

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 Test Result

#### 1.1.1 B17\_5MHz\_ERP

| Band: 17 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 706.5           | 1             | 0      | 23.26                 | -11.53     | 9.58      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.29                 | -11.53     | 9.61      | <=34.77 | Pass    |
|                                   |                 |               | 24     | 23.45                 | -11.53     | 9.77      | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 22.68                 | -11.53     | 9.00      | <=34.77 | Pass    |
|                                   |                 |               | 6      | 22.64                 | -11.53     | 8.96      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.72                 | -11.53     | 9.04      | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 22.64                 | -11.53     | 8.96      | <=34.77 | Pass    |
|                                   | 710             | 1             | 0      | 23.36                 | -11.53     | 9.68      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.25                 | -11.53     | 9.57      | <=34.77 | Pass    |
|                                   |                 |               | 24     | 23.38                 | -11.53     | 9.70      | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 22.69                 | -11.53     | 9.01      | <=34.77 | Pass    |
|                                   |                 |               | 6      | 22.67                 | -11.53     | 8.99      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.72                 | -11.53     | 9.04      | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 22.68                 | -11.53     | 9.00      | <=34.77 | Pass    |
|                                   | 713.5           | 1             | 0      | 23.27                 | -11.53     | 9.59      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.24                 | -11.53     | 9.56      | <=34.77 | Pass    |
|                                   |                 |               | 24     | 23.27                 | -11.53     | 9.59      | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 22.87                 | -11.53     | 9.19      | <=34.77 | Pass    |
|                                   |                 |               | 6      | 22.84                 | -11.53     | 9.16      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.69                 | -11.53     | 9.01      | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 22.78                 | -11.53     | 9.10      | <=34.77 | Pass    |
| 16QAM                             | 706.5           | 1             | 0      | 22.06                 | -11.53     | 8.38      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.02                 | -11.53     | 8.34      | <=34.77 | Pass    |
|                                   |                 |               | 24     | 22.16                 | -11.53     | 8.48      | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 21.69                 | -11.53     | 8.01      | <=34.77 | Pass    |
|                                   |                 |               | 6      | 21.65                 | -11.53     | 7.97      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 21.65                 | -11.53     | 7.97      | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 21.67                 | -11.53     | 7.99      | <=34.77 | Pass    |
|                                   | 710             | 1             | 0      | 22.36                 | -11.53     | 8.68      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.33                 | -11.53     | 8.65      | <=34.77 | Pass    |
|                                   |                 |               | 24     | 22.43                 | -11.53     | 8.75      | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 21.64                 | -11.53     | 7.96      | <=34.77 | Pass    |
|                                   |                 |               | 6      | 21.76                 | -11.53     | 8.08      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 21.80                 | -11.53     | 8.12      | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 21.80                 | -11.53     | 8.12      | <=34.77 | Pass    |
|                                   | 713.5           | 1             | 0      | 22.56                 | -11.53     | 8.88      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.50                 | -11.53     | 8.82      | <=34.77 | Pass    |
|                                   |                 |               | 24     | 22.53                 | -11.53     | 8.85      | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 21.96                 | -11.53     | 8.28      | <=34.77 | Pass    |
|                                   |                 |               | 6      | 21.94                 | -11.53     | 8.26      | <=34.77 | Pass    |
|                                   |                 |               | 13     | 21.78                 | -11.53     | 8.10      | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 21.85                 | -11.53     | 8.17      | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.2 B17\_10MHz\_ERP

| Band: 17 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 709             | 1             | 0      | 23.06                 | -11.53     | 9.38      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.16                 | -11.53     | 9.48      | <=34.77 | Pass    |
|                                    |                 |               | 49     | 23.33                 | -11.53     | 9.65      | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 22.68                 | -11.53     | 9.00      | <=34.77 | Pass    |
|                                    |                 |               | 13     | 22.69                 | -11.53     | 9.01      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.73                 | -11.53     | 9.05      | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 22.70                 | -11.53     | 9.02      | <=34.77 | Pass    |
|                                    | 710             | 1             | 0      | 23.11                 | -11.53     | 9.43      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.32                 | -11.53     | 9.64      | <=34.77 | Pass    |
|                                    |                 |               | 49     | 23.38                 | -11.53     | 9.70      | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 22.67                 | -11.53     | 8.99      | <=34.77 | Pass    |
|                                    |                 |               | 13     | 22.75                 | -11.53     | 9.07      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.63                 | -11.53     | 8.95      | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 22.73                 | -11.53     | 9.05      | <=34.77 | Pass    |
|                                    | 711             | 1             | 0      | 23.19                 | -11.53     | 9.51      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.34                 | -11.53     | 9.66      | <=34.77 | Pass    |
|                                    |                 |               | 49     | 23.34                 | -11.53     | 9.66      | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 22.69                 | -11.53     | 9.01      | <=34.77 | Pass    |
|                                    |                 |               | 13     | 22.74                 | -11.53     | 9.06      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.65                 | -11.53     | 8.97      | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 22.66                 | -11.53     | 8.98      | <=34.77 | Pass    |
| 16QAM                              | 709             | 1             | 0      | 22.31                 | -11.53     | 8.63      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.35                 | -11.53     | 8.67      | <=34.77 | Pass    |
|                                    |                 |               | 49     | 22.48                 | -11.53     | 8.80      | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 21.71                 | -11.53     | 8.03      | <=34.77 | Pass    |
|                                    |                 |               | 13     | 21.81                 | -11.53     | 8.13      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.79                 | -11.53     | 8.11      | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.78                 | -11.53     | 8.10      | <=34.77 | Pass    |
|                                    | 710             | 1             | 0      | 22.63                 | -11.53     | 8.95      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.79                 | -11.53     | 9.11      | <=34.77 | Pass    |
|                                    |                 |               | 49     | 22.82                 | -11.53     | 9.14      | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 21.76                 | -11.53     | 8.08      | <=34.77 | Pass    |
|                                    |                 |               | 13     | 21.87                 | -11.53     | 8.19      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.75                 | -11.53     | 8.07      | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.78                 | -11.53     | 8.10      | <=34.77 | Pass    |
|                                    | 711             | 1             | 0      | 22.24                 | -11.53     | 8.56      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.32                 | -11.53     | 8.64      | <=34.77 | Pass    |
|                                    |                 |               | 49     | 22.31                 | -11.53     | 8.63      | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 21.79                 | -11.53     | 8.11      | <=34.77 | Pass    |
|                                    |                 |               | 13     | 21.90                 | -11.53     | 8.22      | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.83                 | -11.53     | 8.15      | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.76                 | -11.53     | 8.08      | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B17\_5MHz

| Band: 17 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 706.5           | 25            | 0      | 20         | 3.27          | -1.187           | -0.0017               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 2.103            | 0.0030                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -0.744           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 3.819            | 0.0054                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.744           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 5.908            | 0.0084                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 4.621            | 0.0065                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -3.347           | -0.0047               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -4.263           | -0.0060               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -3.190           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -0.858           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            | 710             | 25            | 0      | 20         | 3.27          | -1.345           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.758           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.044           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -2.289           | -0.0032               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.815           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.302           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 5.722            | 0.0081                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.359           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -2.975           | -0.0042               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 1.531            | 0.0022                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 1.030            | 0.0015                | -2.5 to 2.5 | Pass    |
|                            | 713.5           | 25            | 0      | 20         | 3.27          | 0.057            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 3.877            | 0.0054                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.532           | -0.0035               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -1.702           | -0.0024               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -2.046           | -0.0029               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -4.749           | -0.0067               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -4.578           | -0.0064               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 4.950            | 0.0069                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -5.136           | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -0.200           | -0.0003               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 706.5           | 25            | 0      | 20         | 3.27          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -2.704           | -0.0038               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -0.186           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 1.802            | 0.0026                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.558            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.559           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.529           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 2.232            | 0.0032                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 1.059            | 0.0015                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.744            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -0.215           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            | 710             | 25            | 0      | 20         | 3.27          | 0.858            | 0.0012                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 4.706            | 0.0066                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -4.435           | -0.0062               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -3.018           | -0.0043               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -2.403           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -5.250           | -0.0074               | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |        |         |             |      |
|--|-------|----|---|-----|------|--------|---------|-------------|------|
|  |       |    |   | 0   | 3.85 | -1.402 | -0.0020 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -3.934 | -0.0055 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -5.350 | -0.0075 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -4.835 | -0.0068 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 1.259  | 0.0018  | -2.5 to 2.5 | Pass |
|  | 713.5 | 25 | 0 | 20  | 3.27 | -5.193 | -0.0073 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -2.675 | -0.0037 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | -0.629 | -0.0009 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | 2.217  | 0.0031  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | 2.375  | 0.0033  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | 4.349  | 0.0061  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -7.753 | -0.0109 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -3.304 | -0.0046 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -1.845 | -0.0026 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -0.401 | -0.0006 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 0.358  | 0.0005  | -2.5 to 2.5 | Pass |

## 2.1.2 B17\_10MHz

| Band: 17 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 709             | 50            | 0      | 20         | 3.27          | 1.502            | 0.0021                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -2.446           | -0.0034               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.358           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 0.587            | 0.0008                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 2.990            | 0.0042                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 1.445            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 1.531            | 0.0022                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 2.947            | 0.0042                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 1.473            | 0.0021                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 2.260            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             | 710             | 50            | 0      | 20         | 3.27          | -2.260           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.272           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.844           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.815           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.100           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -3.061           | -0.0043               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.973           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.215            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 0.815            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 3.948            | 0.0056                | -2.5 to 2.5 | Pass    |
|                             | 711             | 50            | 0      | 20         | 3.27          | -3.605           | -0.0051               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.458            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 2.346            | 0.0033                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -1.488           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.257            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -1.302           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.629            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.243           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -1.259           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -1.159           | -0.0016               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 709             | 50            | 0      | 20         | 3.27          | -0.429           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -4.492           | -0.0063               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 1.359            | 0.0019                | -2.5 to 2.5 | Pass    |

|  |     |    |   |     |      |        |         |             |      |
|--|-----|----|---|-----|------|--------|---------|-------------|------|
|  |     |    |   | -30 | 3.85 | -2.246 | -0.0032 | -2.5 to 2.5 | Pass |
|  |     |    |   | -20 | 3.85 | -1.931 | -0.0027 | -2.5 to 2.5 | Pass |
|  |     |    |   | -10 | 3.85 | -3.619 | -0.0051 | -2.5 to 2.5 | Pass |
|  |     |    |   | 0   | 3.85 | -6.981 | -0.0098 | -2.5 to 2.5 | Pass |
|  |     |    |   | 10  | 3.85 | -4.120 | -0.0058 | -2.5 to 2.5 | Pass |
|  |     |    |   | 30  | 3.85 | -1.516 | -0.0021 | -2.5 to 2.5 | Pass |
|  |     |    |   | 40  | 3.85 | -4.449 | -0.0063 | -2.5 to 2.5 | Pass |
|  |     |    |   | 50  | 3.85 | -1.674 | -0.0024 | -2.5 to 2.5 | Pass |
|  | 710 | 50 | 0 | 20  | 3.27 | -0.730 | -0.0010 | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 3.85 | -0.358 | -0.0005 | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 4.43 | 3.147  | 0.0044  | -2.5 to 2.5 | Pass |
|  |     |    |   | -30 | 3.85 | -0.429 | -0.0006 | -2.5 to 2.5 | Pass |
|  |     |    |   | -20 | 3.85 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |
|  |     |    |   | -10 | 3.85 | 1.216  | 0.0017  | -2.5 to 2.5 | Pass |
|  |     |    |   | 0   | 3.85 | -0.401 | -0.0006 | -2.5 to 2.5 | Pass |
|  |     |    |   | 10  | 3.85 | -0.472 | -0.0007 | -2.5 to 2.5 | Pass |
|  |     |    |   | 30  | 3.85 | -0.229 | -0.0003 | -2.5 to 2.5 | Pass |
|  |     |    |   | 40  | 3.85 | 0.944  | 0.0013  | -2.5 to 2.5 | Pass |
|  |     |    |   | 50  | 3.85 | -1.874 | -0.0026 | -2.5 to 2.5 | Pass |
|  | 711 | 50 | 0 | 20  | 3.27 | -0.072 | -0.0001 | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 3.85 | 0.672  | 0.0009  | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 4.43 | -2.518 | -0.0035 | -2.5 to 2.5 | Pass |
|  |     |    |   | -30 | 3.85 | -2.818 | -0.0040 | -2.5 to 2.5 | Pass |
|  |     |    |   | -20 | 3.85 | 0.215  | 0.0003  | -2.5 to 2.5 | Pass |
|  |     |    |   | -10 | 3.85 | -1.845 | -0.0026 | -2.5 to 2.5 | Pass |
|  |     |    |   | 0   | 3.85 | -1.445 | -0.0020 | -2.5 to 2.5 | Pass |
|  |     |    |   | 10  | 3.85 | 1.960  | 0.0028  | -2.5 to 2.5 | Pass |
|  |     |    |   | 30  | 3.85 | 0.286  | 0.0004  | -2.5 to 2.5 | Pass |
|  |     |    |   | 40  | 3.85 | 0.558  | 0.0008  | -2.5 to 2.5 | Pass |
|  |     |    |   | 50  | 3.85 | -1.431 | -0.0020 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B17\_5MHz

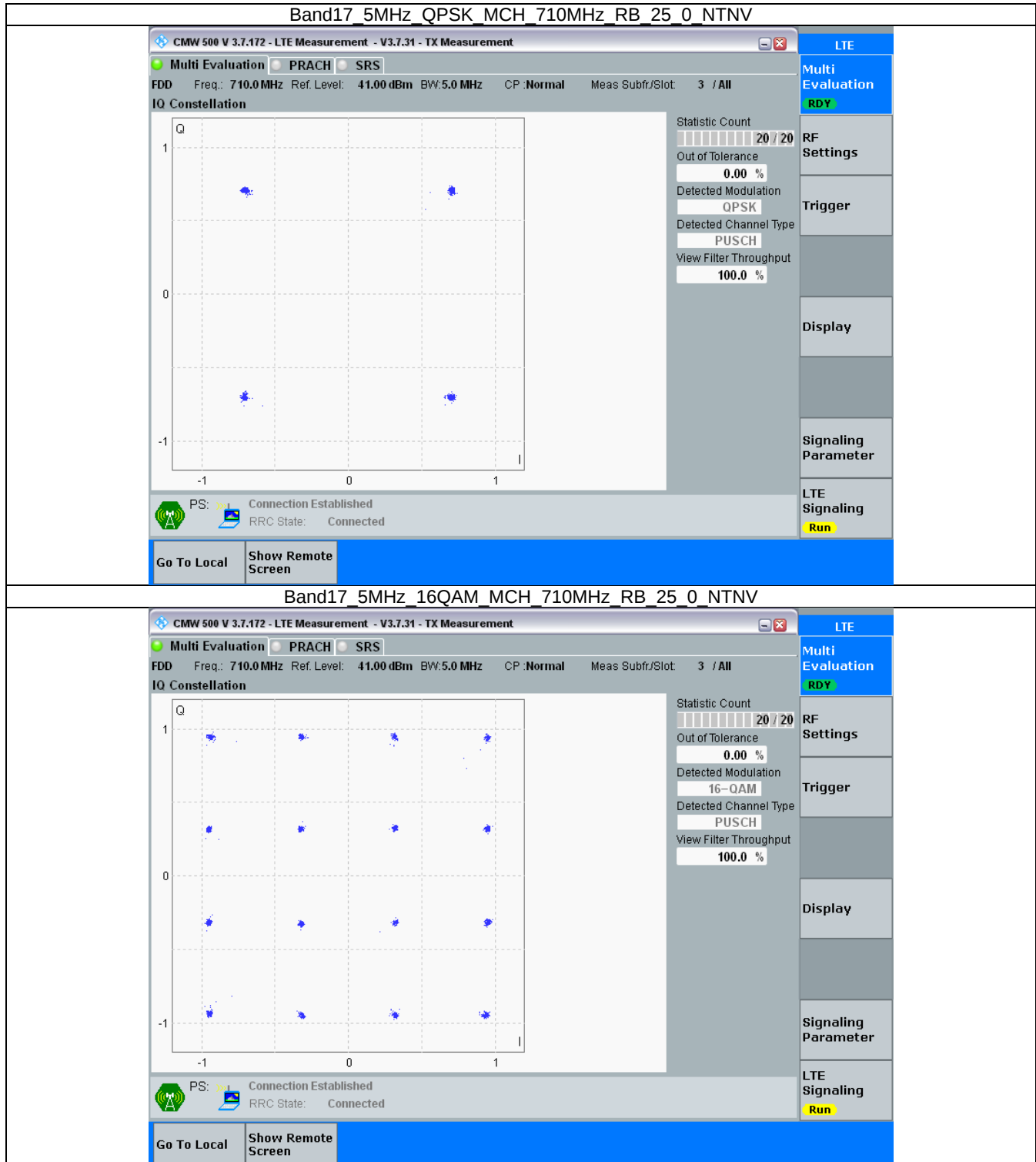
| Band: 17 / Bandwidth: 5MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 710             | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 710             | 25            | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.2 B17\_10MHz

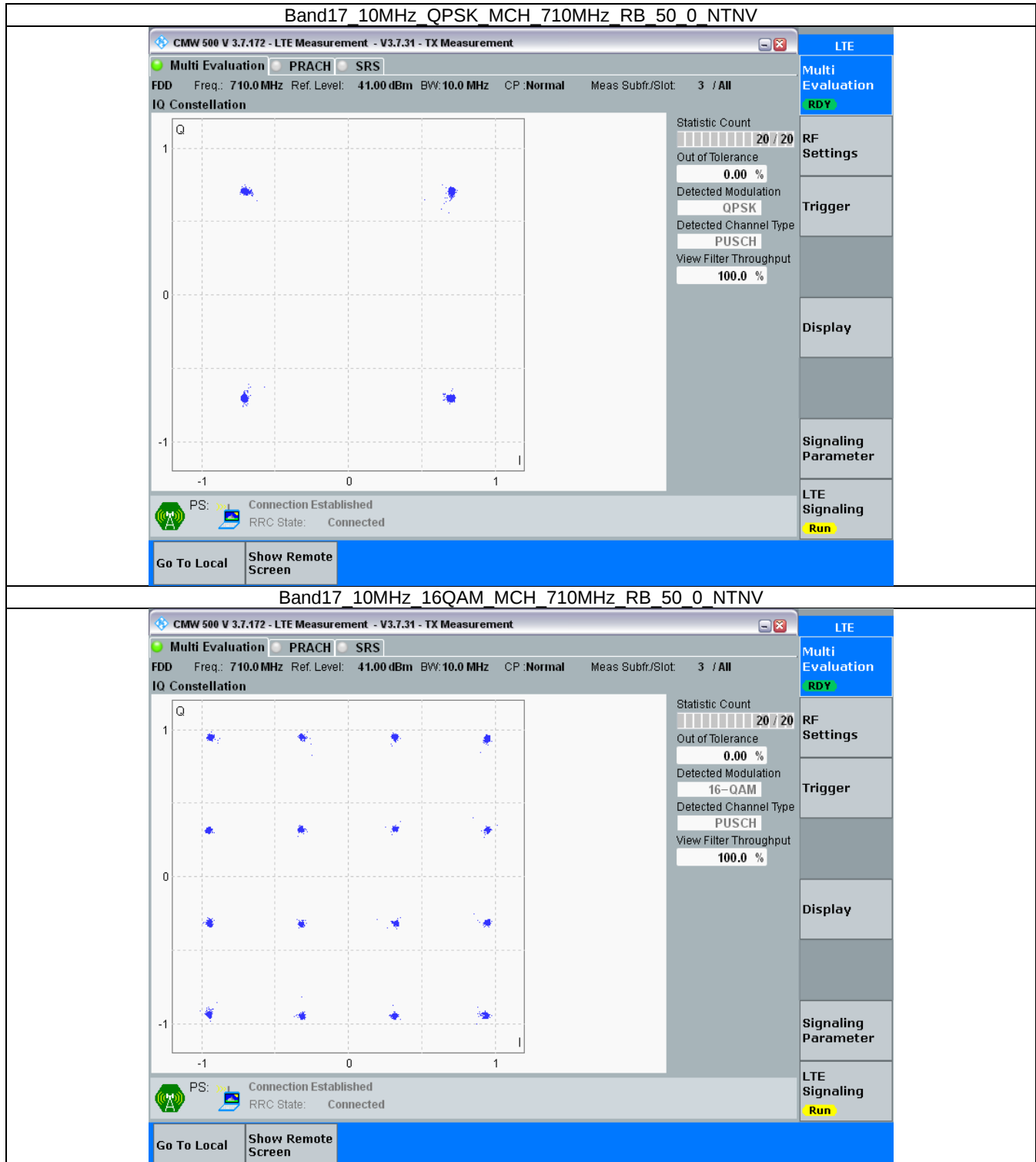
| Band: 17 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 710             | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 710             | 50            | 0      | Refer To Test Graph        |       | Pass    |

## 3.2 Test Graph

### 3.2.1 B17\_5MHz



### 3.2.2 B17\_10MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band17\_OBW

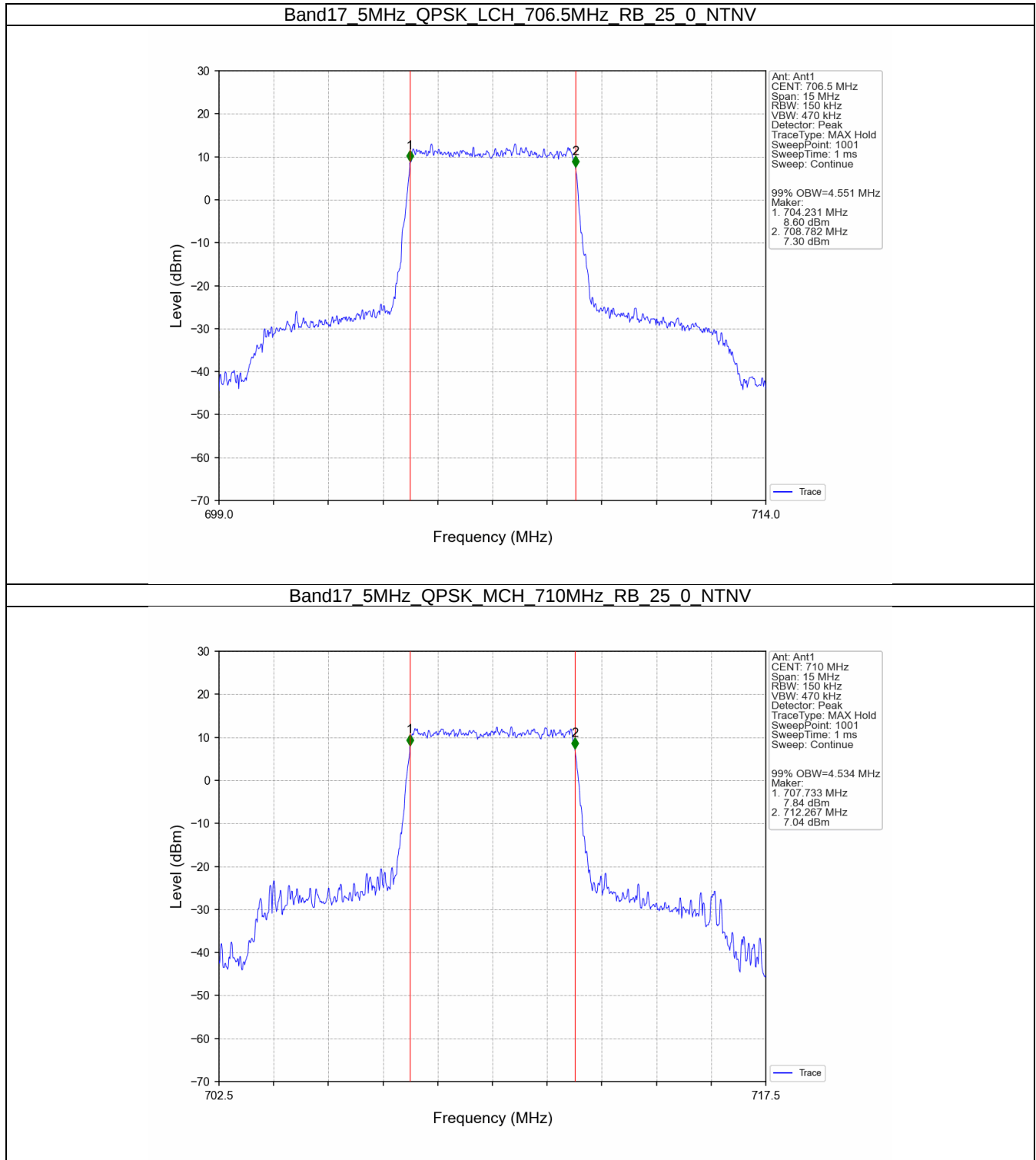
| Band: 17 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 706.5           | 25            | 0      | 4.551                        | /     | Pass    |
|                 |            | 710             | 25            | 0      | 4.534                        | /     | Pass    |
|                 |            | 713.5           | 25            | 0      | 4.551                        | /     | Pass    |
|                 | 16QAM      | 706.5           | 25            | 0      | 4.539                        | /     | Pass    |
|                 |            | 710             | 25            | 0      | 4.547                        | /     | Pass    |
|                 |            | 713.5           | 25            | 0      | 4.531                        | /     | Pass    |
| 10              | QPSK       | 709             | 50            | 0      | 9.046                        | /     | Pass    |
|                 |            | 710             | 50            | 0      | 9.069                        | /     | Pass    |
|                 |            | 711             | 50            | 0      | 9.013                        | /     | Pass    |
|                 | 16QAM      | 709             | 50            | 0      | 9.045                        | /     | Pass    |
|                 |            | 710             | 50            | 0      | 9.038                        | /     | Pass    |
|                 |            | 711             | 50            | 0      | 9.024                        | /     | Pass    |

#### 4.1.2 Band17\_XDB

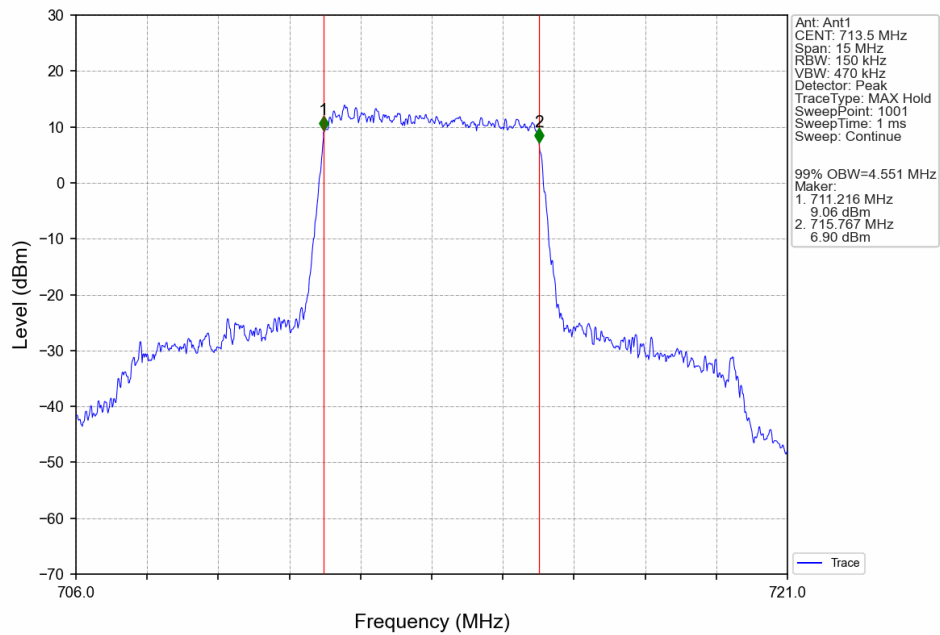
| Band: 17 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 706.5           | 25            | 0      | 5.063                | /     | Pass    |
|                 |            | 710             | 25            | 0      | 5.056                | /     | Pass    |
|                 |            | 713.5           | 25            | 0      | 5.012                | /     | Pass    |
|                 | 16QAM      | 706.5           | 25            | 0      | 5.071                | /     | Pass    |
|                 |            | 710             | 25            | 0      | 5.078                | /     | Pass    |
|                 |            | 713.5           | 25            | 0      | 5.029                | /     | Pass    |
| 10              | QPSK       | 709             | 50            | 0      | 9.961                | /     | Pass    |
|                 |            | 710             | 50            | 0      | 9.942                | /     | Pass    |
|                 |            | 711             | 50            | 0      | 9.961                | /     | Pass    |
|                 | 16QAM      | 709             | 50            | 0      | 9.963                | /     | Pass    |
|                 |            | 710             | 50            | 0      | 9.966                | /     | Pass    |
|                 |            | 711             | 50            | 0      | 9.939                | /     | Pass    |

## 4.2 Test Graph

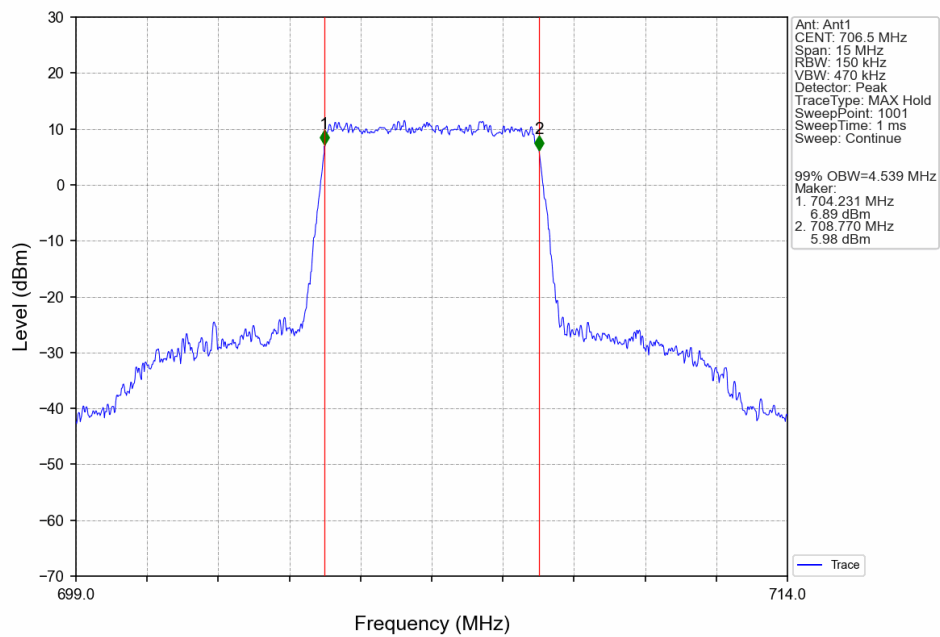
### 4.2.1 Band17\_OBW



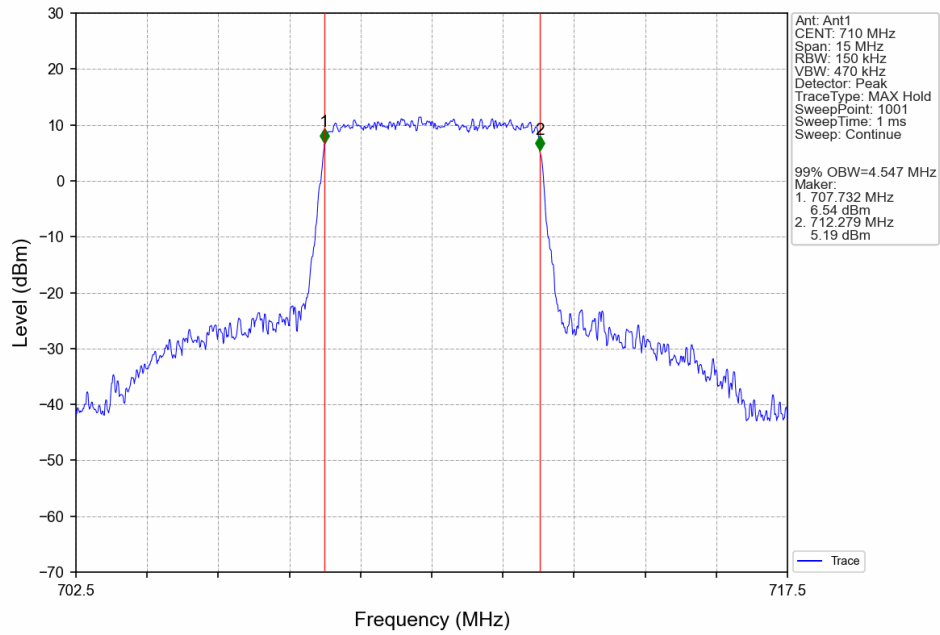
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



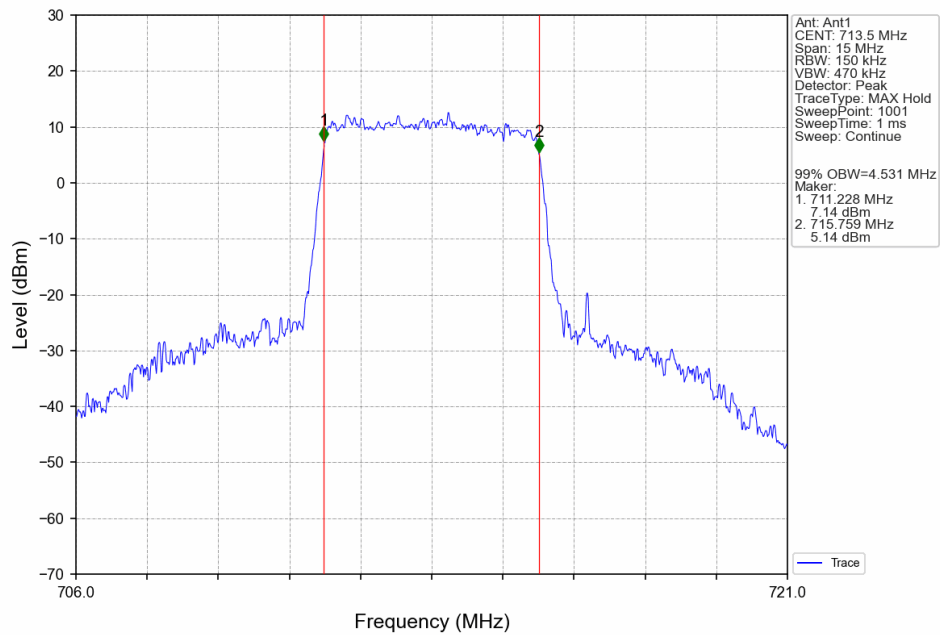
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



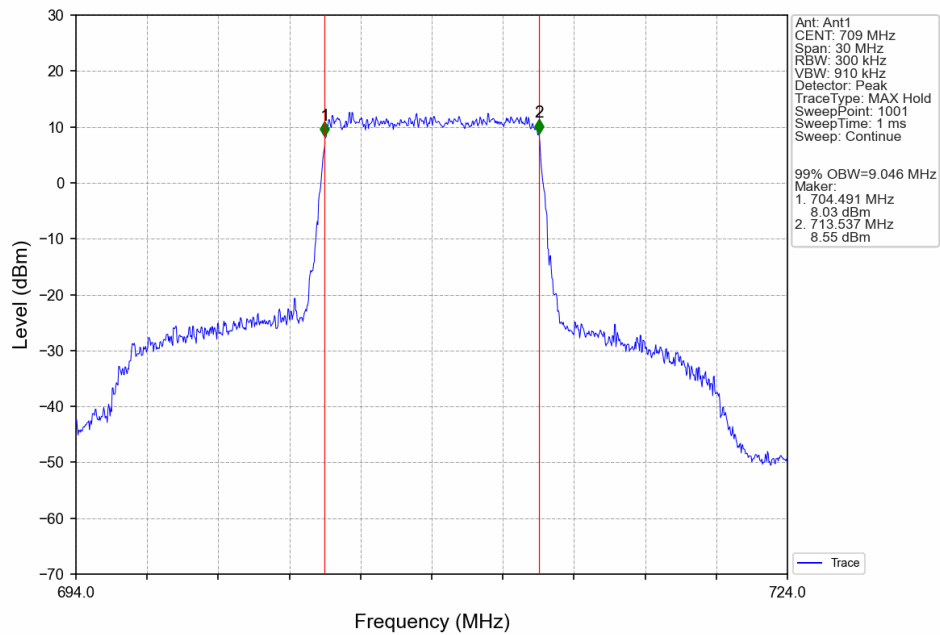
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_25\_0\_NTNV



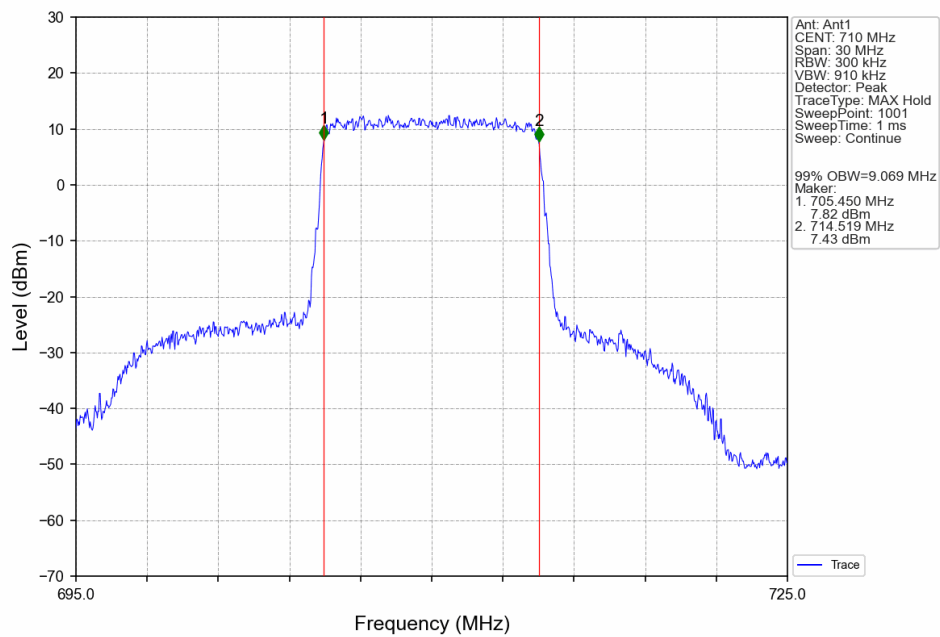
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



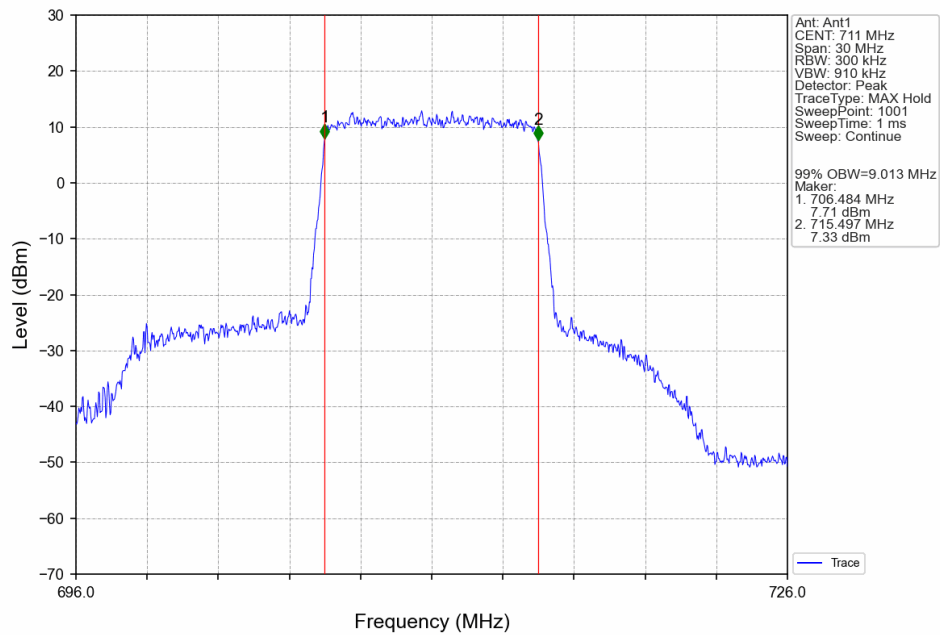
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV



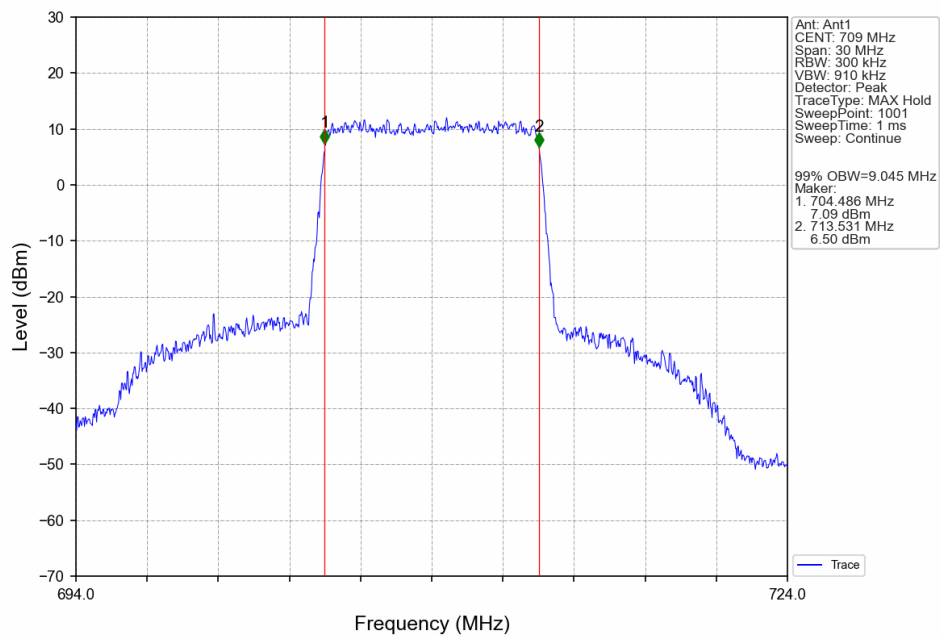
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_50\_0\_NTNV



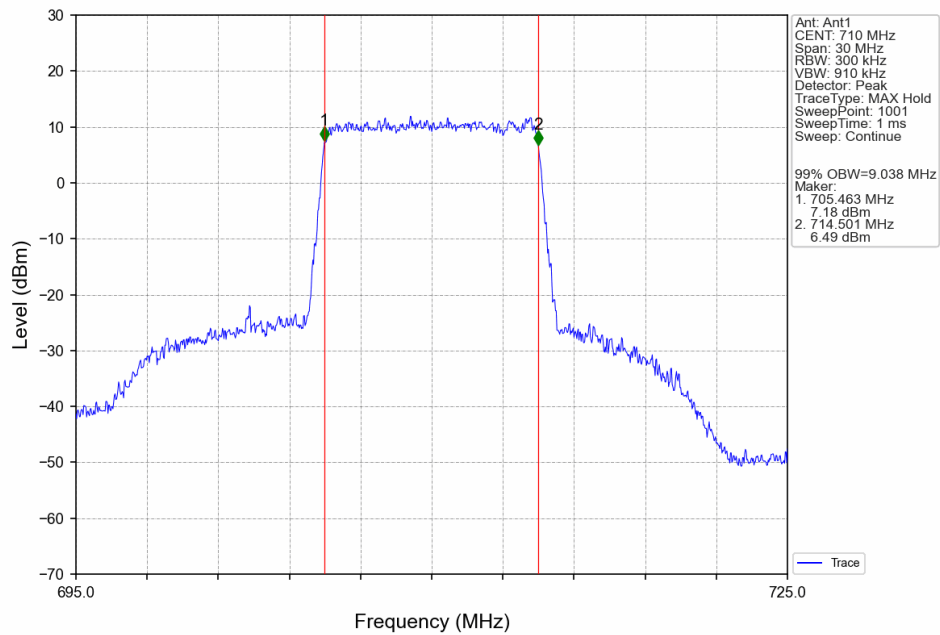
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



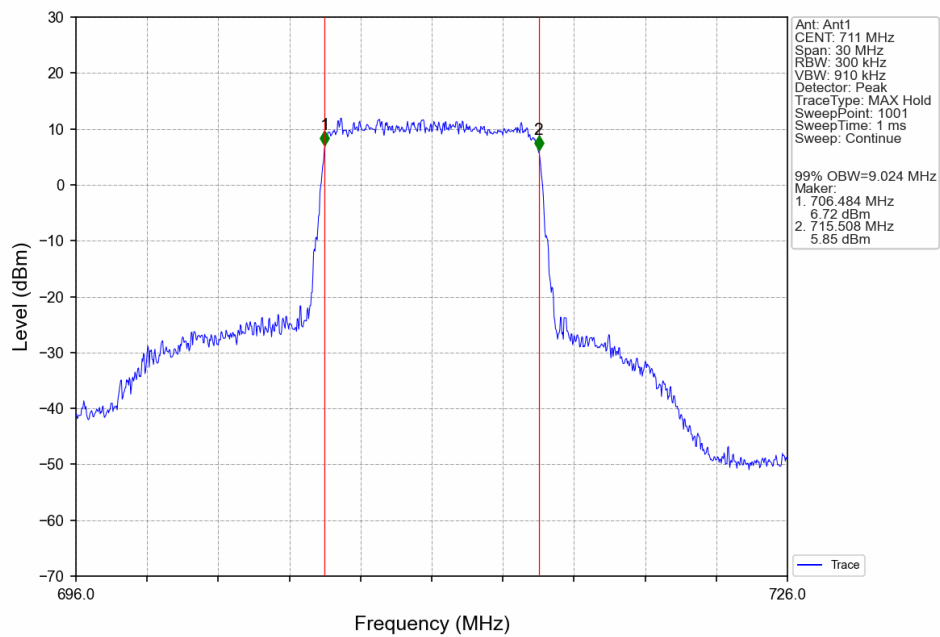
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_50\_0\_NTNV

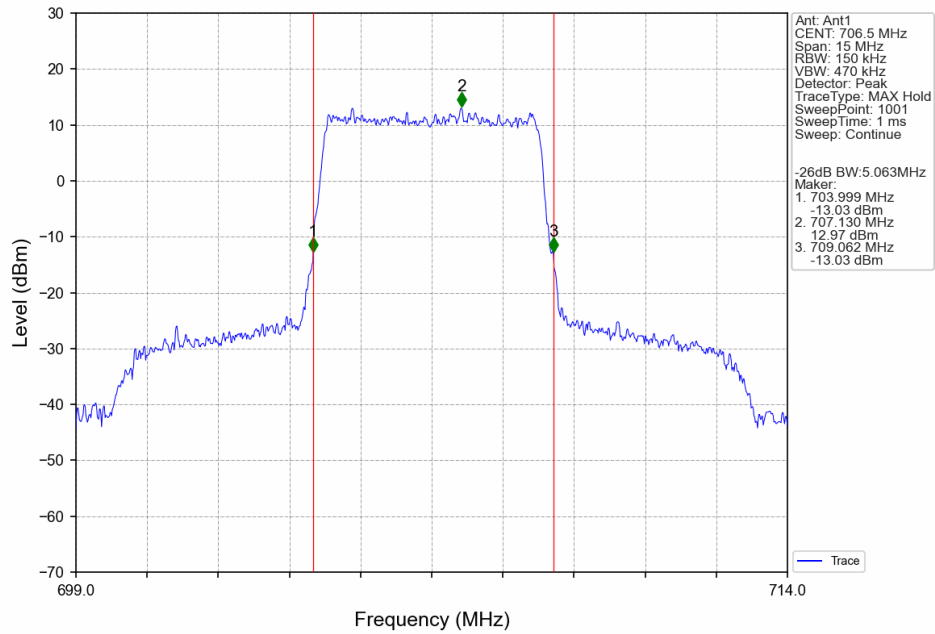


Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV

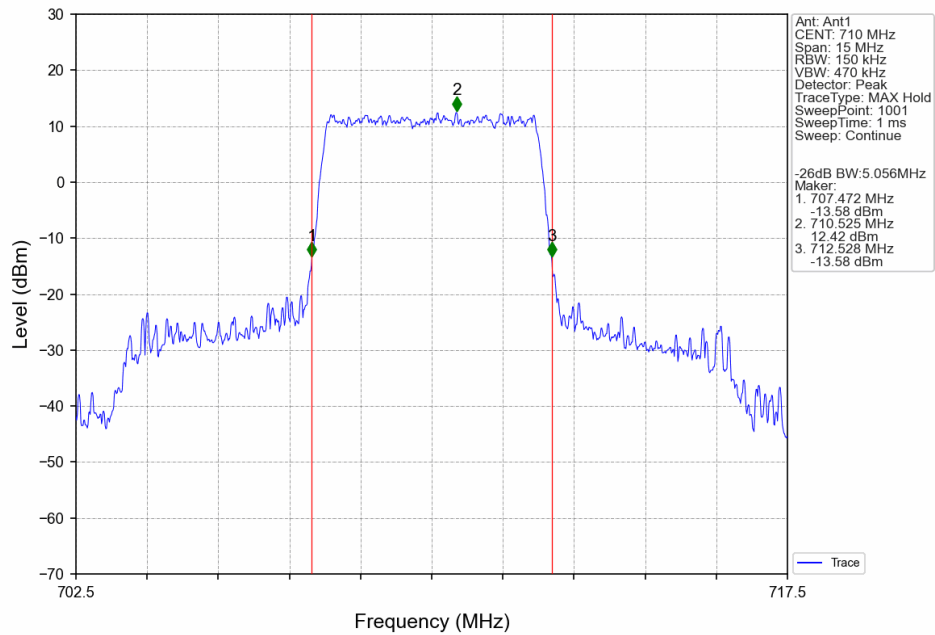


## 4.2.2 Band17\_XDB

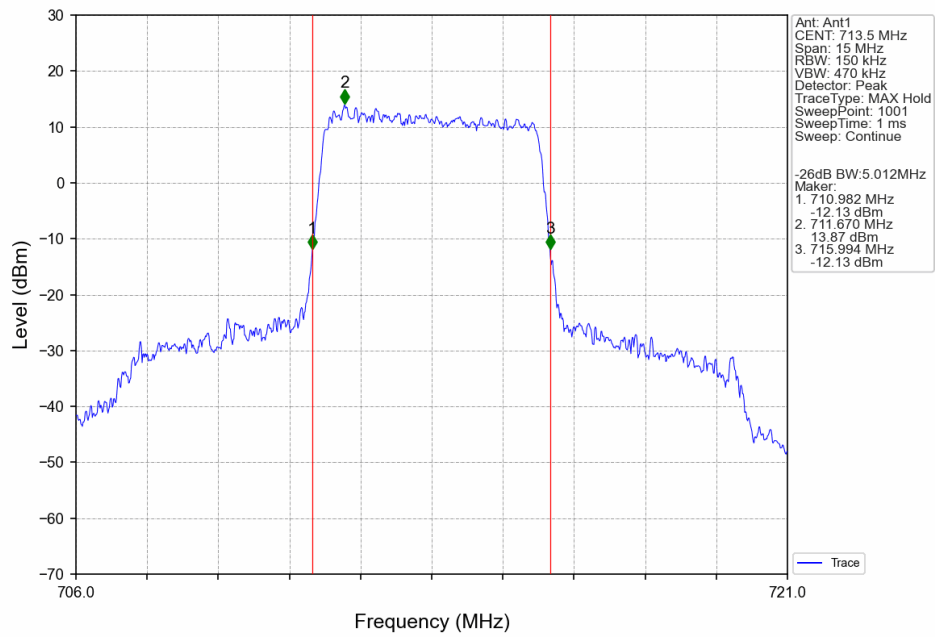
Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



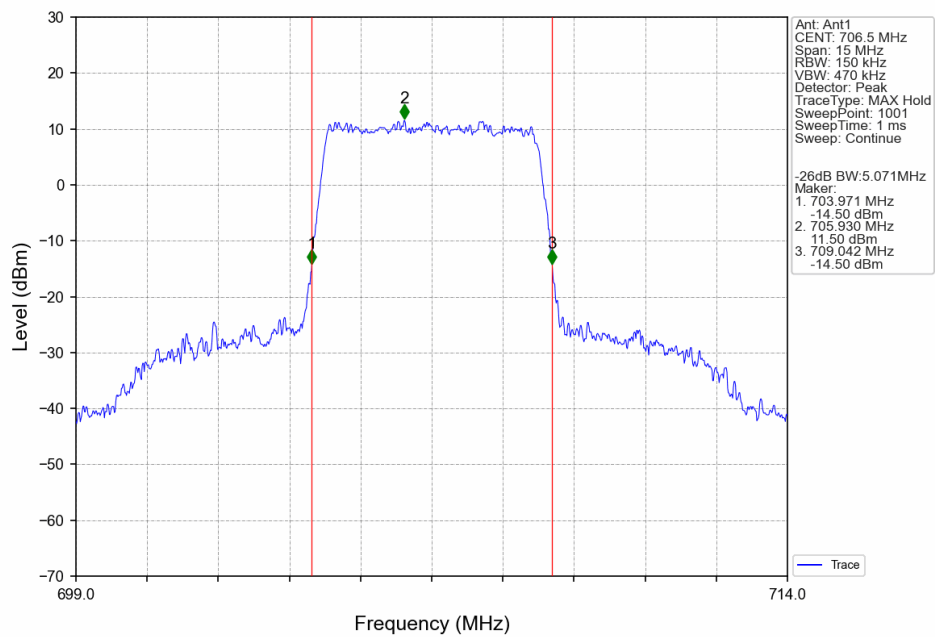
Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_25\_0\_NTNV



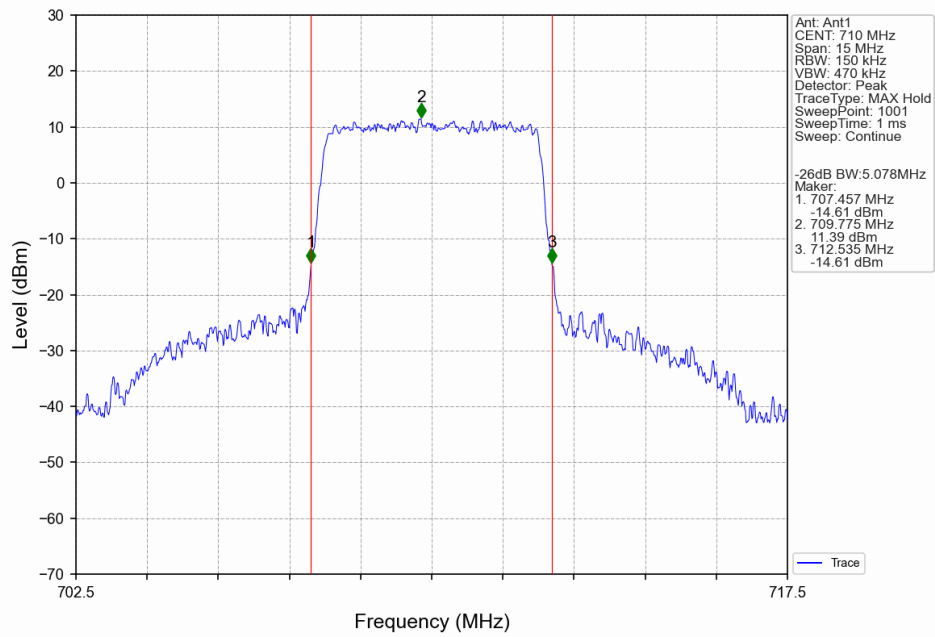
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



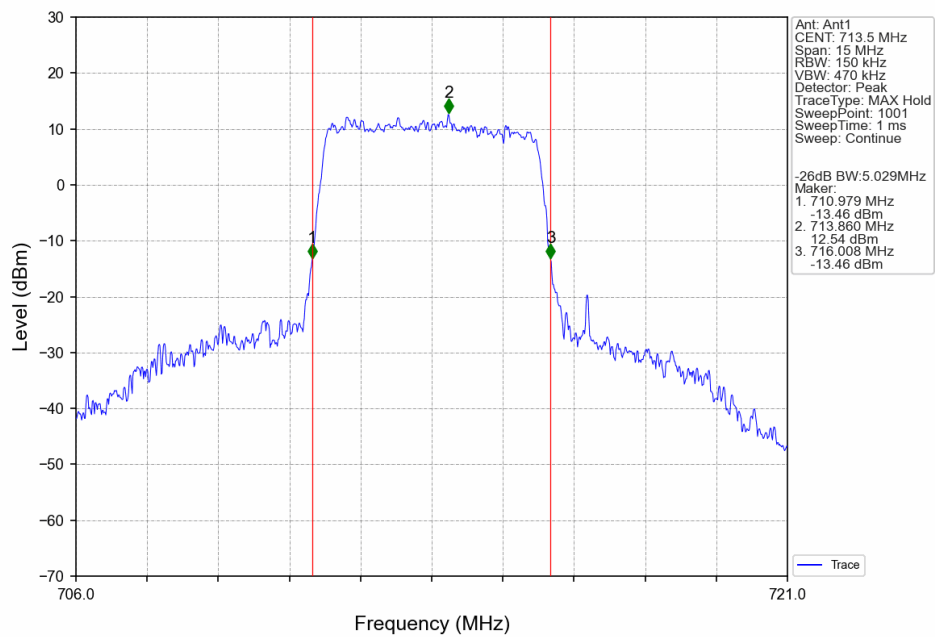
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



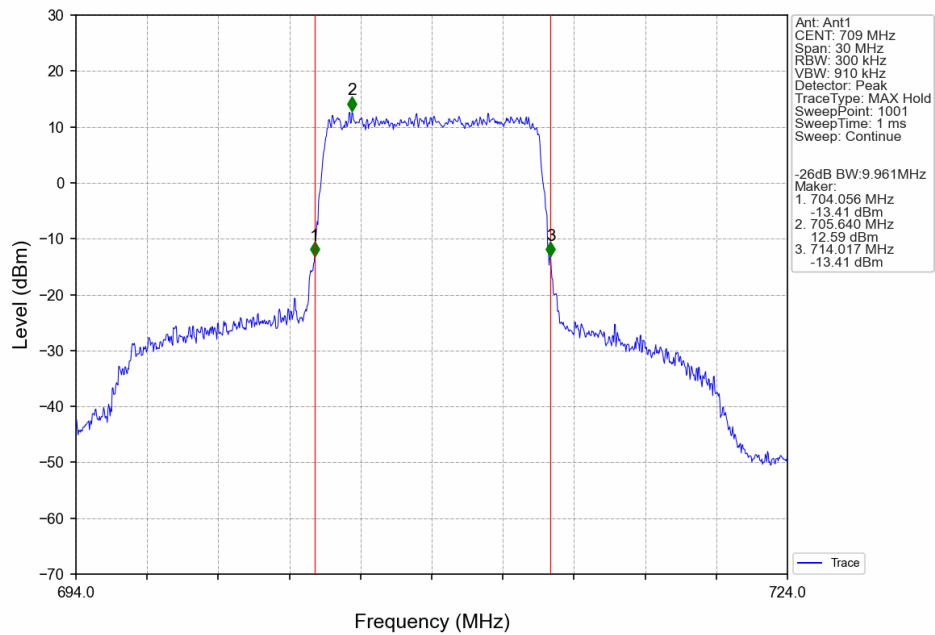
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_25\_0\_NTNV



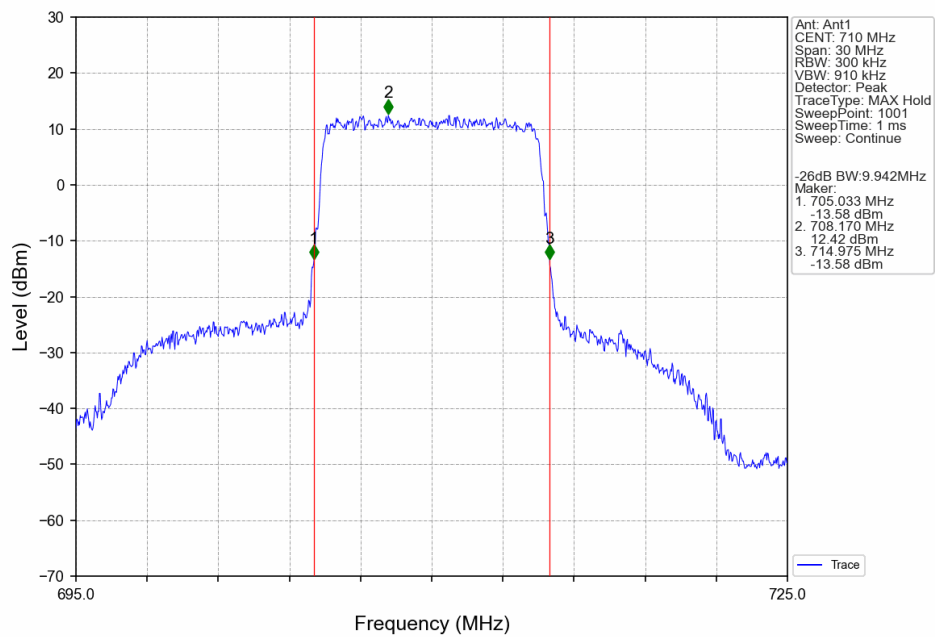
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



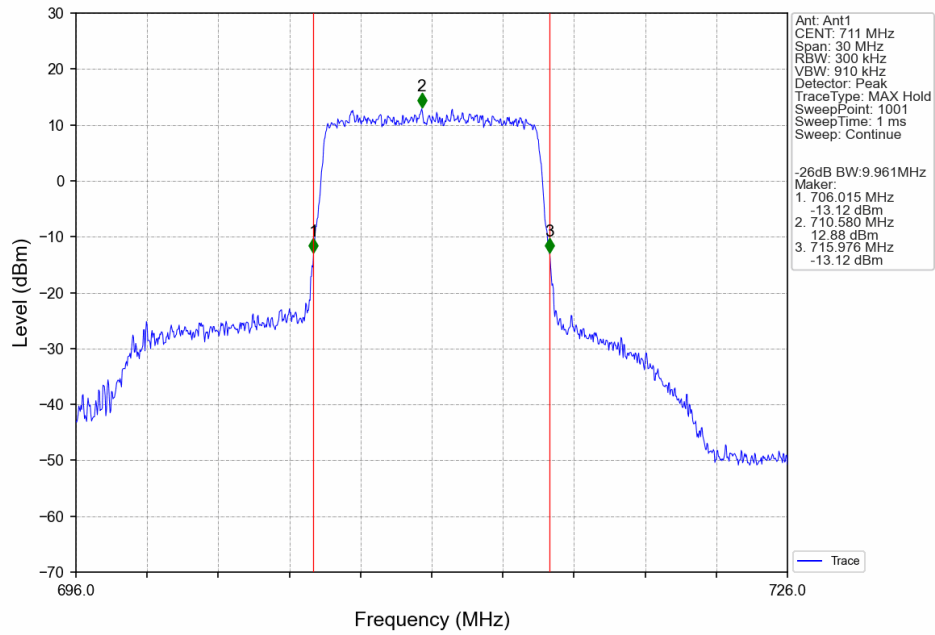
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV



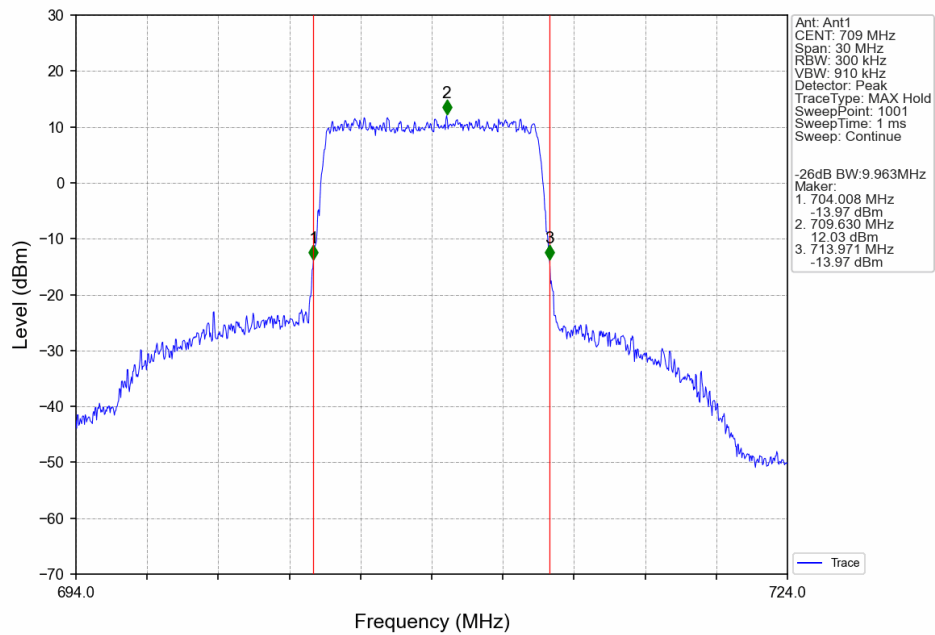
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_50\_0\_NTNV



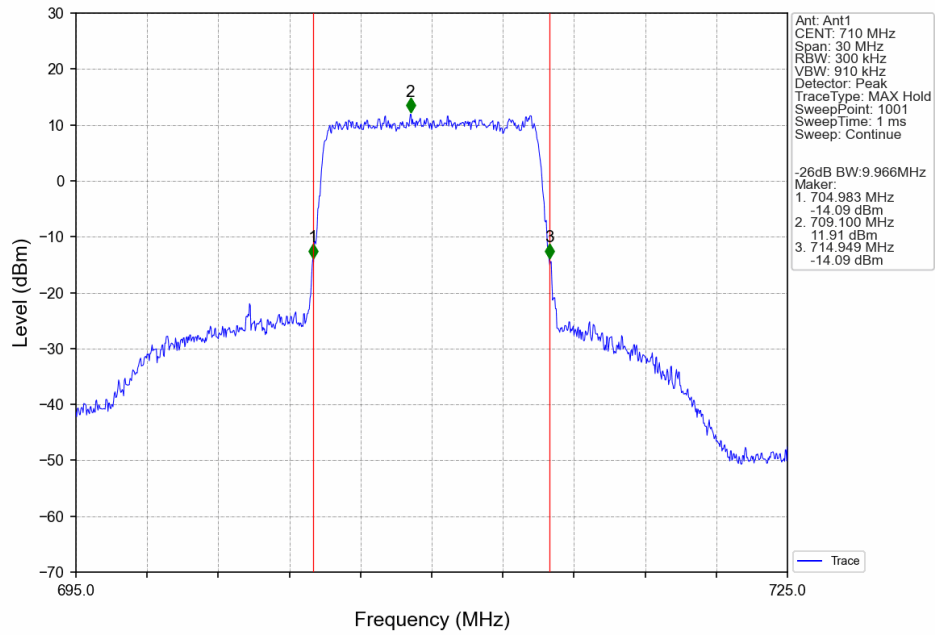
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



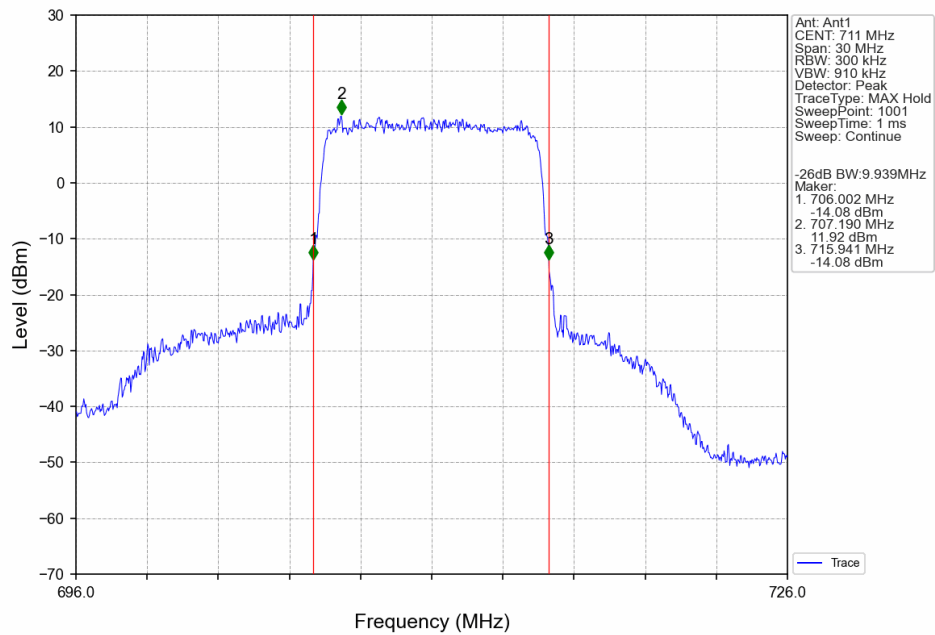
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B17\_5MHz

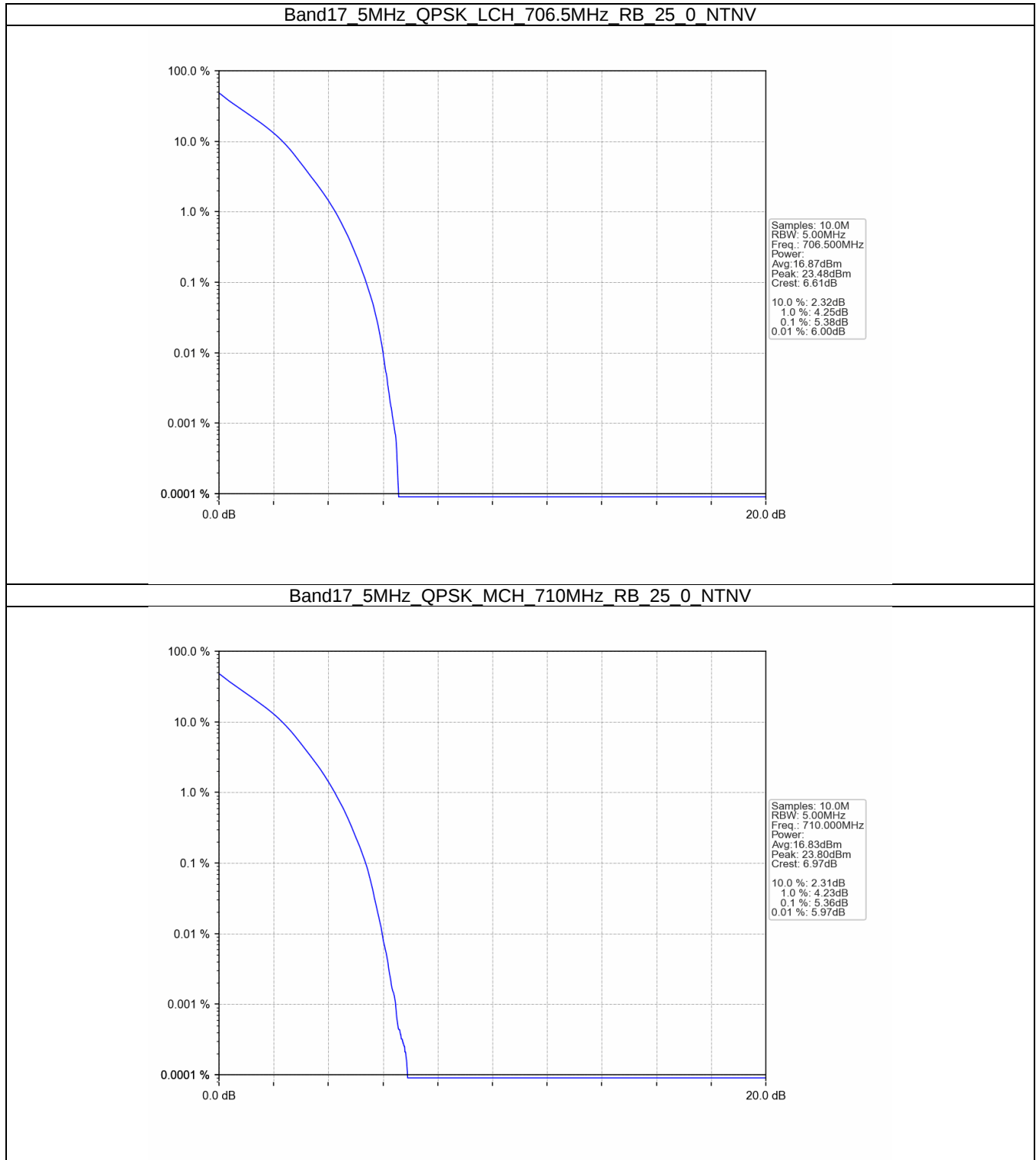
| Band: 17 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 706.5           | 25            | 0      | 5.38                    | <=13  | Pass    |
|                                   | 710             | 25            | 0      | 5.36                    | <=13  | Pass    |
|                                   | 713.5           | 25            | 0      | 5.41                    | <=13  | Pass    |
| 16QAM                             | 706.5           | 25            | 0      | 6.06                    | <=13  | Pass    |
|                                   | 710             | 25            | 0      | 6.01                    | <=13  | Pass    |
|                                   | 713.5           | 25            | 0      | 6.05                    | <=13  | Pass    |

#### 5.1.2 B17\_10MHz

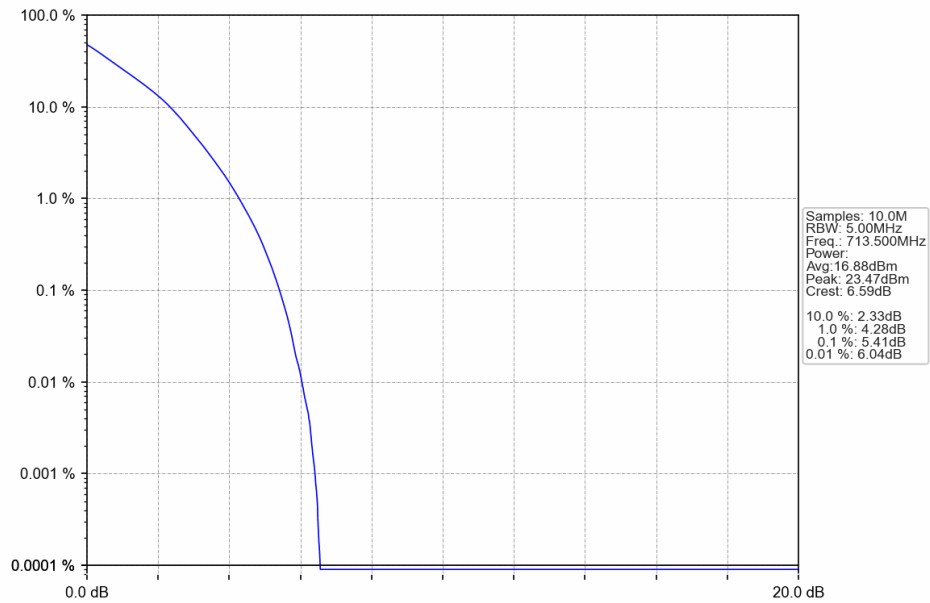
| Band: 17 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 709             | 50            | 0      | 5.32                    | <=13  | Pass    |
|                                    | 710             | 50            | 0      | 5.28                    | <=13  | Pass    |
|                                    | 711             | 50            | 0      | 5.20                    | <=13  | Pass    |
| 16QAM                              | 709             | 50            | 0      | 6.06                    | <=13  | Pass    |
|                                    | 710             | 50            | 0      | 5.99                    | <=13  | Pass    |
|                                    | 711             | 50            | 0      | 5.99                    | <=13  | Pass    |

## 5.2 Test Graph

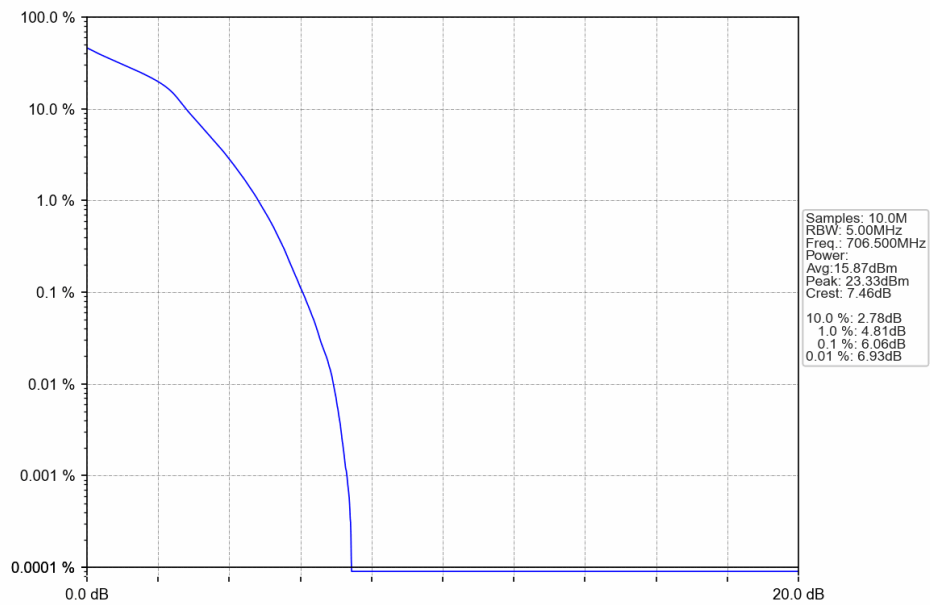
### 5.2.1 B17\_5MHz



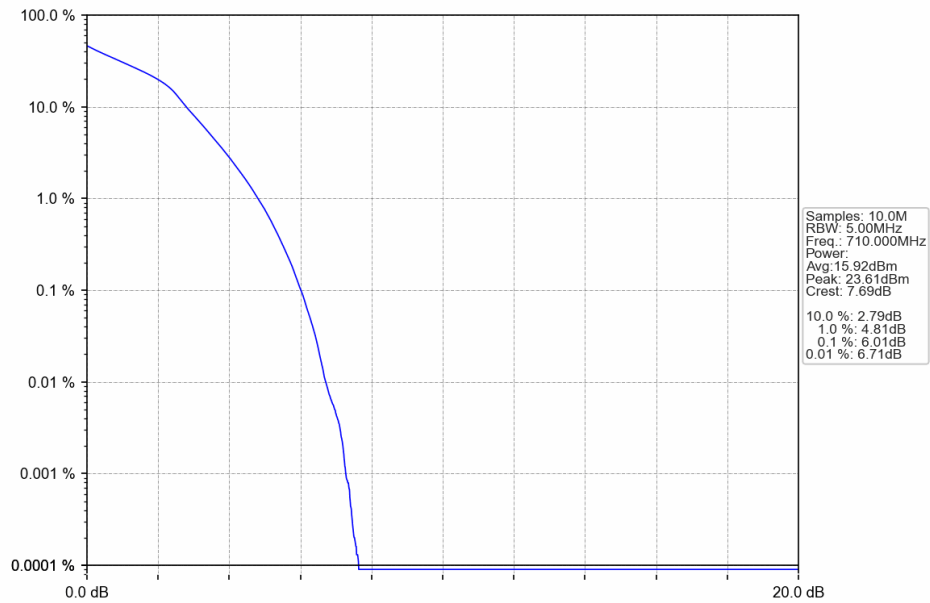
Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



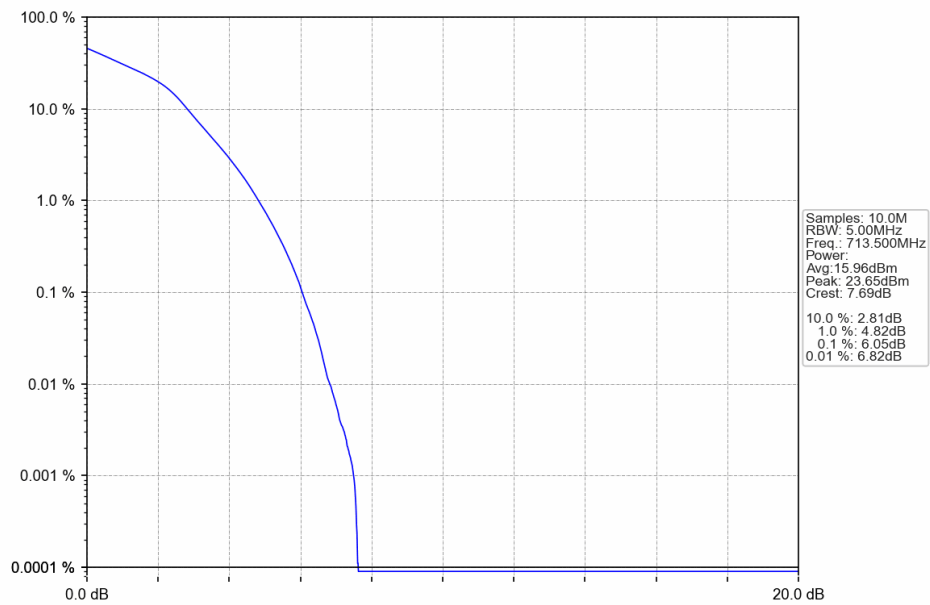
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV



Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_25\_0\_NTNV

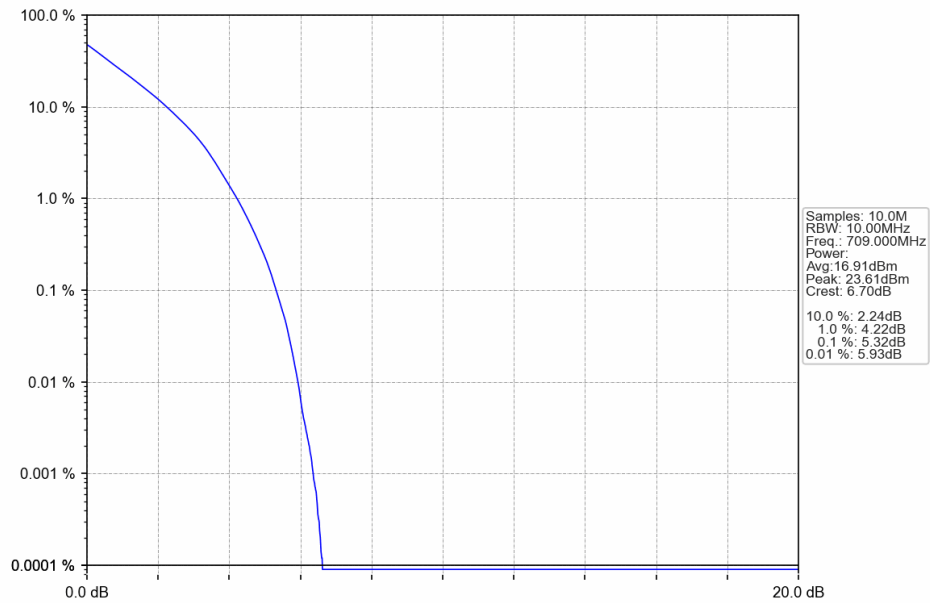


Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV

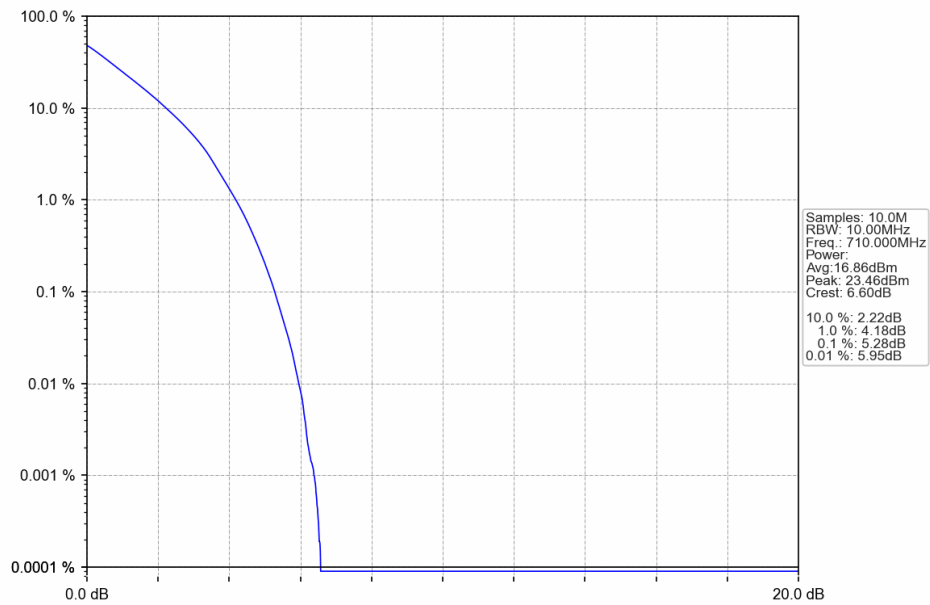


## 5.2.2 B17\_10MHz

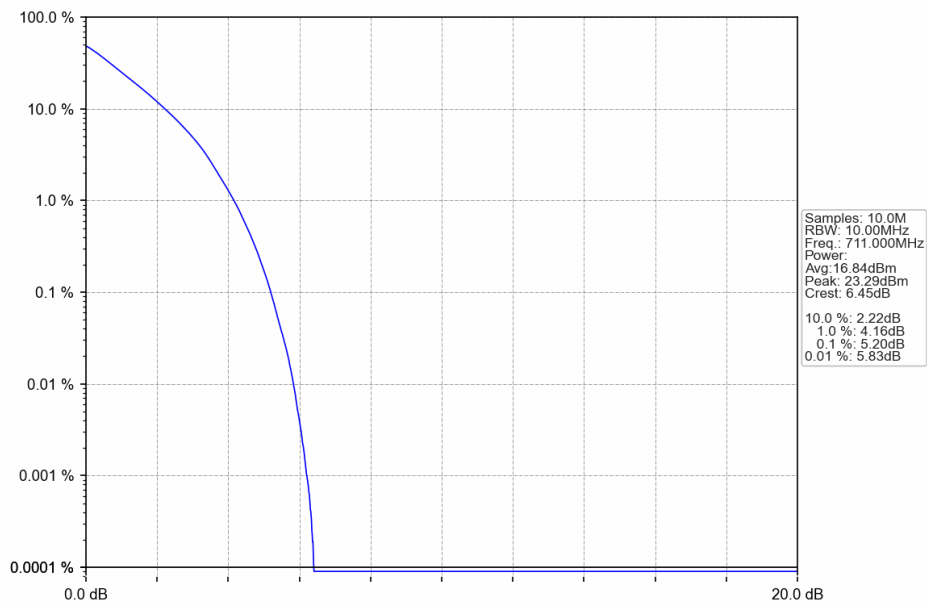
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV



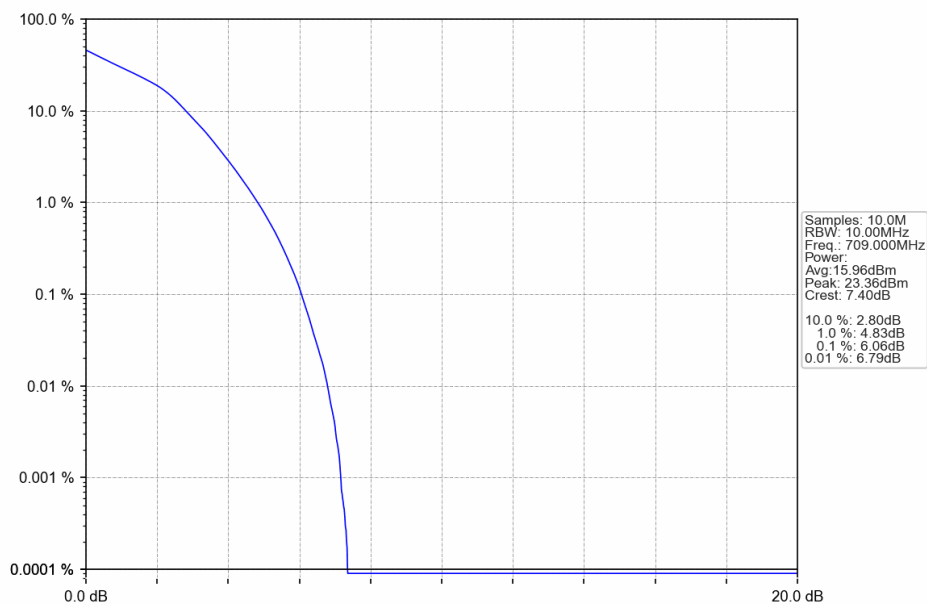
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_50\_0\_NTNV



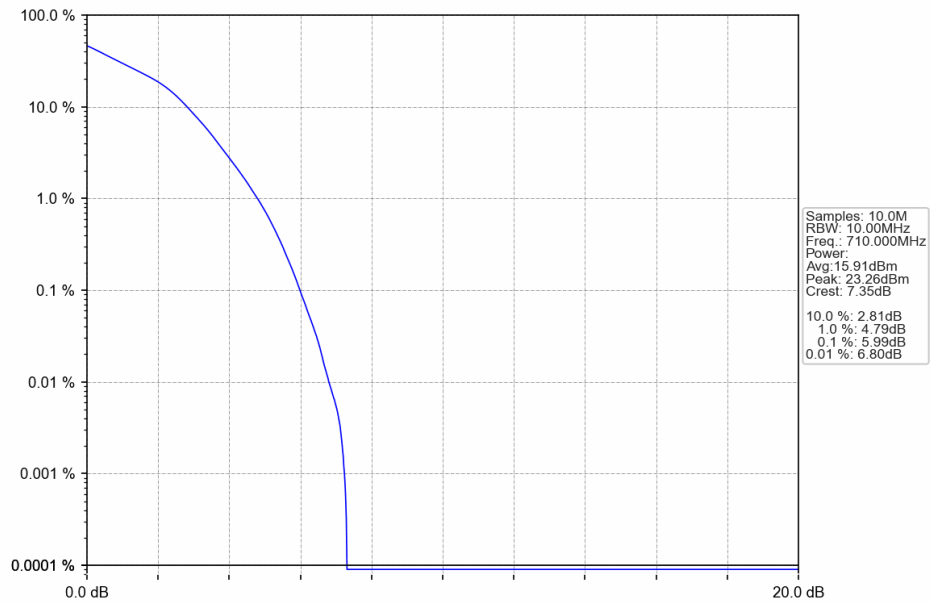
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV



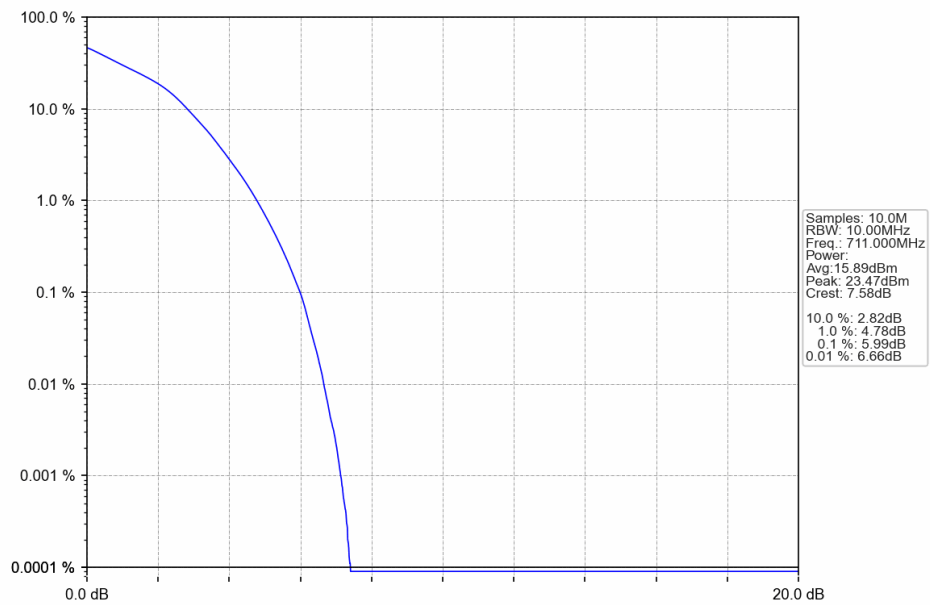
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_50\_0\_NTNV



Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B17\_5MHz

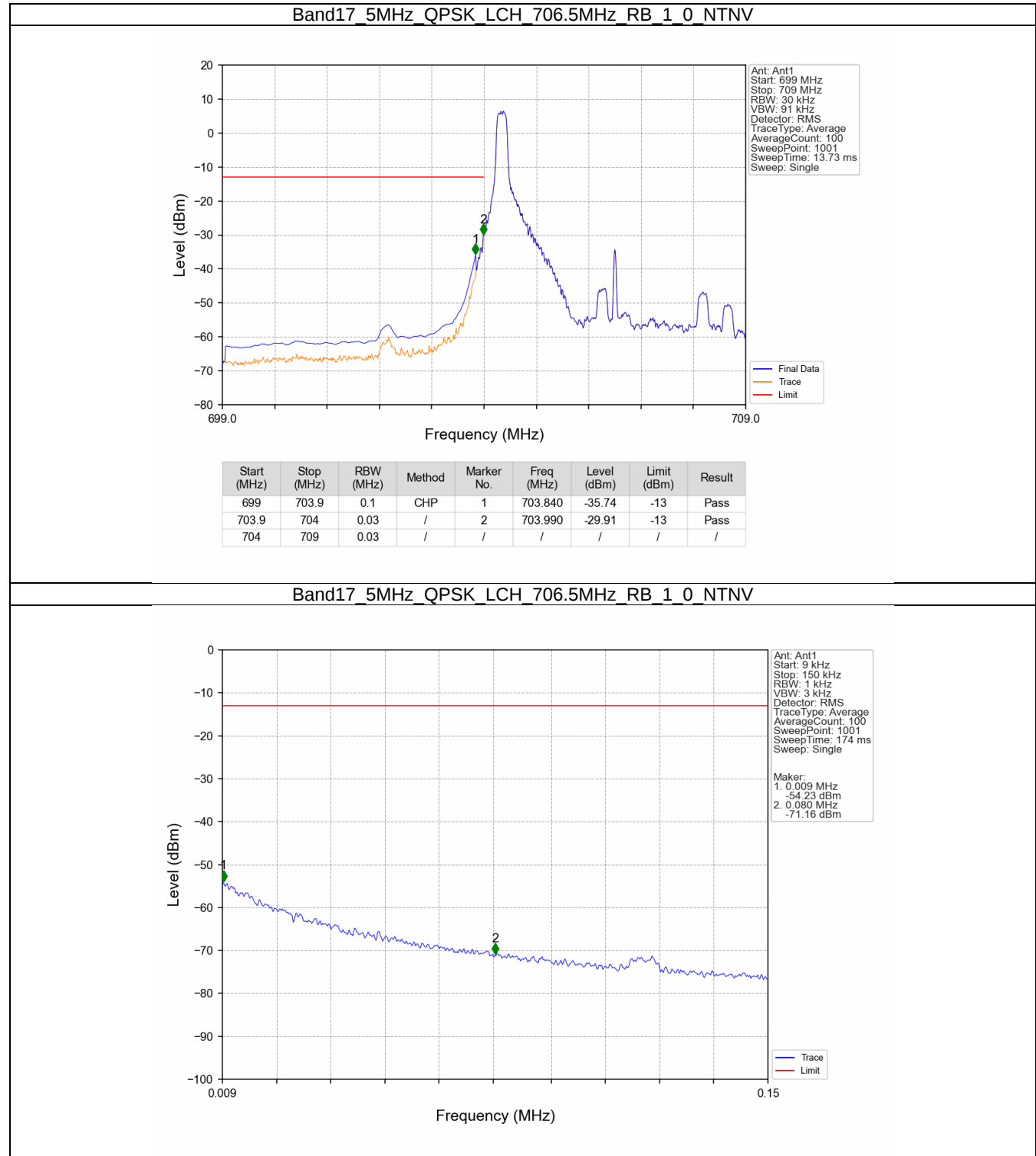
| Band: 17 / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 706.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 710             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 713.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 706.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 710             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 713.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B17\_10MHz

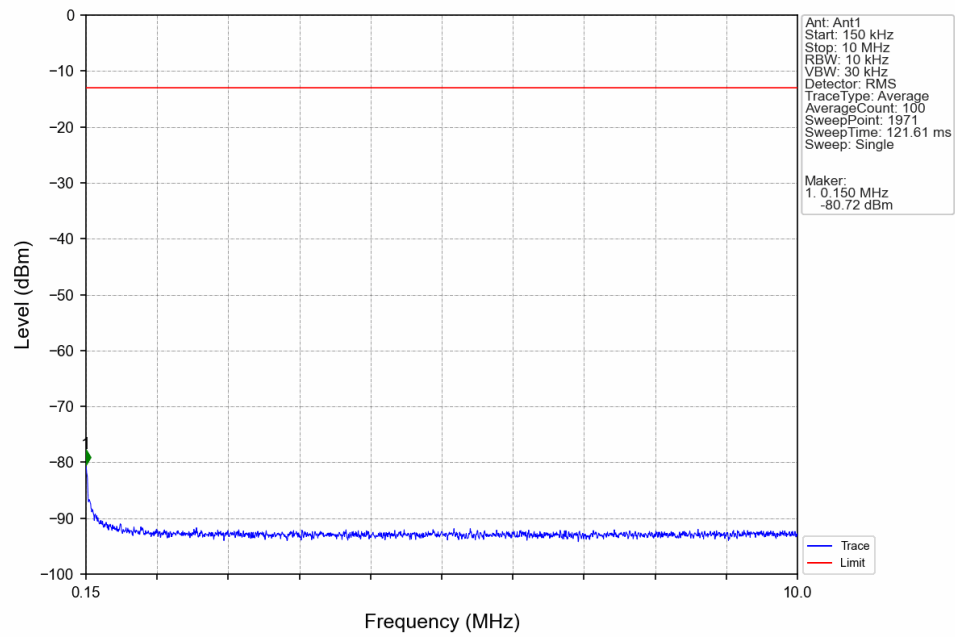
| Band: 17 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 709             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 710             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 711             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 709             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 710             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 711             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

## 6.2 Test Graph

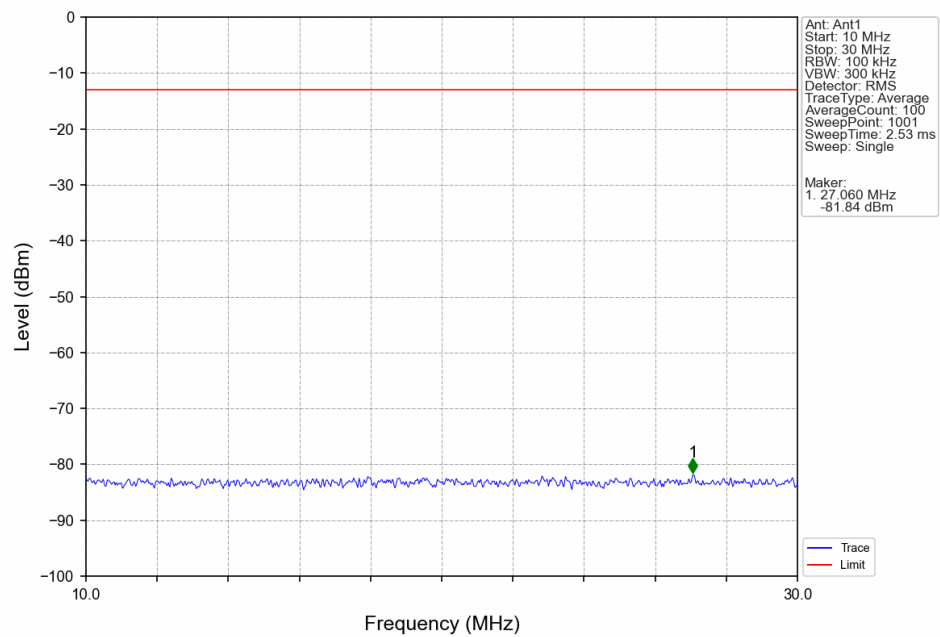
### 6.2.1 B17\_5MHz



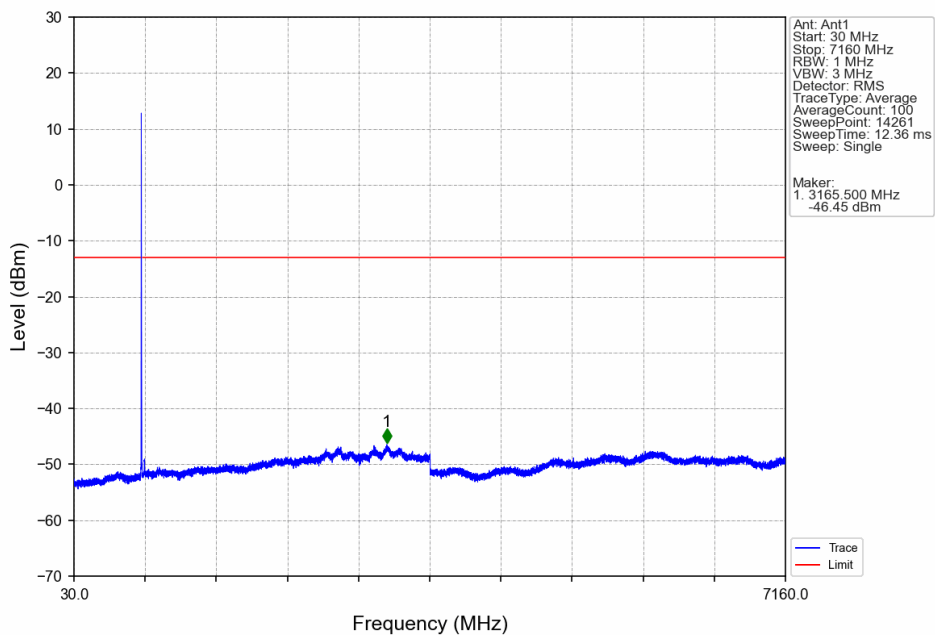
Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



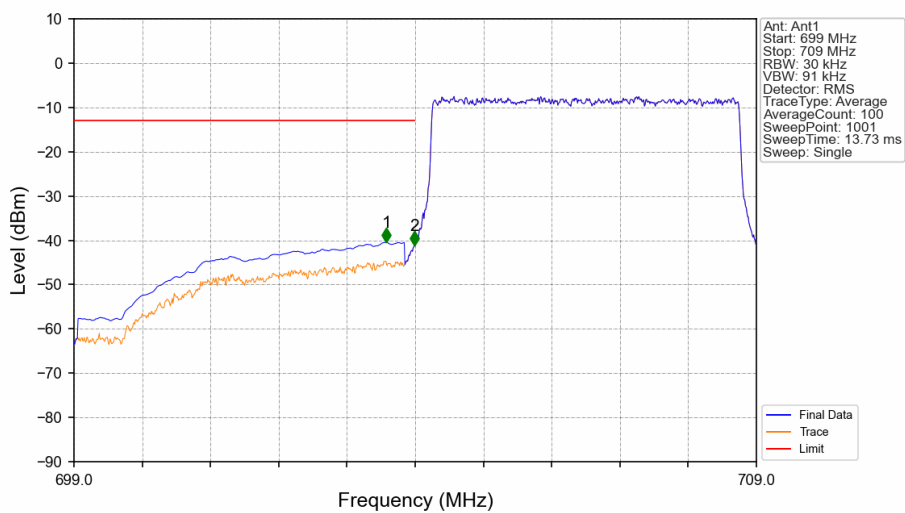
Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



### Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_1\_0\_NTNV

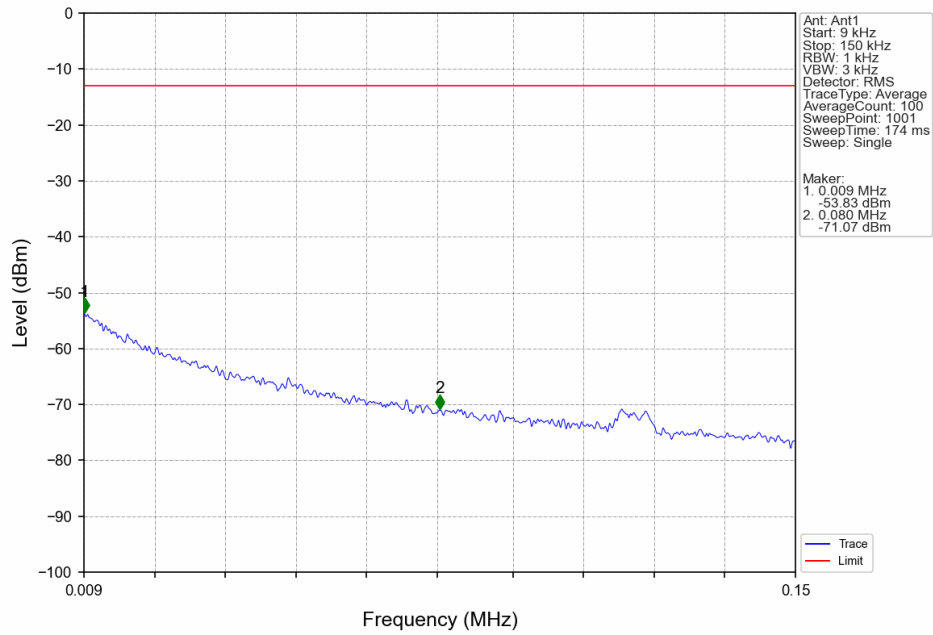


### Band17\_5MHz\_QPSK\_LCH\_706.5MHz\_RB\_25\_0\_NTNV

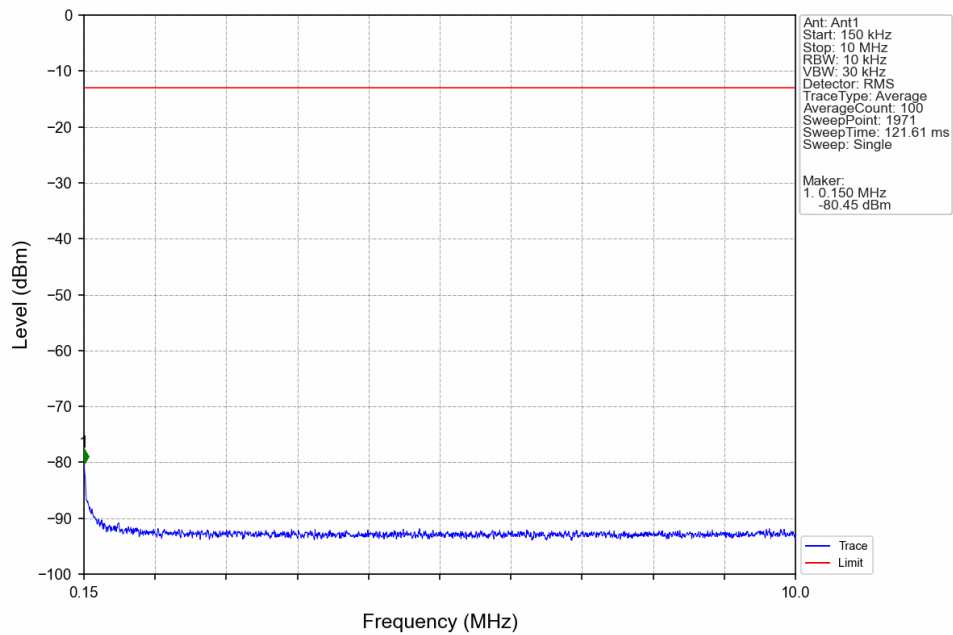


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 699         | 703.9      | 0.1       | CHP    | 1          | 703.580    | -40.45      | -13         | Pass   |
| 703.9       | 704        | 0.03      | /      | 2          | 703.990    | -41.09      | -13         | Pass   |
| 704         | 709        | 0.03      | /      | /          | /          | /           | /           | /      |

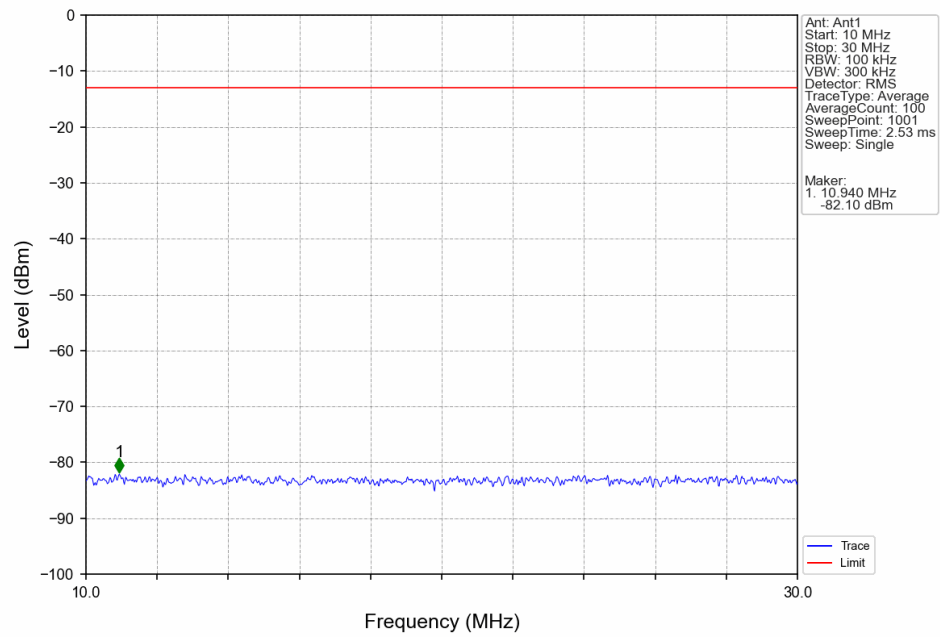
Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



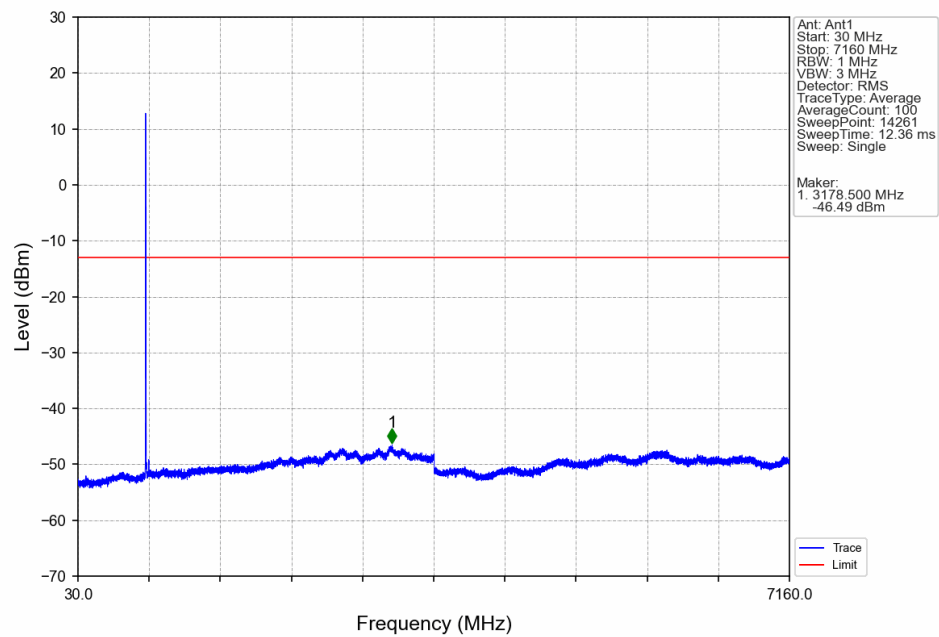
Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



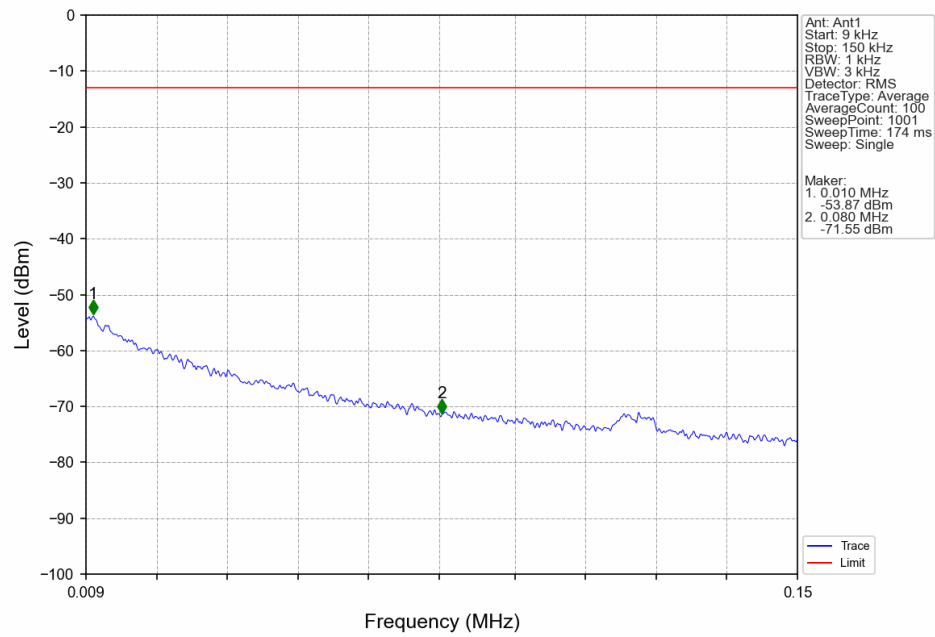
### Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



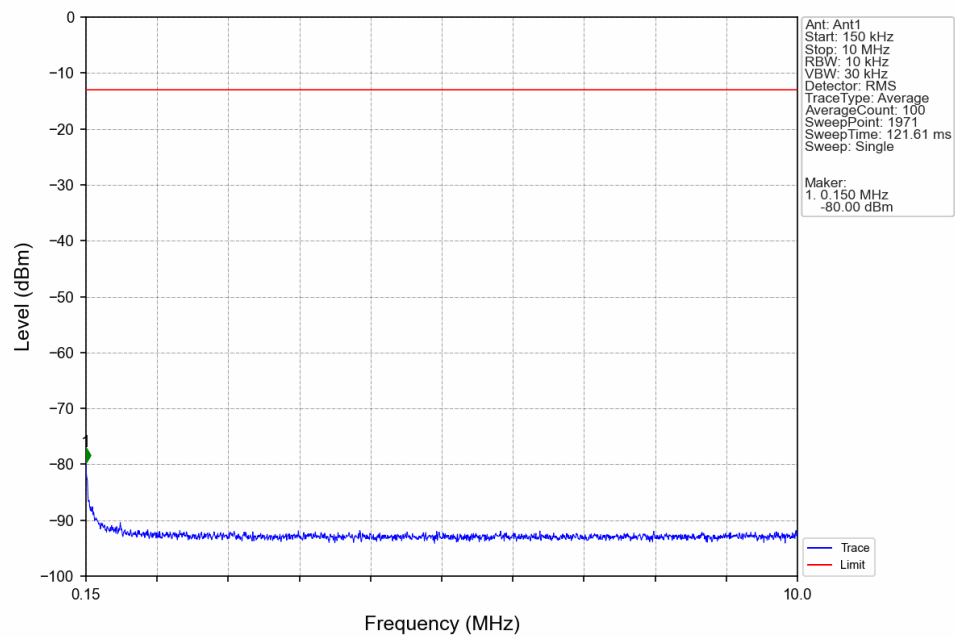
### Band17\_5MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



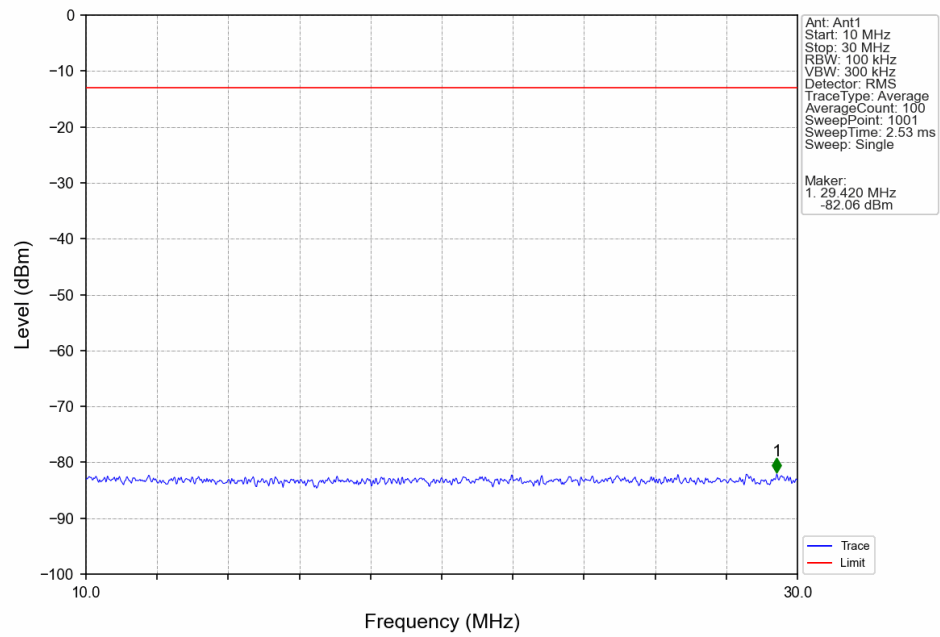
### Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



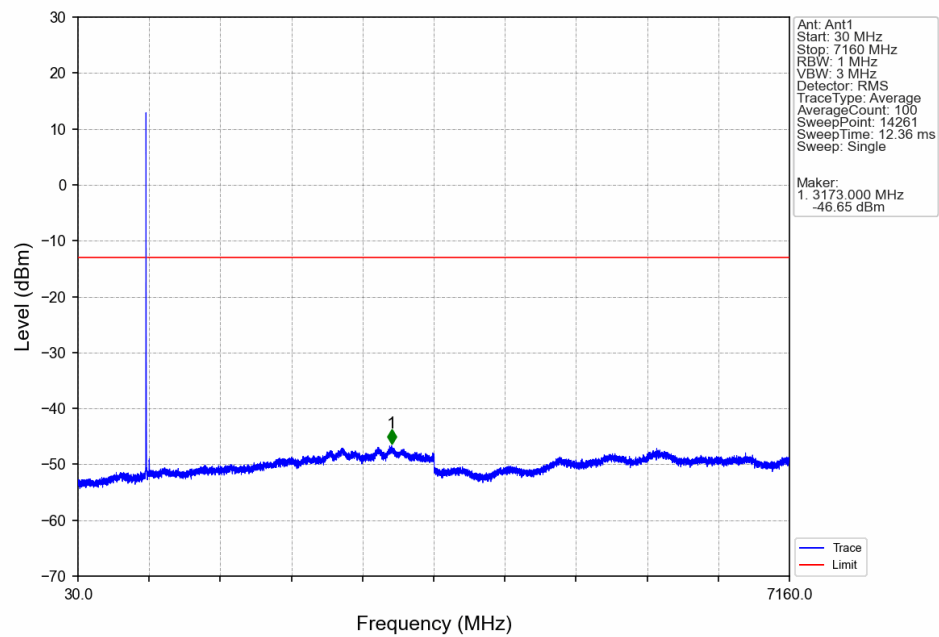
### Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



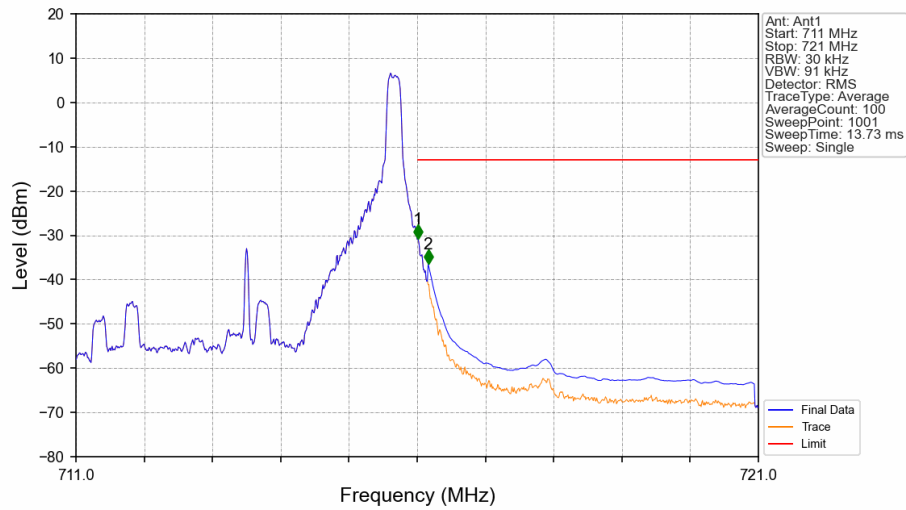
### Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



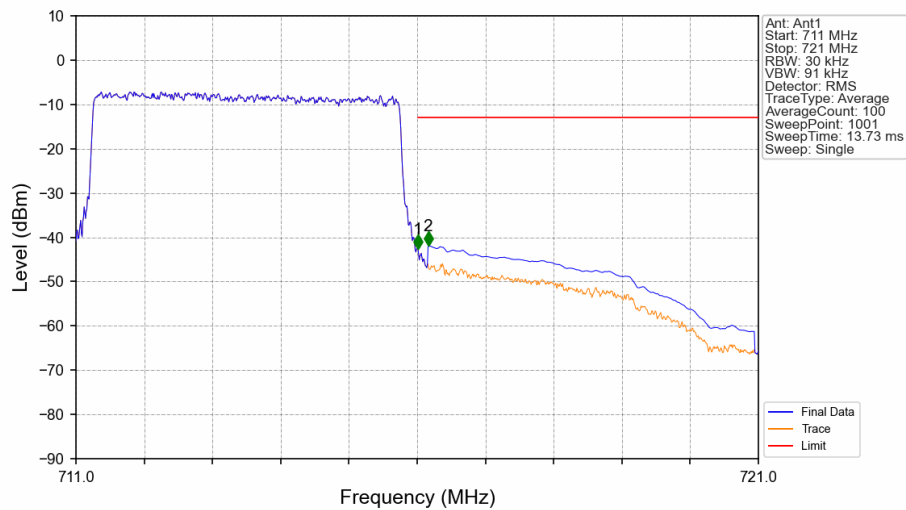
### Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



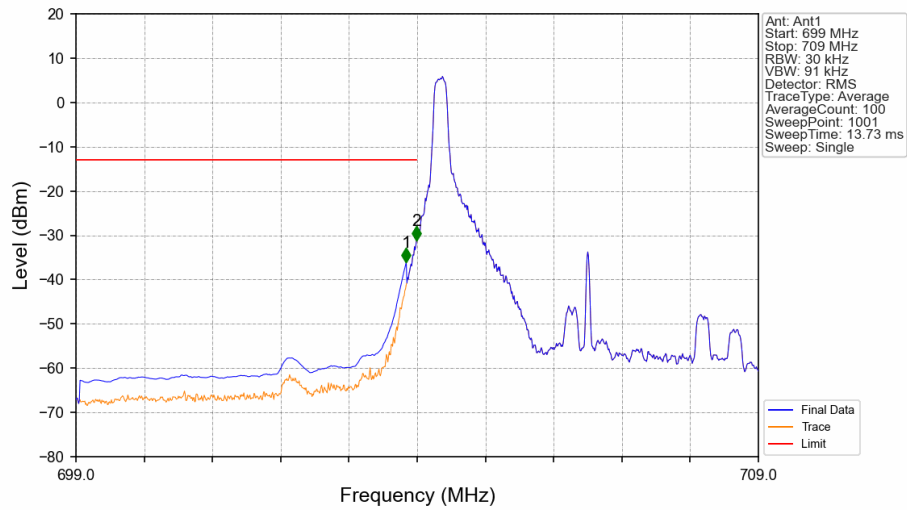
### Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_1\_24\_NTNV



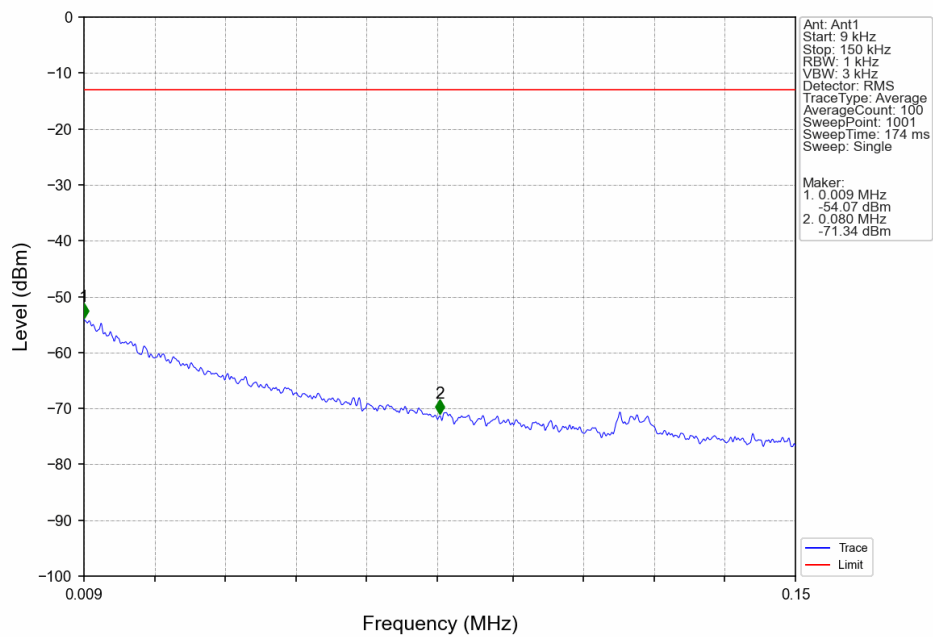
### Band17\_5MHz\_QPSK\_HCH\_713.5MHz\_RB\_25\_0\_NTNV



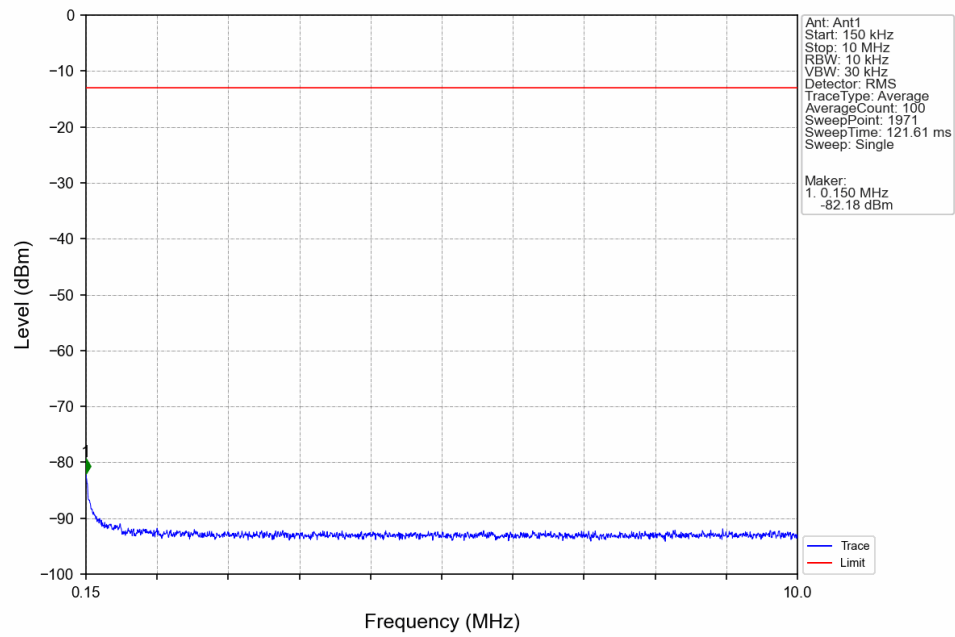
### Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



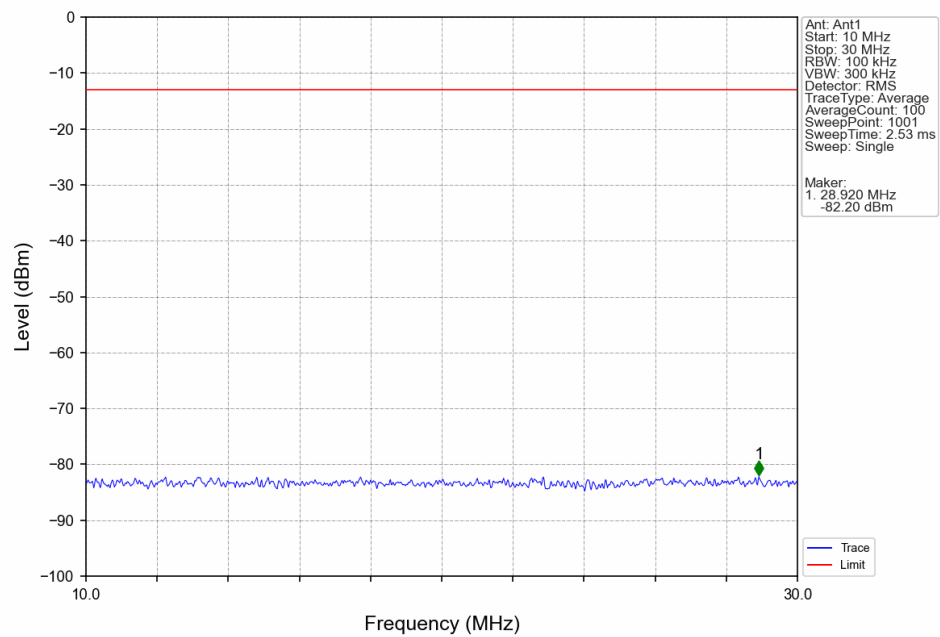
### Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



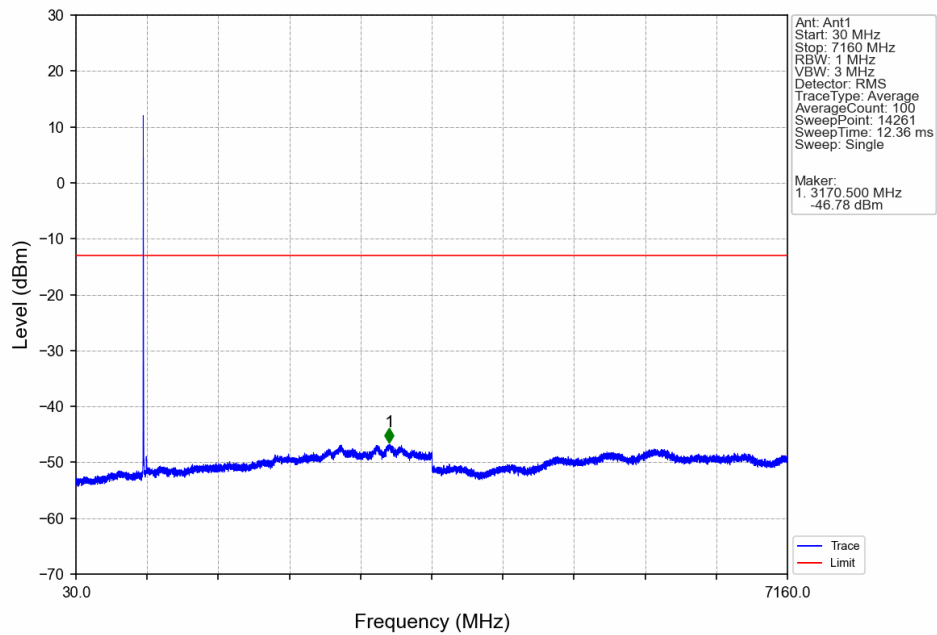
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



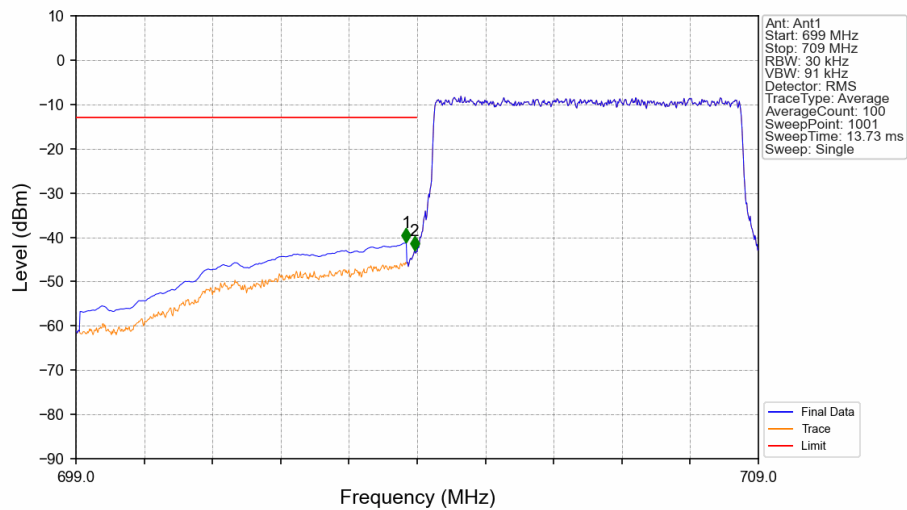
Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV



Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_1\_0\_NTNV

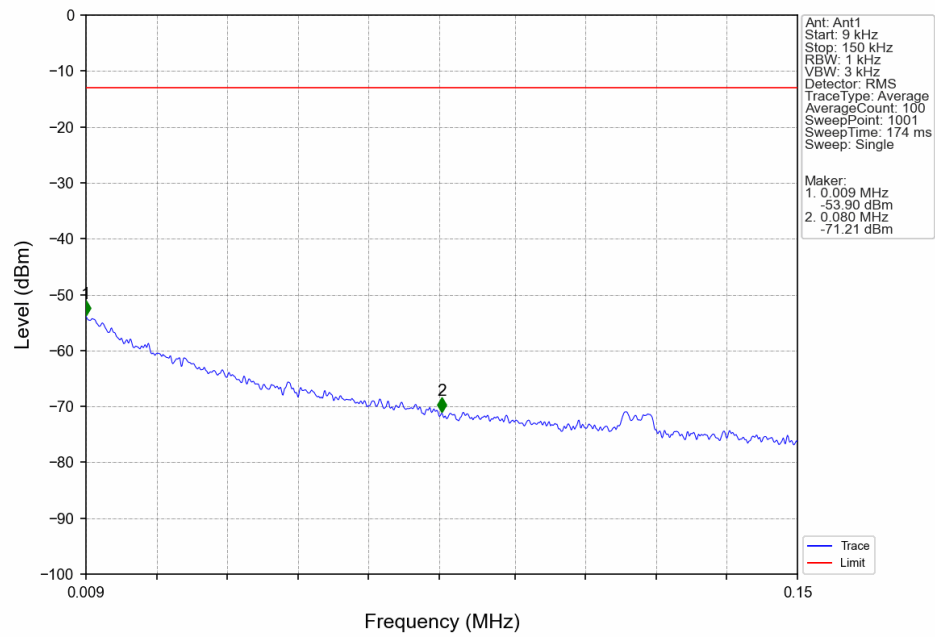


Band17\_5MHz\_16QAM\_LCH\_706.5MHz\_RB\_25\_0\_NTNV

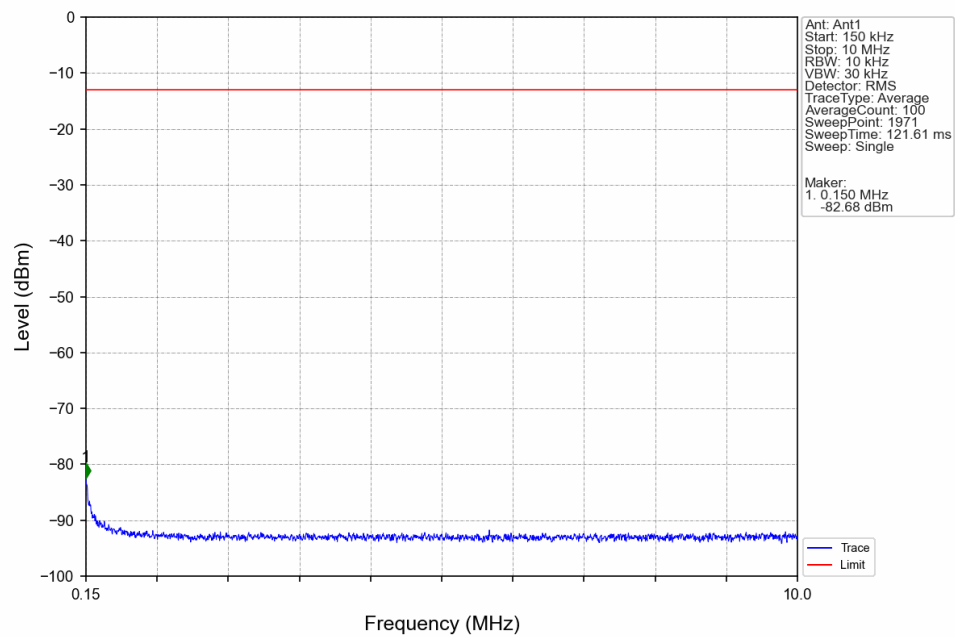


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 699         | 703.9      | 0.1       | CHP    | 1          | 703.840    | -41.21      | -13         | Pass   |
| 703.9       | 704        | 0.03      | /      | 2          | 703.960    | -43.03      | -13         | Pass   |
| 704         | 709        | 0.03      | /      | /          | /          | /           | /           | /      |

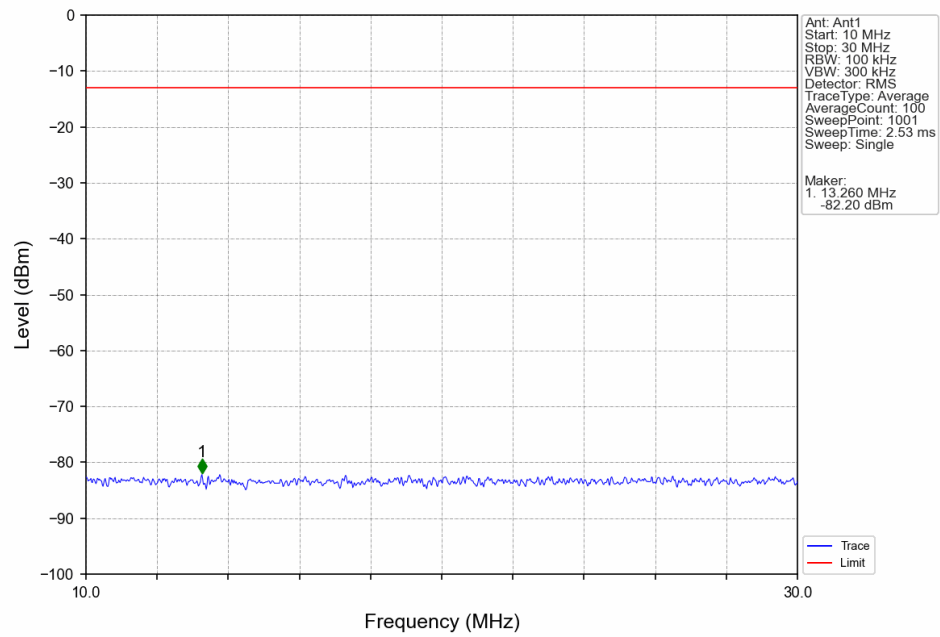
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



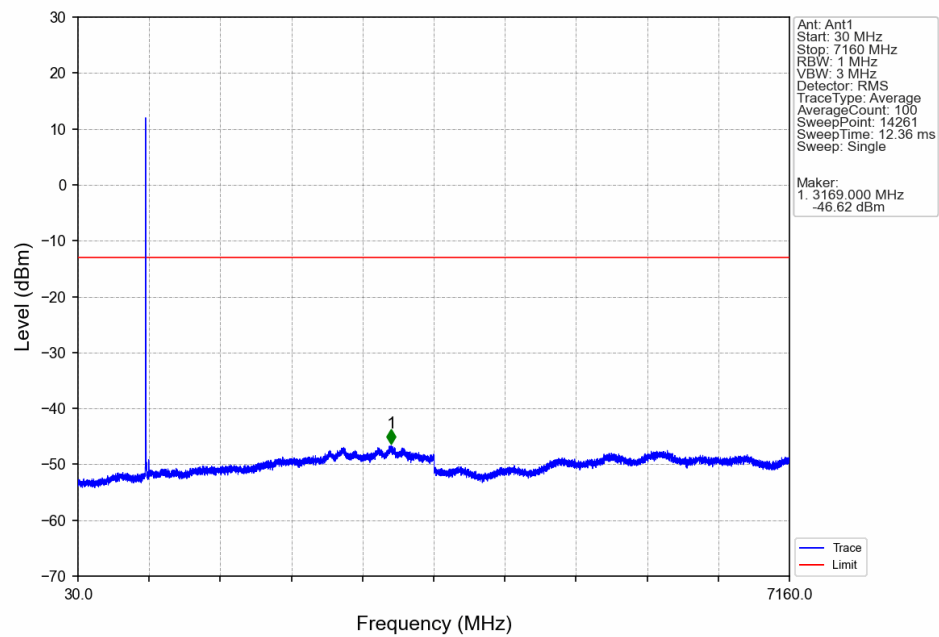
Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



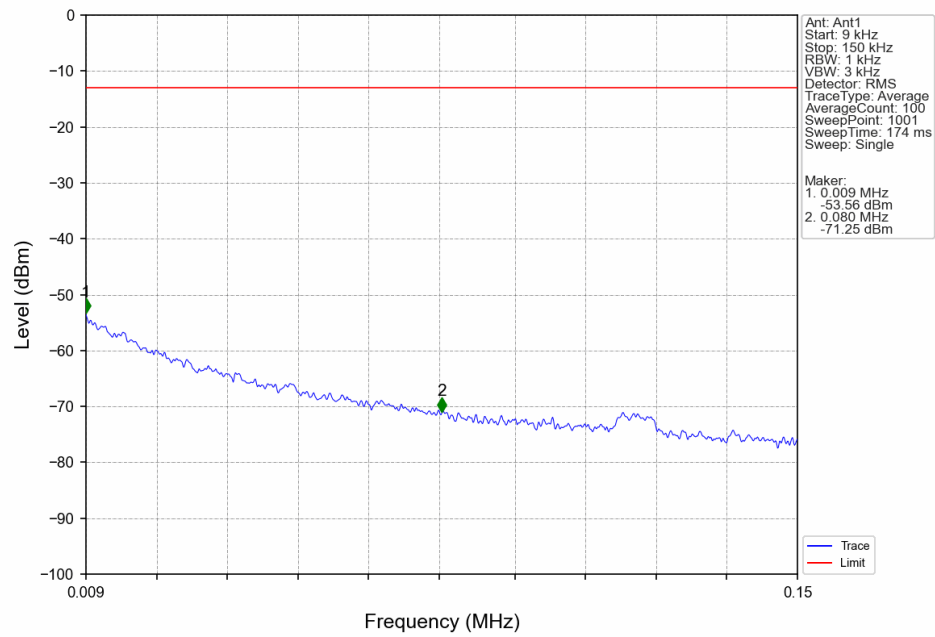
### Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



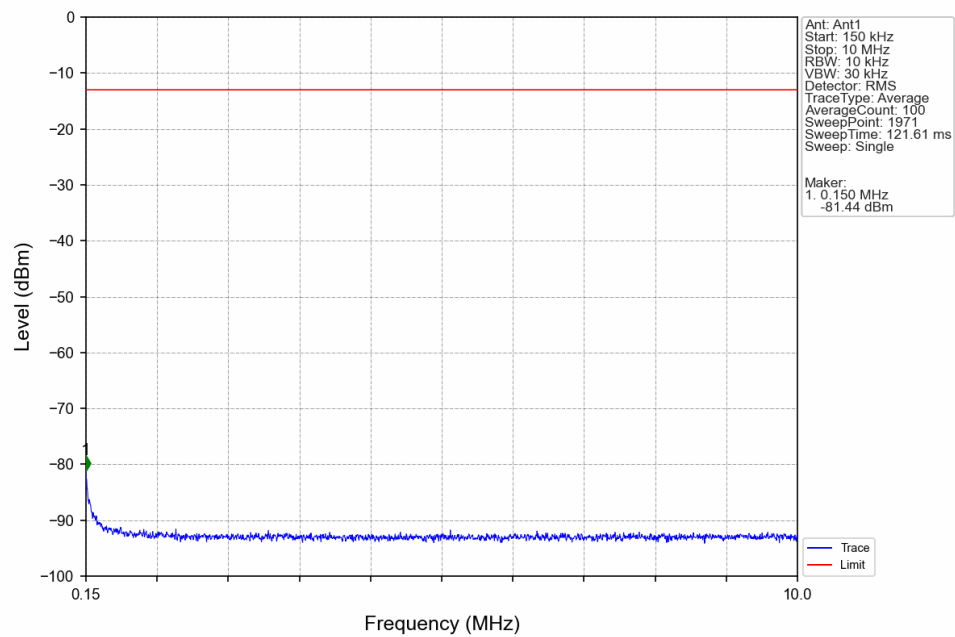
### Band17\_5MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



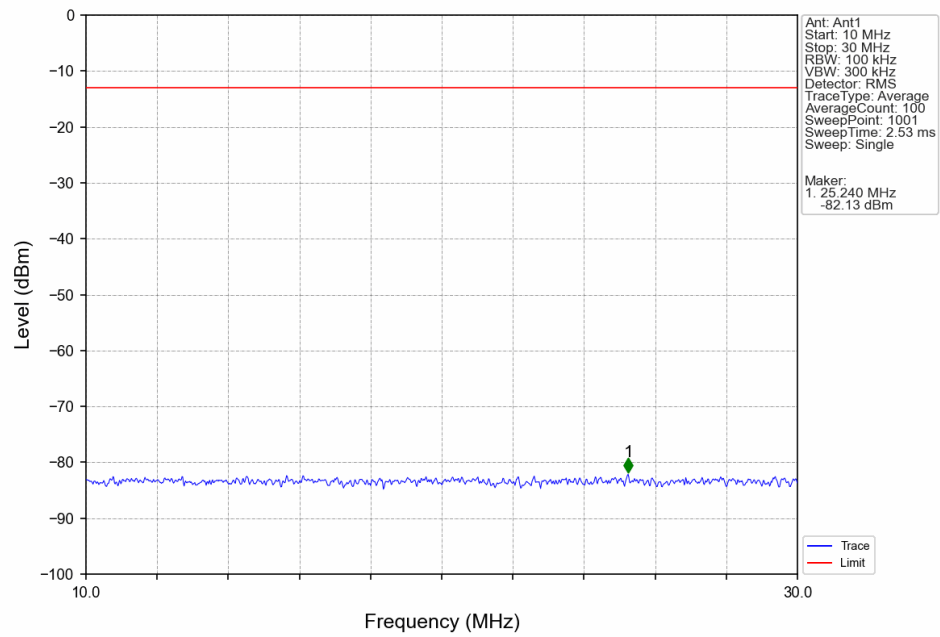
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



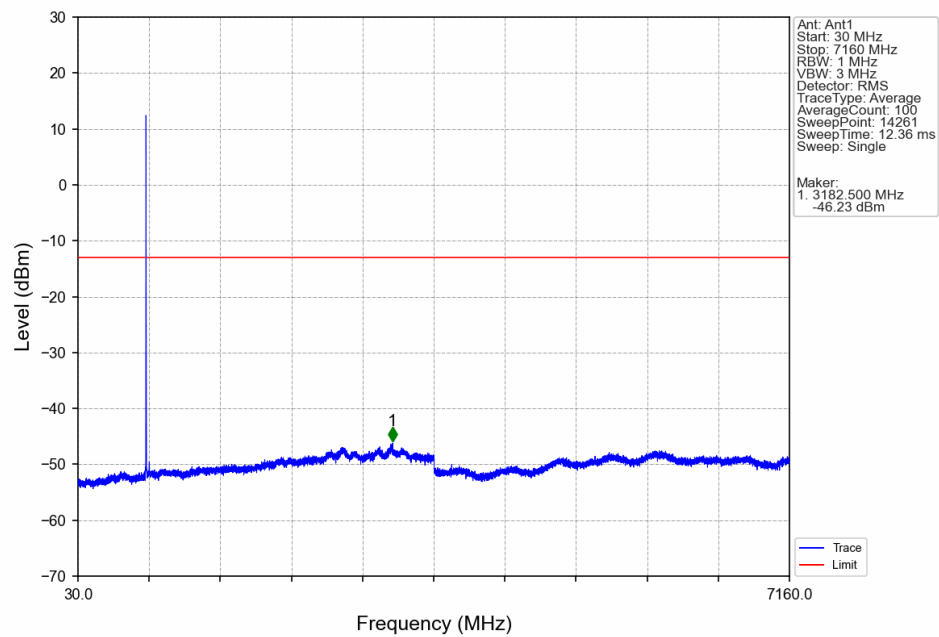
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



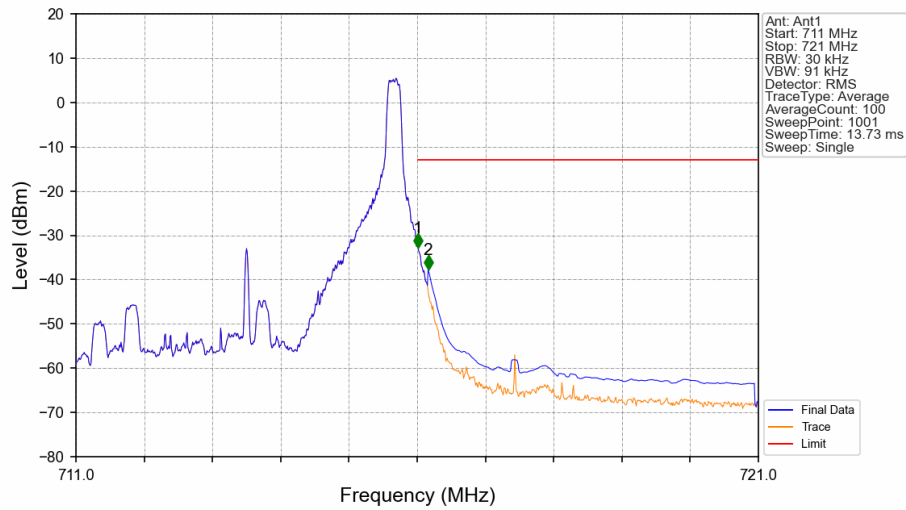
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



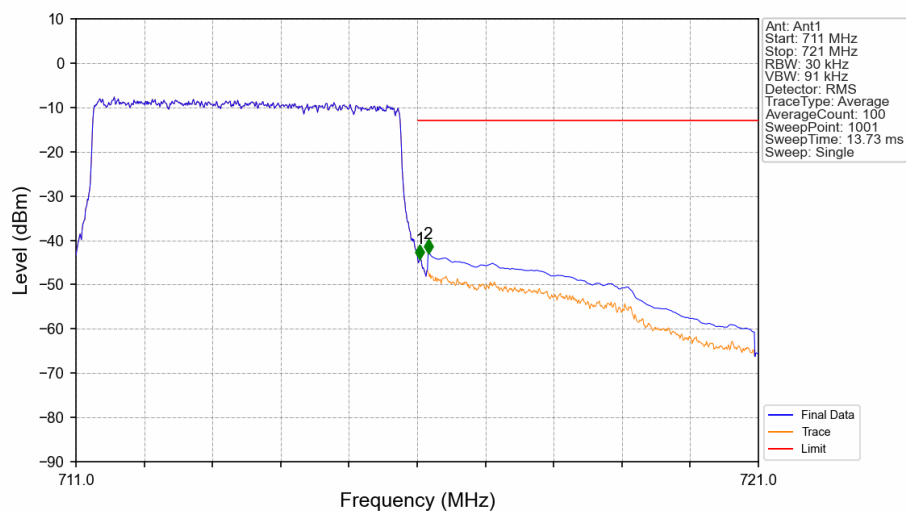
Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_0\_NTNV



### Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_1\_24\_NTNV

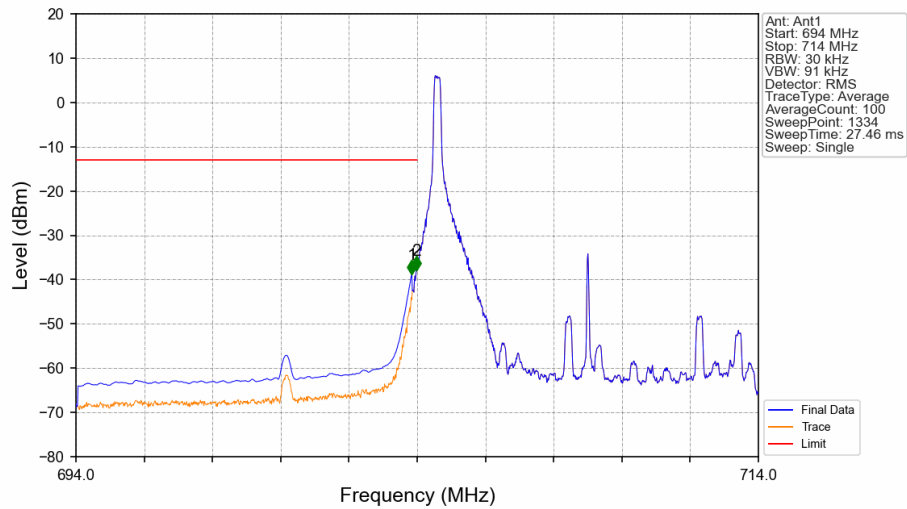


### Band17\_5MHz\_16QAM\_HCH\_713.5MHz\_RB\_25\_0\_NTNV

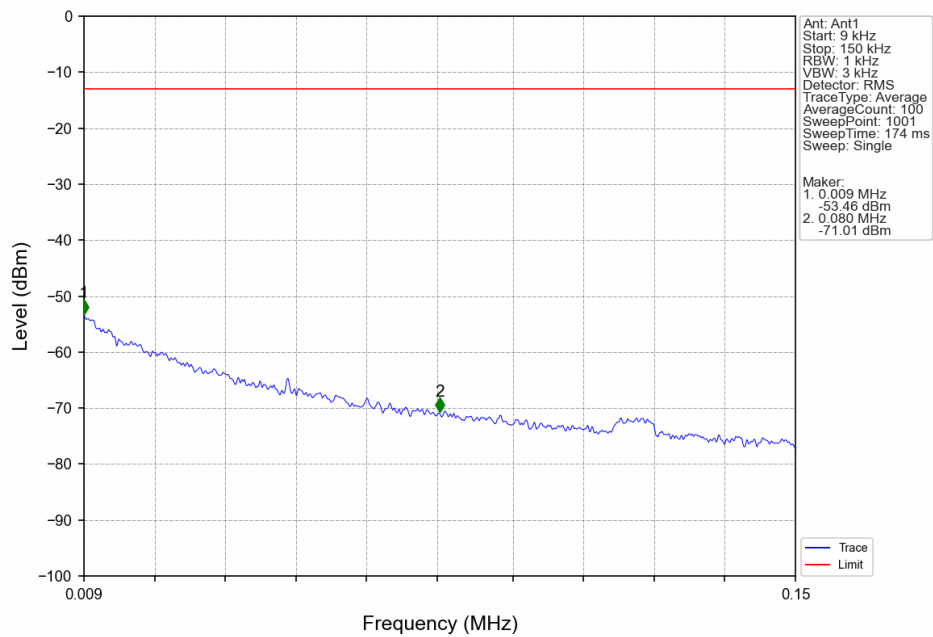


## 6.2.2 B17\_10MHz

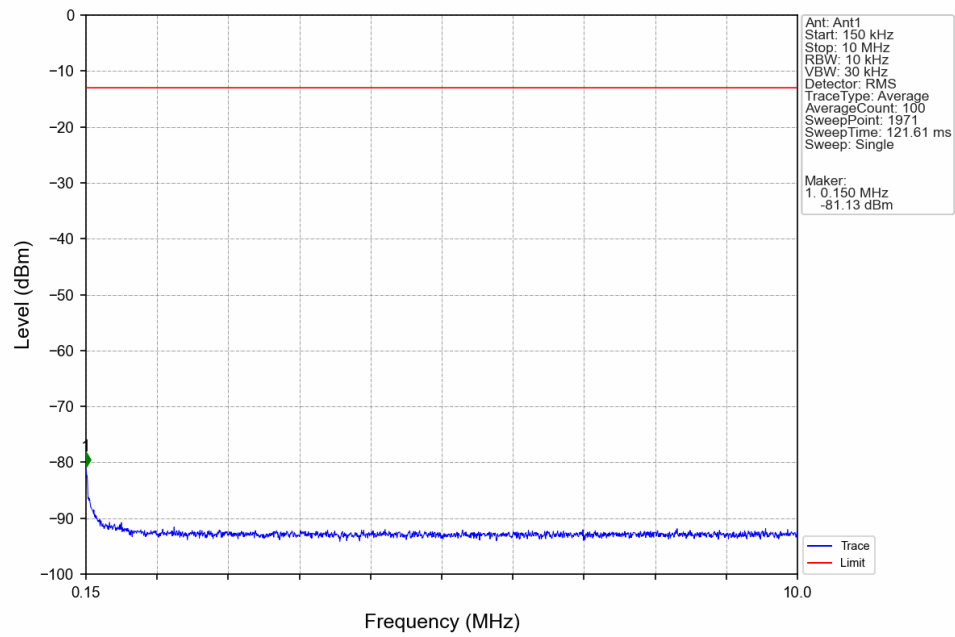
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_1\_0\_NTNV



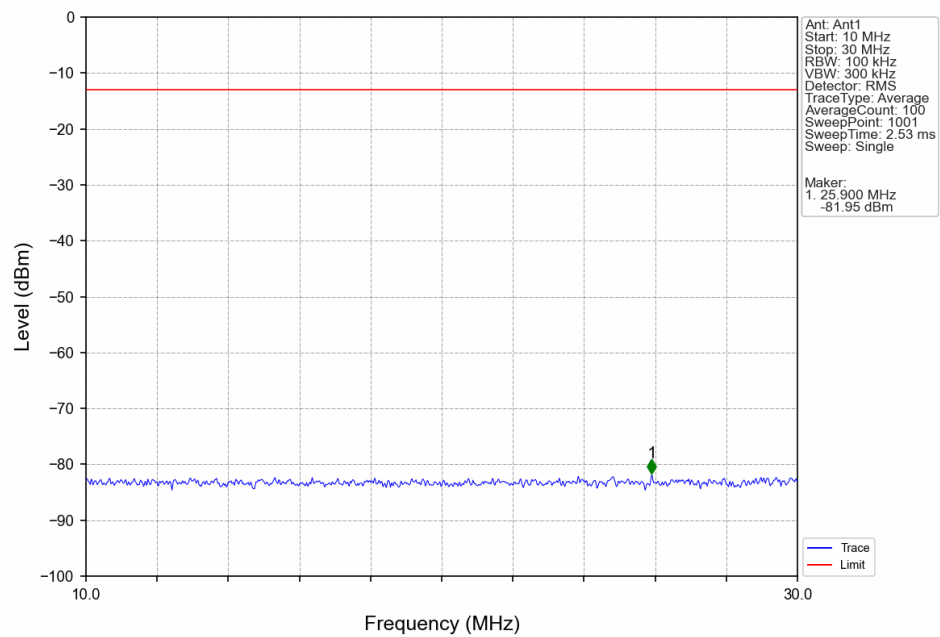
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_1\_0\_NTNV



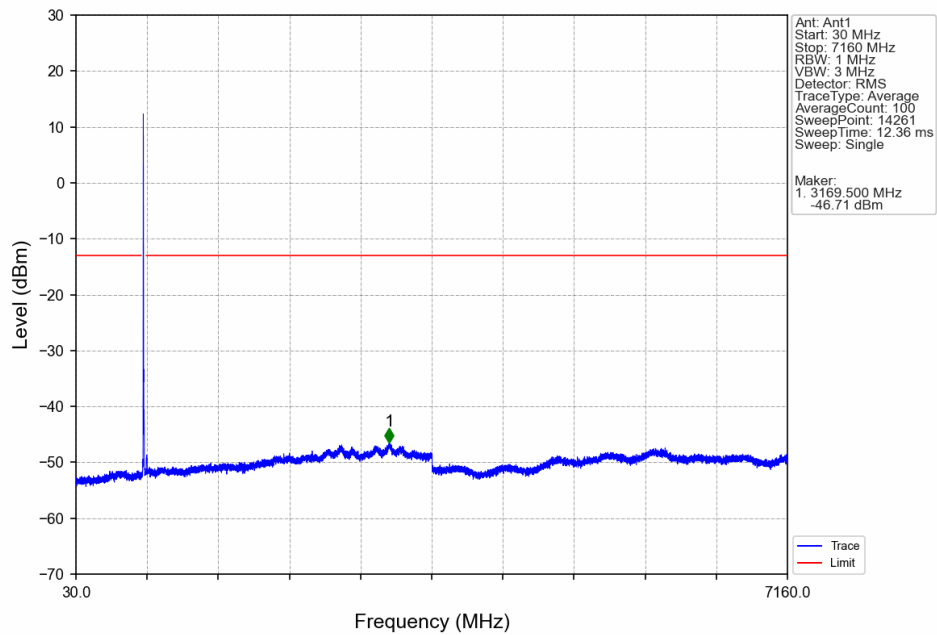
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_1\_0\_NTNV



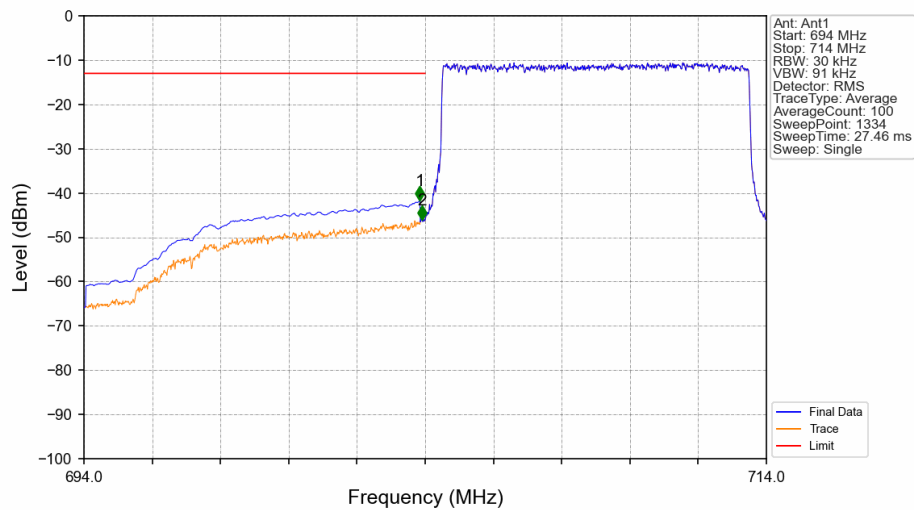
Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_1\_0\_NTNV



### Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_1\_0\_NTNV

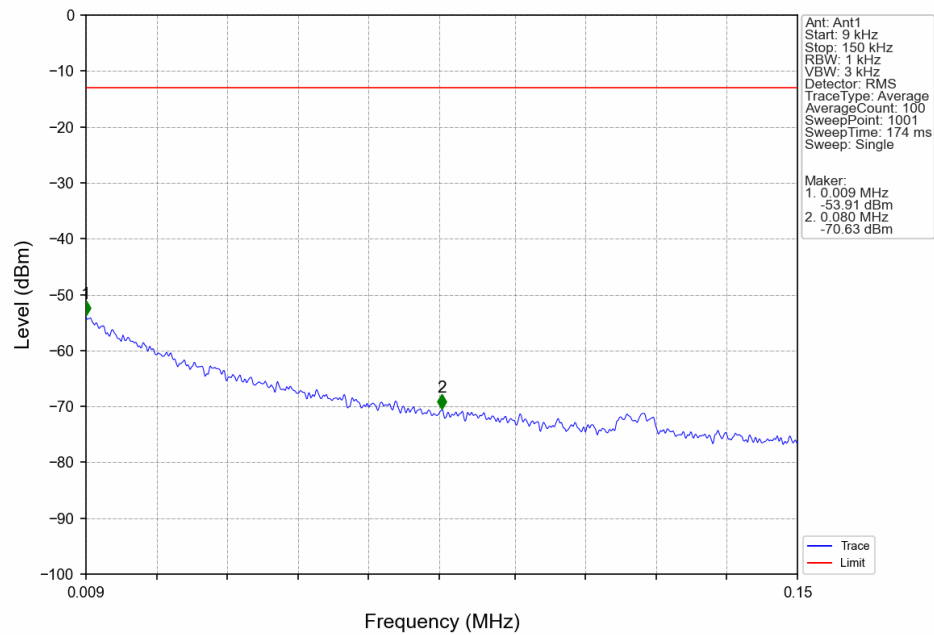


### Band17\_10MHz\_QPSK\_LCH\_709MHz\_RB\_50\_0\_NTNV

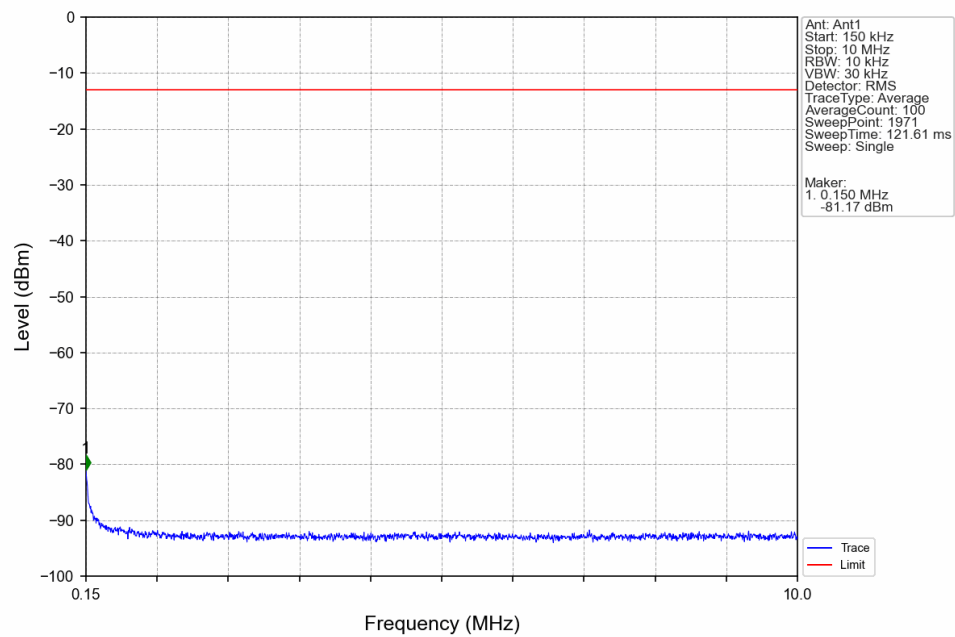


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 694         | 703.9      | 0.1       | CHP    | 1          | 703.842    | -41.71      | -13         | Pass   |
| 703.9       | 704        | 0.03      | /      | 2          | 703.902    | -45.97      | -13         | Pass   |
| 704         | 714        | 0.03      | /      | /          | /          | /           | /           | /      |

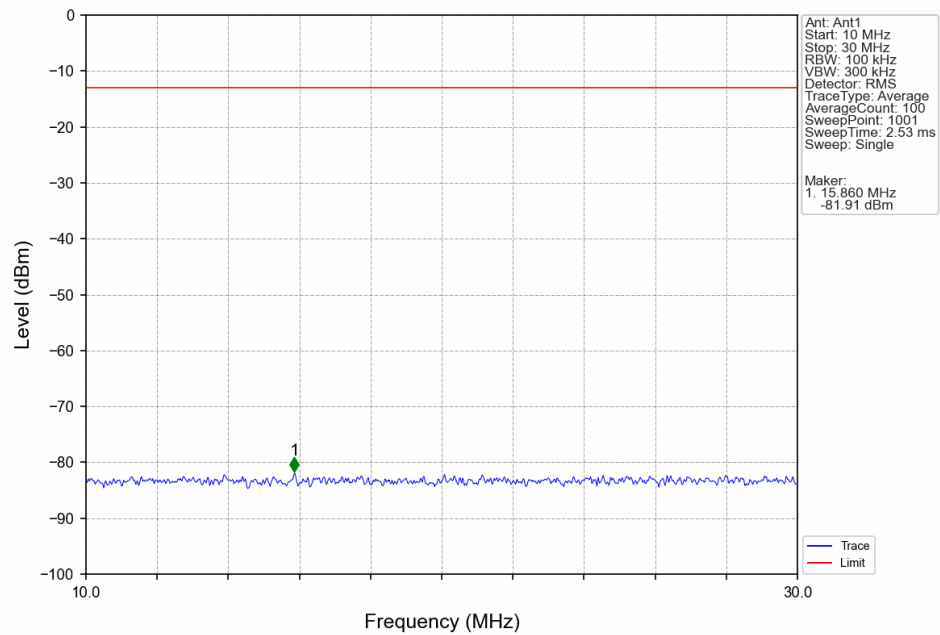
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



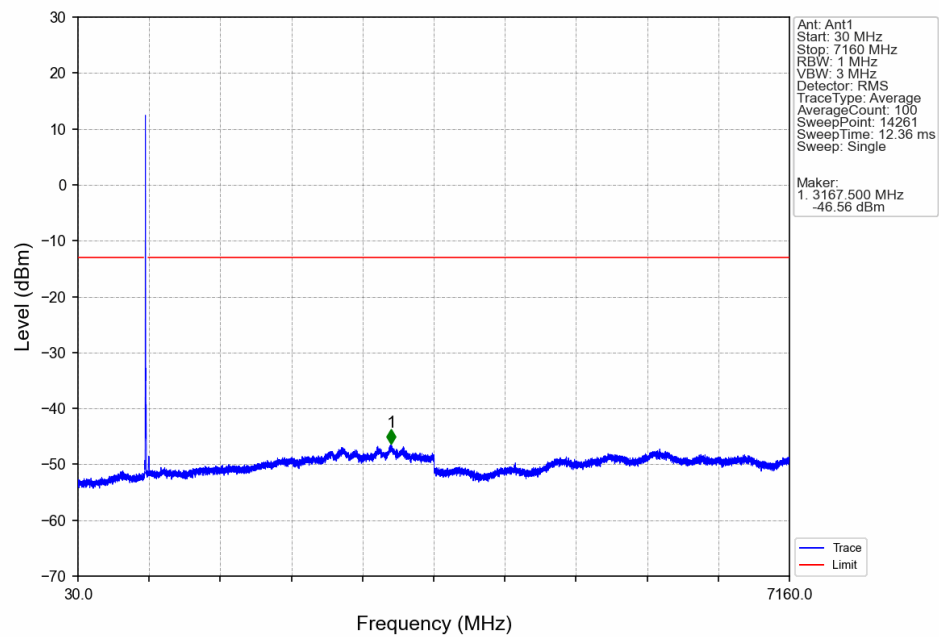
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



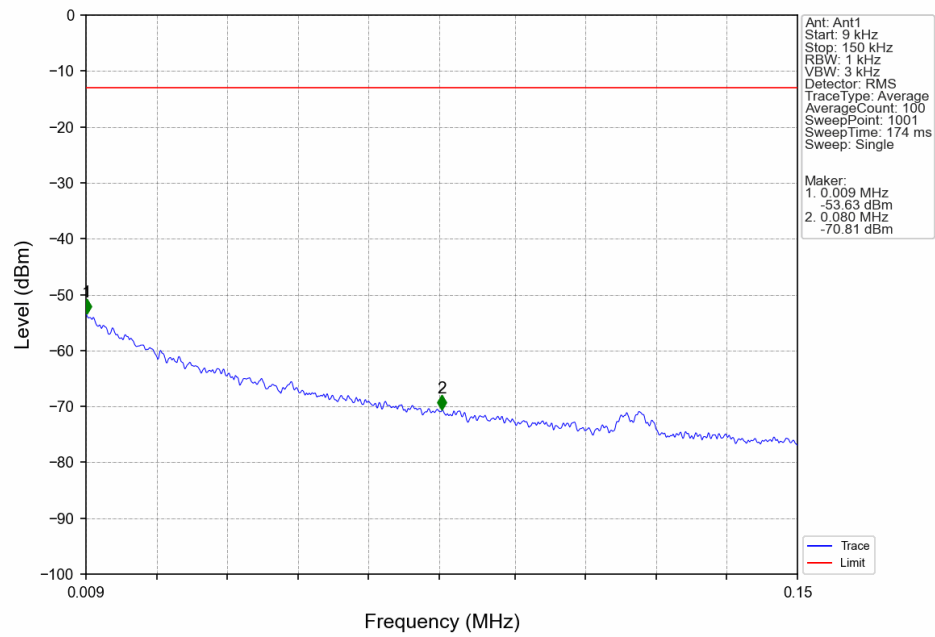
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



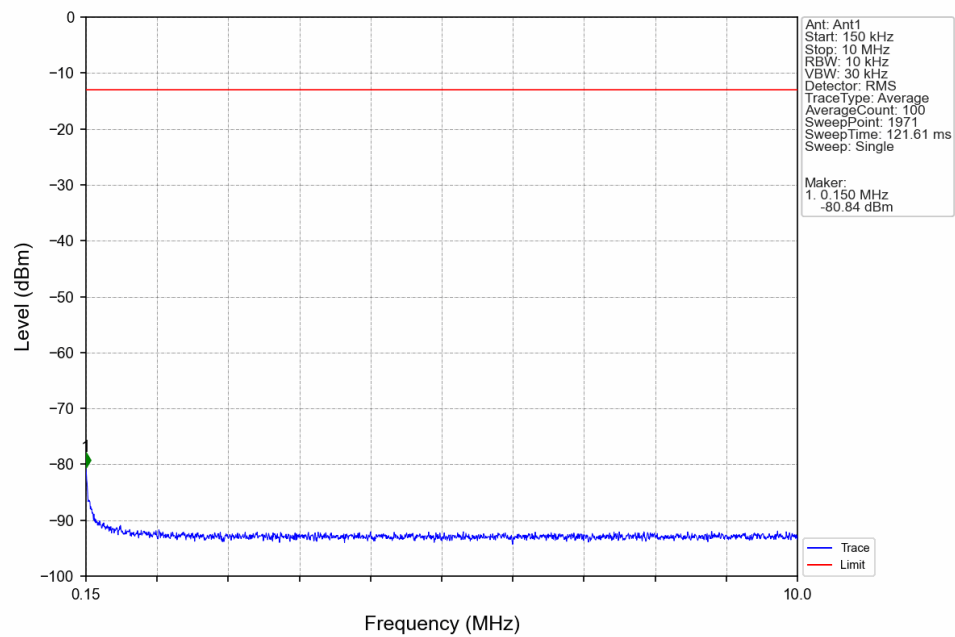
Band17\_10MHz\_QPSK\_MCH\_710MHz\_RB\_1\_0\_NTNV



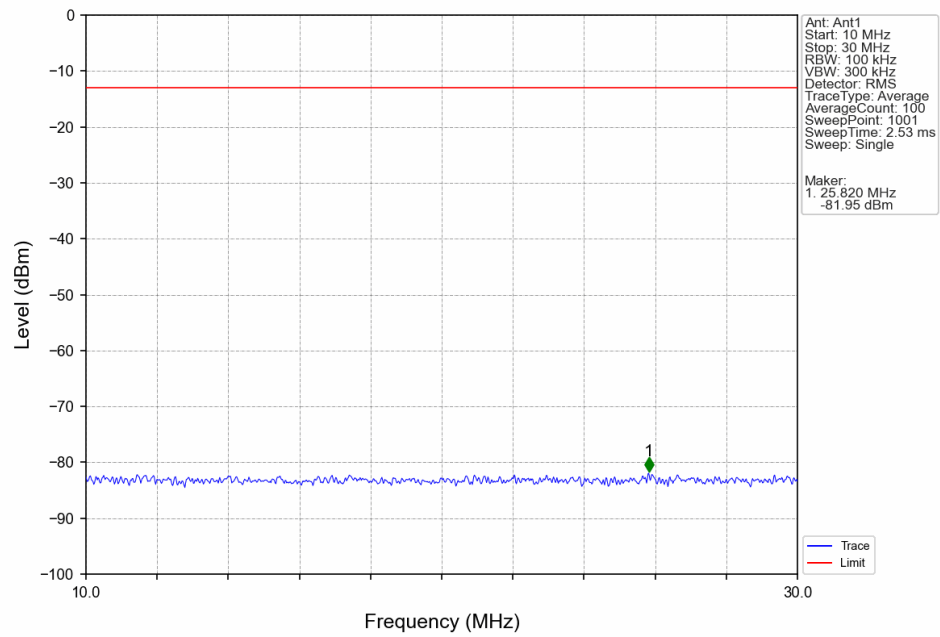
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV



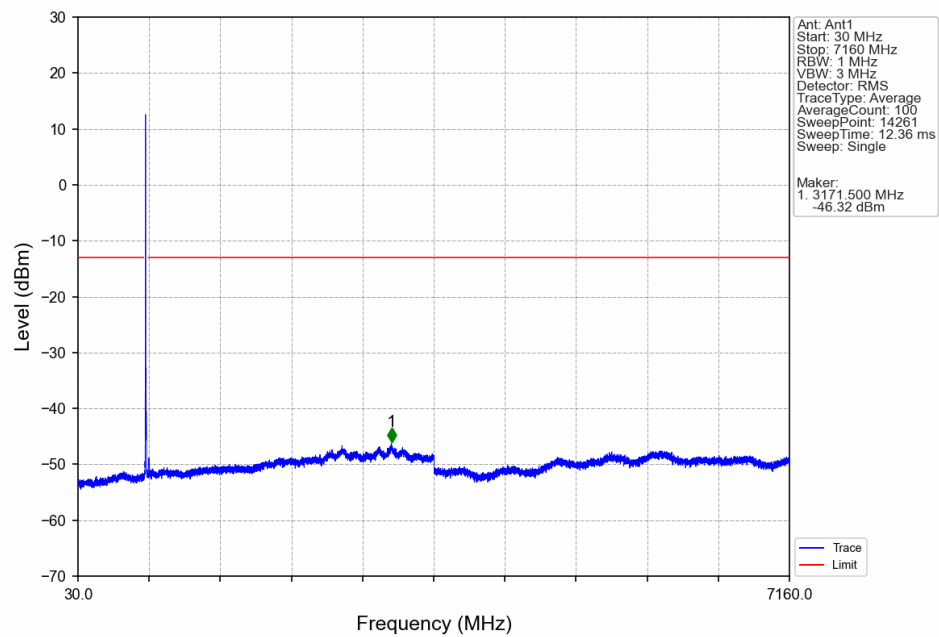
Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV



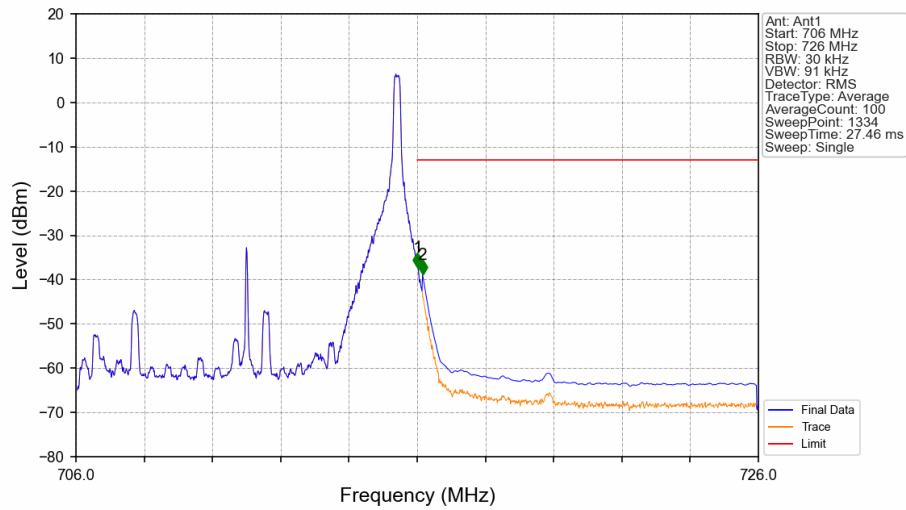
### Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV



### Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_0\_NTNV

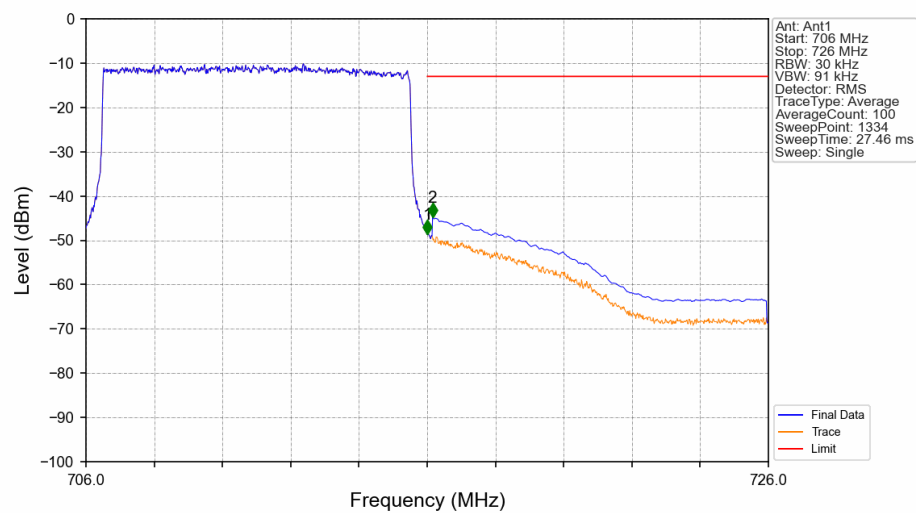


### Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_1\_49\_NTNV



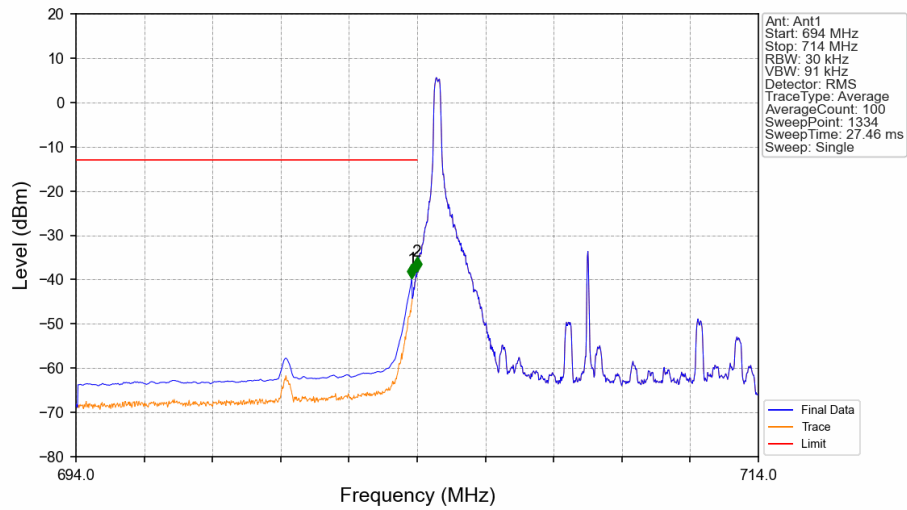
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 706         | 716        | 0.03      | /      | /          | /          | /           | /           | /      |
| 716         | 716.1      | 0.03      | /      | 1          | 716.008    | -37.17      | -13         | Pass   |
| 716.1       | 726        | 0.1       | CHP    | 2          | 716.158    | -38.83      | -13         | Pass   |

### Band17\_10MHz\_QPSK\_HCH\_711MHz\_RB\_50\_0\_NTNV

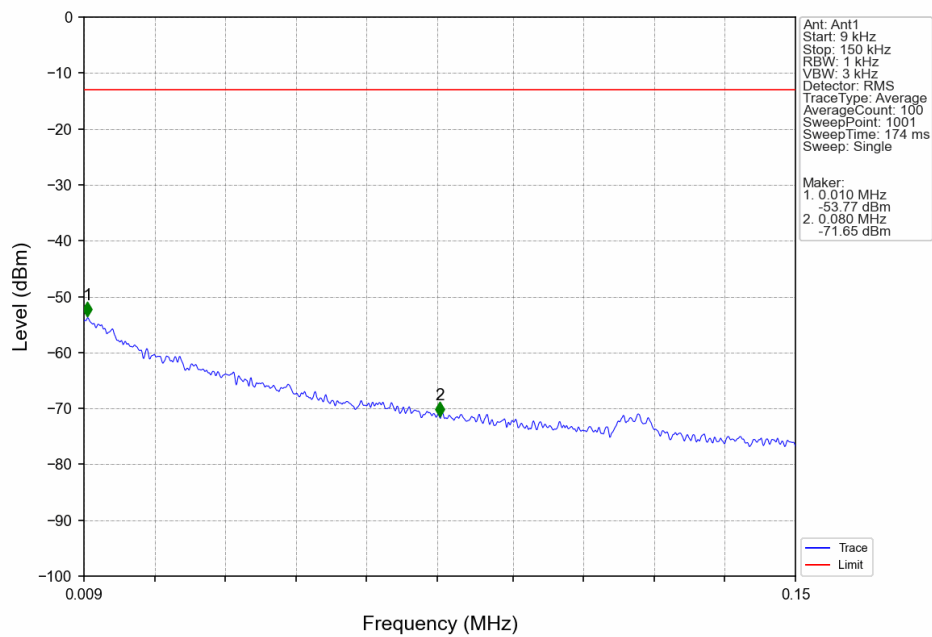


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 706         | 716        | 0.03      | /      | /          | /          | /           | /           | /      |
| 716         | 716.1      | 0.03      | /      | 1          | 716.008    | -48.56      | -13         | Pass   |
| 716.1       | 726        | 0.1       | CHP    | 2          | 716.158    | -44.81      | -13         | Pass   |

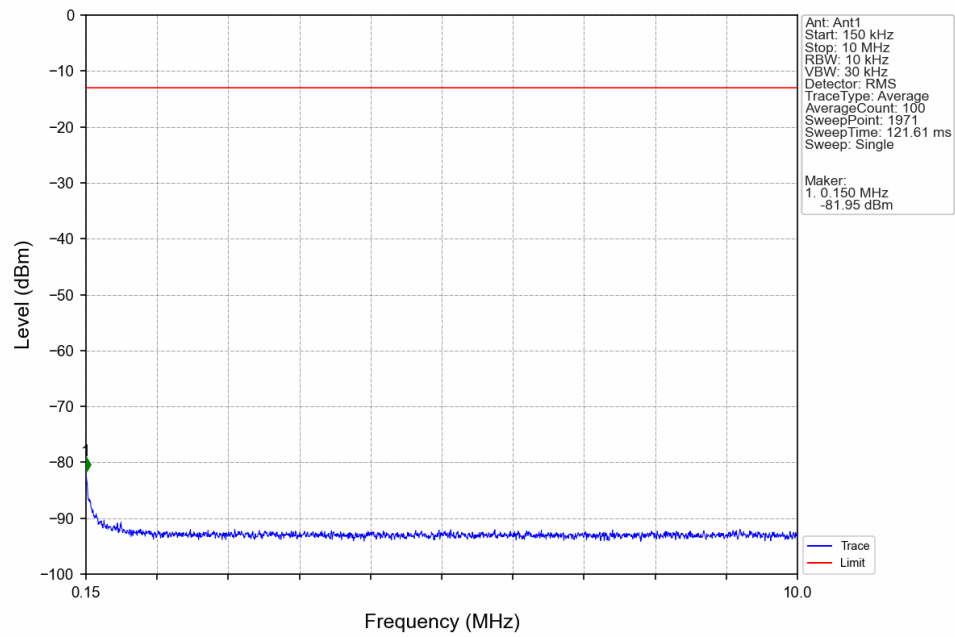
### Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV



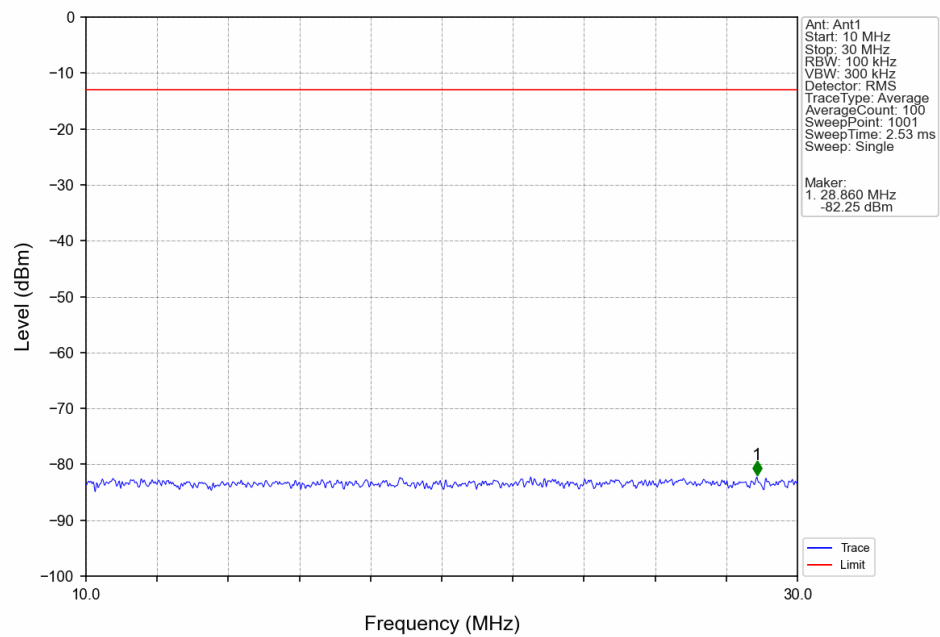
### Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV



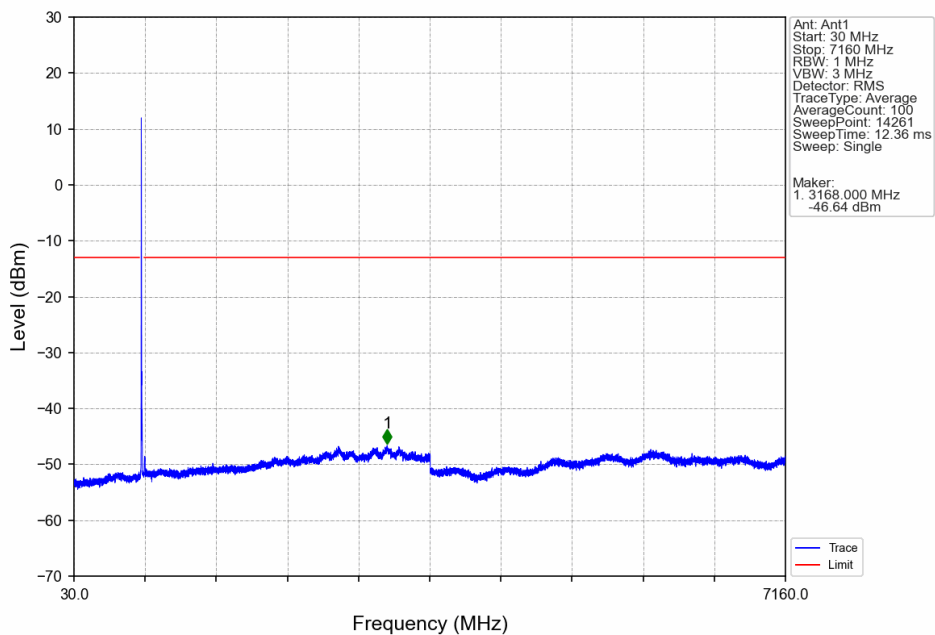
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV



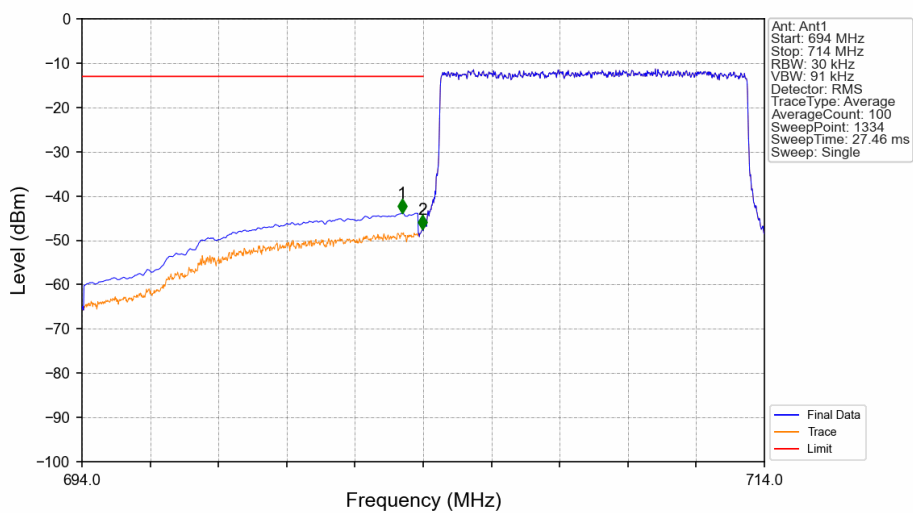
Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV



### Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_1\_0\_NTNV

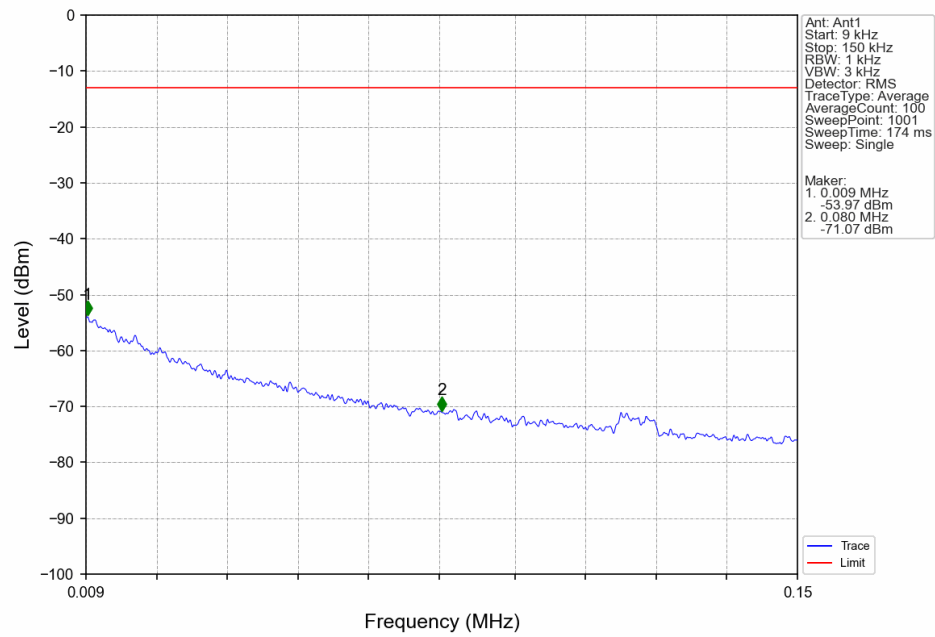


### Band17\_10MHz\_16QAM\_LCH\_709MHz\_RB\_50\_0\_NTNV

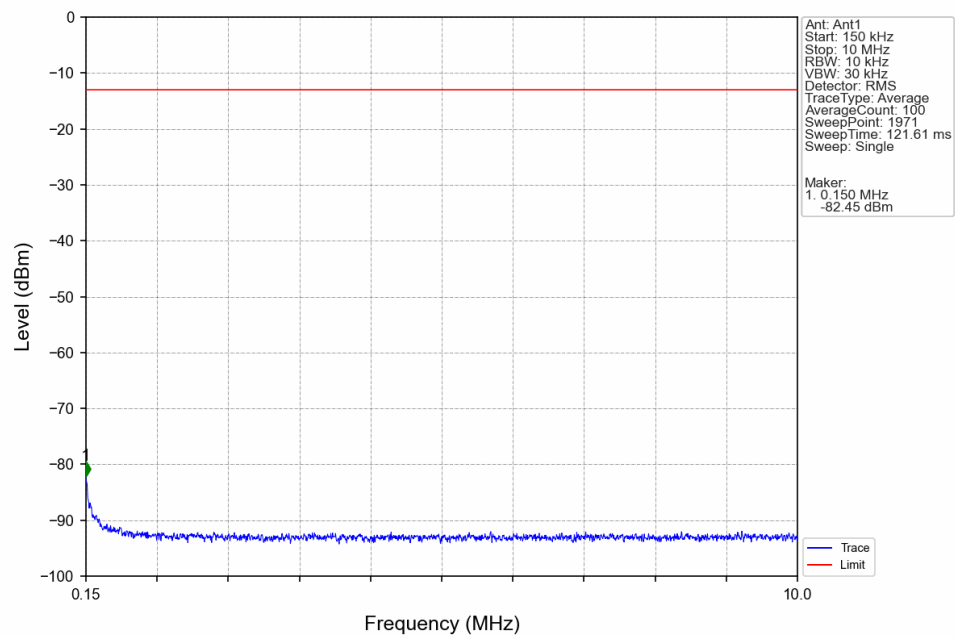


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 694         | 703.9      | 0.1       | CHP    | 1          | 703.377    | -43.87      | -13         | Pass   |
| 703.9       | 704        | 0.03      | /      | 2          | 703.977    | -47.51      | -13         | Pass   |
| 704         | 714        | 0.03      | /      | /          | /          | /           | /           | /      |

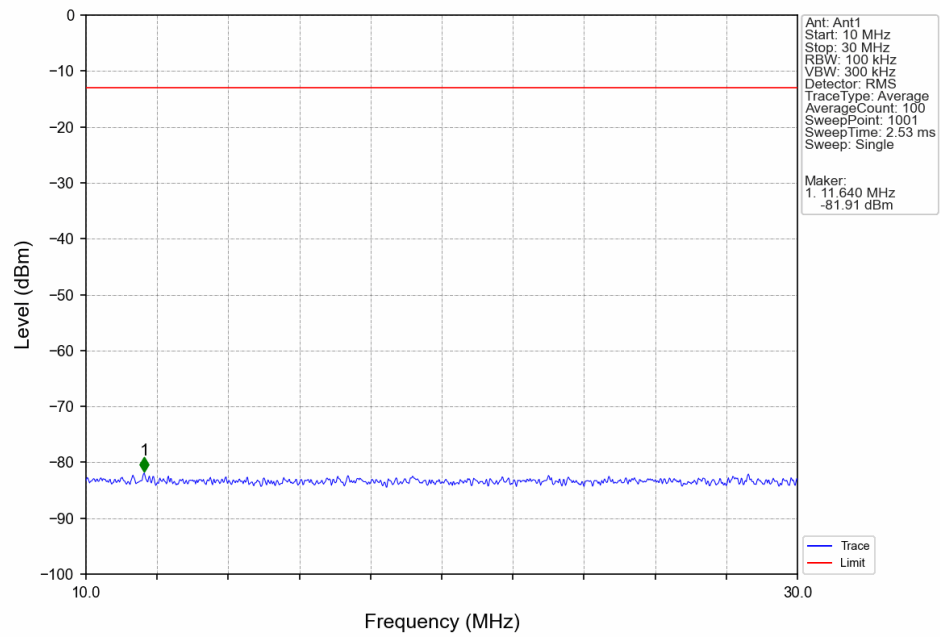
Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



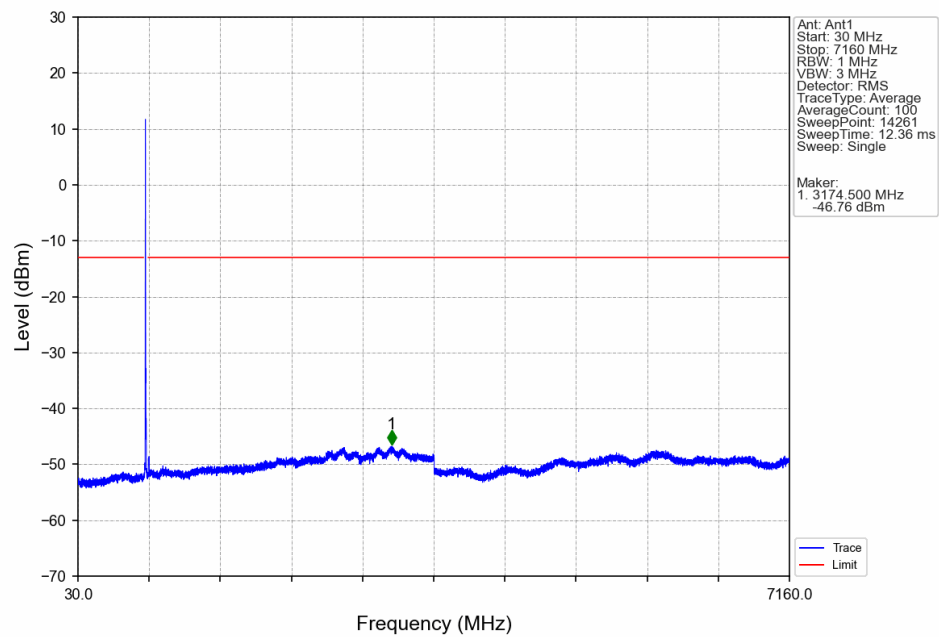
Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



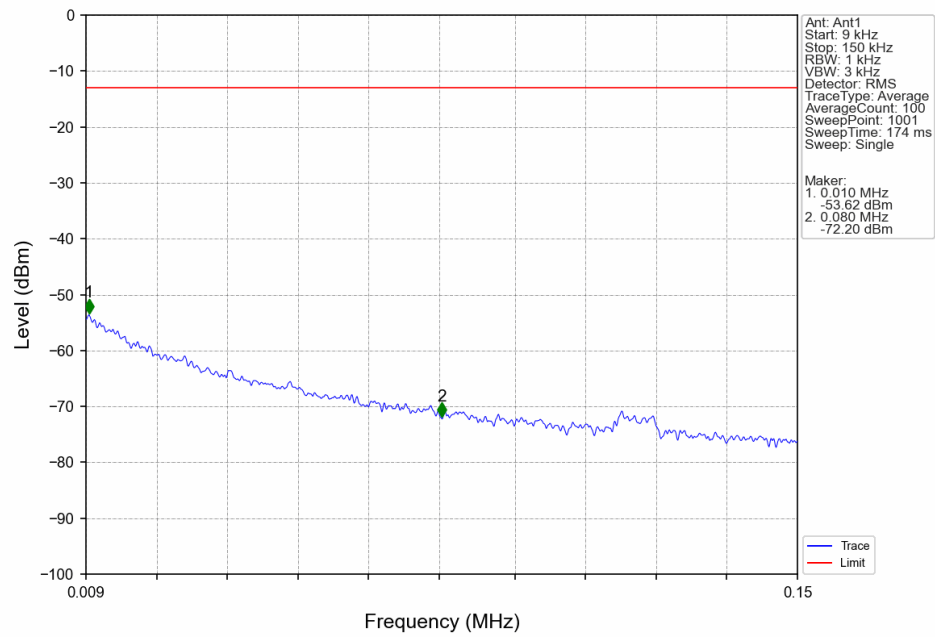
### Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



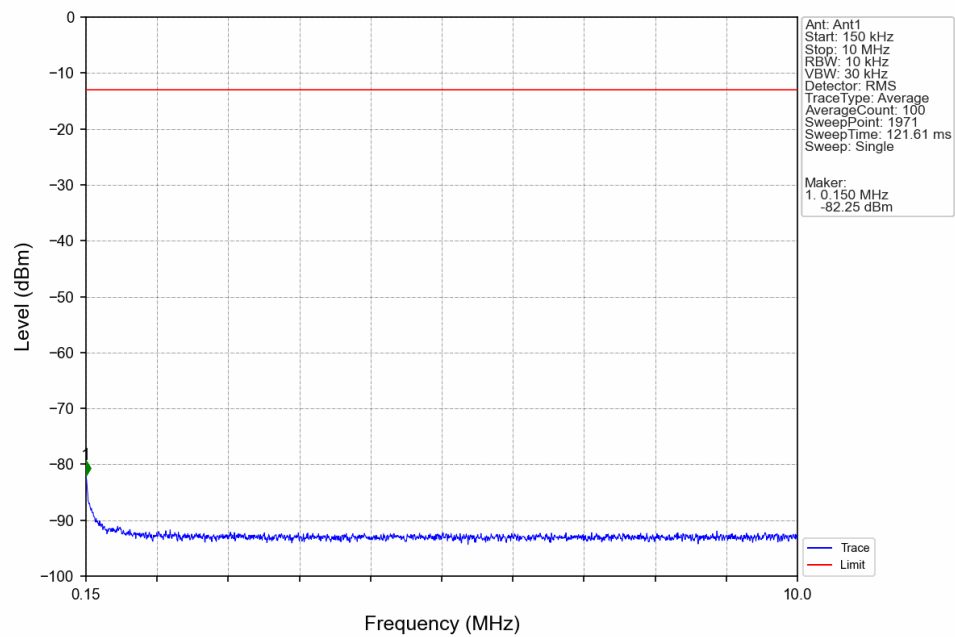
### Band17\_10MHz\_16QAM\_MCH\_710MHz\_RB\_1\_0\_NTNV



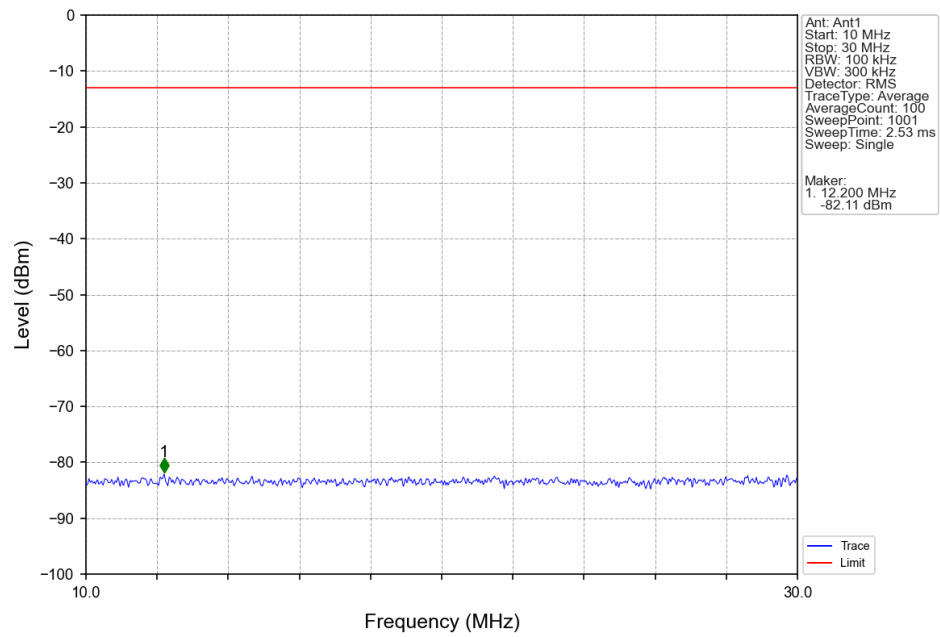
Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_0\_NTNV



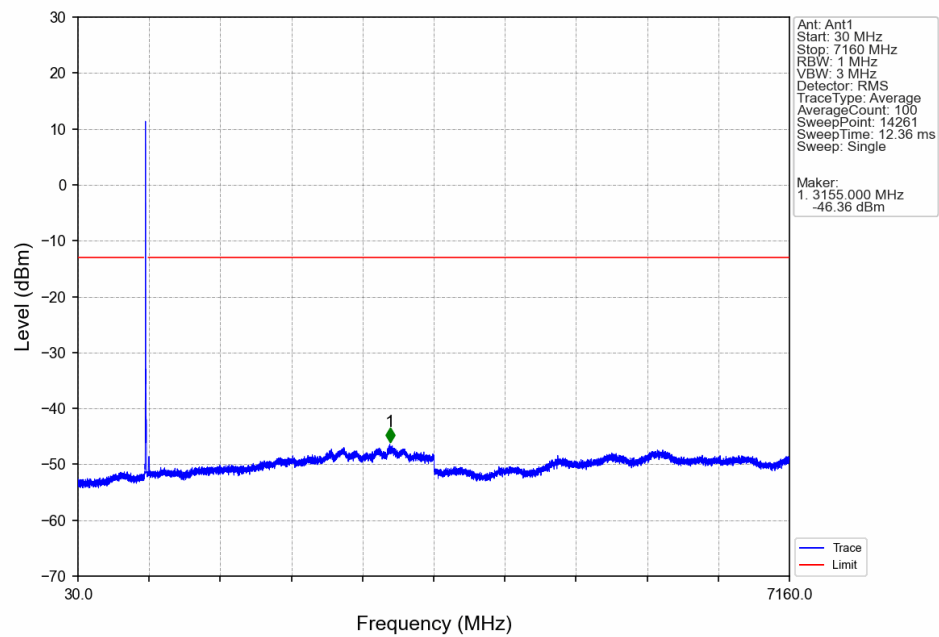
Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_0\_NTNV



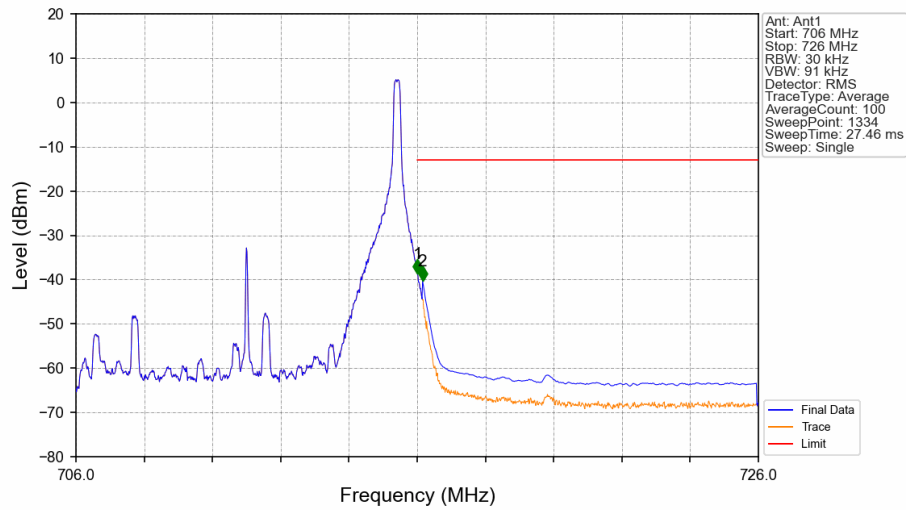
Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_0\_NTNV



Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_0\_NTNV

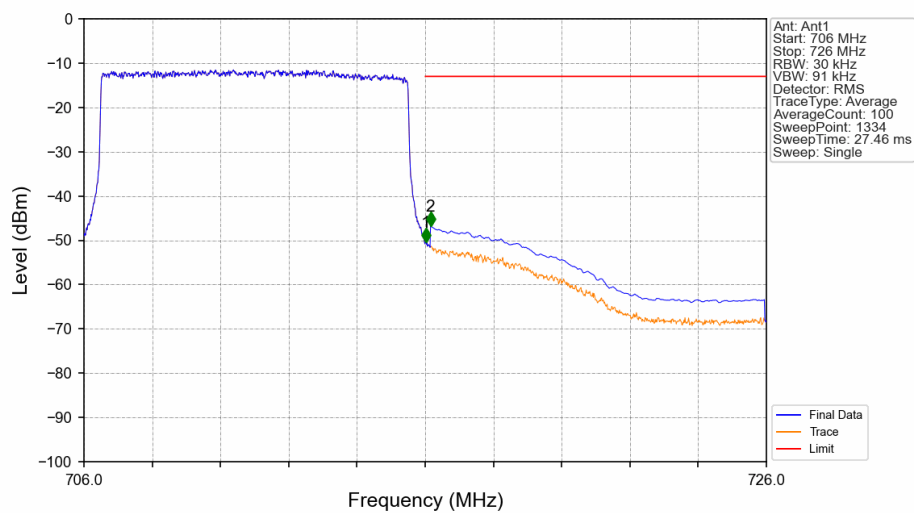


### Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_1\_49\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 706         | 716        | 0.03      | /      | /          | /          | /           | /           | /      |
| 716         | 716.1      | 0.03      | /      | 1          | 716.008    | -38.65      | -13         | Pass   |
| 716.1       | 726        | 0.1       | CHP    | 2          | 716.158    | -40.26      | -13         | Pass   |

### Band17\_10MHz\_16QAM\_HCH\_711MHz\_RB\_50\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 706         | 716        | 0.03      | /      | /          | /          | /           | /           | /      |
| 716         | 716.1      | 0.03      | /      | 1          | 716.023    | -50.32      | -13         | Pass   |
| 716.1       | 726        | 0.1       | CHP    | 2          | 716.158    | -46.74      | -13         | Pass   |

## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 17   | 5  | 706.5      | 713.5     | 0.2218        | 0.0084 | ppm    | 4M55G7D             | 27H        | 23.46           |
| 17   | 5  | 706.5      | 713.5     | 0.1811        | 0.0109 | ppm    | 4M55W7D             | 27H        | 22.58           |
| 17   | 10 | 709        | 711       | 0.2183        | 0.0056 | ppm    | 9M07G7D             | 27H        | 23.39           |
| 17   | 10 | 709        | 711       | 0.1928        | 0.0098 | ppm    | 9M04W7D             | 27H        | 22.85           |

#### 7.1.2 Form731\_ERP

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 17   | 5  | 706.5      | 713.5     | 0.0095        | 0.0084 | ppm    | 4M55G7D             | 27H        | 9.78            |
| 17   | 5  | 706.5      | 713.5     | 0.0078        | 0.0109 | ppm    | 4M55W7D             | 27H        | 8.90            |
| 17   | 10 | 709        | 711       | 0.0094        | 0.0056 | ppm    | 9M07G7D             | 27H        | 9.71            |
| 17   | 10 | 709        | 711       | 0.0083        | 0.0098 | ppm    | 9M04W7D             | 27H        | 9.17            |