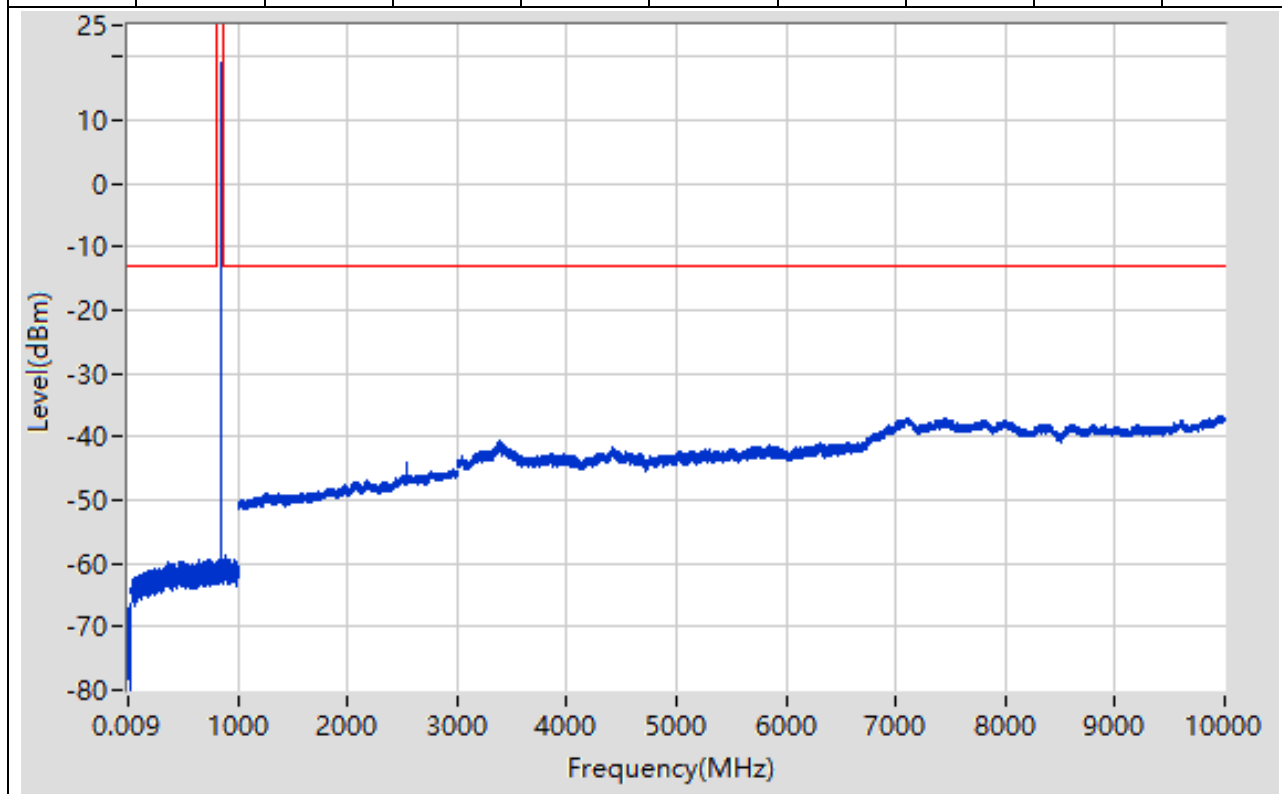
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.09      | -13         | 52.09       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.06           | -66.27      | -13         | 53.27       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 801.5           | -59.07      | -13         | 46.07       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.8           | 19.32       | 60          | 40.68       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 902.4           | -59.06      | -13         | 46.06       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2547            | -44.32      | -13         | 31.32       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9996            | -36.65      | -13         | 23.65       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@0\_High

### 16.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

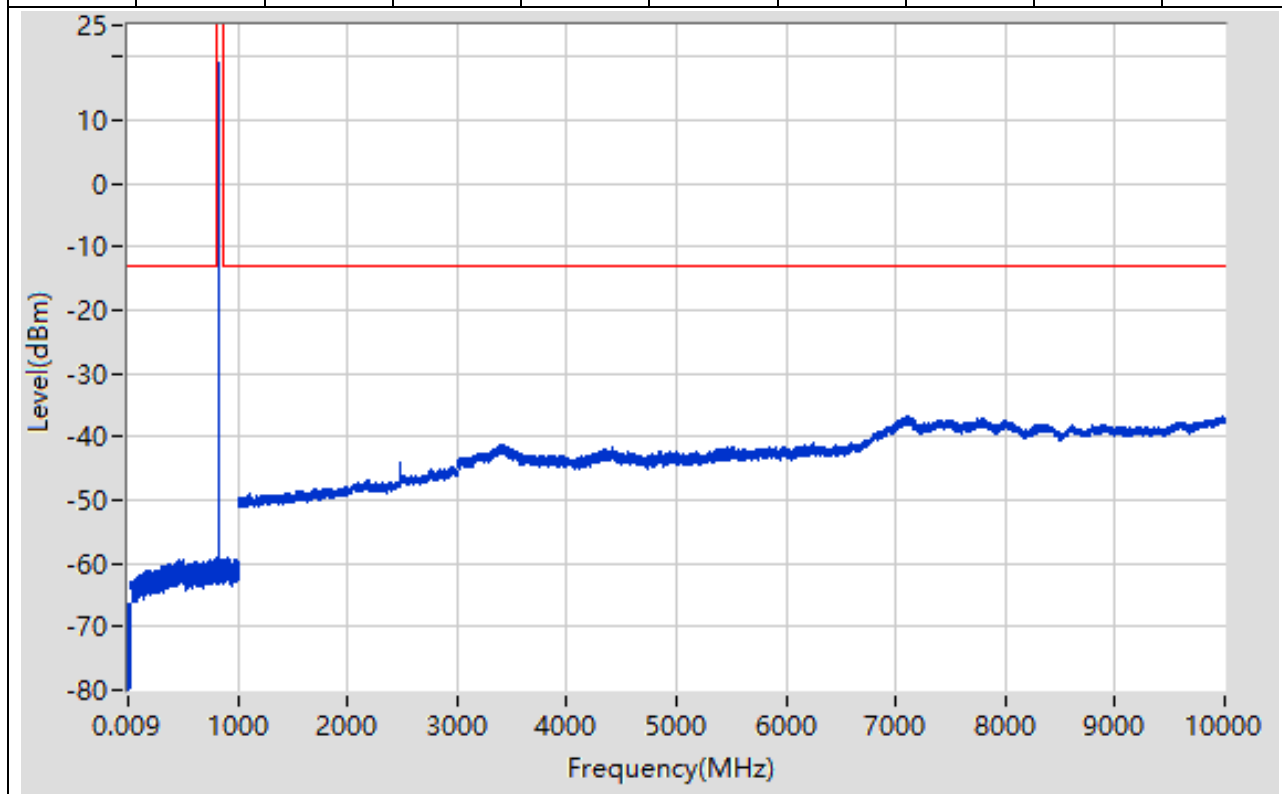
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -67.24      | -13         | 54.24       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 19.6            | -66.49      | -13         | 53.49       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 725.2           | -59.3       | -13         | 46.3        | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.8           | 19.11       | 60          | 40.89       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 877.9           | -58.86      | -13         | 45.86       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2546            | -44.16      | -13         | 31.16       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9986            | -36.67      | -13         | 23.67       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@0\_Low

### 16.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

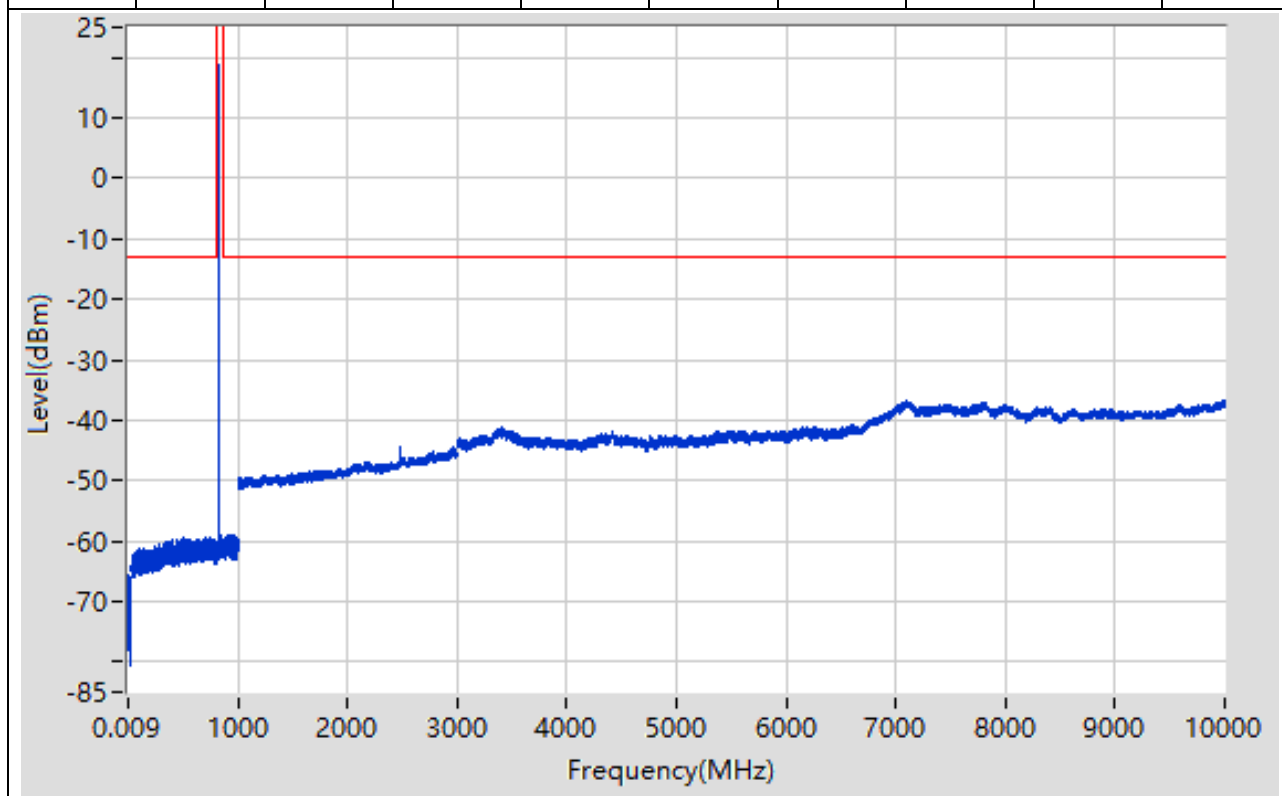
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -66.51      | -13         | 53.51       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.29           | -66.23      | -13         | 53.23       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 806.2           | -59.22      | -13         | 46.22       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824             | 18.92       | 60          | 41.08       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 906.4           | -59.22      | -13         | 46.22       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -44.05      | -13         | 31.05       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7114            | -36.73      | -13         | 23.73       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@0\_Low

### 16.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

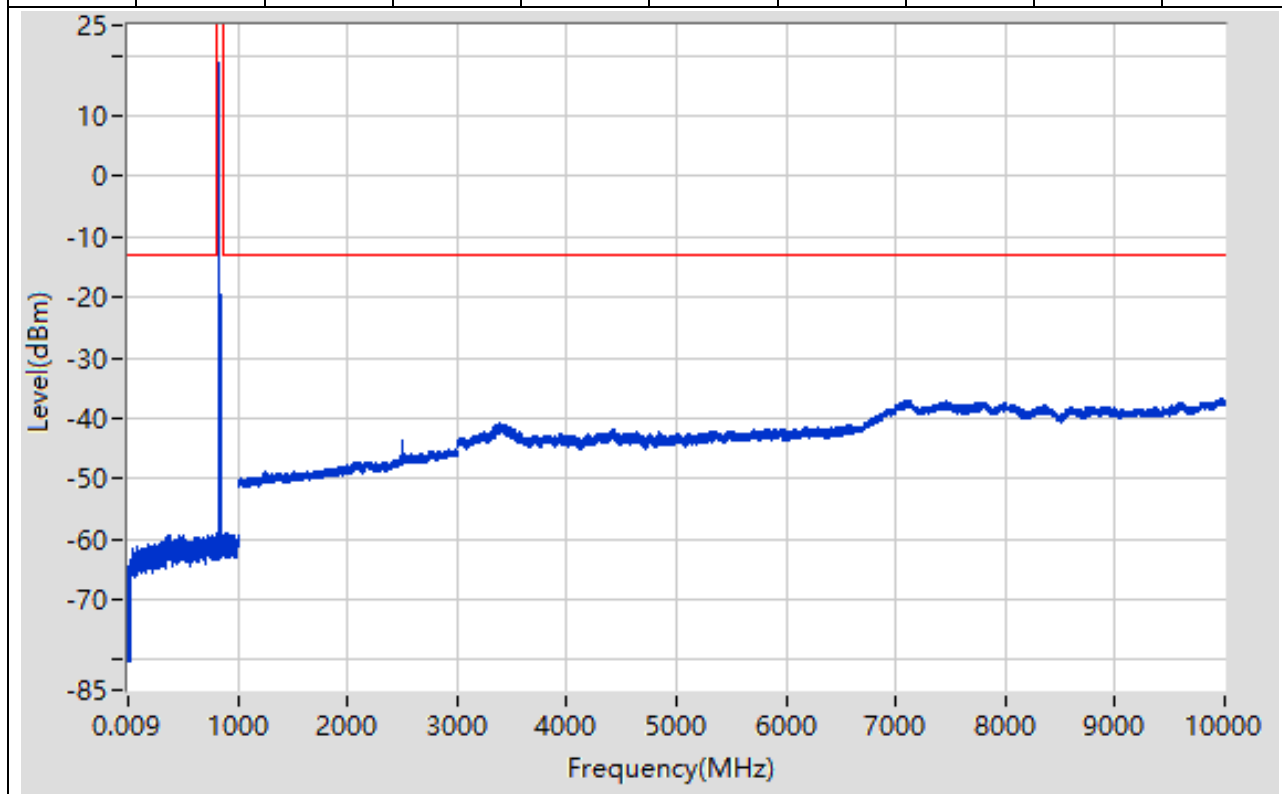
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -66.36      | -13         | 53.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 3.69            | -65.73      | -13         | 52.73       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 500.9           | -59.33      | -13         | 46.33       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824             | 18.9        | 60          | 41.1        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 941.8           | -59.04      | -13         | 46.04       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -44.32      | -13         | 31.32       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9995            | -36.73      | -13         | 23.73       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@0\_Mid

### 16.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

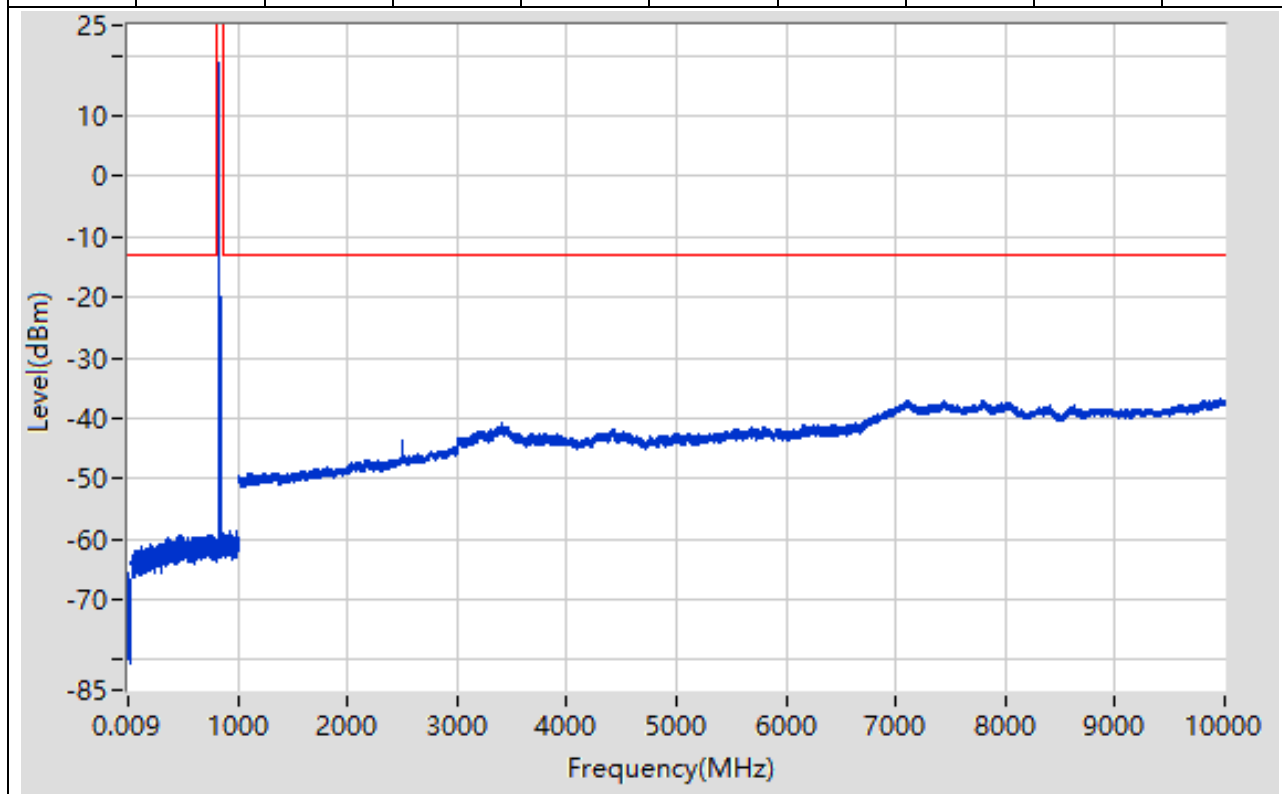
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -64.53      | -13         | 51.53       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.43           | -64.99      | -13         | 51.99       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 813.4           | -59.08      | -13         | 46.08       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 18.92       | 60          | 41.08       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 904.6           | -59.15      | -13         | 46.15       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -43.77      | -13         | 30.77       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9967            | -36.75      | -13         | 23.75       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@0\_Mid

### 16.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

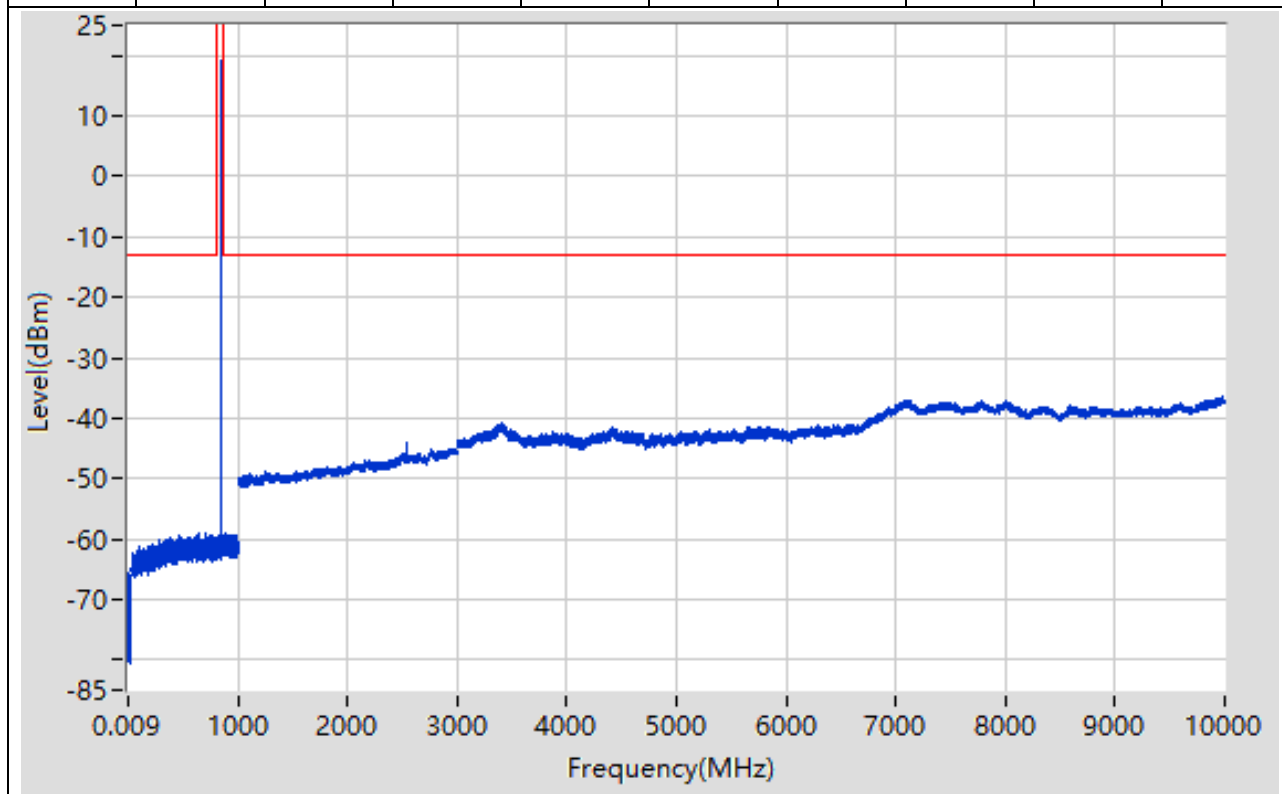
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.52      | -13         | 52.52       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 2.54            | -66.24      | -13         | 53.24       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 746.2           | -59.29      | -13         | 46.29       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 18.83       | 60          | 41.17       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 918.2           | -58.72      | -13         | 45.72       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -43.81      | -13         | 30.81       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9967            | -36.8       | -13         | 23.8        | Pass    | 7001        |



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@0\_High

### 16.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

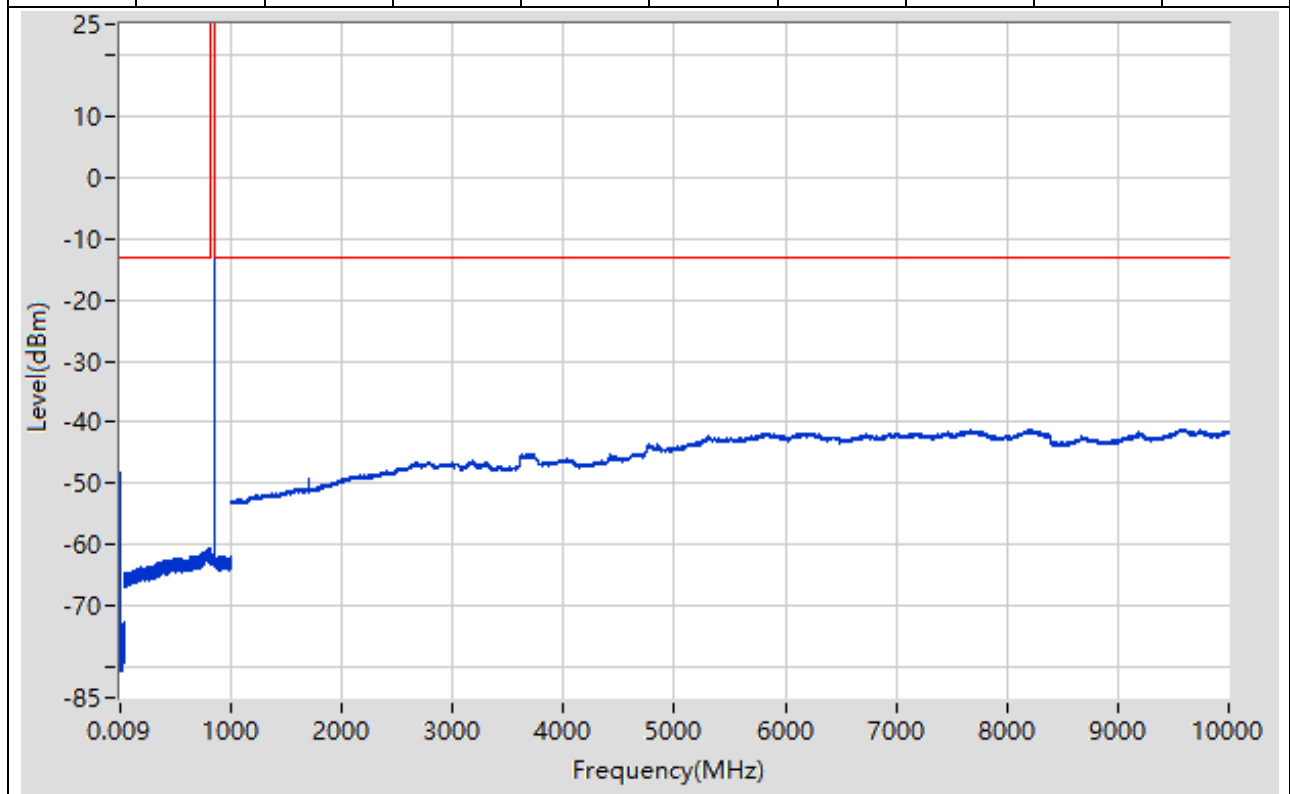
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -66.5       | -13         | 53.5        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.75            | -65.61      | -13         | 52.61       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 713.5           | -59         | -13         | 46          | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.8           | 19.21       | 60          | 40.79       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 895.5           | -58.99      | -13         | 45.99       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2546            | -44.13      | -13         | 31.13       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9983            | -36.57      | -13         | 23.57       | Pass    | 7001        |



## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@0\_High

### 16.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

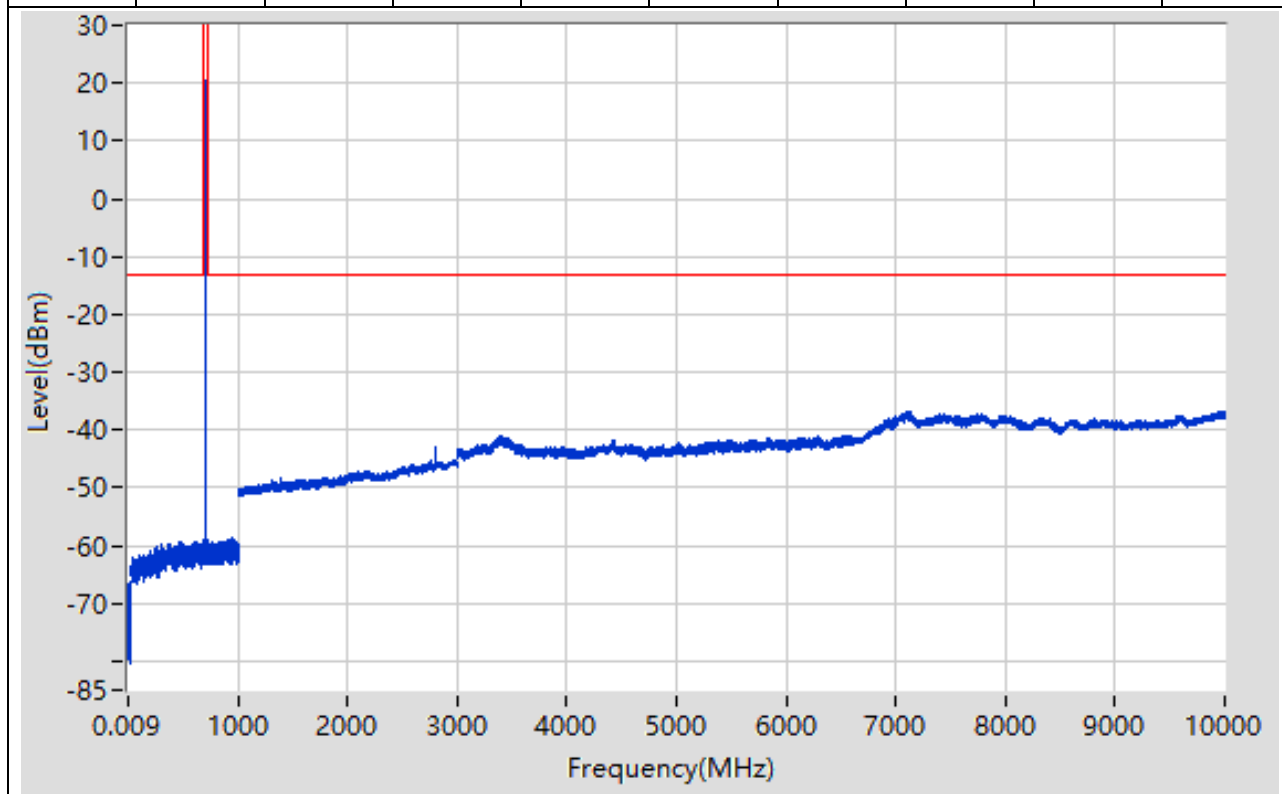
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.06      | -13         | 35.06       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.45      | -13         | 43.45       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 811.1           | -60.46      | -13         | 47.46       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.8           | 18.17       | 60          | 41.83       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 930.8           | -61.93      | -13         | 48.93       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2998            | -46.51      | -13         | 33.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9588            | -41.08      | -13         | 28.08       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@0\_Low

### 17.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

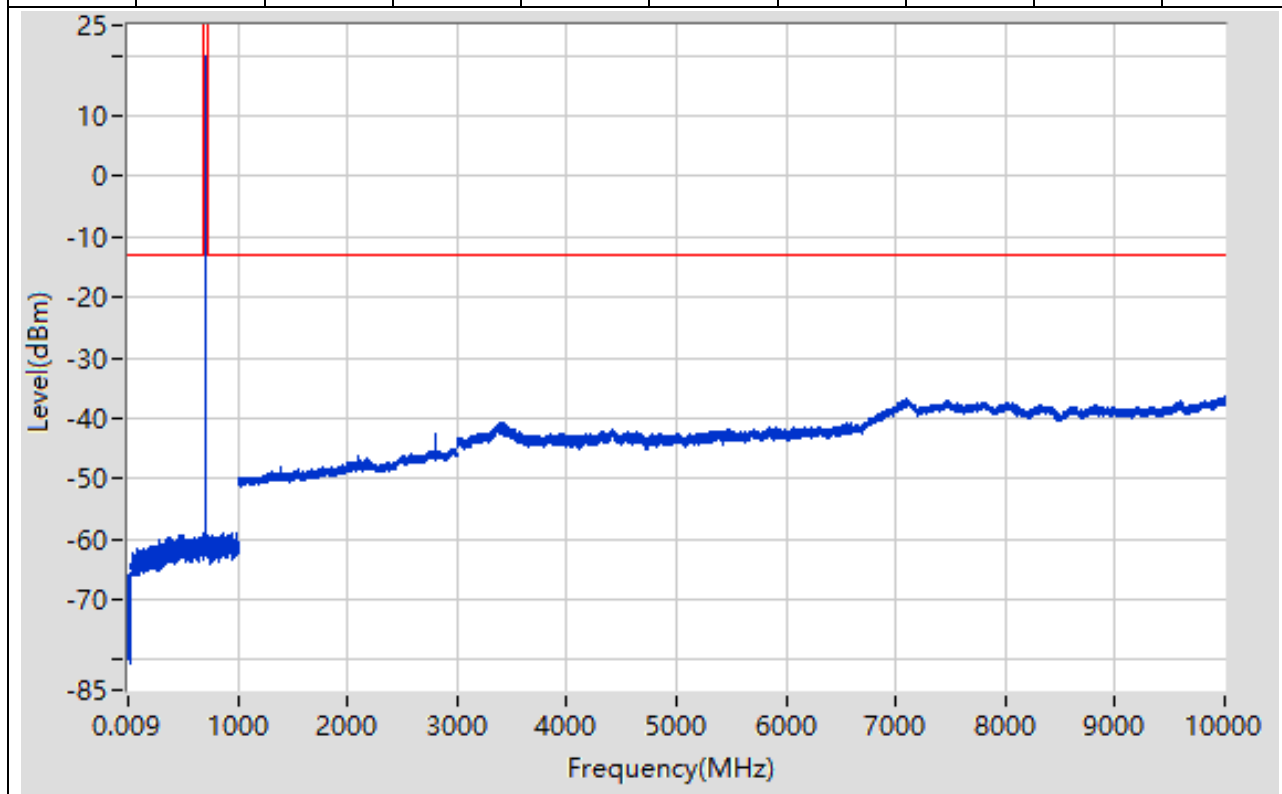
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.029           | -66.73      | -13         | 53.73       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 14.42           | -66.1       | -13         | 53.1        | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 483.8           | -59.41      | -13         | 46.41       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 698.99          | 20.34       | 60          | 39.66       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 949.2           | -58.65      | -13         | 45.65       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2796            | -43.04      | -13         | 30.04       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9988            | -36.7       | -13         | 23.7        | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@0\_Low

### 17.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

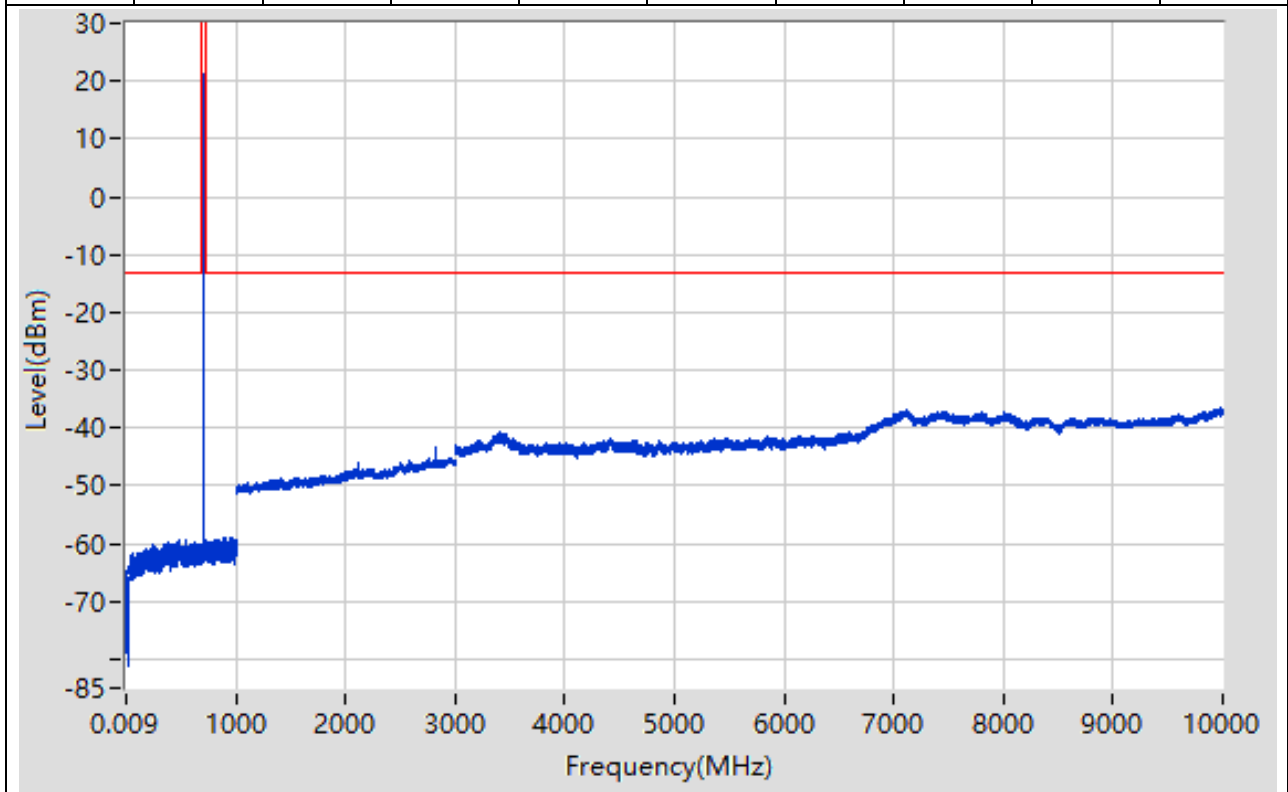
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.36      | -13         | 53.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.23           | -65.51      | -13         | 52.51       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 501.8           | -59.47      | -13         | 46.47       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 698.99          | 19.88       | 60          | 40.12       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 992.6           | -59.02      | -13         | 46.02       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2796            | -42.78      | -13         | 29.78       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9993            | -36.51      | -13         | 23.51       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@0\_Mid

### 17.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

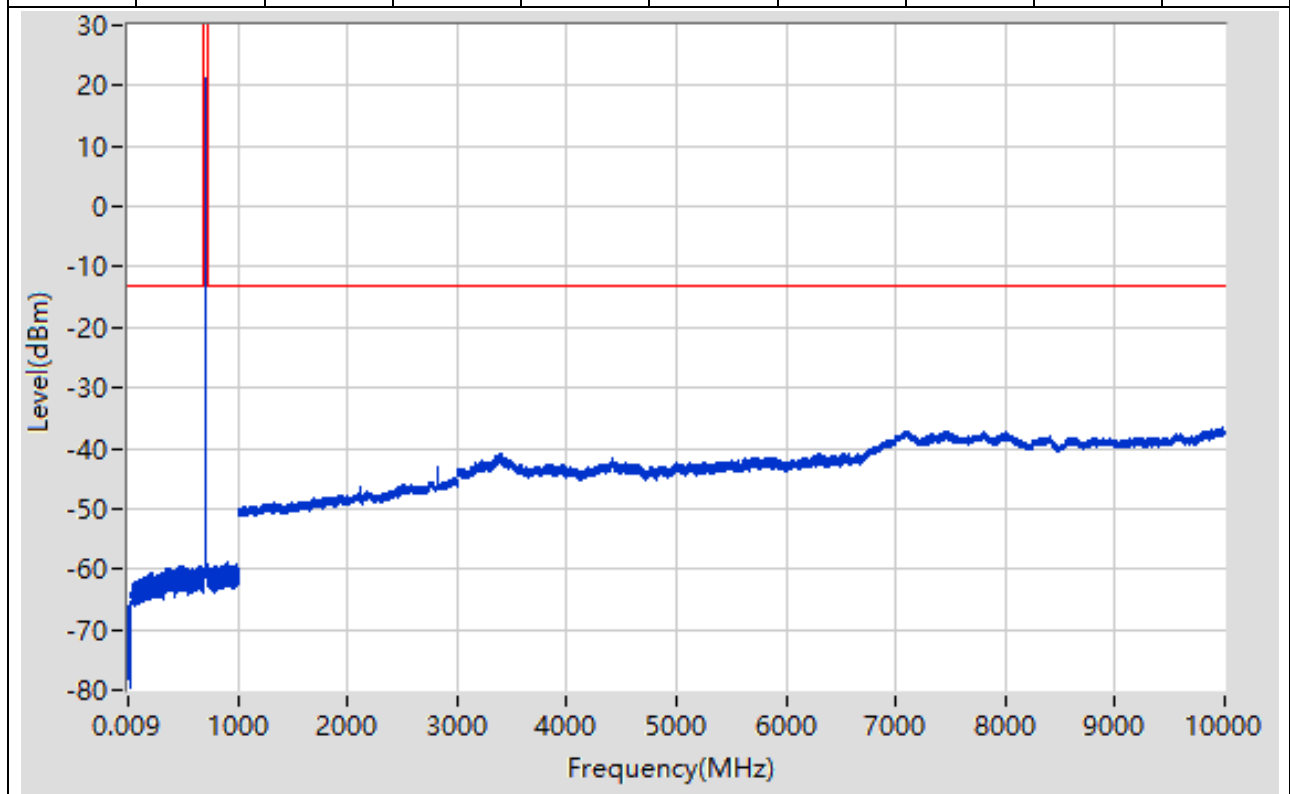
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -65.82      | -13         | 52.82       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.18            | -64.62      | -13         | 51.62       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 491.4           | -59.33      | -13         | 46.33       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 707.408         | 21.13       | 60          | 38.87       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 963.5           | -58.86      | -13         | 45.86       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2830            | -43.35      | -13         | 30.35       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9988            | -36.65      | -13         | 23.65       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@0\_Mid

### 17.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

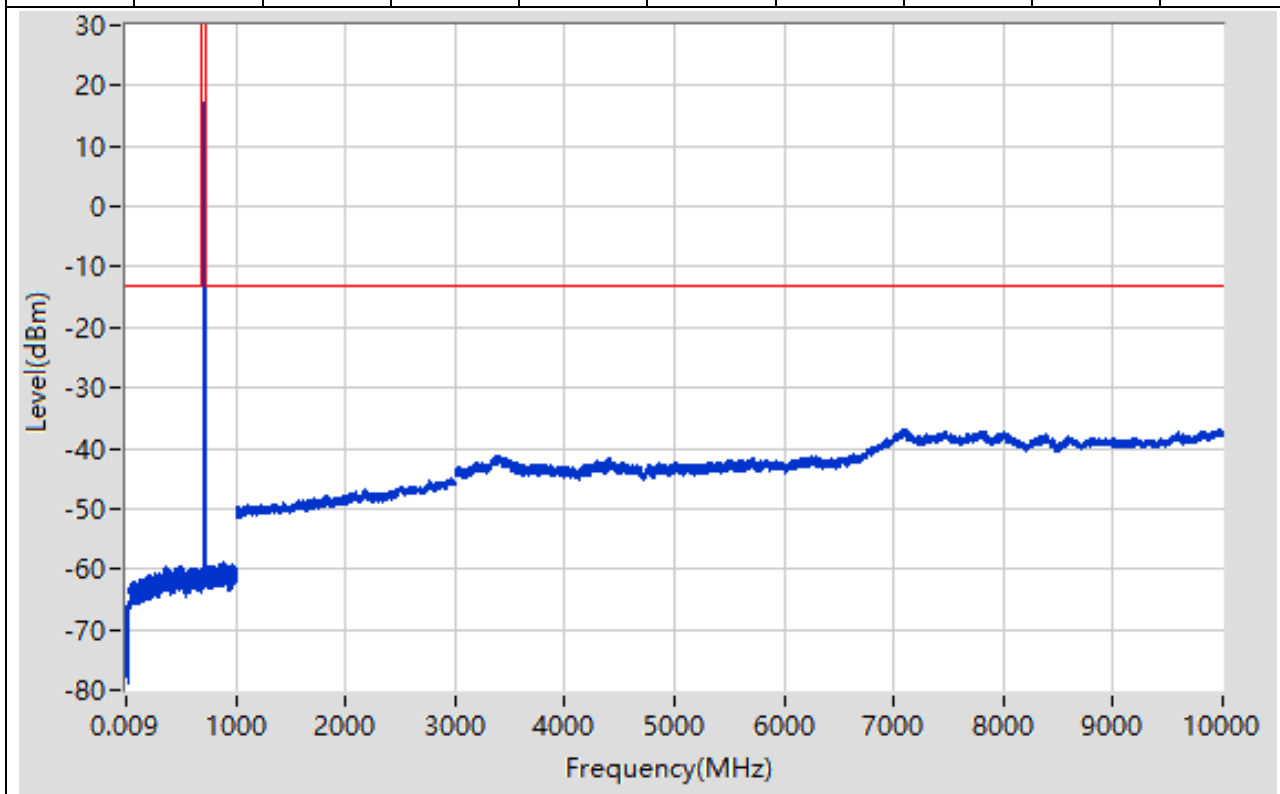
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -67.22      | -13         | 54.22       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 14.1            | -65.5       | -13         | 52.5        | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 480.7           | -59.38      | -13         | 46.38       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 707.408         | 21.19       | 60          | 38.81       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 902.7           | -58.95      | -13         | 45.95       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2830            | -43.18      | -13         | 30.18       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9980            | -36.64      | -13         | 23.64       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@0\_High

### 17.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

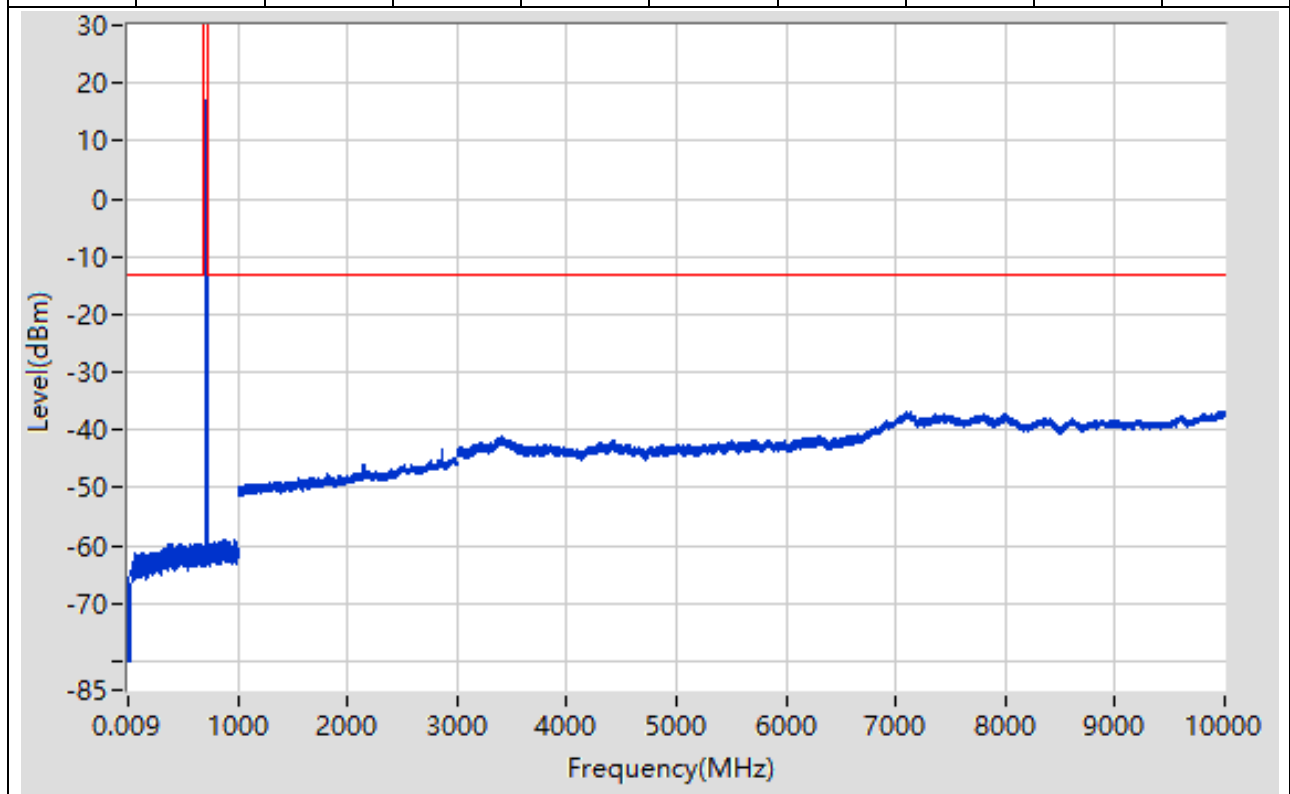
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -65.94      | -13         | 52.94       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.3            | -65.34      | -13         | 52.34       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 499.8           | -59.37      | -13         | 46.37       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 715.825         | 21.21       | 60          | 38.79       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 887.6           | -58.87      | -13         | 45.87       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2964            | -44.74      | -13         | 31.74       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7103            | -36.87      | -13         | 23.87       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@0\_High

### 17.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

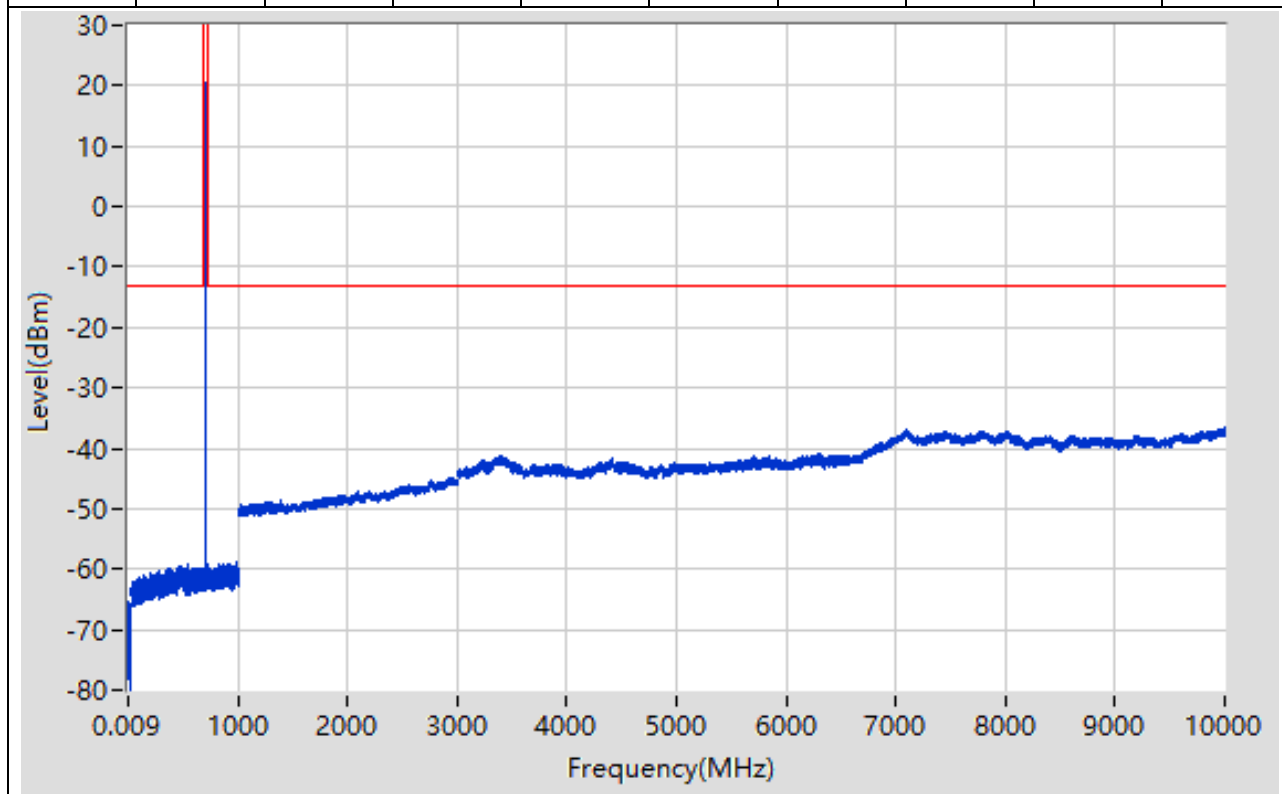
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -67.05      | -13         | 54.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 5.35            | -65.55      | -13         | 52.55       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 466             | -59.72      | -13         | 46.72       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 715.825         | 21.27       | 60          | 38.73       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 865.6           | -59.11      | -13         | 46.11       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.34      | -13         | 30.34       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9990            | -36.95      | -13         | 23.95       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_Low

### 17.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

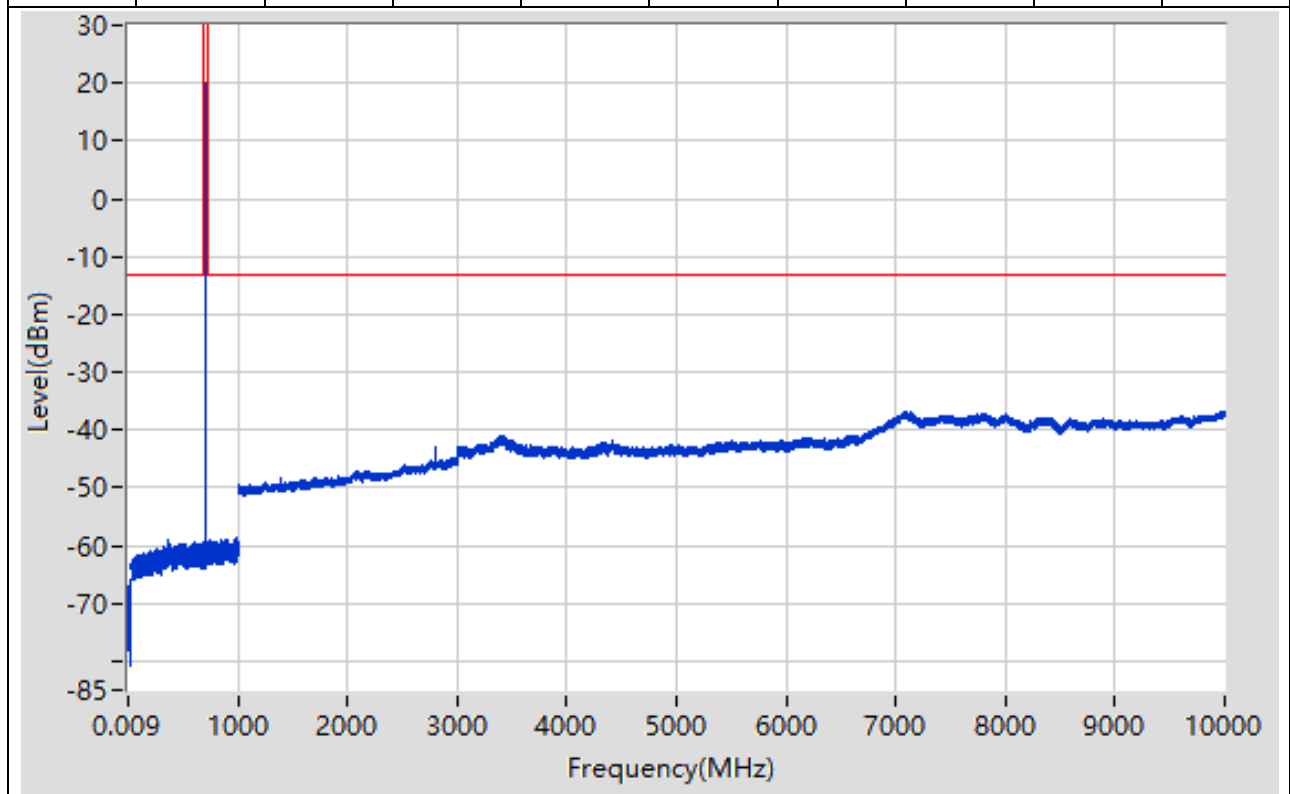
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.035           | -67.14      | -13         | 54.14       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.65            | -65.37      | -13         | 52.37       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 536             | -59.32      | -13         | 46.32       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 699.083         | 20.34       | 60          | 39.66       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 984.8           | -58.8       | -13         | 45.8        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2948            | -44.78      | -13         | 31.78       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9994            | -36.42      | -13         | 23.42       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_Low

### 17.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

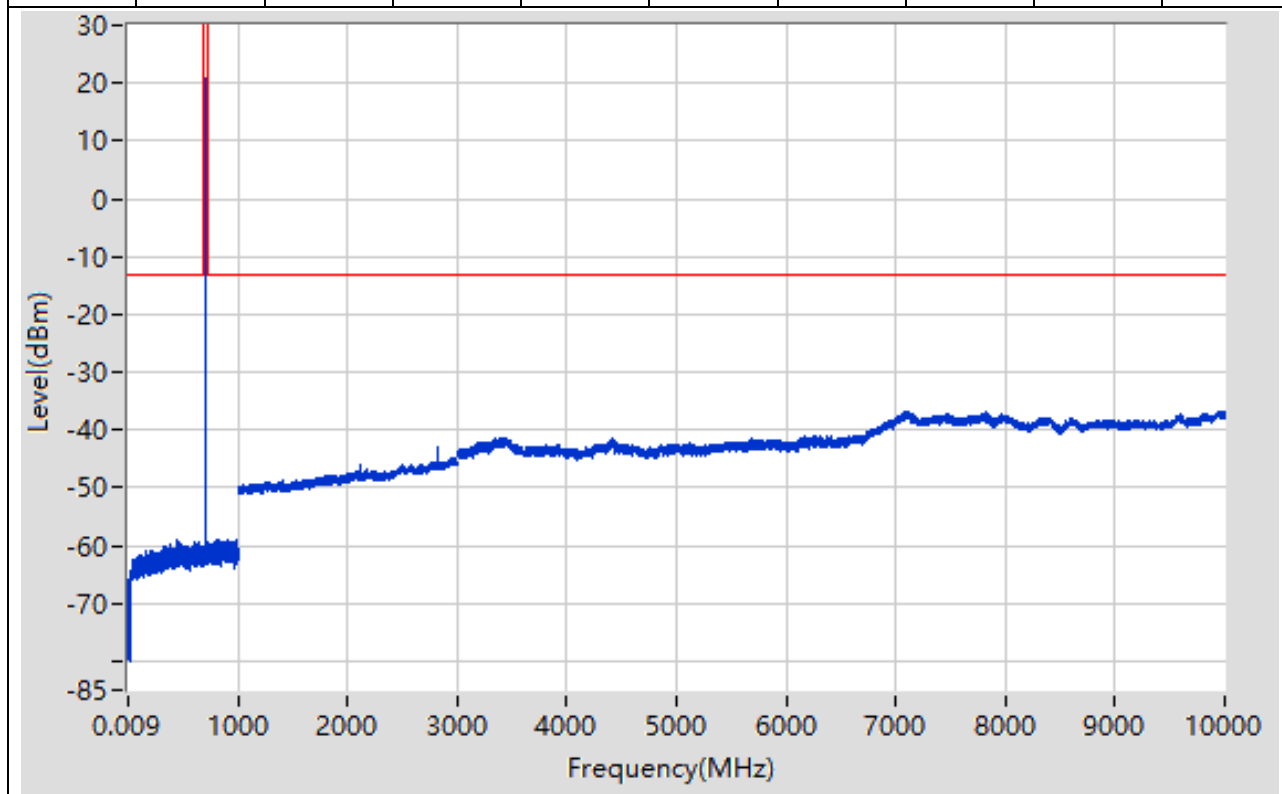
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -67.35      | -13         | 54.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 27.82           | -65.94      | -13         | 52.94       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 371.5           | -59.1       | -13         | 46.1        | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 699.083         | 20.22       | 60          | 39.78       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 985.7           | -58.51      | -13         | 45.51       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2796            | -42.84      | -13         | 29.84       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9978            | -36.68      | -13         | 23.68       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_Mid

### 17.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

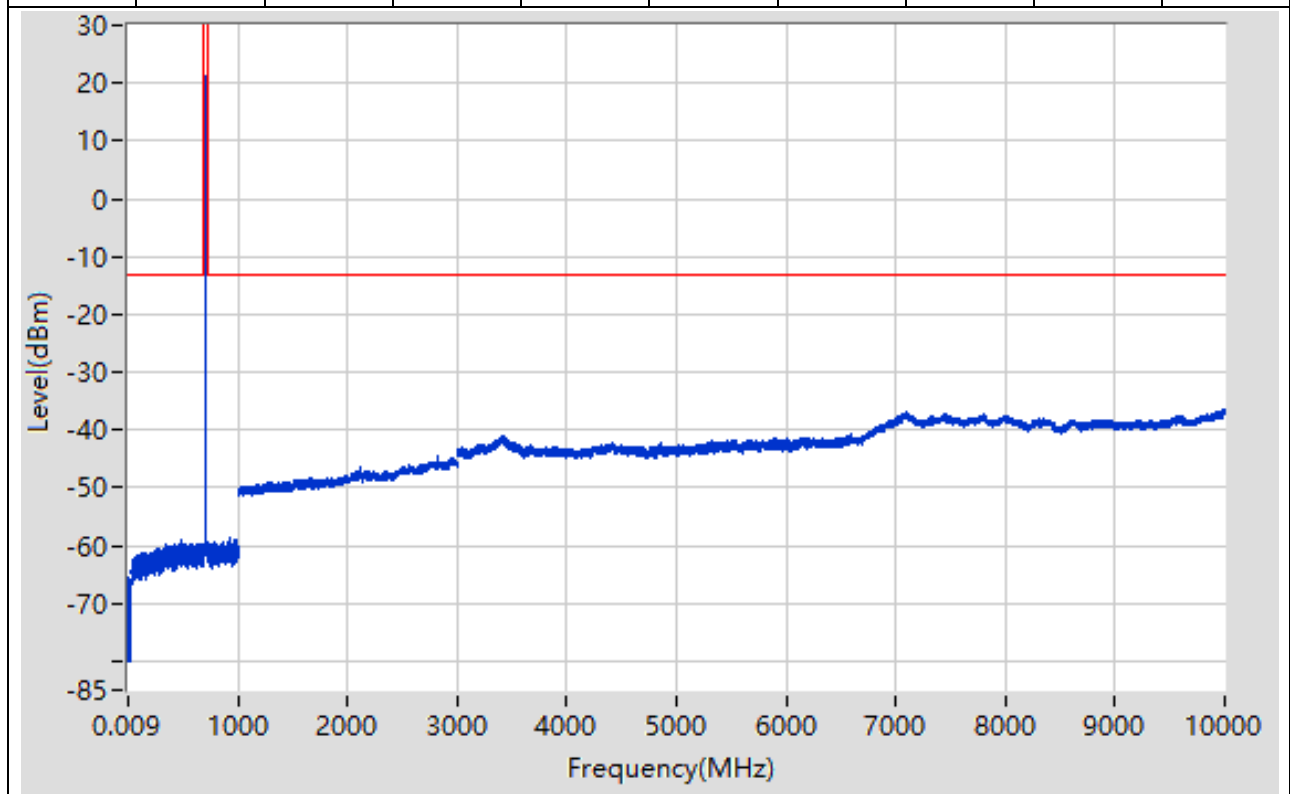
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -65.74      | -13         | 52.74       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.9            | -65.41      | -13         | 52.41       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 447.7           | -58.99      | -13         | 45.99       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 707.408         | 21.01       | 60          | 38.99       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 828.3           | -58.9       | -13         | 45.9        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2830            | -42.81      | -13         | 29.81       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7102            | -36.7       | -13         | 23.7        | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_Mid

### 17.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

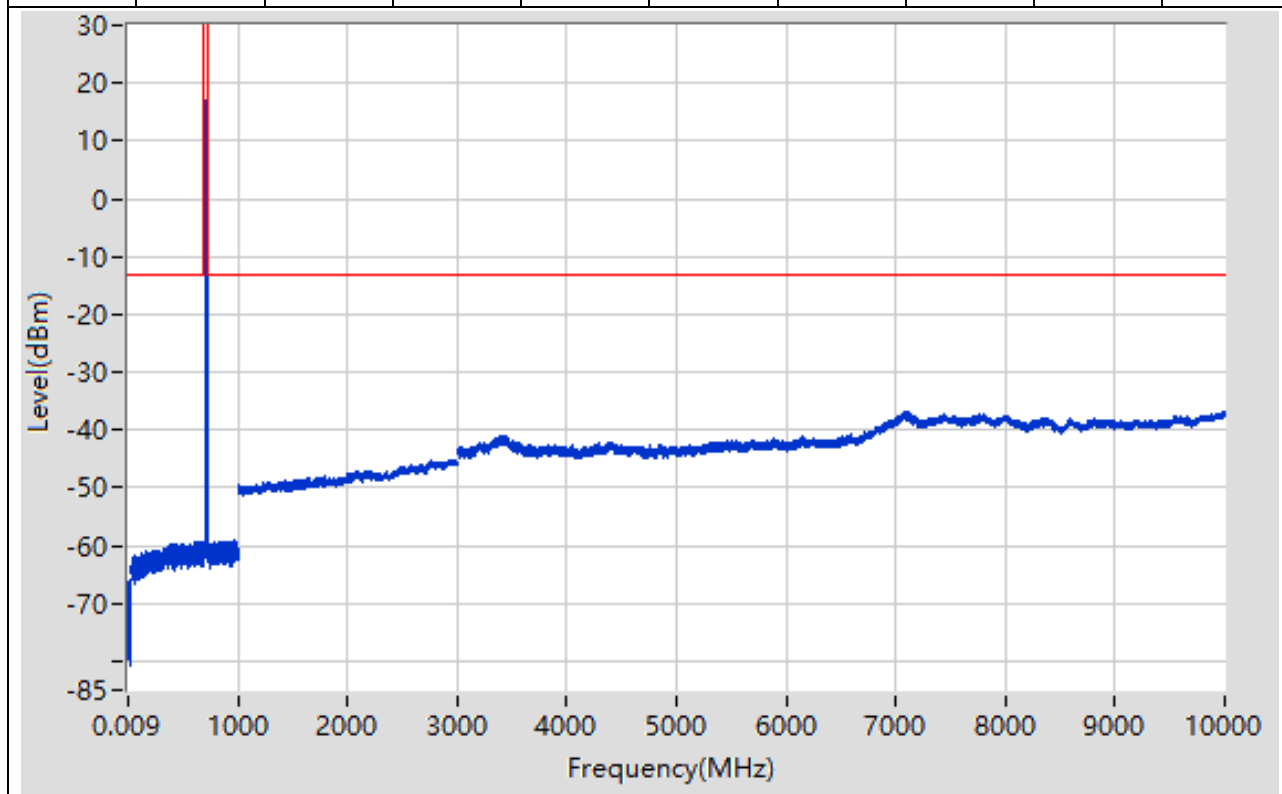
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.03            | -67.45      | -13         | 54.45       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.79            | -65.38      | -13         | 52.38       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 490.3           | -58.96      | -13         | 45.96       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 707.408         | 21.03       | 60          | 38.97       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 921.4           | -58.75      | -13         | 45.75       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2830            | -44.61      | -13         | 31.61       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9986            | -36.53      | -13         | 23.53       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_High

### 17.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

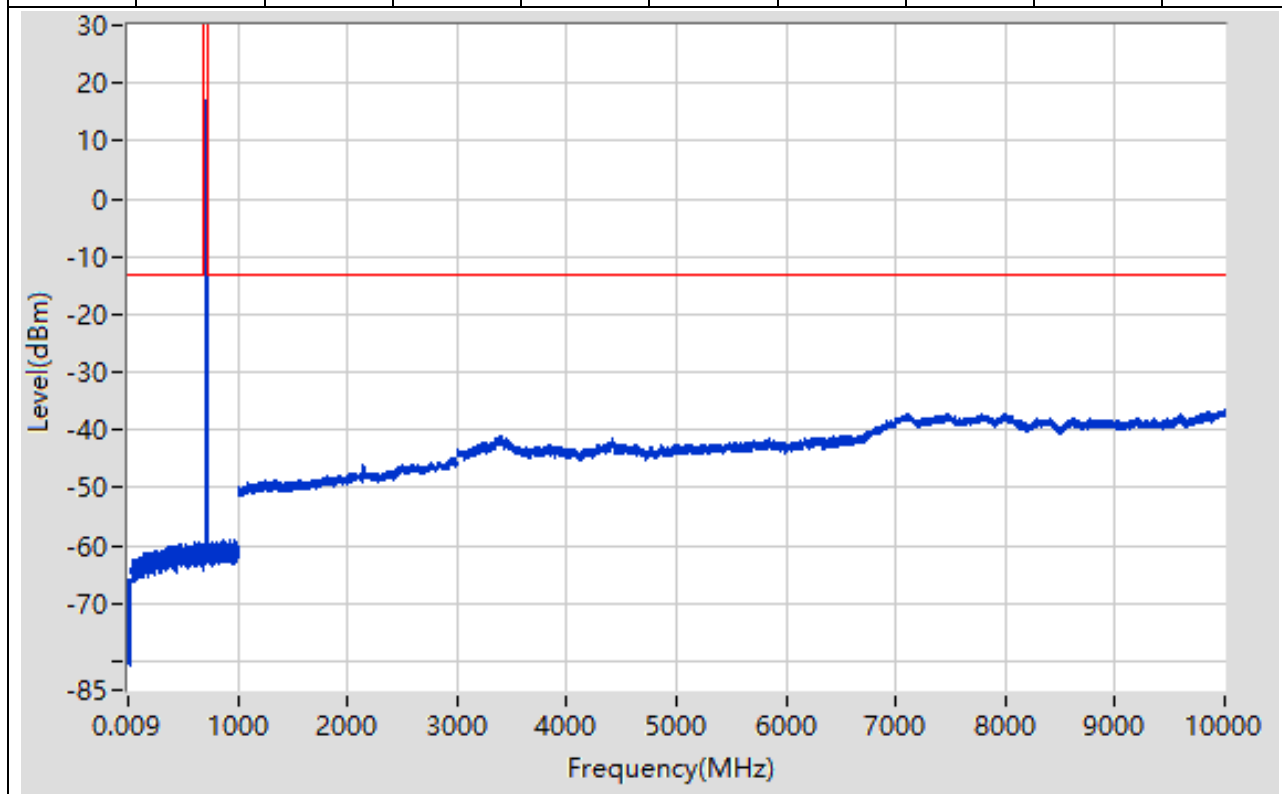
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -67.15      | -13         | 54.15       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.35           | -65.82      | -13         | 52.82       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 626.2           | -59.47      | -13         | 46.47       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 715.825         | 21.63       | 60          | 38.37       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 970             | -59.18      | -13         | 46.18       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2922            | -45.3       | -13         | 32.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9998            | -36.71      | -13         | 23.71       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_High

### 17.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

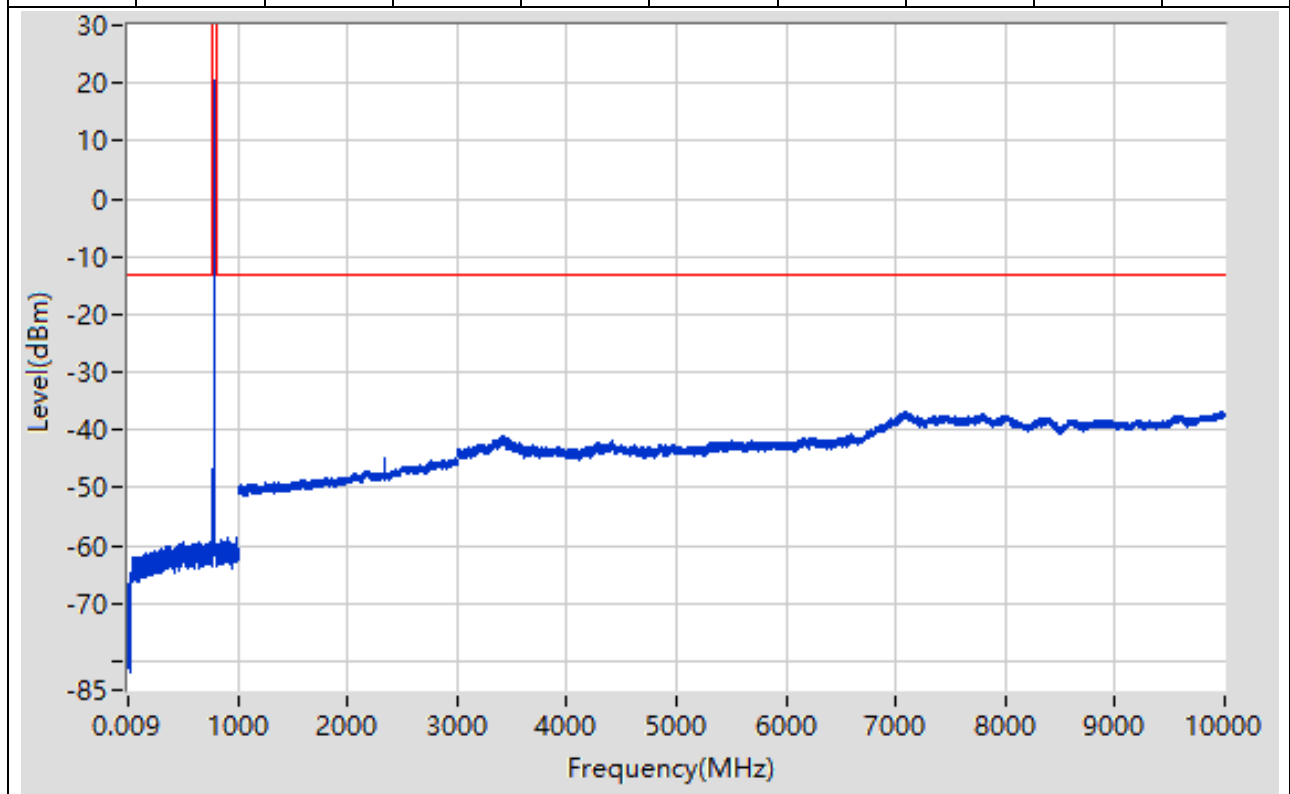
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.05      | -13         | 54.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.74            | -65.73      | -13         | 52.73       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 644.2           | -59.43      | -13         | 46.43       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 715.825         | 21.55       | 60          | 38.45       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 859.3           | -59.02      | -13         | 46.02       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2965            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9997            | -36.58      | -13         | 23.58       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_Low

### 18.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

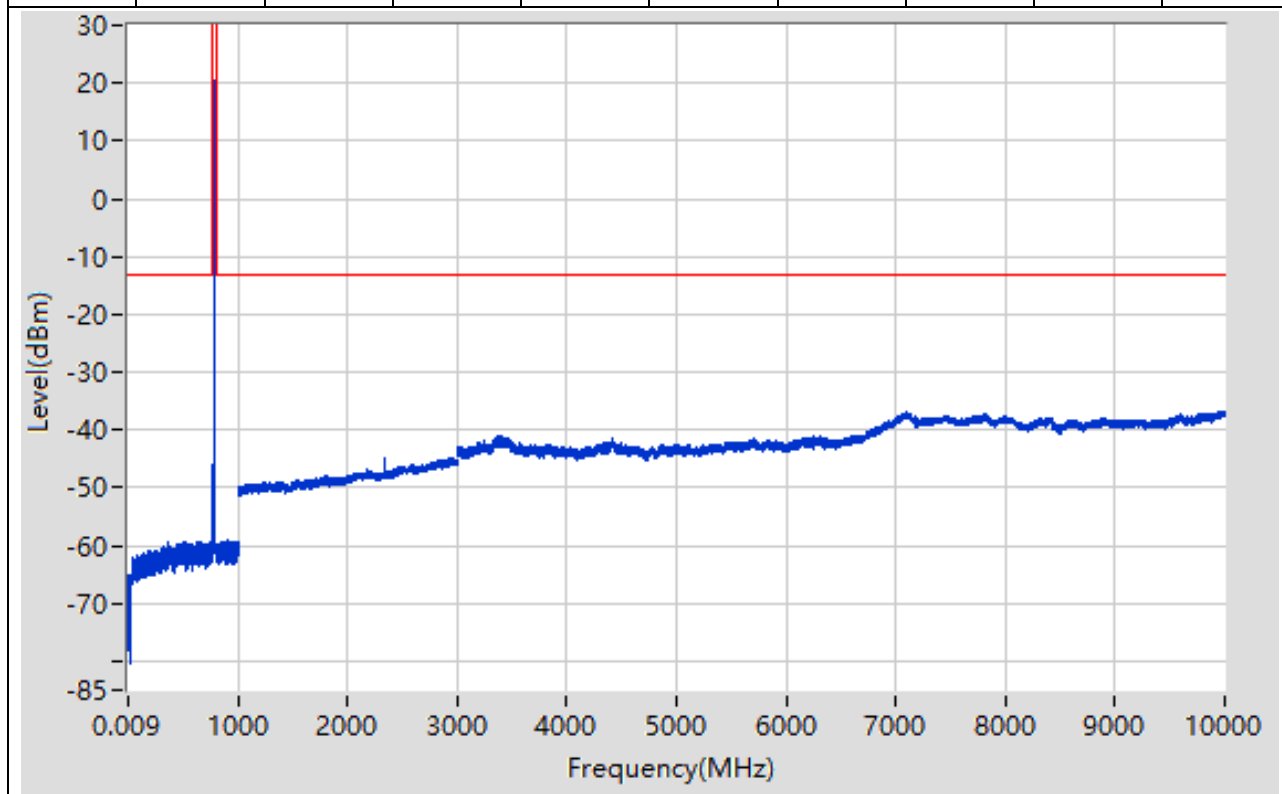
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -66.64      | -13         | 53.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.03           | -65.74      | -13         | 52.74       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 497.2           | -59.46      | -13         | 46.46       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.4        | 60          | 39.6        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 910.3           | -58.51      | -13         | 45.51       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2977            | -44.79      | -13         | 31.79       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9981            | -36.76      | -13         | 23.76       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_Low

### 18.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

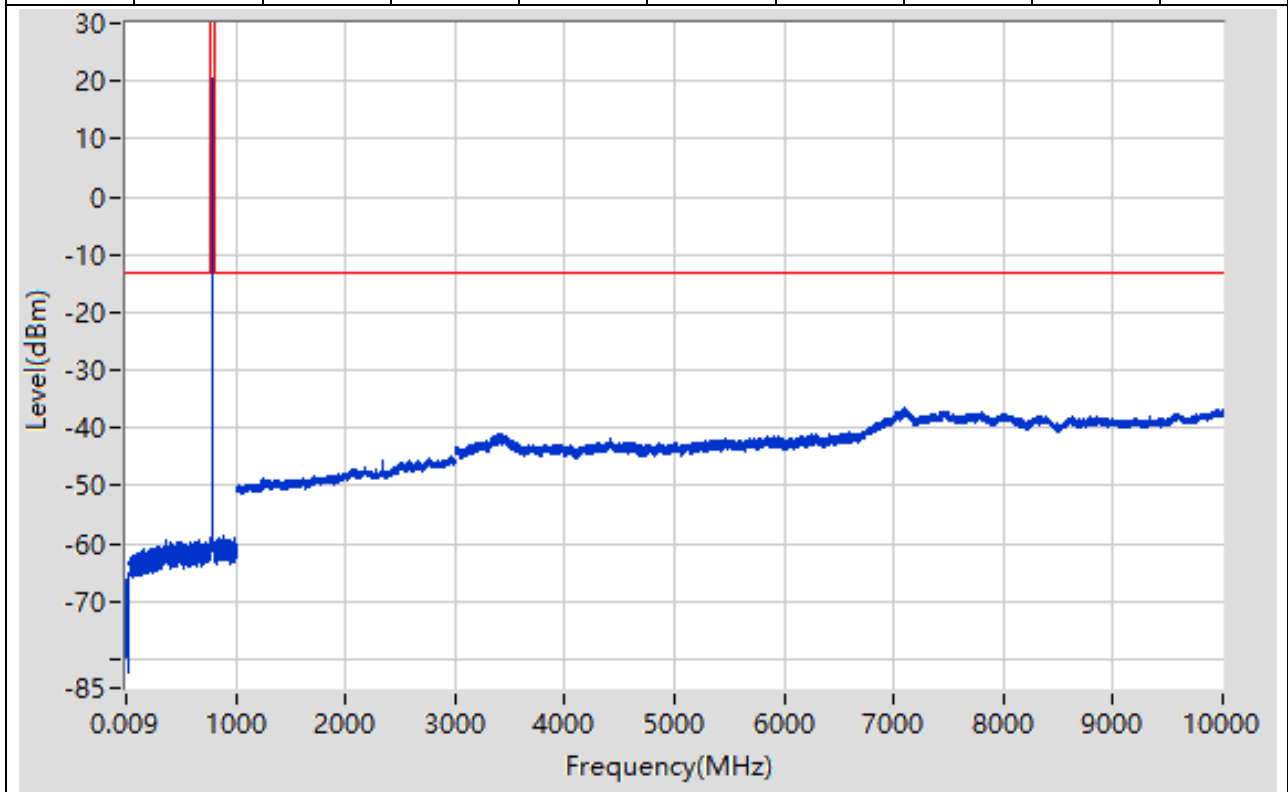
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.43      | -13         | 52.43       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.64            | -65.28      | -13         | 52.28       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 766.5           | -59.17      | -13         | 46.17       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.37       | 60          | 39.63       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 916.6           | -59.18      | -13         | 46.18       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2331            | -44.72      | -13         | 31.72       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7100            | -36.75      | -13         | 23.75       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_Mid

### 18.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

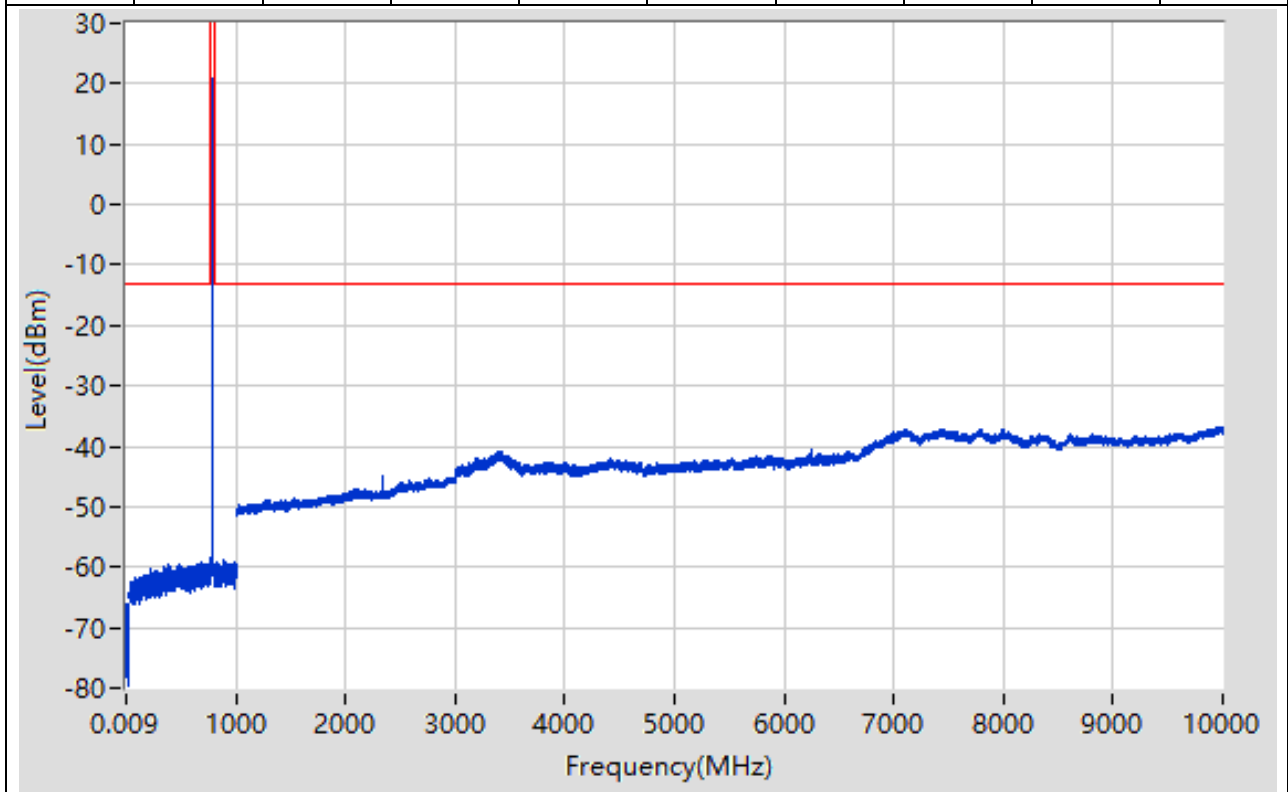
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -66.36      | -13         | 53.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.53           | -65.21      | -13         | 52.21       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 663.1           | -59.34      | -13         | 46.34       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.41       | 60          | 39.59       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 887.6           | -58.77      | -13         | 45.77       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2960            | -44.9       | -13         | 31.9        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7092            | -36.64      | -13         | 23.64       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_Mid

### 18.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

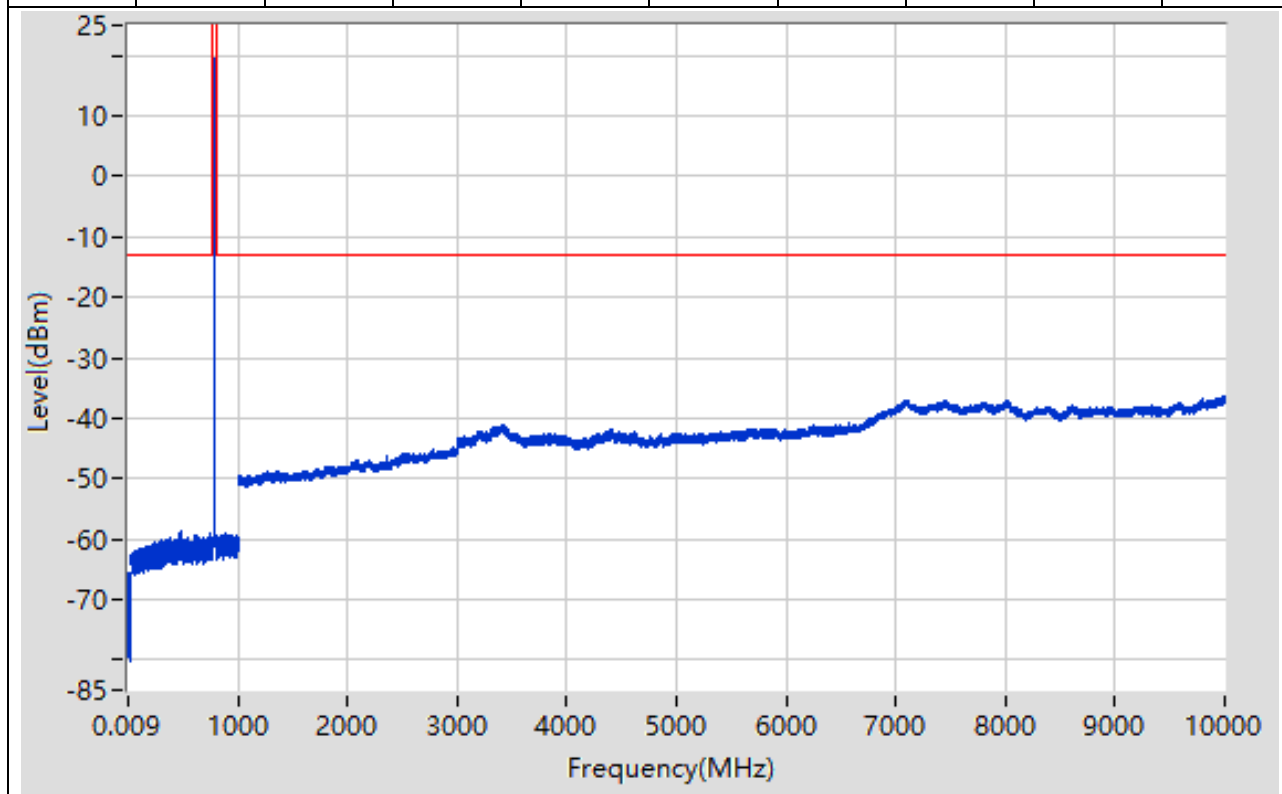
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.08      | -13         | 53.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 13.59           | -66.13      | -13         | 53.13       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 679.5           | -59.34      | -13         | 46.34       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.8        | 60          | 39.2        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 894.7           | -58.92      | -13         | 45.92       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2346            | -44.74      | -13         | 31.74       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9966            | -36.8       | -13         | 23.8        | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_High

### 18.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

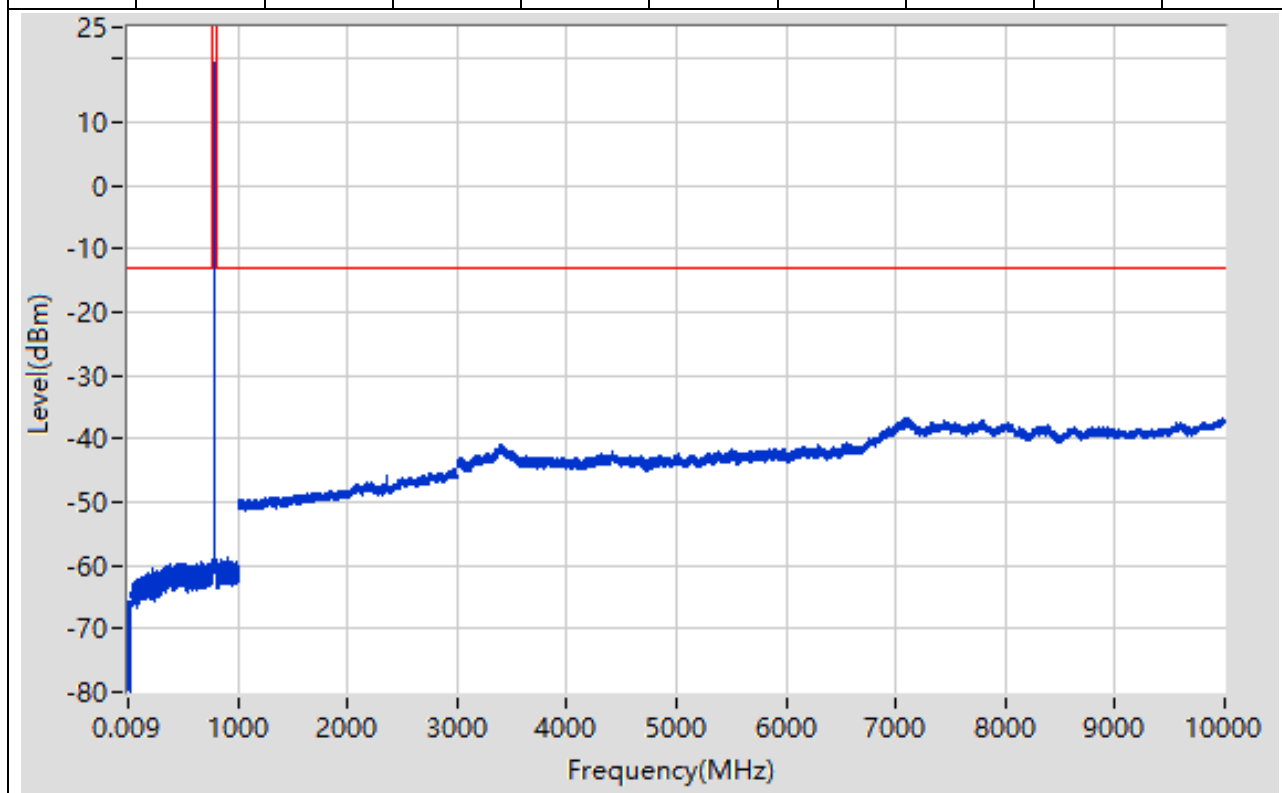
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -66.57      | -13         | 53.57       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 7.58            | -65.53      | -13         | 52.53       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 477.8           | -58.82      | -13         | 45.82       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.8           | 19.6        | 60          | 40.4        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 884.3           | -58.98      | -13         | 45.98       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2965            | -44.91      | -13         | 31.91       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9997            | -36.45      | -13         | 23.45       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_High

### 18.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

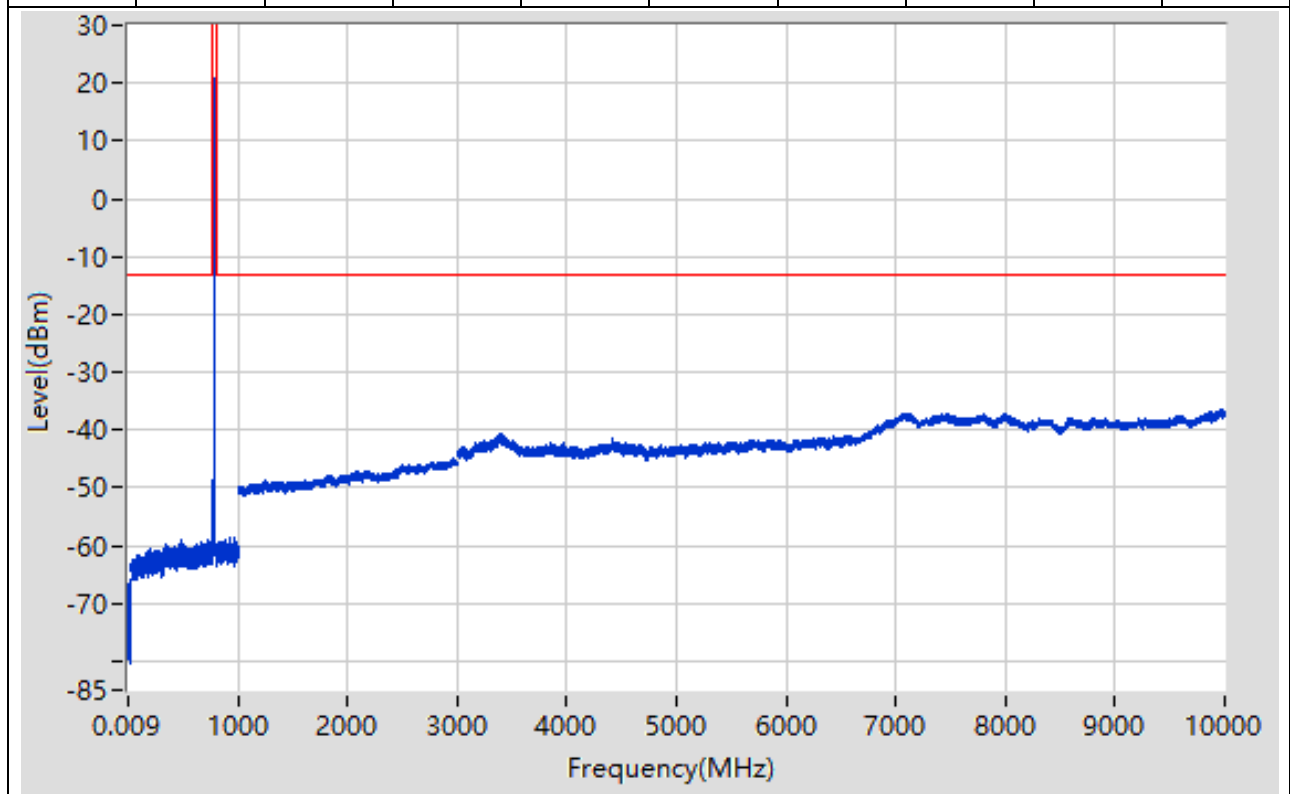
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.015           | -65.8       | -13         | 52.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.54           | -65.8       | -13         | 52.8        | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 762.7           | -59.54      | -13         | 46.54       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.8           | 19.57       | 60          | 40.43       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 903.9           | -58.79      | -13         | 45.79       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2960            | -44.92      | -13         | 31.92       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7107            | -36.81      | -13         | 23.81       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_Low

### 18.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

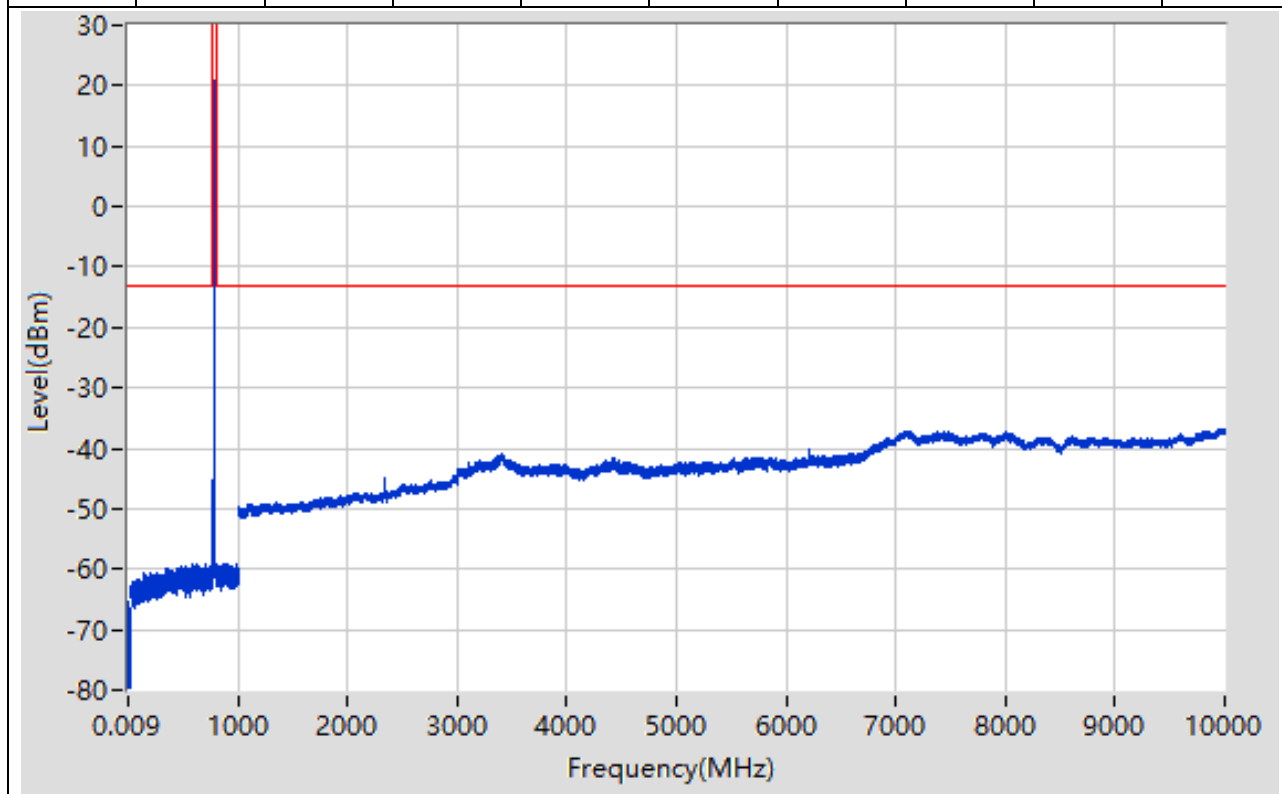
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.034           | -67.42      | -13         | 54.42       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.36           | -65.8       | -13         | 52.8        | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 728.7           | -59.01      | -13         | 46.01       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.72       | 60          | 39.28       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 937.3           | -58.77      | -13         | 45.77       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2959            | -45         | -13         | 32          | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9982            | -36.44      | -13         | 23.44       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_Low

### 18.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

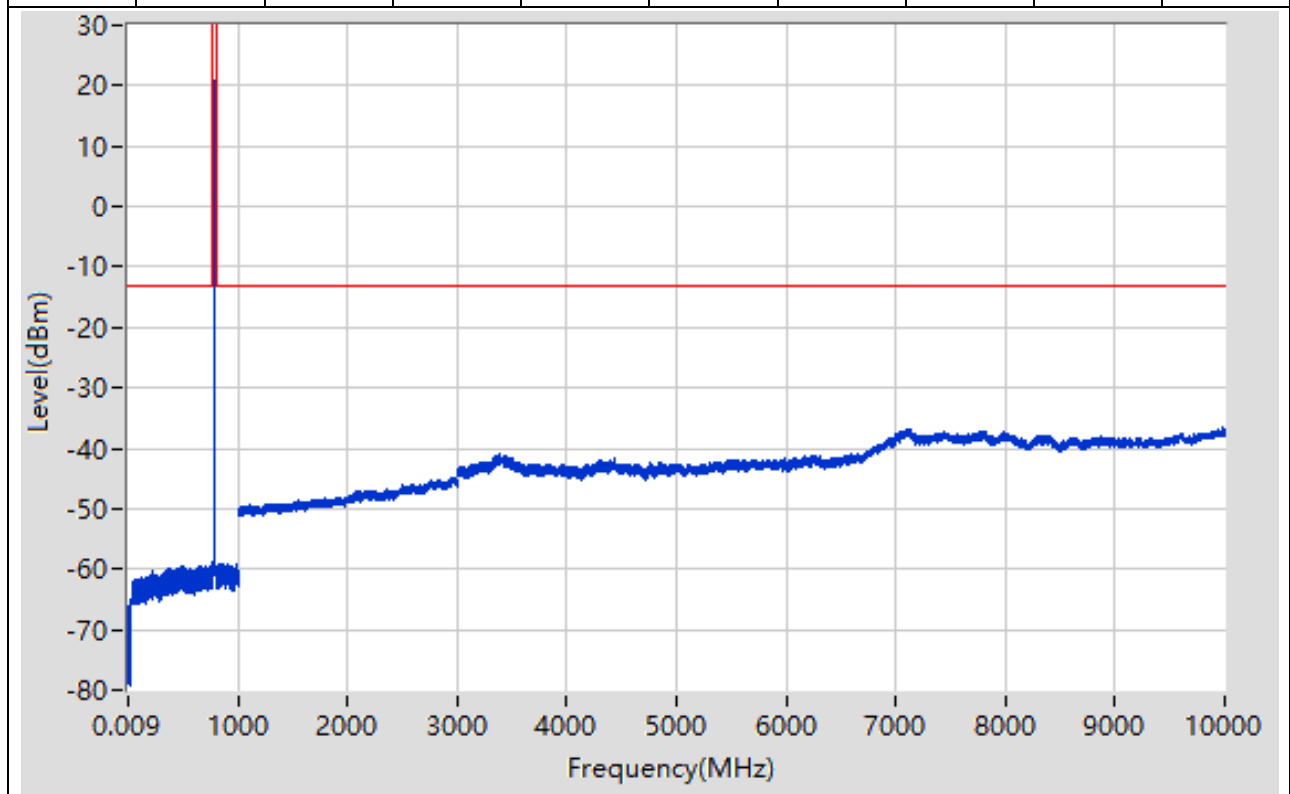
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.24      | -13         | 53.24       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.59            | -65.26      | -13         | 52.26       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 710.6           | -59.22      | -13         | 46.22       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.68       | 60          | 39.32       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 990.8           | -59.05      | -13         | 46.05       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2979            | -44.66      | -13         | 31.66       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9969            | -36.79      | -13         | 23.79       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_Mid

### 18.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

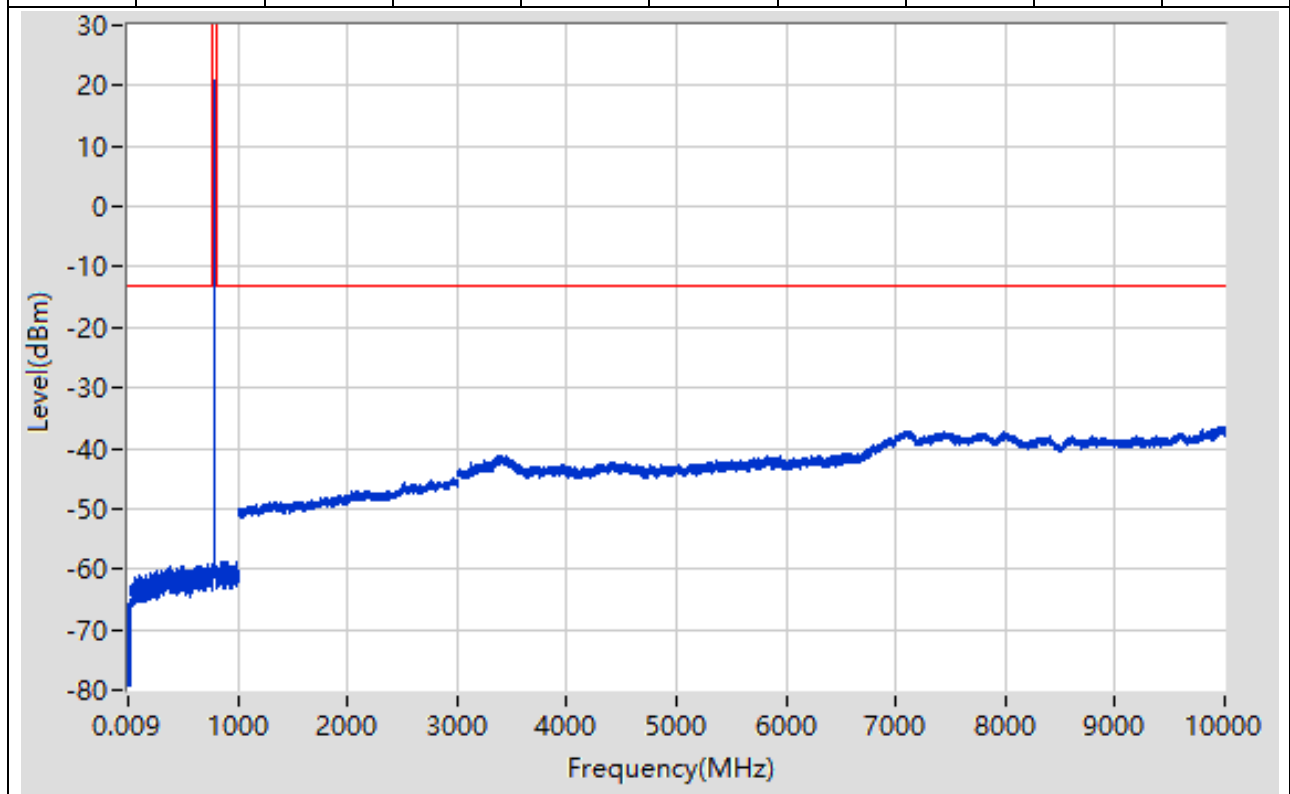
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.78      | -13         | 53.78       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 11.36           | -65.64      | -13         | 52.64       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 738.5           | -59.38      | -13         | 46.38       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.8        | 60          | 39.2        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 874.2           | -59.01      | -13         | 46.01       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2974            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9987            | -36.67      | -13         | 23.67       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_Mid

### 18.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

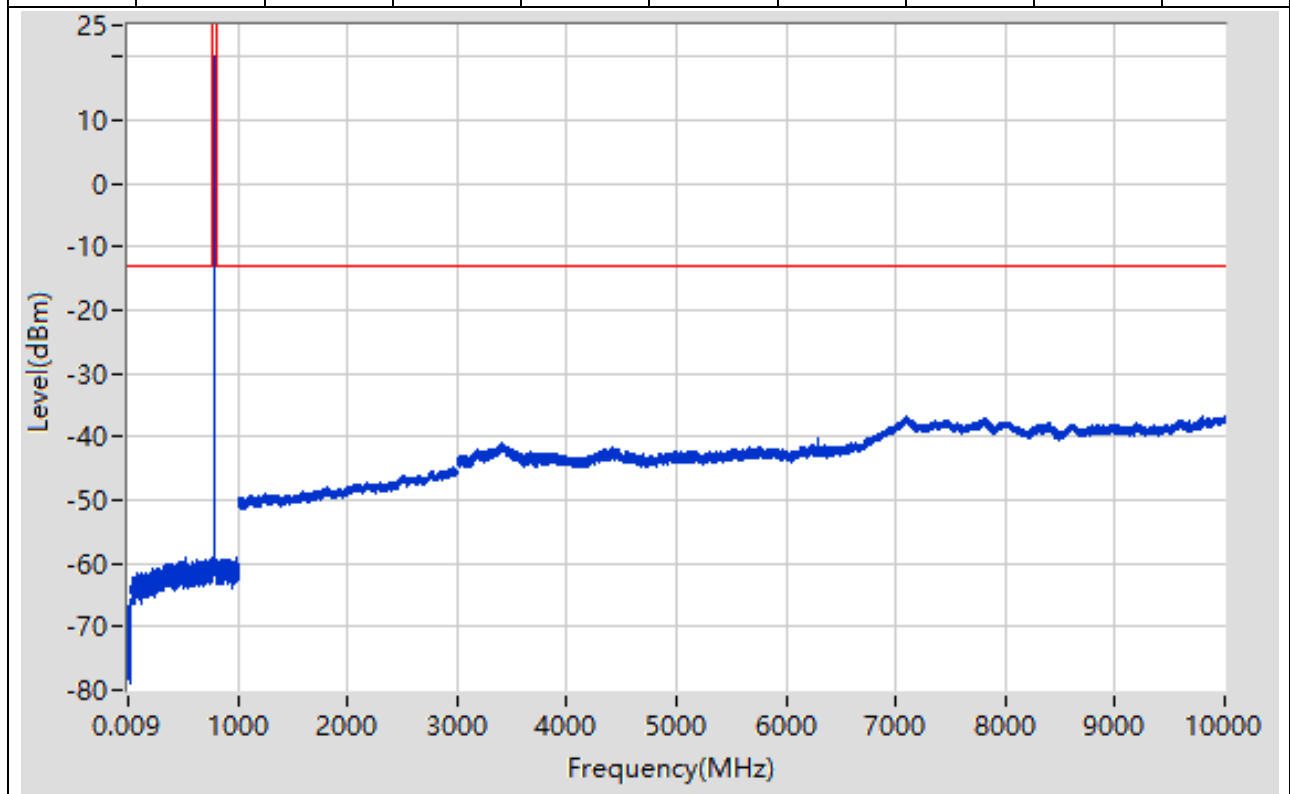
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.37      | -13         | 53.37       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.7            | -65.17      | -13         | 52.17       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 732.2           | -59.34      | -13         | 46.34       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.75       | 60          | 39.25       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 980.8           | -58.7       | -13         | 45.7        | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2955            | -44.85      | -13         | 31.85       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9934            | -36.54      | -13         | 23.54       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_High

### 18.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

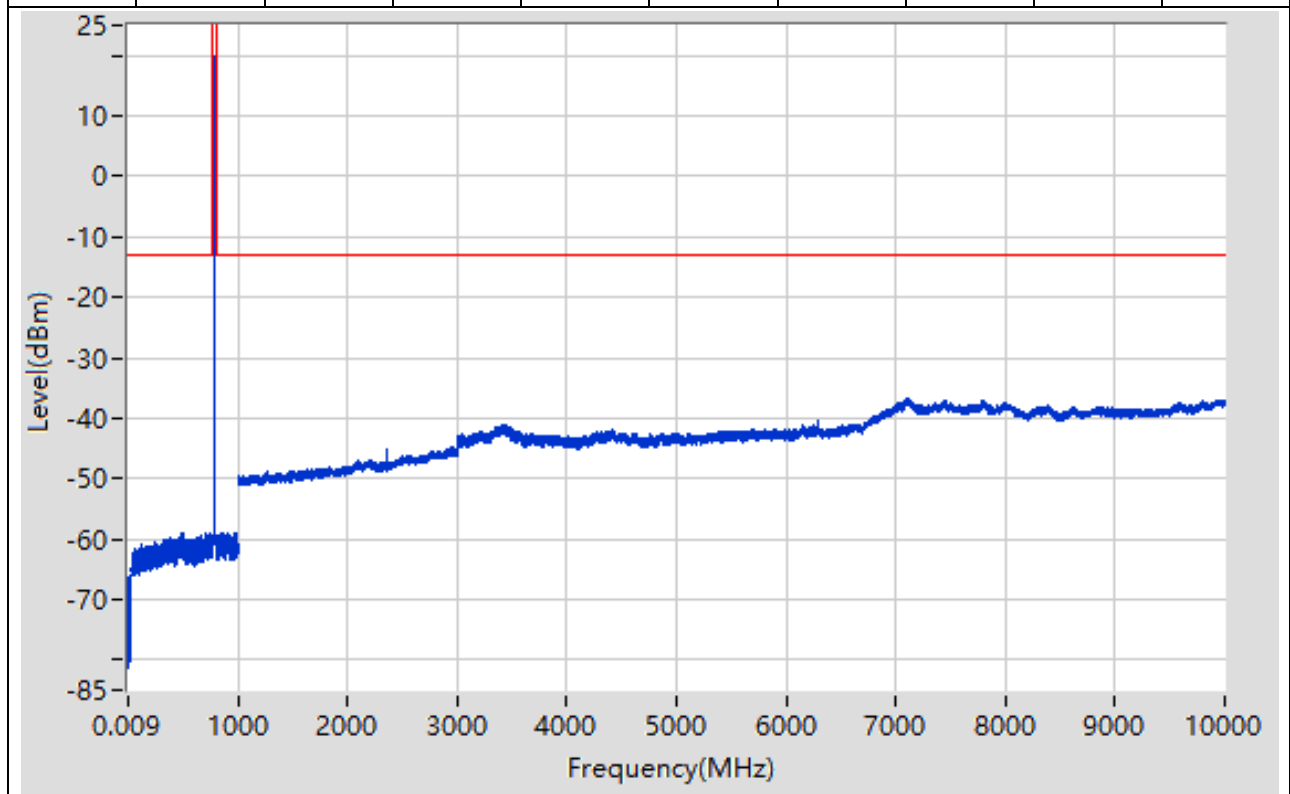
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.81      | -13         | 53.81       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.68           | -65.69      | -13         | 52.69       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 518.9           | -59.22      | -13         | 46.22       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.875         | 19.97       | 60          | 40.03       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 984.4           | -59.2       | -13         | 46.2        | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2968            | -44.91      | -13         | 31.91       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9997            | -36.81      | -13         | 23.81       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_High

### 18.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

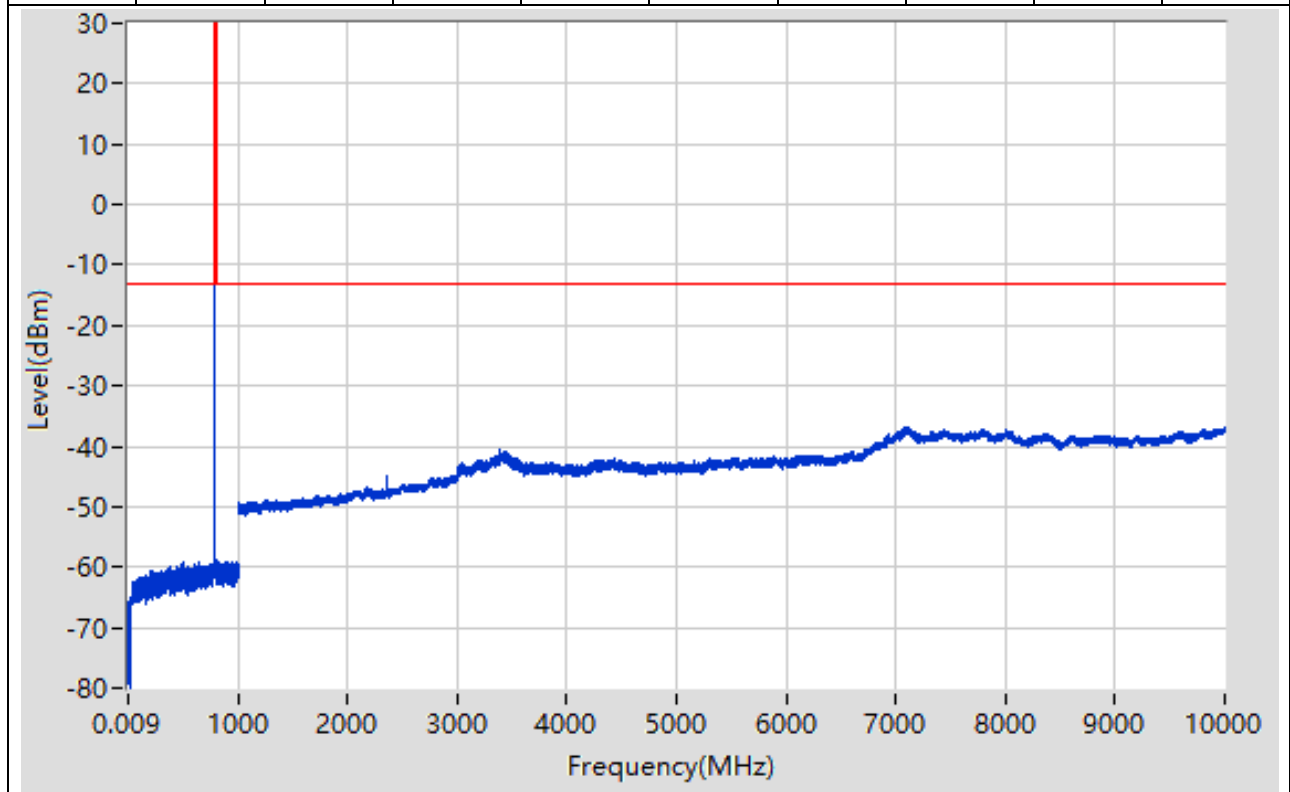
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -67.47      | -13         | 54.47       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.53           | -66.14      | -13         | 53.14       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 477.9           | -58.97      | -13         | 45.97       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.875         | 19.75       | 60          | 40.25       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 839.9           | -59.03      | -13         | 46.03       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2970            | -44.85      | -13         | 31.85       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7088            | -36.88      | -13         | 23.88       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_Low

### 19.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

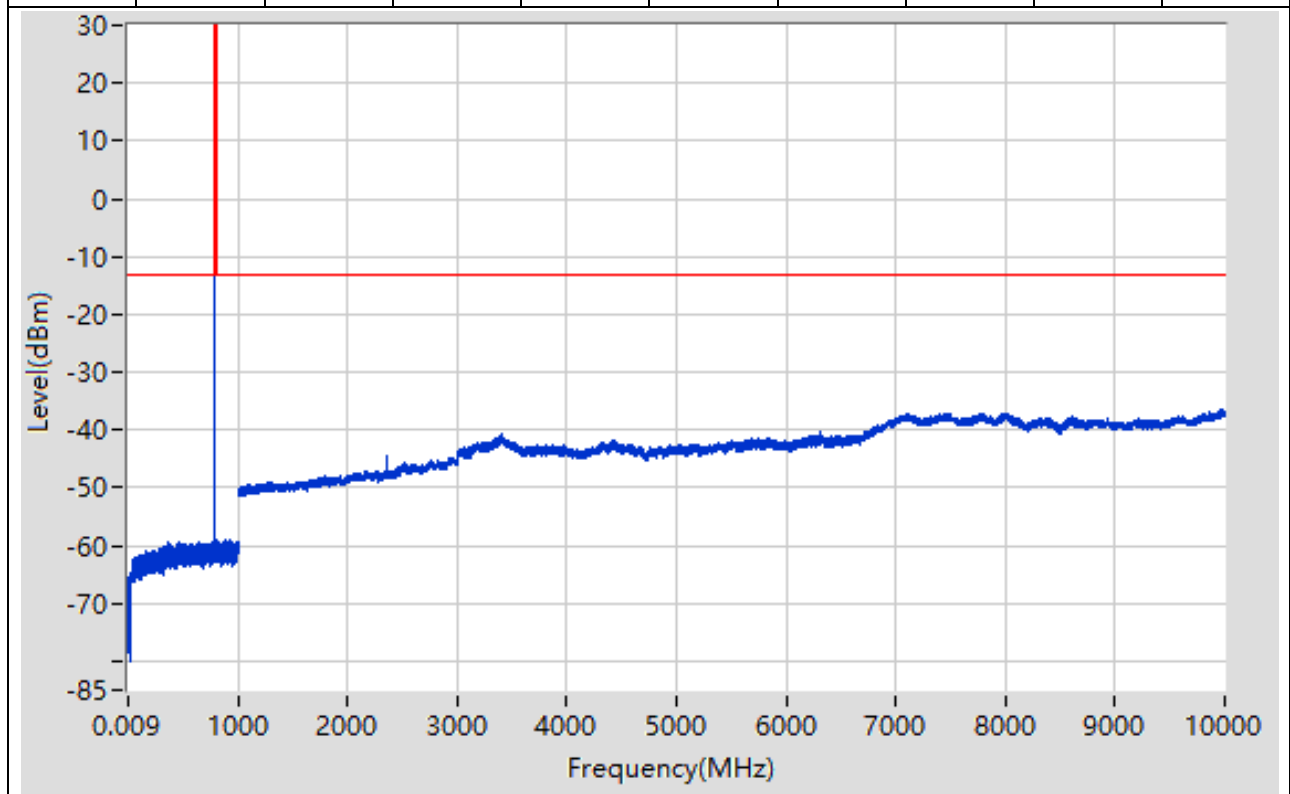
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -66.01      | -13         | 53.01       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.33           | -65.71      | -13         | 52.71       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 496.5           | -59.14      | -13         | 46.14       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 20.46       | 60          | 39.54       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 879.2           | -58.99      | -13         | 45.99       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2364            | -44.83      | -13         | 31.83       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7092            | -36.78      | -13         | 23.78       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_Low

### 19.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

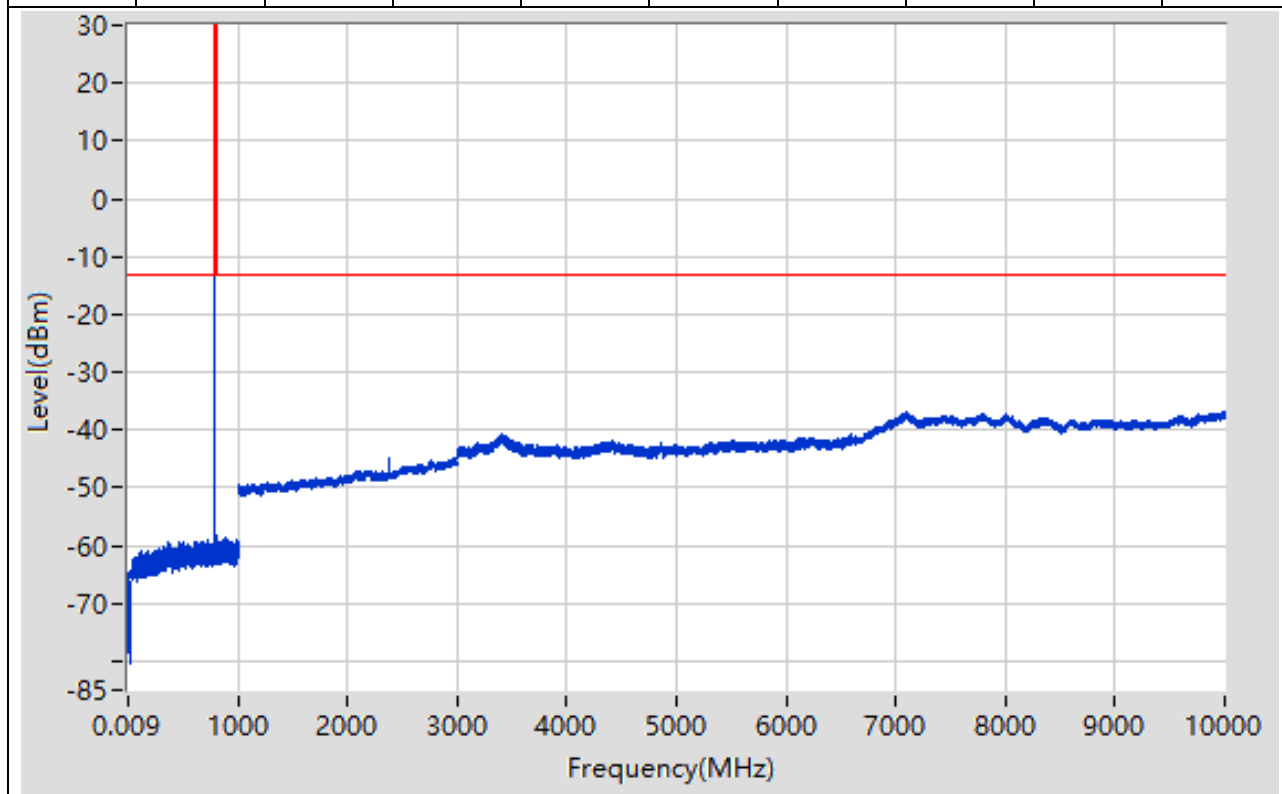
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.05      | -13         | 53.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 22.21           | -65.41      | -13         | 52.41       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 470.6           | -59.38      | -13         | 46.38       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 20.01       | 60          | 39.99       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 919.7           | -59.08      | -13         | 46.08       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2364            | -44.43      | -13         | 31.43       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9985            | -36.39      | -13         | 23.39       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_Mid

### 19.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

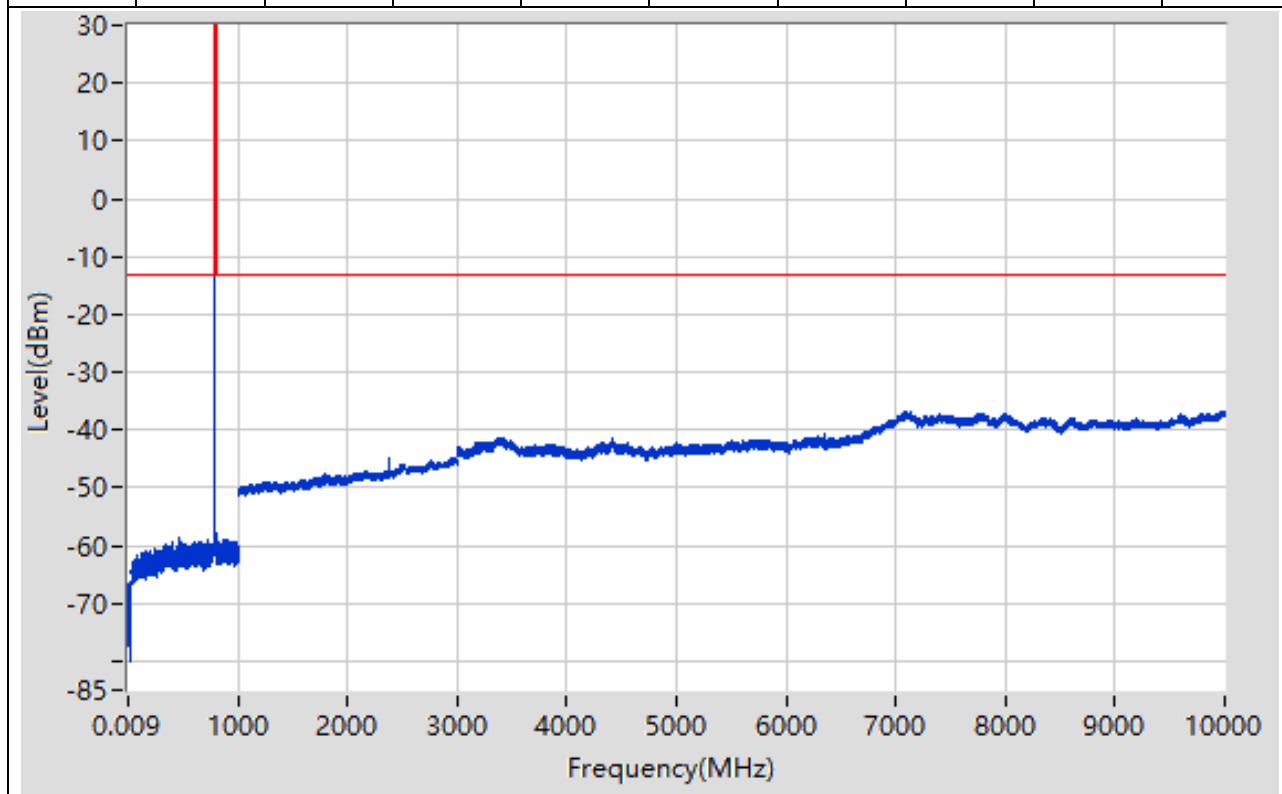
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.022           | -66.76      | -13         | 53.76       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 2.57            | -64.6       | -13         | 51.6        | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 728.1           | -58.87      | -13         | 45.87       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.62       | 60          | 39.38       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 892.3           | -58.76      | -13         | 45.76       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2963            | -44.79      | -13         | 31.79       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7095            | -36.83      | -13         | 23.83       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_Mid

### 19.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

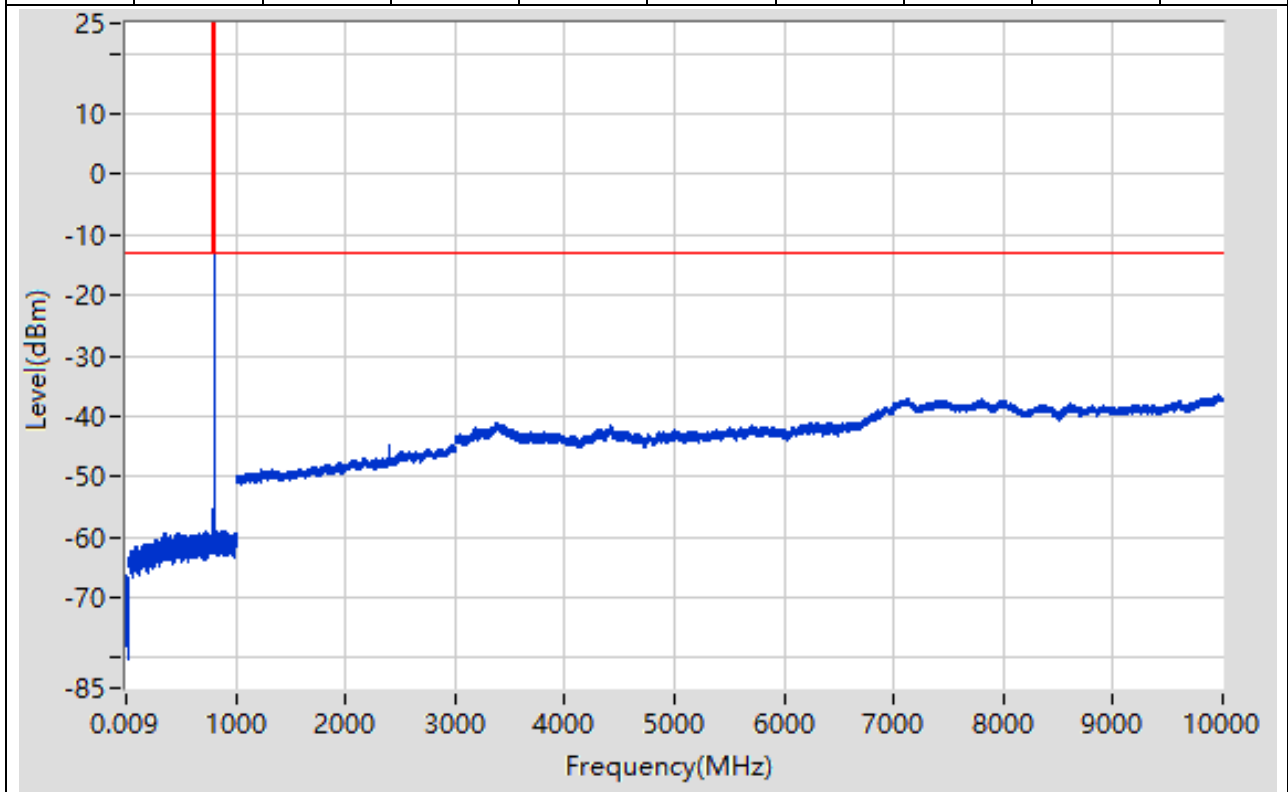
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.77      | -13         | 53.77       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.41           | -66.28      | -13         | 53.28       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 457.2           | -58.83      | -13         | 45.83       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.61       | 60          | 39.39       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 883.5           | -58.94      | -13         | 45.94       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2379            | -44.87      | -13         | 31.87       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9973            | -36.72      | -13         | 23.72       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_High

### 19.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

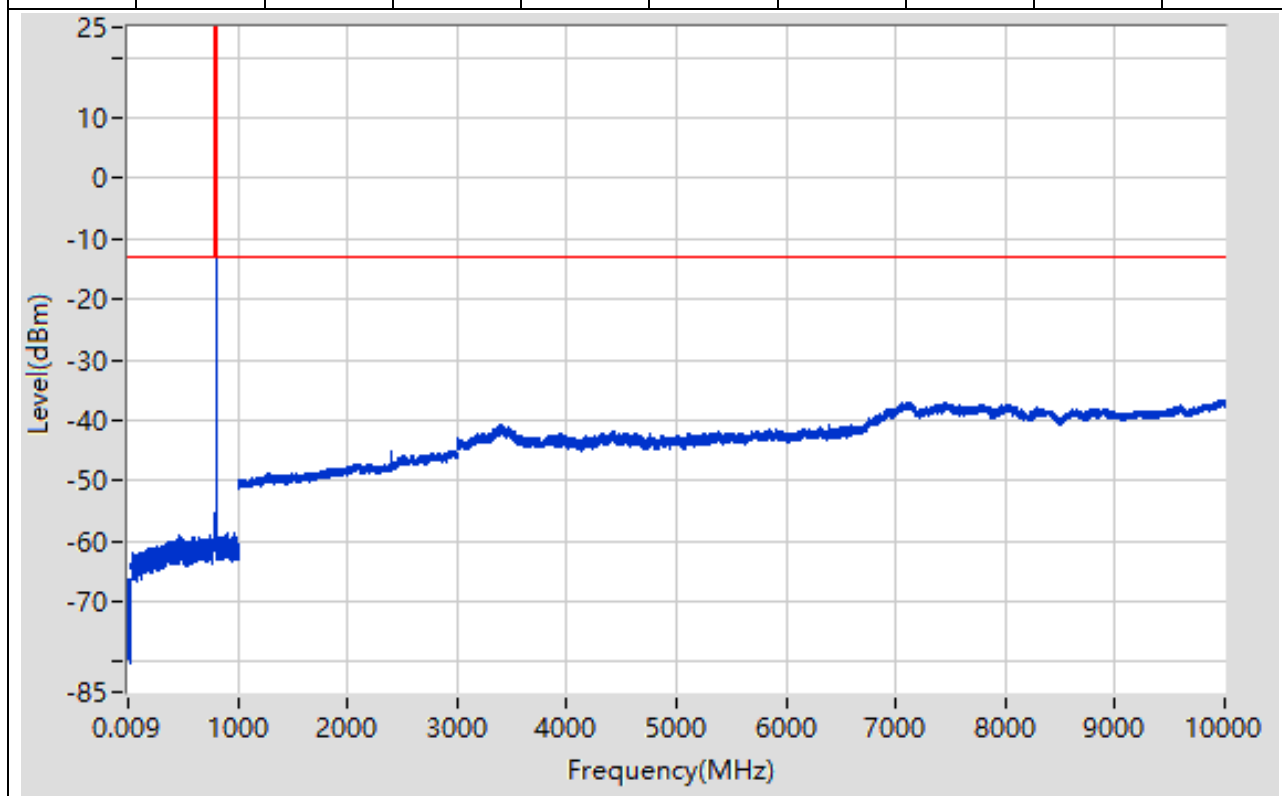
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.018           | -67.49      | -13         | 54.49       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 3.49            | -66.49      | -13         | 53.49       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 729.8           | -59.23      | -13         | 46.23       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.8           | 19.61       | 60          | 40.39       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 858.1           | -58.89      | -13         | 45.89       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2393            | -44.8       | -13         | 31.8        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9965            | -36.56      | -13         | 23.56       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_High

### 19.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

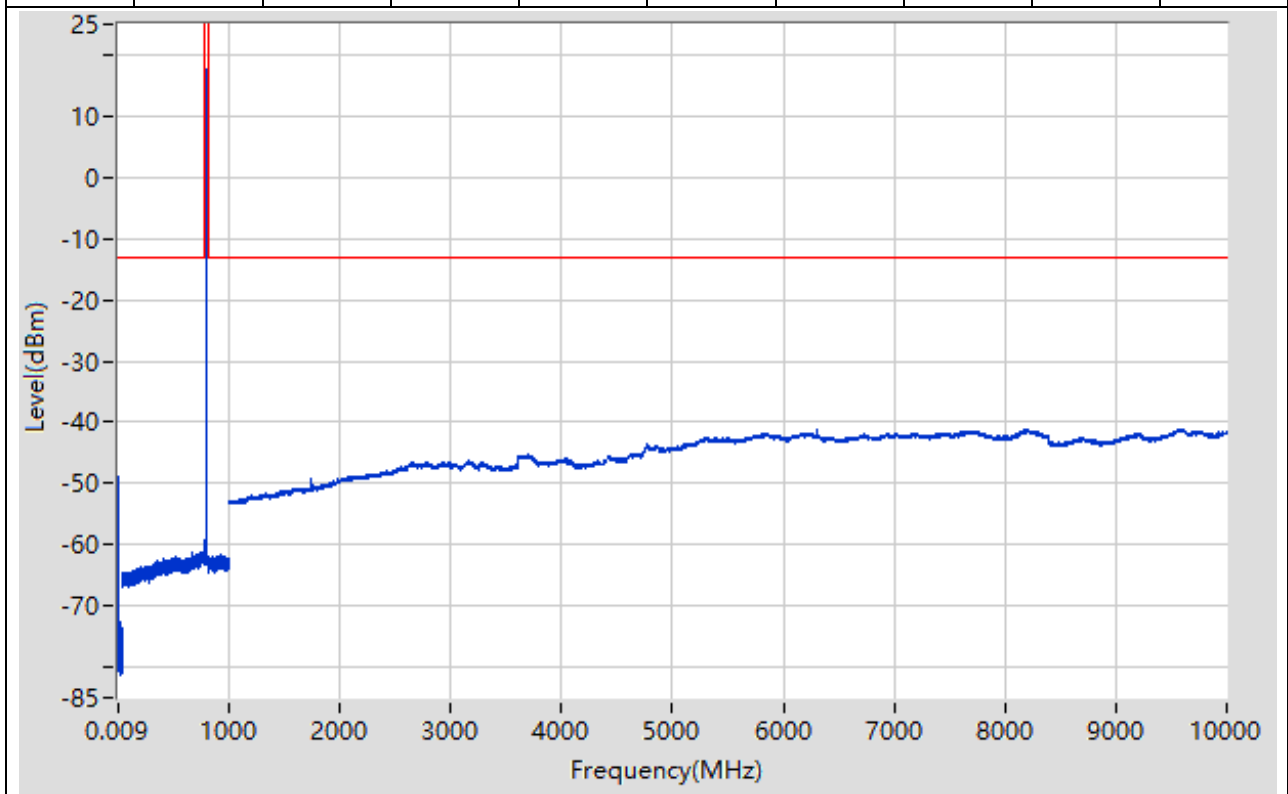
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.036           | -66.82      | -13         | 53.82       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.36           | -66.36      | -13         | 53.36       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 741.8           | -58.99      | -13         | 45.99       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.8           | 19.67       | 60          | 40.33       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 959.5           | -58.69      | -13         | 45.69       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2967            | -45.17      | -13         | 32.17       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9947            | -36.72      | -13         | 23.72       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_Low

### 19.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

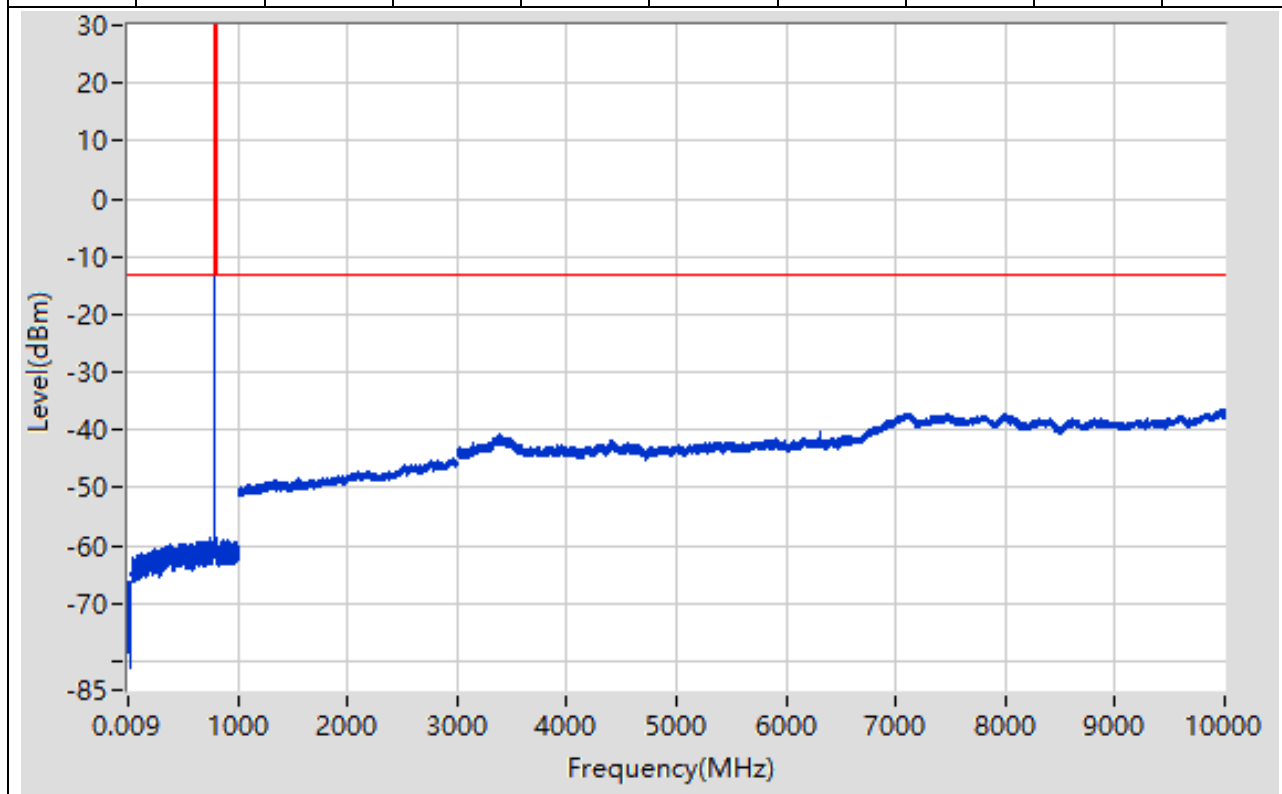
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.88      | -13         | 35.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.01      | -13         | 45.01       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 777.4           | -61.04      | -13         | 48.04       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 17.64       | 60          | 42.36       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 923.3           | -61.6       | -13         | 48.6        | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2998            | -46.58      | -13         | 33.58       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9600            | -41.08      | -13         | 28.08       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_Low

### 19.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

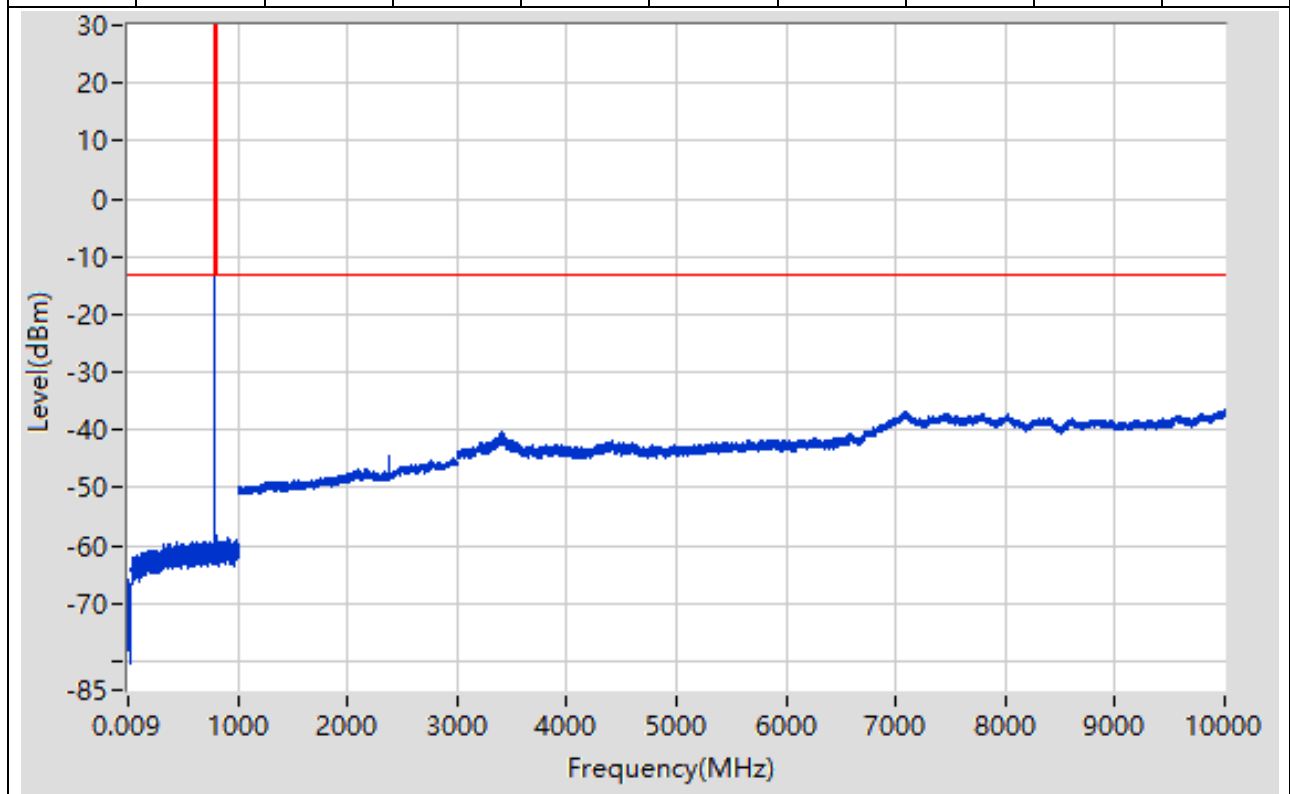
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -66.55      | -13         | 53.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 17.77           | -66.21      | -13         | 53.21       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 742.4           | -58.71      | -13         | 45.71       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 20.81       | 60          | 39.19       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 873.2           | -58.93      | -13         | 45.93       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2957            | -44.97      | -13         | 31.97       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9993            | -36.64      | -13         | 23.64       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_Mid

### 19.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

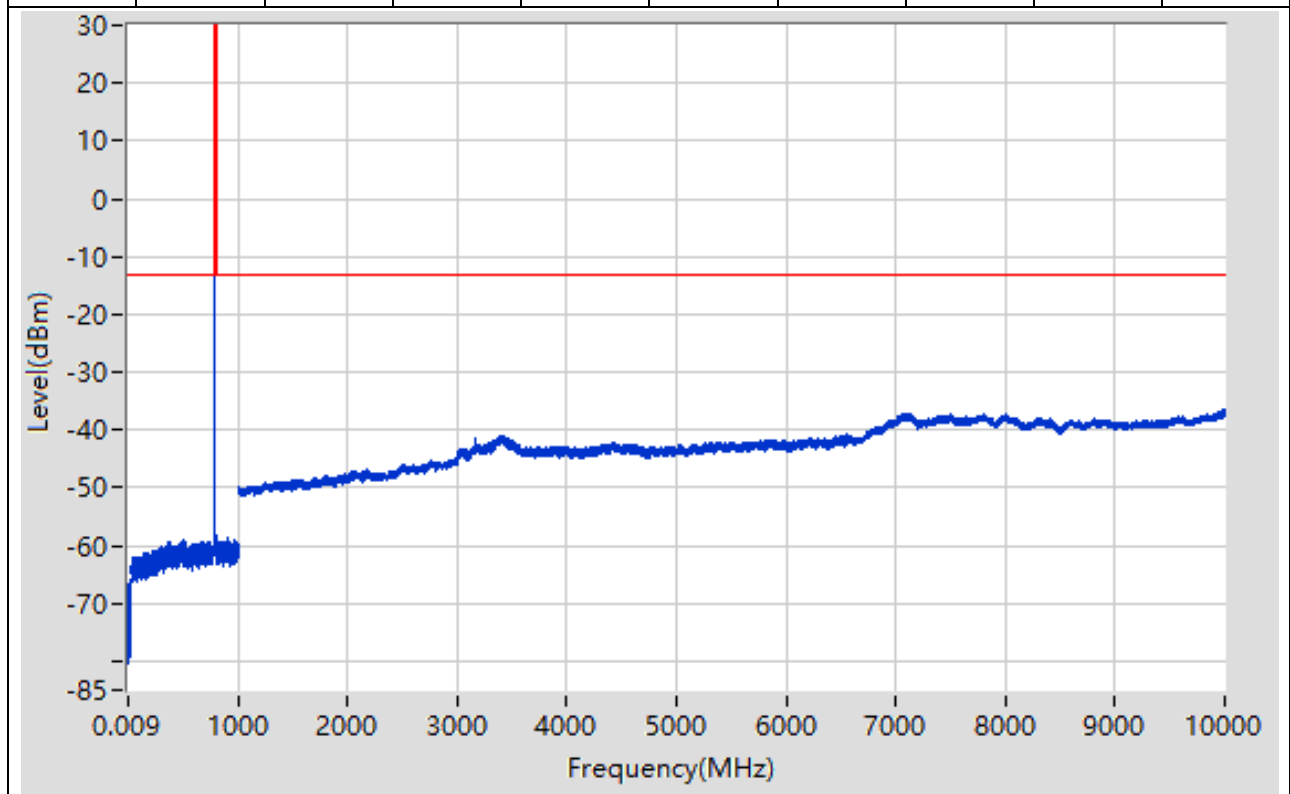
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.021           | -67.4       | -13         | 54.4        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.65            | -65.76      | -13         | 52.76       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 742.7           | -59.24      | -13         | 46.24       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.64       | 60          | 39.36       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 900.5           | -58.68      | -13         | 45.68       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2379            | -44.44      | -13         | 31.44       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9995            | -36.45      | -13         | 23.45       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_Mid

### 19.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

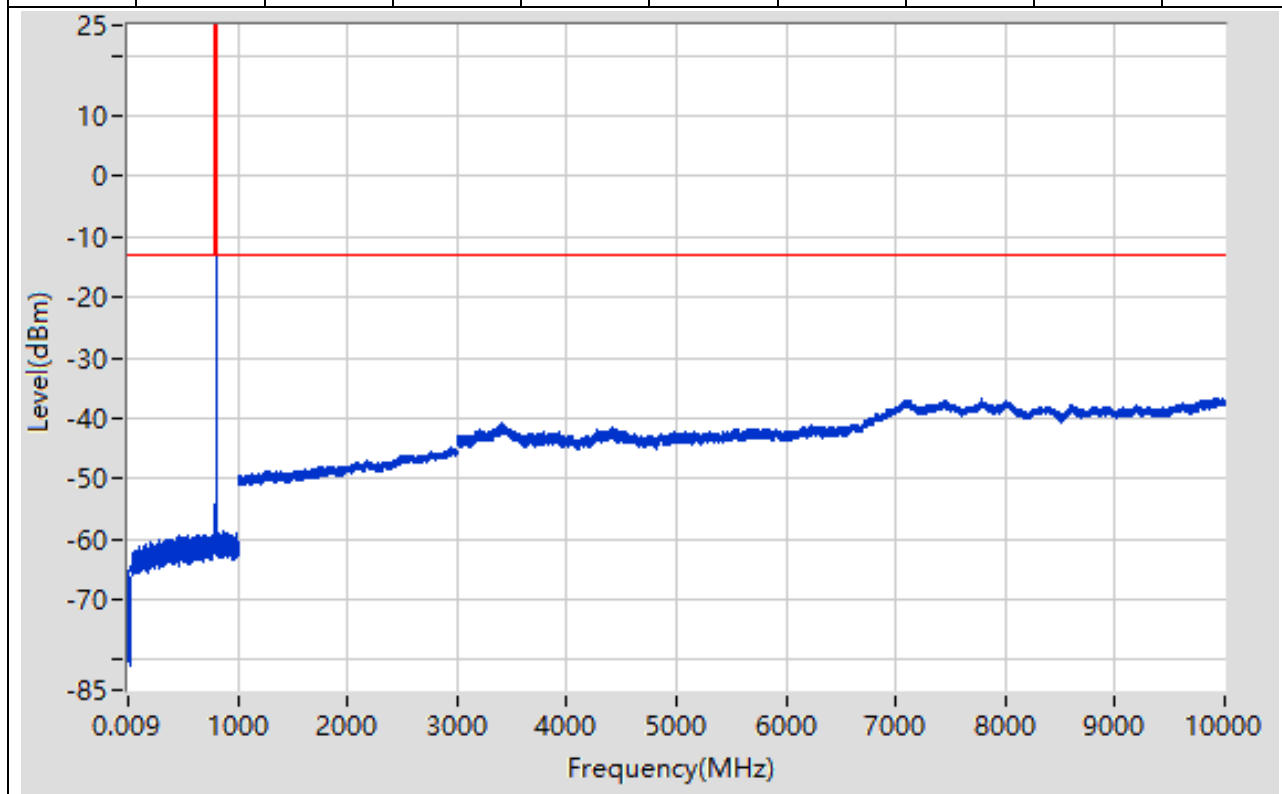
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.08      | -13         | 54.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 20.71           | -65.9       | -13         | 52.9        | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 496.1           | -59.02      | -13         | 46.02       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.65       | 60          | 39.35       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 906.1           | -58.71      | -13         | 45.71       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2992            | -45.02      | -13         | 32.02       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9972            | -36.59      | -13         | 23.59       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_High

### 19.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

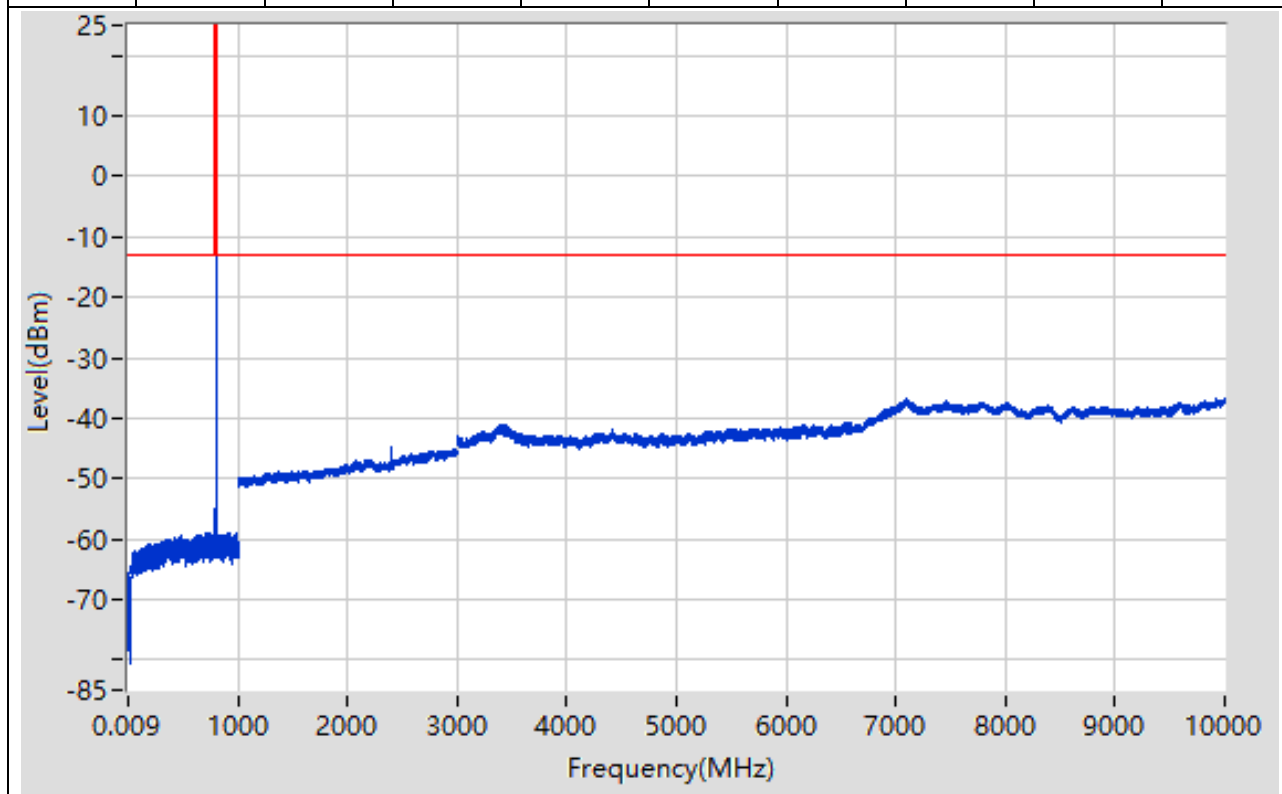
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.39      | -13         | 52.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.34           | -66.33      | -13         | 53.33       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 468.2           | -59.31      | -13         | 46.31       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.875         | 19.85       | 60          | 40.15       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 876.8           | -58.68      | -13         | 45.68       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2944            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9989            | -36.66      | -13         | 23.66       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_High

### 19.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

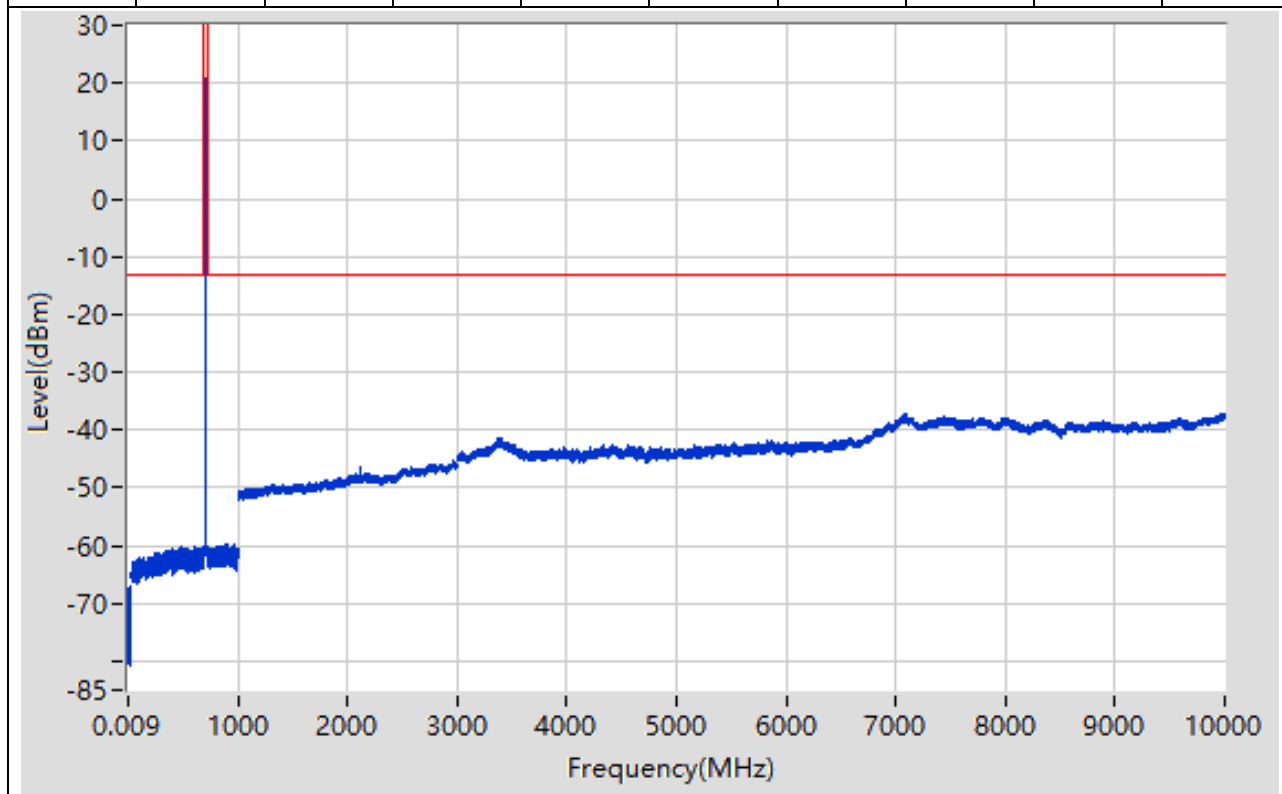
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.031           | -67.67      | -13         | 54.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.27            | -65.63      | -13         | 52.63       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 714.9           | -59.16      | -13         | 46.16       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.875         | 19.91       | 60          | 40.09       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 907.9           | -59.1       | -13         | 46.1        | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2394            | -44.76      | -13         | 31.76       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7098            | -36.85      | -13         | 23.85       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_Low

### 20.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

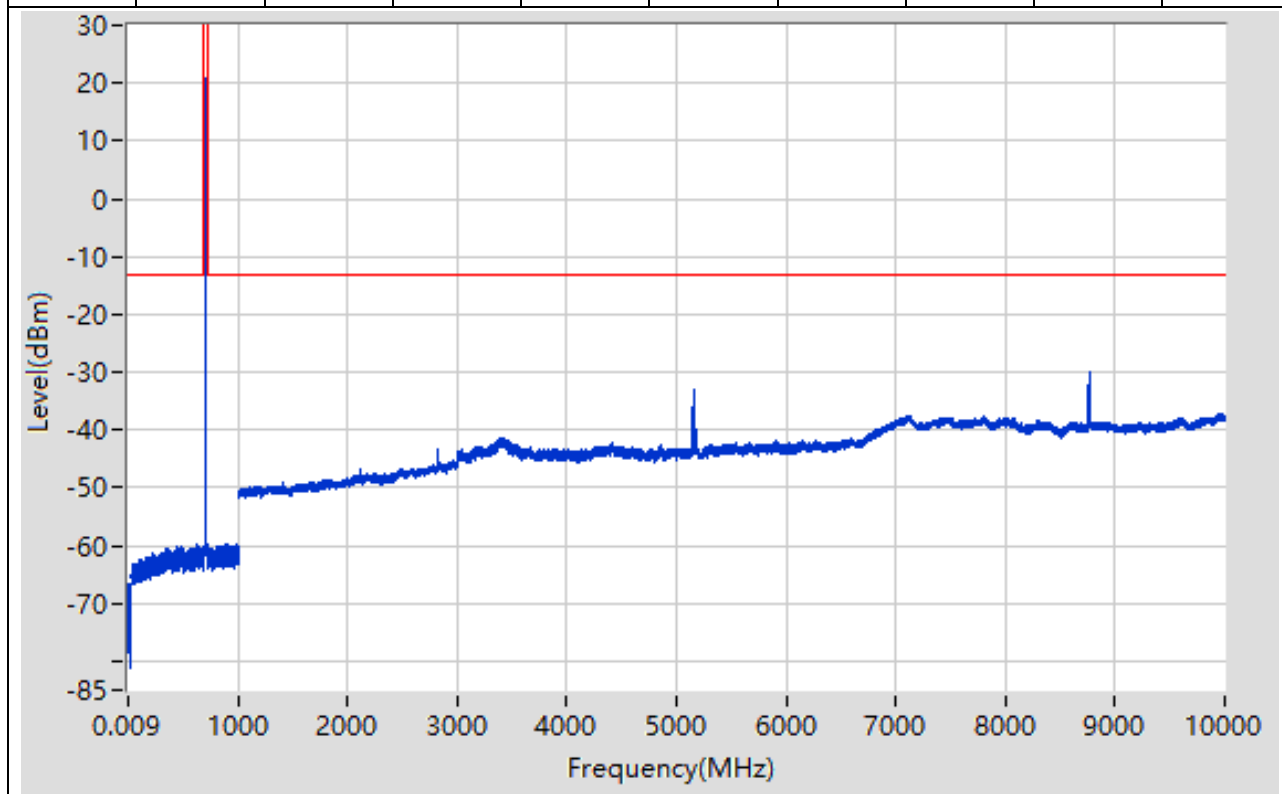
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.27      | -13         | 54.27       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.11           | -67.22      | -13         | 54.22       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 610.1           | -60.17      | -13         | 47.17       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.92       | 60          | 39.08       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 890.6           | -59.6       | -13         | 46.6        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2964            | -45.46      | -13         | 32.46       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 10000           | -37.12      | -13         | 24.12       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_Low

### 20.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

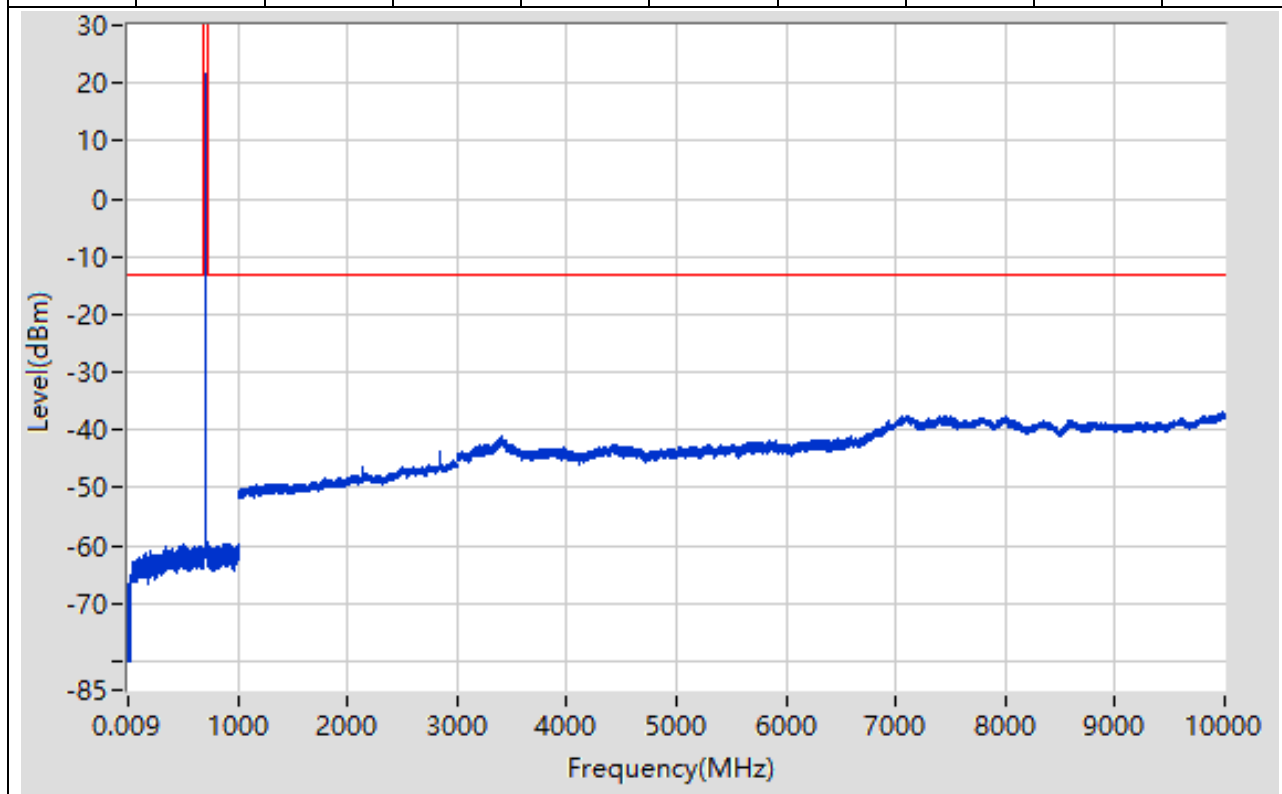
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.028           | -67.89      | -13         | 54.89       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.37           | -66.78      | -13         | 53.78       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 618.4           | -59.7       | -13         | 46.7        | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.84       | 60          | 39.16       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 996.2           | -59.75      | -13         | 46.75       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2816            | -43.39      | -13         | 30.39       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 8766            | -30.11      | -13         | 17.11       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_Mid

### 20.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

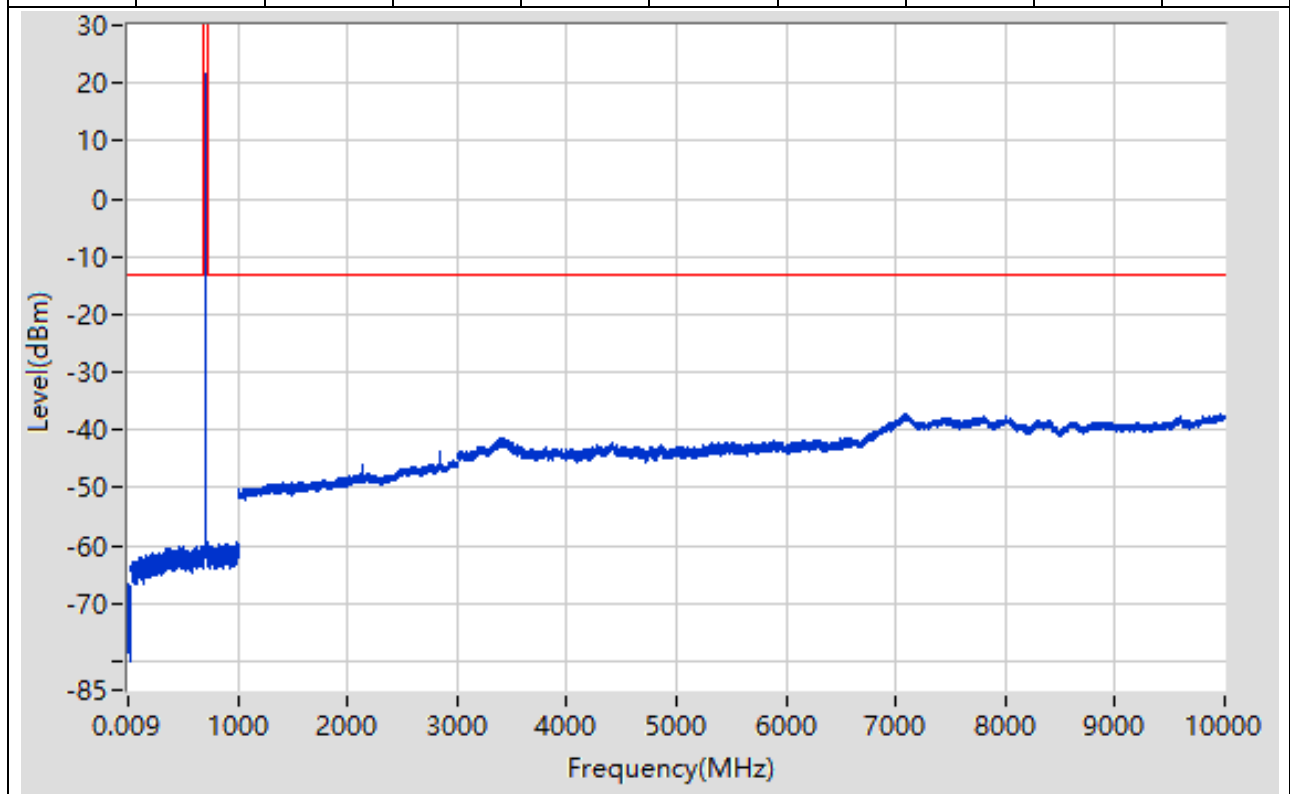
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.54      | -13         | 53.54       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.96           | -66.44      | -13         | 53.44       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 494.4           | -59.72      | -13         | 46.72       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.55       | 60          | 38.45       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 927.8           | -59.65      | -13         | 46.65       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.68      | -13         | 30.68       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9987            | -36.89      | -13         | 23.89       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_Mid

### 20.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

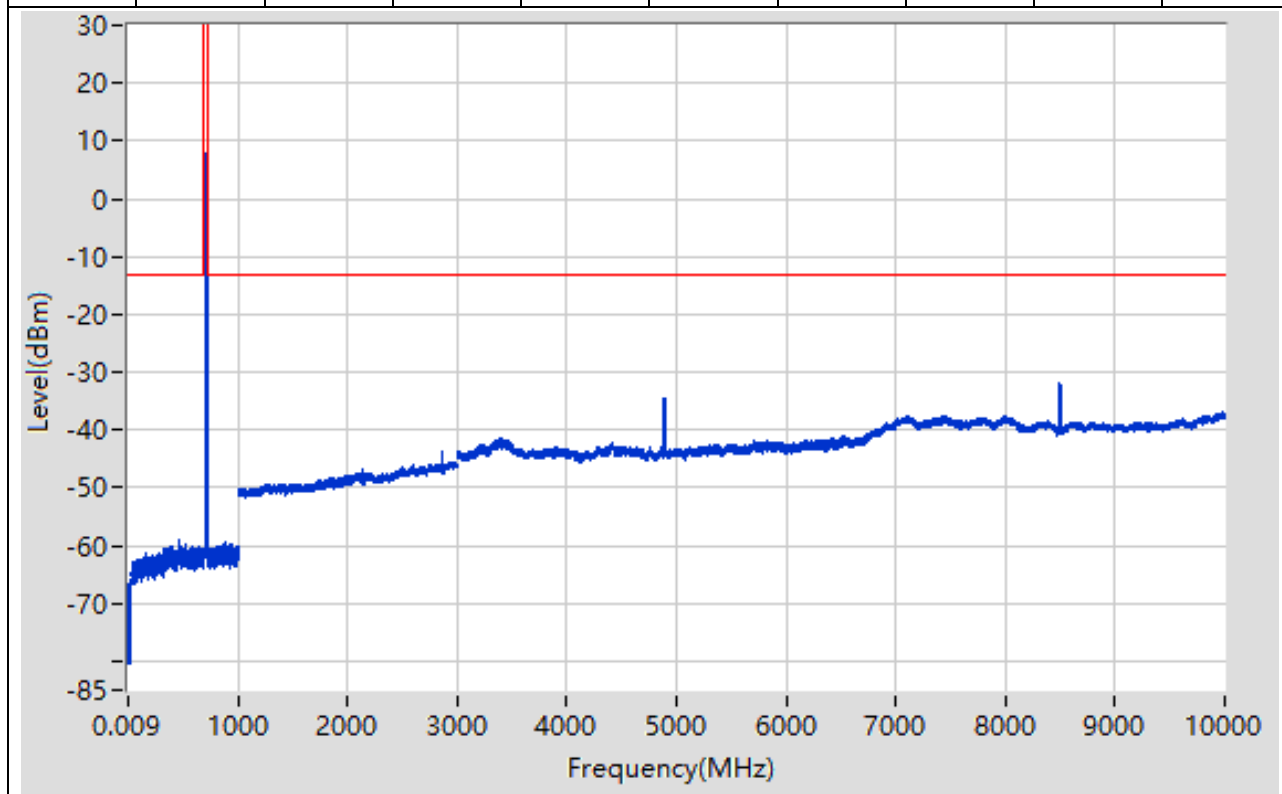
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.76      | -13         | 53.76       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 17.5            | -66.9       | -13         | 53.9        | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 494.7           | -60.01      | -13         | 47.01       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.52       | 60          | 38.48       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 997.6           | -59.34      | -13         | 46.34       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.59      | -13         | 30.59       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7104            | -37.12      | -13         | 24.12       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_High

### 20.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

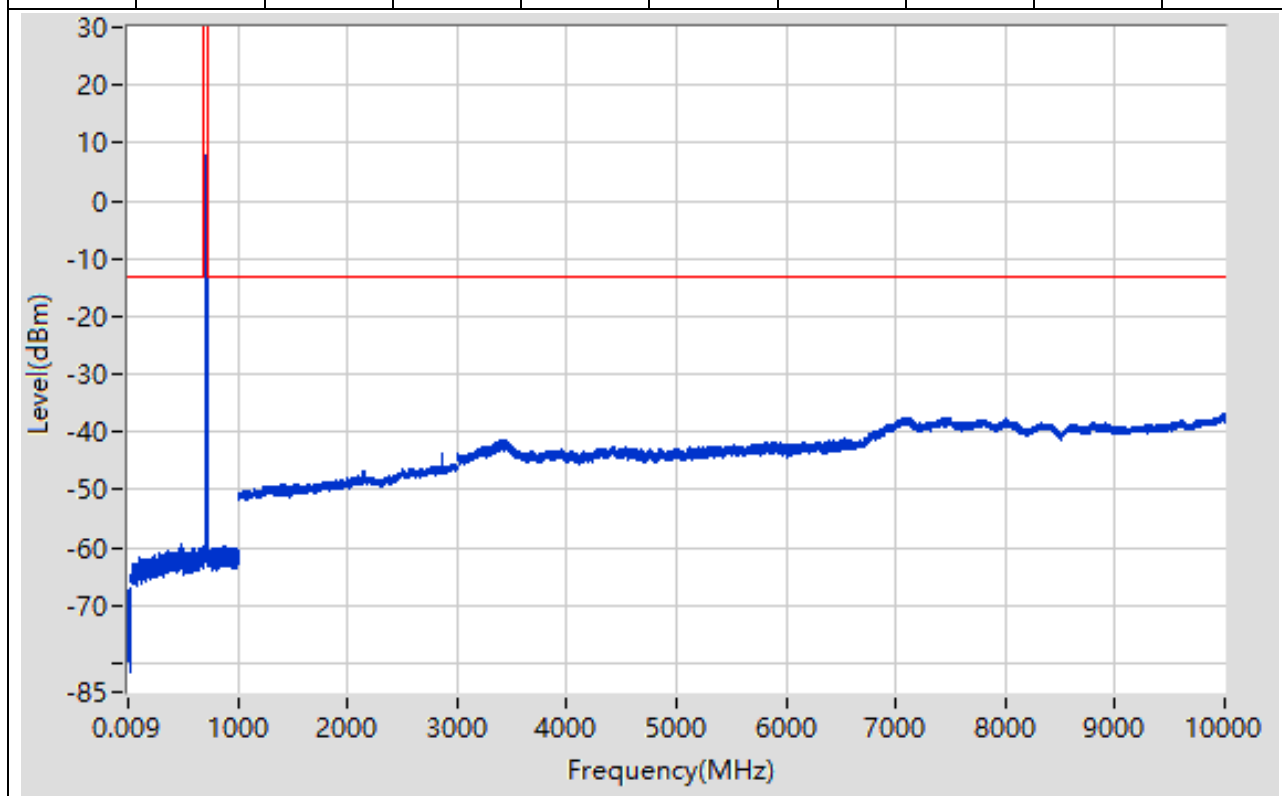
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.046           | -66.56      | -13         | 53.56       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.1            | -66.05      | -13         | 53.05       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 472.1           | -59.19      | -13         | 46.19       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.64       | 60          | 38.36       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 881             | -59.5       | -13         | 46.5        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.82      | -13         | 30.82       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 8485            | -32.07      | -13         | 19.07       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_High

### 20.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

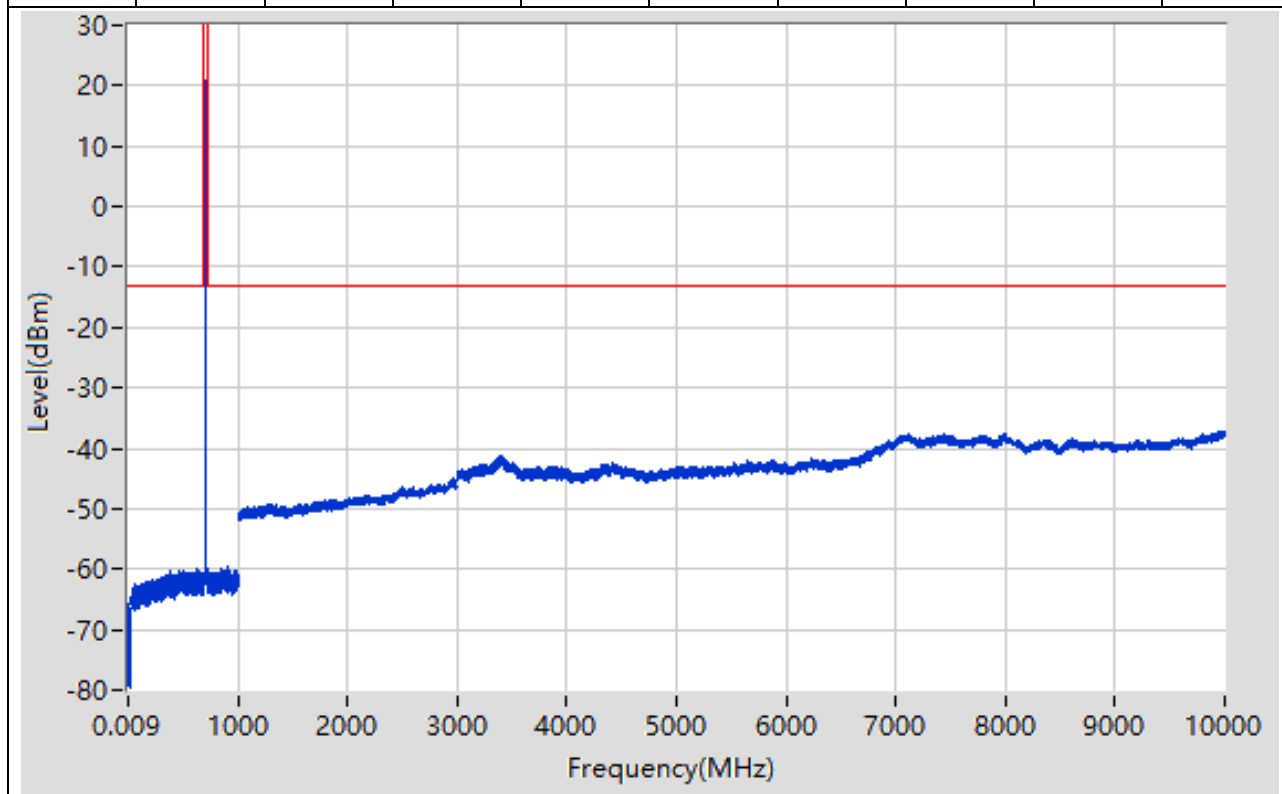
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -67.36      | -13         | 54.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.08           | -66.97      | -13         | 53.97       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 475.5           | -59.56      | -13         | 46.56       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.65       | 60          | 38.35       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 865.9           | -59.87      | -13         | 46.87       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.79      | -13         | 30.79       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 10000           | -36.88      | -13         | 23.88       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_Low

### 20.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

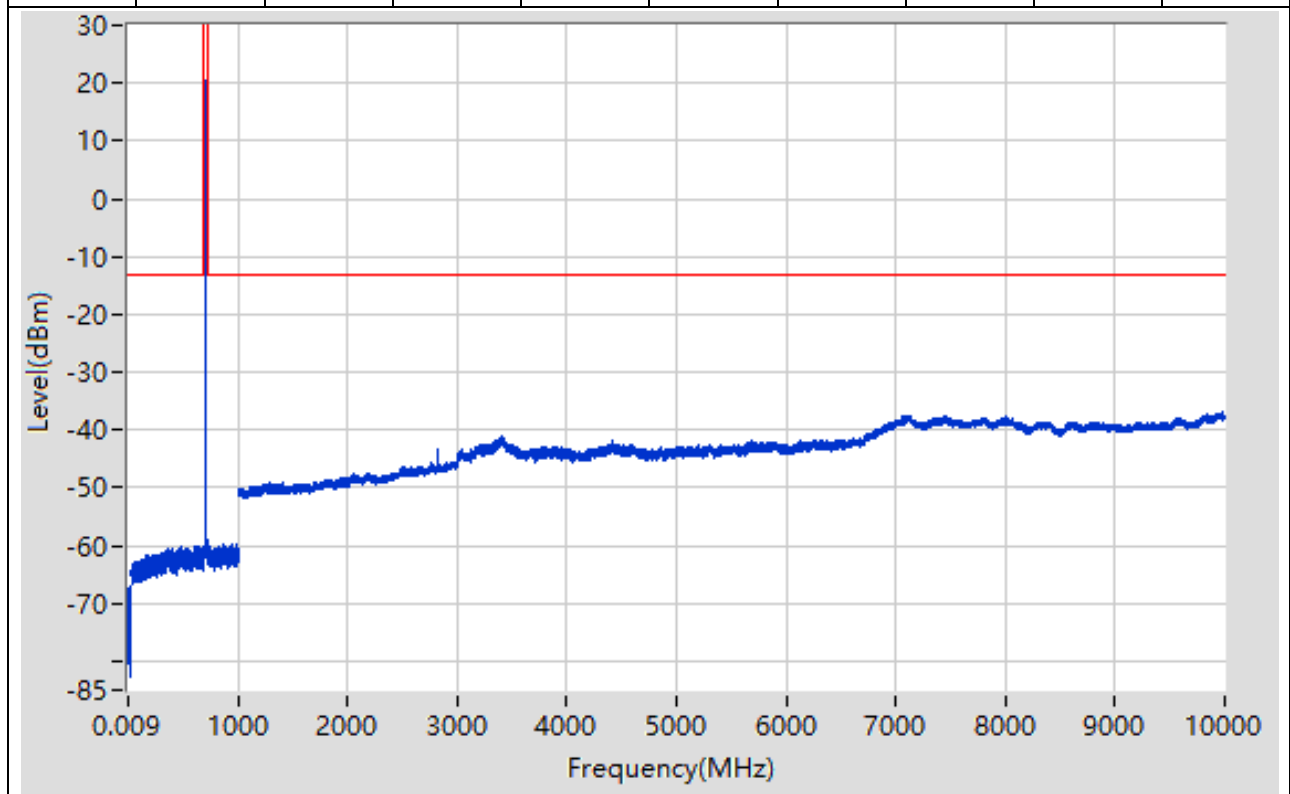
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.79      | -13         | 52.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 8.27            | -66.6       | -13         | 53.6        | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 634             | -59.9       | -13         | 46.9        | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.71       | 60          | 39.29       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 911             | -59.66      | -13         | 46.66       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2964            | -45.06      | -13         | 32.06       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9985            | -37.09      | -13         | 24.09       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_Low

### 20.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

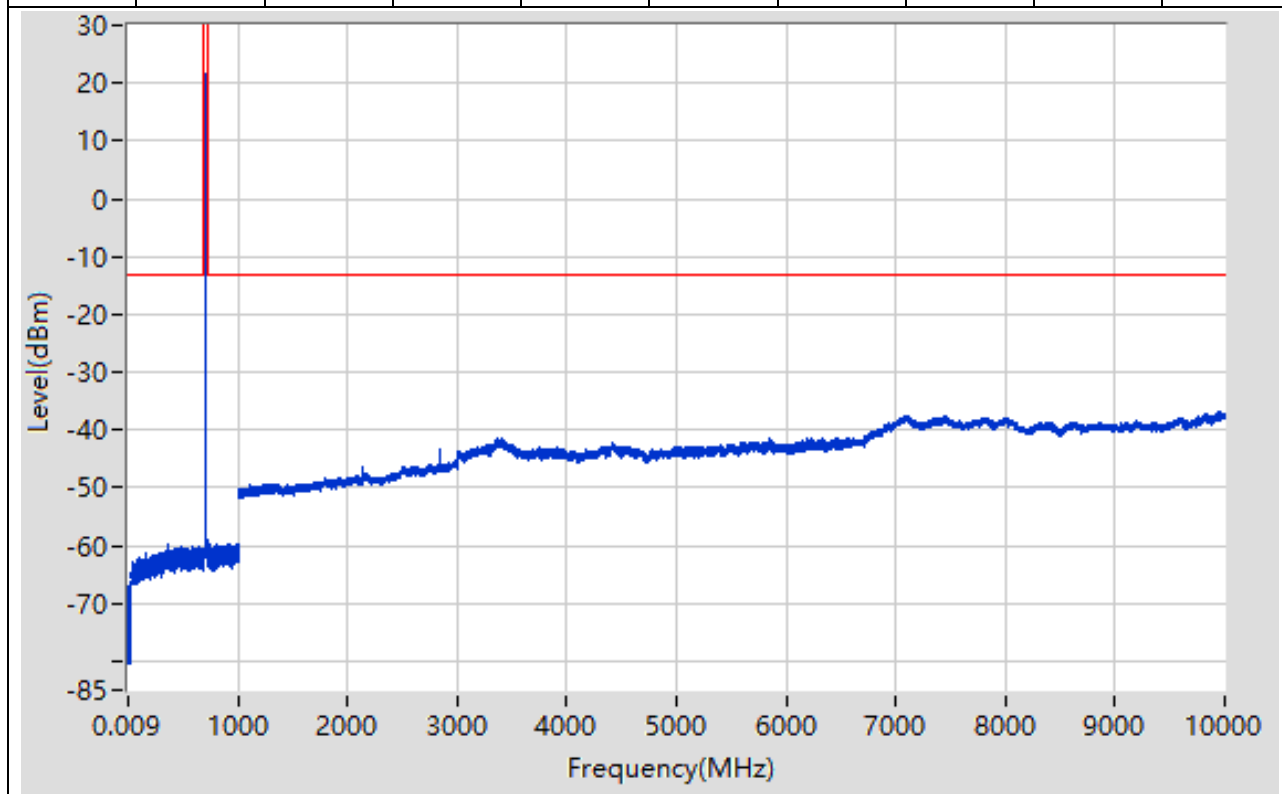
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -68.41      | -13         | 55.41       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 12.49           | -67.1       | -13         | 54.1        | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 477.2           | -60.06      | -13         | 47.06       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.57       | 60          | 39.43       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 955.5           | -59.89      | -13         | 46.89       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2816            | -43.35      | -13         | 30.35       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9983            | -36.95      | -13         | 23.95       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_Mid

### 20.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

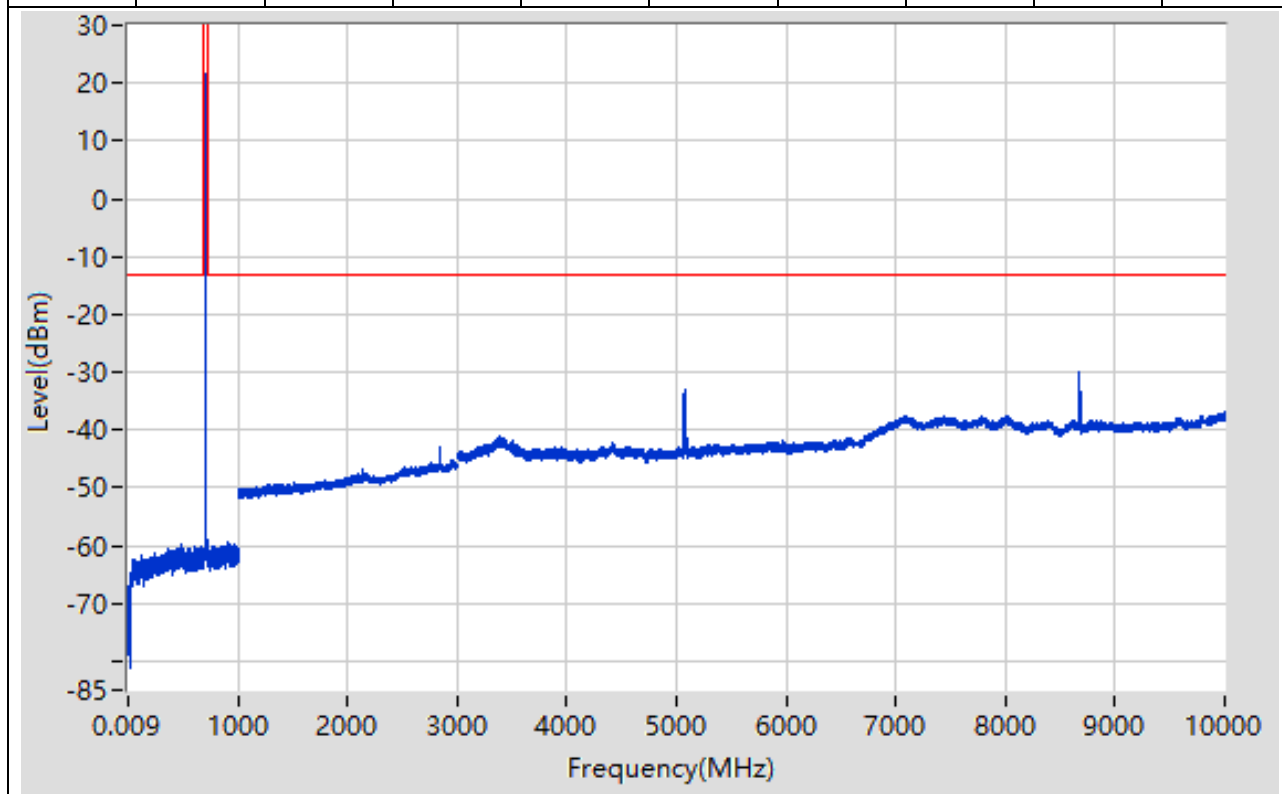
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.017           | -67.62      | -13         | 54.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.25           | -66.17      | -13         | 53.17       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 357.6           | -59.89      | -13         | 46.89       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.53       | 60          | 38.47       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 914.2           | -59.74      | -13         | 46.74       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.28      | -13         | 30.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9935            | -36.99      | -13         | 23.99       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_Mid

### 20.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

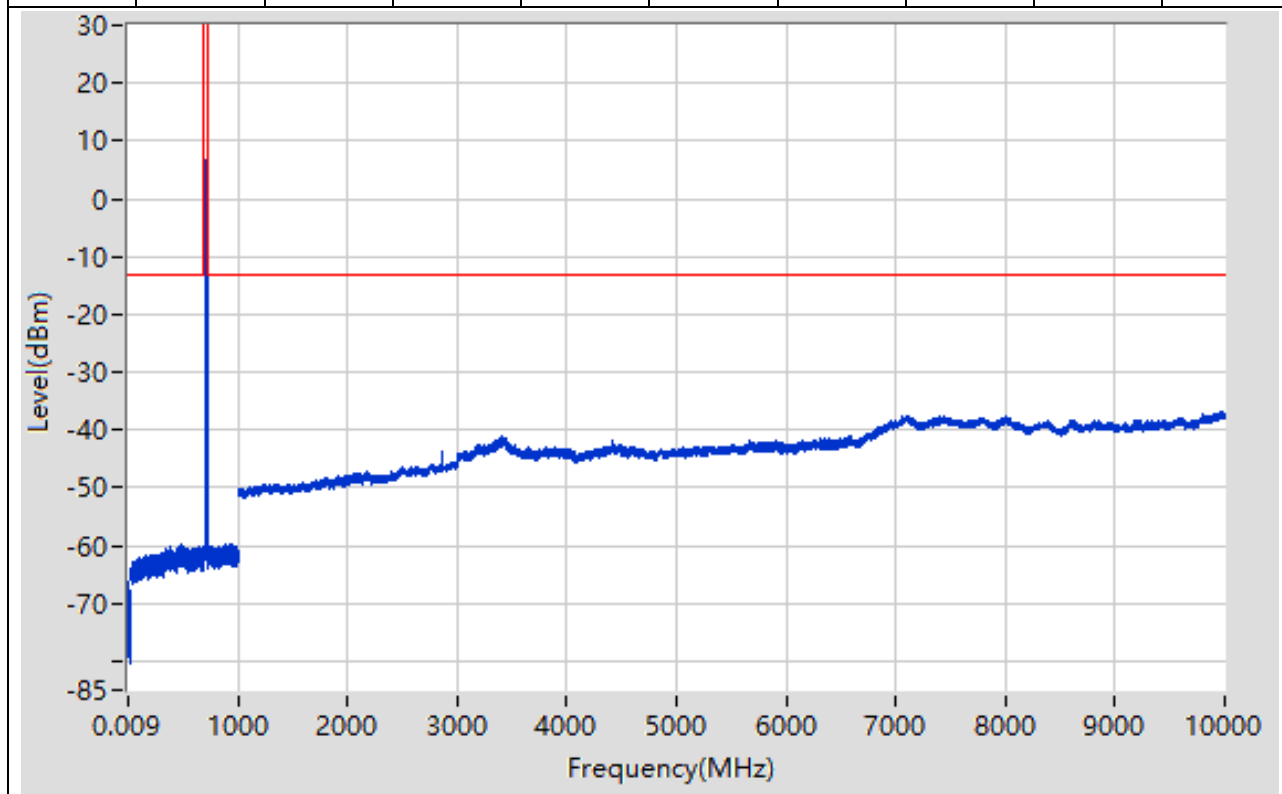
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -67.02      | -13         | 54.02       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.35           | -66.42      | -13         | 53.42       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 480.5           | -59.83      | -13         | 46.83       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.58       | 60          | 38.42       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 910.3           | -59.41      | -13         | 46.41       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.07      | -13         | 30.07       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 8679            | -29.91      | -13         | 16.91       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_High

### 20.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

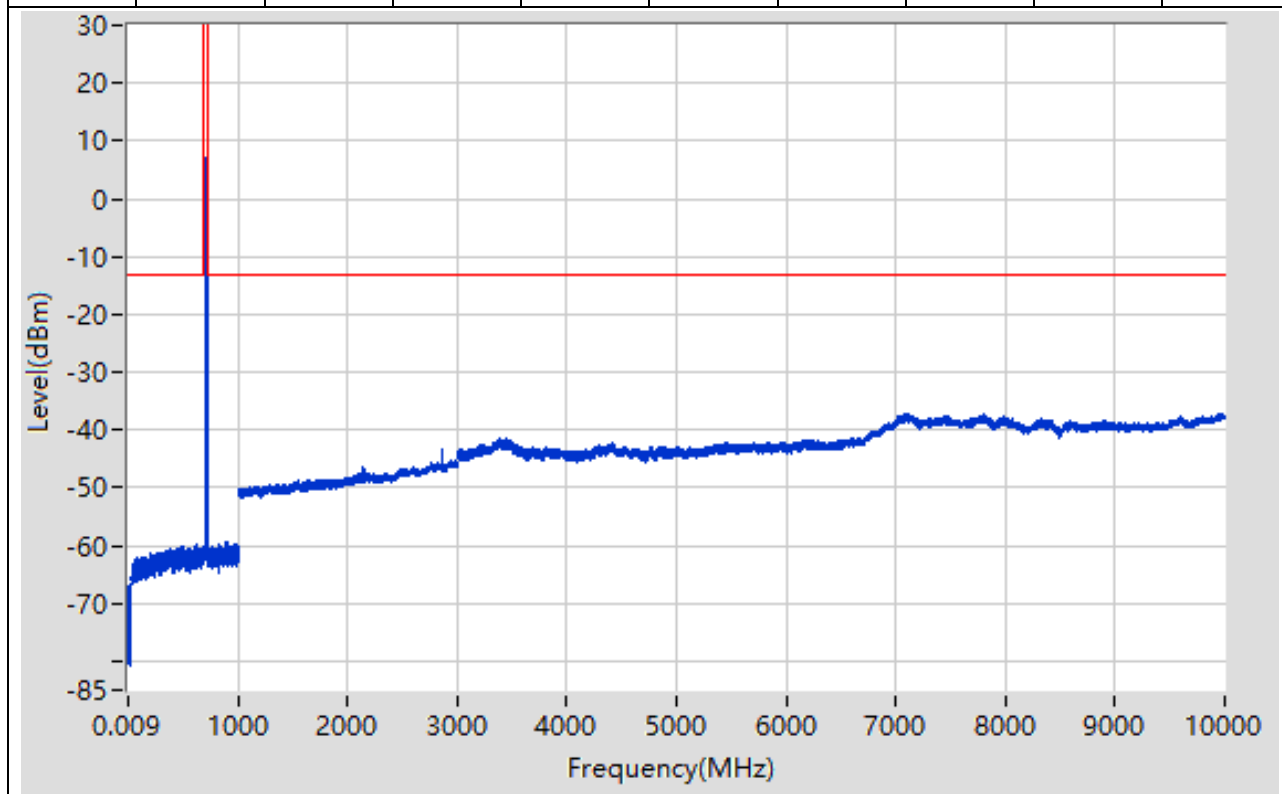
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.6       | -13         | 53.6        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 6.47            | -66.14      | -13         | 53.14       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 482.5           | -59.62      | -13         | 46.62       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.83       | 60          | 38.17       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 885.4           | -59.74      | -13         | 46.74       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.58      | -13         | 30.58       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9987            | -36.87      | -13         | 23.87       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_High

### 20.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

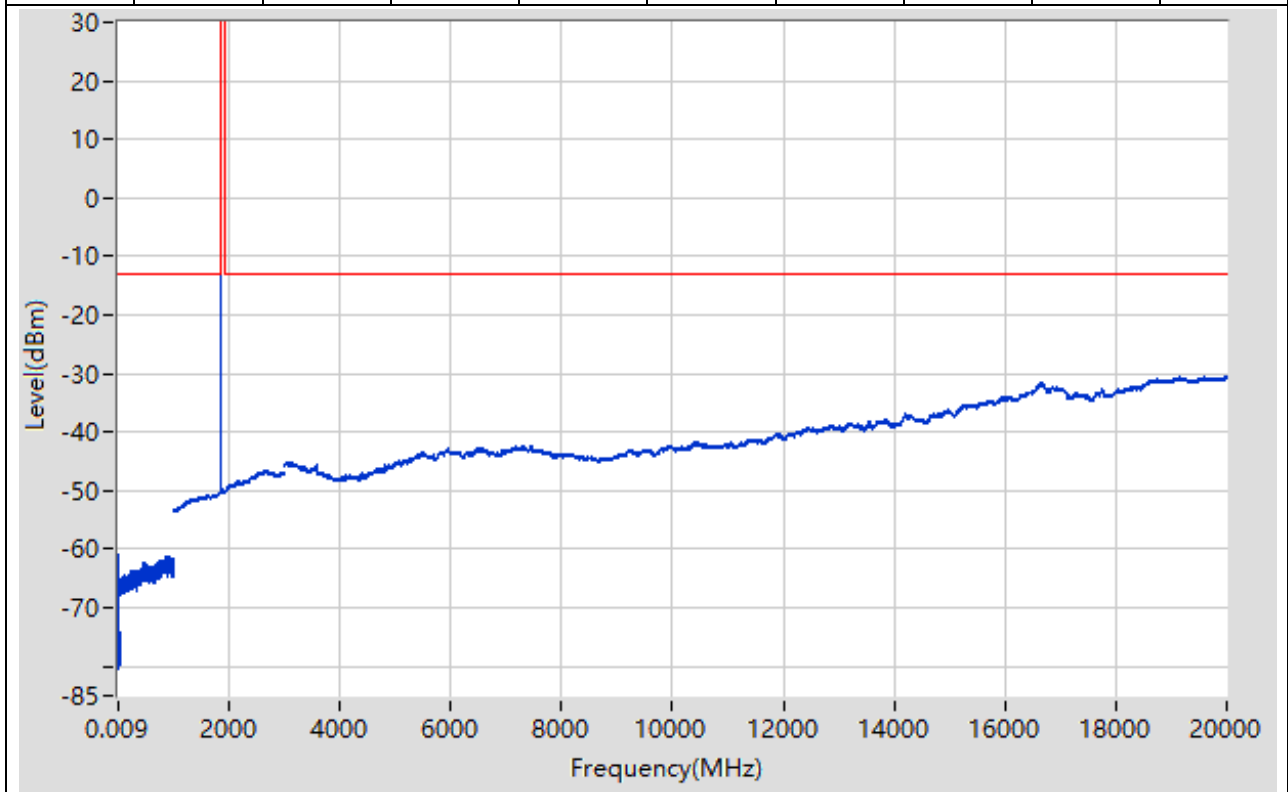
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -67.01      | -13         | 54.01       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.09           | -66.75      | -13         | 53.75       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 628.9           | -59.9       | -13         | 46.9        | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.81       | 60          | 38.19       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 891.3           | -59.27      | -13         | 46.27       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.28      | -13         | 30.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9989            | -37.12      | -13         | 24.12       | Pass    | 7001        |



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_Low

### 21.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

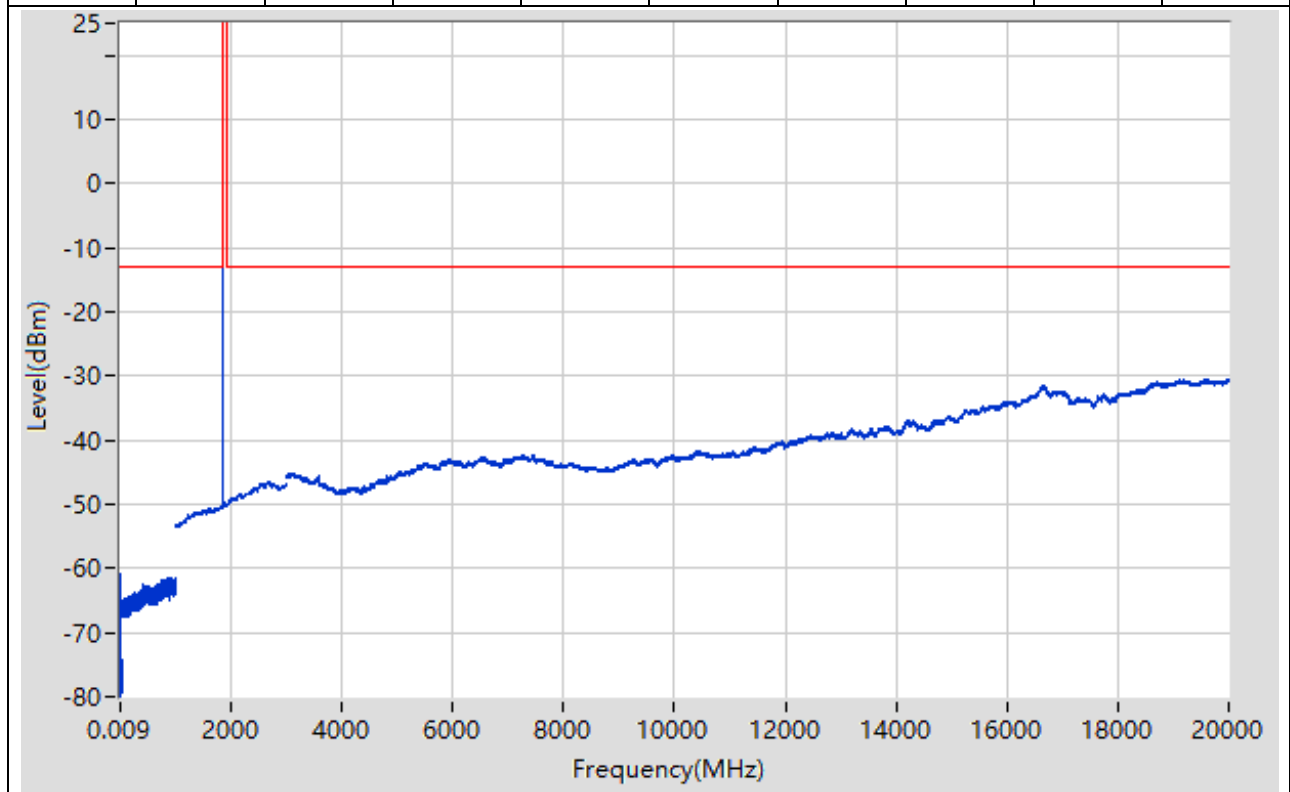
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.139           | -62.56      | -13         | 49.56       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.83      | -13         | 47.83       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 923.6           | -61.21      | -13         | 48.21       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -49.8       | -13         | 36.8        | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.2          | 20.58       | 60          | 39.42       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2678            | -46.41      | -13         | 33.41       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19985           | -30.54      | -13         | 17.54       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_Low

### 21.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

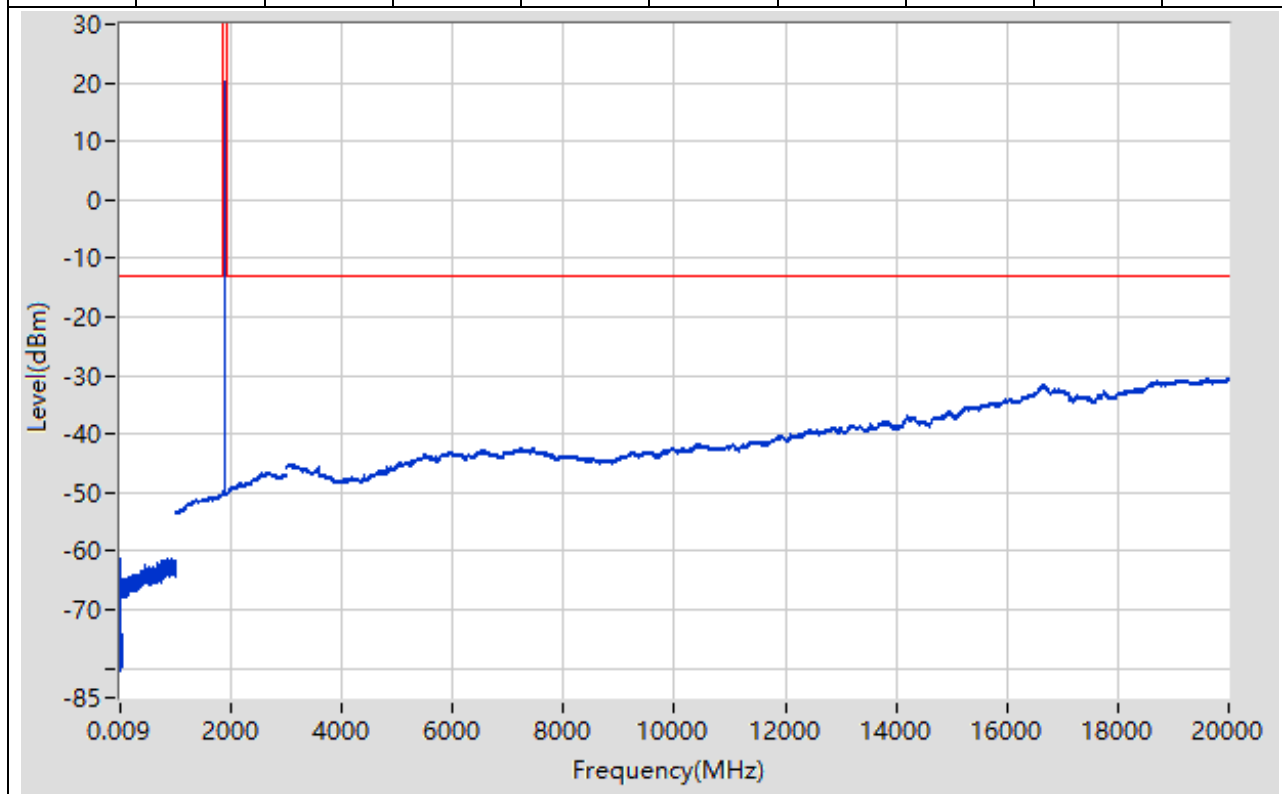
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.136           | -61.73      | -13         | 48.73       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.82      | -13         | 47.82       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 877.8           | -61.41      | -13         | 48.41       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -49.73      | -13         | 36.73       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.625        | 17.38       | 60          | 42.62       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2668            | -46.46      | -13         | 33.46       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19986           | -30.55      | -13         | 17.55       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_Mid

### 21.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

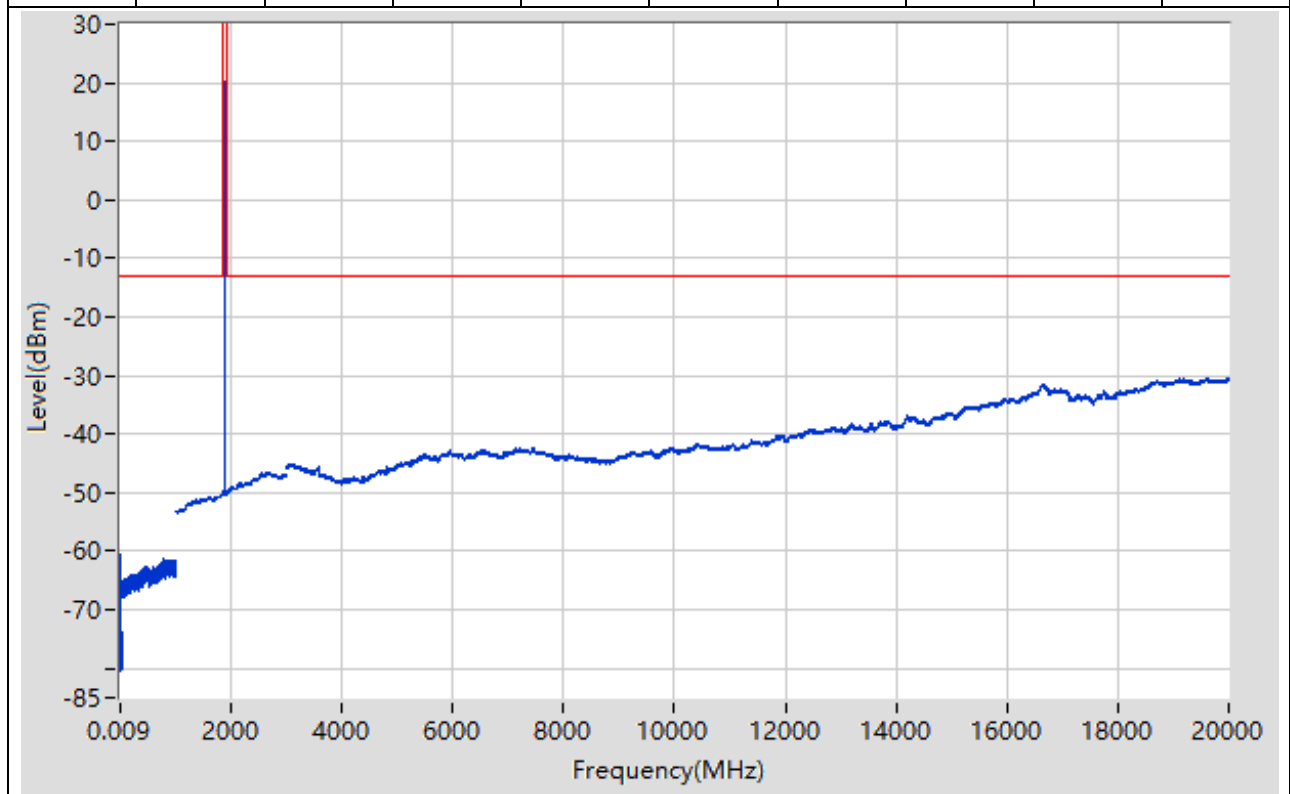
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.147           | -61.8       | -13         | 48.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -61.22      | -13         | 48.22       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 936             | -61.3       | -13         | 48.3        | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -50.32      | -13         | 37.32       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.5          | 20.32       | 60          | 39.68       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2667            | -46.43      | -13         | 33.43       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19986           | -30.55      | -13         | 17.55       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_Mid

### 21.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

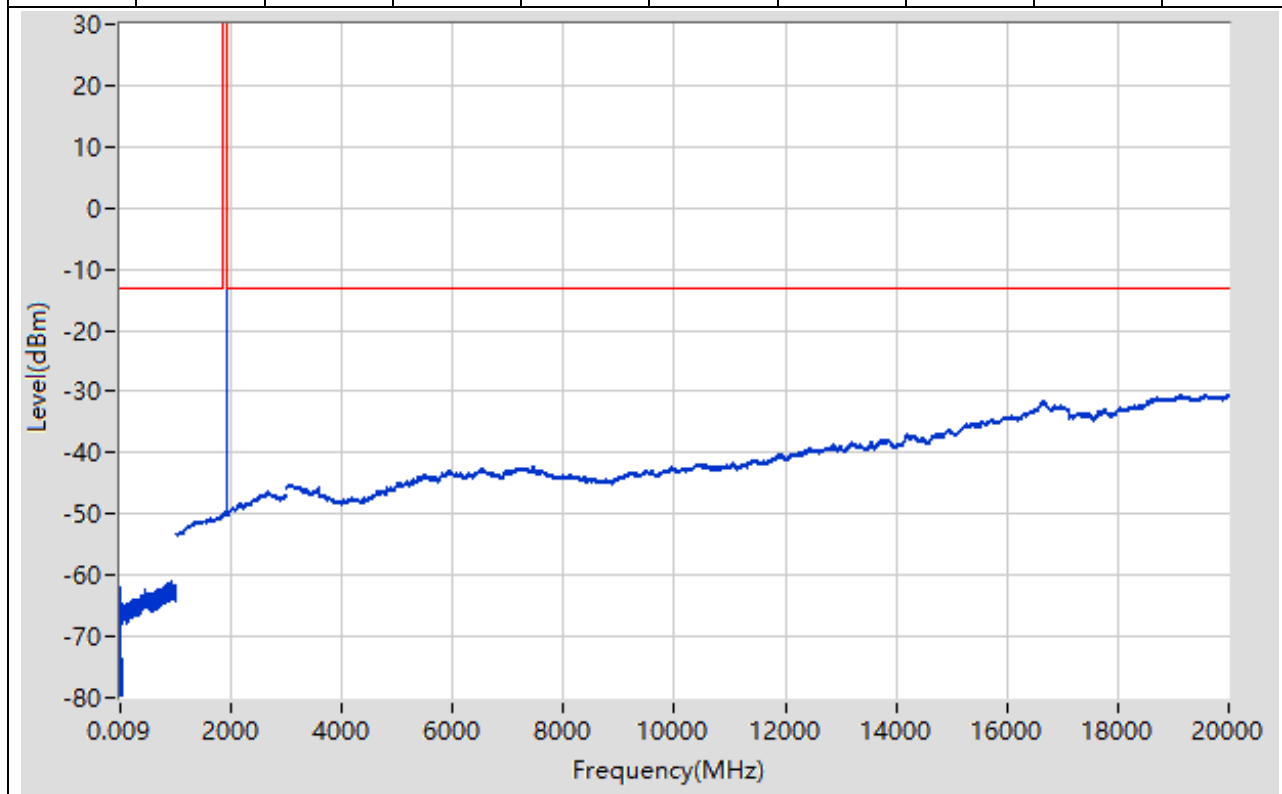
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.146           | -62.52      | -13         | 49.52       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.66      | -13         | 47.66       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 788.8           | -61.38      | -13         | 48.38       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -50.21      | -13         | 37.21       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.5          | 20.25       | 60          | 39.75       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2682            | -46.38      | -13         | 33.38       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19996           | -30.51      | -13         | 17.51       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_High

### 21.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

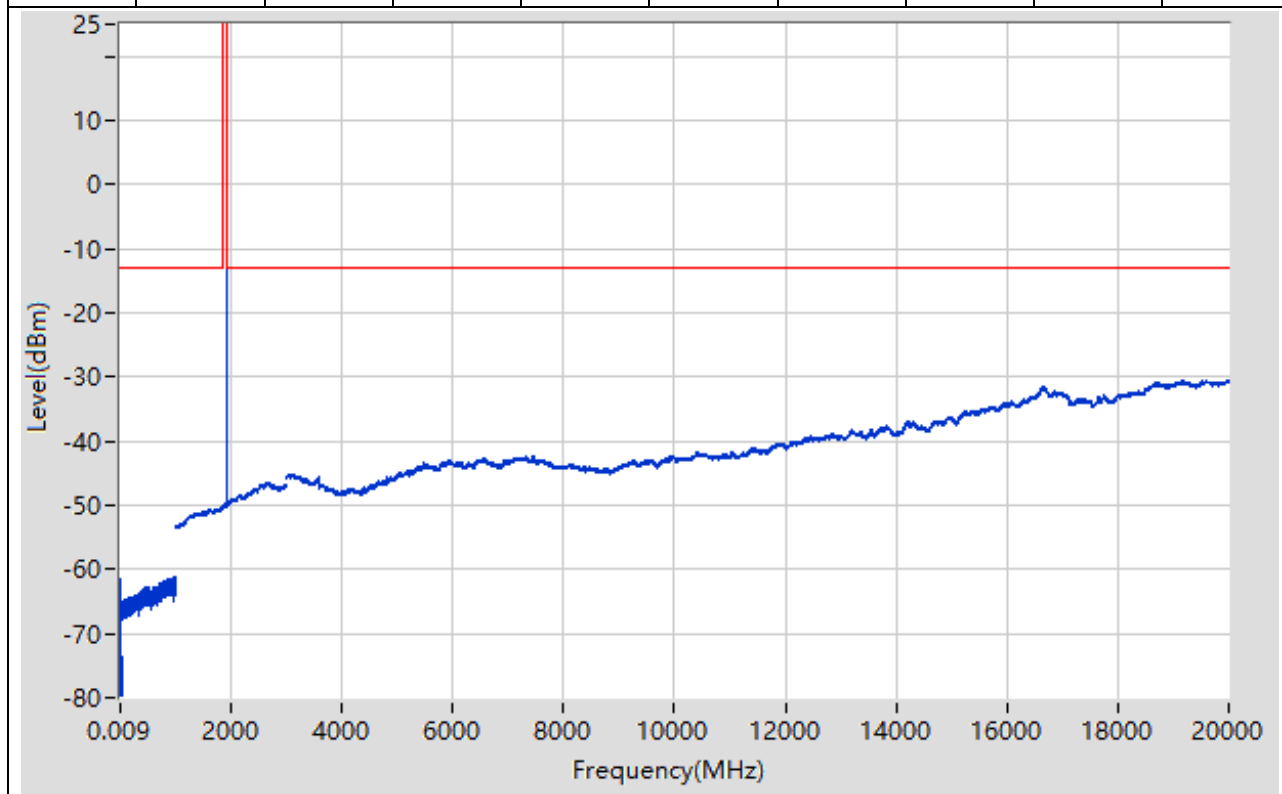
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.148           | -61.9       | -13         | 48.9        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -61.78      | -13         | 48.78       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 918.3           | -61.03      | -13         | 48.03       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1831            | -50.28      | -13         | 37.28       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1914.8          | 20.06       | 60          | 39.94       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2668            | -46.36      | -13         | 33.36       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19604           | -30.48      | -13         | 17.48       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_High

### 21.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

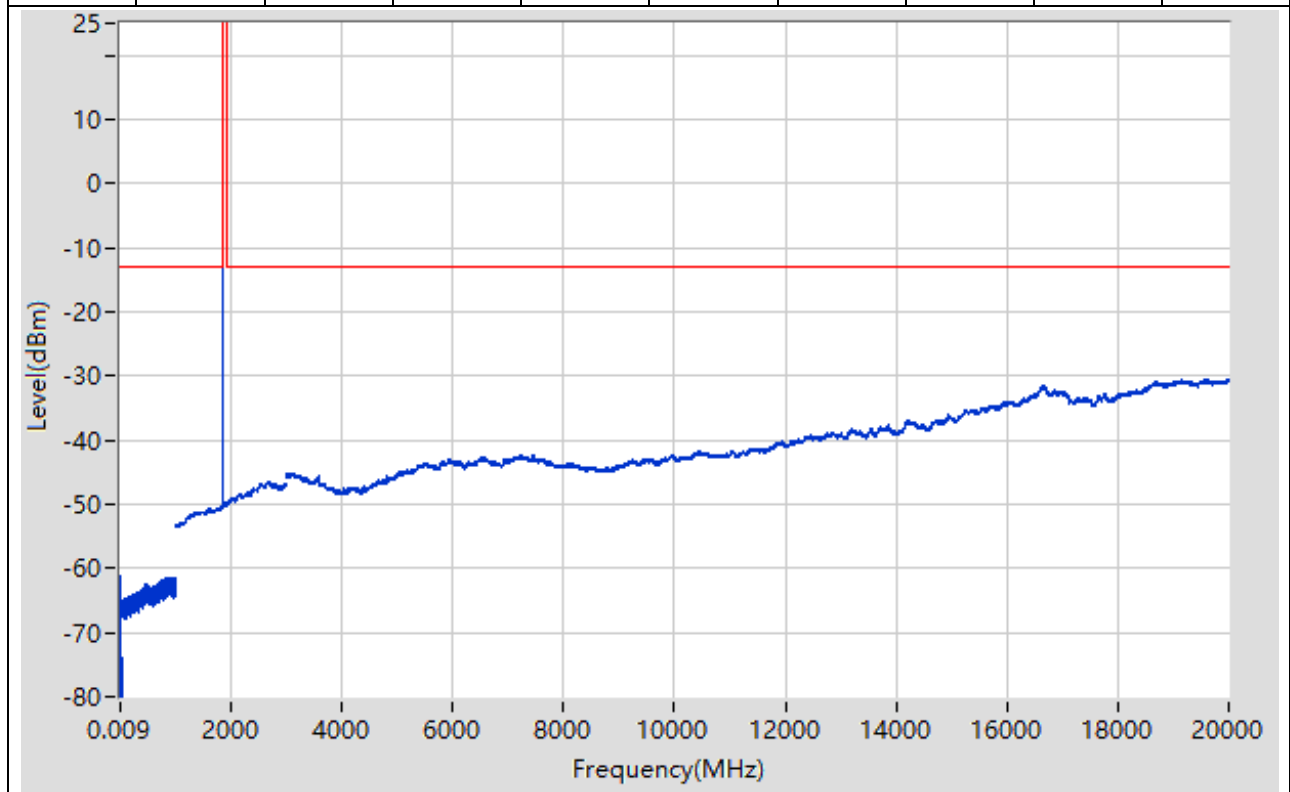
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.148           | -62.32      | -13         | 49.32       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -61.44      | -13         | 48.44       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 994.2           | -61.24      | -13         | 48.24       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1839            | -50.26      | -13         | 37.26       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1914.8          | 19.99       | 60          | 40.01       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2667            | -46.39      | -13         | 33.39       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19997           | -30.49      | -13         | 17.49       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_Low

### 21.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

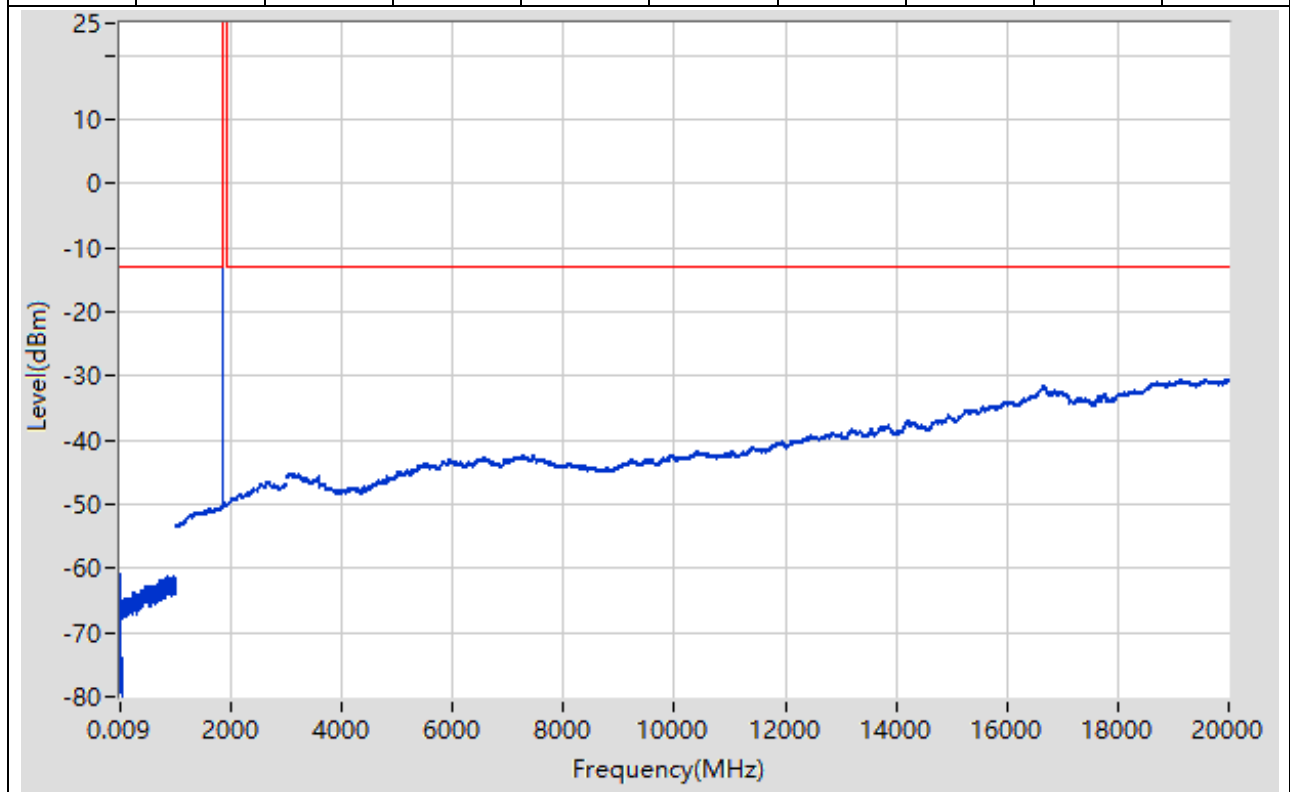
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.142           | -62.61      | -13         | 49.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -61.13      | -13         | 48.13       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 997.1           | -61.34      | -13         | 48.34       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -50.02      | -13         | 37.02       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.625        | 17.97       | 60          | 42.03       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2651            | -46.42      | -13         | 33.42       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19987           | -30.46      | -13         | 17.46       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_Low

### 21.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

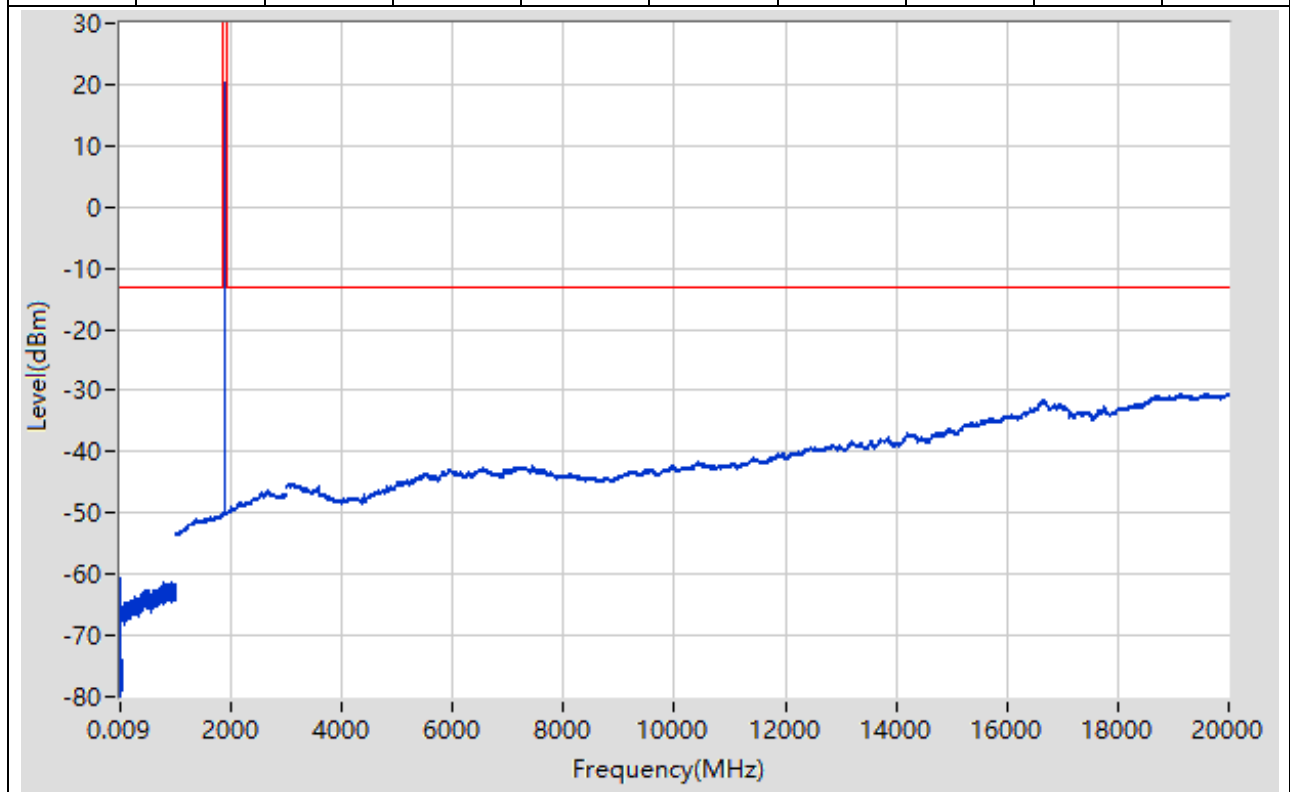
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.148           | -62.37      | -13         | 49.37       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.98      | -13         | 47.98       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 857.5           | -61.28      | -13         | 48.28       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1836            | -49.89      | -13         | 36.89       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.413        | 18.93       | 60          | 41.07       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2676            | -46.39      | -13         | 33.39       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19994           | -30.47      | -13         | 17.47       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_Mid

### 21.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

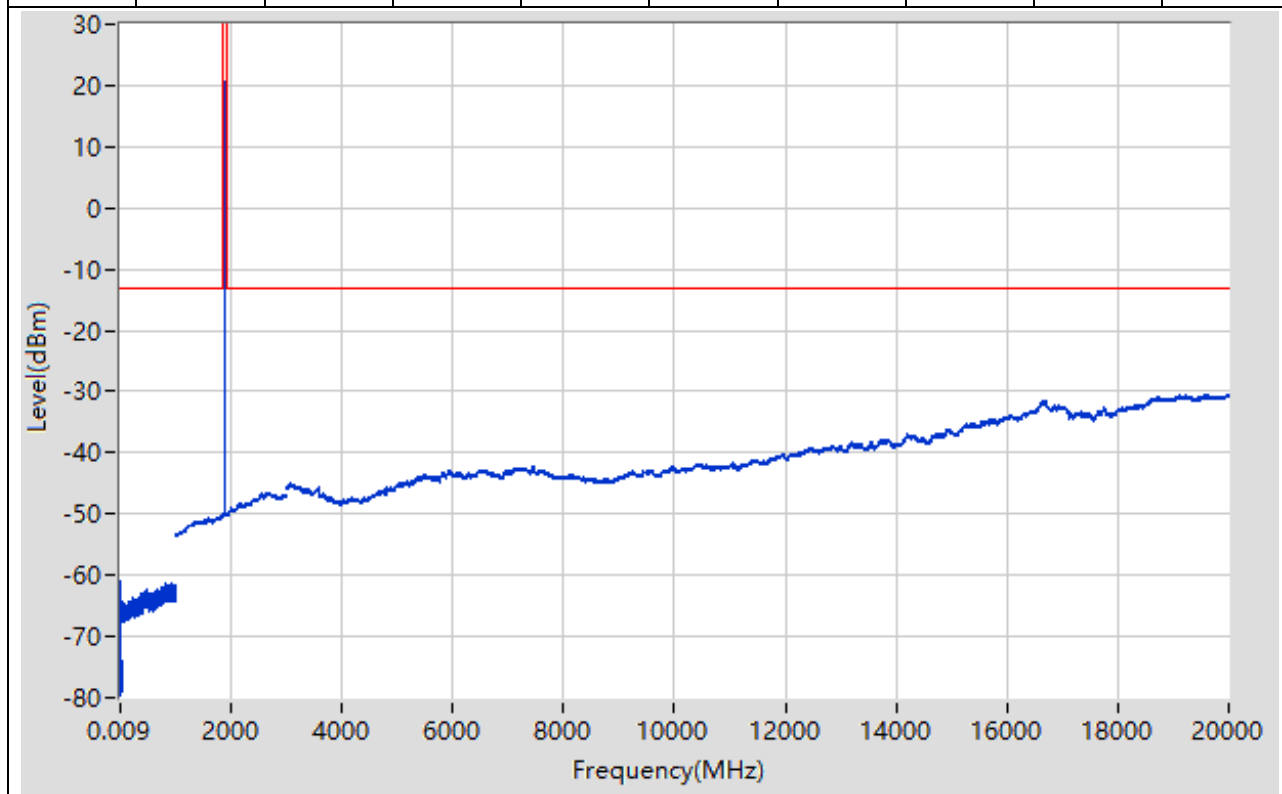
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.069           | -62.44      | -13         | 49.44       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.5       | -13         | 47.5        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 929.3           | -61.21      | -13         | 48.21       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1837            | -50.29      | -13         | 37.29       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.288        | 20.44       | 60          | 39.56       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2670            | -46.37      | -13         | 33.37       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19986           | -30.51      | -13         | 17.51       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_Mid

### 21.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

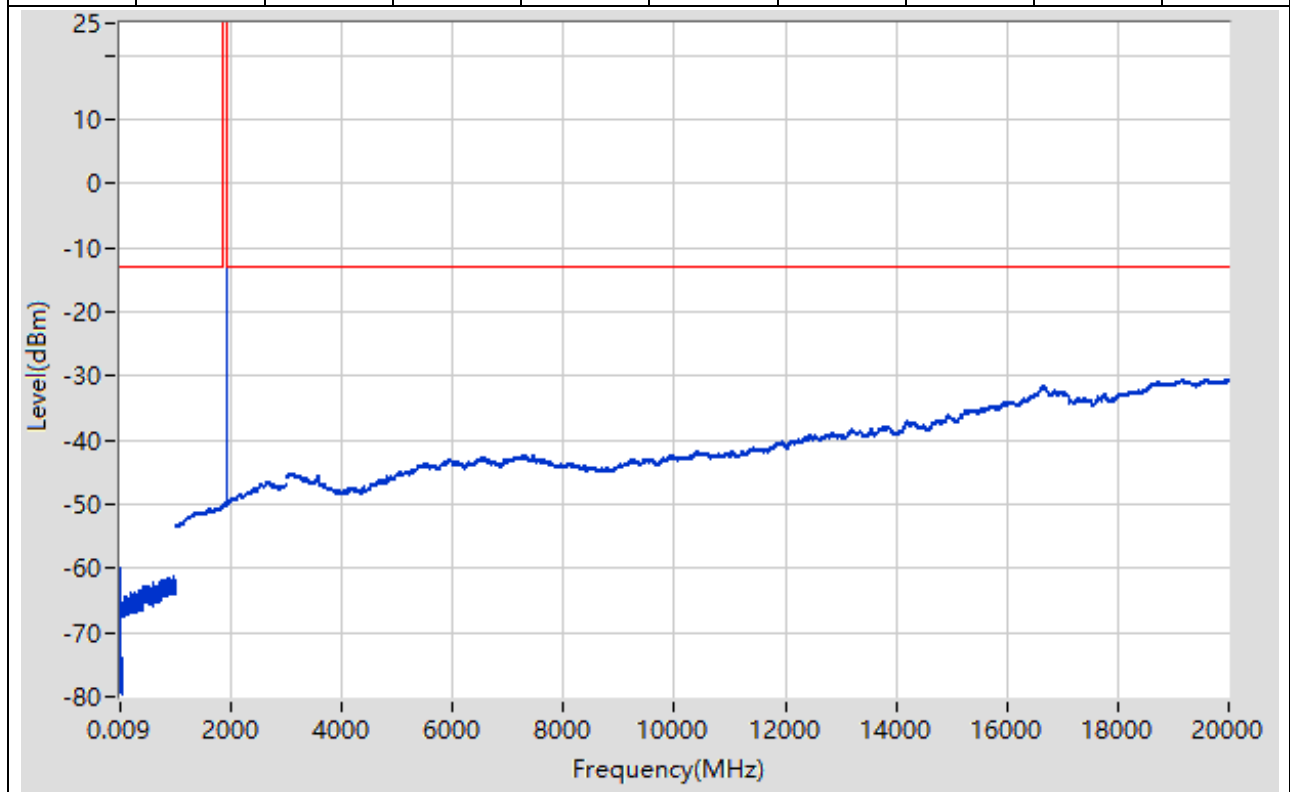
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.135           | -62.26      | -13         | 49.26       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.9       | -13         | 47.9        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925.1           | -61.28      | -13         | 48.28       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1836            | -50.25      | -13         | 37.25       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.5          | 20.67       | 60          | 39.33       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2669            | -46.46      | -13         | 33.46       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19999           | -30.42      | -13         | 17.42       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_High

### 21.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

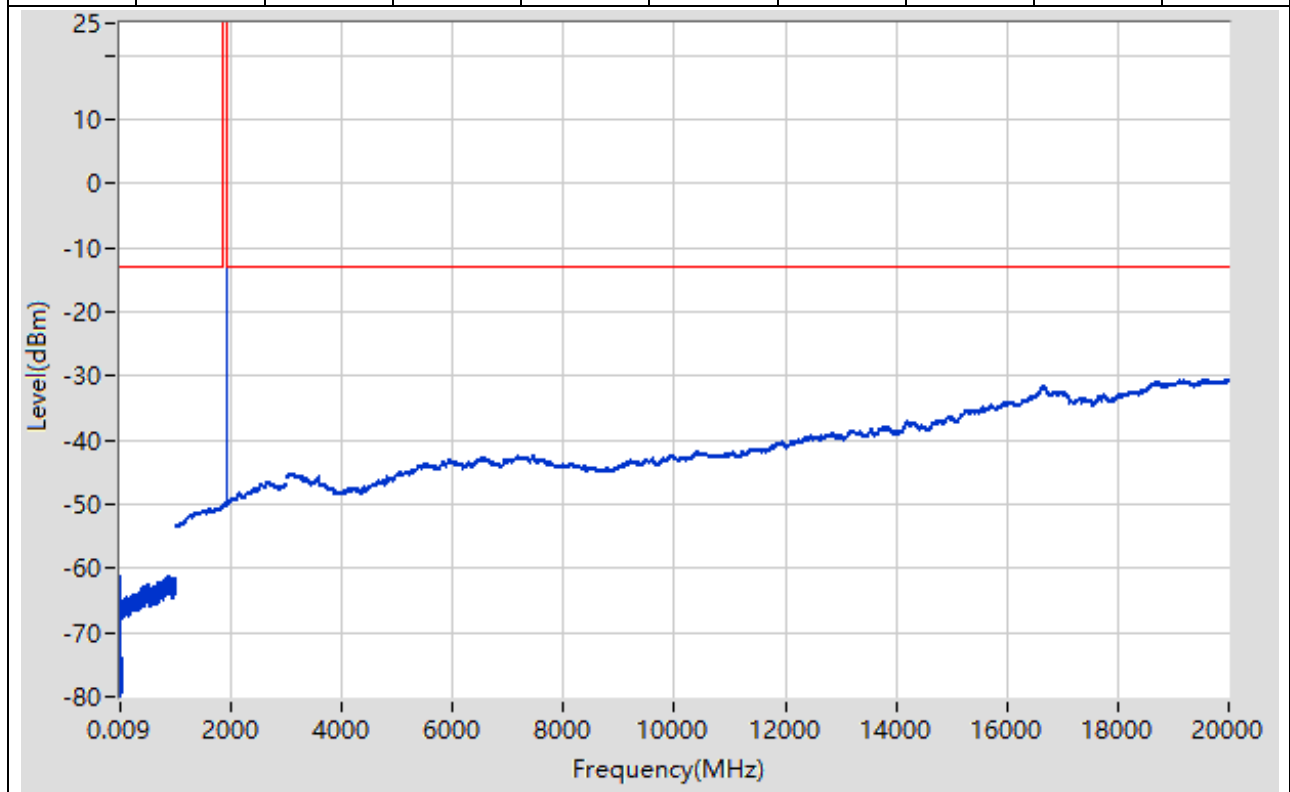
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.134           | -61.81      | -13         | 48.81       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.89      | -13         | 46.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 975             | -61.33      | -13         | 48.33       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1838            | -50.27      | -13         | 37.27       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1914.375        | 18.81       | 60          | 41.19       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2667            | -46.39      | -13         | 33.39       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19976           | -30.49      | -13         | 17.49       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_High

### 21.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

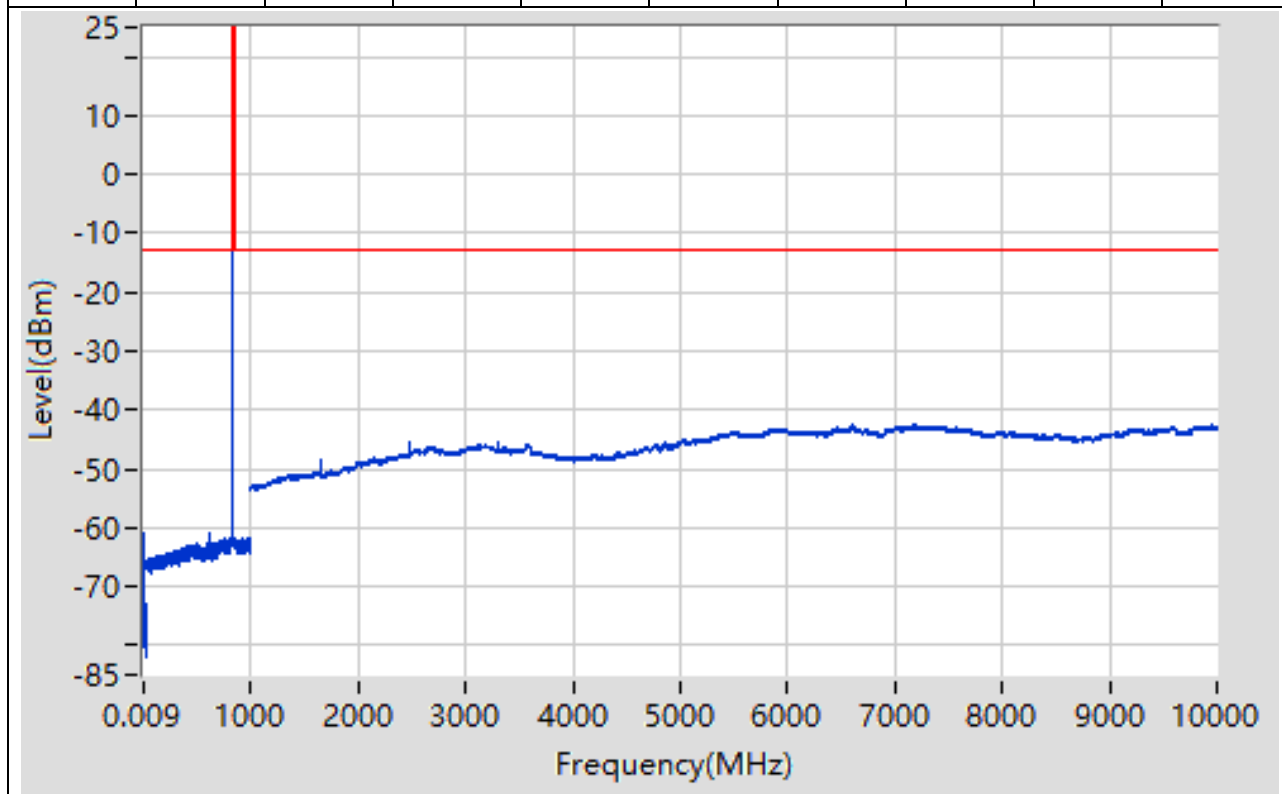
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.13            | -61.25      | -13         | 48.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -62.24      | -13         | 49.24       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 843.6           | -61.19      | -13         | 48.19       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -50.27      | -13         | 37.27       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1915.225        | 17.43       | 60          | 42.57       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2661            | -46.37      | -13         | 33.37       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19997           | -30.46      | -13         | 17.46       | Pass    | 17001       |



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_Low

### 22.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

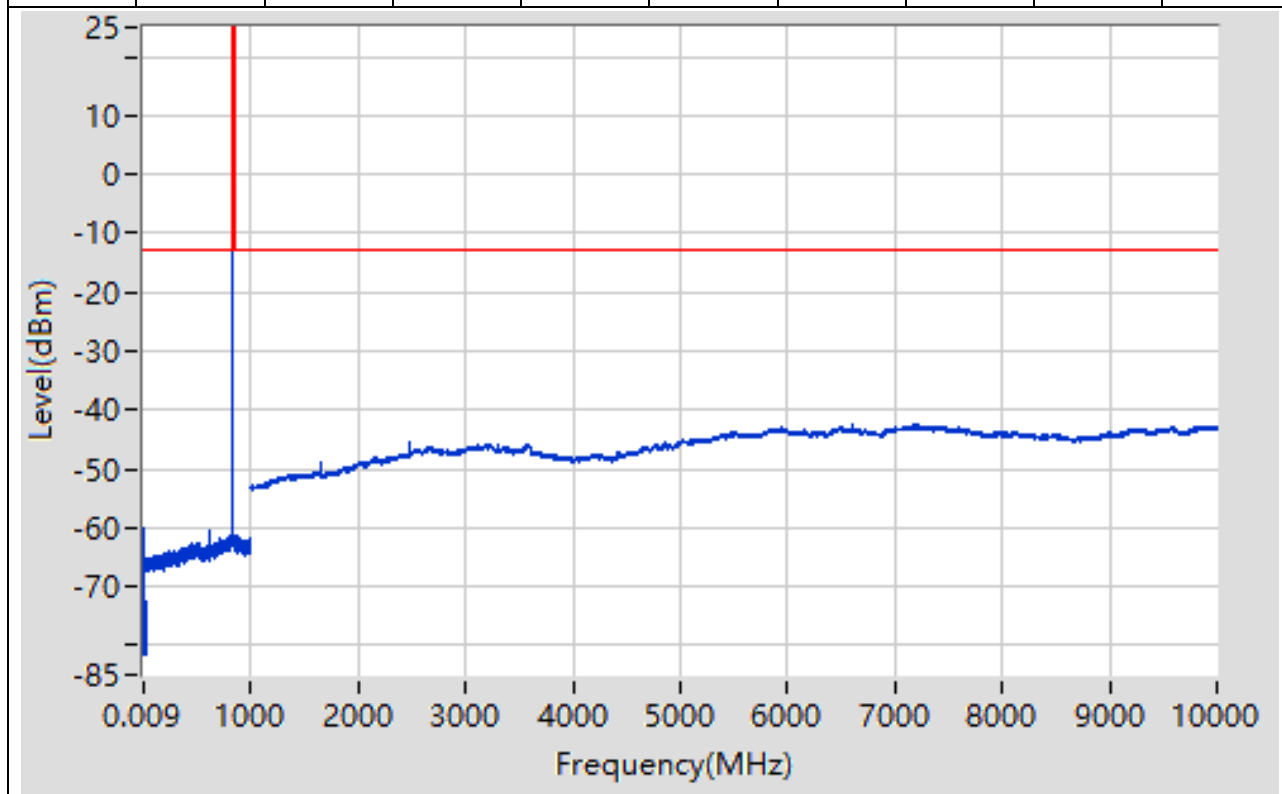
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.118           | -62.17      | -13         | 49.17       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -61.11      | -13         | 48.11       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 608.7           | -61.09      | -13         | 48.09       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.76       | 60          | 40.24       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 995.5           | -61.68      | -13         | 48.68       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -45.47      | -13         | 32.47       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6593            | -42.47      | -13         | 29.47       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_Low

### 22.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

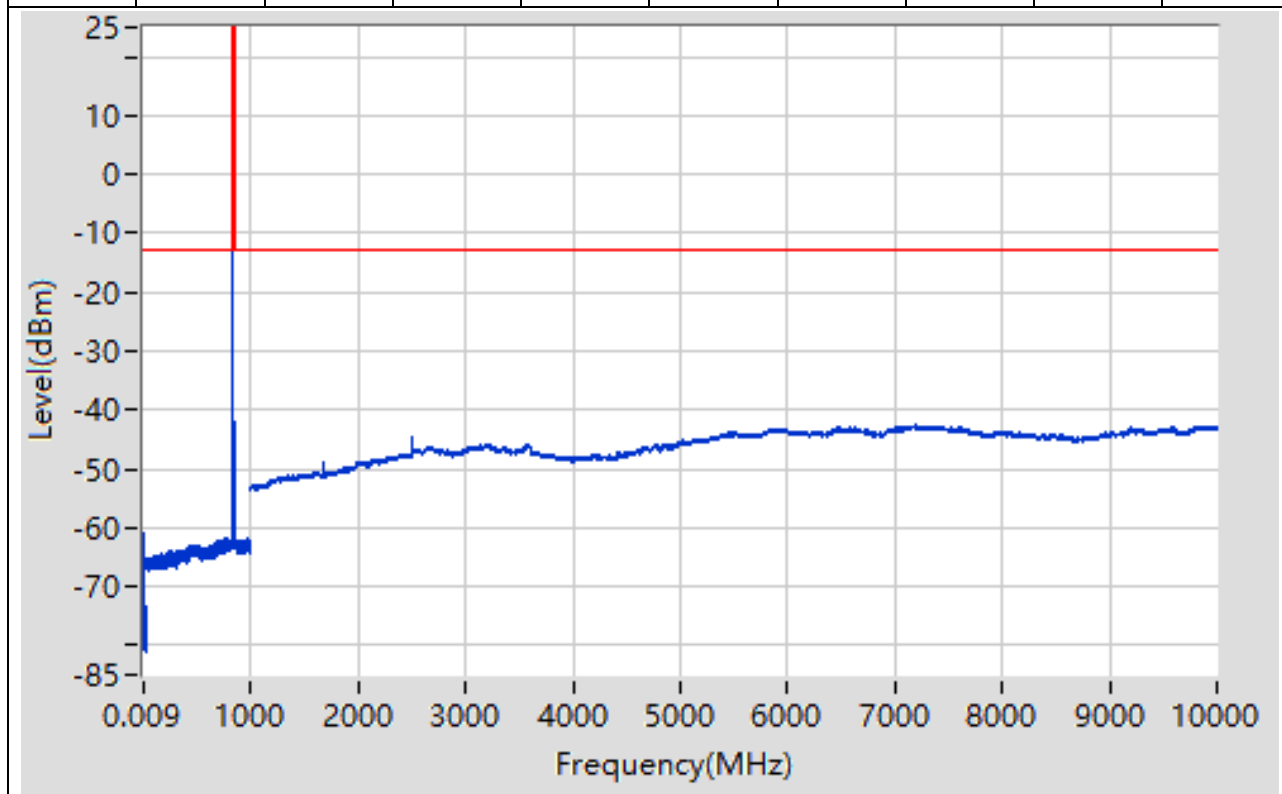
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.117           | -61.59      | -13         | 48.59       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.95      | -13         | 46.95       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 608.7           | -60.6       | -13         | 47.6        | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.65       | 60          | 40.35       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 879.7           | -61.54      | -13         | 48.54       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -45.51      | -13         | 32.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6593            | -42.55      | -13         | 29.55       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_Mid

### 22.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

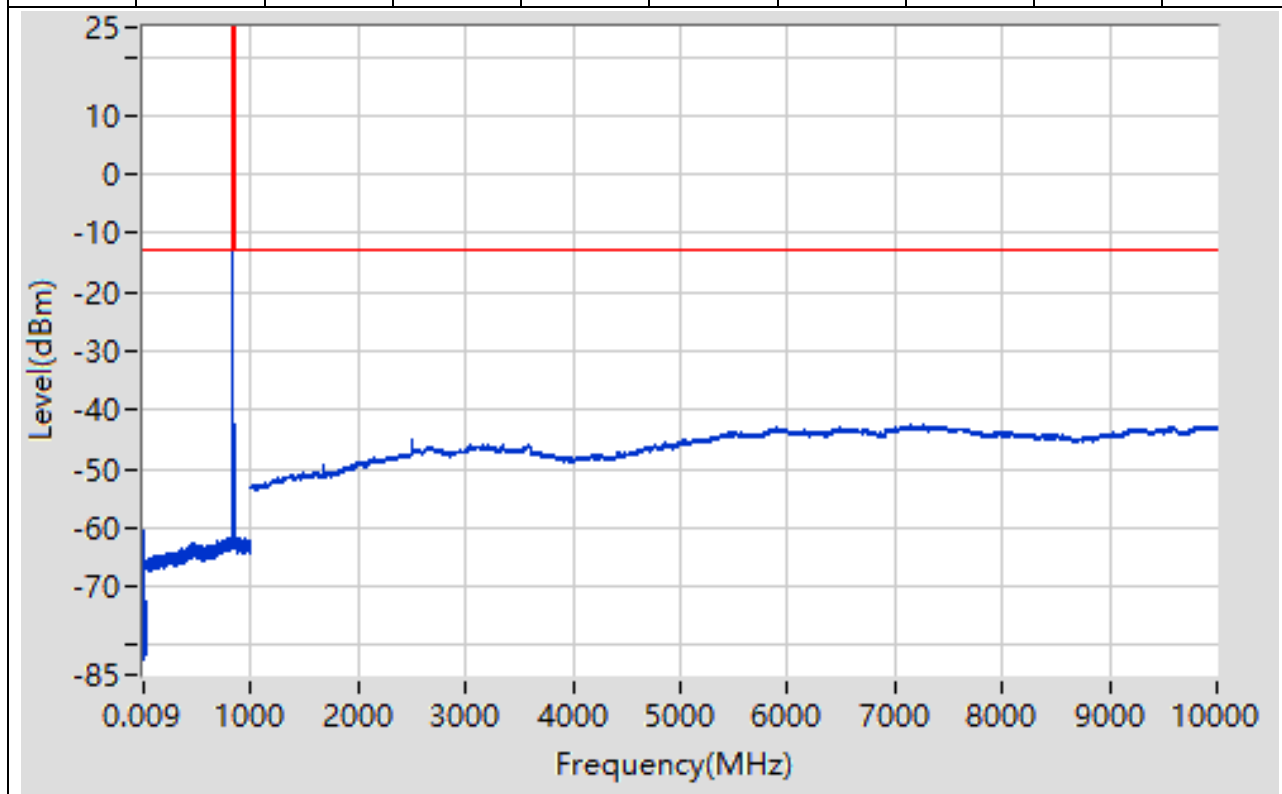
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.137           | -62.29      | -13         | 49.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -61.02      | -13         | 48.02       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 787.3           | -61.77      | -13         | 48.77       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.64       | 60          | 40.36       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 961.2           | -61.7       | -13         | 48.7        | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.76      | -13         | 31.76       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7188            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_Mid

### 22.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

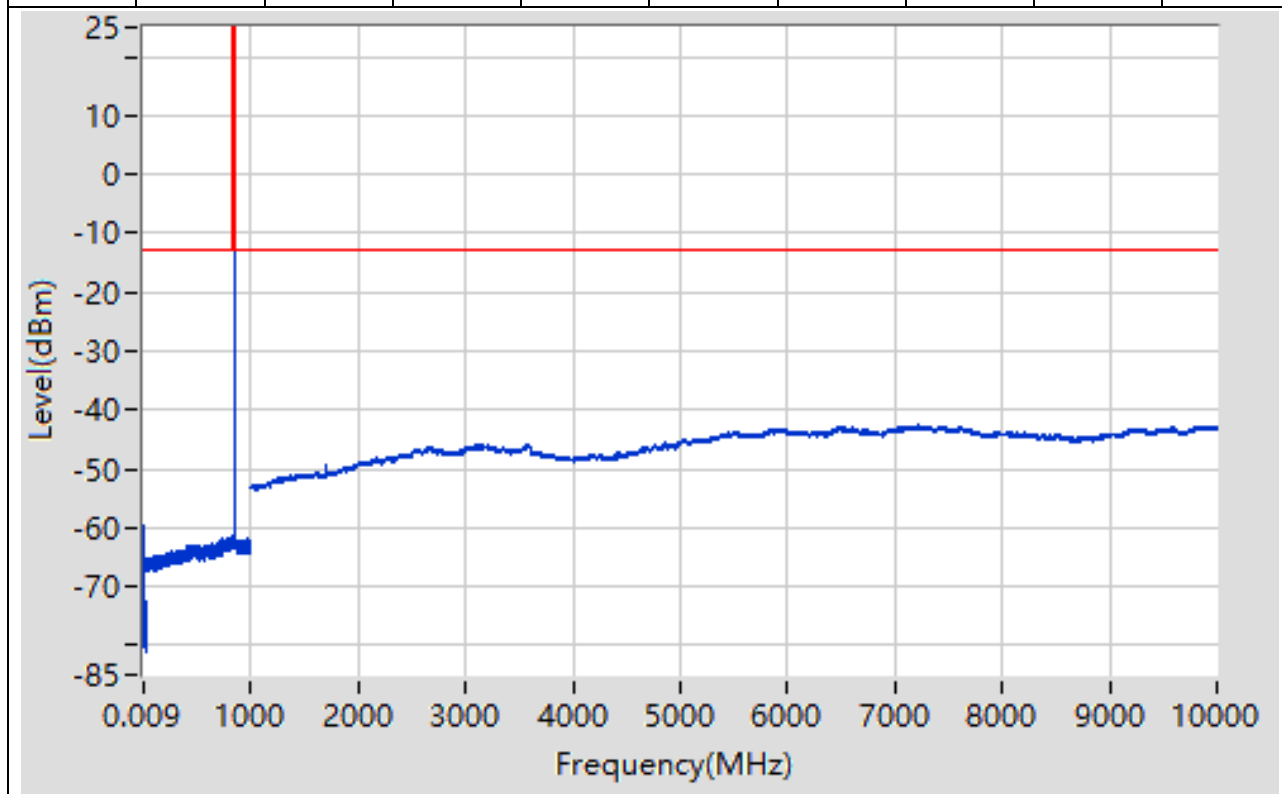
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.119           | -62.1       | -13         | 49.1        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.61      | -13         | 47.61       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 812.2           | -61.82      | -13         | 48.82       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.49       | 60          | 40.51       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 860.8           | -61.81      | -13         | 48.81       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7142            | -42.64      | -13         | 29.64       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_High

### 22.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

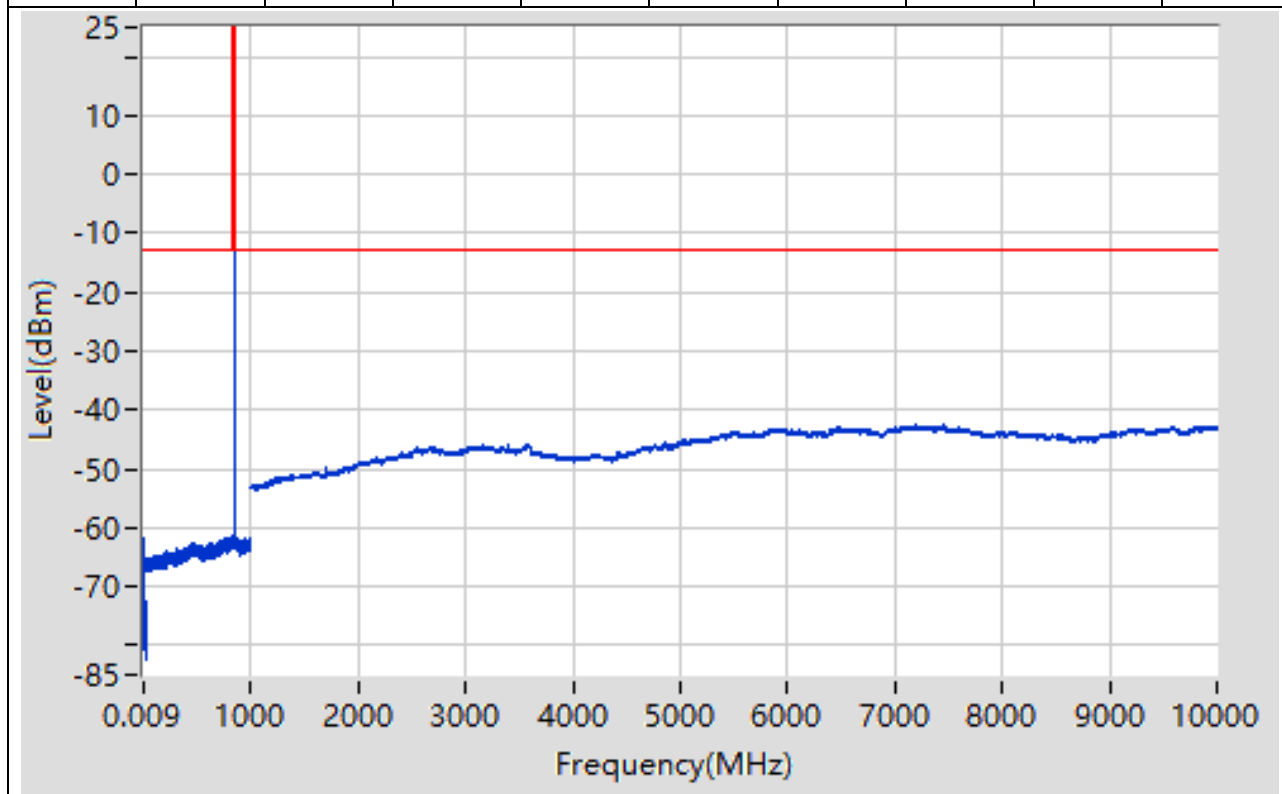
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.108           | -63.35      | -13         | 50.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.49      | -13         | 46.49       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 801.9           | -61.93      | -13         | 48.93       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.9        | 60          | 40.1        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 859             | -61.04      | -13         | 48.04       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2663            | -46.27      | -13         | 33.27       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7208            | -42.59      | -13         | 29.59       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_High

### 22.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

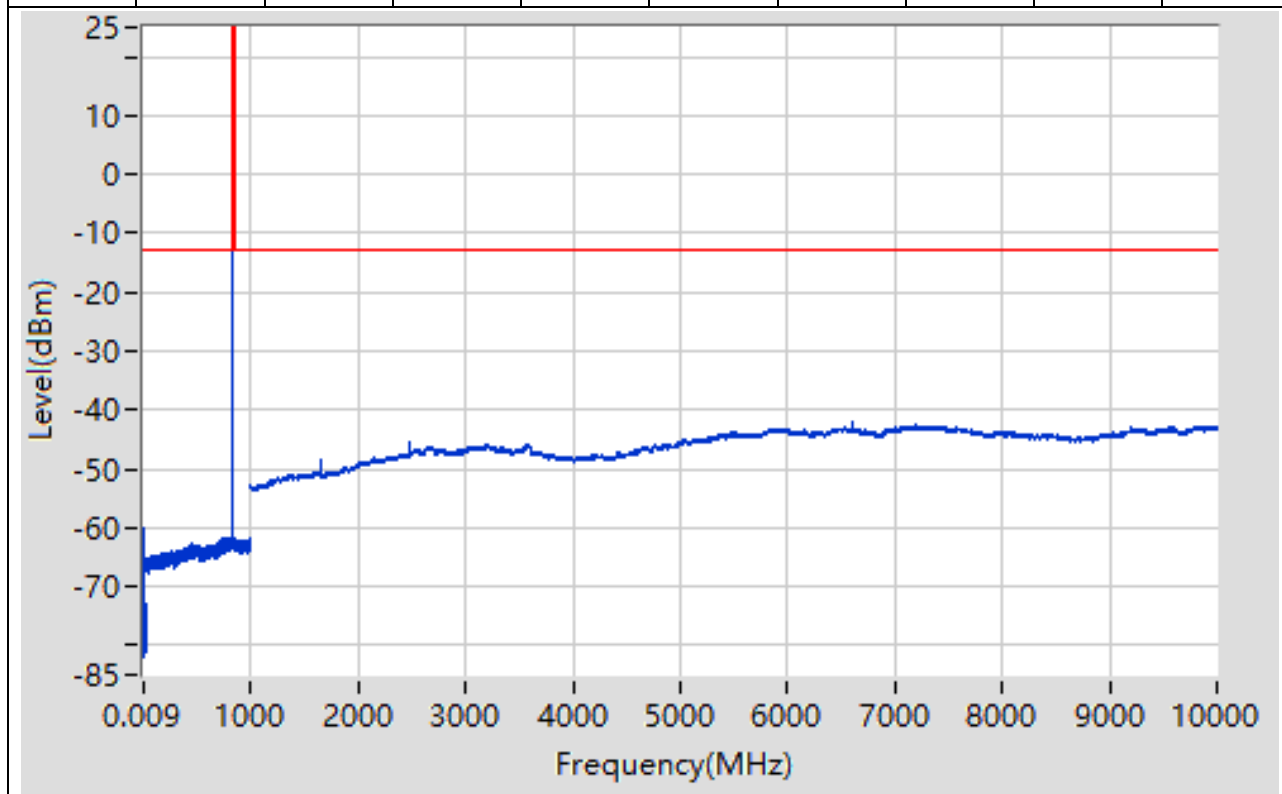
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -62.48      | -13         | 49.48       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -61.72      | -13         | 48.72       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 785.8           | -61.66      | -13         | 48.66       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.72       | 60          | 40.28       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 859             | -61.02      | -13         | 48.02       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2657            | -46.3       | -13         | 33.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7442            | -42.64      | -13         | 29.64       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_Low

### 22.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

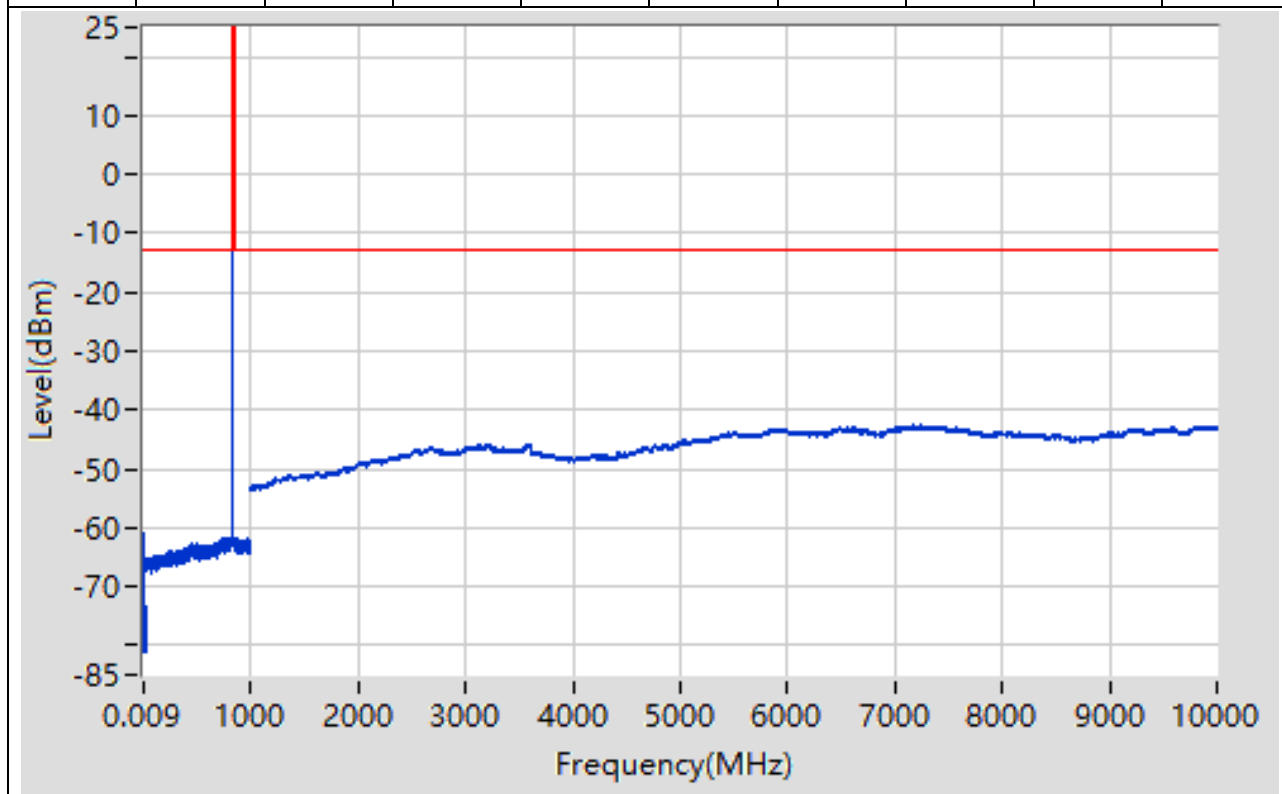
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.107           | -62.29      | -13         | 49.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.05      | -13         | 47.05       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 811.6           | -61.89      | -13         | 48.89       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.92       | 60          | 40.08       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 981.5           | -61.93      | -13         | 48.93       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -45.28      | -13         | 32.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6593            | -42.18      | -13         | 29.18       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_Low

### 22.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

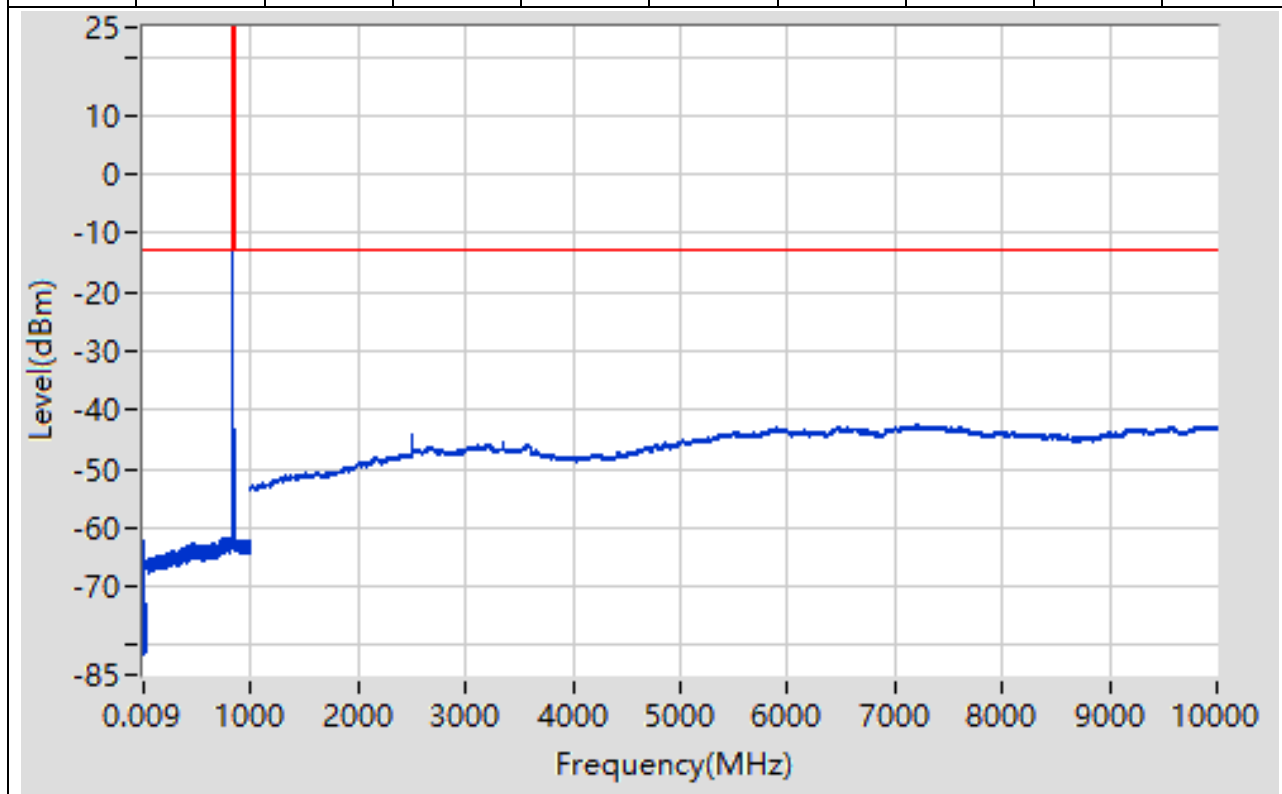
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.124           | -61.88      | -13         | 48.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -60.99      | -13         | 47.99       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 743.6           | -61.71      | -13         | 48.71       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.7        | 60          | 40.3        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 871.1           | -61.7       | -13         | 48.7        | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2662            | -46.29      | -13         | 33.29       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7178            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_Mid

### 22.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

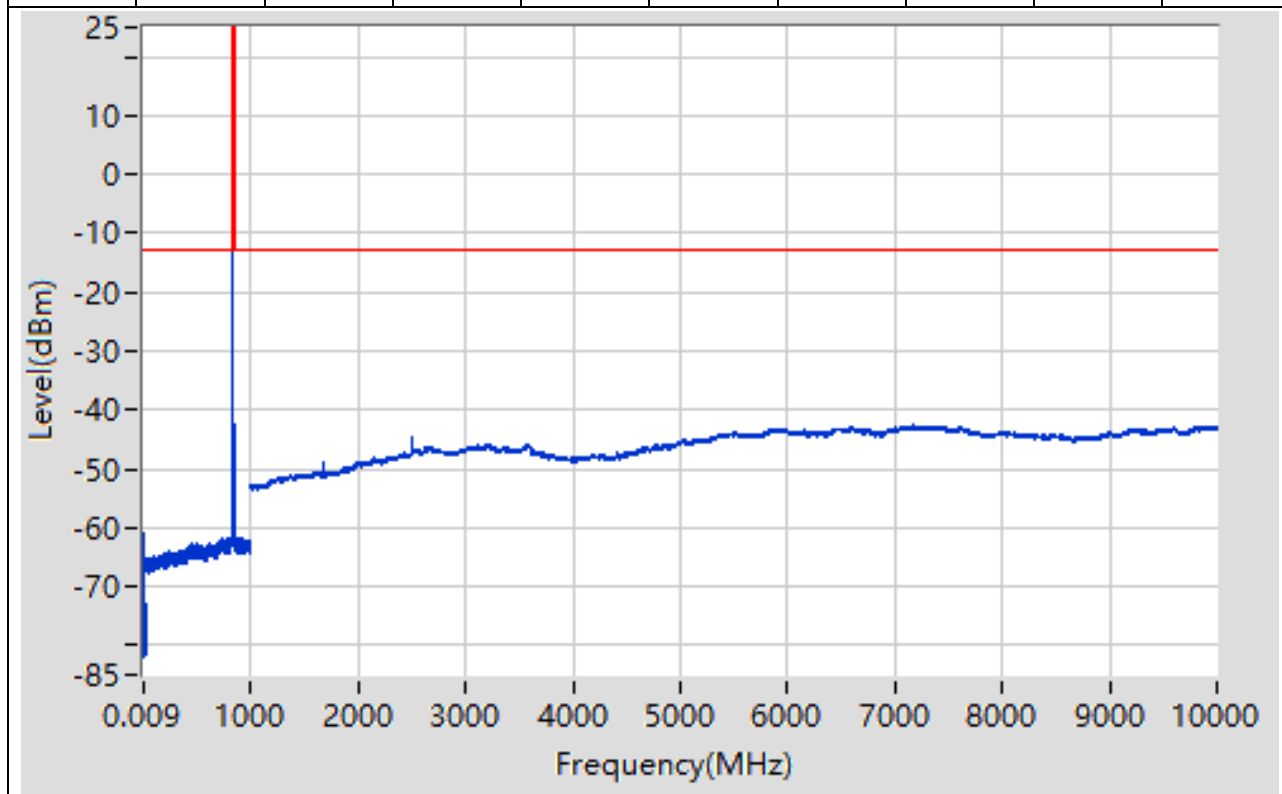
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.123           | -62.13      | -13         | 49.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -62.22      | -13         | 49.22       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 802             | -61.84      | -13         | 48.84       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 18.64       | 60          | 41.36       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 877.2           | -62.02      | -13         | 49.02       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.36      | -13         | 31.36       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7209            | -42.59      | -13         | 29.59       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_Mid

### 22.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

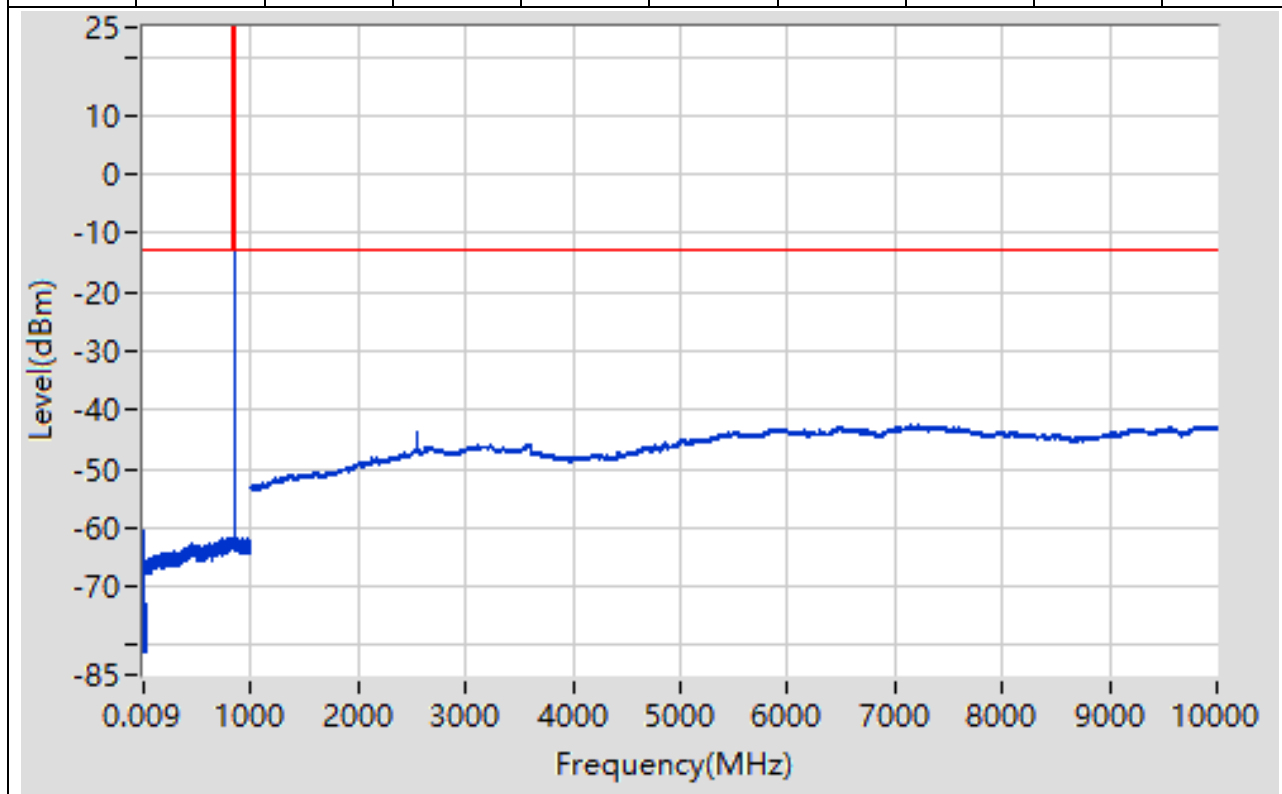
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.122           | -61.03      | -13         | 48.03       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -61.06      | -13         | 48.06       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 801.5           | -61.83      | -13         | 48.83       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.83       | 60          | 40.17       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 865.2           | -61.84      | -13         | 48.84       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.41      | -13         | 31.41       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7180            | -42.6       | -13         | 29.6        | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_High

### 22.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

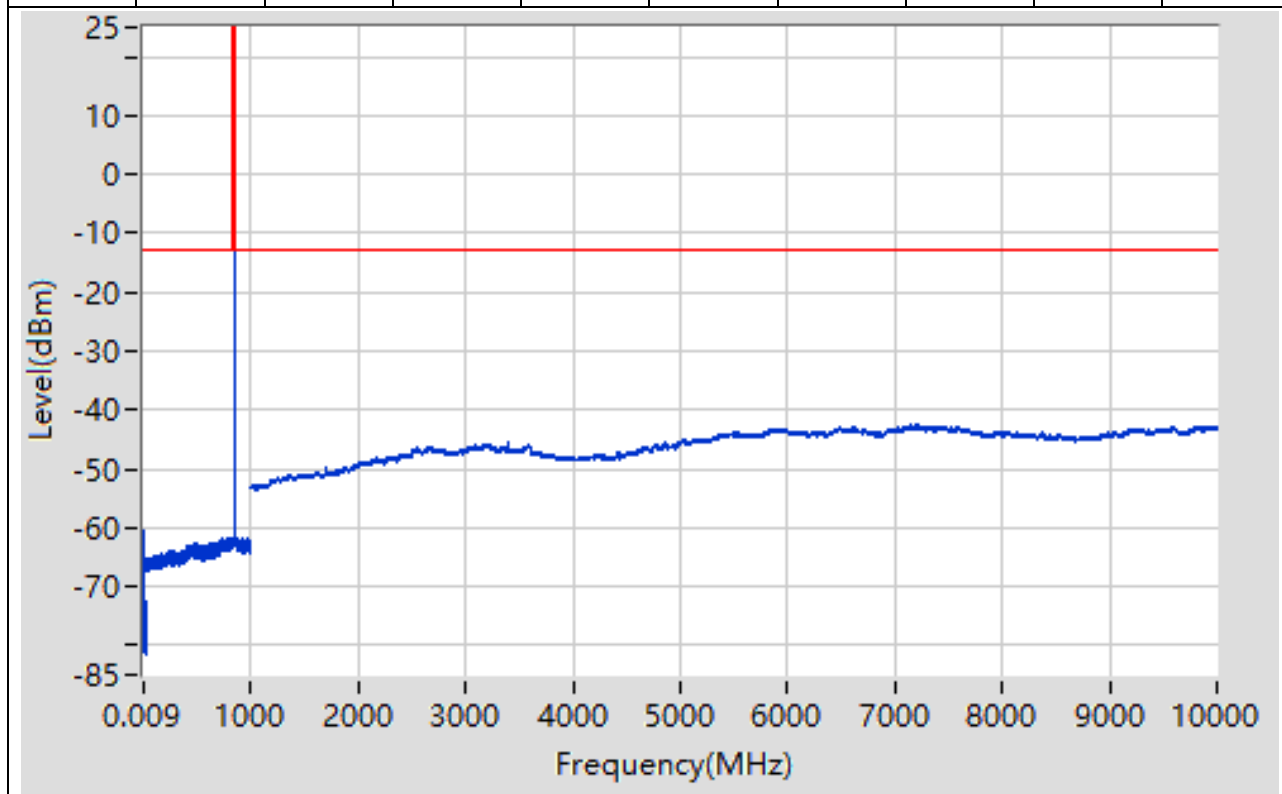
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.142           | -62.3       | -13         | 49.3        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.69      | -13         | 47.69       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 773.4           | -61.79      | -13         | 48.79       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.95       | 60          | 40.05       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 860.3           | -61.83      | -13         | 48.83       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2546            | -43.84      | -13         | 30.84       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7156            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_High

### 22.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

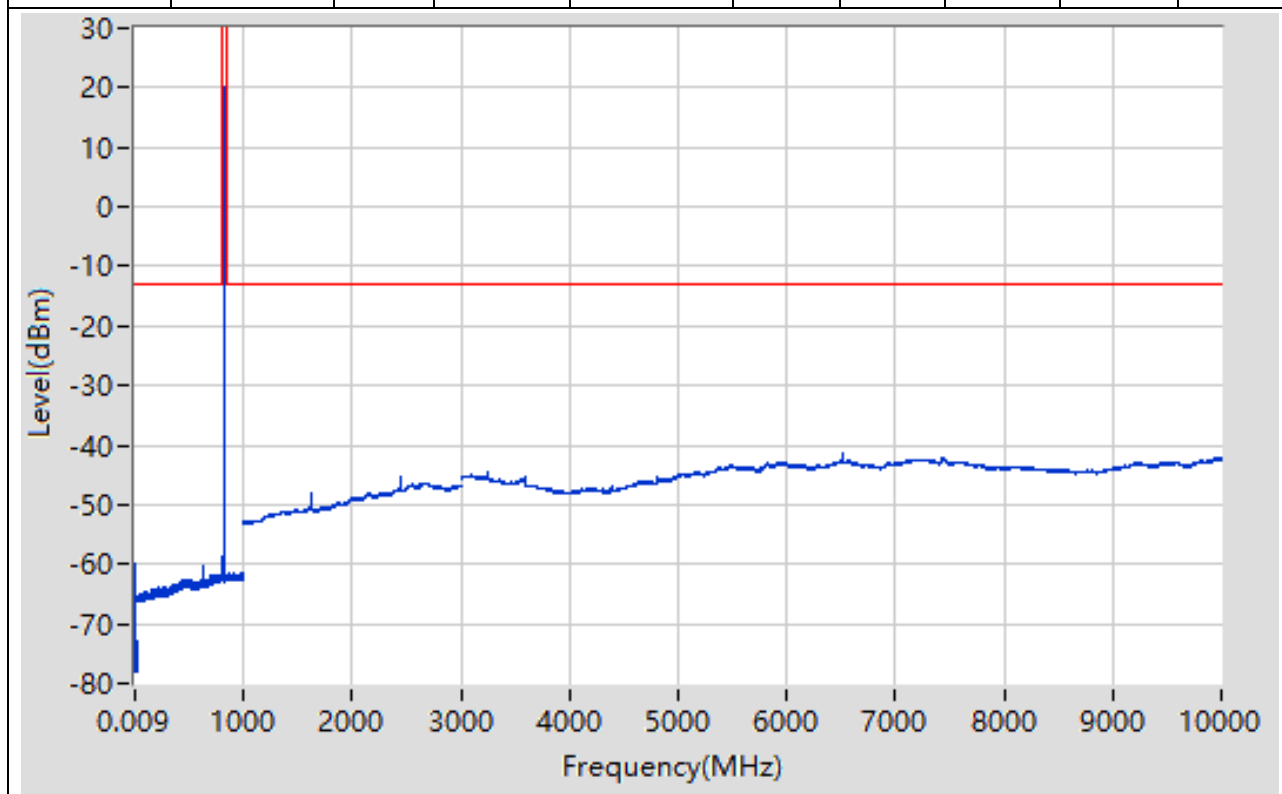
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.123           | -62.98      | -13         | 49.98       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.65      | -13         | 47.65       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 807.4           | -61.8       | -13         | 48.8        | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.9        | 60          | 40.1        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 859             | -61.07      | -13         | 48.07       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2649            | -46.3       | -13         | 33.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7199            | -42.56      | -13         | 29.56       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_Low

### 23.1. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

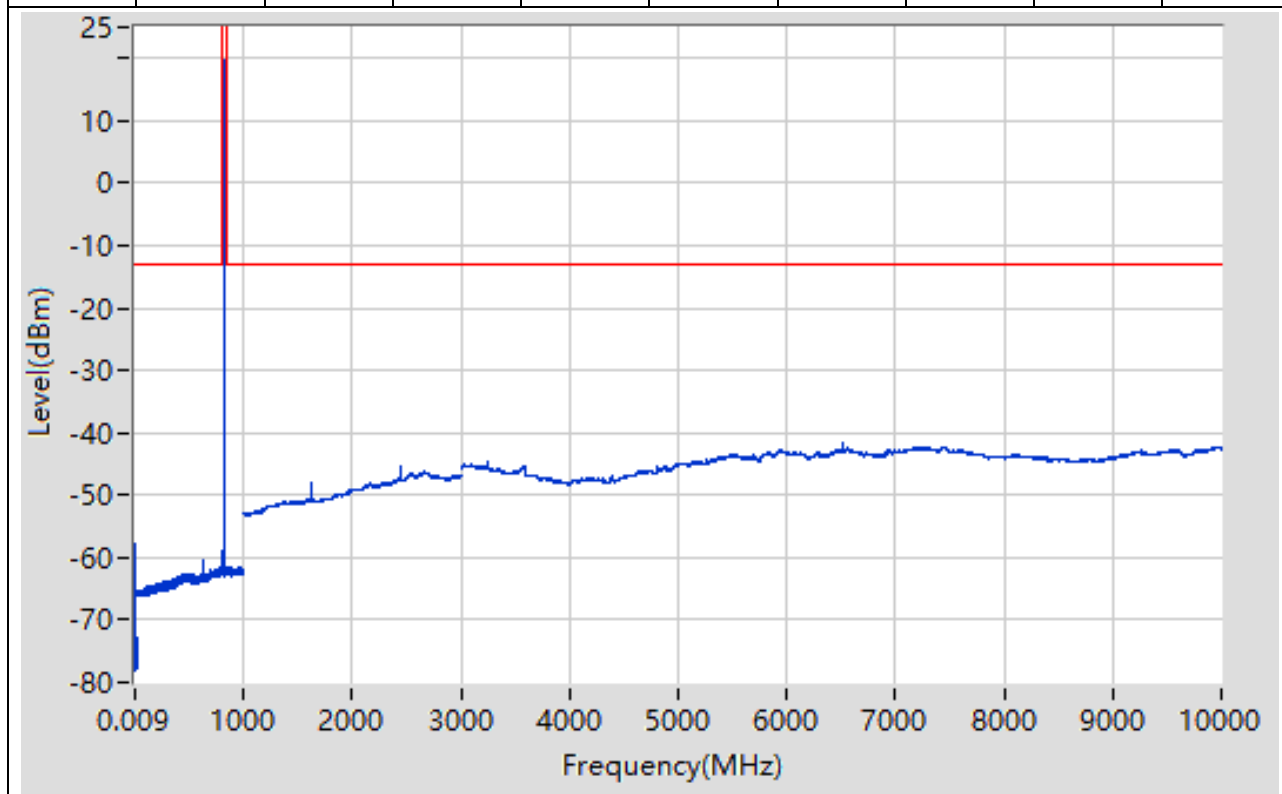
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.076           | -63.61      | -13         | 50.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.85      | -13         | 46.85       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -60.12      | -13         | 47.12       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 20.12       | 60          | 39.88       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 871.9           | -61.49      | -13         | 48.49       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.3       | -13         | 32.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -41.27      | -13         | 28.27       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_Low

### 23.2. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

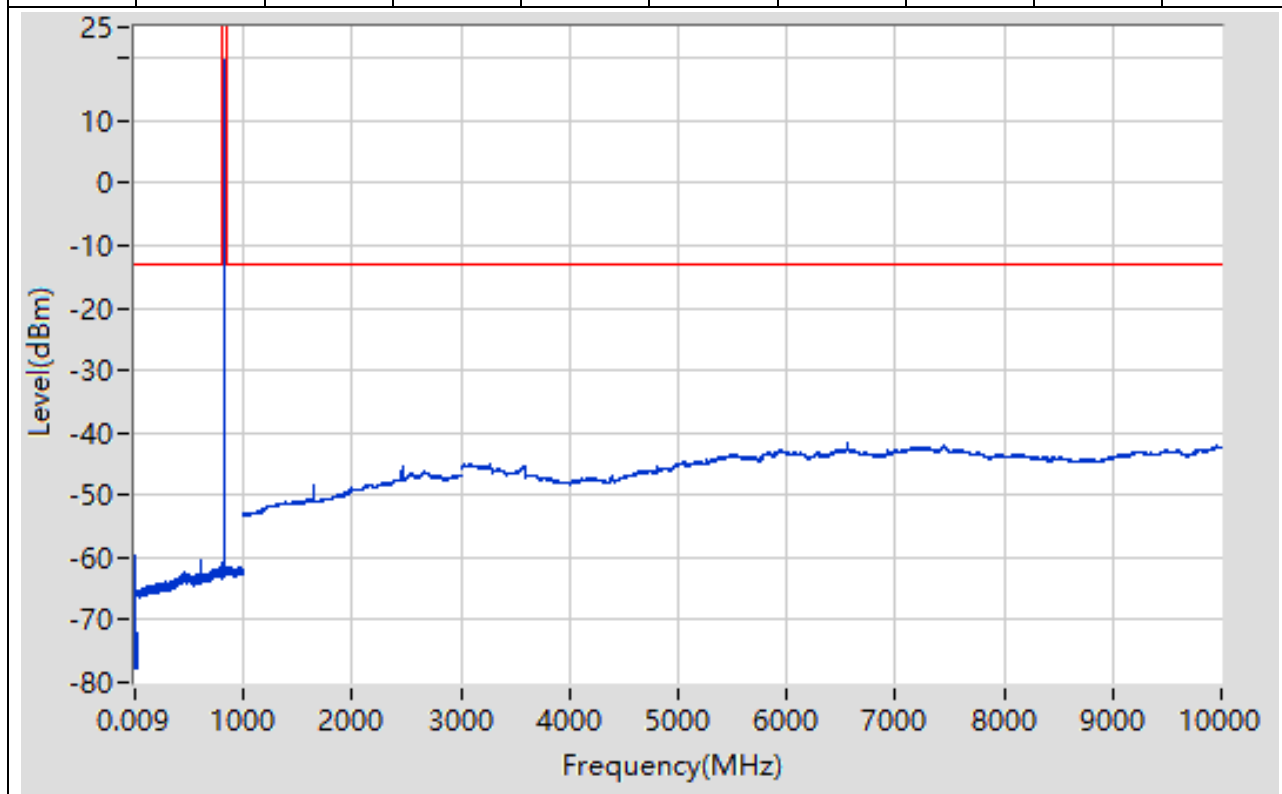
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.111           | -63.67      | -13         | 50.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.98      | -13         | 44.98       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -60.44      | -13         | 47.44       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 19.77       | 60          | 40.23       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 962.4           | -61.48      | -13         | 48.48       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.51      | -13         | 32.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -41.6       | -13         | 28.6        | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_Mid

### 23.3. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

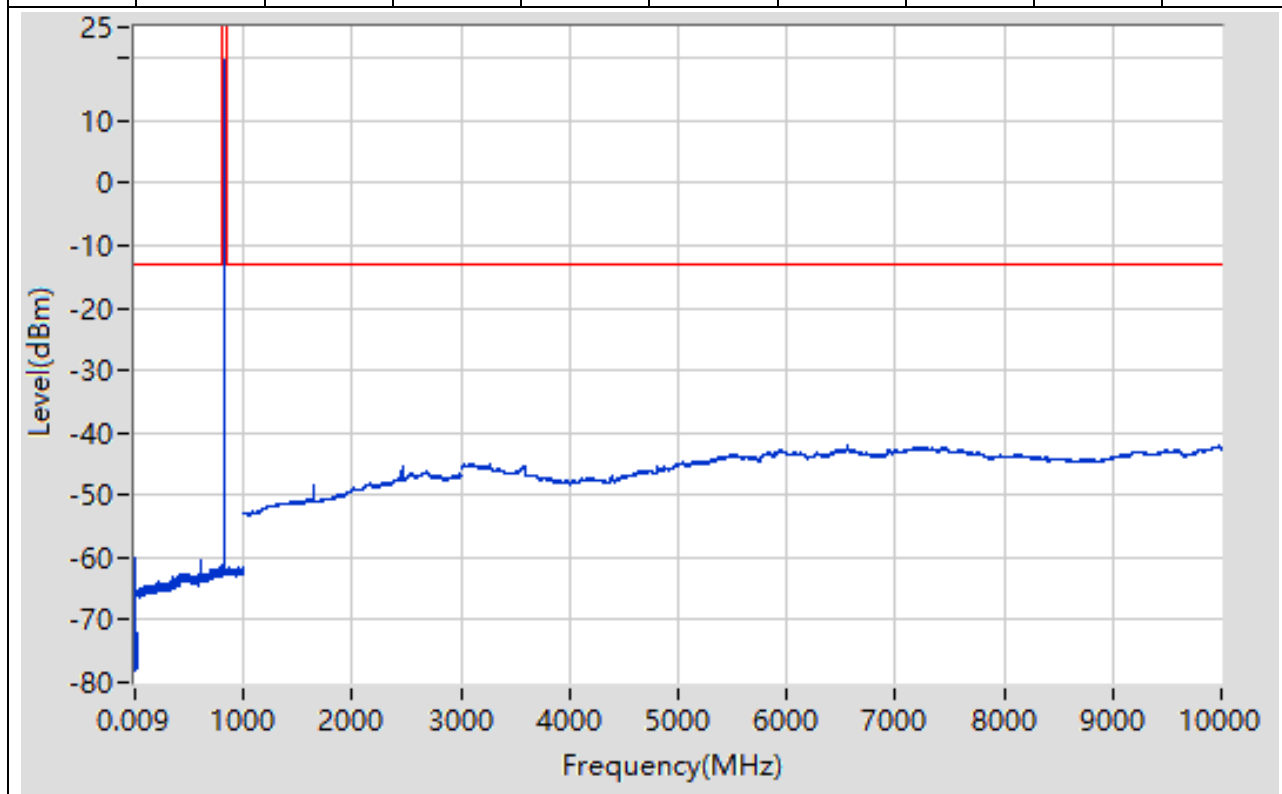
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.143           | -63.2       | -13         | 50.2        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.82      | -13         | 46.82       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.31      | -13         | 47.31       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 19.69       | 60          | 40.31       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 890.6           | -61.47      | -13         | 48.47       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.39      | -13         | 32.39       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.58      | -13         | 28.58       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_Mid

### 23.4. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

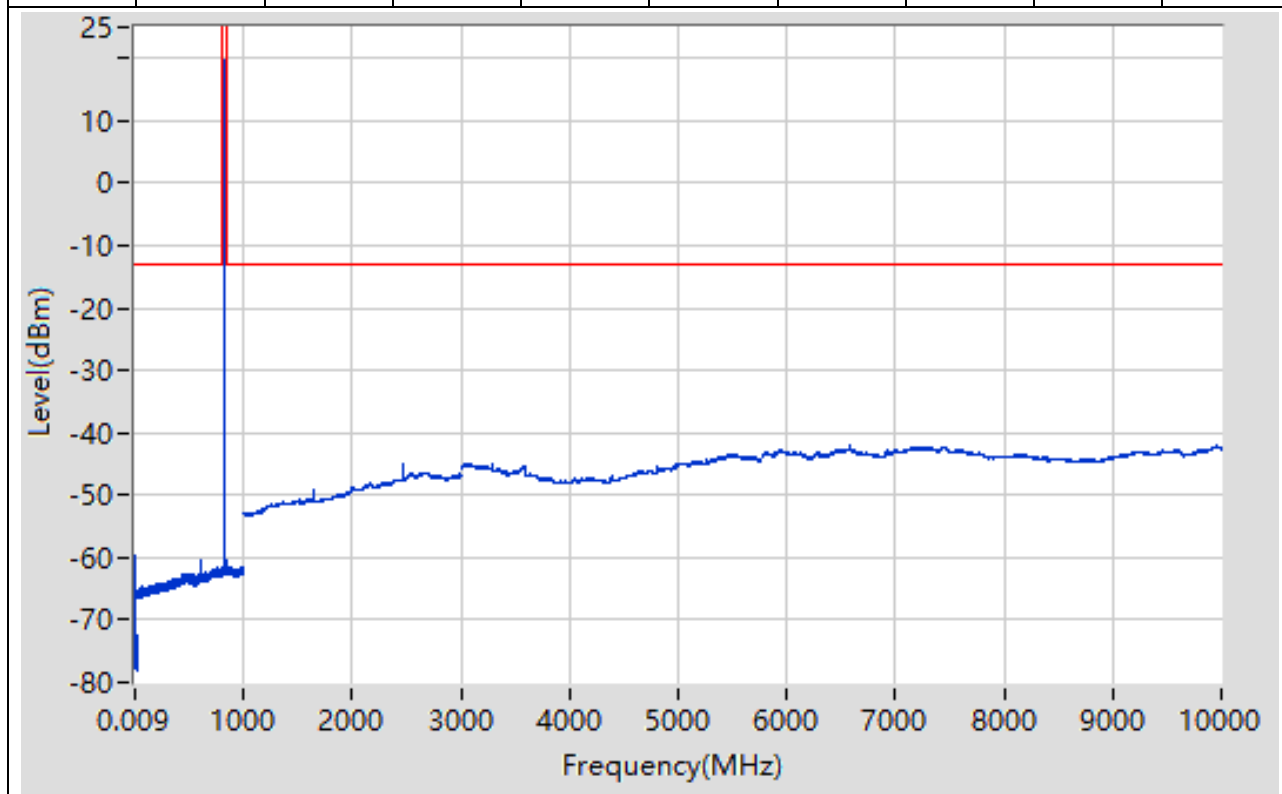
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.037           | -63.06      | -13         | 50.06       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.05      | -13         | 47.05       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.35      | -13         | 47.35       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 19.57       | 60          | 40.43       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 857.5           | -61.61      | -13         | 48.61       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.49      | -13         | 32.49       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.8       | -13         | 28.8        | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_High

### 23.5. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

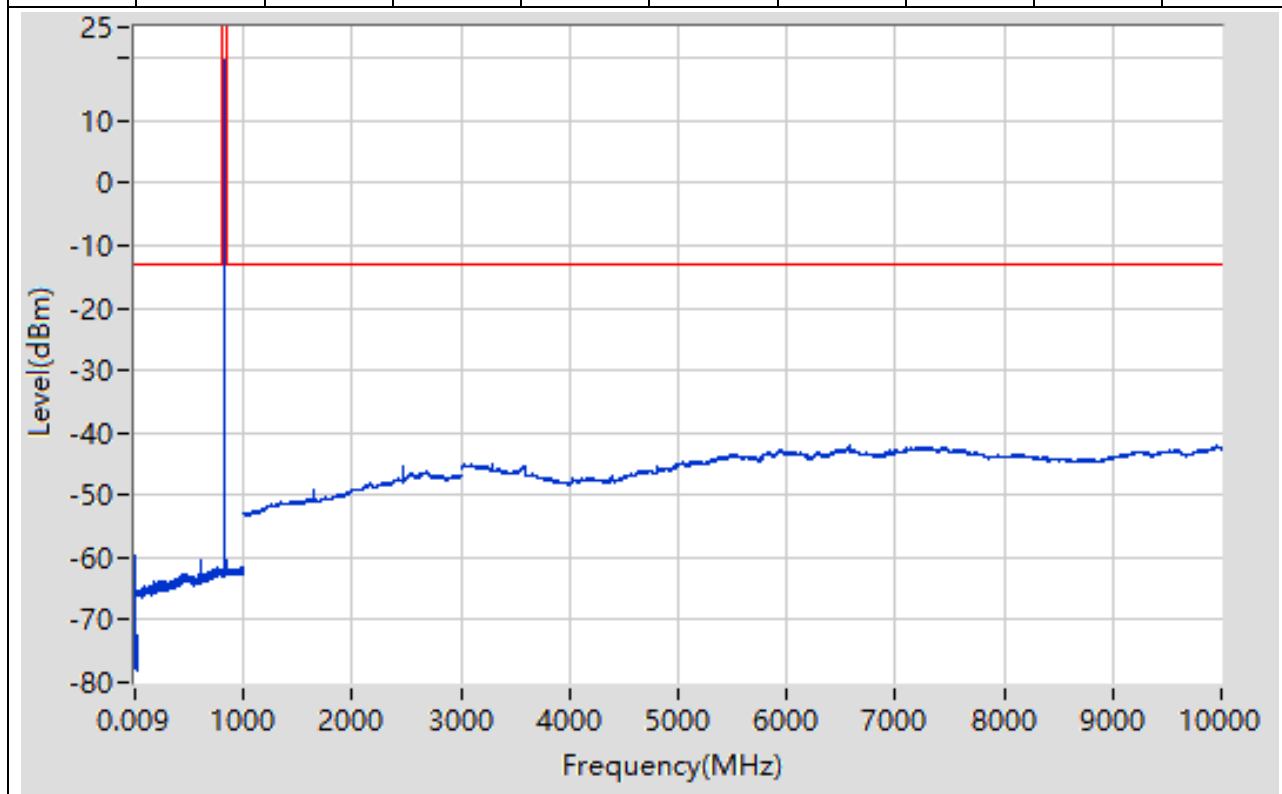
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -64.39      | -13         | 51.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.82      | -13         | 46.82       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -60.59      | -13         | 47.59       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 19.77       | 60          | 40.23       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.36      | -13         | 47.36       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.17      | -13         | 32.17       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6590            | -42         | -13         | 29          | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_High

### 23.6. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

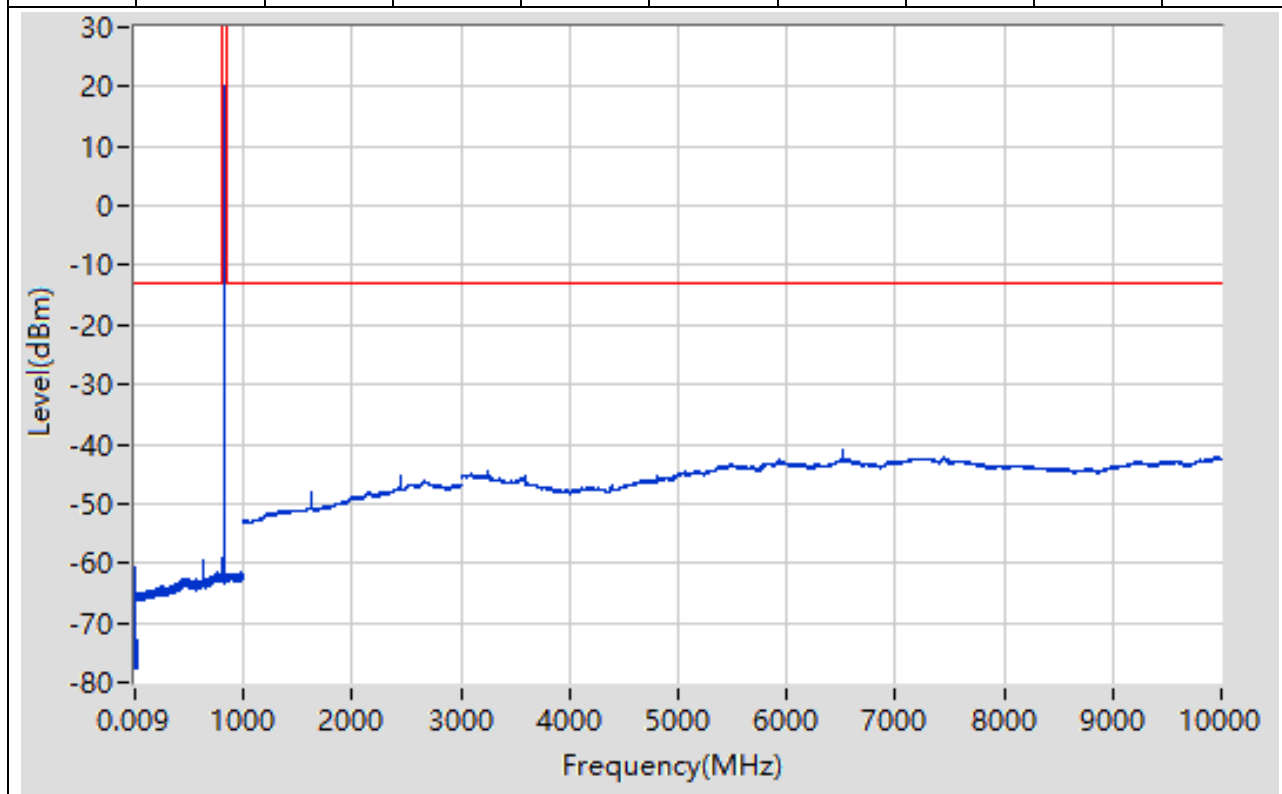
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.102           | -63.35      | -13         | 50.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.58      | -13         | 46.58       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -60.58      | -13         | 47.58       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 19.61       | 60          | 40.39       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.85      | -13         | 47.85       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.3       | -13         | 32.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9962            | -42.12      | -13         | 29.12       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_Low

### 23.7. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

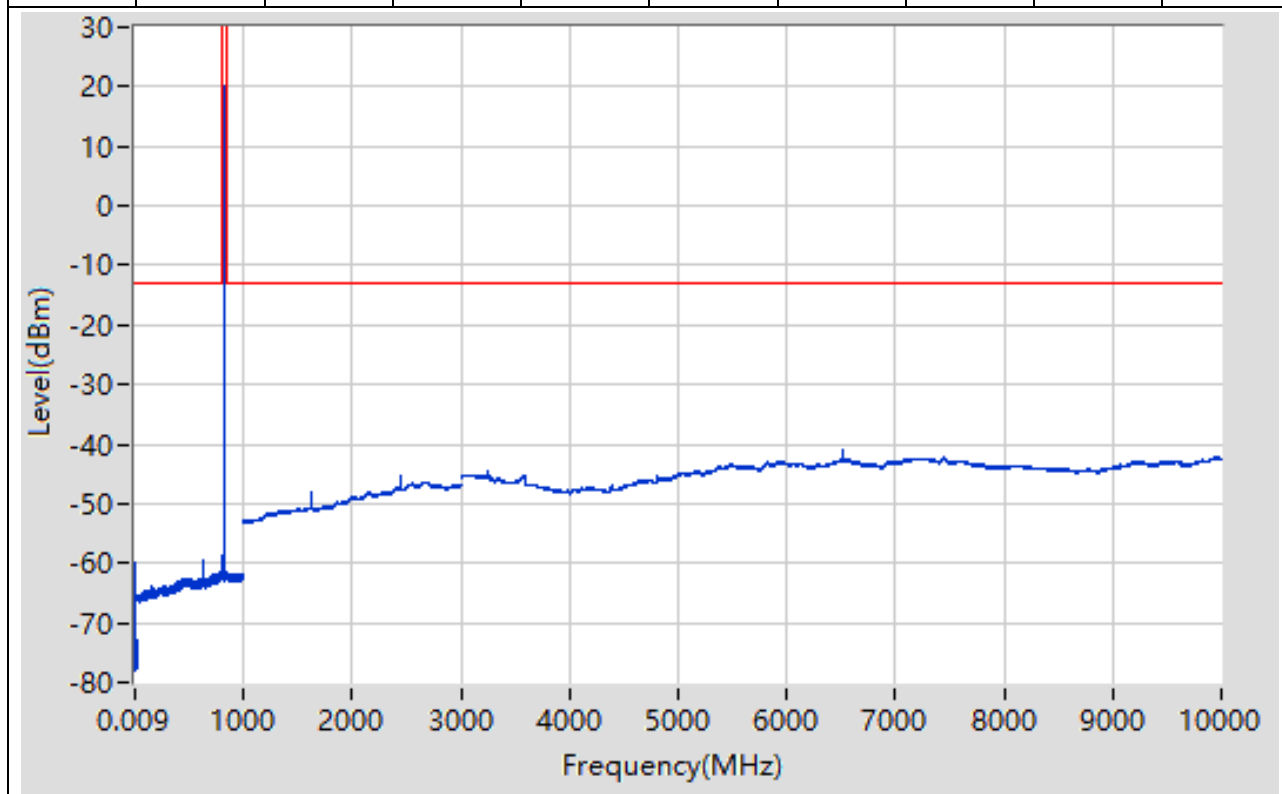
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.018           | -63.95      | -13         | 50.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.76      | -13         | 47.76       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -59.7       | -13         | 46.7        | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 20.25       | 60          | 39.75       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 975.7           | -61.66      | -13         | 48.66       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.27      | -13         | 32.27       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -41.02      | -13         | 28.02       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_Low

### 23.8. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

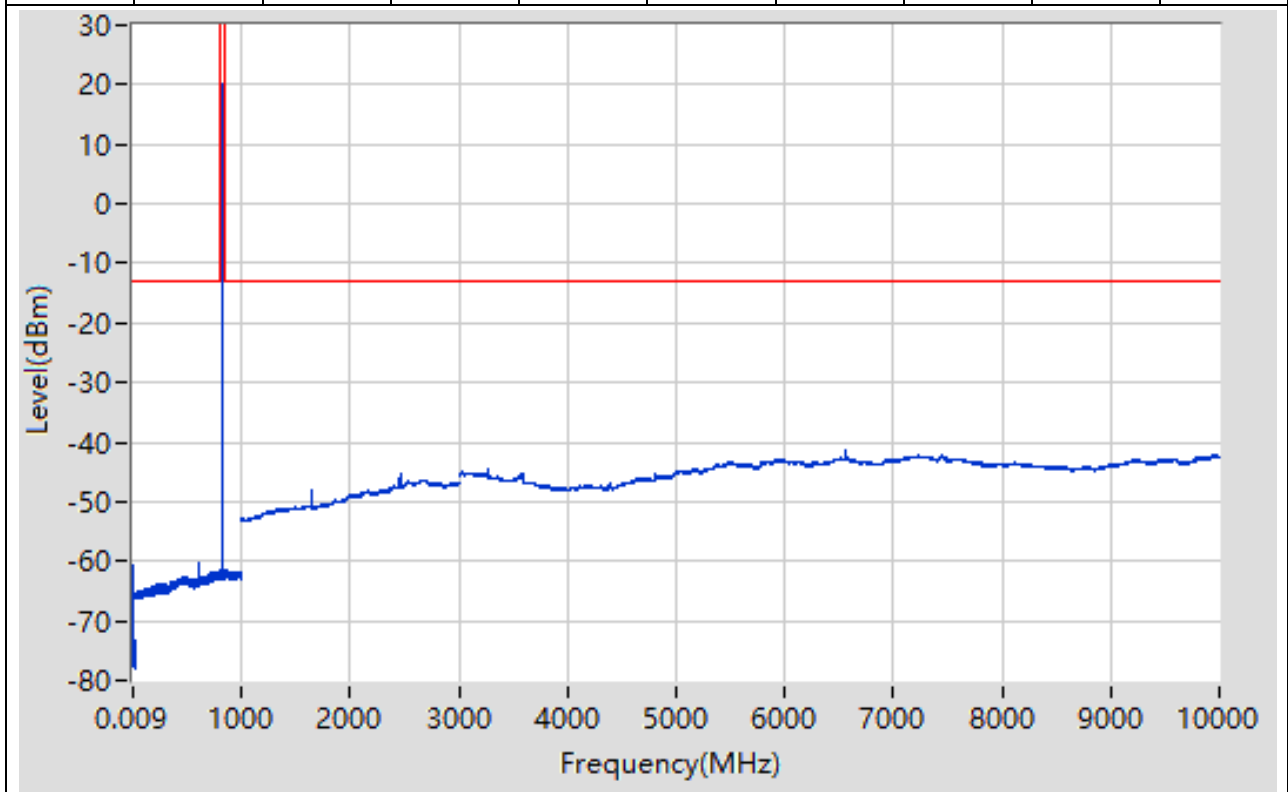
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.049           | -63.95      | -13         | 50.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.02      | -13         | 47.02       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -59.46      | -13         | 46.46       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 20.23       | 60          | 39.77       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 840.1           | -61.61      | -13         | 48.61       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.25      | -13         | 32.25       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -40.97      | -13         | 27.97       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_Mid

### 23.9. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

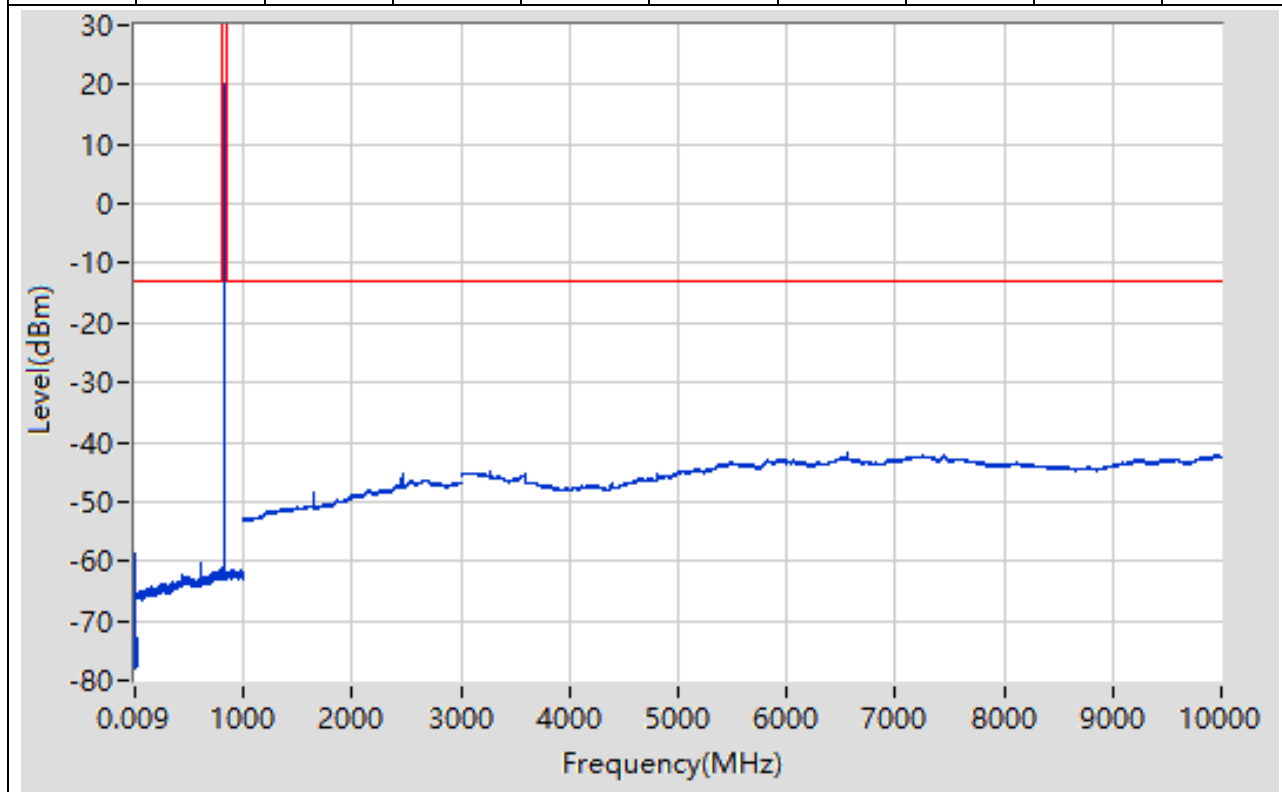
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.097           | -63.51      | -13         | 50.51       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -60.62      | -13         | 47.62       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.3       | -13         | 47.3        | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 20.16       | 60          | 39.84       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834.1           | -61.64      | -13         | 48.64       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.17      | -13         | 32.17       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.5       | -13         | 28.5        | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_Mid

### 23.10. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

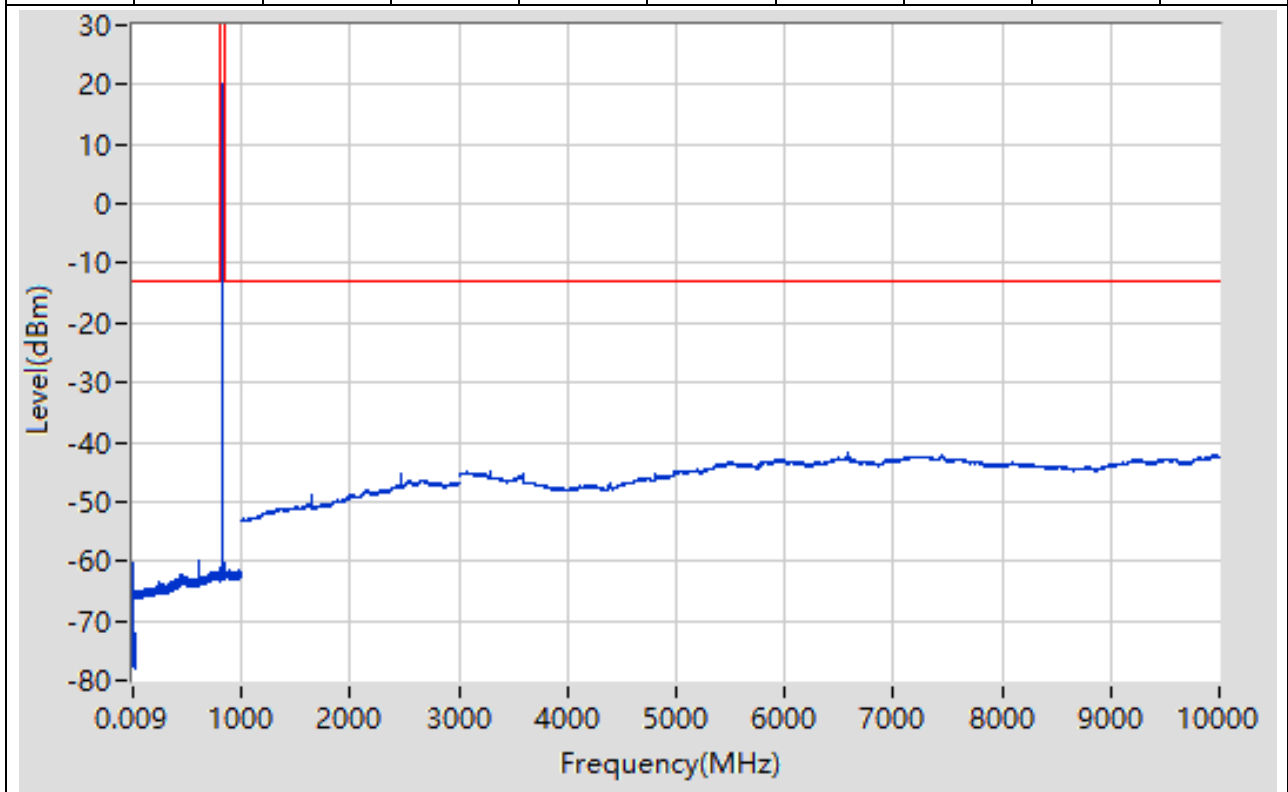
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.137           | -63.71      | -13         | 50.71       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.57      | -13         | 45.57       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.19      | -13         | 47.19       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 20.02       | 60          | 39.98       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 977.7           | -61.61      | -13         | 48.61       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.12      | -13         | 32.12       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.59      | -13         | 28.59       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_High

### 23.11. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

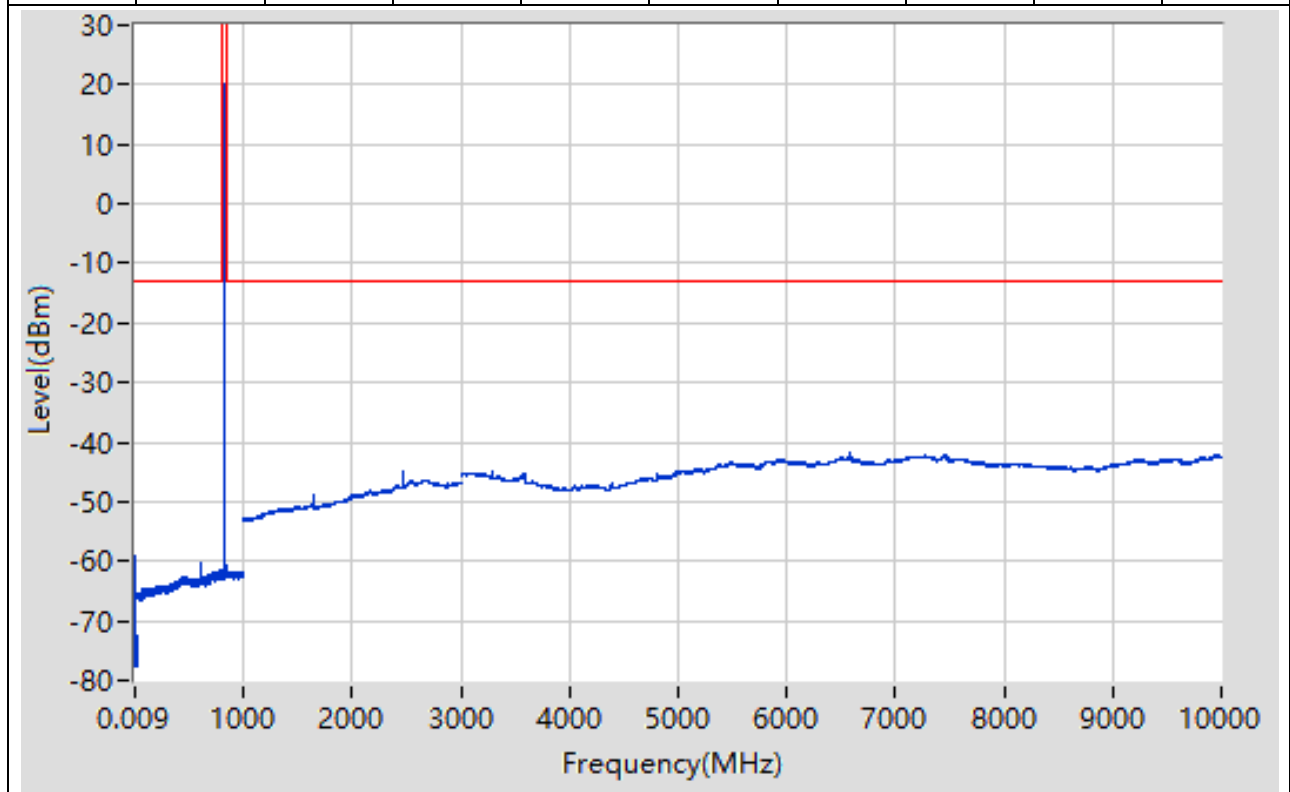
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.134           | -63.67      | -13         | 50.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.29      | -13         | 47.29       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -59.98      | -13         | 46.98       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 20.05       | 60          | 39.95       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.46      | -13         | 47.46       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.16      | -13         | 32.16       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6590            | -41.71      | -13         | 28.71       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_High

### 23.12. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

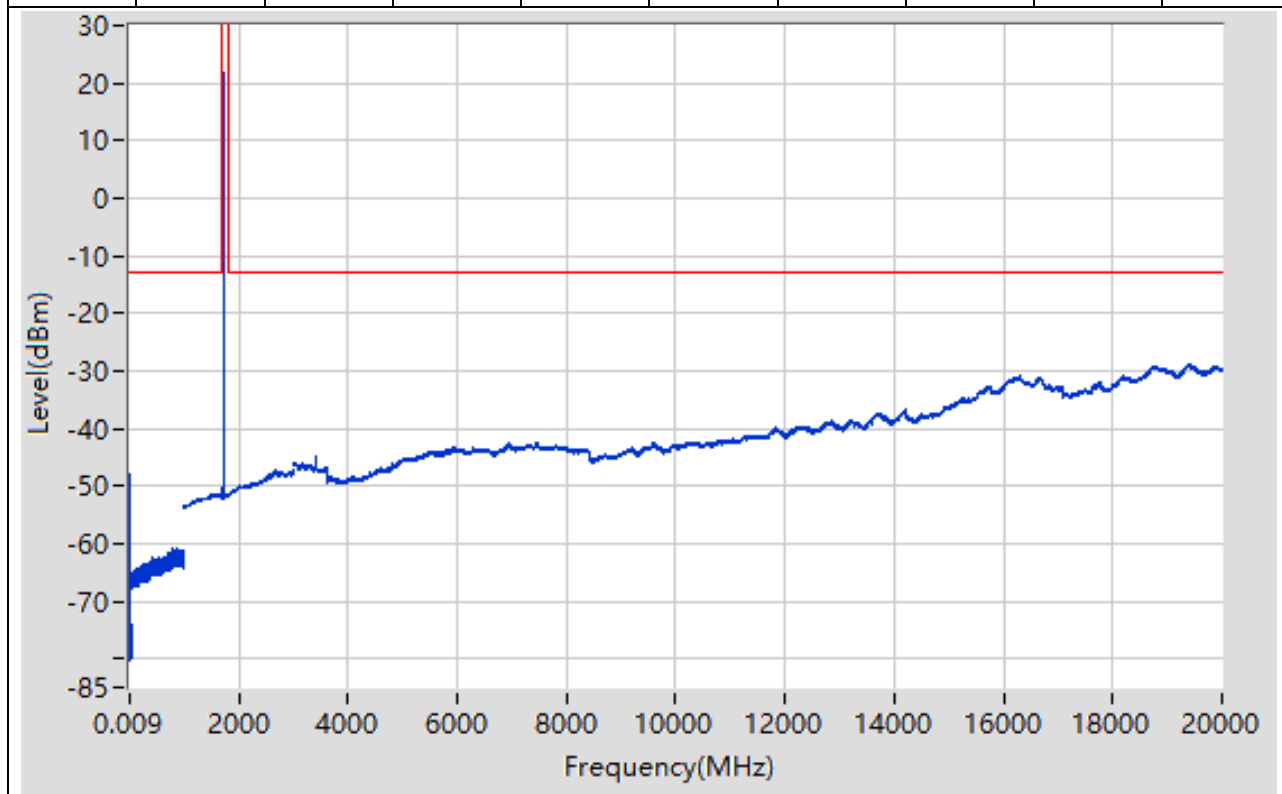
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.15            | -64.16      | -13         | 51.16       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.01      | -13         | 46.01       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -60.31      | -13         | 47.31       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 20.16       | 60          | 39.84       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.81      | -13         | 47.81       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.09      | -13         | 32.09       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6590            | -41.85      | -13         | 28.85       | Pass    | 7001        |



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_Low

### 24.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

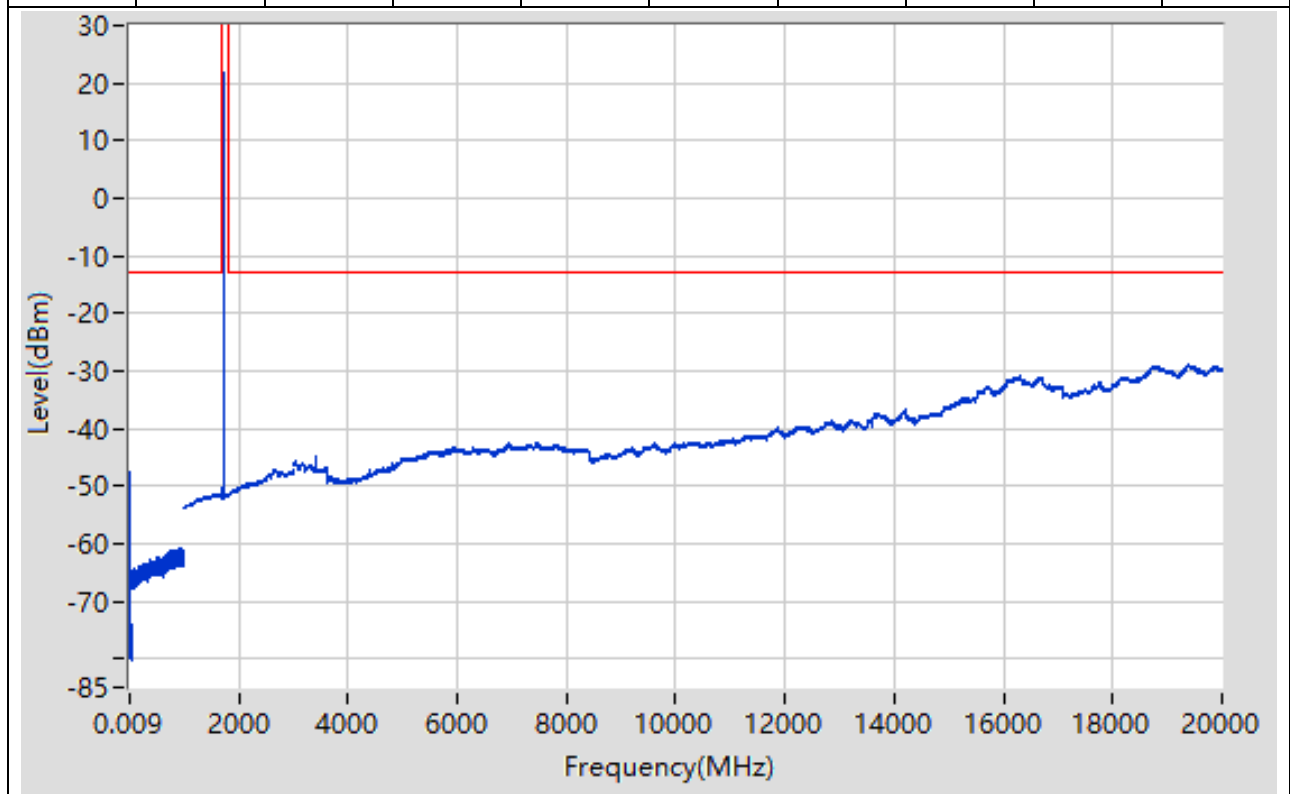
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.12      | -13         | 35.12       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.55      | -13         | 43.55       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 788.5           | -60.73      | -13         | 47.73       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -50.62      | -13         | 37.62       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 21.87       | 60          | 38.13       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2656            | -47.2       | -13         | 34.2        | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19380           | -28.93      | -13         | 15.93       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_Low

### 24.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

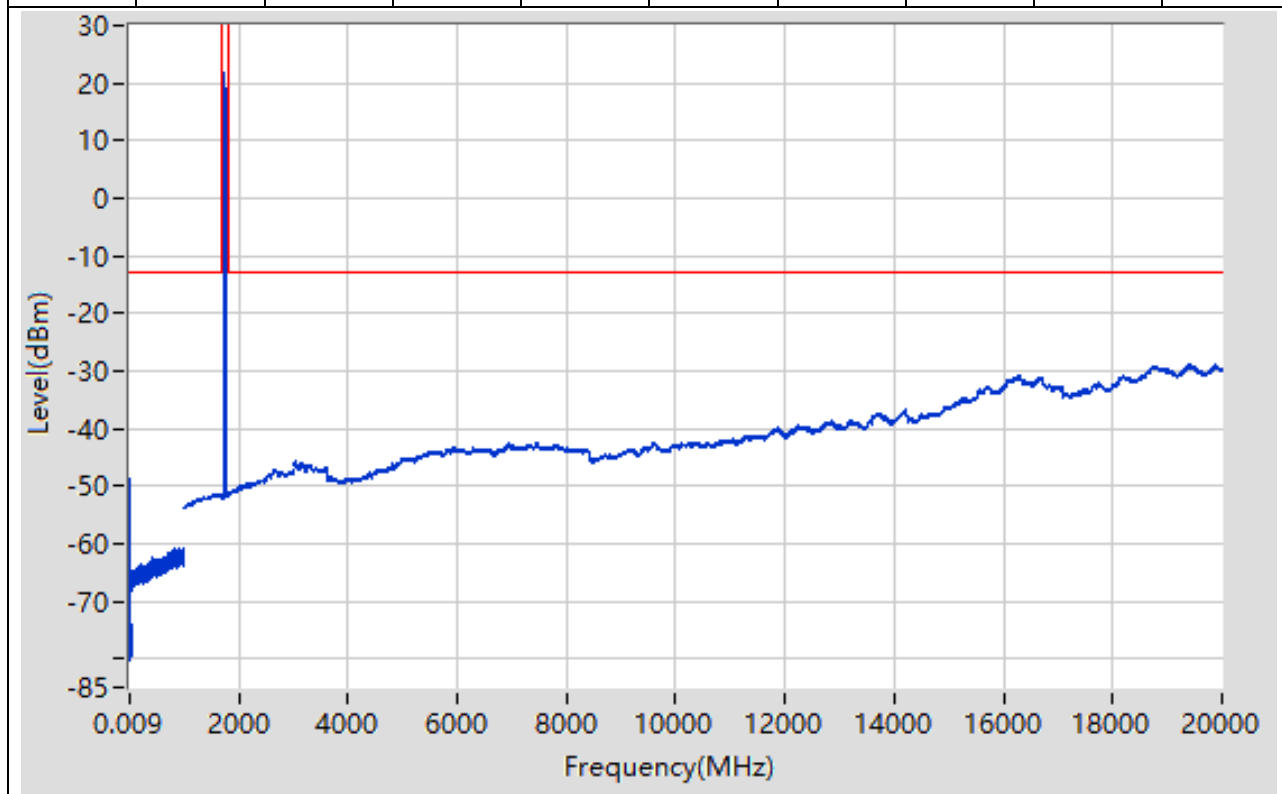
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -47.53      | -13         | 34.53       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.97      | -13         | 43.97       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 937.9           | -60.93      | -13         | 47.93       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1696            | -51.06      | -13         | 38.06       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 21.84       | 60          | 38.16       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2999            | -47.18      | -13         | 34.18       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19385           | -28.89      | -13         | 15.89       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_Mid

### 24.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

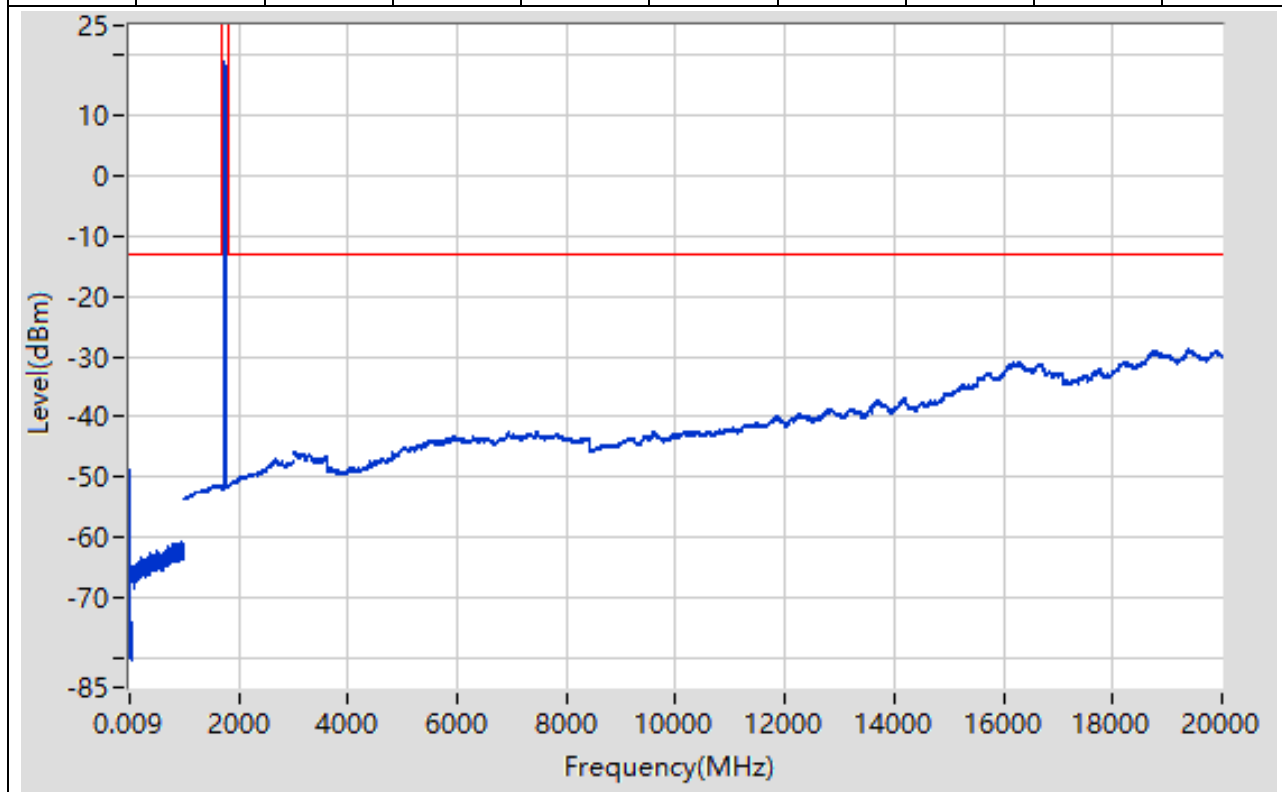
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.62      | -13         | 35.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.65      | -13         | 44.65       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 827.5           | -60.89      | -13         | 47.89       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1593            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745            | 21.82       | 60          | 38.18       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2666            | -47.26      | -13         | 34.26       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19417           | -28.96      | -13         | 15.96       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_Mid

### 24.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

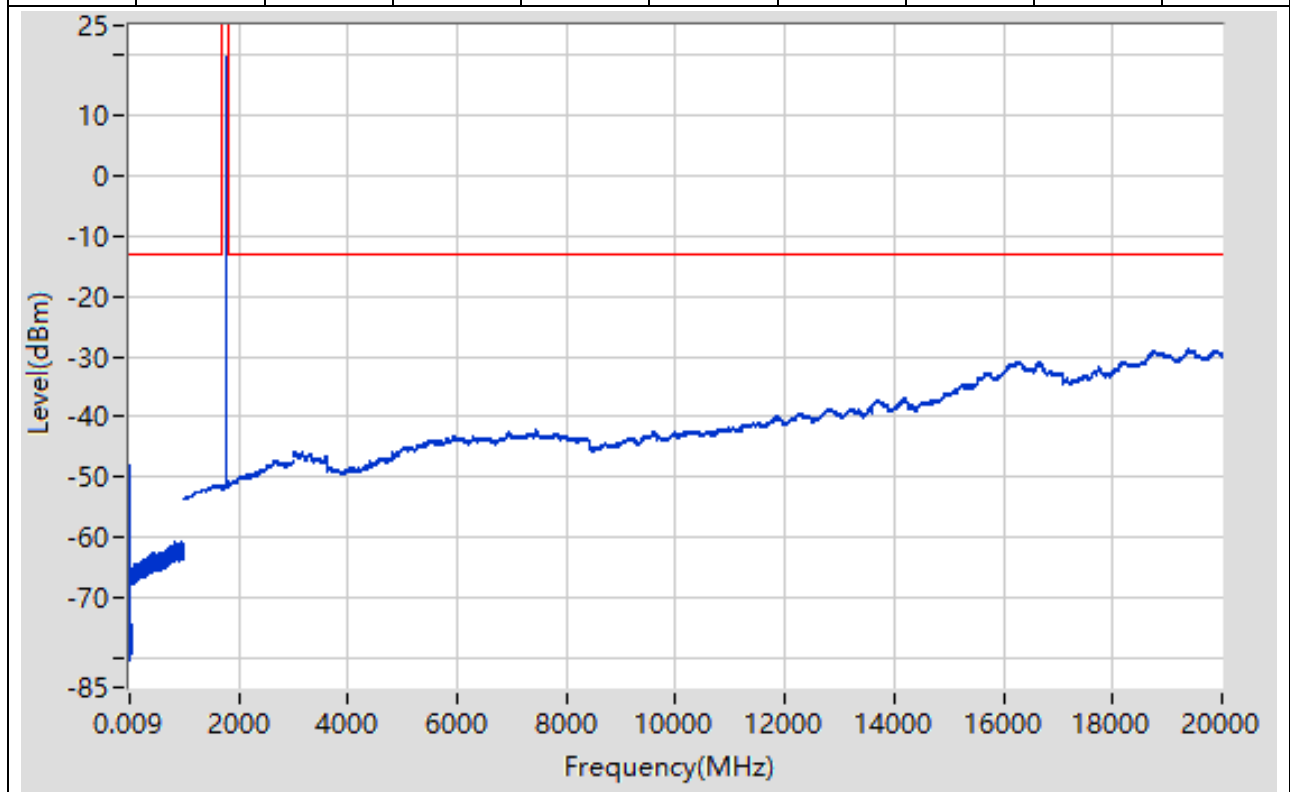
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.66      | -13         | 35.66       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57         | -13         | 44          | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 948             | -60.89      | -13         | 47.89       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1681            | -51.36      | -13         | 38.36       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745.225        | 19.16       | 60          | 40.84       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2661            | -47.13      | -13         | 34.13       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19367           | -28.83      | -13         | 15.83       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_High

### 24.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

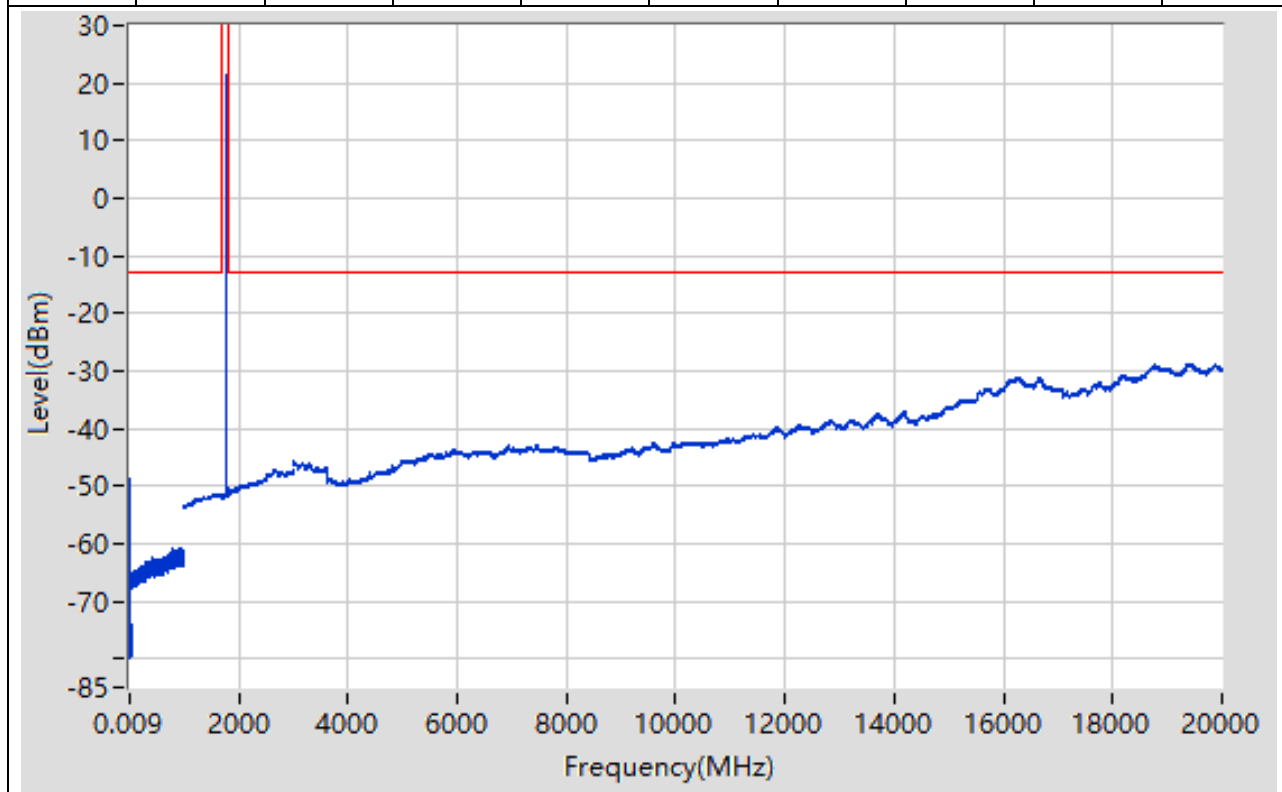
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.25      | -13         | 35.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.06      | -13         | 44.06       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925.3           | -60.86      | -13         | 47.86       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1686            | -51.39      | -13         | 38.39       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.425        | 19.81       | 60          | 40.19       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 3000            | -47.3       | -13         | 34.3        | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19391           | -28.84      | -13         | 15.84       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_High

### 24.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

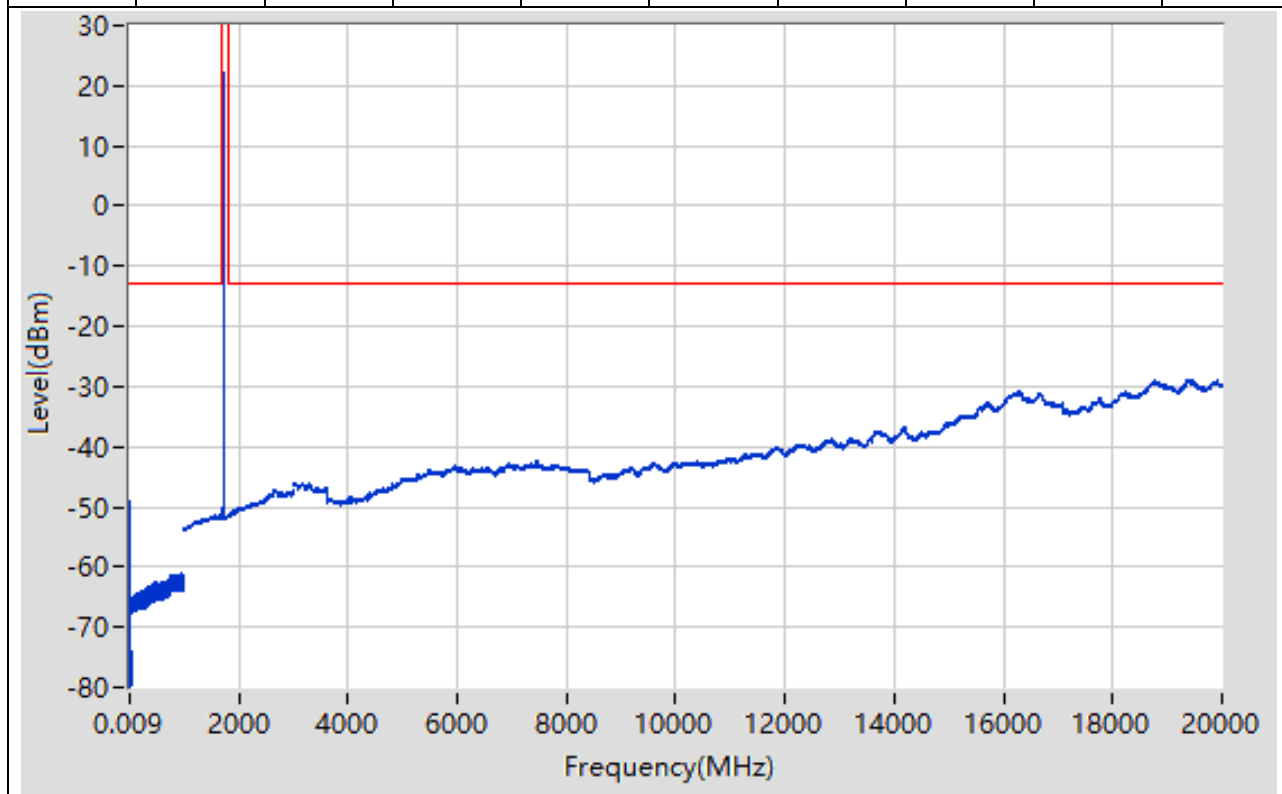
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.62      | -13         | 35.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.59      | -13         | 43.59       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 919.4           | -60.75      | -13         | 47.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1698            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.875        | 21.47       | 60          | 38.53       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 3000            | -47.11      | -13         | 34.11       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19369           | -28.82      | -13         | 15.82       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_Low

### 24.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

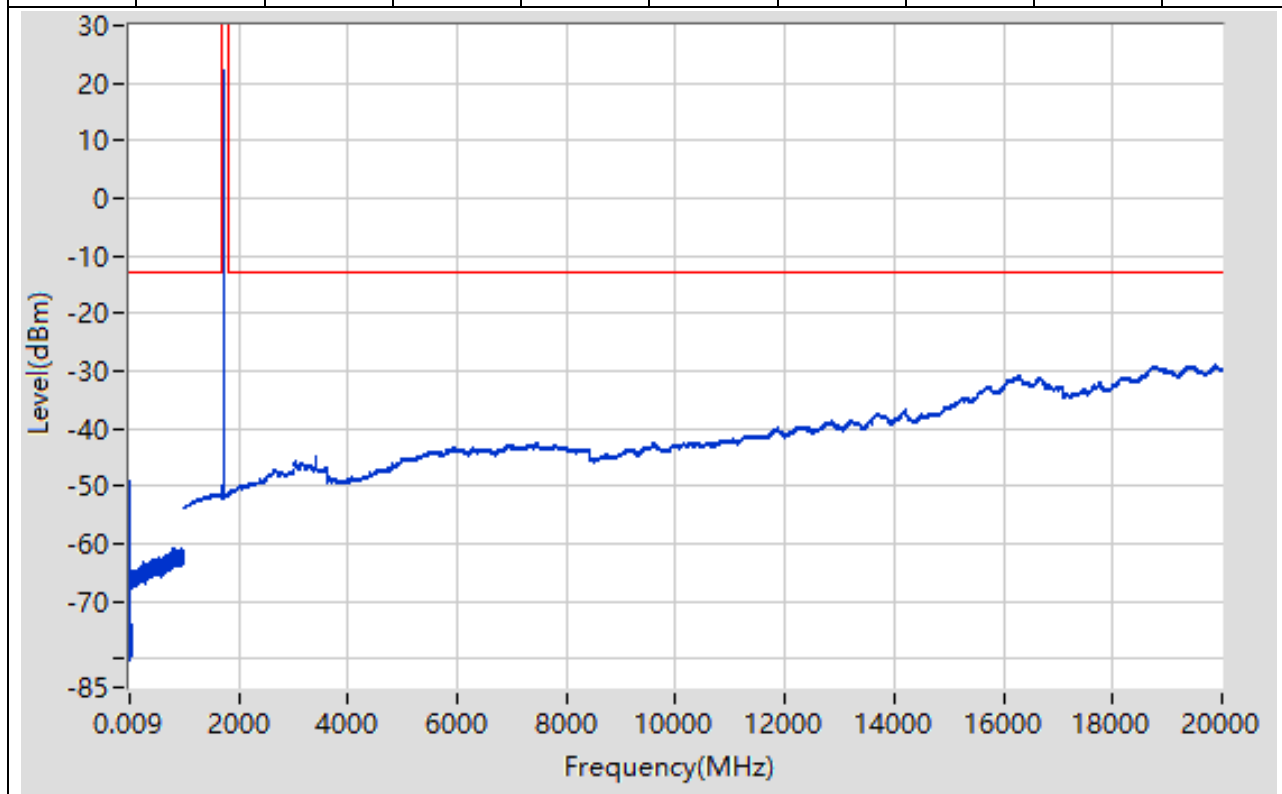
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.92      | -13         | 35.92       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.89      | -13         | 43.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 939.8           | -60.9       | -13         | 47.9        | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -50.4       | -13         | 37.4        | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 22.25       | 60          | 37.75       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2663            | -47.23      | -13         | 34.23       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19350           | -28.96      | -13         | 15.96       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_Low

### 24.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

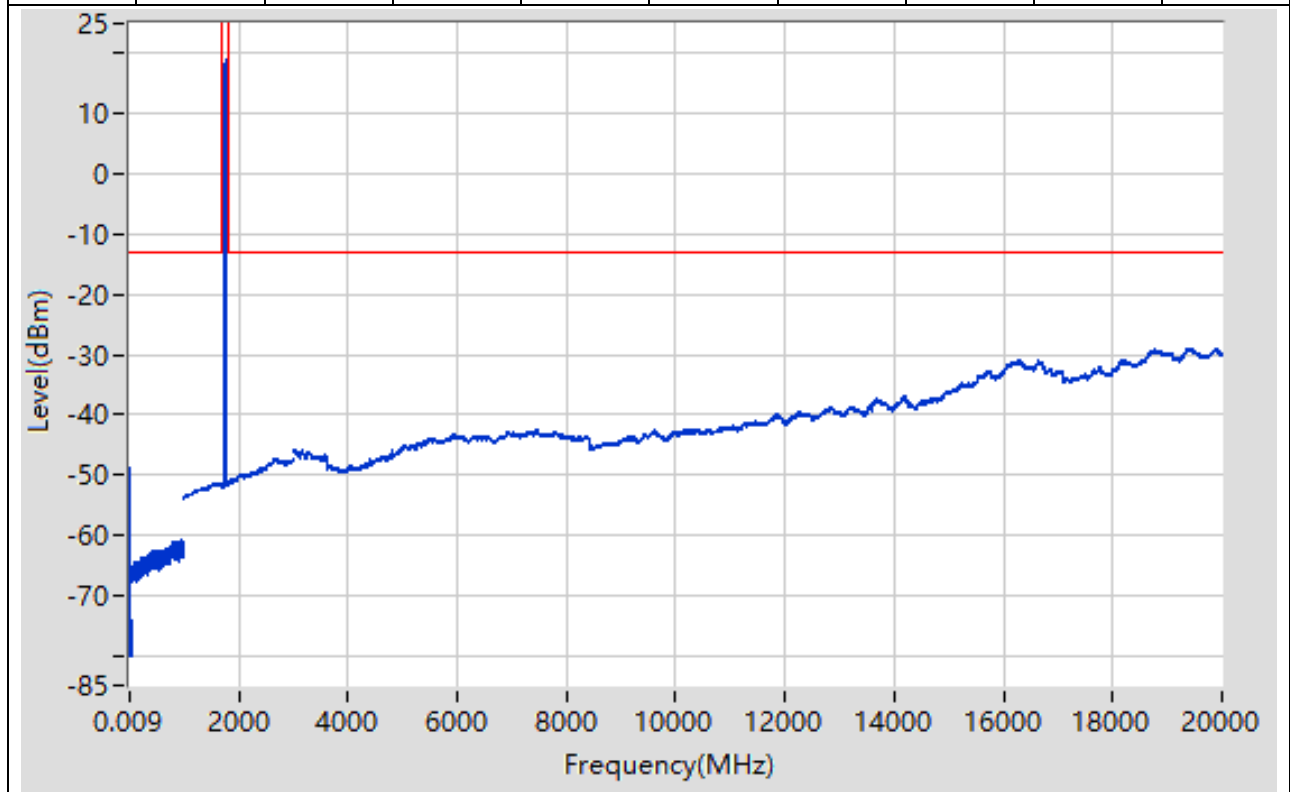
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -49.13      | -13         | 36.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.52      | -13         | 43.52       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 785.7           | -60.75      | -13         | 47.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1699            | -50.8       | -13         | 37.8        | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 22.14       | 60          | 37.86       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2651            | -47.15      | -13         | 34.15       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19884           | -29.04      | -13         | 16.04       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_Mid

### 24.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

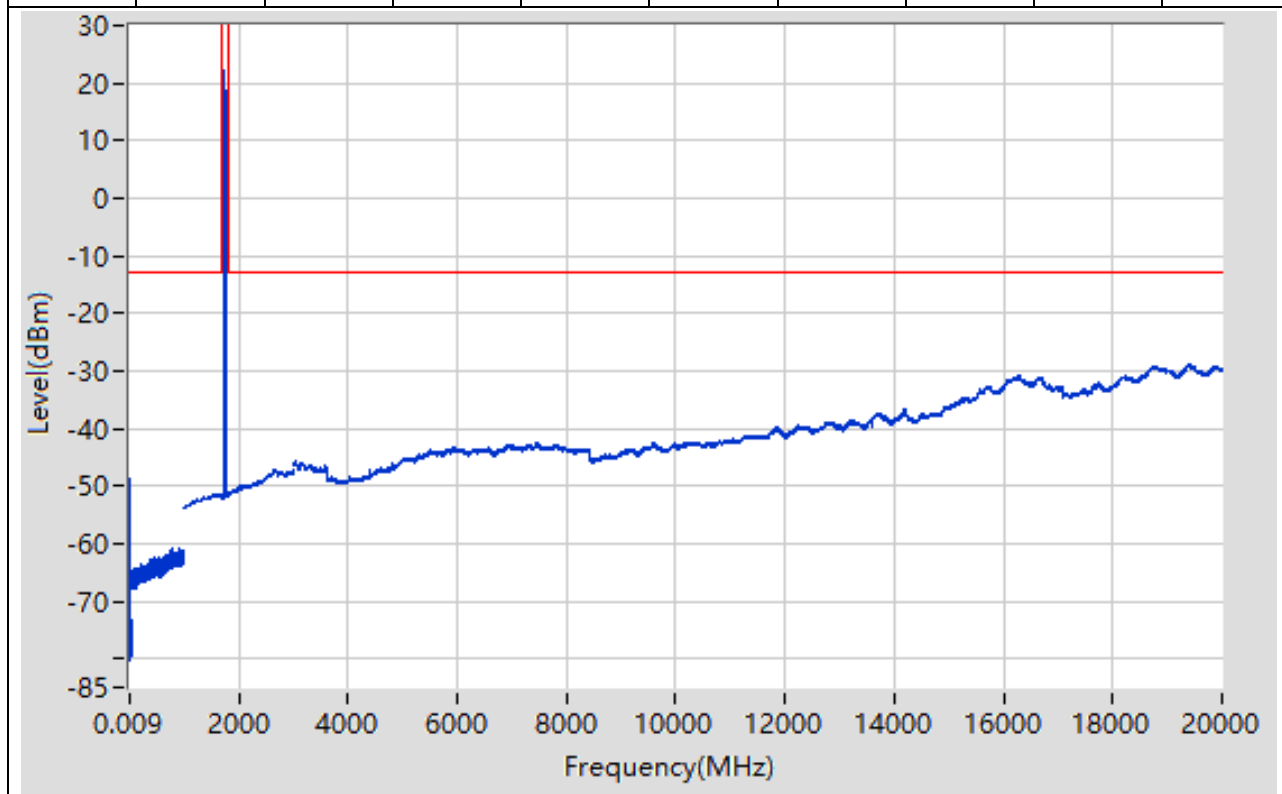
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.67      | -13         | 35.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.4       | -13         | 43.4        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 926.4           | -60.84      | -13         | 47.84       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1677            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745.45         | 18.94       | 60          | 41.06       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2658            | -47.26      | -13         | 34.26       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19399           | -29.05      | -13         | 16.05       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_Mid

### 24.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

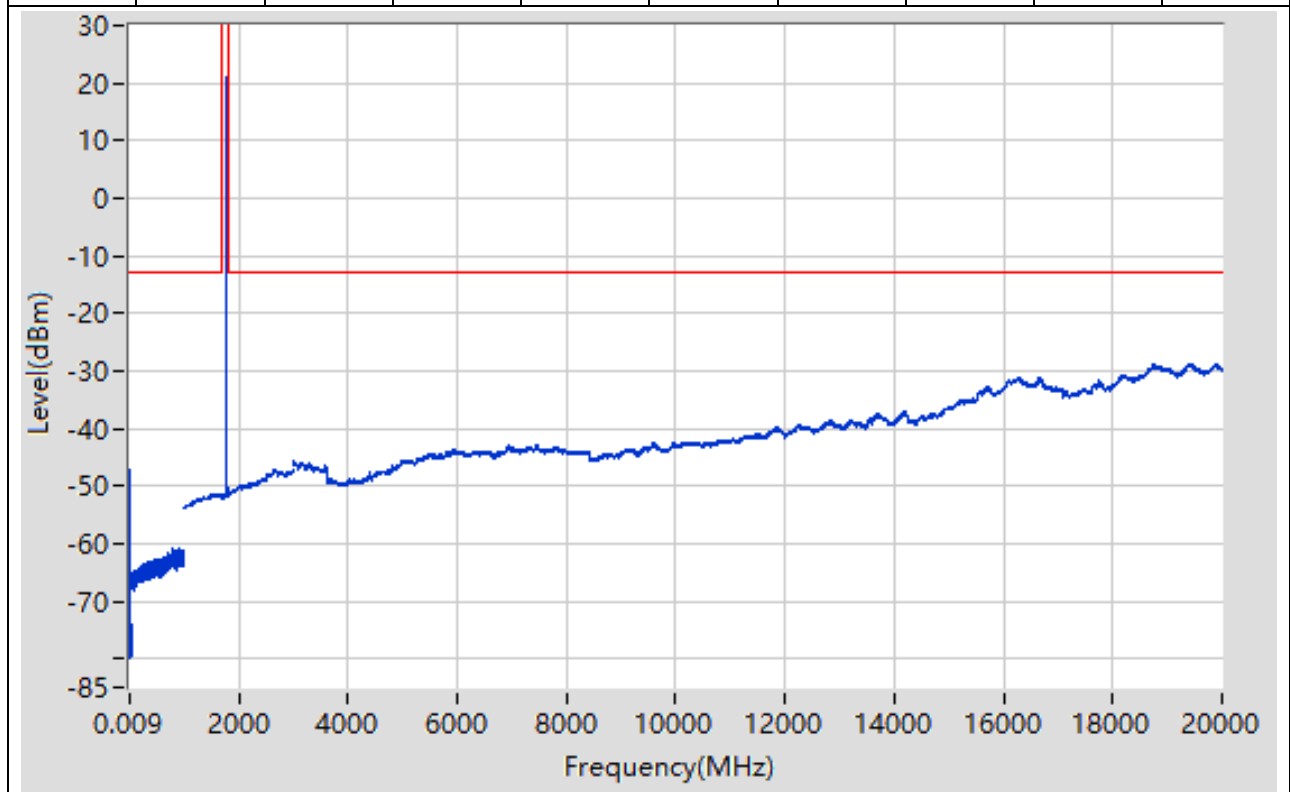
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.79      | -13         | 35.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.09      | -13         | 42.09       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 901.1           | -60.89      | -13         | 47.89       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1676            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745            | 22.11       | 60          | 37.89       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2659            | -47.21      | -13         | 34.21       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19426           | -29.01      | -13         | 16.01       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_High

### 24.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

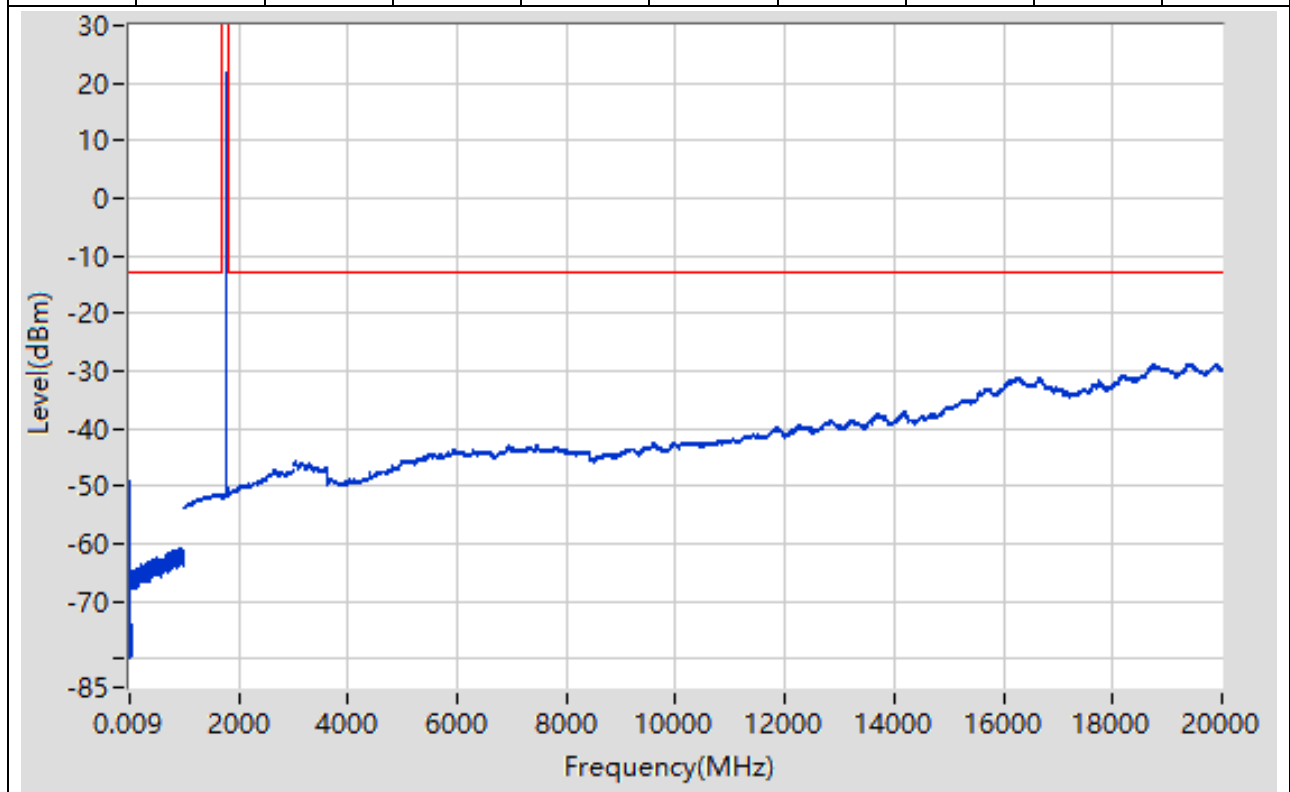
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -47.15      | -13         | 34.15       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.88      | -13         | 42.88       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 907.2           | -60.75      | -13         | 47.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1677            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.875        | 21.06       | 60          | 38.94       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 3000            | -47.19      | -13         | 34.19       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19375           | -28.87      | -13         | 15.87       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_High

### 24.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

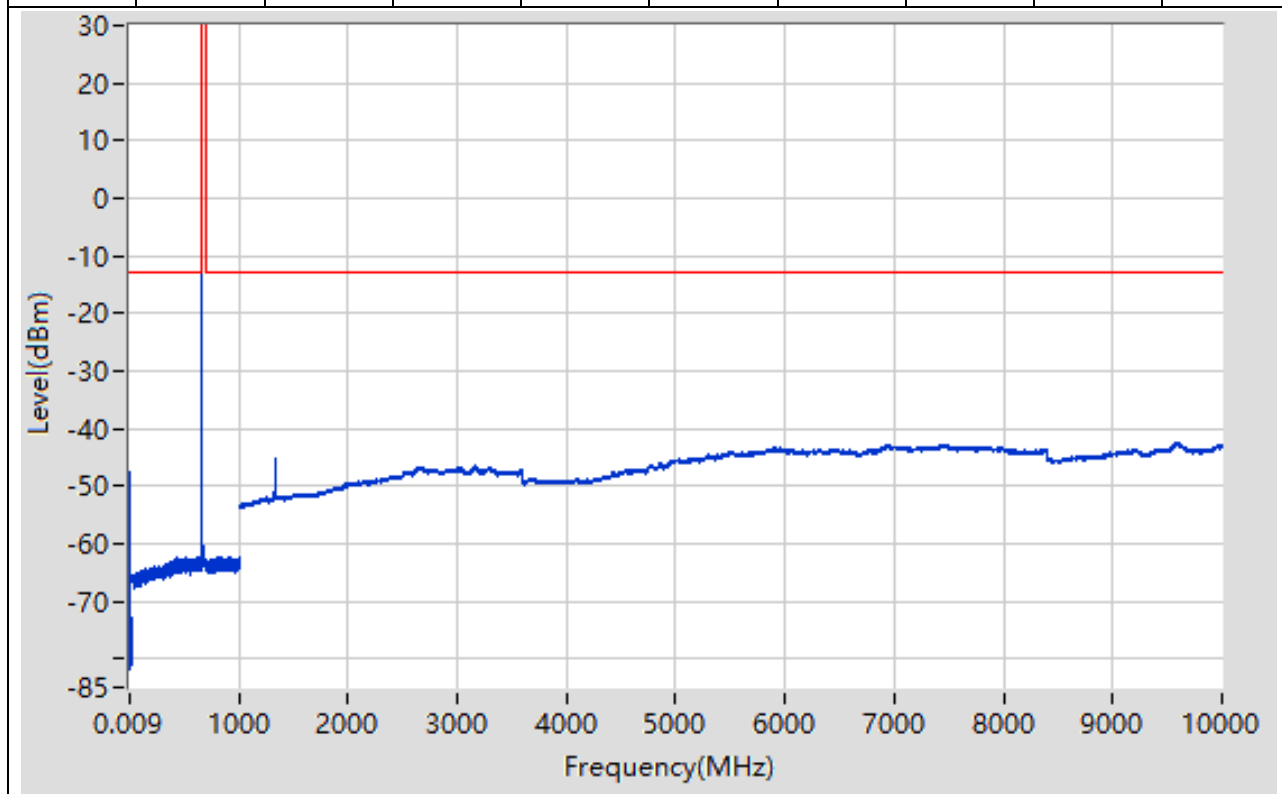
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -49.29      | -13         | 36.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.19      | -13         | 45.19       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 916.2           | -60.67      | -13         | 47.67       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -51.44      | -13         | 38.44       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.875        | 21.9        | 60          | 38.1        | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2991            | -47.23      | -13         | 34.23       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19361           | -28.87      | -13         | 15.87       | Pass    | 17001       |



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_Low

### 25.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

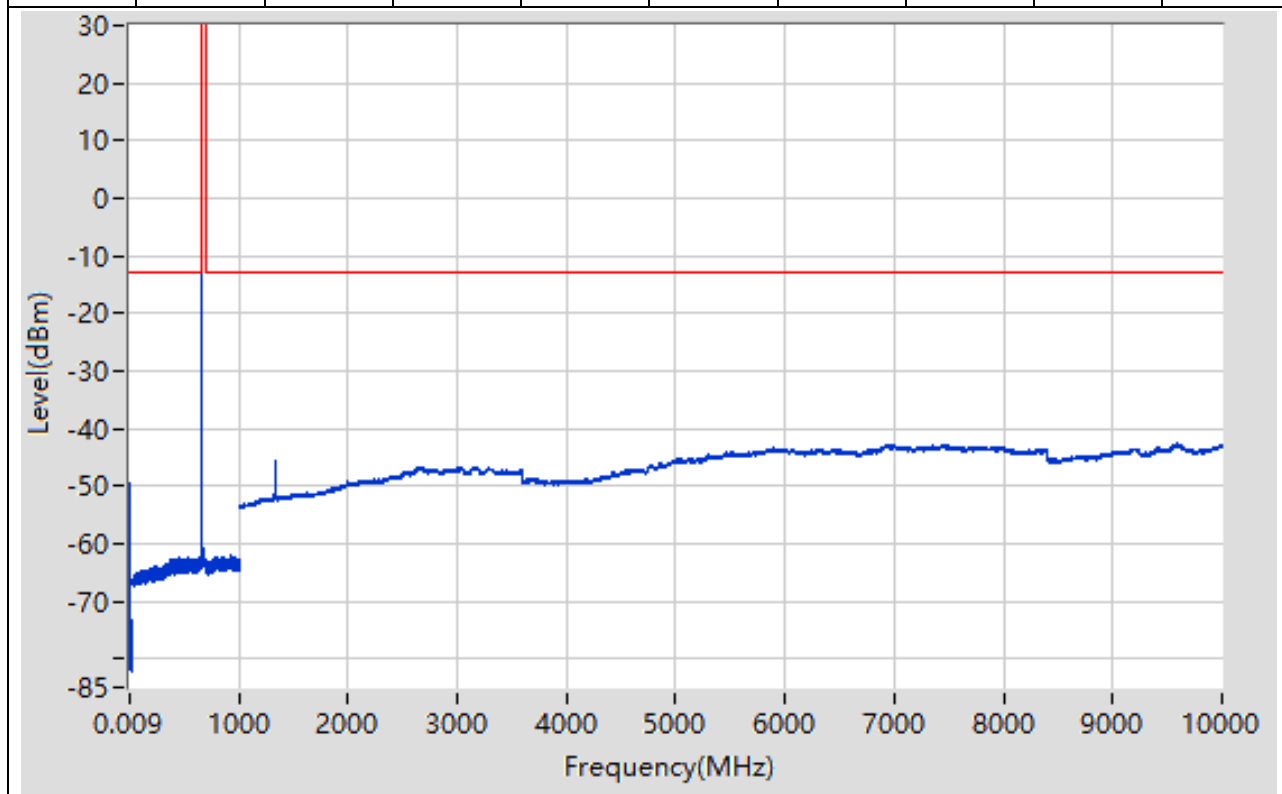
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -47.44      | -13         | 34.44       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -54.6       | -13         | 41.6        | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 651.2           | -62.1       | -13         | 49.1        | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 663             | 21.83       | 60          | 38.17       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 929.5           | -62.27      | -13         | 49.27       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 1326            | -45.12      | -13         | 32.12       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9601            | -42.5       | -13         | 29.5        | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_Low

### 25.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

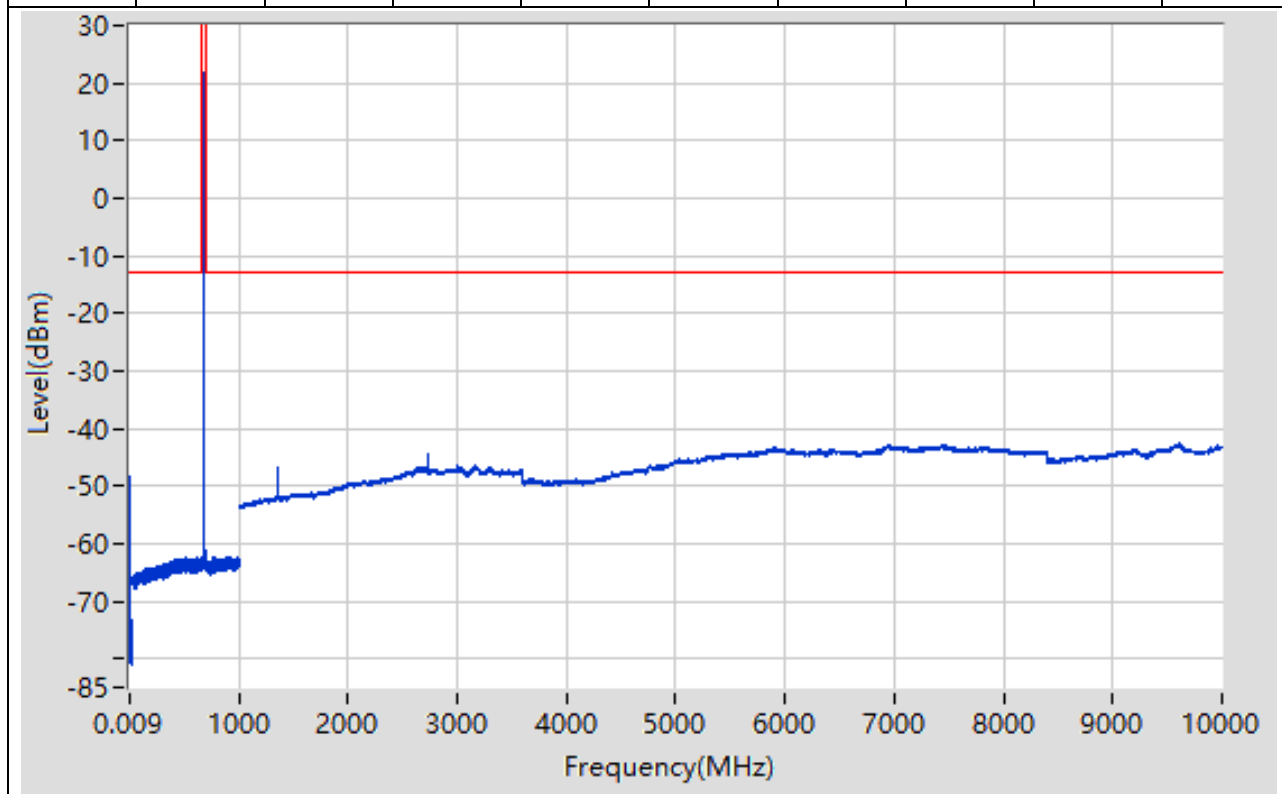
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.47      | -13         | 36.47       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -56.53      | -13         | 43.53       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 652.9           | -62.09      | -13         | 49.09       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 663             | 21.72       | 60          | 38.28       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 929.6           | -62.15      | -13         | 49.15       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 1326            | -45.45      | -13         | 32.45       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9599            | -42.56      | -13         | 29.56       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_Mid

### 25.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

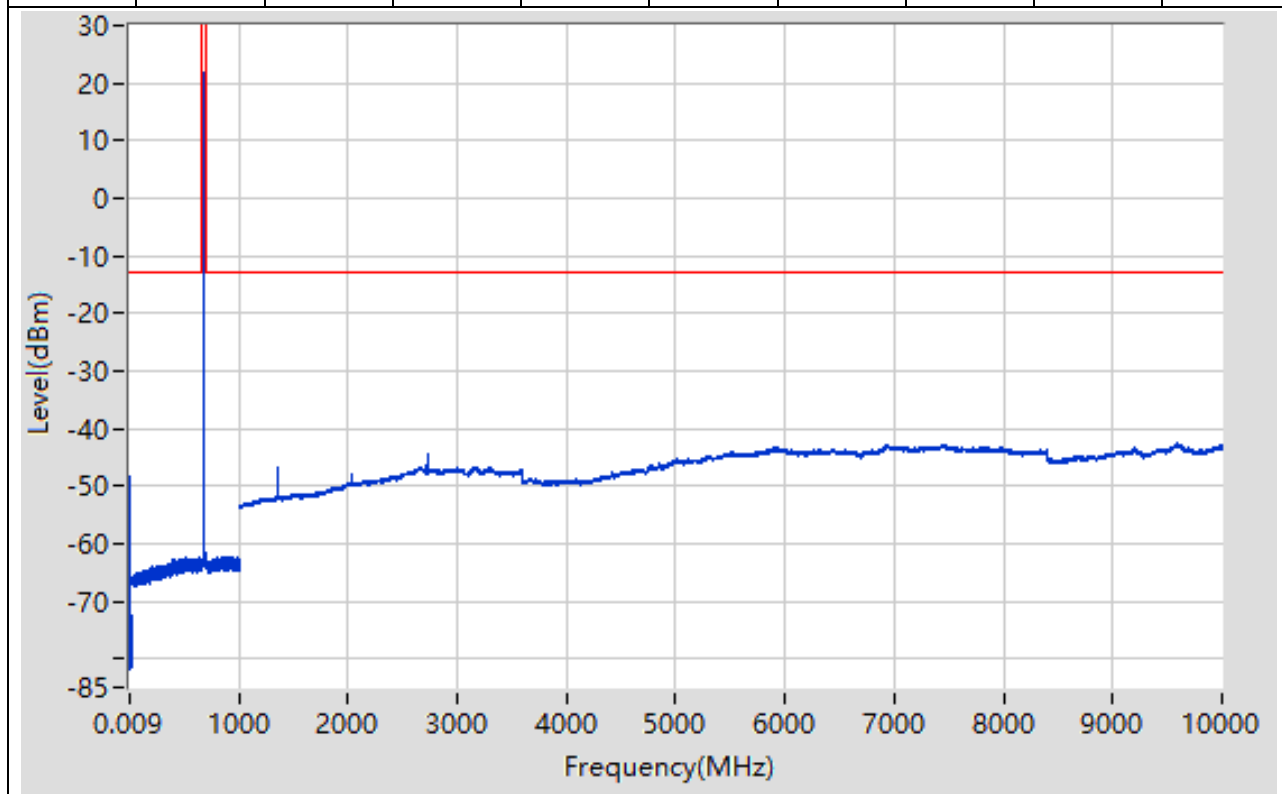
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.29      | -13         | 35.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.79      | -13         | 41.79       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 610.3           | -62.22      | -13         | 49.22       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 680.4           | 21.8        | 60          | 38.2        | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 878.3           | -62.22      | -13         | 49.22       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2722            | -44.28      | -13         | 31.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9603            | -42.62      | -13         | 29.62       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_Mid

### 25.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

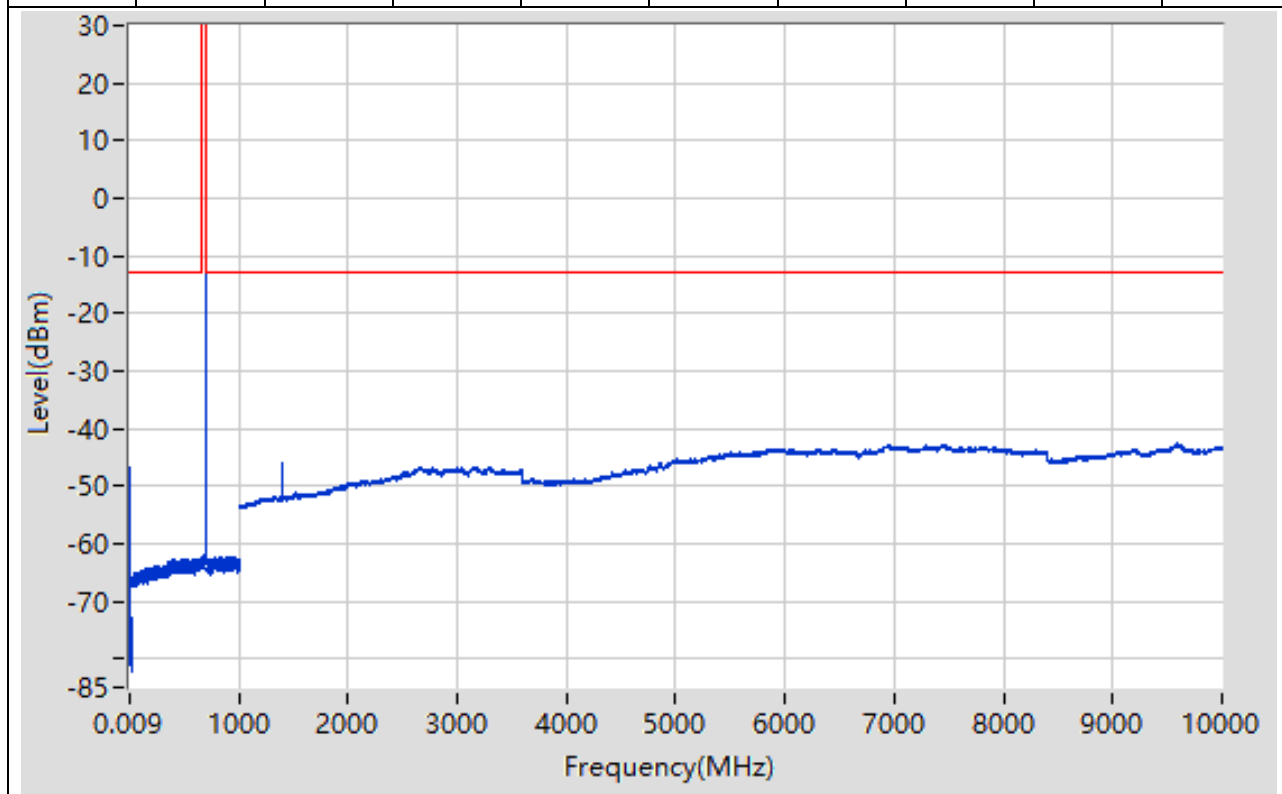
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.3       | -13         | 35.3        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.98      | -13         | 41.98       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 516.3           | -62.32      | -13         | 49.32       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 680.4           | 21.72       | 60          | 38.28       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 878.3           | -62.31      | -13         | 49.31       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2722            | -44.52      | -13         | 31.52       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9595            | -42.53      | -13         | 29.53       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_High

### 25.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

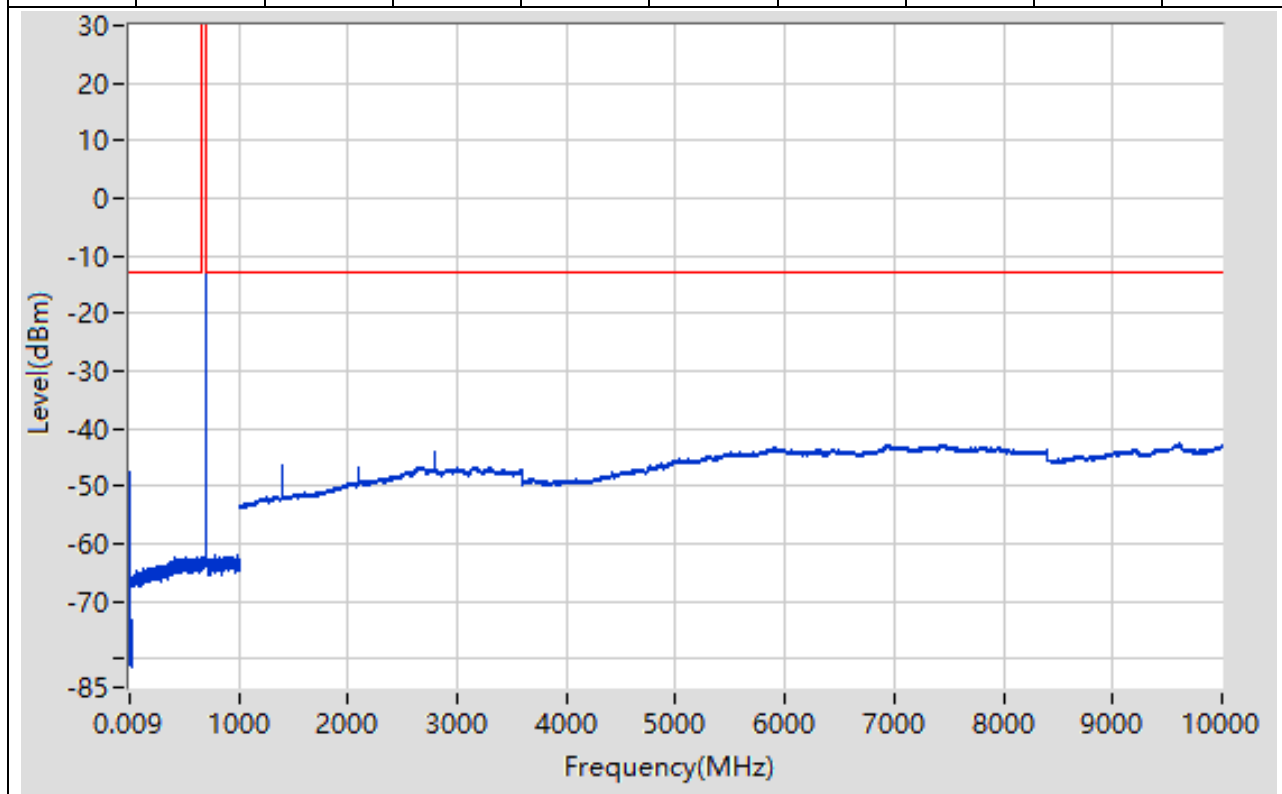
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -46.94      | -13         | 33.94       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.32      | -13         | 45.32       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 650.7           | -62.55      | -13         | 49.55       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 697.8           | 21.73       | 60          | 38.27       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 904.3           | -62.28      | -13         | 49.28       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 1396            | -46.2       | -13         | 33.2        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9596            | -42.61      | -13         | 29.61       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_High

### 25.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

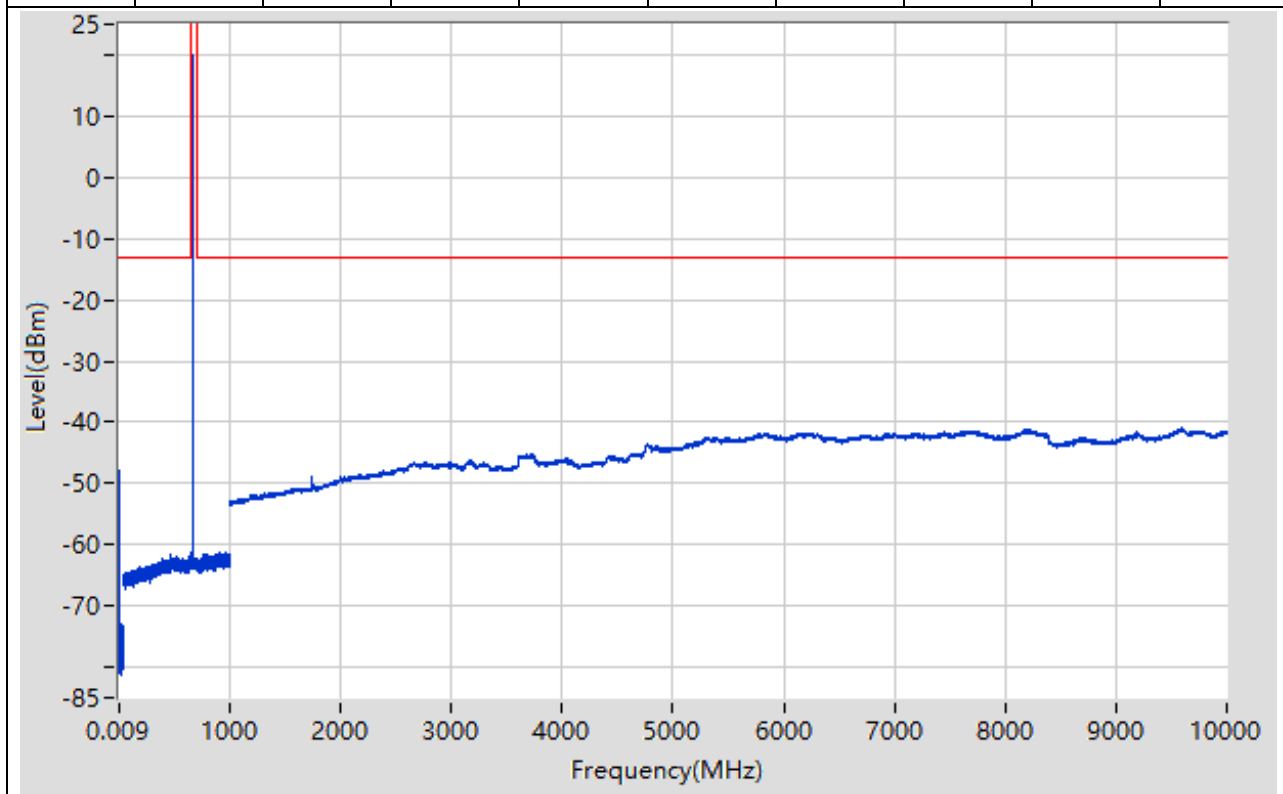
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -47.51      | -13         | 34.51       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.83      | -13         | 44.83       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 621.6           | -62.42      | -13         | 49.42       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 697.8           | 21.69       | 60          | 38.31       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 988.3           | -62.02      | -13         | 49.02       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2791            | -43.93      | -13         | 30.93       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9607            | -42.67      | -13         | 29.67       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_QPSK\_15kHz\_1@0\_Low

### 25.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

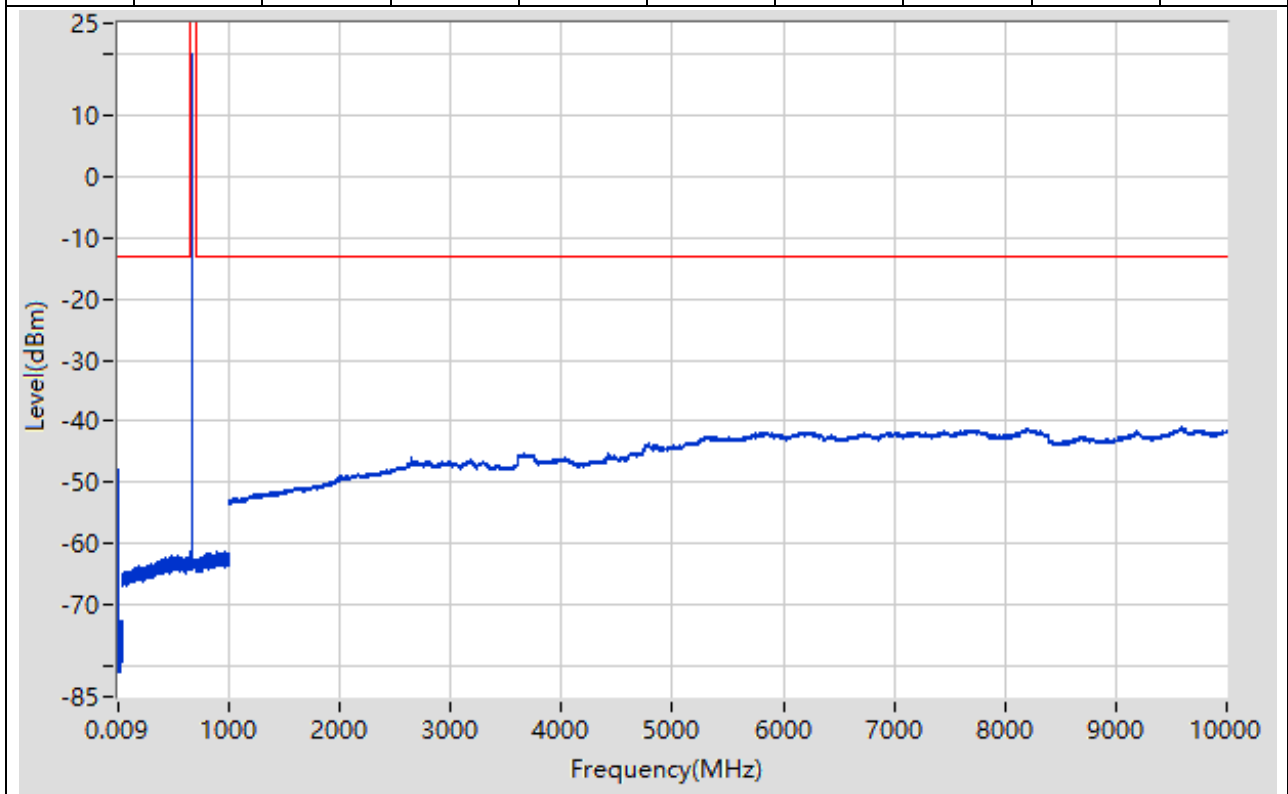
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -47.95      | -13         | 34.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.99      | -13         | 45.99       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 652.7           | -61.67      | -13         | 48.67       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 663             | 19.94       | 60          | 40.06       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 911.8           | -61.35      | -13         | 48.35       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2660            | -46.51      | -13         | 33.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9596            | -40.93      | -13         | 27.93       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_15kHz\_1@0\_Low

### 25.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

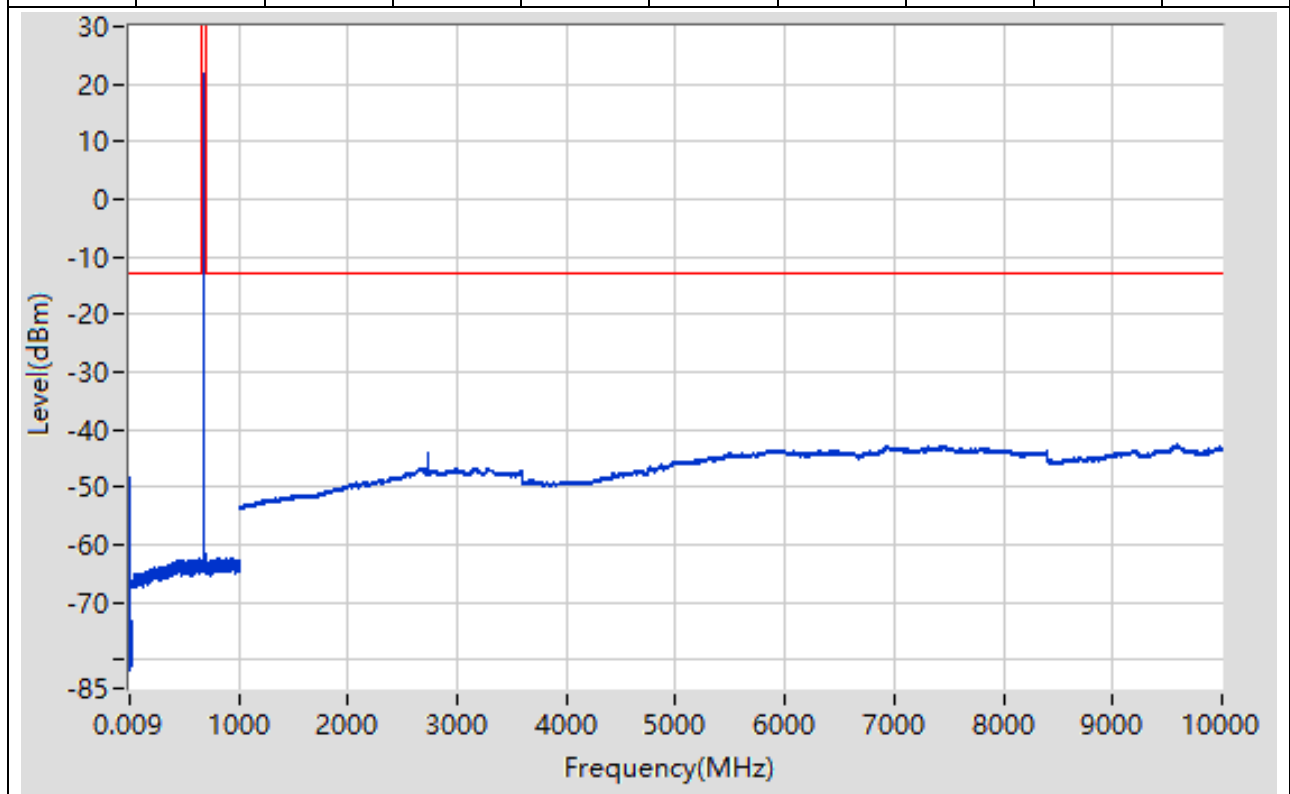
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48         | -13         | 35          | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.49      | -13         | 41.49       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 652.8           | -61.38      | -13         | 48.38       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 663             | 19.97       | 60          | 40.03       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 969.7           | -61.24      | -13         | 48.24       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2652            | -45.78      | -13         | 32.78       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9600            | -40.94      | -13         | 27.94       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_QPSK\_15kHz\_1@0\_Mid

### 25.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

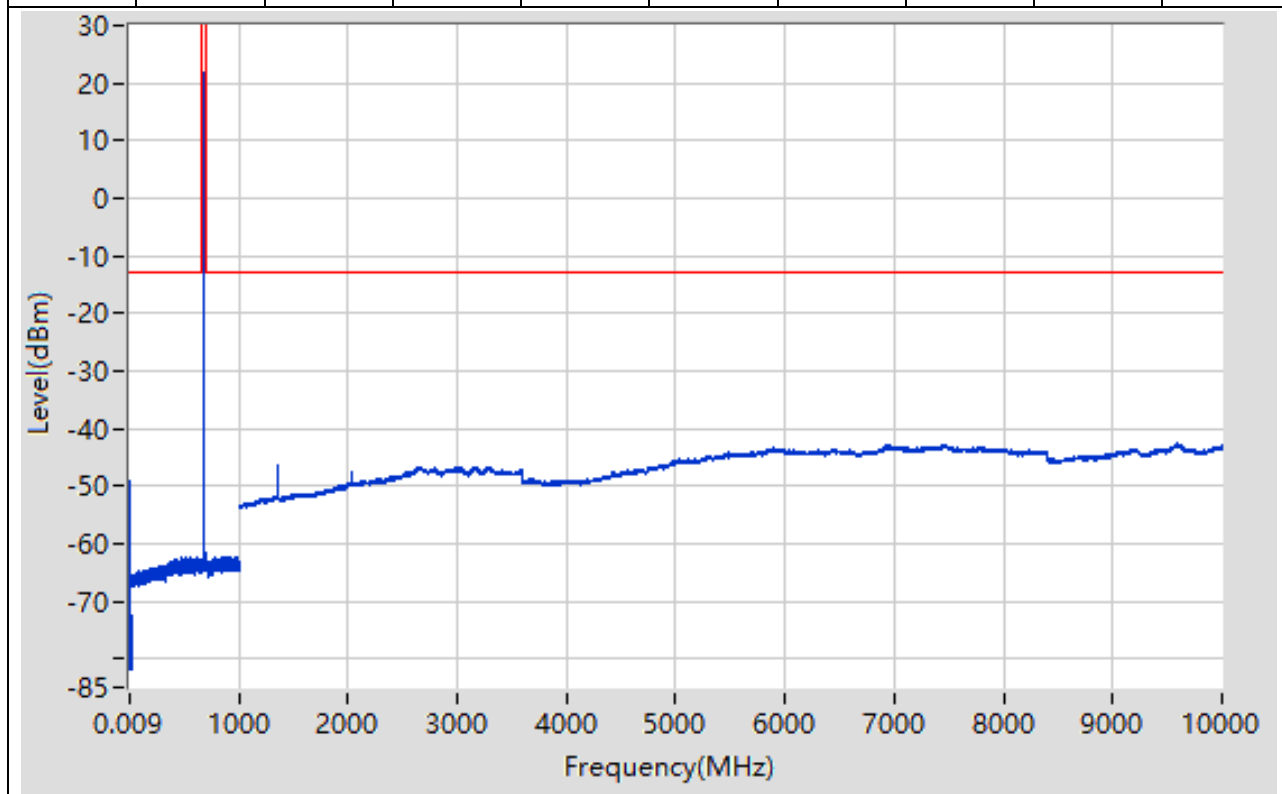
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.28      | -13         | 35.28       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.59      | -13         | 42.59       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 645.8           | -62.5       | -13         | 49.5        | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 680.4           | 21.82       | 60          | 38.18       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 875.7           | -62.31      | -13         | 49.31       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2722            | -44.06      | -13         | 31.06       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9596            | -42.67      | -13         | 29.67       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_15kHz\_1@0\_Mid

### 25.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

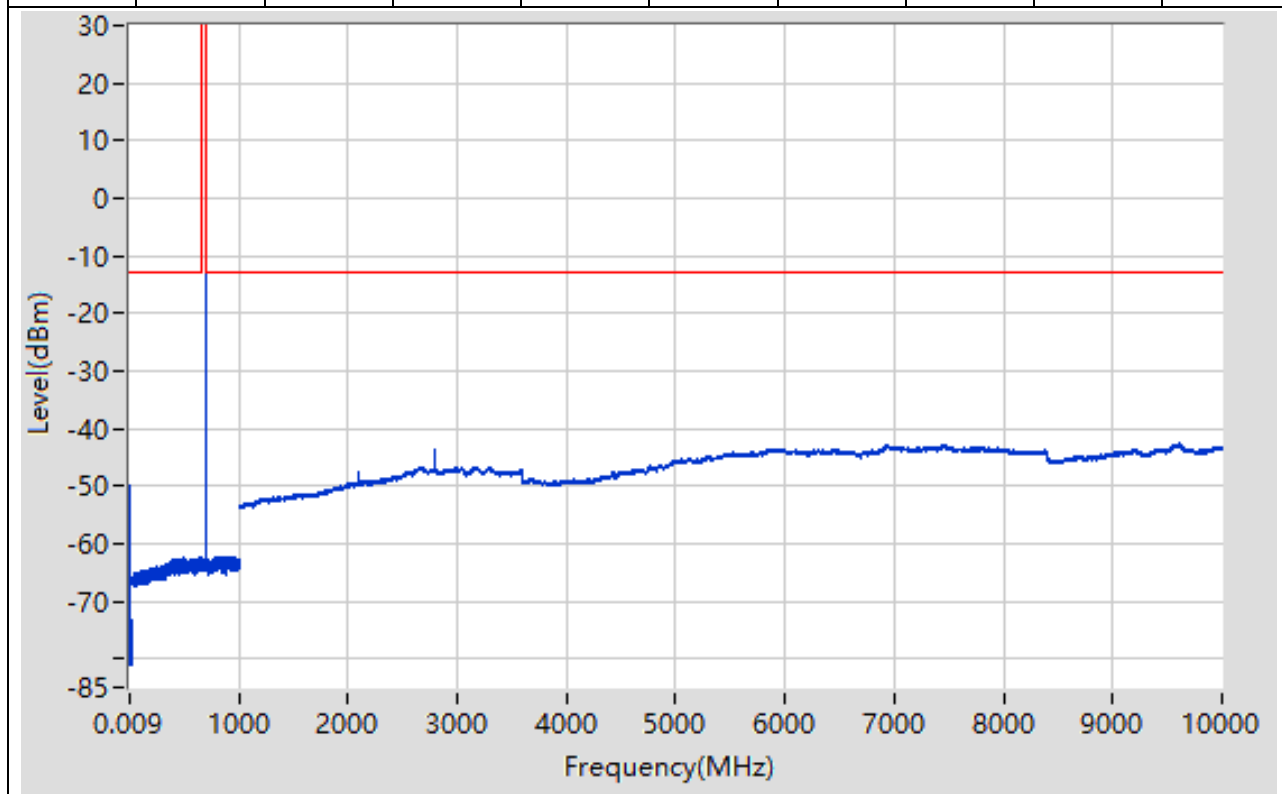
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -49.1       | -13         | 36.1        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.82      | -13         | 42.82       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 611.9           | -62.32      | -13         | 49.32       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 680.4           | 21.71       | 60          | 38.29       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 840.8           | -62.31      | -13         | 49.31       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 1361            | -46.28      | -13         | 33.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9597            | -42.69      | -13         | 29.69       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_QPSK\_15kHz\_1@0\_High

### 25.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

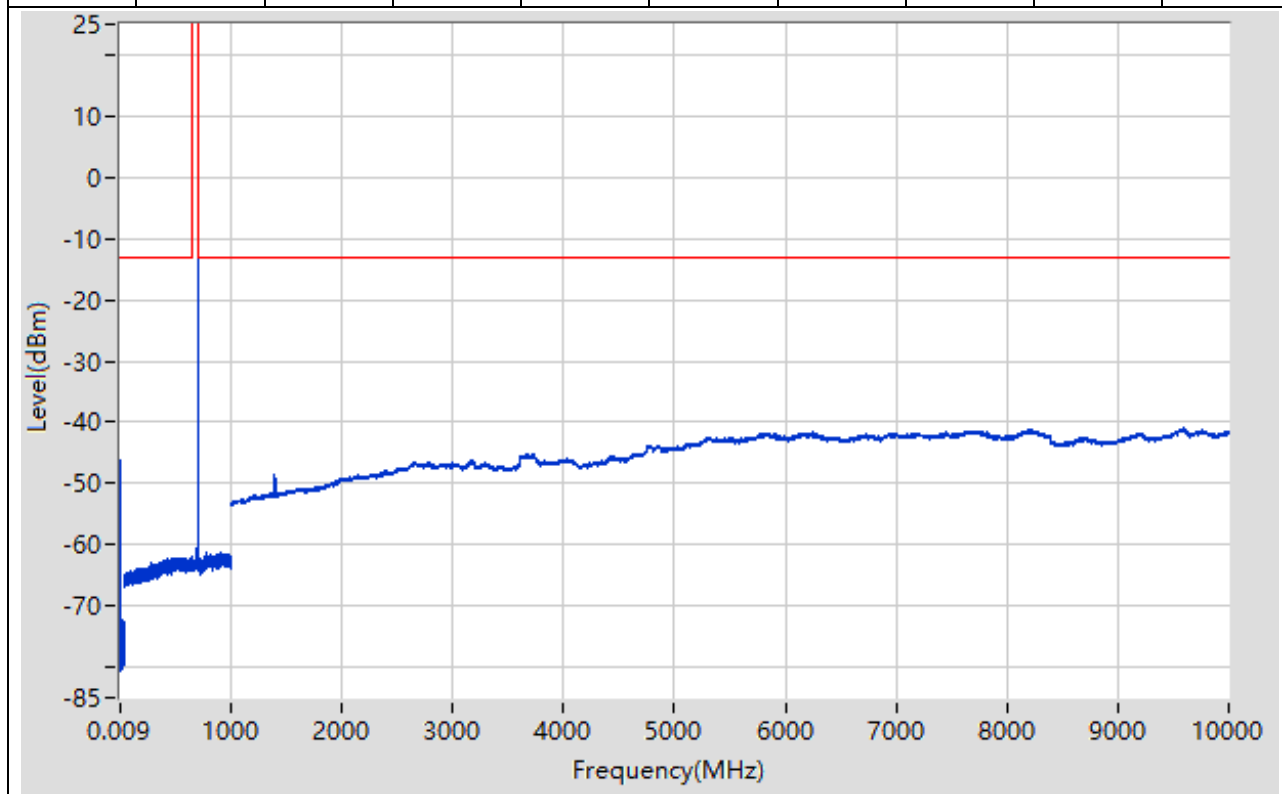
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -49.88      | -13         | 36.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57.2       | -13         | 44.2        | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 643.6           | -62.45      | -13         | 49.45       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 697.8           | 21.7        | 60          | 38.3        | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 925.7           | -62.23      | -13         | 49.23       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2791            | -43.59      | -13         | 30.59       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9601            | -42.66      | -13         | 29.66       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_15kHz\_1@0\_High

### 25.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

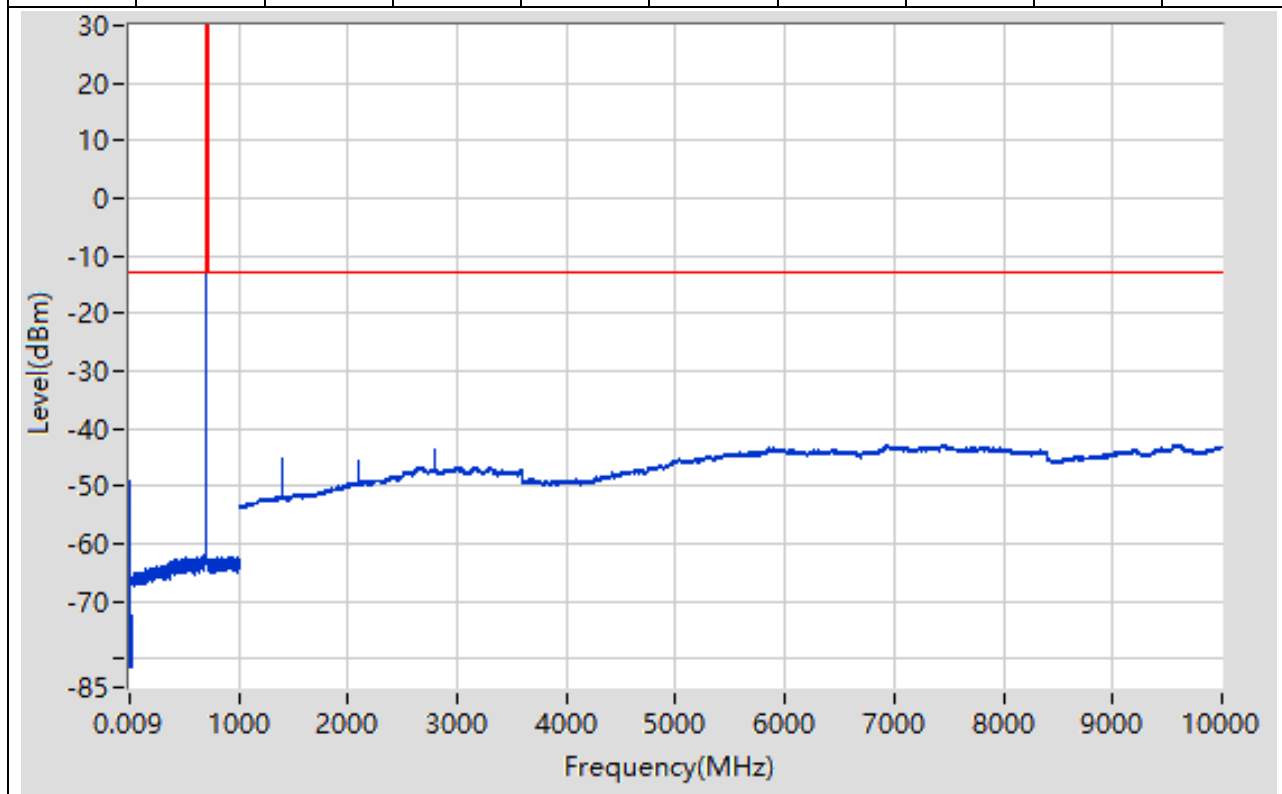
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -46.17      | -13         | 33.17       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.09      | -13         | 42.09       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 649.4           | -61.94      | -13         | 48.94       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 697.8           | 19.81       | 60          | 40.19       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 780.2           | -61.36      | -13         | 48.36       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2652            | -46.51      | -13         | 33.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9598            | -40.99      | -13         | 27.99       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_QPSK\_3.75kHz\_1@0\_Low

### 26.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

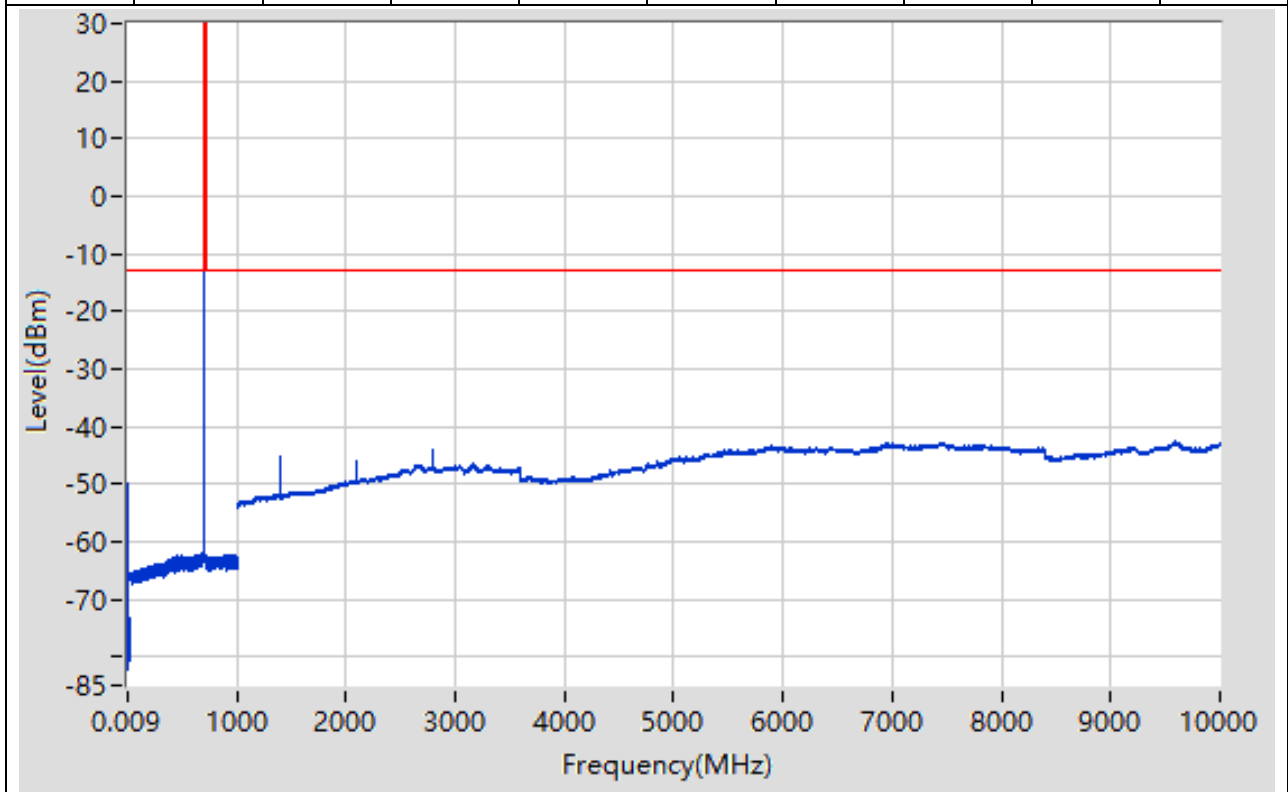
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49         | -13         | 36          | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.42      | -13         | 42.42       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 679.2           | -62.07      | -13         | 49.07       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 697.975         | 20.78       | 60          | 39.22       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 901.3           | -62.31      | -13         | 49.31       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2792            | -43.57      | -13         | 30.57       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9583            | -42.74      | -13         | 29.74       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_BPSK\_3.75kHz\_1@0\_Low

### 26.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

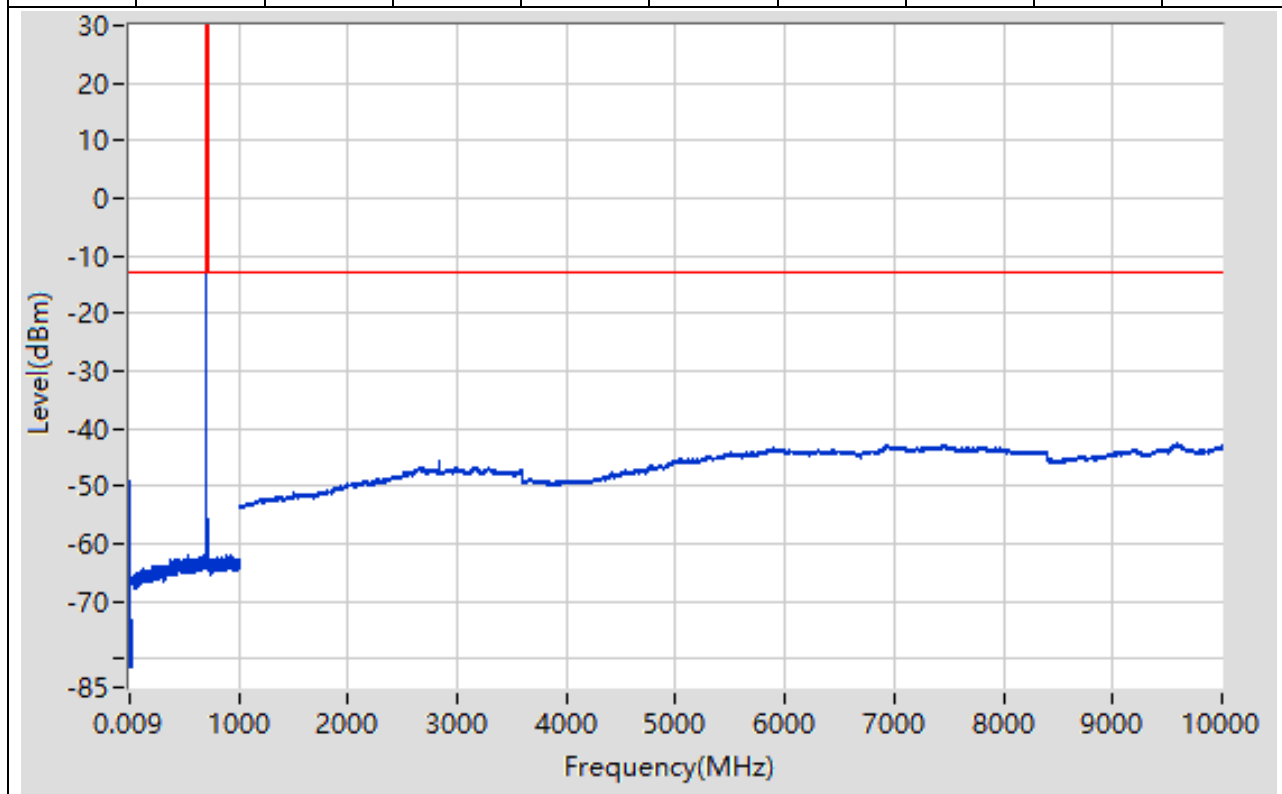
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -49.84      | -13         | 36.84       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.28      | -13         | 42.28       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 687.1           | -61.94      | -13         | 48.94       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 697.975         | 20.77       | 60          | 39.23       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 972.2           | -62.36      | -13         | 49.36       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2792            | -44.18      | -13         | 31.18       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9595            | -42.69      | -13         | 29.69       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_QPSK\_3.75kHz\_1@0\_Mid

### 26.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

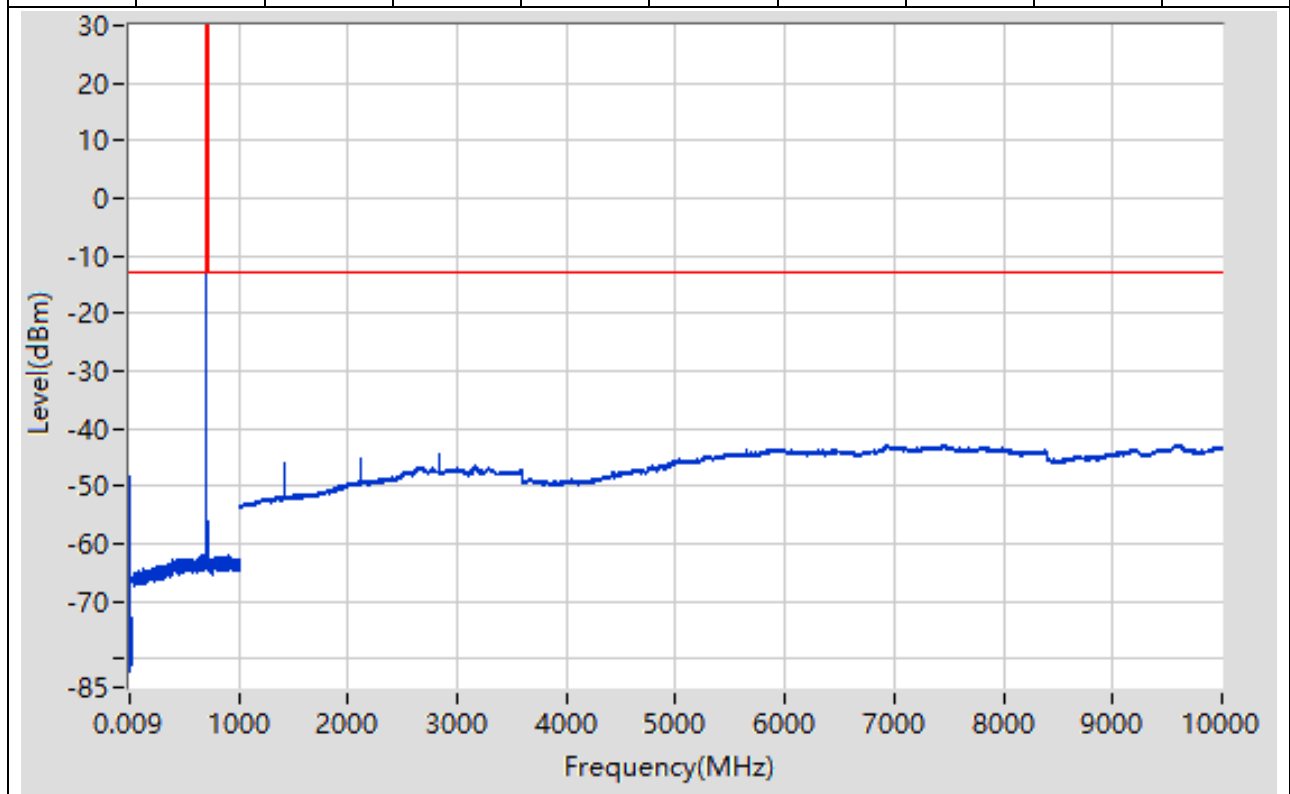
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -49.06      | -13         | 36.06       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.11      | -13         | 44.11       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 670.7           | -62.15      | -13         | 49.15       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 706.905         | 21.75       | 60          | 38.25       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 889.2           | -61.96      | -13         | 48.96       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2827            | -45.6       | -13         | 32.6        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9589            | -42.66      | -13         | 29.66       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_BPSK\_3.75kHz\_1@0\_Mid

### 26.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

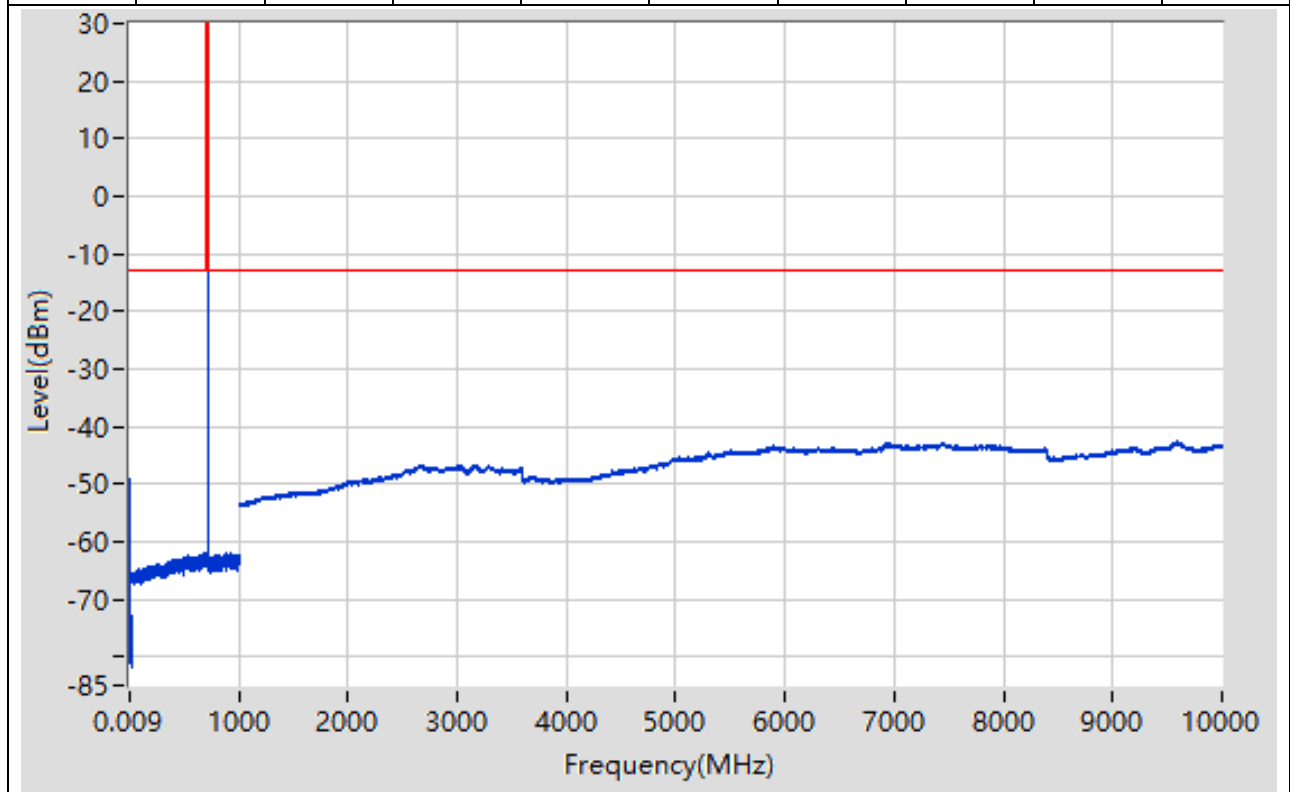
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -48.25      | -13         | 35.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -57.43      | -13         | 44.43       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 665             | -62.08      | -13         | 49.08       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 706.905         | 21.68       | 60          | 38.32       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 894.8           | -62.11      | -13         | 49.11       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2828            | -44.36      | -13         | 31.36       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9601            | -42.71      | -13         | 29.71       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_QPSK\_3.75kHz\_1@0\_High

### 26.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

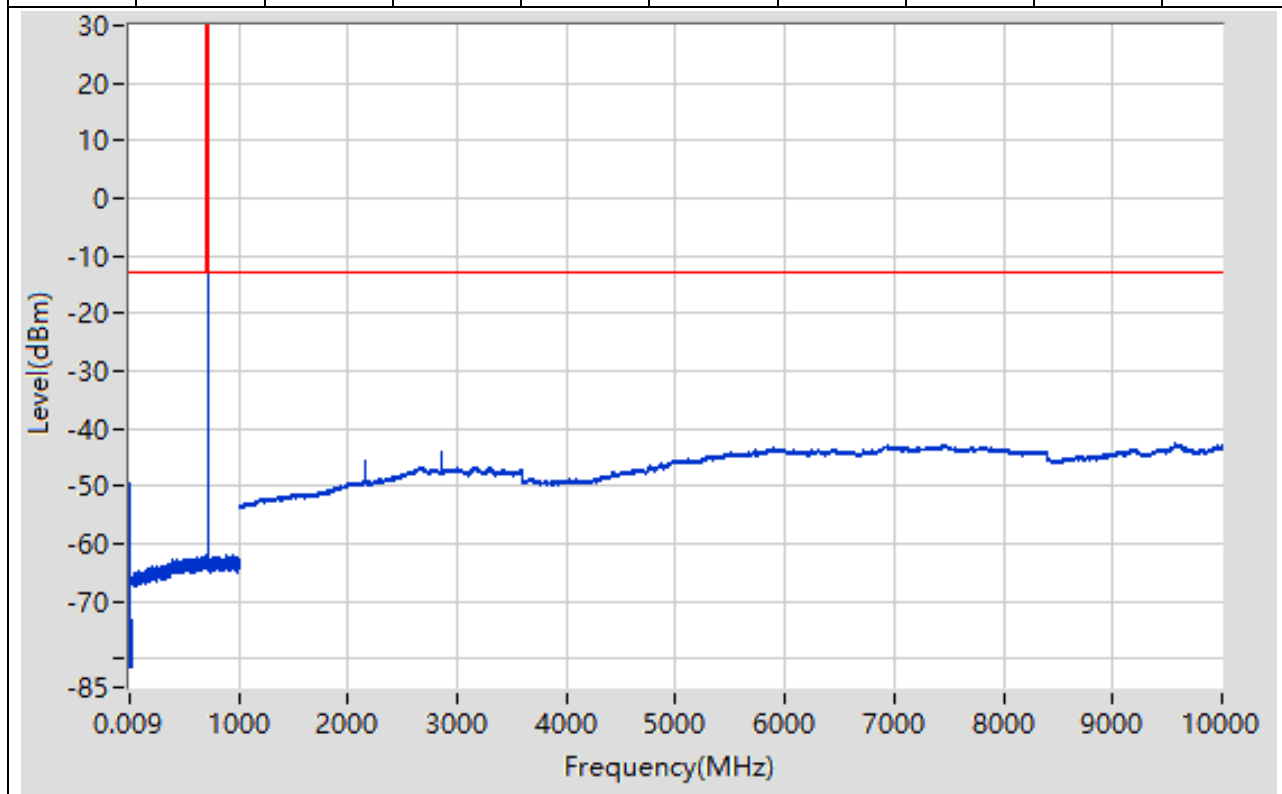
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -49.03      | -13         | 36.03       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.93      | -13         | 42.93       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 683             | -62.12      | -13         | 49.12       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 715.835         | 20.79       | 60          | 39.21       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 888.3           | -62.12      | -13         | 49.12       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2669            | -46.63      | -13         | 33.63       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9599            | -42.62      | -13         | 29.62       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_BPSK\_3.75kHz\_1@0\_High

### 26.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

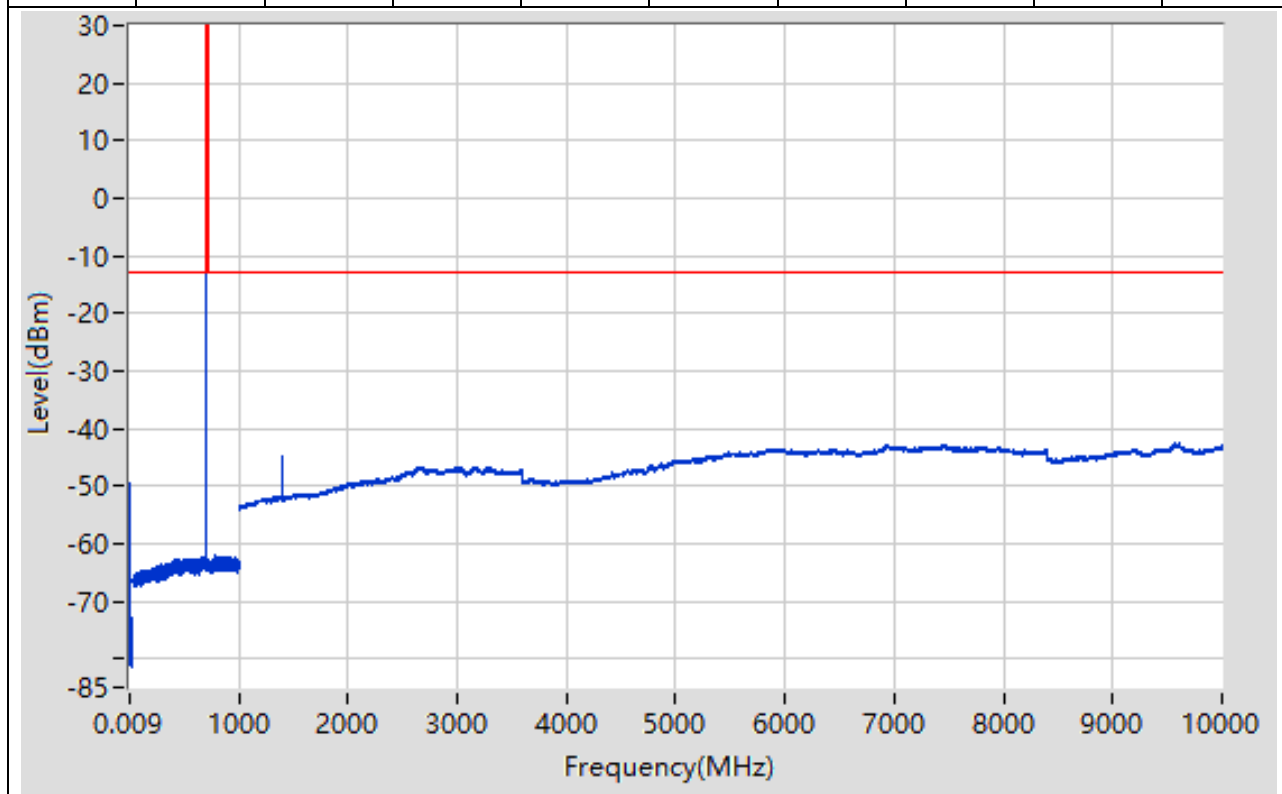
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -49.38      | -13         | 36.38       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.52      | -13         | 42.52       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 687             | -62.3       | -13         | 49.3        | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 715.835         | 21.24       | 60          | 38.76       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 889.7           | -62.14      | -13         | 49.14       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -44.21      | -13         | 31.21       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9569            | -42.69      | -13         | 29.69       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_QPSK\_15kHz\_1@0\_Low

### 26.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

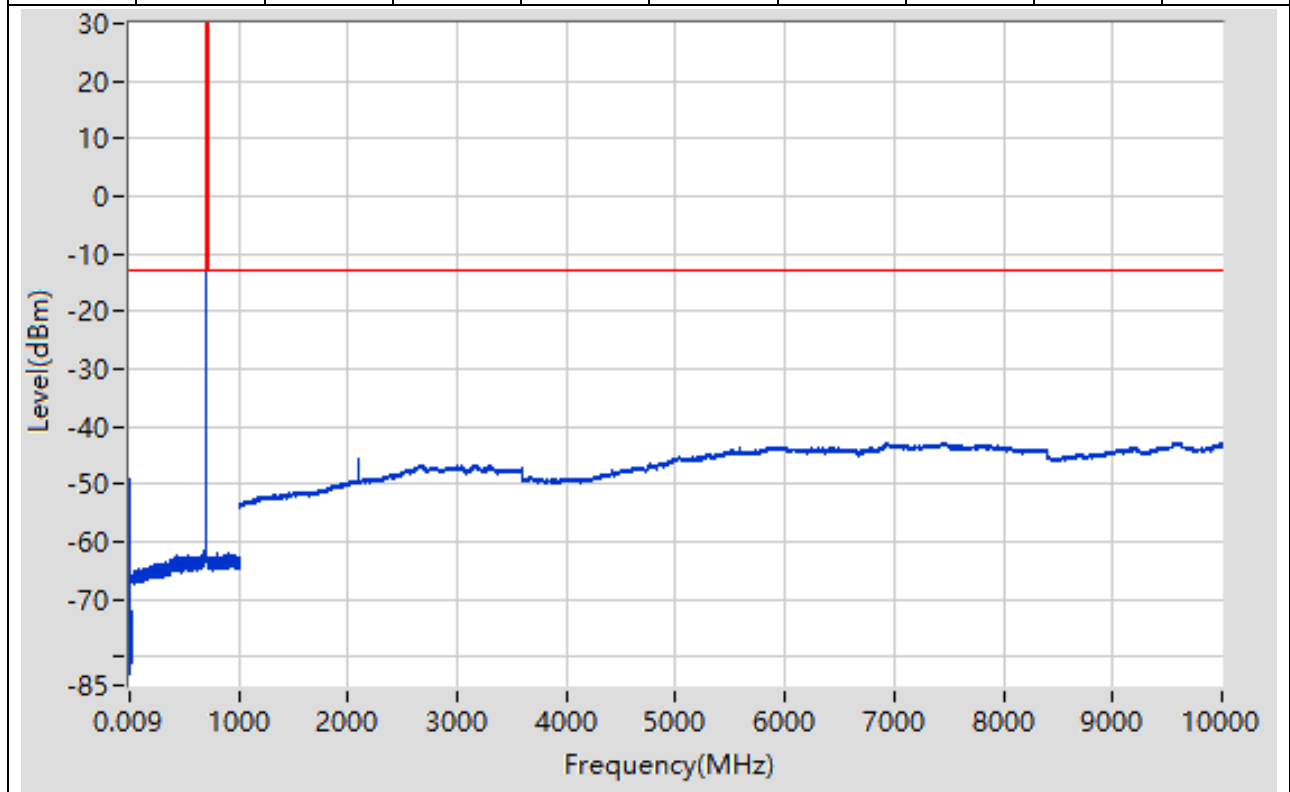
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.61      | -13         | 36.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -55.63      | -13         | 42.63       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 687.4           | -62.28      | -13         | 49.28       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 697.975         | 20.53       | 60          | 39.47       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 786.8           | -62.14      | -13         | 49.14       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 1396            | -44.87      | -13         | 31.87       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9576            | -42.6       | -13         | 29.6        | Pass    | 7001        |



## 26. NB-IoT\_Band85\_BPSK\_15kHz\_1@0\_Low

### 26.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

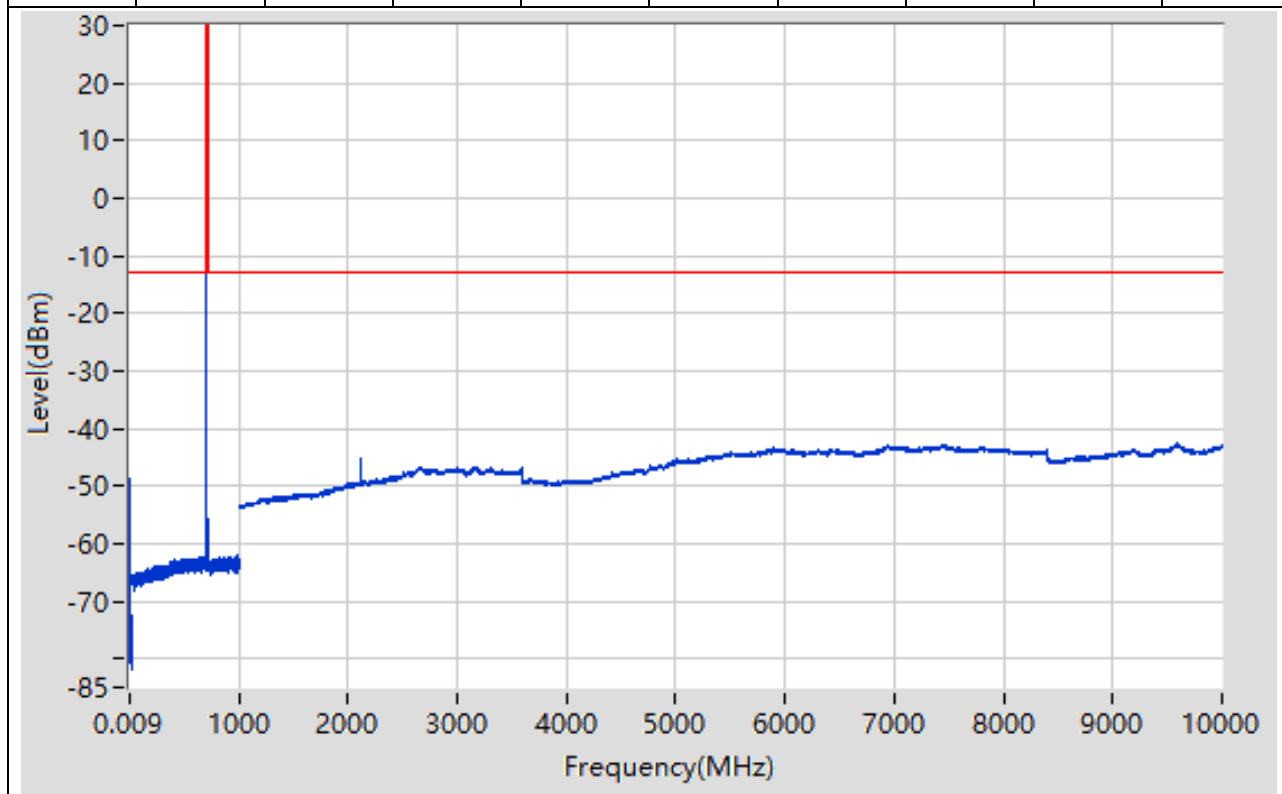
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.24      | -13         | 36.24       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.56      | -13         | 41.56       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 687.8           | -61.79      | -13         | 48.79       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 697.975         | 20.55       | 60          | 39.45       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 805.7           | -62.16      | -13         | 49.16       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2094            | -45.47      | -13         | 32.47       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9602            | -42.71      | -13         | 29.71       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_QPSK\_15kHz\_1@0\_Mid

### 26.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

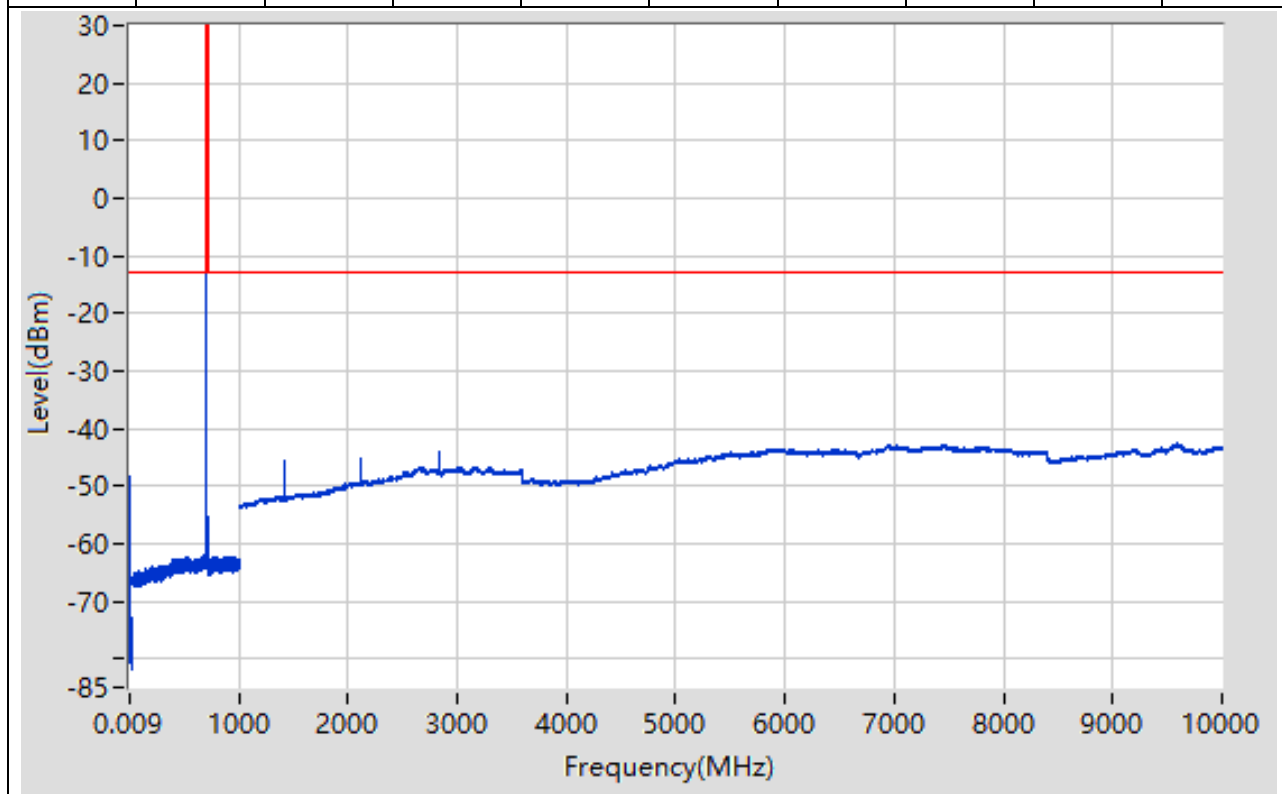
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -48.77      | -13         | 35.77       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.38      | -13         | 41.38       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 672.4           | -62.26      | -13         | 49.26       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 706.905         | 21.68       | 60          | 38.32       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 987.6           | -62.05      | -13         | 49.05       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2121            | -45.21      | -13         | 32.21       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9583            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_BPSK\_15kHz\_1@0\_Mid

### 26.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

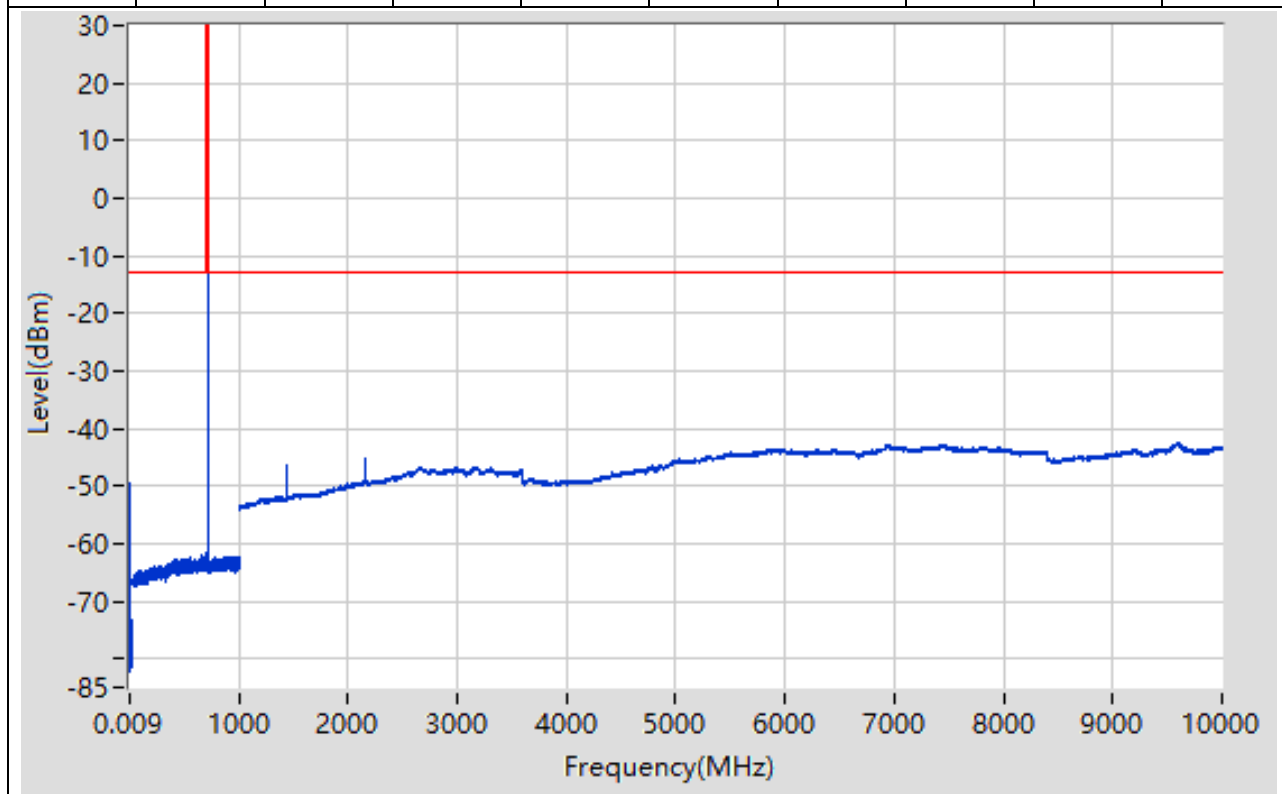
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.49      | -13         | 35.49       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -56.19      | -13         | 43.19       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 685.8           | -62.17      | -13         | 49.17       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 706.905         | 21.7        | 60          | 38.3        | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 929.1           | -62.2       | -13         | 49.2        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2828            | -44.03      | -13         | 31.03       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9595            | -42.68      | -13         | 29.68       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_QPSK\_15kHz\_1@0\_High

### 26.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

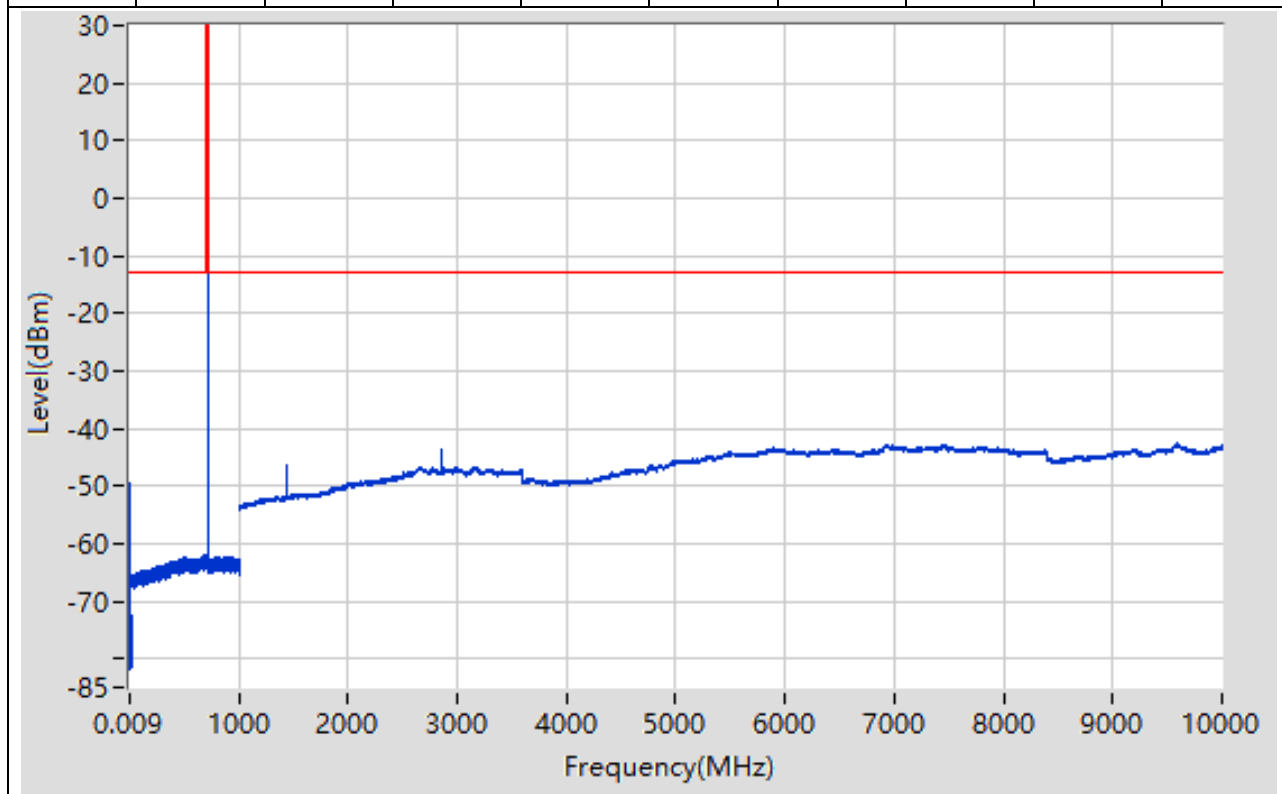
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.51      | -13         | 36.51       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -56.56      | -13         | 43.56       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 667.1           | -62.13      | -13         | 49.13       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 715.835         | 21.47       | 60          | 38.53       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 996             | -62.39      | -13         | 49.39       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2147            | -45.28      | -13         | 32.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9590            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 26. NB-IoT\_Band85\_BPSK\_15kHz\_1@0\_High

### 26.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.33      | -13         | 36.33       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -53.93      | -13         | 40.93       | Pass    | 2986        |
| 30                    | 688                  | 0.1       | RMS      | 681.8           | -62.18      | -13         | 49.18       | Pass    | 6581        |
| 688                   | 726                  | 0.1       | RMS      | 715.835         | 21.48       | 60          | 38.52       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 726.1           | -61.95      | -13         | 48.95       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.74      | -13         | 30.74       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9583            | -42.67      | -13         | 29.67       | Pass    | 7001        |



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