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# Appendix B.16

## LTE Band 26(824-849)



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## 1. Frequency Stability

### 1.1 B26b\_1.4MHz

#### 1.1.1 Test Result

| Modulation | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |  |  |  |  |
|------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|--|--|--|--|
|            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |  |  |  |  |
|            |                 |               |        |            |               |                  |                       |             |         |  |  |  |  |
| QPSK       | 824.7           | 6             | 0      | 20         | 3.8           | 12.178           | 0.0148                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | 4.528            | 0.0055                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -4.312           | -0.0052               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -0.547                | -0.0007     | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | -2.287                | -0.0028     | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | -2.107           | -0.0026               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | -0.322                | -0.0004     | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | 2.717                 | 0.0033      | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 1.458                 | 0.0018      | Pass    |  |  |  |  |
|            |                 |               |        |            | 40            | 4.0              | 2.355                 | 0.0029      | Pass    |  |  |  |  |
|            | 836.5           | 6             | 0      | 20         | 4.0           | 0.334            | 0.0004                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 3.8           | 0.231            | 0.0003                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -6.690           | -0.0080               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -16.745          | -0.0200               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -4.090                | -0.0049     | Pass    |  |  |  |  |
| 16QAM      | 824.7           | 6             | 0      | -20        | 4.0           | -0.954           | -0.0011               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | 1.377                 | 0.0016      | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | 1.290                 | 0.0015      | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -2.824                | -0.0034     | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 2.279                 | 0.0027      | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | -1.941           | -0.0023               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | -0.497                | -0.0006     | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -1.774                | -0.0021     | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 1.900                 | 0.0022      | Pass    |  |  |  |  |
|            |                 |               |        |            | 40            | 4.0              | 2.429                 | 0.0029      | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 50            | 4.0              | 1.561                 | 0.0018      | Pass    |  |  |  |  |
|            |                 |               |        |            | 3.8           | -16.439          | -0.0194               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -17.814          | -0.0210               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -12.824          | -0.0151               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -5.191                | -0.0061     | Pass    |  |  |  |  |
|            |                 |               |        | 20         | -20           | 4.0              | -1.439                | -0.0017     | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | -5.291                | -0.0062     | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | -0.999                | -0.0012     | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -1.774                | -0.0021     | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 1.900                 | 0.0022      | Pass    |  |  |  |  |
|            |                 |               |        | -20        | 40            | 4.0              | 2.429                 | 0.0029      | Pass    |  |  |  |  |
|            |                 |               |        |            | 50            | 4.0              | 1.561                 | 0.0018      | Pass    |  |  |  |  |
|            |                 |               |        |            | 3.8           | 11.985           | 0.0145                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | 1.135            | 0.0014                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 1.107            | 0.0013                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | -30           | 4.0              | -0.746                | -0.0009     | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | 1.904                 | 0.0023      | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | 0.044                 | 0.0001      | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | -0.808                | -0.0010     | Pass    |  |  |  |  |

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|--|--|--|----|-----|---------|---------|-------------|-------------|------|
|  |  |  |    | 10  | 4.0     | -0.349  | -0.0004     | -2.5 to 2.5 | Pass |
|  |  |  |    | 30  | 4.0     | -4.180  | -0.0051     | -2.5 to 2.5 | Pass |
|  |  |  |    | 40  | 4.0     | -0.897  | -0.0011     | -2.5 to 2.5 | Pass |
|  |  |  |    | 50  | 4.0     | -0.113  | -0.0001     | -2.5 to 2.5 | Pass |
|  |  |  |    | 3.8 | 2.720   | -0.0033 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | 20  | 4.0     | -4.279  | -0.0051     | -2.5 to 2.5 | Pass |
|  |  |  |    | 4.2 | 0.025   | 0.0000  | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | -30 | 4.0     | 1.982   | 0.0024      | -2.5 to 2.5 | Pass |
|  |  |  |    | -20 | 4.0     | -2.066  | -0.0025     | -2.5 to 2.5 | Pass |
|  |  |  |    | -10 | 4.0     | 1.884   | 0.0023      | -2.5 to 2.5 | Pass |
|  |  |  |    | 0   | 4.0     | -4.567  | -0.0055     | -2.5 to 2.5 | Pass |
|  |  |  |    | 10  | 4.0     | 0.136   | 0.0002      | -2.5 to 2.5 | Pass |
|  |  |  |    | 30  | 4.0     | -4.957  | -0.0059     | -2.5 to 2.5 | Pass |
|  |  |  |    | 40  | 4.0     | -0.583  | -0.0007     | -2.5 to 2.5 | Pass |
|  |  |  |    | 50  | 4.0     | 3.381   | 0.0040      | -2.5 to 2.5 | Pass |
|  |  |  |    | 3.8 | -22.190 | -0.0262 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | 20  | 4.0     | -19.581 | -0.0231     | -2.5 to 2.5 | Pass |
|  |  |  |    | 4.2 | -14.328 | -0.0169 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | -30 | 4.0     | -10.912 | -0.0129     | -2.5 to 2.5 | Pass |
|  |  |  |    | -20 | 4.0     | -1.282  | -0.0015     | -2.5 to 2.5 | Pass |
|  |  |  |    | -10 | 4.0     | -2.270  | -0.0027     | -2.5 to 2.5 | Pass |
|  |  |  |    | 0   | 4.0     | -3.847  | -0.0045     | -2.5 to 2.5 | Pass |
|  |  |  |    | 10  | 4.0     | 1.194   | 0.0014      | -2.5 to 2.5 | Pass |
|  |  |  |    | 30  | 4.0     | 1.455   | 0.0017      | -2.5 to 2.5 | Pass |
|  |  |  |    | 40  | 4.0     | -3.970  | -0.0047     | -2.5 to 2.5 | Pass |
|  |  |  |    | 50  | 4.0     | -2.940  | -0.0035     | -2.5 to 2.5 | Pass |
|  |  |  |    | 3.8 | -23.210 | -0.0281 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | 20  | 4.0     | -5.579  | -0.0068     | -2.5 to 2.5 | Pass |
|  |  |  |    | 4.2 | -1.694  | -0.0021 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | -30 | 4.0     | -2.896  | -0.0035     | -2.5 to 2.5 | Pass |
|  |  |  |    | -20 | 4.0     | 2.058   | 0.0025      | -2.5 to 2.5 | Pass |
|  |  |  |    | -10 | 4.0     | -0.167  | -0.0002     | -2.5 to 2.5 | Pass |
|  |  |  |    | 0   | 4.0     | 1.823   | 0.0022      | -2.5 to 2.5 | Pass |
|  |  |  |    | 10  | 4.0     | -2.153  | -0.0026     | -2.5 to 2.5 | Pass |
|  |  |  |    | 30  | 4.0     | -0.729  | -0.0009     | -2.5 to 2.5 | Pass |
|  |  |  |    | 40  | 4.0     | -0.950  | -0.0012     | -2.5 to 2.5 | Pass |
|  |  |  |    | 50  | 4.0     | -0.228  | -0.0003     | -2.5 to 2.5 | Pass |
|  |  |  |    | 3.8 | -5.351  | -0.0064 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | 20  | 4.0     | -8.063  | -0.0096     | -2.5 to 2.5 | Pass |
|  |  |  |    | 4.2 | -4.415  | -0.0053 | -2.5 to 2.5 | Pass        |      |
|  |  |  |    | -30 | 4.0     | -16.633 | -0.0199     | -2.5 to 2.5 | Pass |
|  |  |  |    | -20 | 4.0     | -22.992 | -0.0275     | -2.5 to 2.5 | Pass |
|  |  |  |    | -10 | 4.0     | -15.012 | -0.0179     | -2.5 to 2.5 | Pass |
|  |  |  |    | 0   | 4.0     | -12.186 | -0.0146     | -2.5 to 2.5 | Pass |
|  |  |  |    | 10  | 4.0     | -5.267  | -0.0063     | -2.5 to 2.5 | Pass |
|  |  |  |    | 30  | 4.0     | -5.264  | -0.0063     | -2.5 to 2.5 | Pass |
|  |  |  |    | 40  | 4.0     | -4.029  | -0.0048     | -2.5 to 2.5 | Pass |
|  |  |  |    | 50  | 4.0     | -2.315  | -0.0028     | -2.5 to 2.5 | Pass |
|  |  |  |    | 3.8 | 5.158   | 0.0061  | -2.5 to 2.5 | Pass        |      |
|  |  |  | 20 | 4.0 | 13.539  | 0.0160  | -2.5 to 2.5 | Pass        |      |



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|--|--|--|--|-----|--------|--------|-------------|-------------|
|  |  |  |  | 4.2 | 12.695 | 0.0150 | -2.5 to 2.5 | Pass        |
|  |  |  |  | -30 | 4.0    | 10.785 | 0.0127      | -2.5 to 2.5 |
|  |  |  |  | -20 | 4.0    | 6.449  | 0.0076      | -2.5 to 2.5 |
|  |  |  |  | -10 | 4.0    | 5.605  | 0.0066      | -2.5 to 2.5 |
|  |  |  |  | 0   | 4.0    | 0.301  | 0.0004      | -2.5 to 2.5 |
|  |  |  |  | 10  | 4.0    | -2.500 | -0.0029     | -2.5 to 2.5 |
|  |  |  |  | 30  | 4.0    | -1.169 | -0.0014     | -2.5 to 2.5 |
|  |  |  |  | 40  | 4.0    | -1.451 | -0.0017     | -2.5 to 2.5 |
|  |  |  |  | 50  | 4.0    | 1.129  | 0.0013      | -2.5 to 2.5 |



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## 1.2 B26b\_3MHz

## 1.2.1 Test Result

| Modulation | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |  |  |  |  |
|------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|--|--|--|--|
|            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |  |  |  |  |
|            |                 |               |        |            |               |                  |                       |             |         |  |  |  |  |
| QPSK       | 825.5           | 15            | 0      | 20         | 3.8           | -2.091           | -0.0025               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -1.164           | -0.0014               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 1.944            | 0.0024                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -0.489                | -0.0006     | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | 6.164                 | 0.0075      | Pass    |  |  |  |  |
|            |                 |               |        | -20        | -10           | 4.0              | 3.390                 | 0.0041      | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | 0.257                 | 0.0003      | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -1.842                | -0.0022     | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 5.343                 | 0.0065      | Pass    |  |  |  |  |
|            |                 |               |        |            | 40            | 4.0              | 4.443                 | 0.0054      | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 50            | 4.0              | 2.103                 | 0.0025      | Pass    |  |  |  |  |
|            |                 |               |        |            | 3.8           | 0.061            | 0.0001                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -1.890           | -0.0023               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 3.191            | 0.0038                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -0.991                | -0.0012     | Pass    |  |  |  |  |
| 16QAM      | 836.5           | 15            | 0      | -20        | -20           | 4.0              | 3.807                 | 0.0046      | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | -1.977                | -0.0024     | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | 1.748                 | 0.0021      | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -0.342                | -0.0004     | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | -2.346                | -0.0028     | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 40            | 4.0              | -3.349                | -0.0040     | Pass    |  |  |  |  |
|            |                 |               |        |            | 50            | 4.0              | 3.201                 | 0.0038      | Pass    |  |  |  |  |
|            |                 |               |        |            | 3.8           | -0.182           | -0.0002               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | 5.330            | 0.0063                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 2.834            | 0.0033                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -20        | -30           | 4.0              | 4.375                 | 0.0052      | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | -1.259                | -0.0015     | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | 2.410                 | 0.0028      | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | 3.681                 | 0.0043      | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | 3.082                 | 0.0036      | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 30            | 4.0              | 5.900                 | 0.0070      | Pass    |  |  |  |  |
|            |                 |               |        |            | 40            | 4.0              | 0.345                 | 0.0004      | Pass    |  |  |  |  |
|            |                 |               |        |            | 50            | 4.0              | 3.491                 | 0.0041      | Pass    |  |  |  |  |
|            |                 |               |        |            | 3.8           | -1.504           | -0.0018               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -0.859           | -0.0010               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -20        | 4.2           | 3.232            | 0.0039                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | 6.680                 | 0.0081      | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | -1.768                | -0.0021     | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | -2.937                | -0.0036     | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | 5.101                 | 0.0062      | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 10            | 4.0              | 4.558                 | 0.0055      | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 0.811                 | 0.0010      | Pass    |  |  |  |  |

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|-------|-------|---|--|-----|--------|---------|-------------|-------------|------|
|       |       |   |  | 40  | 4.0    | 0.215   | 0.0003      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | -1.475  | -0.0018     | -2.5 to 2.5 | Pass |
| 836.5 | 15    | 0 |  | 3.8 | 3.120  | -0.0037 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | -2.852  | -0.0034     | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | -3.109 | -0.0037 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | 3.437   | 0.0041      | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | 2.935   | 0.0035      | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | -0.044  | -0.0001     | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | -0.581  | -0.0007     | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | -4.262  | -0.0051     | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | -4.405  | -0.0053     | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | 2.196   | 0.0026      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | -1.804  | -0.0022     | -2.5 to 2.5 | Pass |
| 847.5 | 15    | 0 |  | 3.8 | 4.975  | 0.0059  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 2.437   | 0.0029      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | -2.044 | -0.0024 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | 2.395   | 0.0028      | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | -3.089  | -0.0036     | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | 3.541   | 0.0042      | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | 1.430   | 0.0017      | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | -2.630  | -0.0031     | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | -2.447  | -0.0029     | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | 0.703   | 0.0008      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | 2.319   | 0.0027      | -2.5 to 2.5 | Pass |
| 825.5 | 15    | 0 |  | 3.8 | -1.473 | -0.0018 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | -0.088  | -0.0001     | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | 0.780  | 0.0009  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -1.871  | -0.0023     | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | -2.648  | -0.0032     | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | 4.783   | 0.0058      | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | -0.602  | -0.0007     | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | -1.983  | -0.0024     | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | -1.640  | -0.0020     | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | 3.969   | 0.0048      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | 4.744   | 0.0057      | -2.5 to 2.5 | Pass |
| 64QAM | 836.5 | 0 |  | 3.8 | 4.136  | 0.0049  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 0.998   | 0.0012      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | 2.009  | 0.0024  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -0.578  | -0.0007     | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | -0.956  | -0.0011     | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | 4.980   | 0.0060      | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | 5.252   | 0.0063      | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | 3.603   | 0.0043      | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | 3.122   | 0.0037      | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | -1.454  | -0.0017     | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | -4.056  | -0.0048     | -2.5 to 2.5 | Pass |
| 847.5 | 15    | 0 |  | 3.8 | 6.064  | 0.0072  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 2.593   | 0.0031      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | 0.622  | 0.0007  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | 5.062   | 0.0060      | -2.5 to 2.5 | Pass |

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|--|--|--|--|-----|-----|--------|---------|-------------|------|
|  |  |  |  | -20 | 4.0 | 2.181  | 0.0026  | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 4.0 | -1.935 | -0.0023 | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 4.0 | 4.724  | 0.0056  | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 4.0 | 0.129  | 0.0002  | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 4.0 | -1.559 | -0.0018 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 4.0 | -2.218 | -0.0026 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 4.0 | 4.177  | 0.0049  | -2.5 to 2.5 | Pass |

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## 1.3 B26b\_5MHz

## 1.3.1 Test Result

| Modulation | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |  |  |  |  |
|------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|--|--|--|--|
|            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |  |  |  |  |
|            |                 |               |        |            |               |                  |                       |             |         |  |  |  |  |
| QPSK       | 826.5           | 25            | 0      | 20         | 3.8           | 1.638            | 0.0020                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | 3.795            | 0.0046                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 5.650            | 0.0068                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | 4.0           | -0.753           | -0.0009               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -20        | 4.0           | 2.540            | 0.0031                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | 2.962            | 0.0036                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 4.0           | 3.578            | 0.0043                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 10         | 4.0           | -1.150           | -0.0014               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 30         | 4.0           | 4.168            | 0.0050                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 40         | 4.0           | -1.576           | -0.0019               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 50         | 4.0           | 1.617            | 0.0020                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 20         | 3.8           | 0.989            | 0.0012                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -0.105           | -0.0001               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -1.382           | -0.0017               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | 4.0           | -2.544           | -0.0030               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -20        | 4.0           | 5.091            | 0.0061                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | 4.375            | 0.0052                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 4.0           | 1.647            | 0.0020                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 10         | 4.0           | -2.571           | -0.0031               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 30         | 4.0           | 0.723            | 0.0009                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 40         | 4.0           | 0.266            | 0.0003                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 50         | 4.0           | 3.937            | 0.0047                | -2.5 to 2.5 | Pass    |  |  |  |  |
| 16QAM      | 826.5           | 25            | 0      | 20         | 3.8           | -4.807           | -0.0057               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | 2.286            | 0.0027                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -1.014           | -0.0012               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | 4.0           | 1.821            | 0.0022                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -20        | 4.0           | -0.580           | -0.0007               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | -3.619           | -0.0043               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 4.0           | -2.875           | -0.0034               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 10         | 4.0           | 1.614            | 0.0019                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 30         | 4.0           | -2.763           | -0.0033               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 40         | 4.0           | -3.195           | -0.0038               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 50         | 4.0           | -2.246           | -0.0027               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 20         | 3.8           | 1.800            | 0.0022                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | 1.894            | 0.0023                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -1.809           | -0.0022               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | 4.0           | -2.251           | -0.0027               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -20        | 4.0           | -2.030           | -0.0025               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | 0.529            | 0.0006                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 4.0           | 2.014            | 0.0024                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 10         | 4.0           | 4.631            | 0.0056                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 30         | 4.0           | 0.566            | 0.0007                | -2.5 to 2.5 | Pass    |  |  |  |  |

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|       |       |   |  | 40  | 4.0    | 4.025   | 0.0049      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | -0.719  | -0.0009     | -2.5 to 2.5 | Pass |
| 836.5 | 25    | 0 |  | 3.8 | 3.087  | 0.0037  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 2.985   | 0.0036      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | -0.474 | -0.0006 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -1.129  | -0.0013     | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | -2.300  | -0.0027     | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | -1.813  | -0.0022     | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | -1.632  | -0.0020     | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | -0.137  | -0.0002     | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | -2.481  | -0.0030     | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | 0.713   | 0.0009      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | 5.292   | 0.0063      | -2.5 to 2.5 | Pass |
| 846.5 | 25    | 0 |  | 3.8 | 1.806  | 0.0021  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 1.800   | 0.0021      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | -1.765 | -0.0021 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -1.349  | -0.0016     | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | 4.035   | 0.0048      | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | 0.800   | 0.0009      | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | -1.146  | -0.0014     | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | -2.542  | -0.0030     | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | 1.981   | 0.0023      | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | -3.742  | -0.0044     | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | -3.670  | -0.0043     | -2.5 to 2.5 | Pass |
| 826.5 | 25    | 0 |  | 3.8 | -2.588 | -0.0031 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | -3.120  | -0.0038     | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | -2.205 | -0.0027 | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -0.286  | -0.0003     | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | -3.529  | -0.0043     | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | -5.413  | -0.0065     | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | 0.817   | 0.0010      | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | 0.314   | 0.0004      | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | -3.433  | -0.0042     | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | 0.696   | 0.0008      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | -1.600  | -0.0019     | -2.5 to 2.5 | Pass |
| 64QAM | 836.5 | 0 |  | 3.8 | 3.626  | 0.0043  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 2.411   | 0.0029      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | 3.610  | 0.0043  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -1.429  | -0.0017     | -2.5 to 2.5 | Pass |
|       |       |   |  | -20 | 4.0    | 3.447   | 0.0041      | -2.5 to 2.5 | Pass |
|       |       |   |  | -10 | 4.0    | 1.820   | 0.0022      | -2.5 to 2.5 | Pass |
|       |       |   |  | 0   | 4.0    | 1.059   | 0.0013      | -2.5 to 2.5 | Pass |
|       |       |   |  | 10  | 4.0    | -0.291  | -0.0003     | -2.5 to 2.5 | Pass |
|       |       |   |  | 30  | 4.0    | 6.071   | 0.0073      | -2.5 to 2.5 | Pass |
|       |       |   |  | 40  | 4.0    | 4.298   | 0.0051      | -2.5 to 2.5 | Pass |
|       |       |   |  | 50  | 4.0    | 4.792   | 0.0057      | -2.5 to 2.5 | Pass |
|       | 846.5 | 0 |  | 3.8 | 0.690  | 0.0008  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | 20  | 4.0    | 5.498   | 0.0065      | -2.5 to 2.5 | Pass |
|       |       |   |  | 4.2 | 4.812  | 0.0057  | -2.5 to 2.5 | Pass        |      |
|       |       |   |  | -30 | 4.0    | -0.422  | -0.0005     | -2.5 to 2.5 | Pass |

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|  |  |  |  |     |     |        |         |             |      |
|--|--|--|--|-----|-----|--------|---------|-------------|------|
|  |  |  |  | -20 | 4.0 | 1.137  | 0.0013  | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 4.0 | -1.829 | -0.0022 | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 4.0 | 4.274  | 0.0050  | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 4.0 | 0.898  | 0.0011  | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 4.0 | -3.416 | -0.0040 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 4.0 | -0.262 | -0.0003 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 4.0 | 3.099  | 0.0037  | -2.5 to 2.5 | Pass |



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## 1.4 B26b\_10MHz

## 1.4.1 Test Result

| Modulation | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |  |  |  |  |
|------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|--|--|--|--|
|            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |  |  |  |  |
|            |                 |               |        |            |               |                  |                       |             |         |  |  |  |  |
| QPSK       | 829             | 50            | 0      | 20         | 3.8           | 0.443            | 0.0005                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -0.355           | -0.0004               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | -2.297           | -0.0028               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | 4.0           | 2.097            | 0.0025                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | 0.591                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | -1.041                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 4.0           | -1.605           | -0.0019               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -0.376                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | -4.866                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 40         | 4.0           | 1.986            | 0.0024                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 50            | 4.0              | -0.316                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 20            | 3.8              | -4.919                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 836.5      | 4.0           | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 2.172            | 0.0026                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -3.333                | -2.5 to 2.5 | Pass    |  |  |  |  |
| 16QAM      | 836.5           | 50            | 0      | -20        | 4.0           | -2.295           | -0.0027               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | 0.533                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | -3.759                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 10         | 4.0           | -1.866           | -0.0022               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | 1.010                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 40            | 4.0              | 1.149                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 844        | 50            | 4.0              | 0.505                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 20            | 3.8              | -2.440                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -3.670           | -0.0043               | -2.5 to 2.5 | Pass    |  |  |  |  |
| 16QAM      | 844             | 50            | 0      | 4.2        | 4.2           | -2.176           | -0.0026               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -30           | 4.0              | -1.088                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | -1.390                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -10        | 4.0           | -4.263           | -0.0051               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 0             | 4.0              | 1.174                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -1.617                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 30         | 4.0           | -4.776           | -0.0057               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 40            | 4.0              | 2.189                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 50            | 4.0              | 0.239                 | -2.5 to 2.5 | Pass    |  |  |  |  |
| 16QAM      | 829             | 50            | 0      | 20         | 3.8           | -1.135           | -0.0014               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.0           | -2.358           | -0.0028               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 4.2           | 1.764            | 0.0021                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | -30        | 4.0           | 1.576            | 0.0019                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -20           | 4.0              | 0.945                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | -10           | 4.0              | 0.993                 | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        | 0          | 4.0           | -2.568           | -0.0031               | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 10            | 4.0              | -2.825                | -2.5 to 2.5 | Pass    |  |  |  |  |
|            |                 |               |        |            | 30            | 4.0              | -2.865                | -2.5 to 2.5 | Pass    |  |  |  |  |

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|       |       |    |   |     |        |         |             |             |      |
|-------|-------|----|---|-----|--------|---------|-------------|-------------|------|
|       |       |    |   | 40  | 4.0    | 0.867   | 0.0010      | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | 2.721   | 0.0033      | -2.5 to 2.5 | Pass |
| 836.5 | 50    | 0  |   | 3.8 | 0.636  | 0.0008  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 1.874   | 0.0022      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | 4.114  | 0.0049  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | 0.092   | 0.0001      | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -2.339  | -0.0028     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | -2.626  | -0.0031     | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -1.975  | -0.0024     | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | 0.226   | 0.0003      | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | -0.066  | -0.0001     | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -2.974  | -0.0036     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -1.725  | -0.0021     | -2.5 to 2.5 | Pass |
| 844   | 50    | 0  |   | 3.8 | -2.129 | -0.0025 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | -3.518  | -0.0042     | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -1.980 | -0.0023 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | -0.112  | -0.0001     | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -1.232  | -0.0015     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | -1.615  | -0.0019     | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | 0.382   | 0.0005      | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | -2.942  | -0.0035     | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | 2.412   | 0.0029      | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -3.403  | -0.0040     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -2.848  | -0.0034     | -2.5 to 2.5 | Pass |
| 829   | 50    | 0  |   | 3.8 | -3.352 | -0.0040 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | -2.209  | -0.0027     | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | 1.628  | 0.0020  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | 1.450   | 0.0017      | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -3.574  | -0.0043     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | -3.770  | -0.0045     | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | 2.387   | 0.0029      | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | 2.368   | 0.0029      | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | -3.747  | -0.0045     | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -1.467  | -0.0018     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -1.270  | -0.0015     | -2.5 to 2.5 | Pass |
| 64QAM | 836.5 | 50 | 0 | 3.8 | 1.391  | 0.0017  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 2.516   | 0.0030      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -4.430 | -0.0053 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | -1.250  | -0.0015     | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | 1.957   | 0.0023      | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | 2.284   | 0.0027      | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -4.021  | -0.0048     | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | 2.748   | 0.0033      | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | -1.686  | -0.0020     | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | 2.860   | 0.0034      | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -3.851  | -0.0046     | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 3.8 | -1.534 | -0.0018 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 0.607   | 0.0007      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | 2.706  | 0.0032  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | -2.305  | -0.0027     | -2.5 to 2.5 | Pass |

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|  |  |  |  |     |     |        |         |             |      |
|--|--|--|--|-----|-----|--------|---------|-------------|------|
|  |  |  |  | -20 | 4.0 | 2.183  | 0.0026  | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 4.0 | 3.623  | 0.0043  | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 4.0 | 0.679  | 0.0008  | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 4.0 | -4.443 | -0.0053 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 4.0 | -1.239 | -0.0015 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 4.0 | 4.111  | 0.0049  | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 4.0 | -3.520 | -0.0042 | -2.5 to 2.5 | Pass |



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## 1.5 B26c\_15MHz

## 1.5.1 Test Result

| Modulation | Frequency (MHz) | Band: 26c / Bandwidth: 15MHz |        |            |               | Freq. vs. Rated (ppm) | Verdict |             |      |
|------------|-----------------|------------------------------|--------|------------|---------------|-----------------------|---------|-------------|------|
|            |                 | RB Allocation                |        | Temp. (°C) | Voltage (VDC) |                       |         |             |      |
|            |                 | Size                         | Offset |            |               |                       |         |             |      |
| QPSK       | 821.5           | 75                           | 0      | 20         | 3.8           | 0.167                 | 0.0002  | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.0           | 3.826                 | 0.0047  | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.2           | 2.785                 | 0.0034  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -30        | 4.0           | -0.446                | -0.0005 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -20        | 4.0           | -2.600                | -0.0032 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -10        | 4.0           | 3.943                 | 0.0048  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 0          | 4.0           | 5.112                 | 0.0062  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 10         | 4.0           | 2.002                 | 0.0024  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 30         | 4.0           | 0.008                 | 0.0000  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 40         | 4.0           | -0.434                | -0.0005 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 50         | 4.0           | -2.191                | -0.0027 | -2.5 to 2.5 | Pass |
|            | 831.5           | 75                           | 0      | 20         | 3.8           | 4.187                 | 0.0050  | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.0           | -2.518                | -0.0030 | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.2           | -2.464                | -0.0030 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -30        | 4.0           | 0.422                 | 0.0005  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -20        | 4.0           | 0.733                 | 0.0009  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -10        | 4.0           | -0.759                | -0.0009 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 0          | 4.0           | -0.675                | -0.0008 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 10         | 4.0           | -3.148                | -0.0038 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 30         | 4.0           | -2.279                | -0.0027 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 40         | 4.0           | 0.882                 | 0.0011  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 50         | 4.0           | 1.939                 | 0.0023  | -2.5 to 2.5 | Pass |
|            | 841.5           | 75                           | 0      | 20         | 3.8           | 1.516                 | 0.0018  | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.0           | -3.492                | -0.0041 | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.2           | 0.499                 | 0.0006  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -30        | 4.0           | 0.413                 | 0.0005  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -20        | 4.0           | 3.962                 | 0.0047  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -10        | 4.0           | -3.413                | -0.0041 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 0          | 4.0           | 2.924                 | 0.0035  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 10         | 4.0           | 1.816                 | 0.0022  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 30         | 4.0           | -1.097                | -0.0013 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 40         | 4.0           | 3.408                 | 0.0040  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 50         | 4.0           | 4.225                 | 0.0050  | -2.5 to 2.5 | Pass |
| 16QAM      | 821.5           | 75                           | 0      | 20         | 3.8           | 2.178                 | 0.0027  | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.0           | 1.543                 | 0.0019  | -2.5 to 2.5 | Pass |
|            |                 |                              |        |            | 4.2           | 4.576                 | 0.0056  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -30        | 4.0           | 2.532                 | 0.0031  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -20        | 4.0           | 2.078                 | 0.0025  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | -10        | 4.0           | -0.365                | -0.0004 | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 0          | 4.0           | 0.298                 | 0.0004  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 10         | 4.0           | 3.615                 | 0.0044  | -2.5 to 2.5 | Pass |
|            |                 |                              |        | 30         | 4.0           | 2.832                 | 0.0034  | -2.5 to 2.5 | Pass |



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|       |       |    |   |     |        |         |             |             |      |
|-------|-------|----|---|-----|--------|---------|-------------|-------------|------|
|       |       |    |   | 40  | 4.0    | -3.821  | -0.0047     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | 2.852   | 0.0035      | -2.5 to 2.5 | Pass |
| 831.5 | 75    | 0  |   | 3.8 | -1.645 | -0.0020 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | -2.560  | -0.0031     | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -3.022 | -0.0036 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | -0.248  | -0.0003     | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -1.484  | -0.0018     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | -2.384  | -0.0029     | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -3.052  | -0.0037     | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | -1.069  | -0.0013     | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | 4.850   | 0.0058      | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -2.544  | -0.0031     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -2.168  | -0.0026     | -2.5 to 2.5 | Pass |
|       |       |    |   | 3.8 | 3.585  | 0.0043  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 1.532   | 0.0018      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | 4.167  | 0.0050  | -2.5 to 2.5 | Pass        |      |
| 841.5 | 75    | 0  |   | -30 | 4.0    | 2.316   | 0.0028      | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -2.073  | -0.0025     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | -2.475  | -0.0029     | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -2.754  | -0.0033     | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | -4.279  | -0.0051     | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | 3.133   | 0.0037      | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -0.760  | -0.0009     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | 0.988   | 0.0012      | -2.5 to 2.5 | Pass |
|       |       |    |   | 3.8 | 2.189  | 0.0027  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 0.393   | 0.0005      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -1.949 | -0.0024 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | -1.129  | -0.0014     | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -0.657  | -0.0008     | -2.5 to 2.5 | Pass |
| 821.5 | 75    | 0  |   | -10 | 4.0    | 0.212   | 0.0003      | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -2.103  | -0.0026     | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | -3.041  | -0.0037     | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | -2.236  | -0.0027     | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | 1.269   | 0.0015      | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | 3.588   | 0.0044      | -2.5 to 2.5 | Pass |
|       |       |    |   | 3.8 | -1.144 | -0.0014 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | -2.487  | -0.0030     | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -0.219 | -0.0003 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | 2.254   | 0.0027      | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -2.785  | -0.0033     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | 2.769   | 0.0033      | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -3.505  | -0.0042     | -2.5 to 2.5 | Pass |
| 64QAM | 831.5 | 75 | 0 | 10  | 4.0    | -0.789  | -0.0009     | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | -0.176  | -0.0002     | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -0.300  | -0.0004     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -0.651  | -0.0008     | -2.5 to 2.5 | Pass |
|       |       |    |   | 3.8 | 0.311  | 0.0004  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 0.993   | 0.0012      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -3.088 | -0.0037 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | 1.288   | 0.0015      | -2.5 to 2.5 | Pass |
|       |       |    |   | 3.8 | -1.444 | -0.0014 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | -2.487  | -0.0030     | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -0.219 | -0.0003 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | 2.254   | 0.0027      | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 4.0    | -2.785  | -0.0033     | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 4.0    | 2.769   | 0.0033      | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 4.0    | -3.505  | -0.0042     | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 4.0    | -0.789  | -0.0009     | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 4.0    | -0.176  | -0.0002     | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 4.0    | -0.300  | -0.0004     | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 4.0    | -0.651  | -0.0008     | -2.5 to 2.5 | Pass |
|       |       |    |   | 3.8 | 0.311  | 0.0004  | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | 20  | 4.0    | 0.993   | 0.0012      | -2.5 to 2.5 | Pass |
|       |       |    |   | 4.2 | -3.088 | -0.0037 | -2.5 to 2.5 | Pass        |      |
|       |       |    |   | -30 | 4.0    | 1.288   | 0.0015      | -2.5 to 2.5 | Pass |

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|--|--|--|--|-----|-----|--------|---------|-------------|------|
|  |  |  |  | -20 | 4.0 | 2.147  | 0.0026  | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 4.0 | 3.238  | 0.0038  | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 4.0 | 4.874  | 0.0058  | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 4.0 | -3.865 | -0.0046 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 4.0 | -2.334 | -0.0028 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 4.0 | -4.473 | -0.0053 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 4.0 | -1.487 | -0.0018 | -2.5 to 2.5 | Pass |



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## 2. 99% &amp; 26dB Bandwidth

## 2.1 Band26b\_OBW

## 2.1.1 Test Result

| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.115                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.099                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.111                        | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.109                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.113                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.109                        | /     | Pass    |
|                 | 64QAM      | 824.7           | 6             | 0      | 1.104                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.100                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.103                        | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.747                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.752                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.745                        | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.736                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.729                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.753                        | /     | Pass    |
|                 | 64QAM      | 825.5           | 15            | 0      | 2.730                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.728                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.739                        | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.532                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.536                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.540                        | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.535                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.533                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.534                        | /     | Pass    |
|                 | 64QAM      | 826.5           | 25            | 0      | 4.540                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.548                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.548                        | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.028                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.045                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.001                        | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.036                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.034                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.000                        | /     | Pass    |
|                 | 64QAM      | 829             | 50            | 0      | 9.023                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.017                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.024                        | /     | Pass    |

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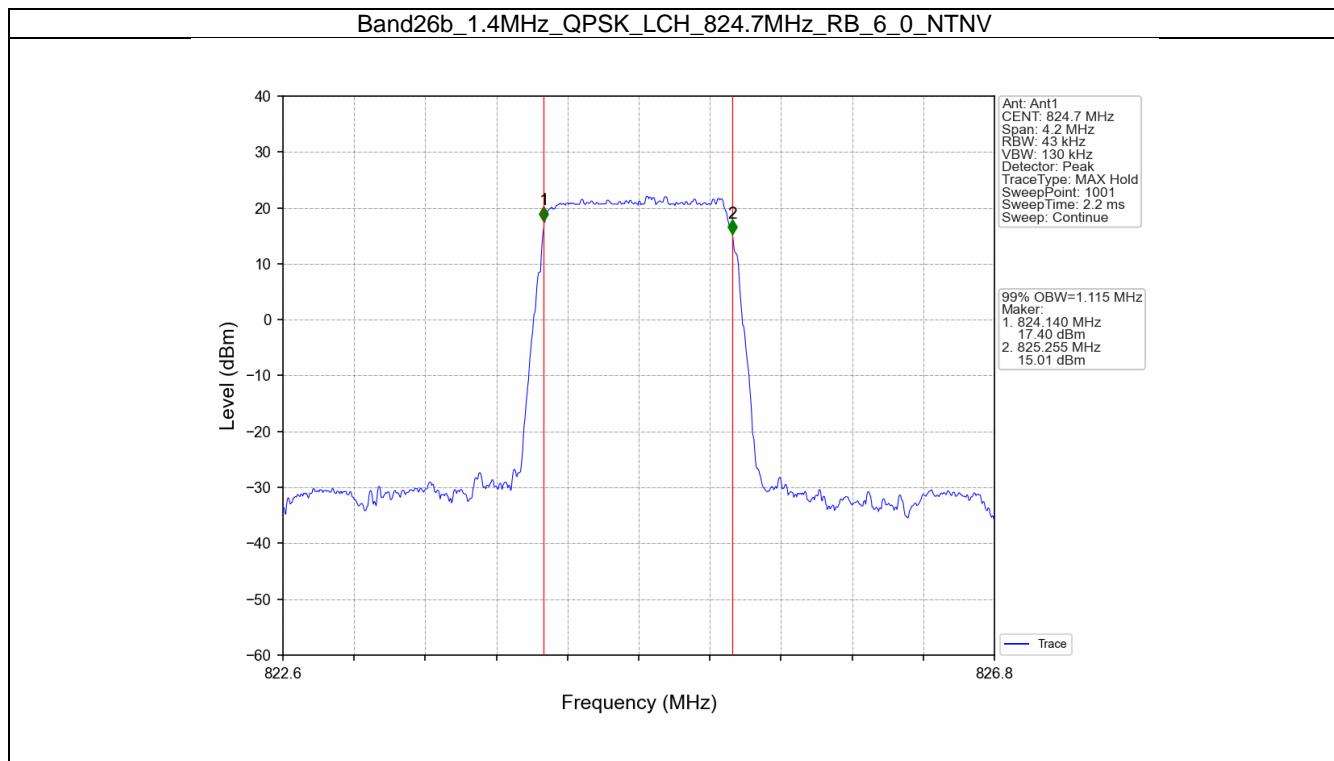
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## 2.1.2 Test Graph



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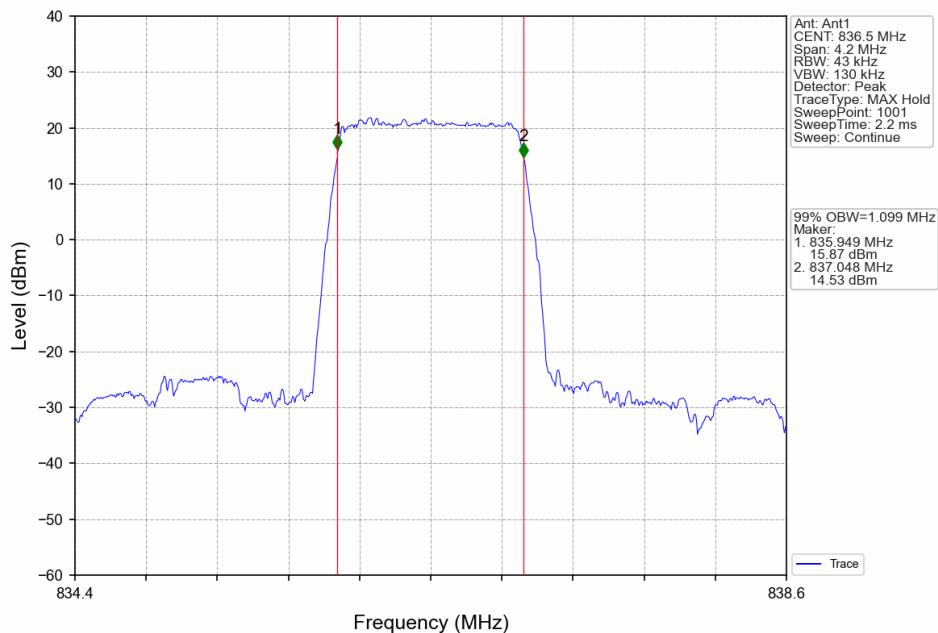


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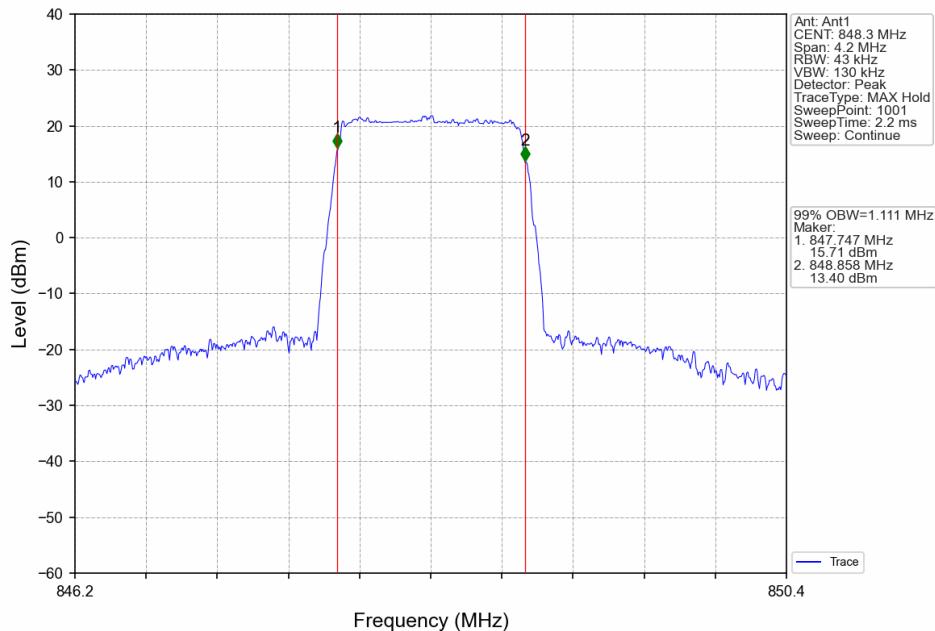
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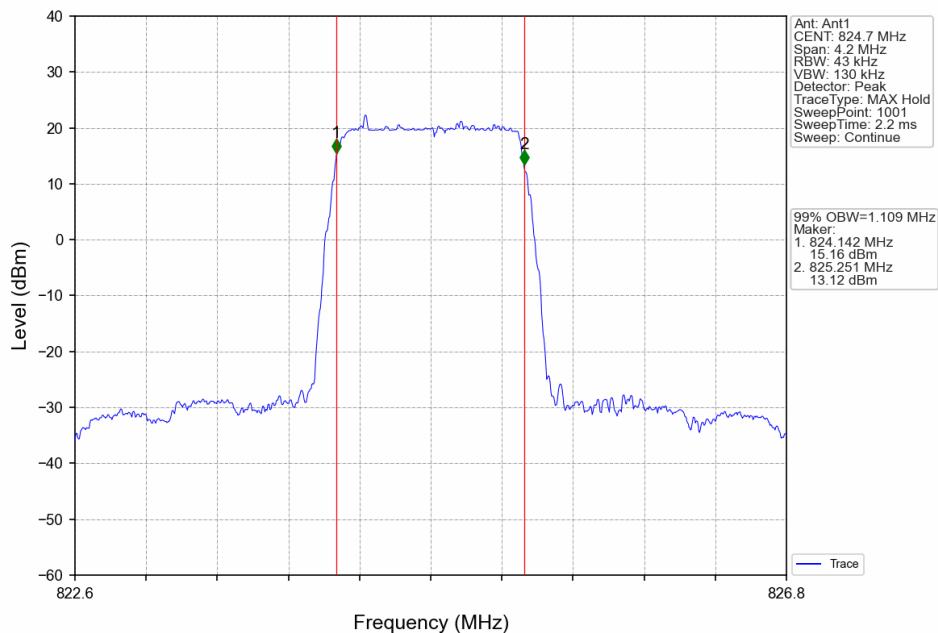


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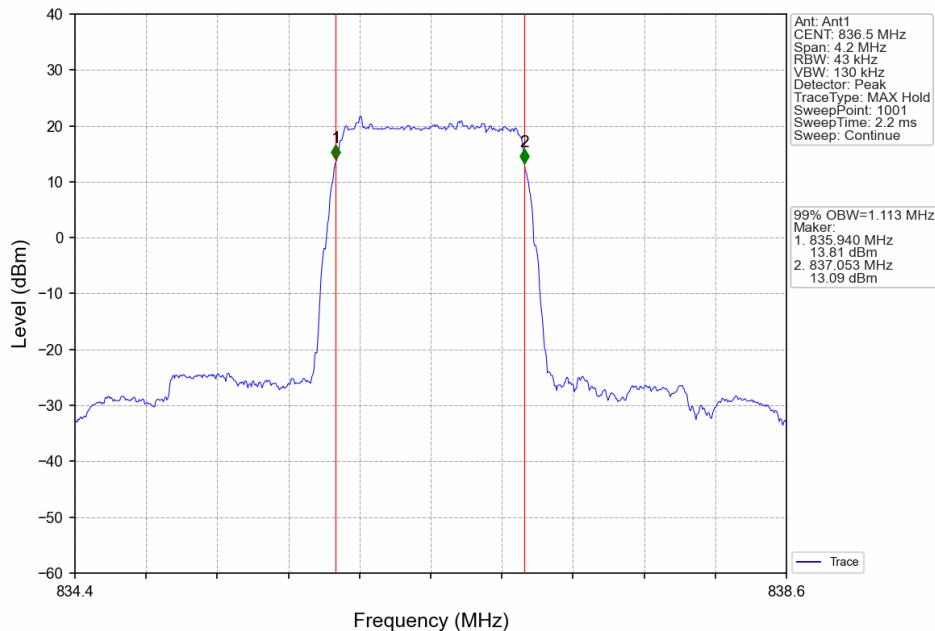


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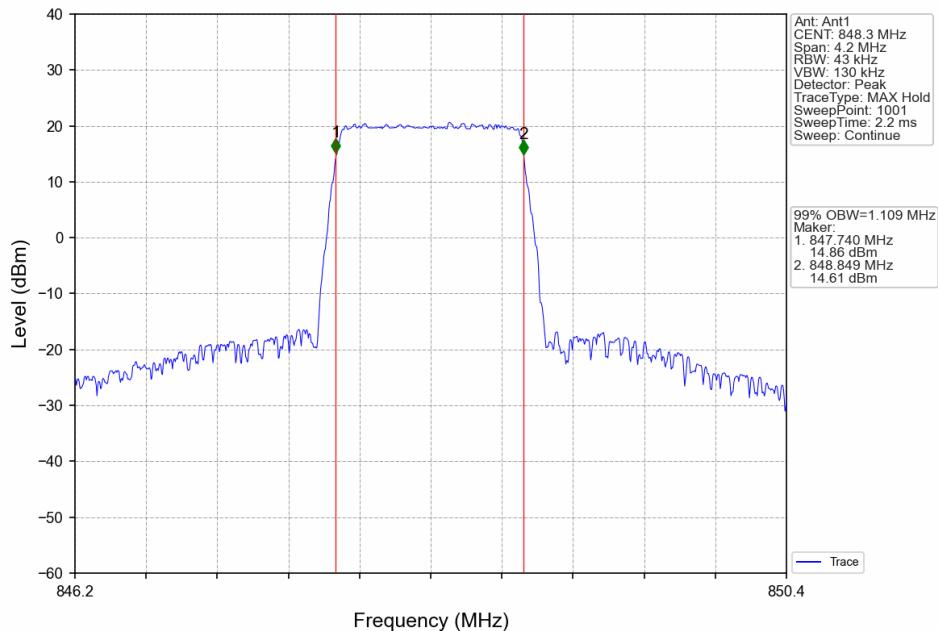


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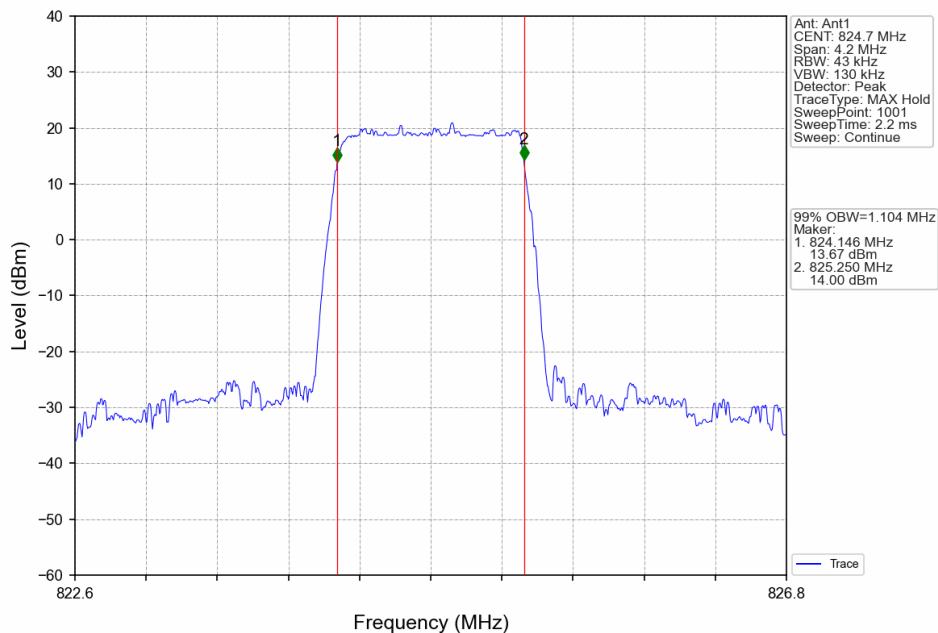


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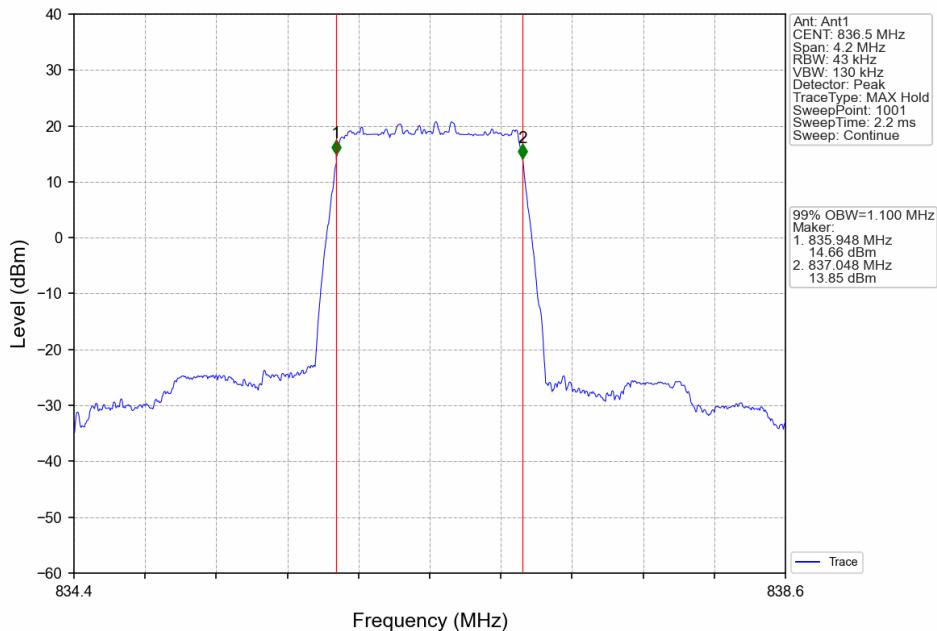


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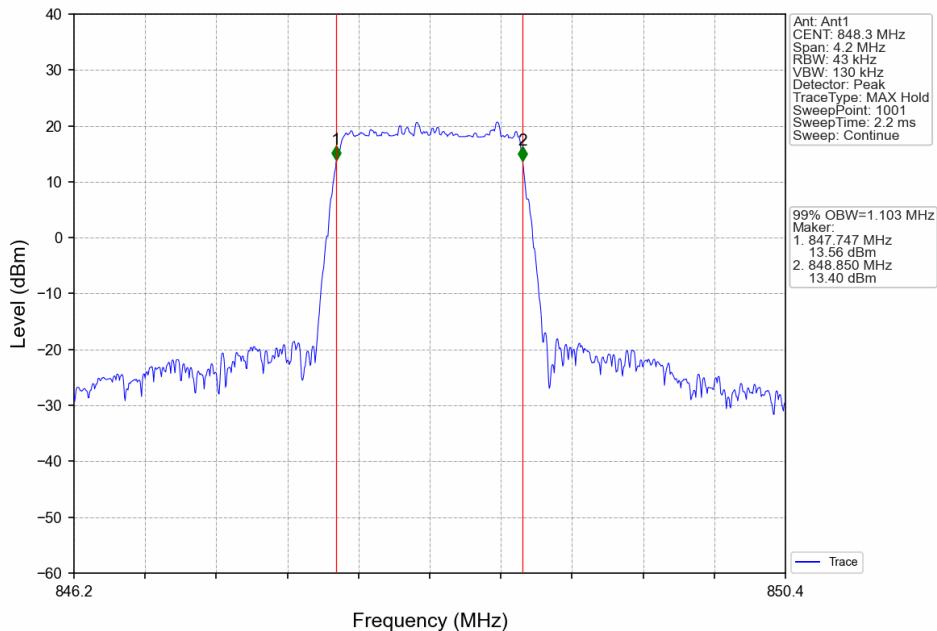


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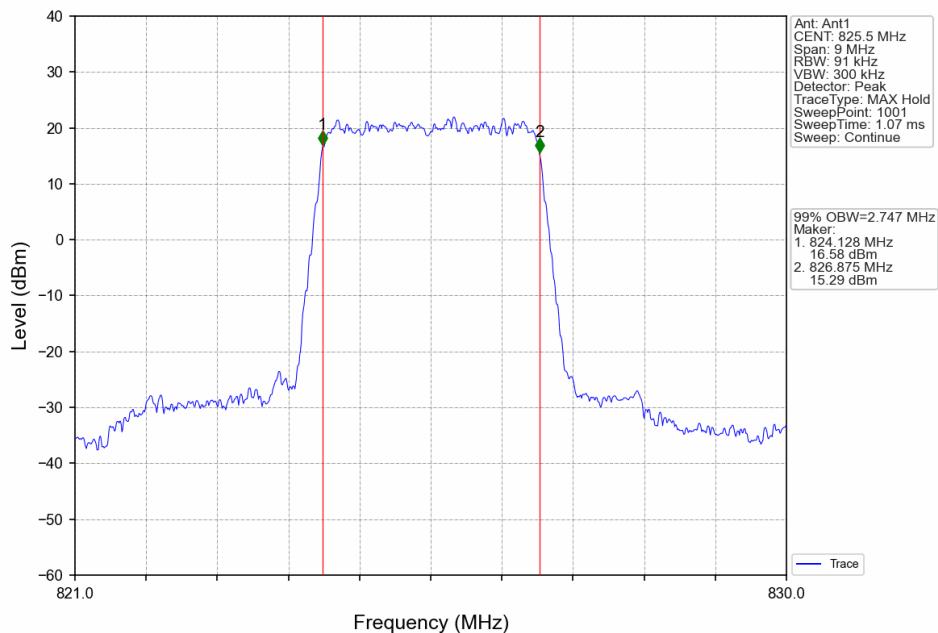


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Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



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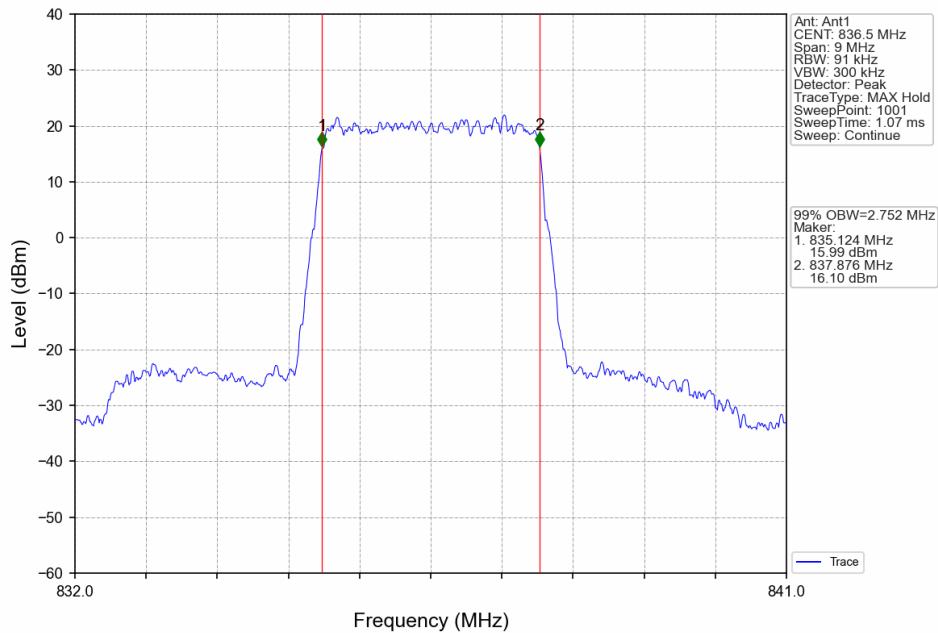


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Band26b\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



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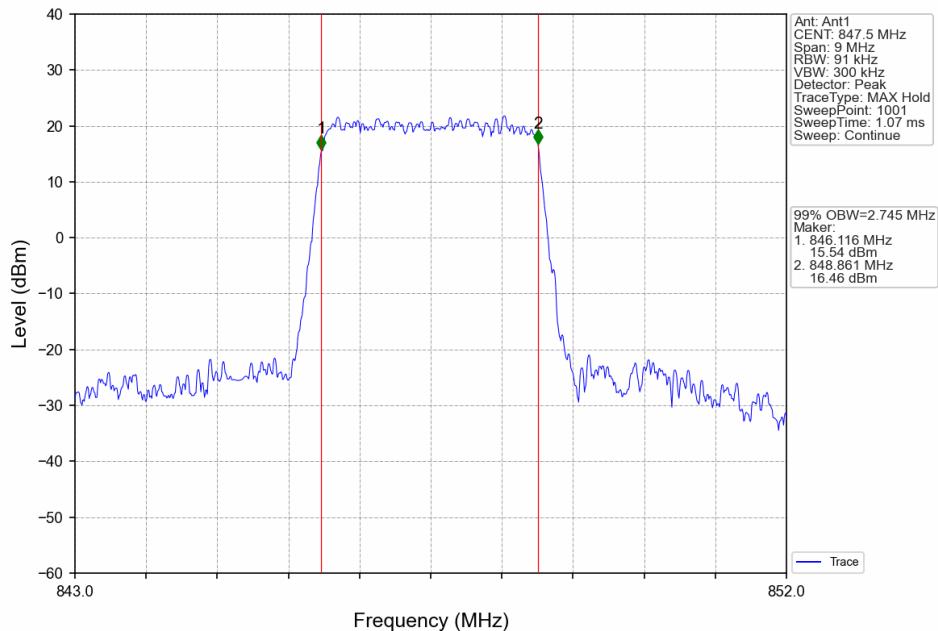


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Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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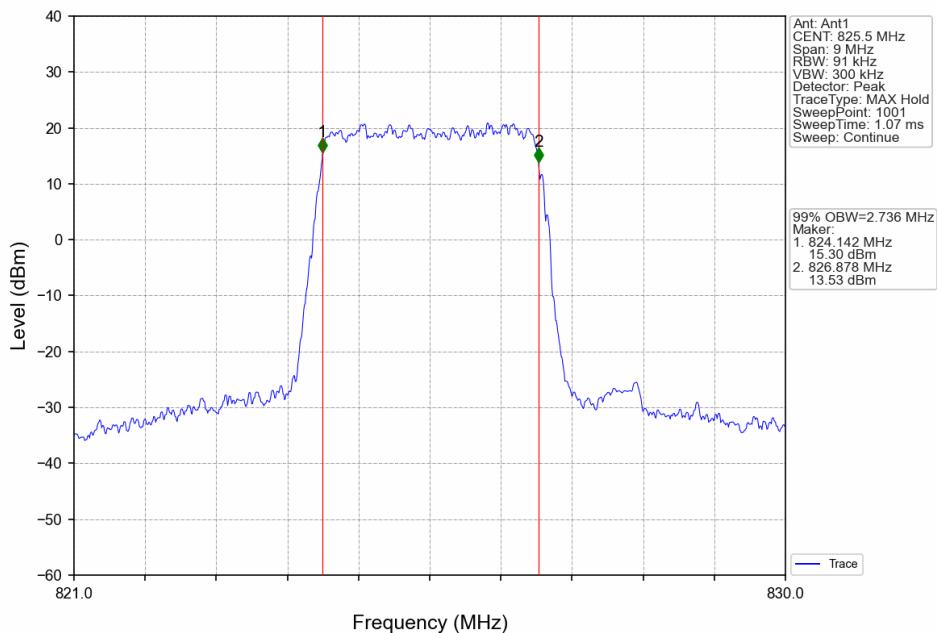


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Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



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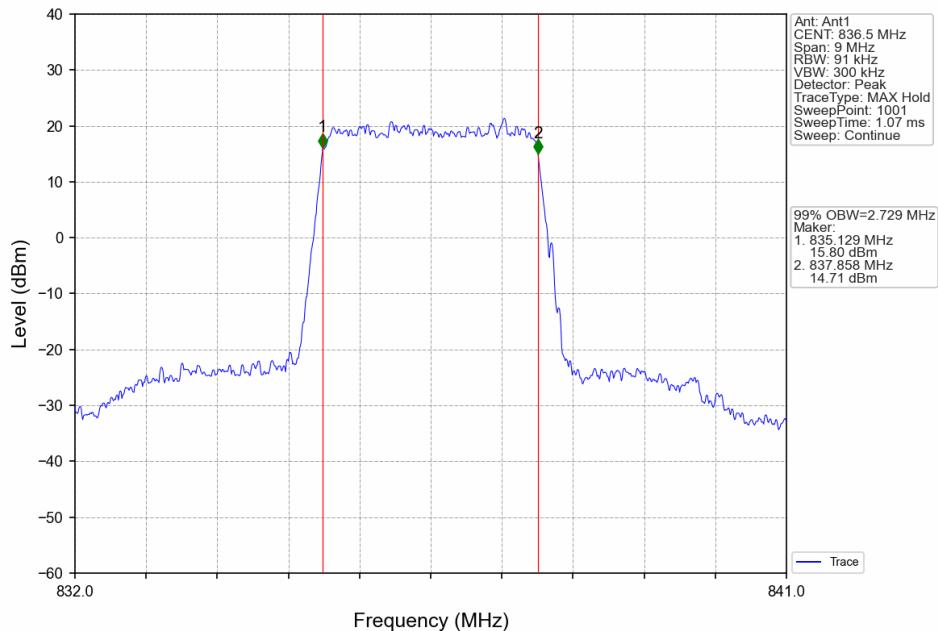


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Band26b\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



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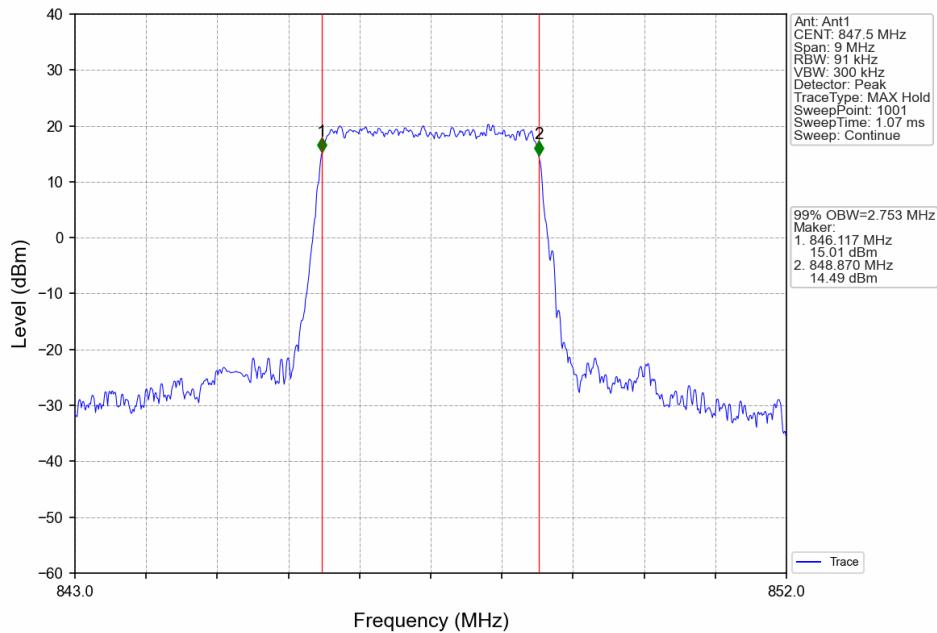


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Band26b\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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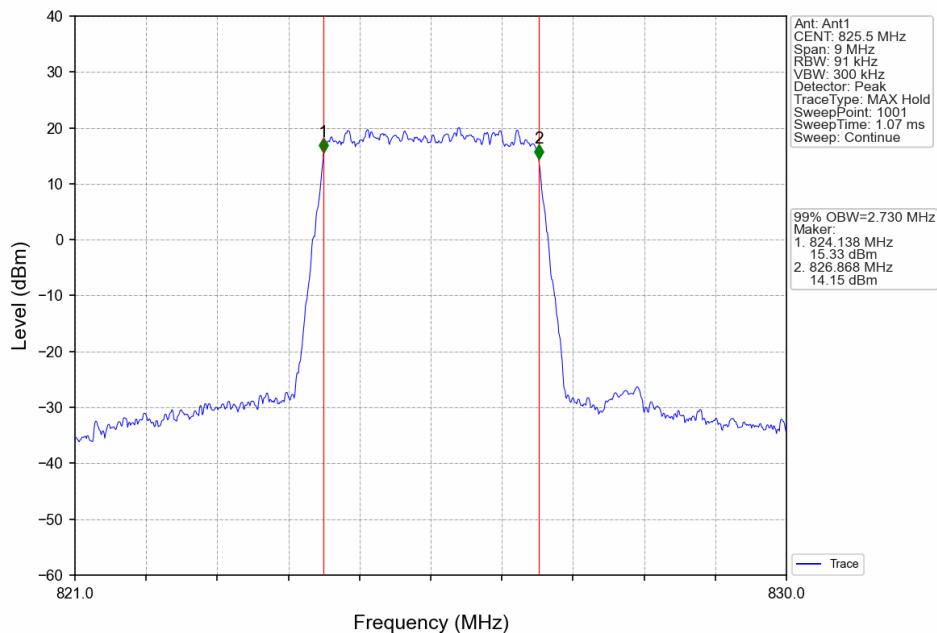


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Band26b\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



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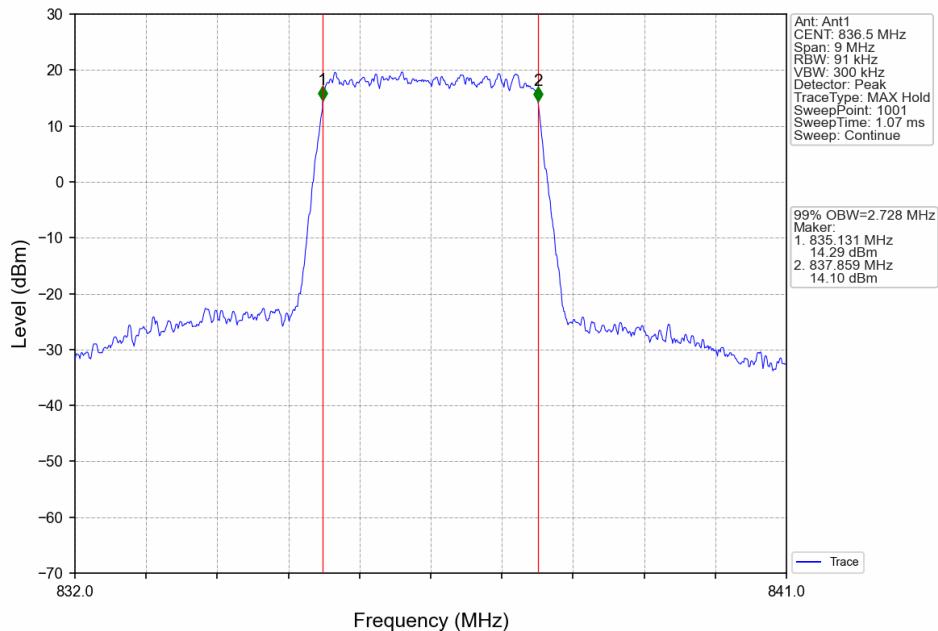


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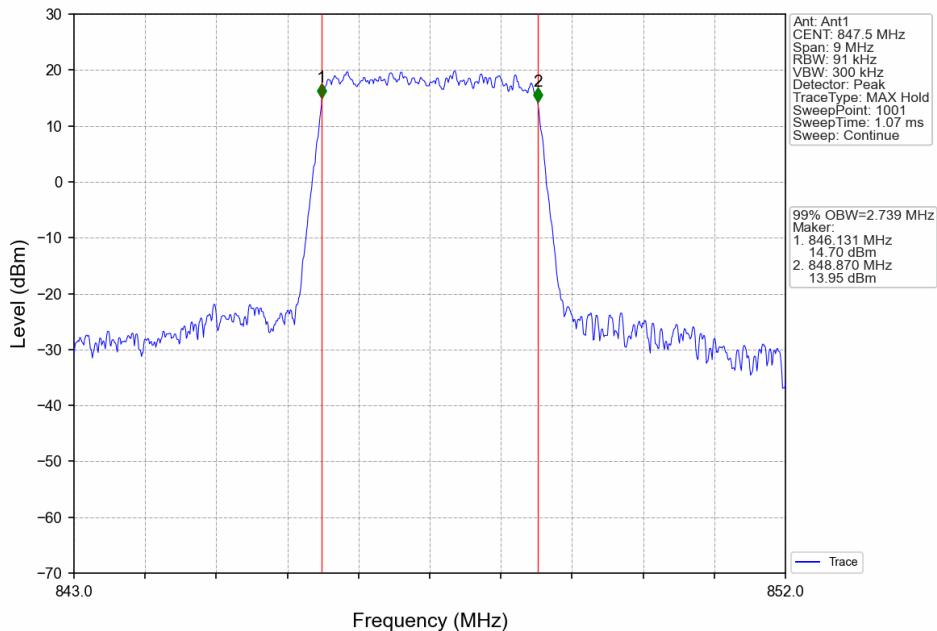


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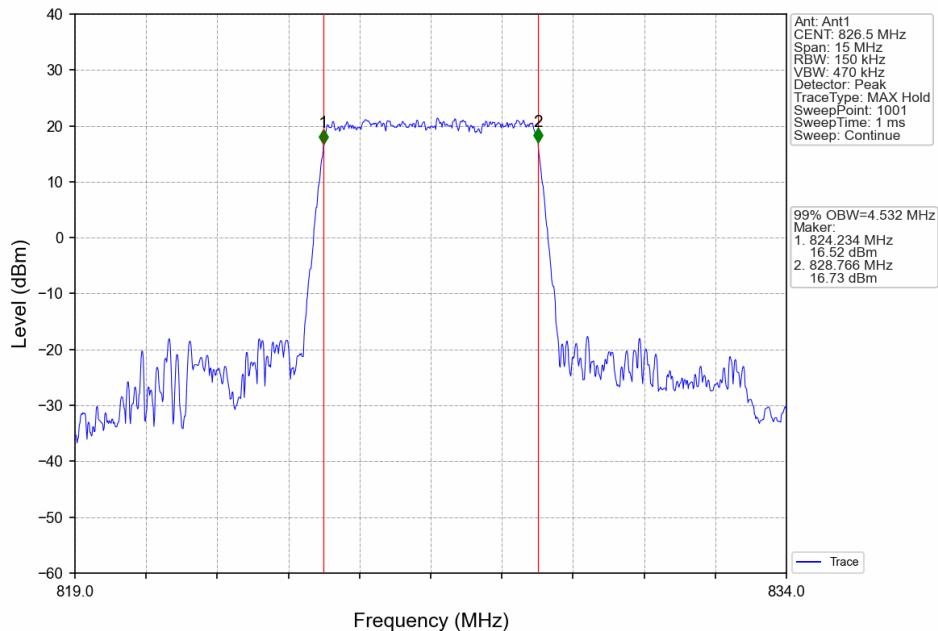


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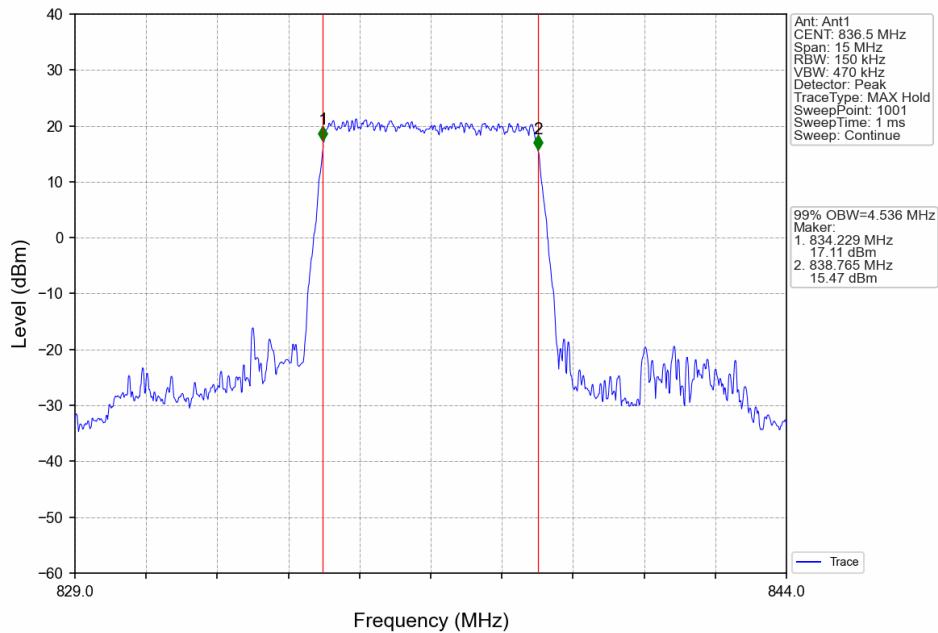


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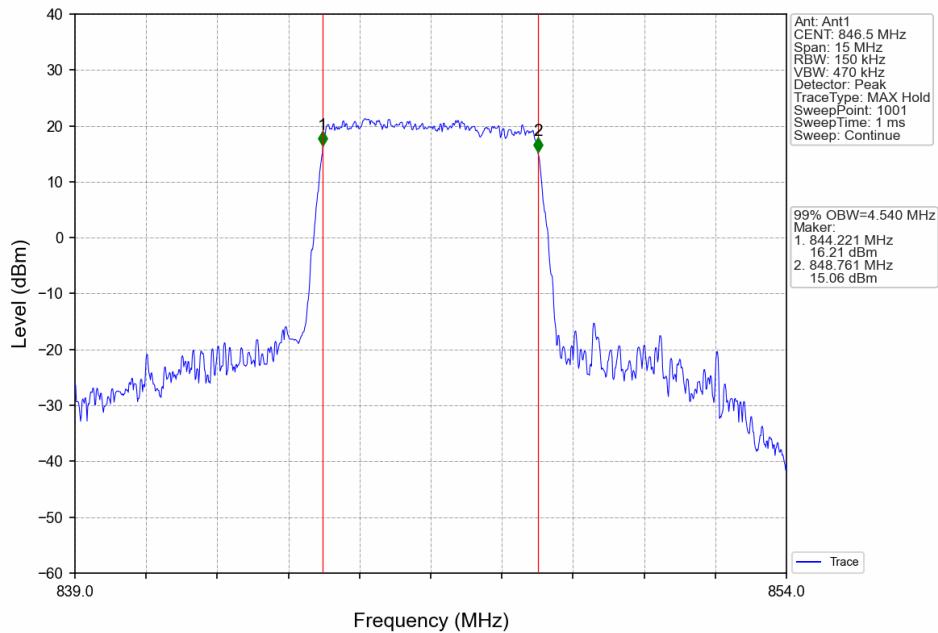


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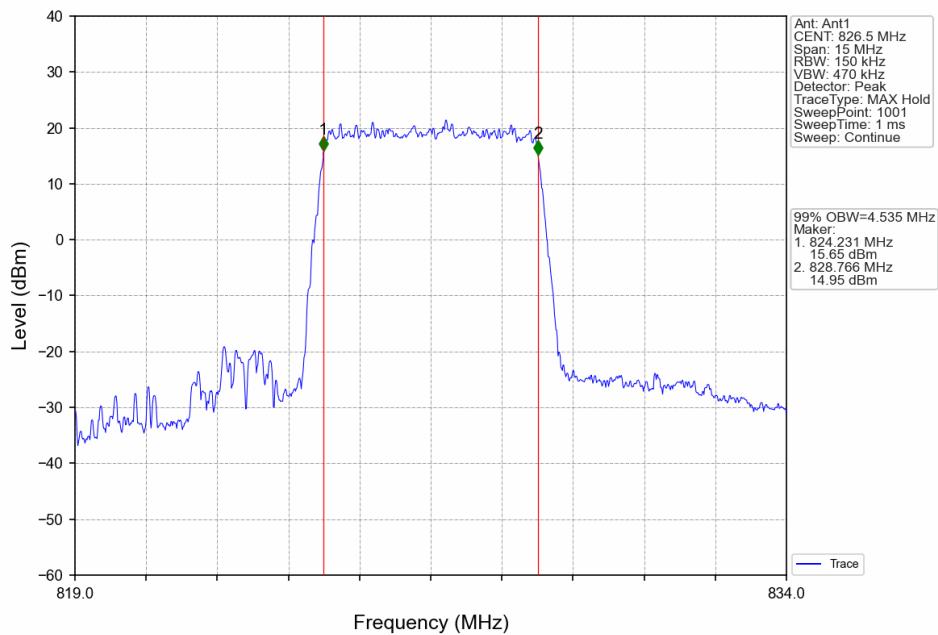


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Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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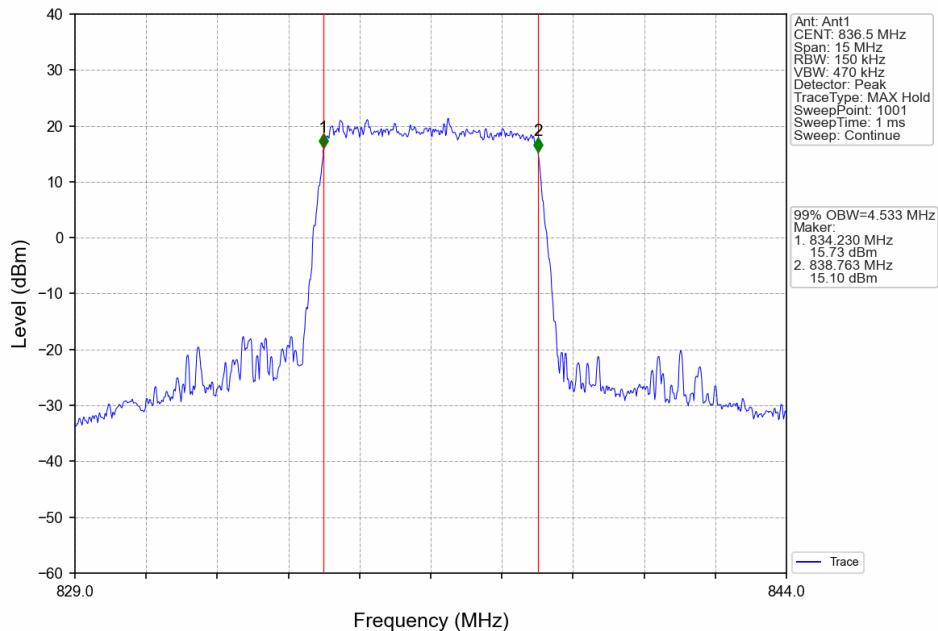


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Band26b\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



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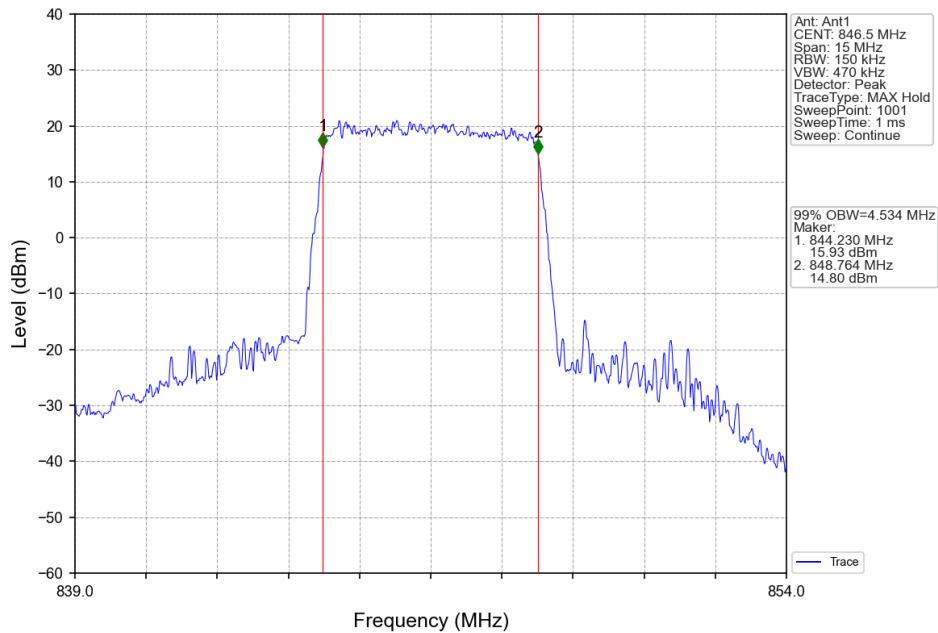


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Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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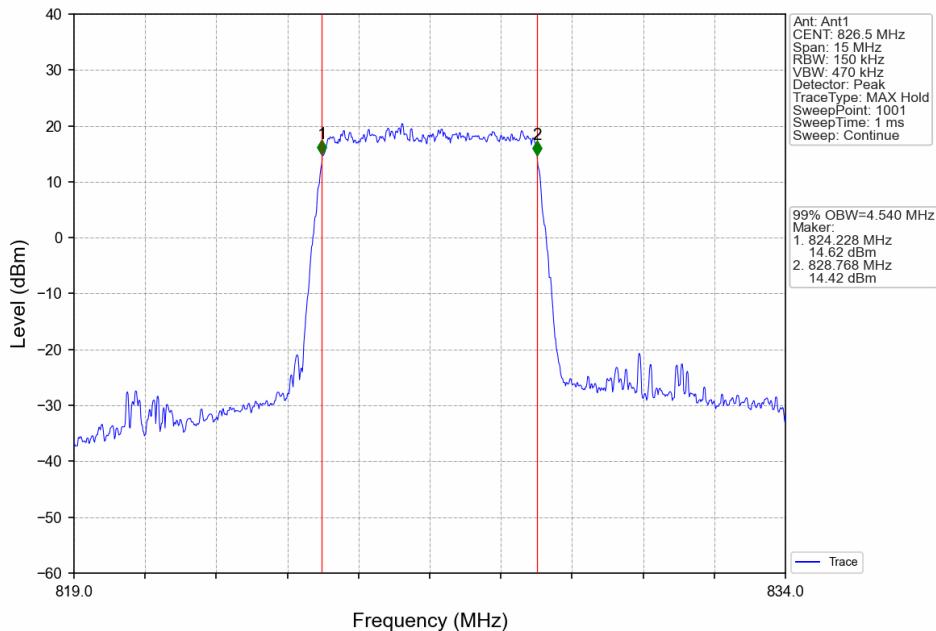


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Band26b\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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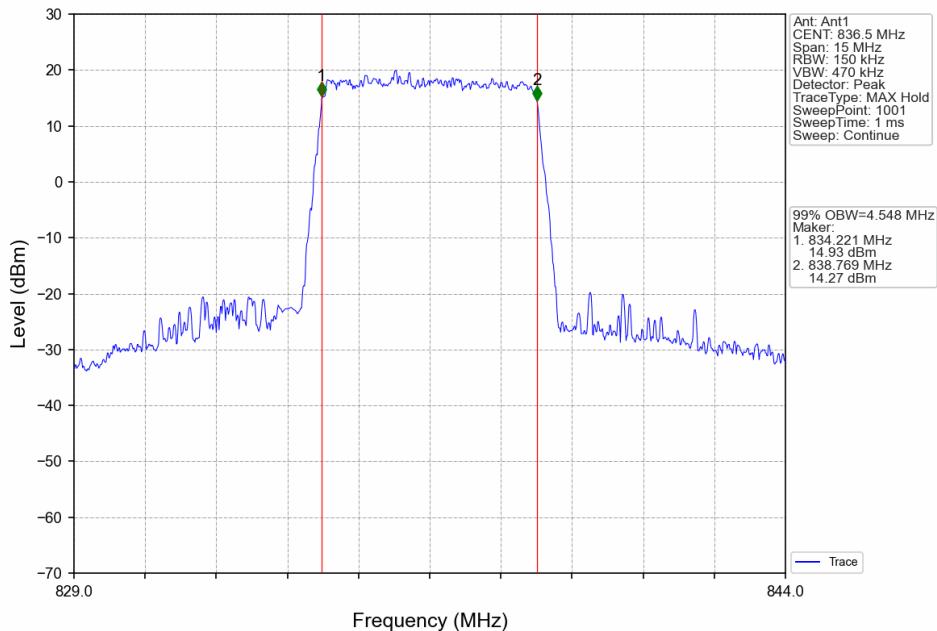


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Band26b\_5MHz\_64QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



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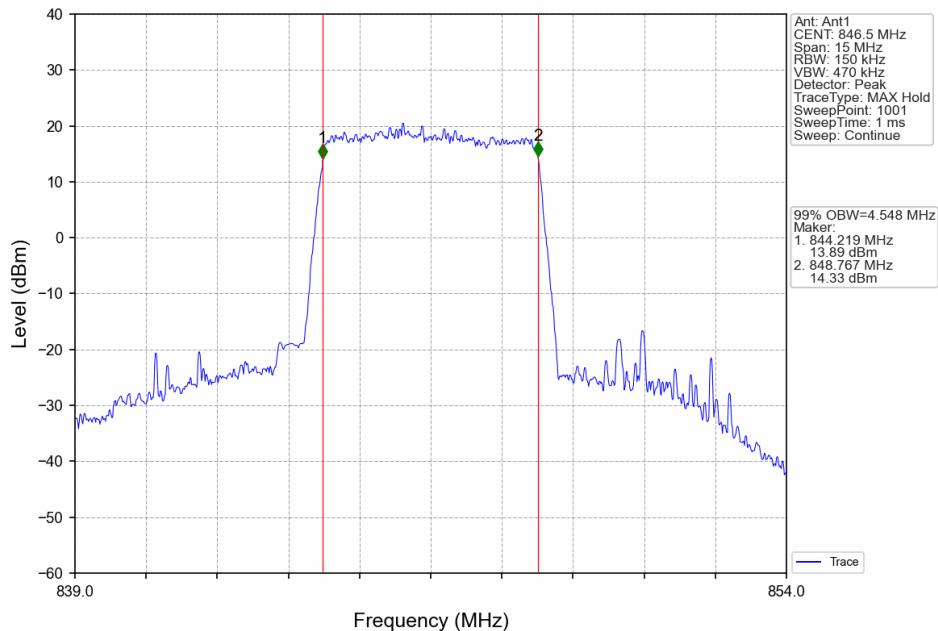


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Band26b\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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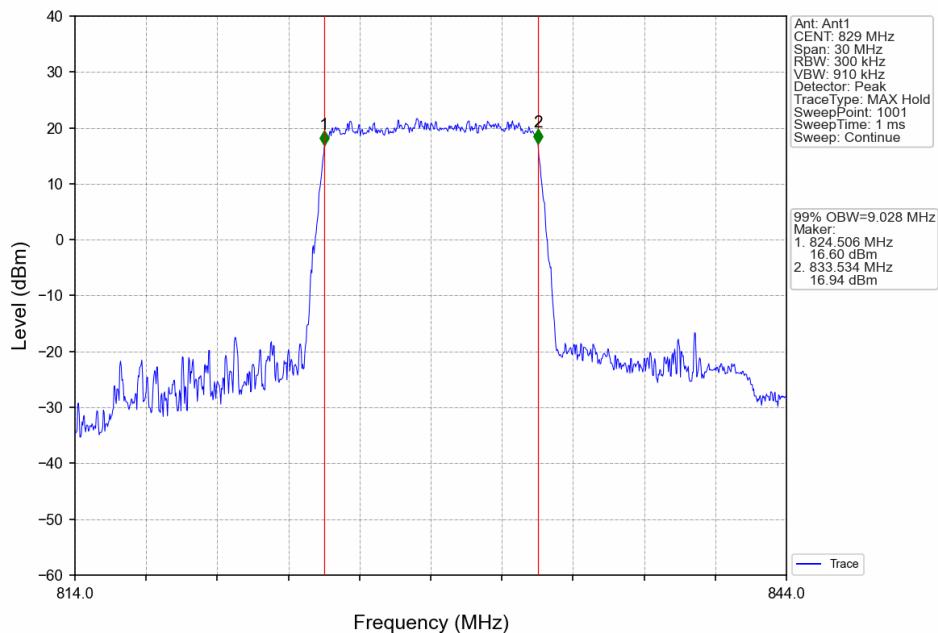


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Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



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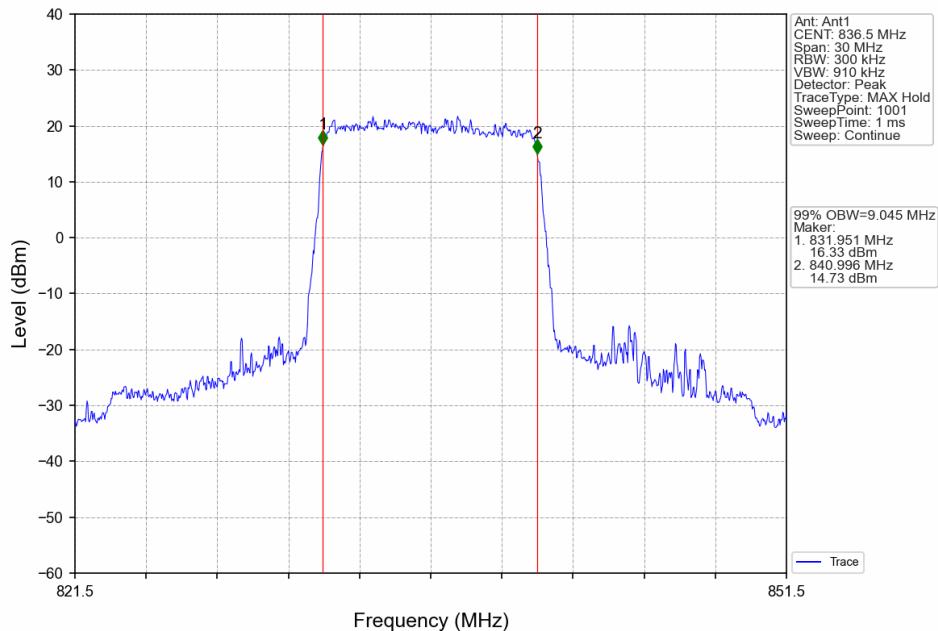


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Band26b\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



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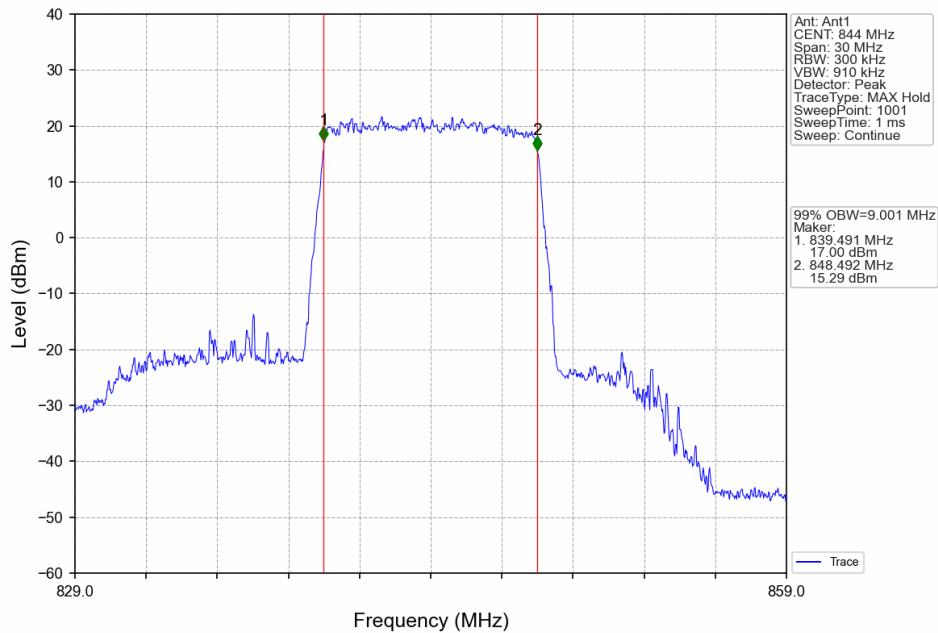


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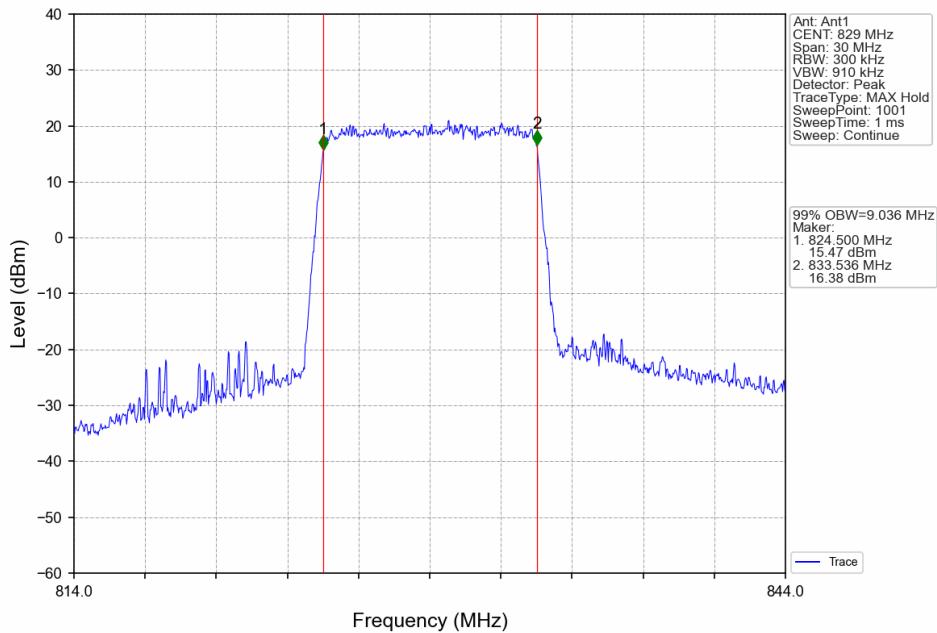


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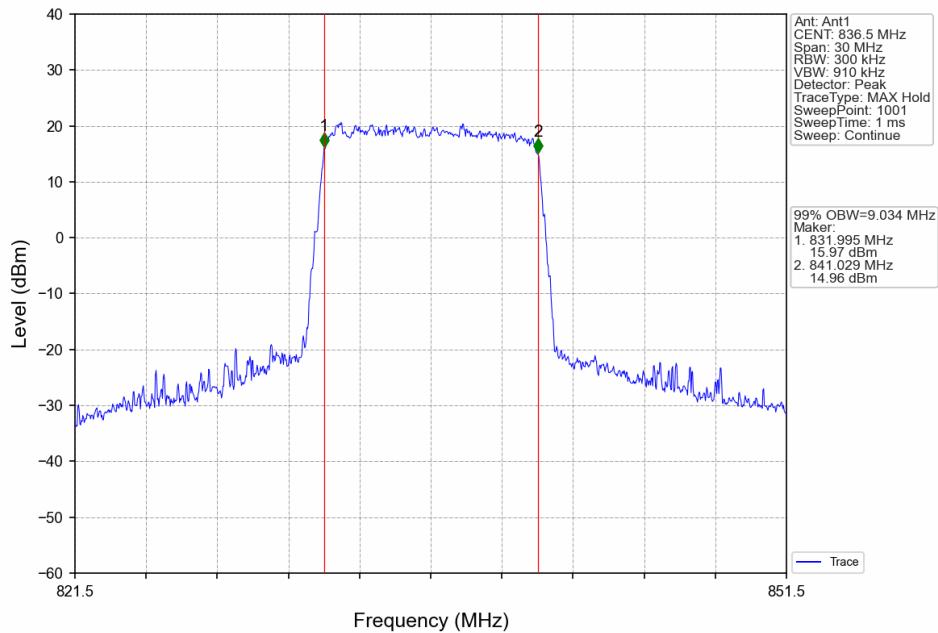


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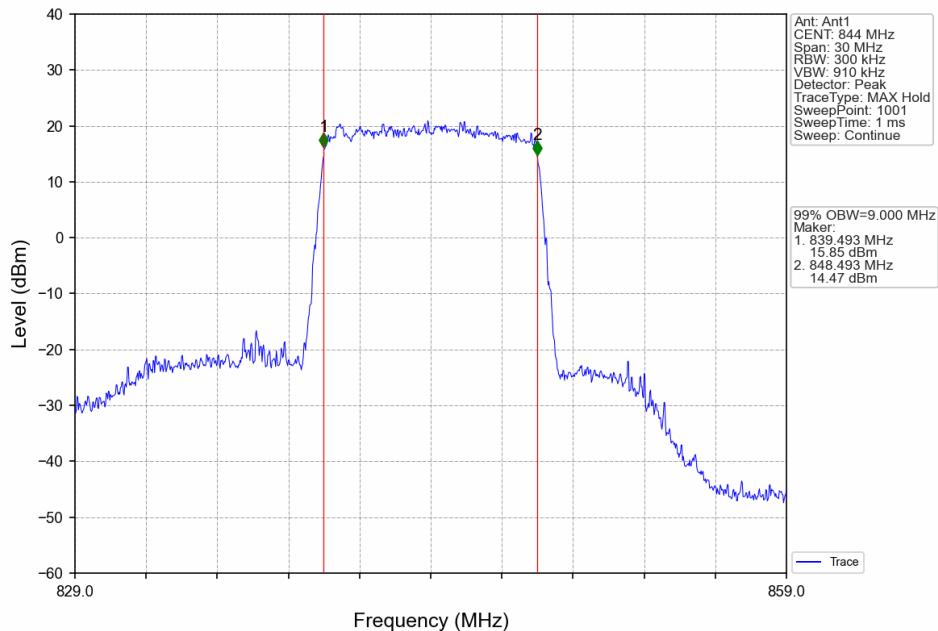


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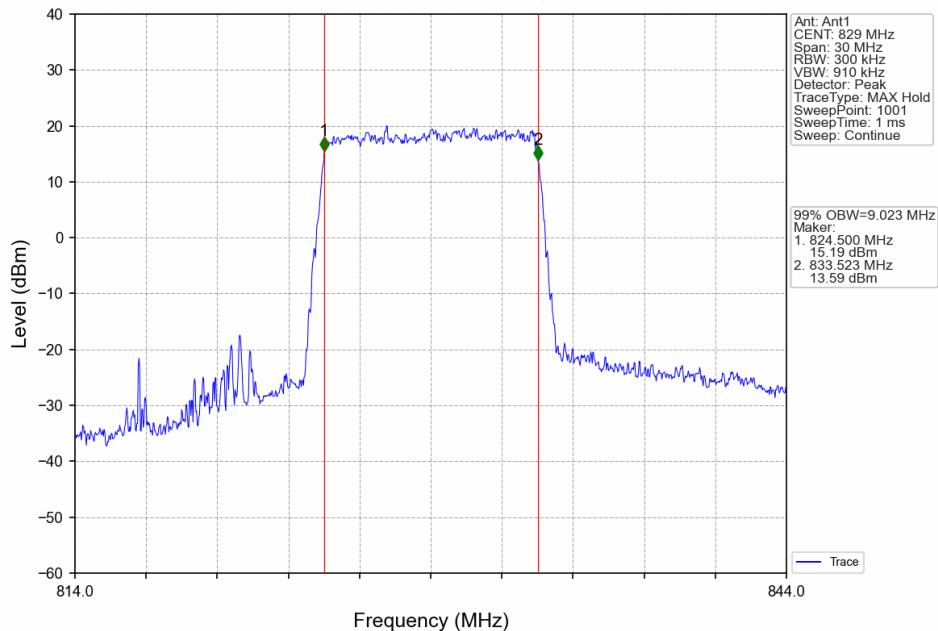


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Band26b\_10MHz\_64QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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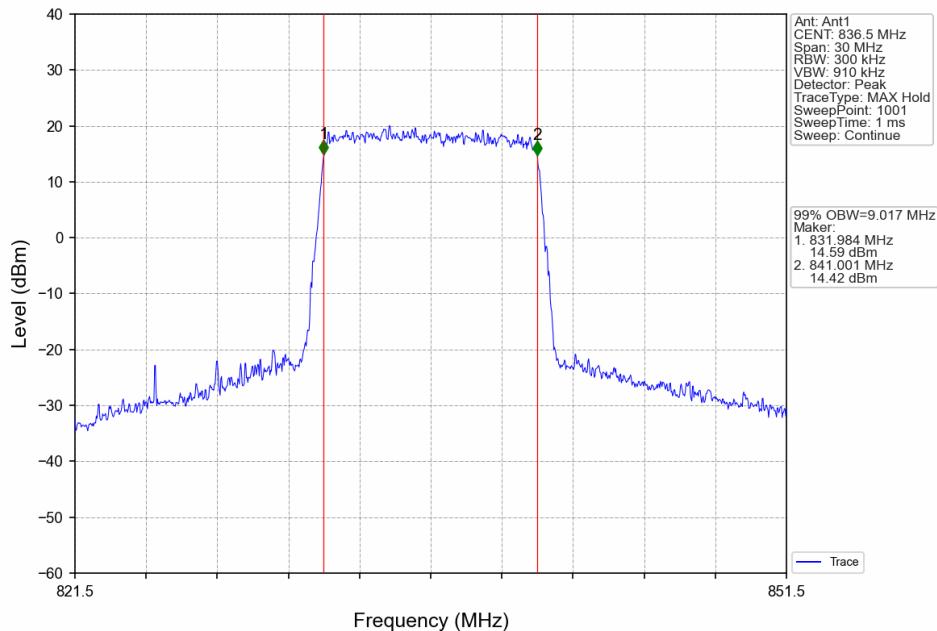


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Band26b\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



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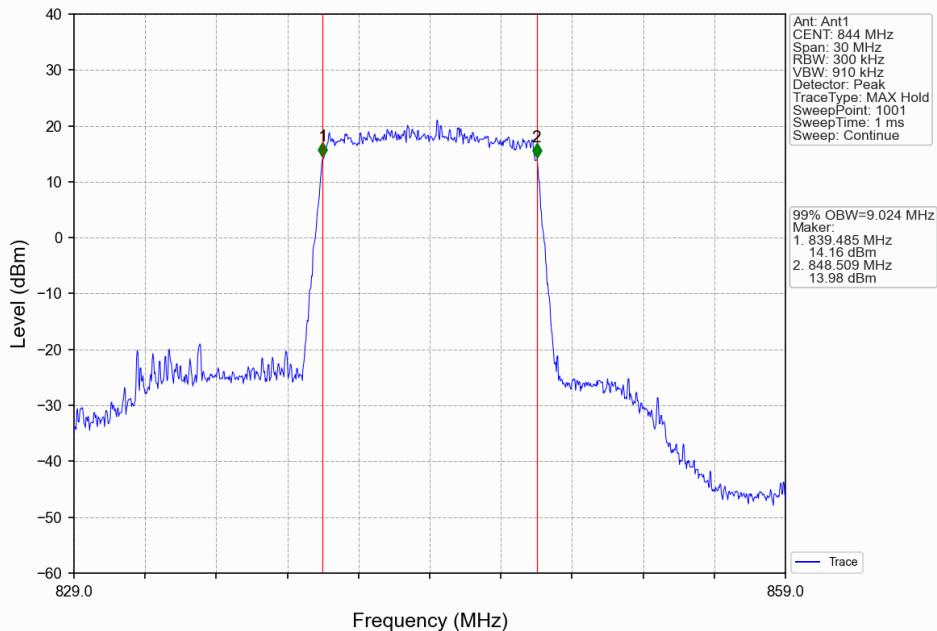


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## 2.2 Band26b\_XDB

### 2.2.1 Test Result

| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.263                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.269                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.272                | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.257                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.273                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.273                | /     | Pass    |
|                 | 64QAM      | 824.7           | 6             | 0      | 1.259                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.250                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.256                | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.083                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.081                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.053                | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.066                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.082                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.100                | /     | Pass    |
|                 | 64QAM      | 825.5           | 15            | 0      | 3.046                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.075                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.067                | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.039                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.049                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.047                | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 5.040                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.021                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.062                | /     | Pass    |
|                 | 64QAM      | 826.5           | 25            | 0      | 5.039                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.058                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.033                | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 10.021               | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.922                | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.967                | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.986                | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.935                | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.899                | /     | Pass    |
|                 | 64QAM      | 829             | 50            | 0      | 9.970                | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.941                | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.854                | /     | Pass    |

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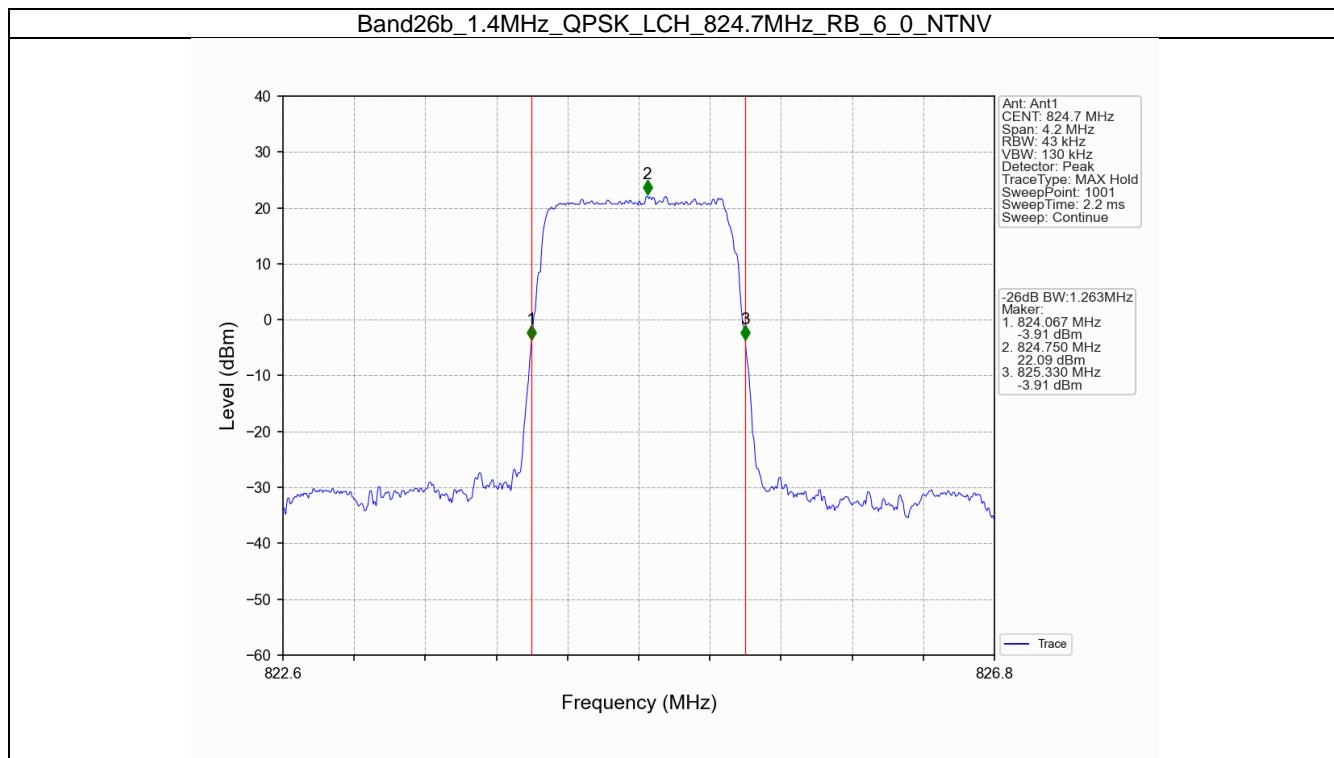
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## 2.2.2 Test Graph



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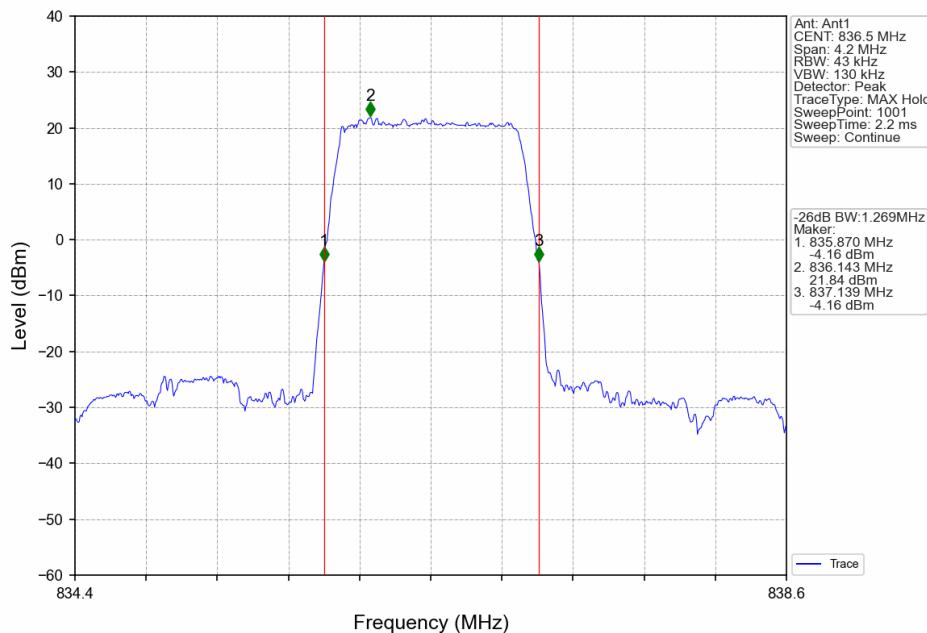


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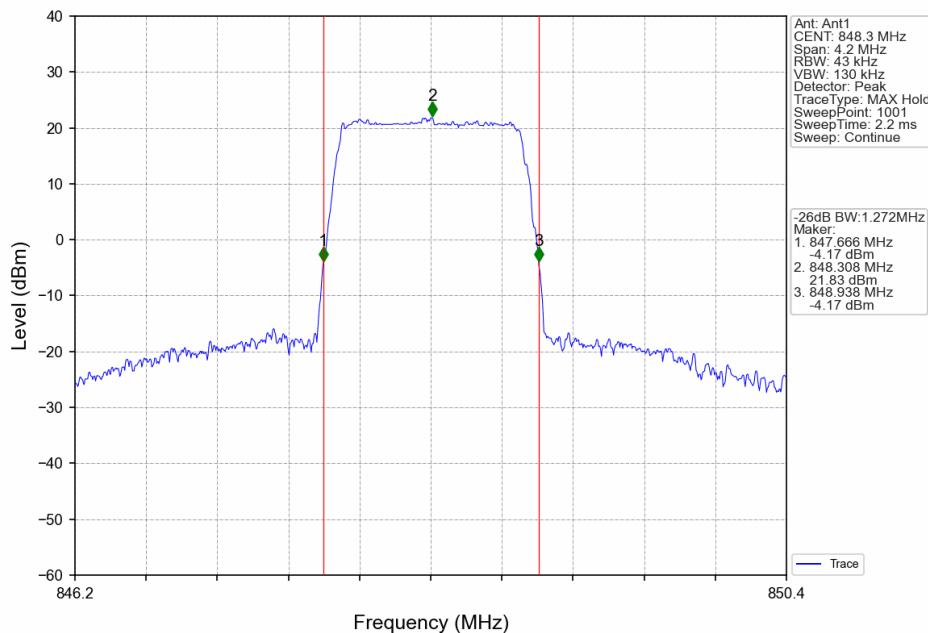
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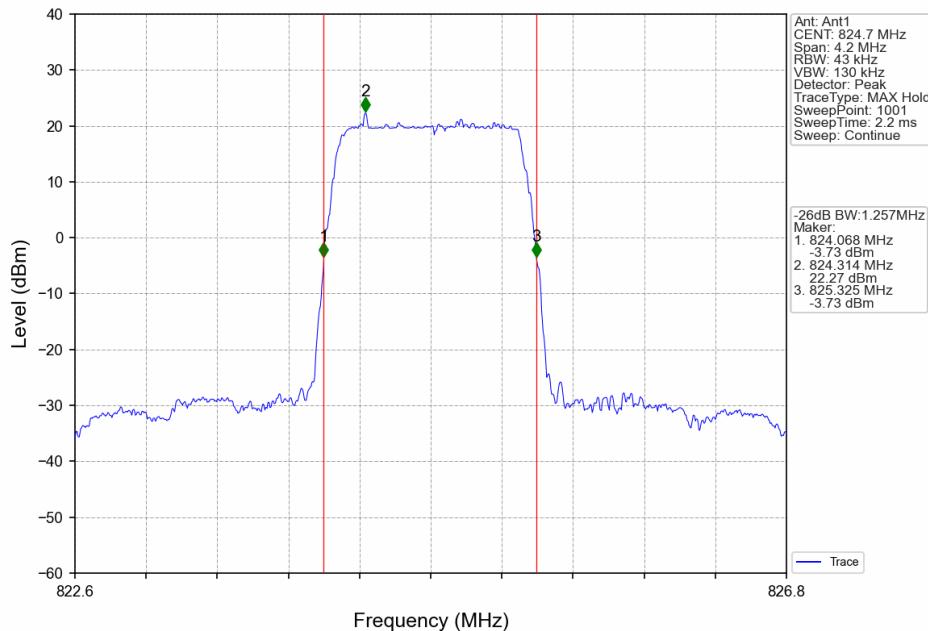
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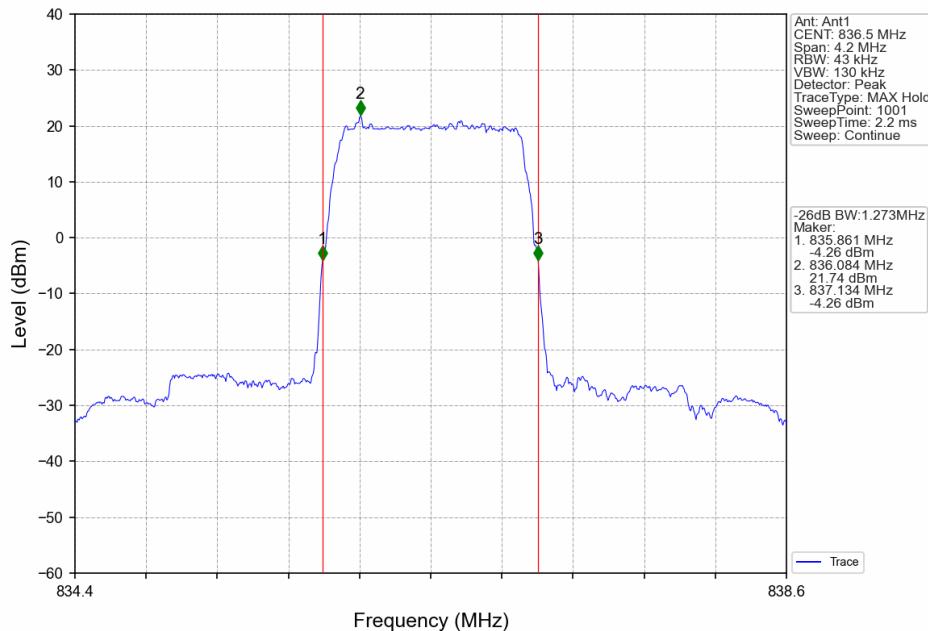
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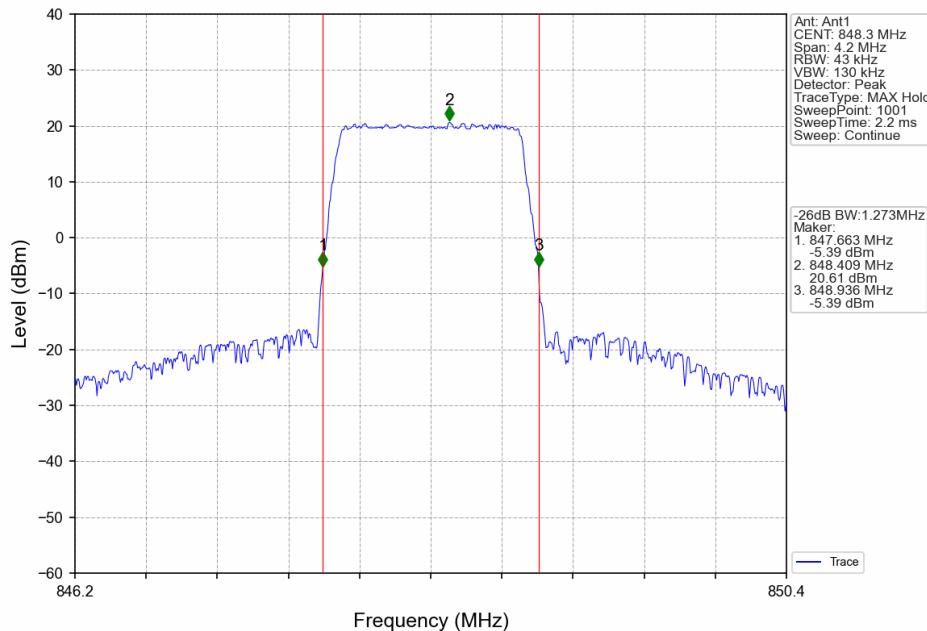


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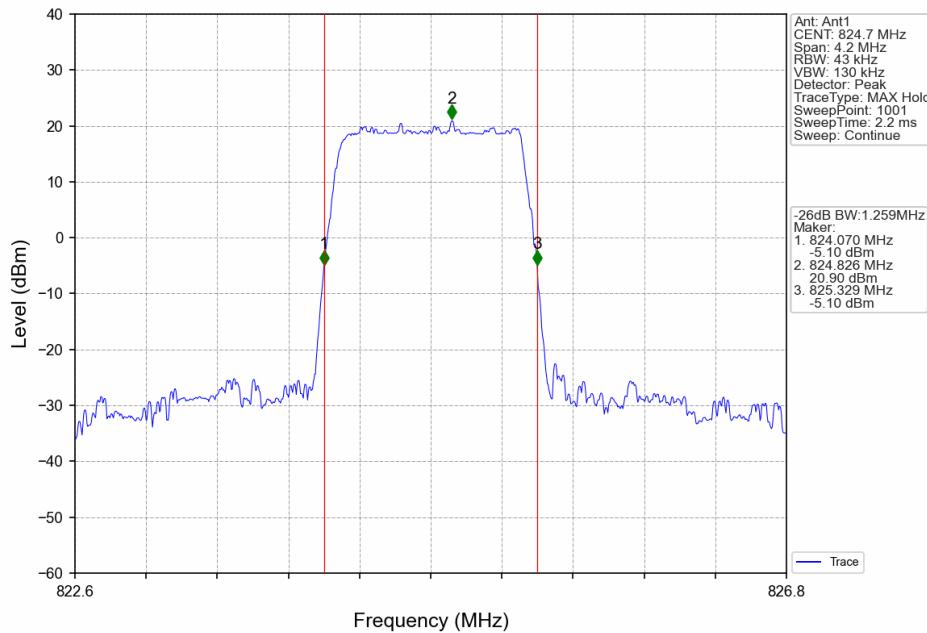


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Band26b\_1.4MHz\_64QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



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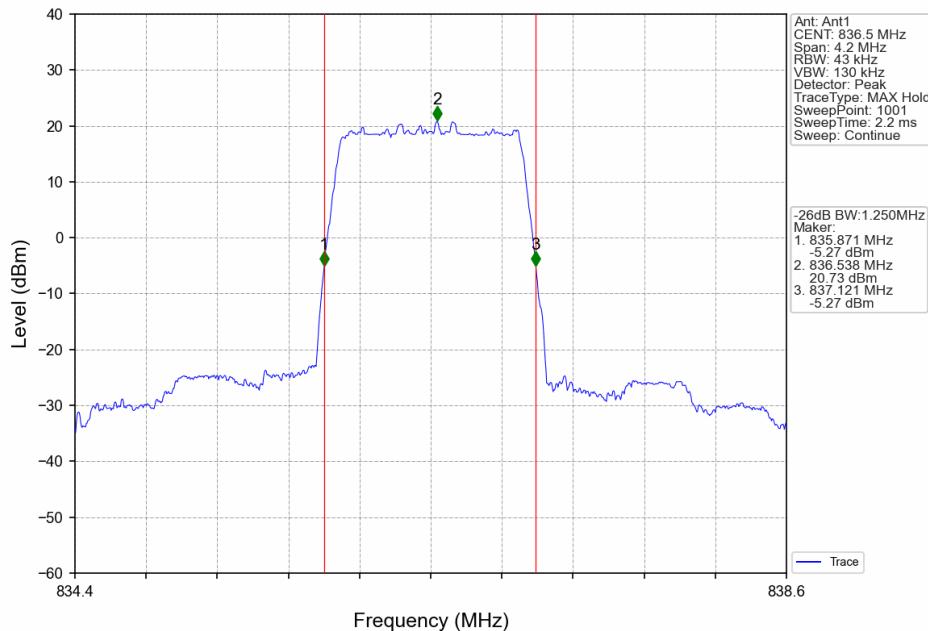


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Band26b\_1.4MHz\_64QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



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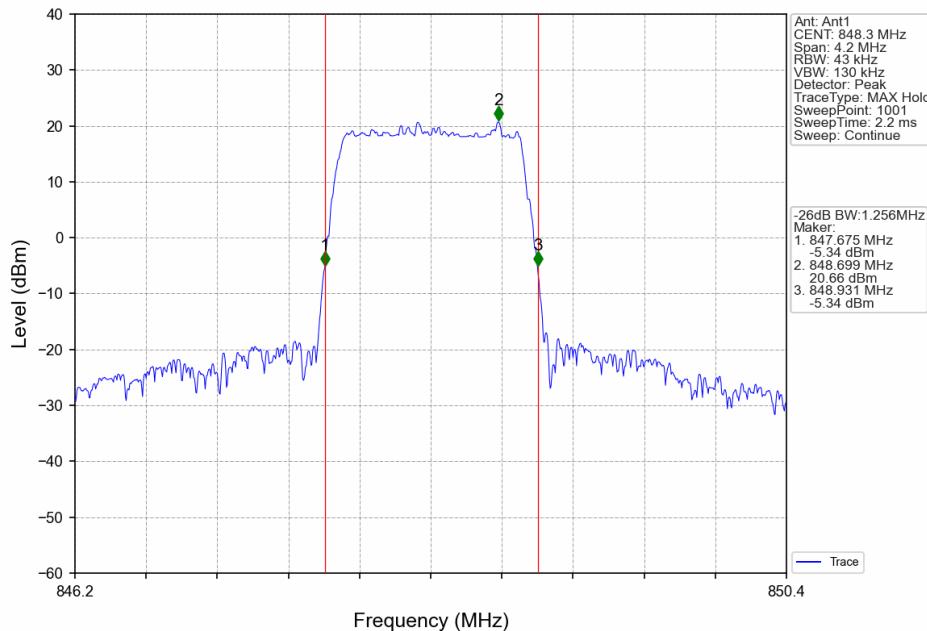


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Band26b\_1.4MHz\_64QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



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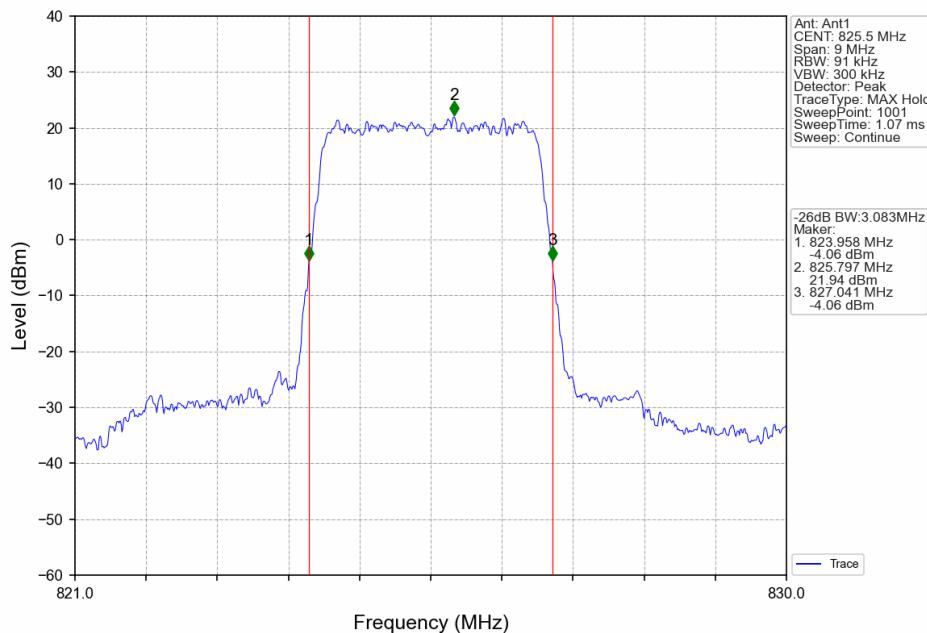


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Band26b\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



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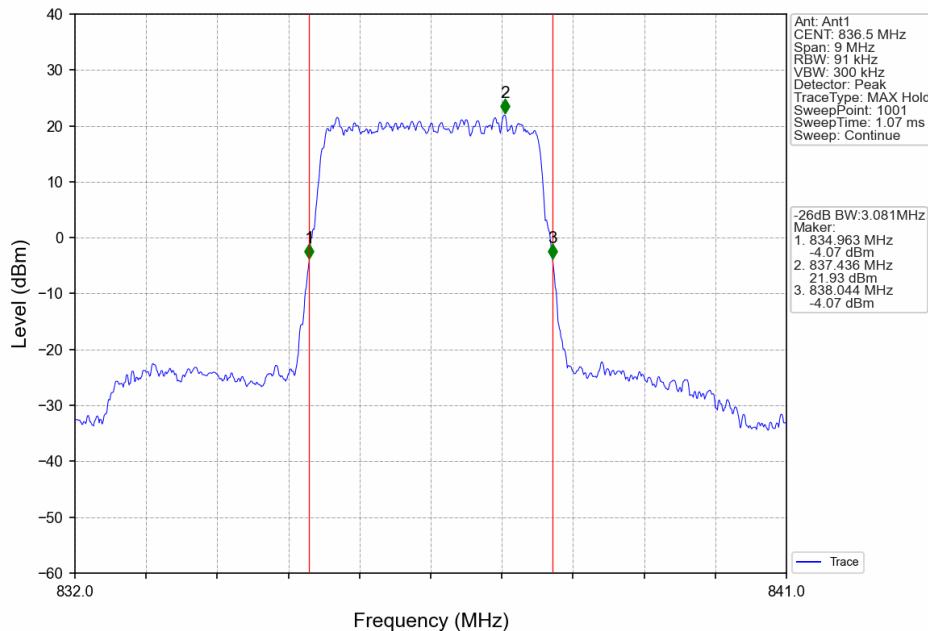


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Band26b\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



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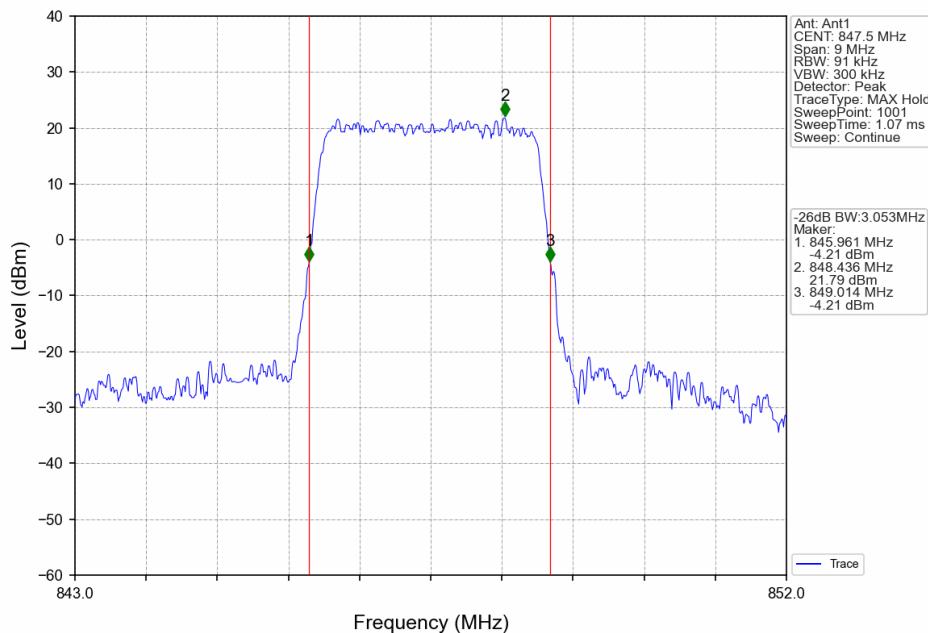


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Band26b\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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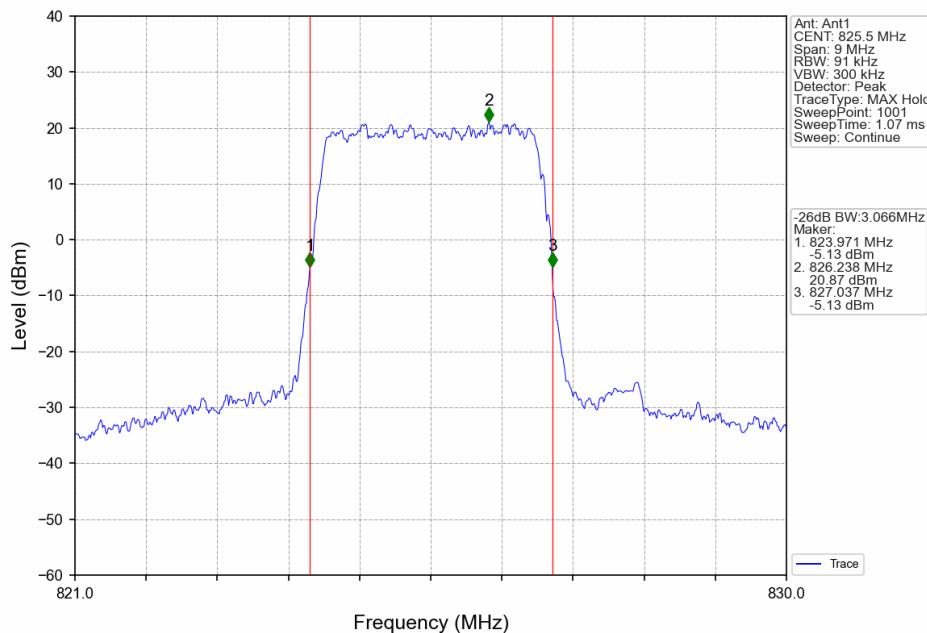


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Band26b\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



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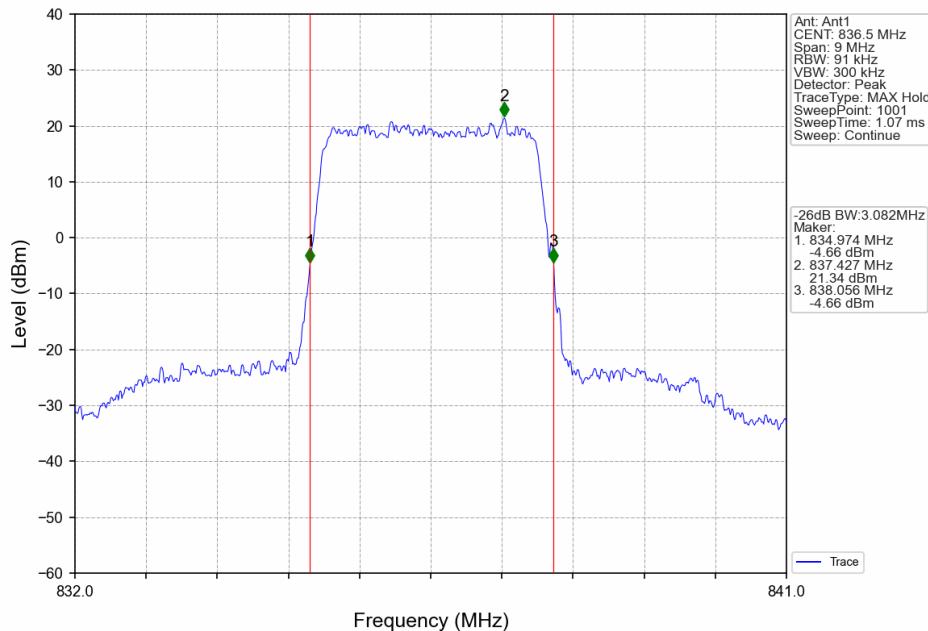


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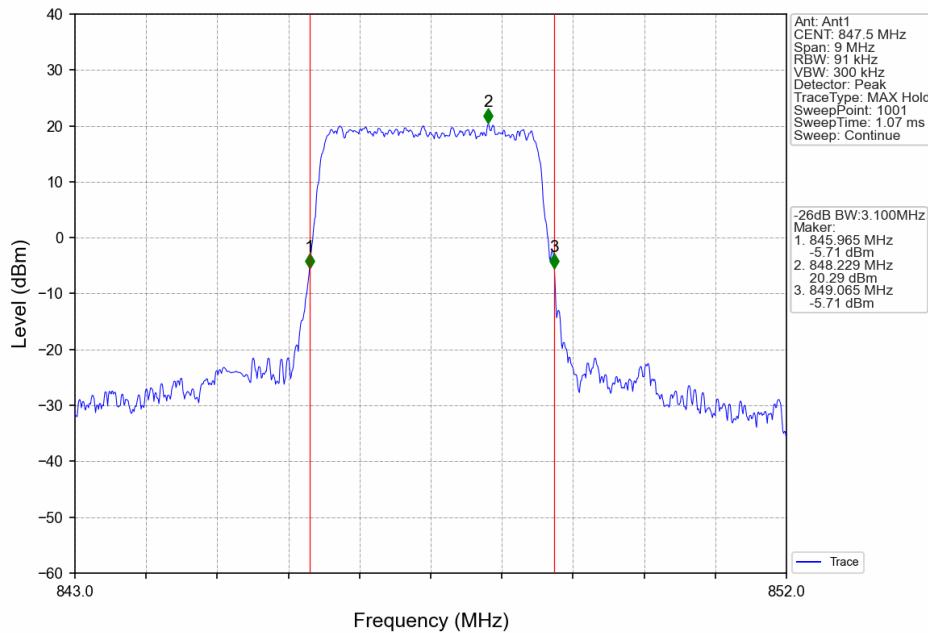


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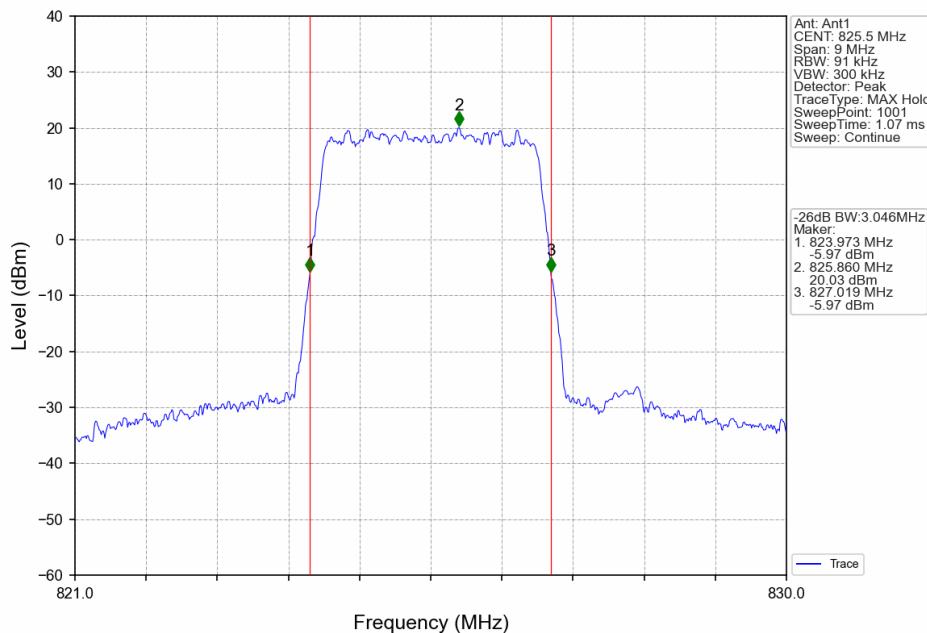


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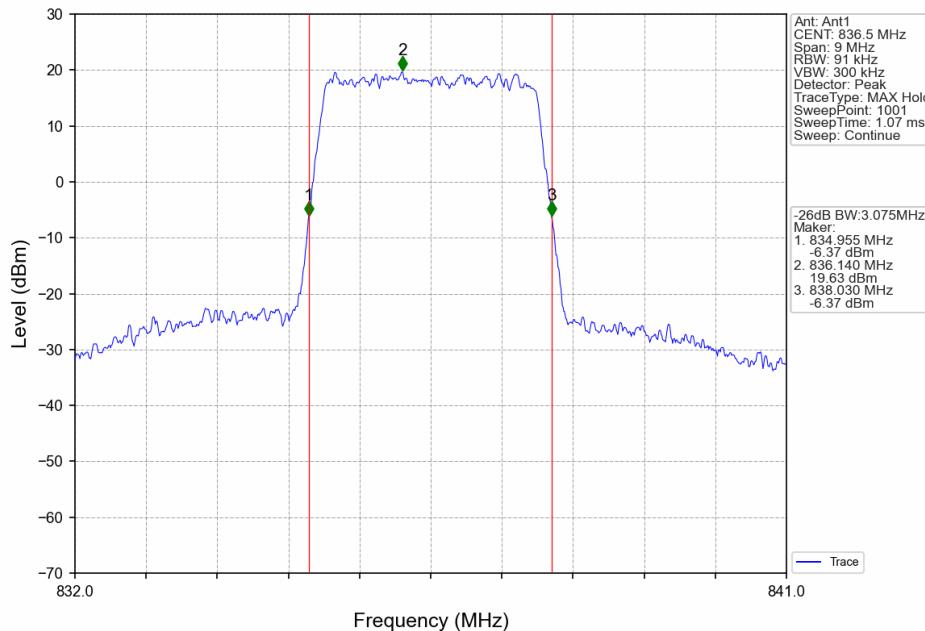


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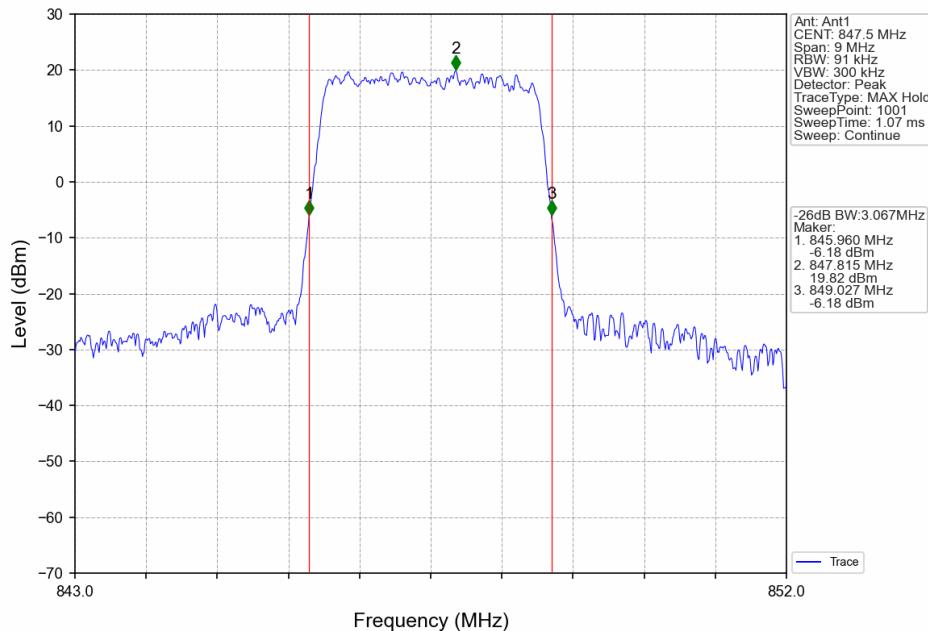


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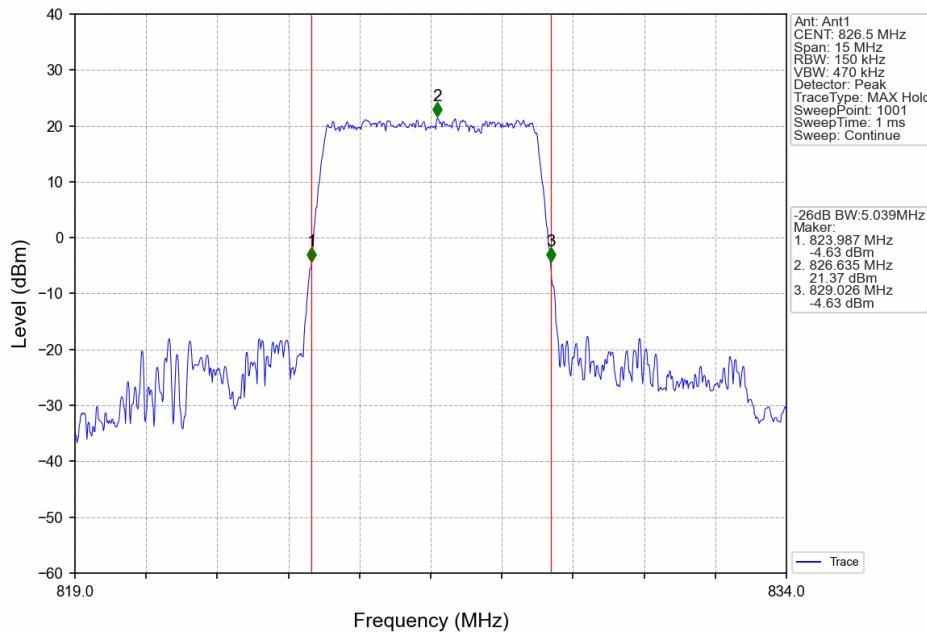


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Band26b\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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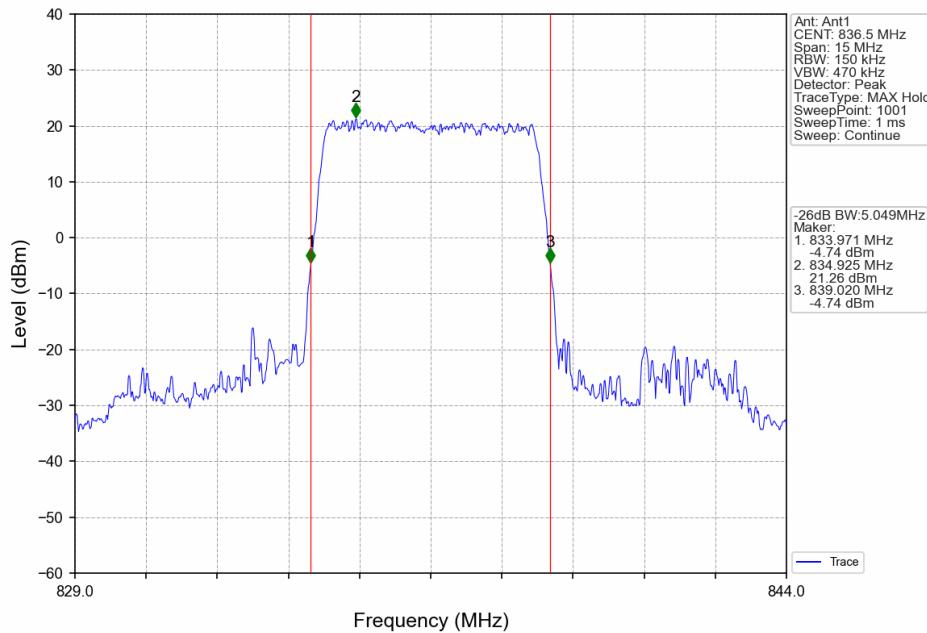


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Band26b\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



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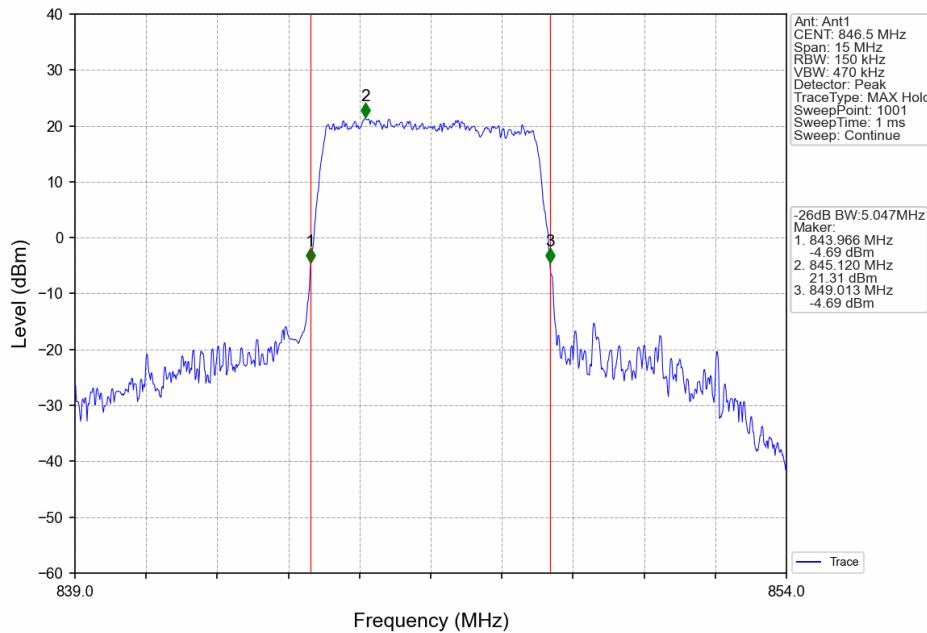


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Band26b\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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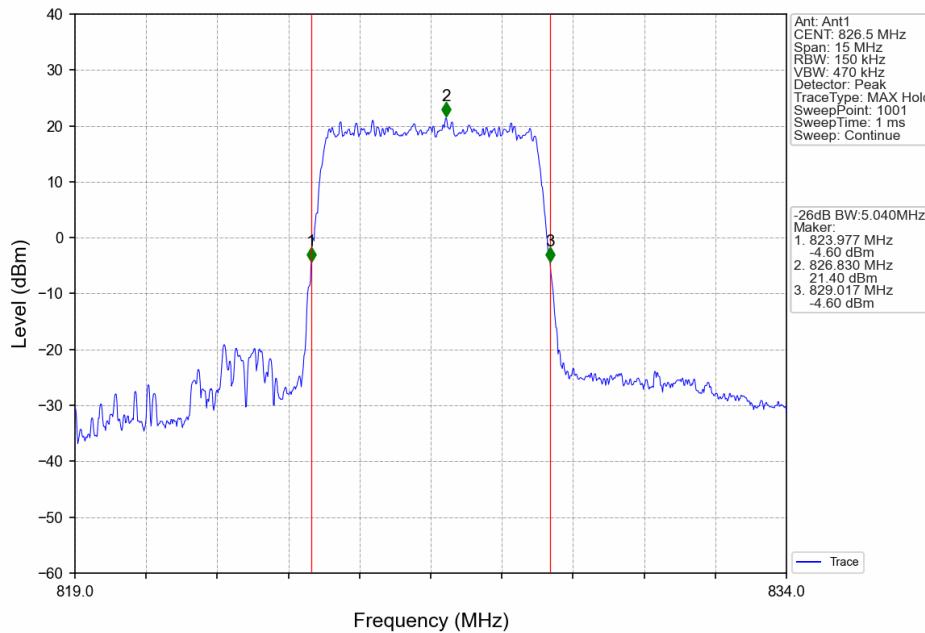


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Band26b\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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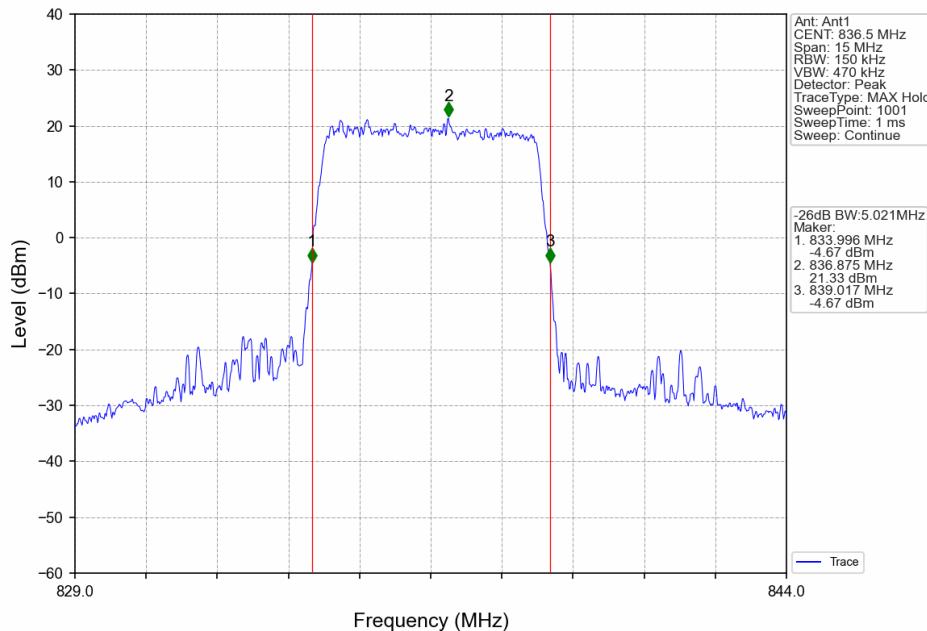


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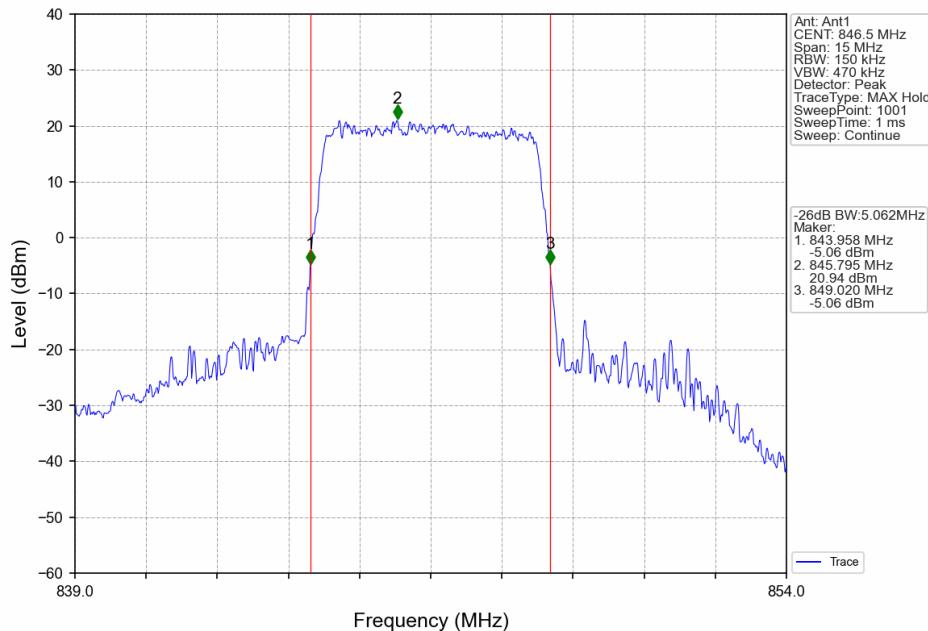


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Band26b\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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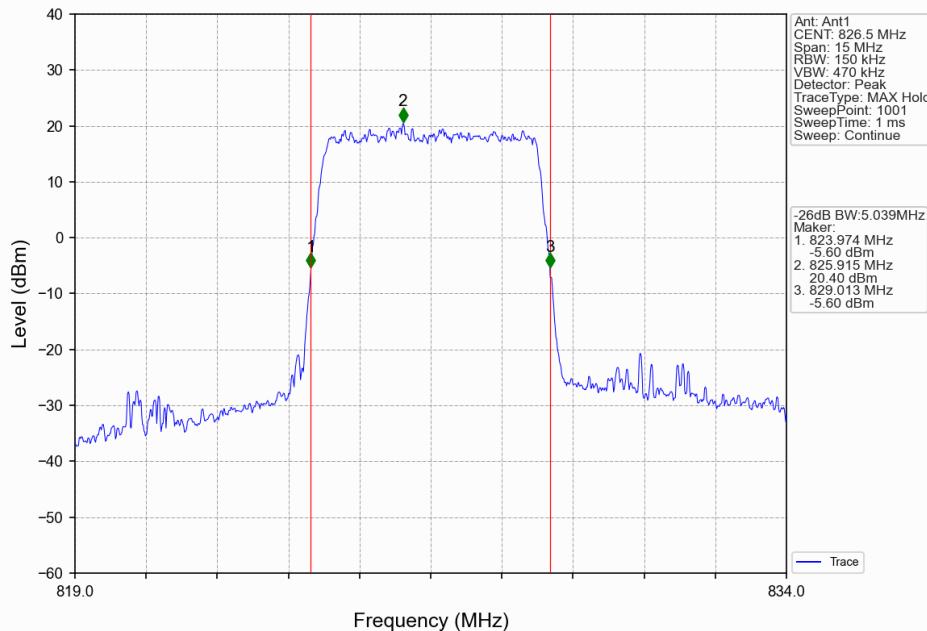


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Band26b\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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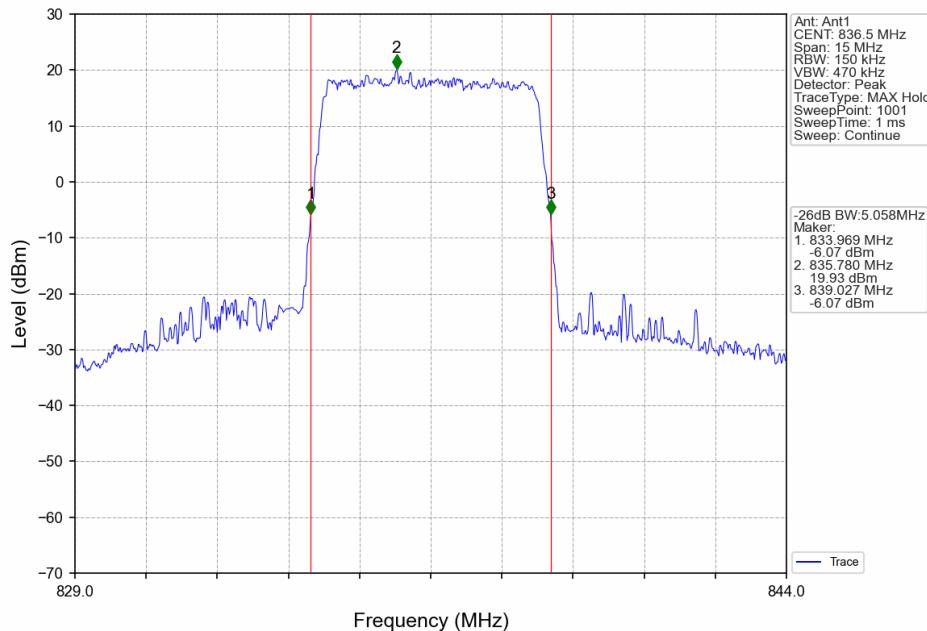


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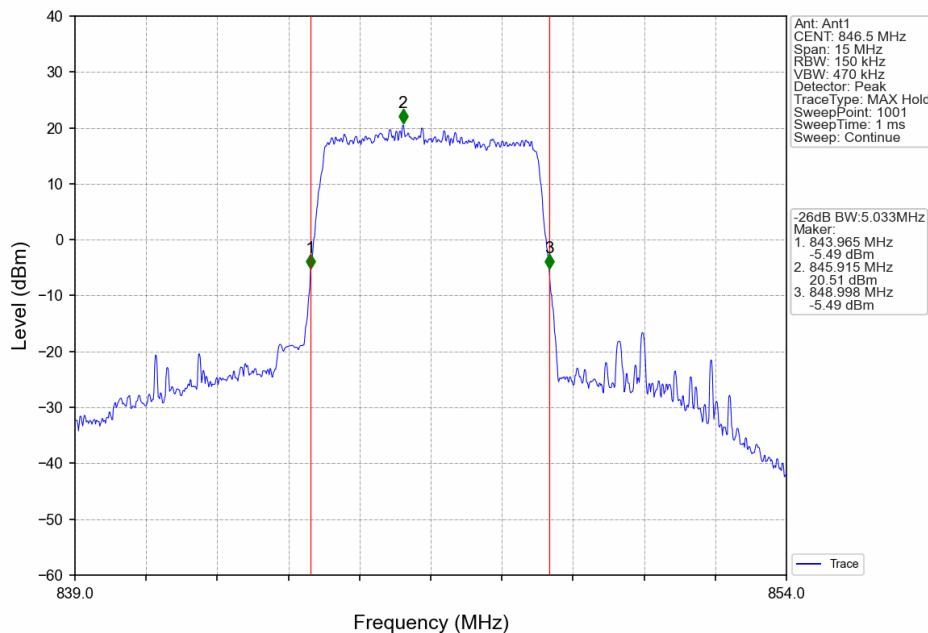


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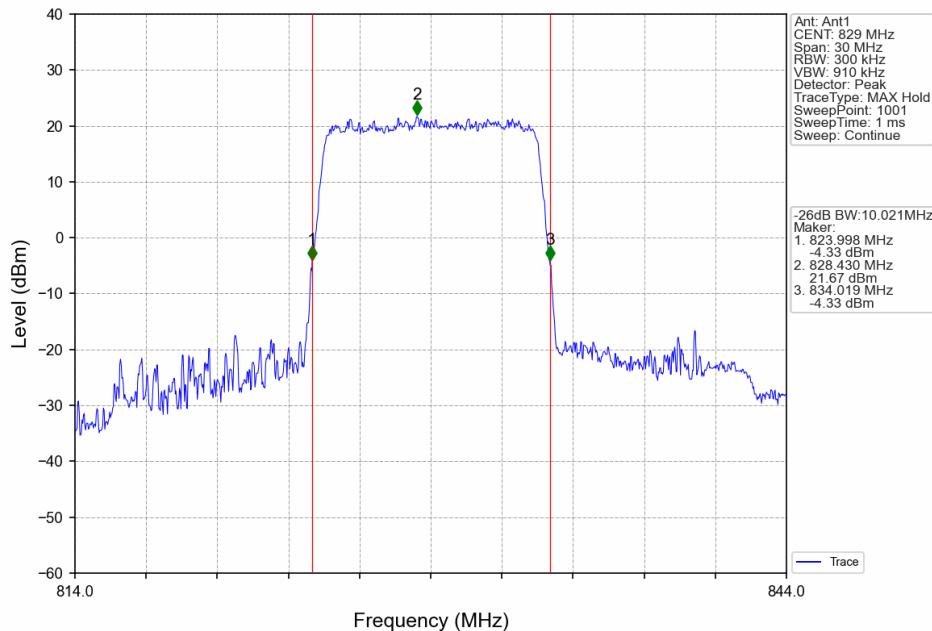


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Band26b\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



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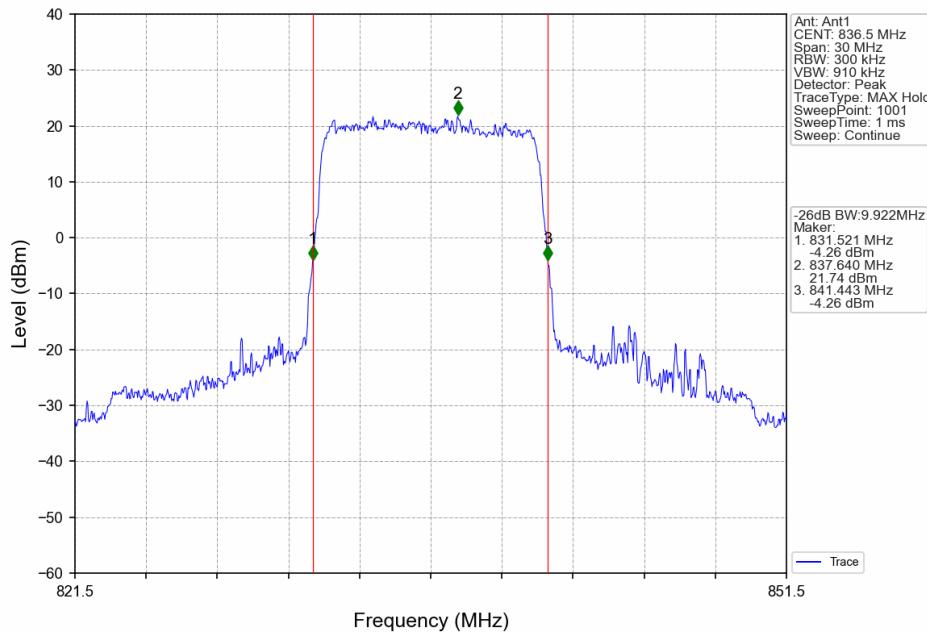


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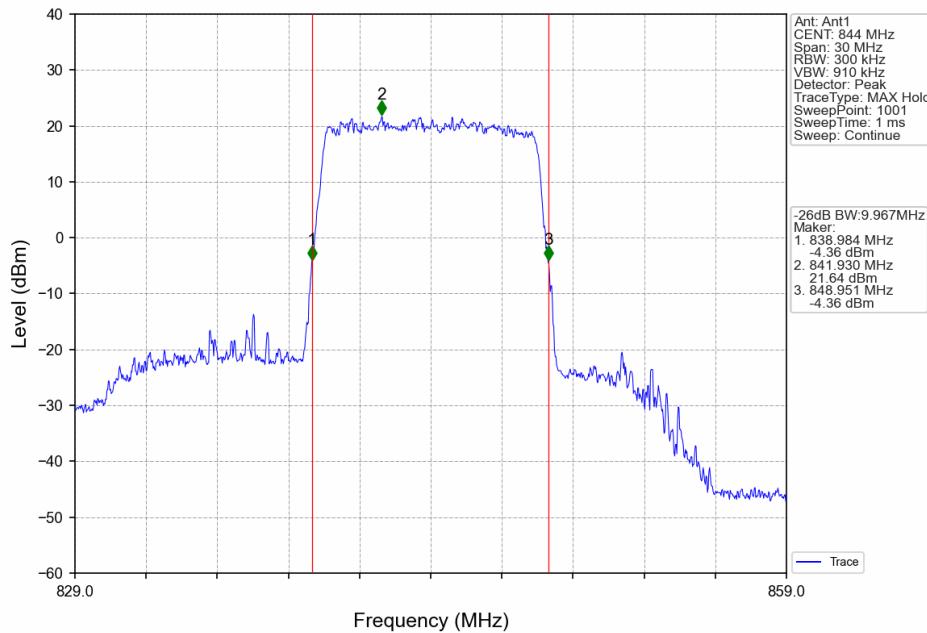


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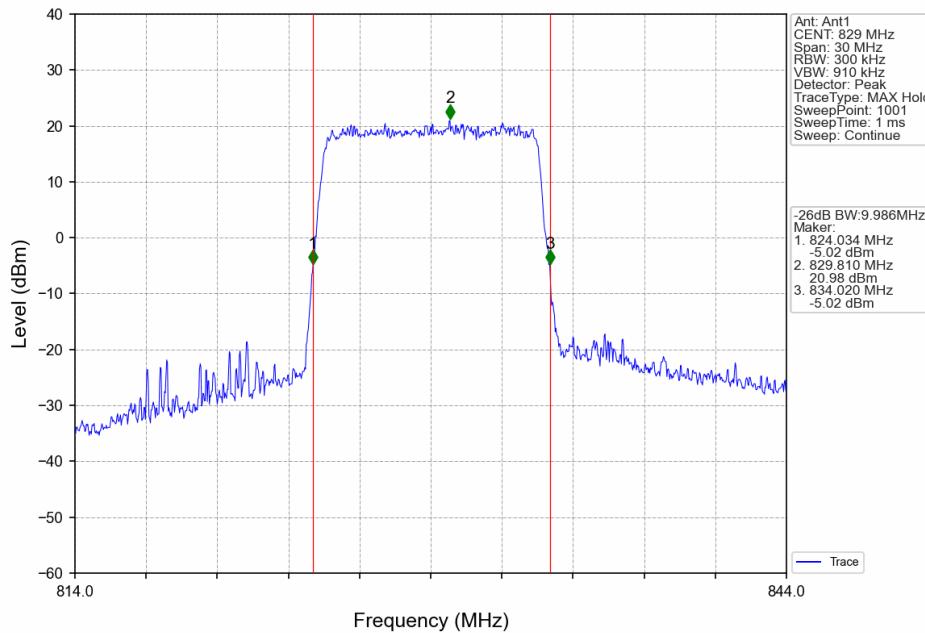


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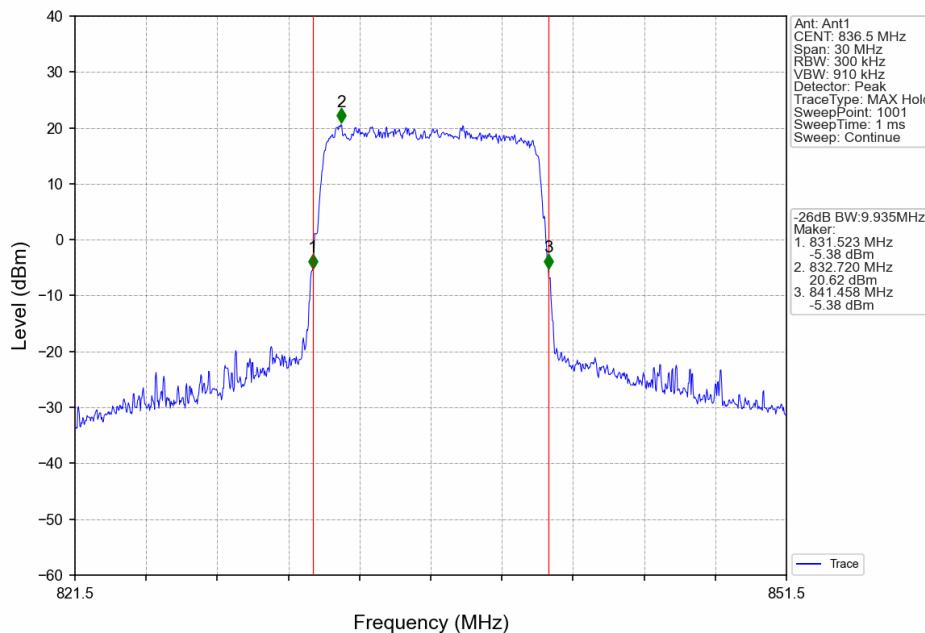


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Band26b\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



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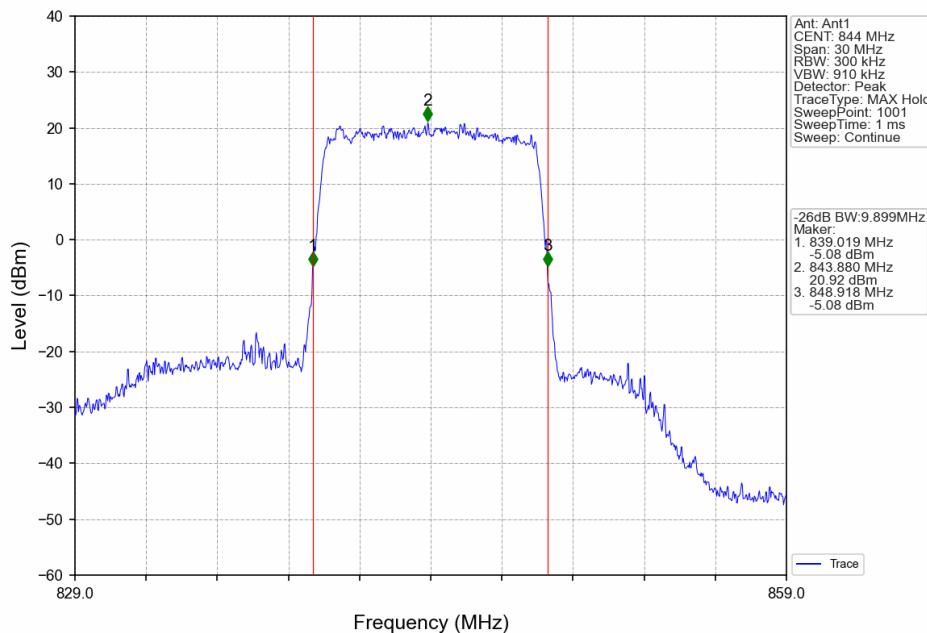


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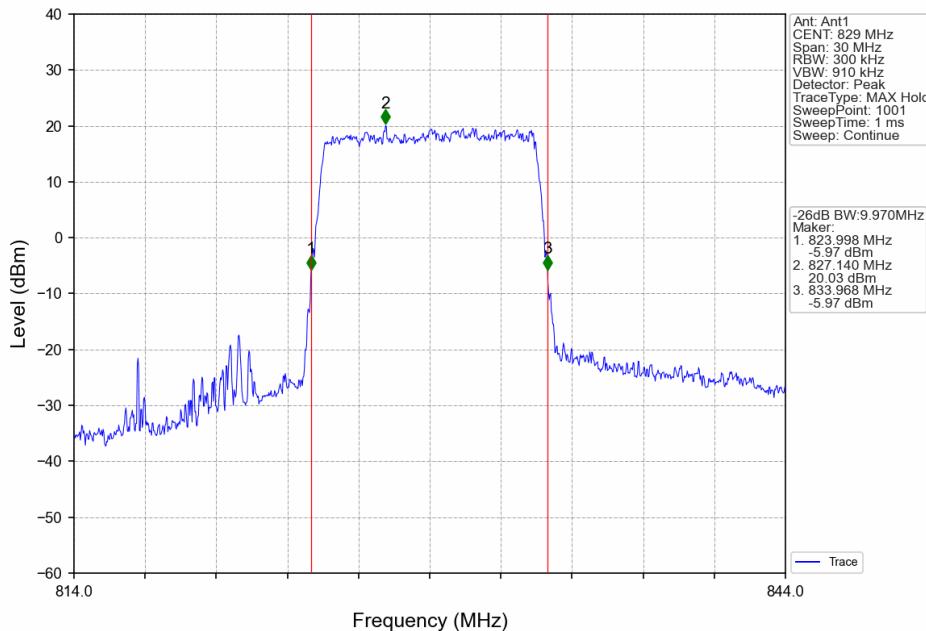


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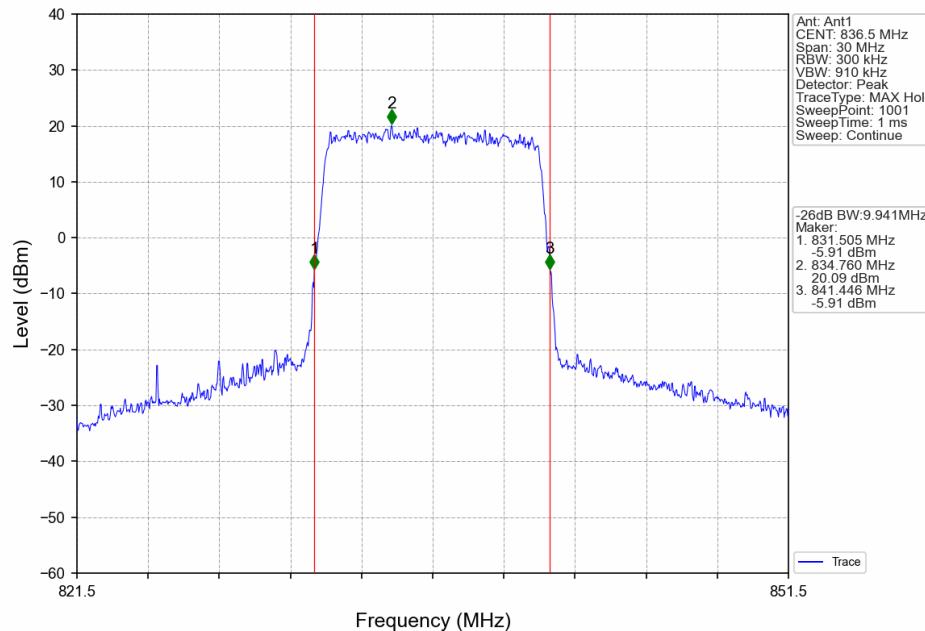


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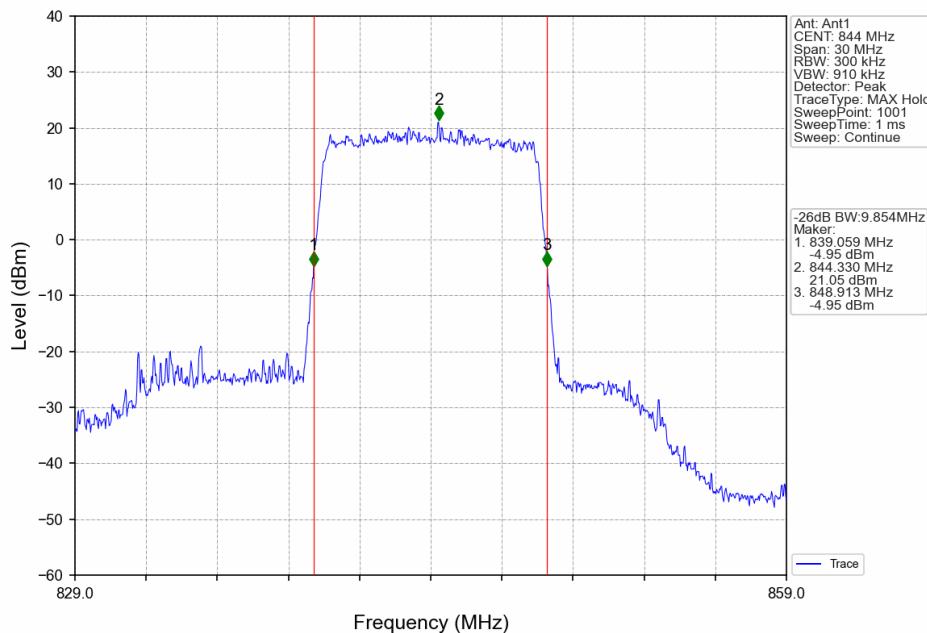


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## 2.3 Band26c\_OBW

### 2.3.1 Test Result

| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 15              | QPSK       | 821.5           | 75            | 0      | 13.553                       | /     | Pass    |
|                 |            | 831.5           | 75            | 0      | 13.532                       | /     | Pass    |
|                 |            | 841.5           | 75            | 0      | 13.541                       | /     | Pass    |
|                 | 16QAM      | 821.5           | 75            | 0      | 13.521                       | /     | Pass    |
|                 |            | 831.5           | 75            | 0      | 13.533                       | /     | Pass    |
|                 |            | 841.5           | 75            | 0      | 13.565                       | /     | Pass    |
|                 | 64QAM      | 821.5           | 75            | 0      | 13.533                       | /     | Pass    |
|                 |            | 831.5           | 75            | 0      | 13.525                       | /     | Pass    |
|                 |            | 841.5           | 75            | 0      | 13.596                       | /     | Pass    |



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