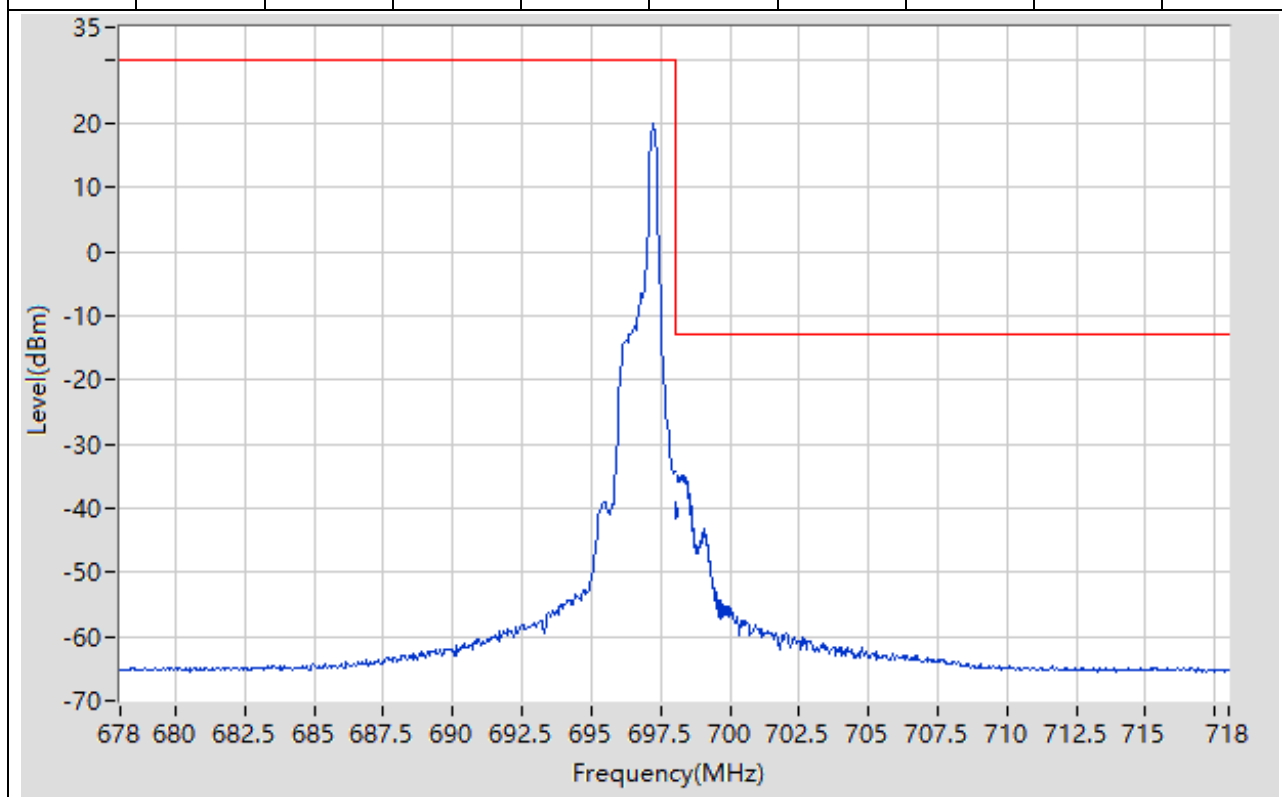


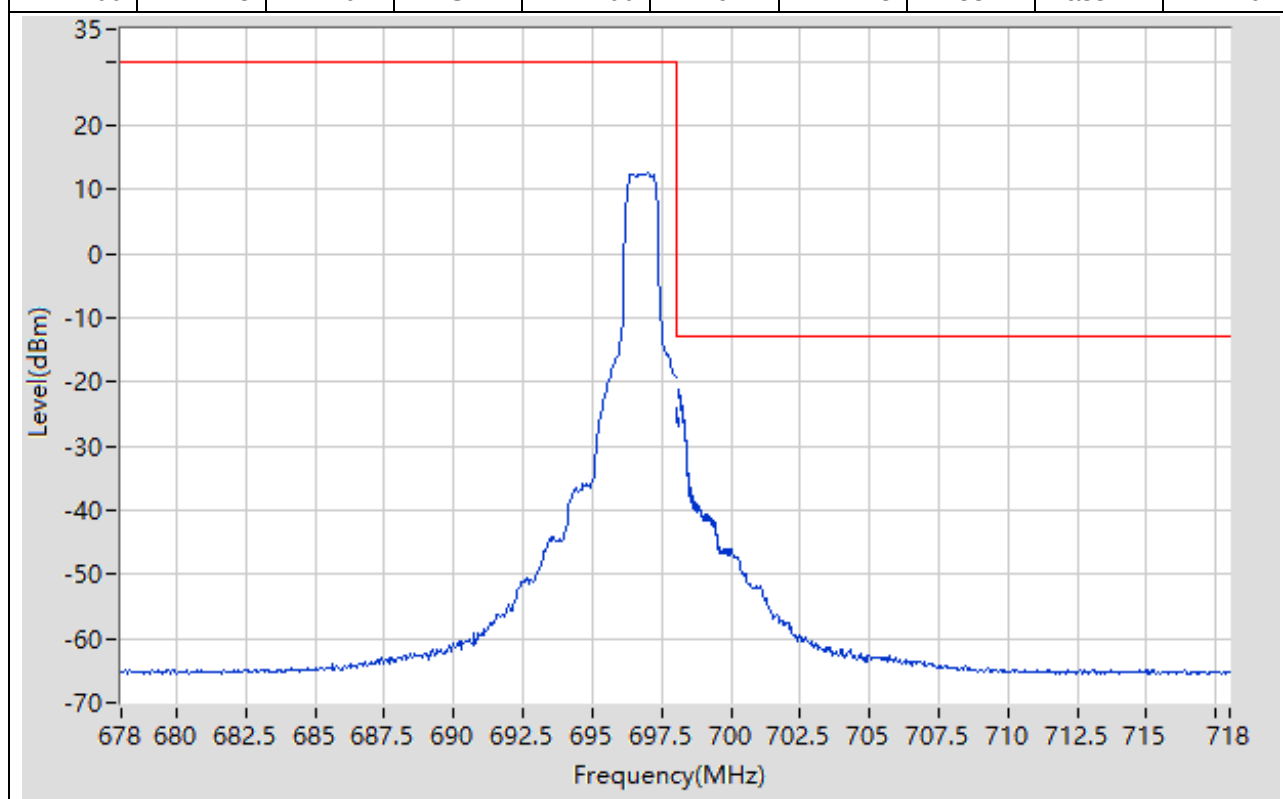
**12.13. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:13, Channel:133422, Bandwidth:10, Modulation:QPSK, NB Index:7, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 697.25          | 19.84       | 30          | 10.16       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.015         | -39.13      | -13         | 26.13       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.295         | -34.74      | -13         | 21.74       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700             | -55.84      | -13         | 42.84       | Pass    | 401         |



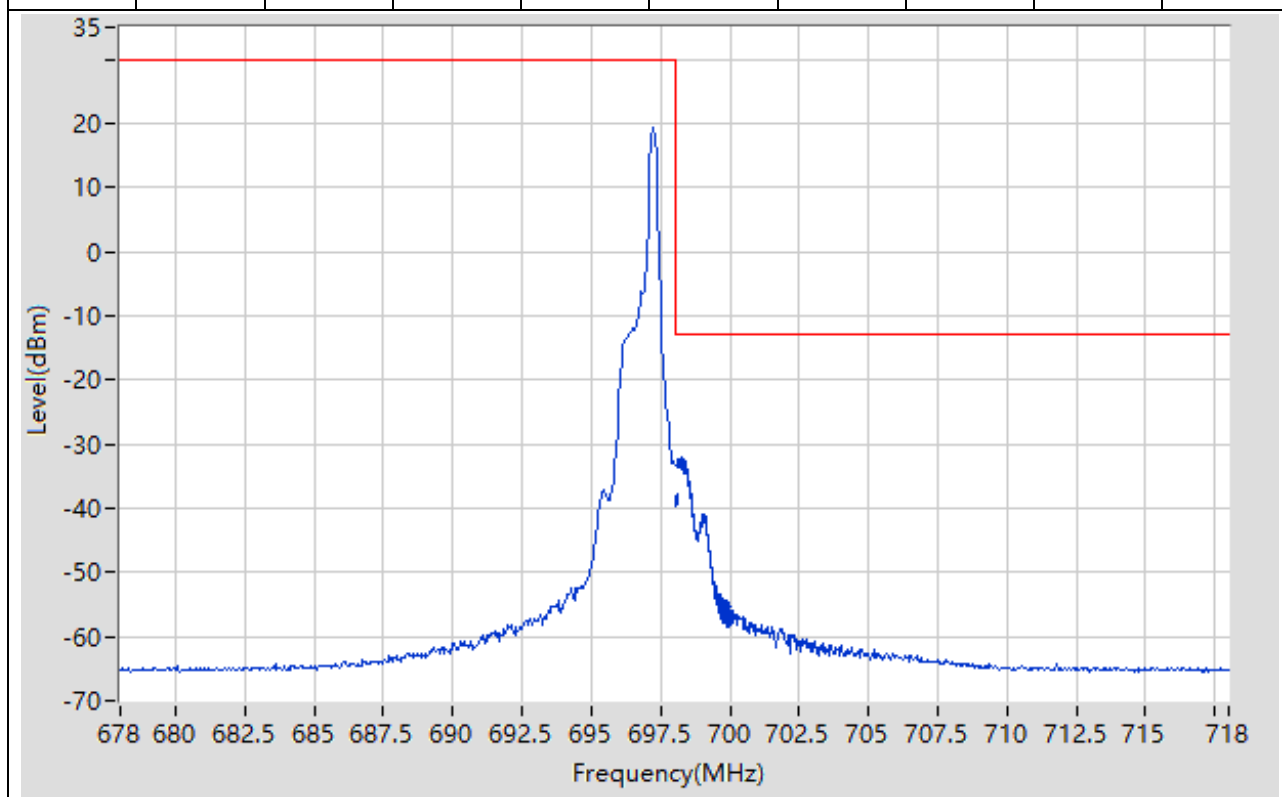
**12.14. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:14, Channel:133422, Bandwidth:10, Modulation:QPSK, NB Index:7, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 697             | 12.51       | 30          | 17.49       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.001         | -23.89      | -13         | 10.89       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.114         | -21.21      | -13         | 8.21        | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700             | -46.11      | -13         | 33.11       | Pass    | 401         |



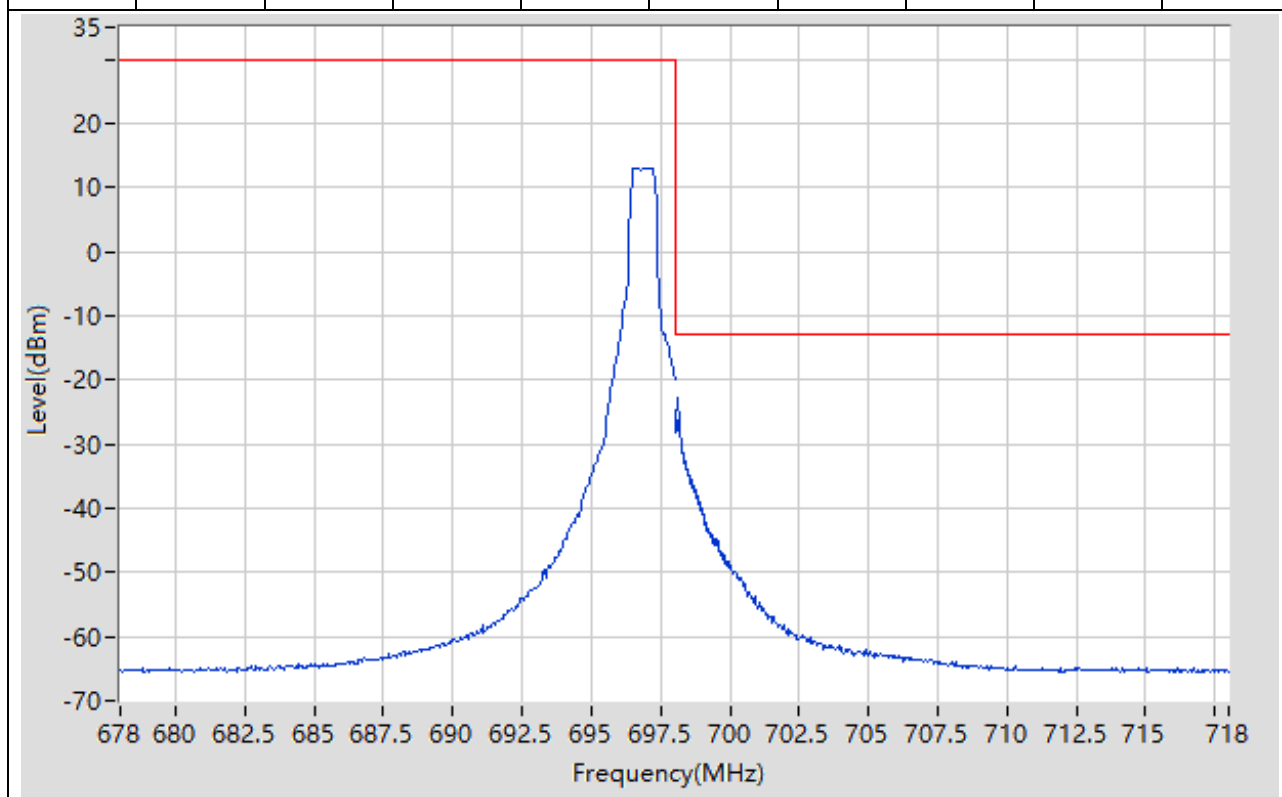
**12.15. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:15, Channel:133422, Bandwidth:10, Modulation:16QAM, NB Index:7, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 697.25          | 19.36       | 30          | 10.64       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.1           | -37.67      | -13         | 24.67       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.247         | -32.15      | -13         | 19.15       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700.09          | -55.86      | -13         | 42.86       | Pass    | 401         |



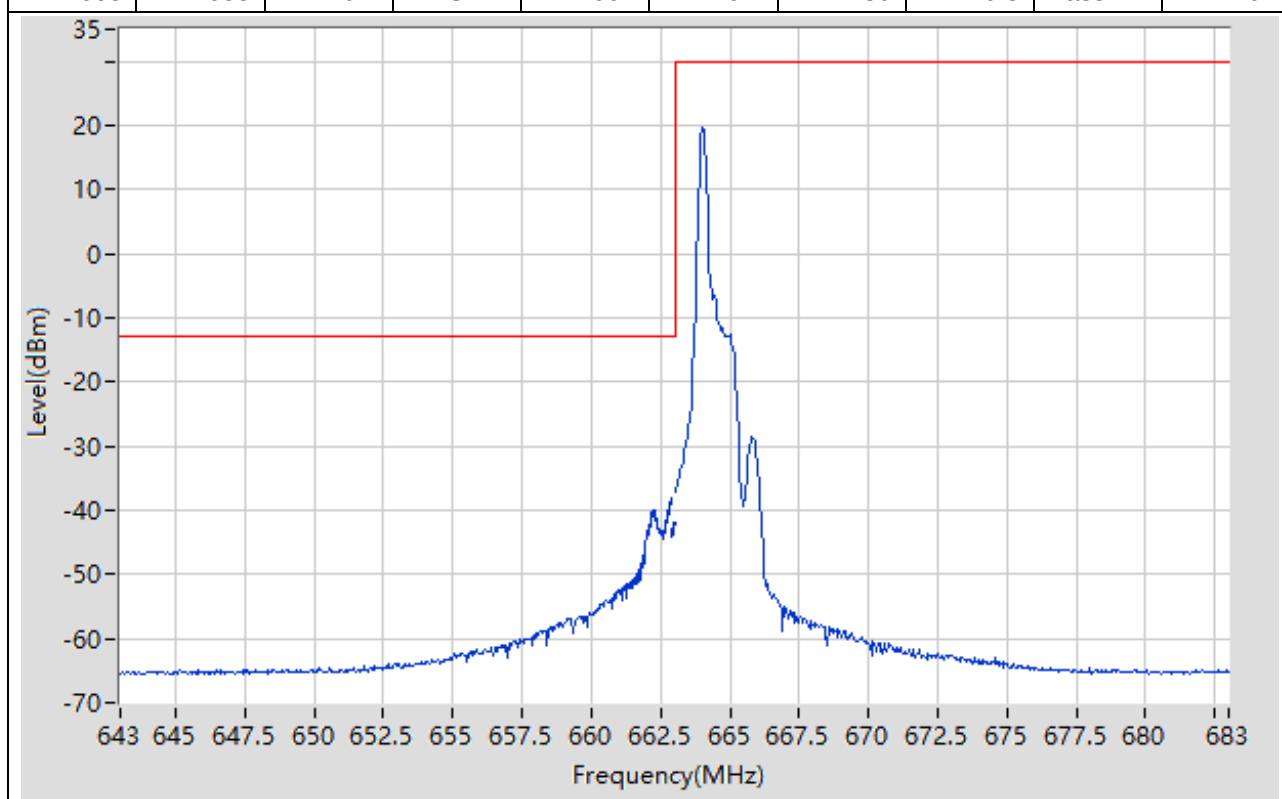
**12.16. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:16, Channel:133422, Bandwidth:10, Modulation:16QAM, NB Index:7, RB Number:5, RB Position:1)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 696.65          | 13.04       | 30          | 16.96       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.002         | -24.81      | -13         | 11.81       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.1           | -22.75      | -13         | 9.75        | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700             | -49.14      | -13         | 36.14       | Pass    | 401         |



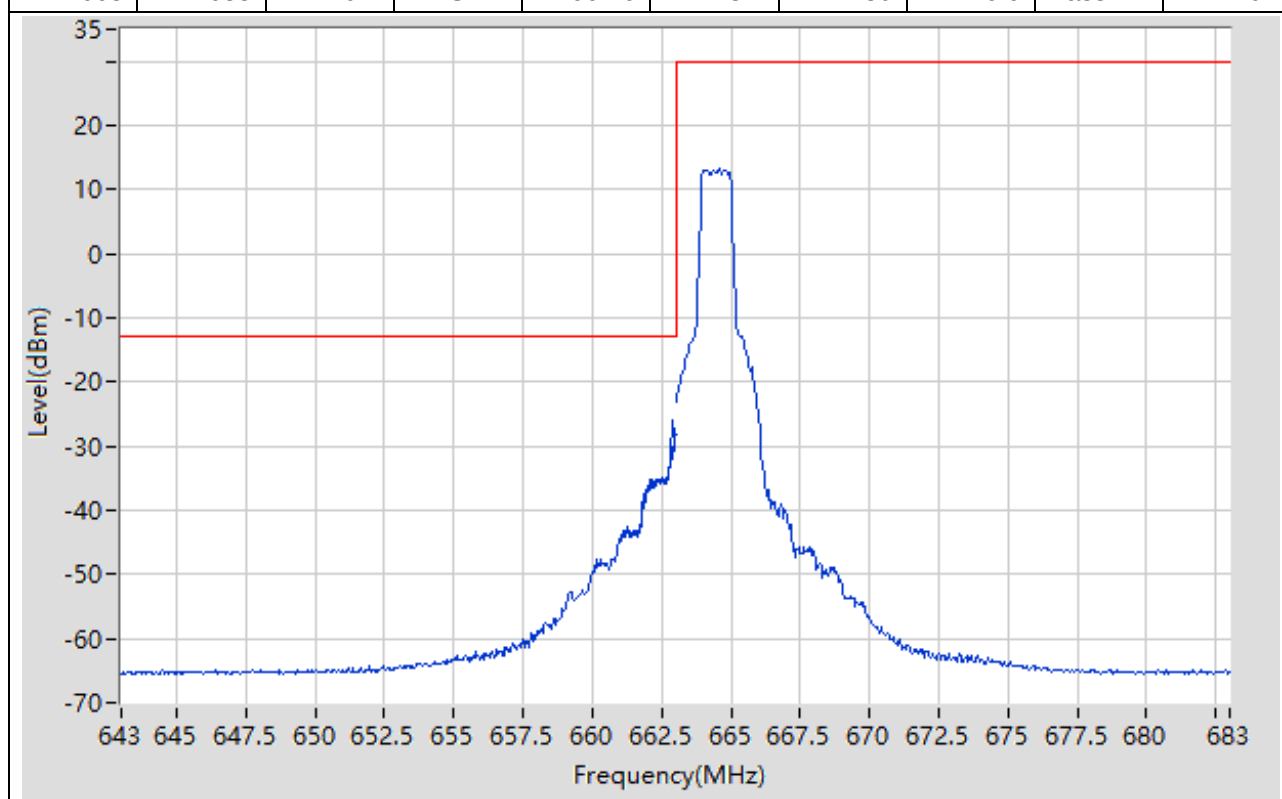
**12.17. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:17, Channel:133197, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 661             | -52.45      | -13         | 39.45       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.895         | -38.2       | -13         | 25.2        | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.981         | -42.01      | -13         | 29.01       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664             | 19.7        | 30          | 10.3        | Pass    | 401         |



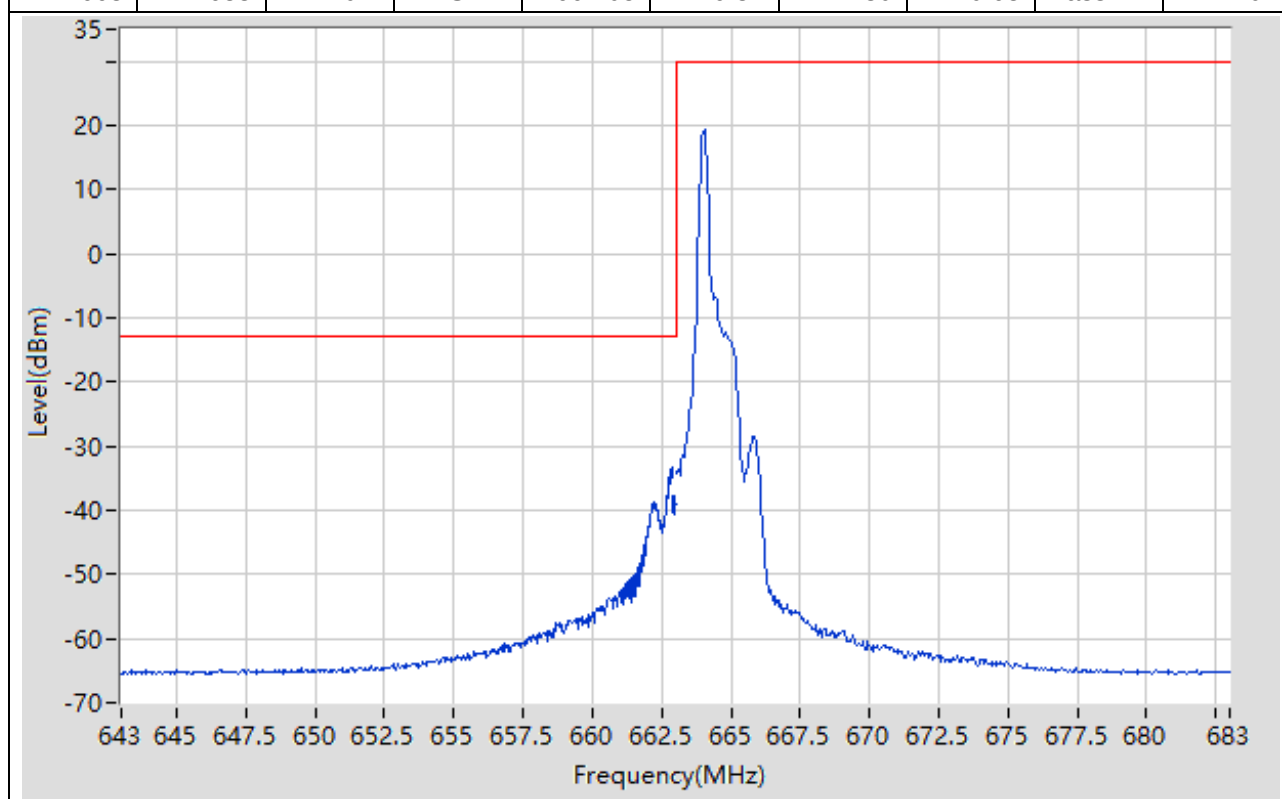
**12.18. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:18, Channel:133197, Bandwidth:15, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 661             | -44.33      | -13         | 31.33       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.9           | -26.03      | -13         | 13.03       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.99          | -27.19      | -13         | 14.19       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.6           | 13.4        | 30          | 16.6        | Pass    | 401         |



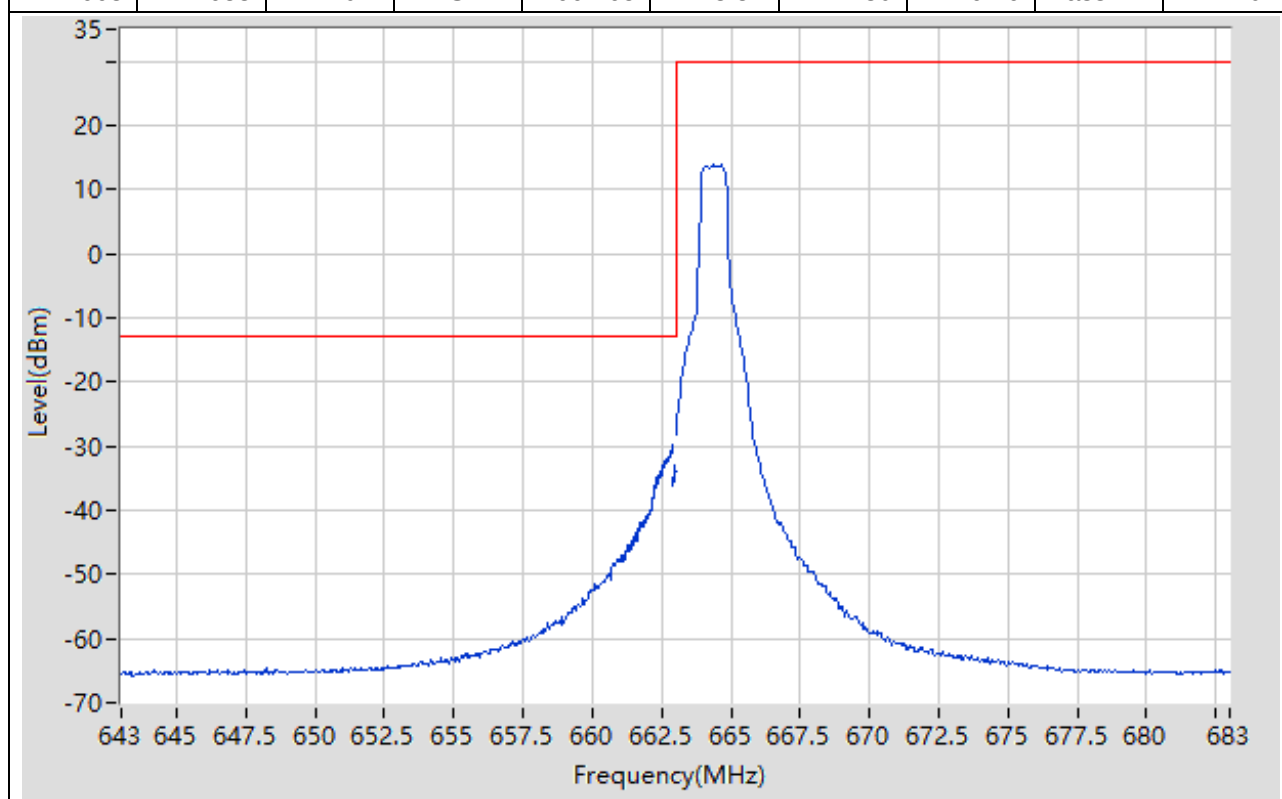
**12.19. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:19, Channel:133197, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 661             | -52.66      | -13         | 39.66       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.881         | -33.15      | -13         | 20.15       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.923         | -37.74      | -13         | 24.74       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.05          | 19.32       | 30          | 10.68       | Pass    | 401         |



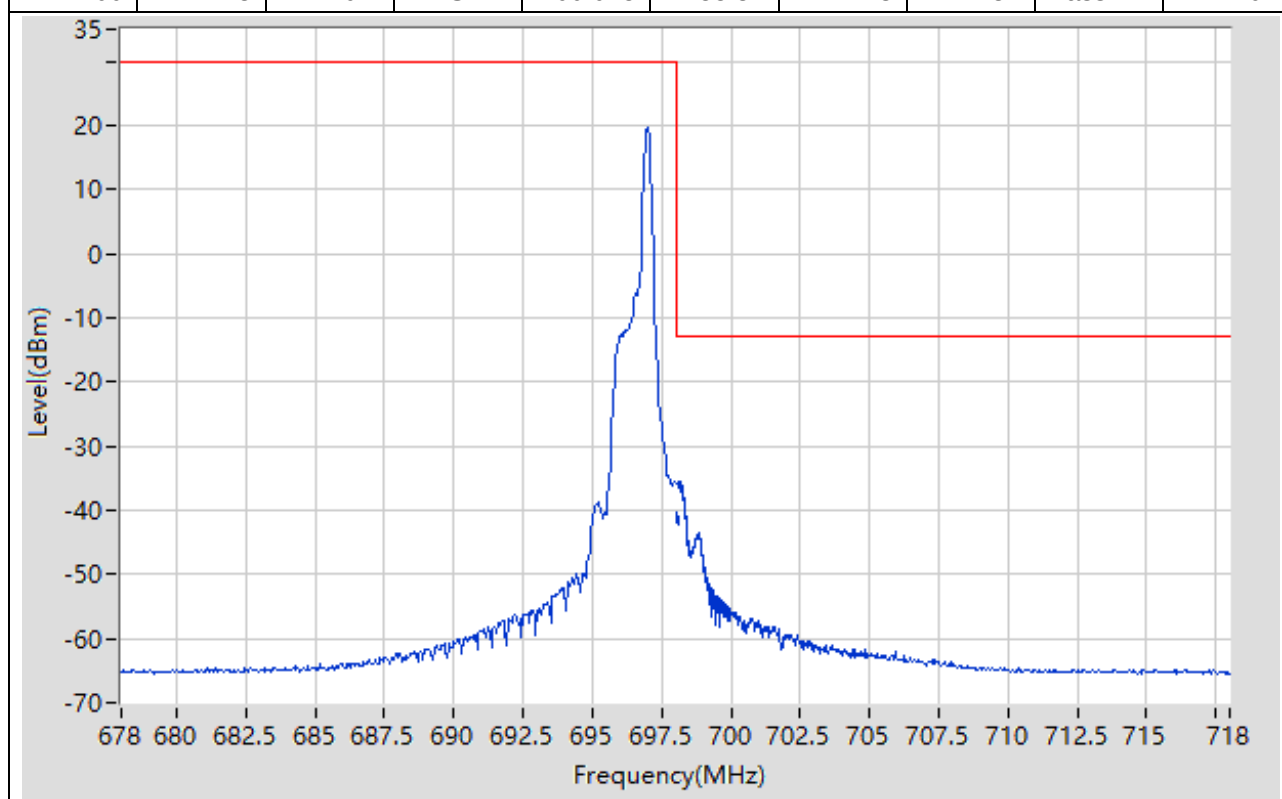
**12.20. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:20, Channel:133197, Bandwidth:15, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 660.91          | -47.63      | -13         | 34.63       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.9           | -29.86      | -13         | 16.86       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.982         | -33.13      | -13         | 20.13       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.65          | 13.84       | 30          | 16.16       | Pass    | 401         |



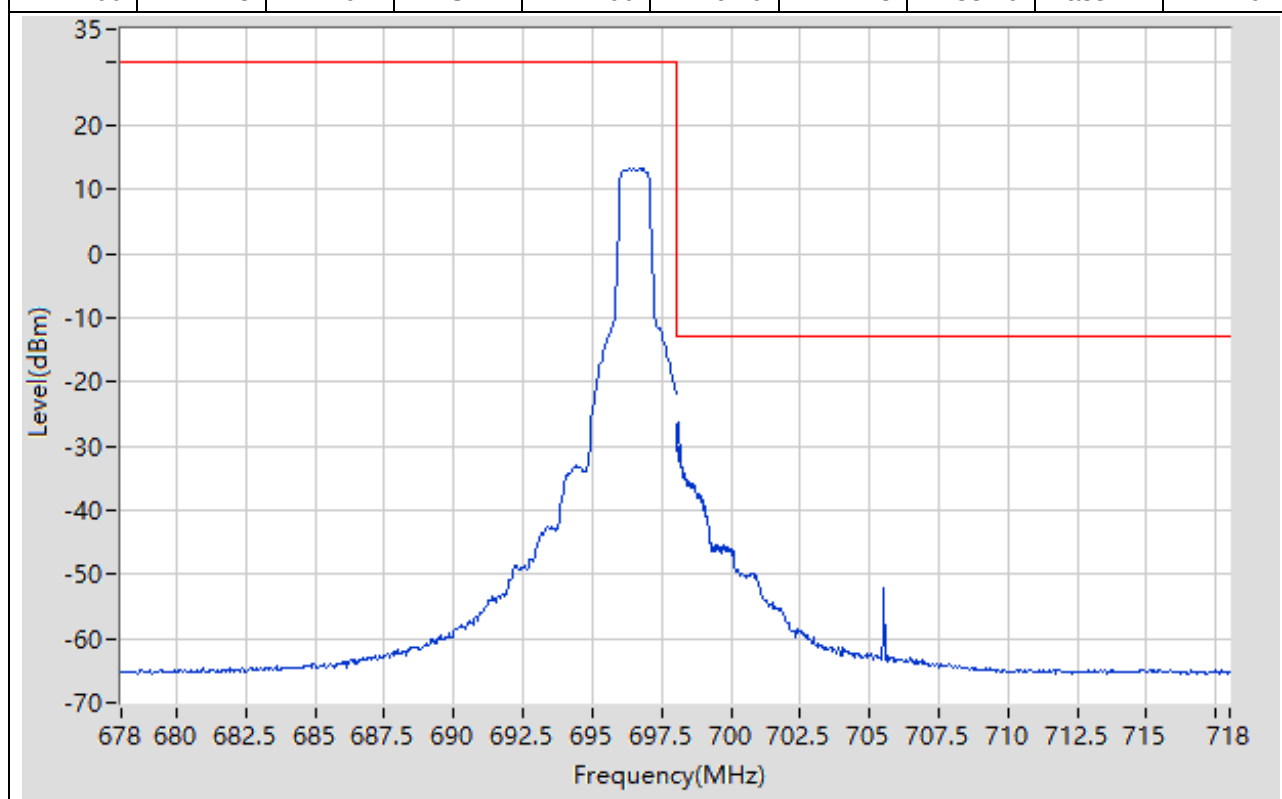
**12.21. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:21, Channel:133397, Bandwidth:15, Modulation:QPSK, NB Index:11, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 697             | 19.65       | 30          | 10.35       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.002         | -40.36      | -13         | 27.36       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.152         | -35.67      | -13         | 22.67       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700.045         | -55.81      | -13         | 42.81       | Pass    | 401         |



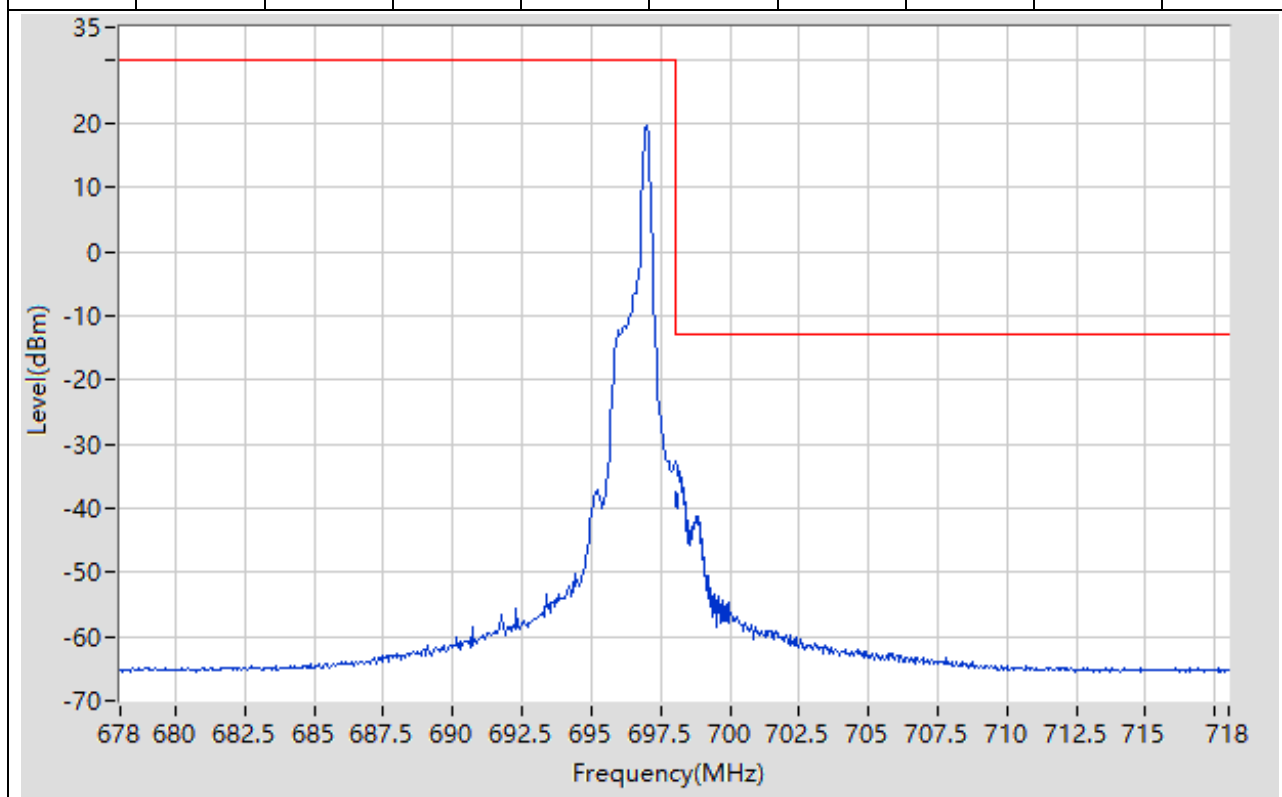
**12.22. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:22, Channel:133397, Bandwidth:15, Modulation:QPSK, NB Index:11, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 696.7           | 13.35       | 30          | 16.65       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.002         | -26.59      | -13         | 13.59       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.1           | -26.35      | -13         | 13.35       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700             | -46.19      | -13         | 33.19       | Pass    | 401         |



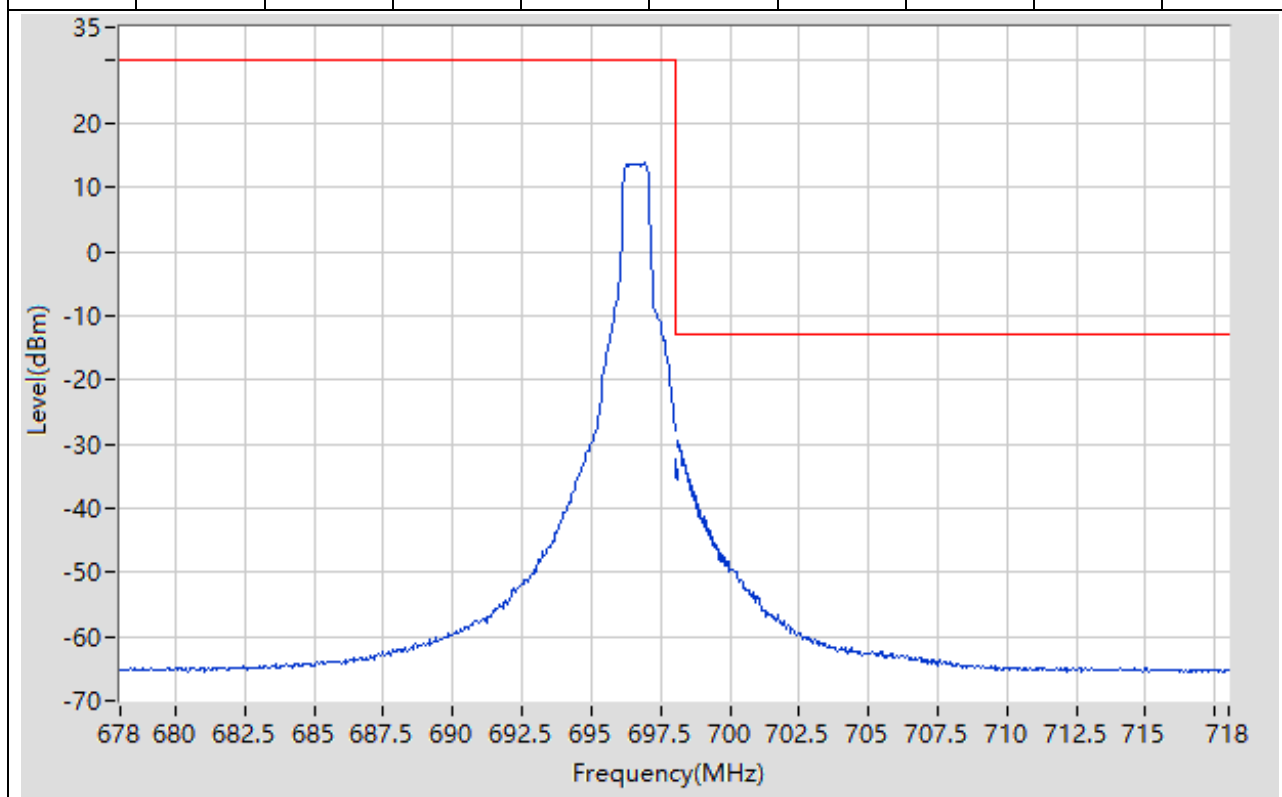
**12.23. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:23, Channel:133397, Bandwidth:15, Modulation:16QAM, NB Index:11, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 697             | 19.56       | 30          | 10.44       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.018         | -37.3       | -13         | 24.3        | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.1           | -33.29      | -13         | 20.29       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700             | -56.12      | -13         | 43.12       | Pass    | 401         |



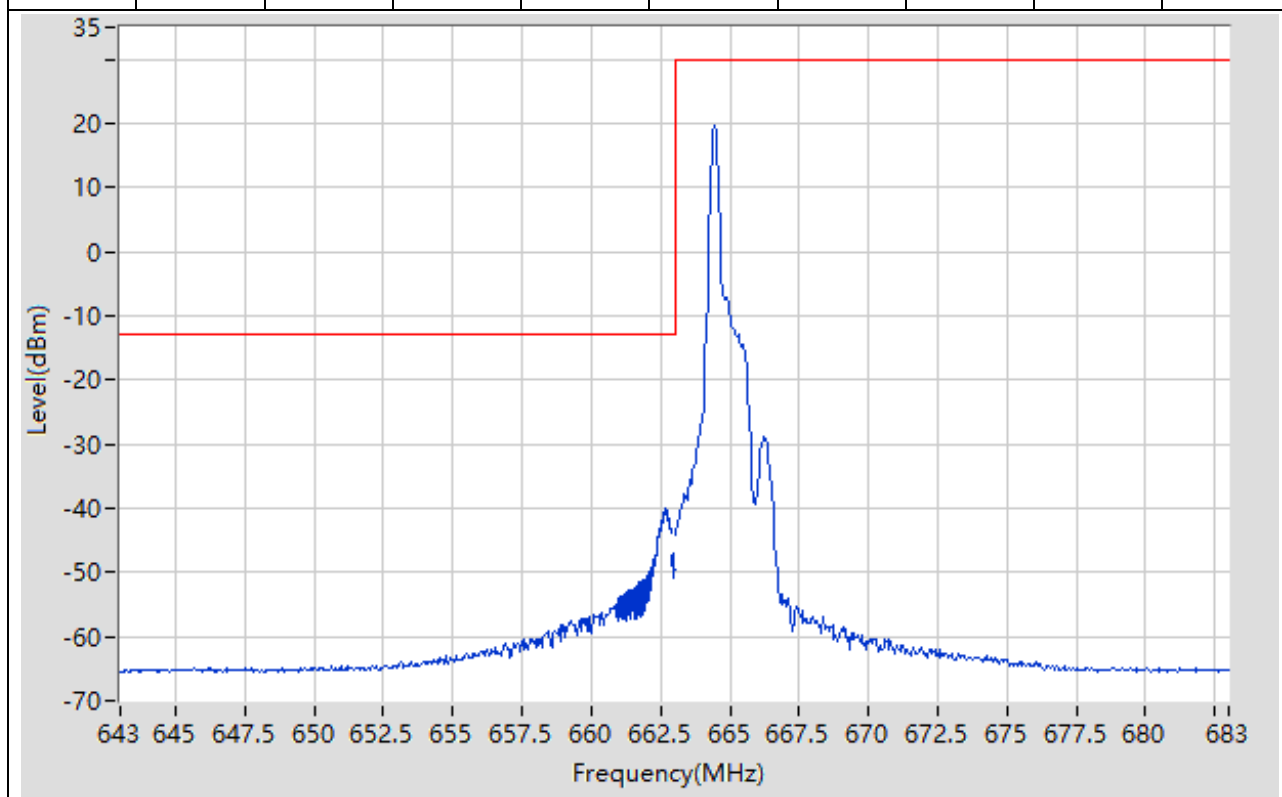
**12.24. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:24, Channel:133397, Bandwidth:15, Modulation:16QAM, NB Index:11, RB Number:5, RB Position:1)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 696.95          | 13.82       | 30          | 16.18       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.025         | -32.27      | -13         | 19.27       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.11          | -29.49      | -13         | 16.49       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700             | -49.44      | -13         | 36.44       | Pass    | 401         |



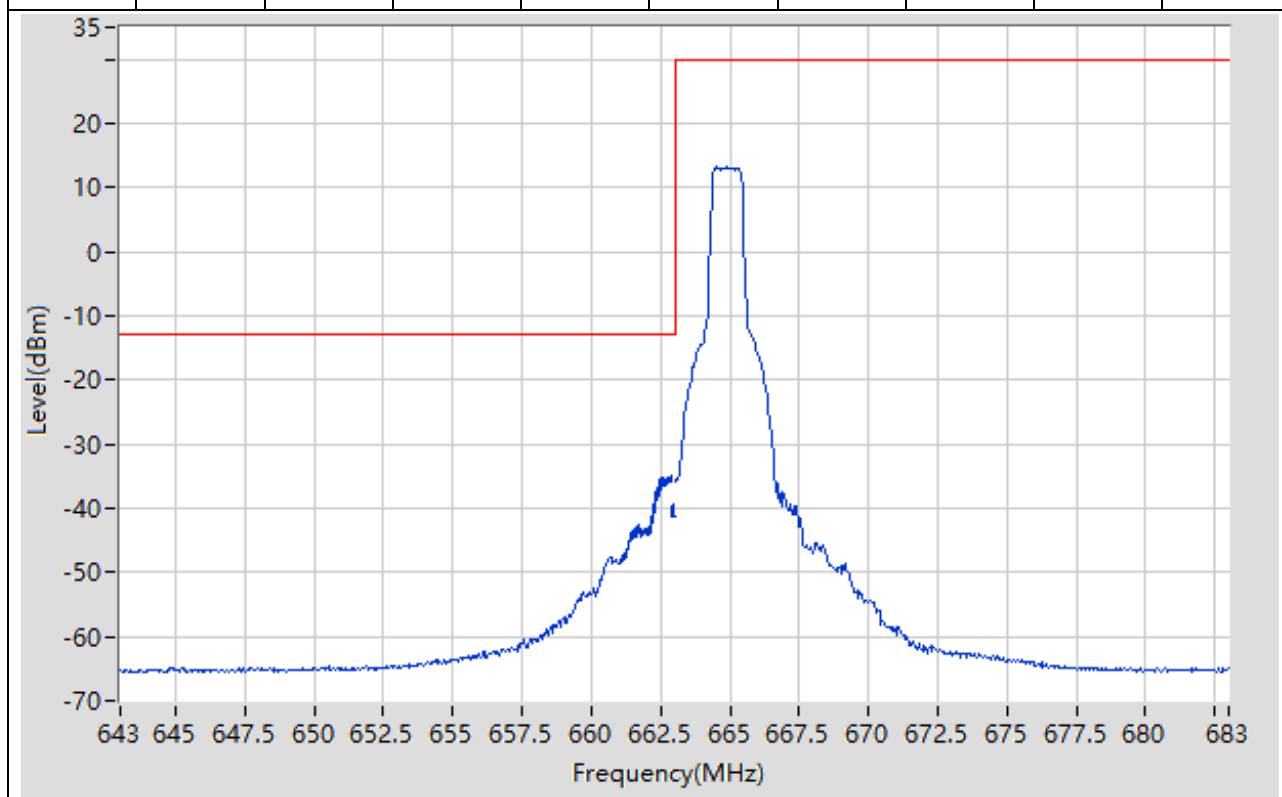
**12.25. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:25, Channel:133222, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 661             | -54.15      | -13         | 41.15       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.696         | -40.09      | -13         | 27.09       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.935         | -47.17      | -13         | 34.17       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.45          | 19.75       | 30          | 10.25       | Pass    | 401         |



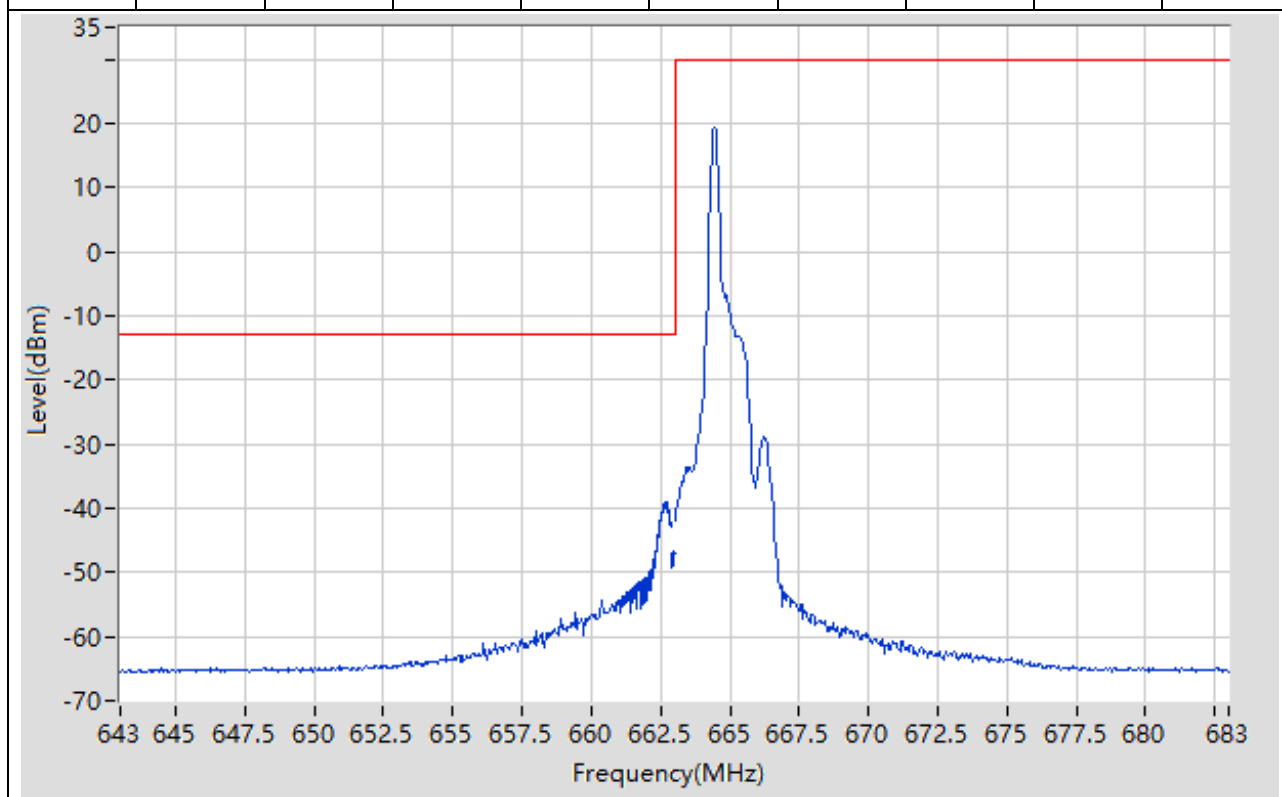
**12.26. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:26, Channel:133222, Bandwidth:20, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 660.685         | -47.58      | -13         | 34.58       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.891         | -34.86      | -13         | 21.86       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.937         | -39.27      | -13         | 26.27       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.5           | 13.24       | 30          | 16.76       | Pass    | 401         |



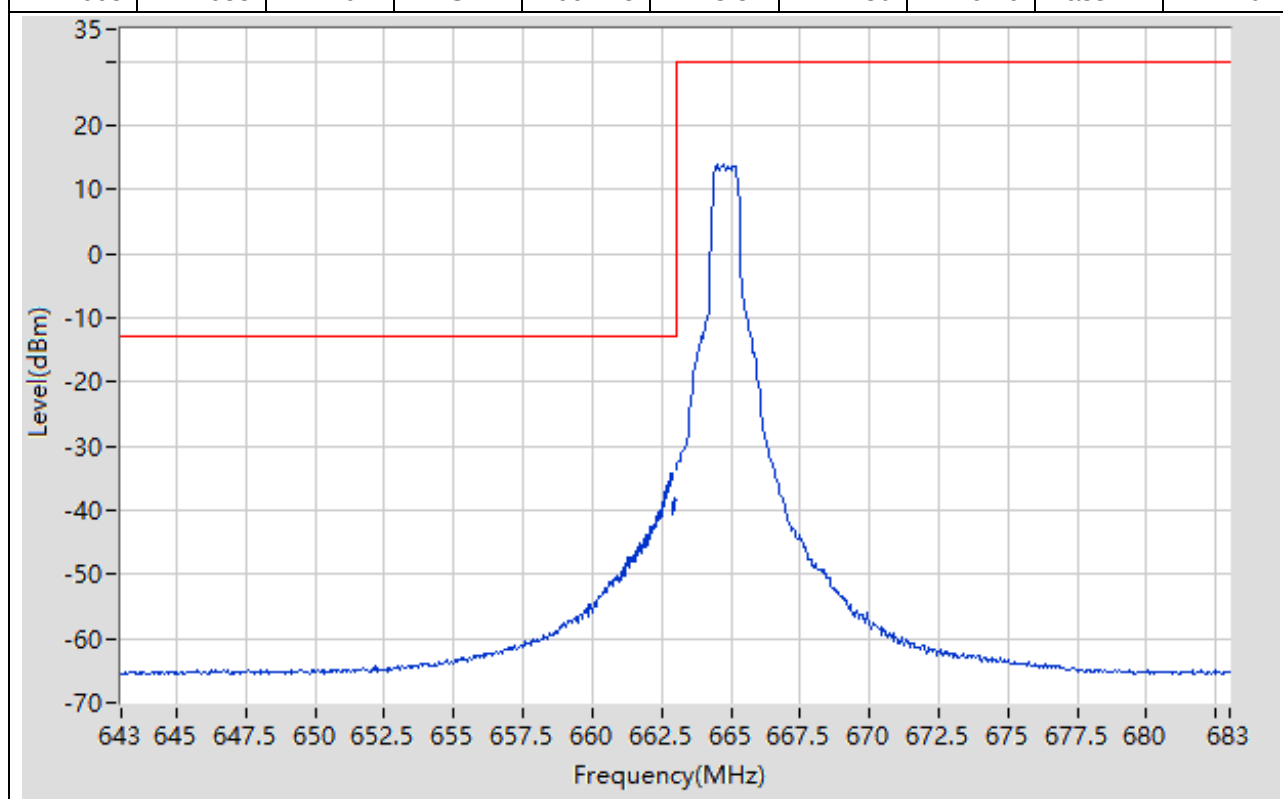
**12.27. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:27, Channel:133222, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 660.955         | -54.38      | -13         | 41.38       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.663         | -38.91      | -13         | 25.91       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.999         | -46.75      | -13         | 33.75       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.45          | 19.24       | 30          | 10.76       | Pass    | 401         |



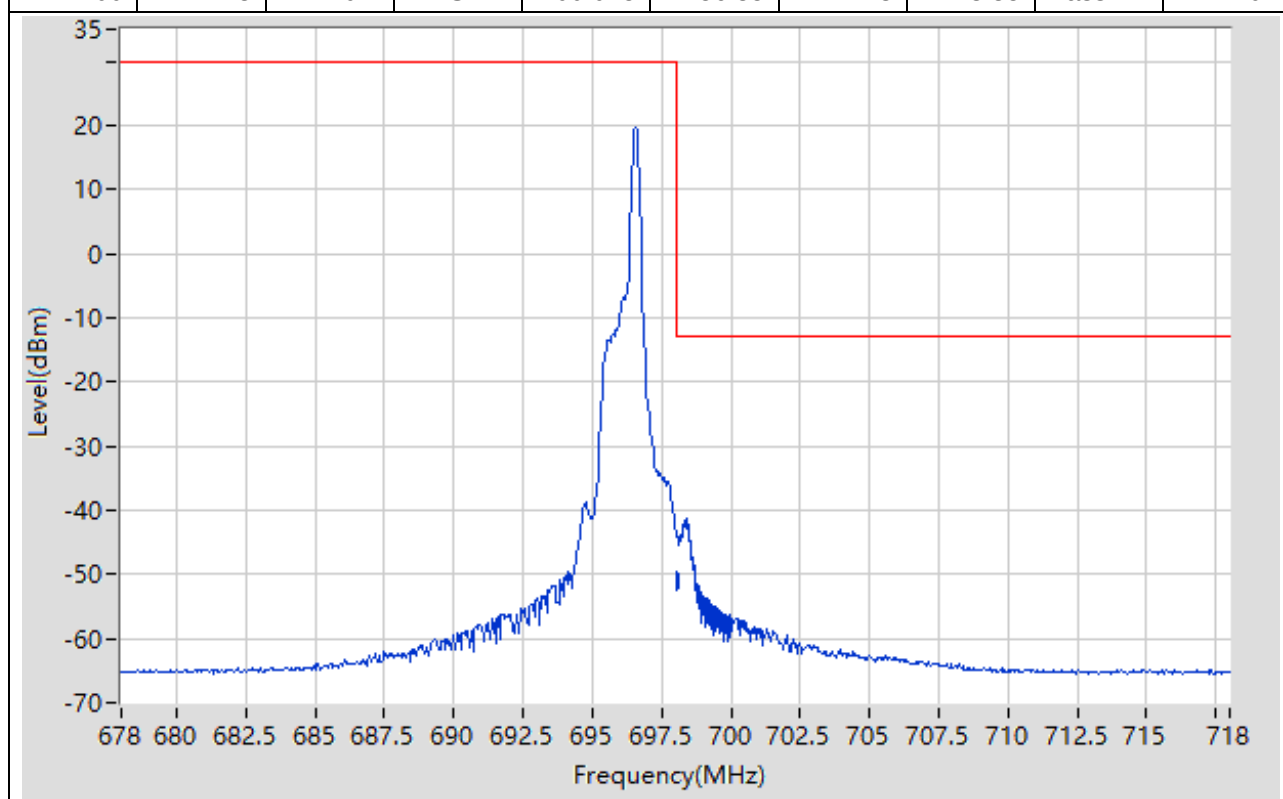
**12.28. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:28, Channel:133222, Bandwidth:20, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 643                   | 661                  | 0.1       | RMS      | 660.865         | -50.08      | -13         | 37.08       | Pass    | 401         |
| 661                   | 662.9                | 0.1       | RMS      | 662.867         | -34.11      | -13         | 21.11       | Pass    | 401         |
| 662.9                 | 663                  | 0.03      | RMS      | 662.999         | -38.24      | -13         | 25.24       | Pass    | 401         |
| 663                   | 683                  | 0.1       | RMS      | 664.75          | 13.84       | 30          | 16.16       | Pass    | 401         |



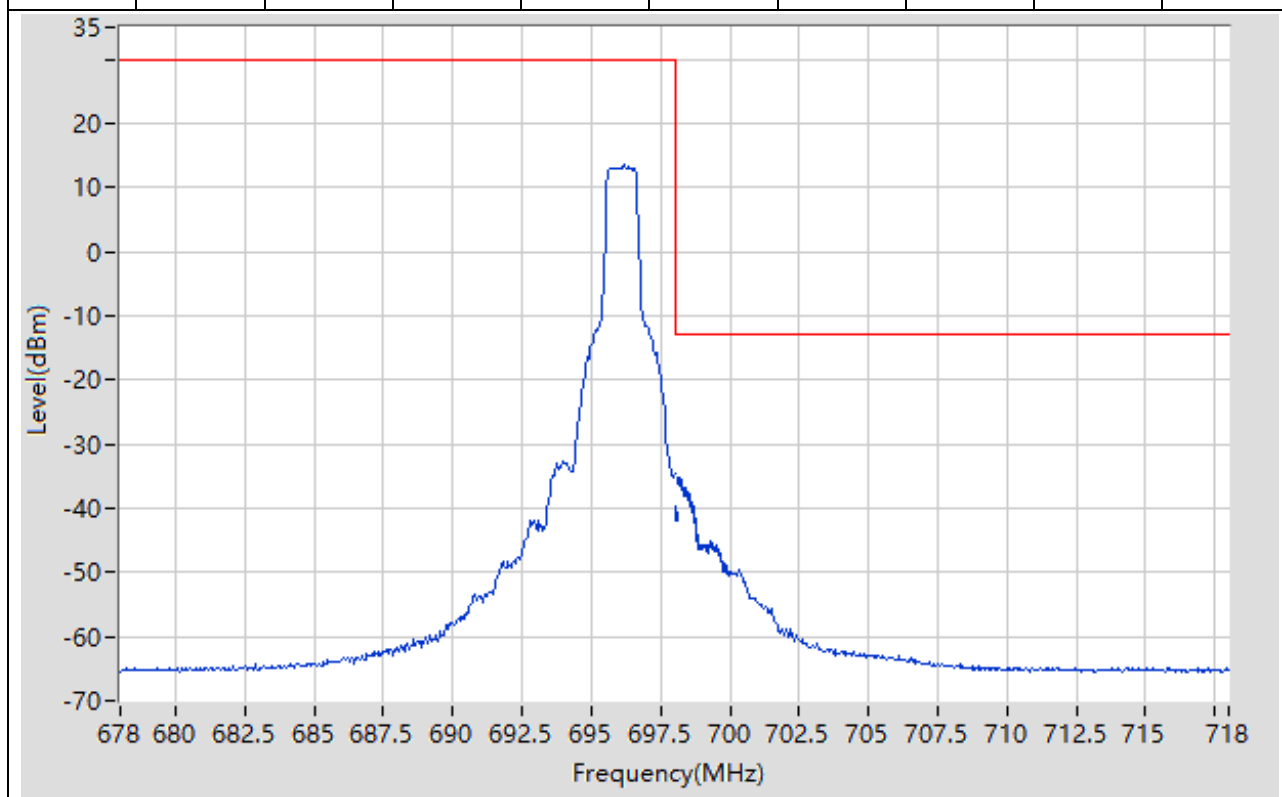
**12.29. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:29, Channel:133372, Bandwidth:20, Modulation:QPSK, NB Index:15, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 696.55          | 19.84       | 30          | 10.16       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.008         | -49.48      | -13         | 36.48       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.39          | -41.3       | -13         | 28.3        | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700.045         | -56.85      | -13         | 43.85       | Pass    | 401         |



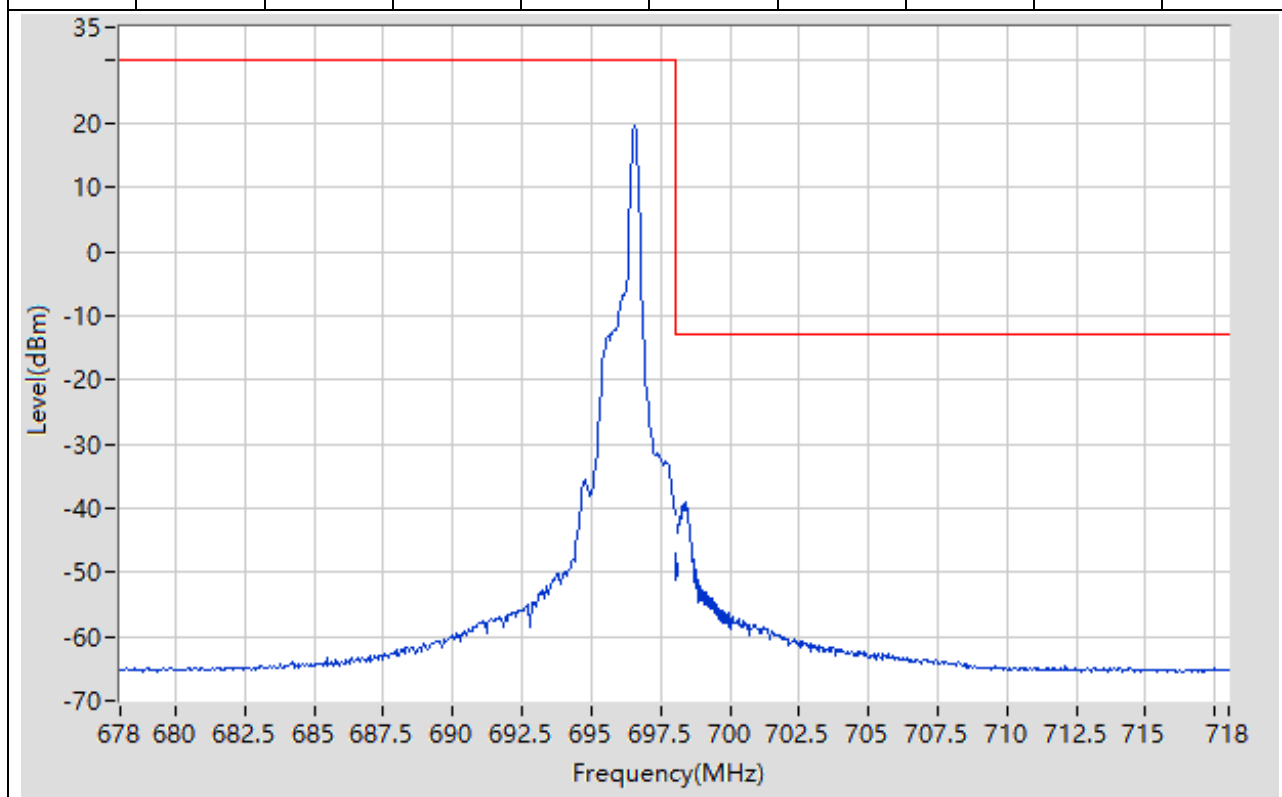
**12.30. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:30, Channel:133372, Bandwidth:20, Modulation:QPSK, NB Index:15, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 696.2           | 13.46       | 30          | 16.54       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.028         | -39.57      | -13         | 26.57       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.114         | -35.14      | -13         | 22.14       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700.315         | -49.59      | -13         | 36.59       | Pass    | 401         |



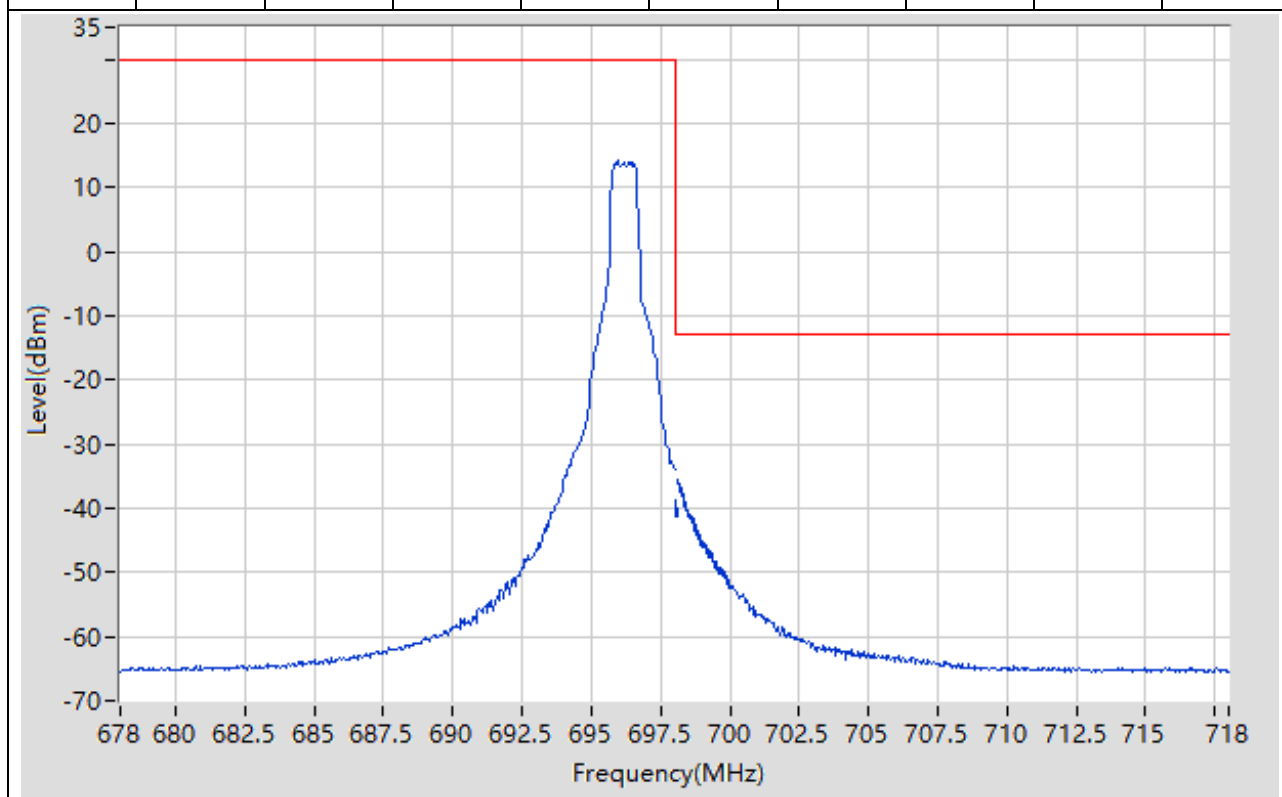
**12.31. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:31, Channel:133372, Bandwidth:20, Modulation:16QAM, NB Index:15, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 696.55          | 19.56       | 30          | 10.44       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.001         | -46.89      | -13         | 33.89       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.395         | -39.02      | -13         | 26.02       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700.09          | -56.92      | -13         | 43.92       | Pass    | 401         |



**12.32. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:32, Channel:133372, Bandwidth:20, Modulation:16QAM, NB Index:15, RB Number:5, RB Position:1)**

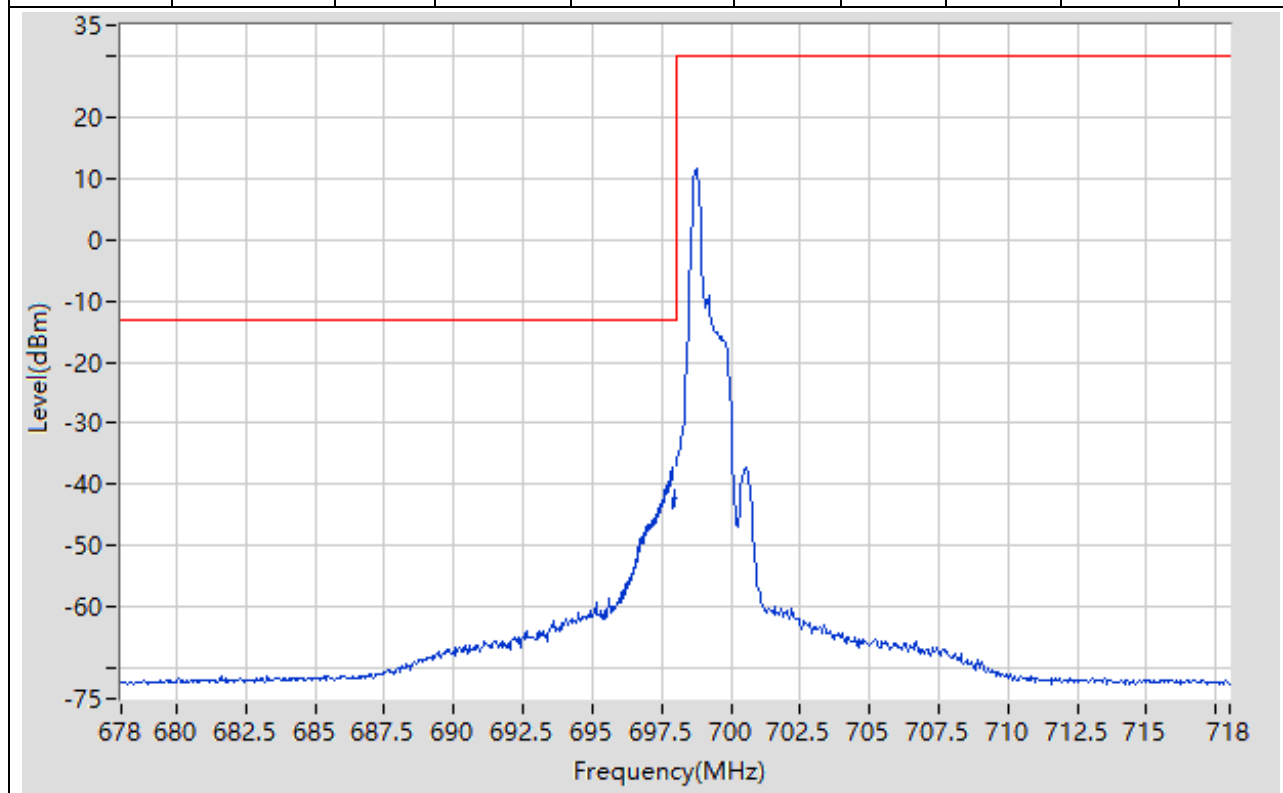
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 698                  | 0.1       | RMS      | 695.95          | 14.16       | 30          | 15.84       | Pass    | 401         |
| 698                   | 698.1                | 0.03      | RMS      | 698.001         | -38.68      | -13         | 25.68       | Pass    | 401         |
| 698.1                 | 700                  | 0.1       | RMS      | 698.114         | -35.58      | -13         | 22.58       | Pass    | 401         |
| 700                   | 718                  | 0.1       | RMS      | 700.045         | -52.18      | -13         | 39.18       | Pass    | 401         |



### 13. Cat-M\_Band85

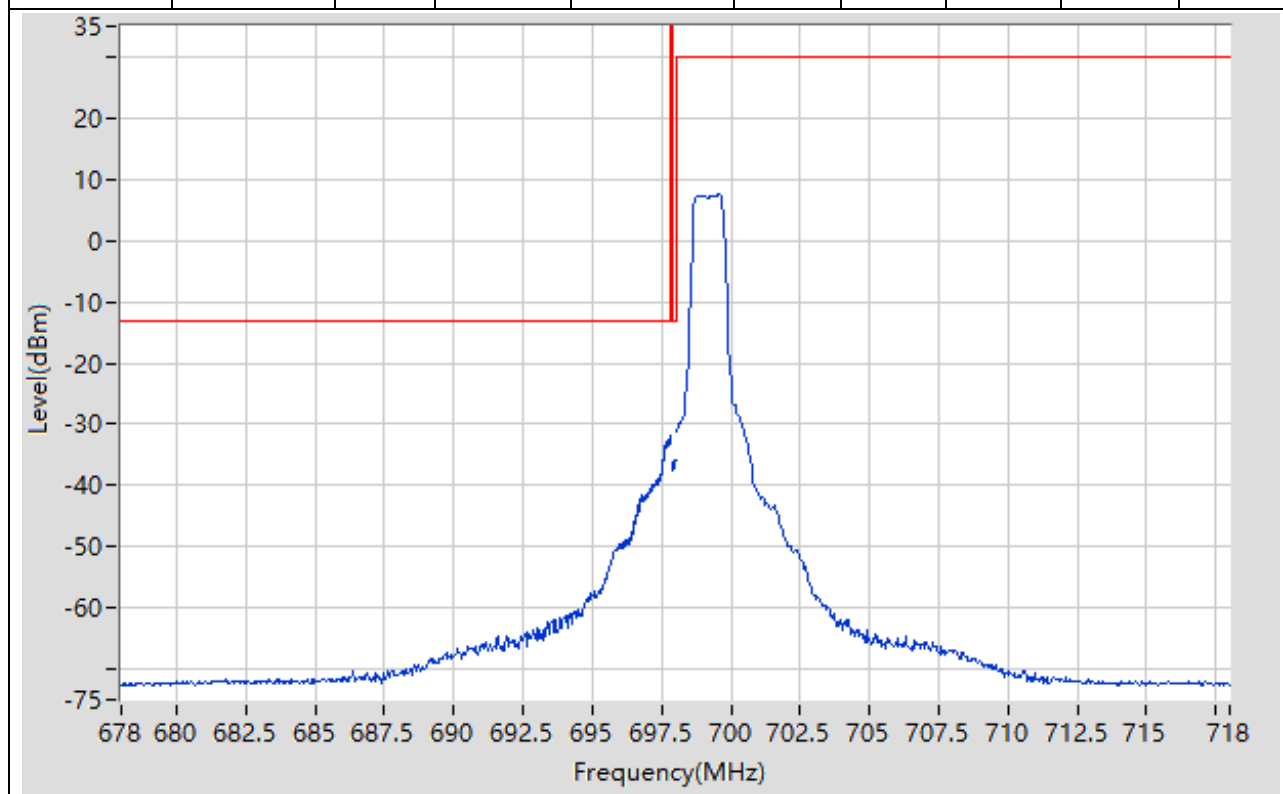
13.1. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:1, Channel:134031, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 695.595         | -58.55      | -13         | 45.55       | Pass    | 401         |
| 696                   | 697.9                | 0.1       | RMS      | 697.895         | -37.32      | -13         | 24.32       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.985         | -40.9       | -13         | 27.9        | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 698.75          | 11.71       | 30          | 18.29       | Pass    | 401         |



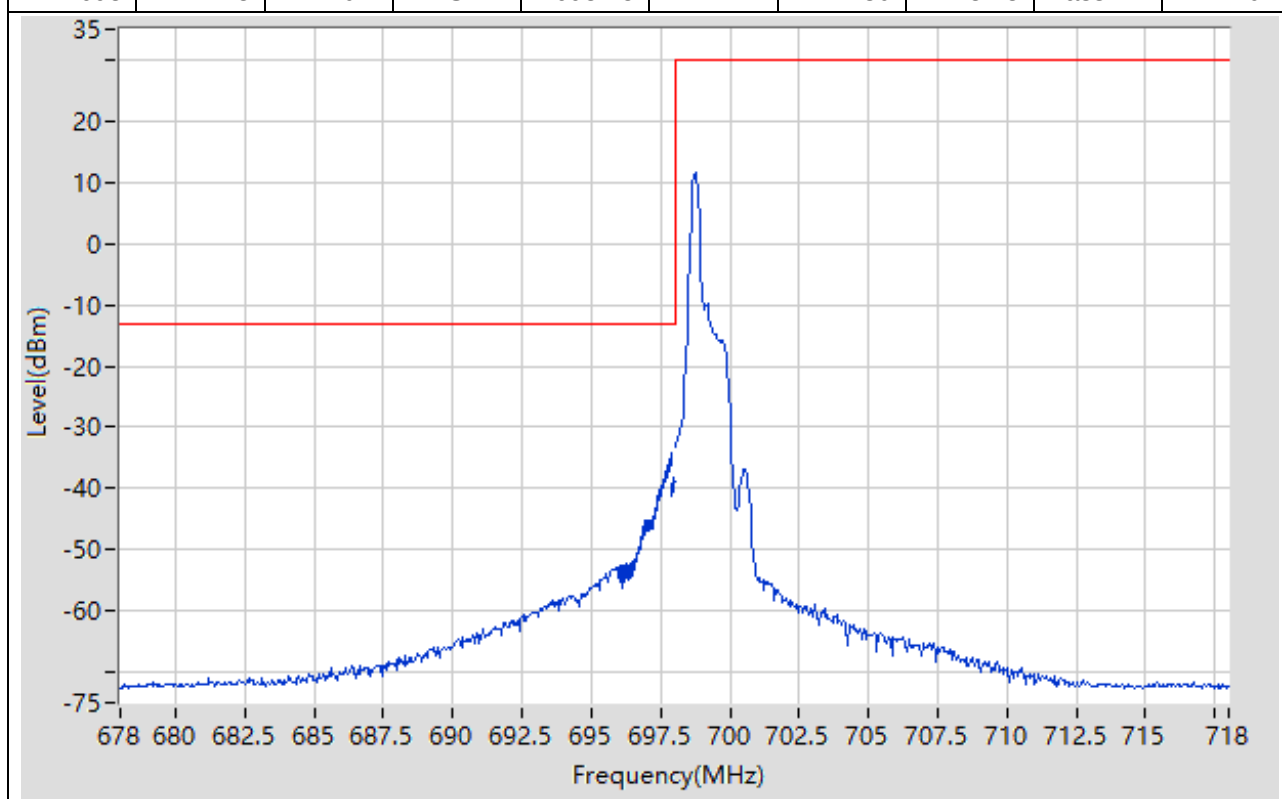
**13.2. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:2, Channel:134031, Bandwidth:5, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 696             | -49.66      | -13         | 36.66       | Pass    | 401         |
| 696                   | 697.85               | 0.1       | RMS      | 697.841         | -32.03      | -13         | 19.03       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.962         | -35.88      | -13         | 22.88       | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 699.5           | 7.5         | 30          | 22.5        | Pass    | 401         |



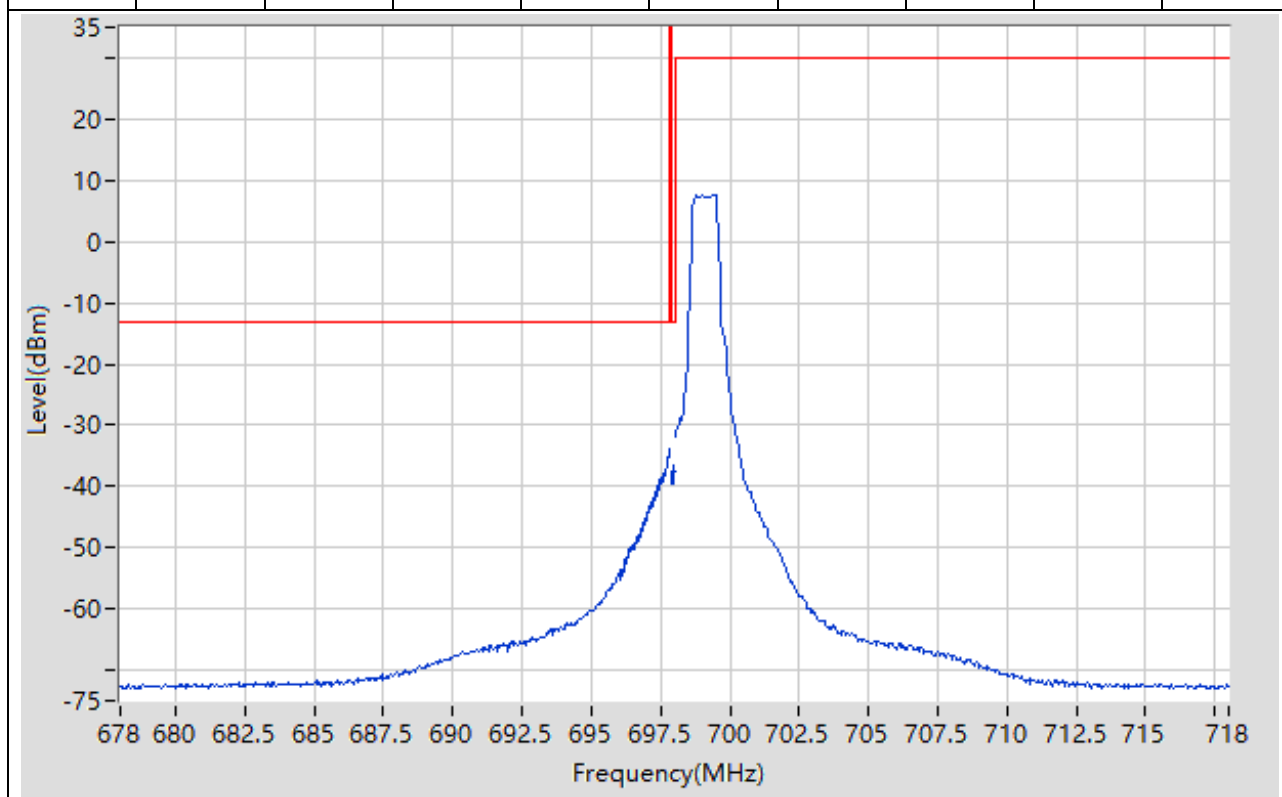
### 13.3. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:3, Channel:134031, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 695.91          | -53.04      | -13         | 40.04       | Pass    | 401         |
| 696                   | 697.9                | 0.1       | RMS      | 697.9           | -34.36      | -13         | 21.36       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.992         | -38.38      | -13         | 25.38       | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 698.75          | 11.72       | 30          | 18.28       | Pass    | 401         |



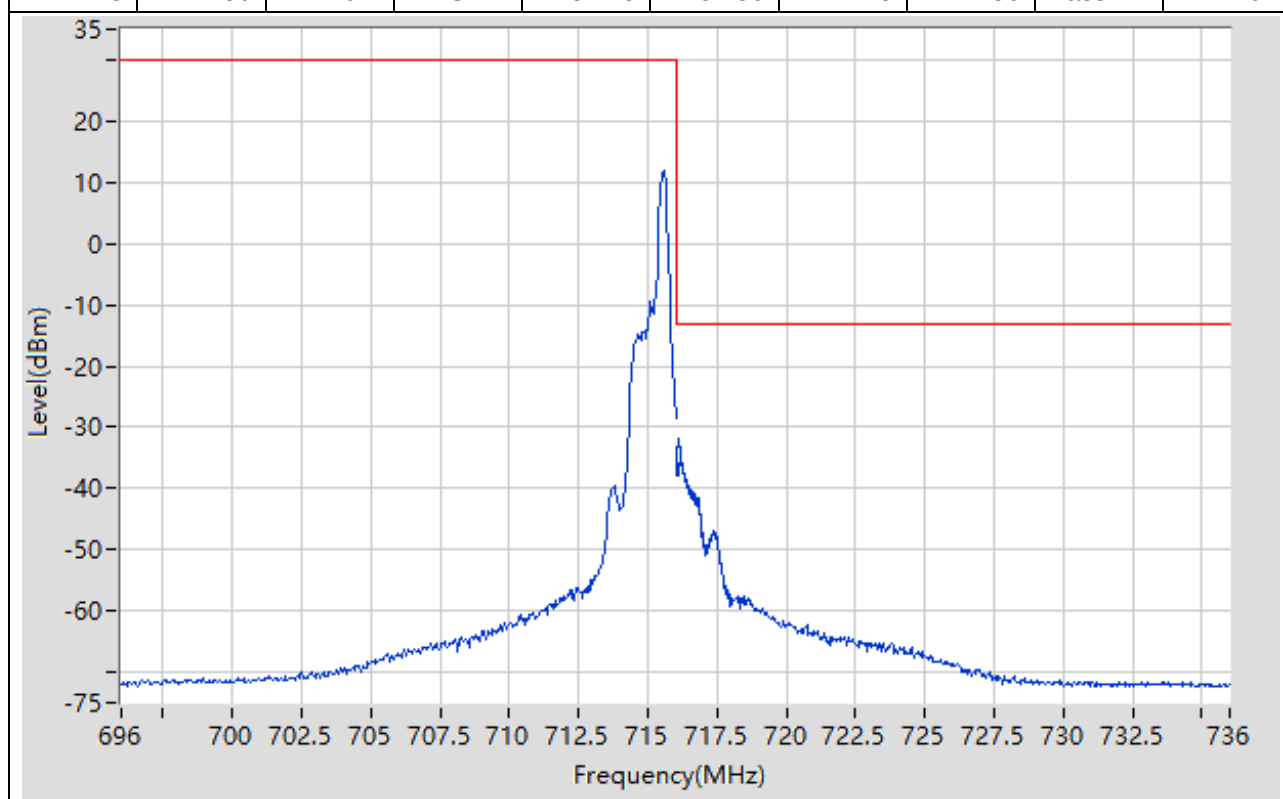
**13.4. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:4, Channel:134031, Bandwidth:5, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 696             | -54.36      | -13         | 41.36       | Pass    | 401         |
| 696                   | 697.85               | 0.1       | RMS      | 697.85          | -33.91      | -13         | 20.91       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.999         | -36.59      | -13         | 23.59       | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 699.5           | 7.63        | 30          | 22.37       | Pass    | 401         |



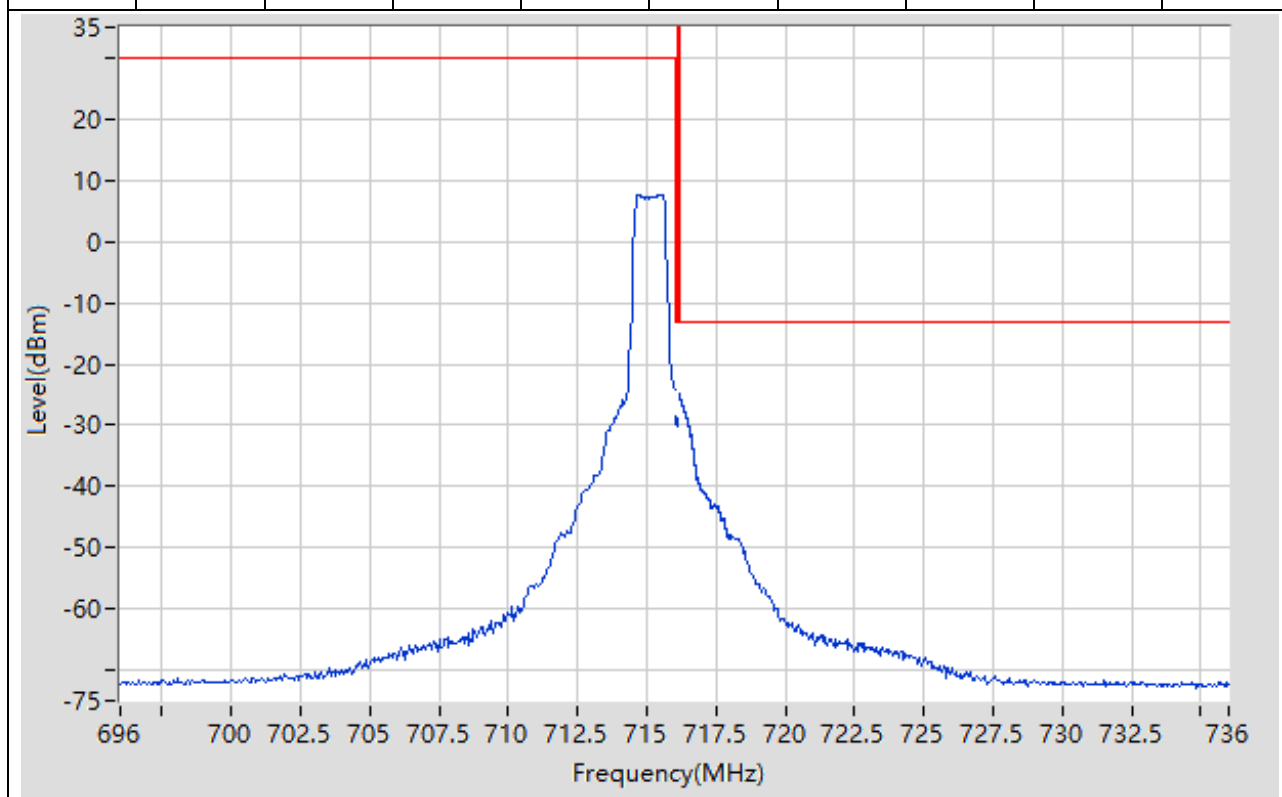
**13.5. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:5, Channel:134156, Bandwidth:5, Modulation:QPSK, NB Index:3, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.6           | 11.85       | 30          | 18.15       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.004         | -33.23      | -13         | 20.23       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -31.89      | -13         | 18.89       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718.225         | -57.56      | -13         | 44.56       | Pass    | 401         |



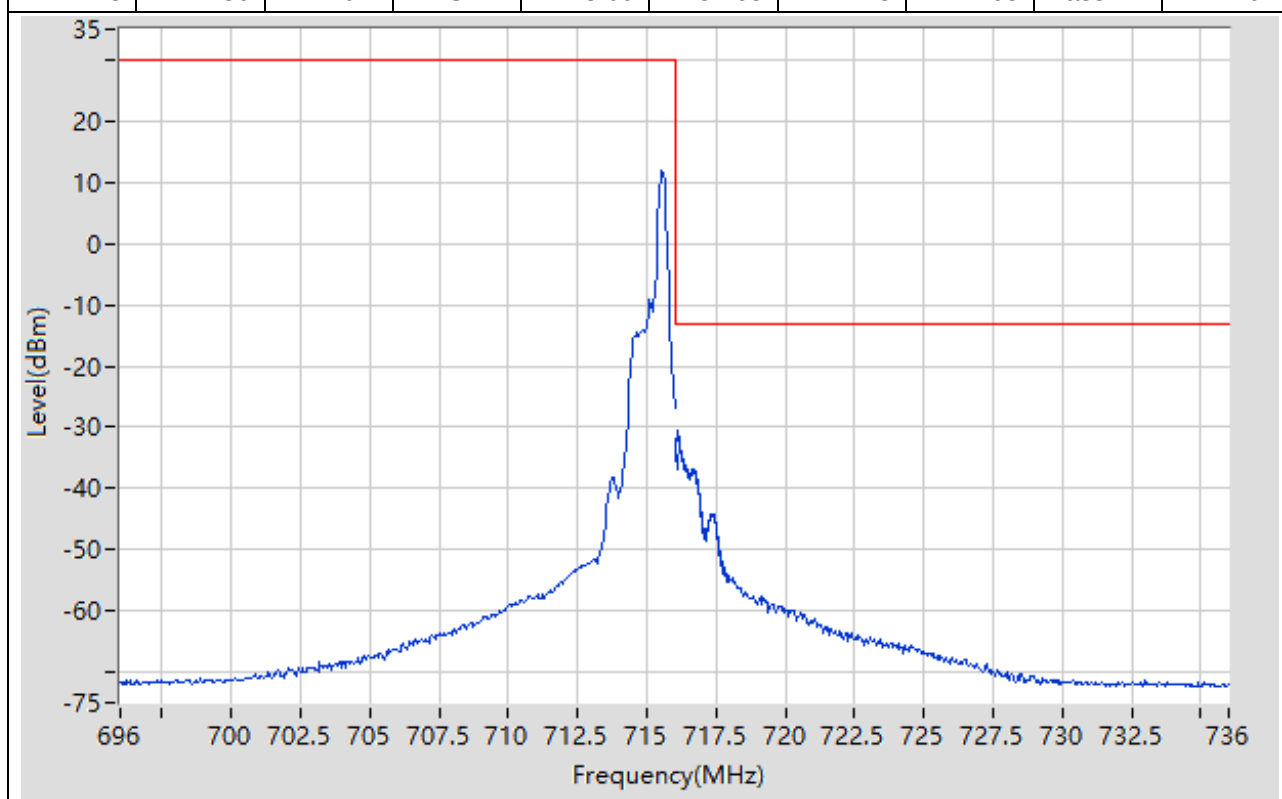
**13.6. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:6, Channel:134156, Bandwidth:5, Modulation:QPSK, NB Index:3, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.55          | 7.75        | 30          | 22.25       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.061         | -28.54      | -13         | 15.54       | Pass    | 401         |
| 716.15                | 718                  | 0.1       | RMS      | 716.155         | -24.86      | -13         | 11.86       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718.045         | -48         | -13         | 35          | Pass    | 401         |



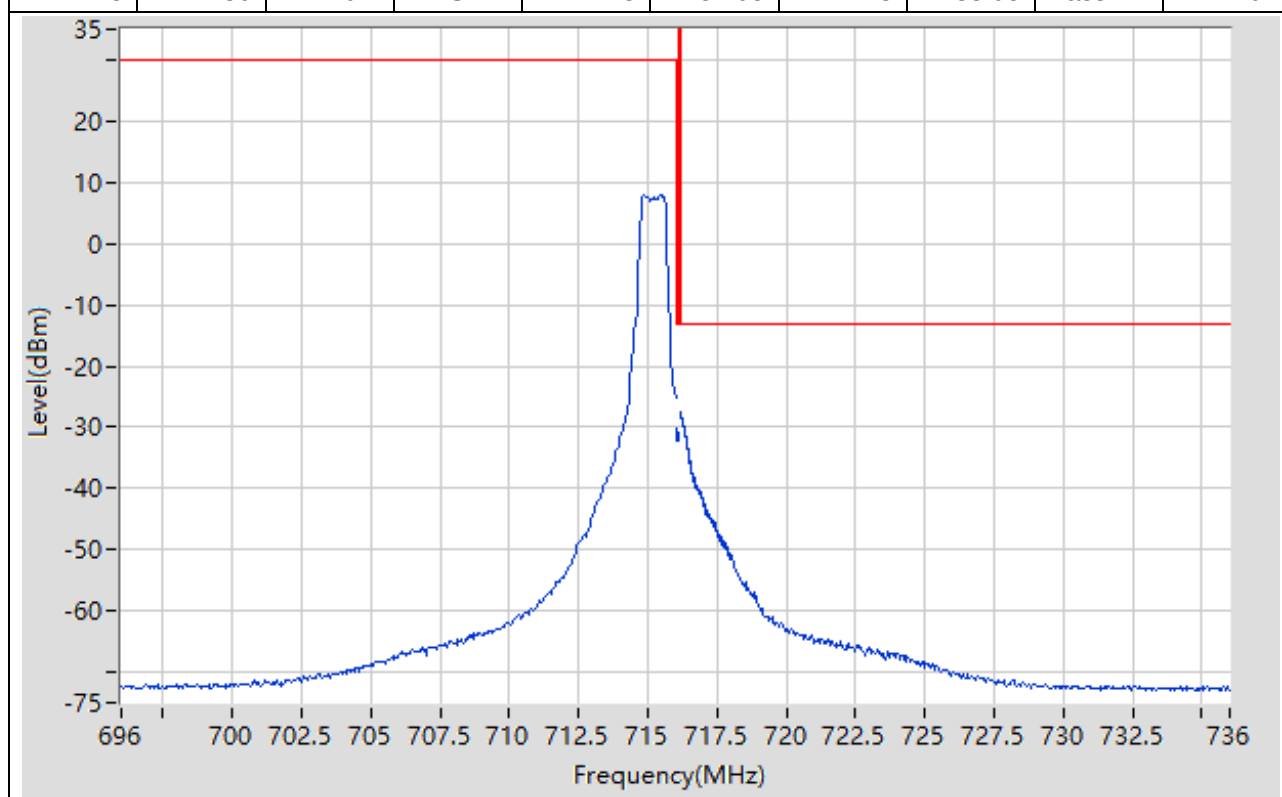
**13.7. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:7, Channel:134156, Bandwidth:5, Modulation:16QAM, NB Index:3, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.55          | 11.83       | 30          | 18.17       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716             | -31.82      | -13         | 18.82       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -30.4       | -13         | 17.4        | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718.09          | -54.65      | -13         | 41.65       | Pass    | 401         |



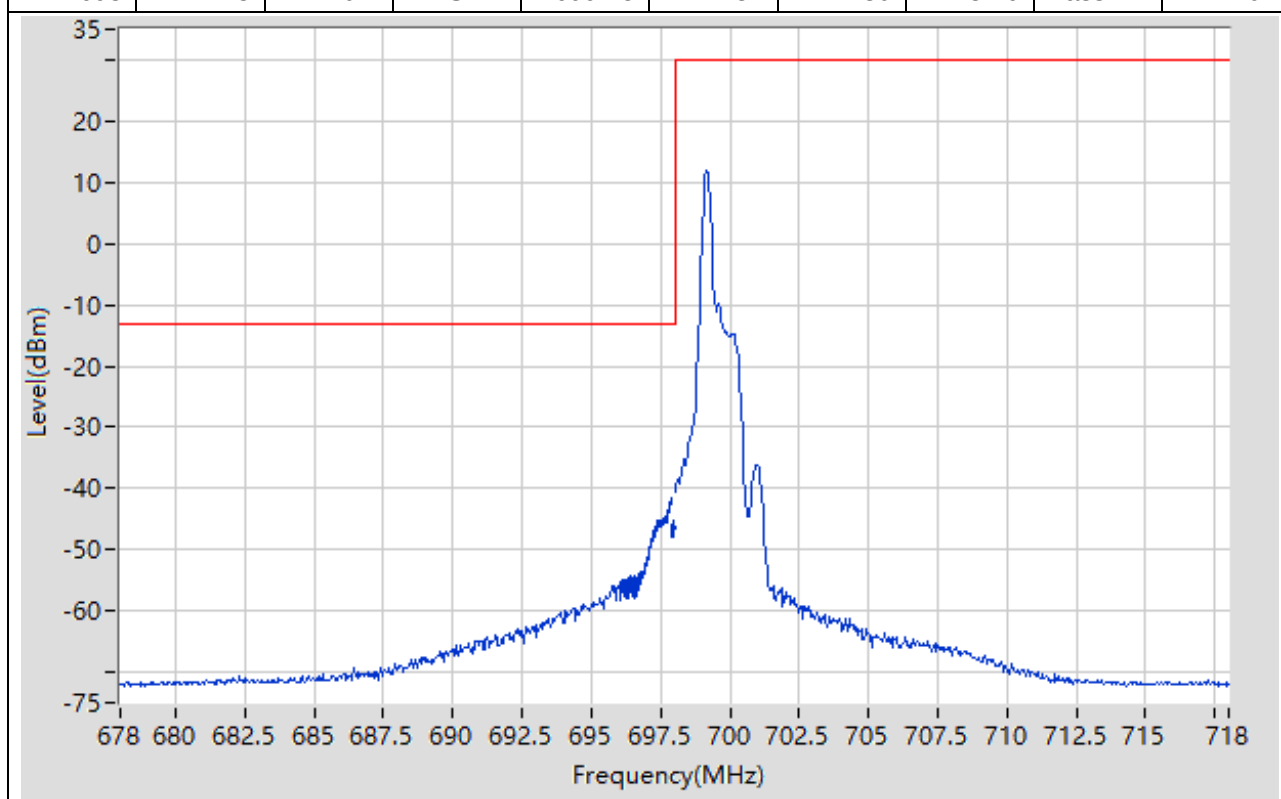
**13.8. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:8, Channel:134156, Bandwidth:5, Modulation:16QAM, NB Index:3, RB Number:5, RB Position:1)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.55          | 7.96        | 30          | 22.04       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.016         | -30.31      | -13         | 17.31       | Pass    | 401         |
| 716.15                | 718                  | 0.1       | RMS      | 716.159         | -27.59      | -13         | 14.59       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718             | -51.08      | -13         | 38.08       | Pass    | 401         |



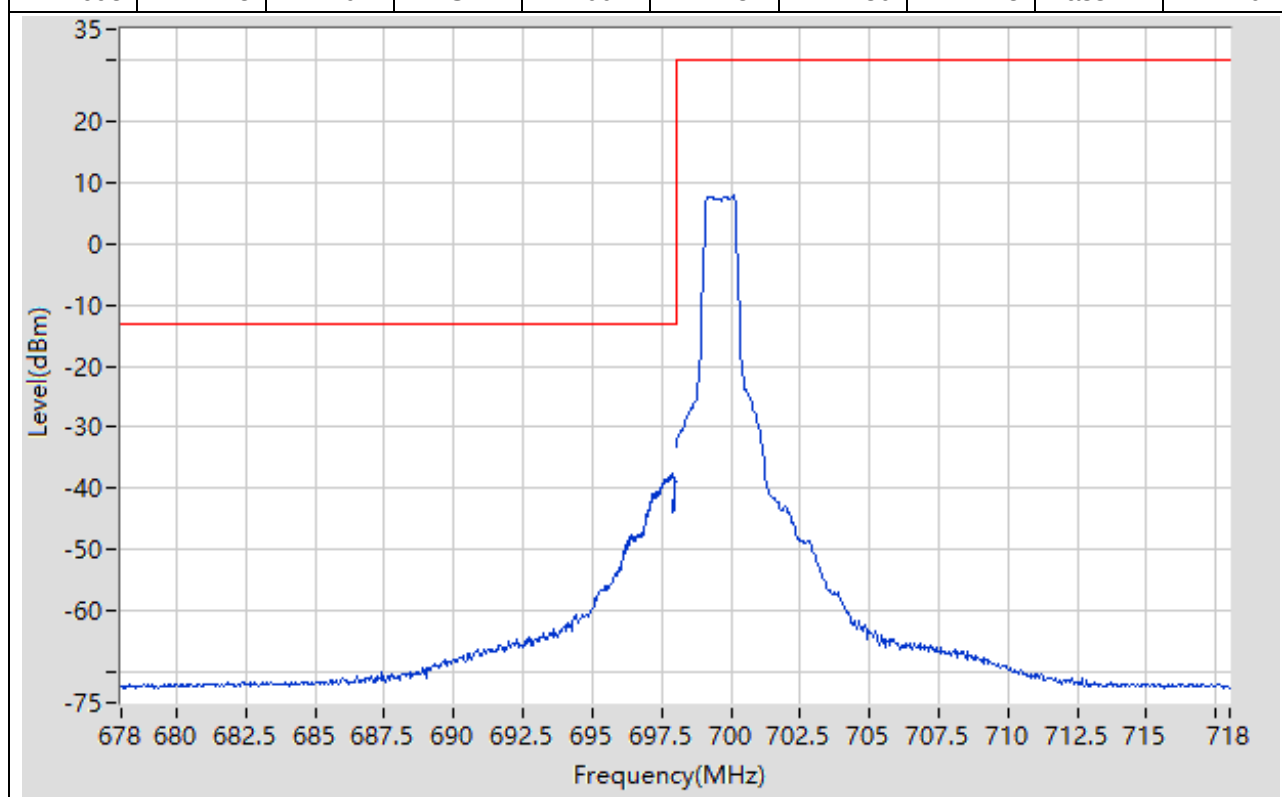
**13.9. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:9, Channel:134056, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 695.82          | -55.96      | -13         | 42.96       | Pass    | 401         |
| 696                   | 697.9                | 0.1       | RMS      | 697.9           | -41.48      | -13         | 28.48       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.99          | -45.26      | -13         | 32.26       | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 699.15          | 11.84       | 30          | 18.16       | Pass    | 401         |



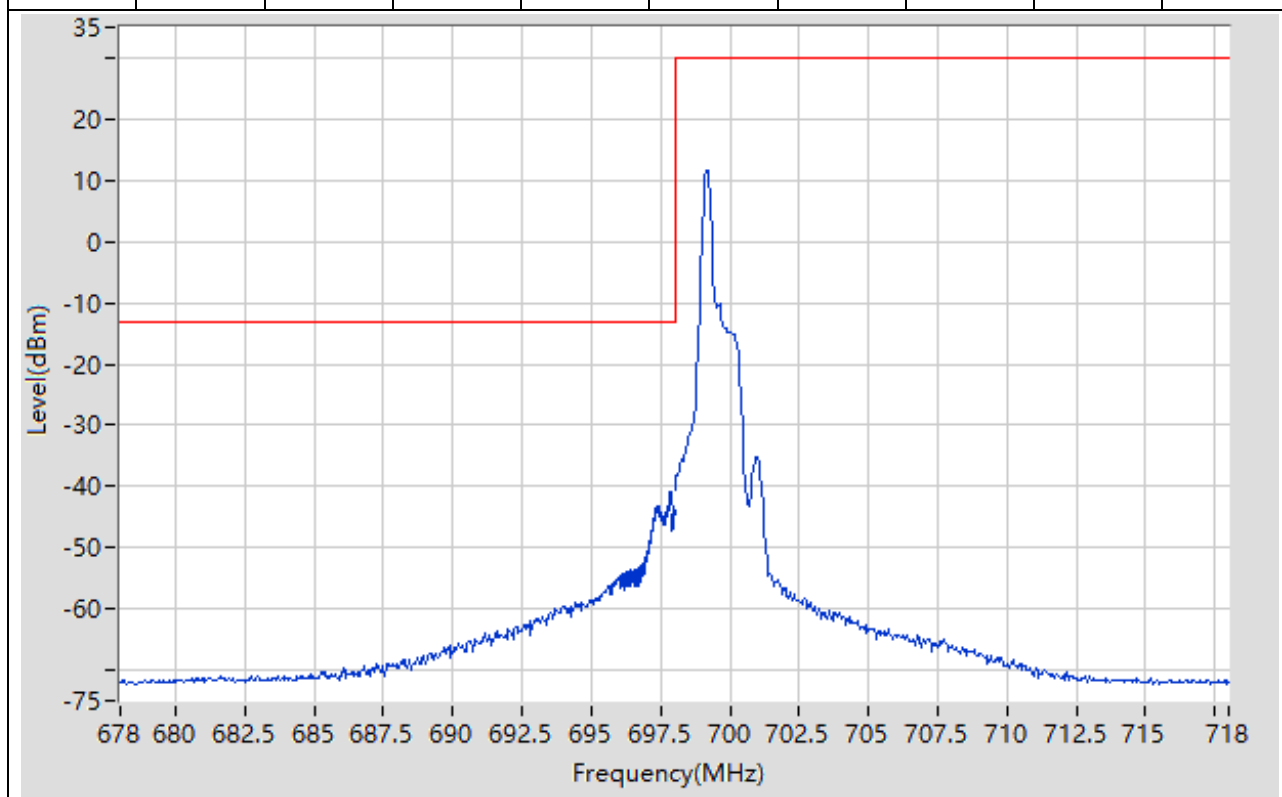
**13.10. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:10, Channel:134056, Bandwidth:10, Modulation:QPSK, NB Index:0, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 696             | -52.97      | -13         | 39.97       | Pass    | 401         |
| 696                   | 697.9                | 0.1       | RMS      | 697.891         | -37.56      | -13         | 24.56       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 698             | -38.31      | -13         | 25.31       | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 700.1           | 7.82        | 30          | 22.18       | Pass    | 401         |



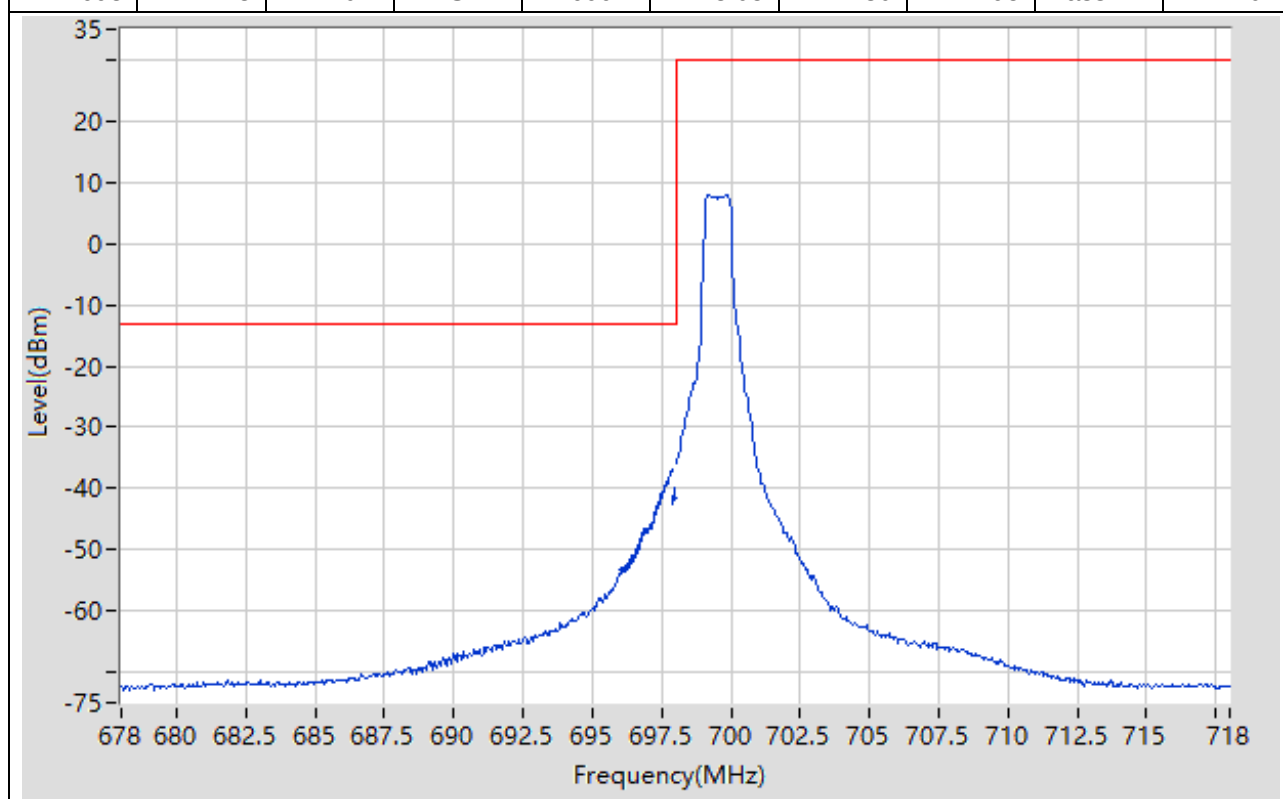
**13.11. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:11, Channel:134056, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:1, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 696             | -55.2       | -13         | 42.2        | Pass    | 401         |
| 696                   | 697.9                | 0.1       | RMS      | 697.891         | -41.03      | -13         | 28.03       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.989         | -43.4       | -13         | 30.4        | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 699.2           | 11.66       | 30          | 18.34       | Pass    | 401         |



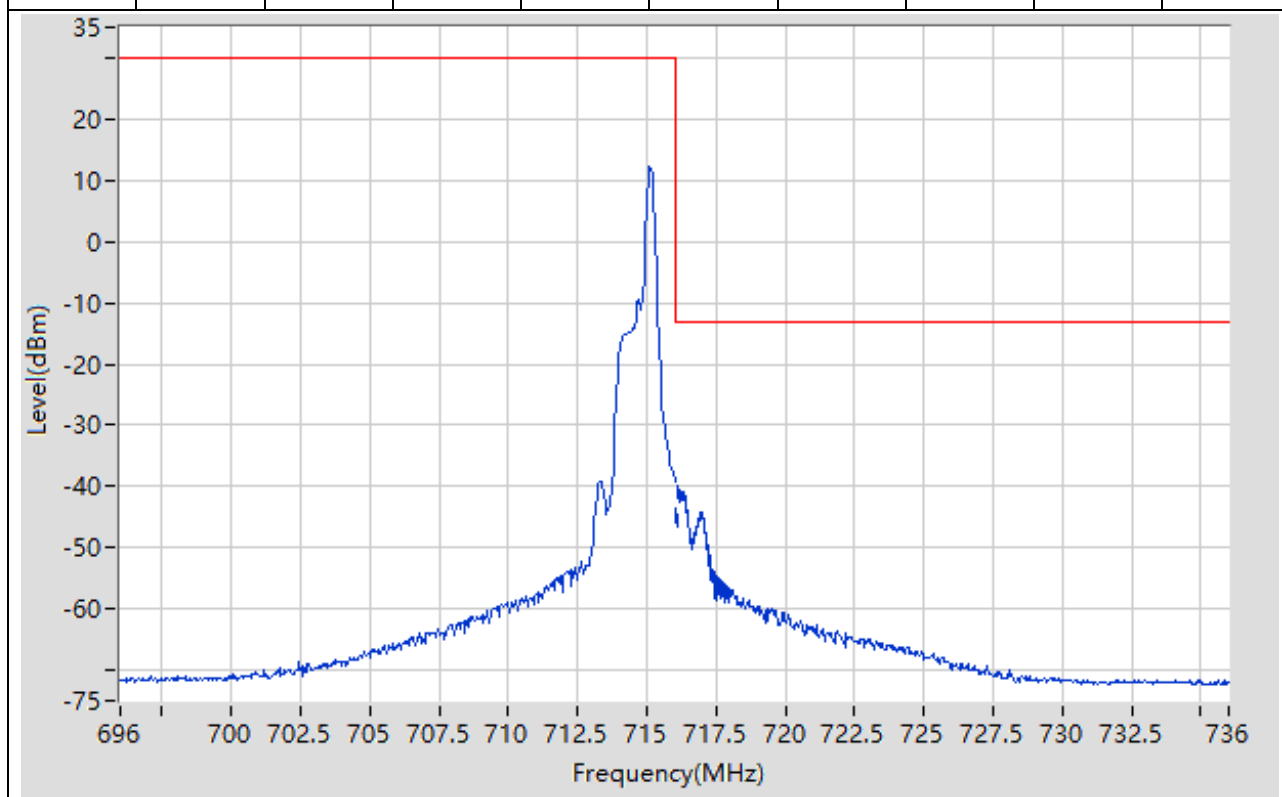
**13.12. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:12, Channel:134056, Bandwidth:10, Modulation:16QAM, NB Index:0, RB Number:5, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 678                   | 696                  | 0.1       | RMS      | 696             | -53.81      | -13         | 40.81       | Pass    | 401         |
| 696                   | 697.9                | 0.1       | RMS      | 697.9           | -36.75      | -13         | 23.75       | Pass    | 401         |
| 697.9                 | 698                  | 0.03      | RMS      | 697.954         | -39.99      | -13         | 26.99       | Pass    | 401         |
| 698                   | 718                  | 0.1       | RMS      | 699.2           | 8.05        | 30          | 21.95       | Pass    | 401         |



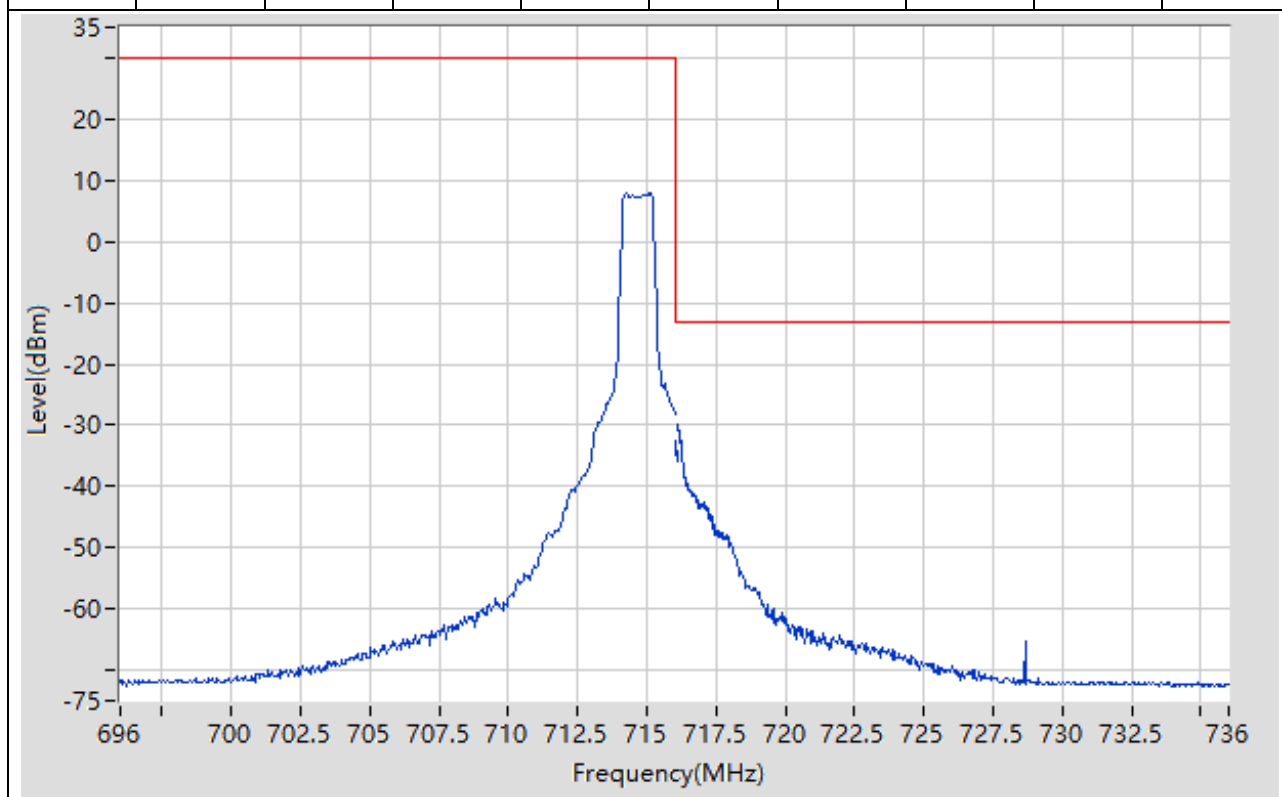
**13.13. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:13, Channel:134131, Bandwidth:10, Modulation:QPSK, NB Index:7, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.1           | 12.14       | 30          | 17.86       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.006         | -43.65      | -13         | 30.65       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -39.73      | -13         | 26.73       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718.045         | -56.91      | -13         | 43.91       | Pass    | 401         |



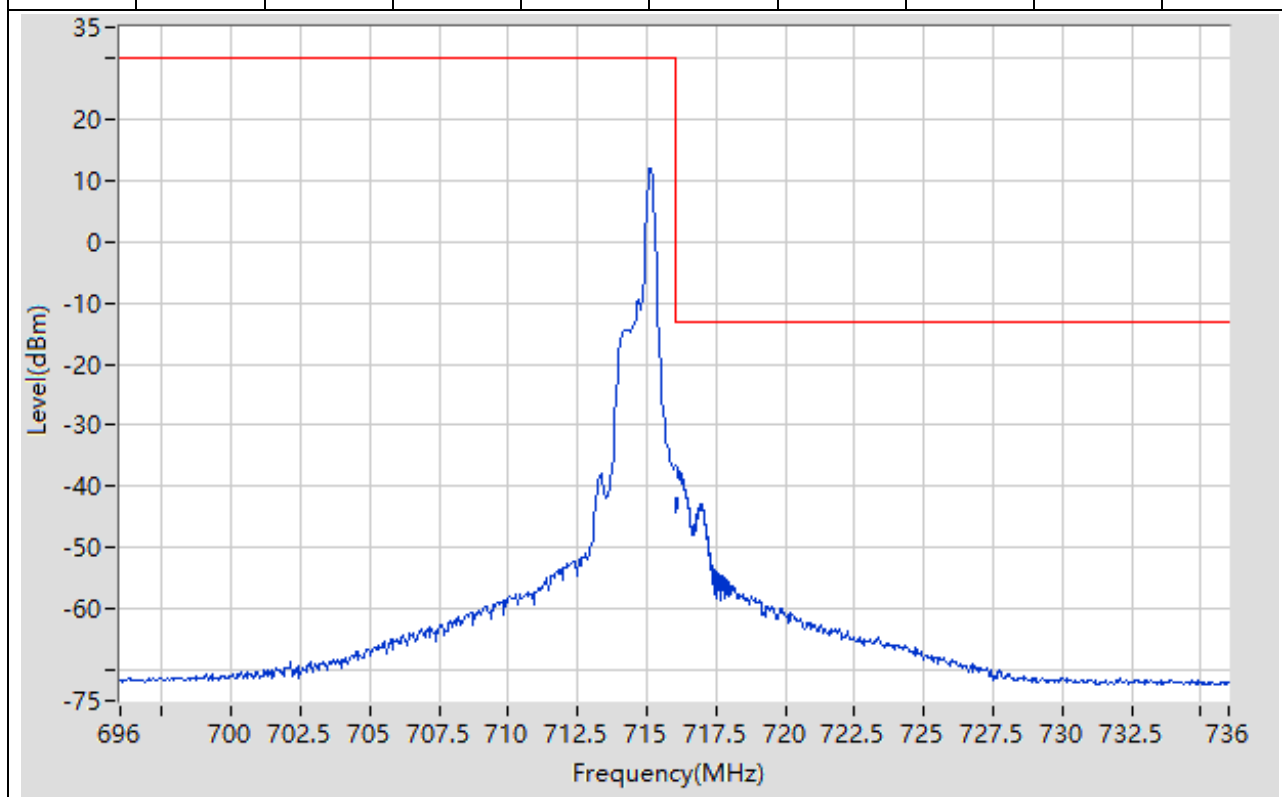
**13.14. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:14, Channel:134131, Bandwidth:10, Modulation:QPSK, NB Index:7, RB Number:6, RB Position:0)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.1           | 7.92        | 30          | 22.08       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.019         | -32.51      | -13         | 19.51       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.105         | -29.78      | -13         | 16.78       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718.045         | -49.35      | -13         | 36.35       | Pass    | 401         |



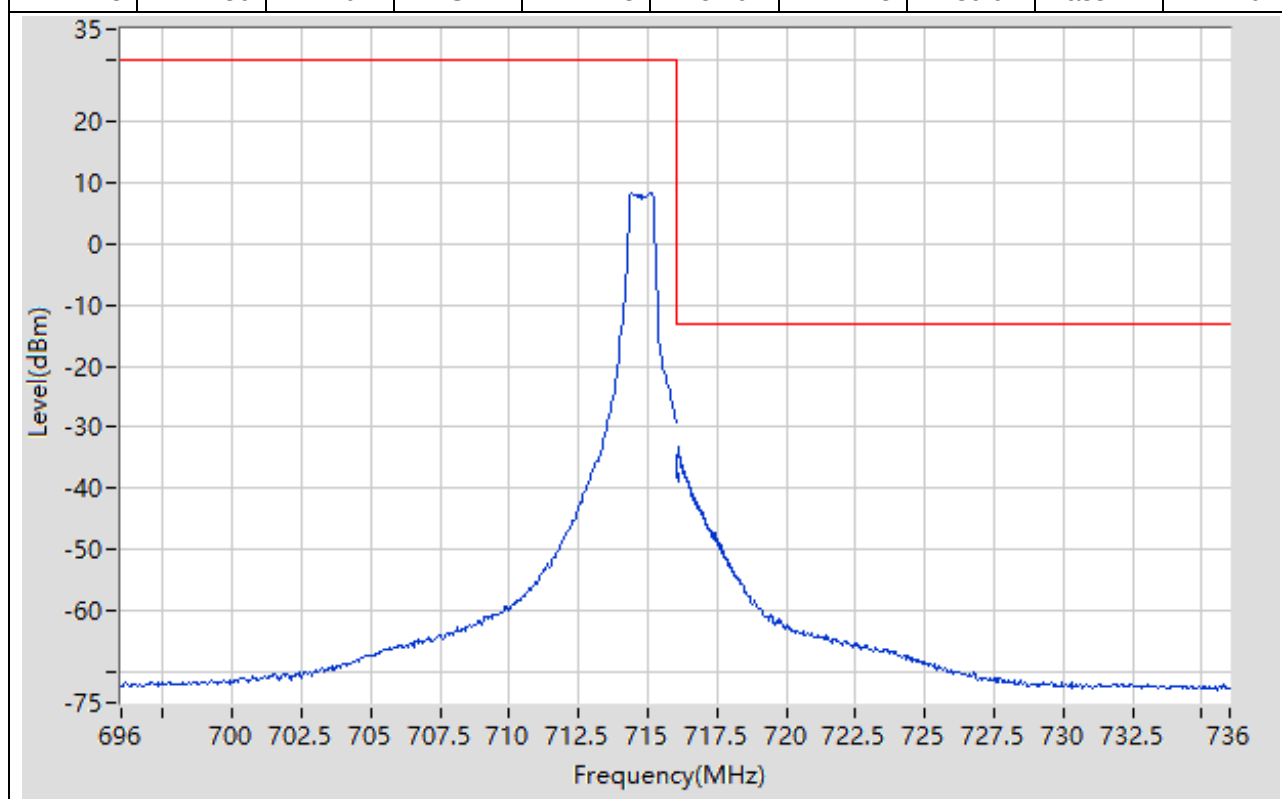
**13.15. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:15, Channel:134131, Bandwidth:10, Modulation:16QAM, NB Index:7, RB Number:1, RB Position:5)**

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.15          | 11.89       | 30          | 18.11       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.077         | -41.88      | -13         | 28.88       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -36.99      | -13         | 23.99       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718.135         | -56.41      | -13         | 43.41       | Pass    | 401         |



**13.16. Cat-M Band Edge\_Part22-24-27(NTNV)(Subtest:16, Channel:134131, Bandwidth:10, Modulation:16QAM, NB Index:7, RB Number:5, RB Position:1)**

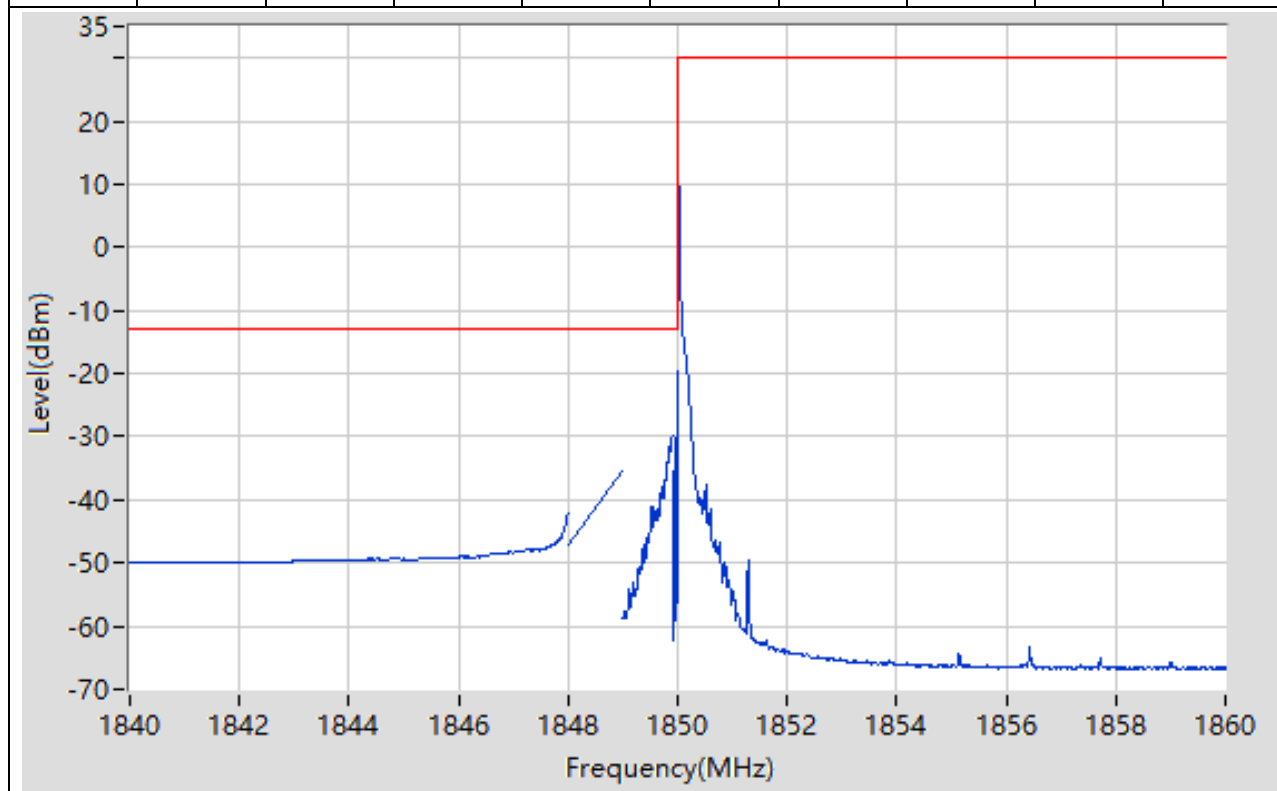
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 696                   | 716                  | 0.1       | RMS      | 715.1           | 8.27        | 30          | 21.73       | Pass    | 401         |
| 716                   | 716.1                | 0.03      | RMS      | 716.004         | -34.55      | -13         | 21.55       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -33.29      | -13         | 20.29       | Pass    | 401         |
| 718                   | 736                  | 0.1       | RMS      | 718             | -52.97      | -13         | 39.97       | Pass    | 401         |



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

### 14.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

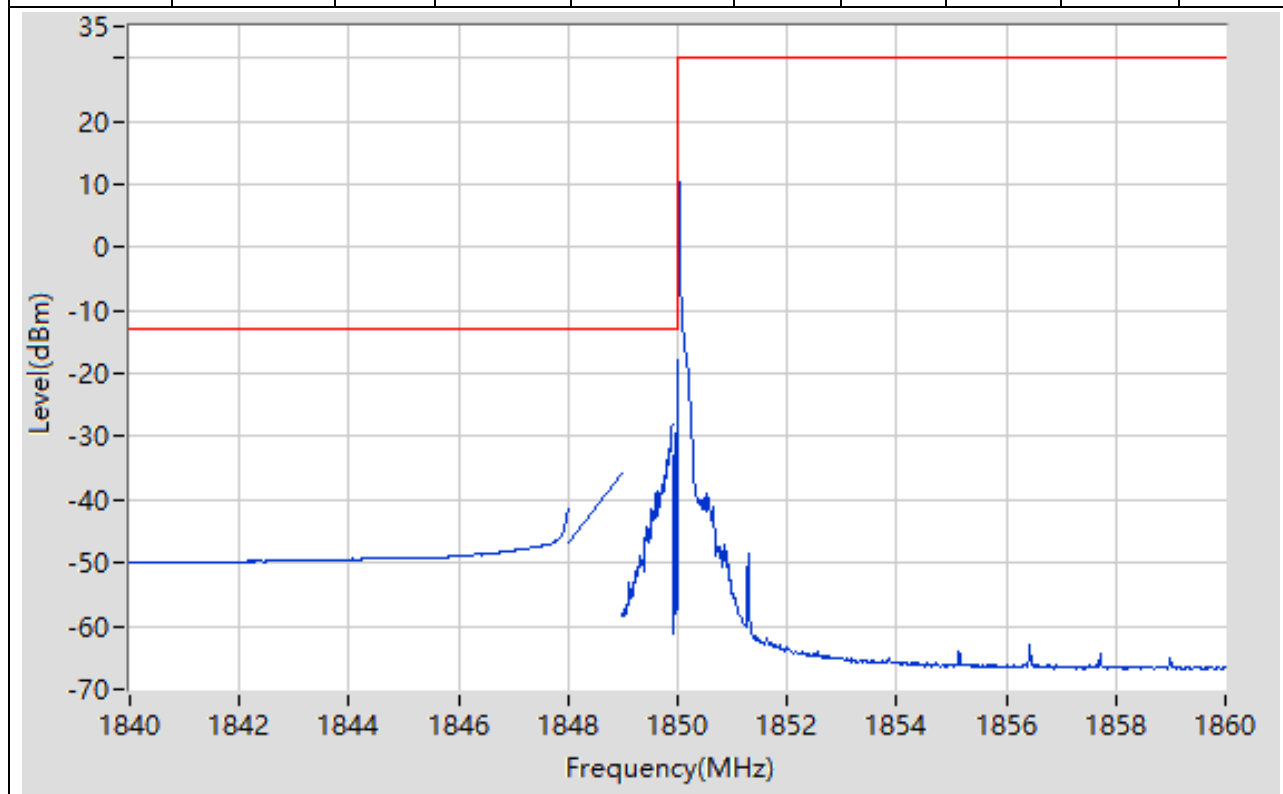
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -42.03      | -13         | 29.03       | Pass    | 401         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -35.63      | -13         | 22.63       | Pass    | 2           |
| 1849                  | 1849.9               | 0.02      | RMS      | 1849.9          | -29.7       | -13         | 16.7        | Pass    | 401         |
| 1849.9                | 1850                 | 0         | RMS      | 1849.999        | -19.72      | -13         | 6.72        | Pass    | 2565        |
| 1850                  | 1860                 | 0.02      | RMS      | 1850.02         | 16.65       | 30          | 13.35       | Pass    | 501         |



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

### 14.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

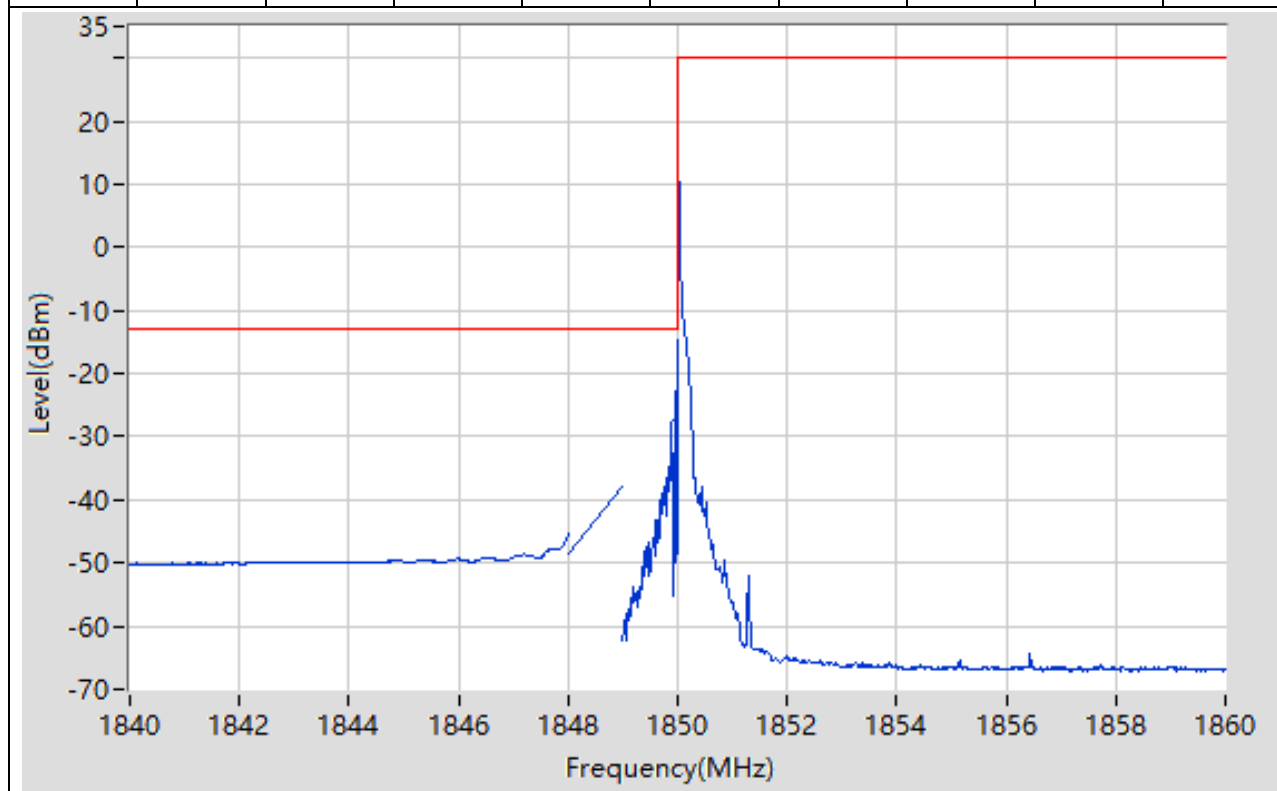
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -41.53      | -13         | 28.53       | Pass    | 401         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -35.81      | -13         | 22.81       | Pass    | 2           |
| 1849                  | 1849.9               | 0.02      | RMS      | 1849.9          | -28.16      | -13         | 15.16       | Pass    | 401         |
| 1849.9                | 1850                 | 0         | RMS      | 1849.999        | -17.99      | -13         | 4.99        | Pass    | 2565        |
| 1850                  | 1860                 | 0.02      | RMS      | 1850.02         | 17.6        | 30          | 12.4        | Pass    | 501         |



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

### 14.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

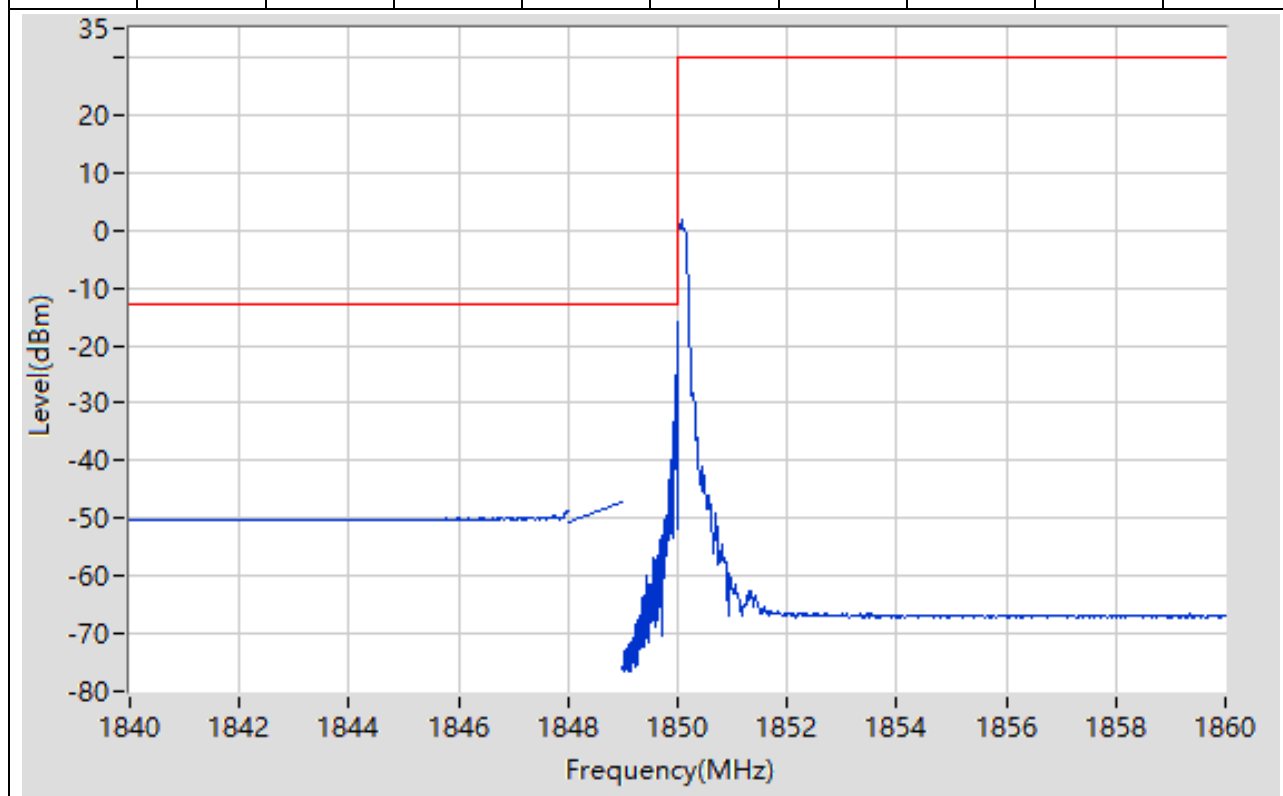
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -45.43      | -13         | 32.43       | Pass    | 401         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -37.81      | -13         | 24.81       | Pass    | 2           |
| 1849                  | 1849.9               | 0.02      | RMS      | 1849.9          | -27.3       | -13         | 14.3        | Pass    | 401         |
| 1849.9                | 1850                 | 0         | RMS      | 1849.998        | -14.66      | -13         | 1.66        | Pass    | 667         |
| 1850                  | 1860                 | 0.02      | RMS      | 1850.02         | 14.42       | 30          | 15.58       | Pass    | 501         |



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_12@0\_Low

### 14.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

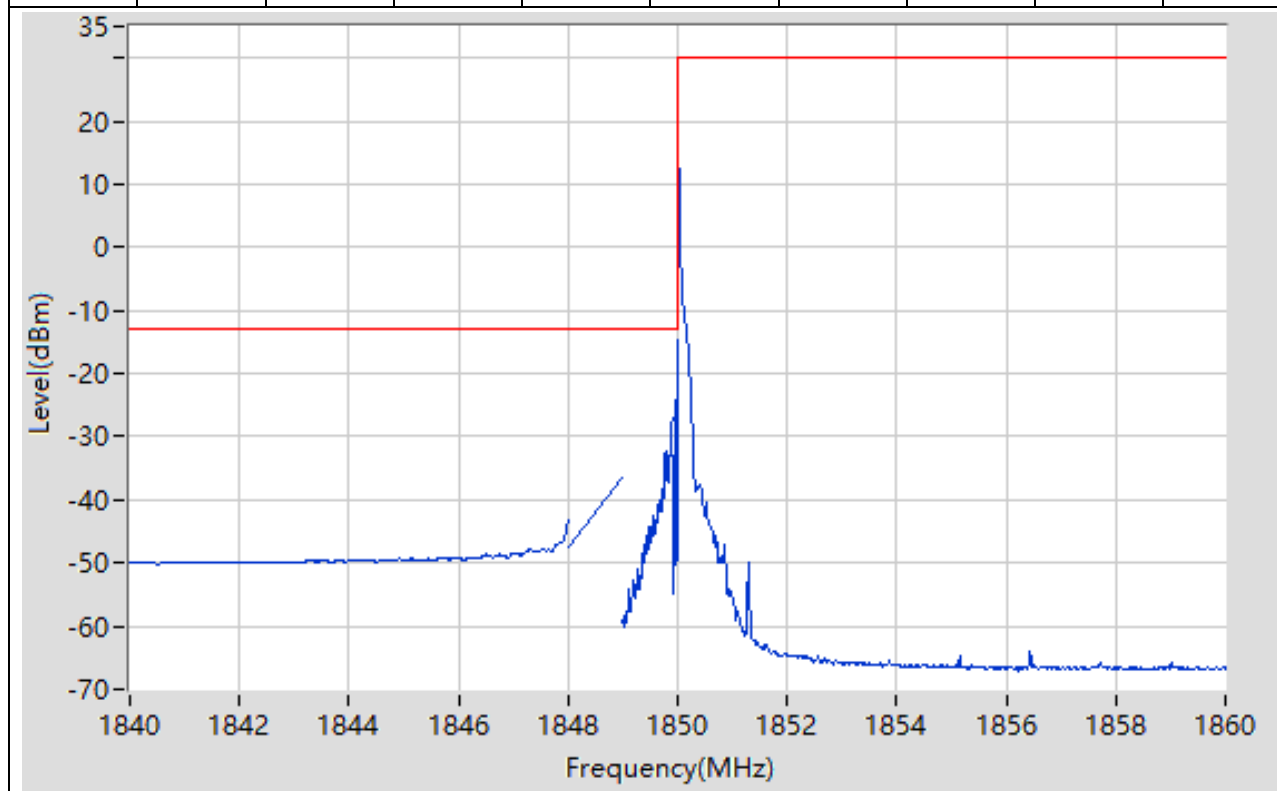
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1847.96         | -48.7       | -13         | 35.7        | Pass    | 401         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -47.21      | -13         | 34.21       | Pass    | 2           |
| 1849                  | 1849.994             | 0.002     | RMS      | 1849.984        | -23.76      | -13         | 10.76       | Pass    | 497         |
| 1849.994              | 1850                 | 0.002     | RMS      | 1850            | -15.84      | -13         | 2.84        | Pass    | 401         |
| 1850                  | 1860                 | 0.02      | RMS      | 1850.08         | 1.67        | 30          | 28.33       | Pass    | 501         |



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

### 14.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

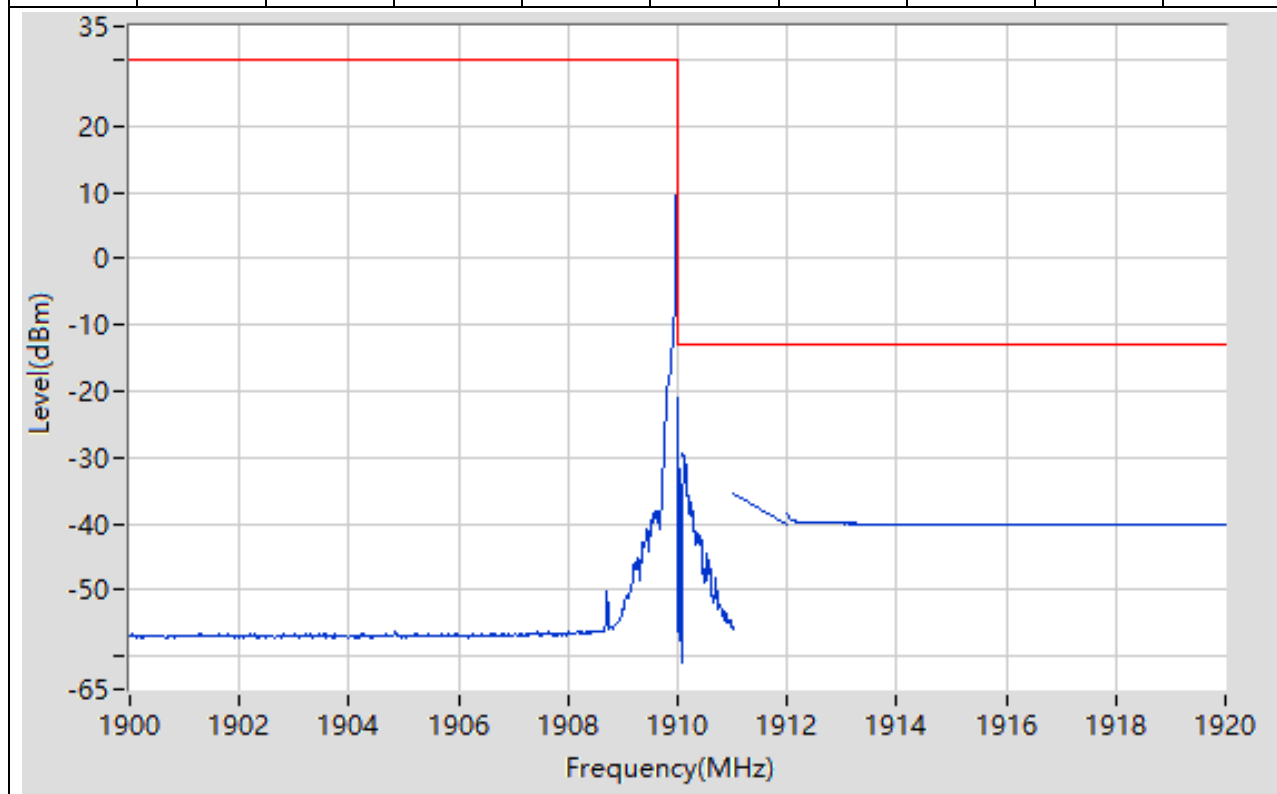
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -43.16      | -13         | 30.16       | Pass    | 401         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -36.69      | -13         | 23.69       | Pass    | 2           |
| 1849                  | 1849.9               | 0.02      | RMS      | 1849.9          | -27.13      | -13         | 14.13       | Pass    | 401         |
| 1849.9                | 1850                 | 0         | RMS      | 1849.998        | -14.59      | -13         | 1.59        | Pass    | 667         |
| 1850                  | 1860                 | 0.02      | RMS      | 1850.02         | 16.56       | 30          | 13.44       | Pass    | 501         |



## 14. NB-IoT\_Band2\_QPSK\_3.75kHz\_1@47\_High

### 14.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

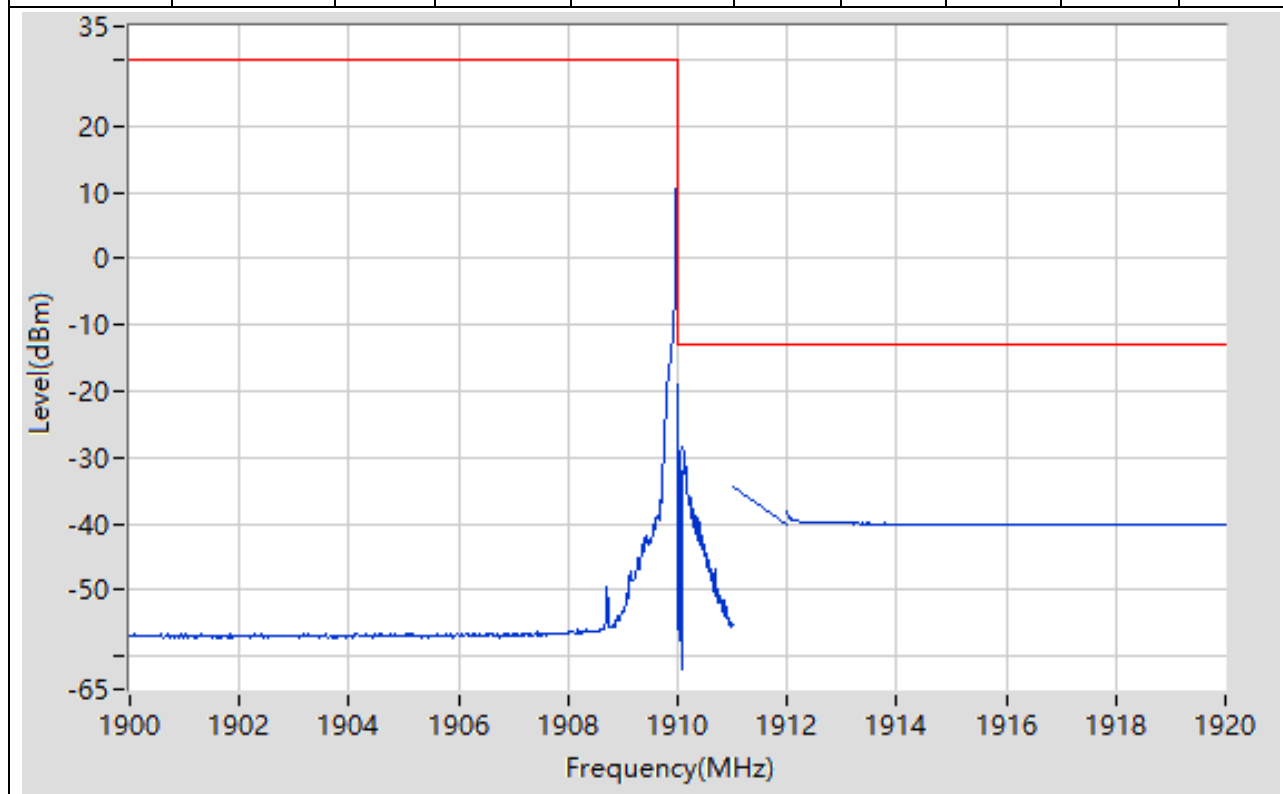
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.02      | RMS      | 1909.98         | 16.32       | 30          | 13.68       | Pass    | 501         |
| 1910                  | 1910.1               | 0         | RMS      | 1910.001        | -21.2       | -13         | 8.2         | Pass    | 2565        |
| 1910.1                | 1911                 | 0.02      | RMS      | 1910.1          | -29.42      | -13         | 16.42       | Pass    | 401         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -35.49      | -13         | 22.49       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -38.53      | -13         | 25.53       | Pass    | 401         |



## 14. NB-IoT\_Band2\_BPSK\_3.75kHz\_1@47\_High

### 14.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

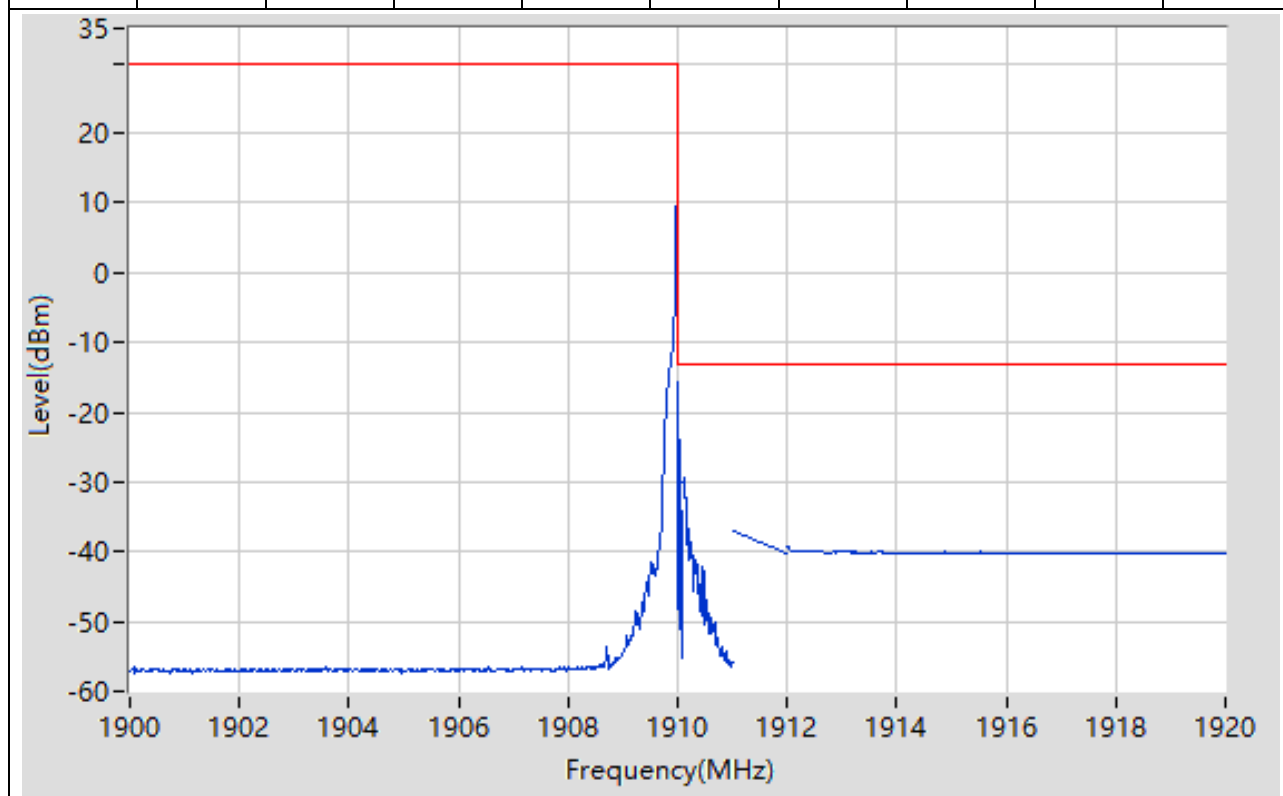
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.02      | RMS      | 1909.98         | 17.07       | 30          | 12.93       | Pass    | 501         |
| 1910                  | 1910.1               | 0         | RMS      | 1910            | -18.92      | -13         | 5.92        | Pass    | 2565        |
| 1910.1                | 1911                 | 0.02      | RMS      | 1910.1          | -28.39      | -13         | 15.39       | Pass    | 401         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -34.49      | -13         | 21.49       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -38.31      | -13         | 25.31       | Pass    | 401         |



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_1@11\_High

### 14.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

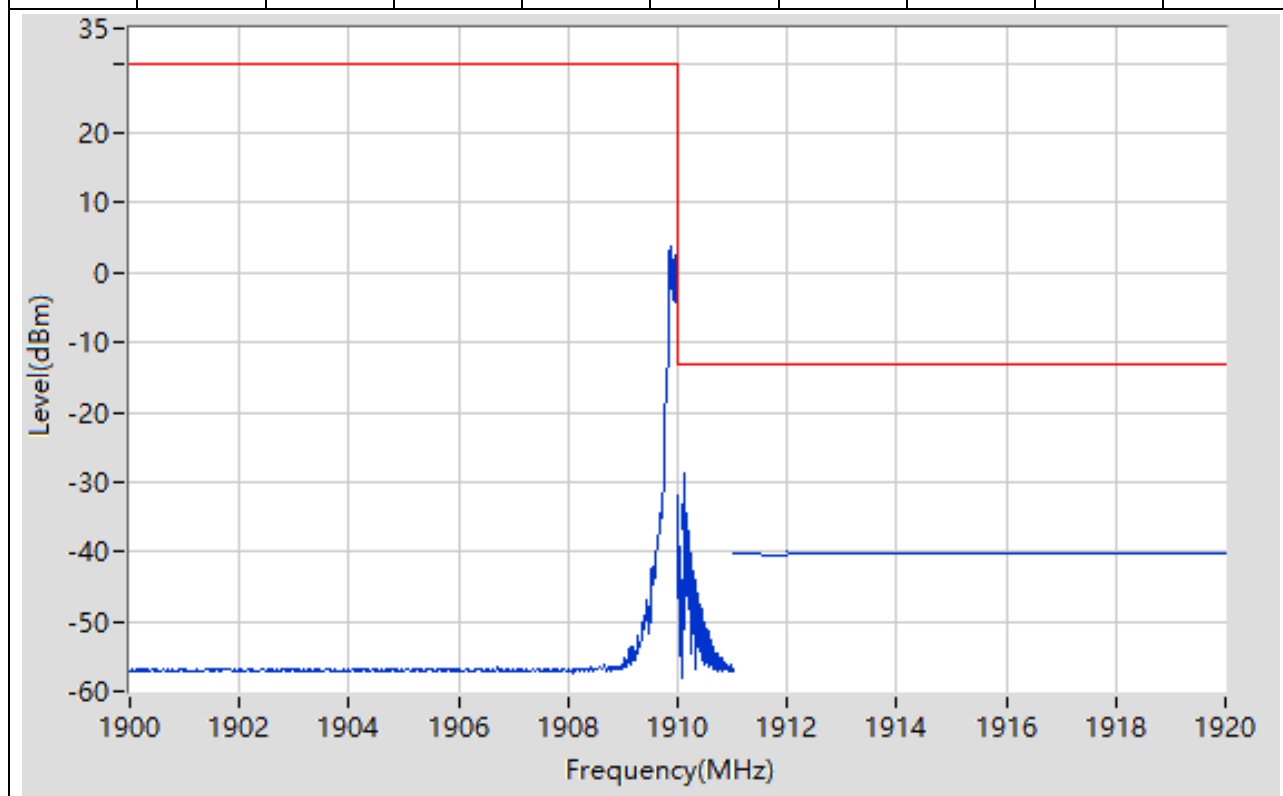
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.02      | RMS      | 1909.98         | 12.99       | 30          | 17.01       | Pass    | 501         |
| 1910                  | 1910.1               | 0         | RMS      | 1910.001        | -15.69      | -13         | 2.69        | Pass    | 667         |
| 1910.1                | 1911                 | 0.02      | RMS      | 1910.107        | -29.49      | -13         | 16.49       | Pass    | 401         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -36.89      | -13         | 23.89       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -39.16      | -13         | 26.16       | Pass    | 401         |



## 14. NB-IoT\_Band2\_QPSK\_15kHz\_12@0\_High

### 14.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

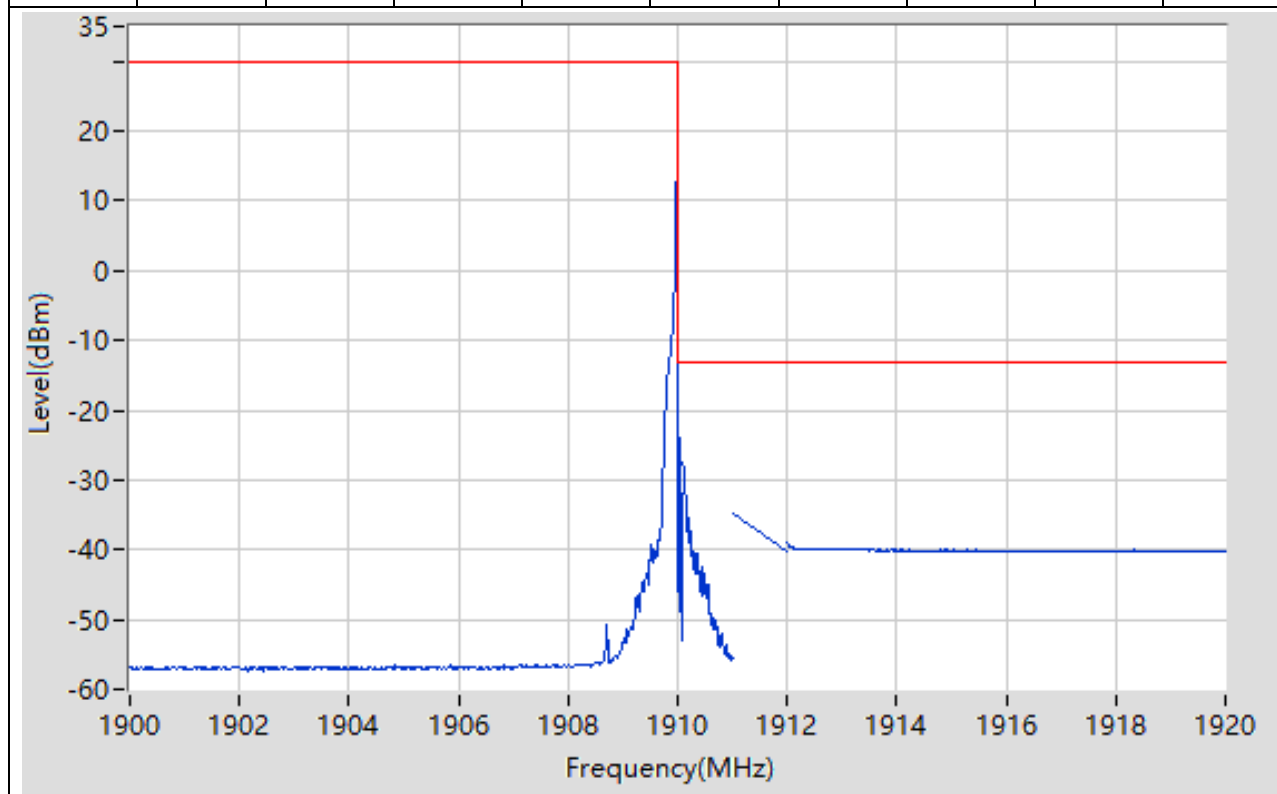
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.02      | RMS      | 1909.86         | 3.88        | 30          | 26.12       | Pass    | 501         |
| 1910                  | 1910.1               | 0         | RMS      | 1910.002        | -31.81      | -13         | 18.81       | Pass    | 667         |
| 1910.1                | 1911                 | 0.02      | RMS      | 1910.107        | -28.81      | -13         | 15.81       | Pass    | 401         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -40.26      | -13         | 27.26       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -40.02      | -13         | 27.02       | Pass    | 401         |



## 14. NB-IoT\_Band2\_BPSK\_15kHz\_1@11\_High

### 14.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

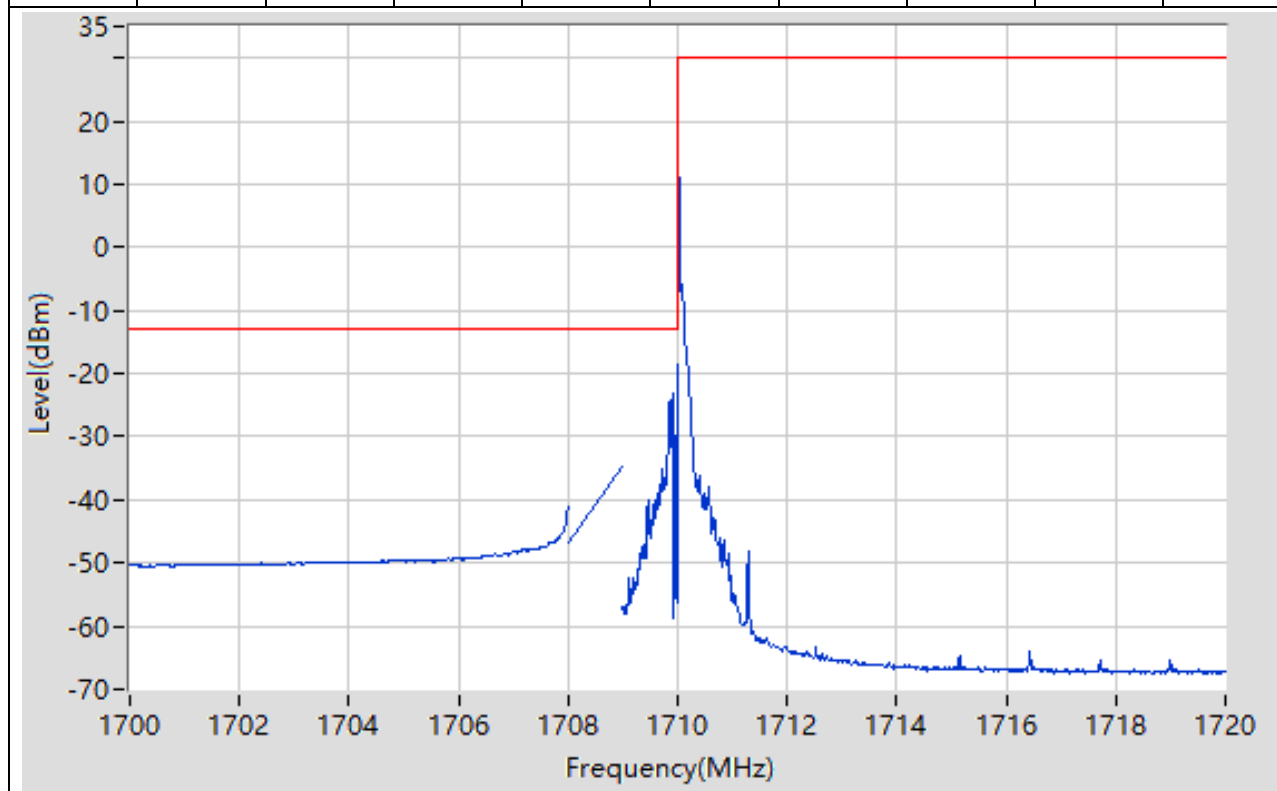
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1900                  | 1910                 | 0.02      | RMS      | 1909.98         | 16.34       | 30          | 13.66       | Pass    | 501         |
| 1910                  | 1910.1               | 0         | RMS      | 1910.001        | -13.43      | -13         | 0.43        | Pass    | 667         |
| 1910.1                | 1911                 | 0.02      | RMS      | 1910.1          | -27.45      | -13         | 14.45       | Pass    | 401         |
| 1911                  | 1912                 | 1         | RMS      | 1911            | -34.75      | -13         | 21.75       | Pass    | 2           |
| 1912                  | 1920                 | 1         | RMS      | 1912            | -39.05      | -13         | 26.05       | Pass    | 401         |



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

### 15.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

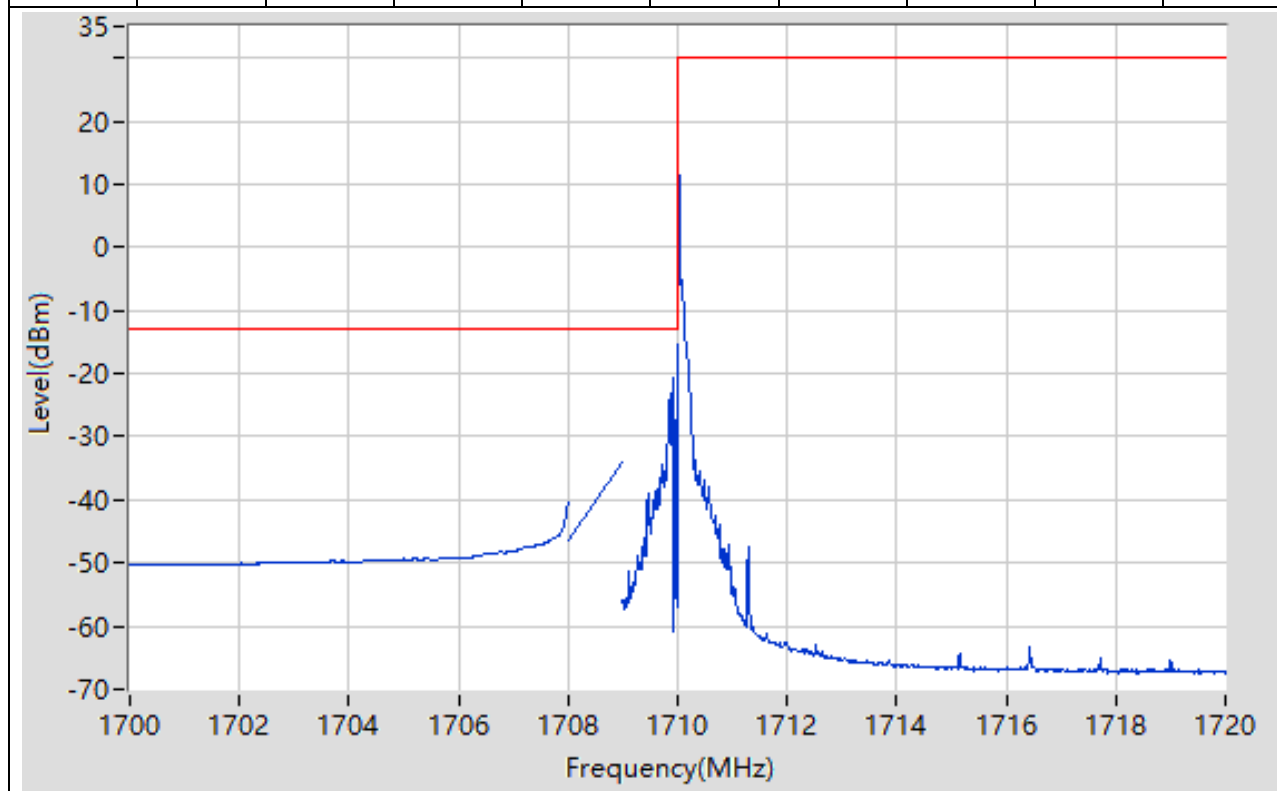
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -41.27      | -13         | 28.27       | Pass    | 401         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -34.62      | -13         | 21.62       | Pass    | 2           |
| 1709                  | 1709.9               | 0.02      | RMS      | 1709.9          | -23.07      | -13         | 10.07       | Pass    | 401         |
| 1709.9                | 1710                 | 0         | RMS      | 1709.999        | -18.54      | -13         | 5.54        | Pass    | 2565        |
| 1710                  | 1720                 | 0.02      | RMS      | 1710.02         | 18.03       | 30          | 11.97       | Pass    | 501         |



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

### 15.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

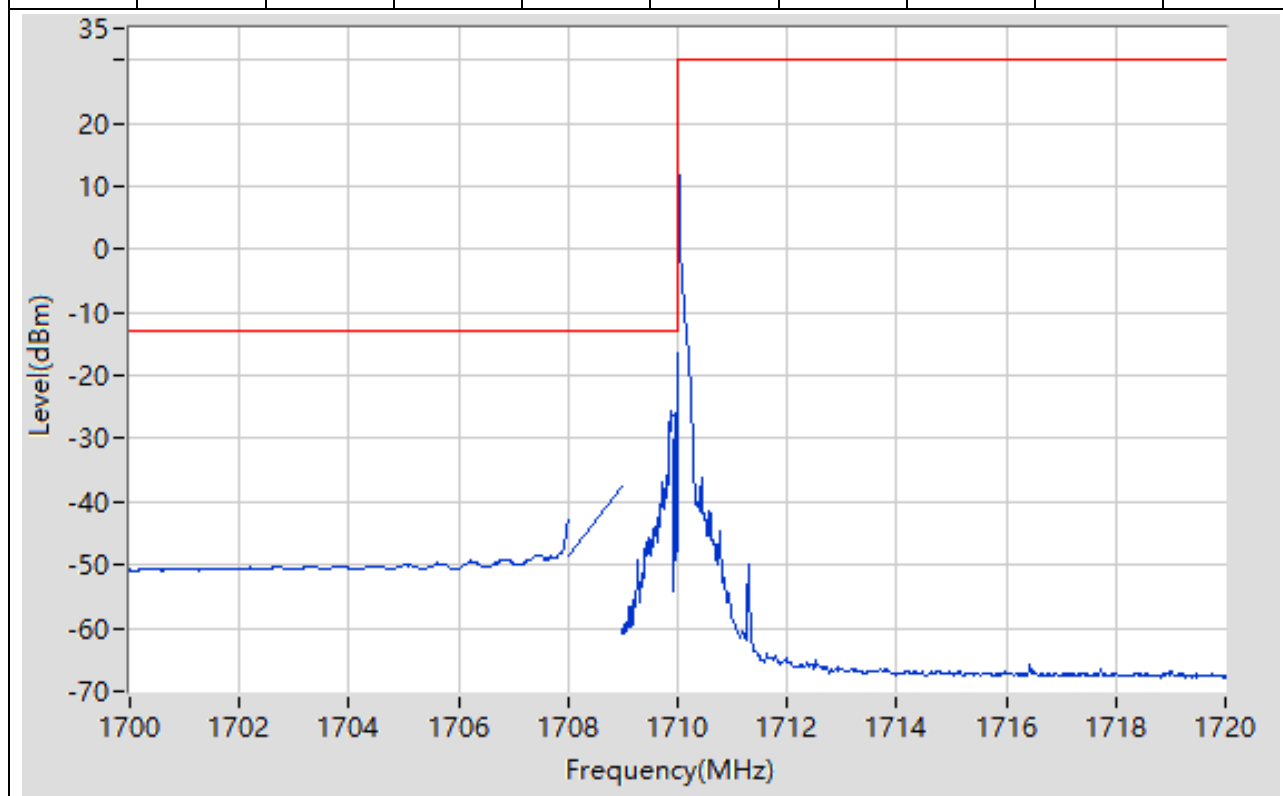
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -40.38      | -13         | 27.38       | Pass    | 401         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -34         | -13         | 21          | Pass    | 2           |
| 1709                  | 1709.9               | 0.02      | RMS      | 1709.9          | -22.17      | -13         | 9.17        | Pass    | 401         |
| 1709.9                | 1710                 | 0         | RMS      | 1709.999        | -15.43      | -13         | 2.43        | Pass    | 2565        |
| 1710                  | 1720                 | 0.02      | RMS      | 1710.02         | 18.67       | 30          | 11.33       | Pass    | 501         |



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

### 15.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

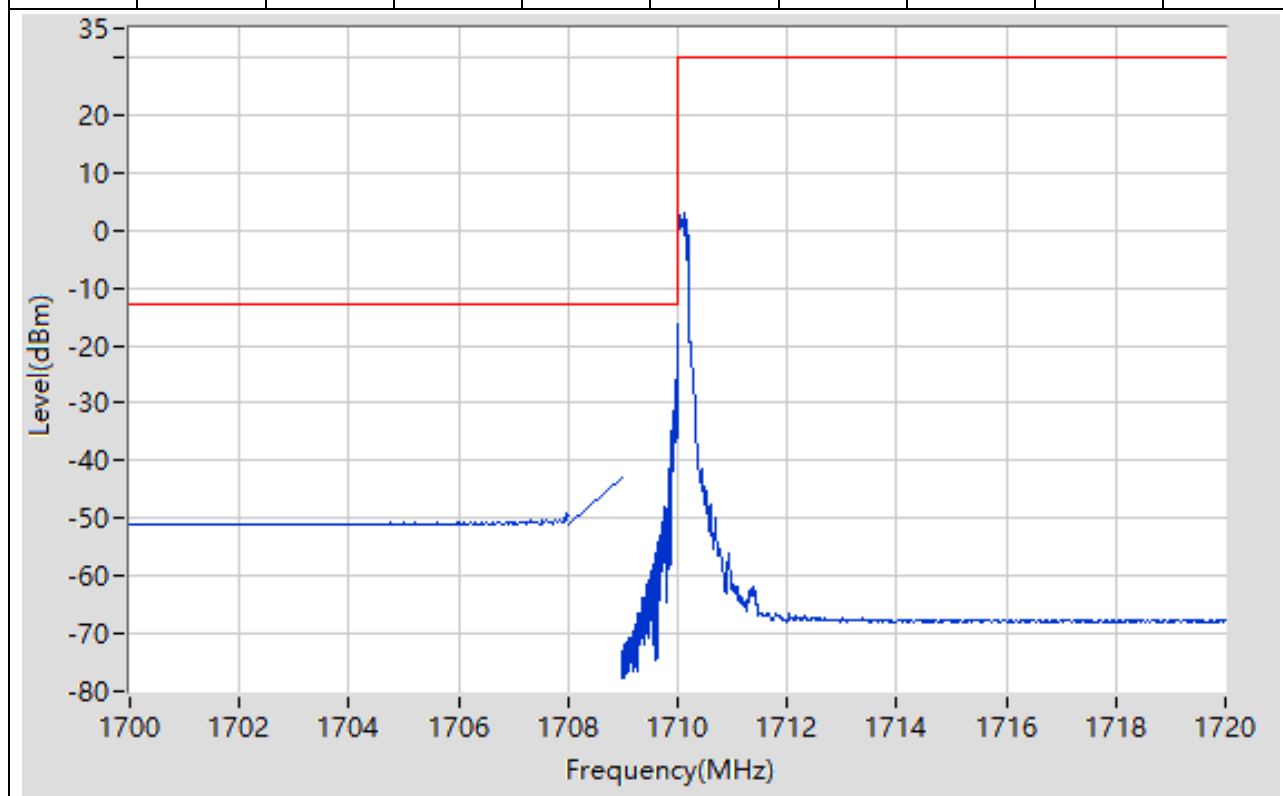
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -42.78      | -13         | 29.78       | Pass    | 401         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -37.46      | -13         | 24.46       | Pass    | 2           |
| 1709                  | 1709.9               | 0.02      | RMS      | 1709.871        | -25.67      | -13         | 12.67       | Pass    | 401         |
| 1709.9                | 1710                 | 0         | RMS      | 1709.996        | -16.38      | -13         | 3.38        | Pass    | 667         |
| 1710                  | 1720                 | 0.02      | RMS      | 1710.02         | 15.52       | 30          | 14.48       | Pass    | 501         |



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_12@0\_Low

### 15.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

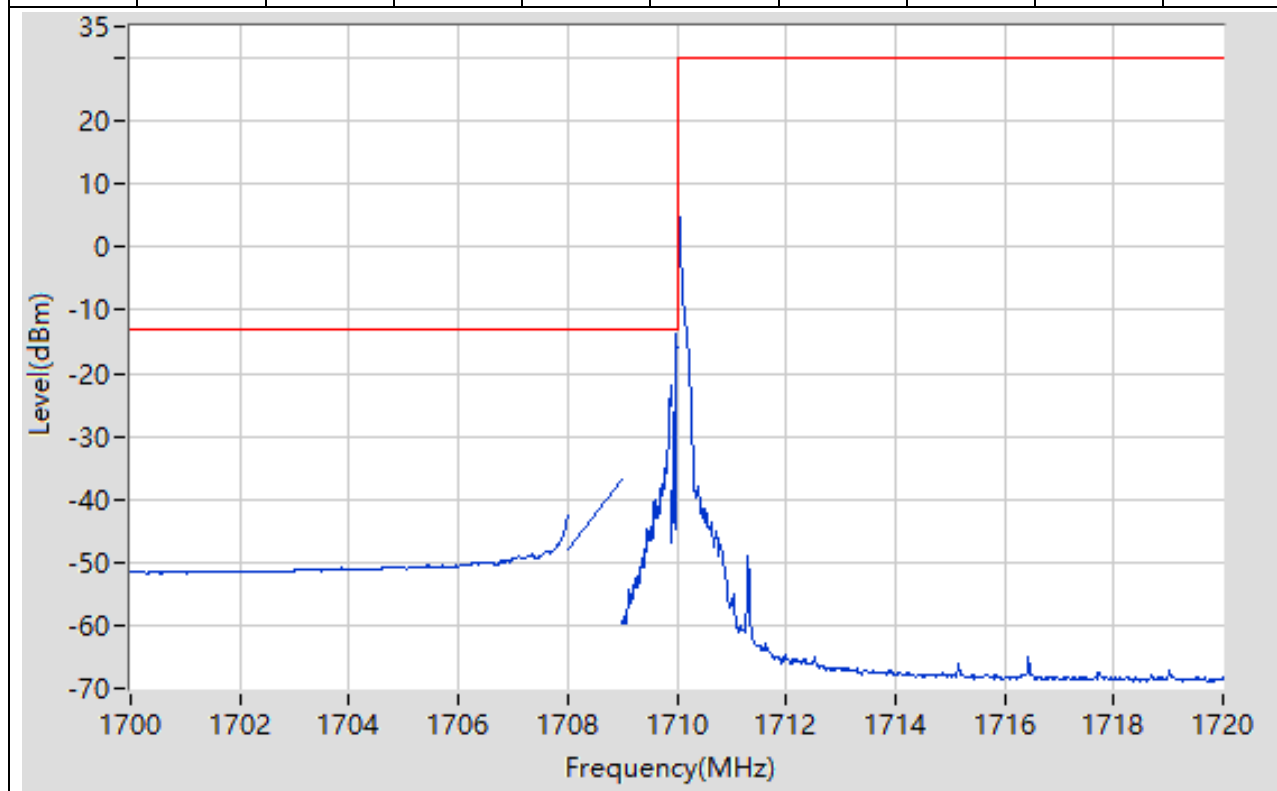
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1707.98         | -49.29      | -13         | 36.29       | Pass    | 401         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -42.95      | -13         | 29.95       | Pass    | 2           |
| 1709                  | 1709.994             | 0.002     | RMS      | 1709.994        | -20.47      | -13         | 7.47        | Pass    | 497         |
| 1709.994              | 1710                 | 0.002     | RMS      | 1710            | -16.31      | -13         | 3.31        | Pass    | 401         |
| 1710                  | 1720                 | 0.02      | RMS      | 1710.14         | 3.02        | 30          | 26.98       | Pass    | 501         |



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

### 15.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

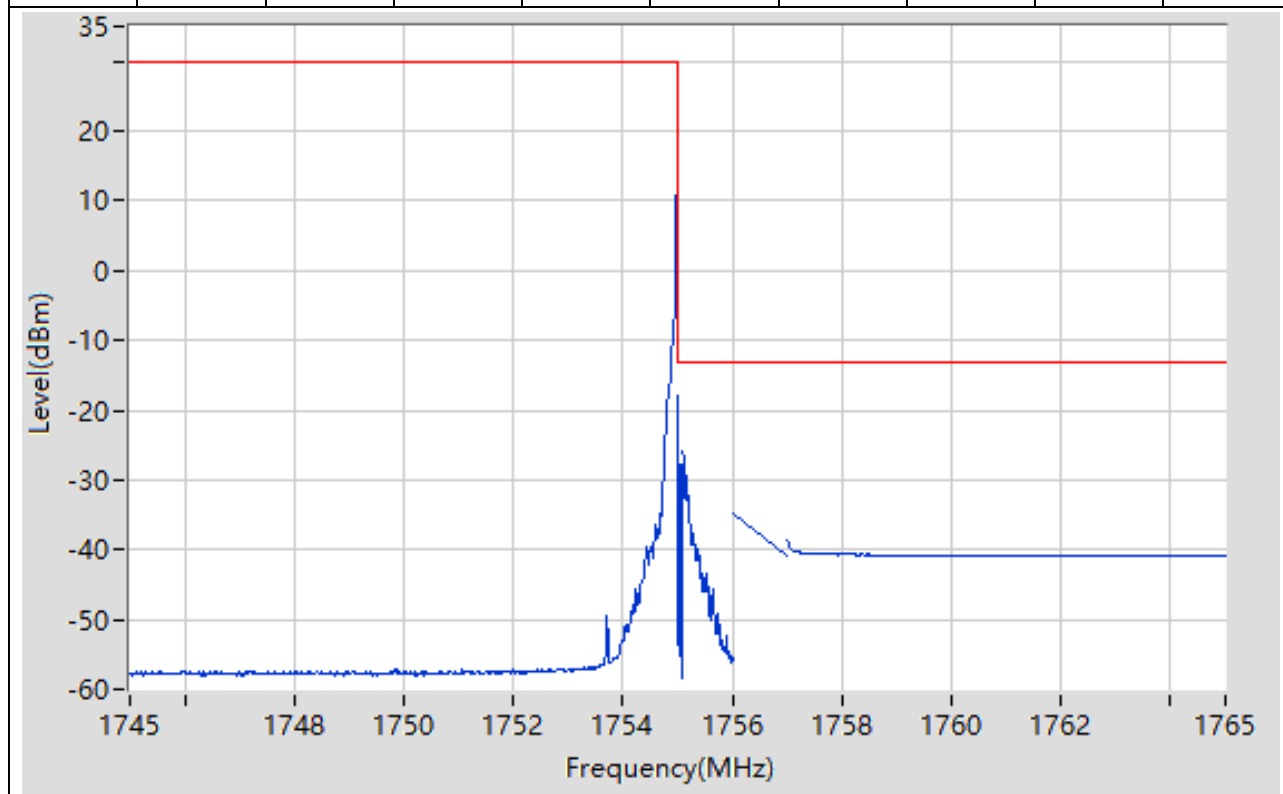
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1700                  | 1708                 | 1         | RMS      | 1708            | -42.74      | -13         | 29.74       | Pass    | 401         |
| 1708                  | 1709                 | 1         | RMS      | 1709            | -36.73      | -13         | 23.73       | Pass    | 2           |
| 1709                  | 1709.9               | 0.02      | RMS      | 1709.9          | -22.07      | -13         | 9.07        | Pass    | 401         |
| 1709.9                | 1710                 | 0.00015   | RMS      | 1709.998        | -13.67      | -13         | 0.67        | Pass    | 667         |
| 1710                  | 1720                 | 0.02      | RMS      | 1710.02         | 17.46       | 30          | 12.54       | Pass    | 501         |



## 15. NB-IoT\_Band4\_QPSK\_3.75kHz\_1@47\_High

### 15.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

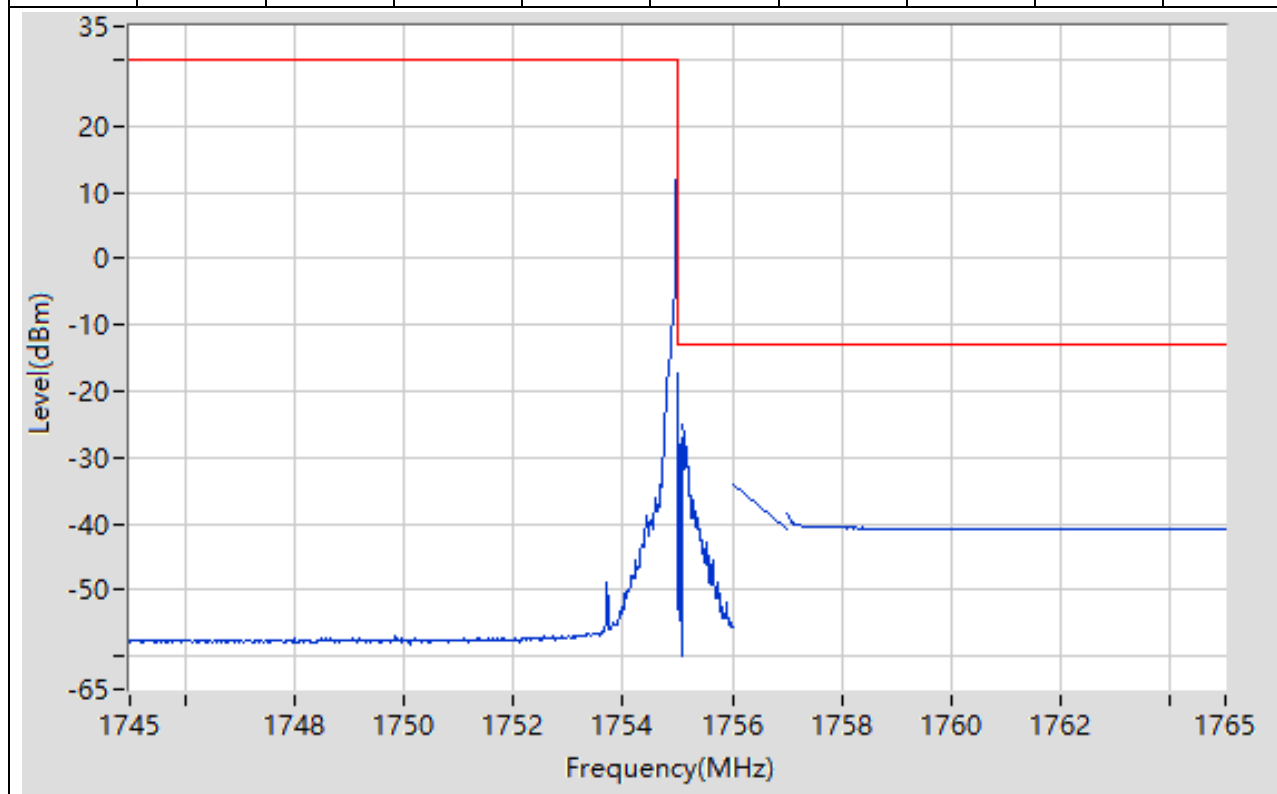
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1745                  | 1755                 | 0.02      | RMS      | 1754.98         | 17.71       | 30          | 12.29       | Pass    | 501         |
| 1755                  | 1755.1               | 0         | RMS      | 1755.001        | -17.98      | -13         | 4.98        | Pass    | 1961        |
| 1755.1                | 1756                 | 0.02      | RMS      | 1755.1          | -25.88      | -13         | 12.88       | Pass    | 401         |
| 1756                  | 1757                 | 1         | RMS      | 1756            | -34.82      | -13         | 21.82       | Pass    | 2           |
| 1757                  | 1765                 | 1         | RMS      | 1757            | -38.5       | -13         | 25.5        | Pass    | 401         |



## 15. NB-IoT\_Band4\_BPSK\_3.75kHz\_1@47\_High

### 15.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

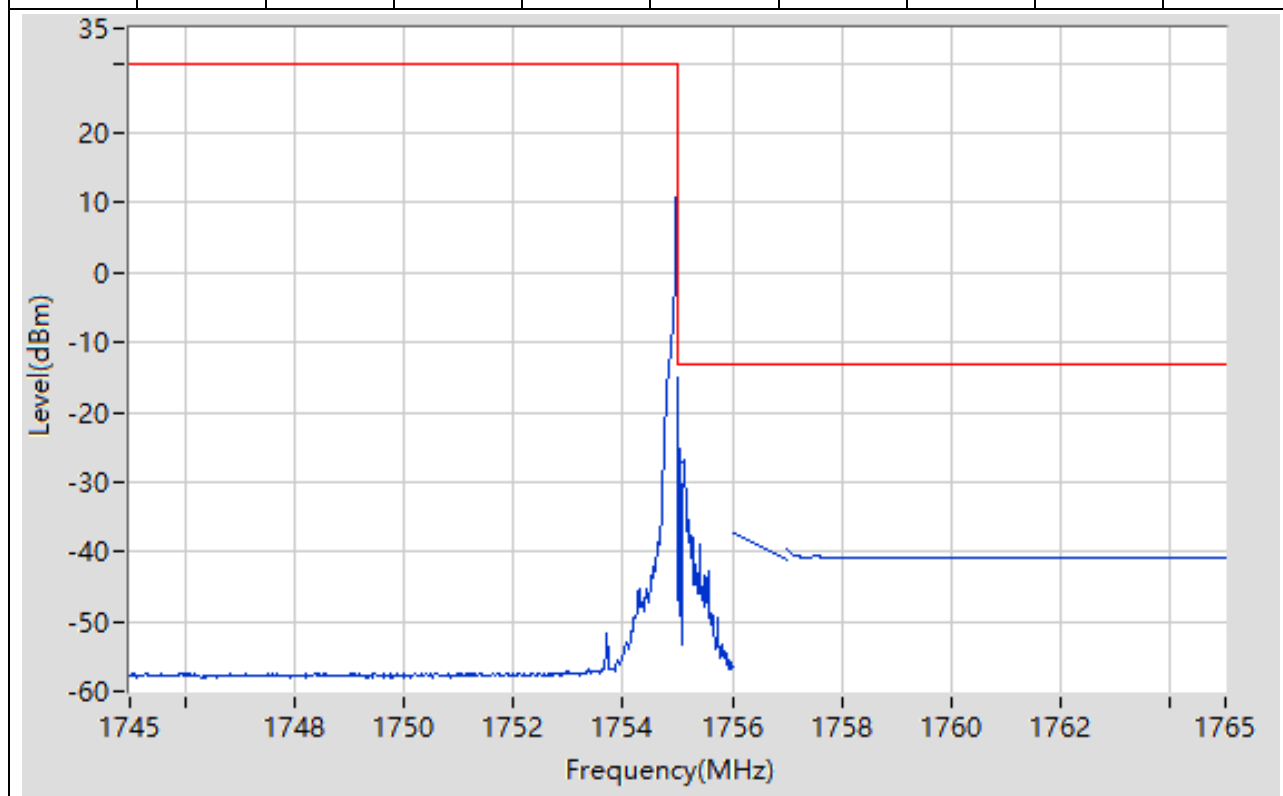
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1745                  | 1755                 | 0.02      | RMS      | 1754.98         | 18.44       | 30          | 11.56       | Pass    | 501         |
| 1755                  | 1755.1               | 0         | RMS      | 1755.001        | -17.32      | -13         | 4.32        | Pass    | 1961        |
| 1755.1                | 1756                 | 0.02      | RMS      | 1755.1          | -25.22      | -13         | 12.22       | Pass    | 401         |
| 1756                  | 1757                 | 1         | RMS      | 1756            | -34.03      | -13         | 21.03       | Pass    | 2           |
| 1757                  | 1765                 | 1         | RMS      | 1757            | -38.36      | -13         | 25.36       | Pass    | 401         |



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_1@11\_High

### 15.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

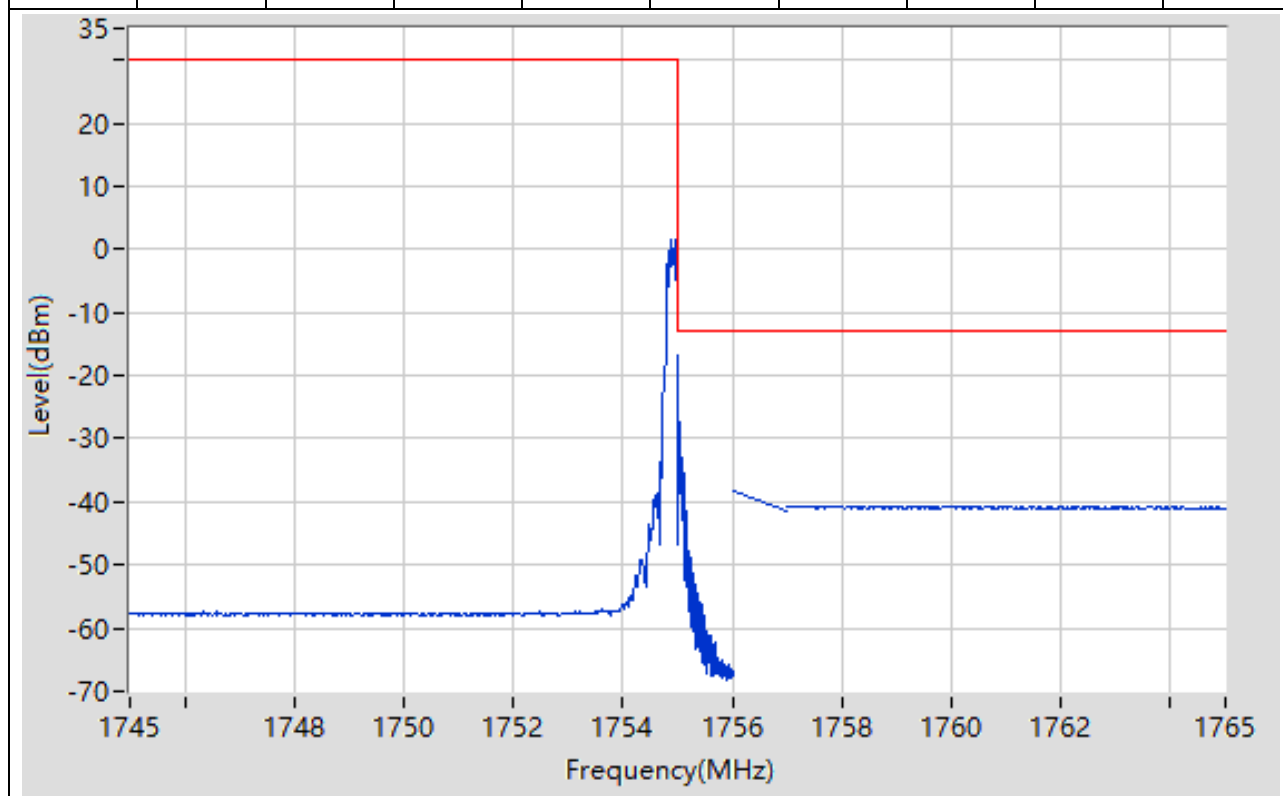
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1745                  | 1755                 | 0.02      | RMS      | 1754.98         | 14.41       | 30          | 15.59       | Pass    | 501         |
| 1755                  | 1755.1               | 0         | RMS      | 1755.003        | -15.14      | -13         | 2.14        | Pass    | 667         |
| 1755.1                | 1756                 | 0.02      | RMS      | 1755.102        | -26.99      | -13         | 13.99       | Pass    | 401         |
| 1756                  | 1757                 | 1         | RMS      | 1756            | -37.32      | -13         | 24.32       | Pass    | 2           |
| 1757                  | 1765                 | 1         | RMS      | 1757            | -39.48      | -13         | 26.48       | Pass    | 401         |



## 15. NB-IoT\_Band4\_QPSK\_15kHz\_12@0\_High

### 15.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

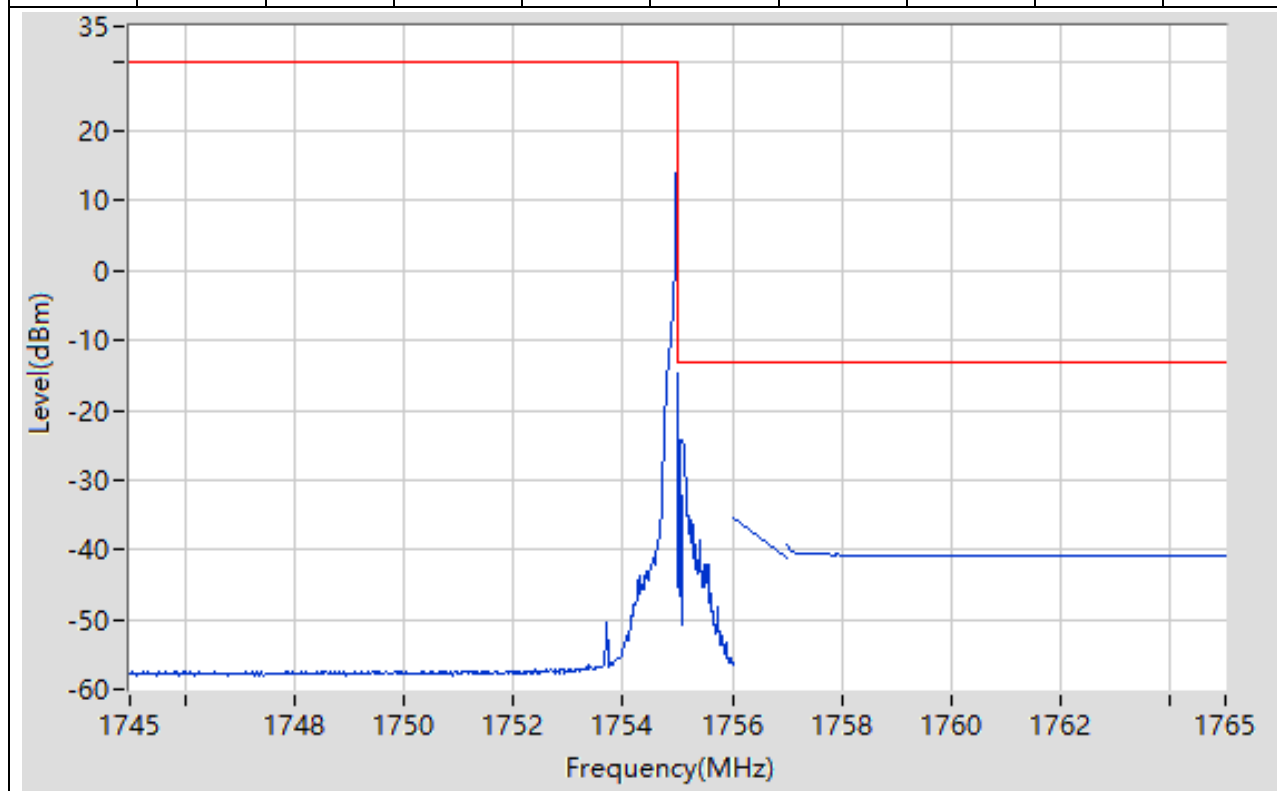
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1745                  | 1755                 | 0.02      | RMS      | 1754.98         | 2.57        | 30          | 27.43       | Pass    | 501         |
| 1755                  | 1755.006             | 0.002     | RMS      | 1755.004        | -16.88      | -13         | 3.88        | Pass    | 401         |
| 1755.006              | 1756                 | 0.002     | RMS      | 1755.006        | -22.65      | -13         | 9.65        | Pass    | 497         |
| 1756                  | 1757                 | 1         | RMS      | 1756            | -38.27      | -13         | 25.27       | Pass    | 2           |
| 1757                  | 1765                 | 1         | RMS      | 1757            | -40.71      | -13         | 27.71       | Pass    | 401         |



## 15. NB-IoT\_Band4\_BPSK\_15kHz\_1@11\_High

### 15.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

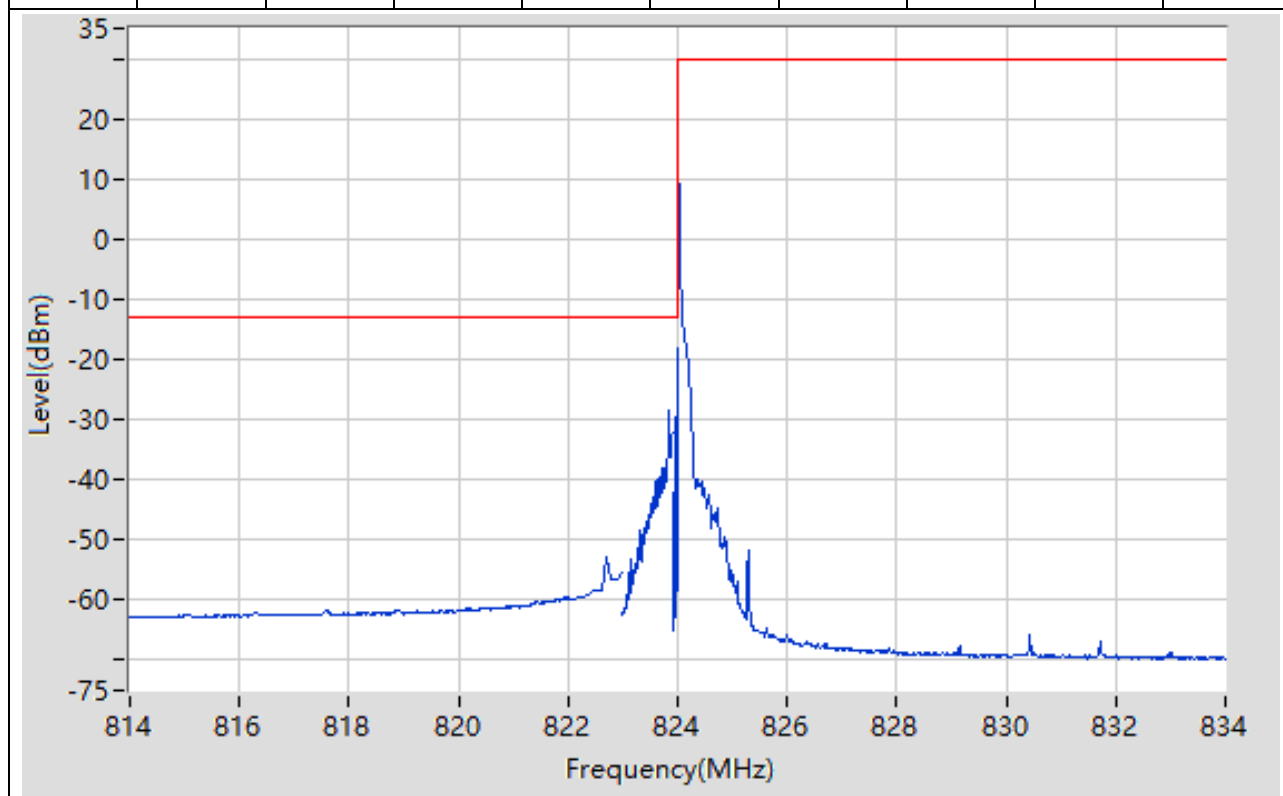
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1745                  | 1755                 | 0.02      | RMS      | 1754.98         | 17.72       | 30          | 12.28       | Pass    | 501         |
| 1755                  | 1755.1               | 0         | RMS      | 1755.002        | -14.71      | -13         | 1.71        | Pass    | 667         |
| 1755.1                | 1756                 | 0.02      | RMS      | 1755.1          | -24.34      | -13         | 11.34       | Pass    | 401         |
| 1756                  | 1757                 | 1         | RMS      | 1756            | -35.61      | -13         | 22.61       | Pass    | 2           |
| 1757                  | 1765                 | 1         | RMS      | 1757            | -39.27      | -13         | 26.27       | Pass    | 401         |



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

### 16.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

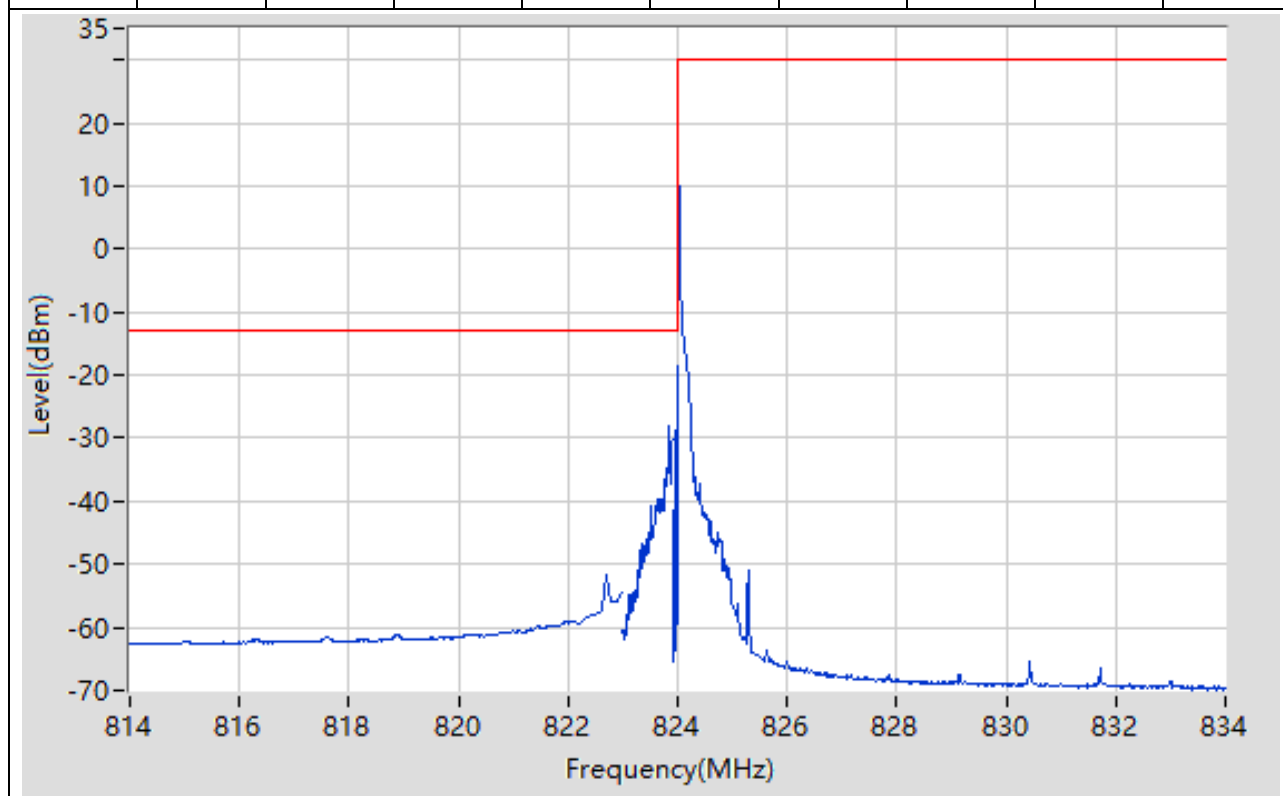
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 814                   | 822                  | 0.1       | RMS      | 821.98          | -59.59      | -13         | 46.59       | Pass    | 401         |
| 822                   | 823                  | 0.1       | RMS      | 822.7           | -52.73      | -13         | 39.73       | Pass    | 11          |
| 823                   | 823.9                | 0.02      | RMS      | 823.839         | -28.54      | -13         | 15.54       | Pass    | 401         |
| 823.9                 | 824                  | 0         | RMS      | 823.999         | -17.99      | -13         | 4.99        | Pass    | 1961        |
| 824                   | 834                  | 0.02      | RMS      | 824.02          | 16.48       | 30          | 13.52       | Pass    | 501         |



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

### 16.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

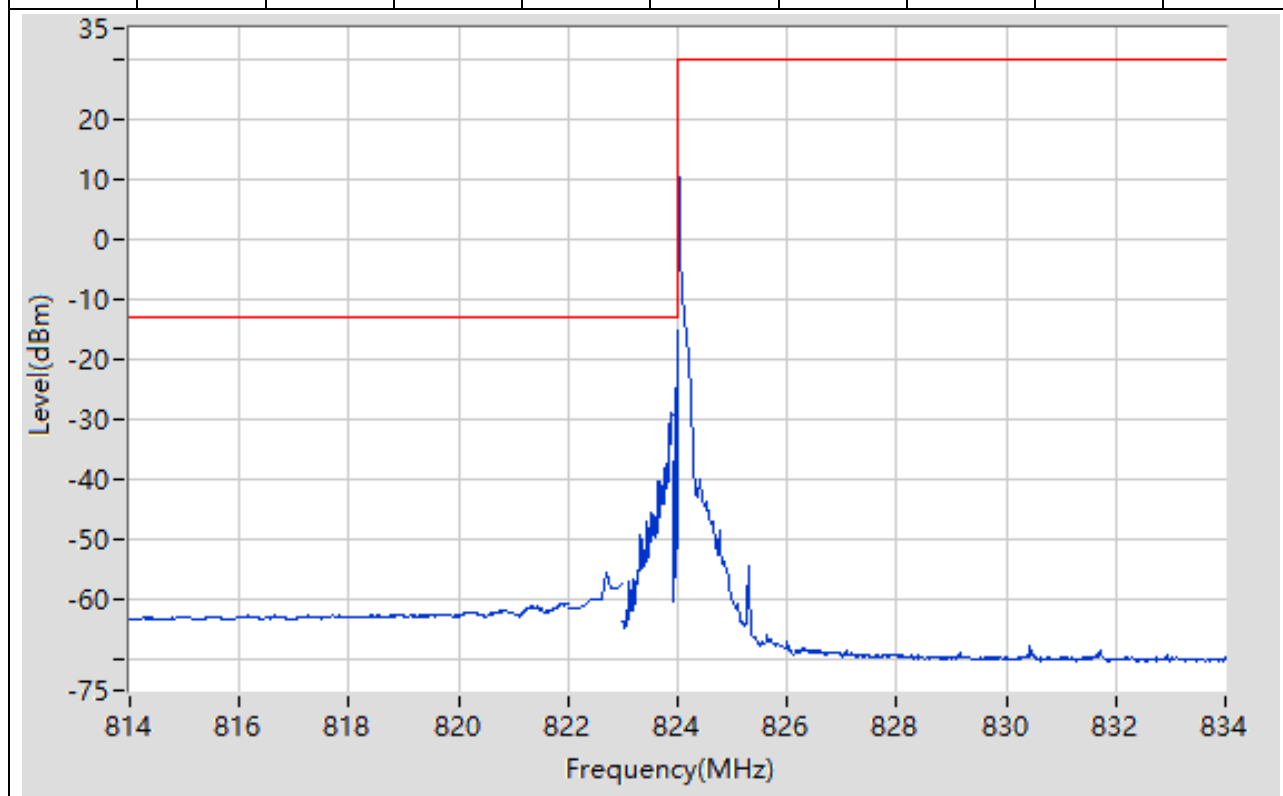
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 814                   | 822                  | 0.1       | RMS      | 822             | -58.95      | -13         | 45.95       | Pass    | 401         |
| 822                   | 823                  | 0.1       | RMS      | 822.7           | -51.54      | -13         | 38.54       | Pass    | 11          |
| 823                   | 823.9                | 0.02      | RMS      | 823.837         | -28.19      | -13         | 15.19       | Pass    | 401         |
| 823.9                 | 824                  | 0         | RMS      | 823.999         | -18.61      | -13         | 5.61        | Pass    | 1961        |
| 824                   | 834                  | 0.02      | RMS      | 824.02          | 17.12       | 30          | 12.88       | Pass    | 501         |



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

### 16.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

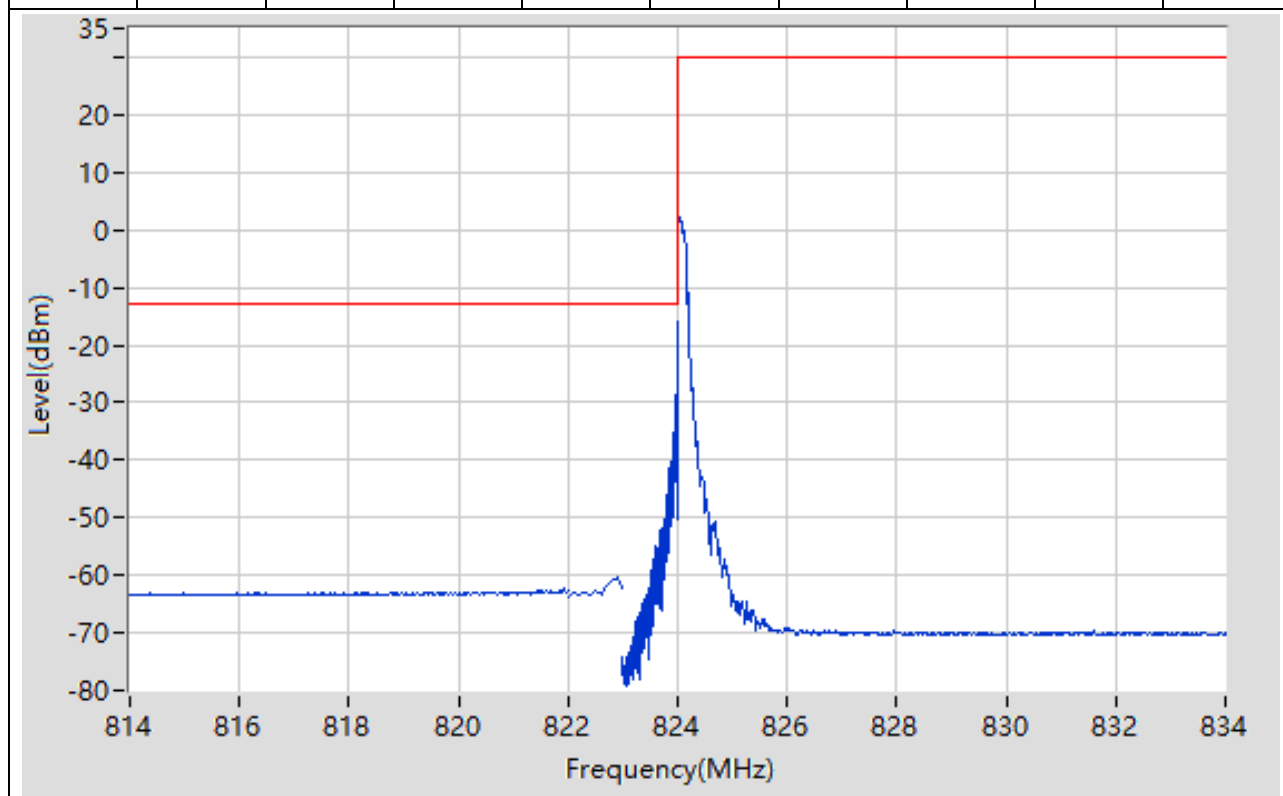
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 814                   | 822                  | 0.1       | RMS      | 822             | -60.45      | -13         | 47.45       | Pass    | 401         |
| 822                   | 823                  | 0.1       | RMS      | 822.7           | -55.33      | -13         | 42.33       | Pass    | 11          |
| 823                   | 823.9                | 0.02      | RMS      | 823.869         | -28.86      | -13         | 15.86       | Pass    | 401         |
| 823.9                 | 824                  | 0         | RMS      | 823.996         | -15.15      | -13         | 2.15        | Pass    | 667         |
| 824                   | 834                  | 0.02      | RMS      | 824.02          | 14.45       | 30          | 15.55       | Pass    | 501         |



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_12@0\_Low

### 16.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

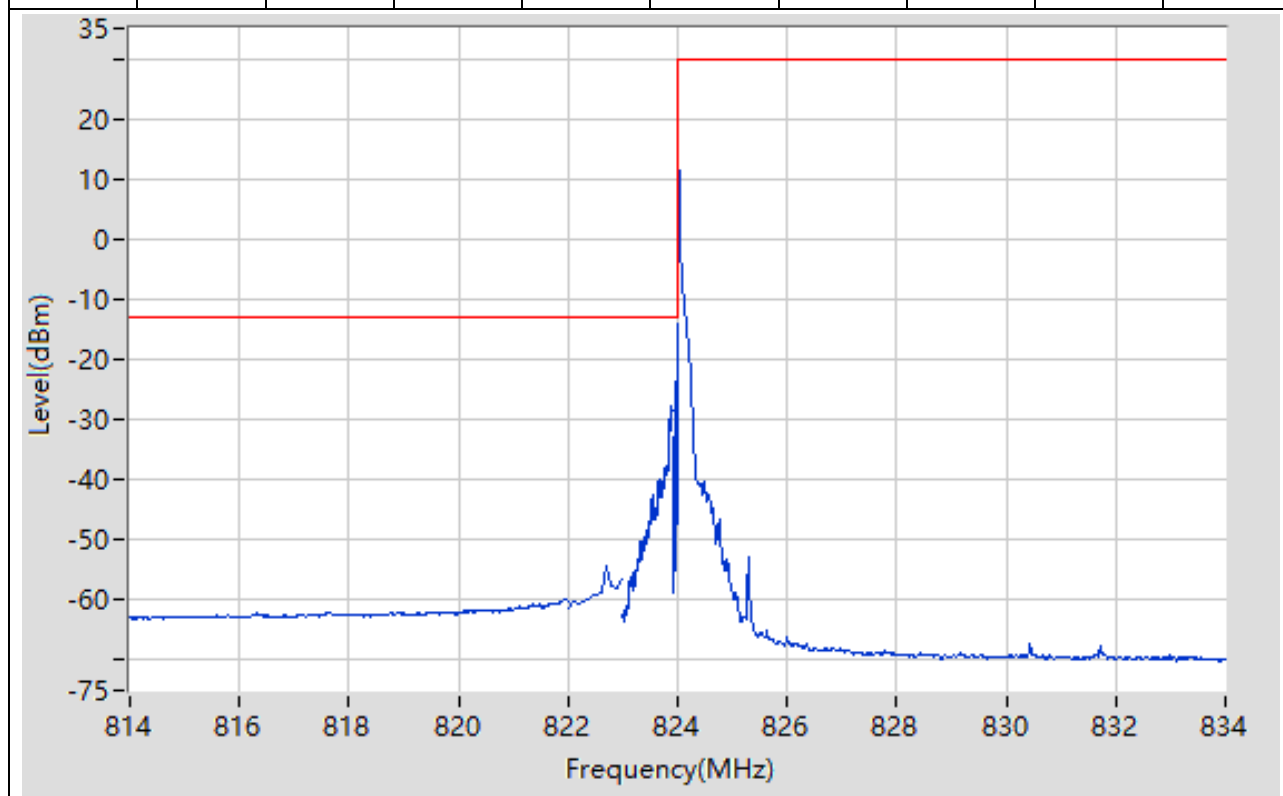
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 814                   | 822                  | 0.1       | RMS      | 821.92          | -62.34      | -13         | 49.34       | Pass    | 401         |
| 822                   | 823                  | 0.1       | RMS      | 822.9           | -60.4       | -13         | 47.4        | Pass    | 11          |
| 823                   | 823.994              | 0.002     | RMS      | 823.994         | -24.94      | -13         | 11.94       | Pass    | 498         |
| 823.994               | 824                  | 0.002     | RMS      | 824             | -15.98      | -13         | 2.98        | Pass    | 401         |
| 824                   | 834                  | 0.02      | RMS      | 824.06          | 2.35        | 30          | 27.65       | Pass    | 501         |



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

### 16.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

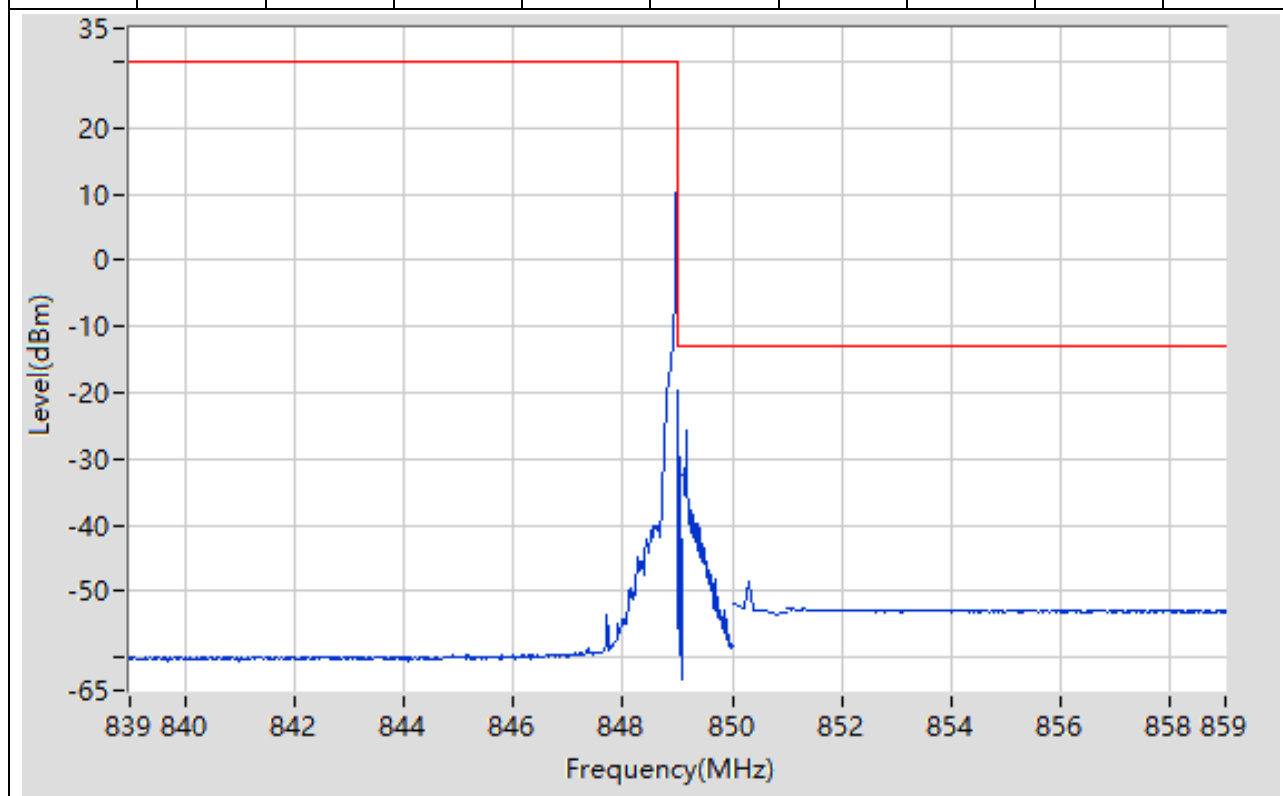
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 814                   | 822                  | 0.1       | RMS      | 821.96          | -59.82      | -13         | 46.82       | Pass    | 401         |
| 822                   | 823                  | 0.1       | RMS      | 822.7           | -54.4       | -13         | 41.4        | Pass    | 11          |
| 823                   | 823.9                | 0.02      | RMS      | 823.866         | -27.84      | -13         | 14.84       | Pass    | 401         |
| 823.9                 | 824                  | 0         | RMS      | 823.998         | -14.19      | -13         | 1.19        | Pass    | 667         |
| 824                   | 834                  | 0.02      | RMS      | 824.02          | 15.28       | 30          | 14.72       | Pass    | 501         |



## 16. NB-IoT\_Band5\_QPSK\_3.75kHz\_1@47\_High

### 16.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

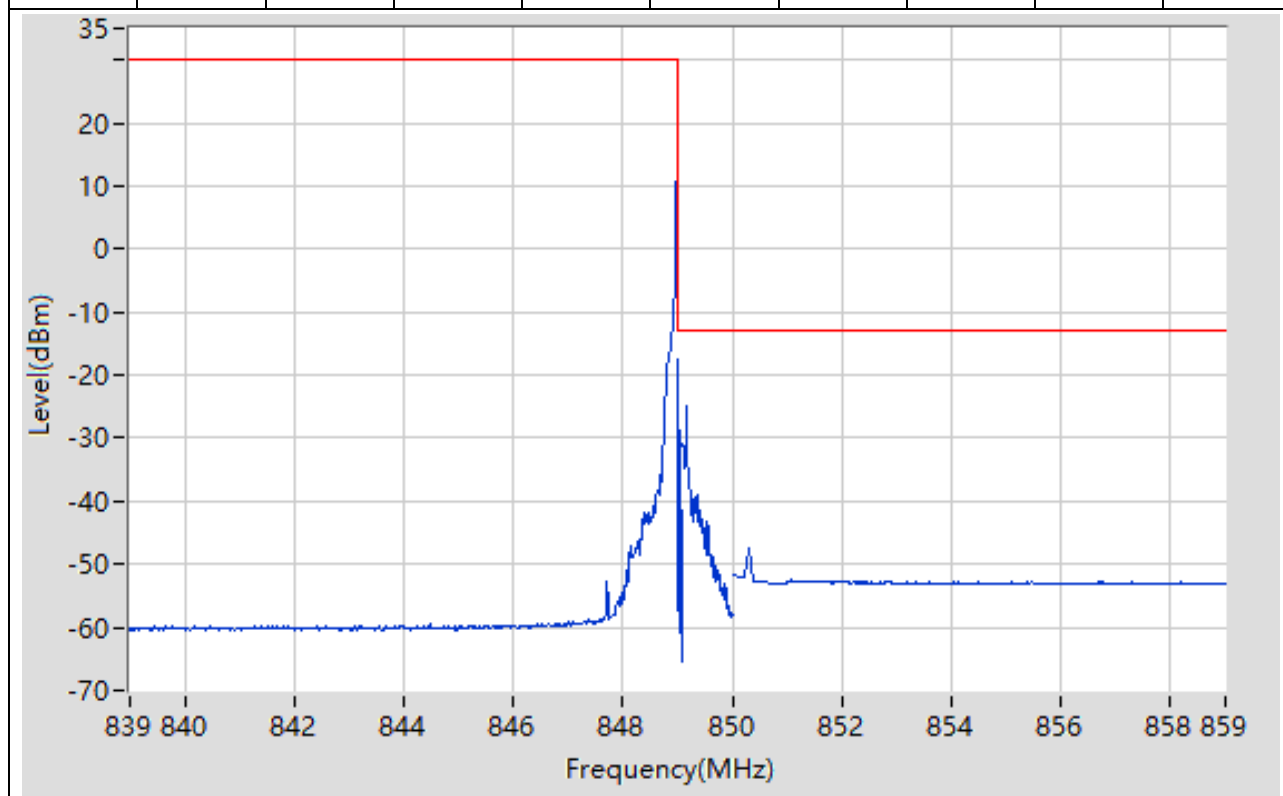
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 839                   | 849                  | 0.02      | RMS      | 848.98          | 16.94       | 30          | 13.06       | Pass    | 501         |
| 849                   | 849.1                | 0         | RMS      | 849.001         | -19.6       | -13         | 6.6         | Pass    | 1961        |
| 849.1                 | 850                  | 0.02      | RMS      | 849.161         | -25.8       | -13         | 12.8        | Pass    | 401         |
| 850                   | 851                  | 0.1       | RMS      | 850.3           | -48.41      | -13         | 35.41       | Pass    | 11          |
| 851                   | 859                  | 0.1       | RMS      | 851.12          | -52.62      | -13         | 39.62       | Pass    | 401         |



## 16. NB-IoT\_Band5\_BPSK\_3.75kHz\_1@47\_High

### 16.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

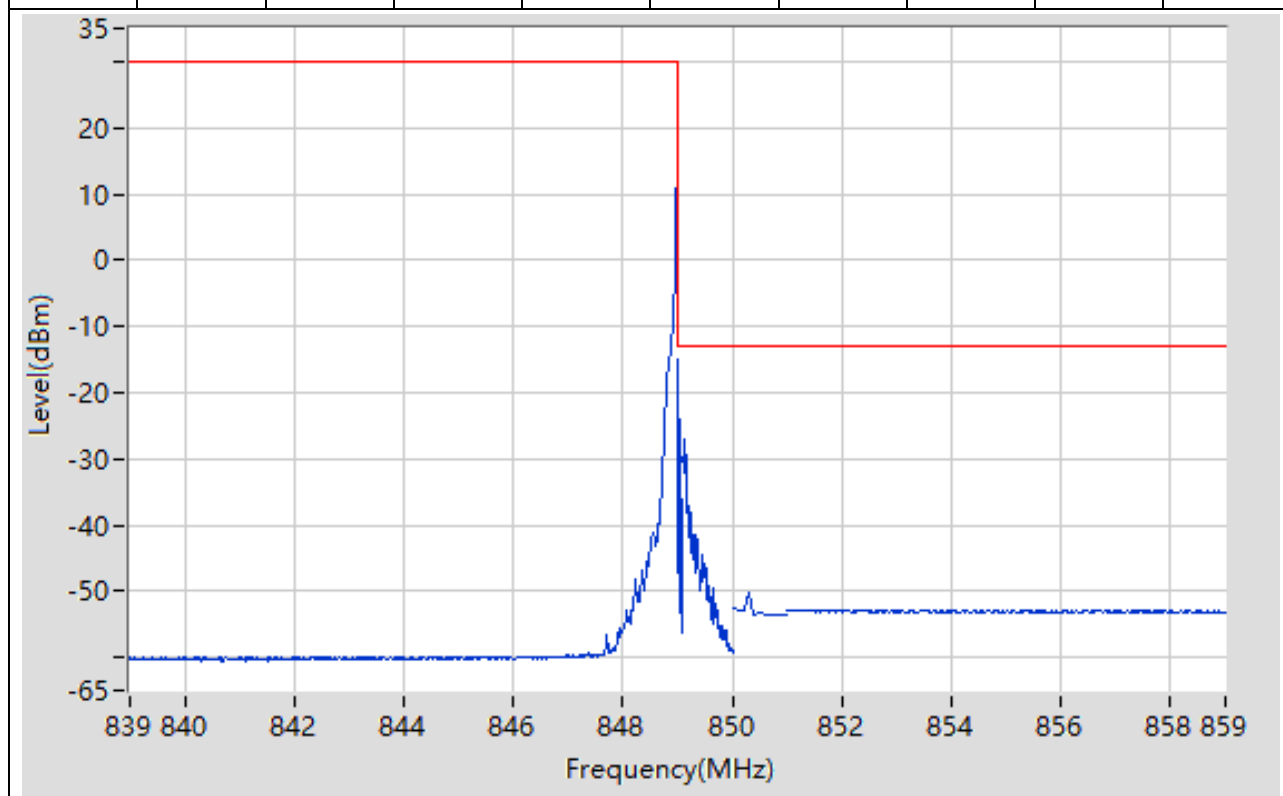
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 839                   | 849                  | 0.02      | RMS      | 848.98          | 17.56       | 30          | 12.44       | Pass    | 501         |
| 849                   | 849.1                | 0         | RMS      | 849             | -17.54      | -13         | 4.54        | Pass    | 1961        |
| 849.1                 | 850                  | 0.02      | RMS      | 849.159         | -24.87      | -13         | 11.87       | Pass    | 401         |
| 850                   | 851                  | 0.1       | RMS      | 850.3           | -47.56      | -13         | 34.56       | Pass    | 11          |
| 851                   | 859                  | 0.1       | RMS      | 851.06          | -52.51      | -13         | 39.51       | Pass    | 401         |



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_1@11\_High

### 16.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

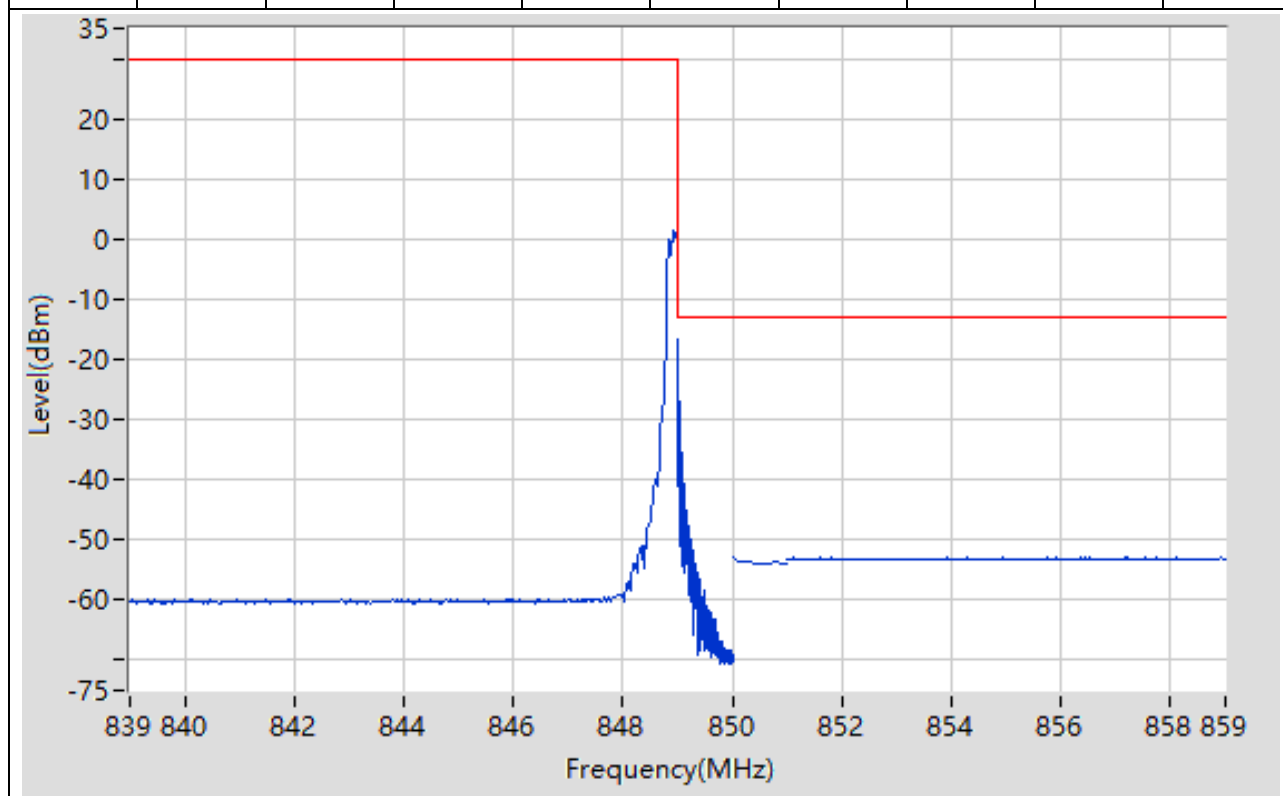
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 839                   | 849                  | 0.02      | RMS      | 848.98          | 14.63       | 30          | 15.37       | Pass    | 501         |
| 849                   | 849.1                | 0         | RMS      | 849.002         | -14.95      | -13         | 1.95        | Pass    | 667         |
| 849.1                 | 850                  | 0.02      | RMS      | 849.129         | -27.04      | -13         | 14.04       | Pass    | 401         |
| 850                   | 851                  | 0.1       | RMS      | 850.3           | -50.25      | -13         | 37.25       | Pass    | 11          |
| 851                   | 859                  | 0.1       | RMS      | 851.24          | -52.81      | -13         | 39.81       | Pass    | 401         |



## 16. NB-IoT\_Band5\_QPSK\_15kHz\_12@0\_High

### 16.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

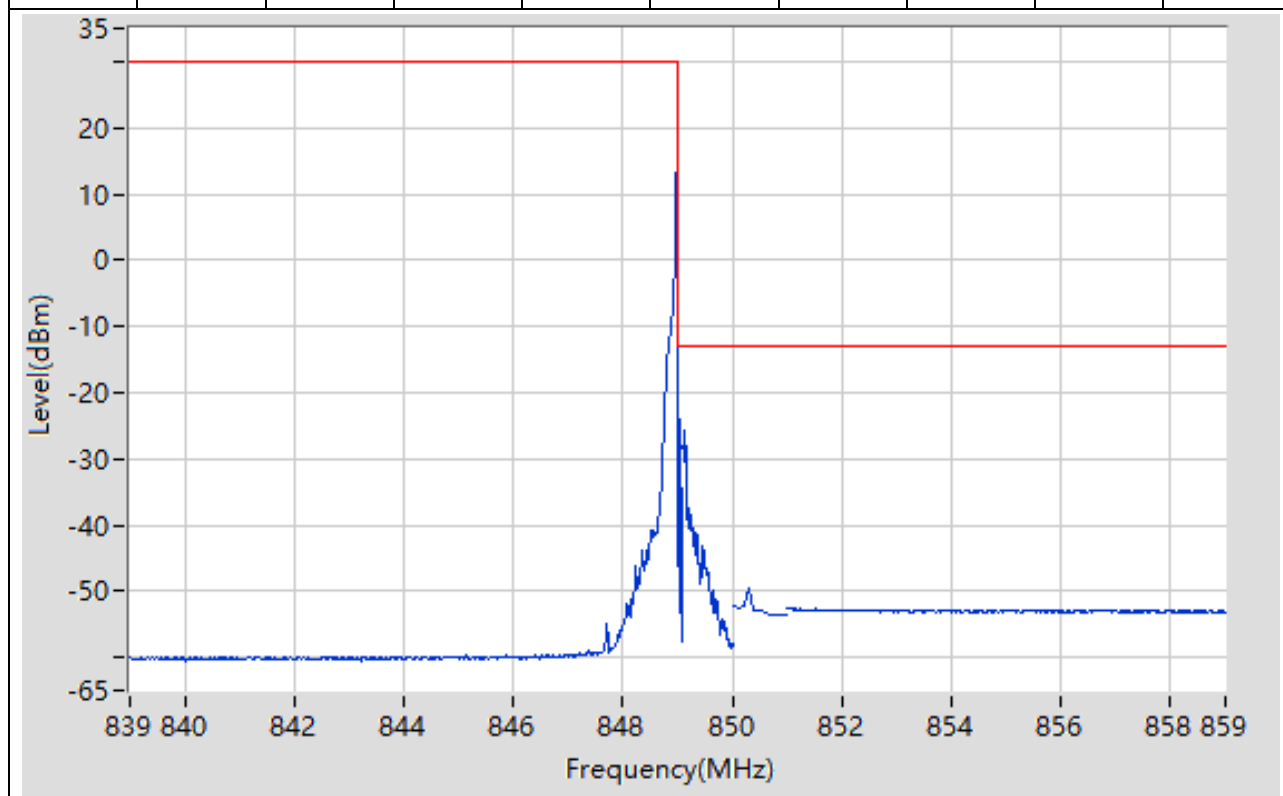
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 839                   | 849                  | 0.02      | RMS      | 848.9           | 1.42        | 30          | 28.58       | Pass    | 501         |
| 849                   | 849.006              | 0.002     | RMS      | 849.002         | -16.64      | -13         | 3.64        | Pass    | 401         |
| 849.006               | 850                  | 0.002     | RMS      | 849.006         | -25.82      | -13         | 12.82       | Pass    | 498         |
| 850                   | 851                  | 0.1       | RMS      | 850             | -53.03      | -13         | 40.03       | Pass    | 11          |
| 851                   | 859                  | 0.1       | RMS      | 858.9           | -52.95      | -13         | 39.95       | Pass    | 401         |



## 16. NB-IoT\_Band5\_BPSK\_15kHz\_1@11\_High

### 16.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

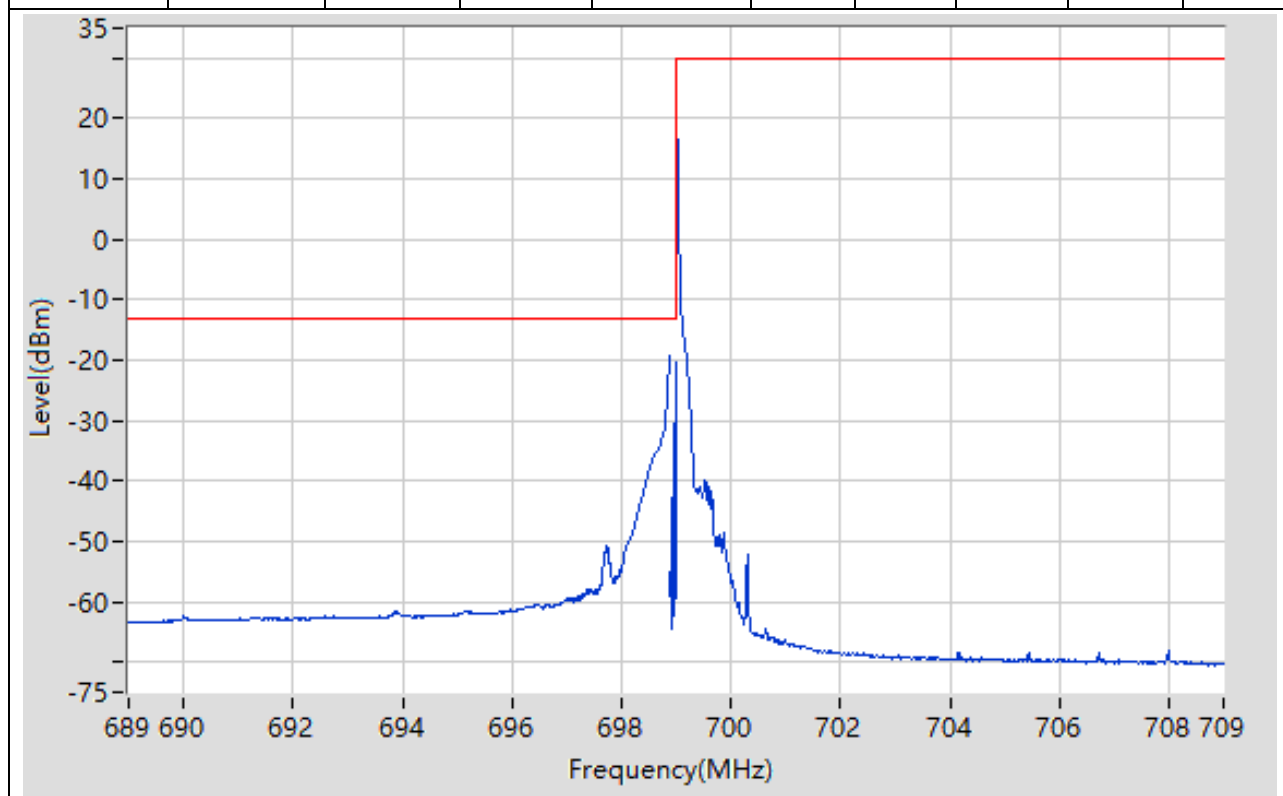
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 839                   | 849                  | 0.02      | RMS      | 848.98          | 16.82       | 30          | 13.18       | Pass    | 501         |
| 849                   | 849.1                | 0         | RMS      | 849.001         | -13.08      | -13         | 0.08        | Pass    | 667         |
| 849.1                 | 850                  | 0.02      | RMS      | 849.129         | -25.62      | -13         | 12.62       | Pass    | 401         |
| 850                   | 851                  | 0.1       | RMS      | 850.3           | -49.4       | -13         | 36.4        | Pass    | 11          |
| 851                   | 859                  | 0.1       | RMS      | 851.02          | -52.64      | -13         | 39.64       | Pass    | 401         |



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

### 17.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

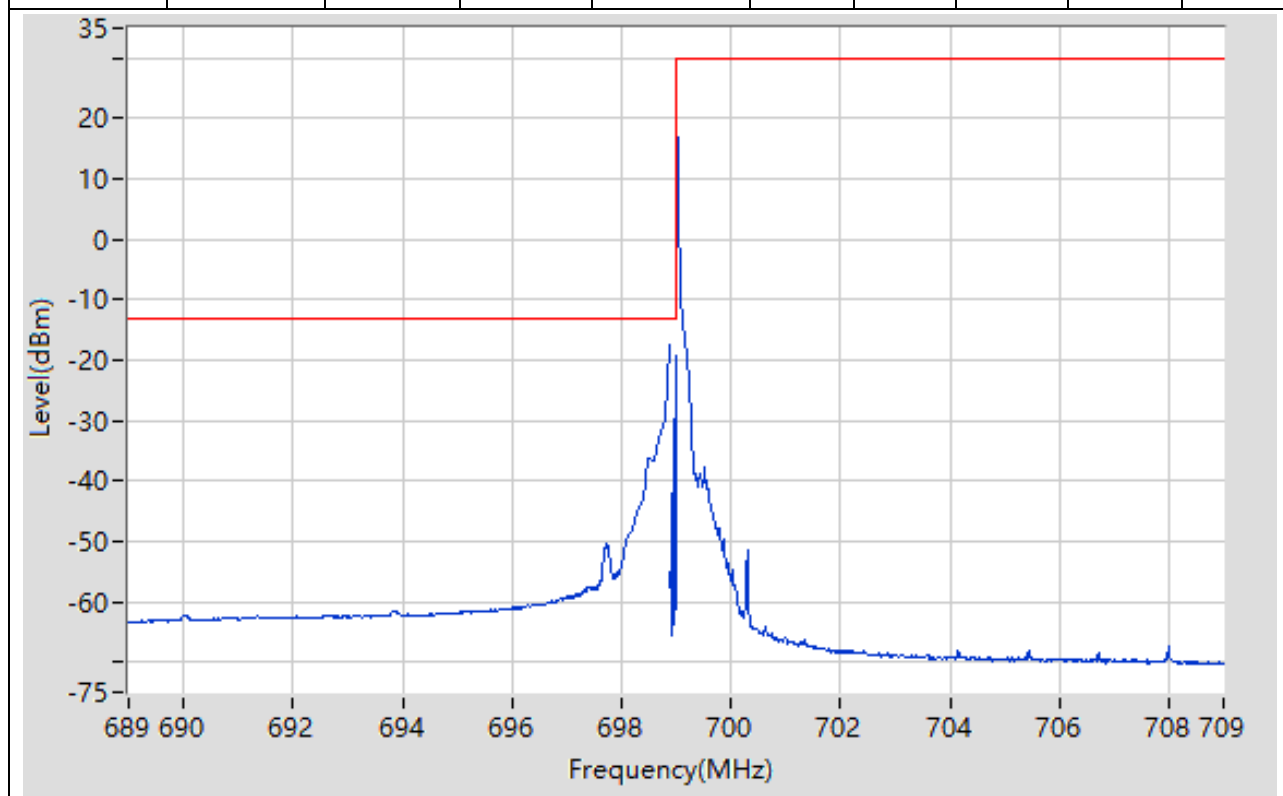
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 689                   | 697                  | 0.1       | RMS      | 697             | -59.82      | -13         | 46.82       | Pass    | 401         |
| 697                   | 698                  | 0.1       | RMS      | 697.73          | -50.87      | -13         | 37.87       | Pass    | 401         |
| 698                   | 698.9                | 0.1       | RMS      | 698.9           | -19.28      | -13         | 6.28        | Pass    | 10          |
| 698.9                 | 699                  | 0.000039  | RMS      | 698.999         | -20.37      | -13         | 7.37        | Pass    | 2565        |
| 699                   | 709                  | 0.02      | RMS      | 699.02          | 16.43       | 30          | 13.57       | Pass    | 501         |



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

### 17.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

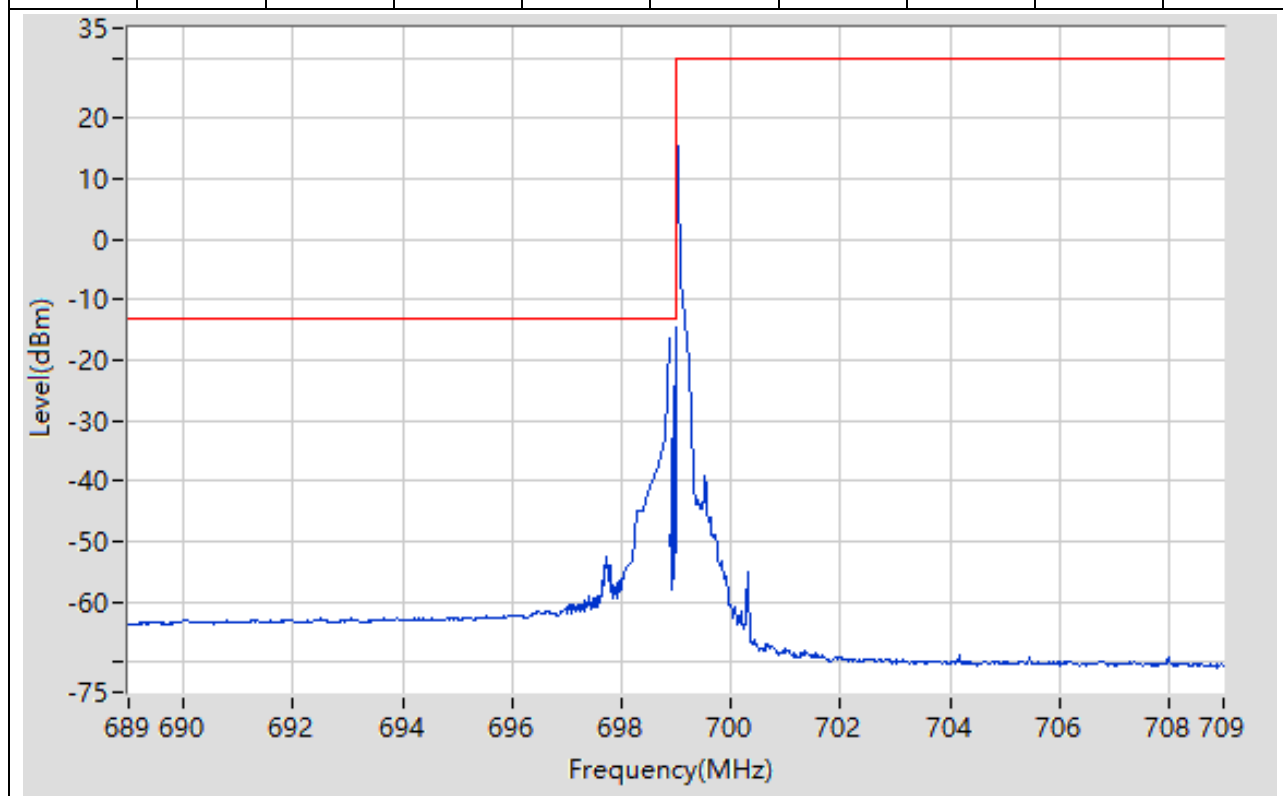
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 689                   | 697                  | 0.1       | RMS      | 697             | -59.32      | -13         | 46.32       | Pass    | 401         |
| 697                   | 698                  | 0.1       | RMS      | 697.738         | -50.43      | -13         | 37.43       | Pass    | 401         |
| 698                   | 698.9                | 0.1       | RMS      | 698.9           | -17.32      | -13         | 4.32        | Pass    | 10          |
| 698.9                 | 699                  | 0.000039  | RMS      | 698.999         | -19.38      | -13         | 6.38        | Pass    | 2565        |
| 699                   | 709                  | 0.02      | RMS      | 699.02          | 17.03       | 30          | 12.97       | Pass    | 501         |



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

### 17.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

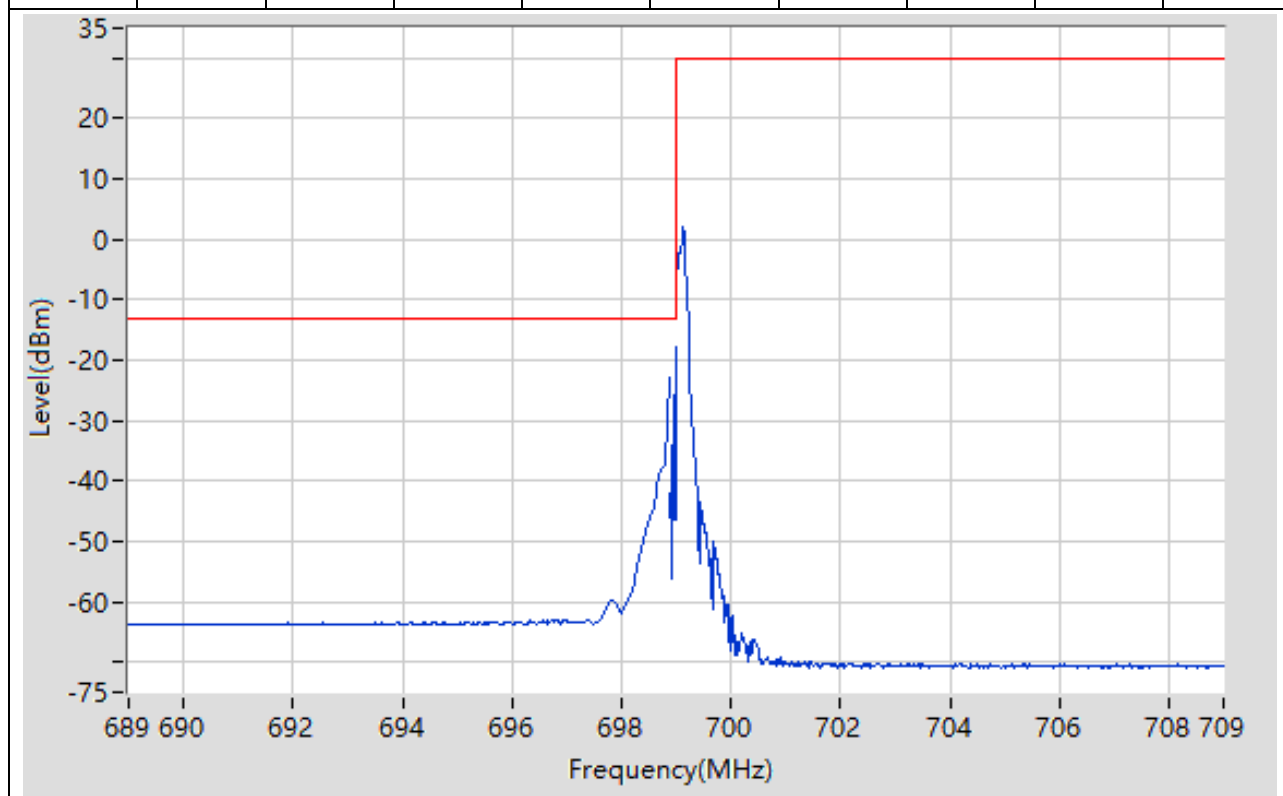
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 689                   | 697                  | 0.1       | RMS      | 697             | -60.89      | -13         | 47.89       | Pass    | 401         |
| 697                   | 698                  | 0.1       | RMS      | 697.723         | -52.54      | -13         | 39.54       | Pass    | 401         |
| 698                   | 698.9                | 0.1       | RMS      | 698.9           | -16.28      | -13         | 3.28        | Pass    | 10          |
| 698.9                 | 699                  | 0.00015   | RMS      | 698.996         | -14.55      | -13         | 1.55        | Pass    | 667         |
| 699                   | 709                  | 0.02      | RMS      | 699.02          | 15.47       | 30          | 14.53       | Pass    | 501         |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_12@0\_Low

### 17.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

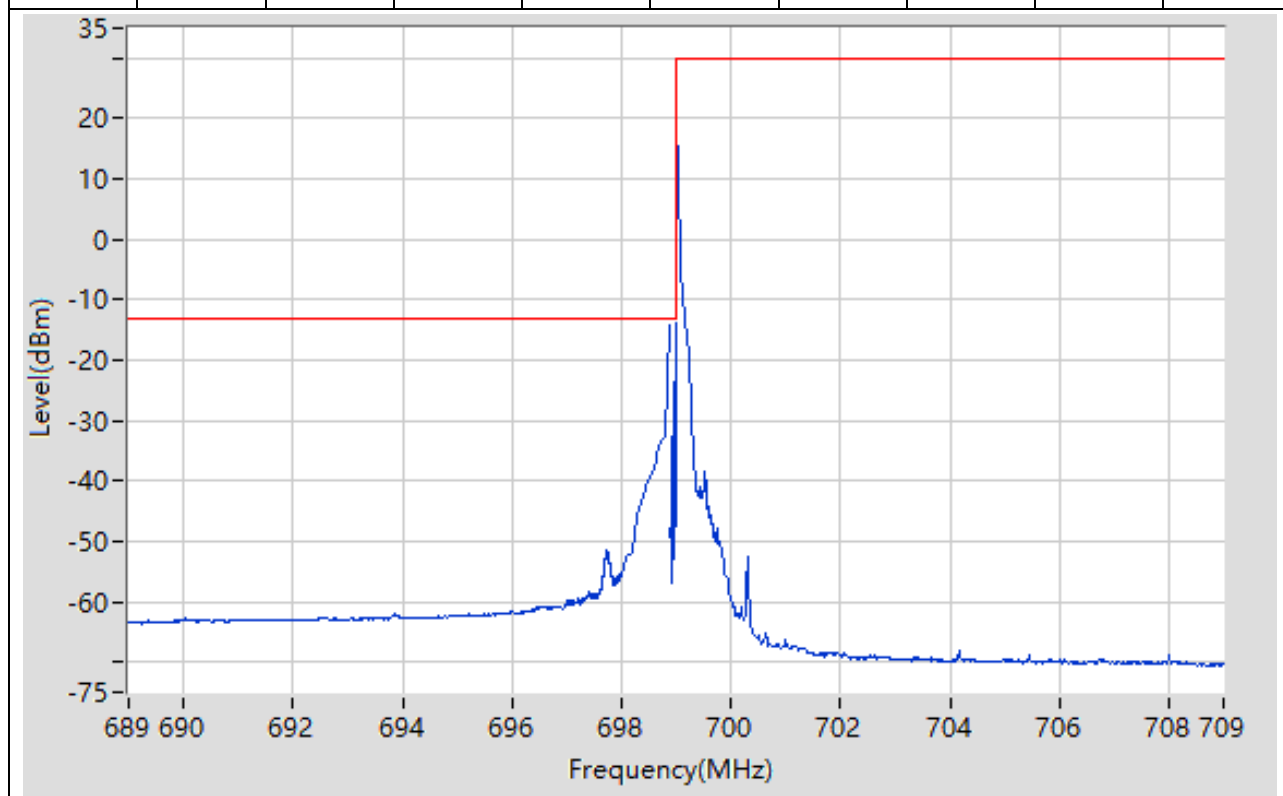
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 689                   | 697                  | 0.1       | RMS      | 696.98          | -63.06      | -13         | 50.06       | Pass    | 401         |
| 697                   | 698.9                | 0.1       | RMS      | 698.9           | -23.03      | -13         | 10.03       | Pass    | 20          |
| 698.9                 | 698.994              | 0.002     | RMS      | 698.985         | -22.75      | -13         | 9.75        | Pass    | 401         |
| 698.994               | 699                  | 0.002     | RMS      | 699             | -17.74      | -13         | 4.74        | Pass    | 401         |
| 699                   | 709                  | 0.02      | RMS      | 699.12          | 1.91        | 30          | 28.09       | Pass    | 501         |



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

### 17.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

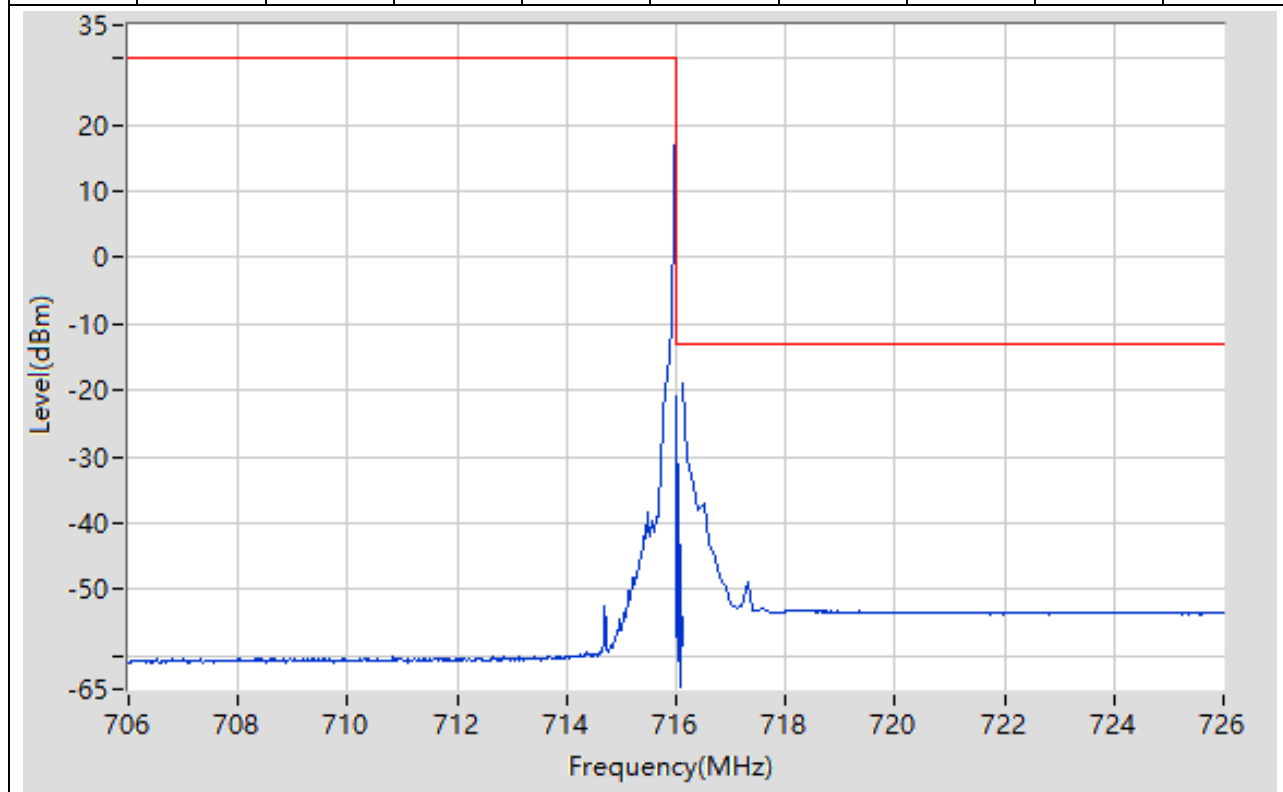
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 689                   | 697                  | 0.1       | RMS      | 697             | -60.45      | -13         | 47.45       | Pass    | 401         |
| 697                   | 698                  | 0.1       | RMS      | 697.72          | -51.54      | -13         | 38.54       | Pass    | 401         |
| 698                   | 698.9                | 0.1       | RMS      | 698.9           | -14.32      | -13         | 1.32        | Pass    | 10          |
| 698.9                 | 699                  | 0.00015   | RMS      | 698.998         | -13.94      | -13         | 0.94        | Pass    | 667         |
| 699                   | 709                  | 0.02      | RMS      | 699.02          | 15.45       | 30          | 14.55       | Pass    | 501         |



## 17. NB-IoT\_Band12\_QPSK\_3.75kHz\_1@47\_High

### 17.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

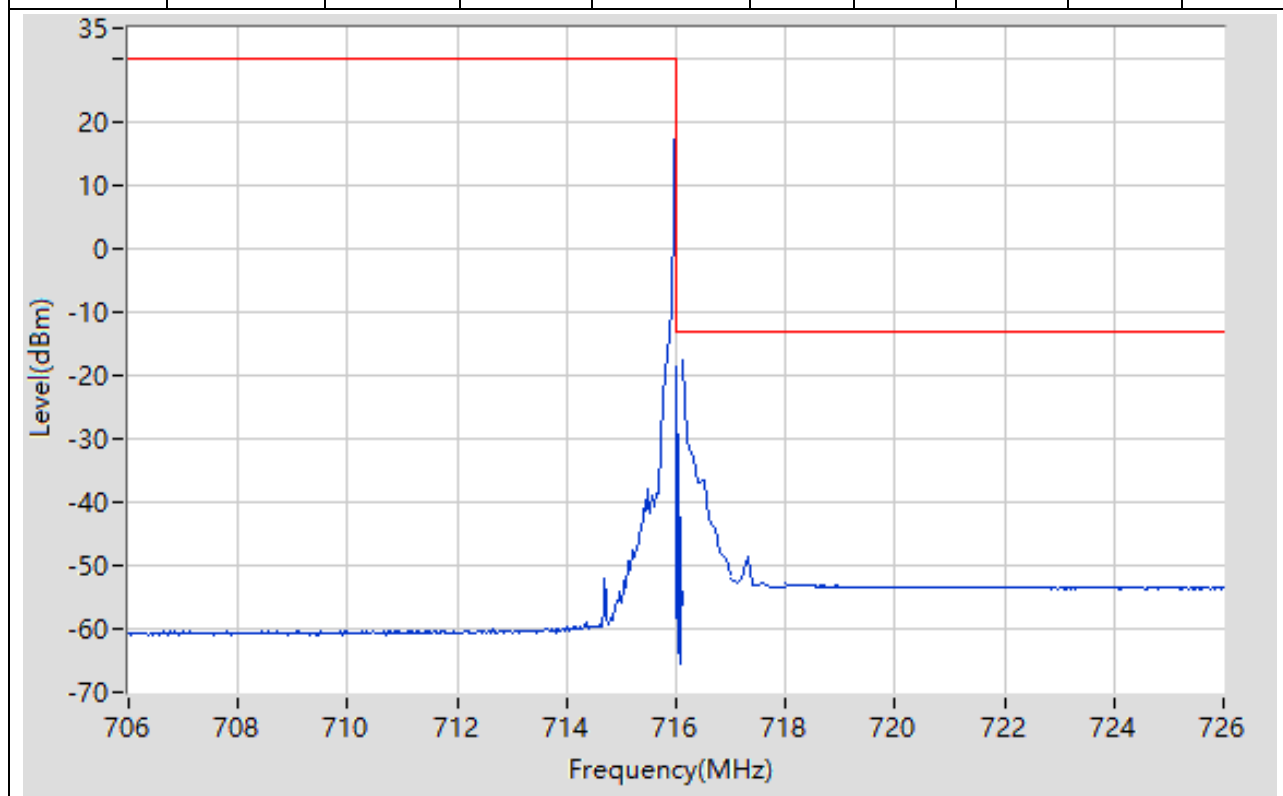
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 16.8        | 30          | 13.2        | Pass    | 501         |
| 716                   | 716.1                | 0.000039  | RMS      | 716             | -20.81      | -13         | 7.81        | Pass    | 2565        |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -18.87      | -13         | 5.87        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -48.86      | -13         | 35.86       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718.04          | -53.06      | -13         | 40.06       | Pass    | 401         |



## 17. NB-IoT\_Band12\_BPSK\_3.75kHz\_1@47\_High

### 17.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

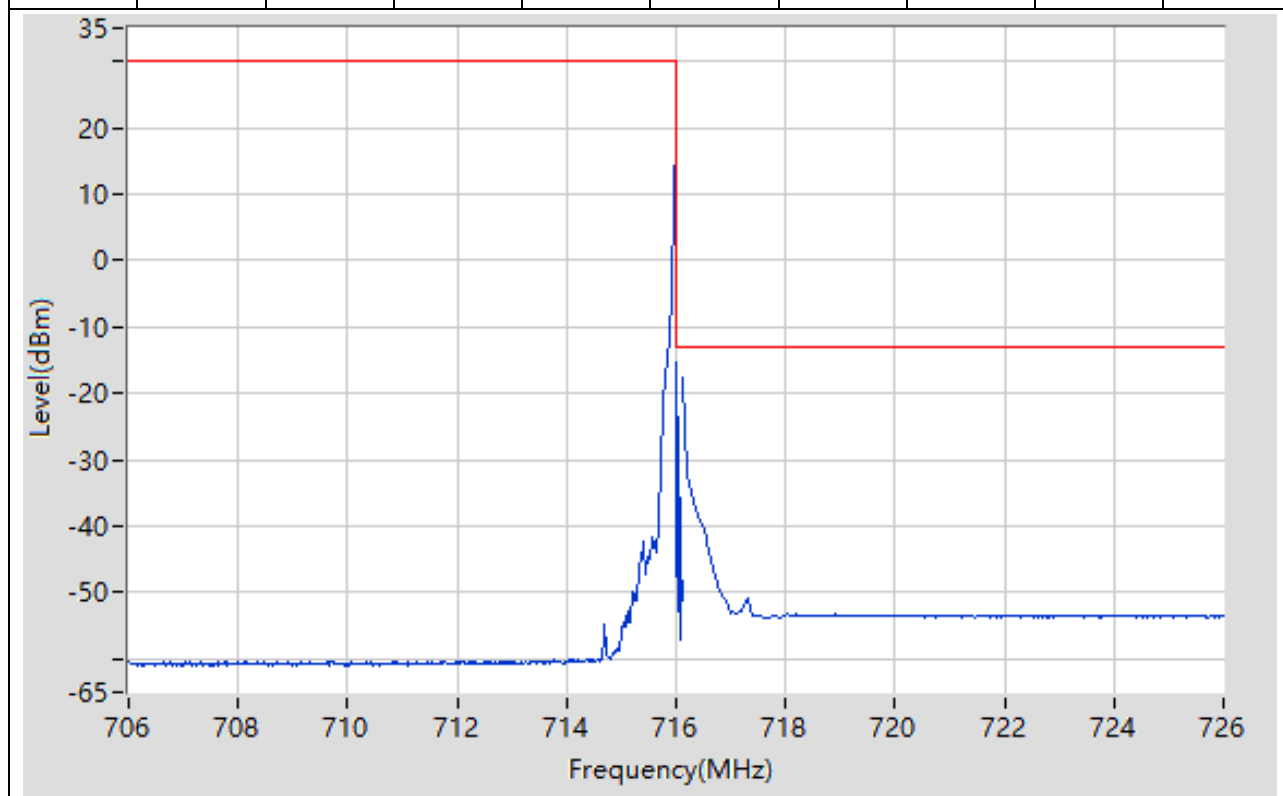
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 17.29       | 30          | 12.71       | Pass    | 501         |
| 716                   | 716.1                | 0.000039  | RMS      | 716             | -18.54      | -13         | 5.54        | Pass    | 2565        |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -17.47      | -13         | 4.47        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -48.58      | -13         | 35.58       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718             | -52.84      | -13         | 39.84       | Pass    | 401         |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@11\_High

### 17.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

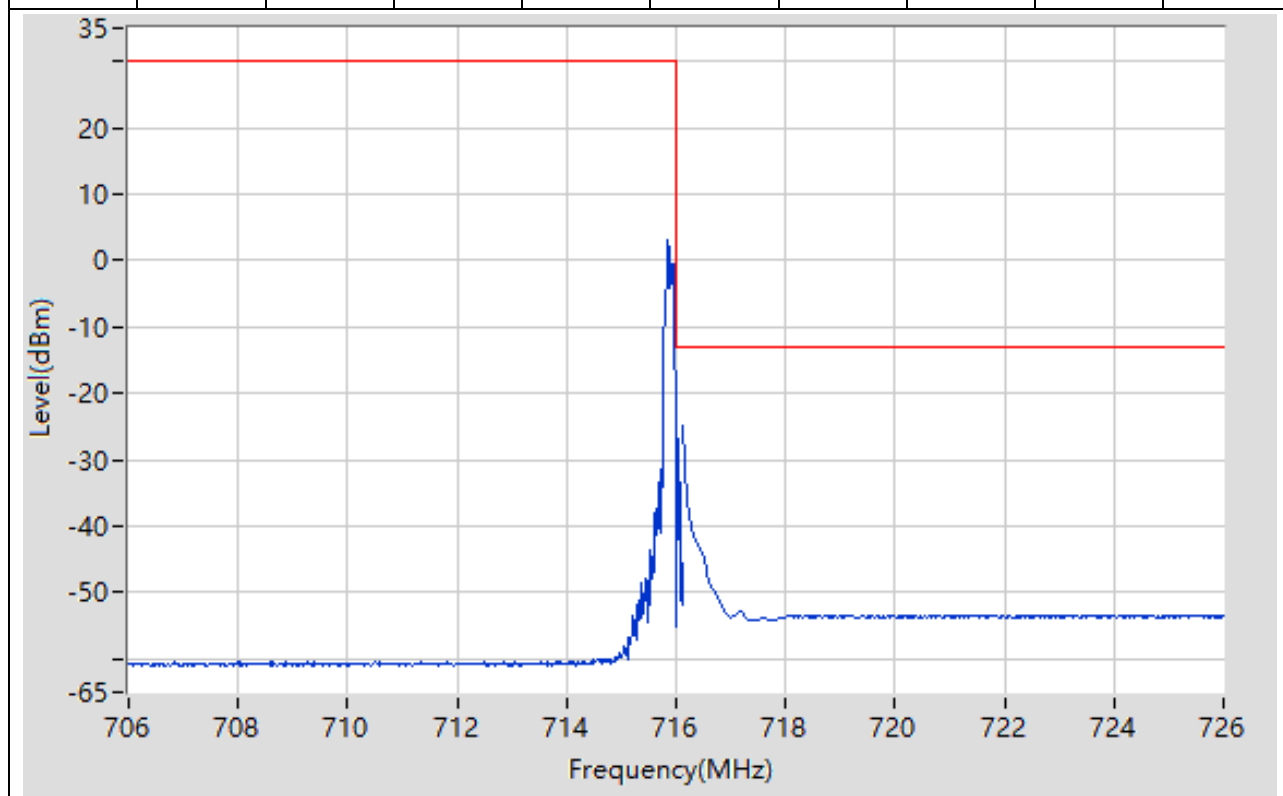
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 14.31       | 30          | 15.69       | Pass    | 501         |
| 716                   | 716.1                | 0.00015   | RMS      | 716.002         | -15.22      | -13         | 2.22        | Pass    | 667         |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -17.67      | -13         | 4.67        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -50.73      | -13         | 37.73       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718.02          | -53.25      | -13         | 40.25       | Pass    | 401         |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_12@0\_High

### 17.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

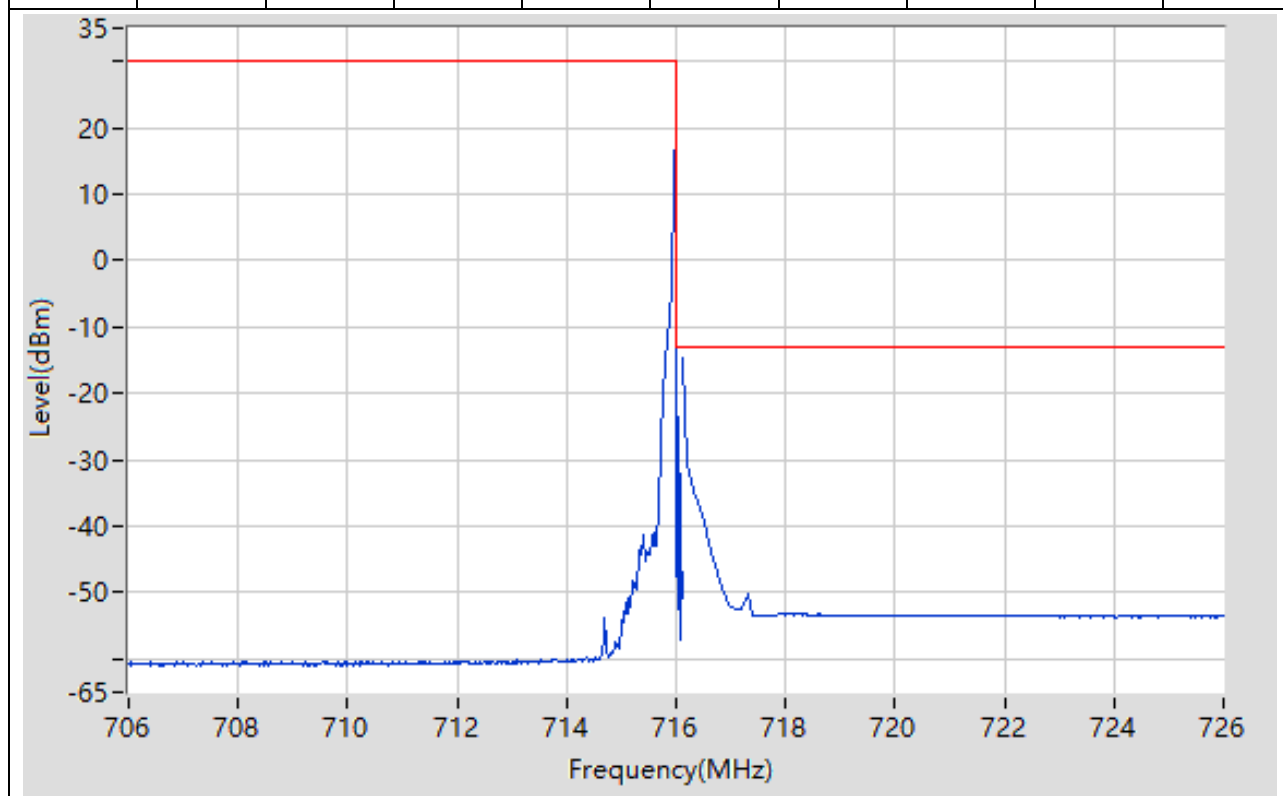
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.86          | 3.12        | 30          | 26.88       | Pass    | 501         |
| 716                   | 716.006              | 0.002     | RMS      | 716.003         | -17.39      | -13         | 4.39        | Pass    | 401         |
| 716.006               | 716.1                | 0.002     | RMS      | 716.015         | -24.66      | -13         | 11.66       | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -24.94      | -13         | 11.94       | Pass    | 20          |
| 718                   | 726                  | 0.1       | RMS      | 725.66          | -53.47      | -13         | 40.47       | Pass    | 401         |



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@11\_High

### 17.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

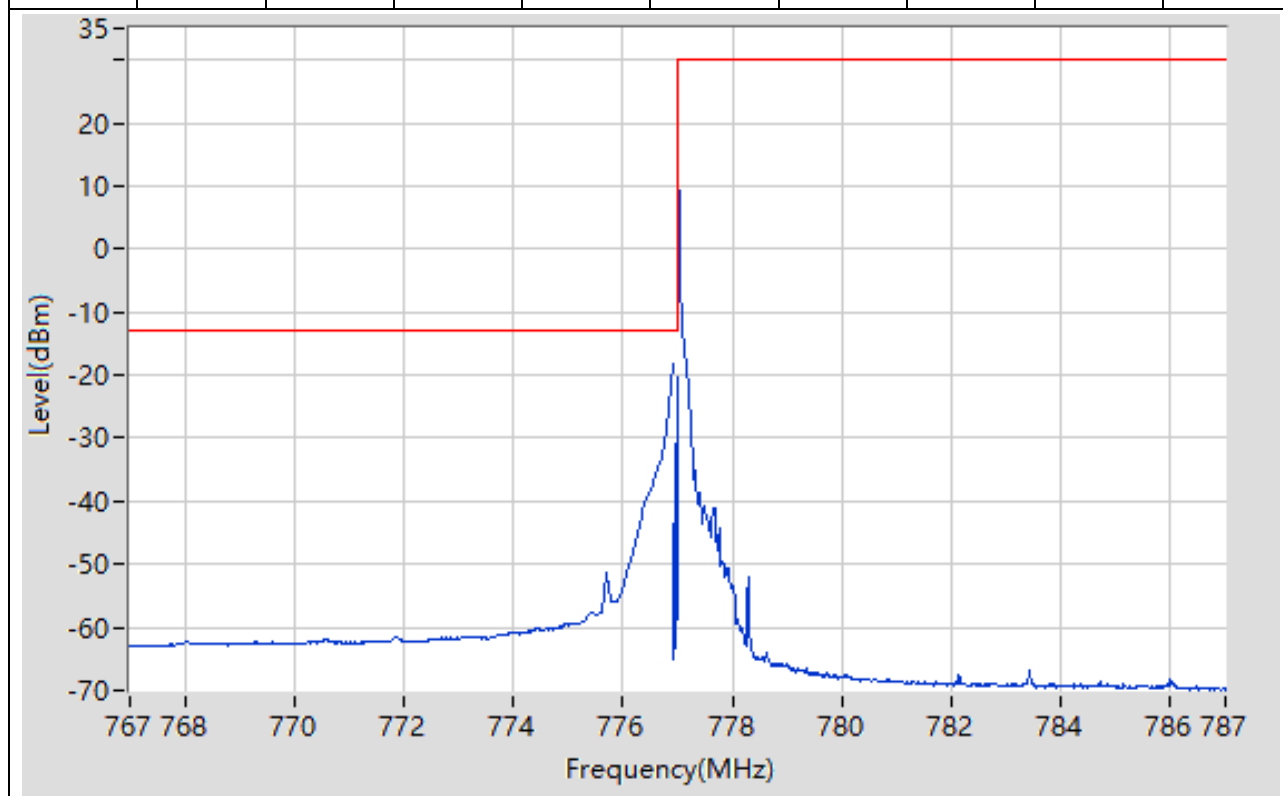
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 16.48       | 30          | 13.52       | Pass    | 501         |
| 716                   | 716.1                | 0.00015   | RMS      | 716.001         | -13.32      | -13         | 0.32        | Pass    | 667         |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -14.62      | -13         | 1.62        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -50.36      | -13         | 37.36       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718             | -53.1       | -13         | 40.1        | Pass    | 401         |



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

### 18.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

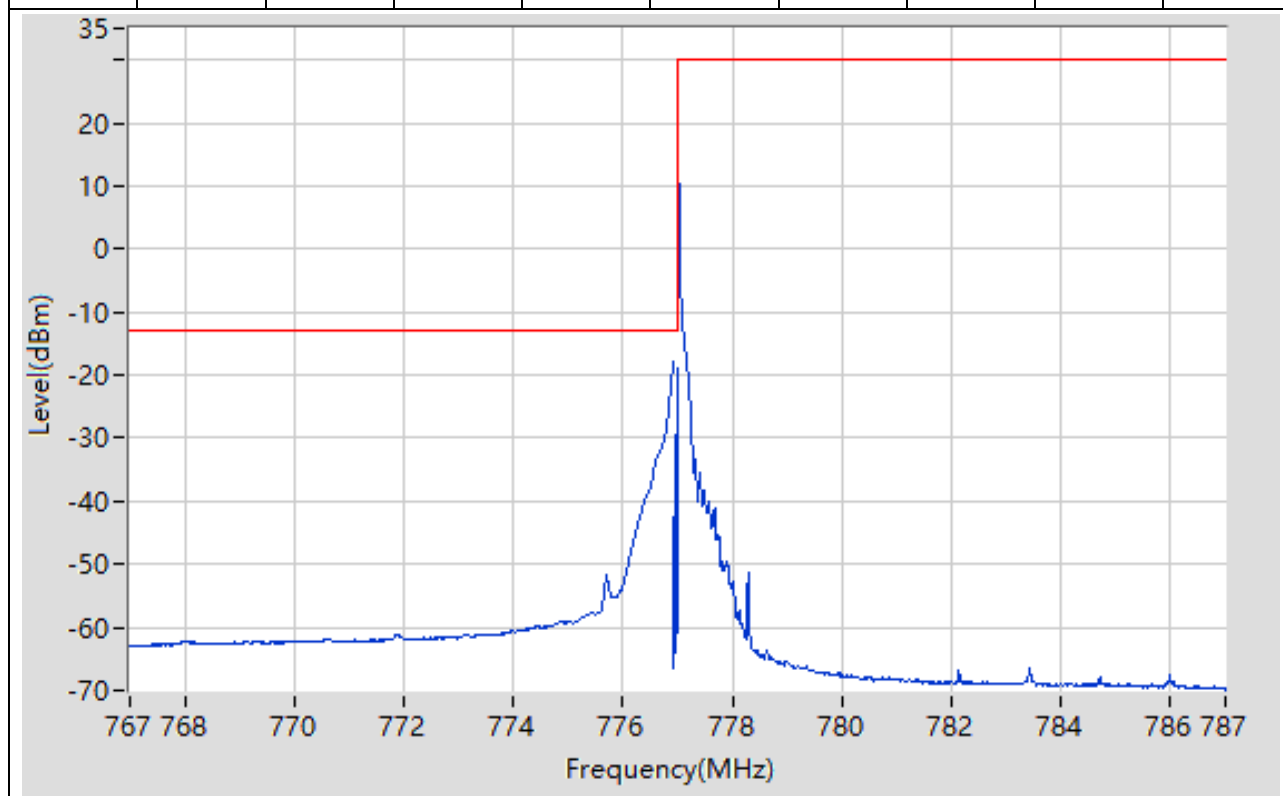
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 767                   | 775                  | 0.1       | RMS      | 775             | -59.31      | -13         | 46.31       | Pass    | 401         |
| 775                   | 776                  | 0.1       | RMS      | 775.7           | -51.49      | -13         | 38.49       | Pass    | 11          |
| 776                   | 776.9                | 0.1       | RMS      | 776.9           | -18.34      | -13         | 5.34        | Pass    | 10          |
| 776.9                 | 777                  | 0         | RMS      | 776.999         | -20.25      | -13         | 7.25        | Pass    | 2565        |
| 777                   | 787                  | 0.02      | RMS      | 777.02          | 16.49       | 30          | 13.51       | Pass    | 501         |



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

### 18.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

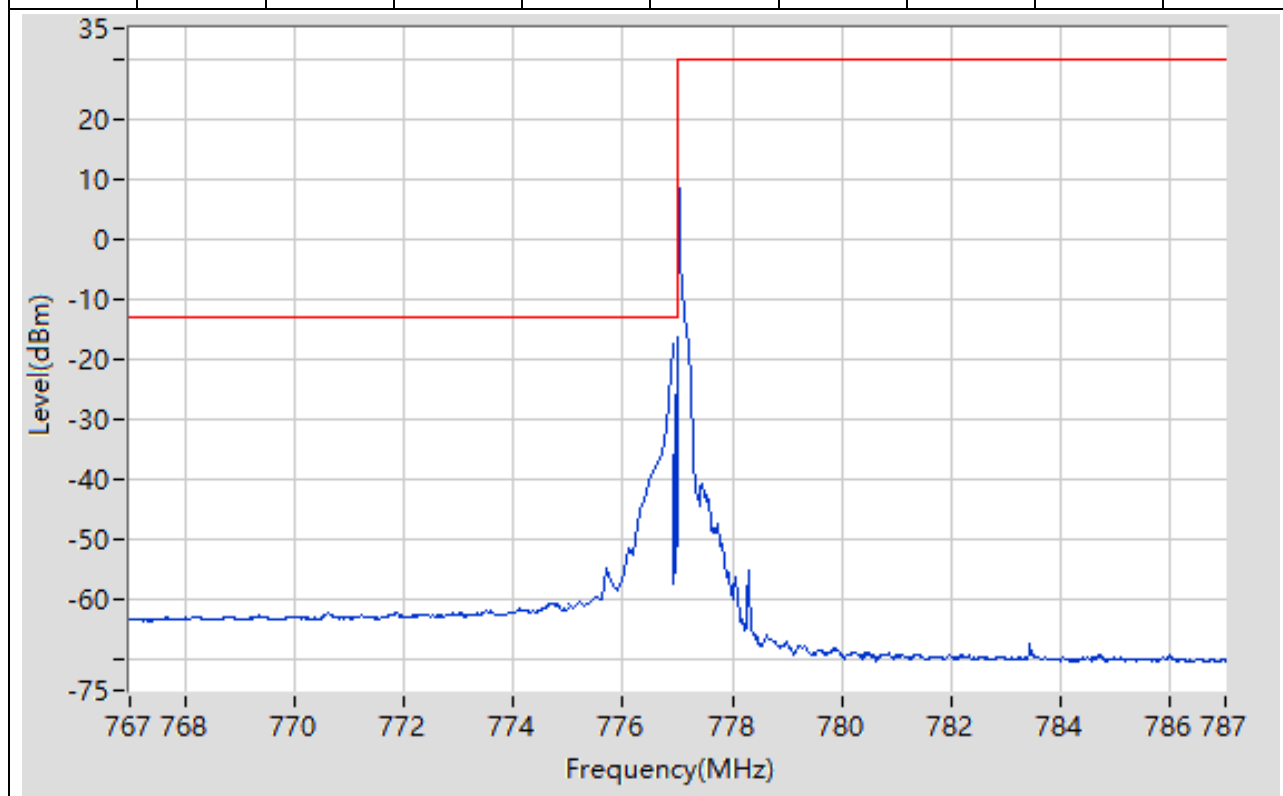
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 767                   | 775                  | 0.1       | RMS      | 774.98          | -58.96      | -13         | 45.96       | Pass    | 401         |
| 775                   | 776                  | 0.1       | RMS      | 775.7           | -51.64      | -13         | 38.64       | Pass    | 11          |
| 776                   | 776.9                | 0.1       | RMS      | 776.9           | -17.96      | -13         | 4.96        | Pass    | 10          |
| 776.9                 | 777                  | 0         | RMS      | 776.999         | -18.82      | -13         | 5.82        | Pass    | 2565        |
| 777                   | 787                  | 0.02      | RMS      | 777.02          | 17.57       | 30          | 12.43       | Pass    | 501         |



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

### 18.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

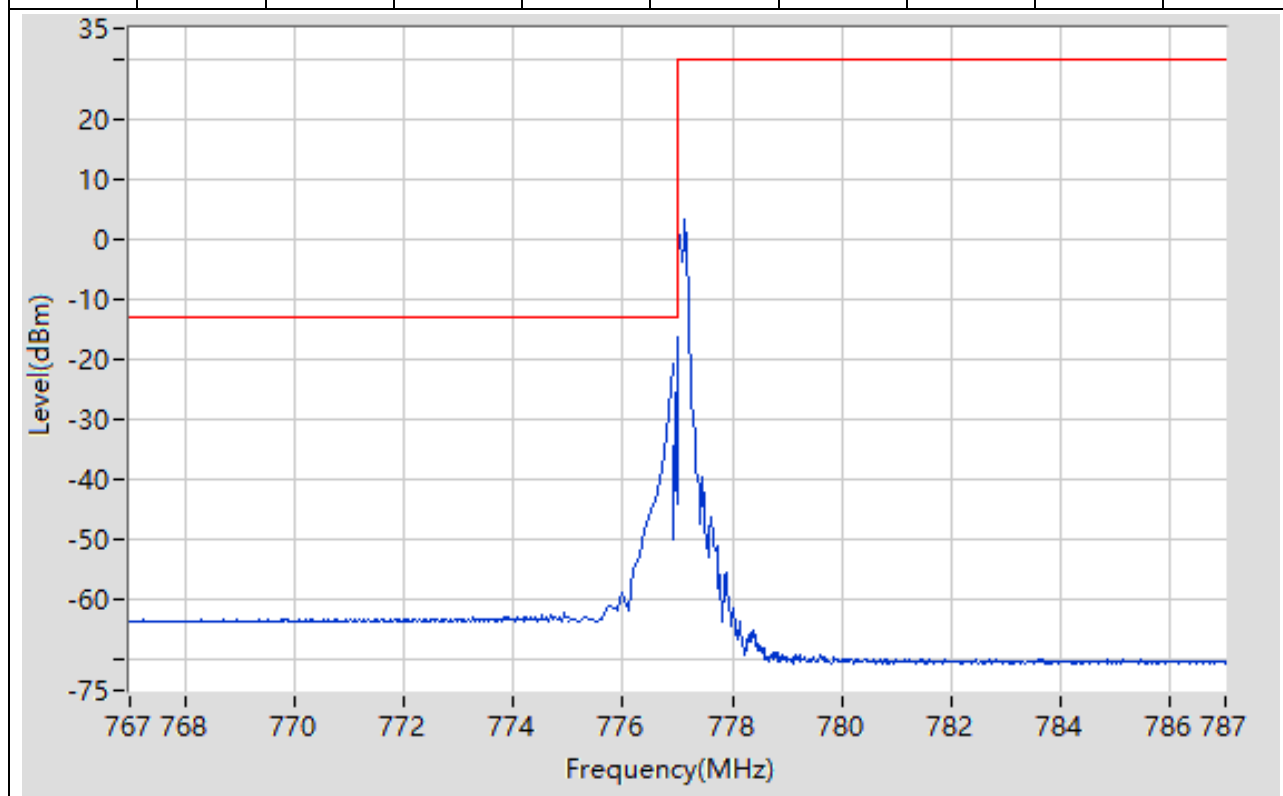
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 767                   | 775                  | 0.1       | RMS      | 774.7           | -60.45      | -13         | 47.45       | Pass    | 401         |
| 775                   | 776                  | 0.1       | RMS      | 775.7           | -54.53      | -13         | 41.53       | Pass    | 11          |
| 776                   | 776.9                | 0.1       | RMS      | 776.9           | -17.24      | -13         | 4.24        | Pass    | 10          |
| 776.9                 | 777                  | 0         | RMS      | 776.996         | -16.22      | -13         | 3.22        | Pass    | 667         |
| 777                   | 787                  | 0.02      | RMS      | 777.02          | 12.59       | 30          | 17.41       | Pass    | 501         |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_12@0\_Low

### 18.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

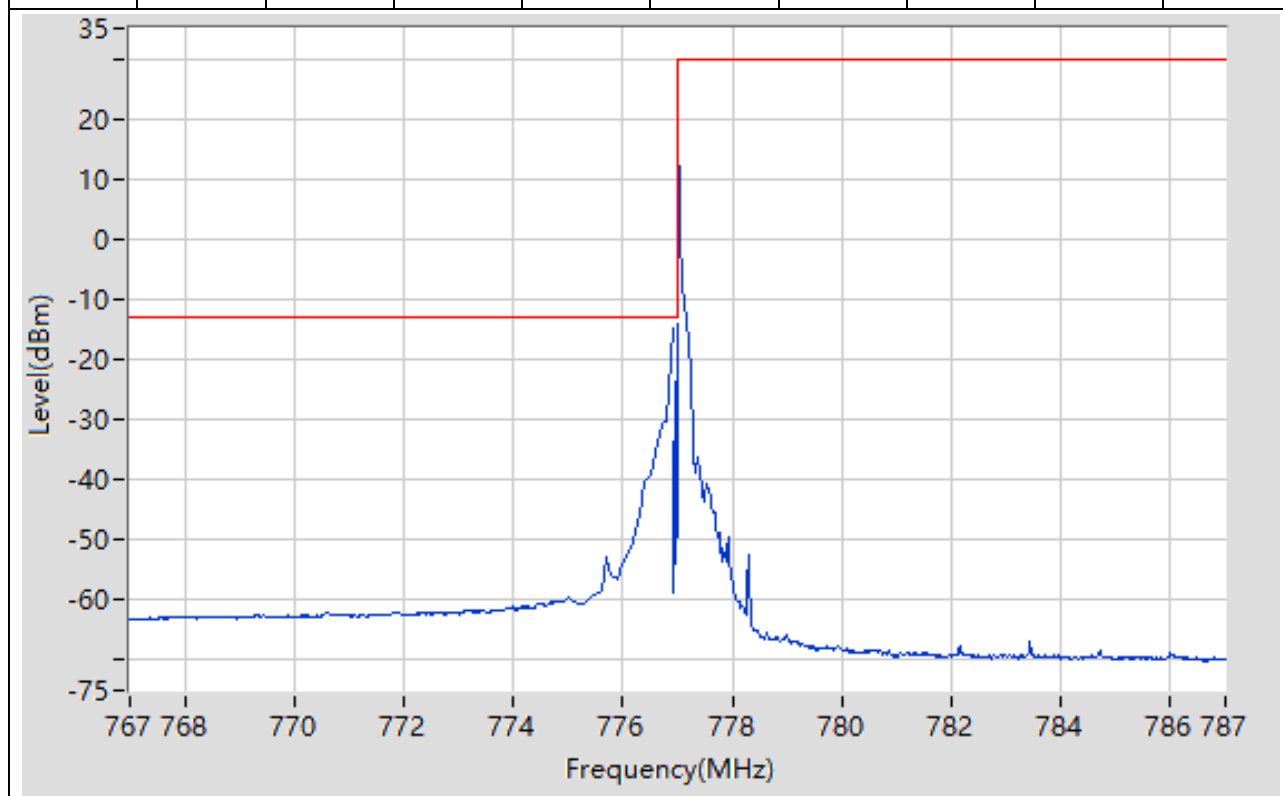
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 767                   | 775                  | 0.1       | RMS      | 774.94          | -62.09      | -13         | 49.09       | Pass    | 401         |
| 775                   | 776.9                | 0.1       | RMS      | 776.9           | -20.73      | -13         | 7.73        | Pass    | 20          |
| 776.9                 | 776.994              | 0.002     | RMS      | 776.983         | -21.78      | -13         | 8.78        | Pass    | 401         |
| 776.994               | 777                  | 0.002     | RMS      | 776.999         | -16.2       | -13         | 3.2         | Pass    | 401         |
| 777                   | 787                  | 0.02      | RMS      | 777.14          | 3.17        | 30          | 26.83       | Pass    | 501         |



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

### 18.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

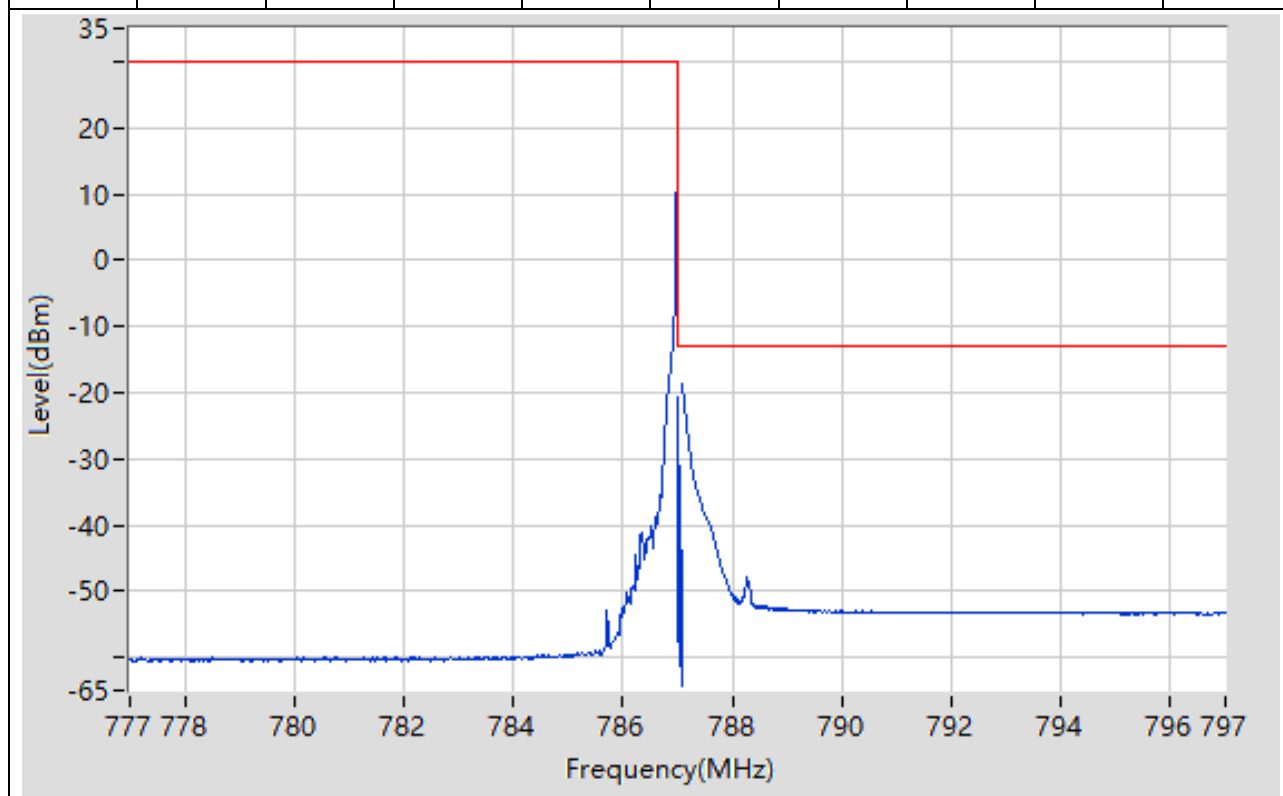
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 767                   | 775                  | 0.1       | RMS      | 775             | -59.65      | -13         | 46.65       | Pass    | 401         |
| 775                   | 776                  | 0.1       | RMS      | 775.7           | -52.74      | -13         | 39.74       | Pass    | 11          |
| 776                   | 776.9                | 0.1       | RMS      | 776.9           | -14.73      | -13         | 1.73        | Pass    | 10          |
| 776.9                 | 777                  | 0         | RMS      | 776.998         | -14.01      | -13         | 1.01        | Pass    | 667         |
| 777                   | 787                  | 0.02      | RMS      | 777.02          | 16.03       | 30          | 13.97       | Pass    | 501         |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@47\_High

### 18.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

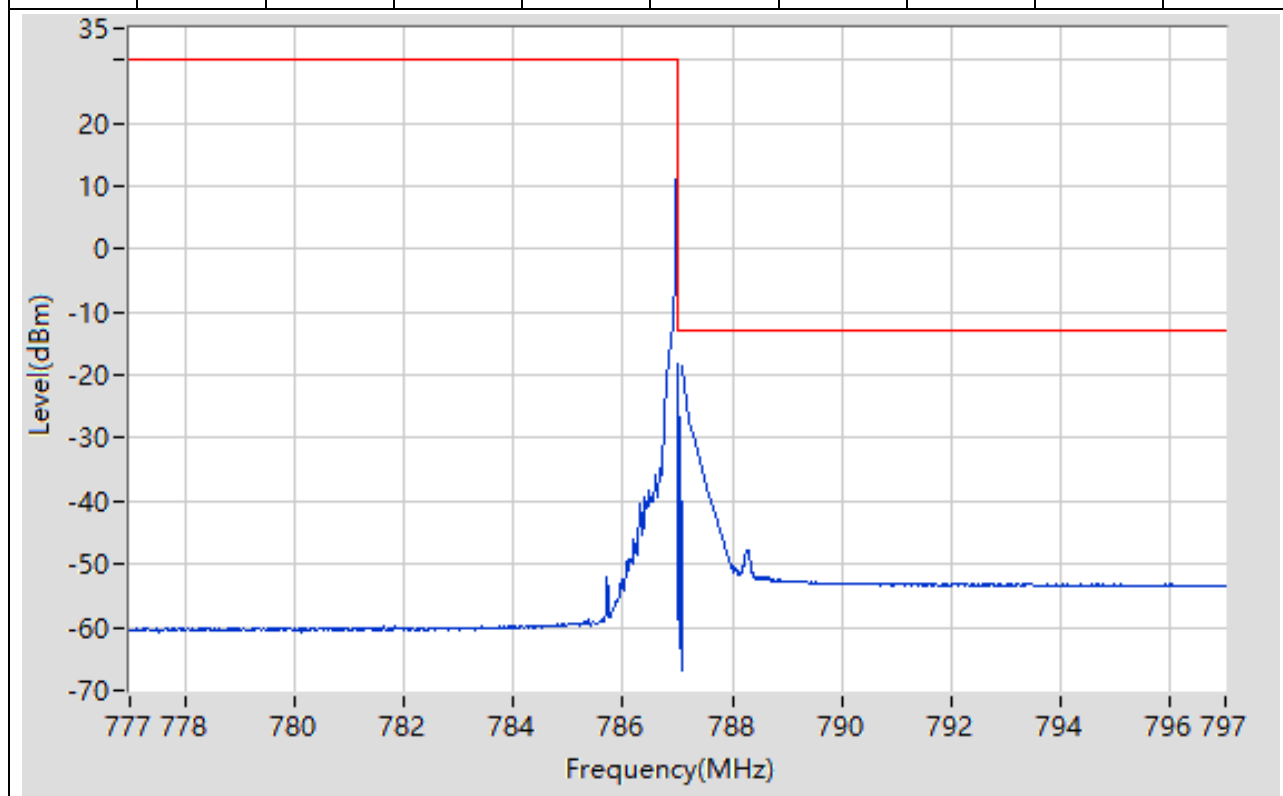
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 777                   | 787                  | 0.02      | RMS      | 786.98          | 16.74       | 30          | 13.26       | Pass    | 501         |
| 787                   | 787.1                | 0         | RMS      | 787.001         | -20.62      | -13         | 7.62        | Pass    | 2565        |
| 787.1                 | 788                  | 0.1       | RMS      | 787.1           | -18.84      | -13         | 5.84        | Pass    | 10          |
| 788                   | 789                  | 0.1       | RMS      | 788.273         | -48.02      | -13         | 35.02       | Pass    | 401         |
| 789                   | 797                  | 0.1       | RMS      | 789             | -52.75      | -13         | 39.75       | Pass    | 401         |



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@47\_High

### 18.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

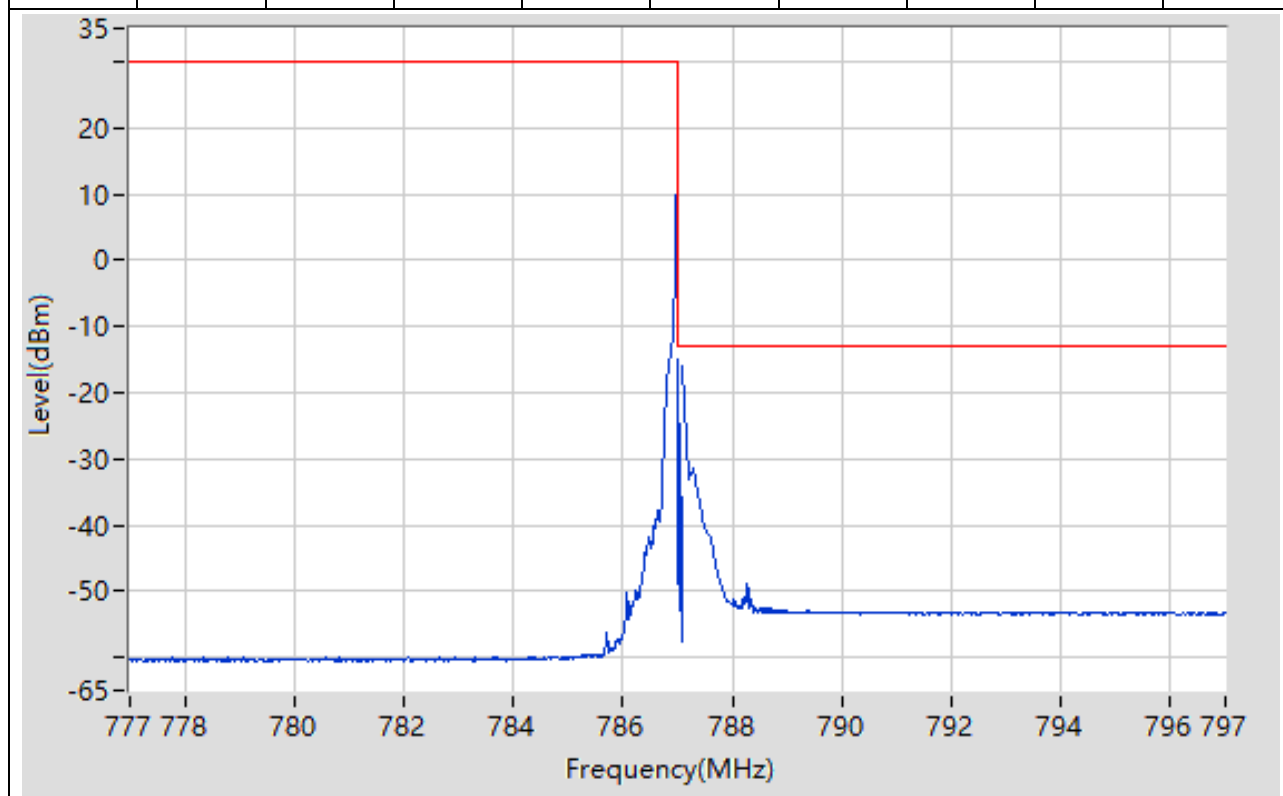
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 777                   | 787                  | 0.02      | RMS      | 786.98          | 17.85       | 30          | 12.15       | Pass    | 501         |
| 787                   | 787.1                | 0         | RMS      | 787.001         | -18.29      | -13         | 5.29        | Pass    | 2565        |
| 787.1                 | 788                  | 0.1       | RMS      | 787.1           | -18.54      | -13         | 5.54        | Pass    | 10          |
| 788                   | 789                  | 0.1       | RMS      | 788.27          | -47.74      | -13         | 34.74       | Pass    | 401         |
| 789                   | 797                  | 0.1       | RMS      | 789.02          | -52.65      | -13         | 39.65       | Pass    | 401         |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@11\_High

### 18.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

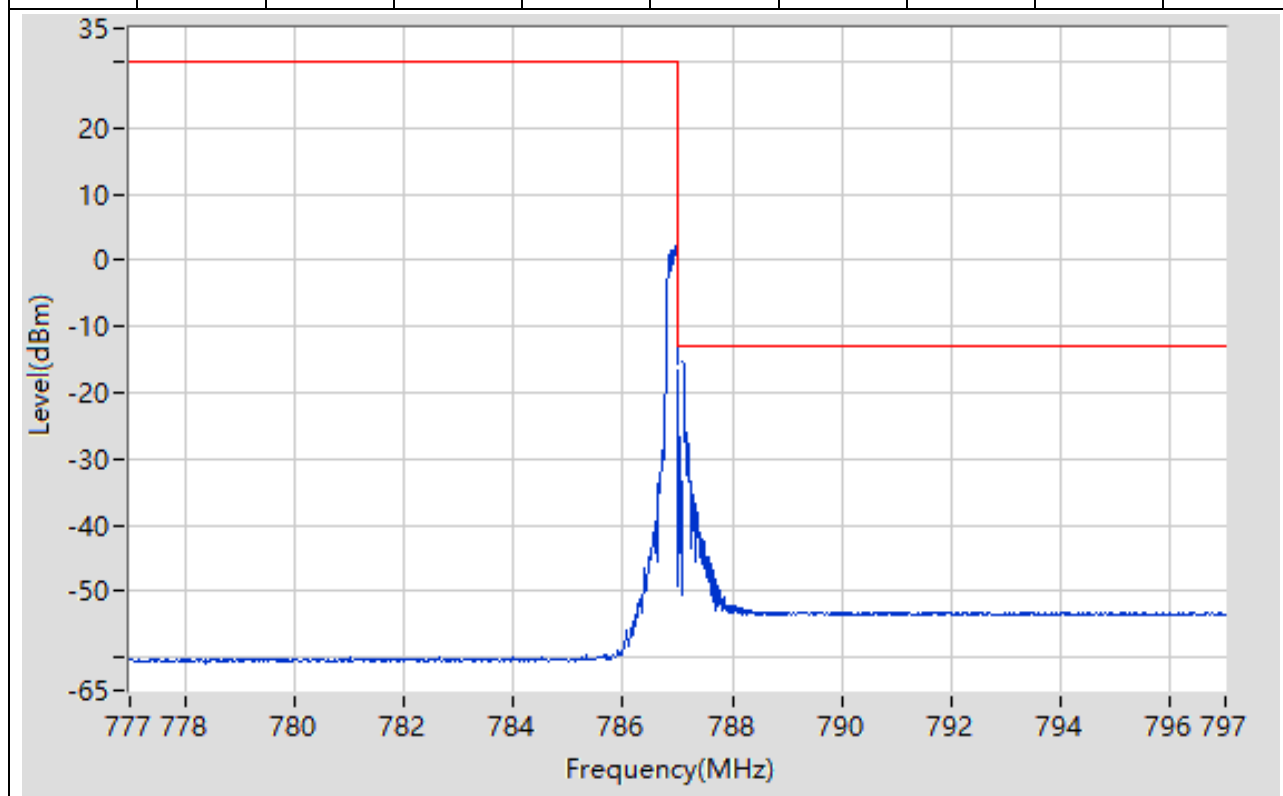
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 777                   | 787                  | 0.02      | RMS      | 786.98          | 13.57       | 30          | 16.43       | Pass    | 501         |
| 787                   | 787.1                | 0         | RMS      | 787.001         | -15.09      | -13         | 2.09        | Pass    | 667         |
| 787.1                 | 788                  | 0.1       | RMS      | 787.1           | -16.11      | -13         | 3.11        | Pass    | 10          |
| 788                   | 789                  | 0.1       | RMS      | 788.268         | -49.02      | -13         | 36.02       | Pass    | 401         |
| 789                   | 797                  | 0.1       | RMS      | 789.36          | -53.03      | -13         | 40.03       | Pass    | 401         |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_12@0\_High

### 18.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

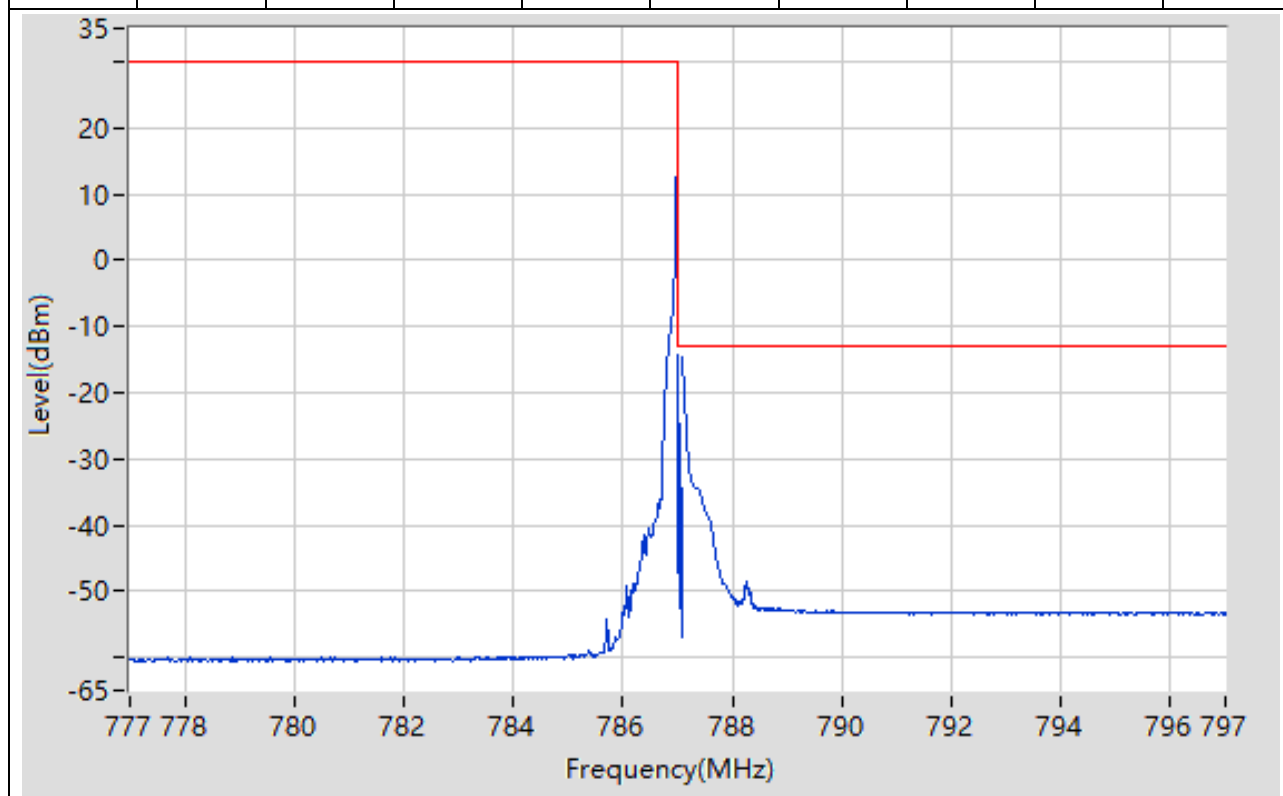
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 777                   | 787                  | 0.02      | RMS      | 786.96          | 2.19        | 30          | 27.81       | Pass    | 501         |
| 787                   | 787.006              | 0.002     | RMS      | 787.003         | -16.73      | -13         | 3.73        | Pass    | 401         |
| 787.006               | 787.1                | 0.002     | RMS      | 787.006         | -22.44      | -13         | 9.44        | Pass    | 401         |
| 787.1                 | 789                  | 0.1       | RMS      | 787.1           | -15.47      | -13         | 2.47        | Pass    | 401         |
| 789                   | 797                  | 0.1       | RMS      | 791.68          | -53.29      | -13         | 40.29       | Pass    | 401         |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@11\_High

### 18.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

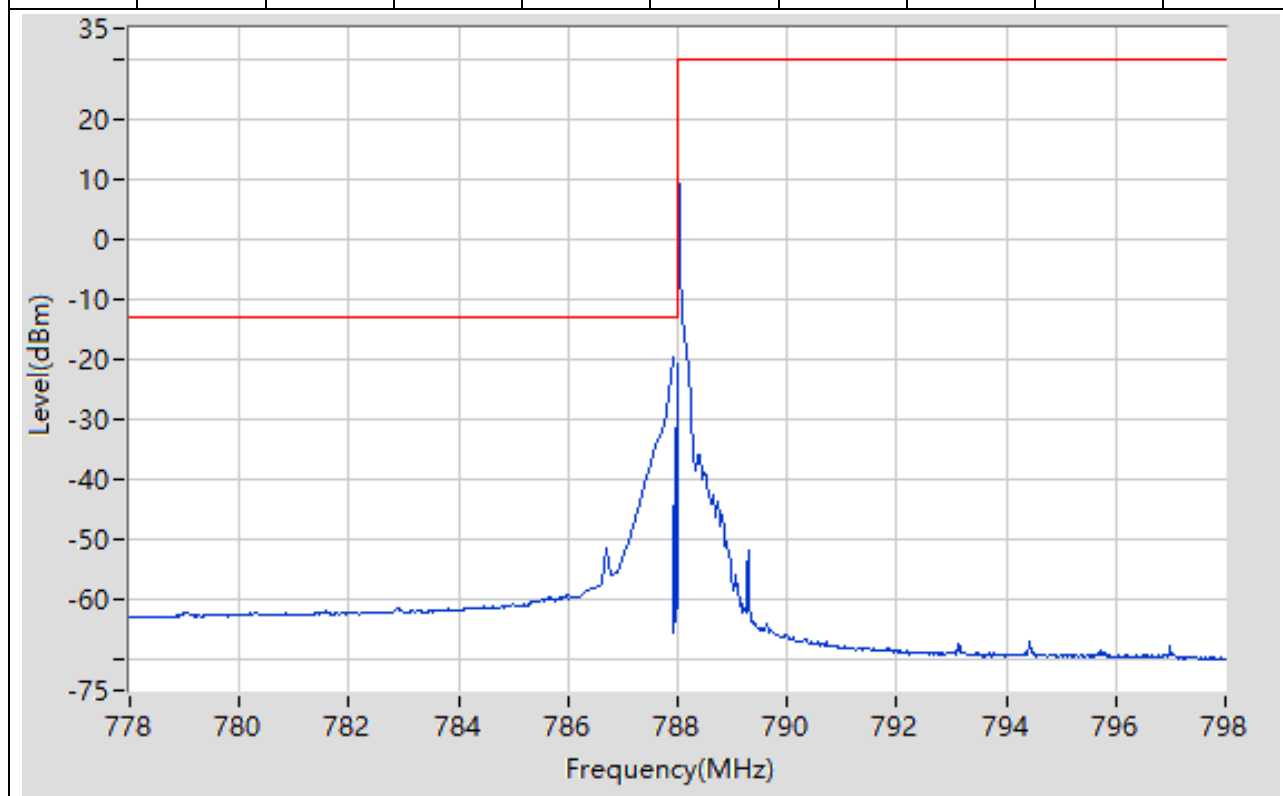
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 777                   | 787                  | 0.02      | RMS      | 786.98          | 16.26       | 30          | 13.74       | Pass    | 501         |
| 787                   | 787.1                | 0         | RMS      | 787.001         | -14.39      | -13         | 1.39        | Pass    | 667         |
| 787.1                 | 788                  | 0.1       | RMS      | 787.1           | -14.81      | -13         | 1.81        | Pass    | 10          |
| 788                   | 789                  | 0.1       | RMS      | 788.255         | -48.62      | -13         | 35.62       | Pass    | 401         |
| 789                   | 797                  | 0.1       | RMS      | 789.02          | -52.78      | -13         | 39.78       | Pass    | 401         |



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

### 19.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

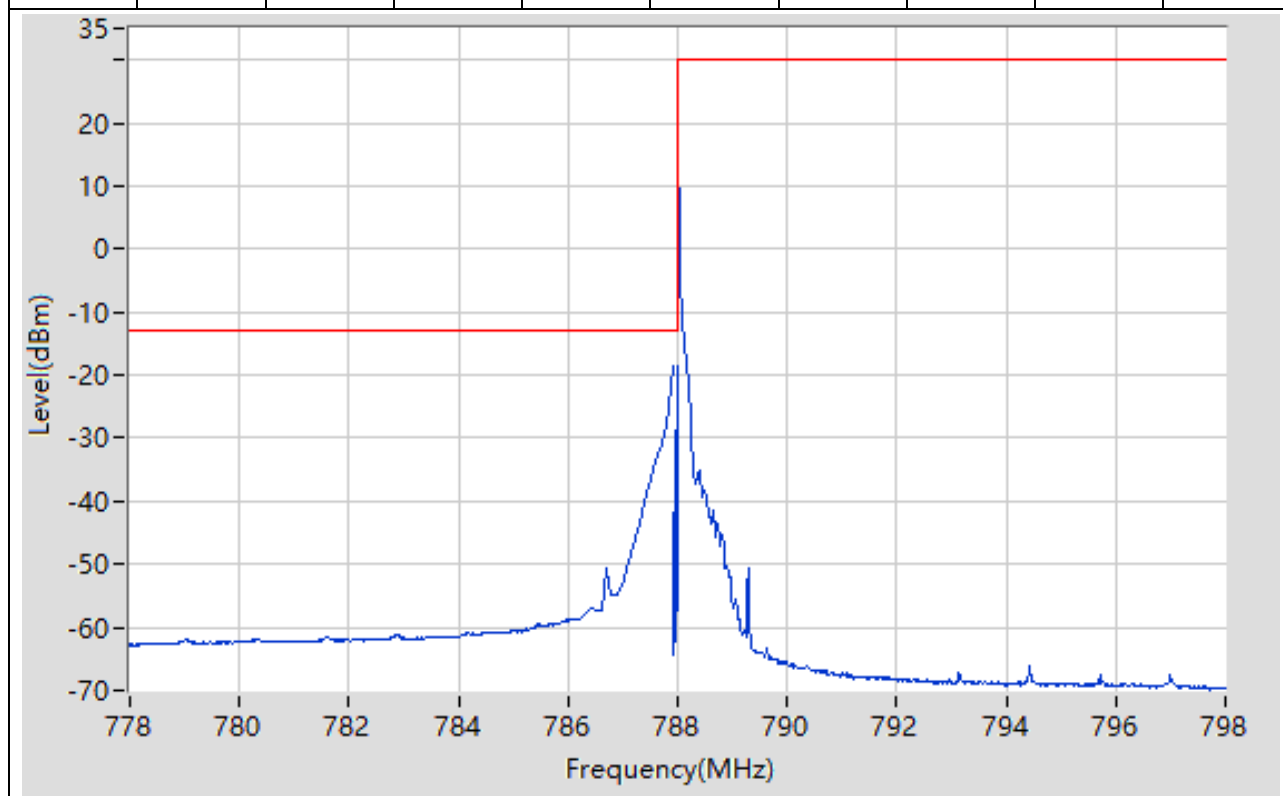
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 778                   | 786                  | 0.1       | RMS      | 786             | -59.08      | -13         | 46.08       | Pass    | 401         |
| 786                   | 787                  | 0.1       | RMS      | 786.7           | -51.29      | -13         | 38.29       | Pass    | 11          |
| 787                   | 787.9                | 0.1       | RMS      | 787.9           | -19.47      | -13         | 6.47        | Pass    | 10          |
| 787.9                 | 788                  | 0         | RMS      | 787.999         | -20.76      | -13         | 7.76        | Pass    | 2565        |
| 788                   | 798                  | 0.02      | RMS      | 788.02          | 16.19       | 30          | 13.81       | Pass    | 501         |



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

### 19.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

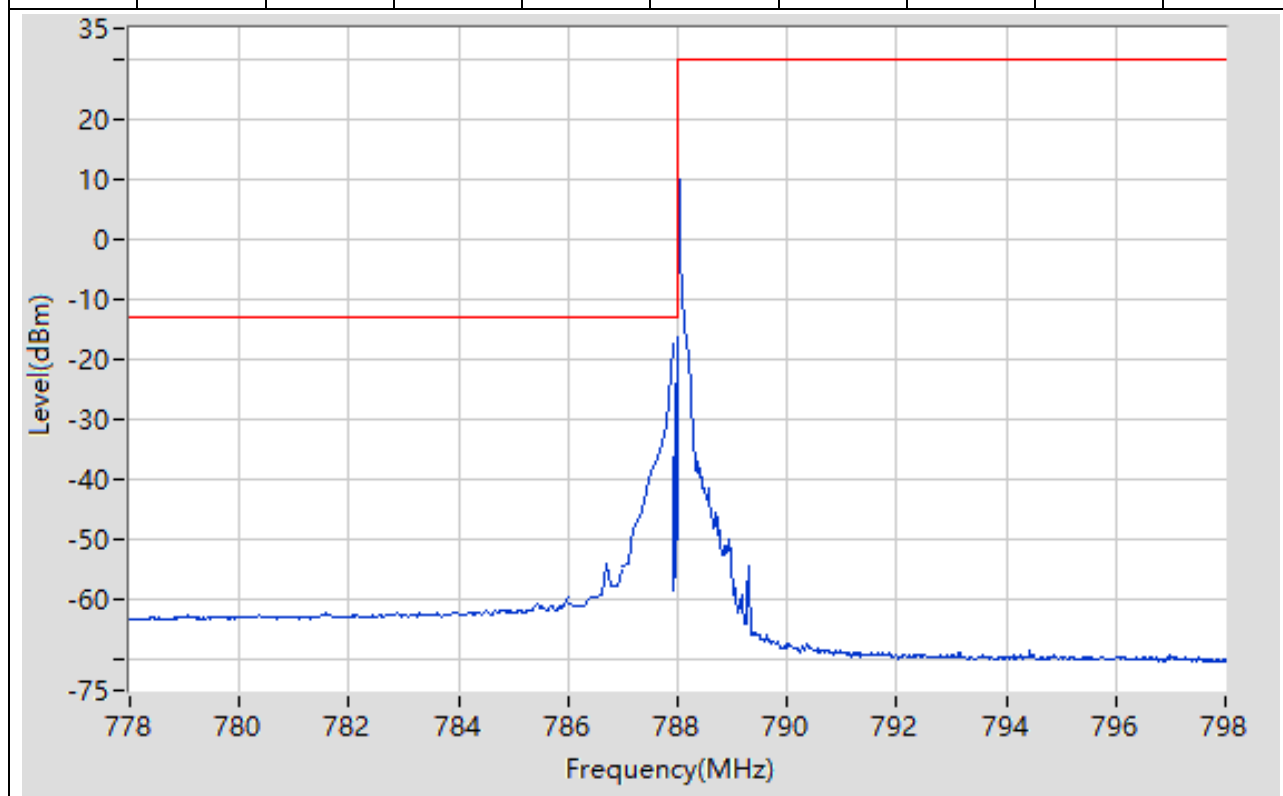
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 778                   | 786                  | 0.1       | RMS      | 786             | -58.6       | -13         | 45.6        | Pass    | 401         |
| 786                   | 787                  | 0.1       | RMS      | 786.7           | -50.65      | -13         | 37.65       | Pass    | 11          |
| 787                   | 787.9                | 0.1       | RMS      | 787.9           | -18.38      | -13         | 5.38        | Pass    | 10          |
| 787.9                 | 788                  | 0         | RMS      | 787.999         | -18.56      | -13         | 5.56        | Pass    | 1961        |
| 788                   | 798                  | 0.02      | RMS      | 788.02          | 16.78       | 30          | 13.22       | Pass    | 501         |



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

### 19.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

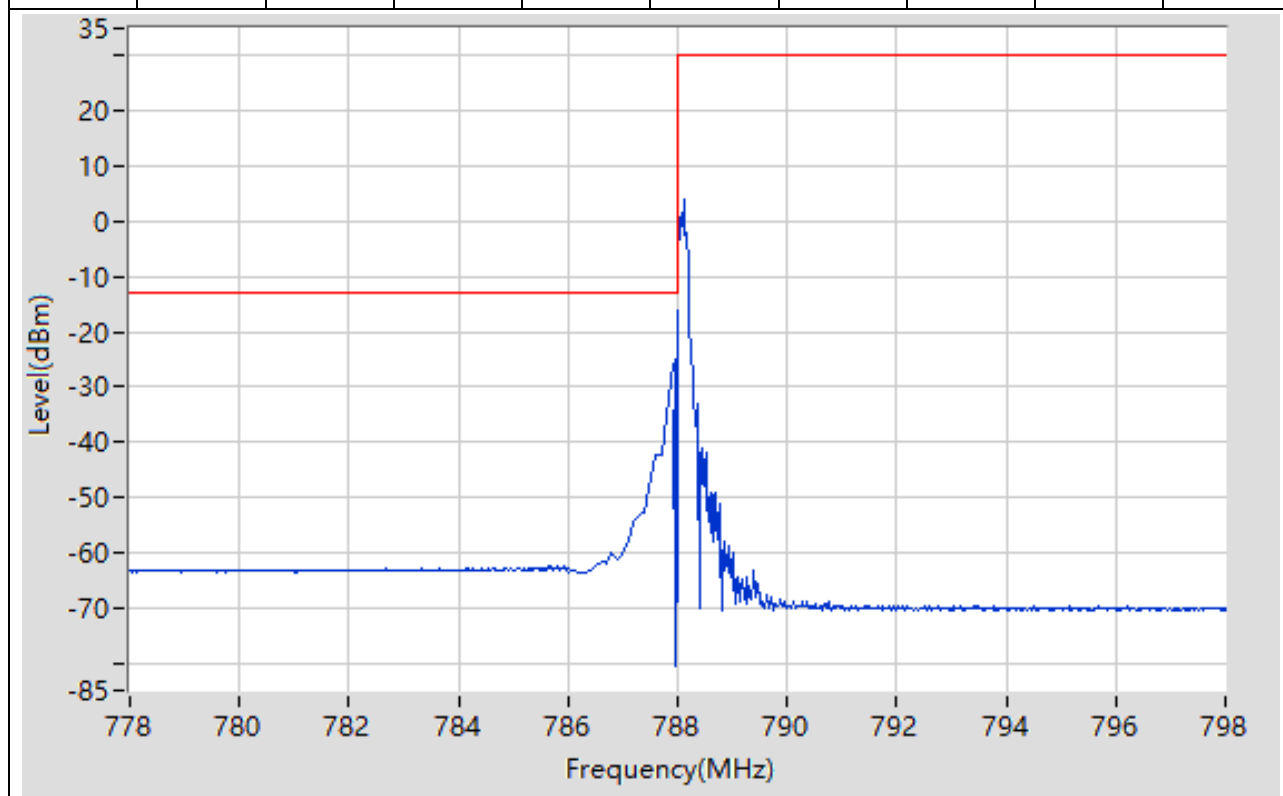
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 778                   | 786                  | 0.1       | RMS      | 786             | -59.6       | -13         | 46.6        | Pass    | 401         |
| 786                   | 787                  | 0.1       | RMS      | 786.7           | -54.04      | -13         | 41.04       | Pass    | 11          |
| 787                   | 787.9                | 0.1       | RMS      | 787.9           | -17.24      | -13         | 4.24        | Pass    | 10          |
| 787.9                 | 788                  | 0         | RMS      | 788             | -16.29      | -13         | 3.29        | Pass    | 667         |
| 788                   | 798                  | 0.02      | RMS      | 788.02          | 14.46       | 30          | 15.54       | Pass    | 501         |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_12@0\_Low

### 19.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

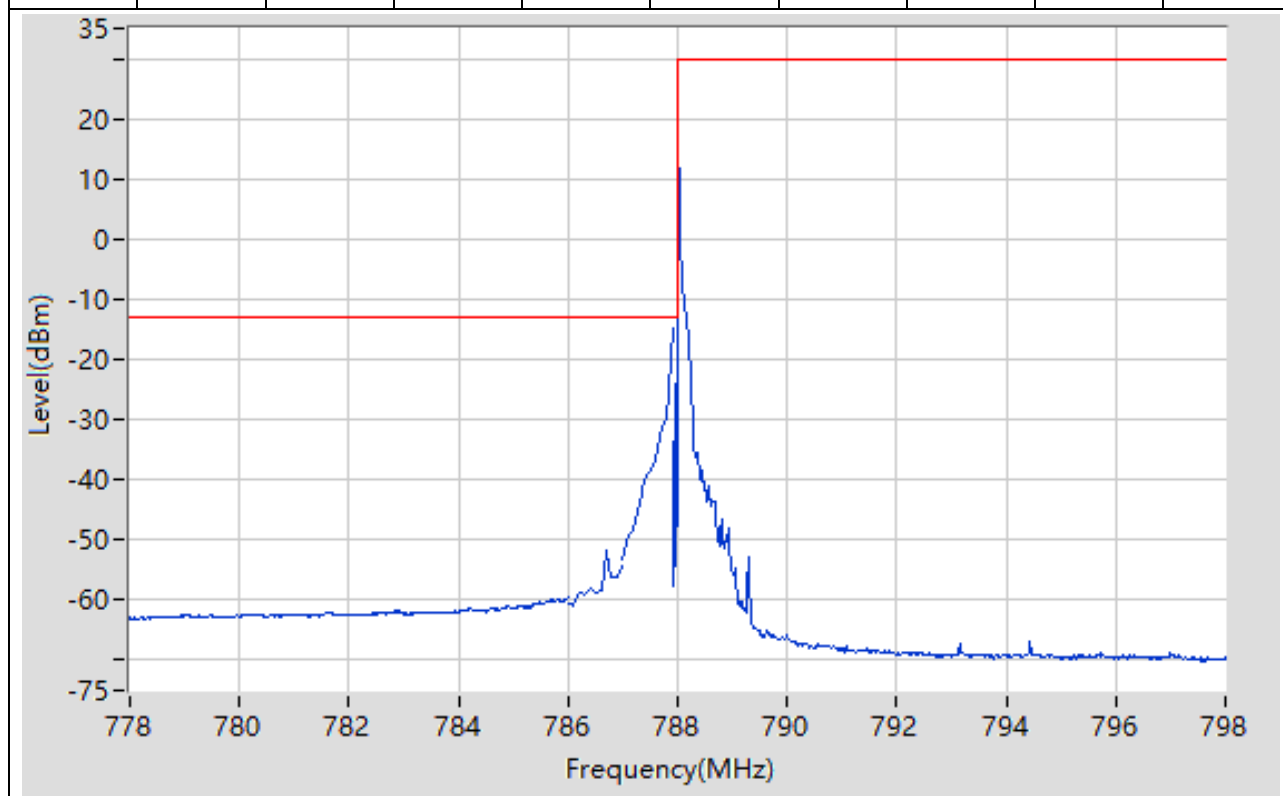
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 778                   | 786                  | 0.1       | RMS      | 785.68          | -62.51      | -13         | 49.51       | Pass    | 401         |
| 786                   | 787.9                | 0.1       | RMS      | 787.9           | -25.78      | -13         | 12.78       | Pass    | 20          |
| 787.9                 | 787.994              | 0.002     | RMS      | 787.985         | -21.88      | -13         | 8.88        | Pass    | 401         |
| 787.994               | 788                  | 0.002     | RMS      | 787.998         | -15.97      | -13         | 2.97        | Pass    | 401         |
| 788                   | 798                  | 0.02      | RMS      | 788.12          | 3.9         | 30          | 26.1        | Pass    | 501         |



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

### 19.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

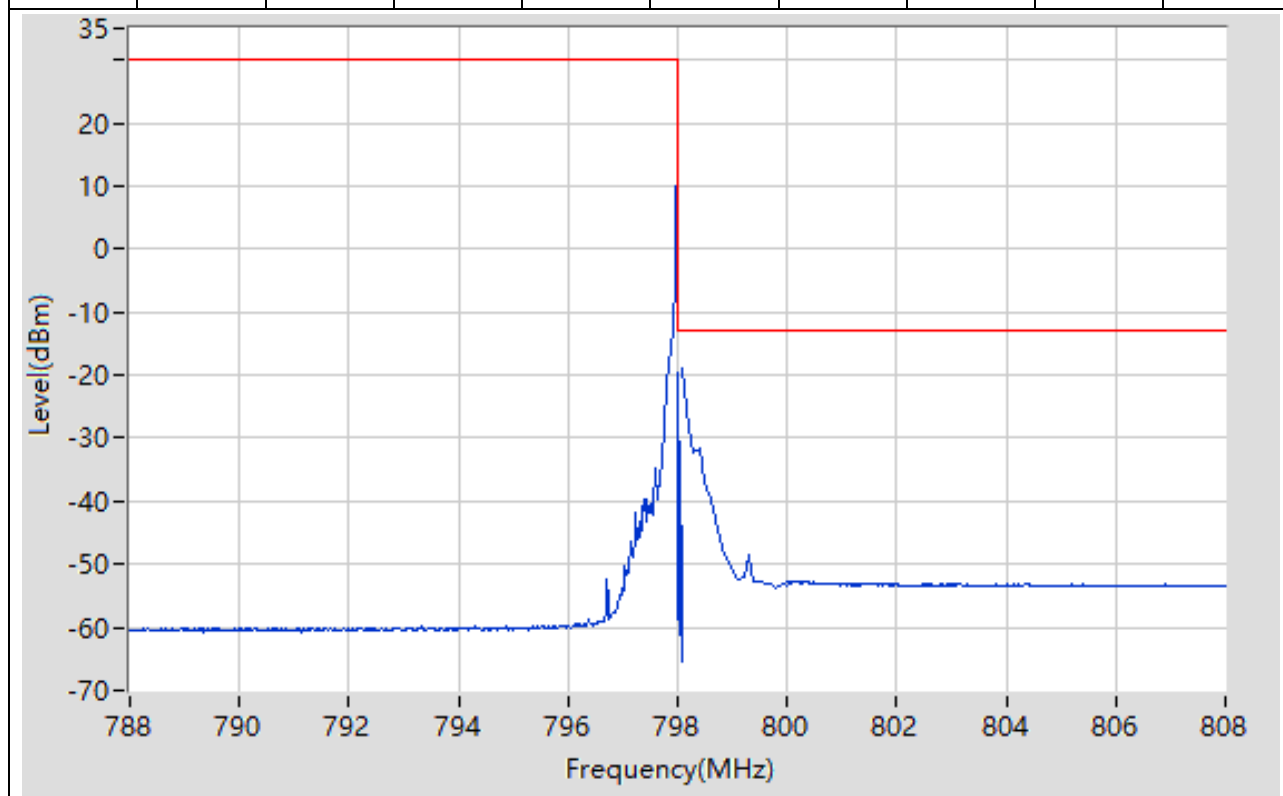
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 778                   | 786                  | 0.1       | RMS      | 786             | -59.56      | -13         | 46.56       | Pass    | 401         |
| 786                   | 787                  | 0.1       | RMS      | 786.7           | -51.75      | -13         | 38.75       | Pass    | 11          |
| 787                   | 787.9                | 0.1       | RMS      | 787.9           | -14.98      | -13         | 1.98        | Pass    | 10          |
| 787.9                 | 788                  | 0         | RMS      | 787.998         | -13.37      | -13         | 0.37        | Pass    | 667         |
| 788                   | 798                  | 0.02      | RMS      | 788.02          | 15.68       | 30          | 14.32       | Pass    | 501         |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@47\_High

### 19.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

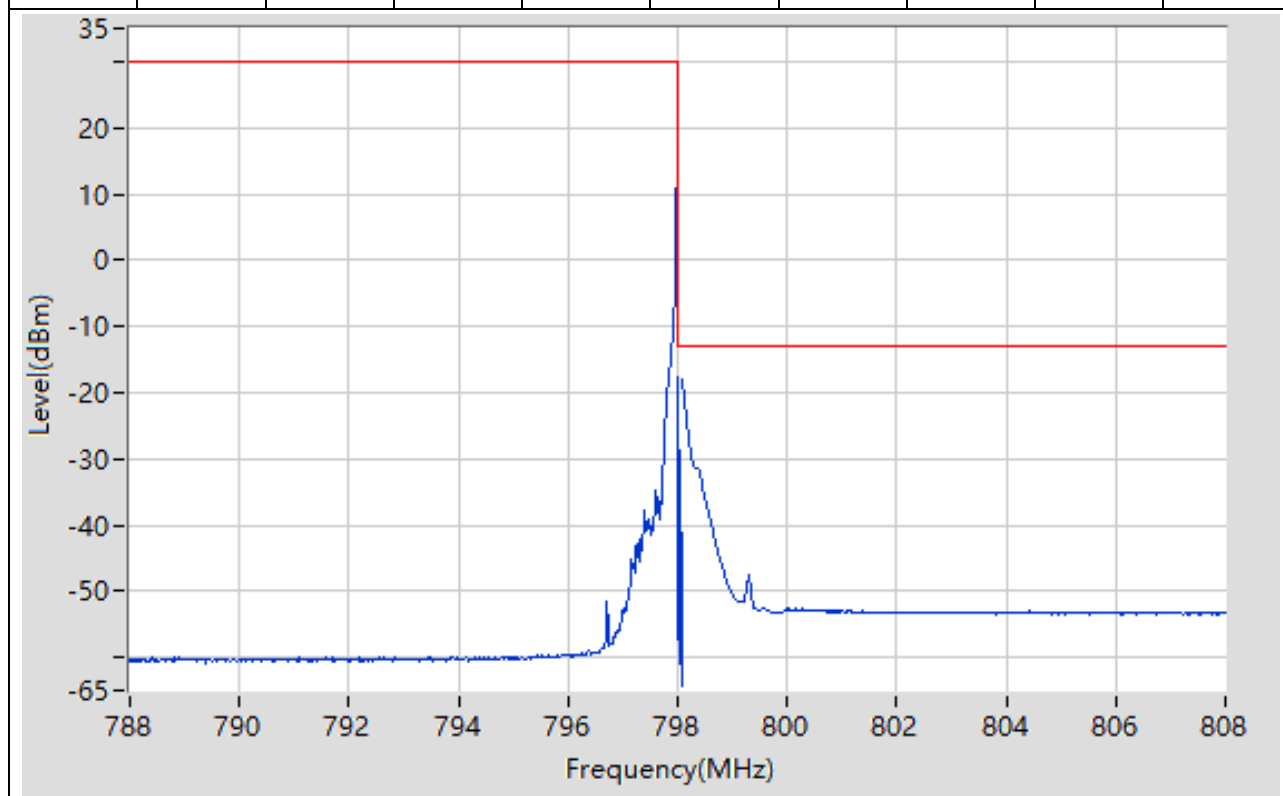
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 788                   | 798                  | 0.02      | RMS      | 797.98          | 16.75       | 30          | 13.25       | Pass    | 501         |
| 798                   | 798.1                | 0         | RMS      | 798             | -19.62      | -13         | 6.62        | Pass    | 2565        |
| 798.1                 | 799                  | 0.1       | RMS      | 798.1           | -18.9       | -13         | 5.9         | Pass    | 10          |
| 799                   | 800                  | 0.1       | RMS      | 799.3           | -48.34      | -13         | 35.34       | Pass    | 11          |
| 800                   | 808                  | 0.1       | RMS      | 800.38          | -52.76      | -13         | 39.76       | Pass    | 401         |



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@47\_High

### 19.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

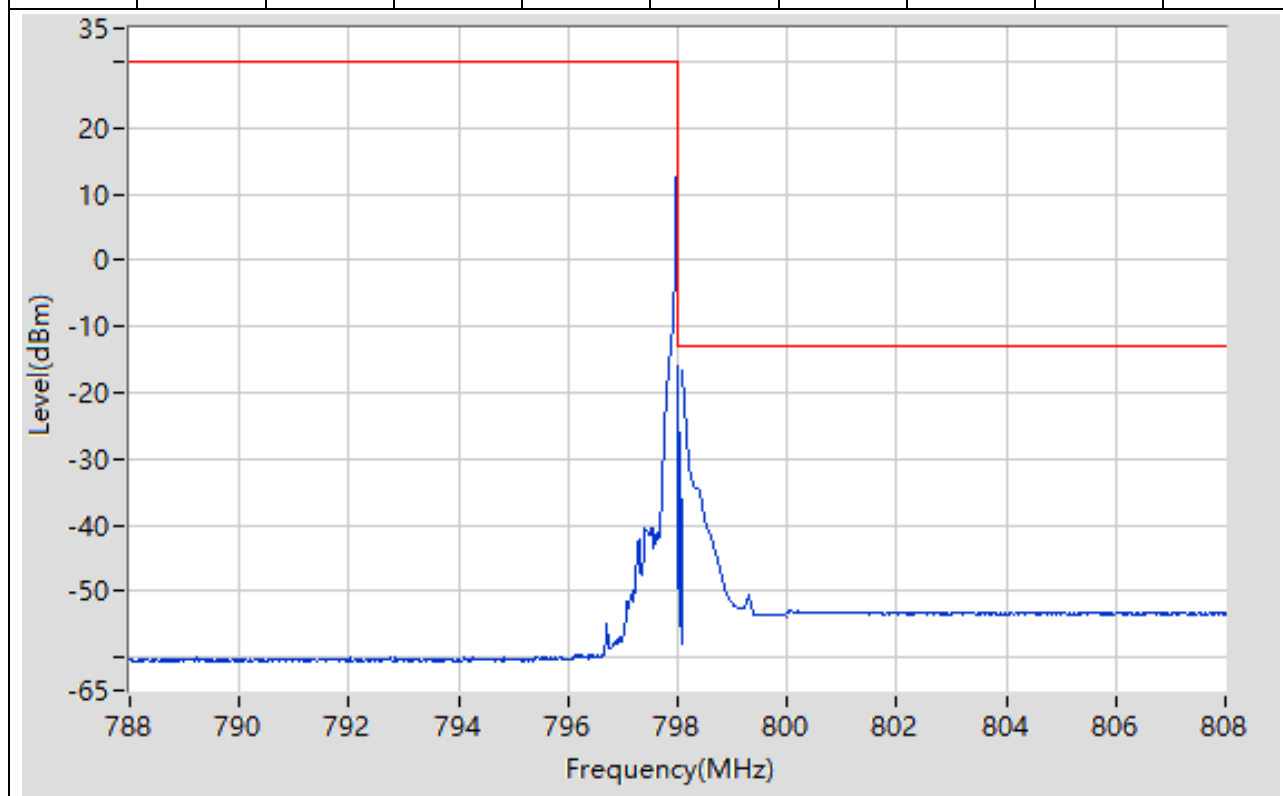
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 788                   | 798                  | 0.02      | RMS      | 797.98          | 17.49       | 30          | 12.51       | Pass    | 501         |
| 798                   | 798.1                | 0         | RMS      | 798             | -17.74      | -13         | 4.74        | Pass    | 1961        |
| 798.1                 | 799                  | 0.1       | RMS      | 798.1           | -17.86      | -13         | 4.86        | Pass    | 10          |
| 799                   | 800                  | 0.1       | RMS      | 799.3           | -47.5       | -13         | 34.5        | Pass    | 11          |
| 800                   | 808                  | 0.1       | RMS      | 800             | -52.65      | -13         | 39.65       | Pass    | 401         |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@11\_High

### 19.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

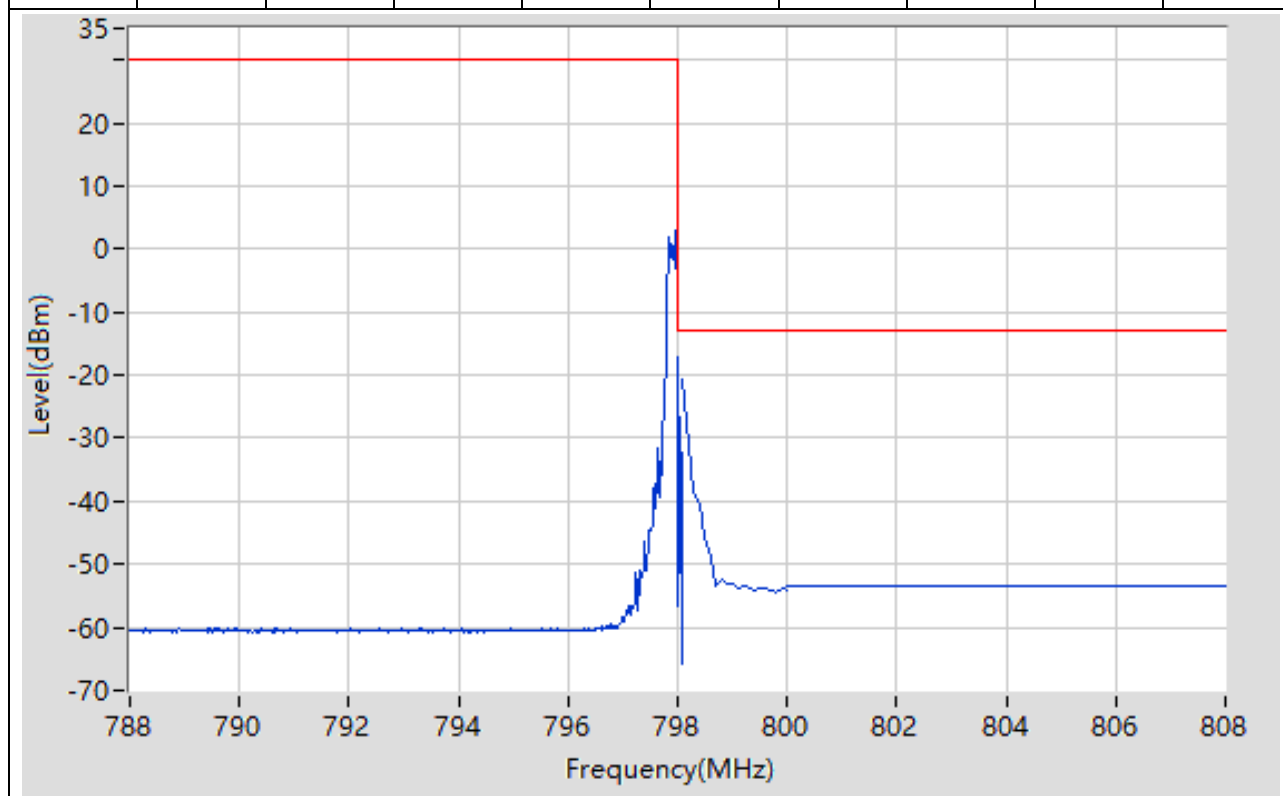
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 788                   | 798                  | 0.02      | RMS      | 797.98          | 16.19       | 30          | 13.81       | Pass    | 501         |
| 798                   | 798.1                | 0         | RMS      | 798.003         | -15.85      | -13         | 2.85        | Pass    | 667         |
| 798.1                 | 799                  | 0.1       | RMS      | 798.1           | -16.8       | -13         | 3.8         | Pass    | 10          |
| 799                   | 800                  | 0.1       | RMS      | 799.3           | -50.64      | -13         | 37.64       | Pass    | 11          |
| 800                   | 808                  | 0.1       | RMS      | 800.08          | -52.99      | -13         | 39.99       | Pass    | 401         |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_12@0\_High

### 19.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

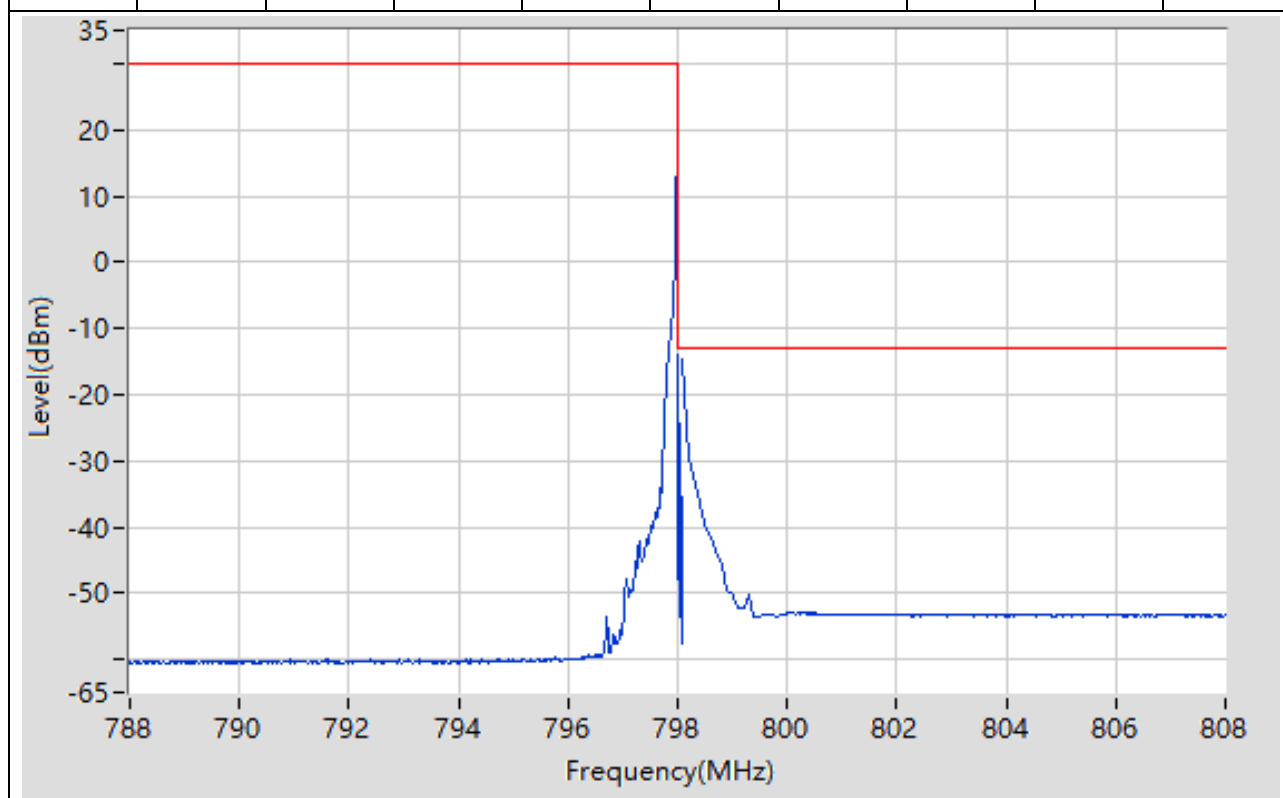
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 788                   | 798                  | 0.02      | RMS      | 797.96          | 3.05        | 30          | 26.95       | Pass    | 501         |
| 798                   | 798.006              | 0.002     | RMS      | 798.003         | -17.02      | -13         | 4.02        | Pass    | 401         |
| 798.006               | 798.1                | 0.002     | RMS      | 798.014         | -20.76      | -13         | 7.76        | Pass    | 401         |
| 798.1                 | 800                  | 0.1       | RMS      | 798.1           | -20.75      | -13         | 7.75        | Pass    | 20          |
| 800                   | 808                  | 0.1       | RMS      | 800.56          | -53.27      | -13         | 40.27       | Pass    | 401         |



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@11\_High

### 19.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

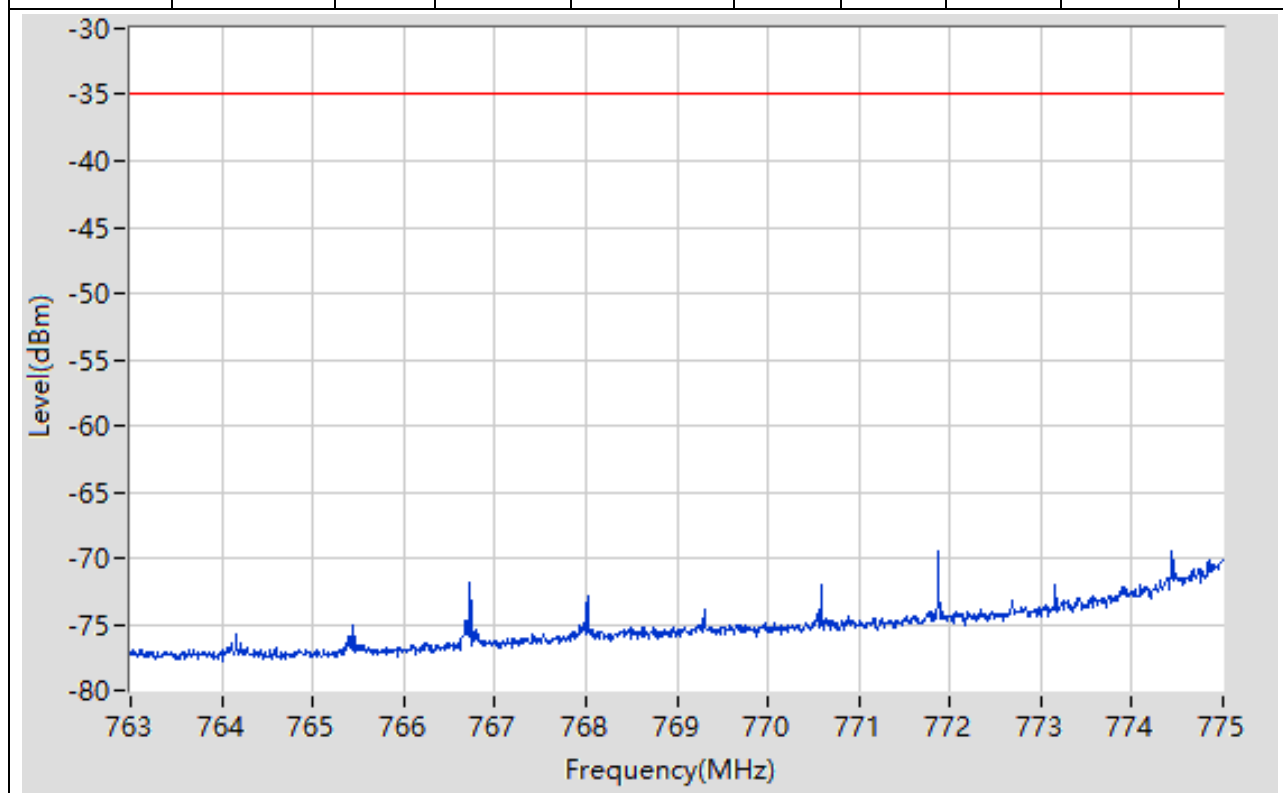
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 788                   | 798                  | 0.02      | RMS      | 797.98          | 16.95       | 30          | 13.05       | Pass    | 501         |
| 798                   | 798.1                | 0         | RMS      | 798.001         | -13.89      | -13         | 0.89        | Pass    | 667         |
| 798.1                 | 799                  | 0.1       | RMS      | 798.1           | -14.74      | -13         | 1.74        | Pass    | 10          |
| 799                   | 800                  | 0.1       | RMS      | 799.3           | -50.09      | -13         | 37.09       | Pass    | 11          |
| 800                   | 808                  | 0.1       | RMS      | 800.18          | -52.9       | -13         | 39.9        | Pass    | 401         |



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

### 20.1. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

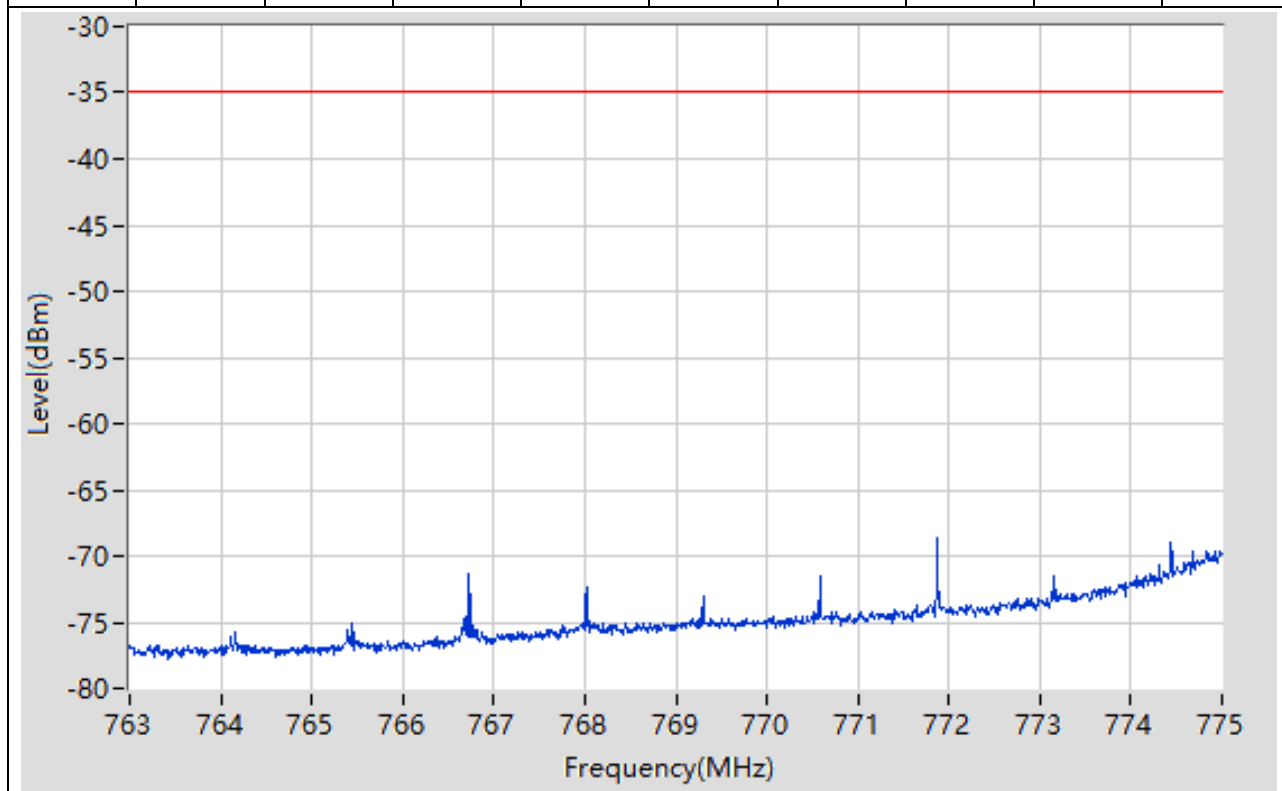
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 774.44          | -69.47      | -35         | 34.47       | Pass    | 1201        |



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

### 20.2. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

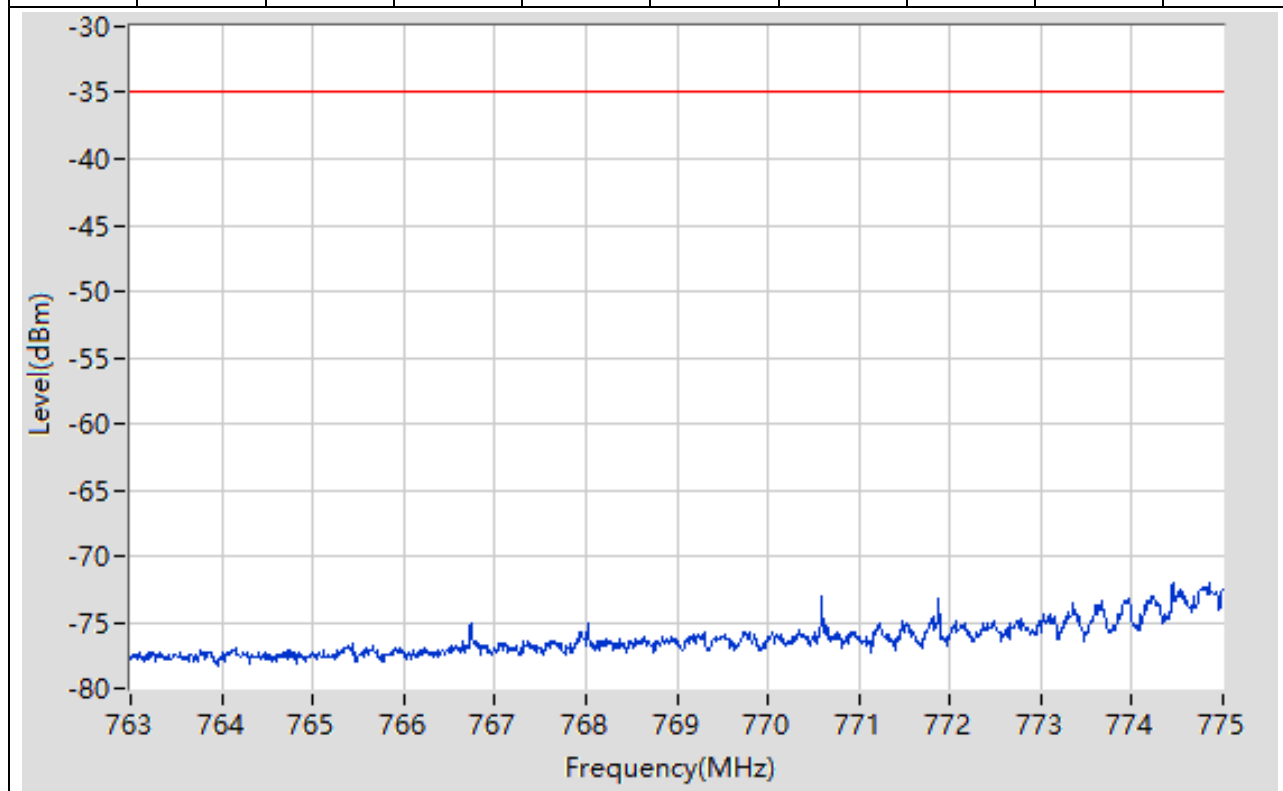
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 771.87          | -68.72      | -35         | 33.72       | Pass    | 1201        |



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

### 20.3. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

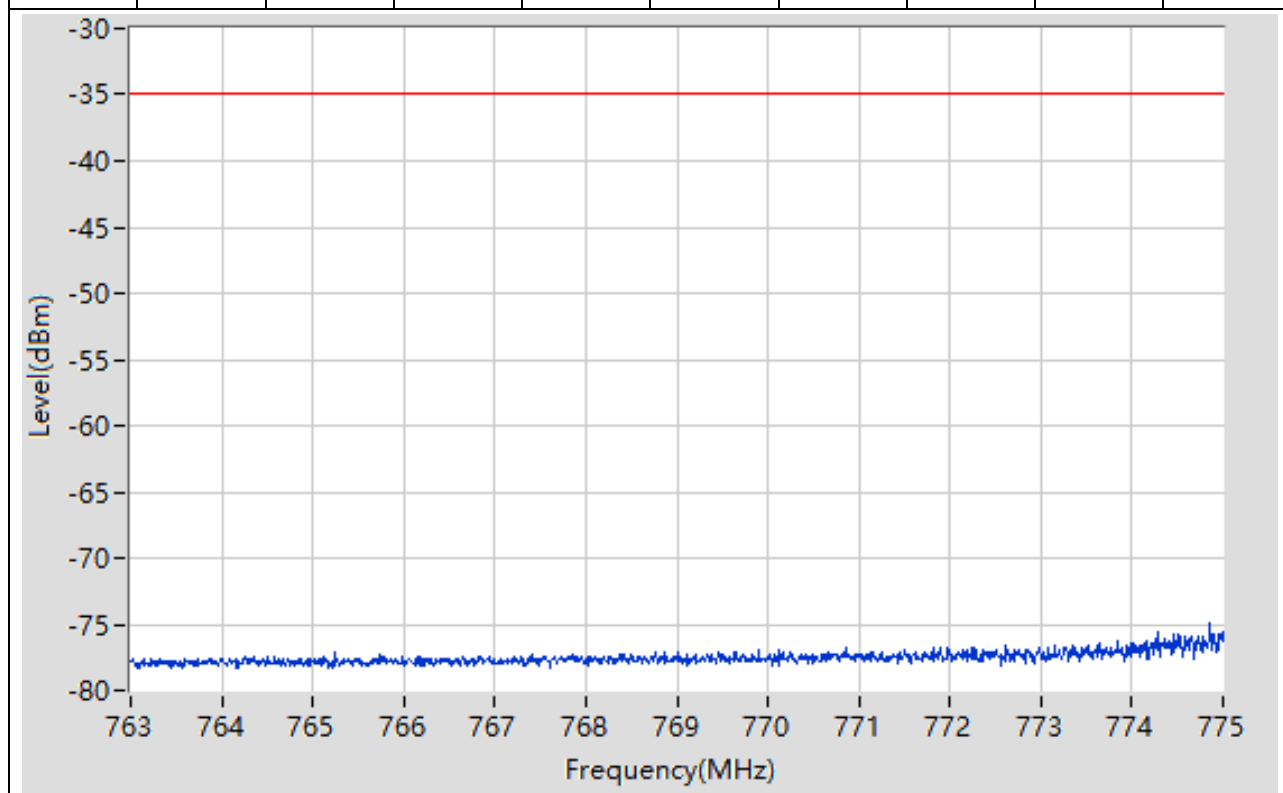
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 774.85          | -71.97      | -35         | 36.97       | Pass    | 1201        |



## 20. NB-IoT\_Band13\_QPSK\_15kHz\_12@0\_Low

### 20.4. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

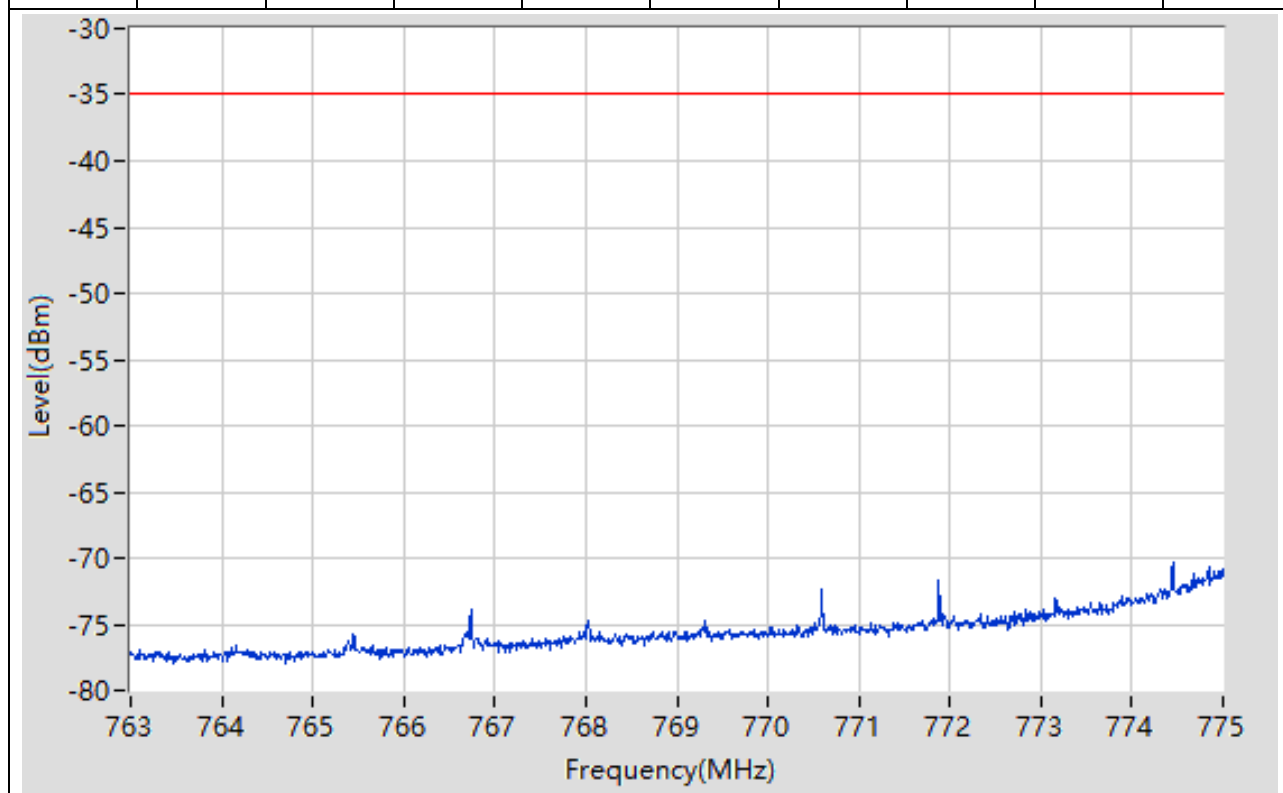
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 774.86          | -74.94      | -35         | 39.94       | Pass    | 1201        |



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

### 20.5. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

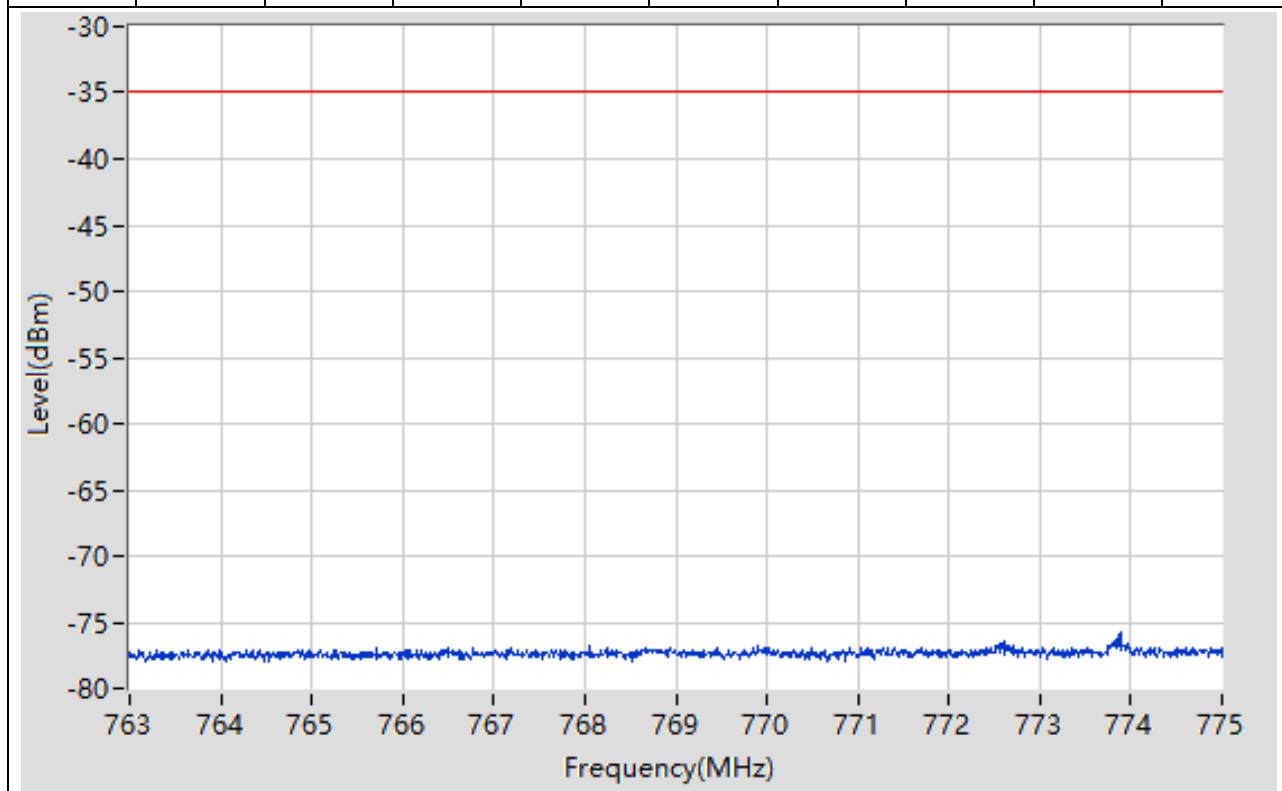
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 774.45          | -70.26      | -35         | 35.26       | Pass    | 1201        |



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

### 20.6. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

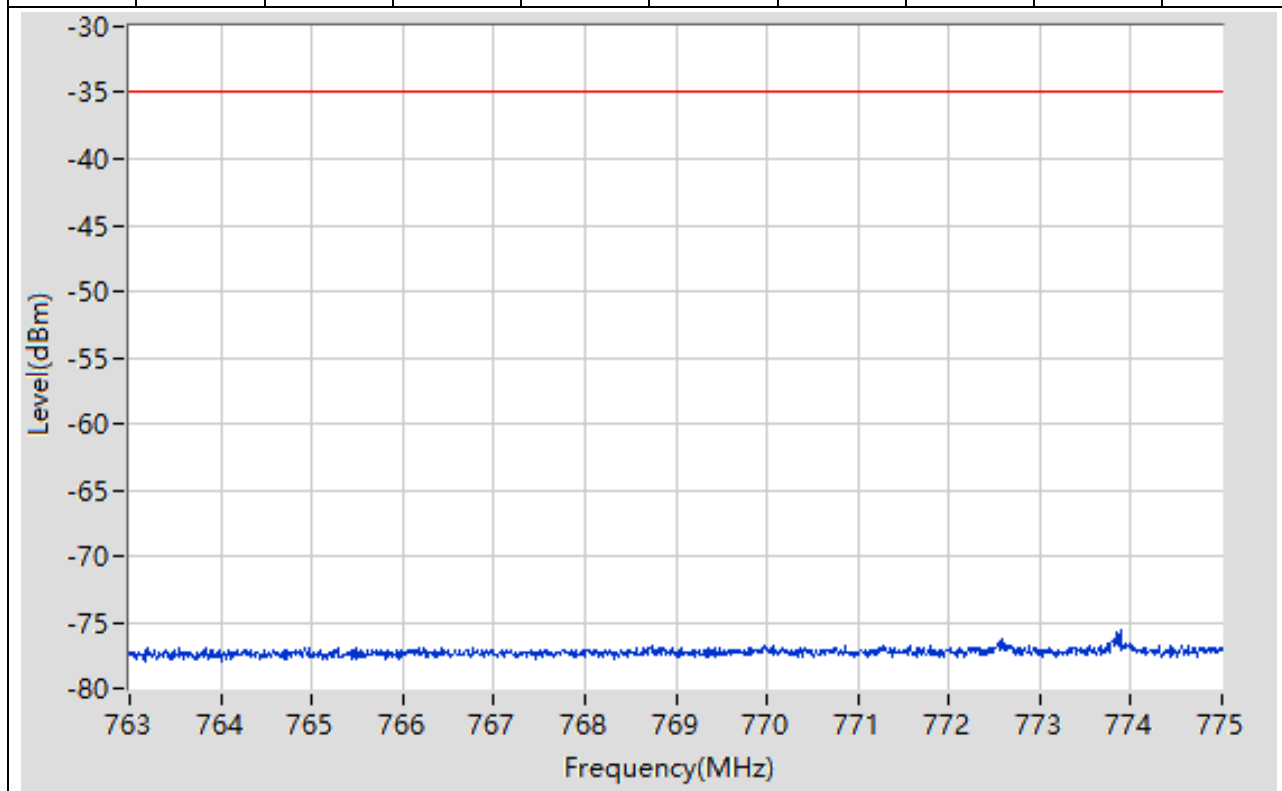
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 773.88          | -75.76      | -35         | 40.76       | Pass    | 1201        |



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

### 20.7. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

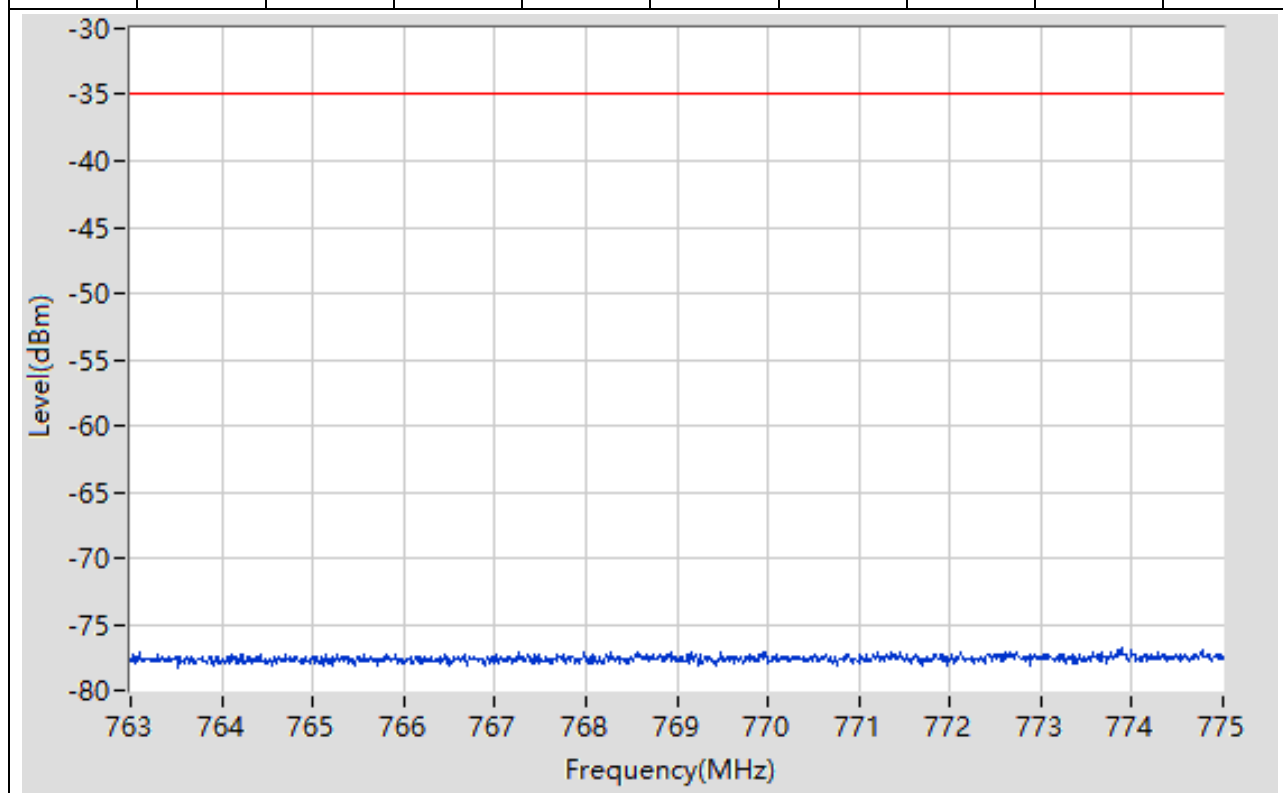
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 773.88          | -75.57      | -35         | 40.57       | Pass    | 1201        |



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

### 20.8. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

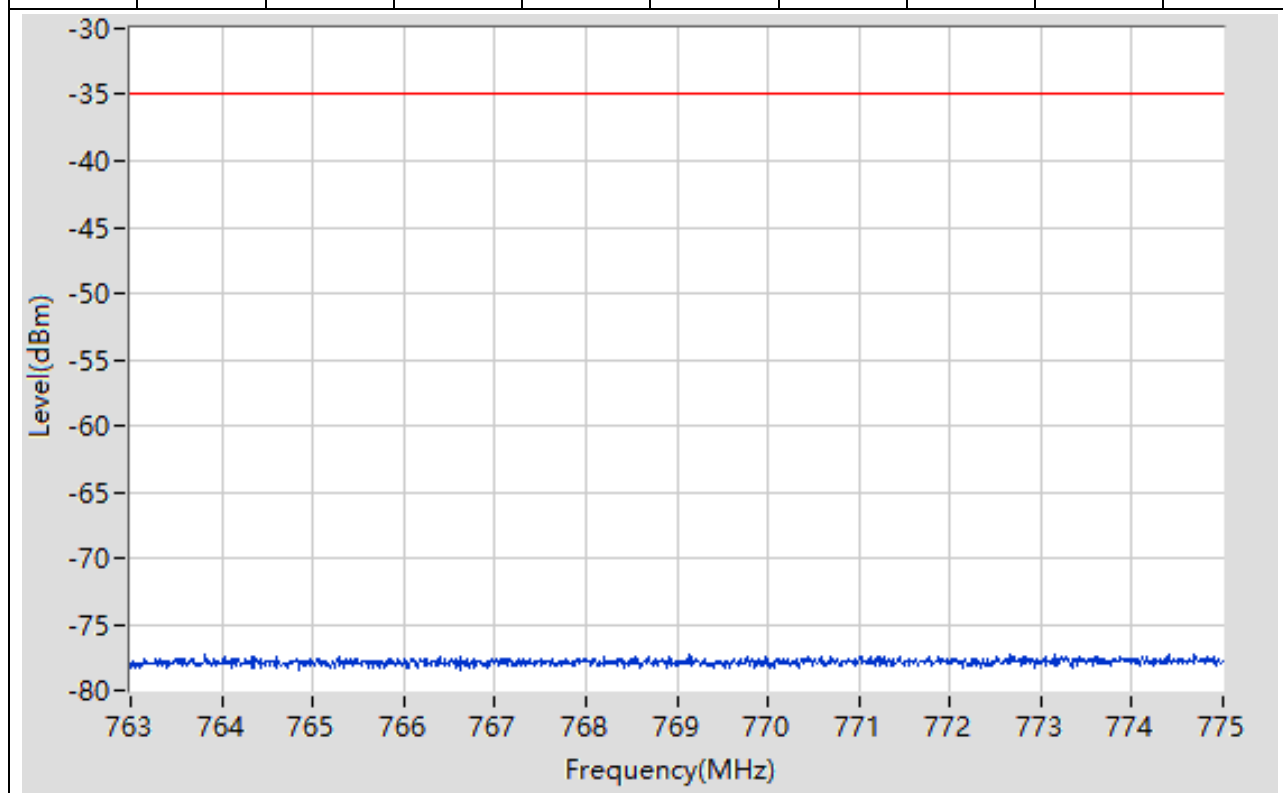
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 773.89          | -76.7       | -35         | 41.7        | Pass    | 1201        |



## 20. NB-IoT\_Band14\_QPSK\_15kHz\_12@0\_Low

### 20.9. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

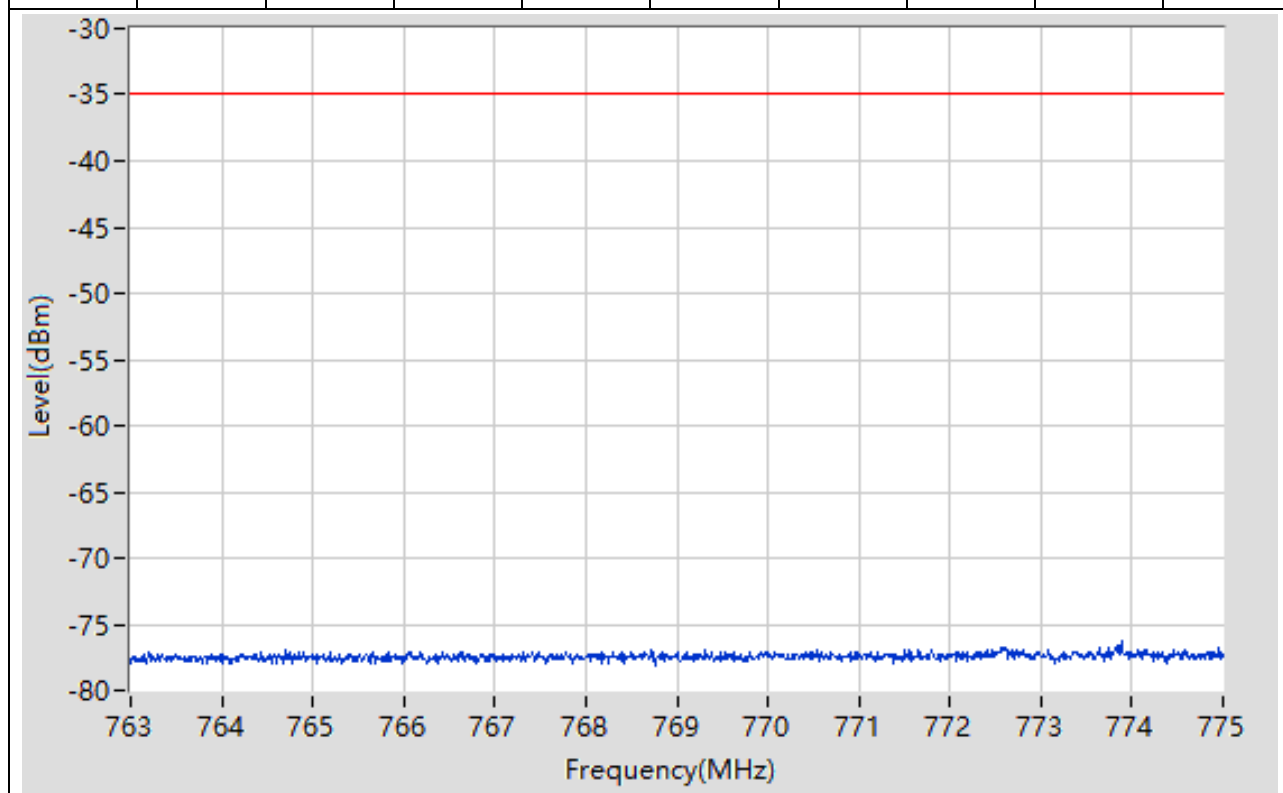
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 774.4           | -77.24      | -35         | 42.24       | Pass    | 1201        |



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

### 20.10. NB-IoT Emissions Mask for Lower\_Part22-24-27(NTNV)

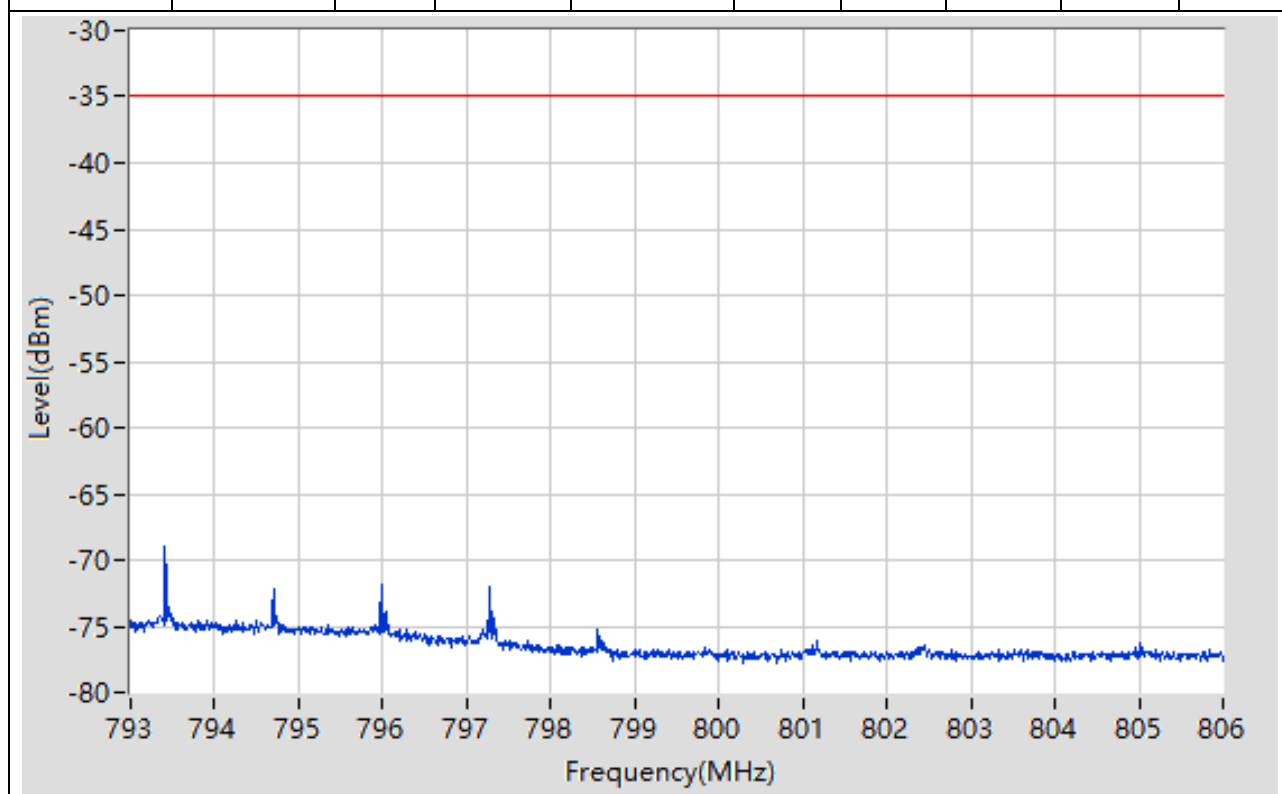
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 763                   | 775                  | 0.01      | RMS      | 773.88          | -76.2       | -35         | 41.2        | Pass    | 1201        |



## 20. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@47\_High

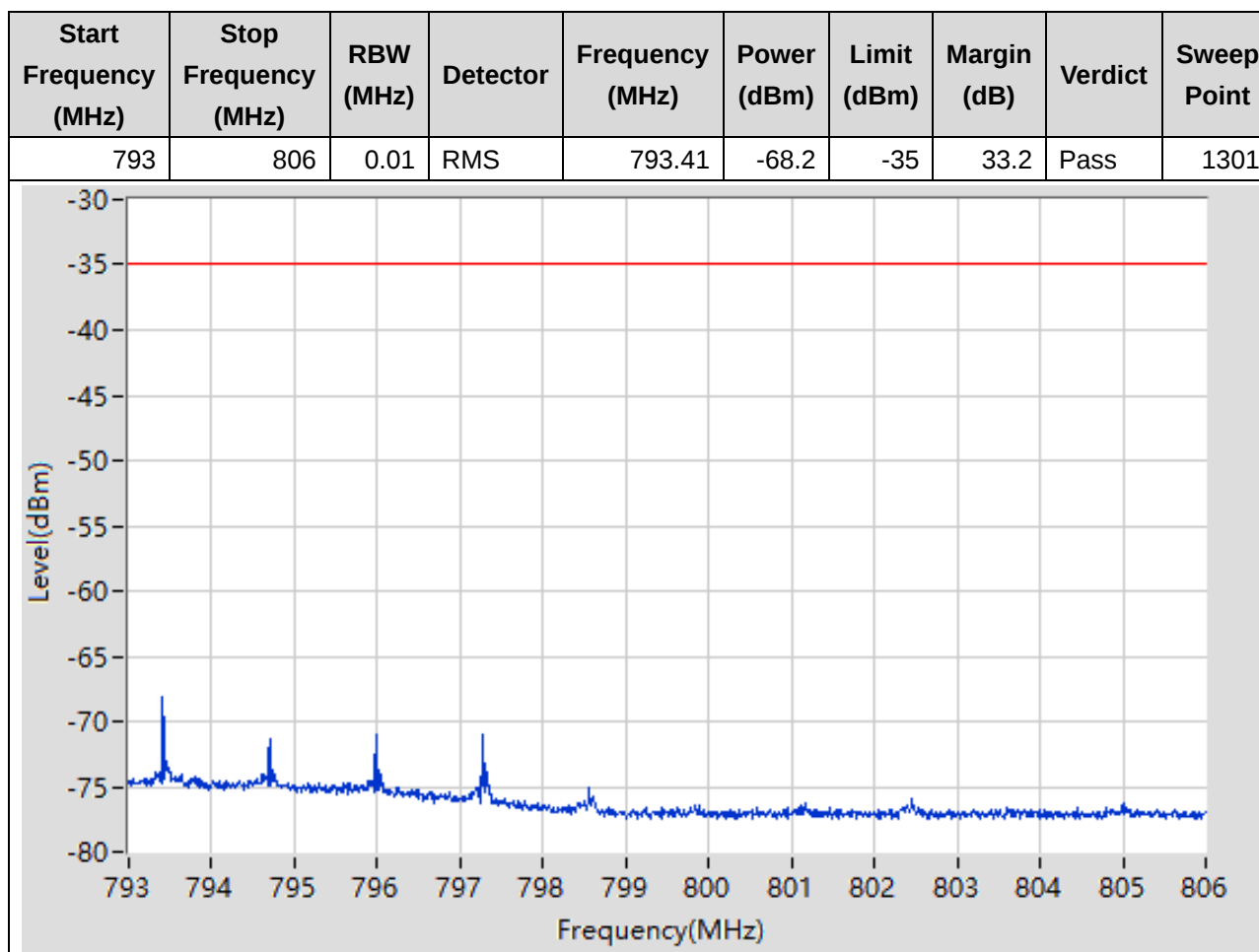
### 20.11. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 793                   | 806                  | 0.01      | RMS      | 793.41          | -68.94      | -35         | 33.94       | Pass    | 1301        |



## 20. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@47\_High

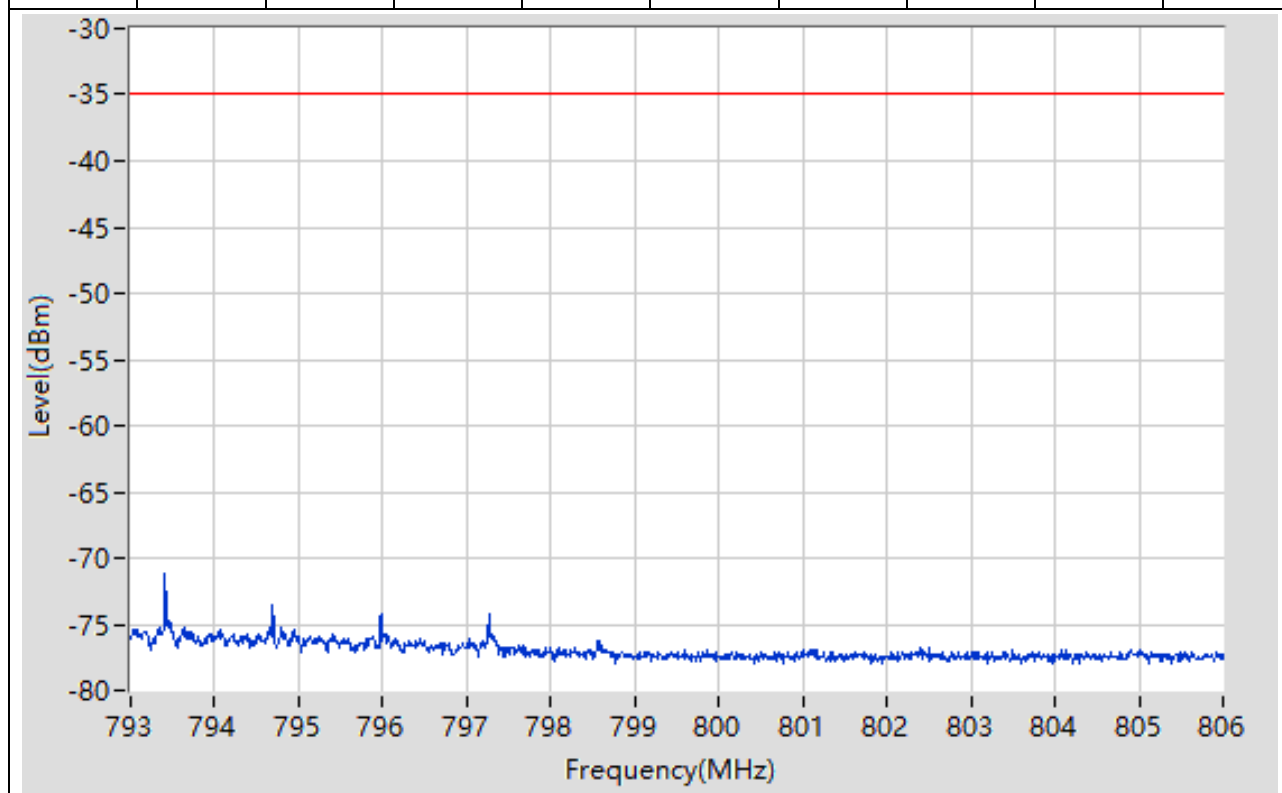
### 20.12. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)



## 20. NB-IoT\_Band13\_QPSK\_15kHz\_1@11\_High

### 20.13. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

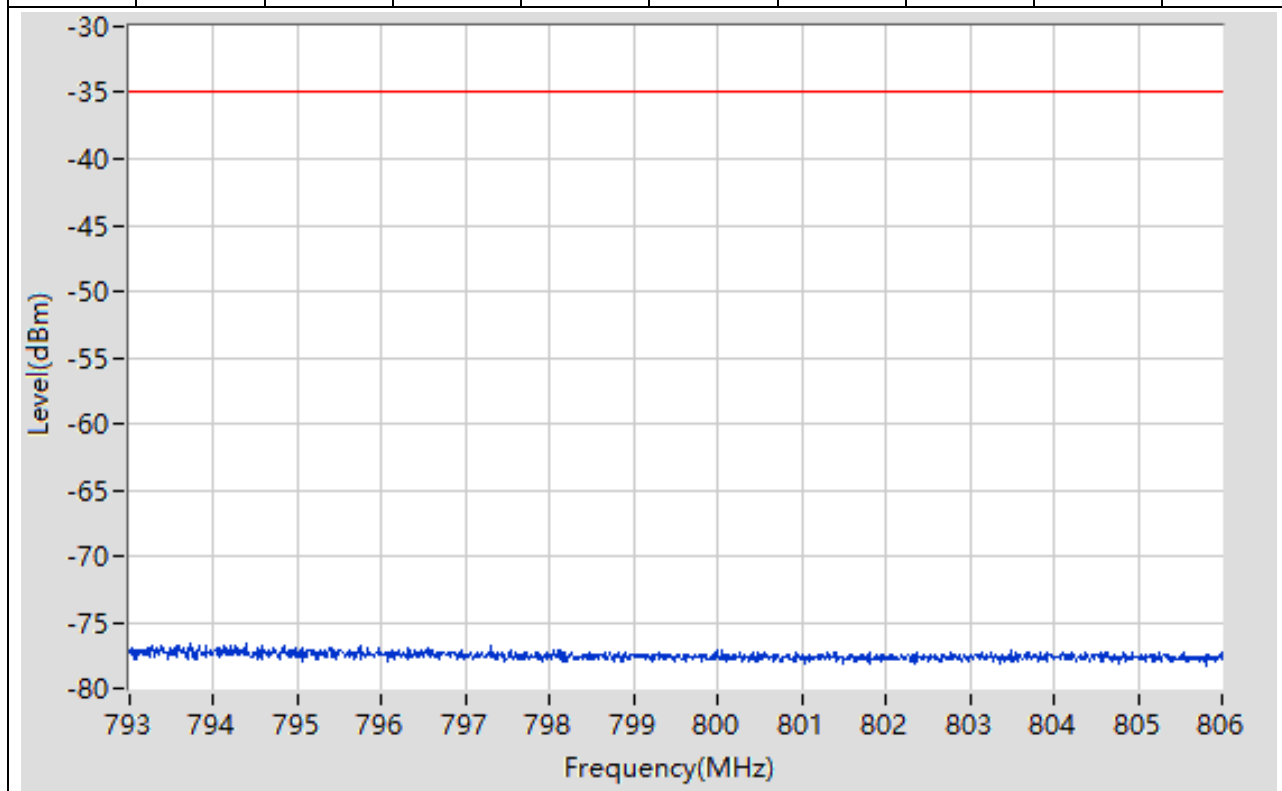
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 793                   | 806                  | 0.01      | RMS      | 793.41          | -71.12      | -35         | 36.12       | Pass    | 1301        |



## 20. NB-IoT\_Band13\_QPSK\_15kHz\_12@0\_High

### 20.14. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

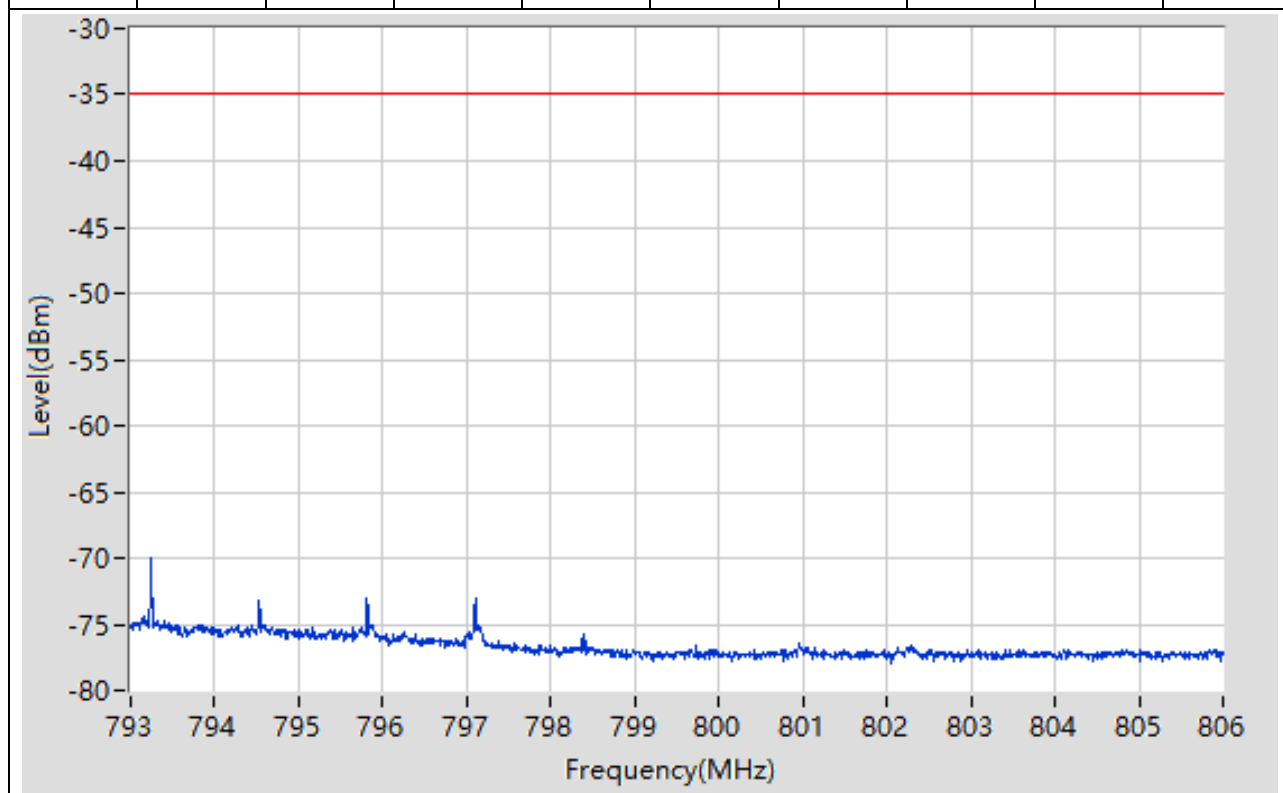
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 793                   | 806                  | 0.01      | RMS      | 793.71          | -76.57      | -35         | 41.57       | Pass    | 1301        |



## 20. NB-IoT\_Band13\_BPSK\_15kHz\_1@11\_High

### 20.15. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

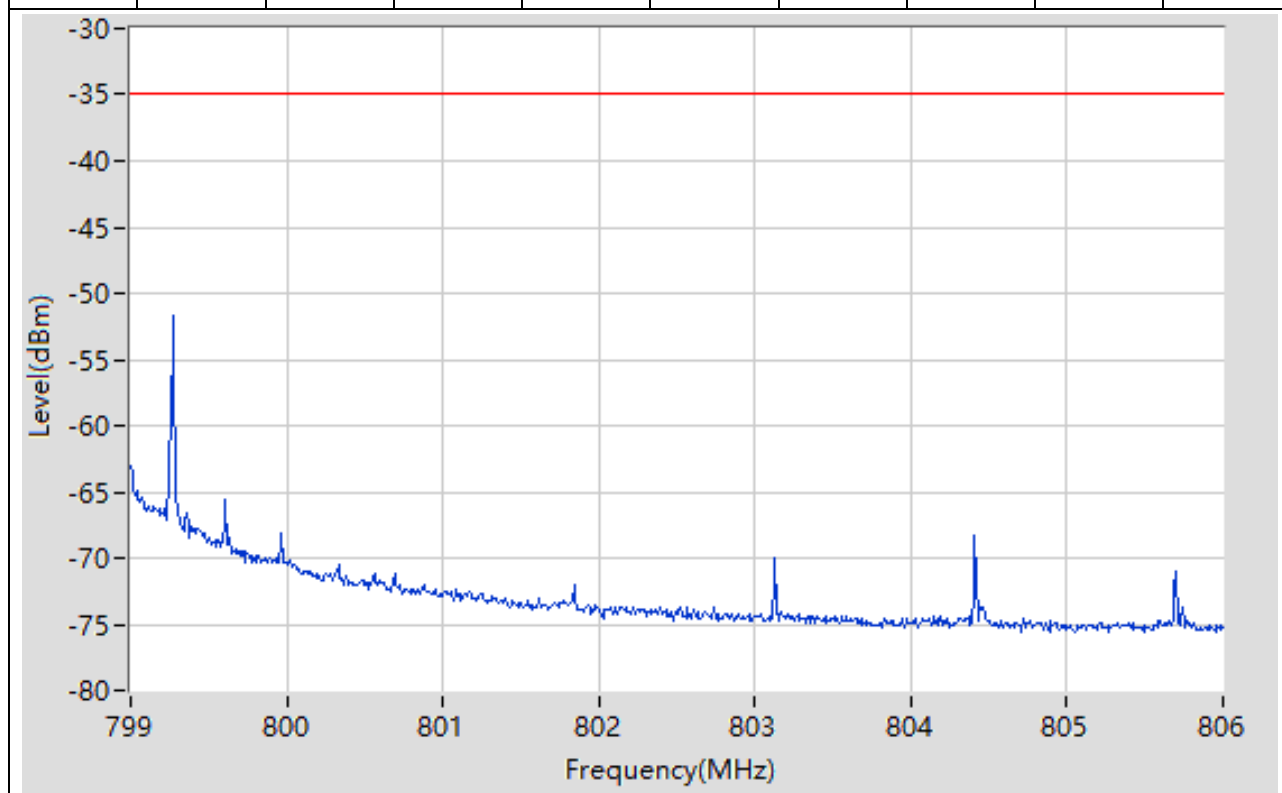
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 793                   | 806                  | 0.01      | RMS      | 793.24          | -70.08      | -35         | 35.08       | Pass    | 1301        |



## 20. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@47\_High

### 20.16. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

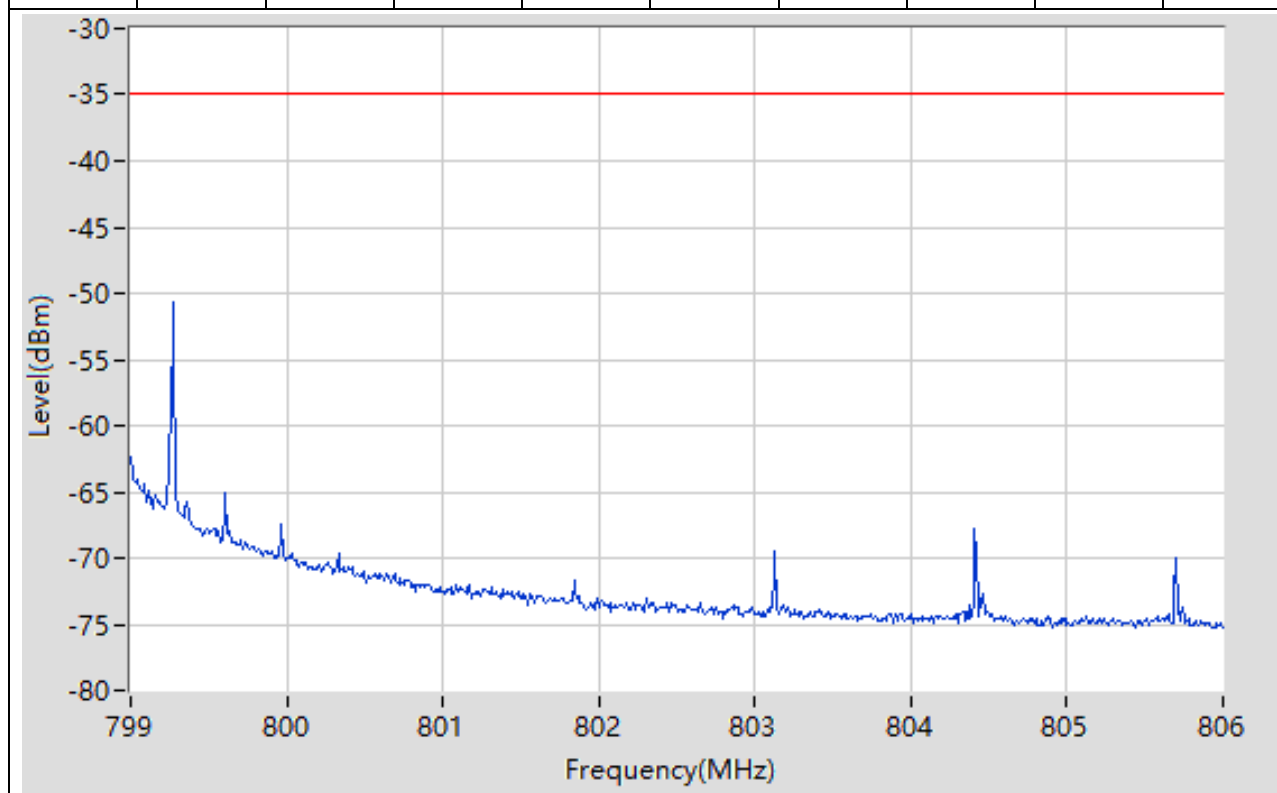
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 799                   | 806                  | 0.01      | RMS      | 799.27          | -51.7       | -35         | 16.7        | Pass    | 701         |



## 20. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@47\_High

### 20.17. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

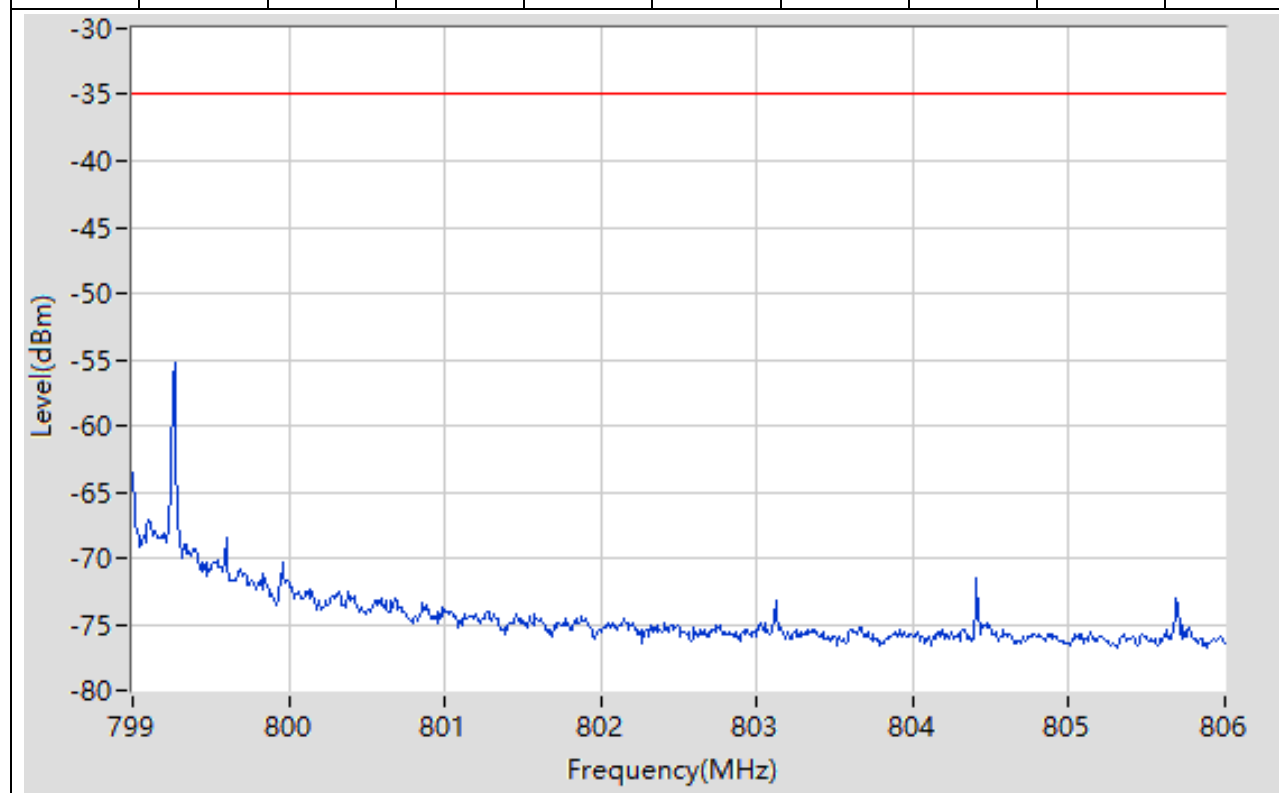
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 799                   | 806                  | 0.01      | RMS      | 799.27          | -50.67      | -35         | 15.67       | Pass    | 701         |



## 20. NB-IoT\_Band14\_QPSK\_15kHz\_1@11\_High

### 20.18. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

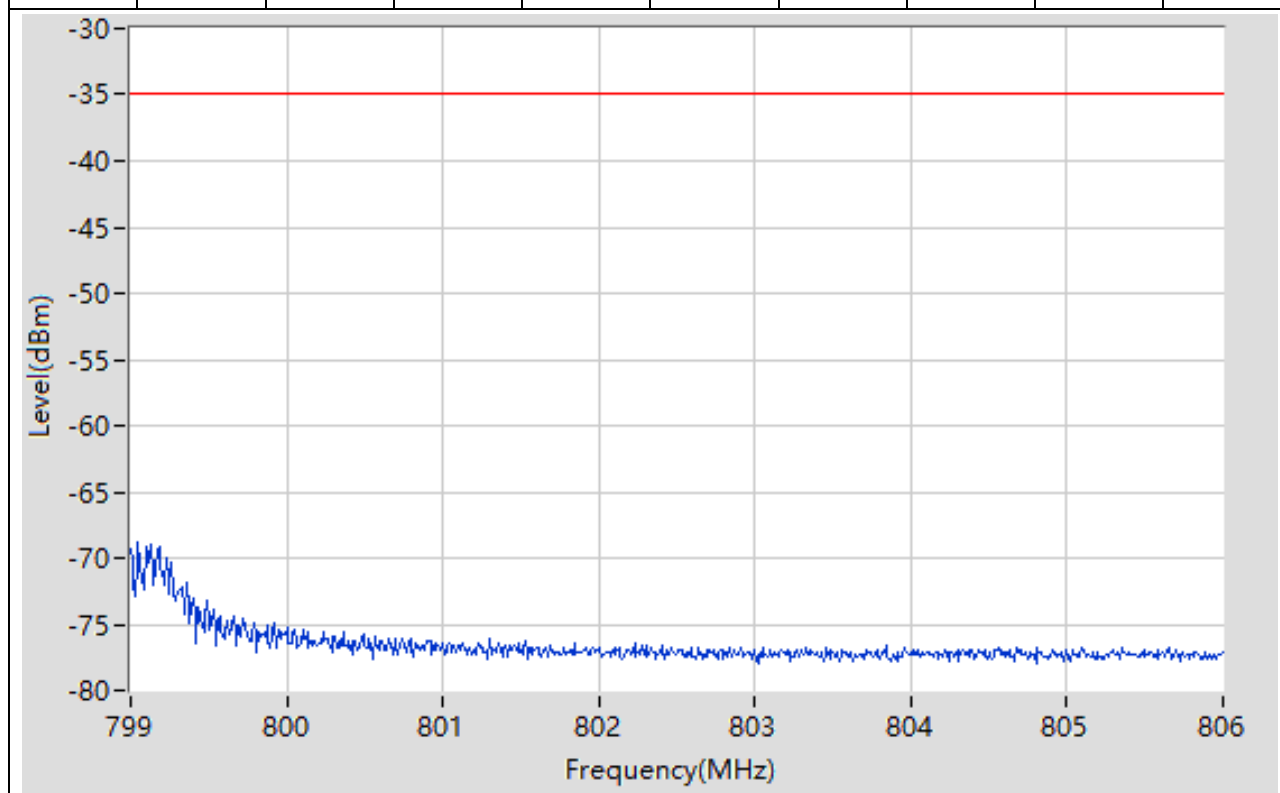
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 799                   | 806                  | 0.01      | RMS      | 799.27          | -55.19      | -35         | 20.19       | Pass    | 701         |



## 20. NB-IoT\_Band14\_QPSK\_15kHz\_12@0\_High

### 20.19. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

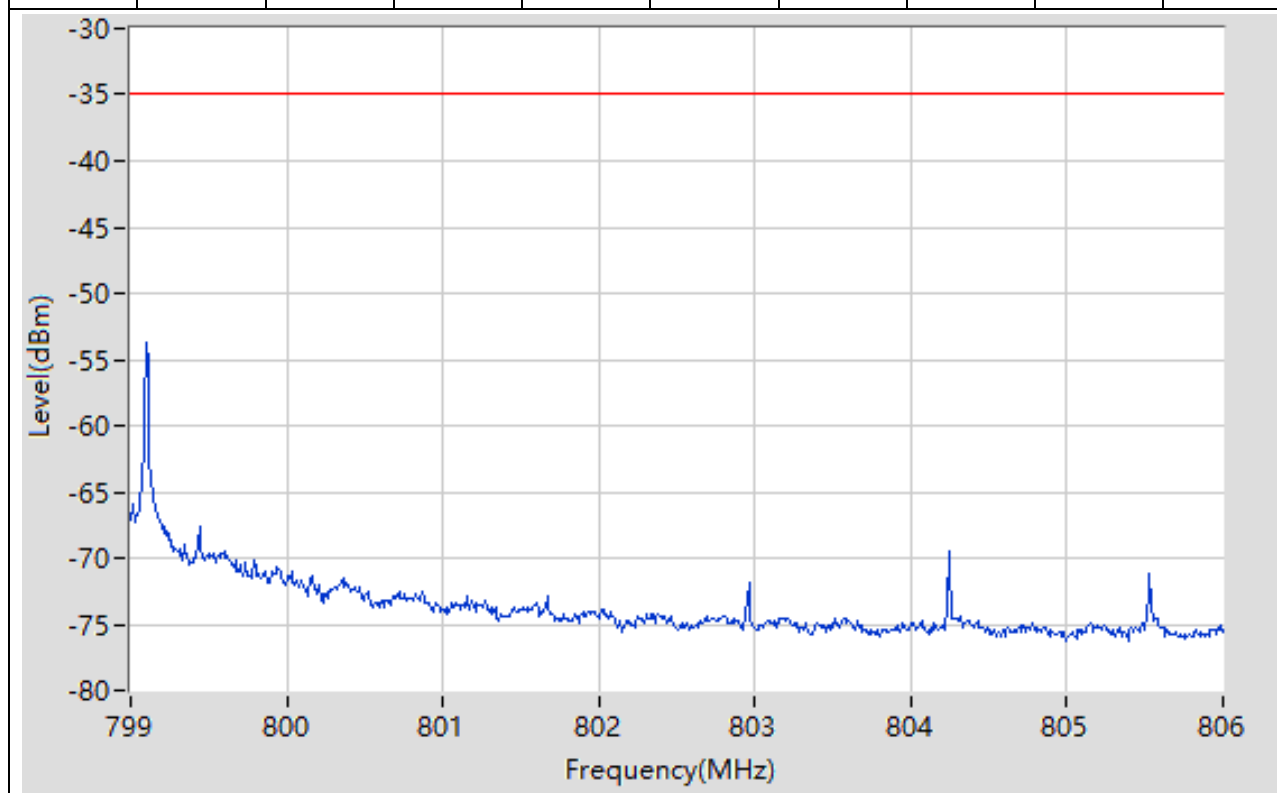
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 799                   | 806                  | 0.01      | RMS      | 799.05          | -68.8       | -35         | 33.8        | Pass    | 701         |



## 20. NB-IoT\_Band14\_BPSK\_15kHz\_1@11\_High

### 20.20. NB-IoT Emissions Mask for Upper\_Part22-24-27(NTNV)

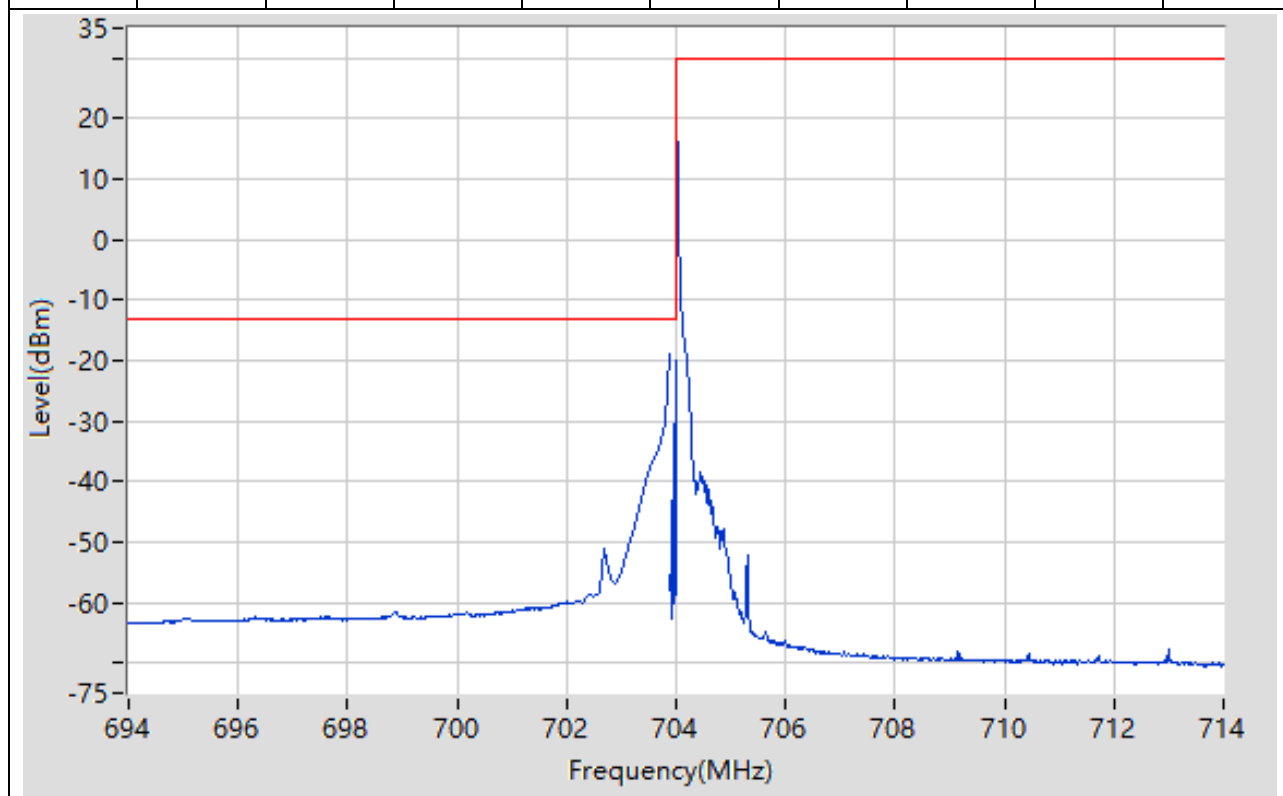
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 799                   | 806                  | 0.01      | RMS      | 799.1           | -53.7       | -35         | 18.7        | Pass    | 701         |



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

### 21.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

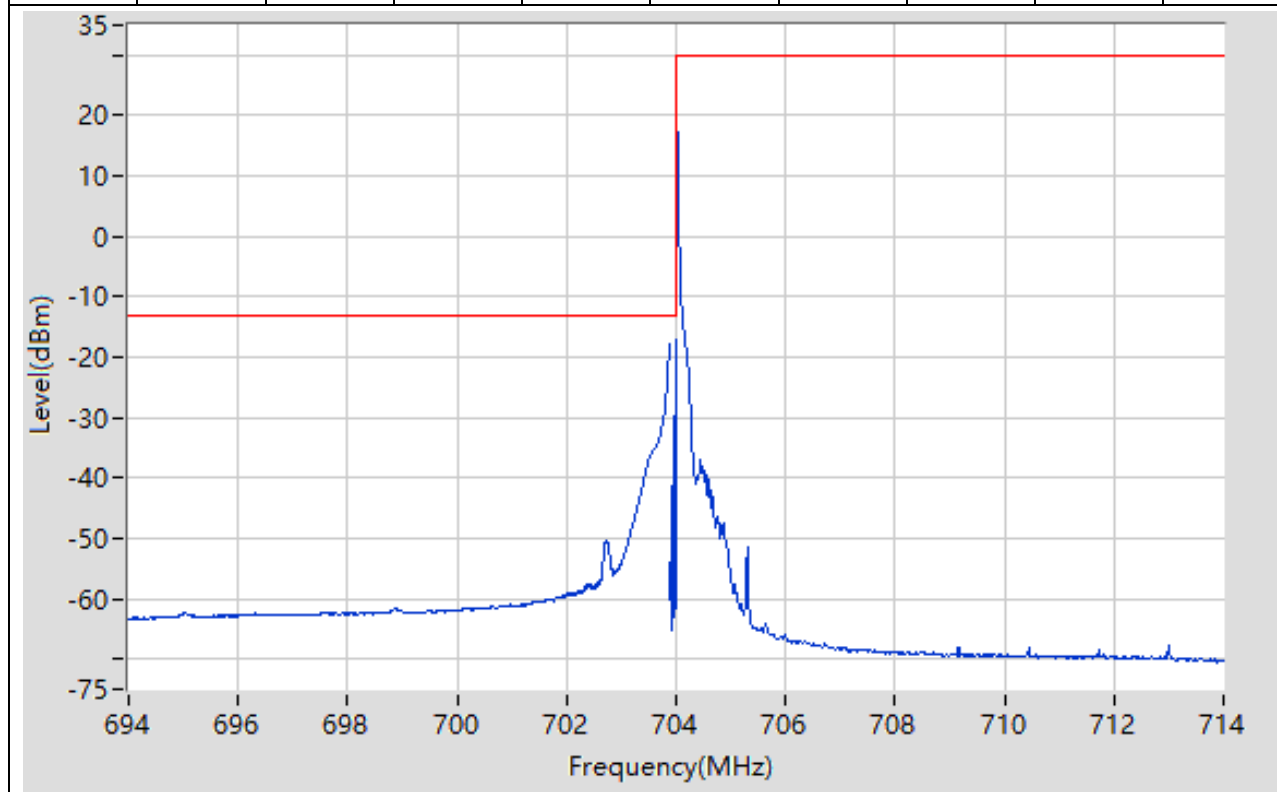
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 694                   | 702                  | 0.1       | RMS      | 702             | -59.94      | -13         | 46.94       | Pass    | 401         |
| 702                   | 703                  | 0.1       | RMS      | 702.7           | -51.06      | -13         | 38.06       | Pass    | 11          |
| 703                   | 703.9                | 0.1       | RMS      | 703.9           | -18.93      | -13         | 5.93        | Pass    | 10          |
| 703.9                 | 704                  | 0.000051  | RMS      | 703.999         | -20.07      | -13         | 7.07        | Pass    | 1961        |
| 704                   | 714                  | 0.02      | RMS      | 704.02          | 16.26       | 30          | 13.74       | Pass    | 501         |



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

### 21.2. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

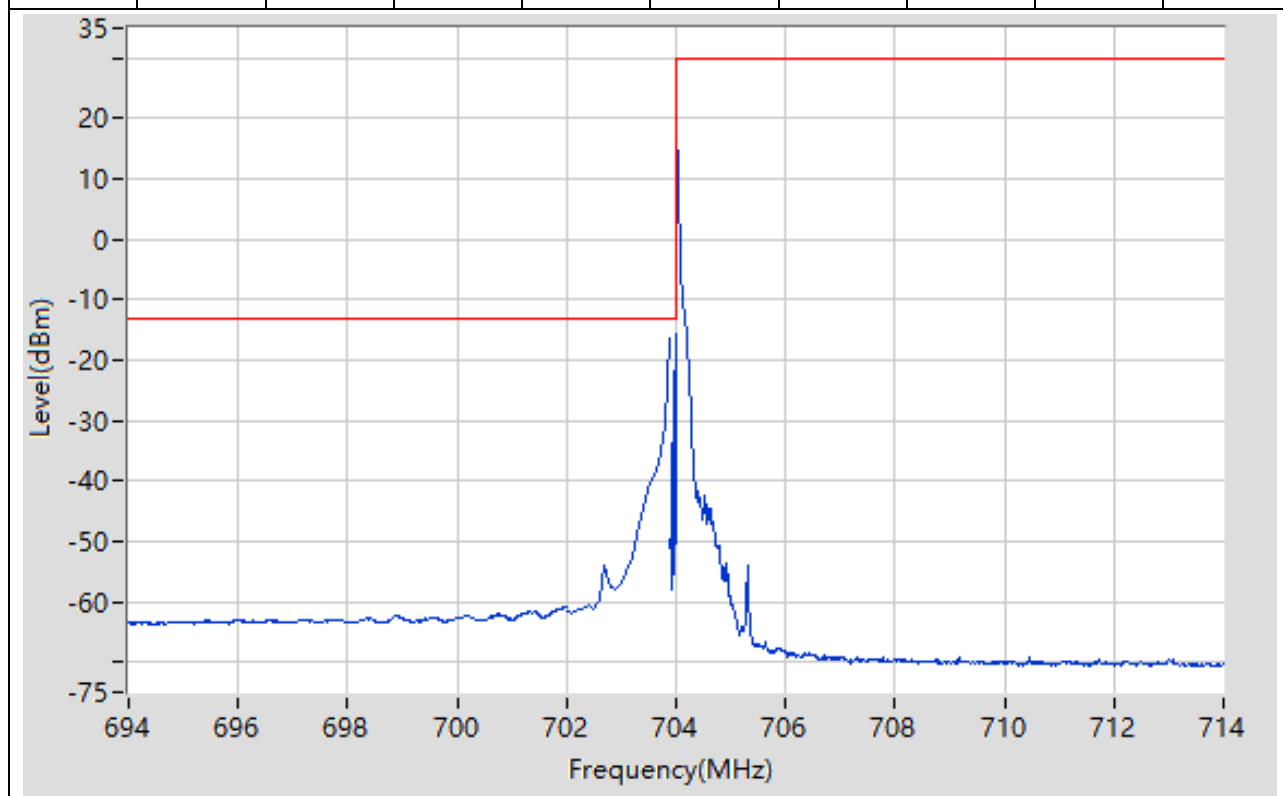
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 694                   | 702                  | 0.1       | RMS      | 702             | -59.32      | -13         | 46.32       | Pass    | 401         |
| 702                   | 703                  | 0.1       | RMS      | 702.733         | -50.32      | -13         | 37.32       | Pass    | 401         |
| 703                   | 703.9                | 0.1       | RMS      | 703.9           | -17.87      | -13         | 4.87        | Pass    | 10          |
| 703.9                 | 704                  | 0.000039  | RMS      | 703.999         | -17.28      | -13         | 4.28        | Pass    | 2565        |
| 704                   | 714                  | 0.02      | RMS      | 704.02          | 17.1        | 30          | 12.9        | Pass    | 501         |



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

### 21.3. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

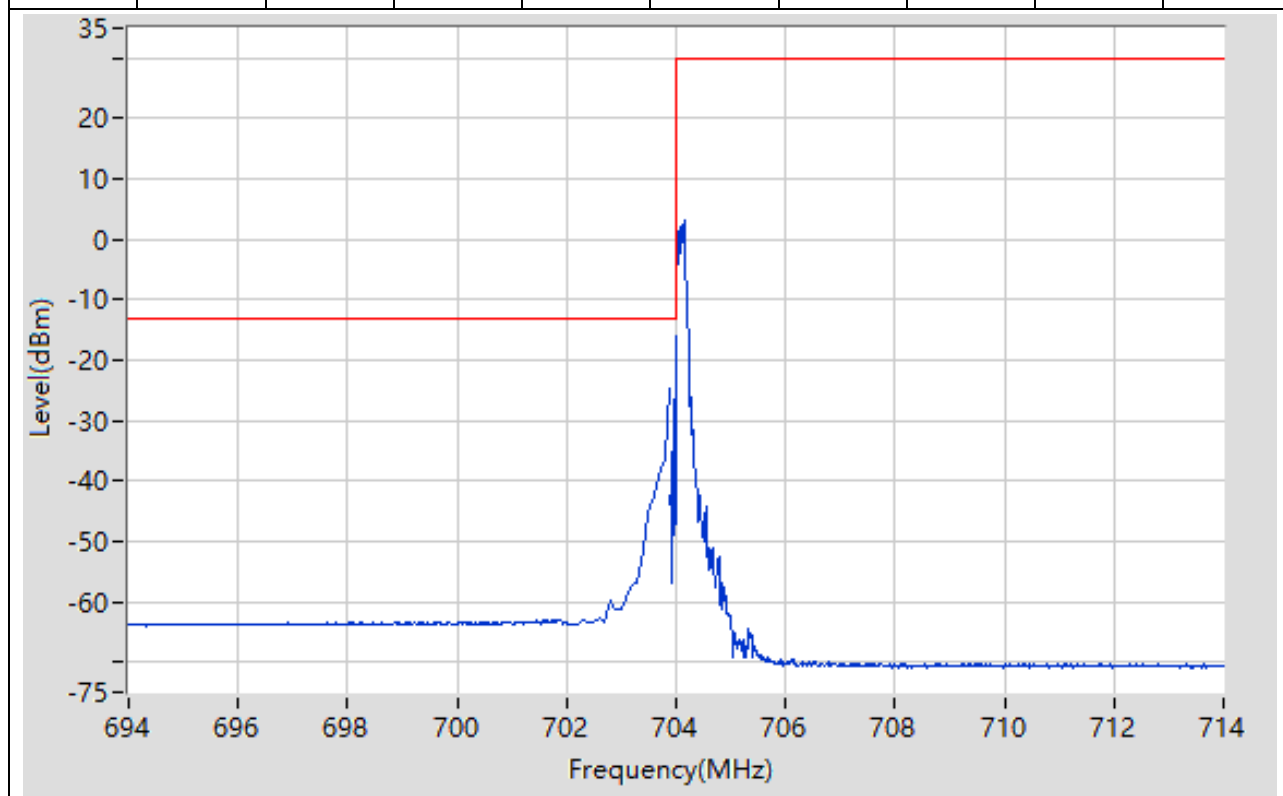
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 694                   | 702                  | 0.1       | RMS      | 701.98          | -60.93      | -13         | 47.93       | Pass    | 401         |
| 702                   | 703                  | 0.1       | RMS      | 702.7           | -54.09      | -13         | 41.09       | Pass    | 11          |
| 703                   | 703.9                | 0.1       | RMS      | 703.9           | -16.37      | -13         | 3.37        | Pass    | 10          |
| 703.9                 | 704                  | 0.00015   | RMS      | 703.996         | -15.61      | -13         | 2.61        | Pass    | 667         |
| 704                   | 714                  | 0.02      | RMS      | 704.02          | 14.6        | 30          | 15.4        | Pass    | 501         |



## 21. NB-IoT\_Band17\_QPSK\_15kHz\_12@0\_Low

### 21.4. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

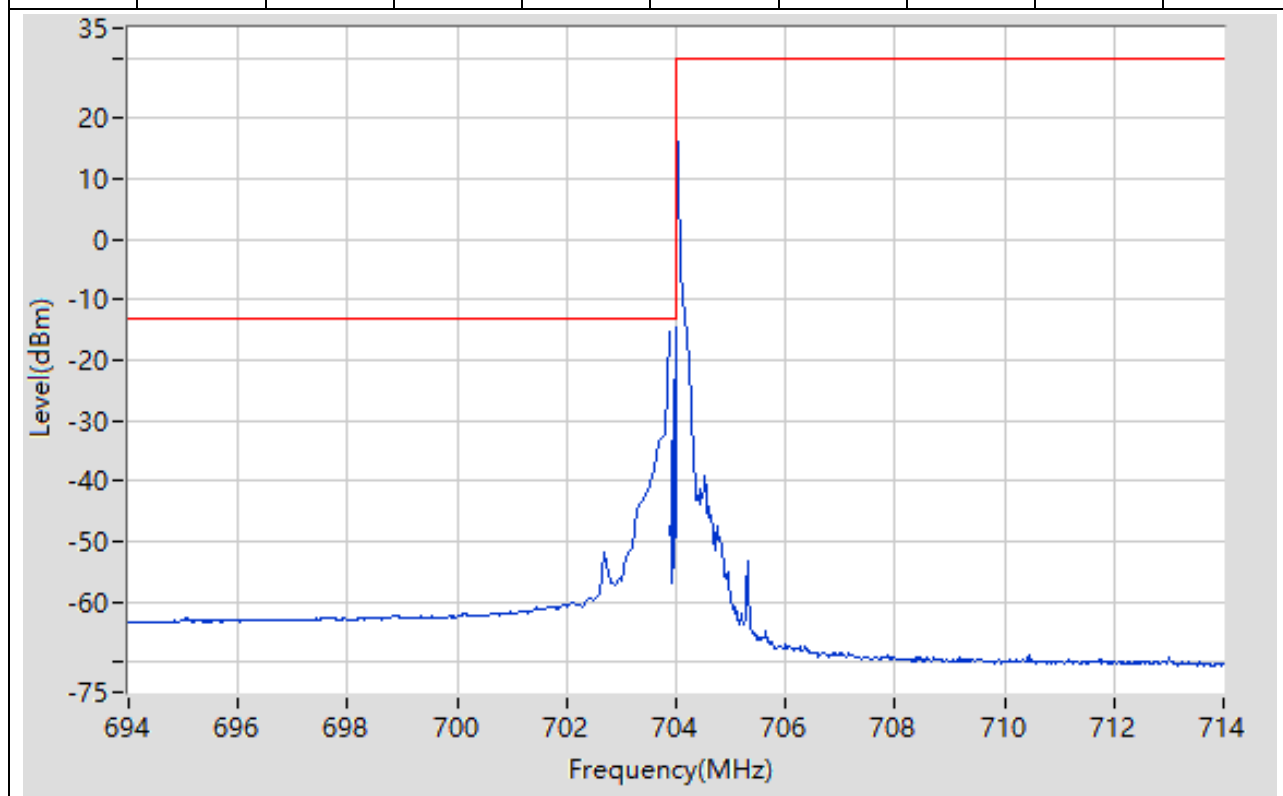
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 694                   | 702                  | 0.1       | RMS      | 701.84          | -62.9       | -13         | 49.9        | Pass    | 401         |
| 702                   | 703.9                | 0.1       | RMS      | 703.9           | -24.67      | -13         | 11.67       | Pass    | 20          |
| 703.9                 | 703.994              | 0.002     | RMS      | 703.986         | -20.81      | -13         | 7.81        | Pass    | 401         |
| 703.994               | 704                  | 0.002     | RMS      | 704             | -16.18      | -13         | 3.18        | Pass    | 401         |
| 704                   | 714                  | 0.02      | RMS      | 704.14          | 2.99        | 30          | 27.01       | Pass    | 501         |



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

### 21.5. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

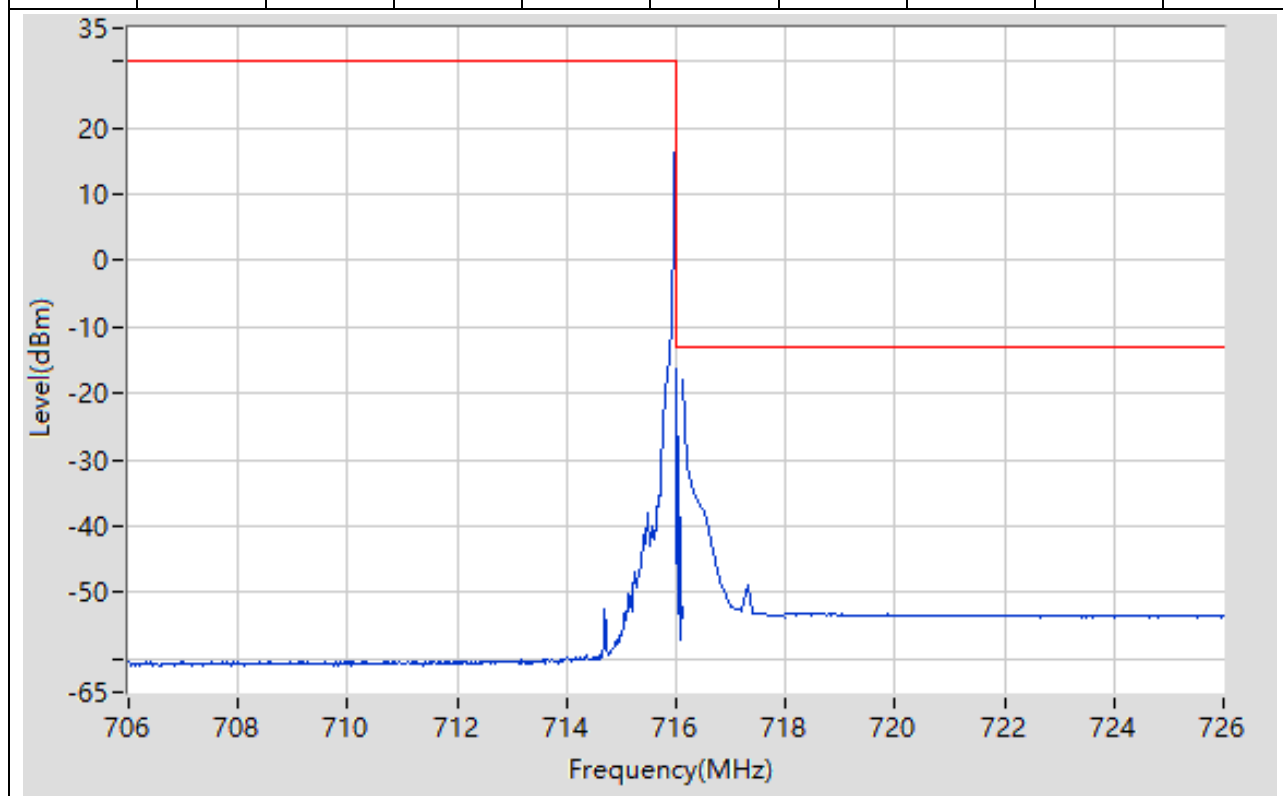
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 694                   | 702                  | 0.1       | RMS      | 701.98          | -60.44      | -13         | 47.44       | Pass    | 401         |
| 702                   | 703                  | 0.1       | RMS      | 702.7           | -51.82      | -13         | 38.82       | Pass    | 11          |
| 703                   | 703.9                | 0.1       | RMS      | 703.9           | -15.33      | -13         | 2.33        | Pass    | 10          |
| 703.9                 | 704                  | 0.00015   | RMS      | 703.998         | -14.62      | -13         | 1.62        | Pass    | 667         |
| 704                   | 714                  | 0.02      | RMS      | 704.02          | 16.35       | 30          | 13.65       | Pass    | 501         |



## 21. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@47\_High

### 21.6. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

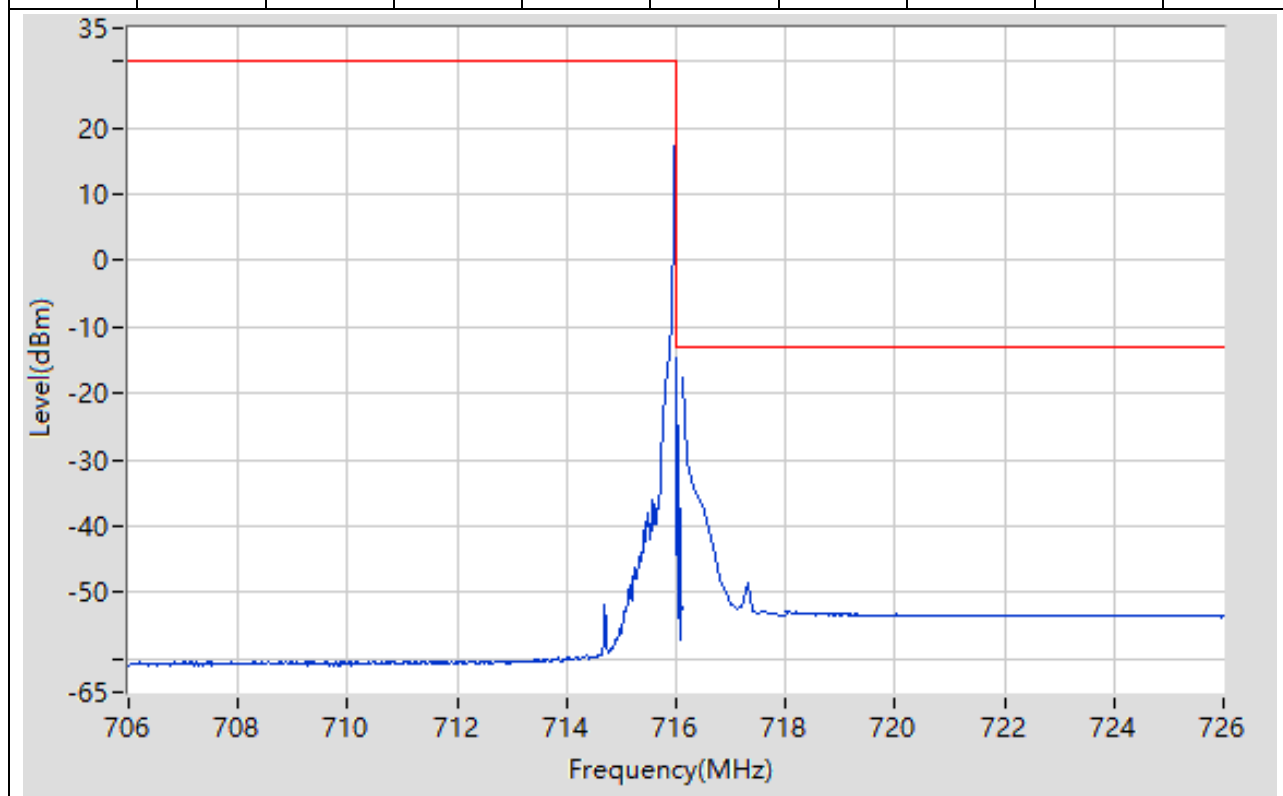
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 16.41       | 30          | 13.59       | Pass    | 501         |
| 716                   | 716.1                | 0.00015   | RMS      | 716             | -16.48      | -13         | 3.48        | Pass    | 667         |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -17.88      | -13         | 4.88        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -48.98      | -13         | 35.98       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718.3           | -53.07      | -13         | 40.07       | Pass    | 401         |



## 21. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@47\_High

### 21.7. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

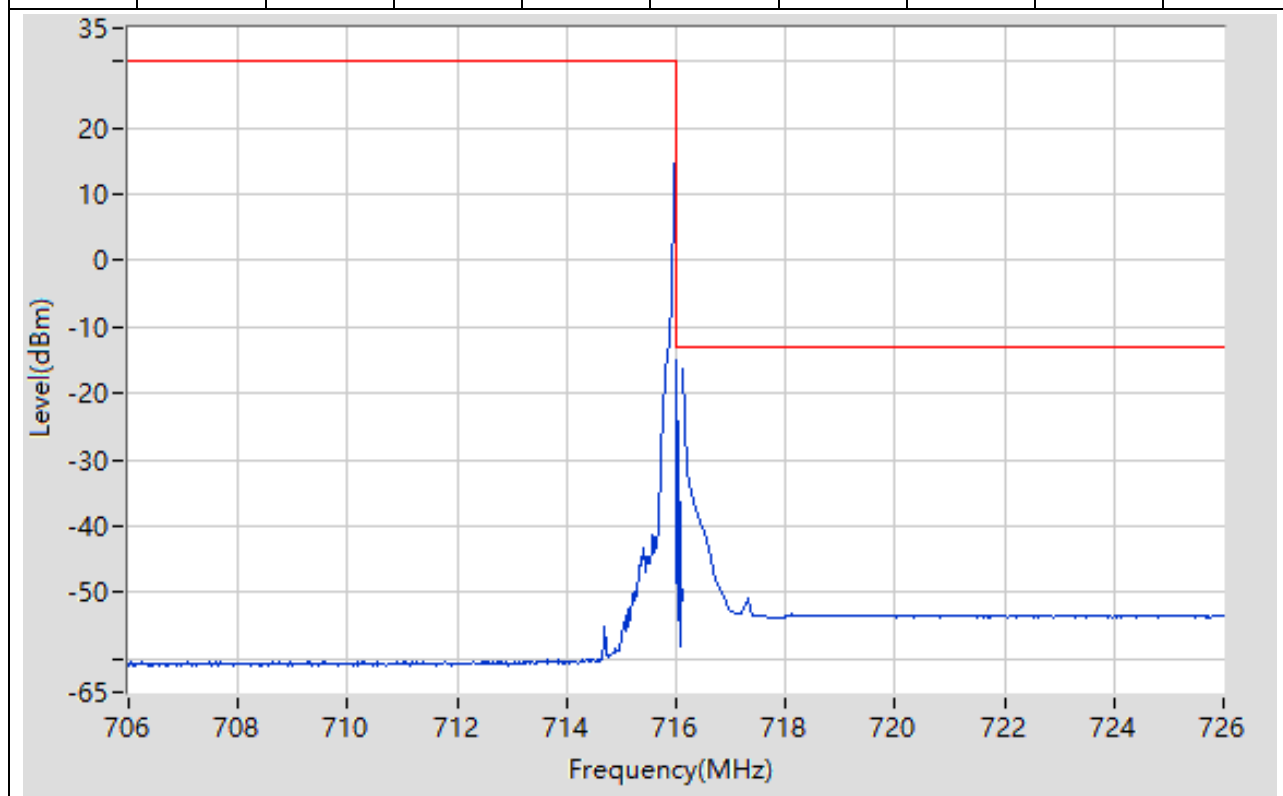
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 17.09       | 30          | 12.91       | Pass    | 501         |
| 716                   | 716.1                | 0.00015   | RMS      | 716.001         | -14.64      | -13         | 1.64        | Pass    | 667         |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -17.75      | -13         | 4.75        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -48.42      | -13         | 35.42       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718.02          | -52.91      | -13         | 39.91       | Pass    | 401         |



## 21. NB-IoT\_Band17\_QPSK\_15kHz\_1@11\_High

### 21.8. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

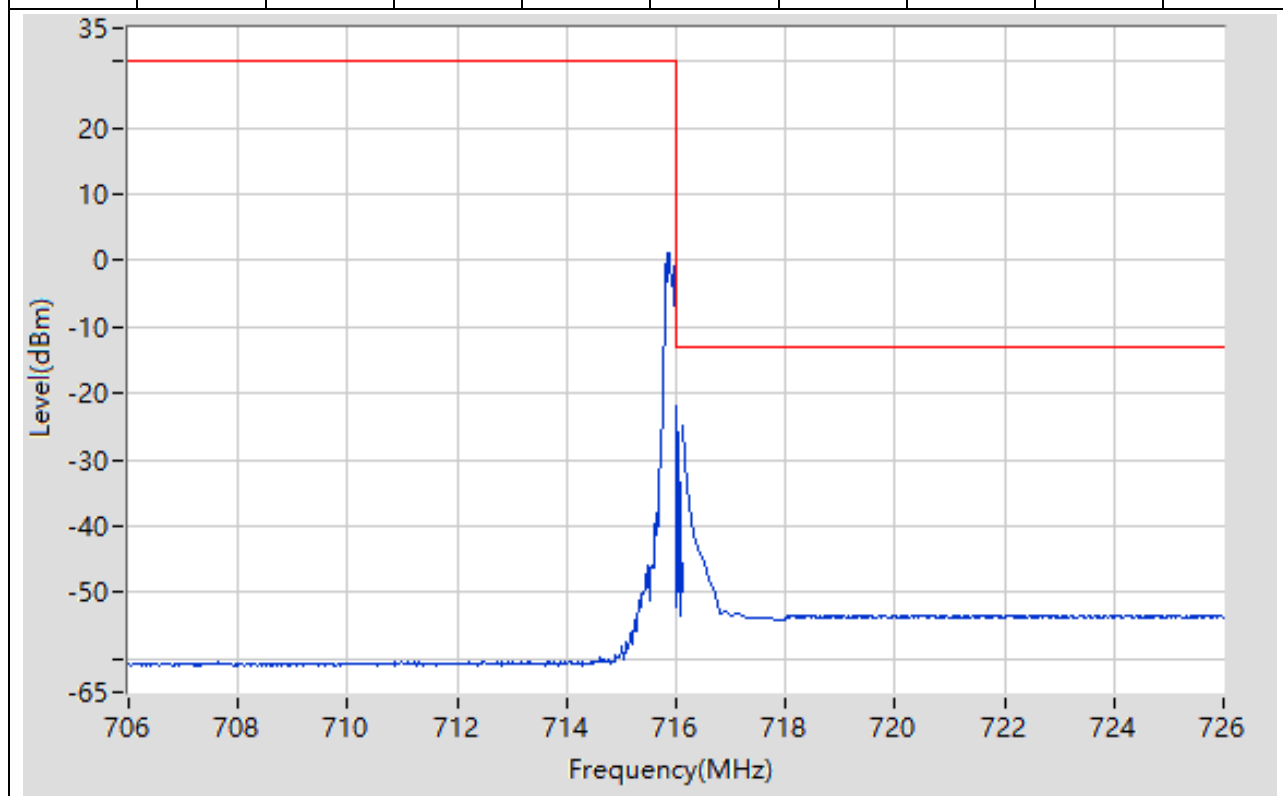
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 14.52       | 30          | 15.48       | Pass    | 501         |
| 716                   | 716.1                | 0.00015   | RMS      | 716.001         | -15.05      | -13         | 2.05        | Pass    | 667         |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -16.41      | -13         | 3.41        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -50.94      | -13         | 37.94       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718.12          | -53.26      | -13         | 40.26       | Pass    | 401         |



## 21. NB-IoT\_Band17\_QPSK\_15kHz\_12@0\_High

### 21.9. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

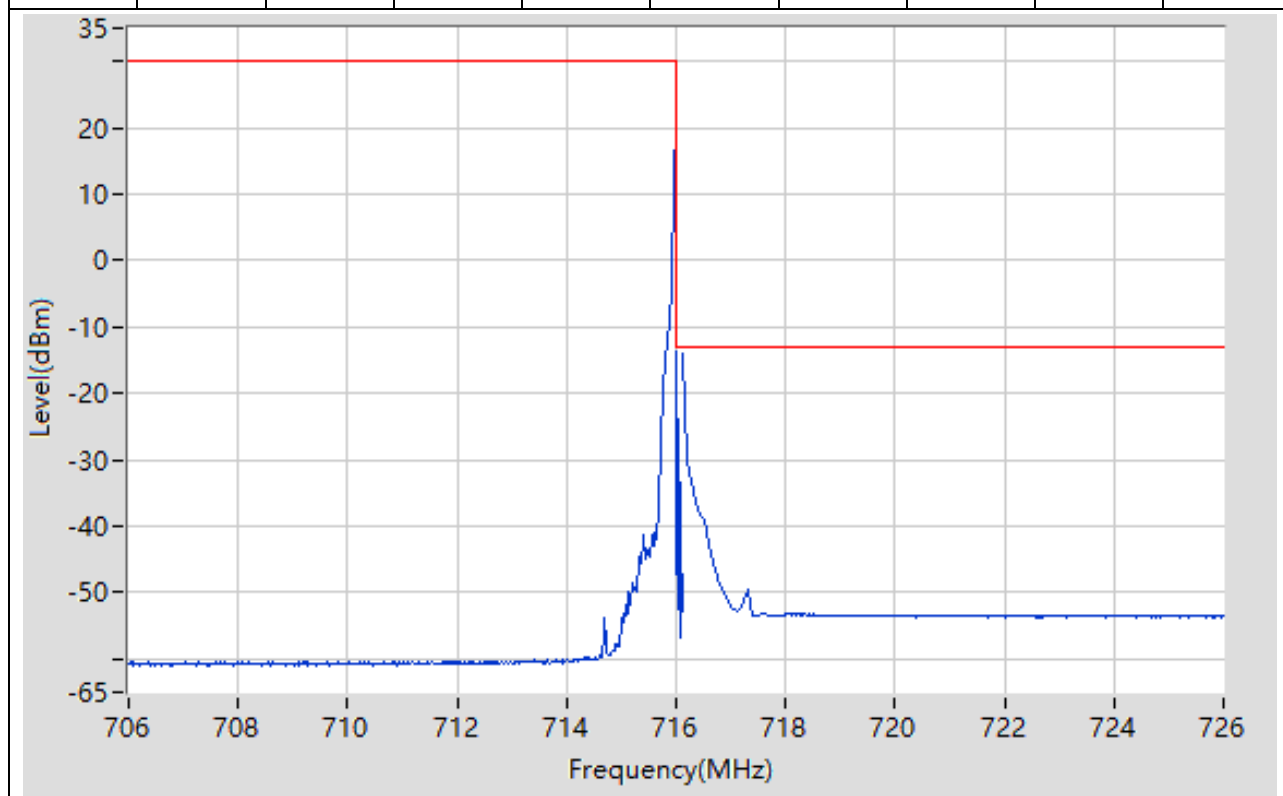
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.84          | 1.1         | 30          | 28.9        | Pass    | 501         |
| 716                   | 716.006              | 0.002     | RMS      | 716.002         | -21.81      | -13         | 8.81        | Pass    | 4           |
| 716.006               | 716.1                | 0.002     | RMS      | 716.015         | -23.1       | -13         | 10.1        | Pass    | 401         |
| 716.1                 | 718                  | 0.1       | RMS      | 716.1           | -24.97      | -13         | 11.97       | Pass    | 20          |
| 718                   | 726                  | 0.1       | RMS      | 720.48          | -53.48      | -13         | 40.48       | Pass    | 401         |



## 21. NB-IoT\_Band17\_BPSK\_15kHz\_1@11\_High

### 21.10. NB-IoT Band Edge for Upper\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 706                   | 716                  | 0.02      | RMS      | 715.98          | 16.53       | 30          | 13.47       | Pass    | 501         |
| 716                   | 716.1                | 0.00015   | RMS      | 716.001         | -13.58      | -13         | 0.58        | Pass    | 667         |
| 716.1                 | 717                  | 0.1       | RMS      | 716.1           | -14.16      | -13         | 1.16        | Pass    | 10          |
| 717                   | 718                  | 0.1       | RMS      | 717.3           | -49.66      | -13         | 36.66       | Pass    | 11          |
| 718                   | 726                  | 0.1       | RMS      | 718             | -53.15      | -13         | 40.15       | Pass    | 401         |



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

### 22.1. NB-IoT Band Edge for Lower\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 1840                  | 1848                 | 1         | RMS      | 1848            | -46.16      | -13         | 33.16       | Pass    | 401         |
| 1848                  | 1849                 | 1         | RMS      | 1849            | -38.83      | -13         | 25.83       | Pass    | 2           |
| 1849                  | 1849.994             | 0.002     | RMS      | 1849.91         | -36.72      | -13         | 23.72       | Pass    | 497         |
| 1849.994              | 1850                 | 0.002     | RMS      | 1850            | -37.14      | -13         | 24.14       | Pass    | 401         |
| 1850                  | 1860                 | 0.02      | RMS      | 1850.12         | 16.37       | 30          | 13.63       | Pass    | 501         |

