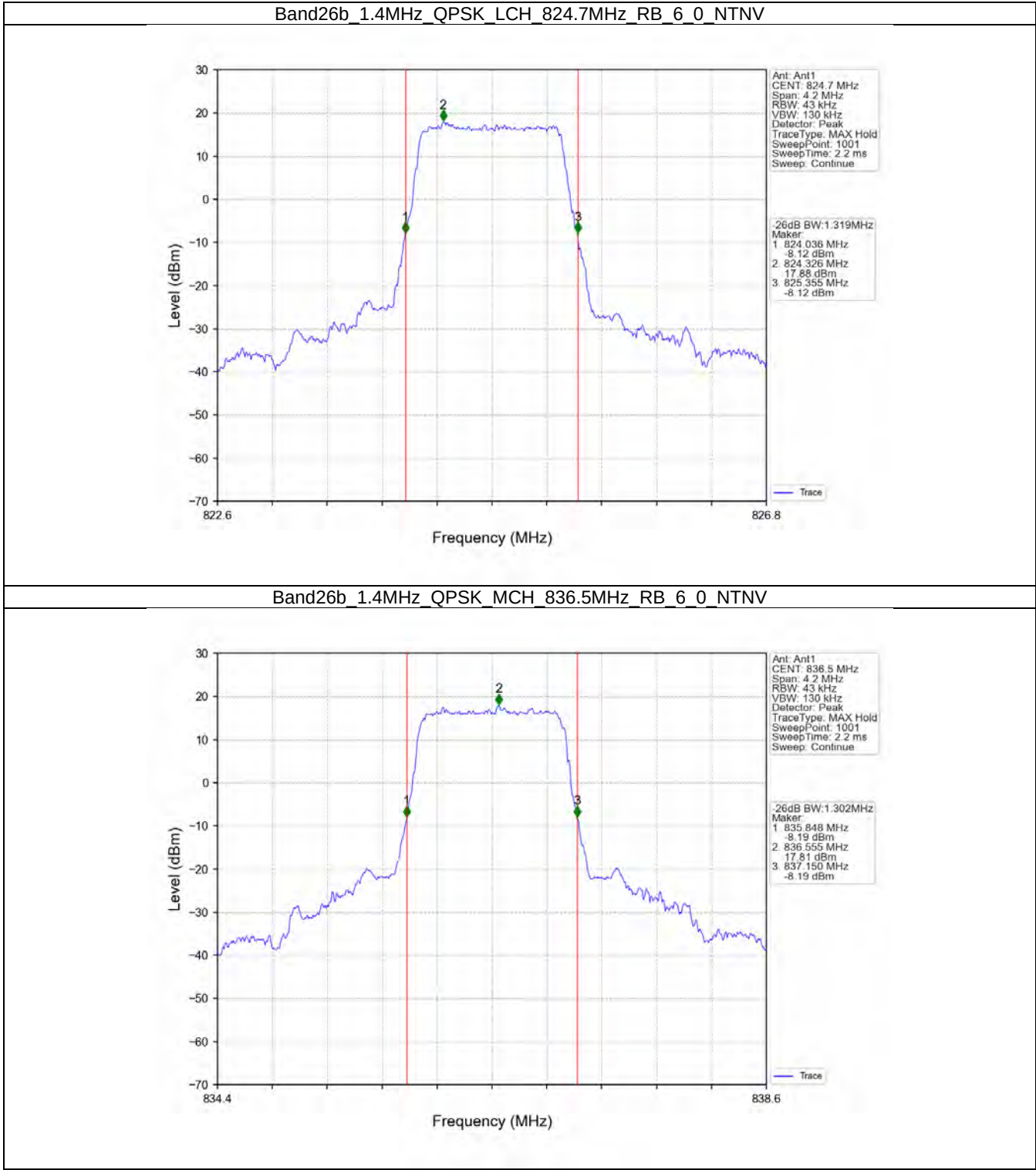


## 6.2 Band26b\_XDB

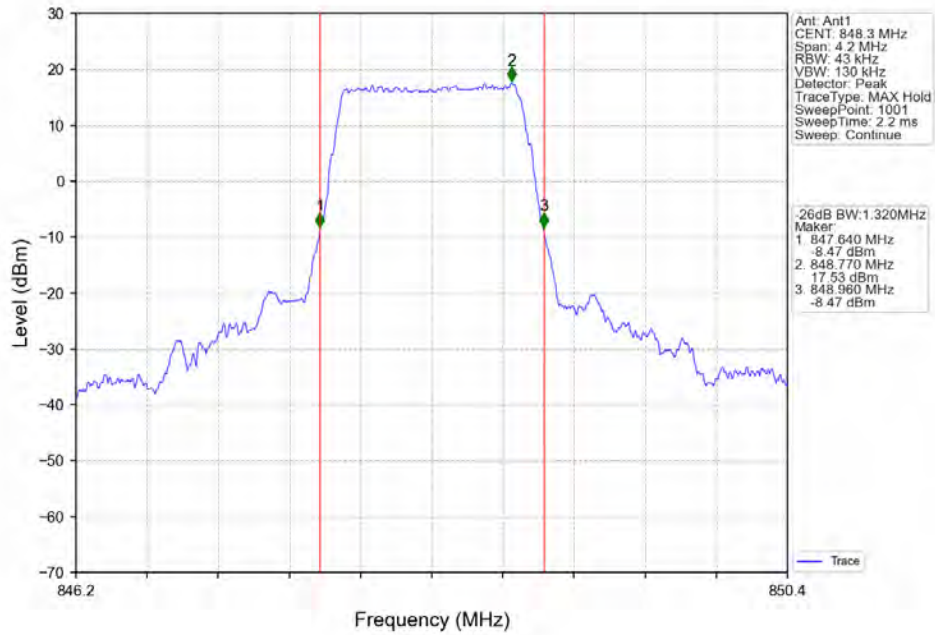
### 6.2.1 Test Result

| Band: 26b / NTNV |            |                 |               |        |                      |         |
|------------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                  |            |                 | Size          | Offset | Result               |         |
| 1.4              | QPSK       | 824.7           | 6             | 0      | 1.319                | Pass    |
|                  |            | 836.5           | 6             | 0      | 1.302                | Pass    |
|                  |            | 848.3           | 6             | 0      | 1.320                | Pass    |
|                  | 16QAM      | 824.7           | 6             | 0      | 1.319                | Pass    |
|                  |            | 836.5           | 6             | 0      | 1.293                | Pass    |
|                  |            | 848.3           | 6             | 0      | 1.314                | Pass    |
| 3                | QPSK       | 825.5           | 15            | 0      | 3.075                | Pass    |
|                  |            | 836.5           | 15            | 0      | 3.057                | Pass    |
|                  |            | 847.5           | 15            | 0      | 3.079                | Pass    |
|                  | 16QAM      | 825.5           | 15            | 0      | 3.059                | Pass    |
|                  |            | 836.5           | 15            | 0      | 3.056                | Pass    |
|                  |            | 847.5           | 15            | 0      | 3.058                | Pass    |
| 5                | QPSK       | 826.5           | 25            | 0      | 5.049                | Pass    |
|                  |            | 836.5           | 25            | 0      | 5.077                | Pass    |
|                  |            | 846.5           | 25            | 0      | 5.114                | Pass    |
|                  | 16QAM      | 826.5           | 25            | 0      | 5.060                | Pass    |
|                  |            | 836.5           | 25            | 0      | 5.093                | Pass    |
|                  |            | 846.5           | 25            | 0      | 5.064                | Pass    |
| 10               | QPSK       | 829             | 50            | 0      | 10.002               | Pass    |
|                  |            | 836.5           | 50            | 0      | 10.029               | Pass    |
|                  |            | 844             | 50            | 0      | 10.063               | Pass    |
|                  | 16QAM      | 829             | 50            | 0      | 9.967                | Pass    |
|                  |            | 836.5           | 50            | 0      | 10.018               | Pass    |
|                  |            | 844             | 50            | 0      | 10.019               | Pass    |

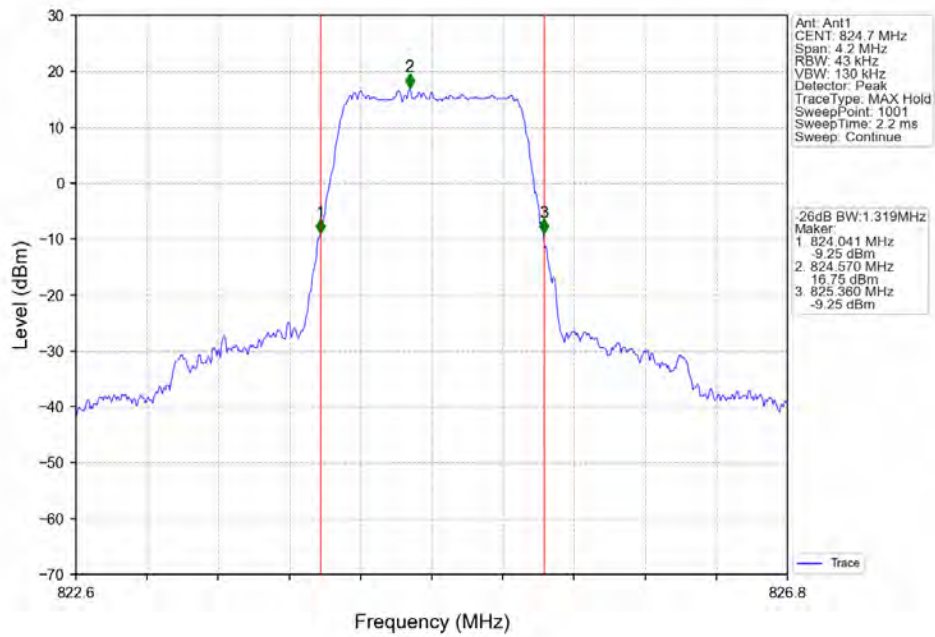
6.2.2 Test Graph



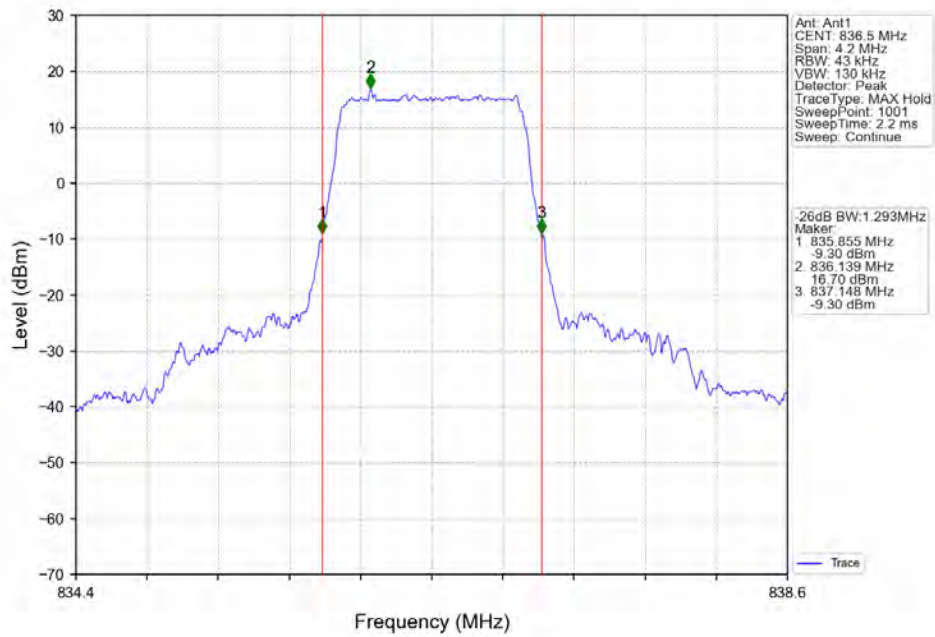
Band26b 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



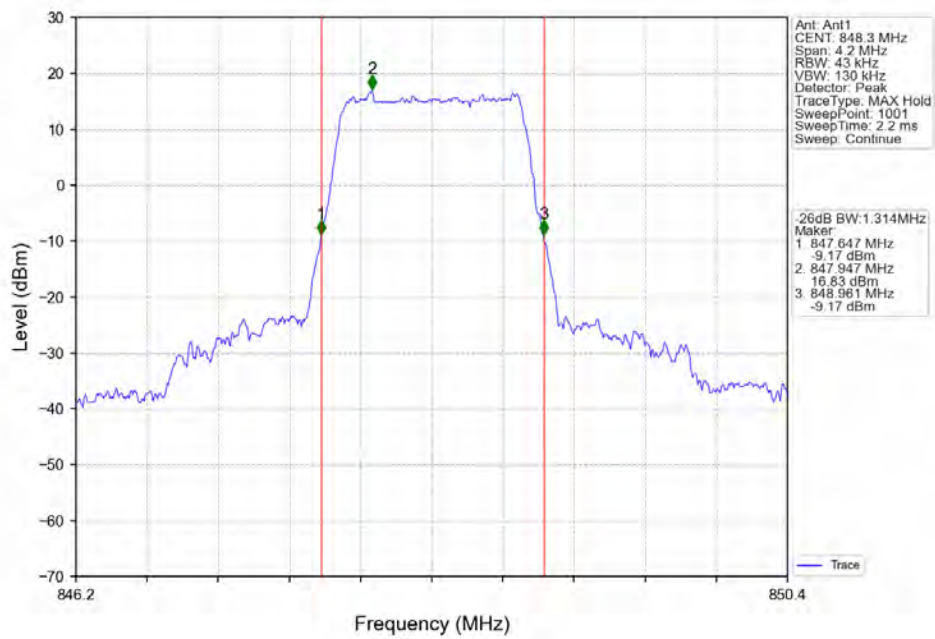
Band26b 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



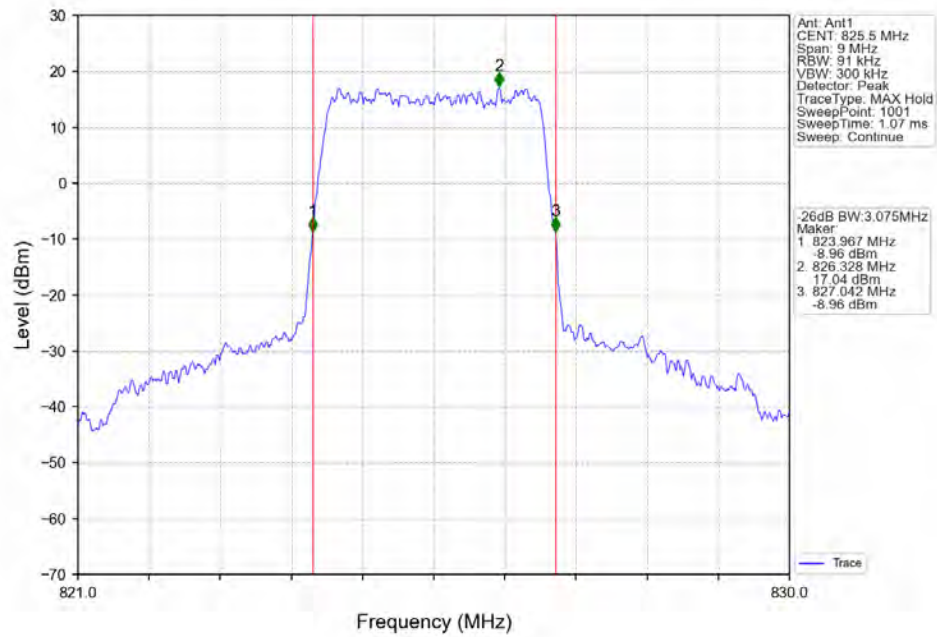
Band26b 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



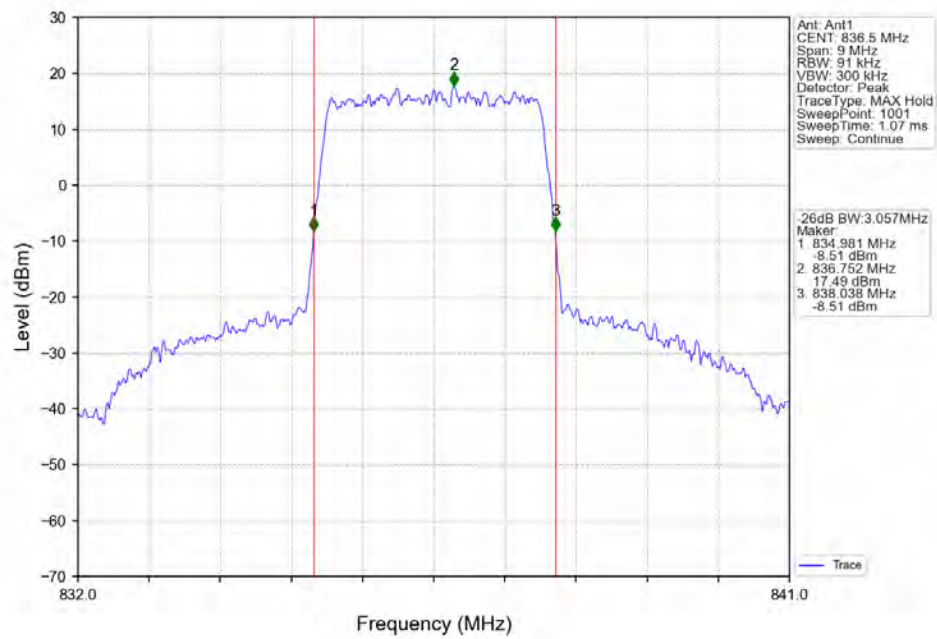
Band26b 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



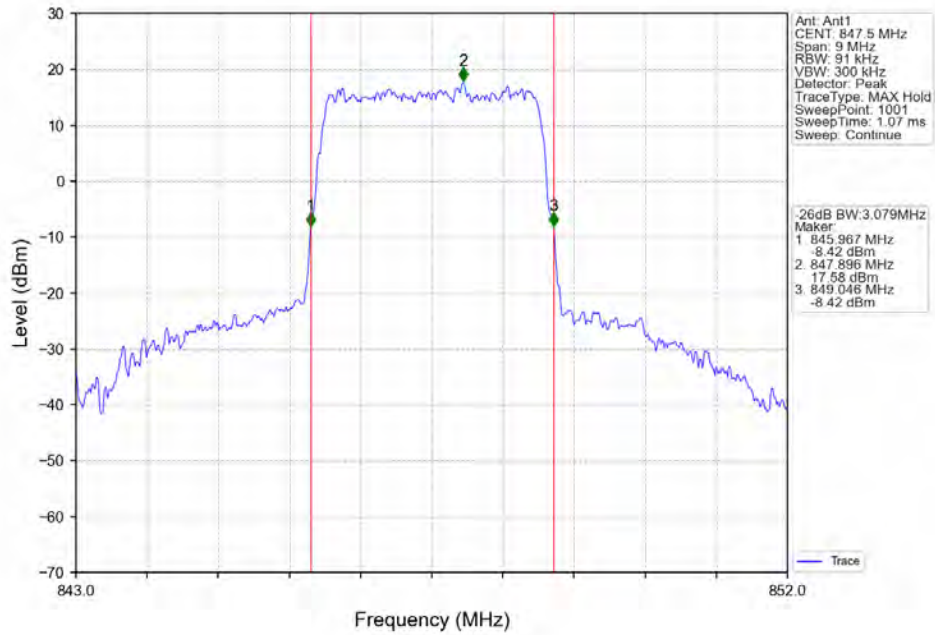
Band26b 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



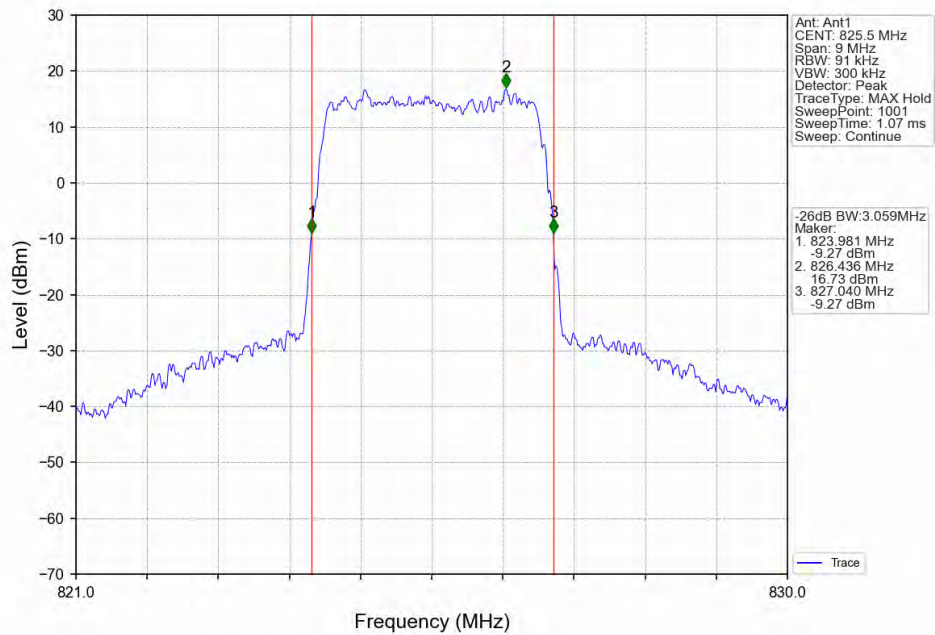
Band26b 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



Band26b 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV

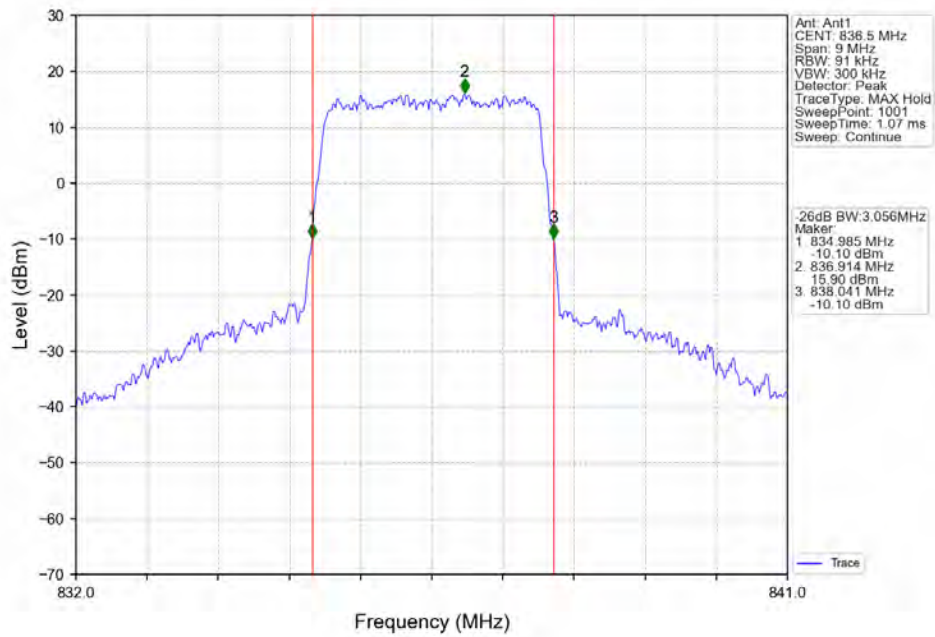


Band26b 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV

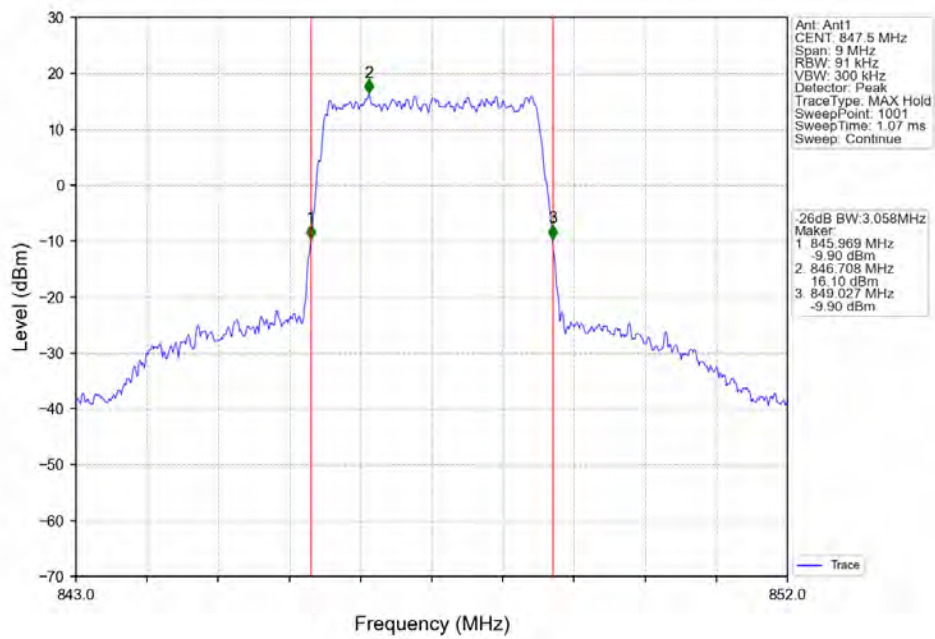




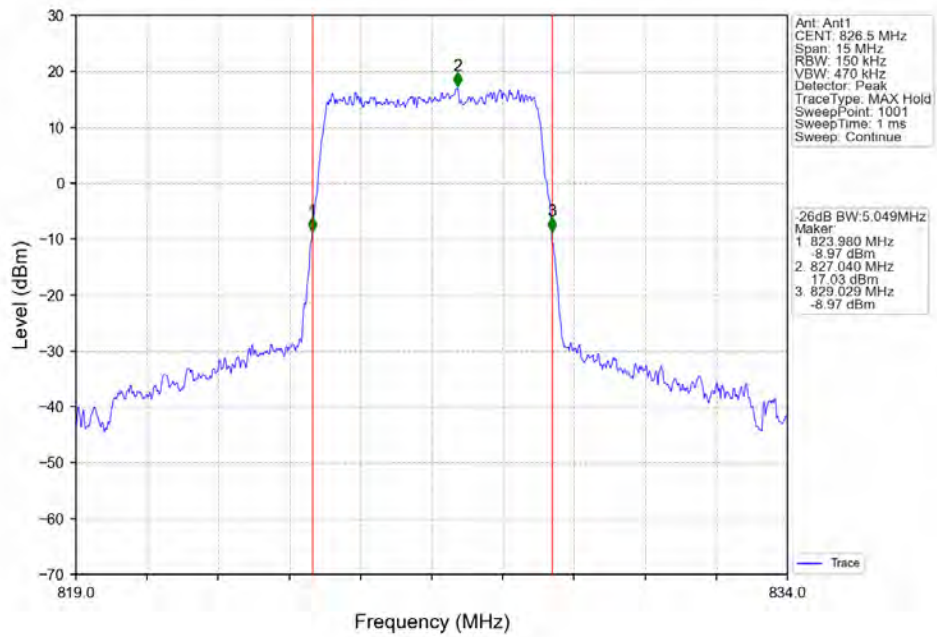
Band26b 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



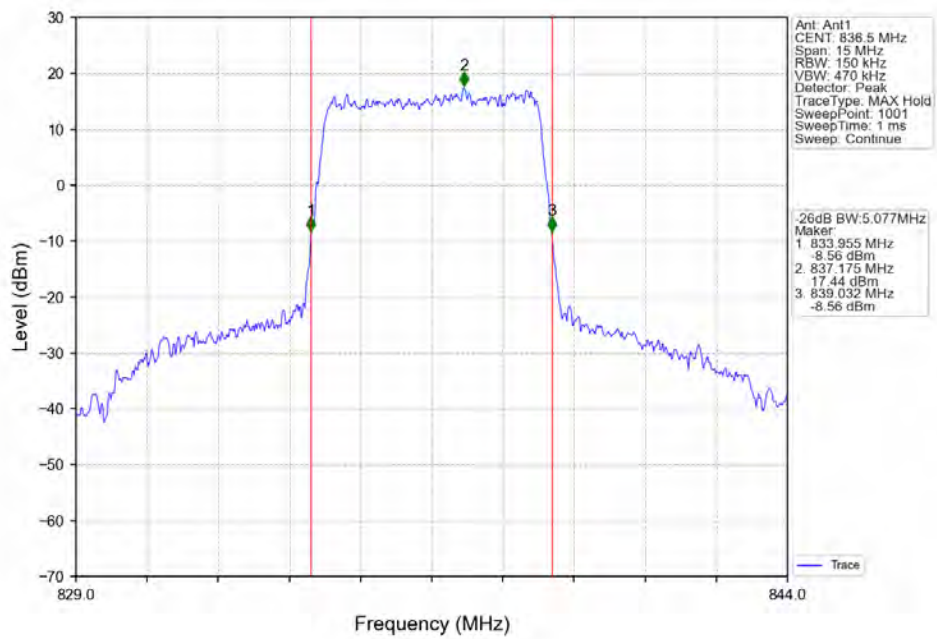
Band26b 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



Band26b 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV

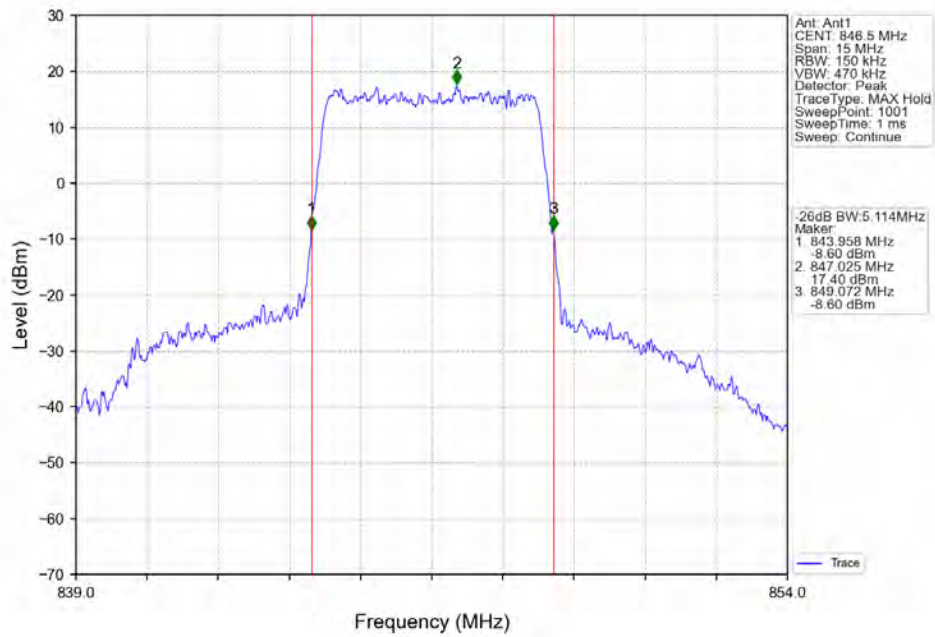


Band26b 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV

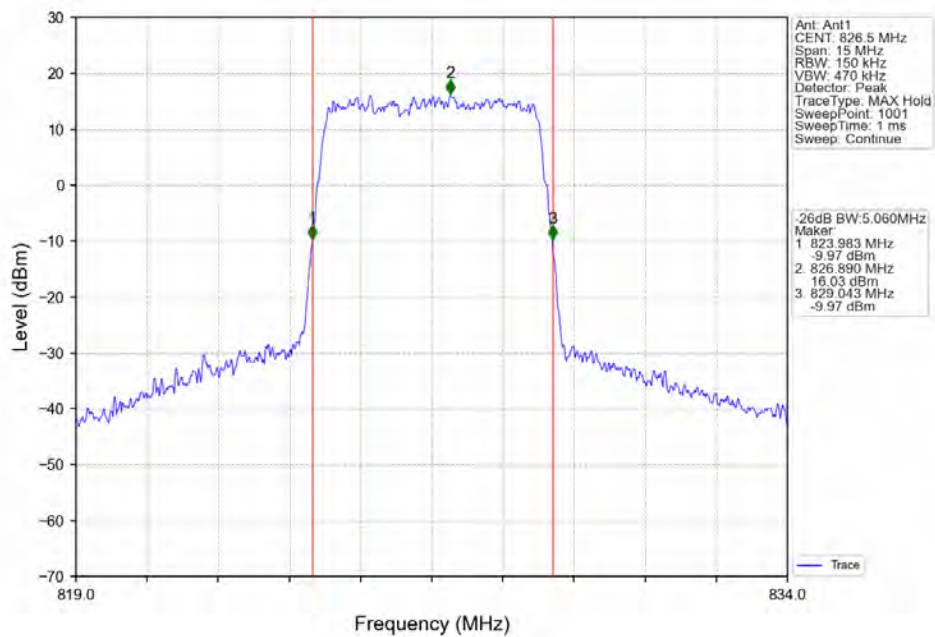




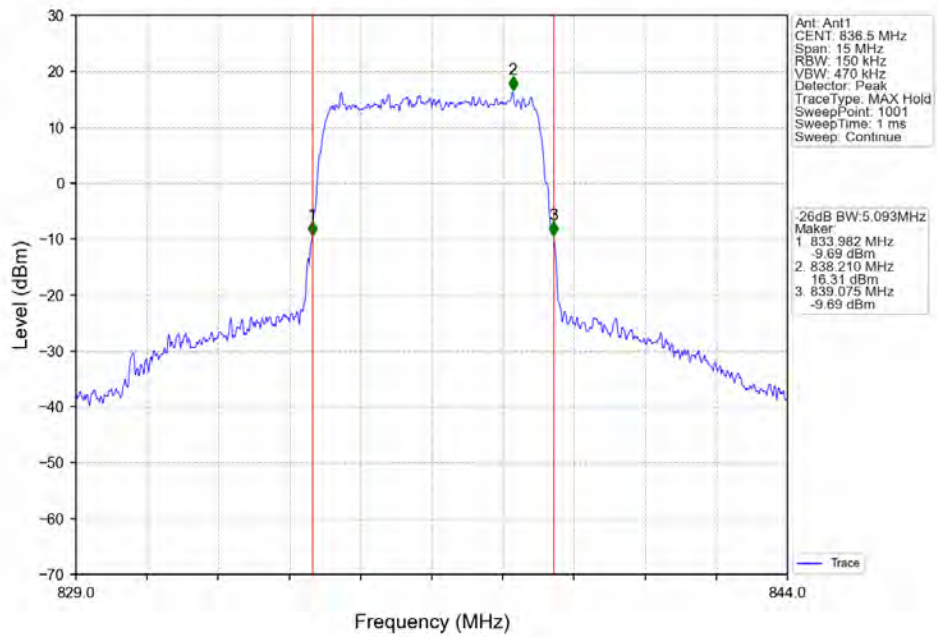
Band26b 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



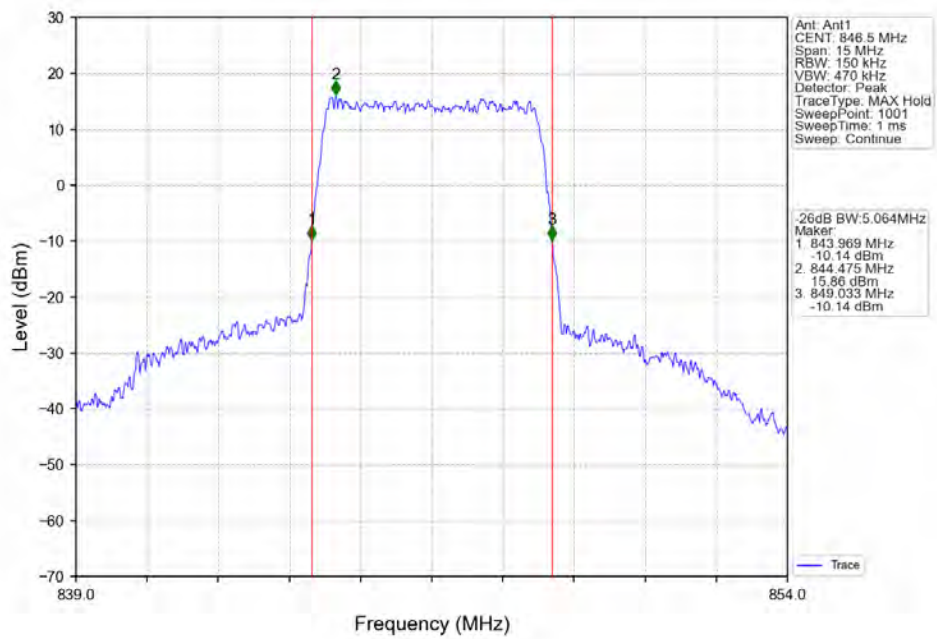
Band26b 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



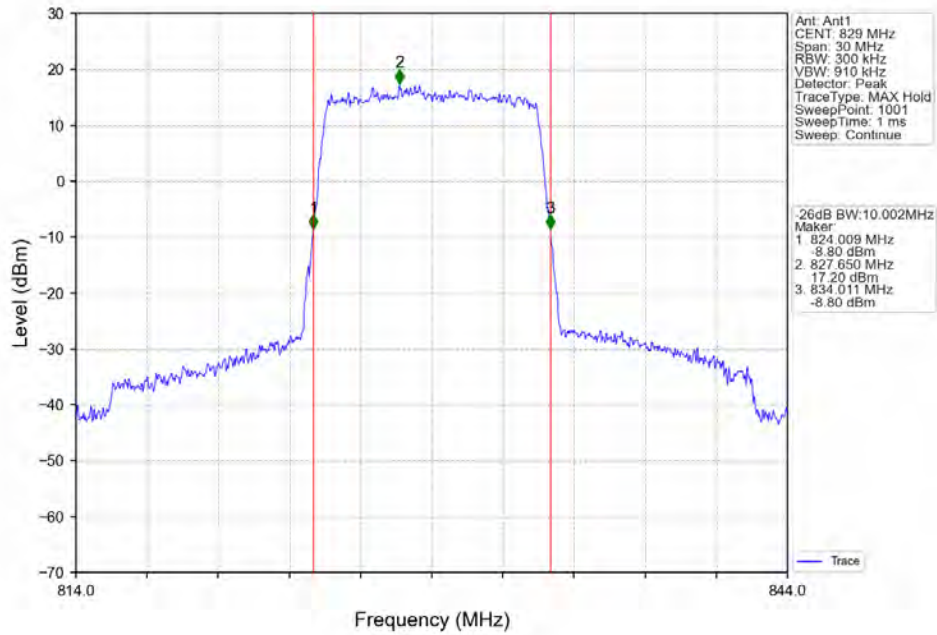
Band26b 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNv



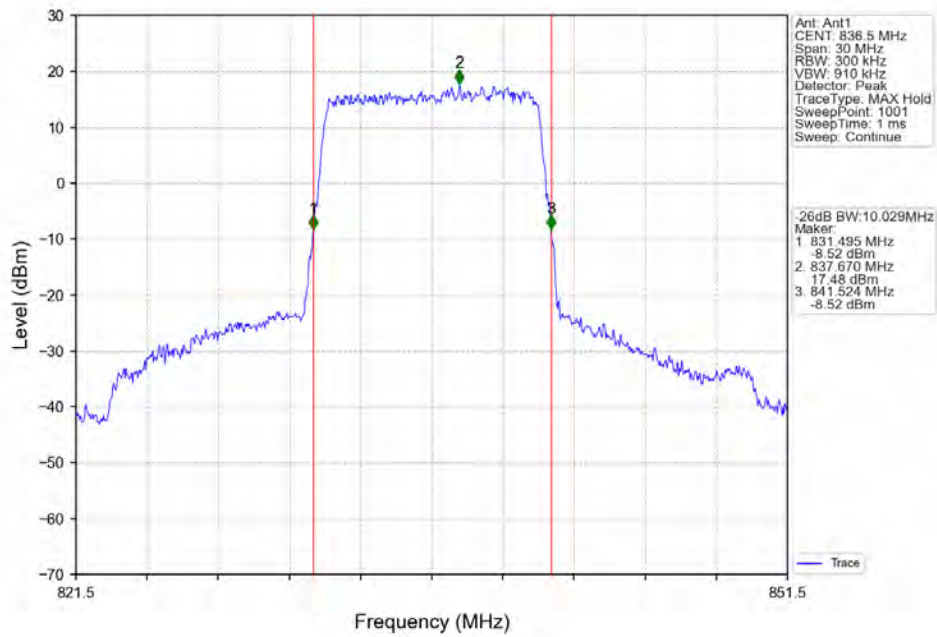
Band26b 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNv



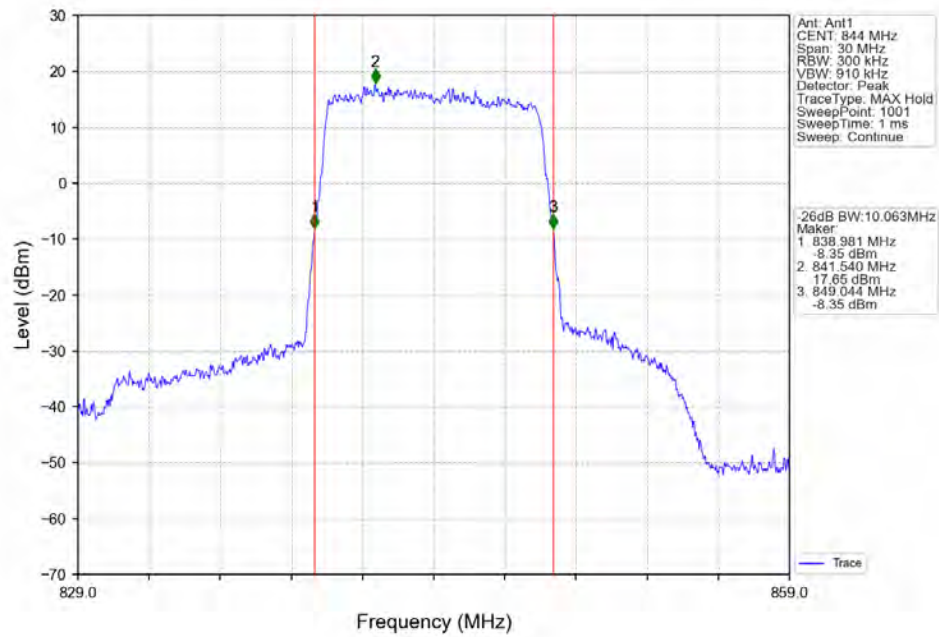
Band26b 10MHz QPSK LCH 829MHz RB 50 0 NTNV



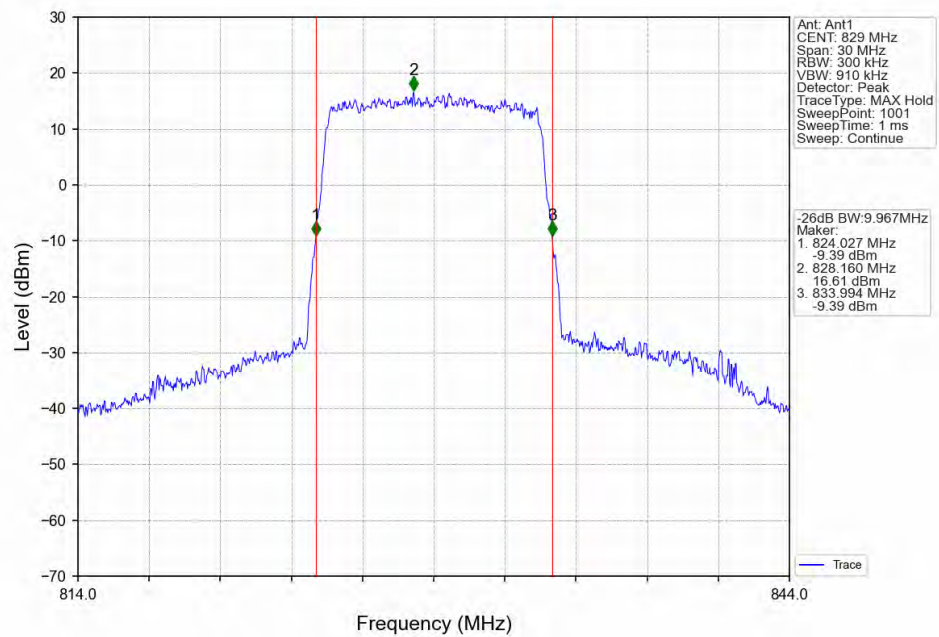
Band26b 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



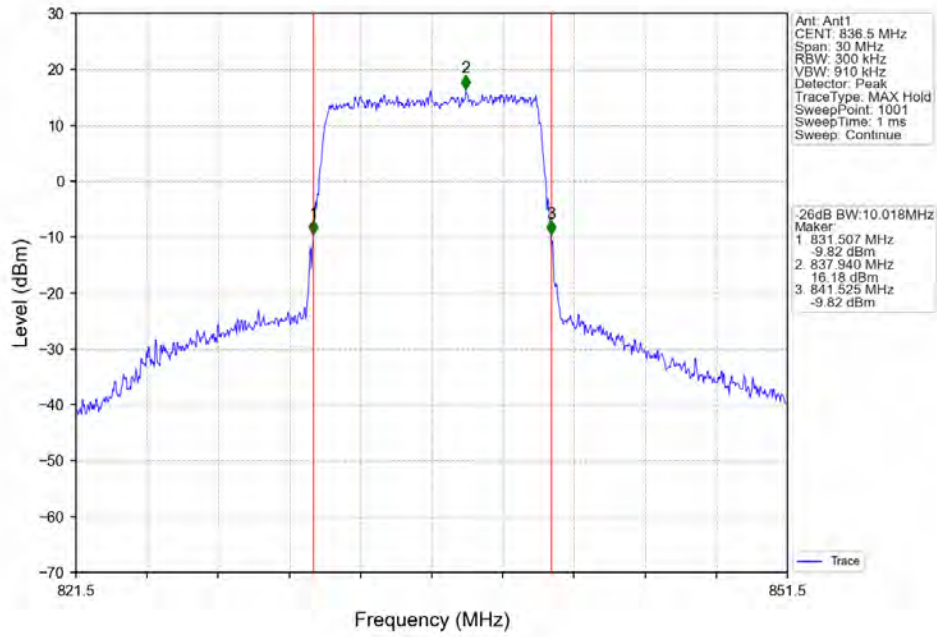
Band26b 10MHz QPSK HCH 844MHz RB 50 0 NTV



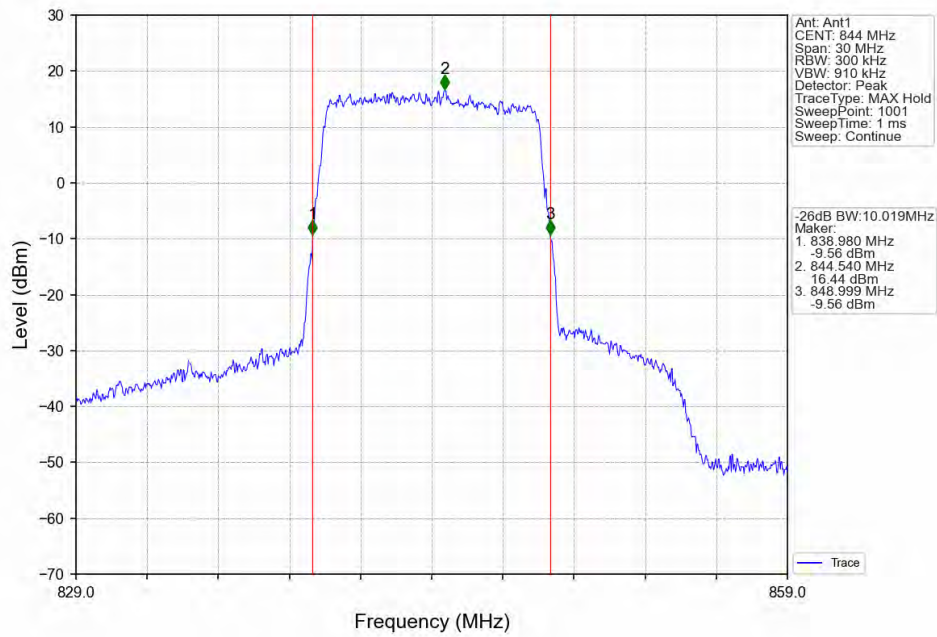
Band26b 10MHz 16QAM LCH 829MHz RB 50 0 NTV



Band26b 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band26b 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



7. 99% & 26dB Bandwidth

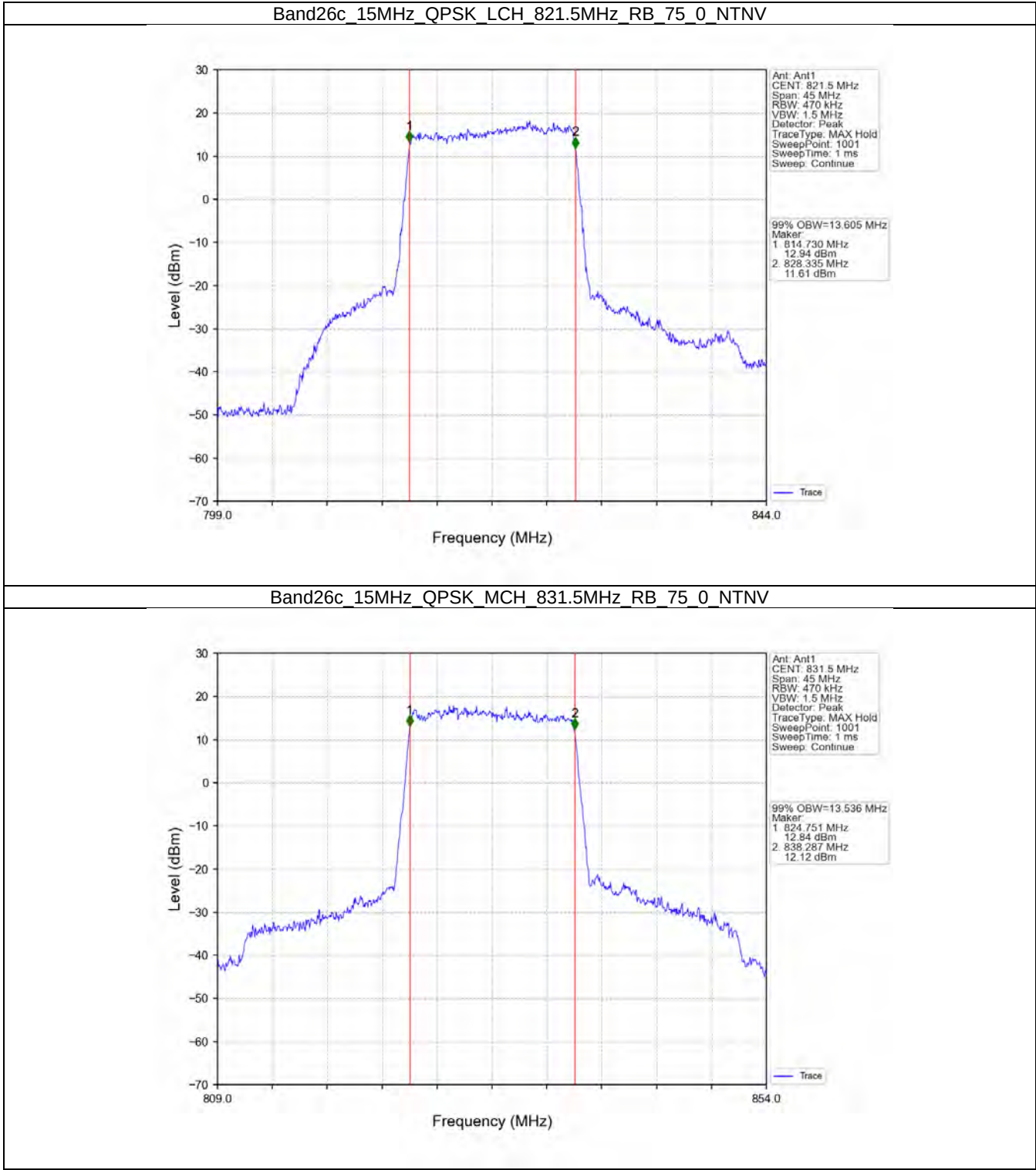
7.1 Band26c\_OBW

7.1.1 Test Result

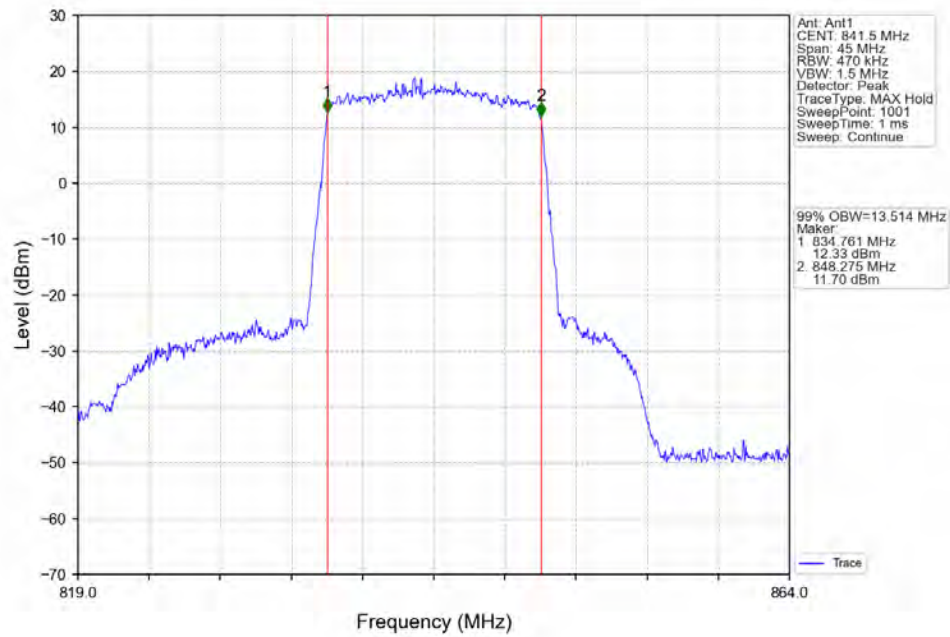
| Band: 26c / NTNV |            |                 |               |        |                              |         |
|------------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                  |            |                 | Size          | Offset | Result                       |         |
| 15               | QPSK       | 821.5           | 75            | 0      | 13.605                       | Pass    |
|                  |            | 831.5           | 75            | 0      | 13.536                       | Pass    |
|                  |            | 841.5           | 75            | 0      | 13.514                       | Pass    |
|                  | 16QAM      | 821.5           | 75            | 0      | 13.607                       | Pass    |
|                  |            | 831.5           | 75            | 0      | 13.558                       | Pass    |
|                  |            | 841.5           | 75            | 0      | 13.498                       | Pass    |



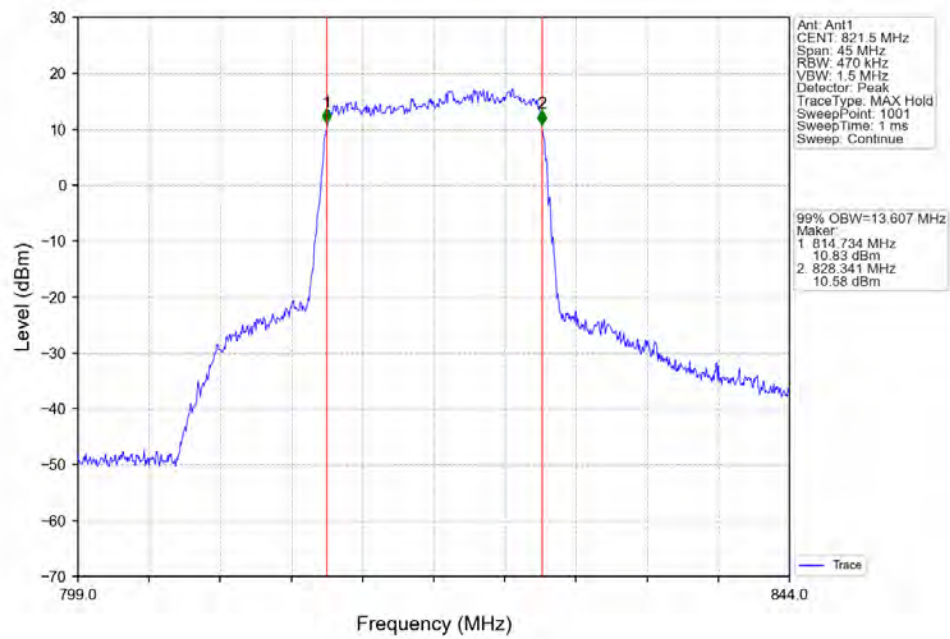
7.1.2 Test Graph



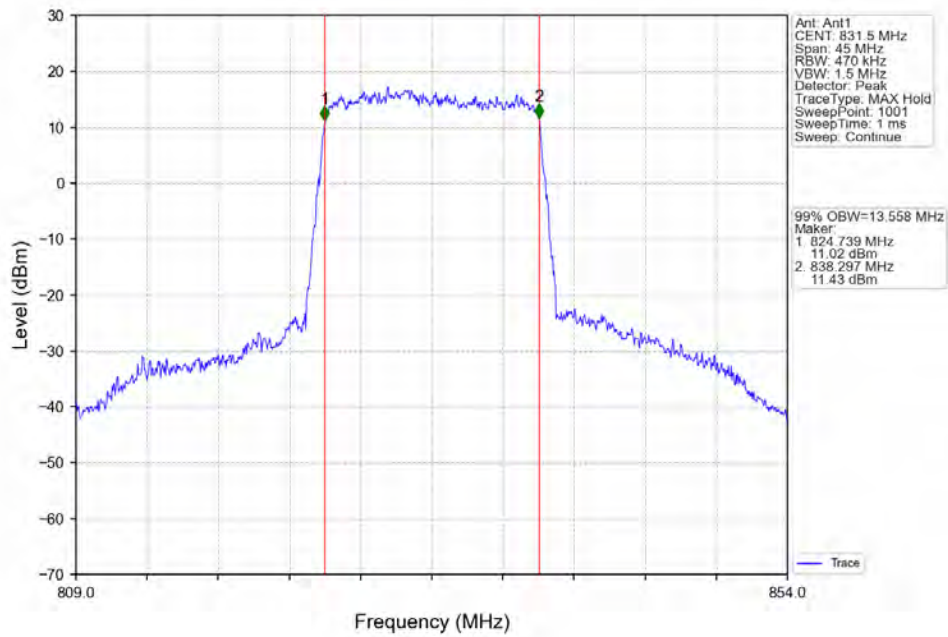
Band26c 15MHz QPSK HCH 841.5MHz RB 75 0 NTN



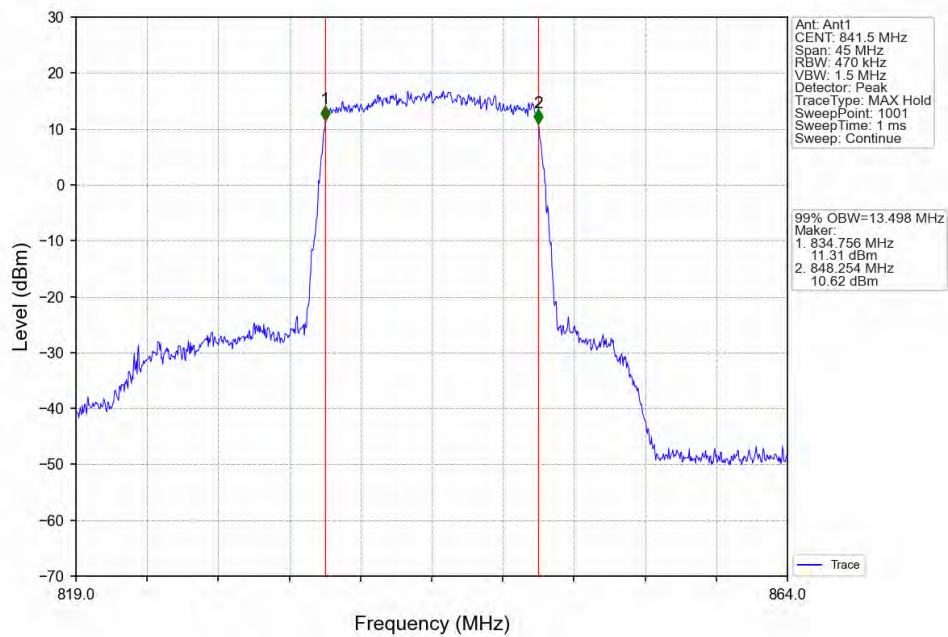
Band26c 15MHz 16QAM LCH 821.5MHz RB 75 0 NTN



Band26c 15MHz 16QAM MCH 831.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNV

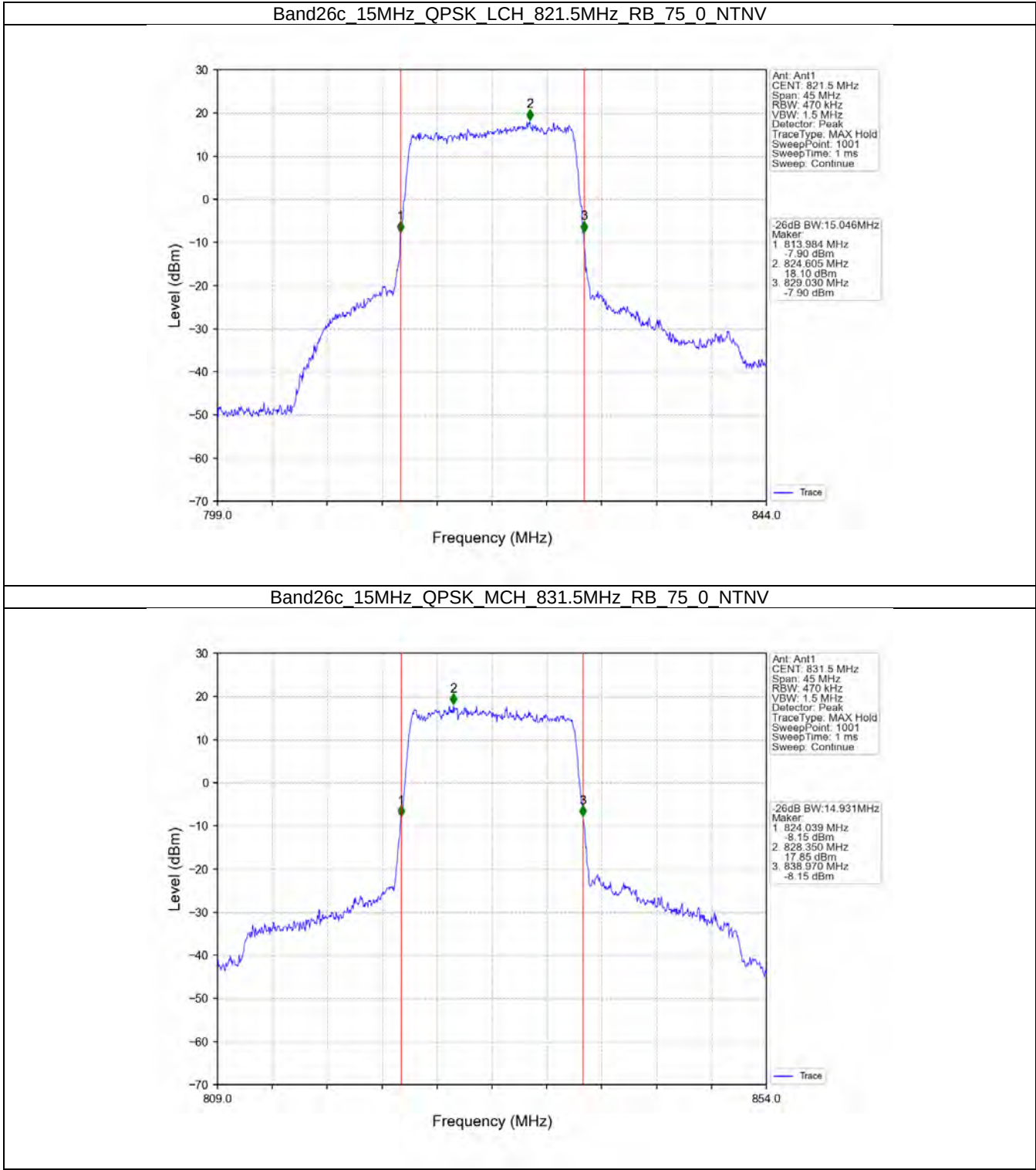


7.2 Band26c\_XDB

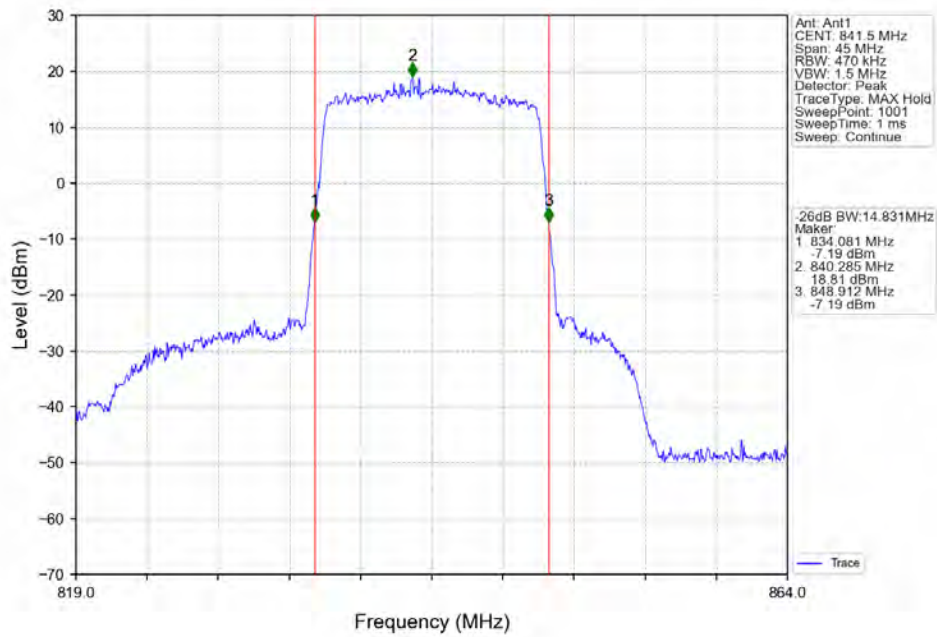
7.2.1 Test Result

| Band: 26c / NTNV |            |                 |               |        |                      |         |
|------------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                  |            |                 | Size          | Offset | Result               |         |
| 15               | QPSK       | 821.5           | 75            | 0      | 15.046               | Pass    |
|                  |            | 831.5           | 75            | 0      | 14.931               | Pass    |
|                  |            | 841.5           | 75            | 0      | 14.831               | Pass    |
|                  | 16QAM      | 821.5           | 75            | 0      | 14.869               | Pass    |
|                  |            | 831.5           | 75            | 0      | 14.921               | Pass    |
|                  |            | 841.5           | 75            | 0      | 14.830               | Pass    |

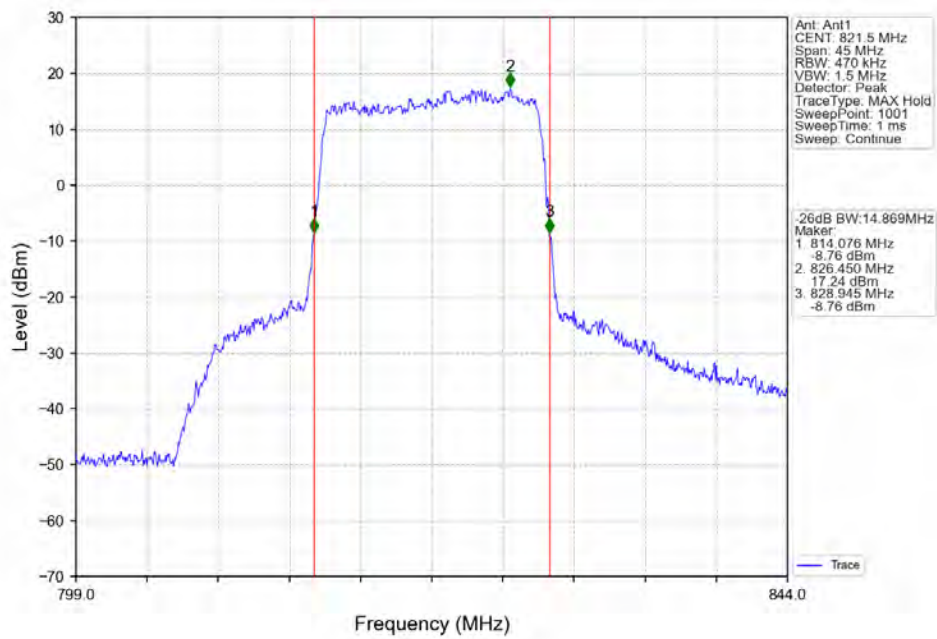
7.2.2 Test Graph



Band26c 15MHz QPSK HCH 841.5MHz RB 75 0 NTN

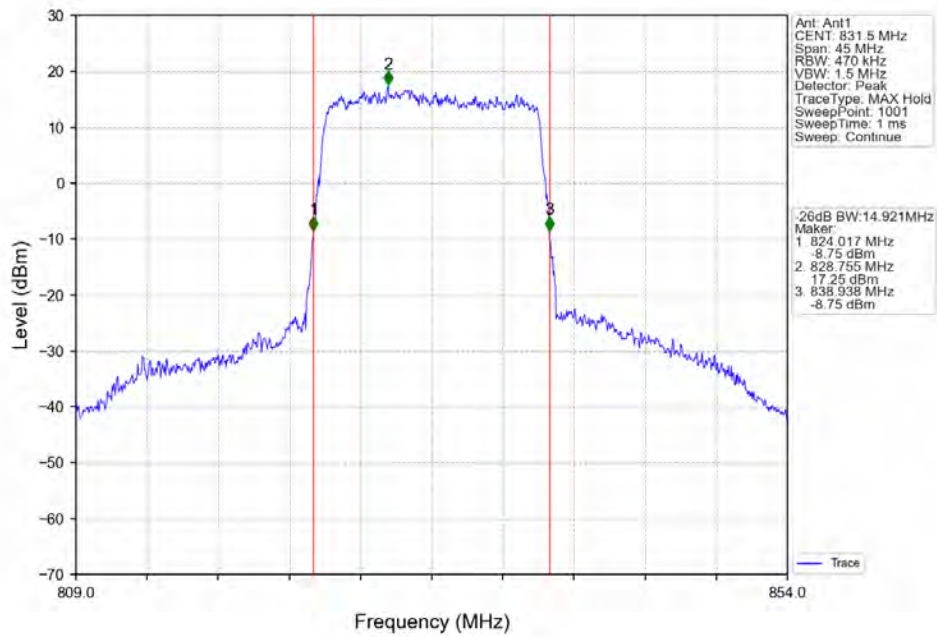


Band26c 15MHz 16QAM LCH 821.5MHz RB 75 0 NTN

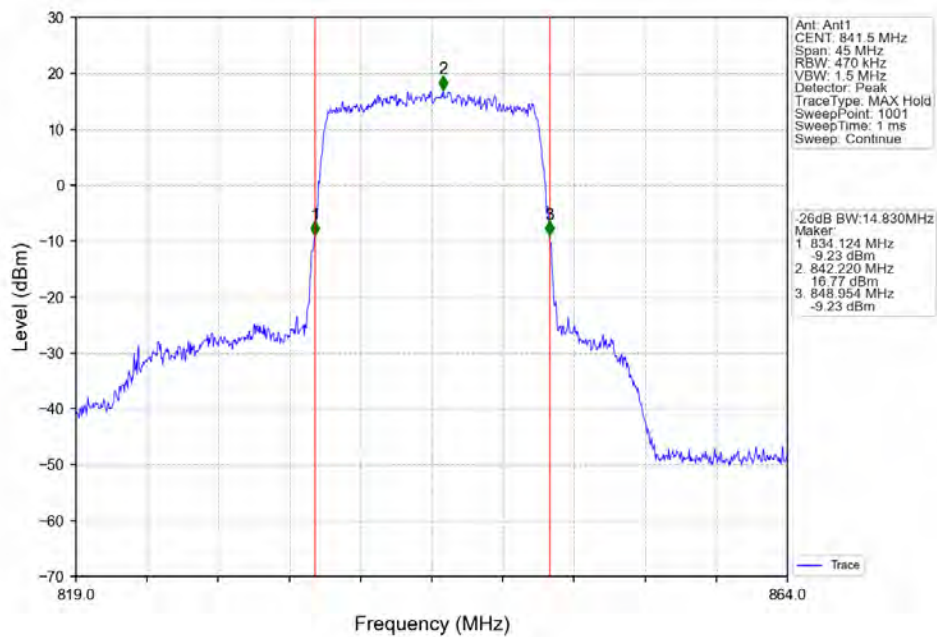




Band26c 15MHz 16QAM MCH 831.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNV



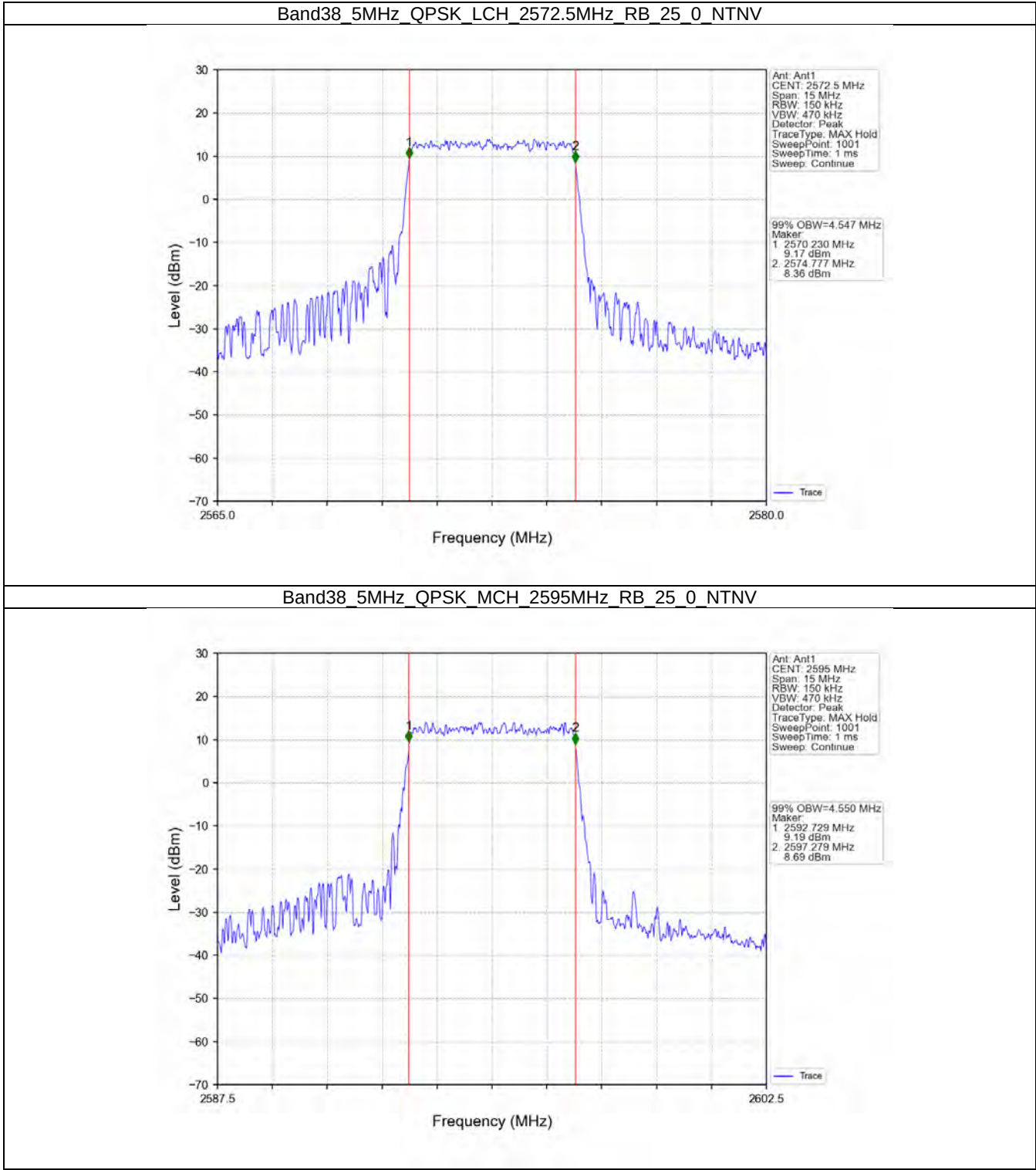
## 8. 99% & 26dB Bandwidth

### 8.1 Band38\_OBW

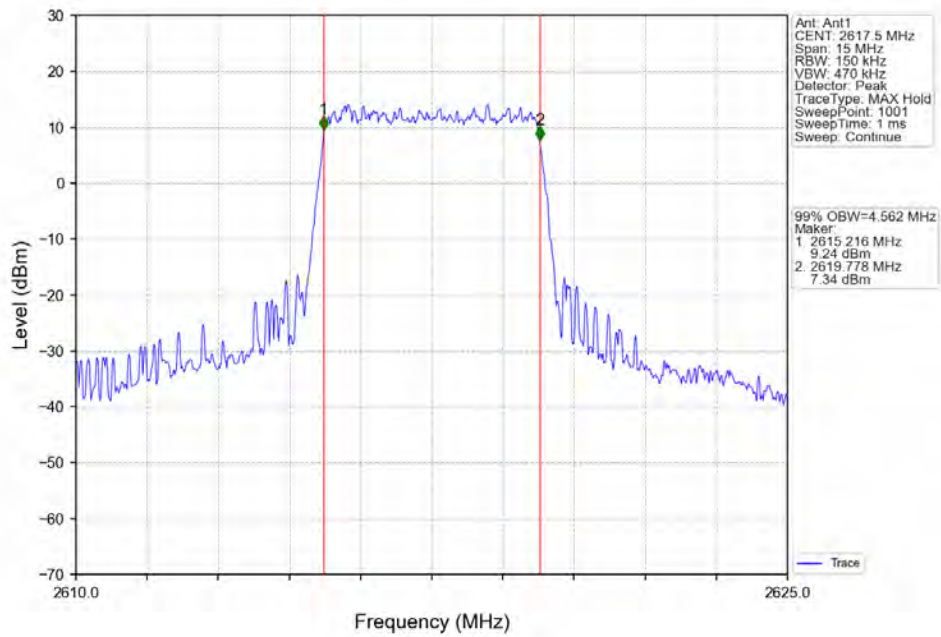
#### 8.1.1 Test Result

| Band: 38 / NTNV |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 5               | QPSK       | 2572.5          | 25            | 0      | 4.547                        | Pass    |
|                 |            | 2595            | 25            | 0      | 4.550                        | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.562                        | Pass    |
|                 | 16QAM      | 2572.5          | 25            | 0      | 4.564                        | Pass    |
|                 |            | 2595            | 25            | 0      | 4.544                        | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.544                        | Pass    |
| 10              | QPSK       | 2575            | 50            | 0      | 9.024                        | Pass    |
|                 |            | 2595            | 50            | 0      | 9.015                        | Pass    |
|                 |            | 2615            | 50            | 0      | 9.045                        | Pass    |
|                 | 16QAM      | 2575            | 50            | 0      | 9.041                        | Pass    |
|                 |            | 2595            | 50            | 0      | 9.009                        | Pass    |
|                 |            | 2615            | 50            | 0      | 9.030                        | Pass    |
| 15              | QPSK       | 2577.5          | 75            | 0      | 13.587                       | Pass    |
|                 |            | 2595            | 75            | 0      | 13.542                       | Pass    |
|                 |            | 2612.5          | 75            | 0      | 13.513                       | Pass    |
|                 | 16QAM      | 2577.5          | 75            | 0      | 13.590                       | Pass    |
|                 |            | 2595            | 75            | 0      | 13.585                       | Pass    |
|                 |            | 2612.5          | 75            | 0      | 13.604                       | Pass    |
| 20              | QPSK       | 2580            | 100           | 0      | 18.060                       | Pass    |
|                 |            | 2595            | 100           | 0      | 18.008                       | Pass    |
|                 |            | 2610            | 100           | 0      | 18.089                       | Pass    |
|                 | 16QAM      | 2580            | 100           | 0      | 18.022                       | Pass    |
|                 |            | 2595            | 100           | 0      | 18.062                       | Pass    |
|                 |            | 2610            | 100           | 0      | 18.109                       | Pass    |

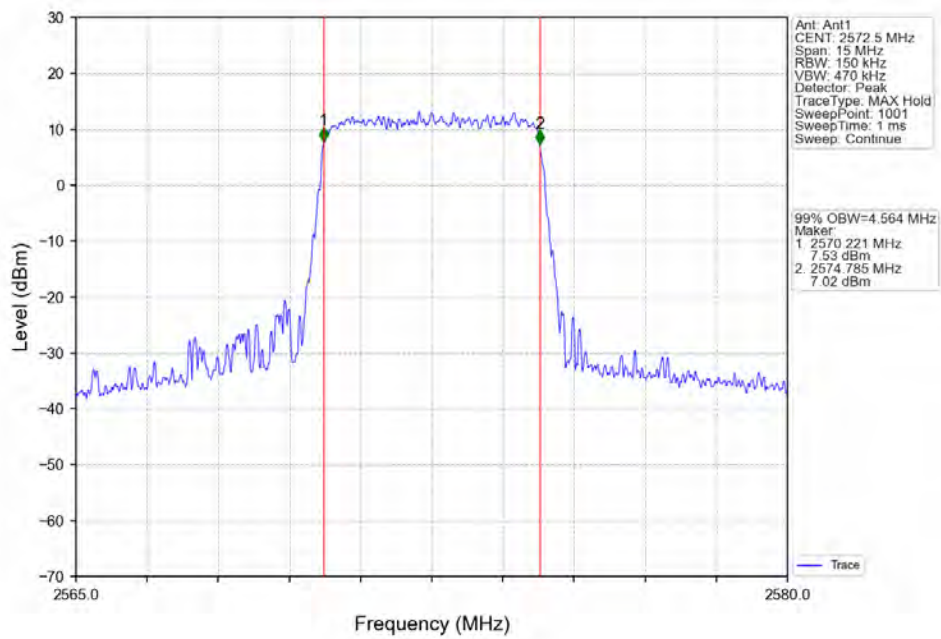
8.1.2 Test Graph



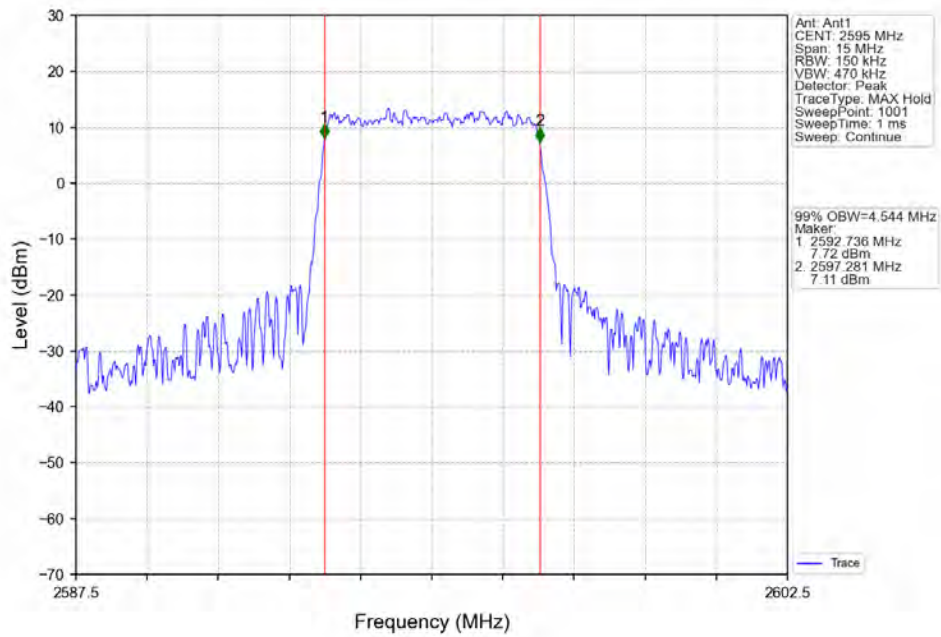
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



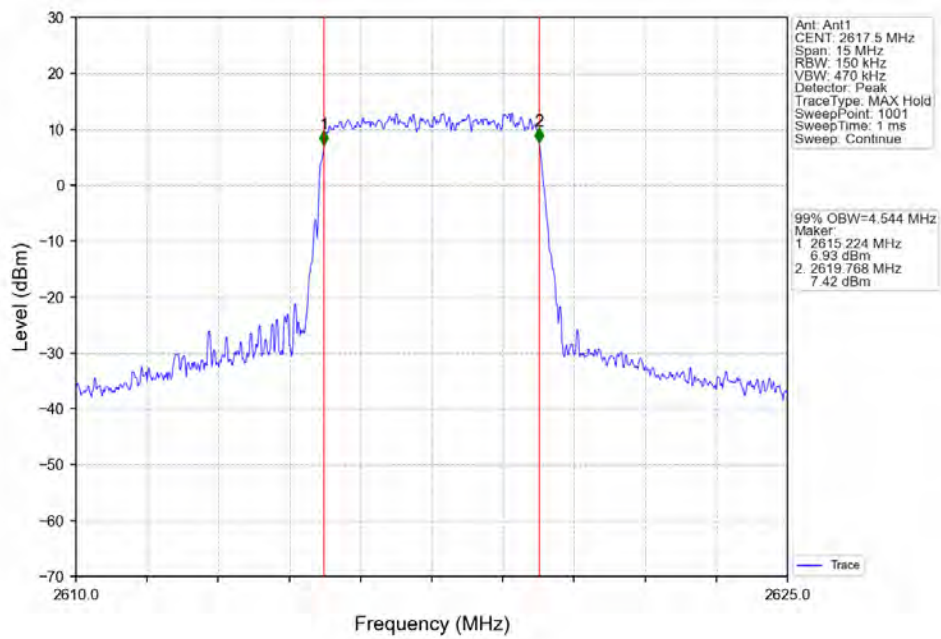
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



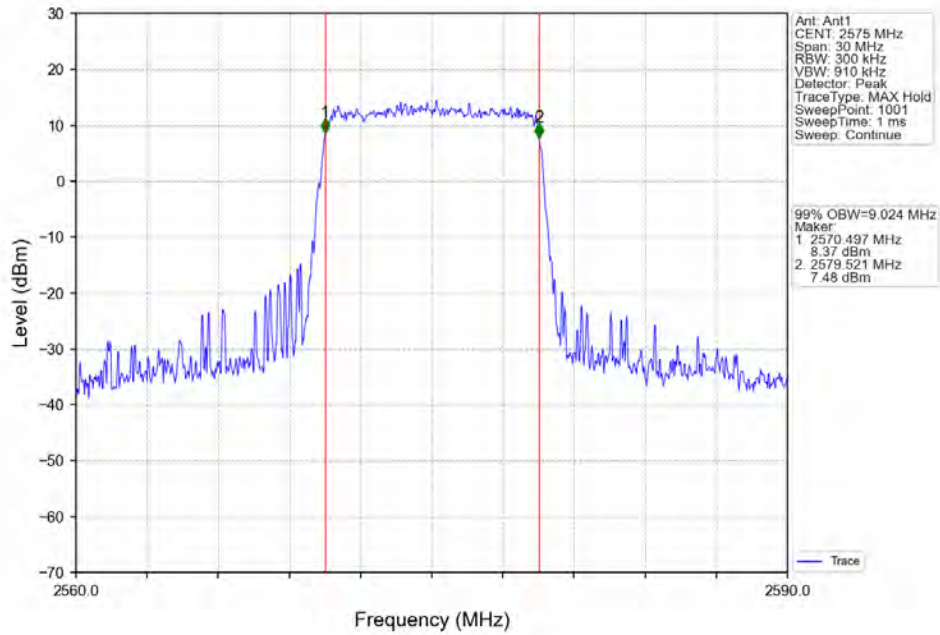
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



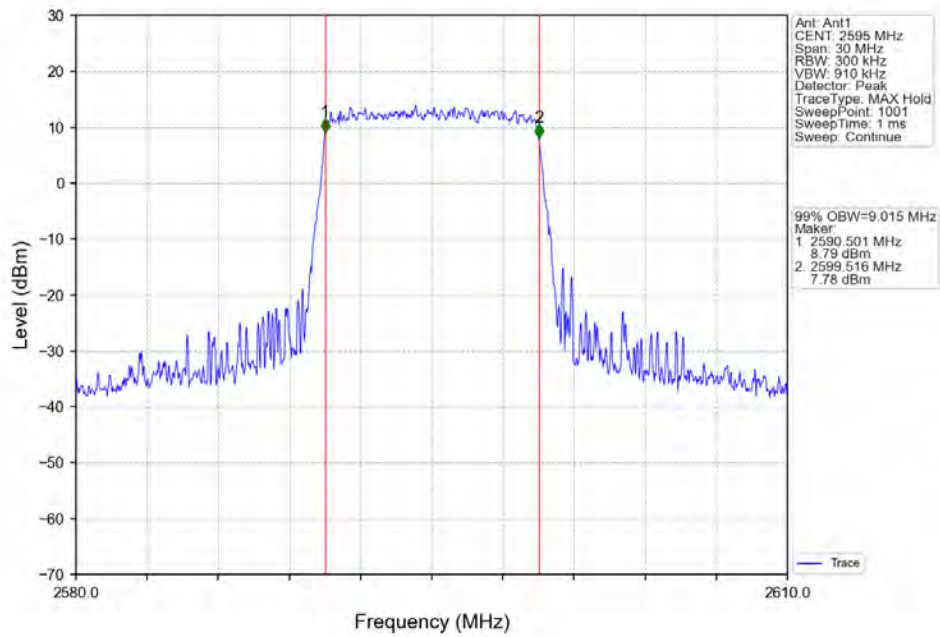
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTNV

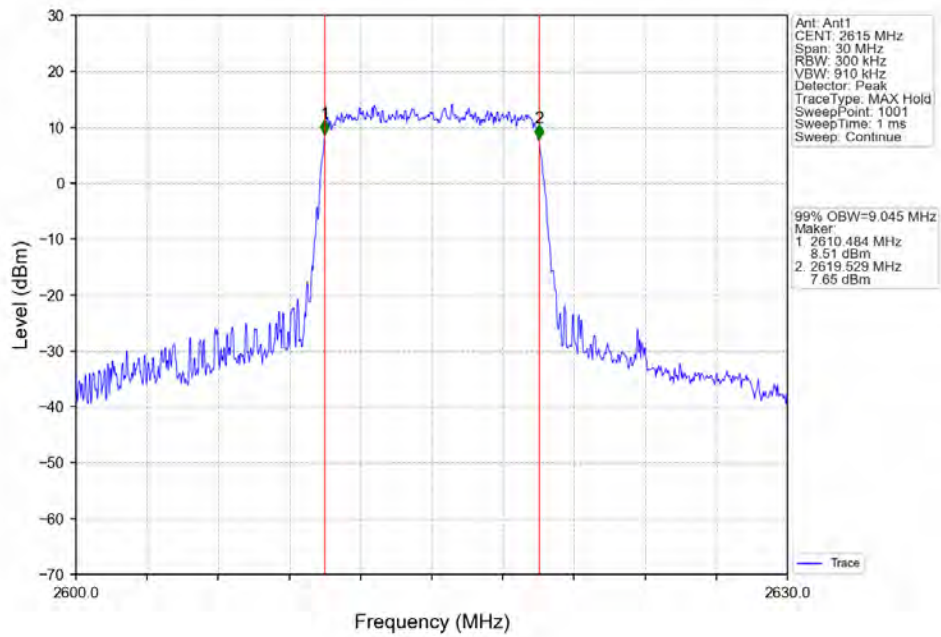


Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTNV

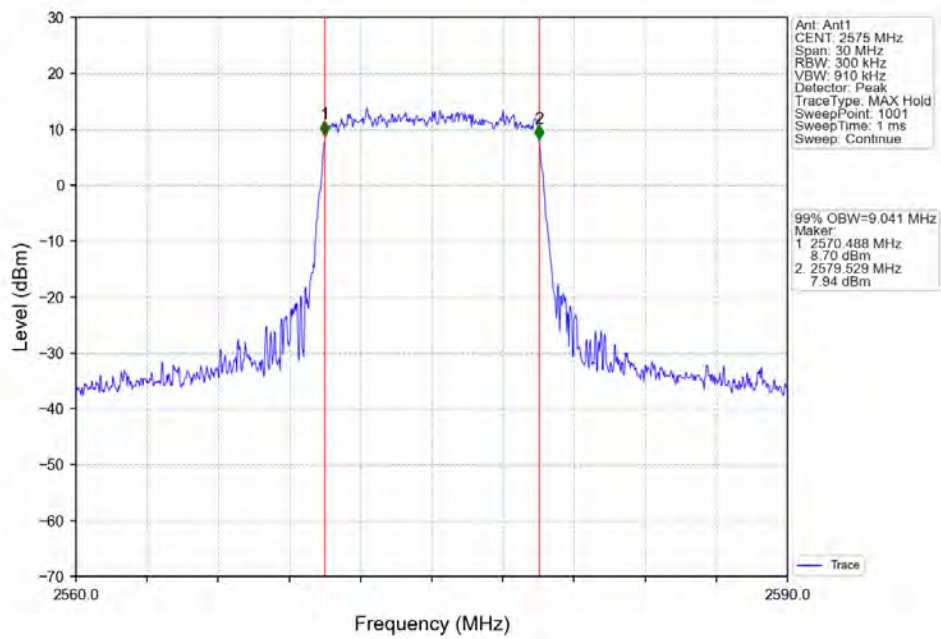




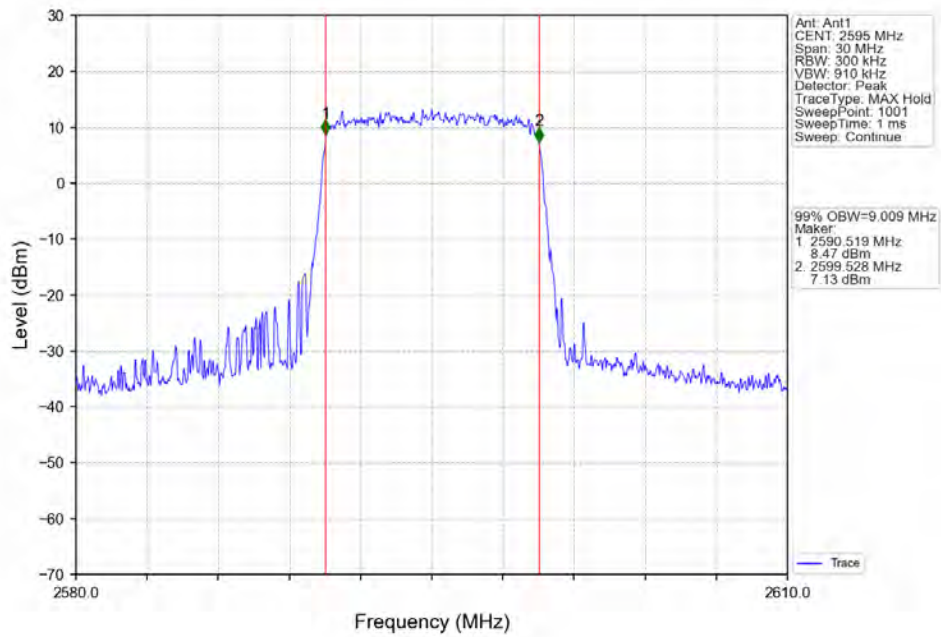
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



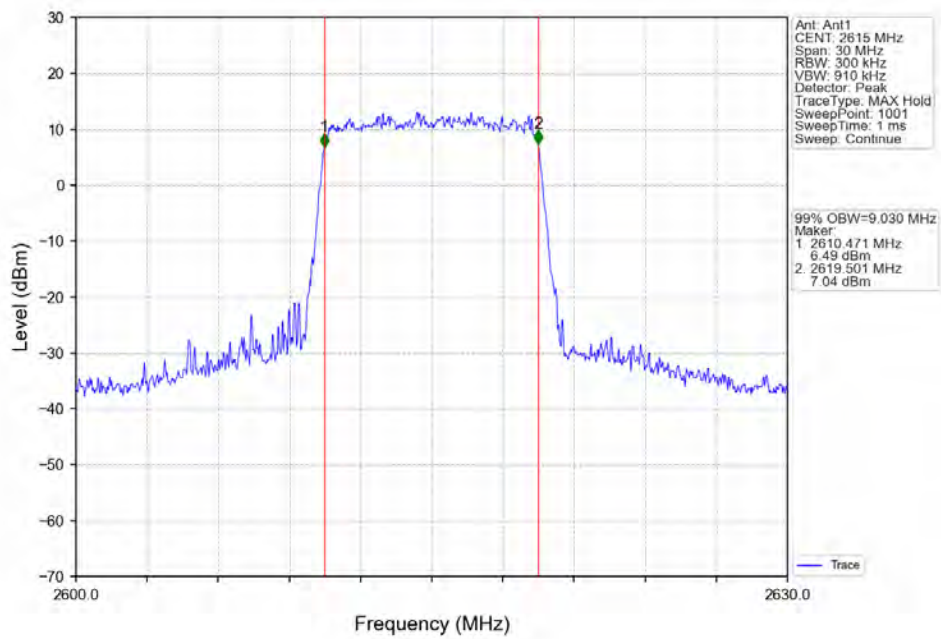
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTNV



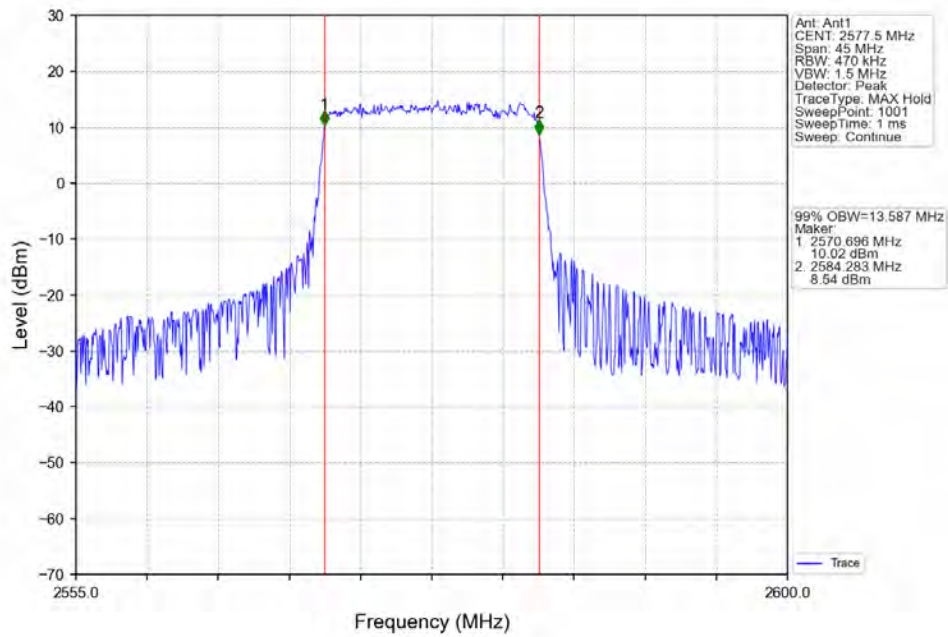
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



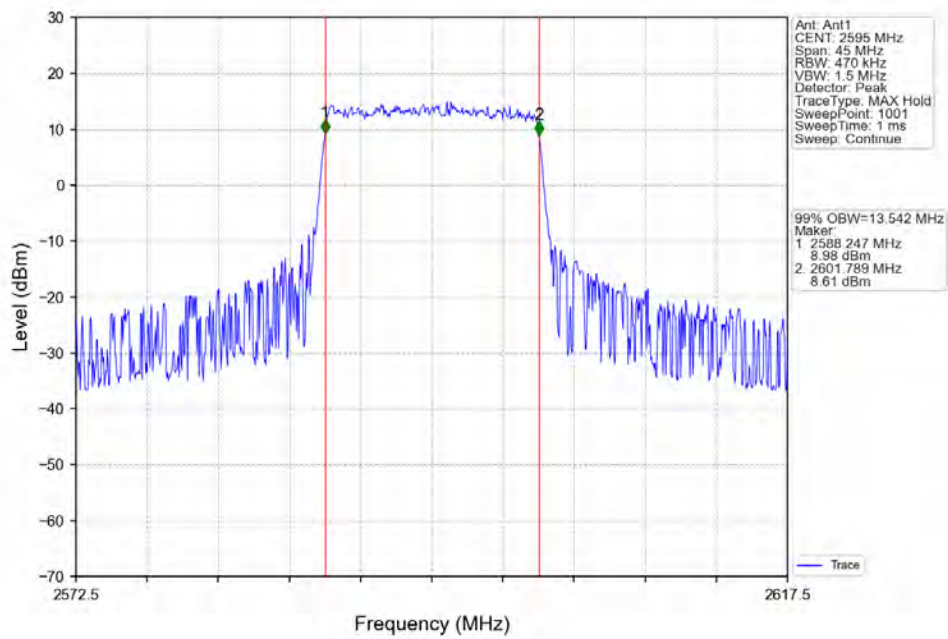
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV



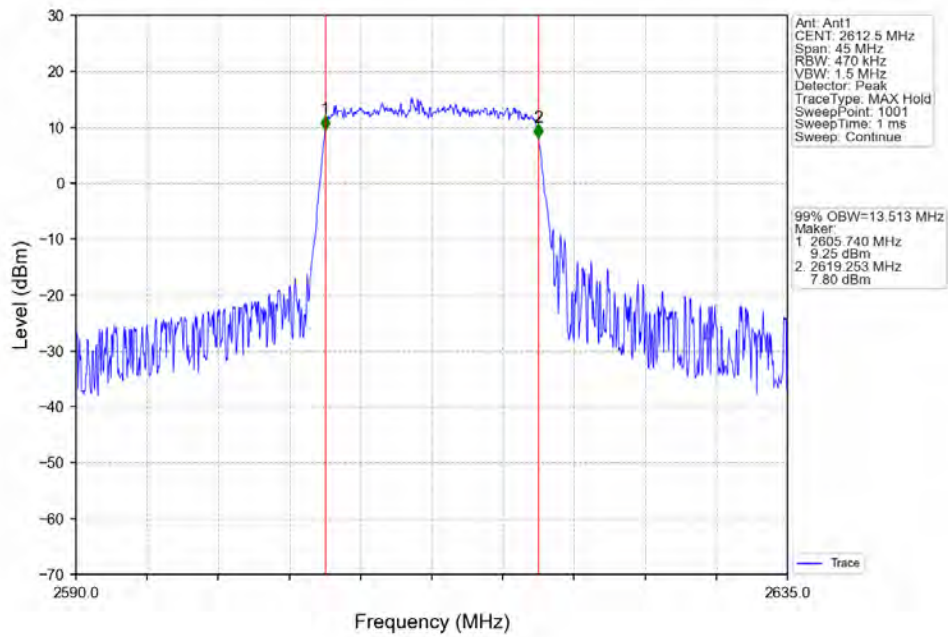
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



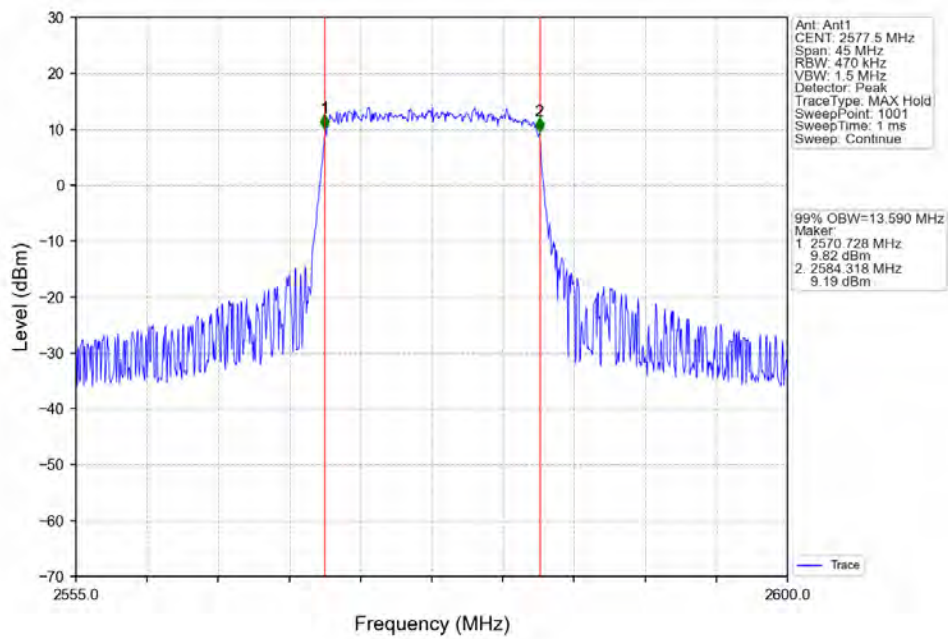
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



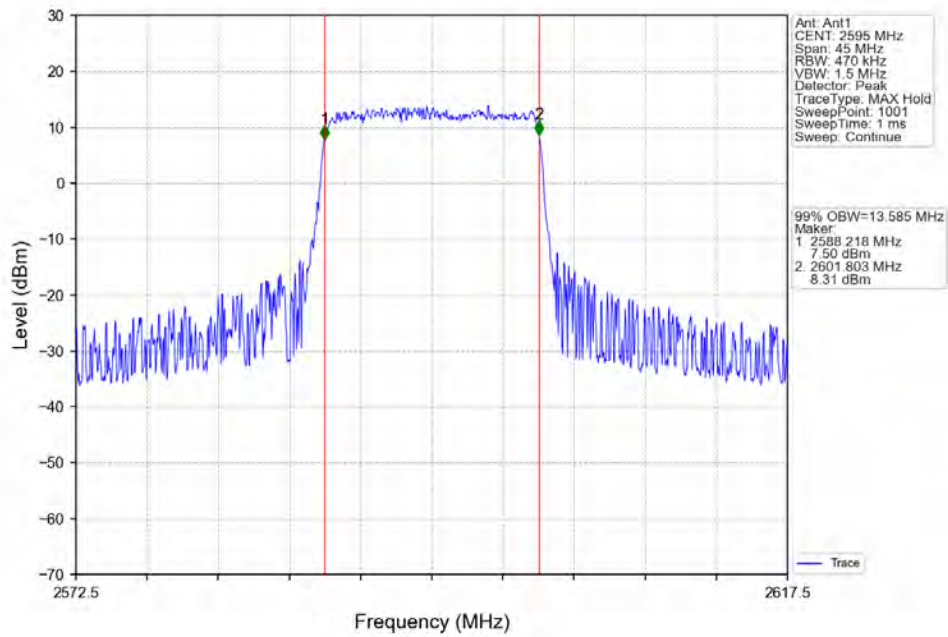
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



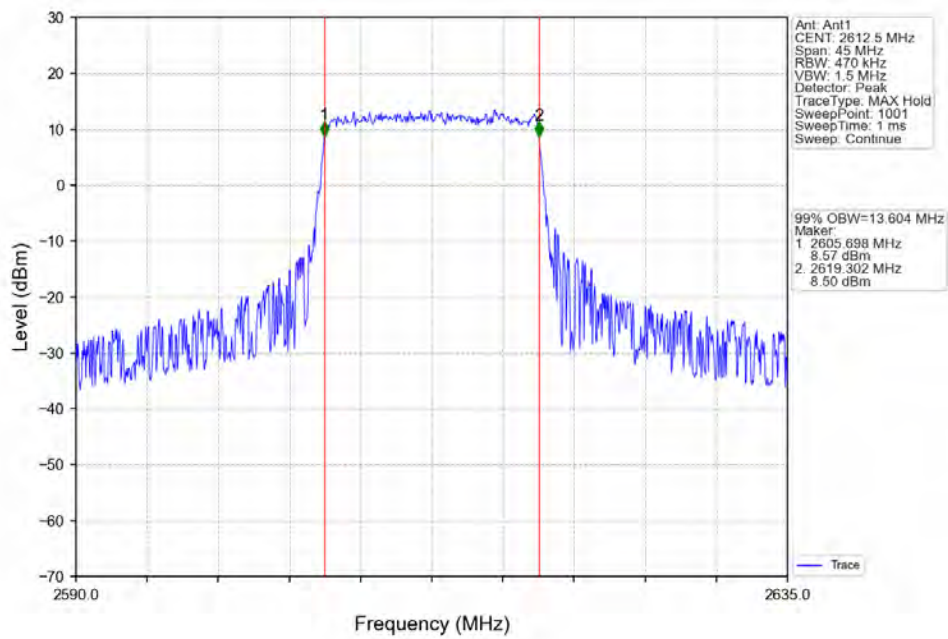
Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN



Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTNV

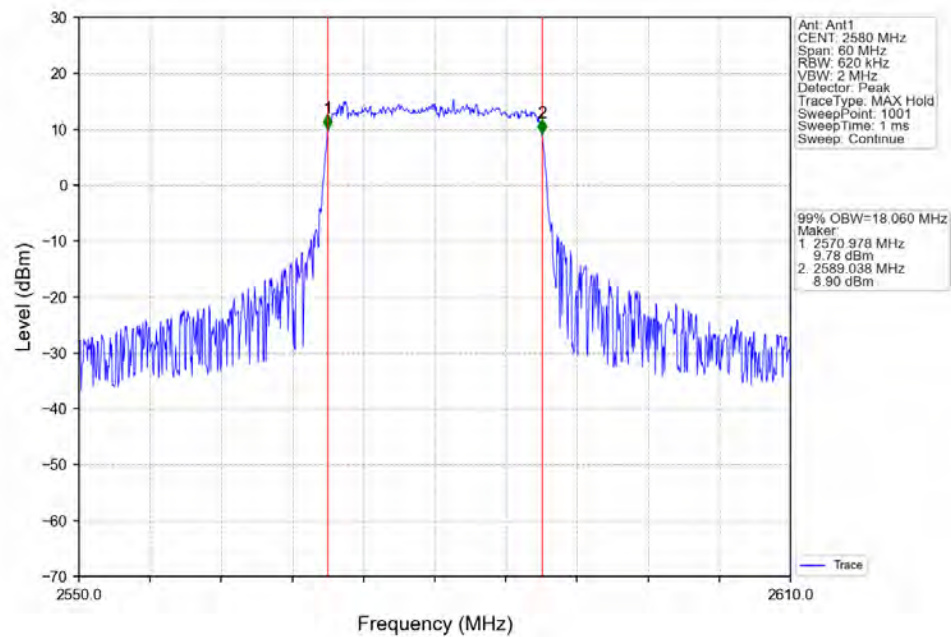


Band38 15MHz 16QAM HCH 2612.5MHz RB 75 0 NTNV

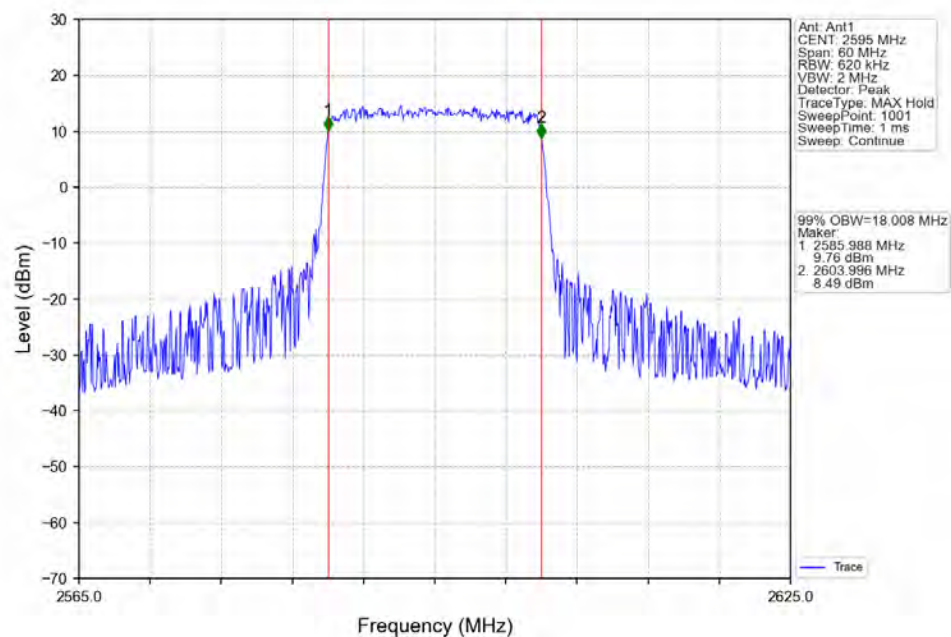




Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV

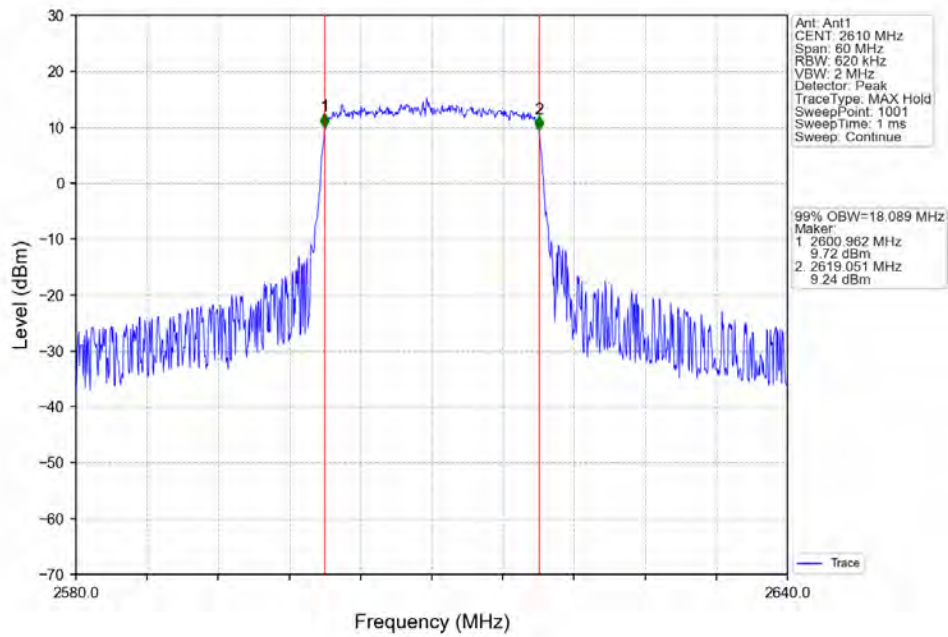


Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV

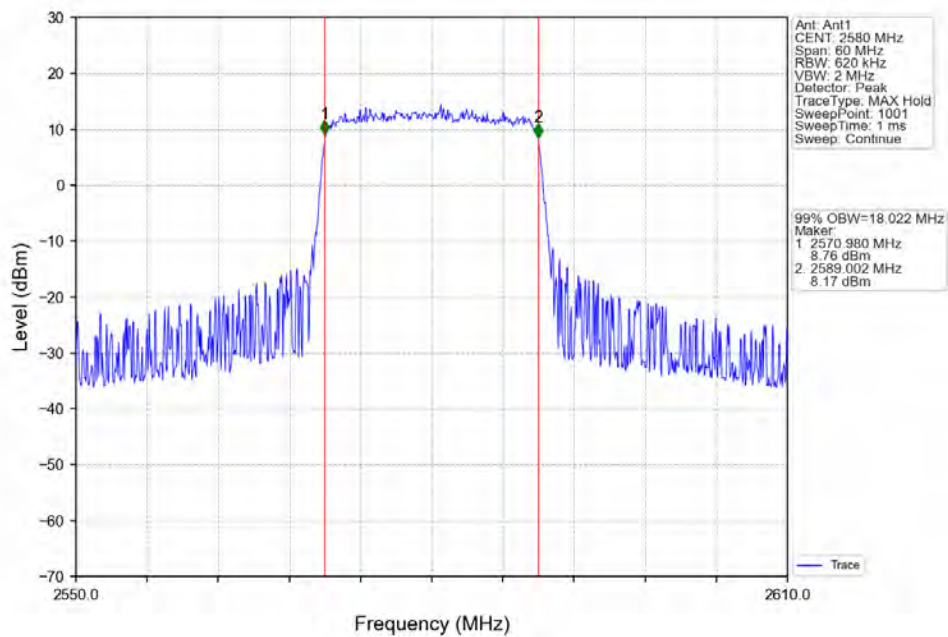




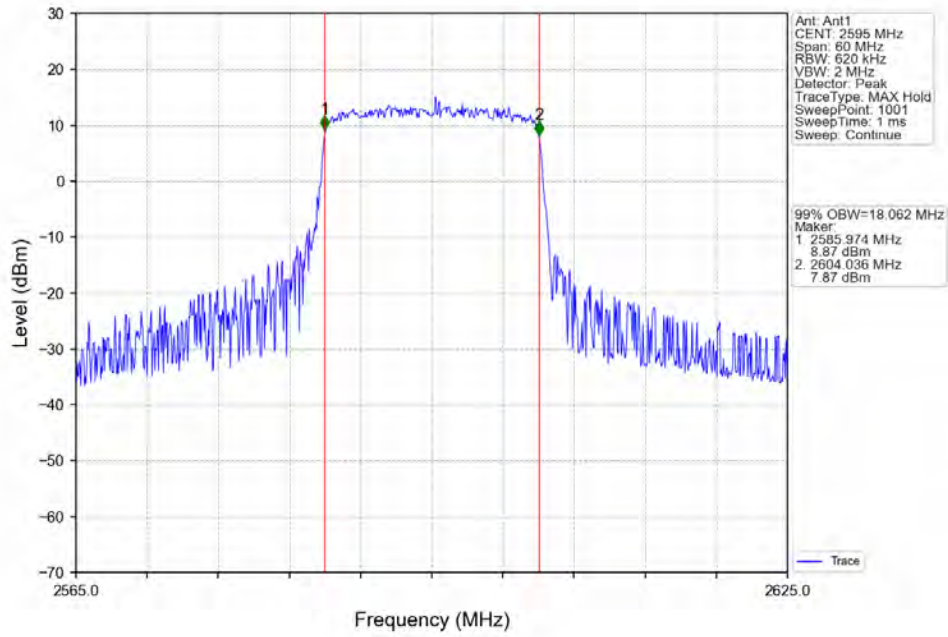
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



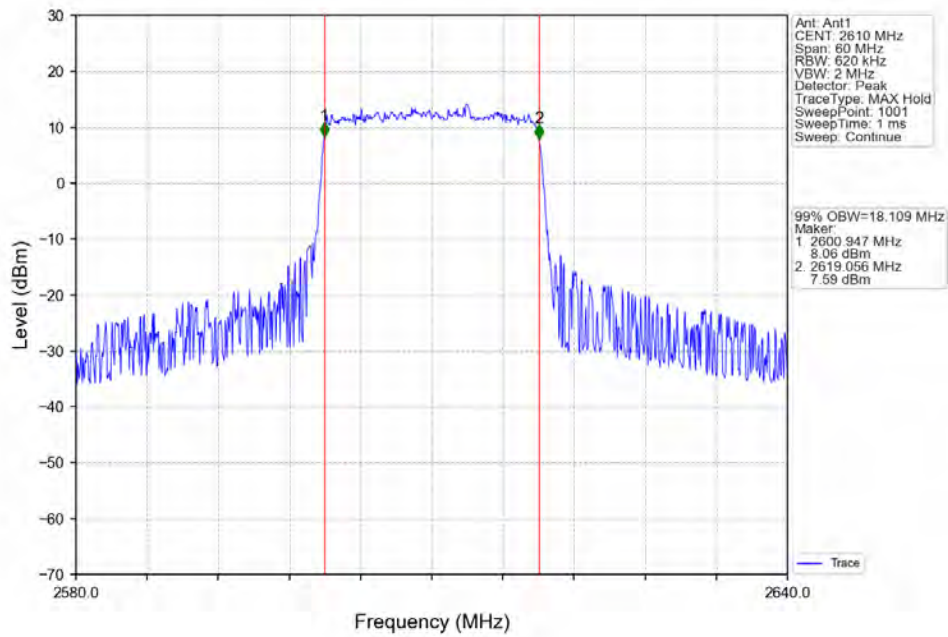
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV

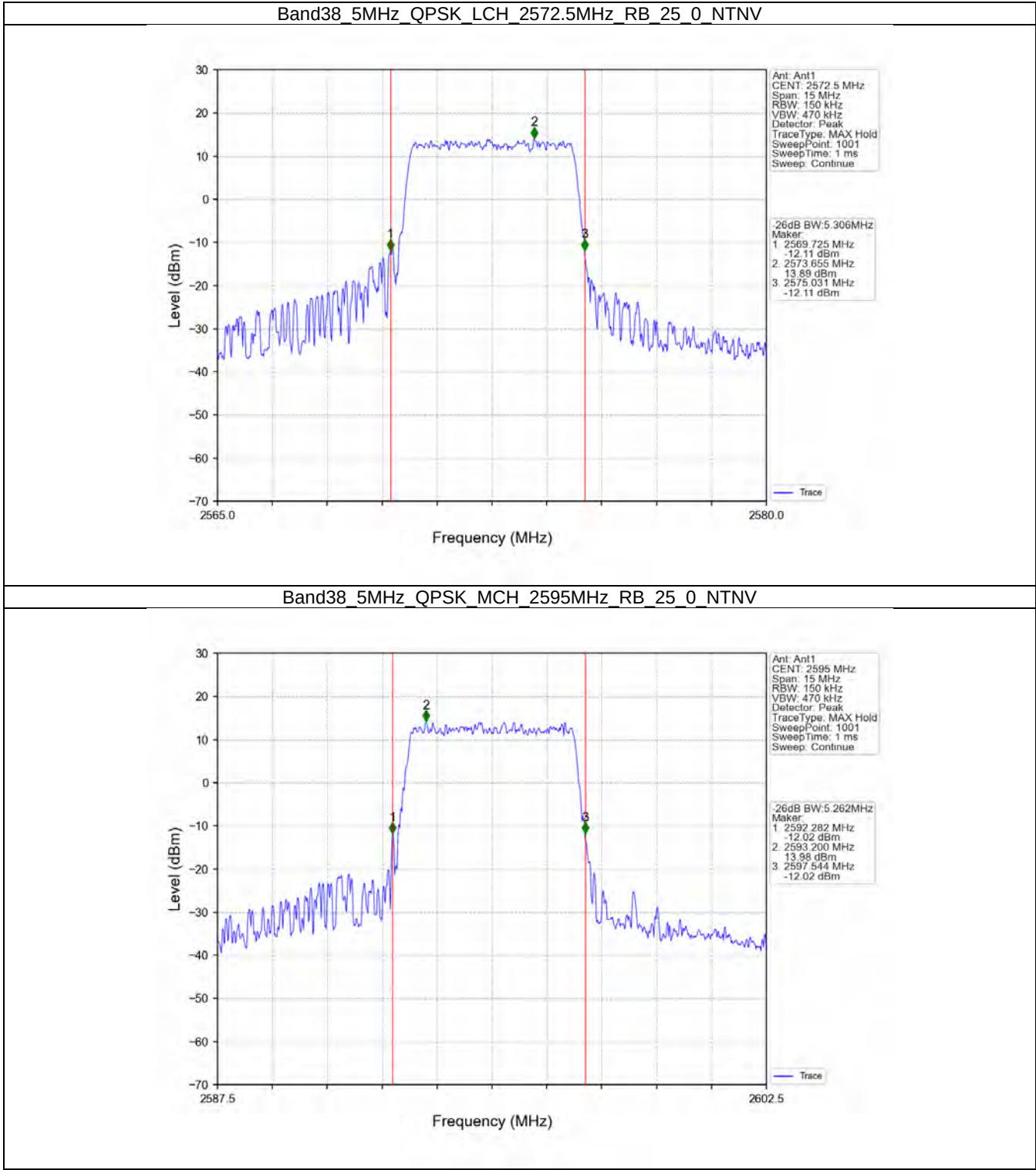


## 8.2 Band38\_XDB

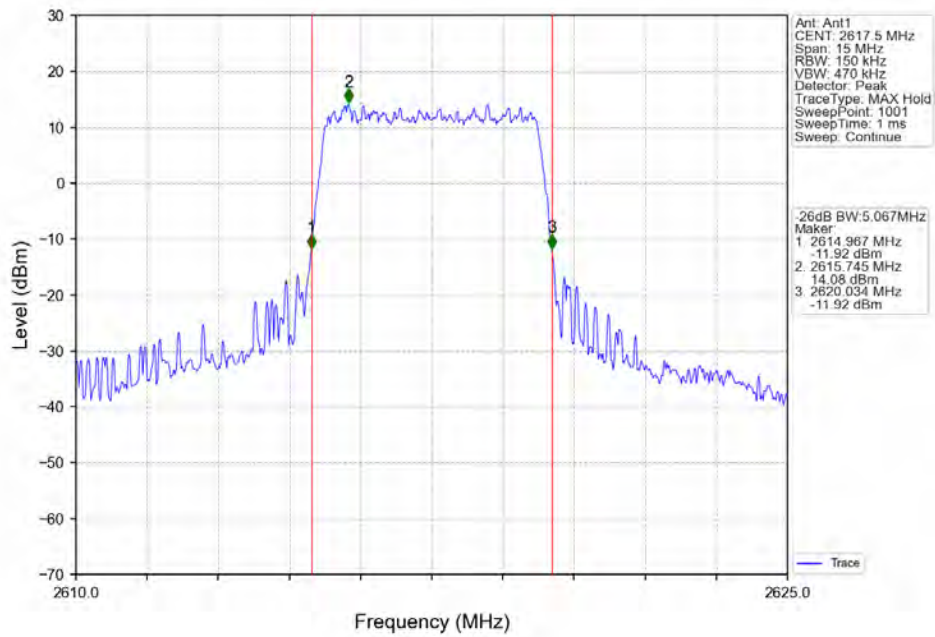
### 8.2.1 Test Result

| Band: 38 / NTNV |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 5               | QPSK       | 2572.5          | 25            | 0      | 5.306                | Pass    |
|                 |            | 2595            | 25            | 0      | 5.262                | Pass    |
|                 |            | 2617.5          | 25            | 0      | 5.067                | Pass    |
|                 | 16QAM      | 2572.5          | 25            | 0      | 5.103                | Pass    |
|                 |            | 2595            | 25            | 0      | 5.027                | Pass    |
|                 |            | 2617.5          | 25            | 0      | 5.040                | Pass    |
| 10              | QPSK       | 2575            | 50            | 0      | 10.003               | Pass    |
|                 |            | 2595            | 50            | 0      | 10.090               | Pass    |
|                 |            | 2615            | 50            | 0      | 9.962                | Pass    |
|                 | 16QAM      | 2575            | 50            | 0      | 9.918                | Pass    |
|                 |            | 2595            | 50            | 0      | 10.001               | Pass    |
|                 |            | 2615            | 50            | 0      | 10.012               | Pass    |
| 15              | QPSK       | 2577.5          | 75            | 0      | 15.438               | Pass    |
|                 |            | 2595            | 75            | 0      | 16.047               | Pass    |
|                 |            | 2612.5          | 75            | 0      | 15.873               | Pass    |
|                 | 16QAM      | 2577.5          | 75            | 0      | 15.478               | Pass    |
|                 |            | 2595            | 75            | 0      | 15.156               | Pass    |
|                 |            | 2612.5          | 75            | 0      | 16.181               | Pass    |
| 20              | QPSK       | 2580            | 100           | 0      | 21.153               | Pass    |
|                 |            | 2595            | 100           | 0      | 20.240               | Pass    |
|                 |            | 2610            | 100           | 0      | 20.000               | Pass    |
|                 | 16QAM      | 2580            | 100           | 0      | 20.349               | Pass    |
|                 |            | 2595            | 100           | 0      | 20.465               | Pass    |
|                 |            | 2610            | 100           | 0      | 20.281               | Pass    |

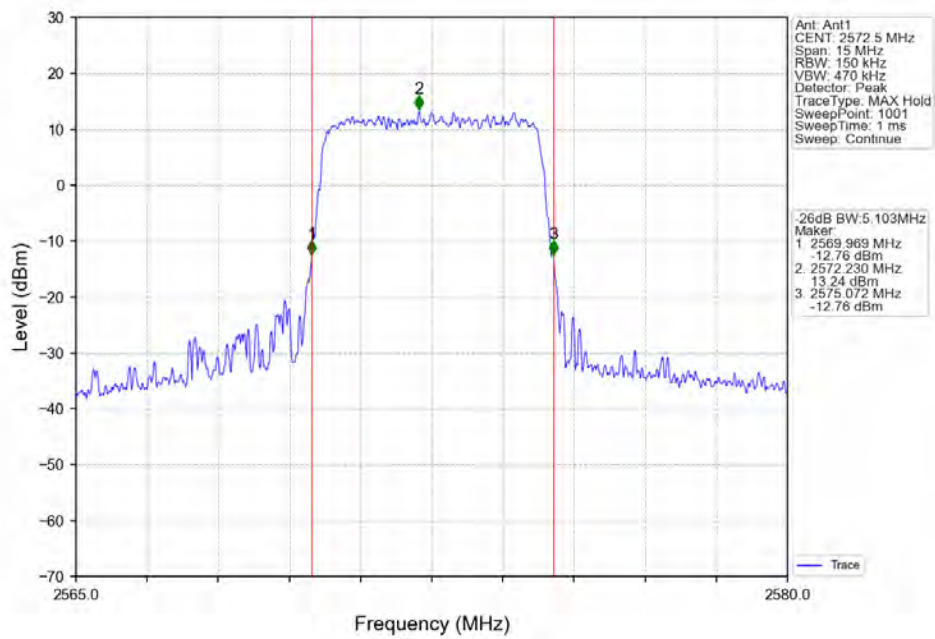
8.2.2 Test Graph



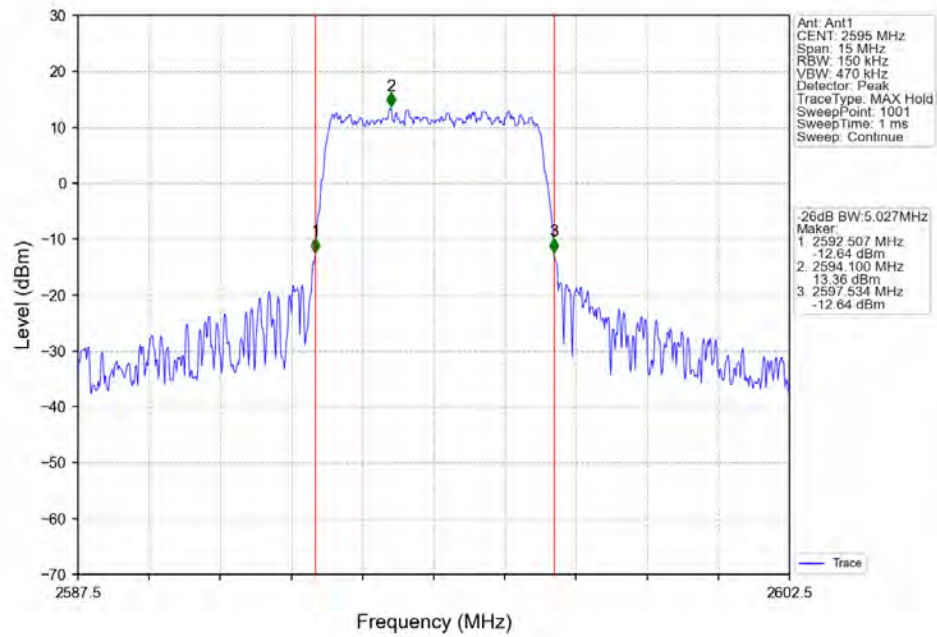
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



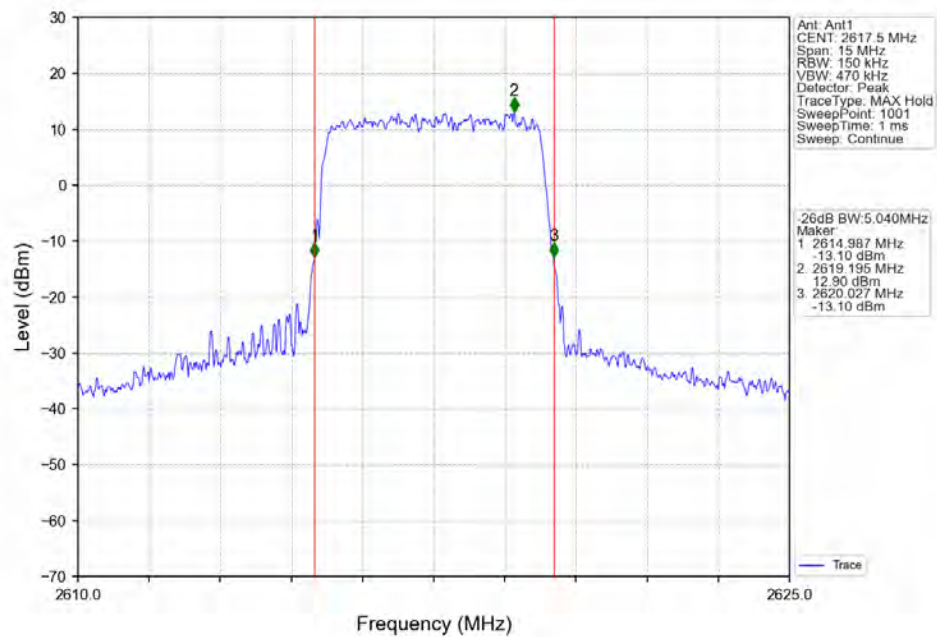
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV

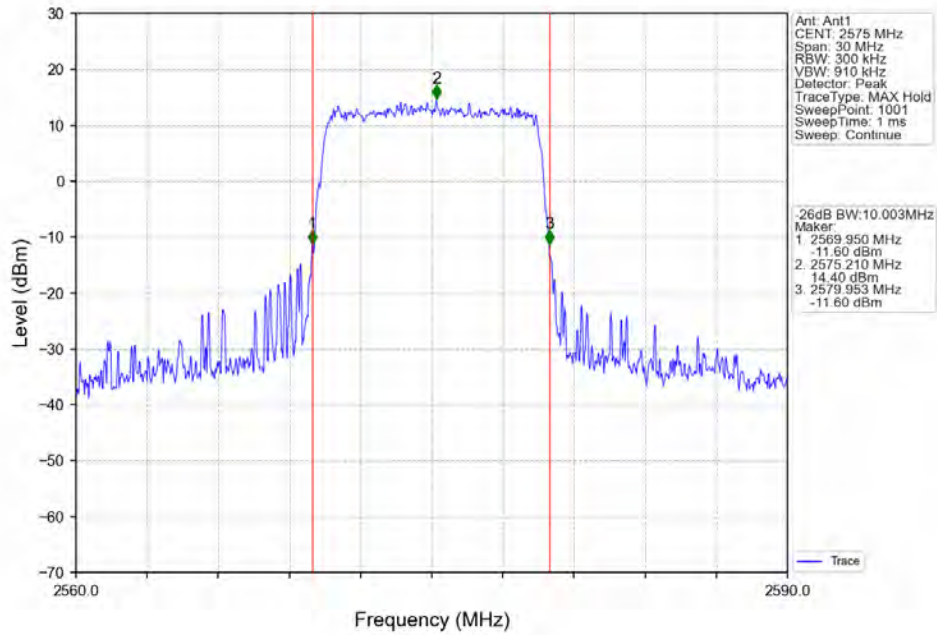


Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV

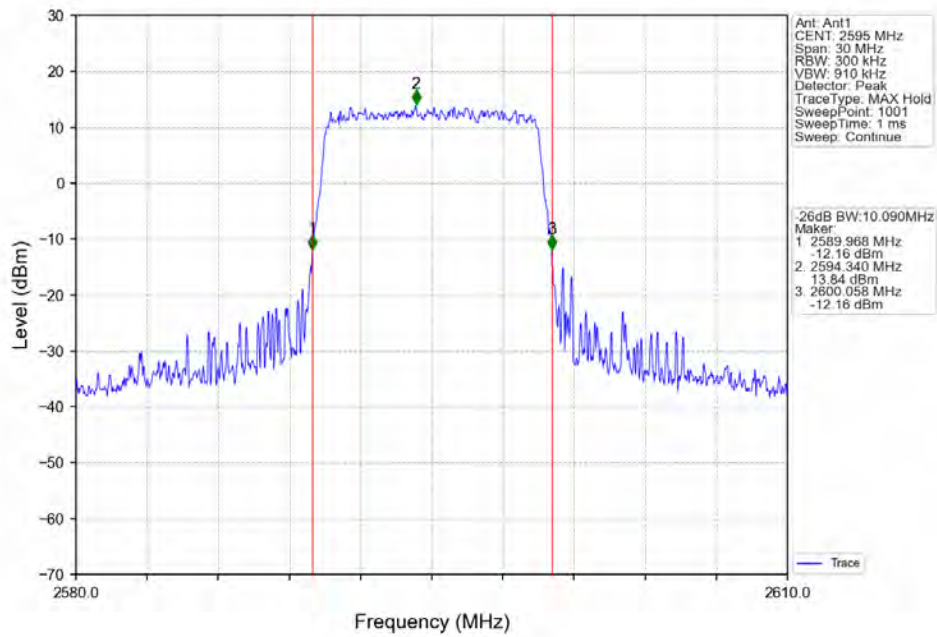




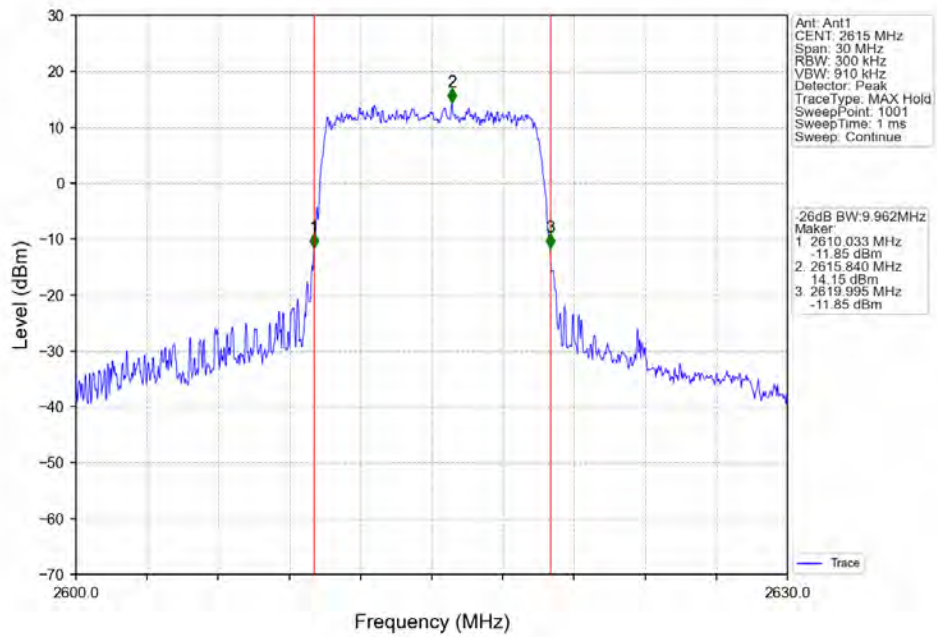
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTN



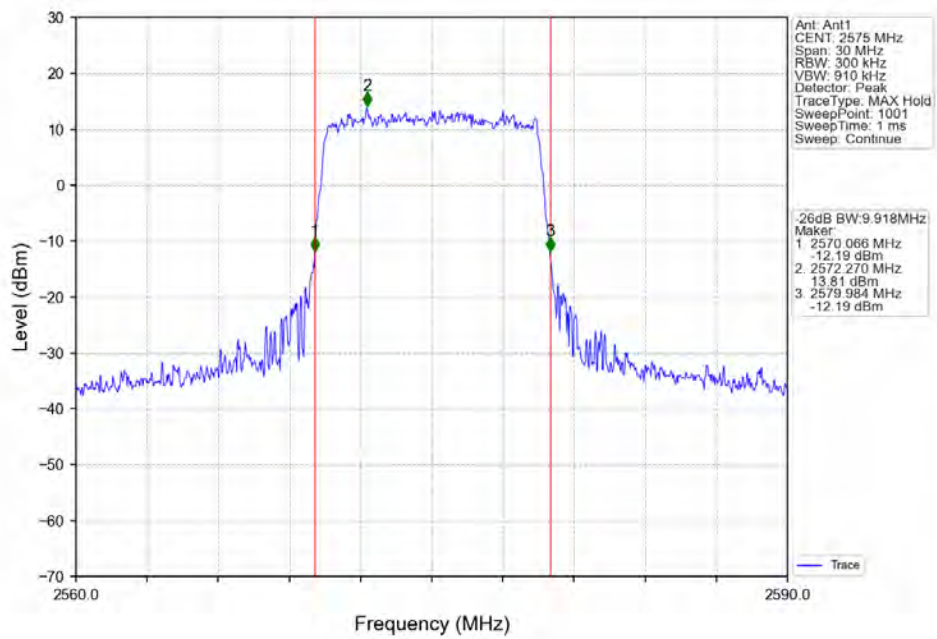
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTN



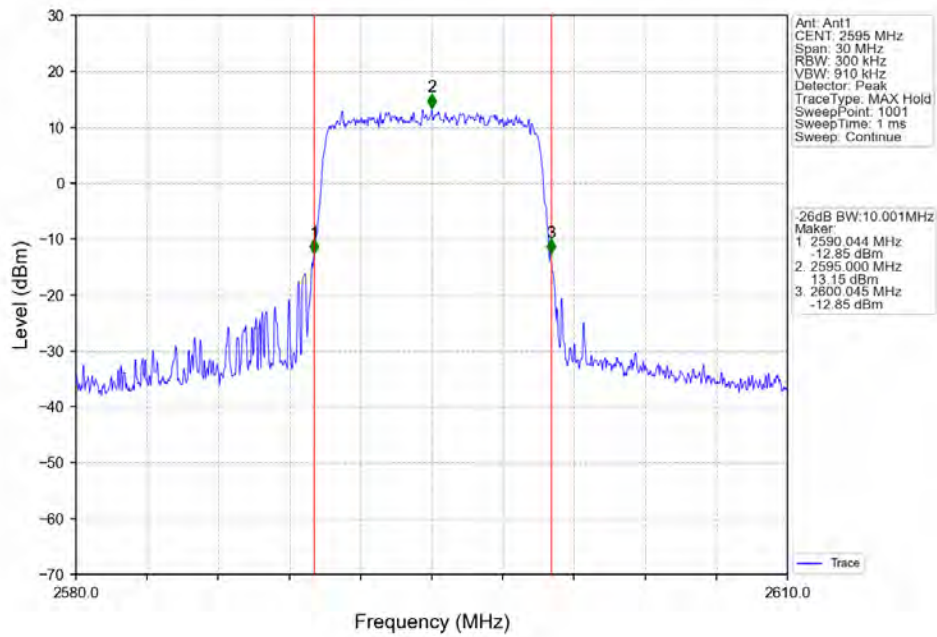
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



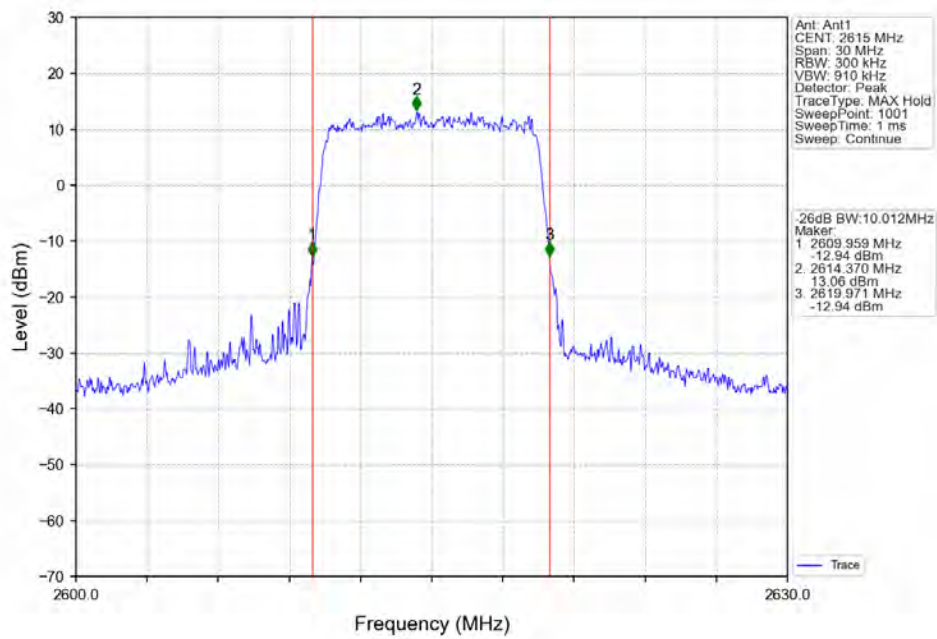
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTNV



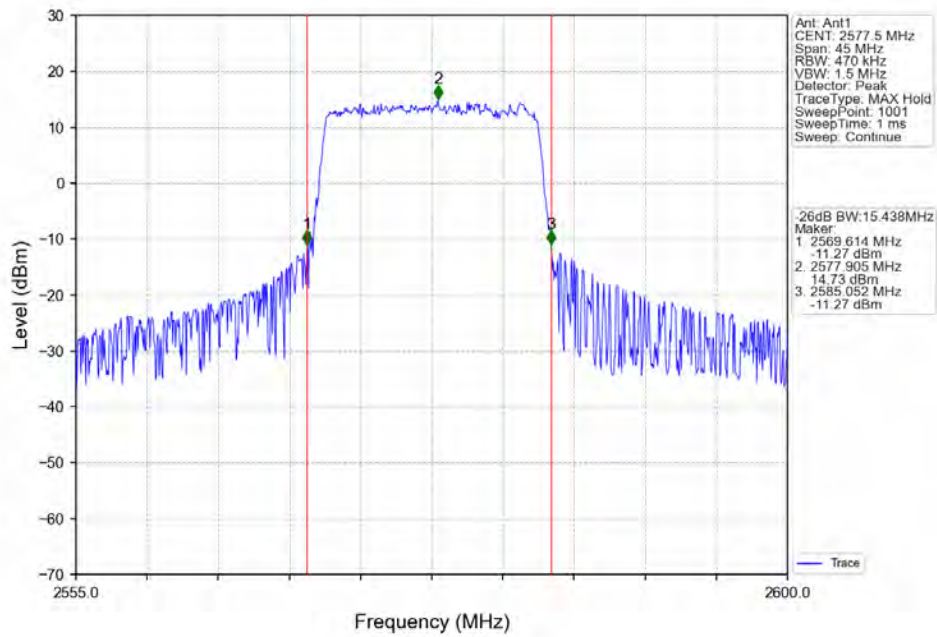
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTN



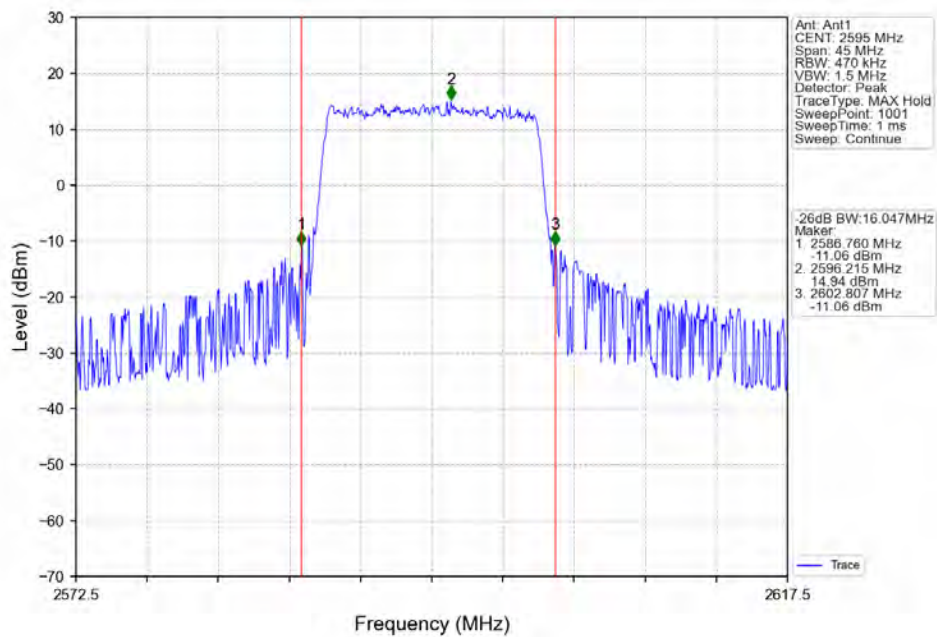
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTN



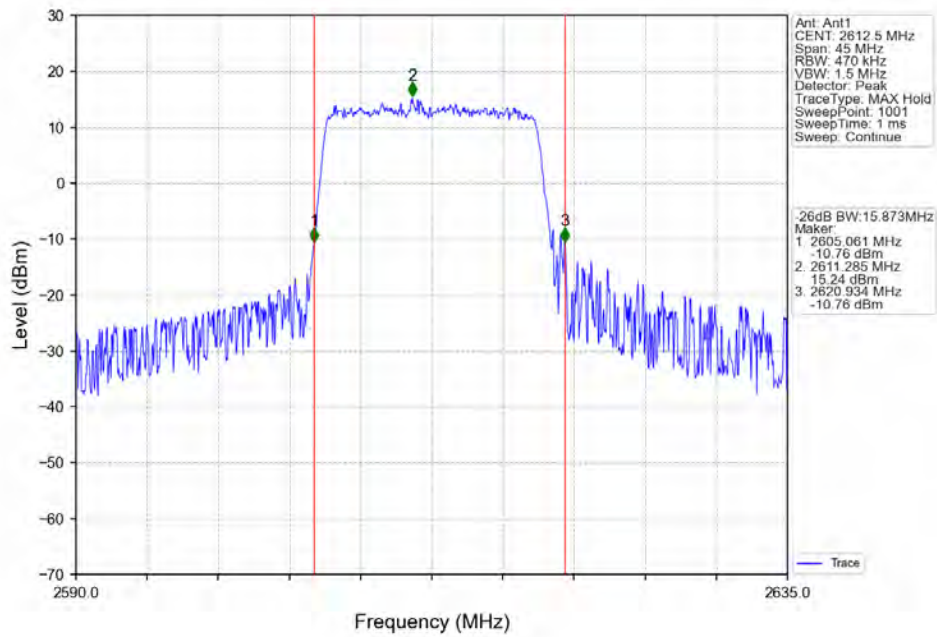
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



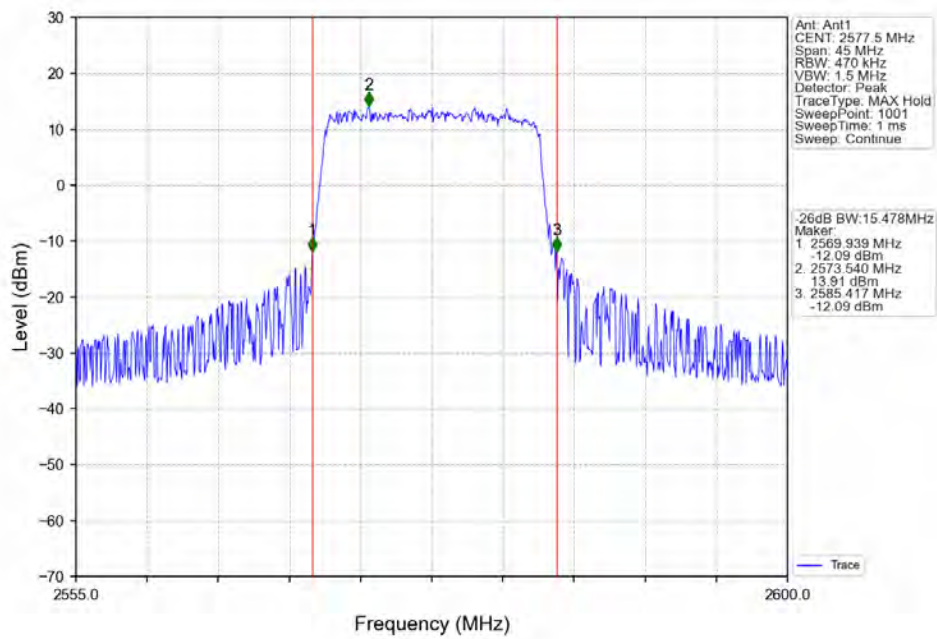
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN

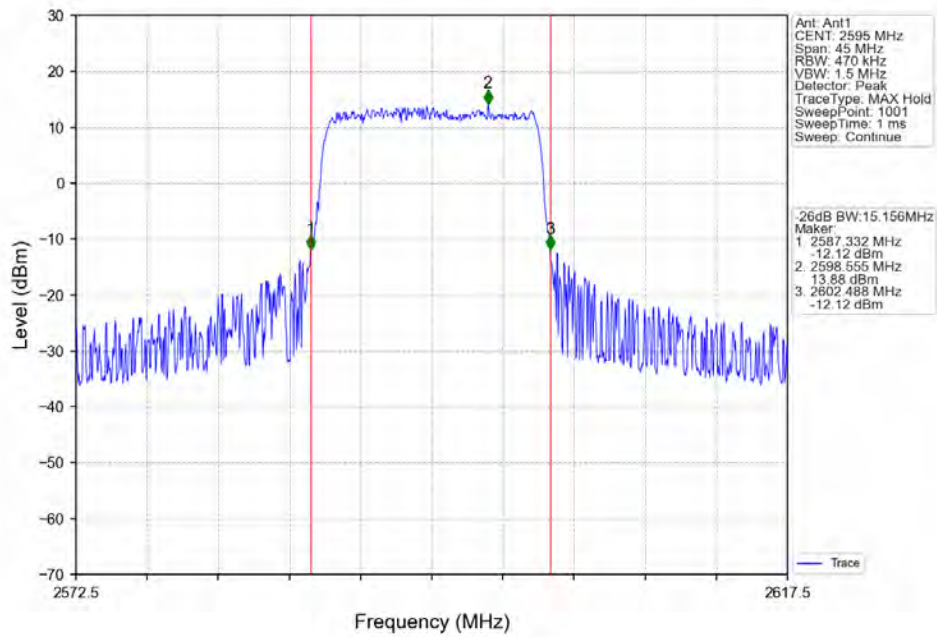


Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN

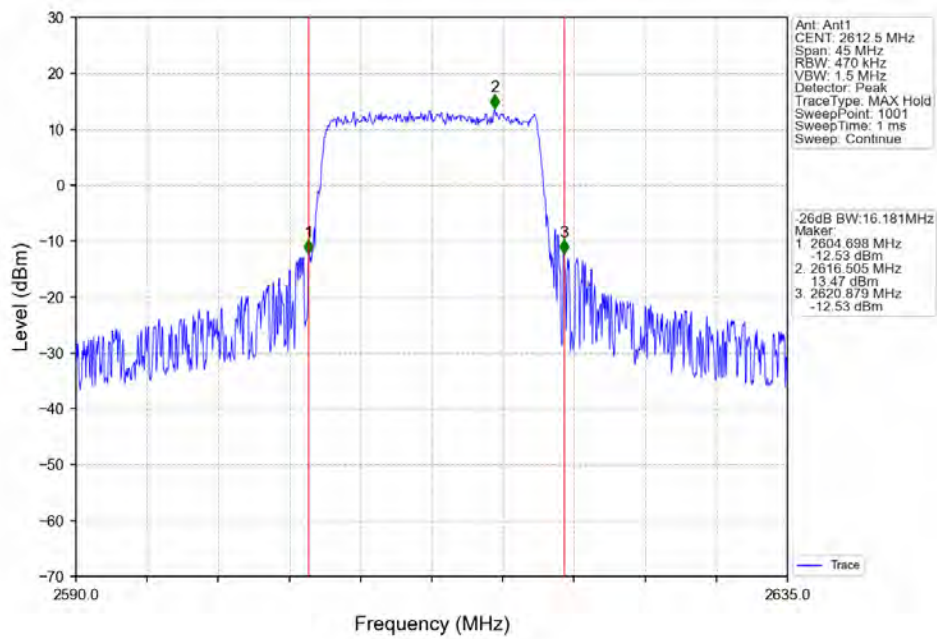




Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTNV

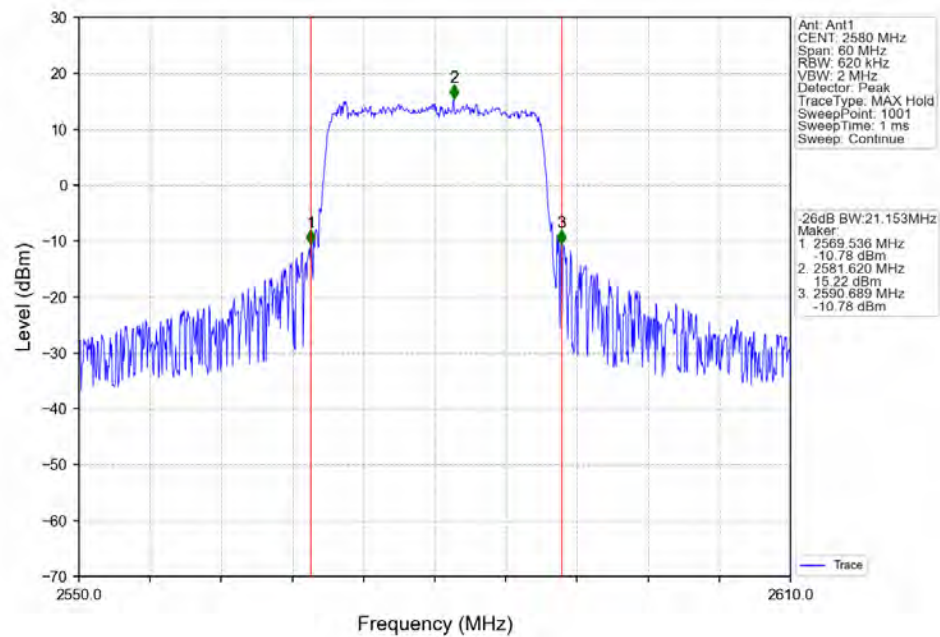


Band38 15MHz 16QAM HCH 2612.5MHz RB 75 0 NTNV

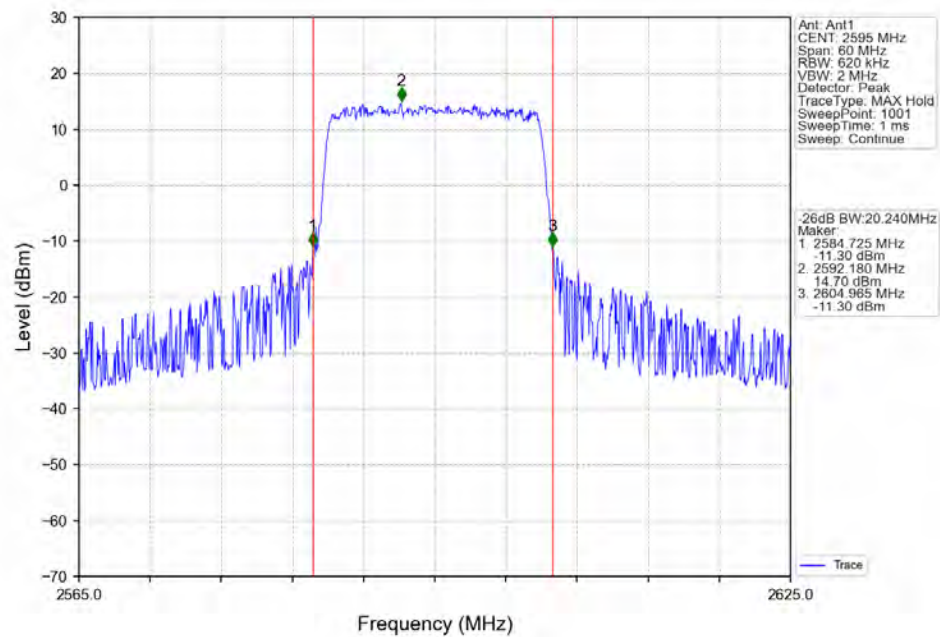




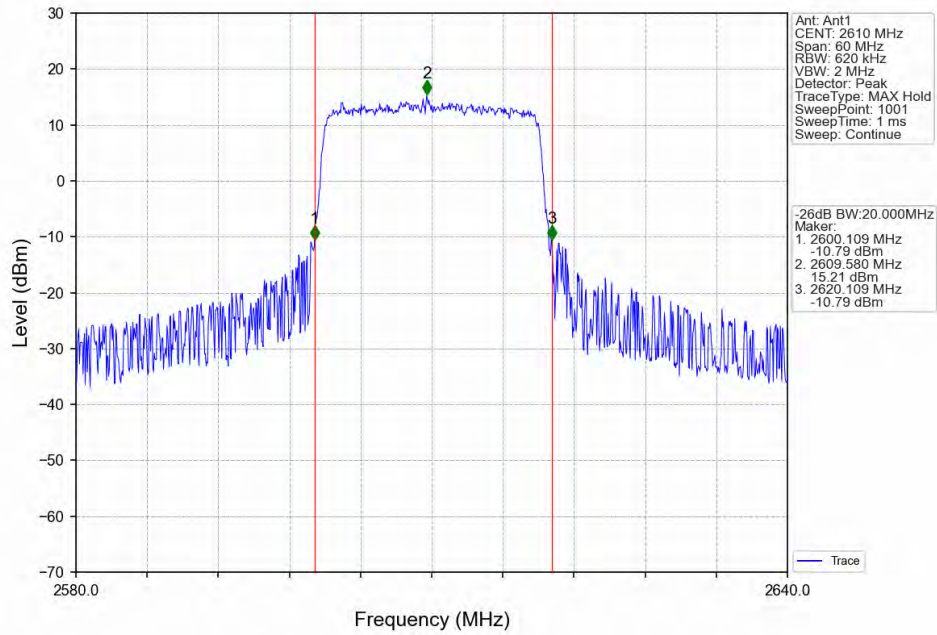
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



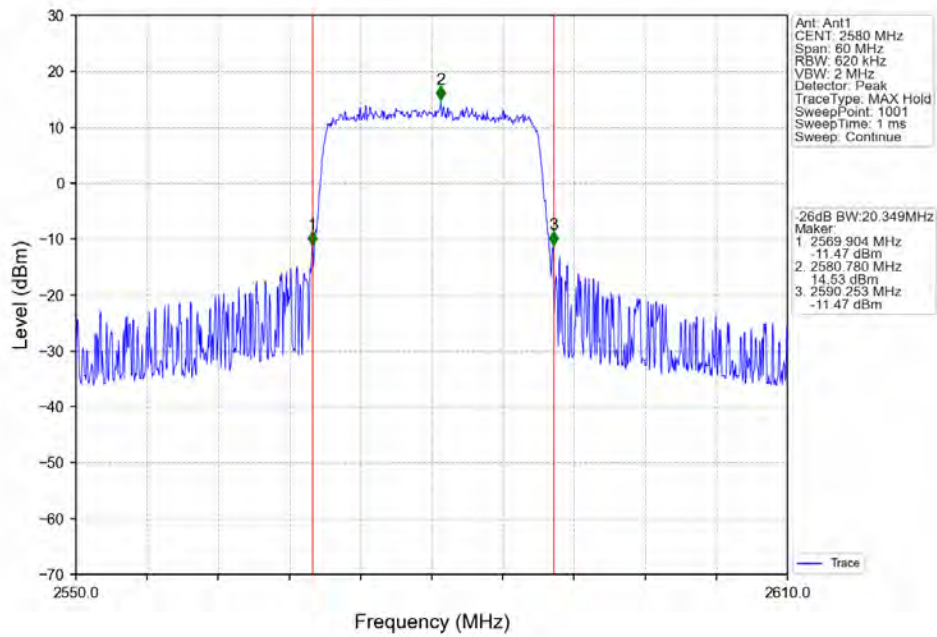
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



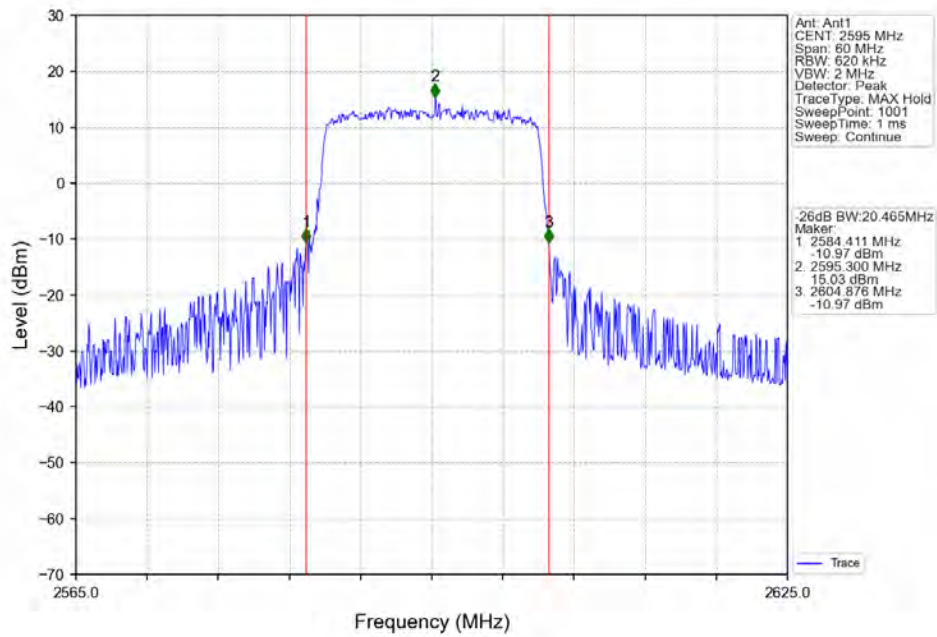
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



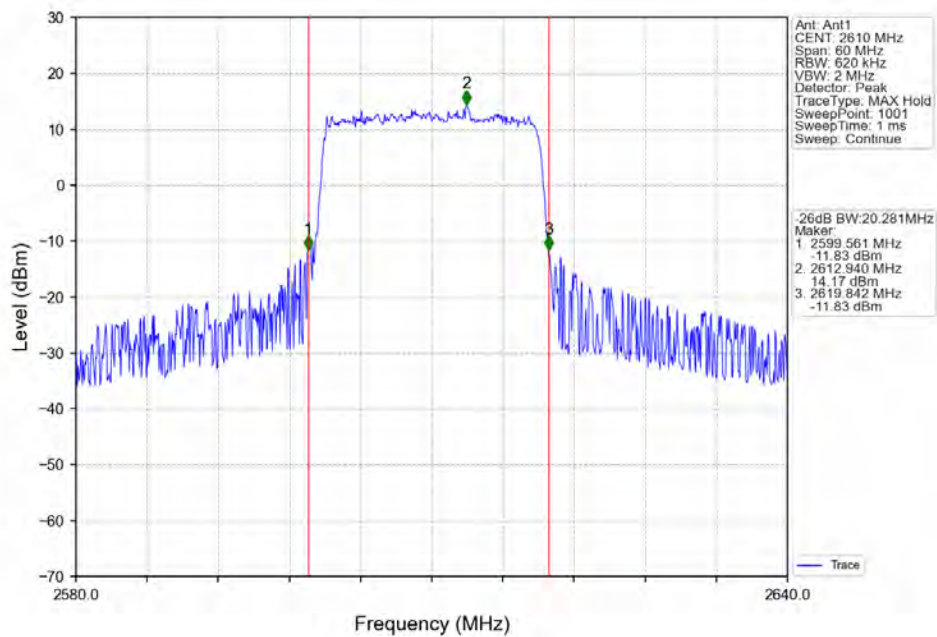
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV



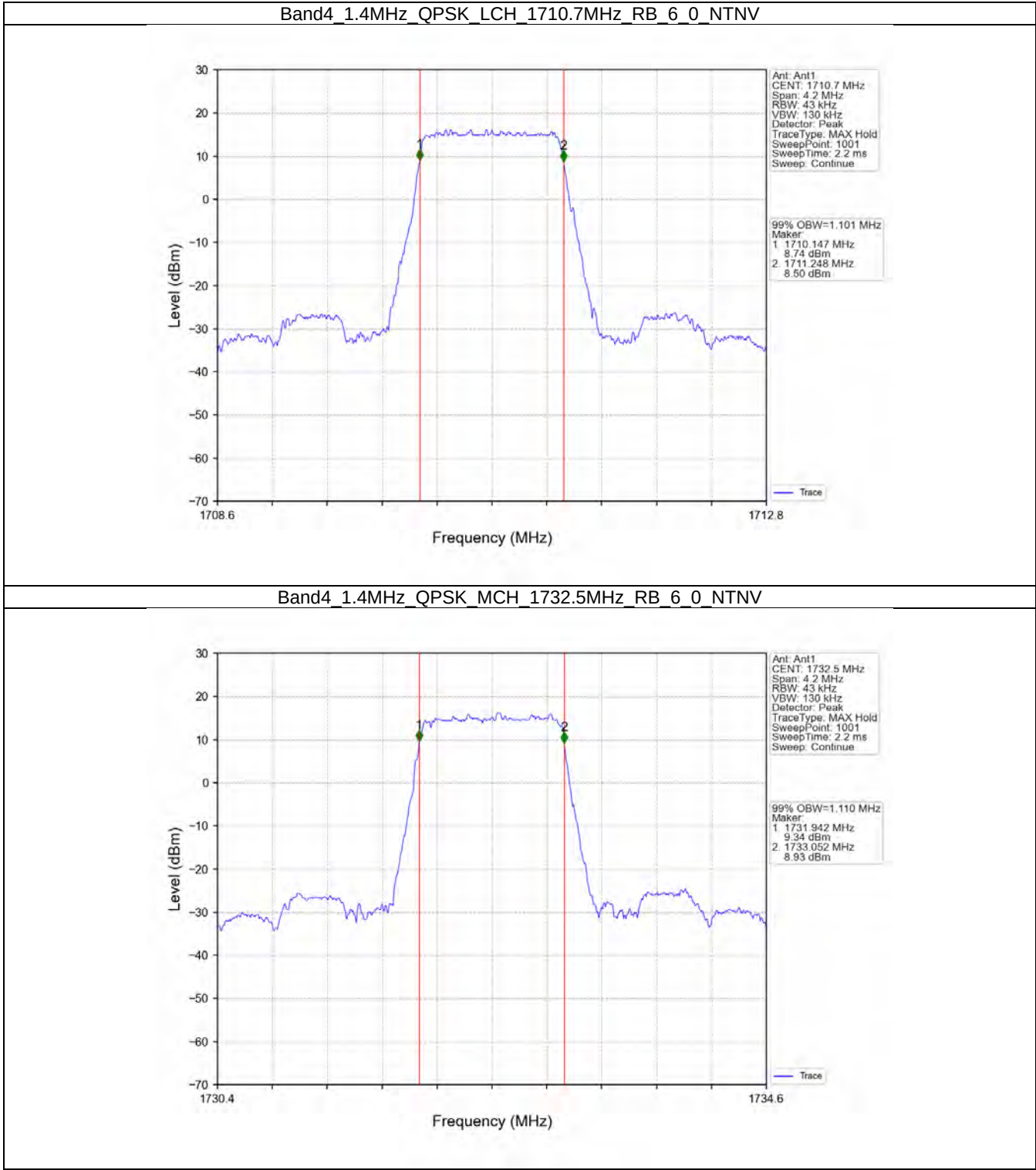
## 9. 99% & 26dB Bandwidth

### 9.1 Band4\_OBW

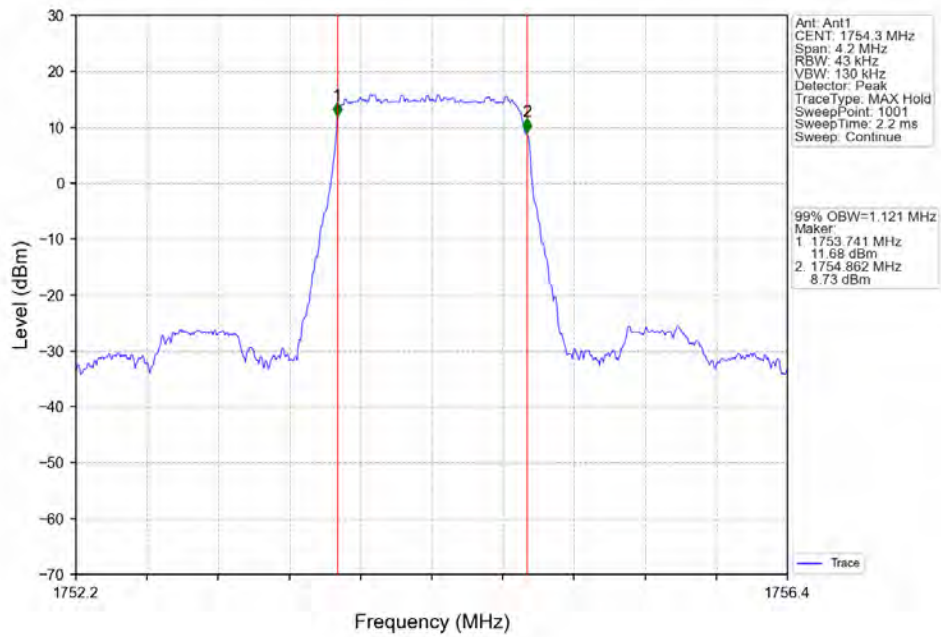
#### 9.1.1 Test Result

| Band: 4 / NTNV  |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 1.4             | QPSK       | 1710.7          | 6             | 0      | 1.101                        | Pass    |
|                 |            | 1732.5          | 6             | 0      | 1.110                        | Pass    |
|                 |            | 1754.3          | 6             | 0      | 1.121                        | Pass    |
|                 | 16QAM      | 1710.7          | 6             | 0      | 1.103                        | Pass    |
|                 |            | 1732.5          | 6             | 0      | 1.113                        | Pass    |
|                 |            | 1754.3          | 6             | 0      | 1.115                        | Pass    |
| 3               | QPSK       | 1711.5          | 15            | 0      | 2.736                        | Pass    |
|                 |            | 1732.5          | 15            | 0      | 2.744                        | Pass    |
|                 |            | 1753.5          | 15            | 0      | 2.748                        | Pass    |
|                 | 16QAM      | 1711.5          | 15            | 0      | 2.733                        | Pass    |
|                 |            | 1732.5          | 15            | 0      | 2.730                        | Pass    |
|                 |            | 1753.5          | 15            | 0      | 2.741                        | Pass    |
| 5               | QPSK       | 1712.5          | 25            | 0      | 4.558                        | Pass    |
|                 |            | 1732.5          | 25            | 0      | 4.541                        | Pass    |
|                 |            | 1752.5          | 25            | 0      | 4.560                        | Pass    |
|                 | 16QAM      | 1712.5          | 25            | 0      | 4.535                        | Pass    |
|                 |            | 1732.5          | 25            | 0      | 4.567                        | Pass    |
|                 |            | 1752.5          | 25            | 0      | 4.563                        | Pass    |
| 10              | QPSK       | 1715            | 50            | 0      | 9.049                        | Pass    |
|                 |            | 1732.5          | 50            | 0      | 9.027                        | Pass    |
|                 |            | 1750            | 50            | 0      | 9.048                        | Pass    |
|                 | 16QAM      | 1715            | 50            | 0      | 9.035                        | Pass    |
|                 |            | 1732.5          | 50            | 0      | 9.018                        | Pass    |
|                 |            | 1750            | 50            | 0      | 9.031                        | Pass    |
| 15              | QPSK       | 1717.5          | 75            | 0      | 13.575                       | Pass    |
|                 |            | 1732.5          | 75            | 0      | 13.506                       | Pass    |
|                 |            | 1747.5          | 75            | 0      | 13.492                       | Pass    |
|                 | 16QAM      | 1717.5          | 75            | 0      | 13.561                       | Pass    |
|                 |            | 1732.5          | 75            | 0      | 13.545                       | Pass    |
|                 |            | 1747.5          | 75            | 0      | 13.527                       | Pass    |
| 20              | QPSK       | 1720            | 100           | 0      | 18.120                       | Pass    |
|                 |            | 1732.5          | 100           | 0      | 18.068                       | Pass    |
|                 |            | 1745            | 100           | 0      | 17.957                       | Pass    |
|                 | 16QAM      | 1720            | 100           | 0      | 18.172                       | Pass    |
|                 |            | 1732.5          | 100           | 0      | 18.016                       | Pass    |
|                 |            | 1745            | 100           | 0      | 17.951                       | Pass    |

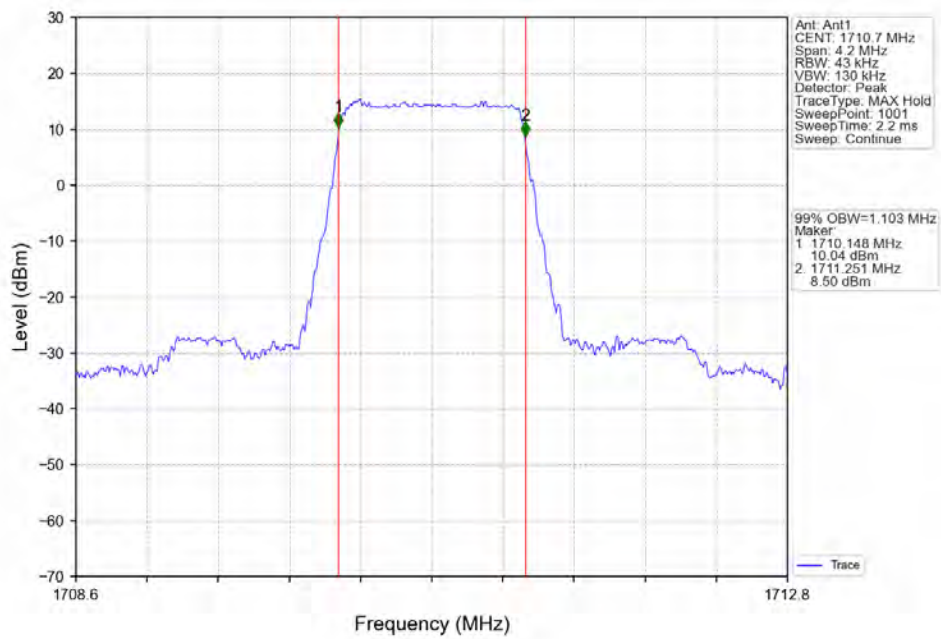
9.1.2 Test Graph



Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

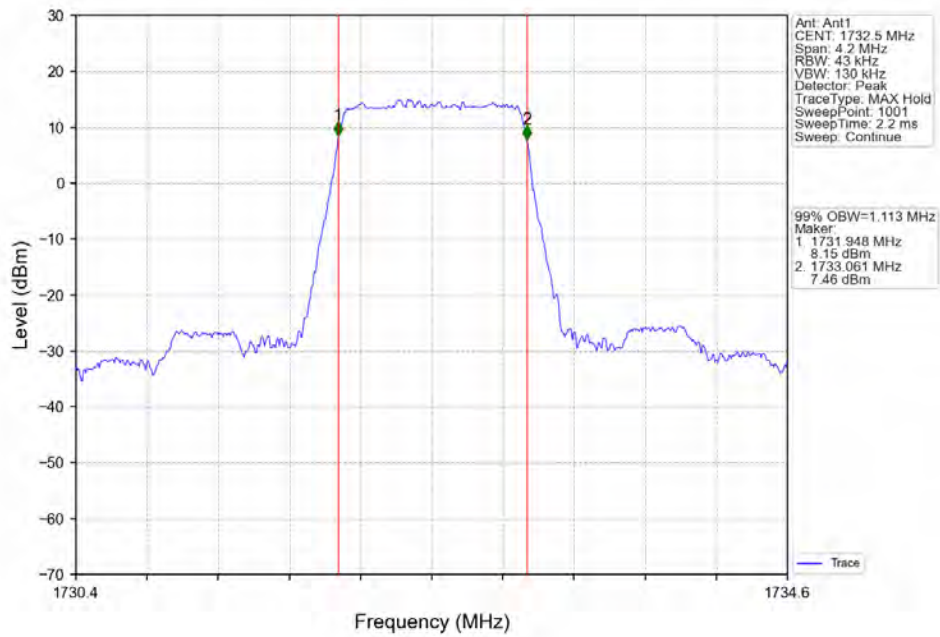


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

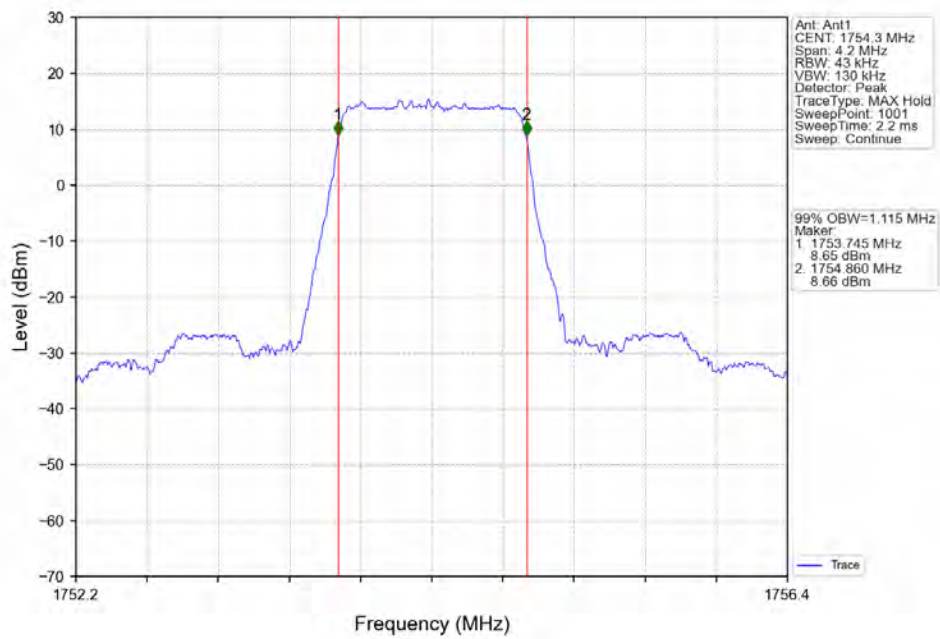




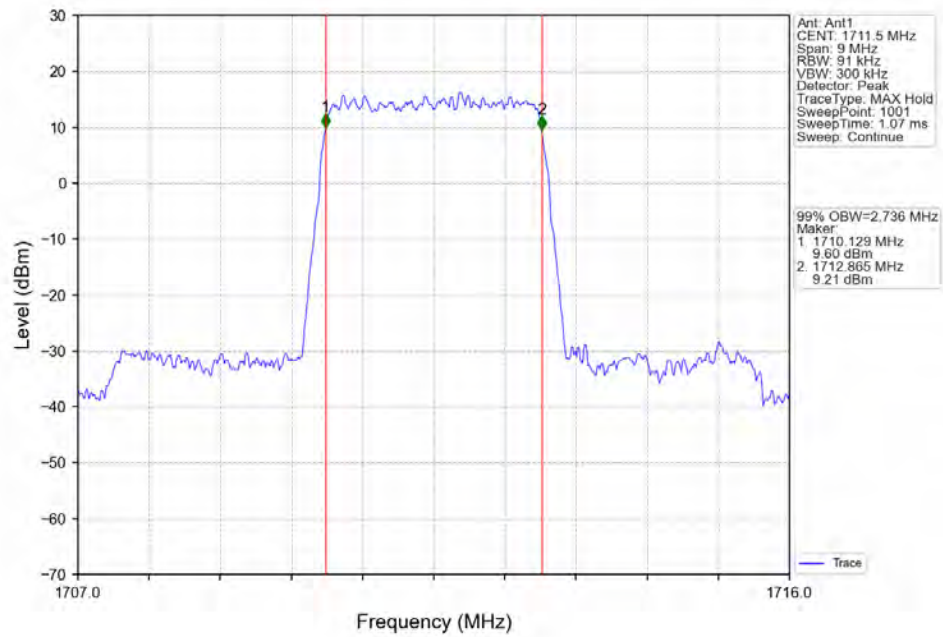
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



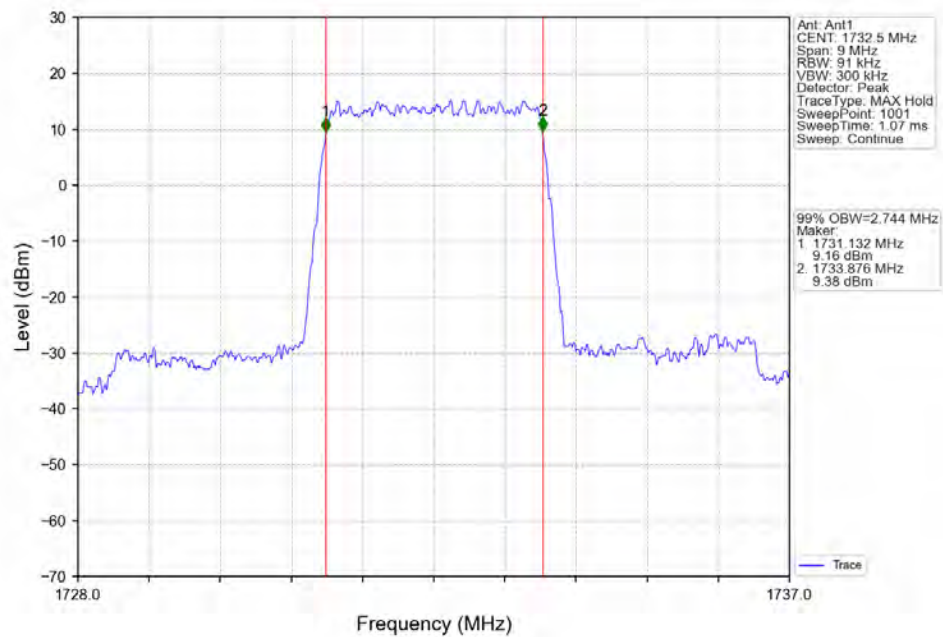
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



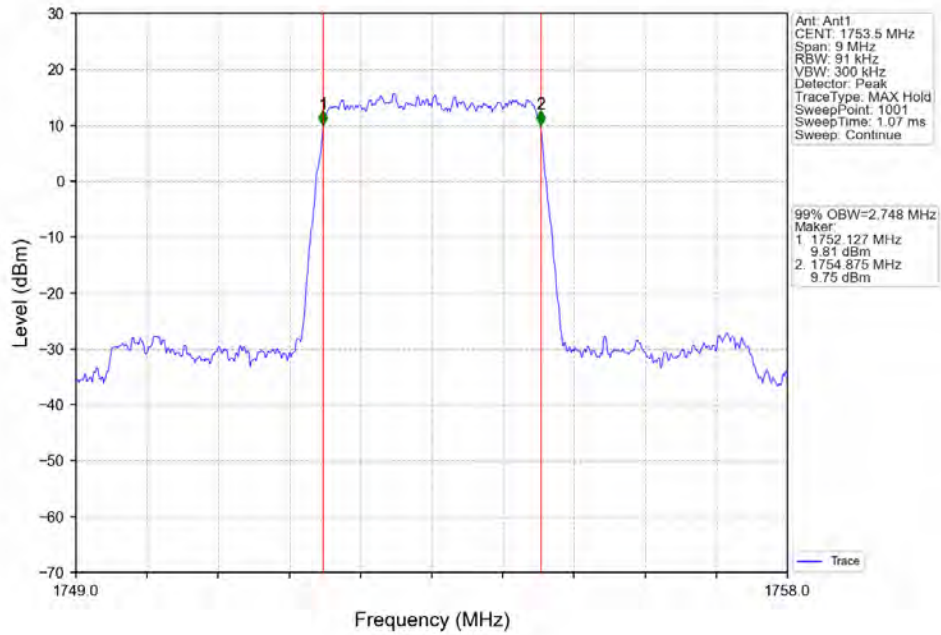
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



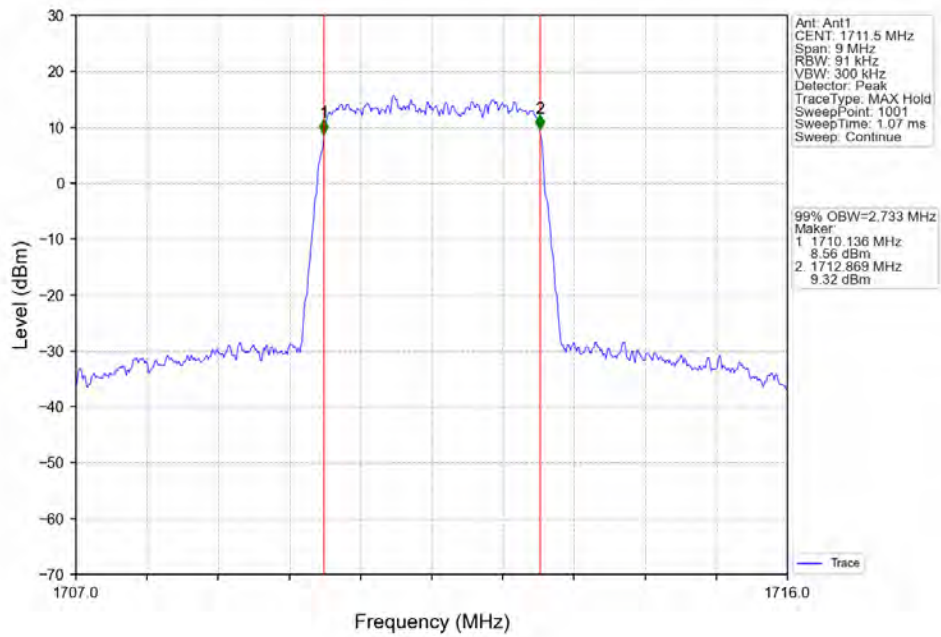
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



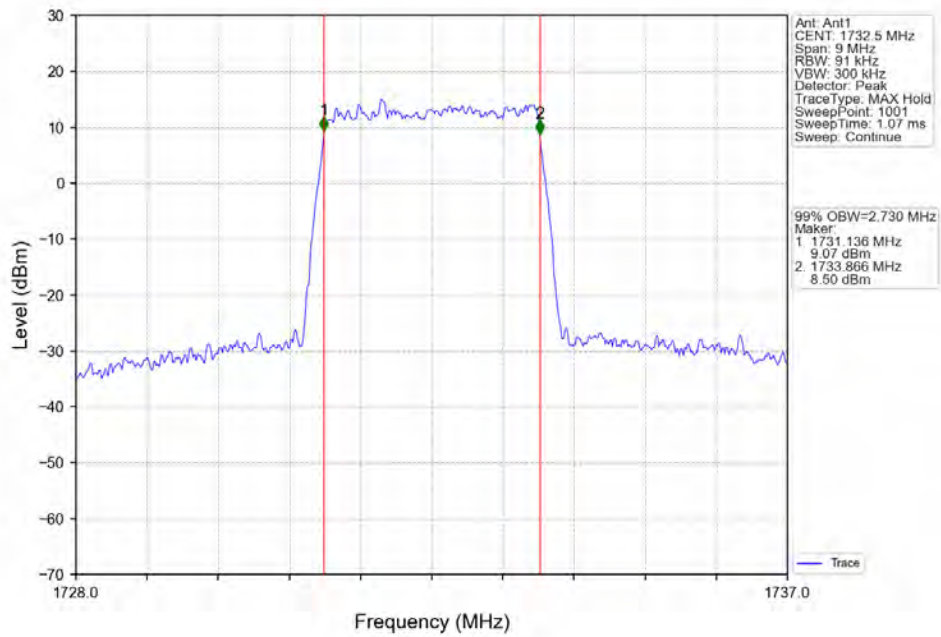
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



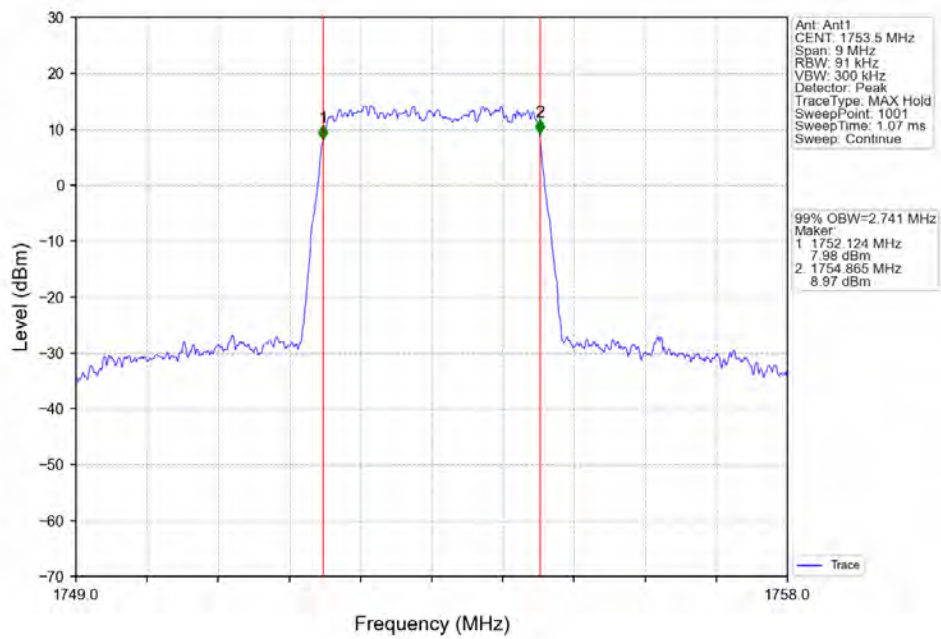
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



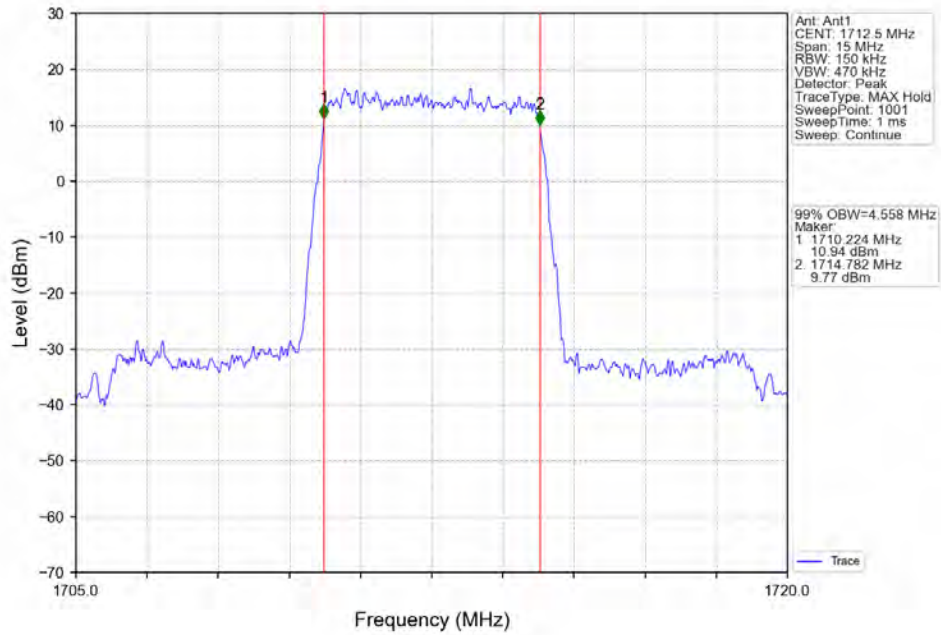
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



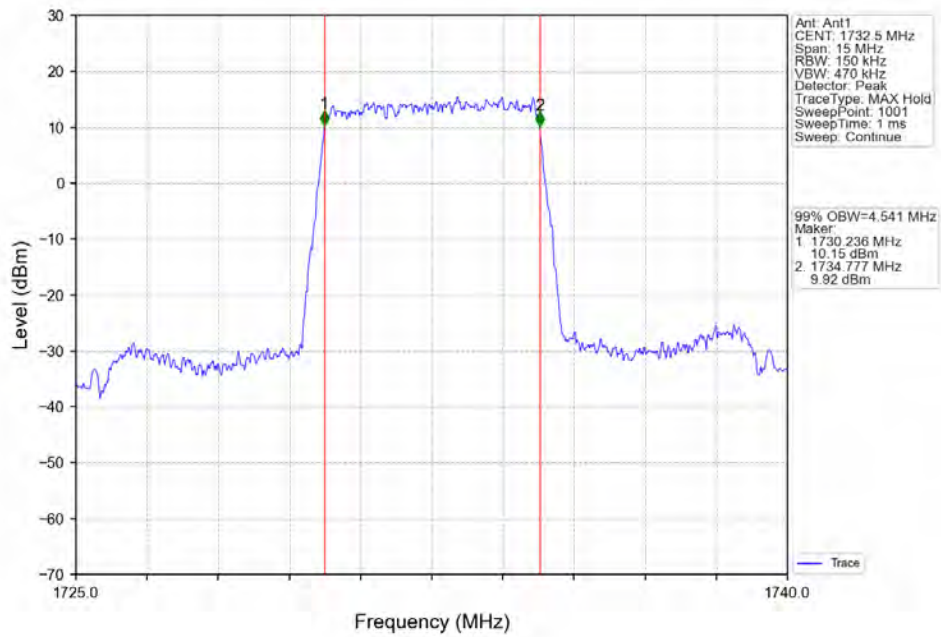
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

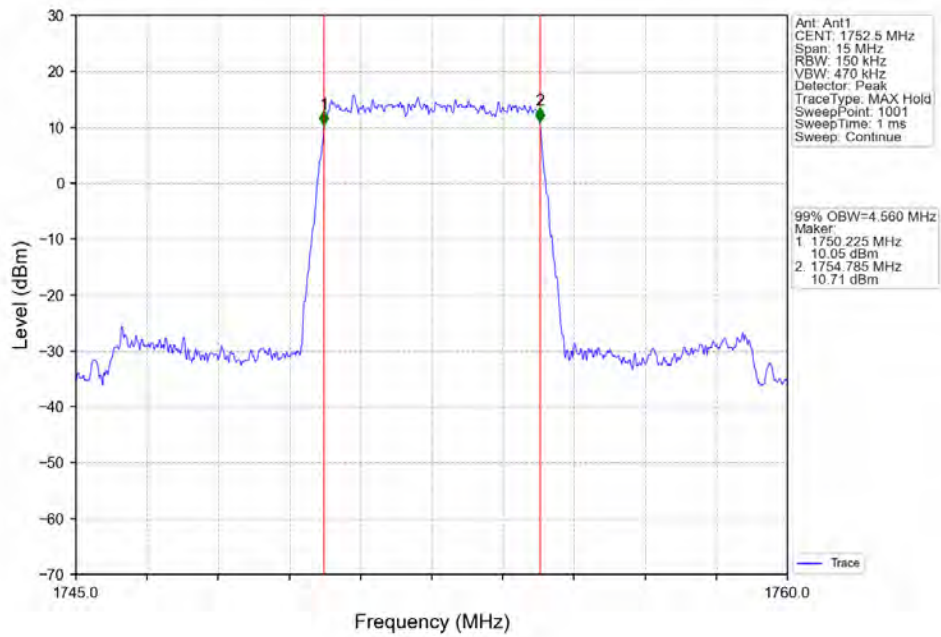


Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV

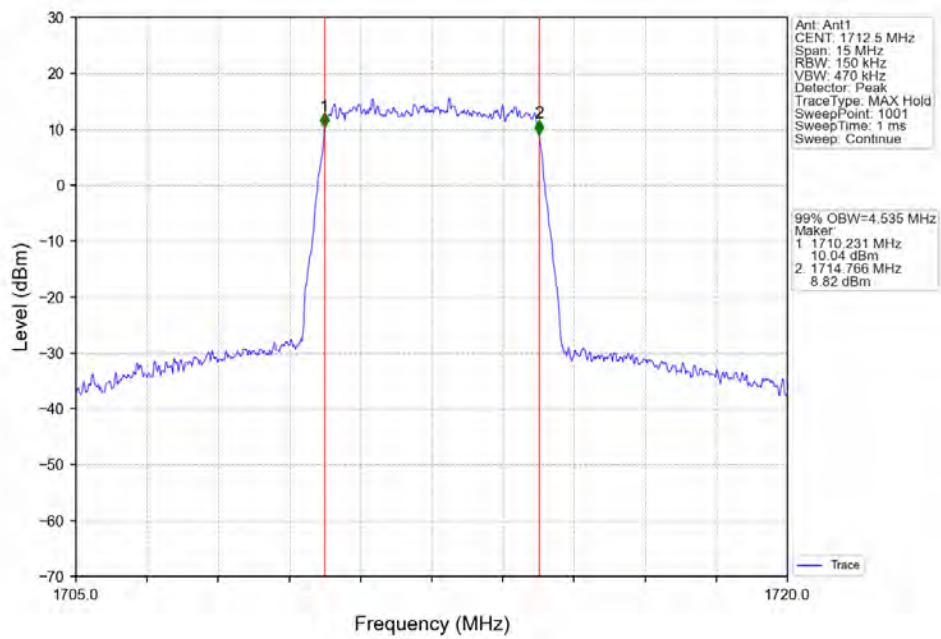




Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

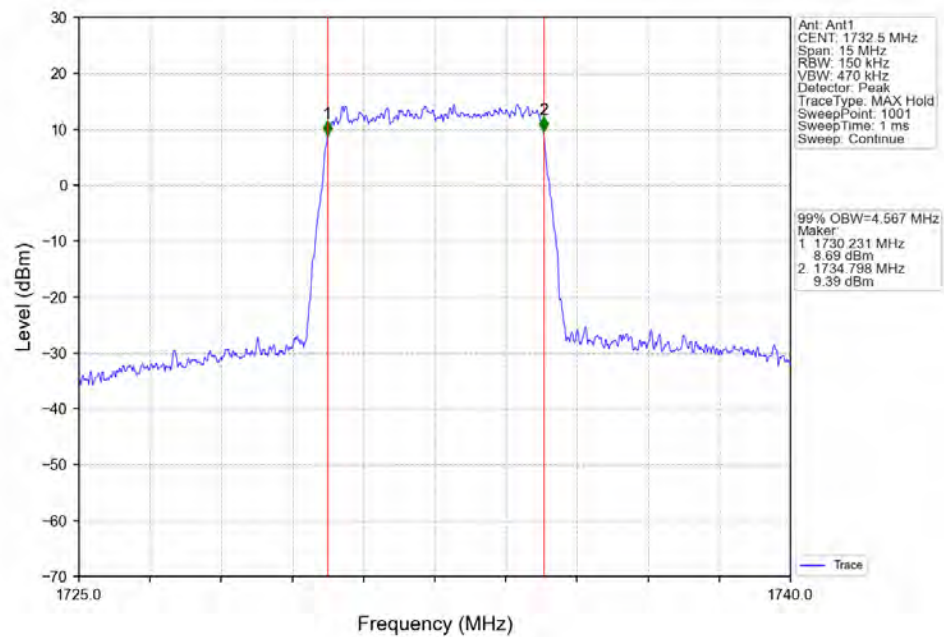


Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV

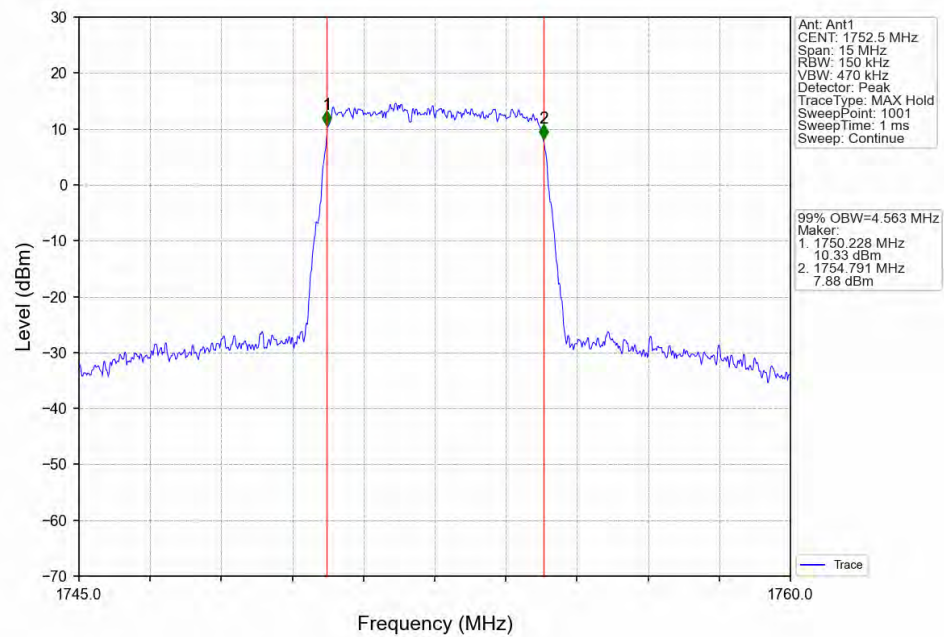




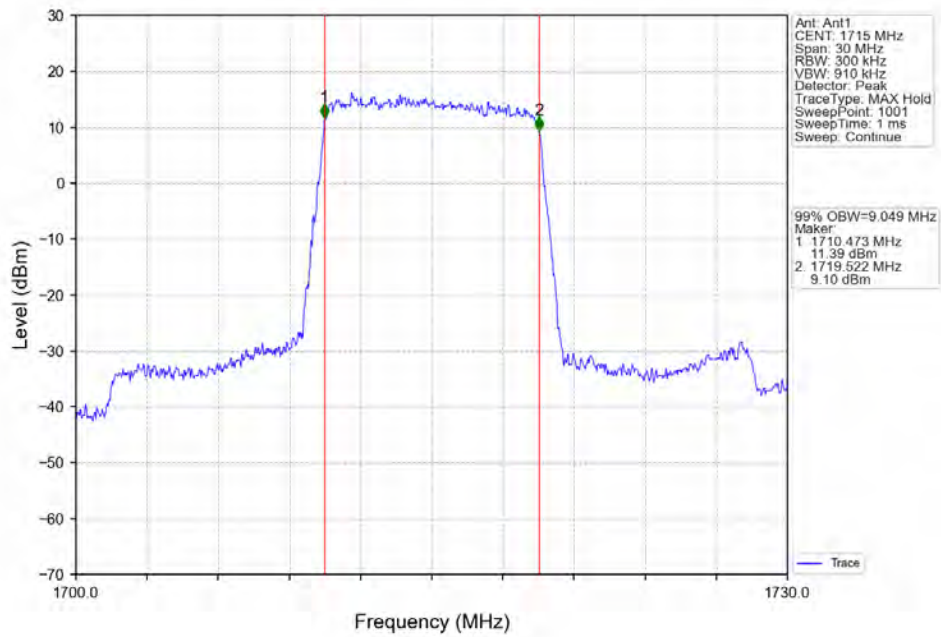
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



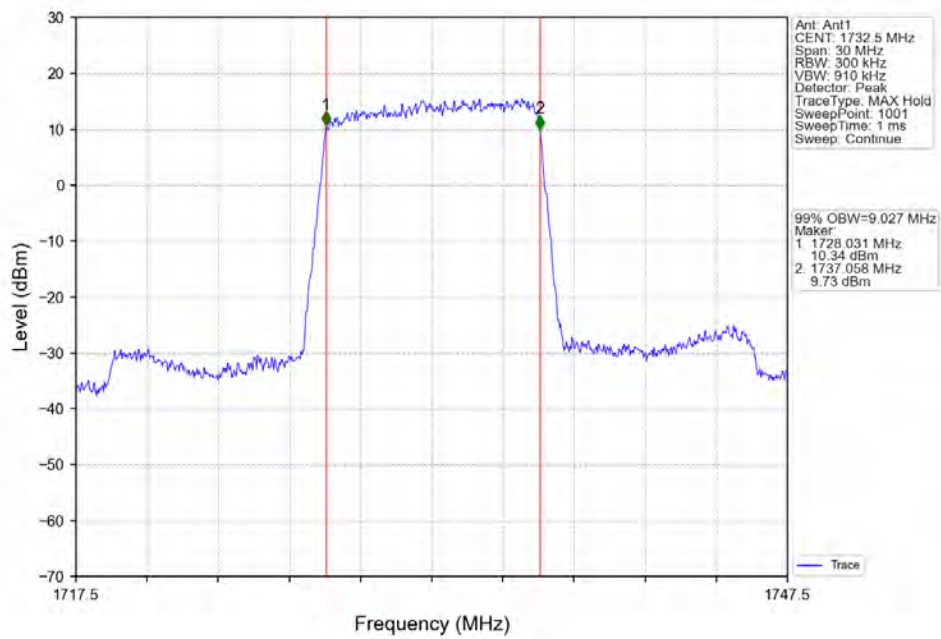
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



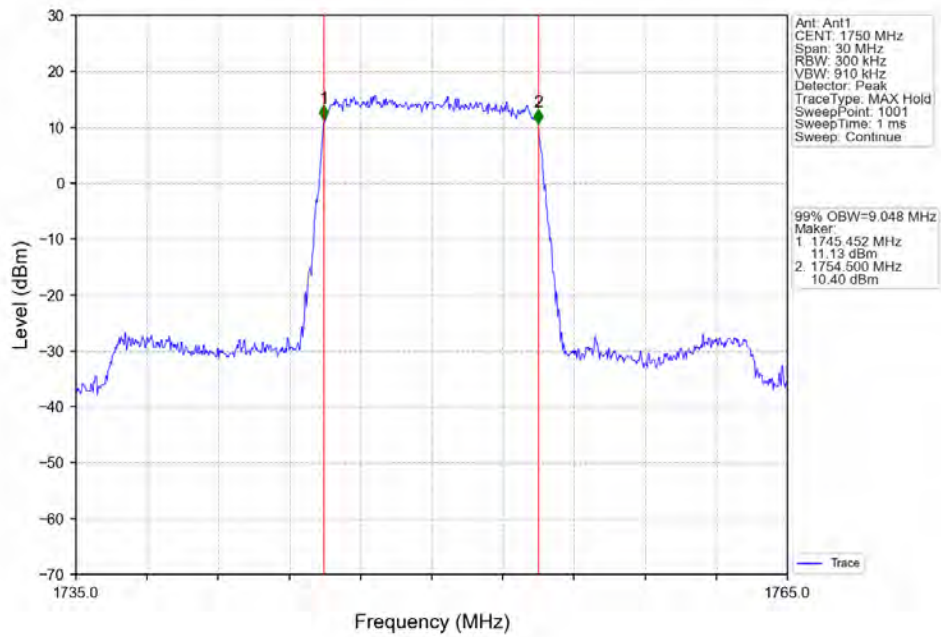
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



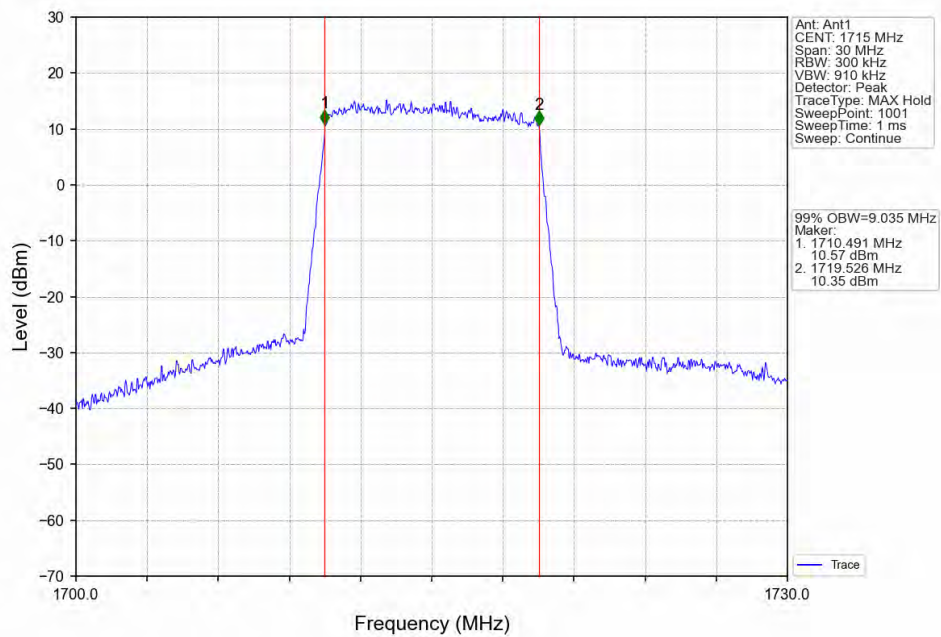
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



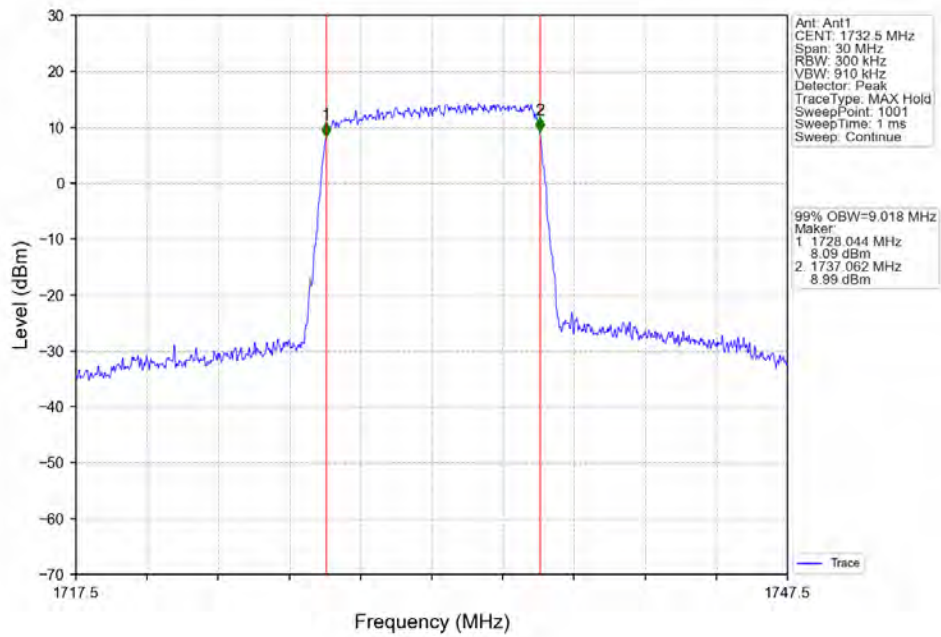
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



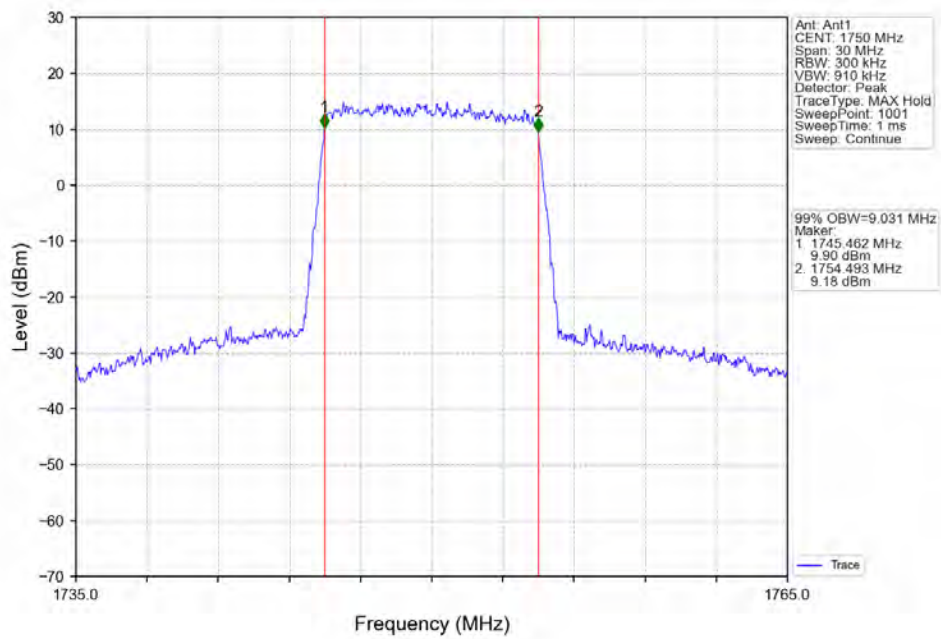
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



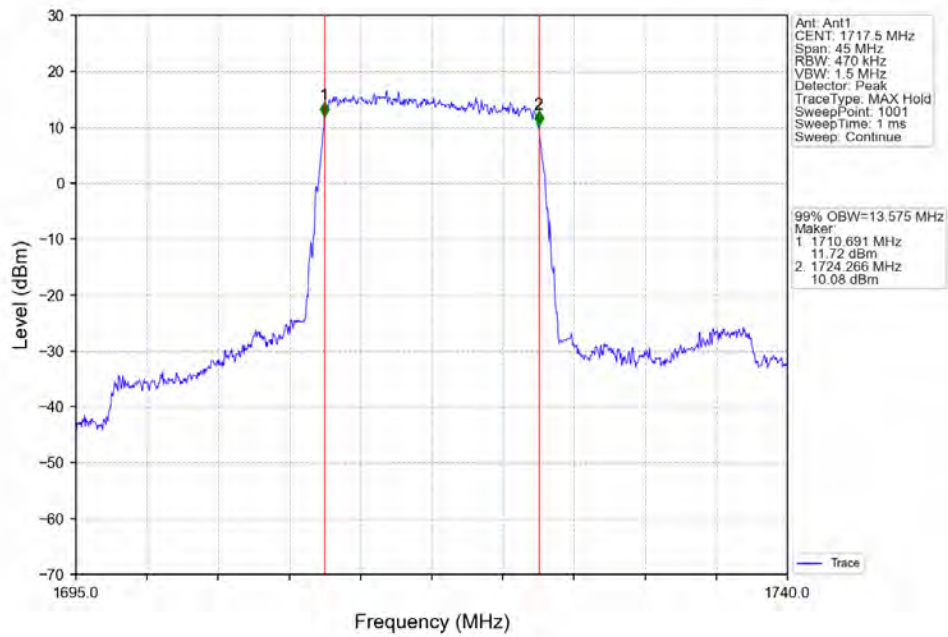
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



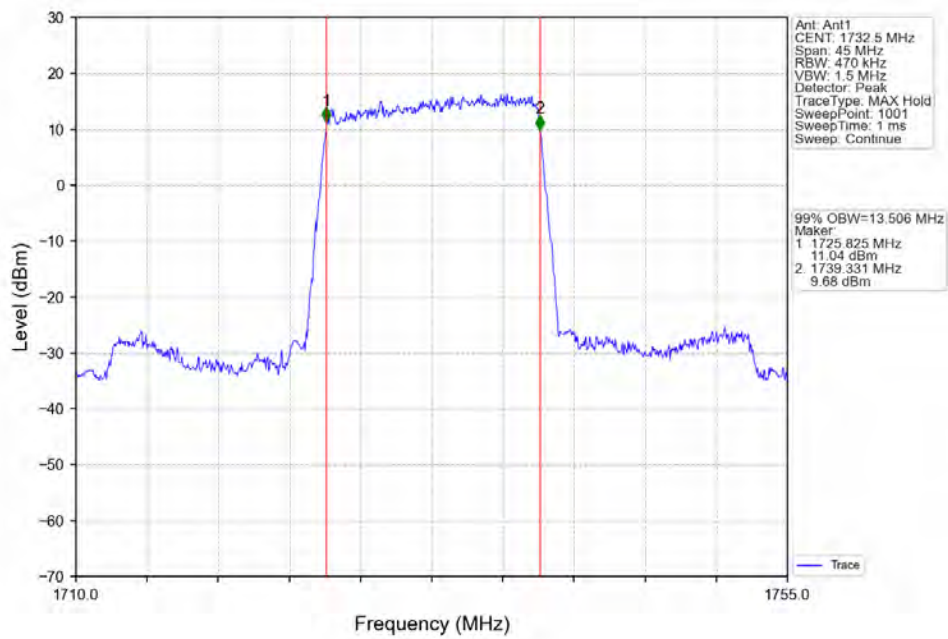
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

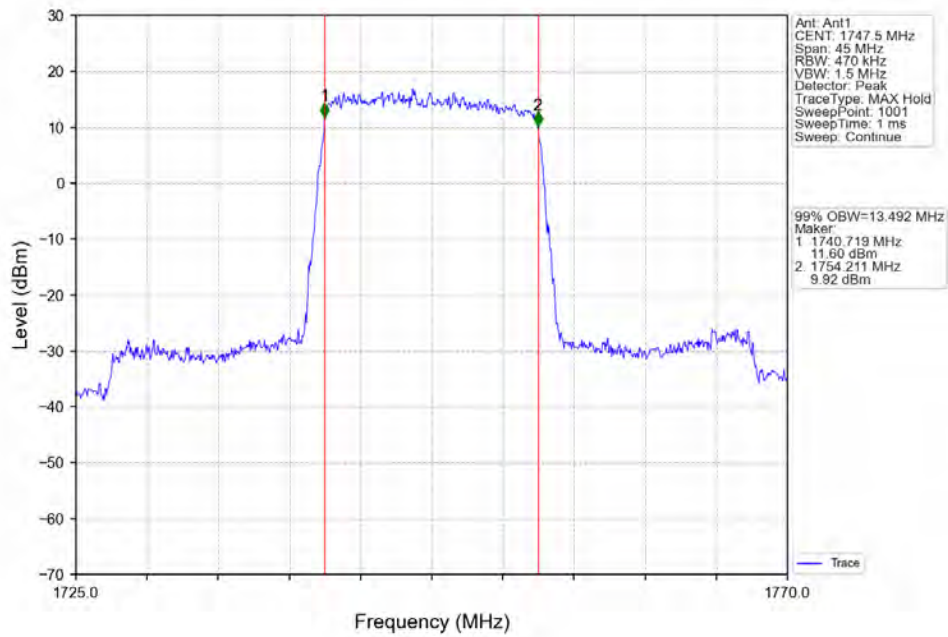


Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV

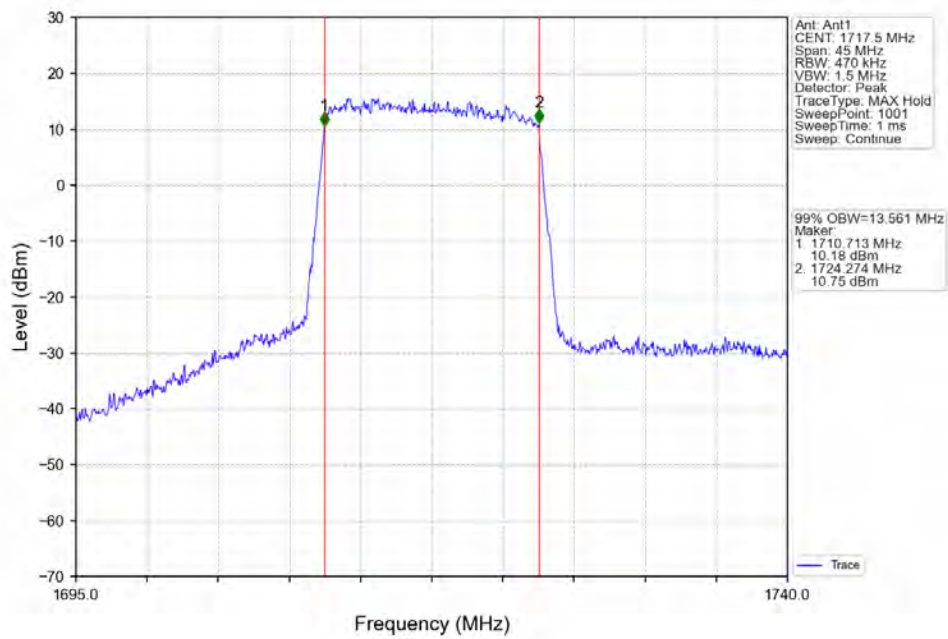




Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV

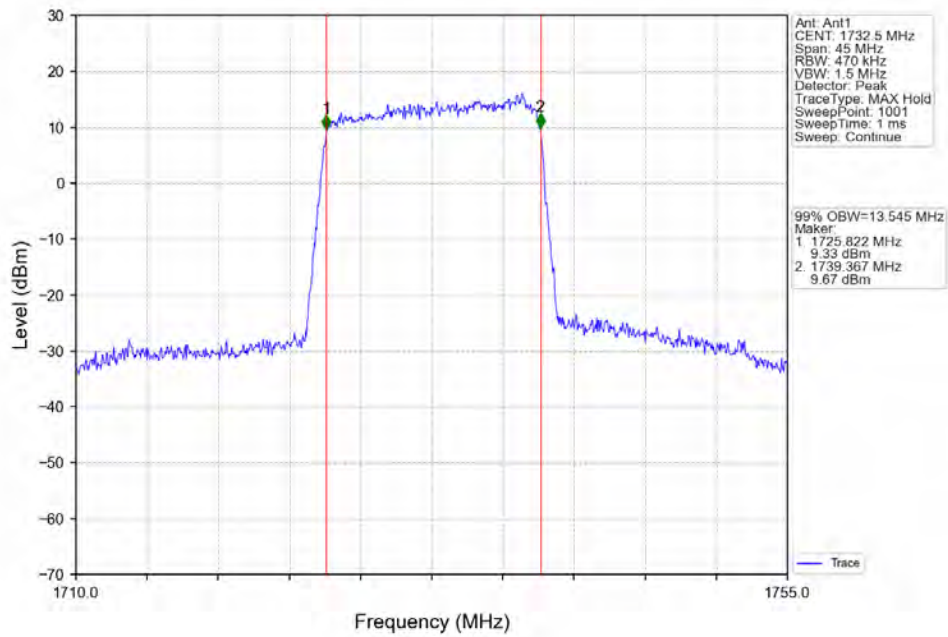


Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV

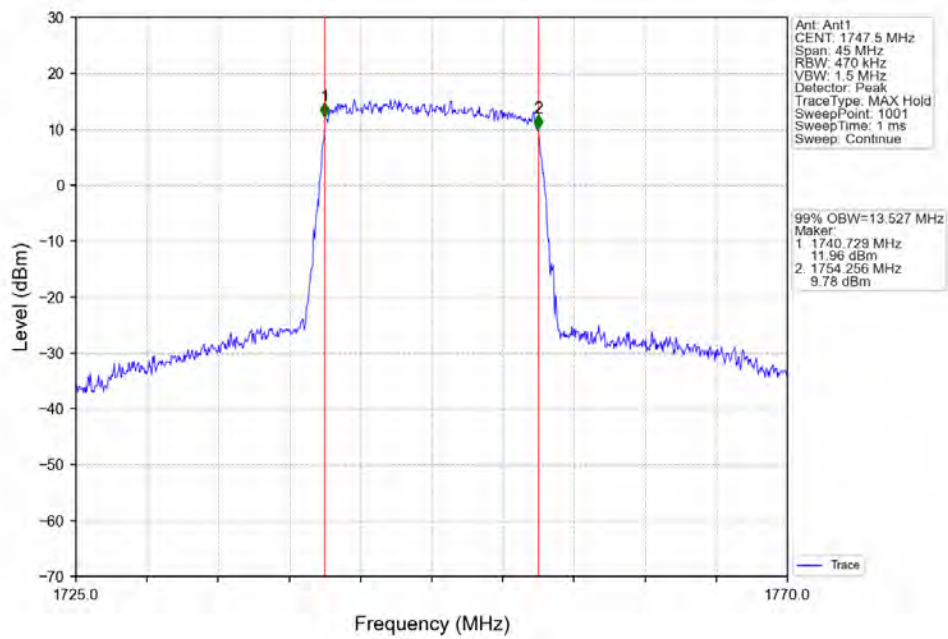




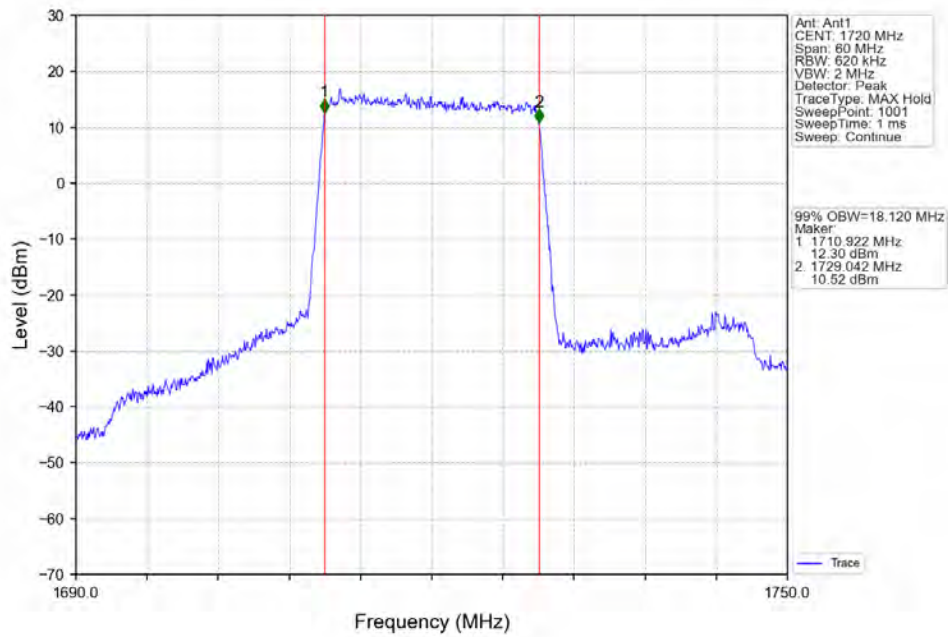
Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



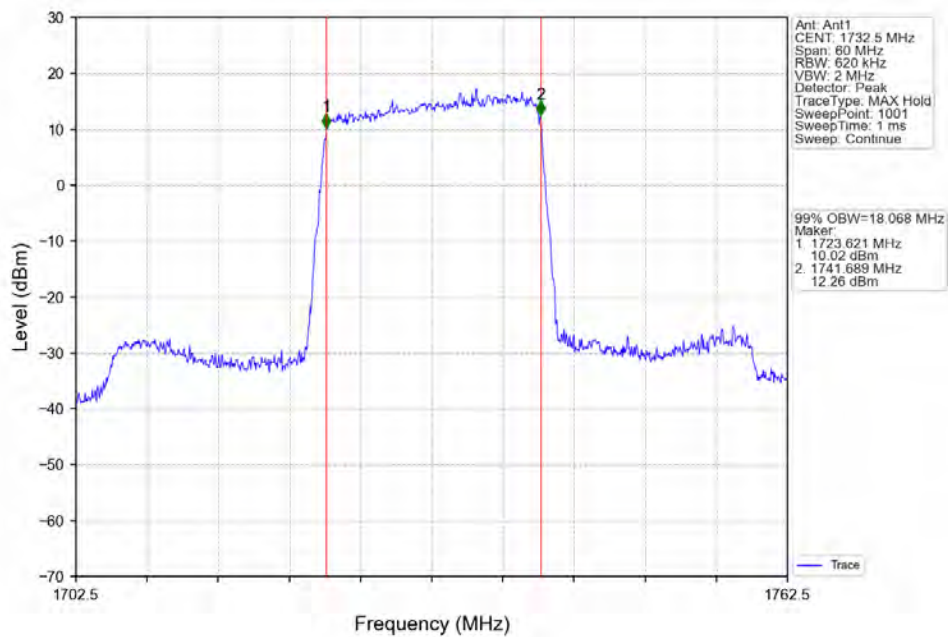
Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



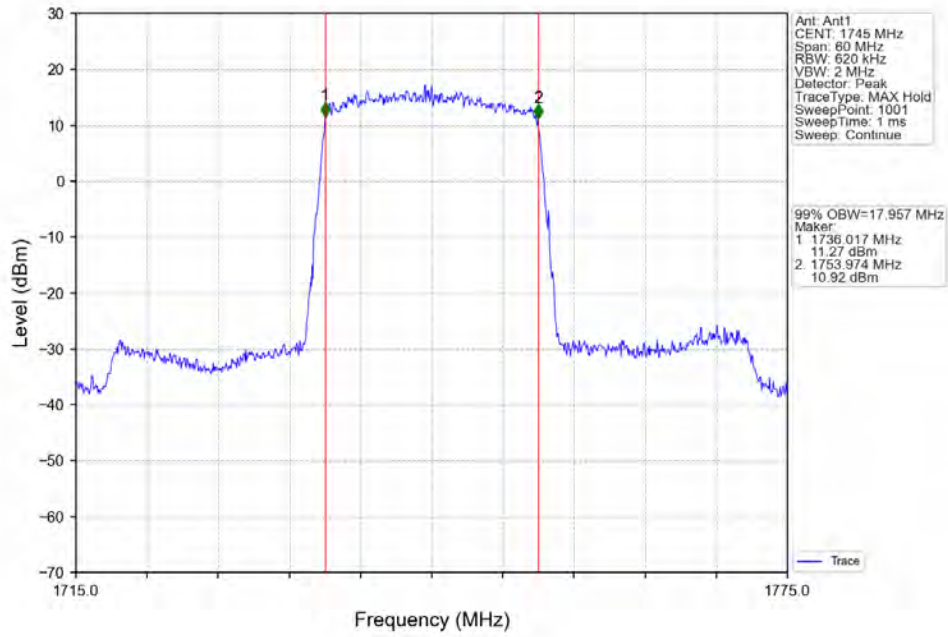
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV



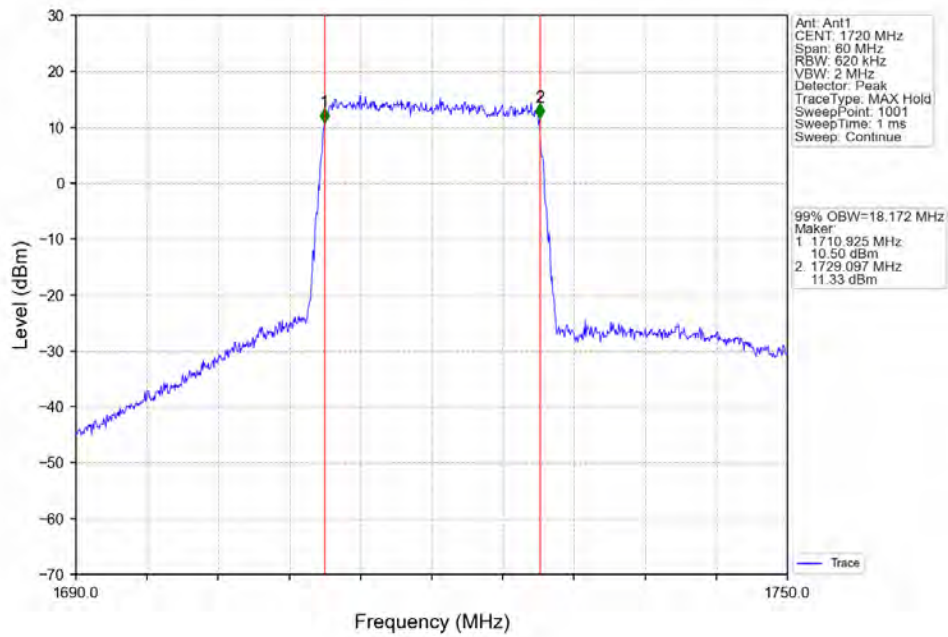
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



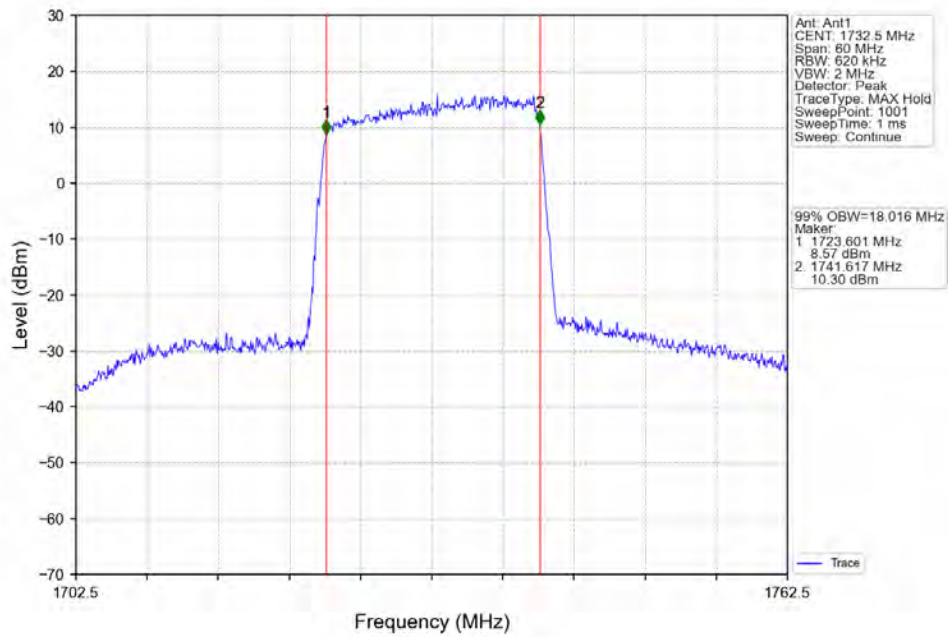
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



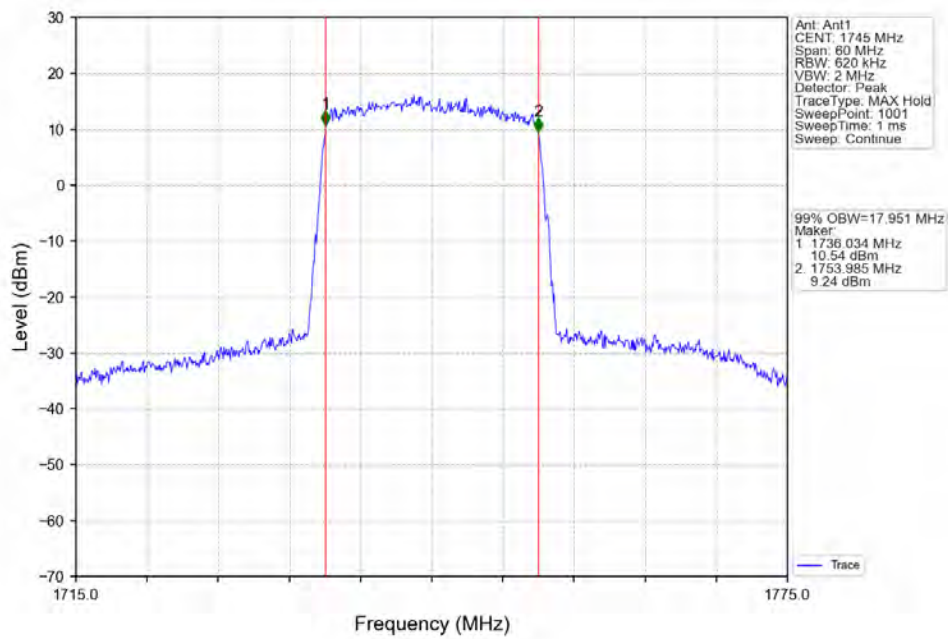
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV

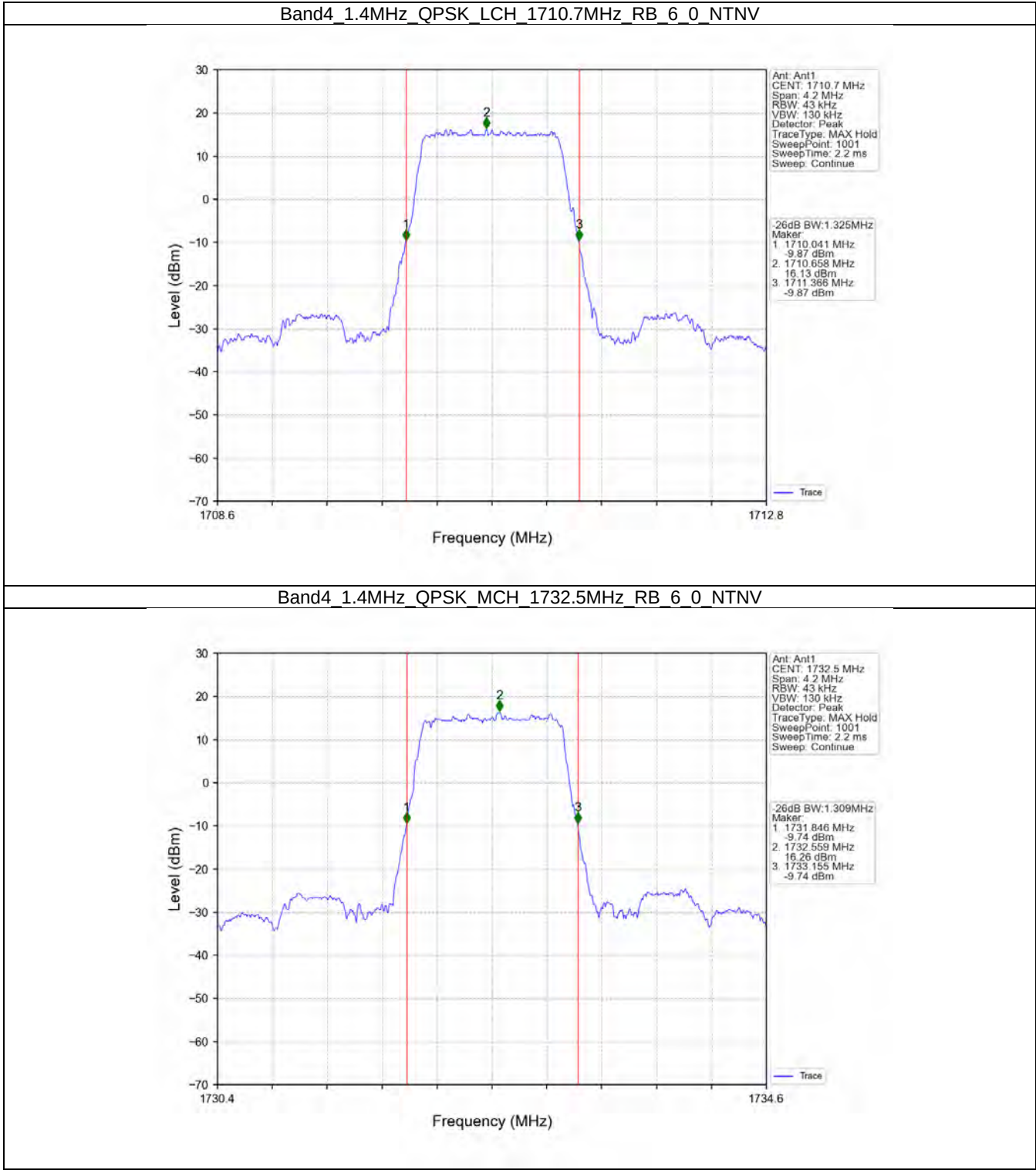


## 9.2 Band4\_XDB

### 9.2.1 Test Result

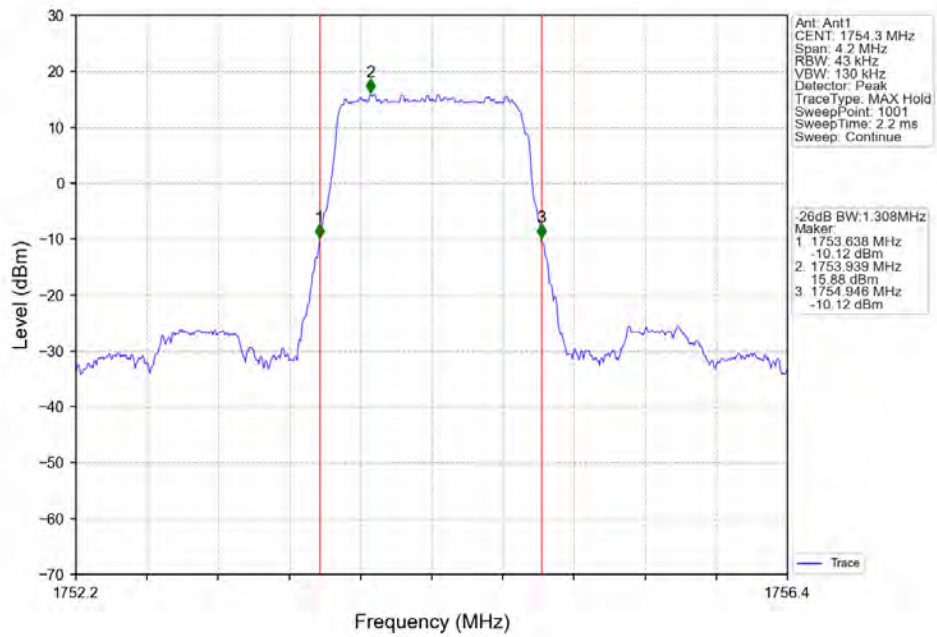
| Band: 4 / NTNV  |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 1.4             | QPSK       | 1710.7          | 6             | 0      | 1.325                | Pass    |
|                 |            | 1732.5          | 6             | 0      | 1.309                | Pass    |
|                 |            | 1754.3          | 6             | 0      | 1.308                | Pass    |
|                 | 16QAM      | 1710.7          | 6             | 0      | 1.323                | Pass    |
|                 |            | 1732.5          | 6             | 0      | 1.331                | Pass    |
|                 |            | 1754.3          | 6             | 0      | 1.329                | Pass    |
| 3               | QPSK       | 1711.5          | 15            | 0      | 3.039                | Pass    |
|                 |            | 1732.5          | 15            | 0      | 3.053                | Pass    |
|                 |            | 1753.5          | 15            | 0      | 3.062                | Pass    |
|                 | 16QAM      | 1711.5          | 15            | 0      | 3.029                | Pass    |
|                 |            | 1732.5          | 15            | 0      | 3.054                | Pass    |
|                 |            | 1753.5          | 15            | 0      | 3.067                | Pass    |
| 5               | QPSK       | 1712.5          | 25            | 0      | 5.056                | Pass    |
|                 |            | 1732.5          | 25            | 0      | 5.073                | Pass    |
|                 |            | 1752.5          | 25            | 0      | 5.074                | Pass    |
|                 | 16QAM      | 1712.5          | 25            | 0      | 5.058                | Pass    |
|                 |            | 1732.5          | 25            | 0      | 5.115                | Pass    |
|                 |            | 1752.5          | 25            | 0      | 5.109                | Pass    |
| 10              | QPSK       | 1715            | 50            | 0      | 10.044               | Pass    |
|                 |            | 1732.5          | 50            | 0      | 9.994                | Pass    |
|                 |            | 1750            | 50            | 0      | 10.018               | Pass    |
|                 | 16QAM      | 1715            | 50            | 0      | 9.974                | Pass    |
|                 |            | 1732.5          | 50            | 0      | 9.973                | Pass    |
|                 |            | 1750            | 50            | 0      | 10.030               | Pass    |
| 15              | QPSK       | 1717.5          | 75            | 0      | 14.994               | Pass    |
|                 |            | 1732.5          | 75            | 0      | 14.906               | Pass    |
|                 |            | 1747.5          | 75            | 0      | 14.903               | Pass    |
|                 | 16QAM      | 1717.5          | 75            | 0      | 15.002               | Pass    |
|                 |            | 1732.5          | 75            | 0      | 14.825               | Pass    |
|                 |            | 1747.5          | 75            | 0      | 14.936               | Pass    |
| 20              | QPSK       | 1720            | 100           | 0      | 19.692               | Pass    |
|                 |            | 1732.5          | 100           | 0      | 19.690               | Pass    |
|                 |            | 1745            | 100           | 0      | 19.767               | Pass    |
|                 | 16QAM      | 1720            | 100           | 0      | 19.840               | Pass    |
|                 |            | 1732.5          | 100           | 0      | 19.763               | Pass    |
|                 |            | 1745            | 100           | 0      | 19.791               | Pass    |

9.2.2 Test Graph

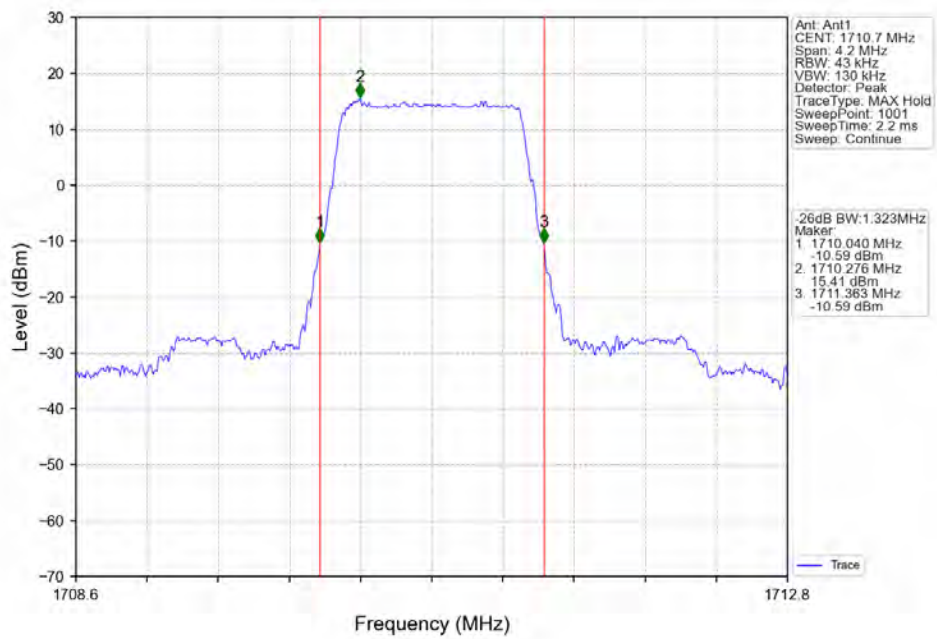




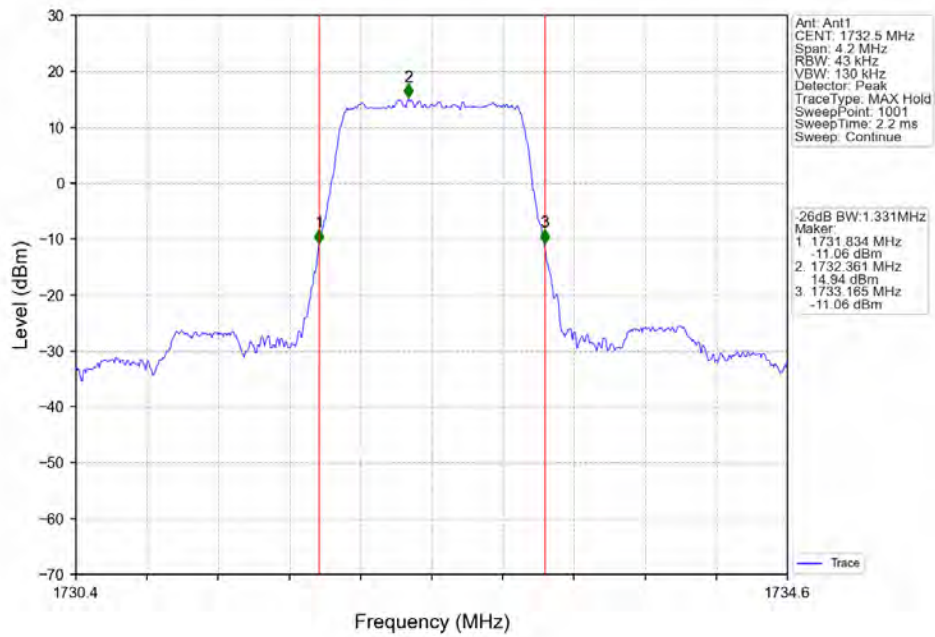
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



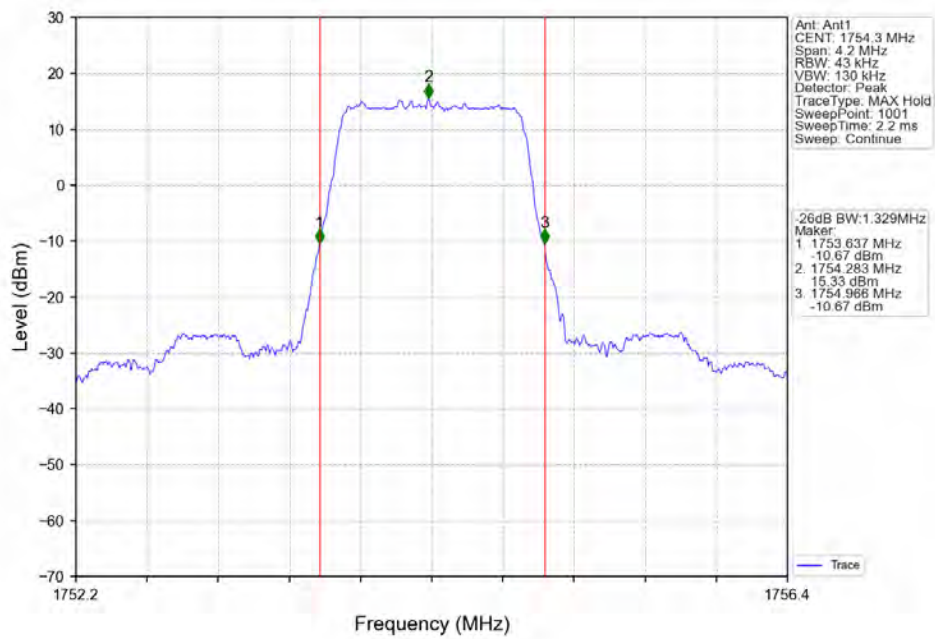
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



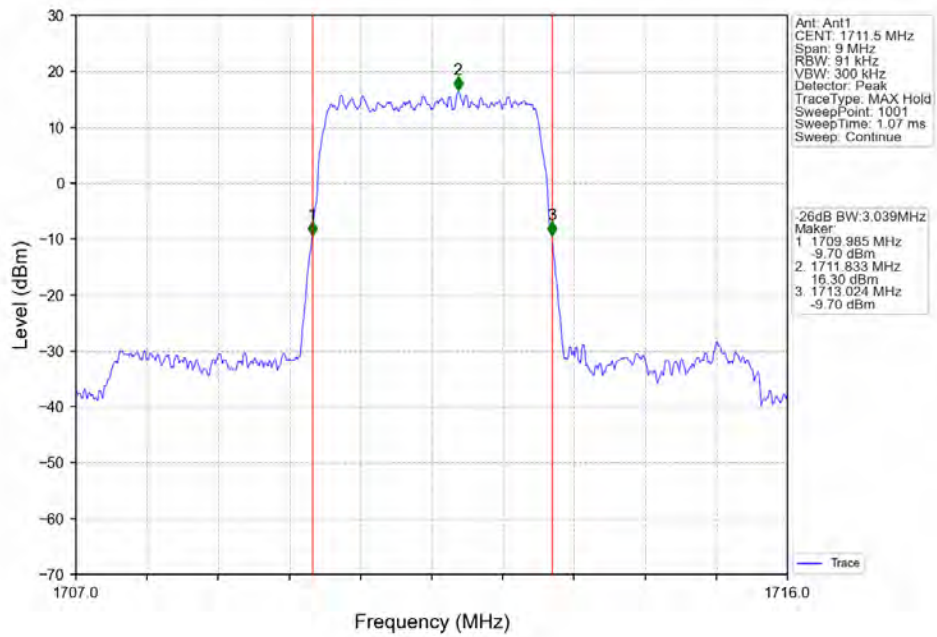
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



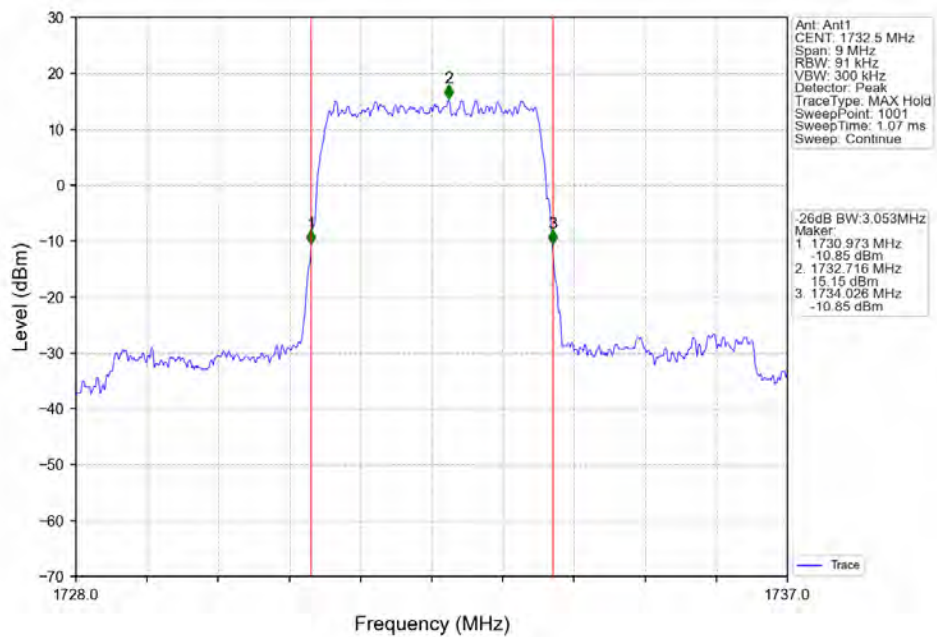
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



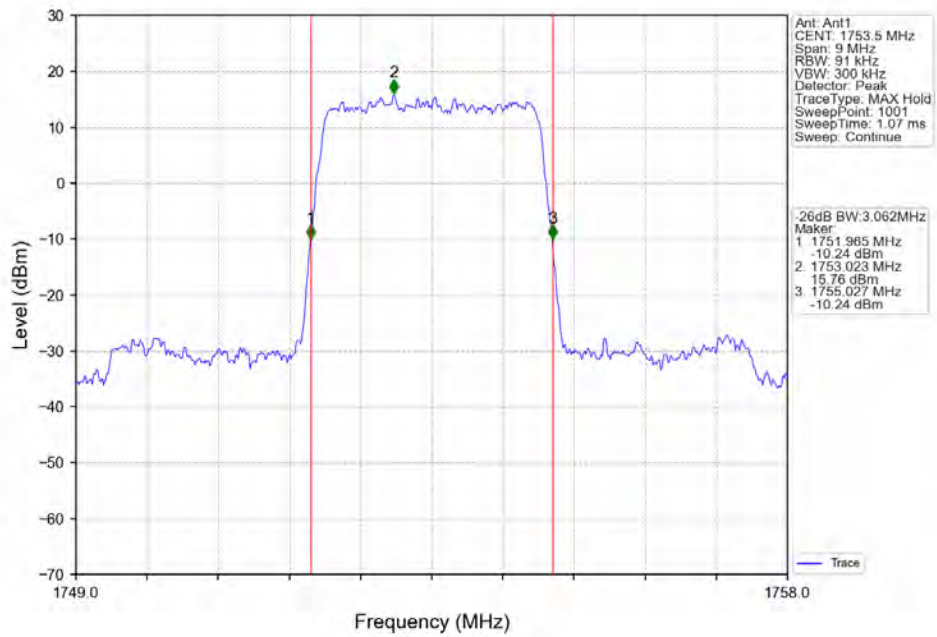
# Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



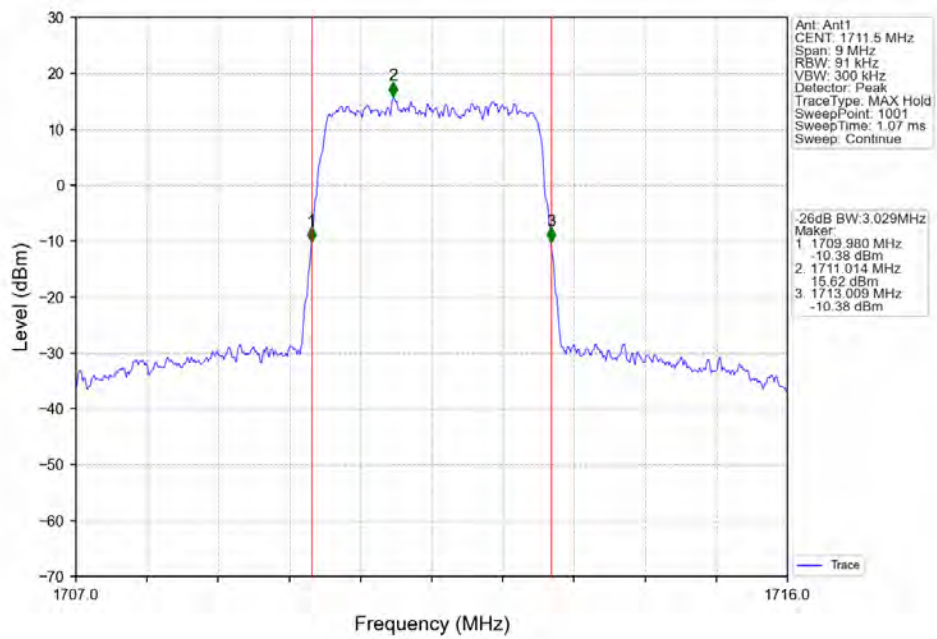
# Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



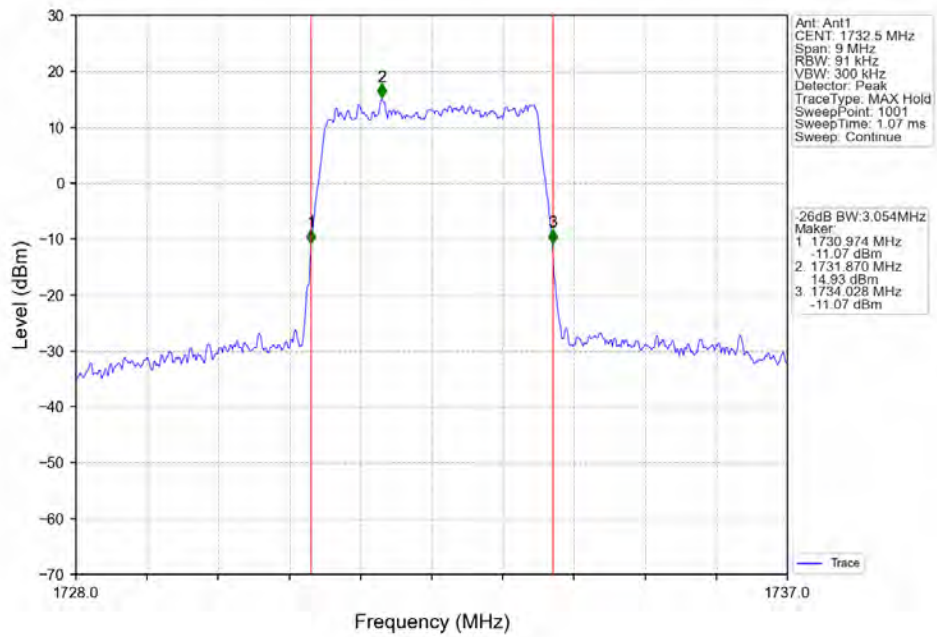
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



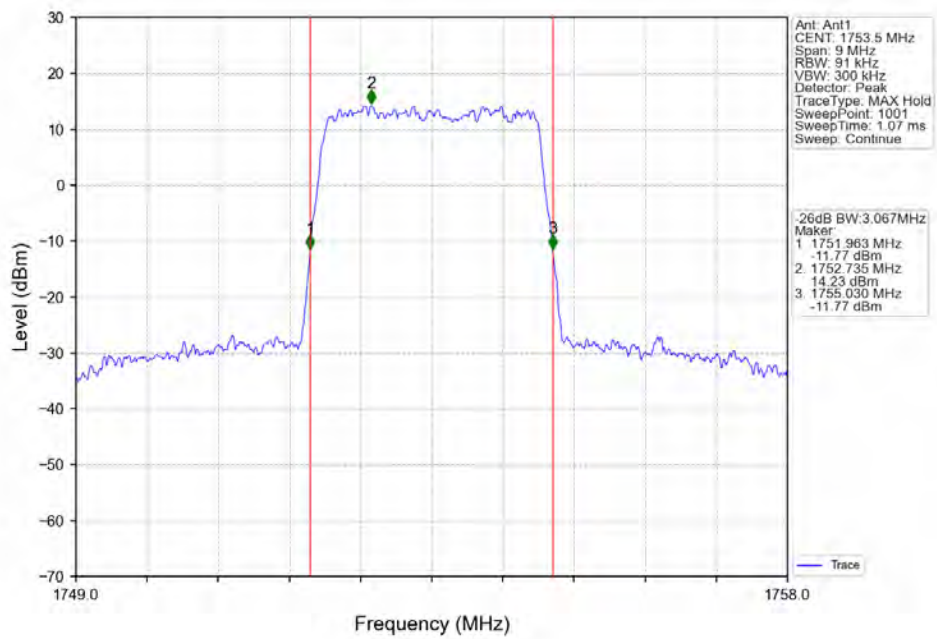
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV

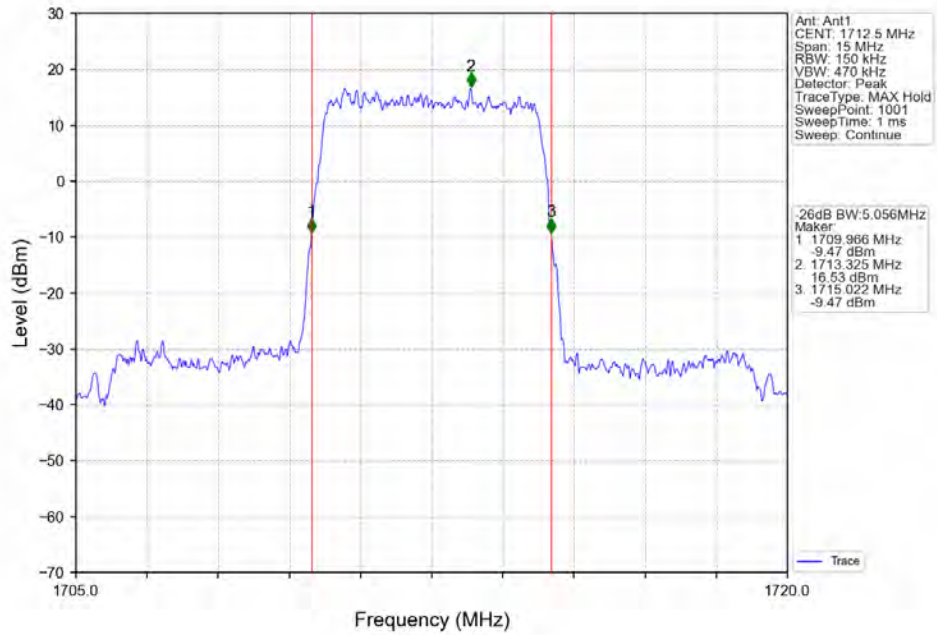


Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV

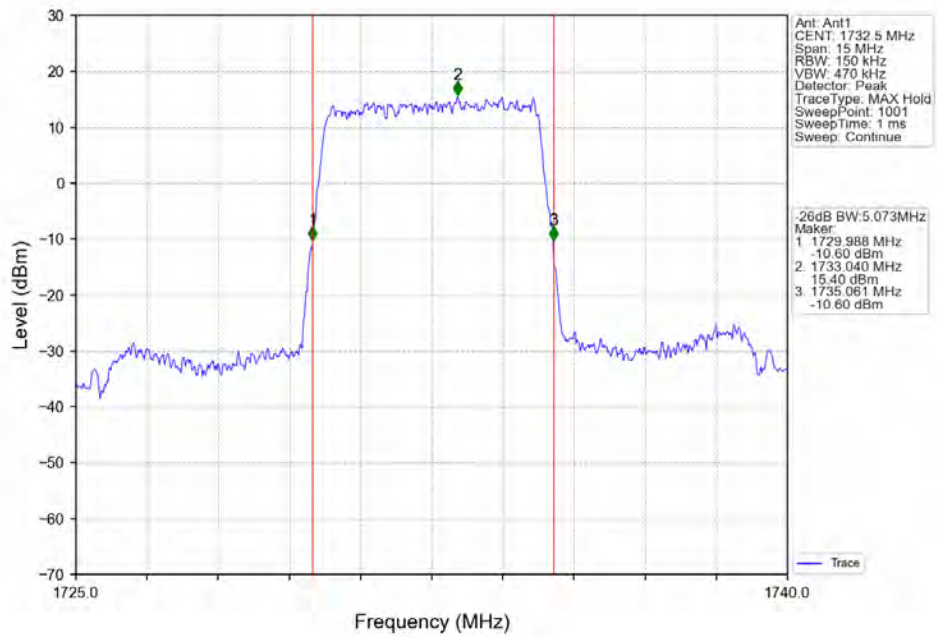




Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

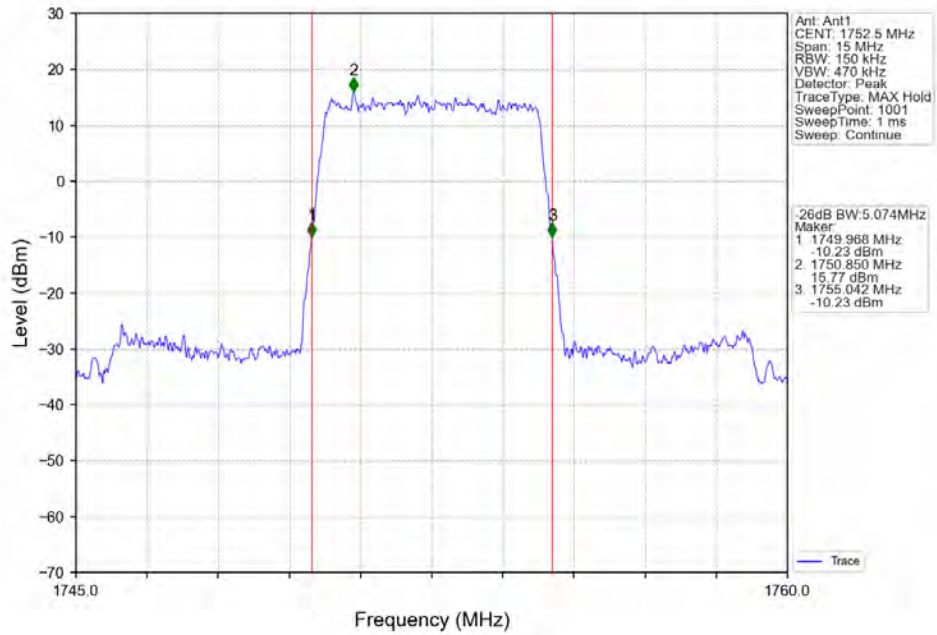


Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV

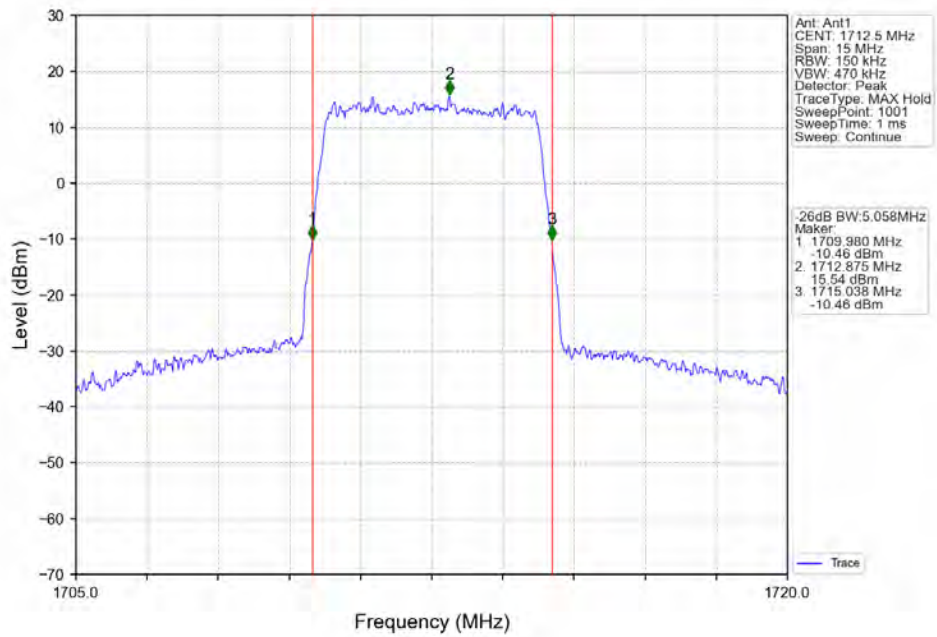




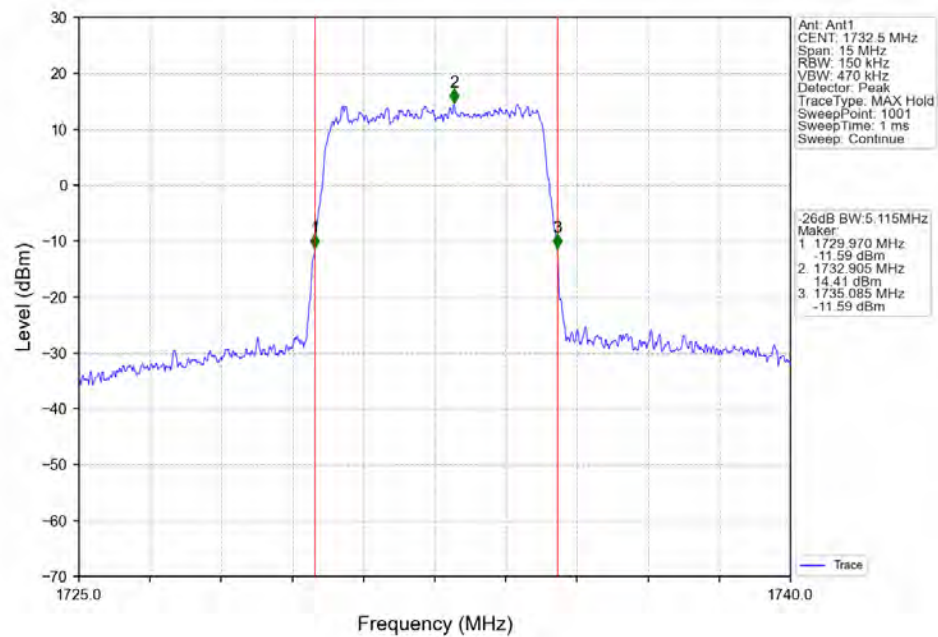
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



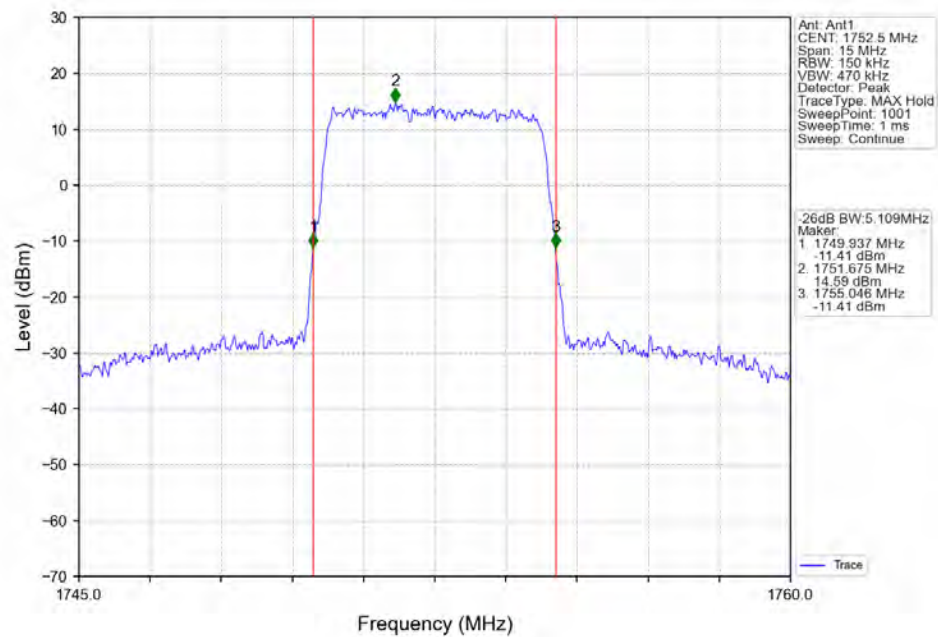
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



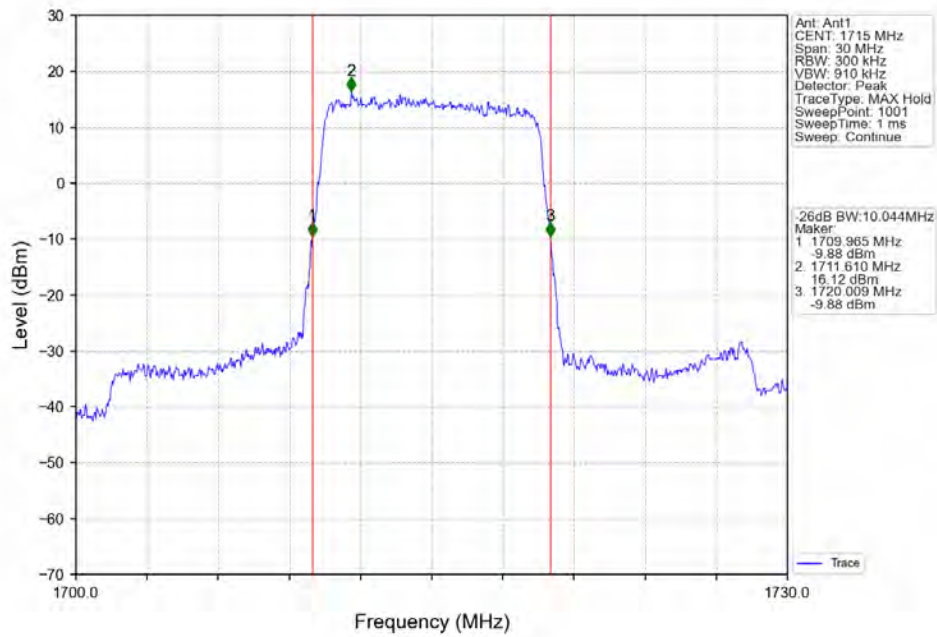
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



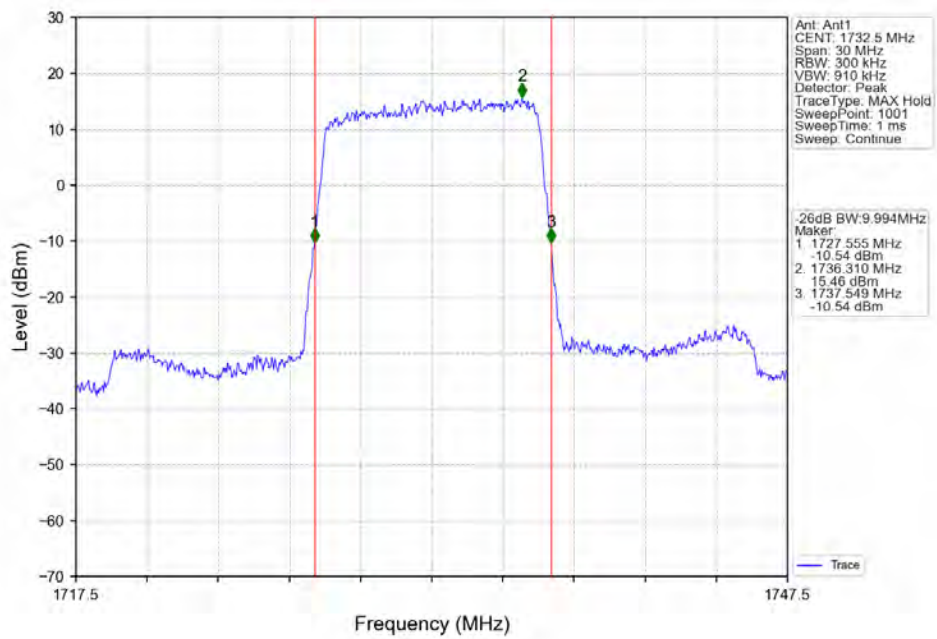
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



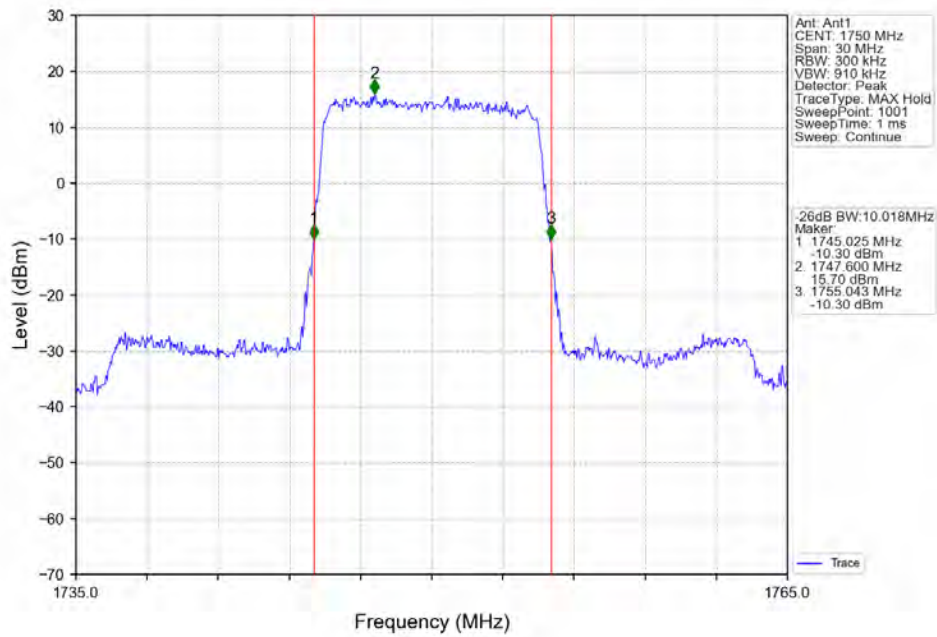
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



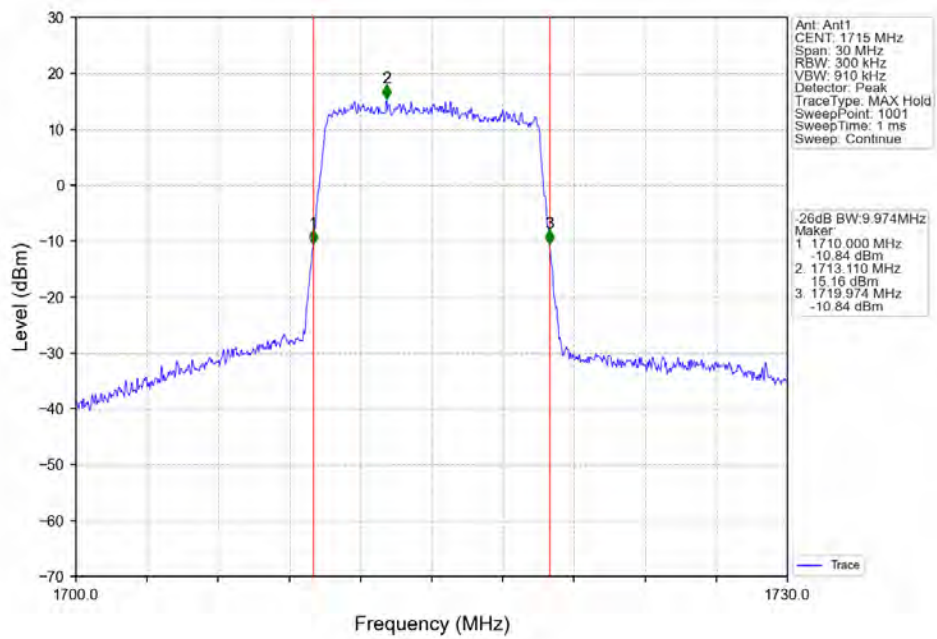
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



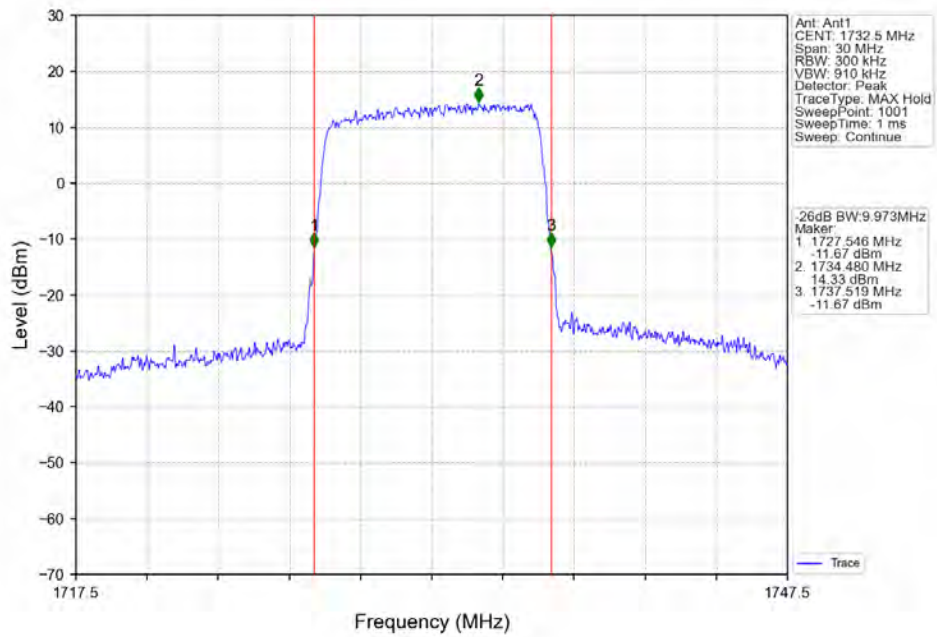
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



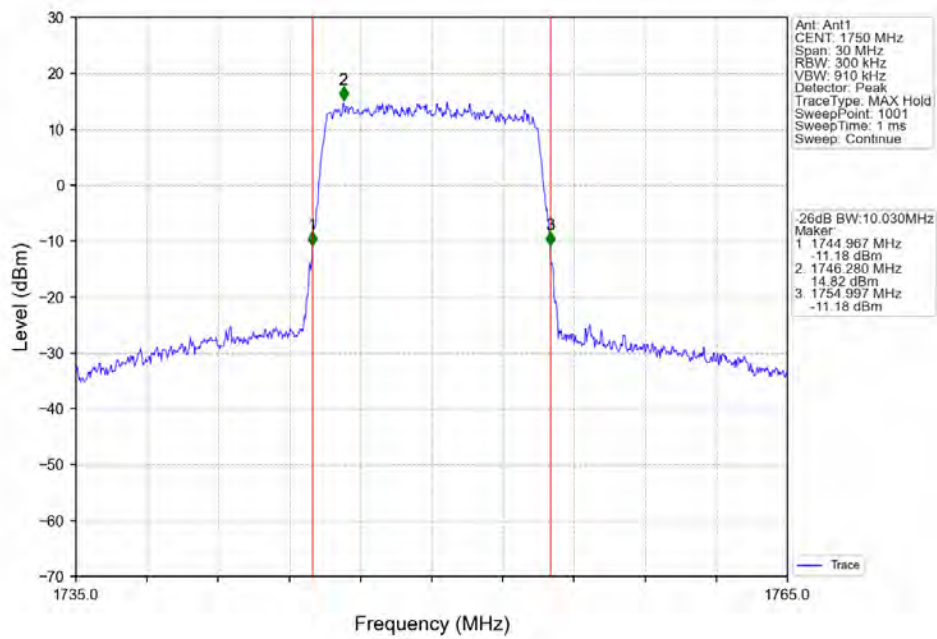
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV

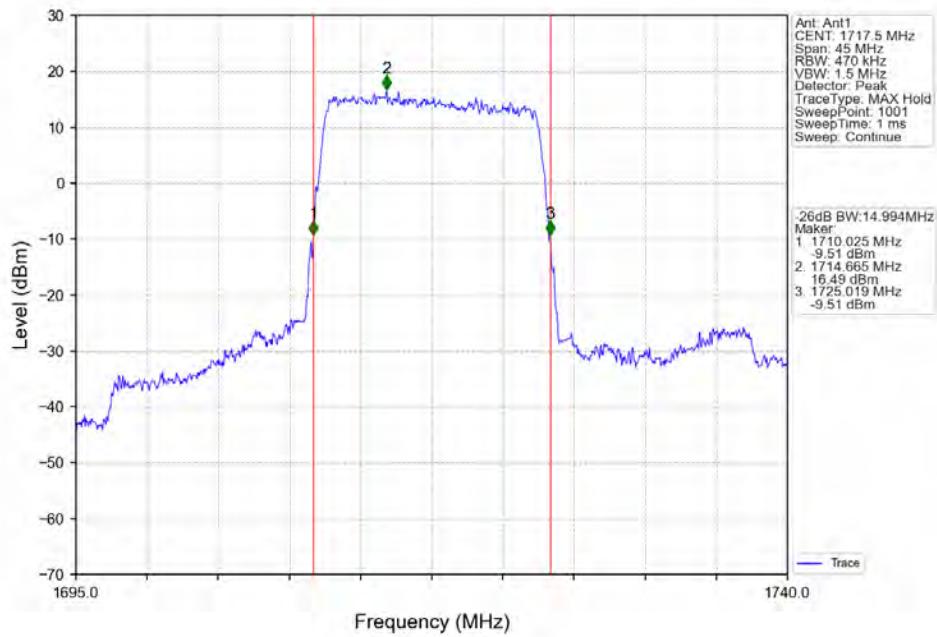


Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV

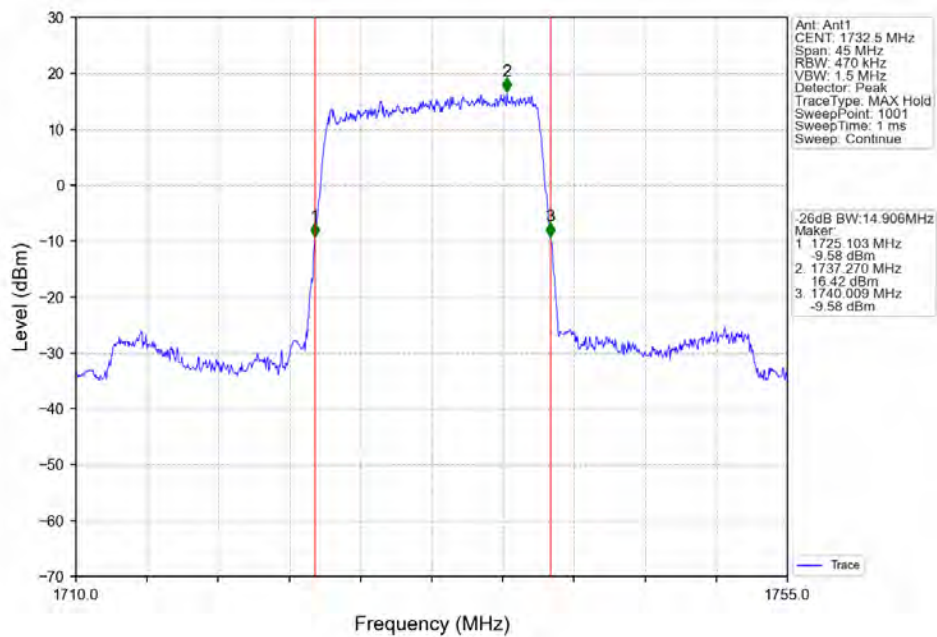




Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

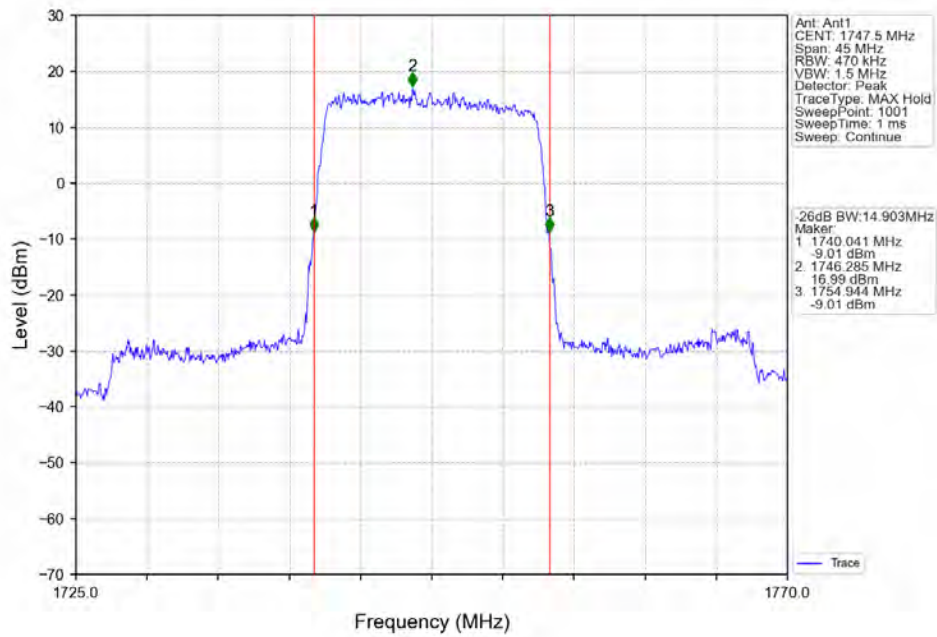


Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV

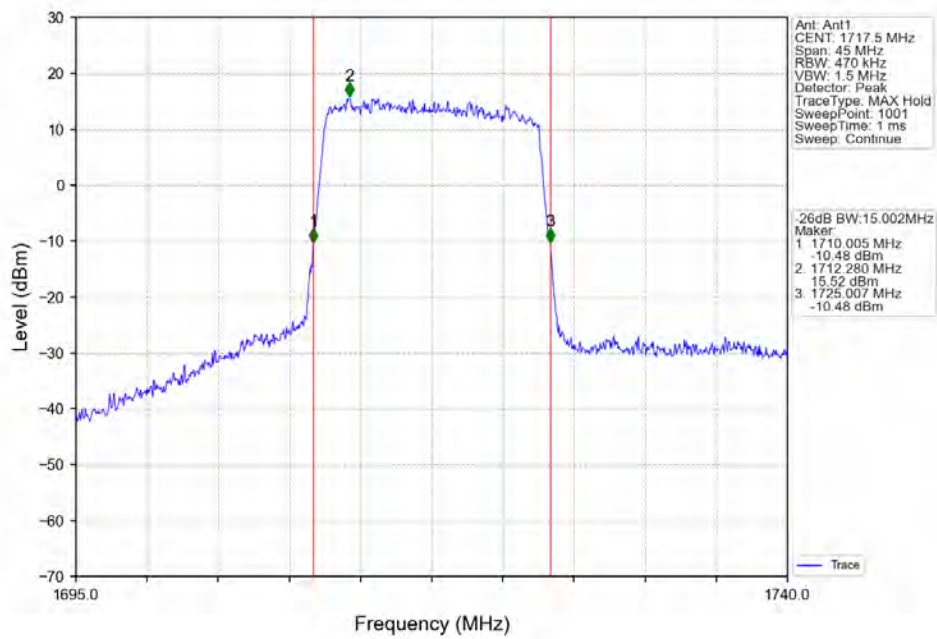




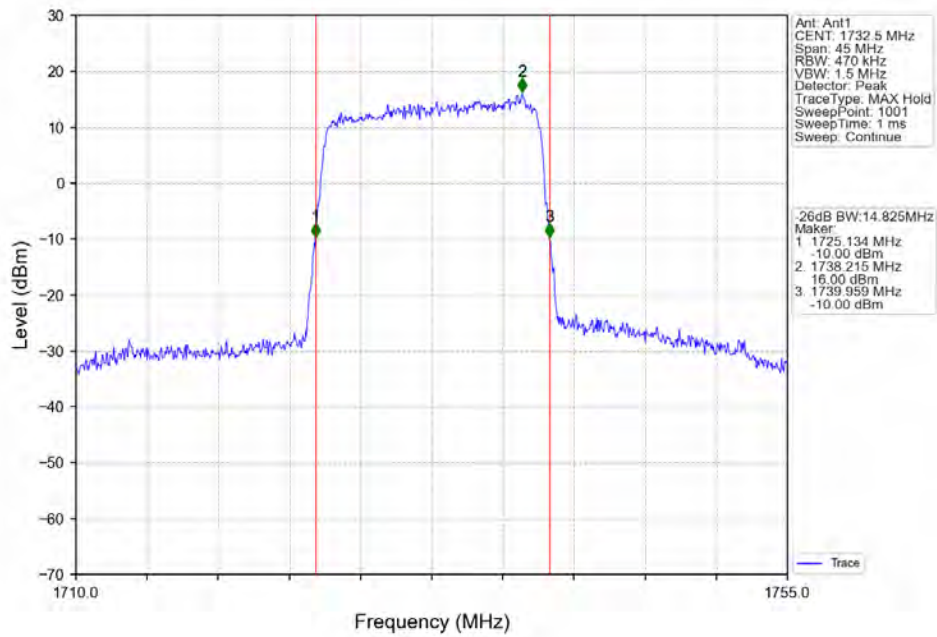
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



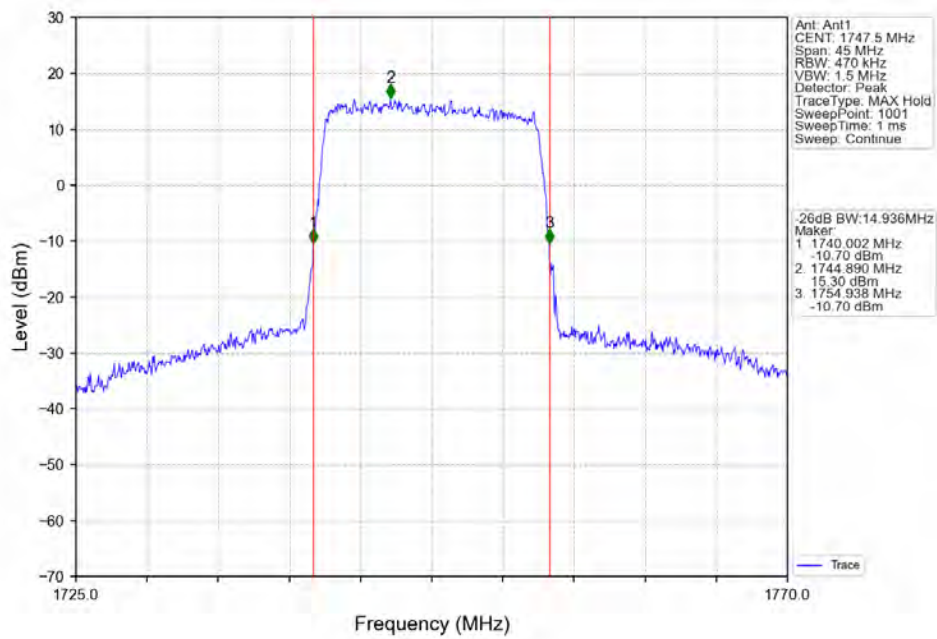
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



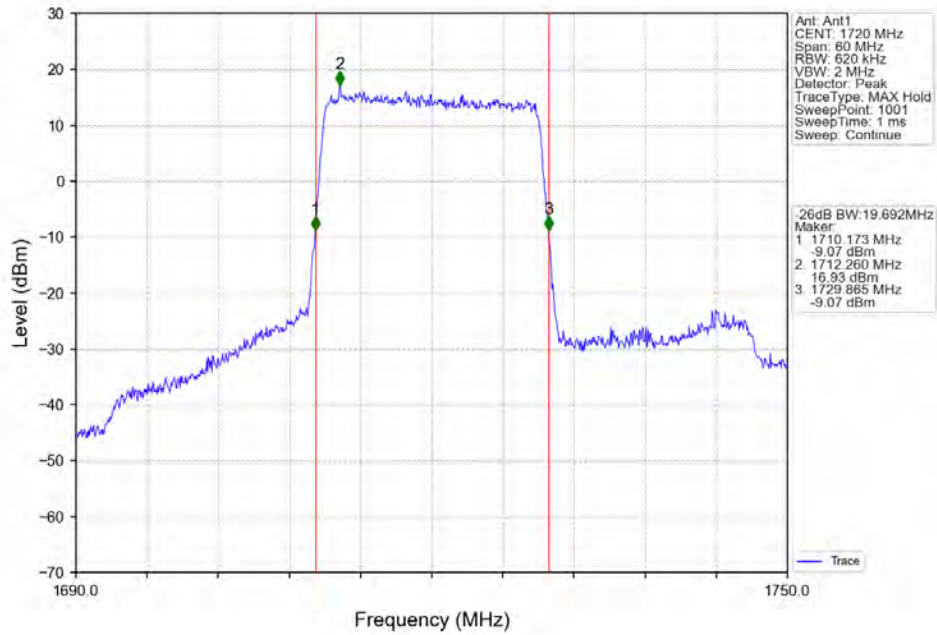
Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



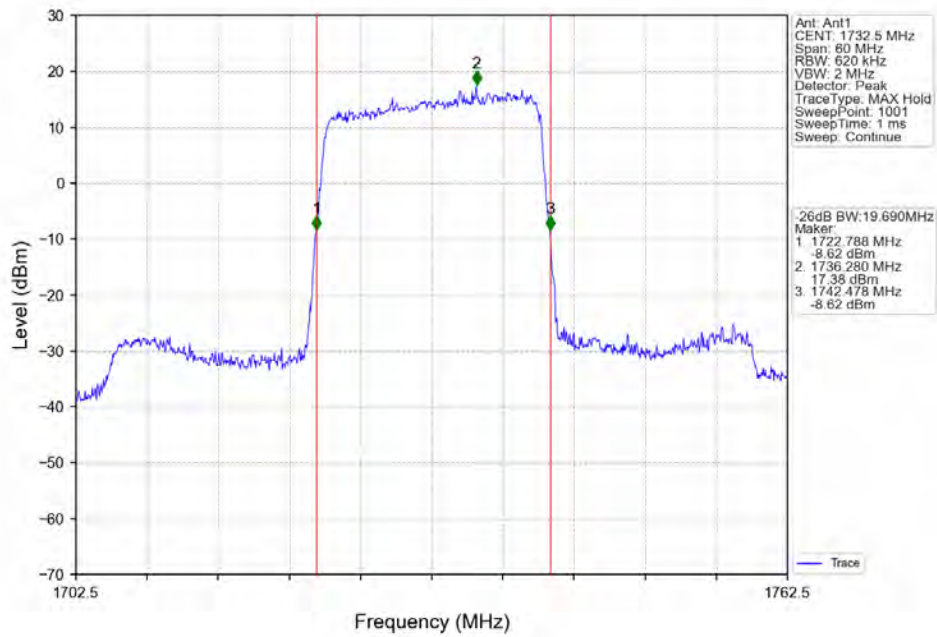
Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



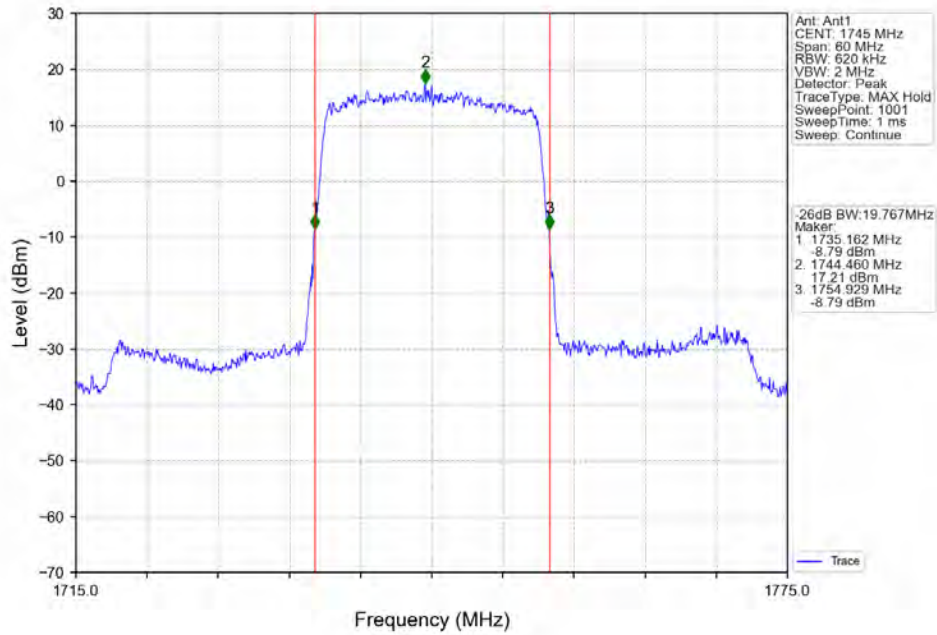
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



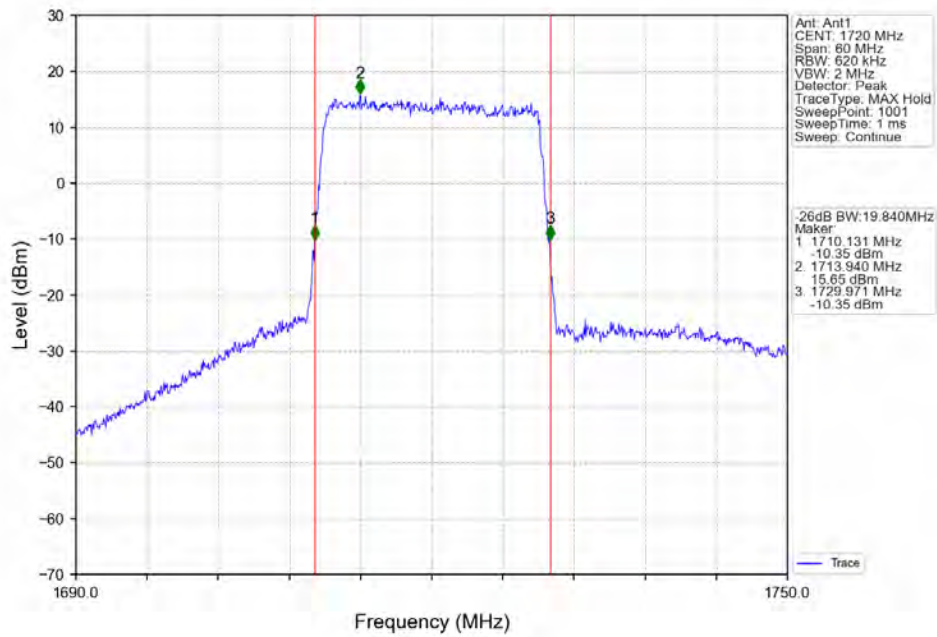
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



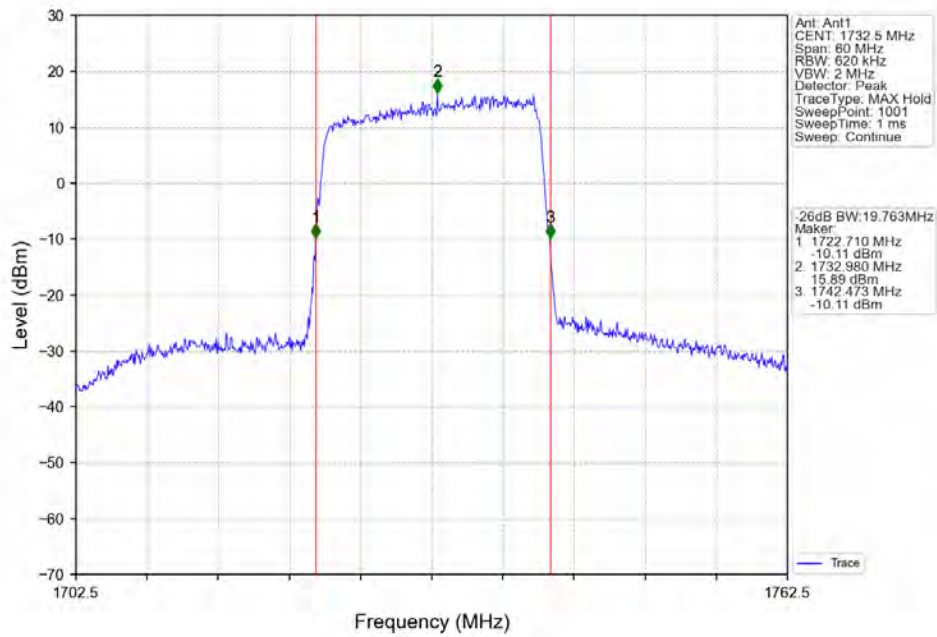
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



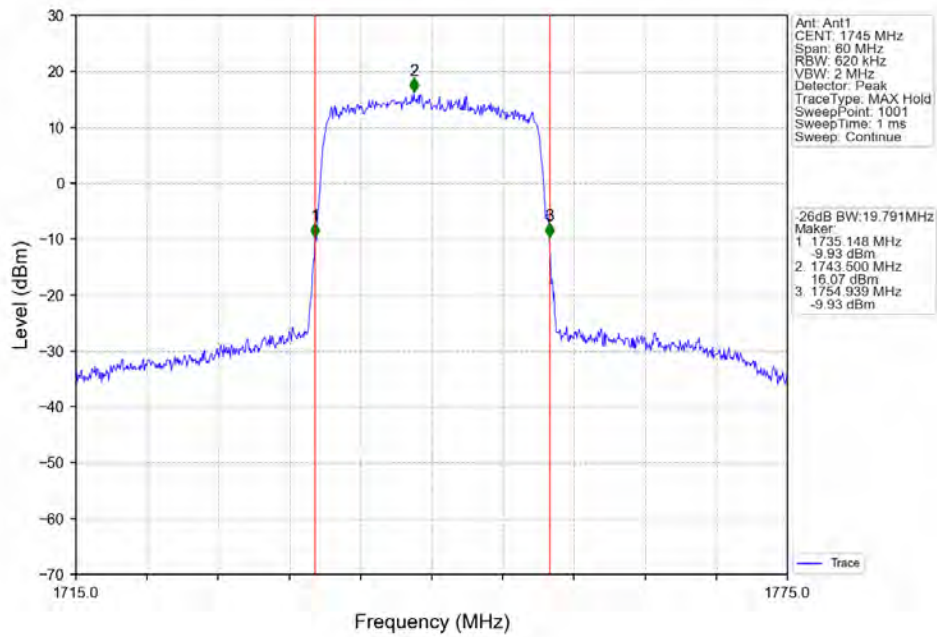
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



## 10. 99% & 26dB Bandwidth

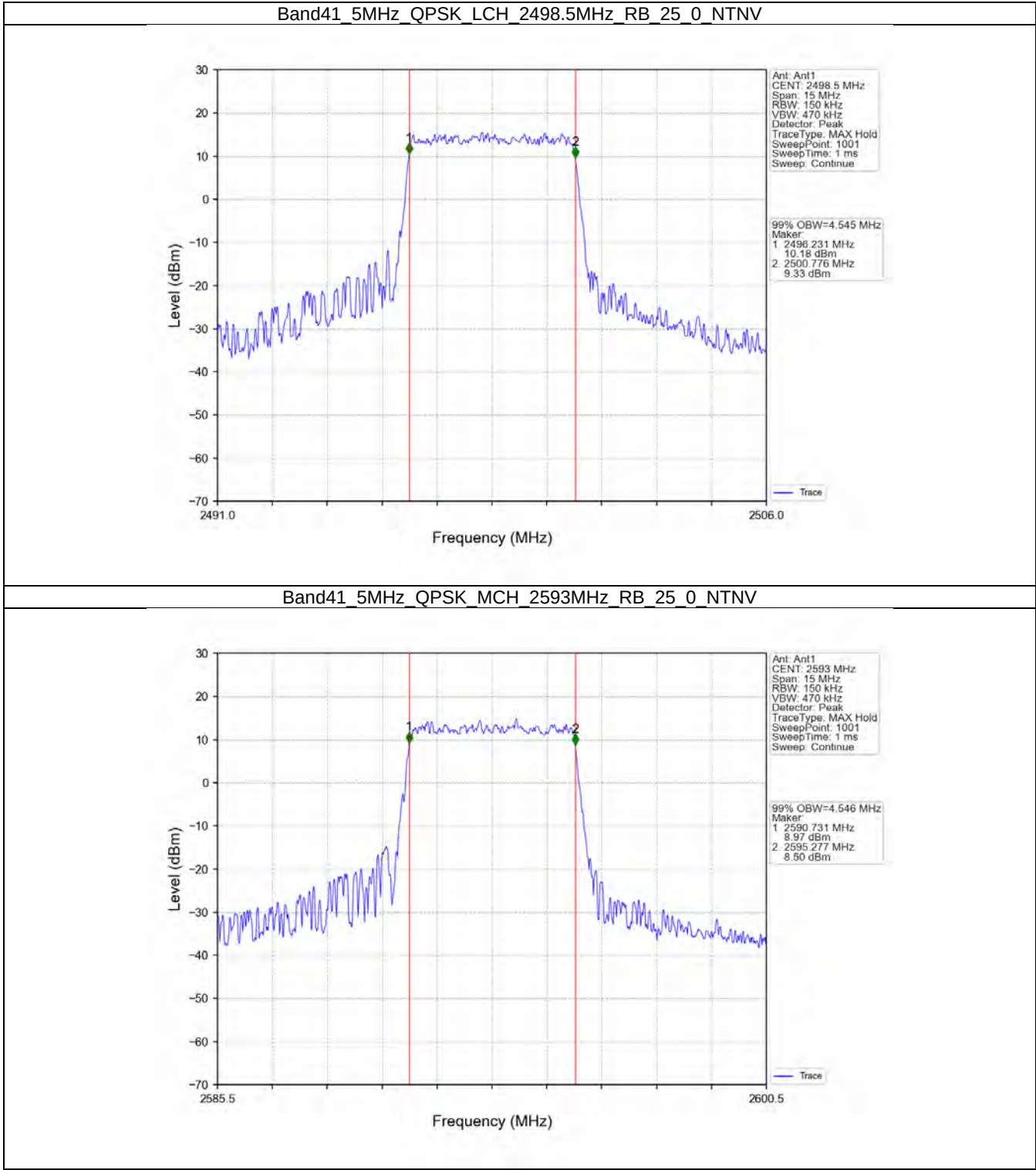
### 10.1 Band41\_OBW

#### 10.1.1 Test Result

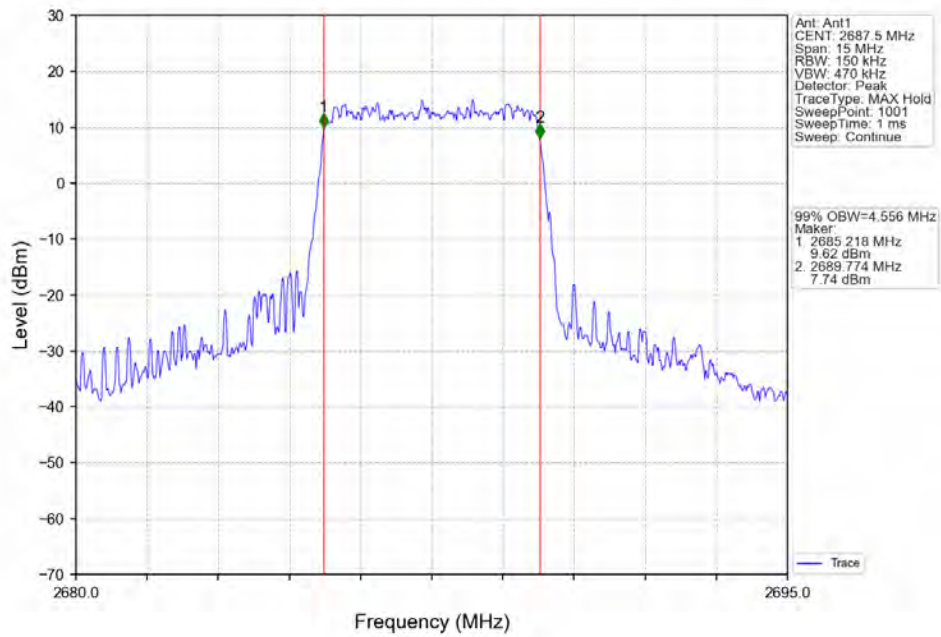
| Band: 41 / NTNV |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 4.545                        | Pass    |
|                 |            | 2593            | 25            | 0      | 4.546                        | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.556                        | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 4.538                        | Pass    |
|                 |            | 2593            | 25            | 0      | 4.540                        | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.525                        | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 9.051                        | Pass    |
|                 |            | 2593            | 50            | 0      | 9.016                        | Pass    |
|                 |            | 2685            | 50            | 0      | 9.029                        | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 9.001                        | Pass    |
|                 |            | 2593            | 50            | 0      | 9.017                        | Pass    |
|                 |            | 2685            | 50            | 0      | 9.033                        | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 13.567                       | Pass    |
|                 |            | 2593            | 75            | 0      | 13.556                       | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.506                       | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 13.524                       | Pass    |
|                 |            | 2593            | 75            | 0      | 13.549                       | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.558                       | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 18.038                       | Pass    |
|                 |            | 2593            | 100           | 0      | 18.028                       | Pass    |
|                 |            | 2680            | 100           | 0      | 18.084                       | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 17.976                       | Pass    |
|                 |            | 2593            | 100           | 0      | 18.047                       | Pass    |
|                 |            | 2680            | 100           | 0      | 18.036                       | Pass    |



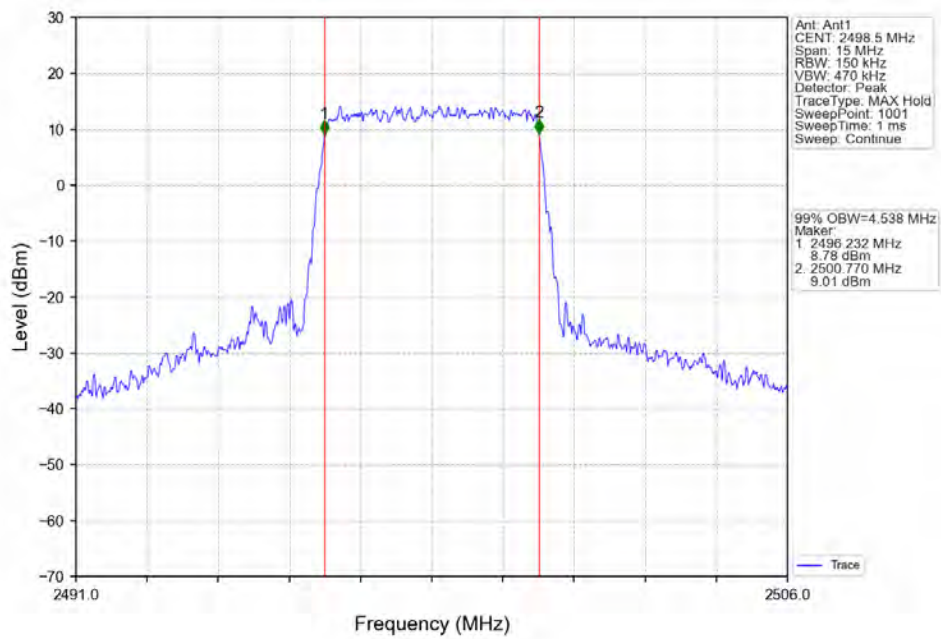
10.1.2 Test Graph



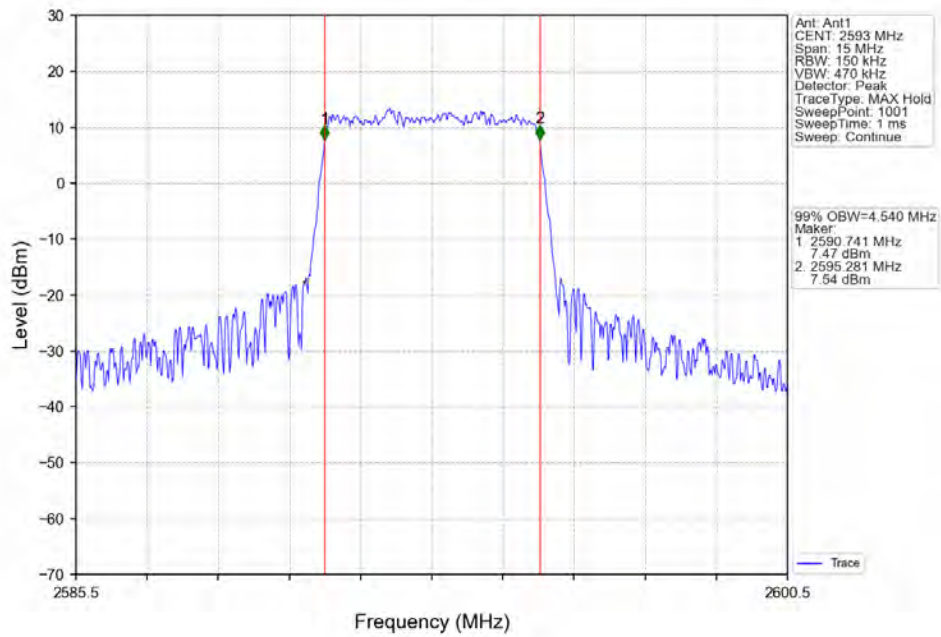
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



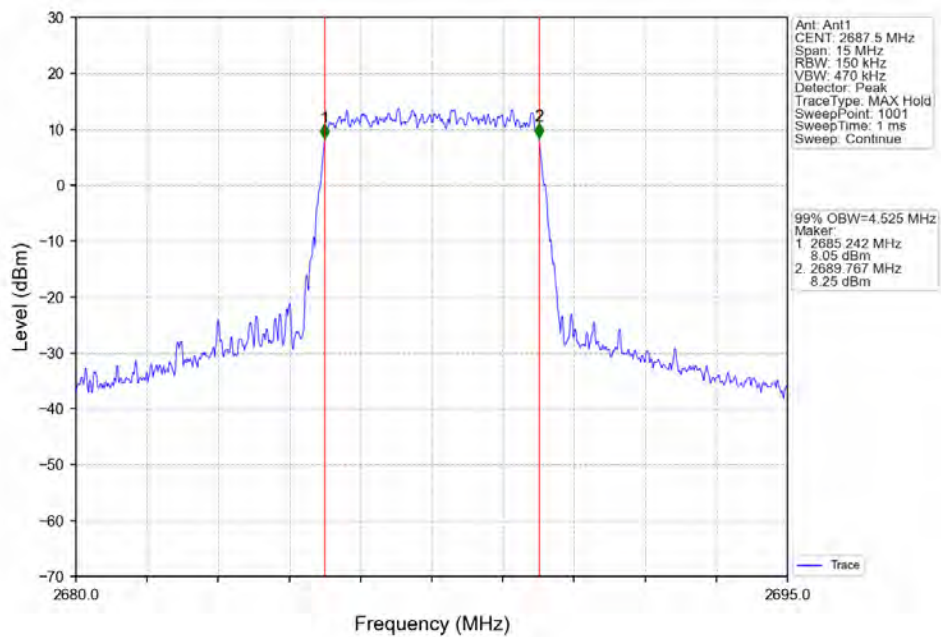
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



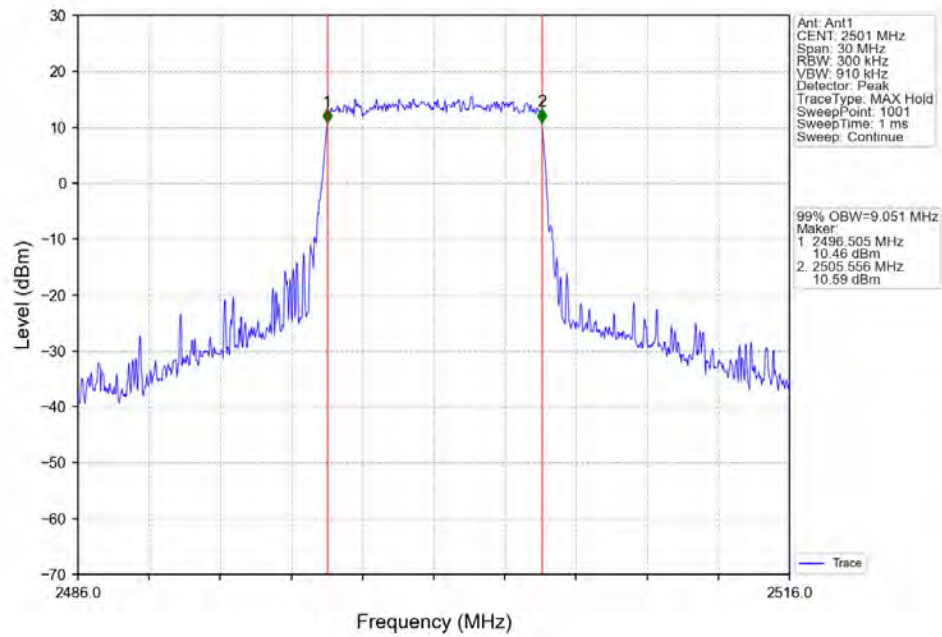
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



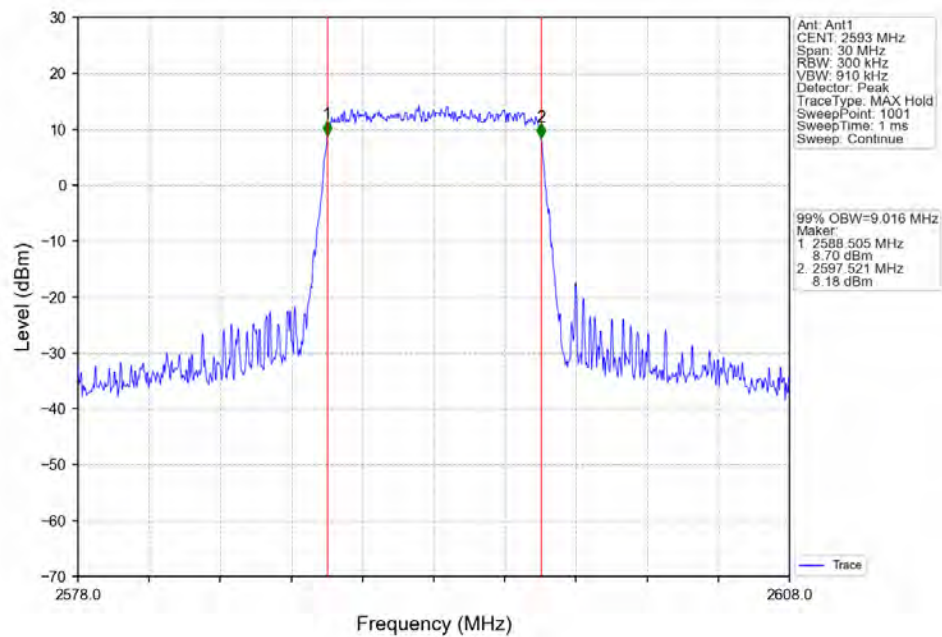
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



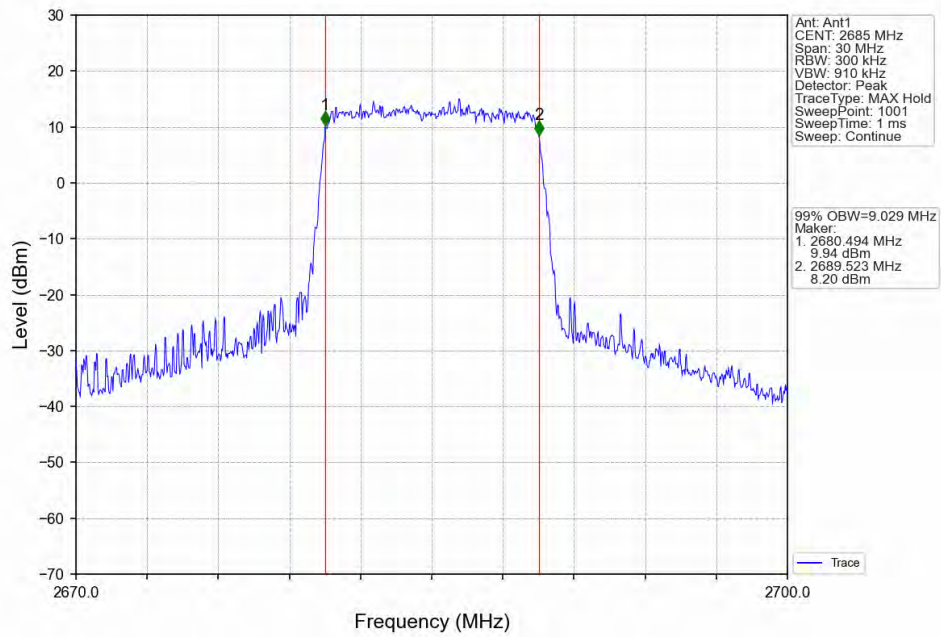
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTN



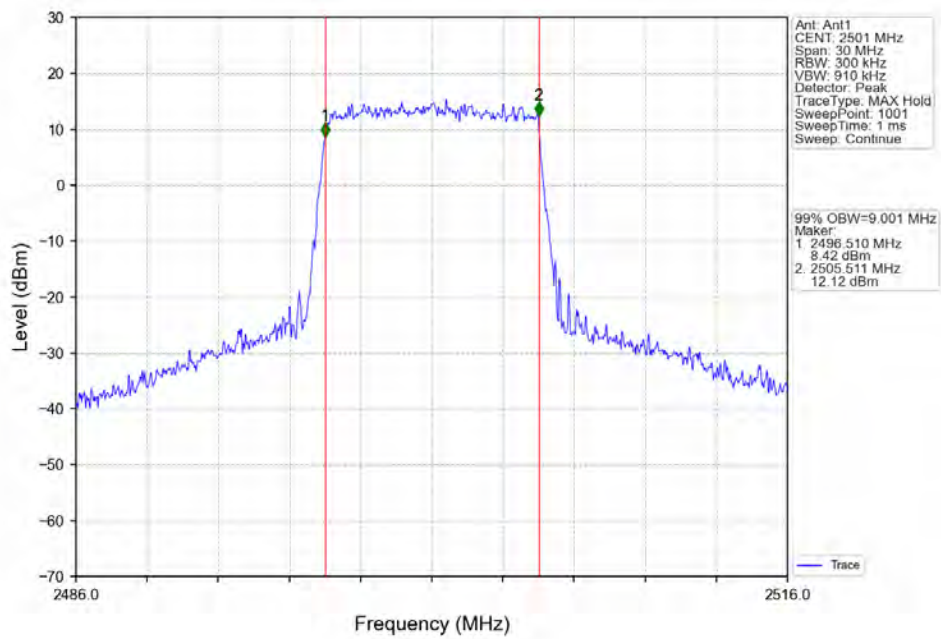
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTN



Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV

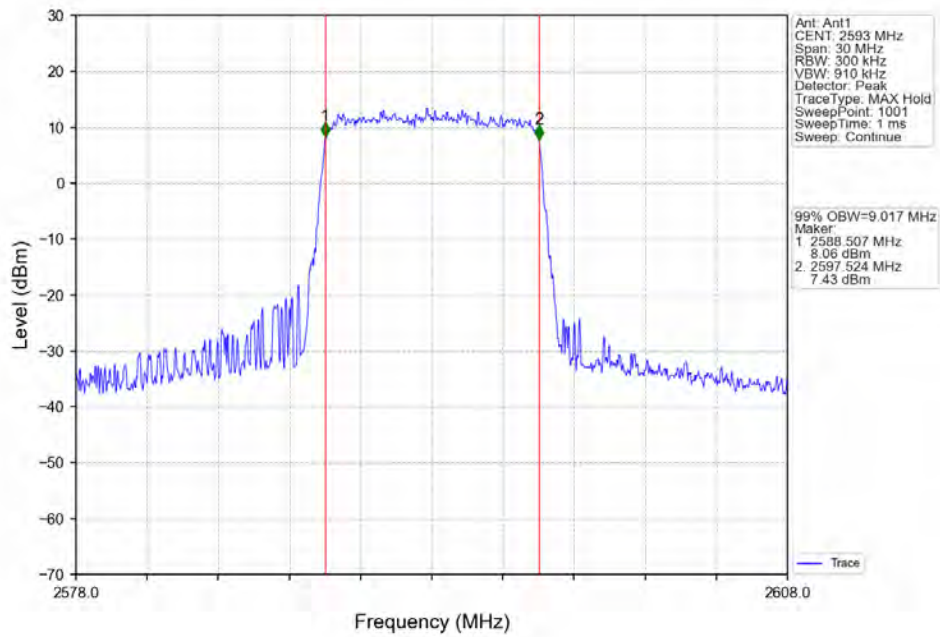


Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV

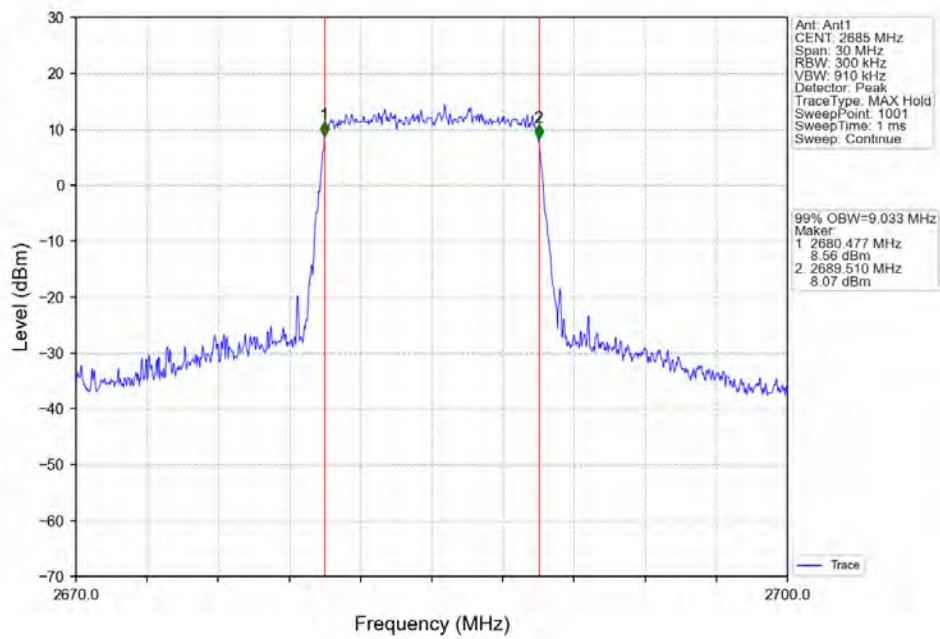




Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV

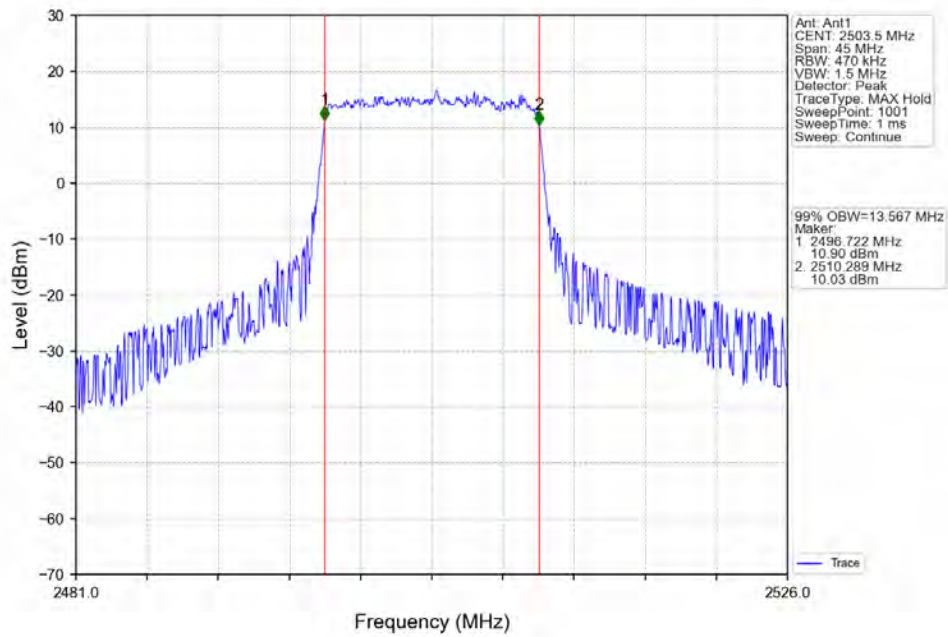


Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV

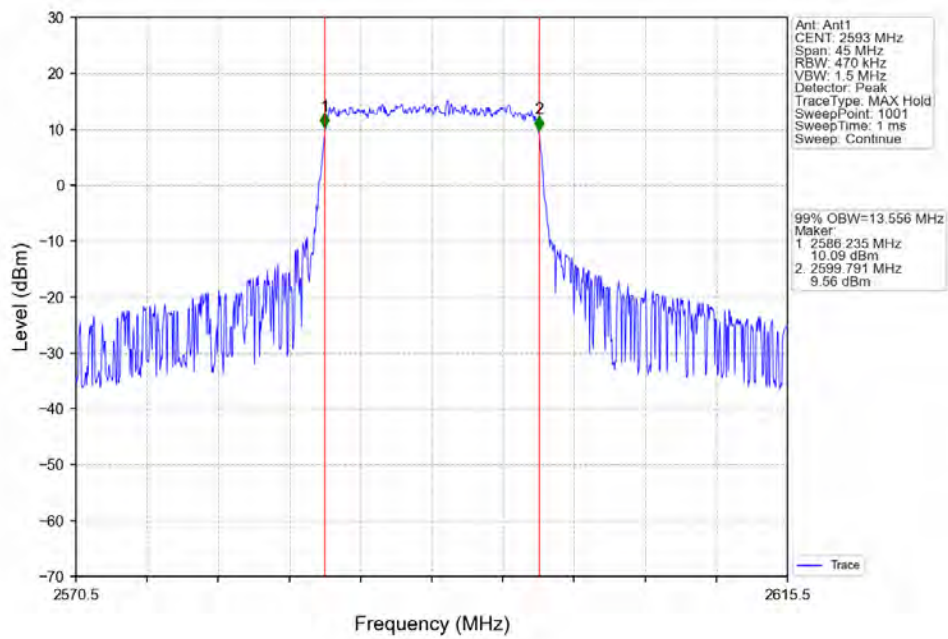




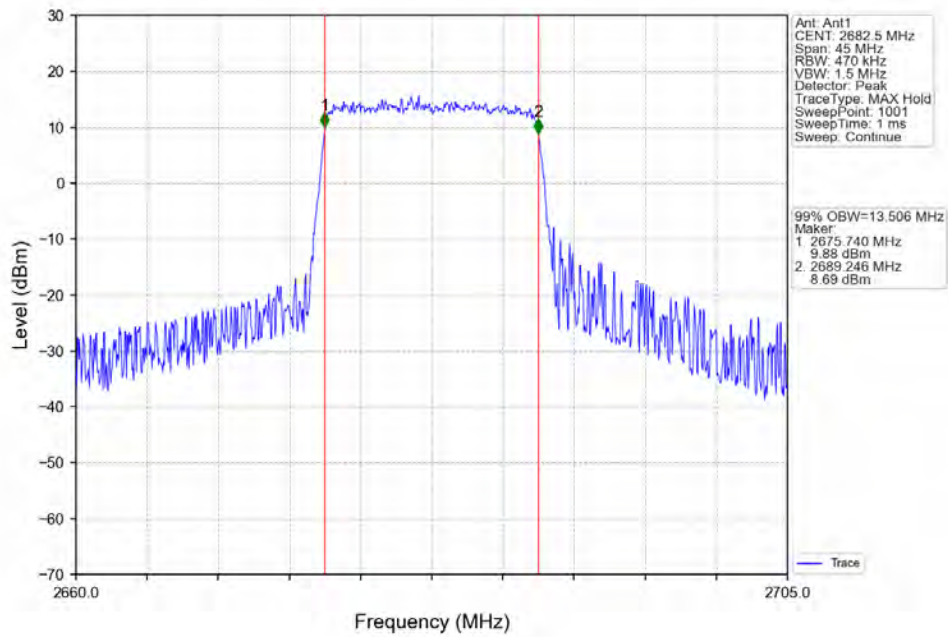
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTN



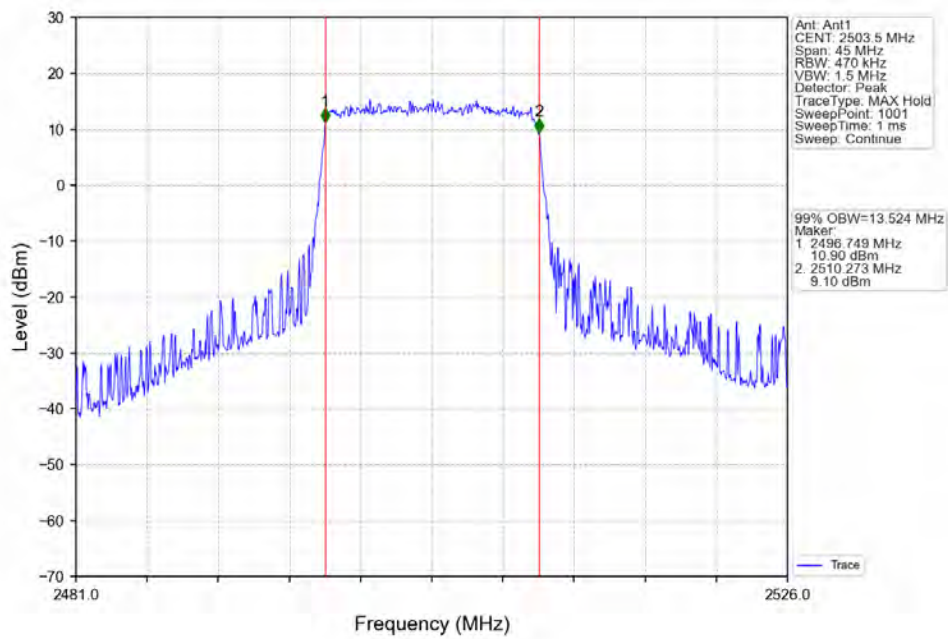
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTN



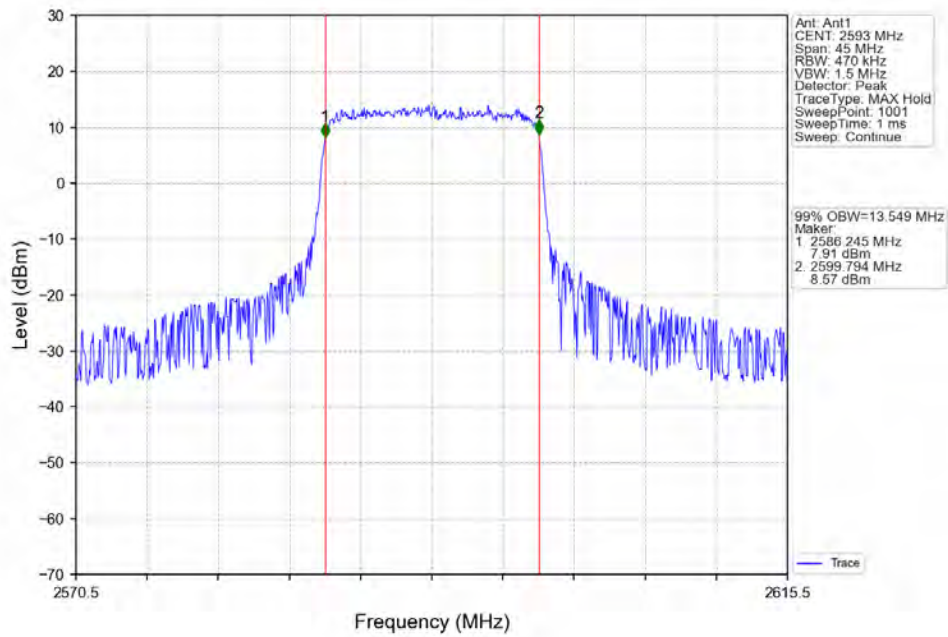
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



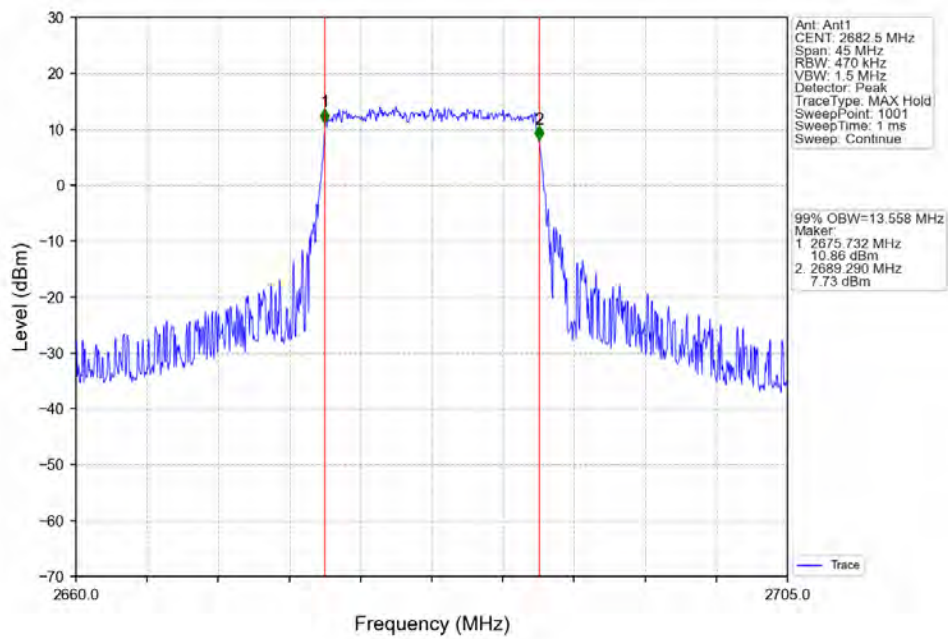
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



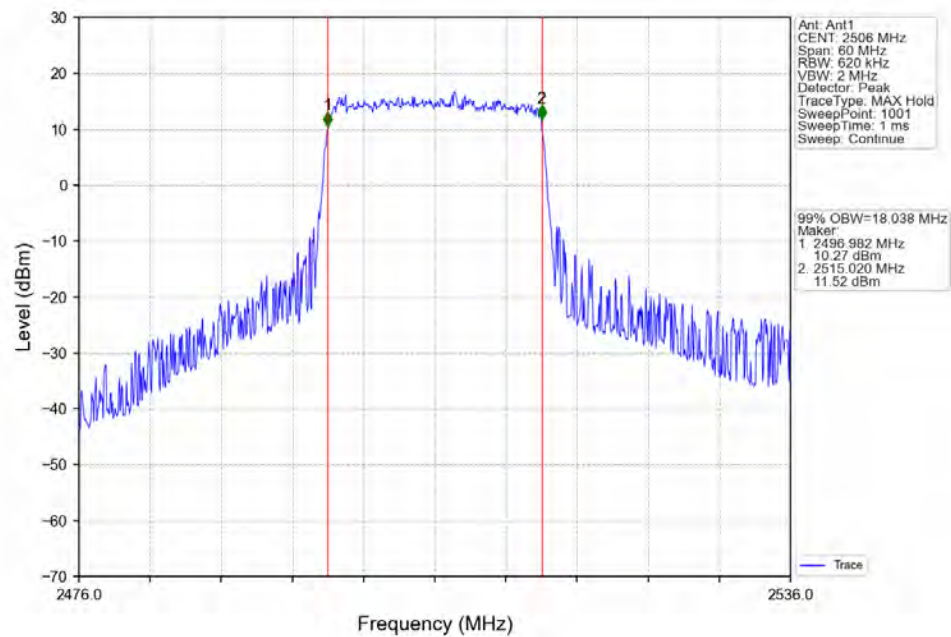
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



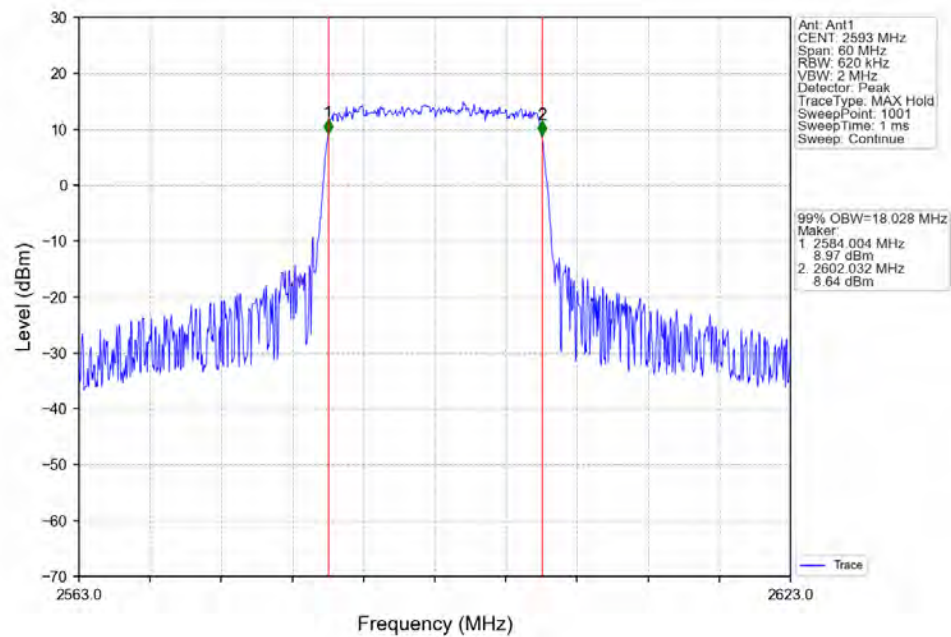
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



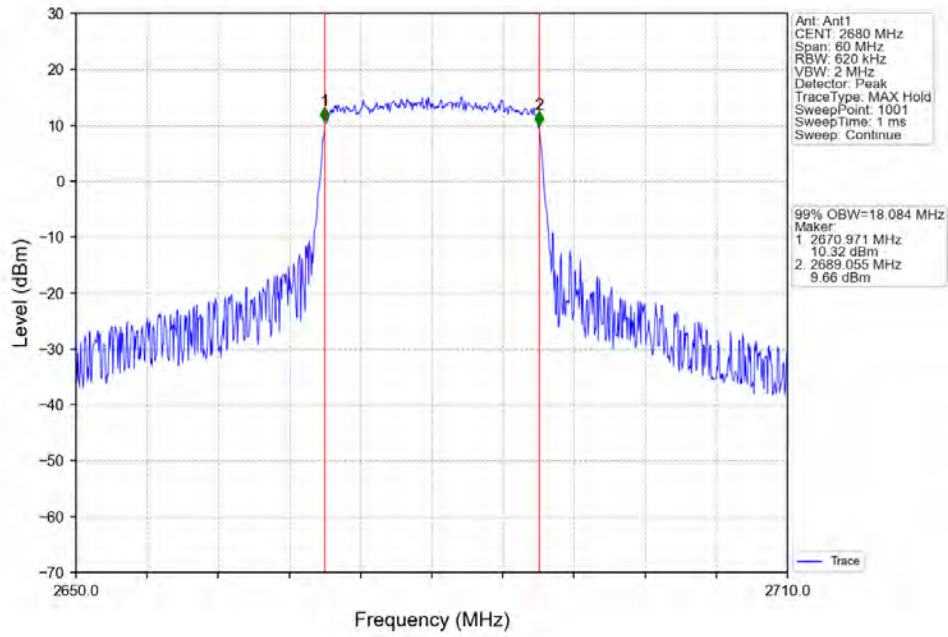
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



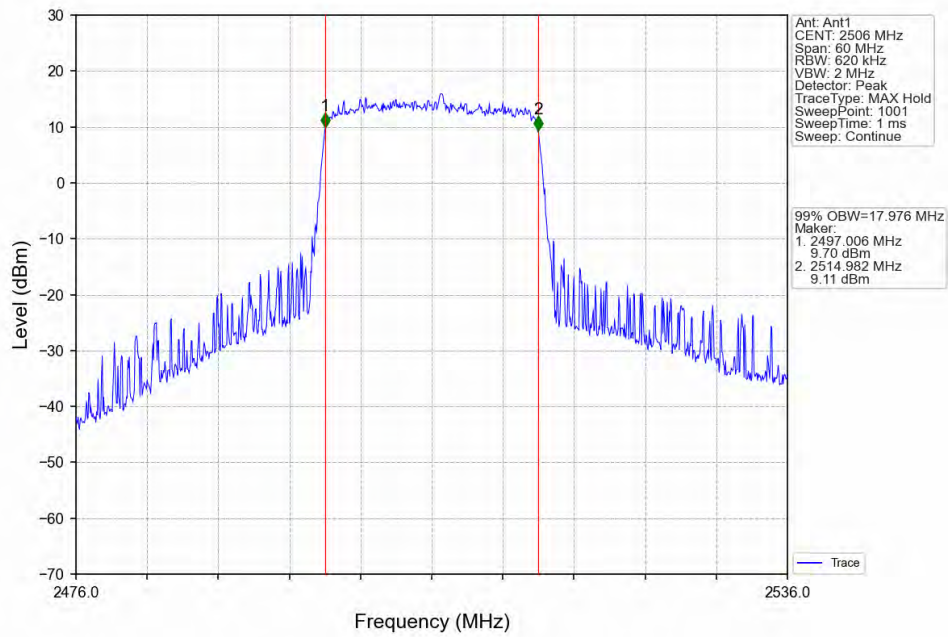
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV

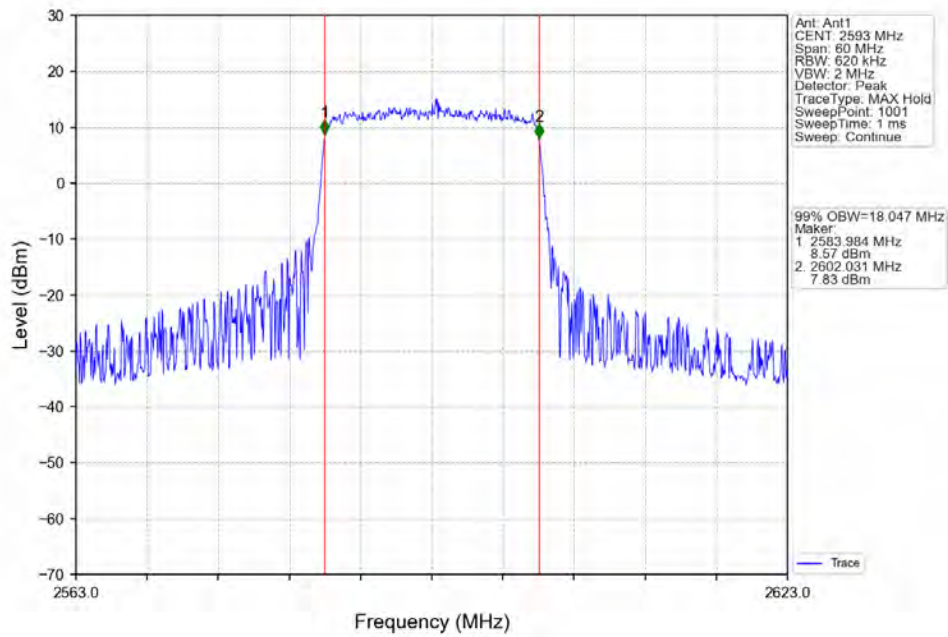


Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV

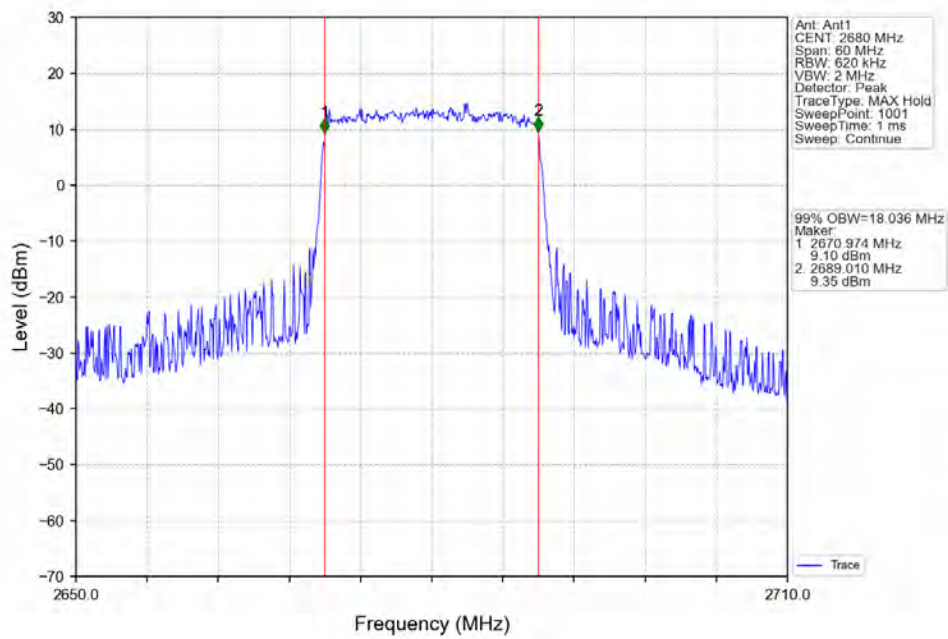




Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



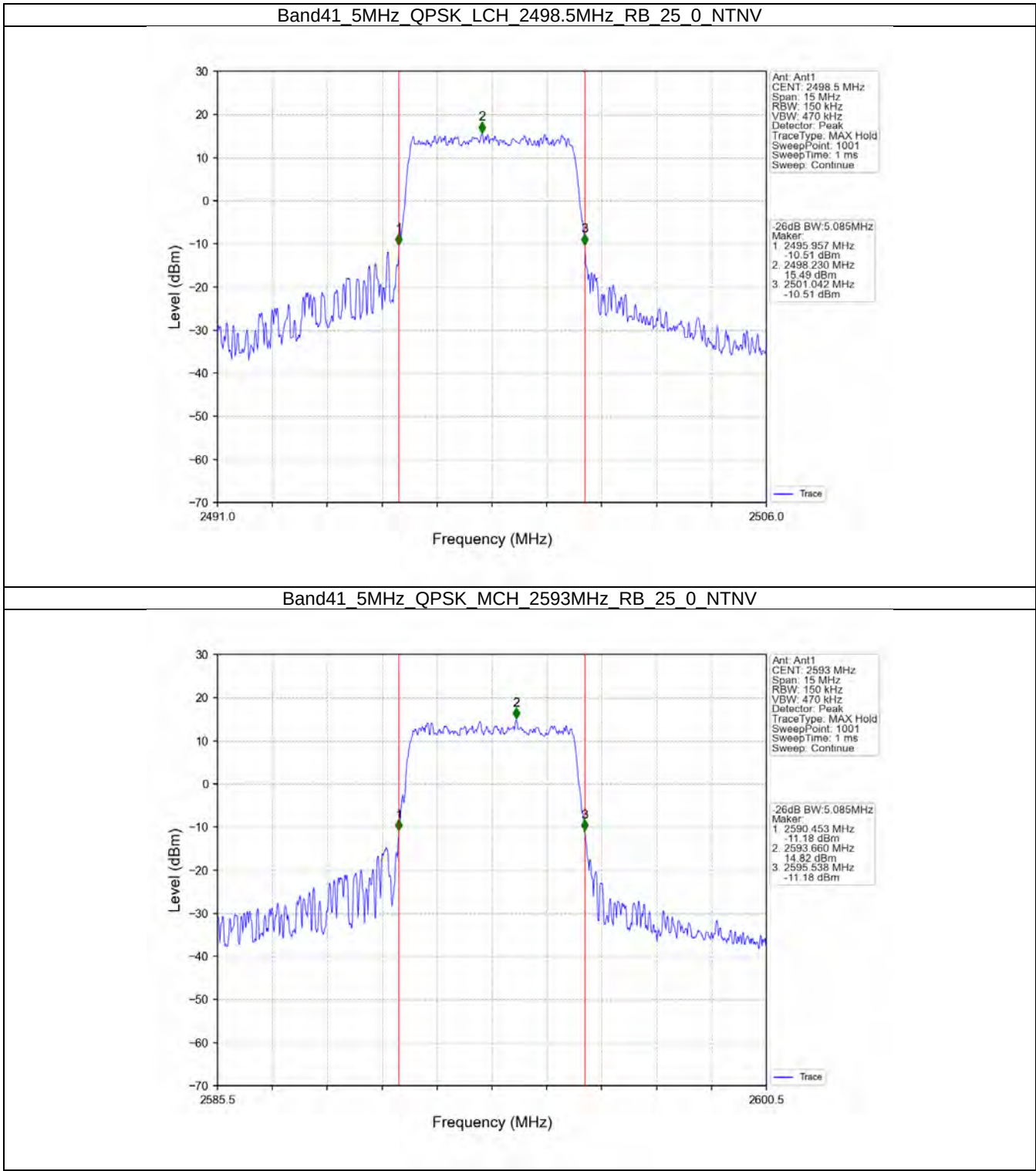


## 10.2 Band41\_XDB

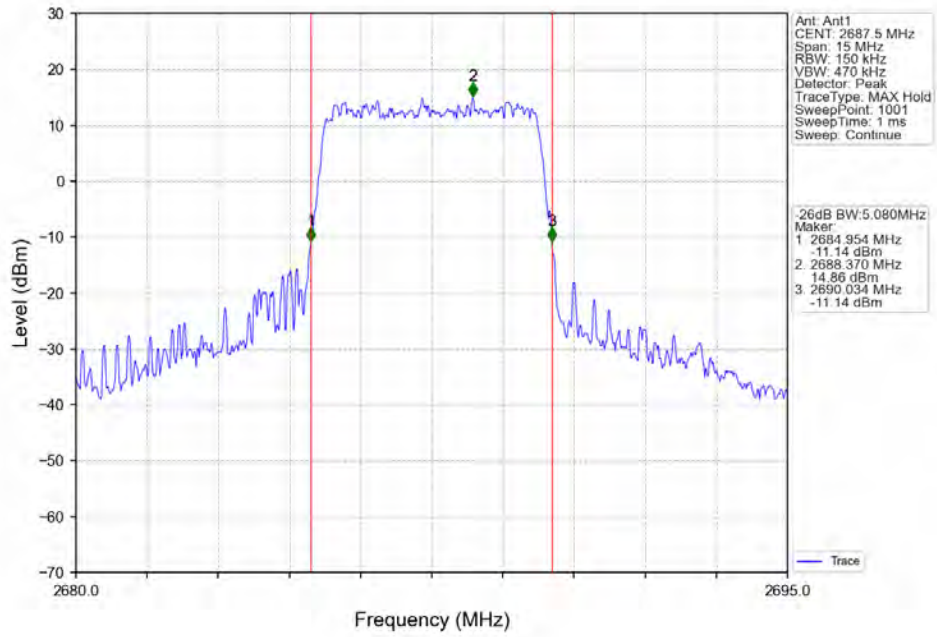
### 10.2.1 Test Result

| Band: 41 / NTNV |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 5.085                | Pass    |
|                 |            | 2593            | 25            | 0      | 5.085                | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.080                | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 5.073                | Pass    |
|                 |            | 2593            | 25            | 0      | 5.071                | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.054                | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 10.085               | Pass    |
|                 |            | 2593            | 50            | 0      | 10.062               | Pass    |
|                 |            | 2685            | 50            | 0      | 9.970                | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 10.017               | Pass    |
|                 |            | 2593            | 50            | 0      | 9.889                | Pass    |
|                 |            | 2685            | 50            | 0      | 9.937                | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 15.568               | Pass    |
|                 |            | 2593            | 75            | 0      | 15.919               | Pass    |
|                 |            | 2682.5          | 75            | 0      | 15.637               | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 15.144               | Pass    |
|                 |            | 2593            | 75            | 0      | 15.638               | Pass    |
|                 |            | 2682.5          | 75            | 0      | 16.487               | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 21.073               | Pass    |
|                 |            | 2593            | 100           | 0      | 20.204               | Pass    |
|                 |            | 2680            | 100           | 0      | 20.592               | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 19.863               | Pass    |
|                 |            | 2593            | 100           | 0      | 20.550               | Pass    |
|                 |            | 2680            | 100           | 0      | 20.404               | Pass    |

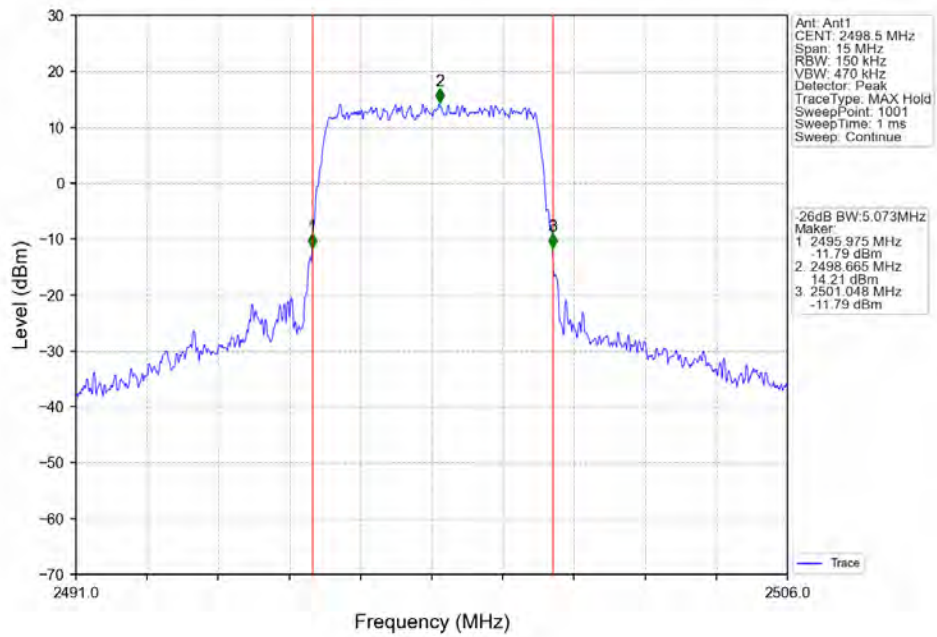
# 10.2.2 Test Graph



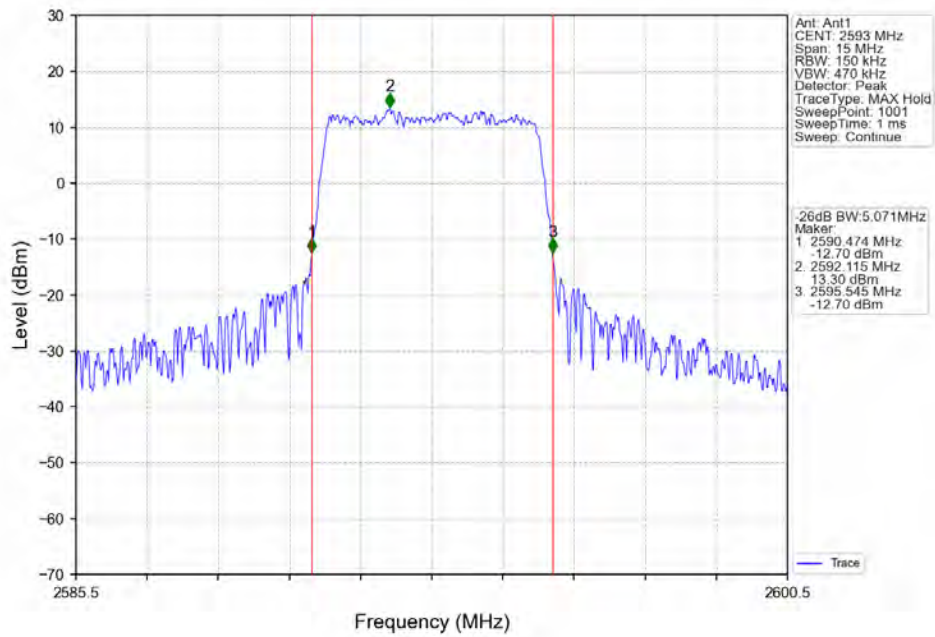
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



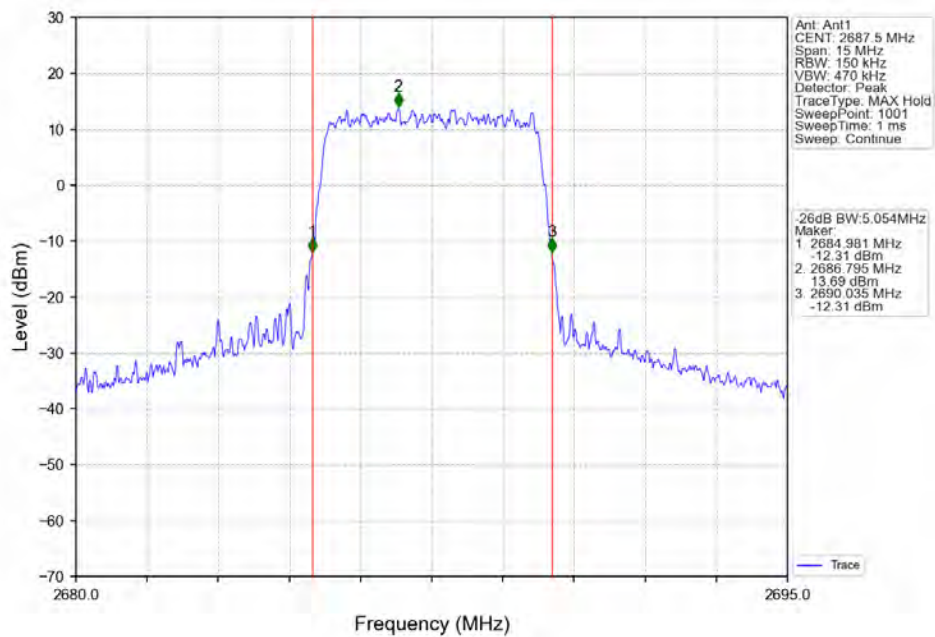
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



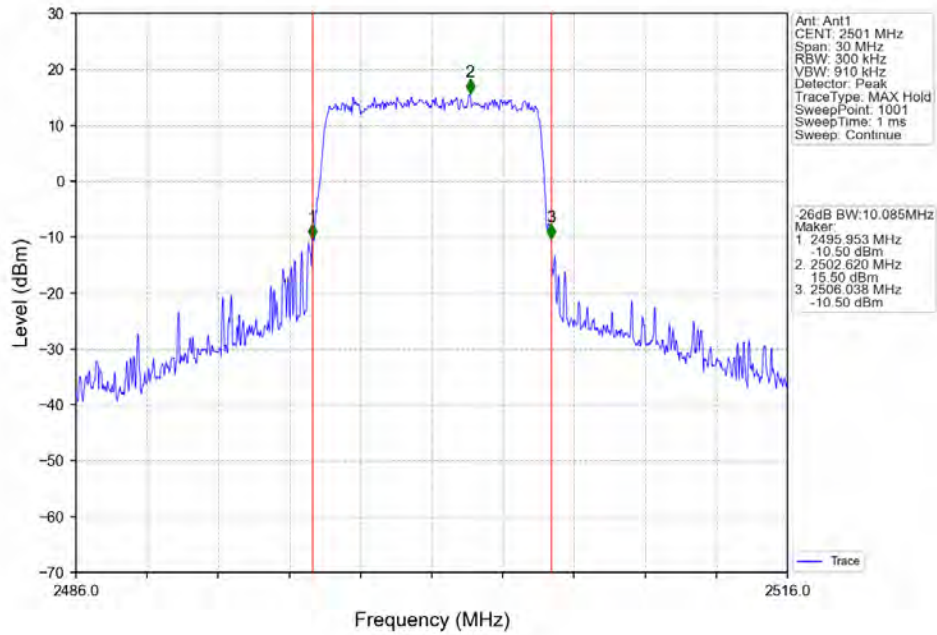
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



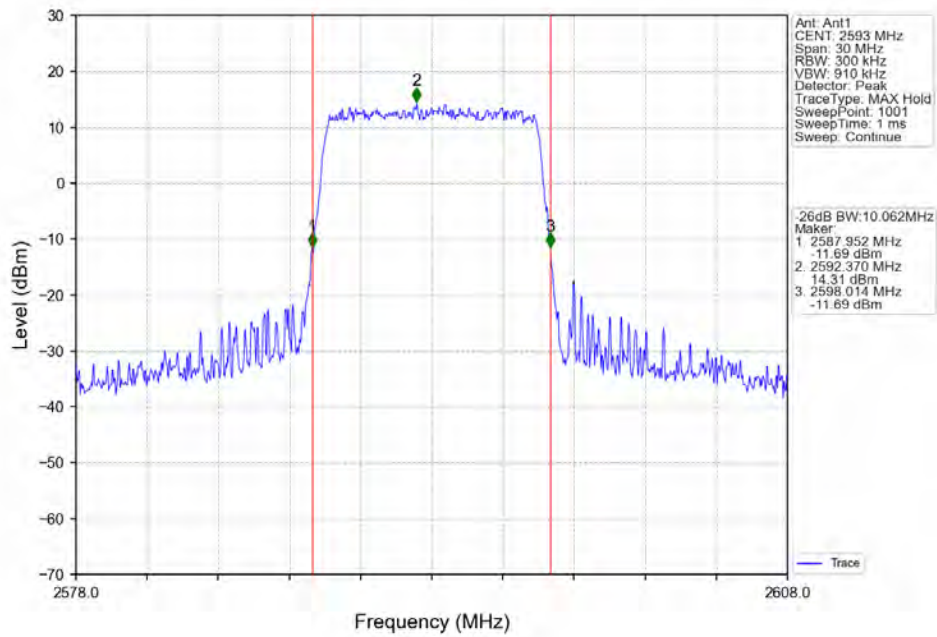
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



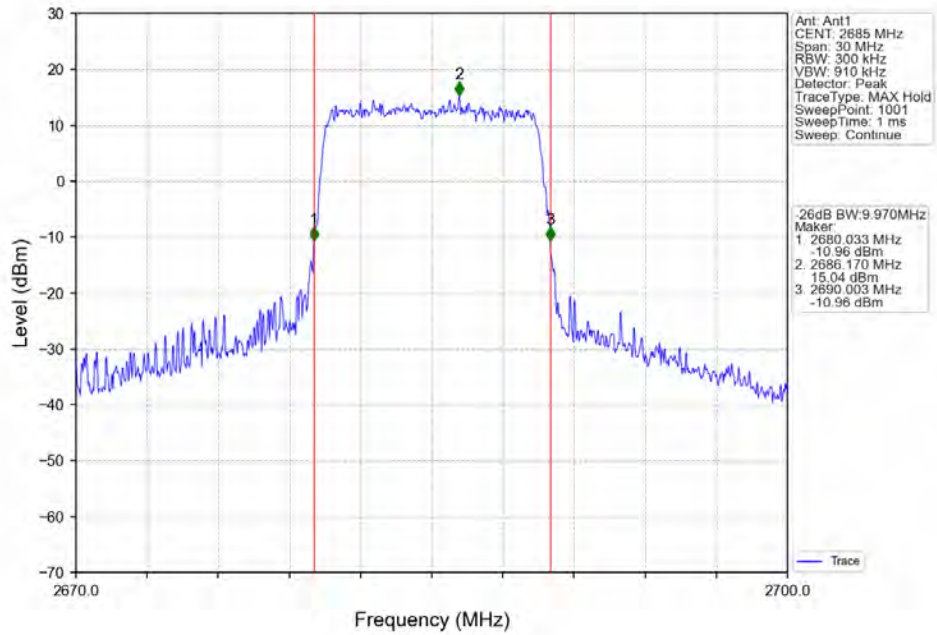
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTN



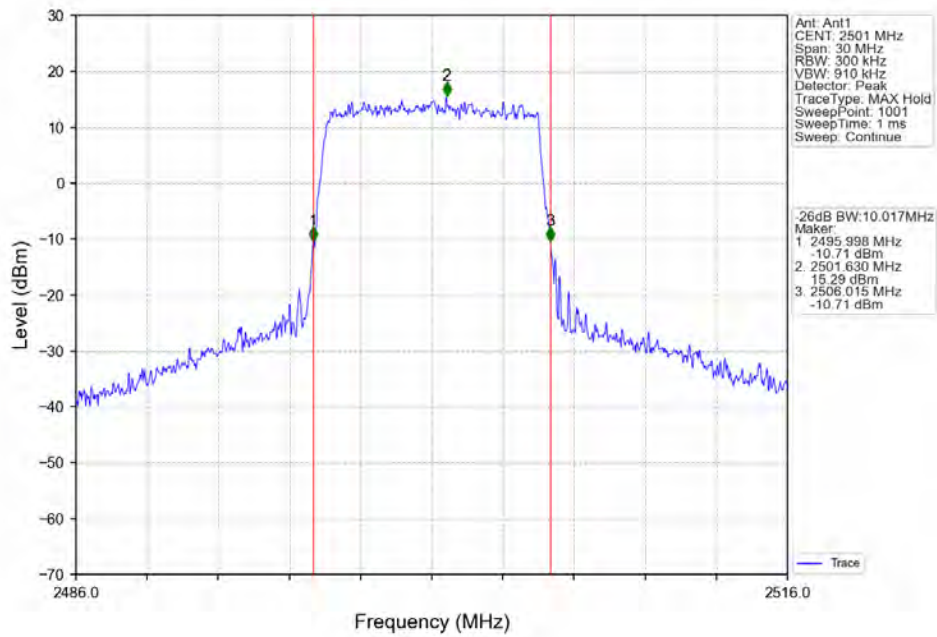
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTN



Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV

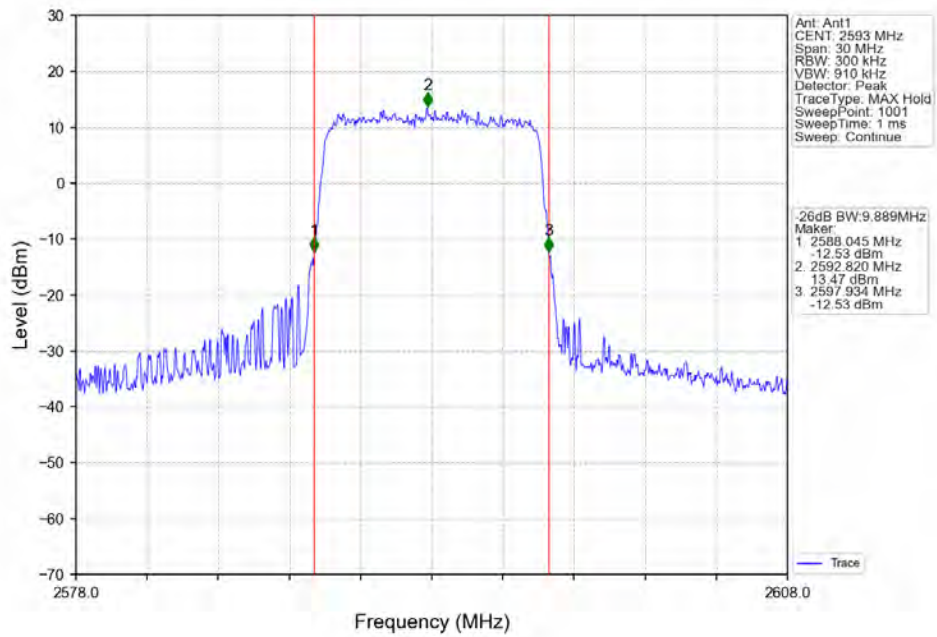


Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTNV

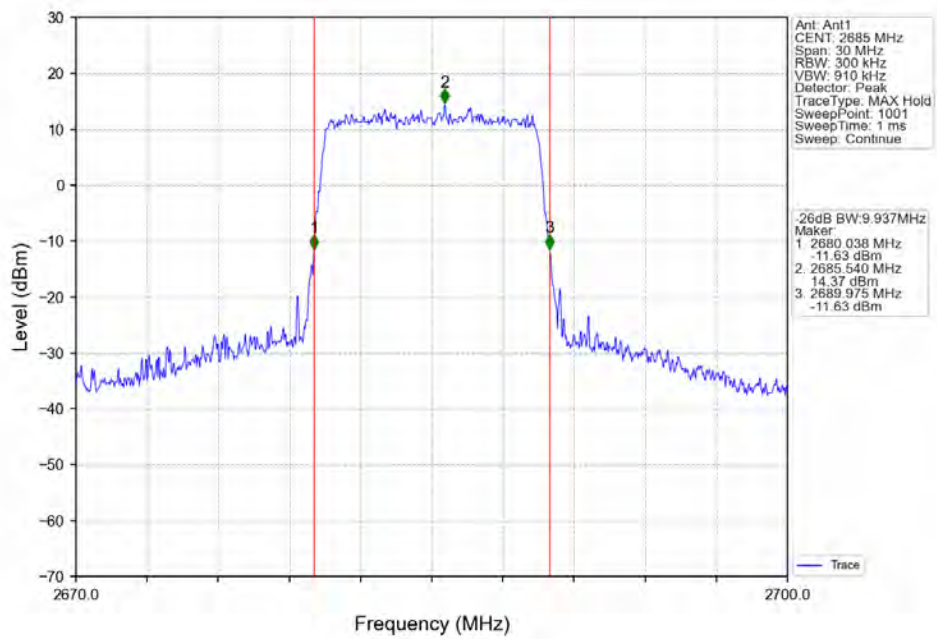




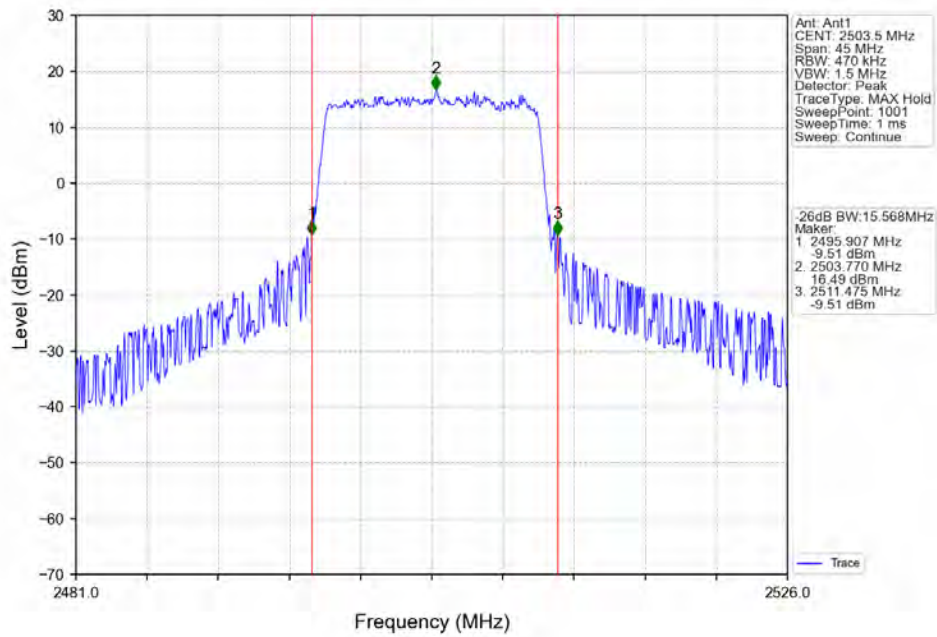
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



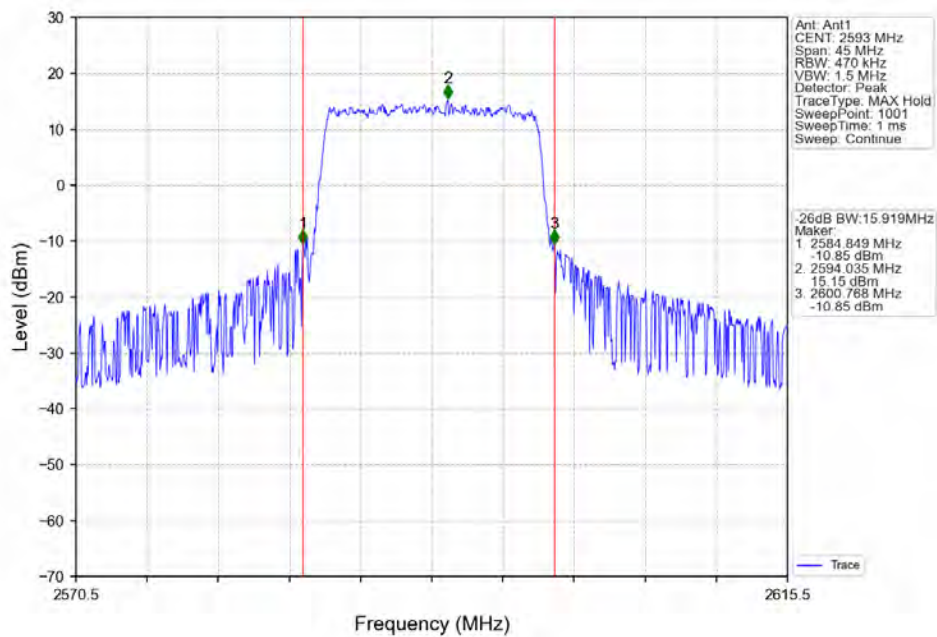
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



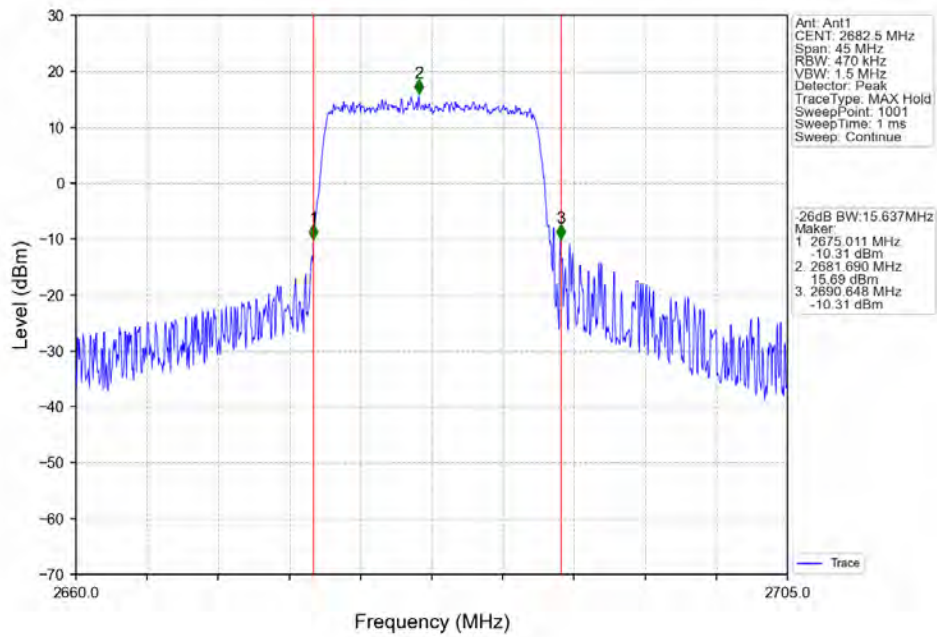
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



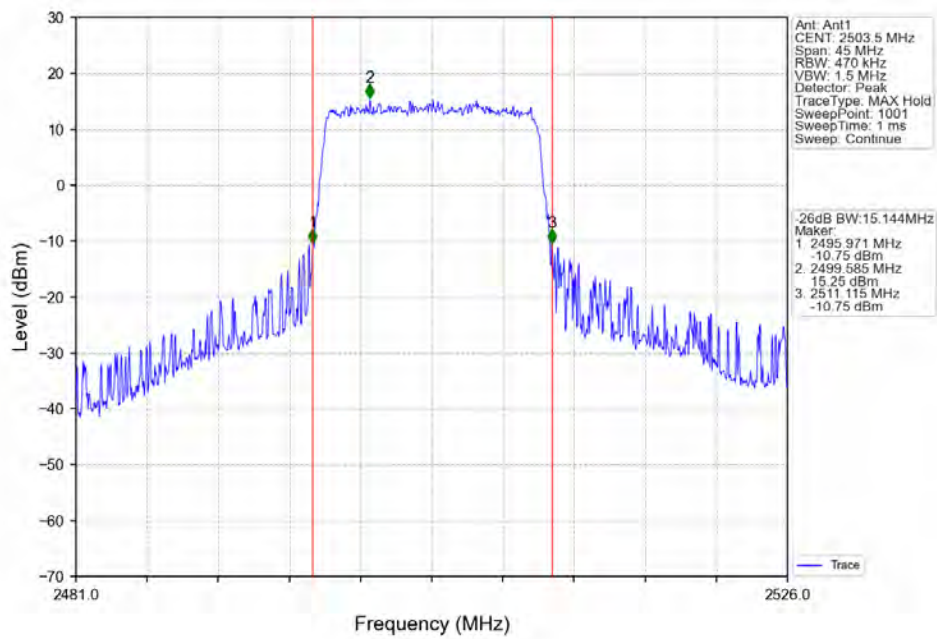
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



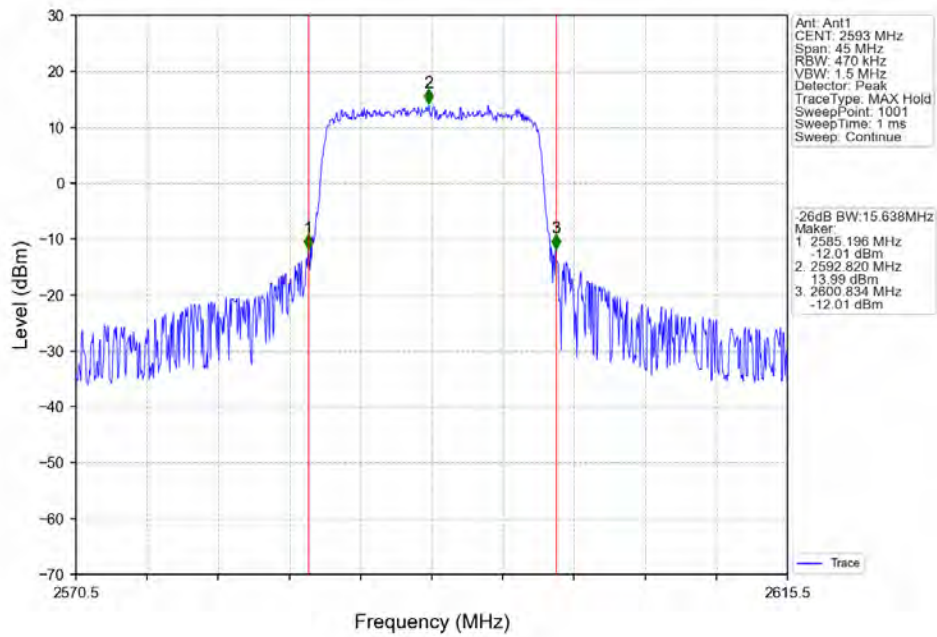
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



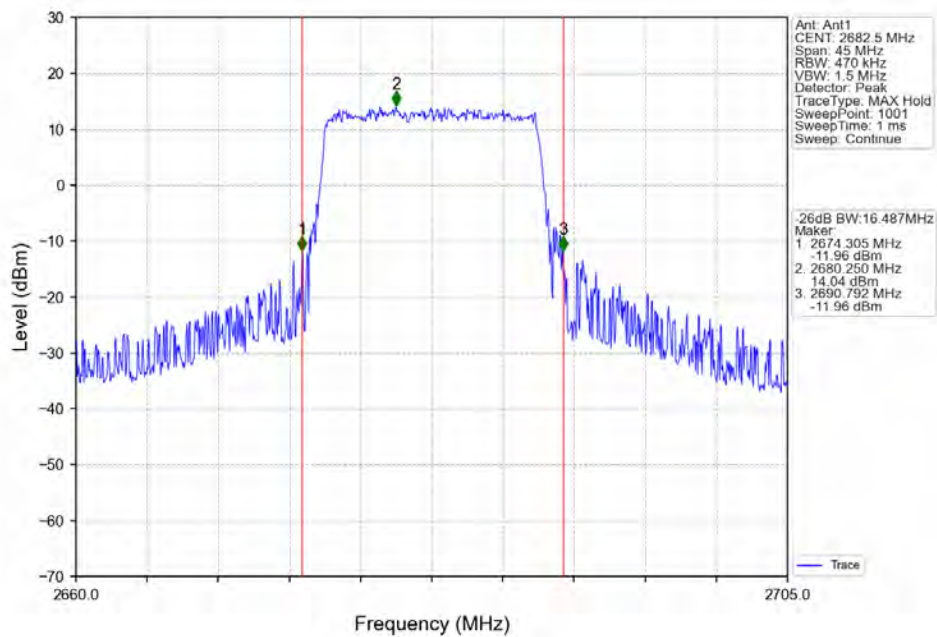
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



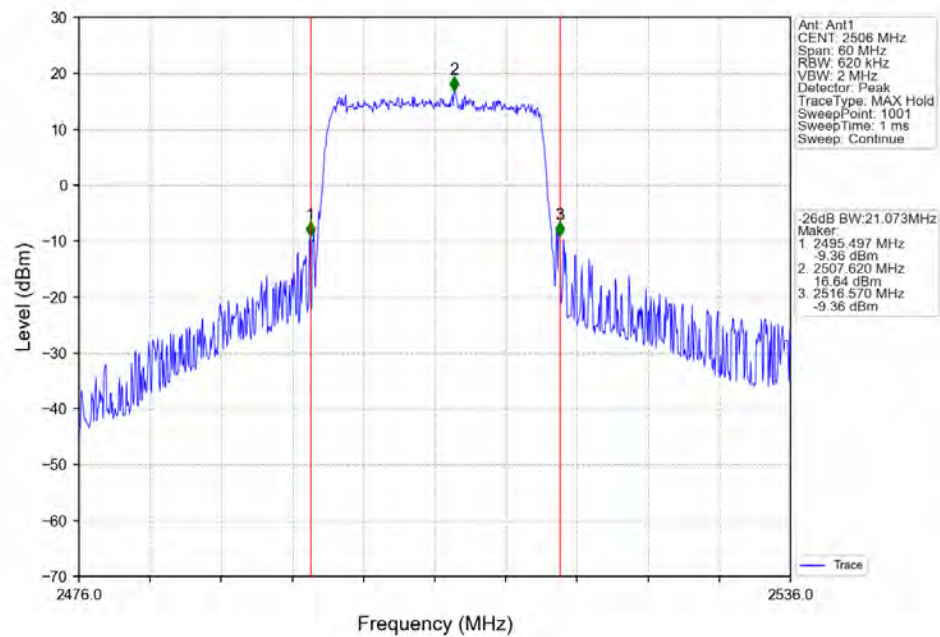
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



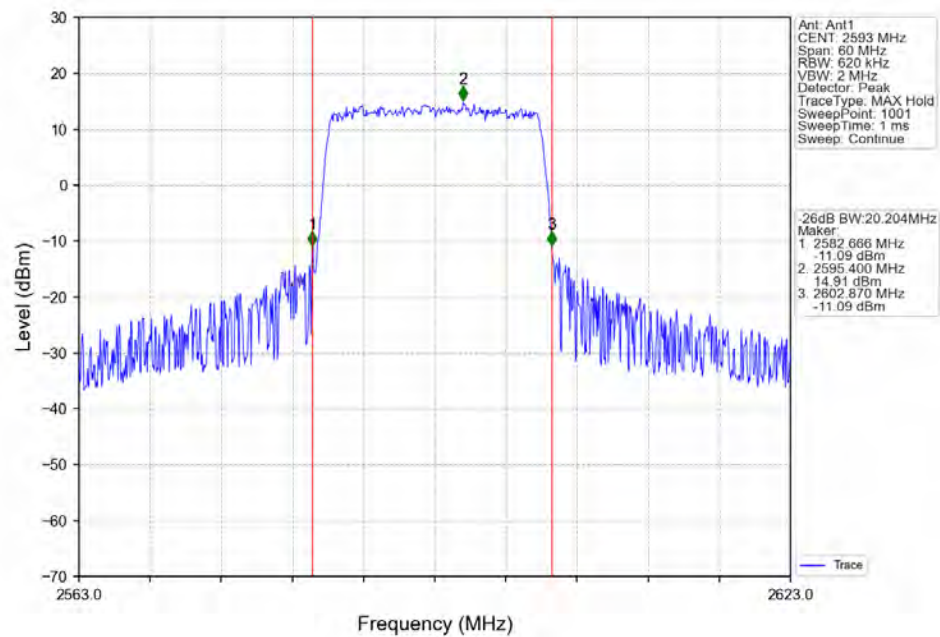
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV

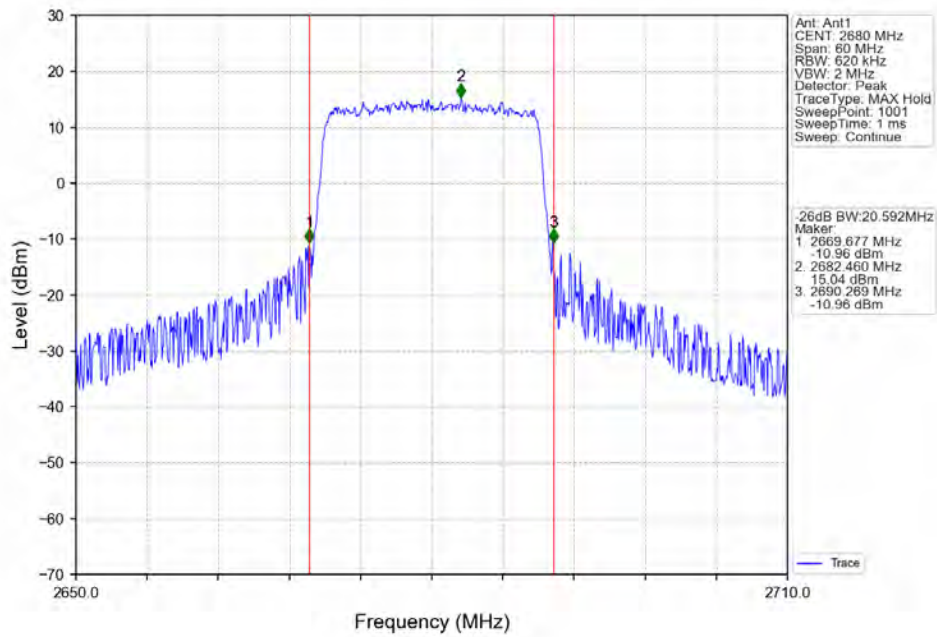


Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV

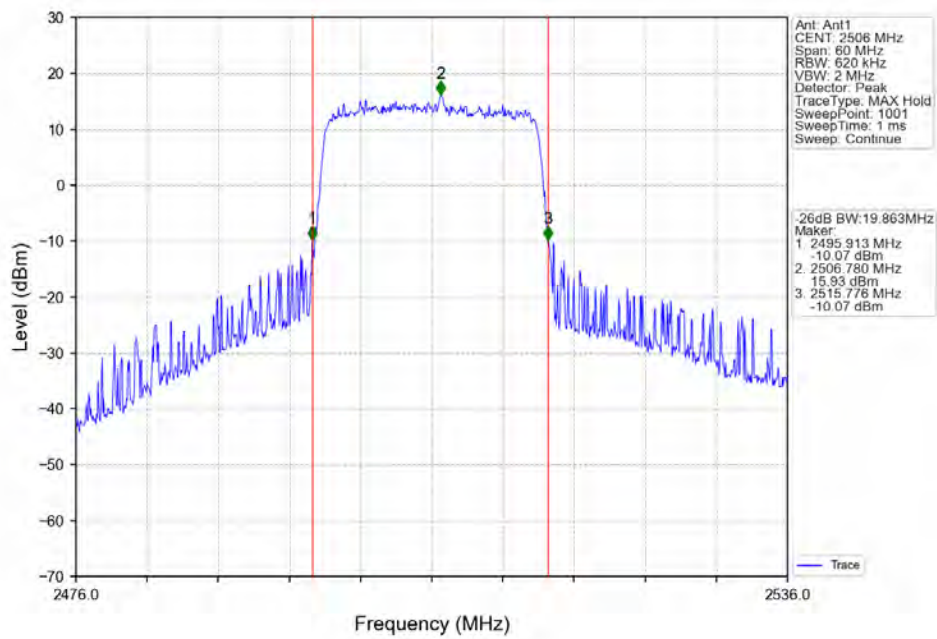




Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN

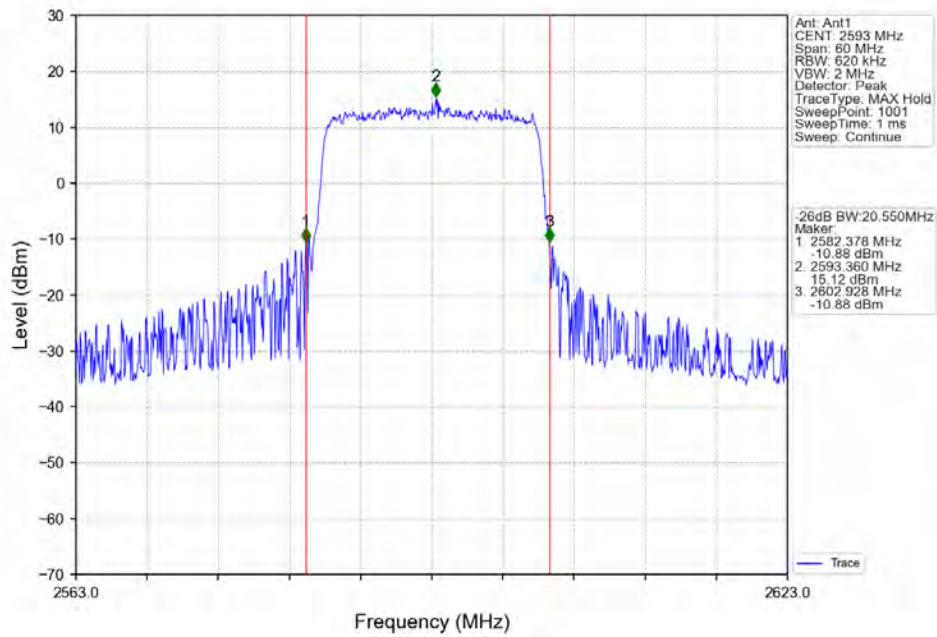


Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN

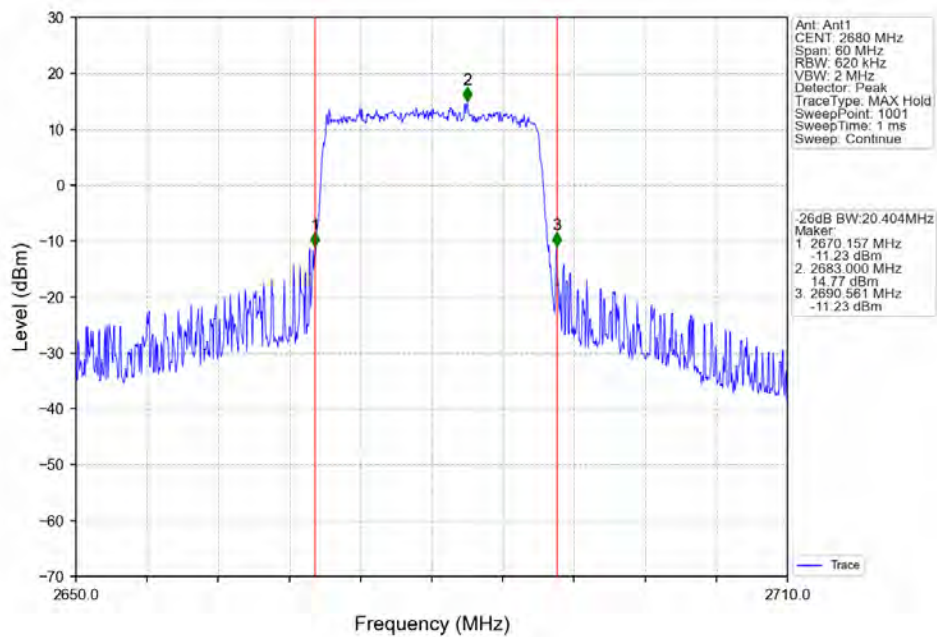




Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



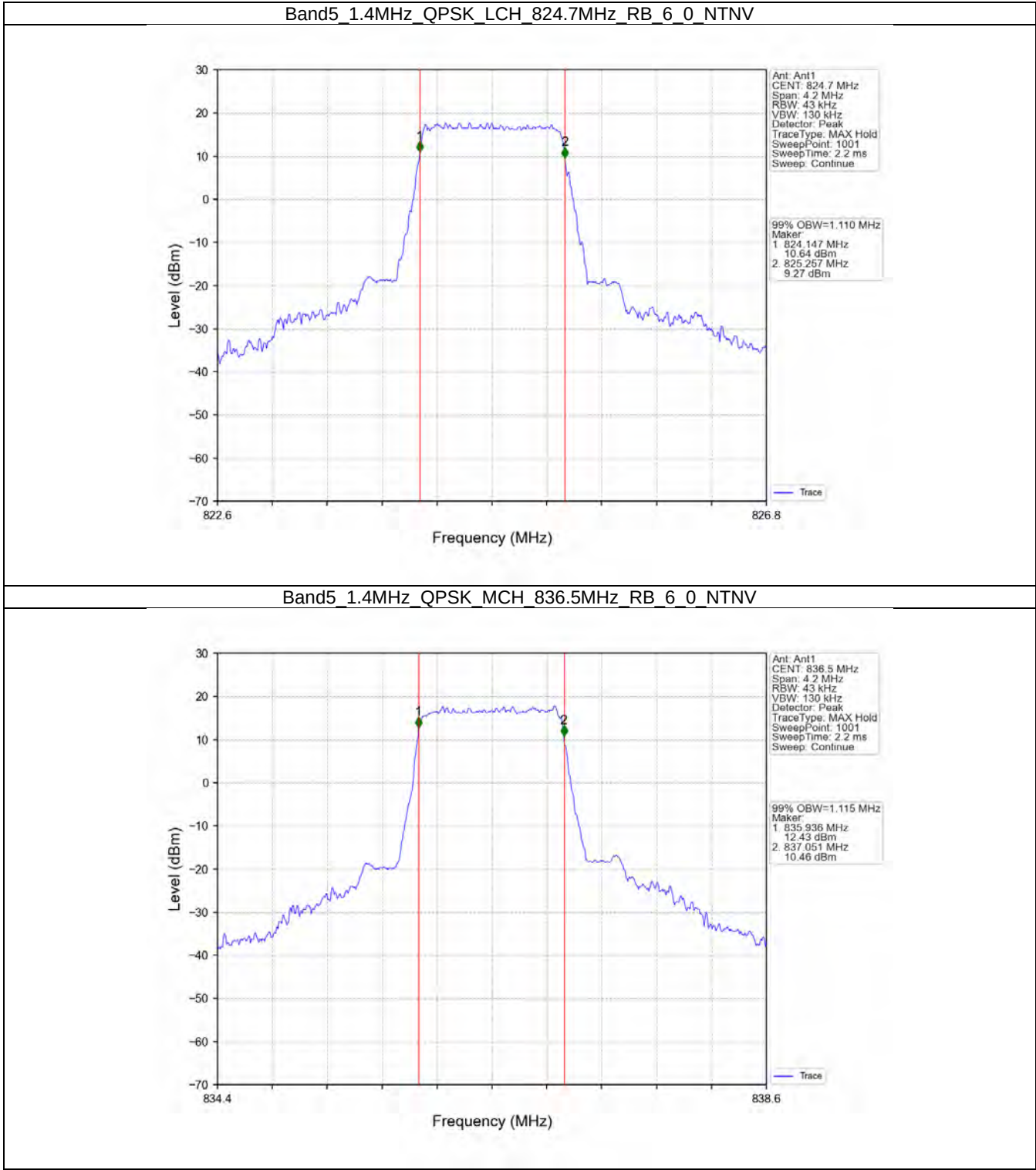
## 11. 99% & 26dB Bandwidth

### 11.1 Band5\_OBW

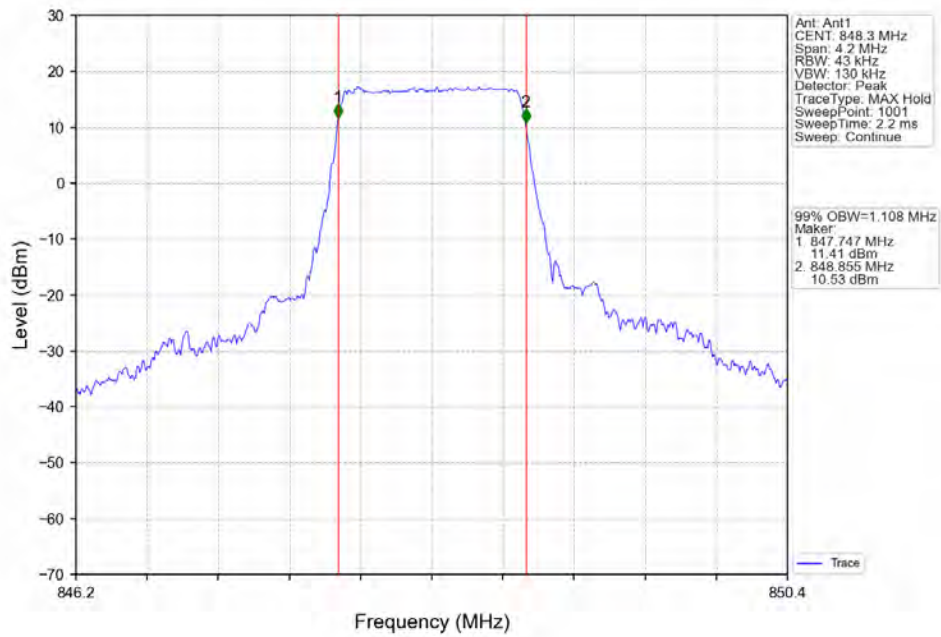
#### 11.1.1 Test Result

| Band: 5 / NTNV  |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.110                        | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.115                        | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.108                        | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.106                        | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.114                        | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.112                        | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.743                        | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.747                        | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.743                        | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.749                        | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.735                        | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.737                        | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.554                        | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.553                        | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.557                        | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.540                        | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.572                        | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.553                        | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.009                        | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.052                        | Pass    |
|                 |            | 844             | 50            | 0      | 9.024                        | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.031                        | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.048                        | Pass    |
|                 |            | 844             | 50            | 0      | 9.049                        | Pass    |

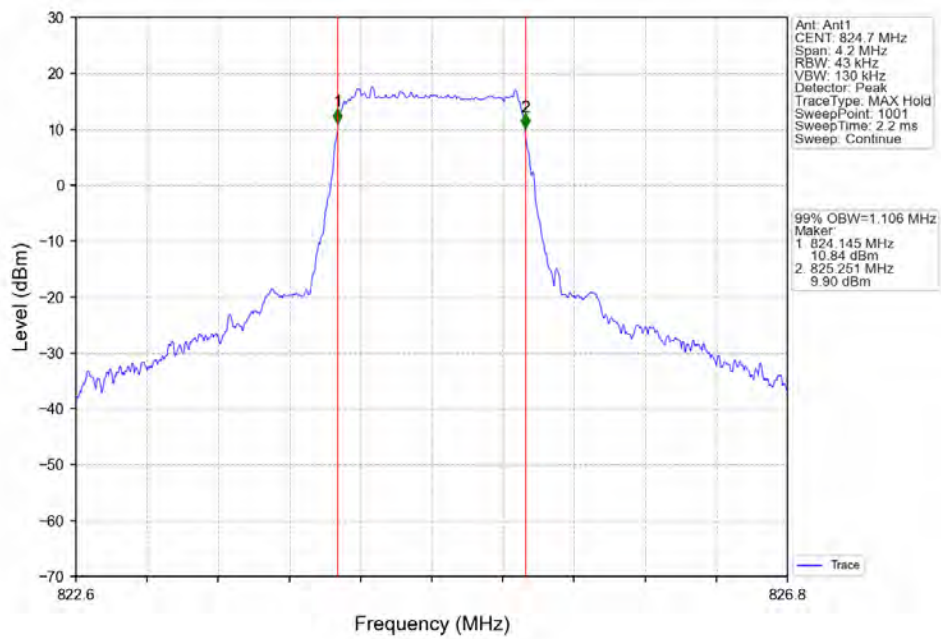
11.1.2 Test Graph



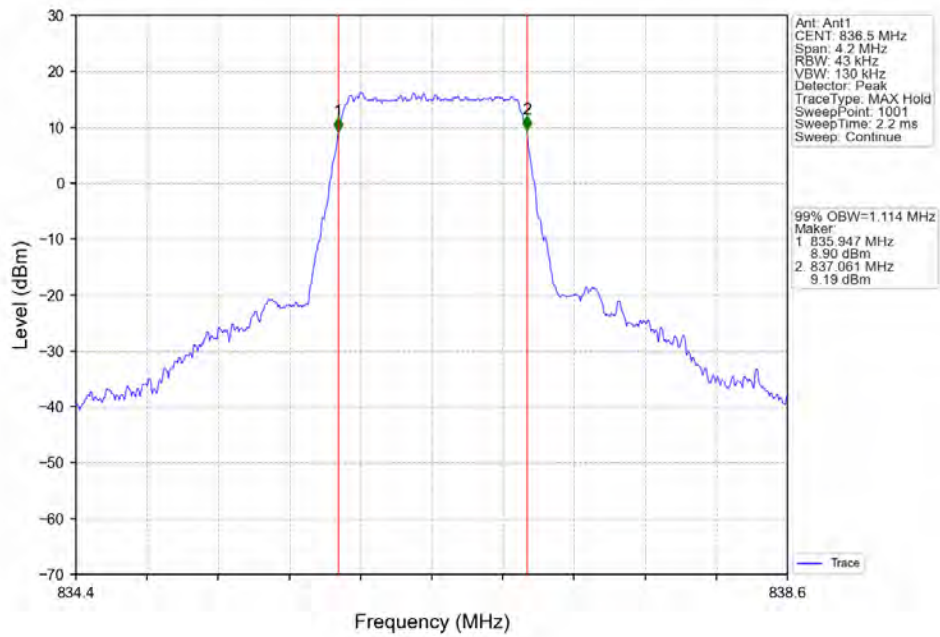
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



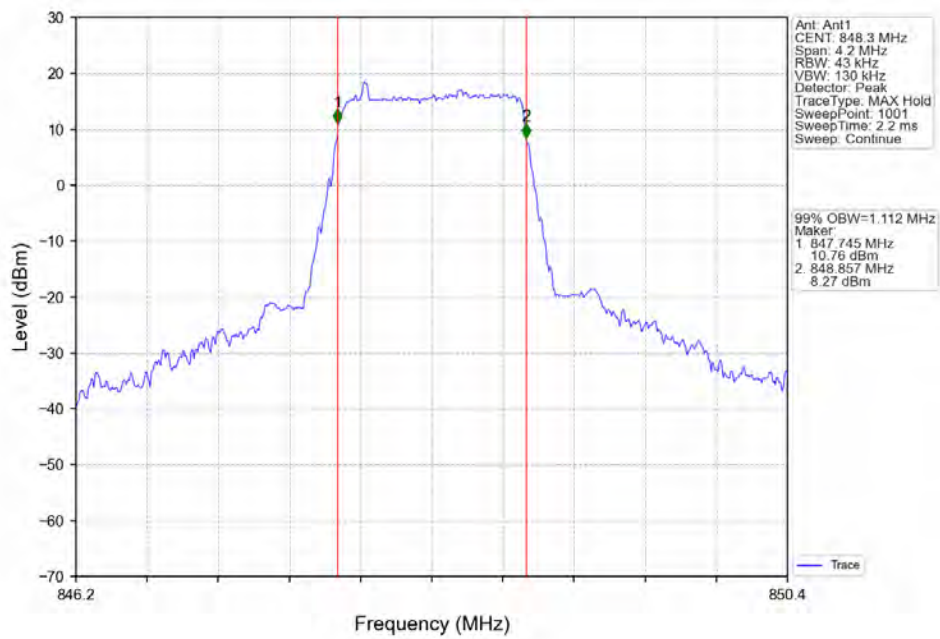
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV

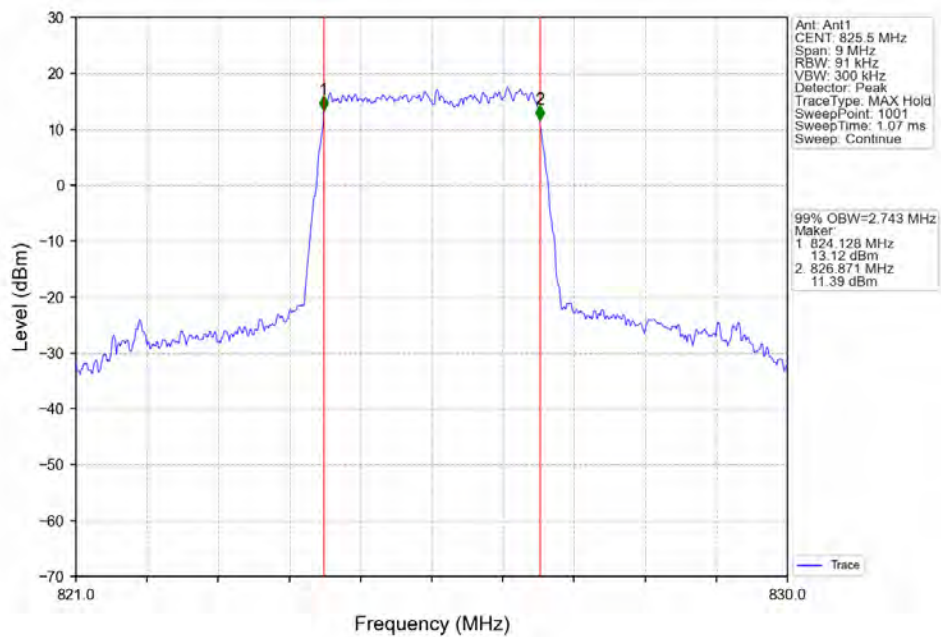


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV

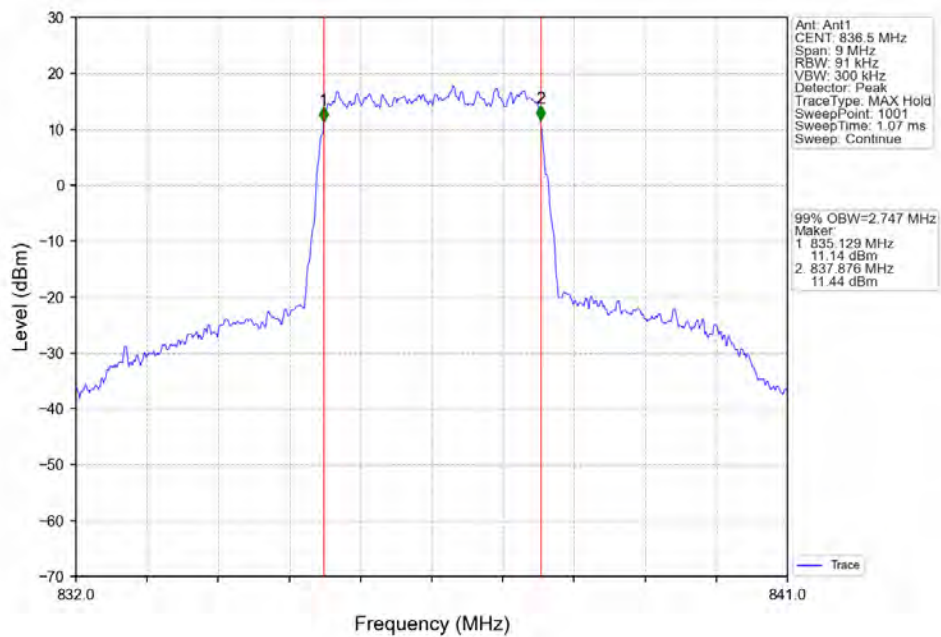




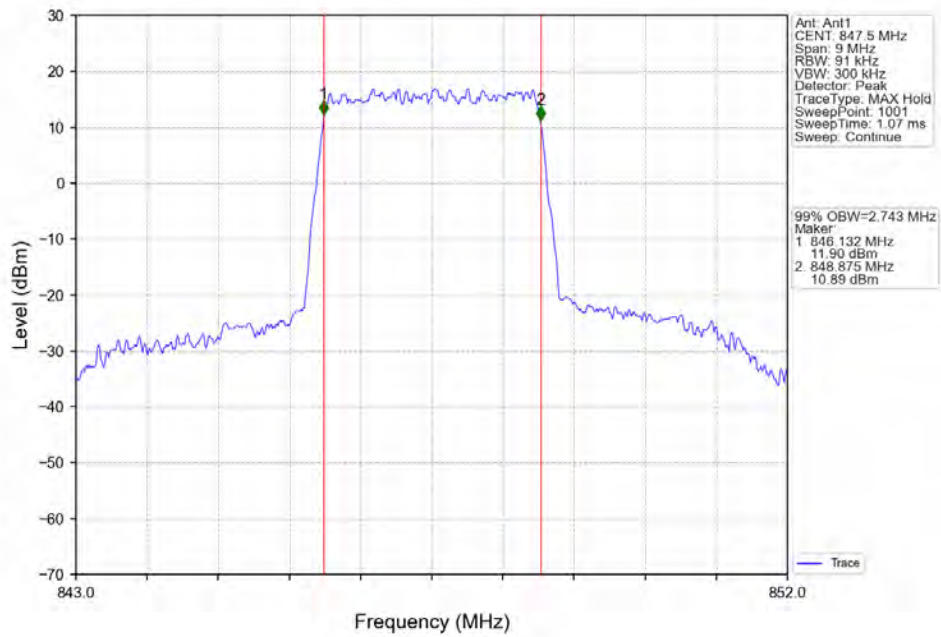
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



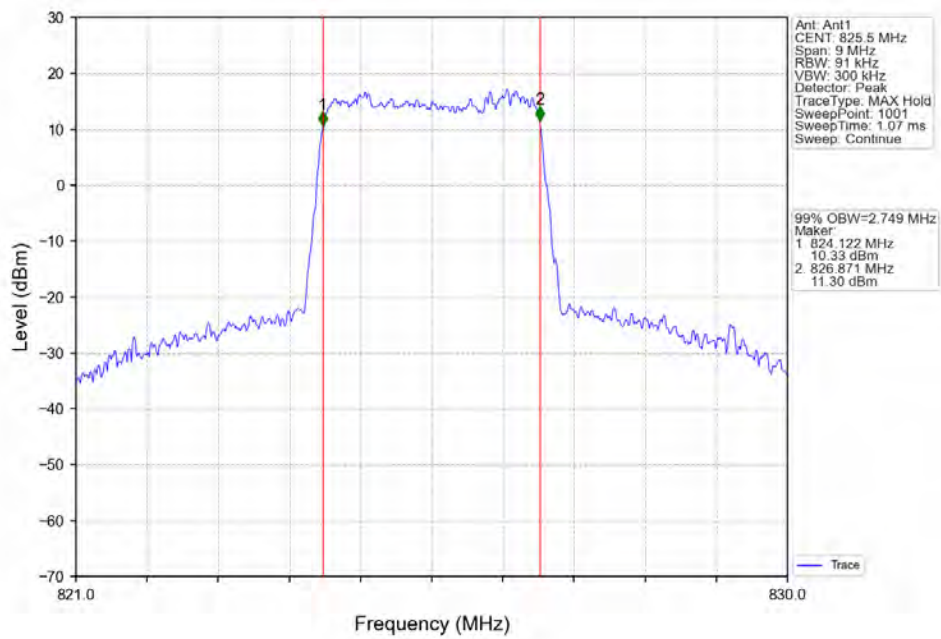
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



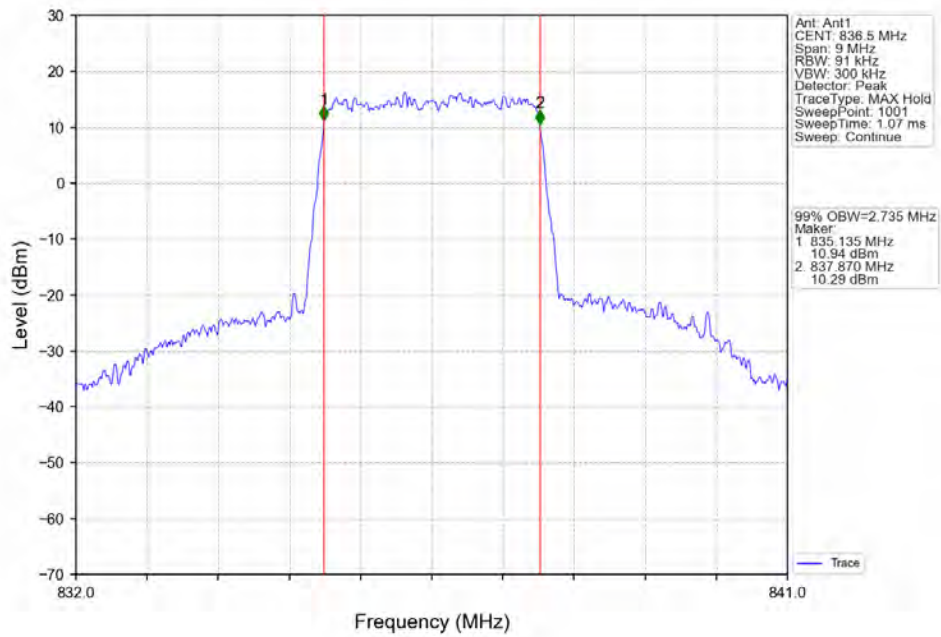
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



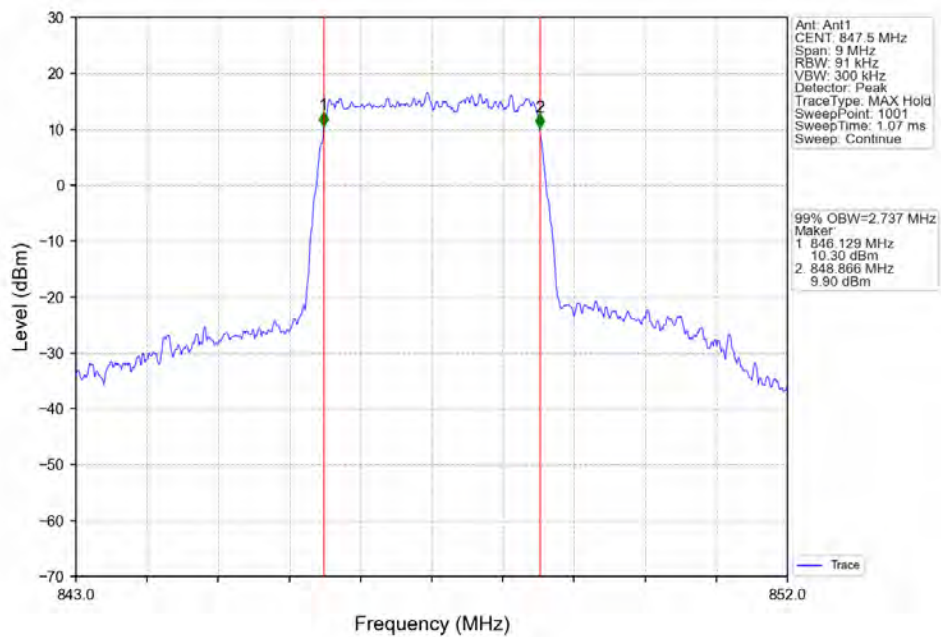
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



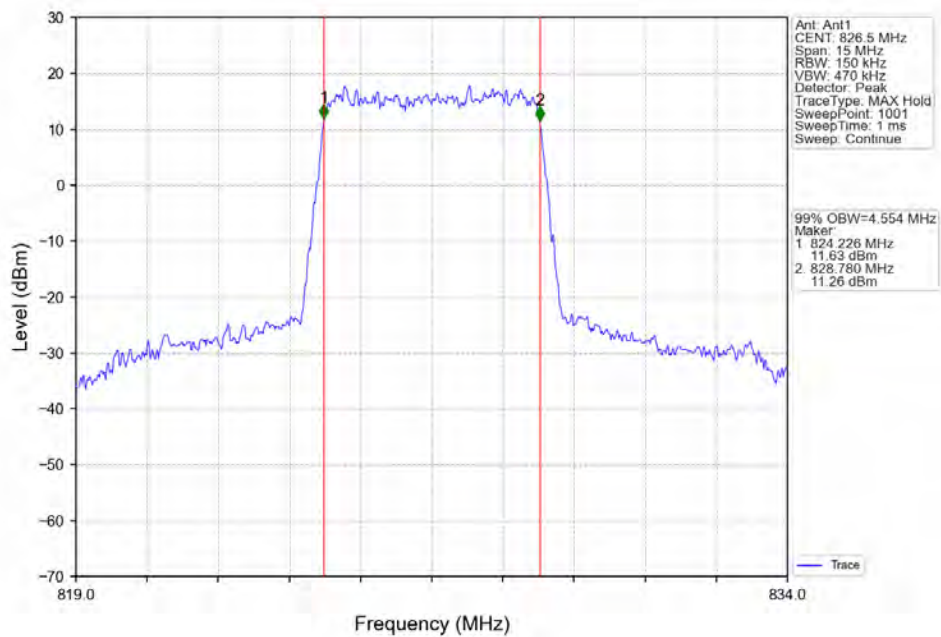
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



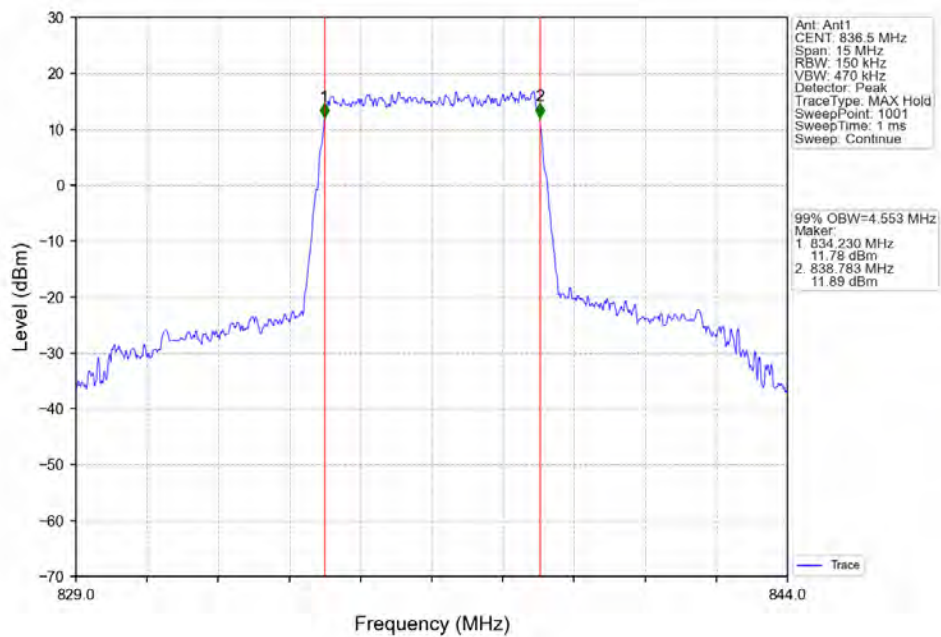
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



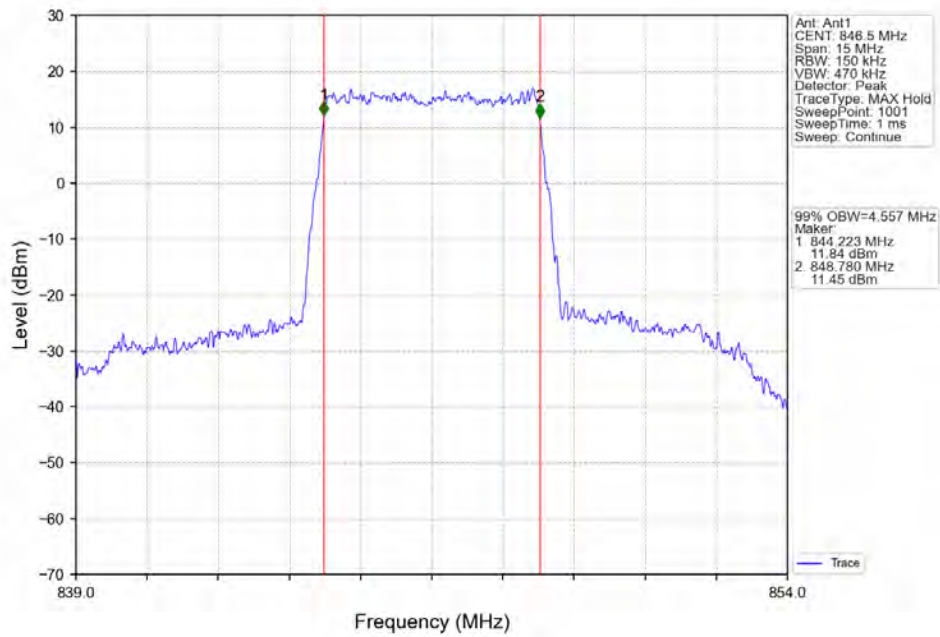
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



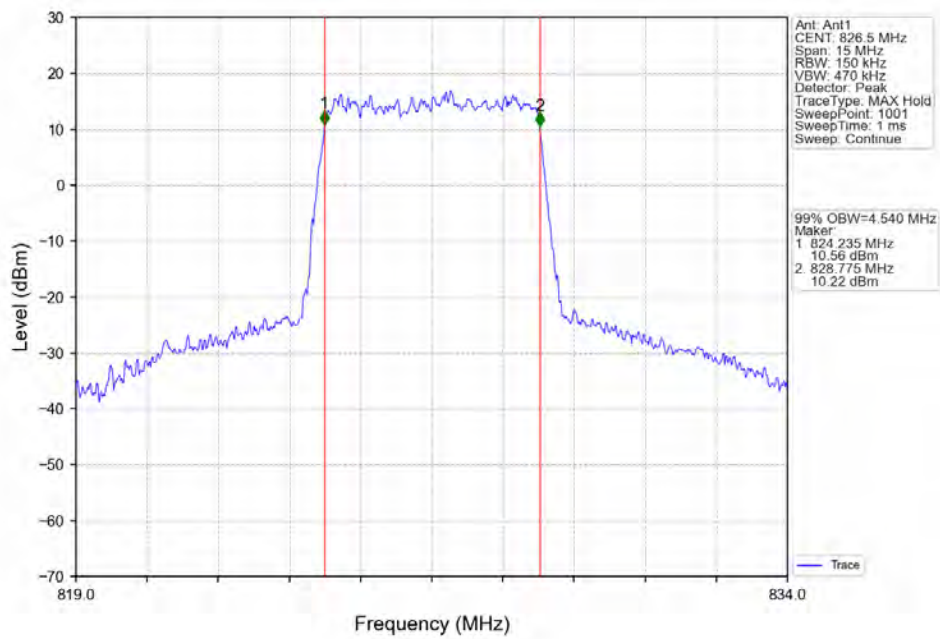
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN

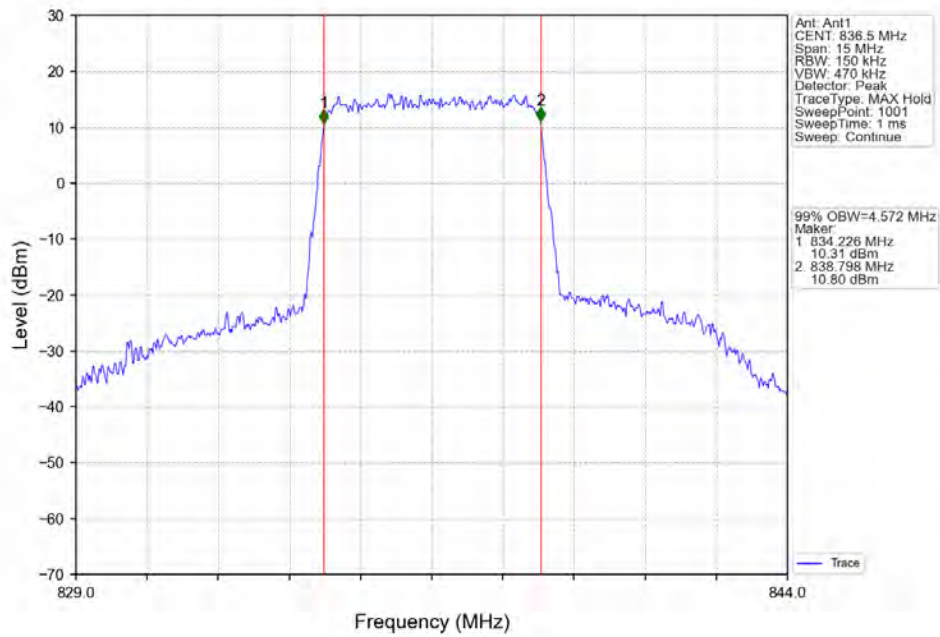


Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN

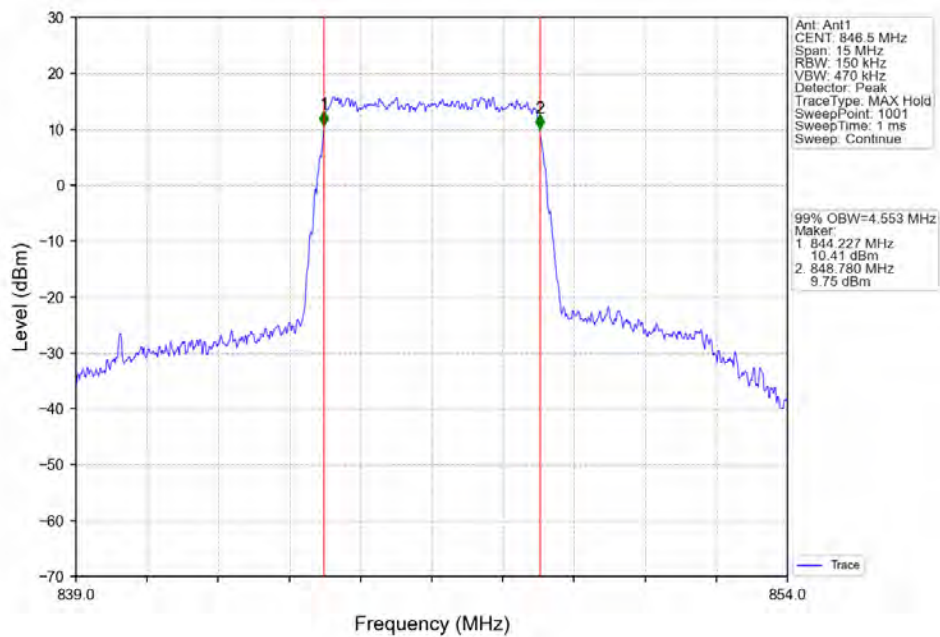




Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV

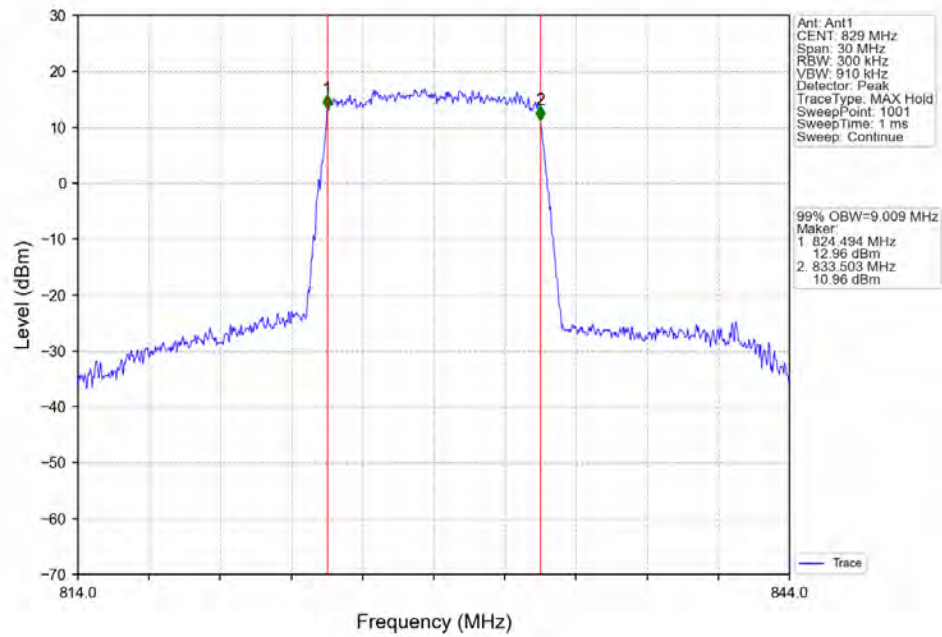


Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV

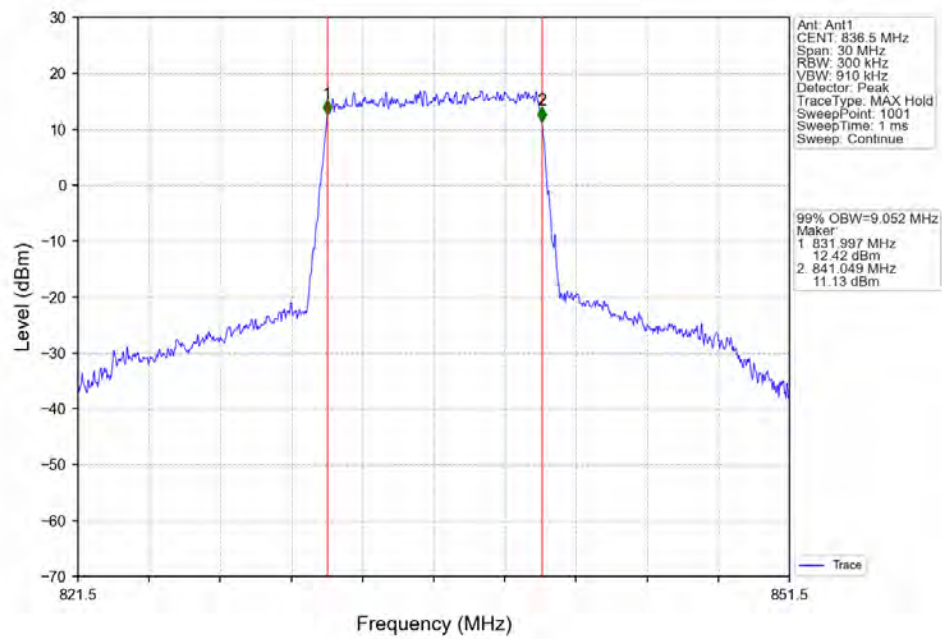




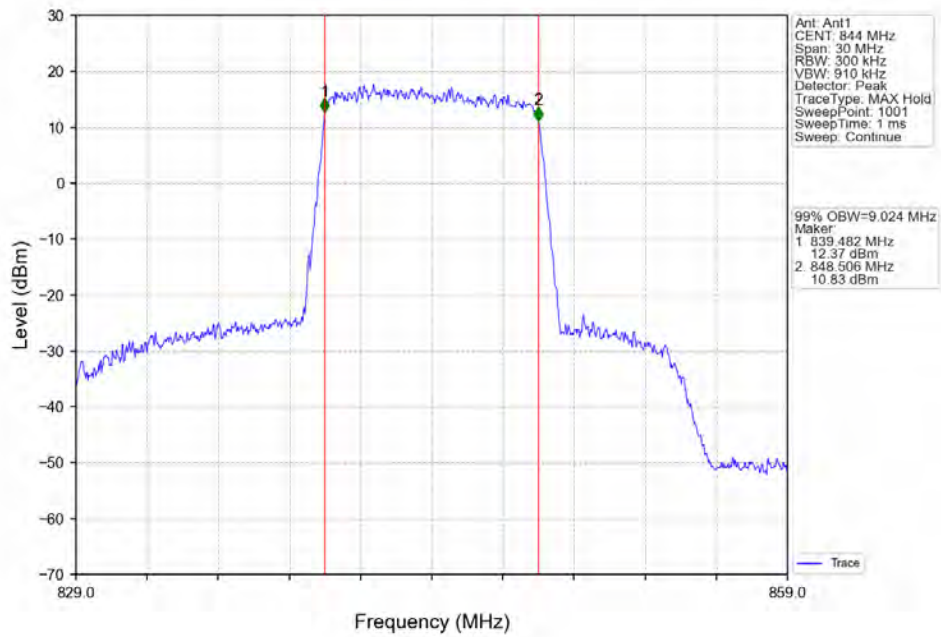
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



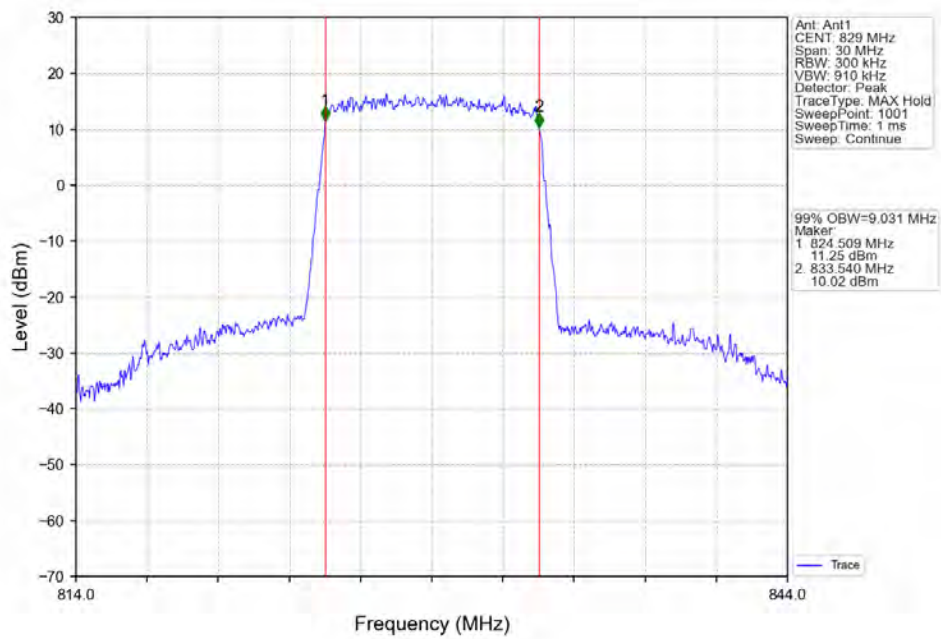
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



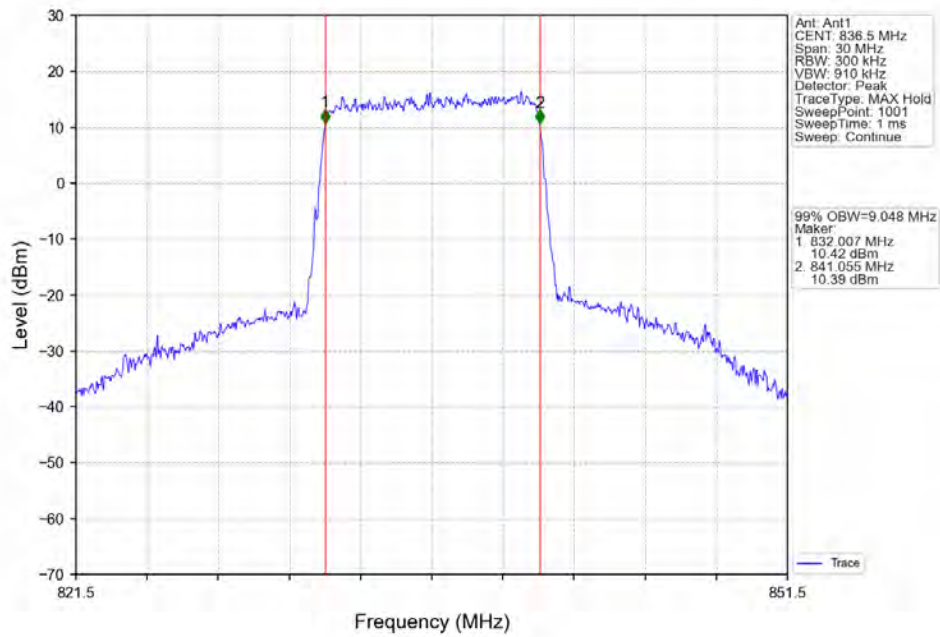
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



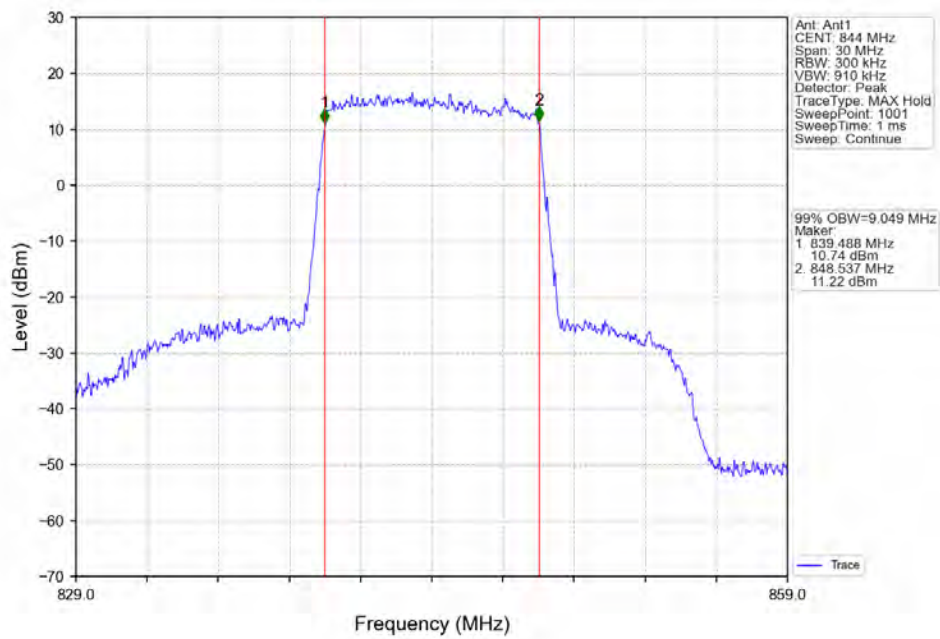
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV

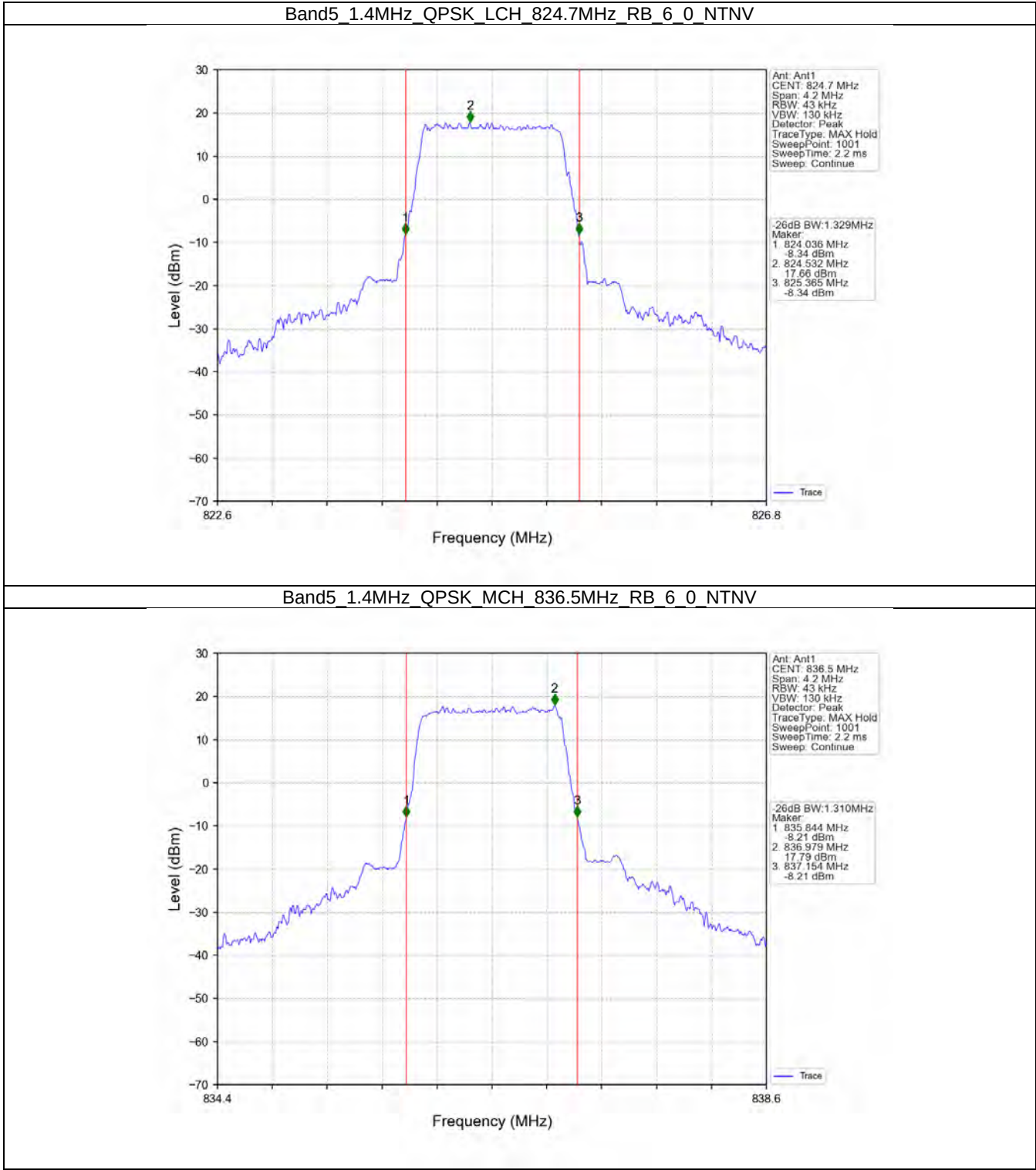


## 11.2 Band5\_XDB

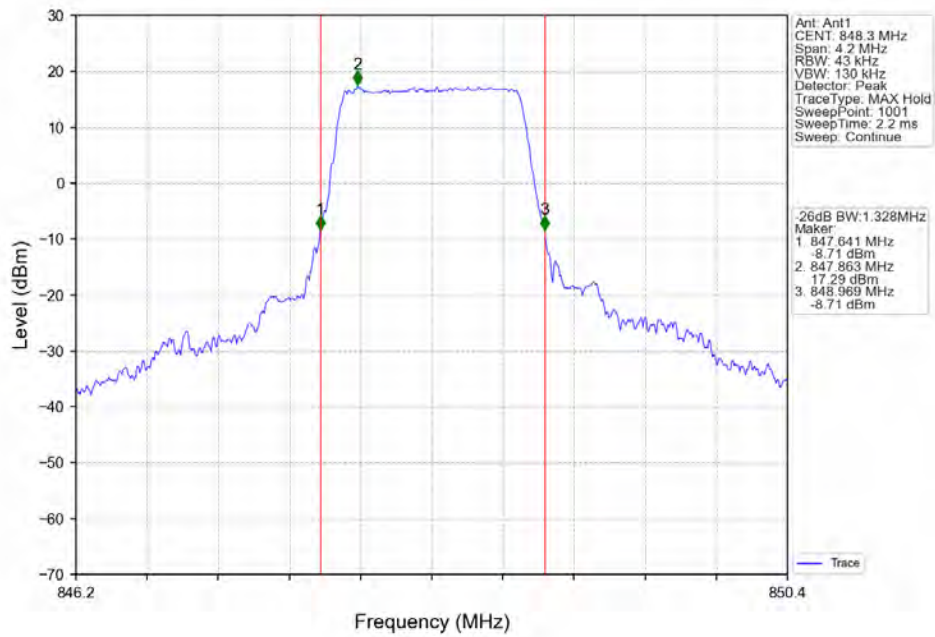
### 11.2.1 Test Result

| Band: 5 / NTNV  |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.329                | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.310                | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.328                | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.285                | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.330                | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.323                | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.072                | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.050                | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.075                | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.026                | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.058                | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.066                | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.036                | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.082                | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.112                | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 5.064                | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.131                | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.147                | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.972                | Pass    |
|                 |            | 836.5           | 50            | 0      | 10.121               | Pass    |
|                 |            | 844             | 50            | 0      | 9.994                | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 10.040               | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.962                | Pass    |
|                 |            | 844             | 50            | 0      | 9.952                | Pass    |

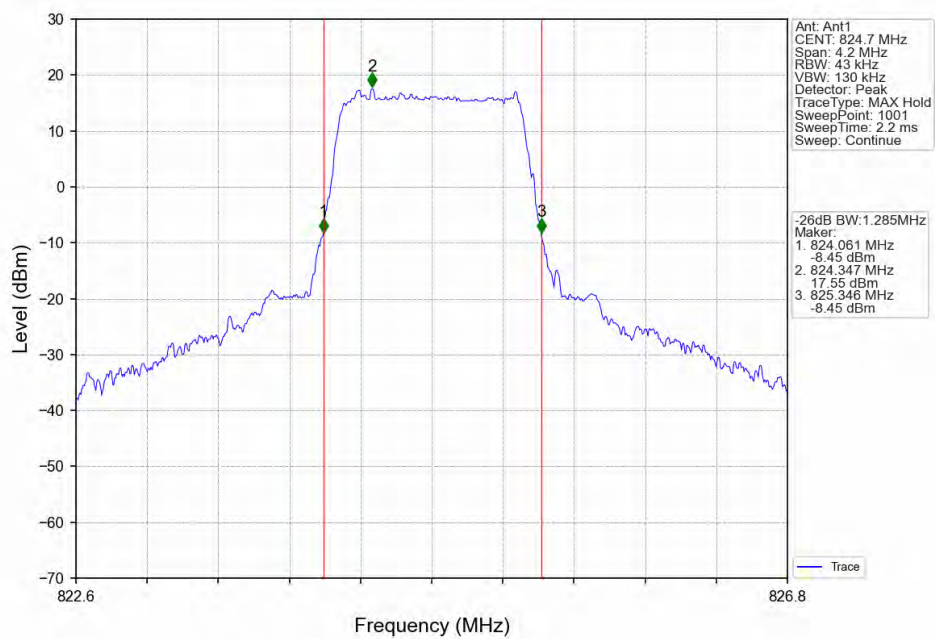
11.2.2 Test Graph



Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN

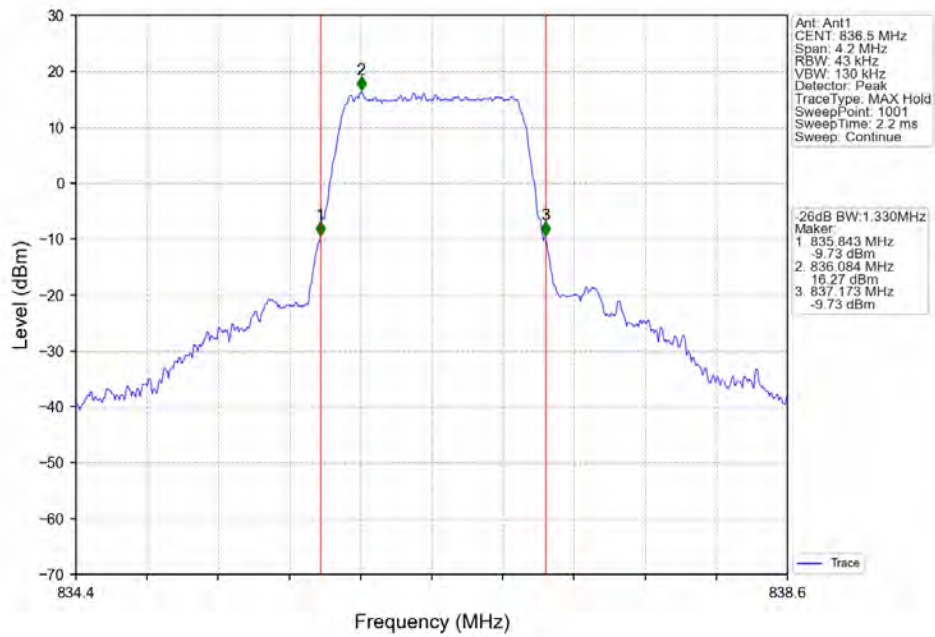


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN

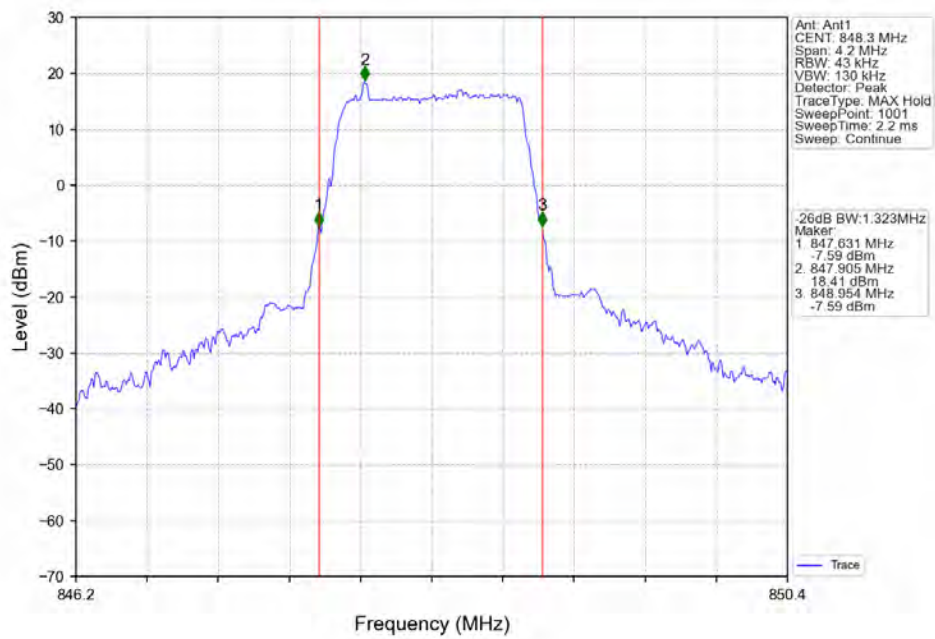




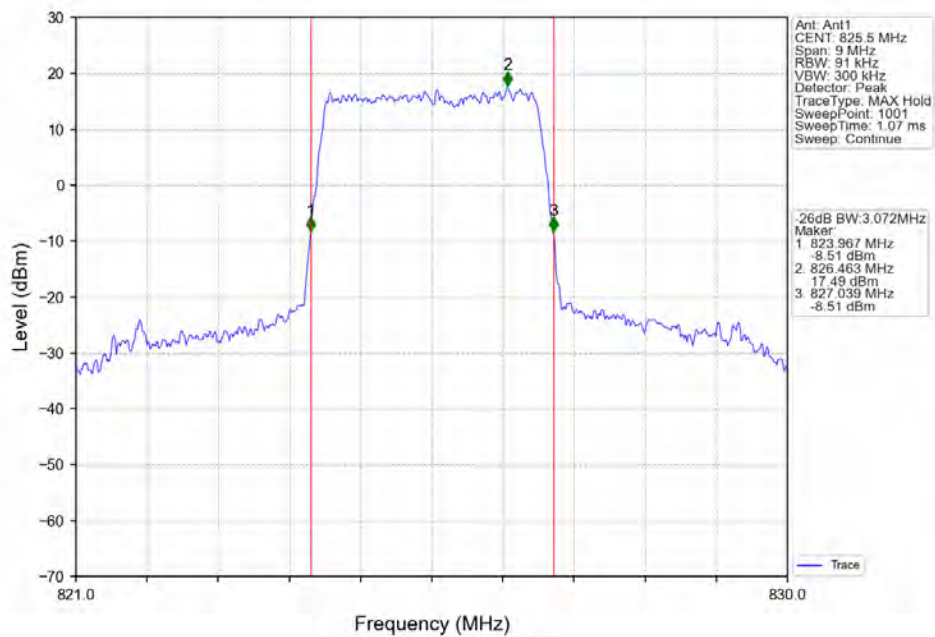
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



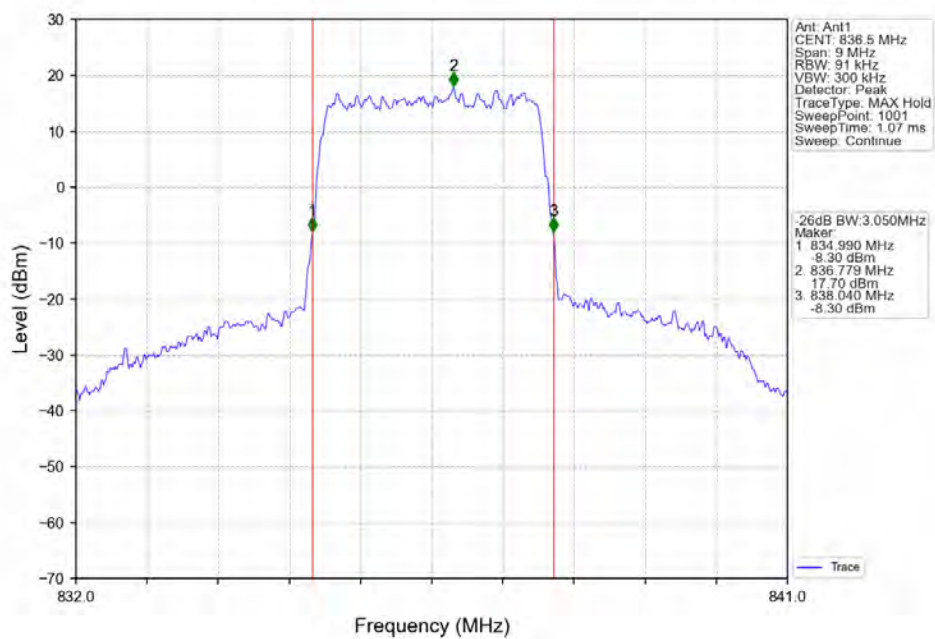
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



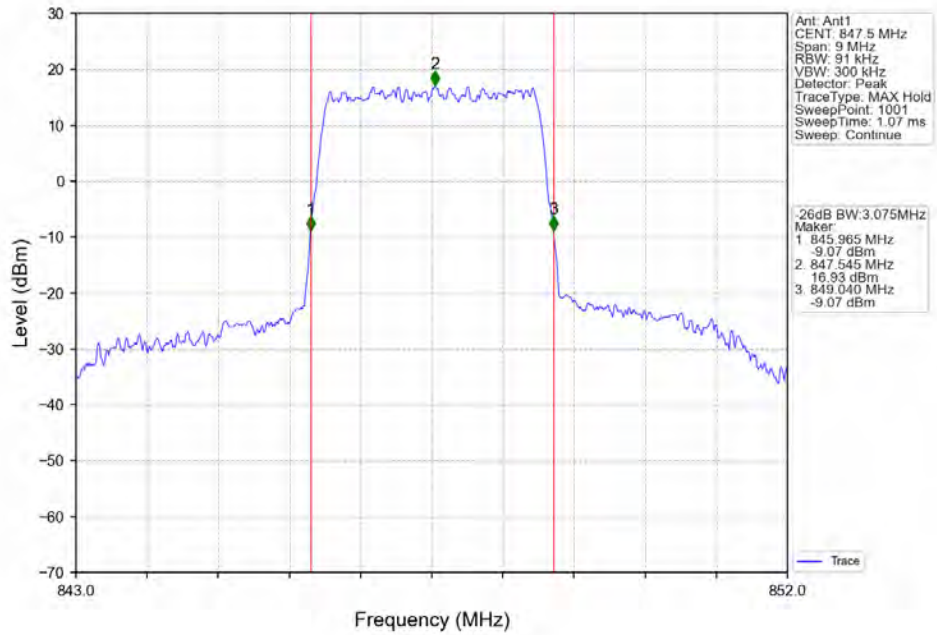
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



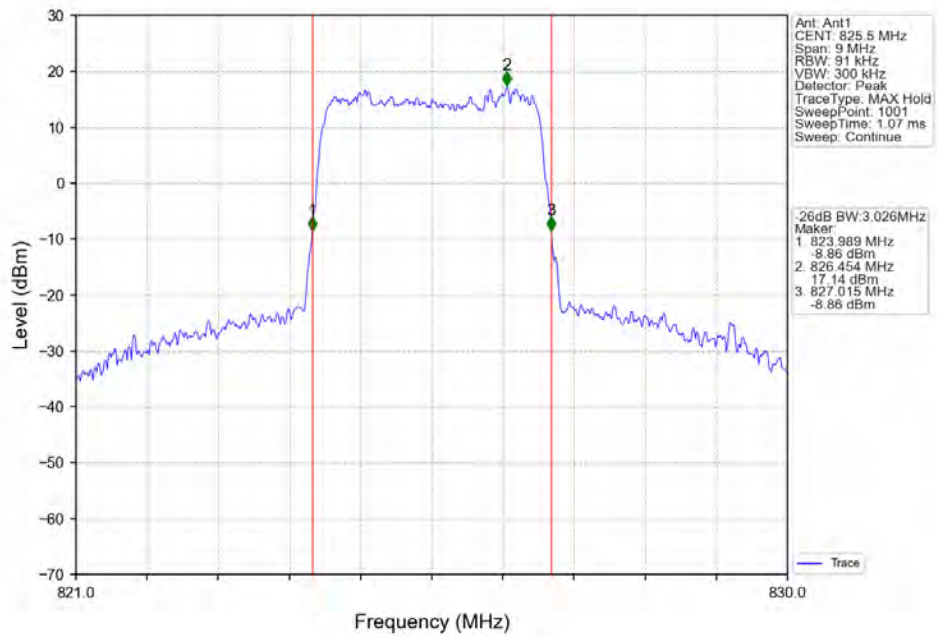
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



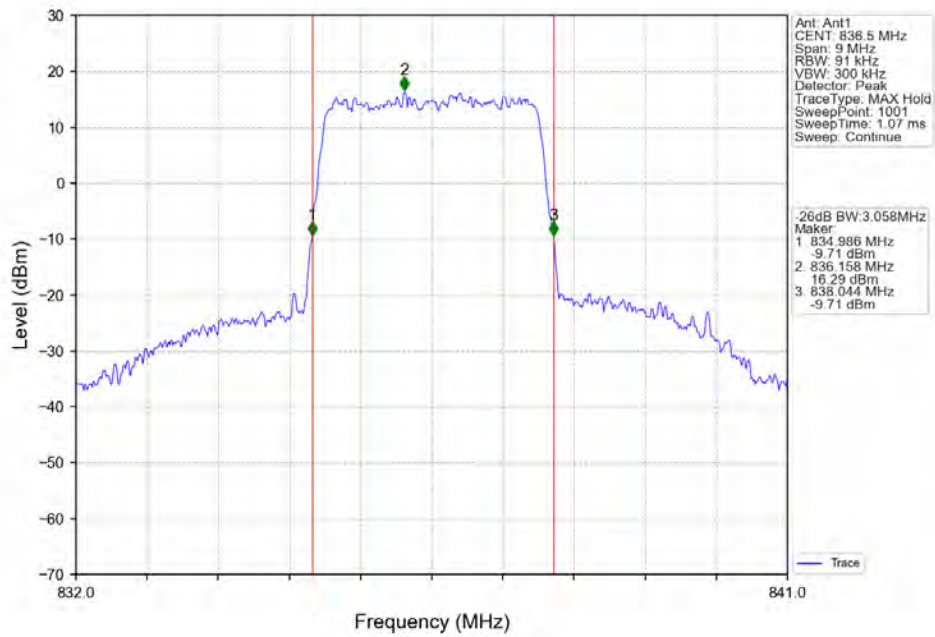
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



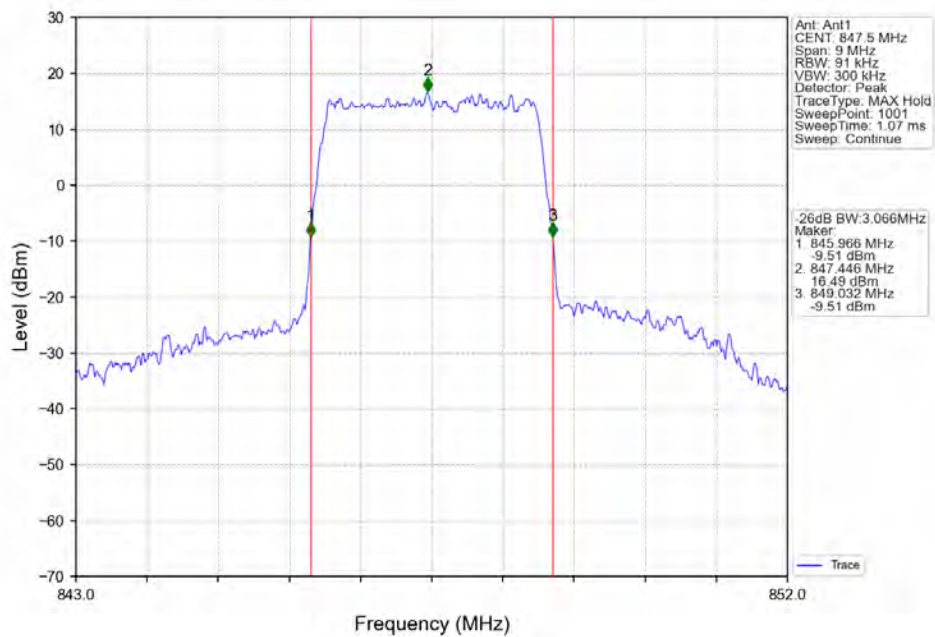
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



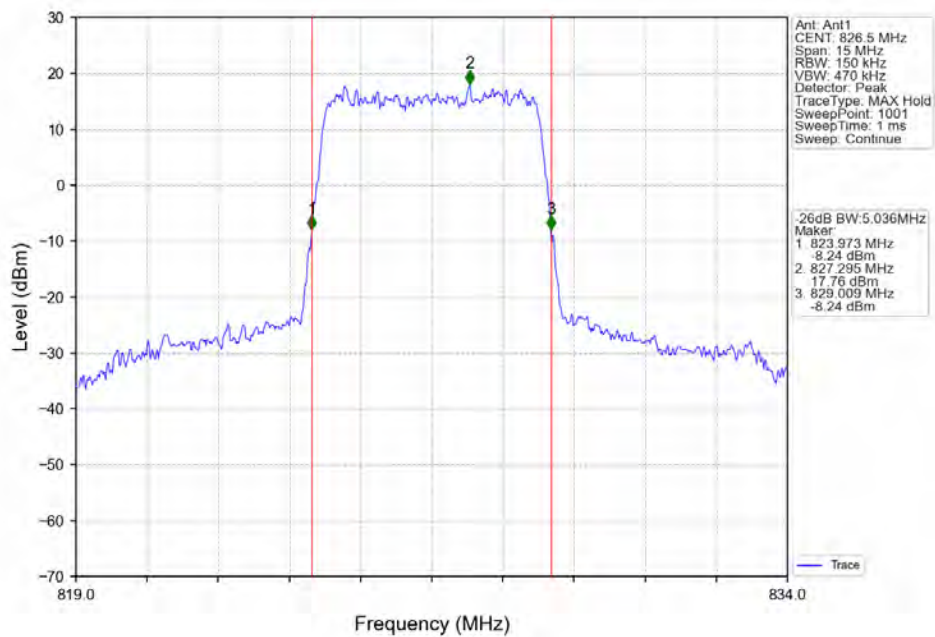
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



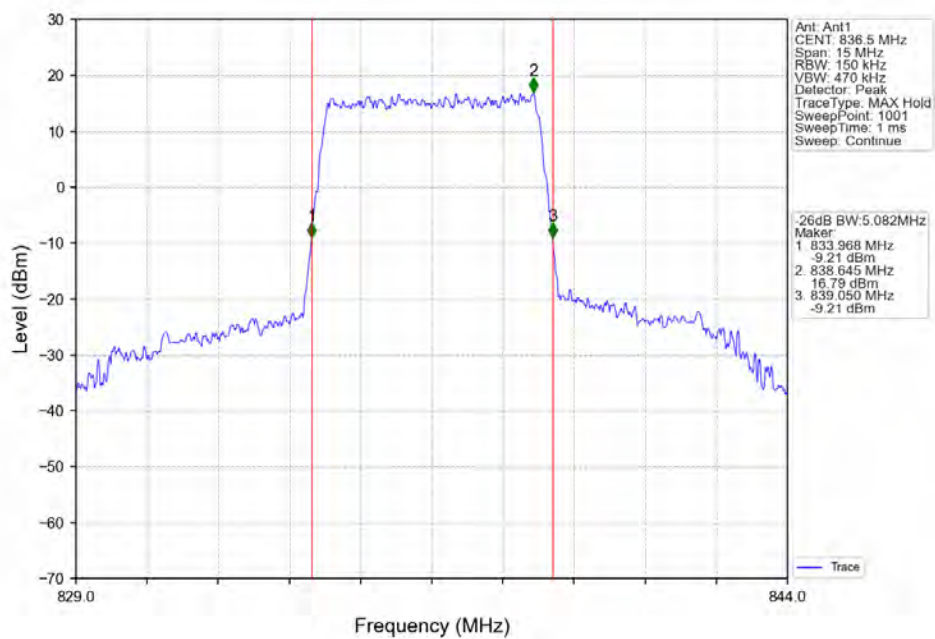
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN

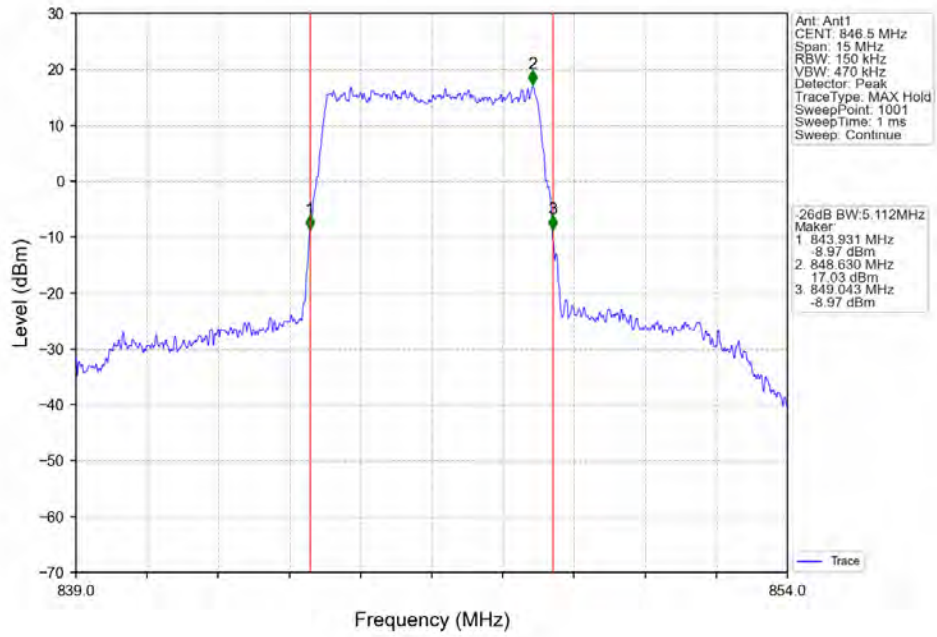


Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN

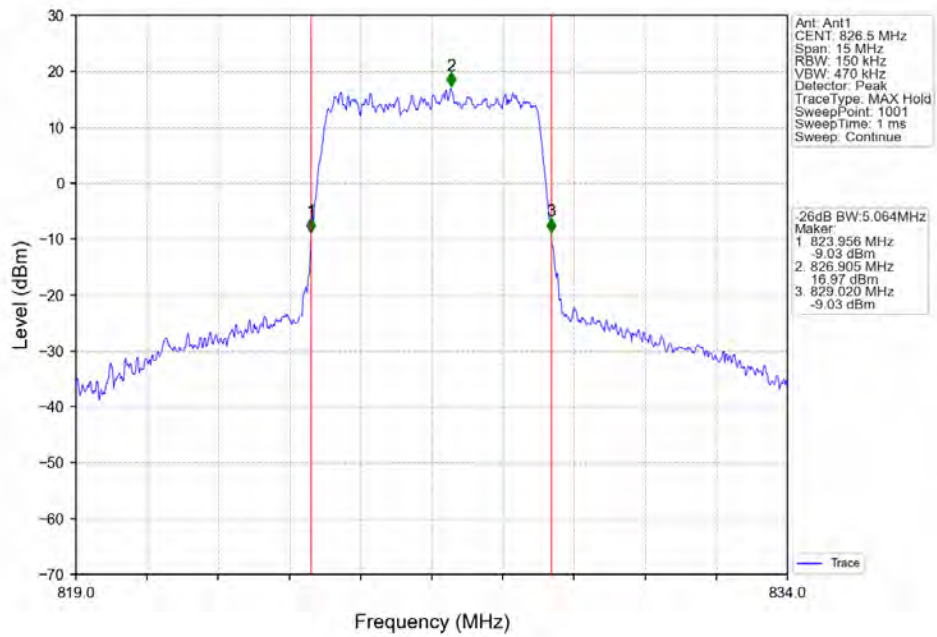




Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN

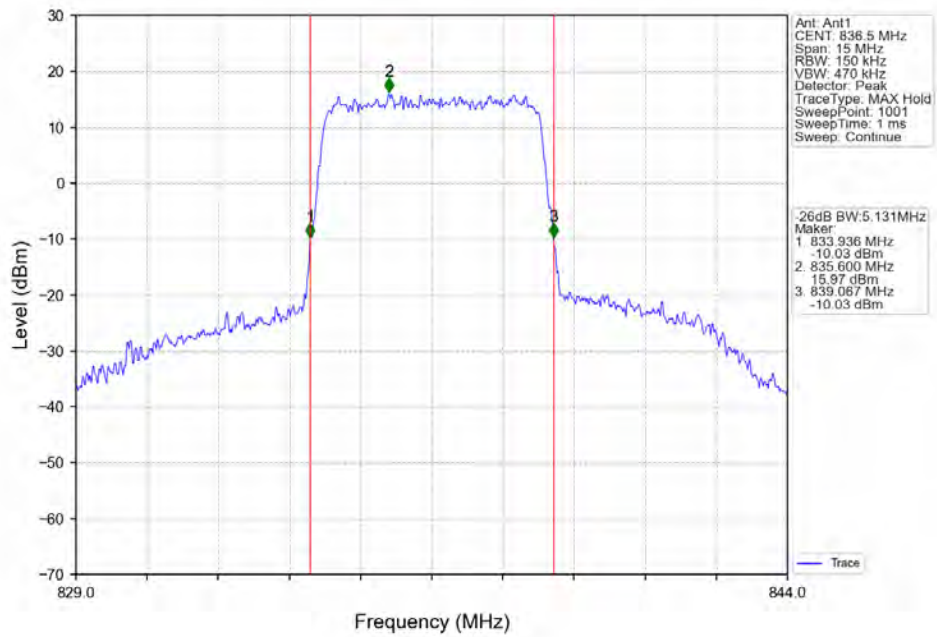


Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN

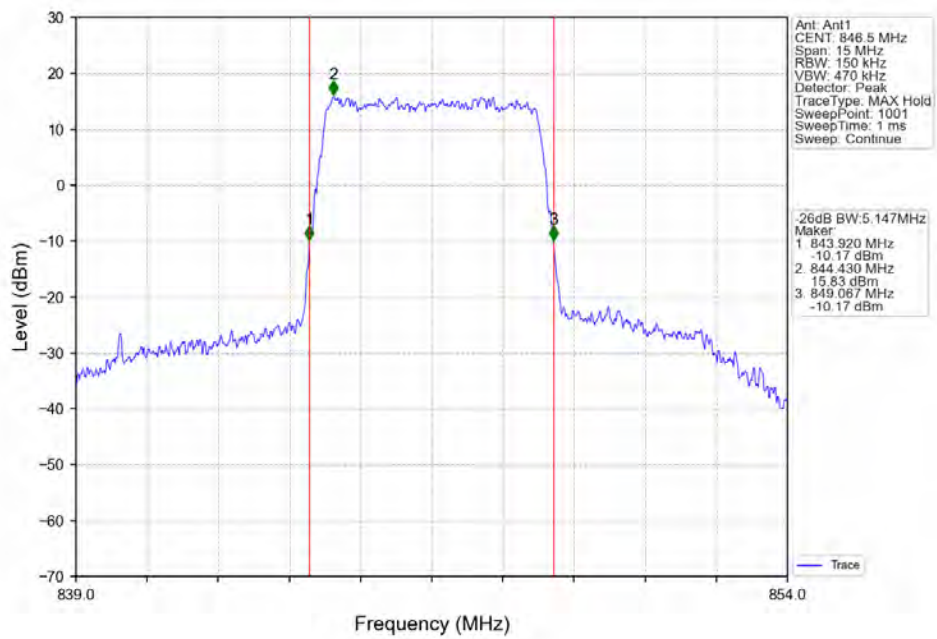




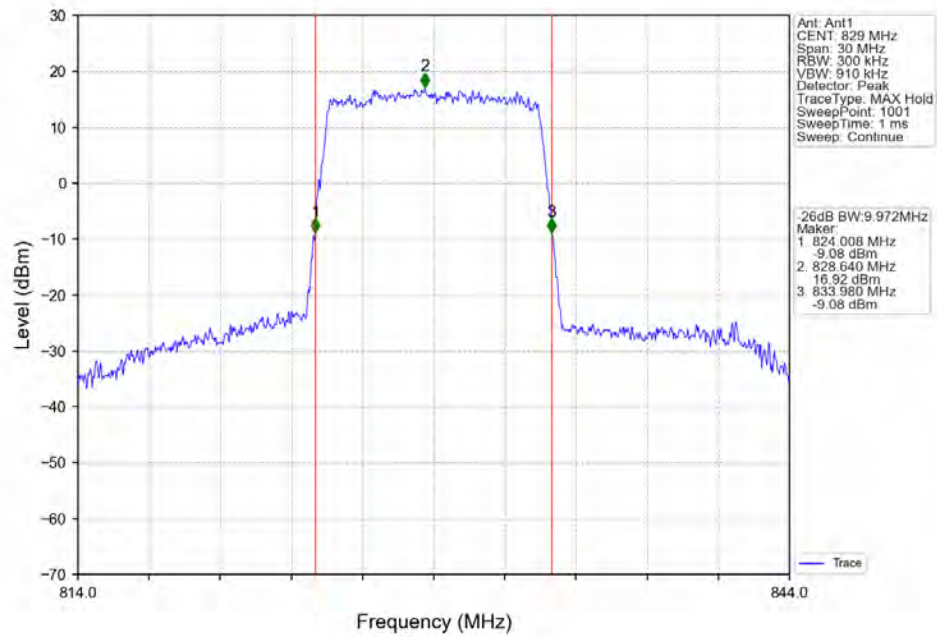
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



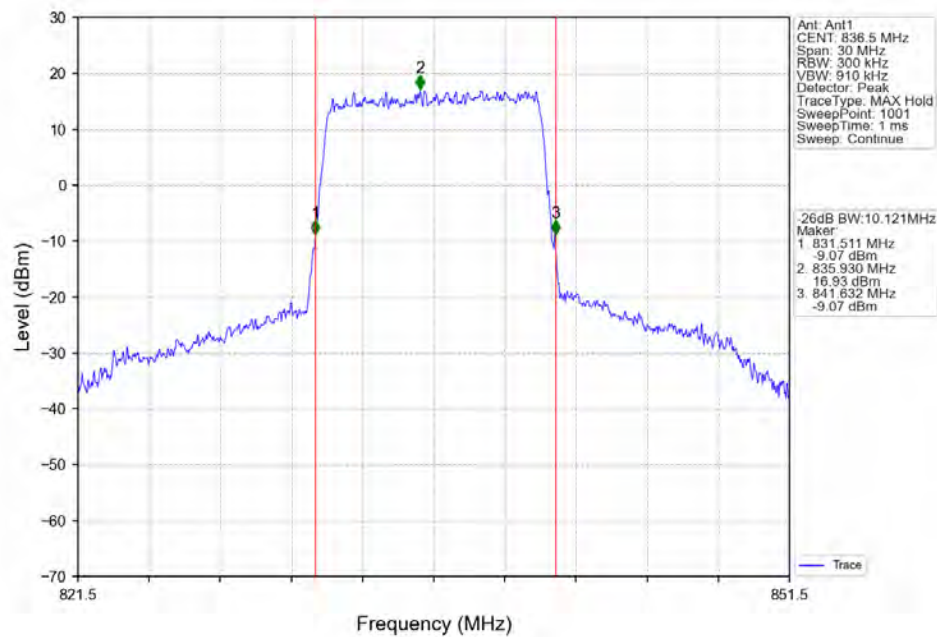
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



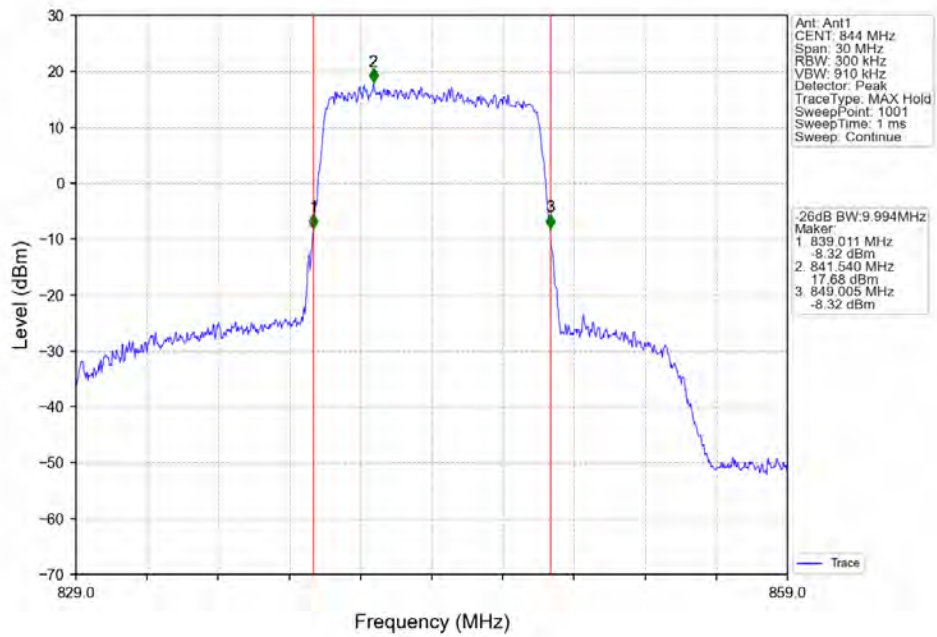
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



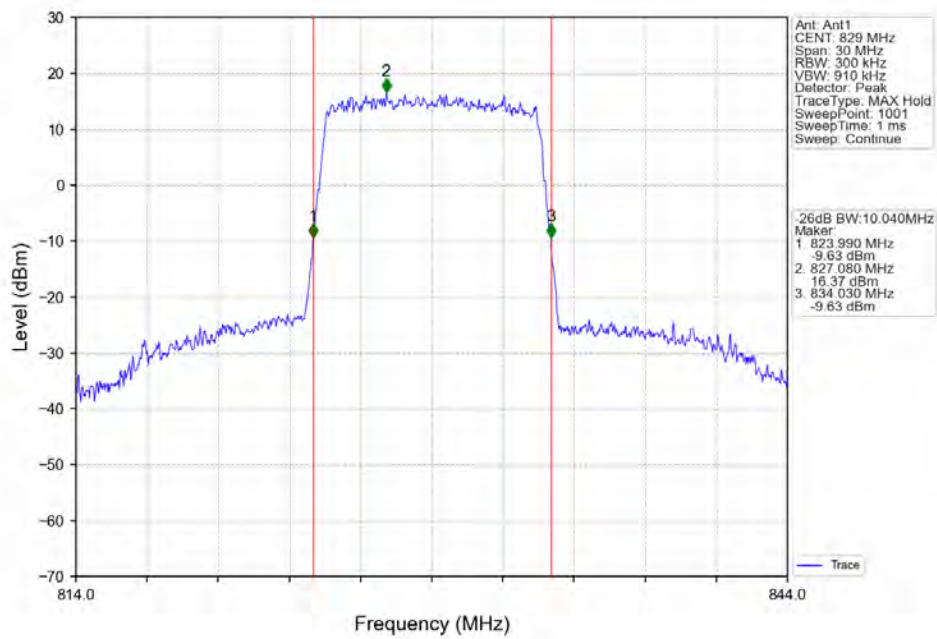
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



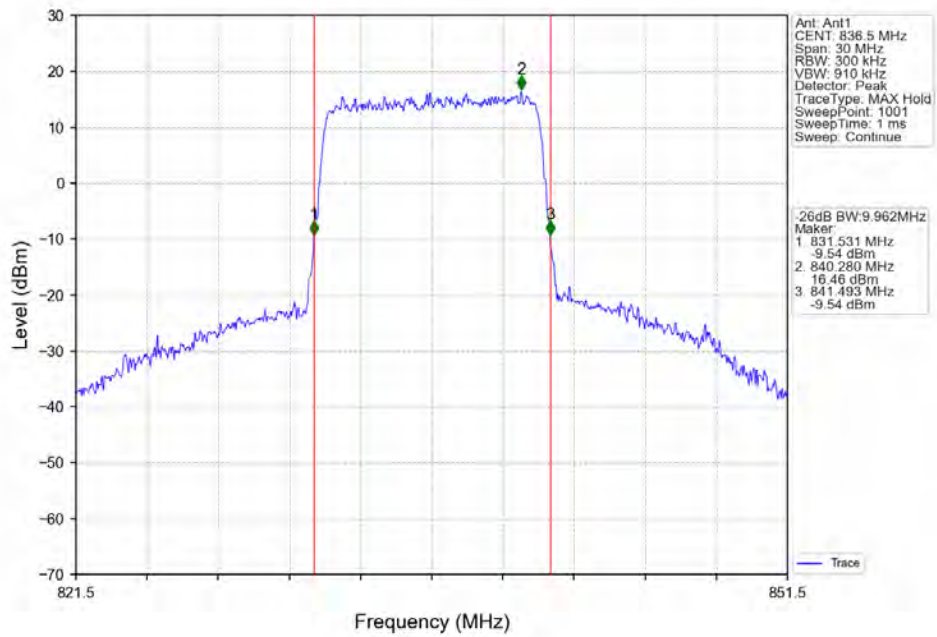
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



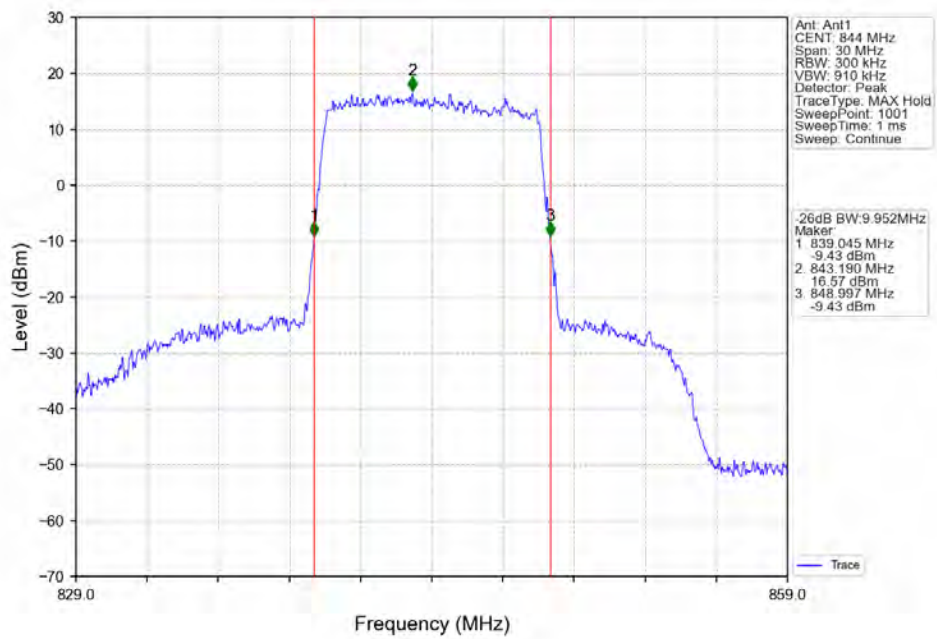
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTN



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



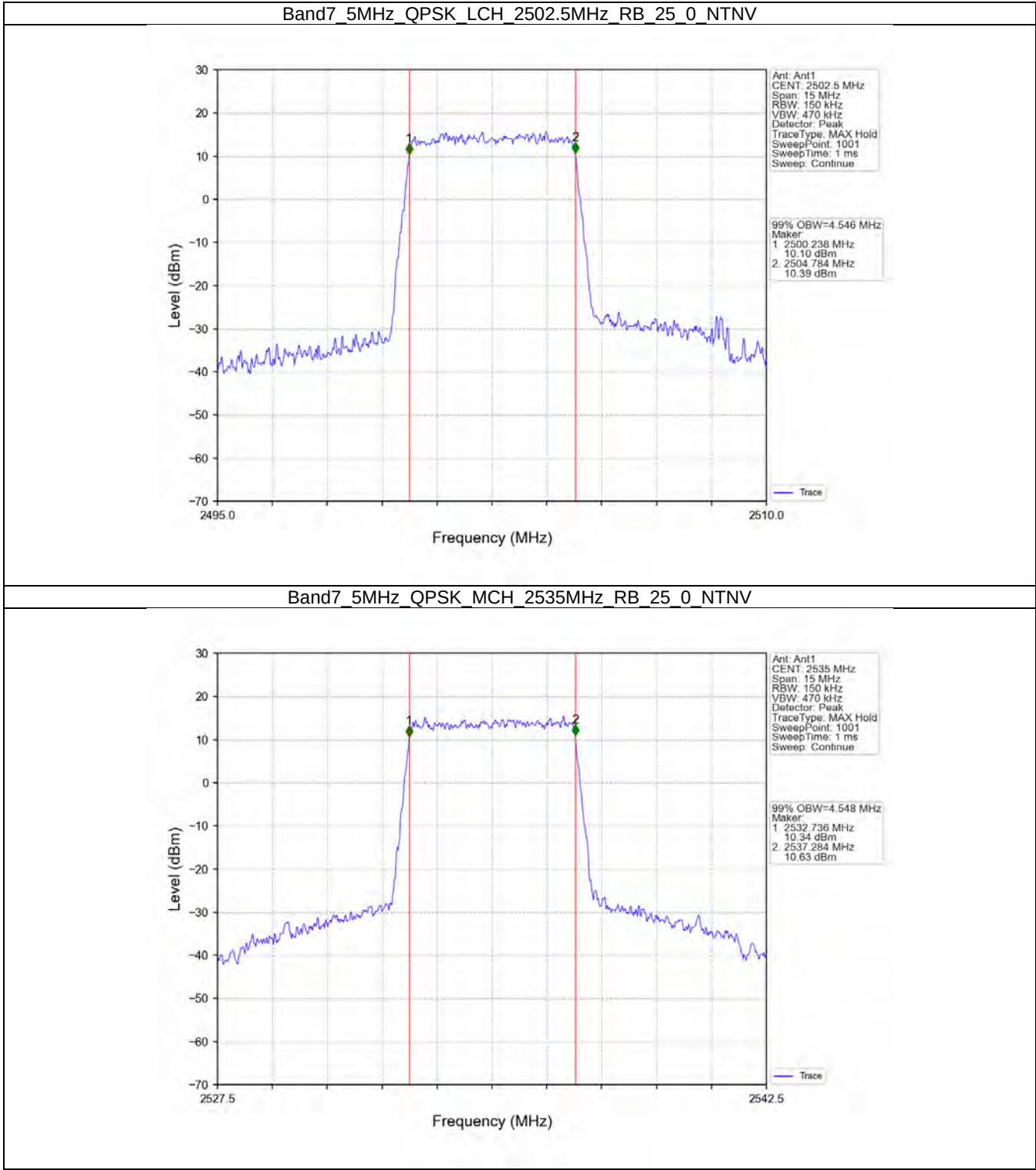
## 12. 99% & 26dB Bandwidth

### 12.1 Band7\_OBW

#### 12.1.1 Test Result

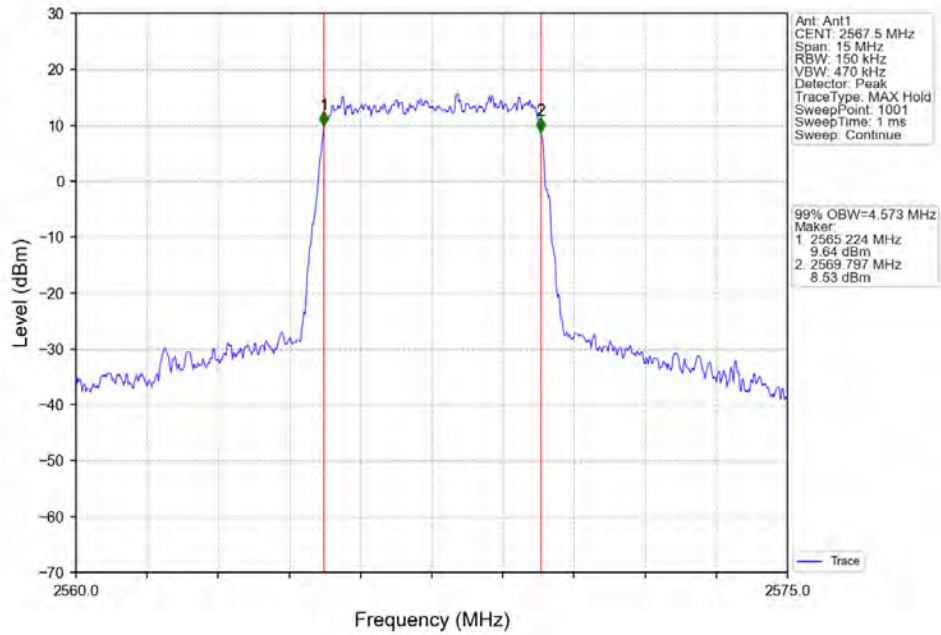
| Band: 7 / NTN   |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 5               | QPSK       | 2502.5          | 25            | 0      | 4.546                        | Pass    |
|                 |            | 2535            | 25            | 0      | 4.548                        | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.573                        | Pass    |
|                 | 16QAM      | 2502.5          | 25            | 0      | 4.548                        | Pass    |
|                 |            | 2535            | 25            | 0      | 4.553                        | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.544                        | Pass    |
| 10              | QPSK       | 2505            | 50            | 0      | 9.029                        | Pass    |
|                 |            | 2535            | 50            | 0      | 9.004                        | Pass    |
|                 |            | 2565            | 50            | 0      | 9.033                        | Pass    |
|                 | 16QAM      | 2505            | 50            | 0      | 9.031                        | Pass    |
|                 |            | 2535            | 50            | 0      | 9.017                        | Pass    |
|                 |            | 2565            | 50            | 0      | 9.032                        | Pass    |
| 15              | QPSK       | 2507.5          | 75            | 0      | 13.526                       | Pass    |
|                 |            | 2535            | 75            | 0      | 13.531                       | Pass    |
|                 |            | 2562.5          | 75            | 0      | 13.548                       | Pass    |
|                 | 16QAM      | 2507.5          | 75            | 0      | 13.515                       | Pass    |
|                 |            | 2535            | 75            | 0      | 13.520                       | Pass    |
|                 |            | 2562.5          | 75            | 0      | 13.580                       | Pass    |
| 20              | QPSK       | 2510            | 100           | 0      | 17.997                       | Pass    |
|                 |            | 2535            | 100           | 0      | 18.041                       | Pass    |
|                 |            | 2560            | 100           | 0      | 18.098                       | Pass    |
|                 | 16QAM      | 2510            | 100           | 0      | 17.988                       | Pass    |
|                 |            | 2535            | 100           | 0      | 18.003                       | Pass    |
|                 |            | 2560            | 100           | 0      | 18.035                       | Pass    |

12.1.2 Test Graph

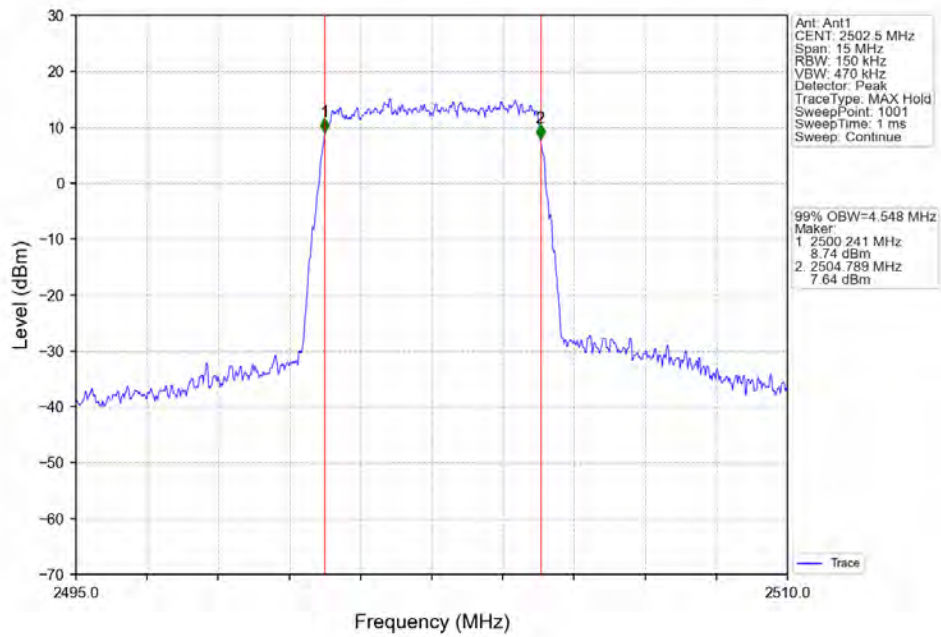




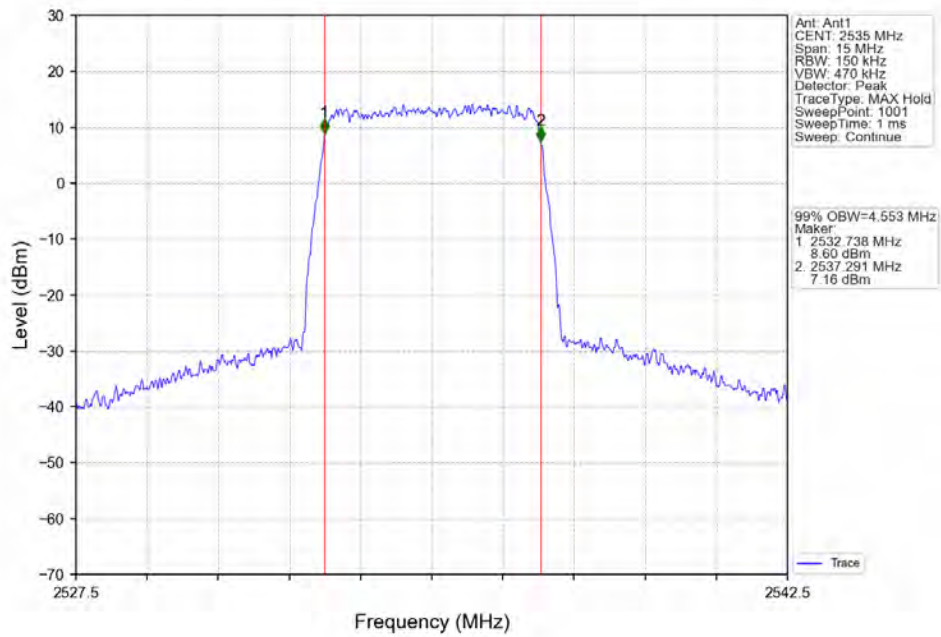
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV

