

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

### 1.1 B71\_5MHz\_ERP

#### 1.1.1 Test Result

| Band: 71 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 665.5           | 1             | 0      | 25.03                 | 0.07       | 22.95     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 25.26                 | 0.07       | 23.18     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 25.14                 | 0.07       | 23.06     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 24.31                 | 0.07       | 22.23     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 24.29                 | 0.07       | 22.21     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 24.13                 | 0.07       | 22.05     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 24.23                 | 0.07       | 22.15     | <=34.77 | Pass    |
|                                   | 680.5           | 1             | 0      | 25.46                 | 0.07       | 23.38     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 25.62                 | 0.07       | 23.54     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 25.52                 | 0.07       | 23.44     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 24.62                 | 0.07       | 22.54     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 24.57                 | 0.07       | 22.49     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 24.44                 | 0.07       | 22.36     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 24.55                 | 0.07       | 22.47     | <=34.77 | Pass    |
|                                   | 695.5           | 1             | 0      | 25.73                 | 0.07       | 23.65     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 25.90                 | 0.07       | 23.82     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 25.77                 | 0.07       | 23.69     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 24.84                 | 0.07       | 22.76     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 24.93                 | 0.07       | 22.85     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 24.75                 | 0.07       | 22.67     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 24.78                 | 0.07       | 22.70     | <=34.77 | Pass    |
| 16QAM                             | 665.5           | 1             | 0      | 24.29                 | 0.07       | 22.21     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 24.56                 | 0.07       | 22.48     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 24.44                 | 0.07       | 22.36     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 23.31                 | 0.07       | 21.23     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 23.37                 | 0.07       | 21.29     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.14                 | 0.07       | 21.06     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 23.23                 | 0.07       | 21.15     | <=34.77 | Pass    |
|                                   | 680.5           | 1             | 0      | 24.54                 | 0.07       | 22.46     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 24.68                 | 0.07       | 22.60     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 24.62                 | 0.07       | 22.54     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 23.65                 | 0.07       | 21.57     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 23.61                 | 0.07       | 21.53     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.44                 | 0.07       | 21.36     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 23.60                 | 0.07       | 21.52     | <=34.77 | Pass    |
|                                   | 695.5           | 1             | 0      | 24.60                 | 0.07       | 22.52     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 24.81                 | 0.07       | 22.73     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 24.66                 | 0.07       | 22.58     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 23.85                 | 0.07       | 21.77     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 23.94                 | 0.07       | 21.86     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.70                 | 0.07       | 21.62     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 23.86                 | 0.07       | 21.78     | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.2 B71\_10MHz\_ERP

### 1.2.1 Test Result

| Band: 71 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 668             | 1             | 0      | 25.13                 | 0.07       | 23.05     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 25.44                 | 0.07       | 23.36     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 25.28                 | 0.07       | 23.20     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 24.62                 | 0.07       | 22.54     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 24.38                 | 0.07       | 22.30     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.55                 | 0.07       | 22.47     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 24.63                 | 0.07       | 22.55     | <=34.77 | Pass    |
|                                    | 680.5           | 1             | 0      | 25.46                 | 0.07       | 23.38     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 25.74                 | 0.07       | 23.66     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 25.61                 | 0.07       | 23.53     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 24.89                 | 0.07       | 22.81     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 24.64                 | 0.07       | 22.56     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.58                 | 0.07       | 22.50     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 24.76                 | 0.07       | 22.68     | <=34.77 | Pass    |
|                                    | 693             | 1             | 0      | 25.61                 | 0.07       | 23.53     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 26.07                 | 0.07       | 23.99     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 25.86                 | 0.07       | 23.78     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 24.66                 | 0.07       | 22.58     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 24.92                 | 0.07       | 22.84     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.78                 | 0.07       | 22.70     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 24.73                 | 0.07       | 22.65     | <=34.77 | Pass    |
| 16QAM                              | 668             | 1             | 0      | 24.63                 | 0.07       | 22.55     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 25.01                 | 0.07       | 22.93     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 24.81                 | 0.07       | 22.73     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 23.70                 | 0.07       | 21.62     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 23.45                 | 0.07       | 21.37     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.65                 | 0.07       | 21.57     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 23.67                 | 0.07       | 21.59     | <=34.77 | Pass    |
|                                    | 680.5           | 1             | 0      | 24.62                 | 0.07       | 22.54     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.92                 | 0.07       | 22.84     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 24.76                 | 0.07       | 22.68     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 23.95                 | 0.07       | 21.87     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 23.68                 | 0.07       | 21.60     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.64                 | 0.07       | 21.56     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 23.80                 | 0.07       | 21.72     | <=34.77 | Pass    |
|                                    | 693             | 1             | 0      | 24.61                 | 0.07       | 22.53     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 25.02                 | 0.07       | 22.94     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 24.88                 | 0.07       | 22.80     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 23.76                 | 0.07       | 21.68     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 23.98                 | 0.07       | 21.90     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.84                 | 0.07       | 21.76     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 23.80                 | 0.07       | 21.72     | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.3 B71\_15MHz\_ERP

### 1.3.1 Test Result

| Band: 71 / Bandwidth: 15MHz / NTVN           |                 |               |        |                       |            |           |         |         |
|----------------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                                   | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                              |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                         | 670.5           | 1             | 0      | 25.01                 | 0.07       | 22.93     | <=34.77 | Pass    |
|                                              |                 |               | 38     | 25.25                 | 0.07       | 23.17     | <=34.77 | Pass    |
|                                              |                 |               | 74     | 25.36                 | 0.07       | 23.28     | <=34.77 | Pass    |
|                                              |                 | 36            | 0      | 24.40                 | 0.07       | 22.32     | <=34.77 | Pass    |
|                                              |                 |               | 18     | 24.33                 | 0.07       | 22.25     | <=34.77 | Pass    |
|                                              |                 |               | 39     | 24.65                 | 0.07       | 22.57     | <=34.77 | Pass    |
|                                              |                 | 75            | 0      | 24.51                 | 0.07       | 22.43     | <=34.77 | Pass    |
|                                              | 680.5           | 1             | 0      | 25.26                 | 0.07       | 23.18     | <=34.77 | Pass    |
|                                              |                 |               | 38     | 25.60                 | 0.07       | 23.52     | <=34.77 | Pass    |
|                                              |                 |               | 74     | 25.48                 | 0.07       | 23.40     | <=34.77 | Pass    |
|                                              |                 | 36            | 0      | 24.66                 | 0.07       | 22.58     | <=34.77 | Pass    |
|                                              |                 |               | 18     | 24.61                 | 0.07       | 22.53     | <=34.77 | Pass    |
|                                              |                 |               | 39     | 24.64                 | 0.07       | 22.56     | <=34.77 | Pass    |
|                                              |                 | 75            | 0      | 24.65                 | 0.07       | 22.57     | <=34.77 | Pass    |
|                                              | 690.5           | 1             | 0      | 25.41                 | 0.07       | 23.33     | <=34.77 | Pass    |
|                                              |                 |               | 38     | 25.79                 | 0.07       | 23.71     | <=34.77 | Pass    |
|                                              |                 |               | 74     | 25.72                 | 0.07       | 23.64     | <=34.77 | Pass    |
|                                              |                 | 36            | 0      | 24.55                 | 0.07       | 22.47     | <=34.77 | Pass    |
|                                              |                 |               | 18     | 24.82                 | 0.07       | 22.74     | <=34.77 | Pass    |
|                                              |                 |               | 39     | 24.86                 | 0.07       | 22.78     | <=34.77 | Pass    |
|                                              |                 | 75            | 0      | 24.73                 | 0.07       | 22.65     | <=34.77 | Pass    |
| 16QAM                                        | 670.5           | 1             | 0      | 24.54                 | 0.07       | 22.46     | <=34.77 | Pass    |
|                                              |                 |               | 38     | 24.85                 | 0.07       | 22.77     | <=34.77 | Pass    |
|                                              |                 |               | 74     | 24.92                 | 0.07       | 22.84     | <=34.77 | Pass    |
|                                              |                 | 36            | 0      | 23.46                 | 0.07       | 21.38     | <=34.77 | Pass    |
|                                              |                 |               | 18     | 23.36                 | 0.07       | 21.28     | <=34.77 | Pass    |
|                                              |                 |               | 39     | 23.64                 | 0.07       | 21.56     | <=34.77 | Pass    |
|                                              |                 | 75            | 0      | 23.53                 | 0.07       | 21.45     | <=34.77 | Pass    |
|                                              | 680.5           | 1             | 0      | 24.42                 | 0.07       | 22.34     | <=34.77 | Pass    |
|                                              |                 |               | 38     | 24.77                 | 0.07       | 22.69     | <=34.77 | Pass    |
|                                              |                 |               | 74     | 24.62                 | 0.07       | 22.54     | <=34.77 | Pass    |
|                                              |                 | 36            | 0      | 23.66                 | 0.07       | 21.58     | <=34.77 | Pass    |
|                                              |                 |               | 18     | 23.65                 | 0.07       | 21.57     | <=34.77 | Pass    |
|                                              |                 |               | 39     | 23.71                 | 0.07       | 21.63     | <=34.77 | Pass    |
|                                              |                 | 75            | 0      | 23.66                 | 0.07       | 21.58     | <=34.77 | Pass    |
|                                              | 690.5           | 1             | 0      | 24.76                 | 0.07       | 22.68     | <=34.77 | Pass    |
|                                              |                 |               | 38     | 25.19                 | 0.07       | 23.11     | <=34.77 | Pass    |
|                                              |                 |               | 74     | 25.09                 | 0.07       | 23.01     | <=34.77 | Pass    |
|                                              |                 | 36            | 0      | 23.52                 | 0.07       | 21.44     | <=34.77 | Pass    |
|                                              |                 |               | 18     | 23.78                 | 0.07       | 21.70     | <=34.77 | Pass    |
|                                              |                 |               | 39     | 23.89                 | 0.07       | 21.81     | <=34.77 | Pass    |
|                                              |                 | 75            | 0      | 23.70                 | 0.07       | 21.62     | <=34.77 | Pass    |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |                 |               |        |                       |            |           |         |         |

## 1.4 B71\_20MHz\_ERP

### 1.4.1 Test Result

| Band: 71 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 673             | 1             | 0      | 24.89                 | 0.07       | 22.81     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 25.55                 | 0.07       | 23.47     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 25.35                 | 0.07       | 23.27     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 24.29                 | 0.07       | 22.21     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.40                 | 0.07       | 22.32     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 24.25                 | 0.07       | 22.17     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 24.30                 | 0.07       | 22.22     | <=34.77 | Pass    |
|                                    | 683             | 1             | 0      | 25.15                 | 0.07       | 23.07     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 25.78                 | 0.07       | 23.70     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 25.60                 | 0.07       | 23.52     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 24.99                 | 0.07       | 22.91     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.68                 | 0.07       | 22.60     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 25.03                 | 0.07       | 22.95     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 25.00                 | 0.07       | 22.92     | <=34.77 | Pass    |
|                                    | 688             | 1             | 0      | 25.24                 | 0.07       | 23.16     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 25.77                 | 0.07       | 23.69     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 25.61                 | 0.07       | 23.53     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 24.73                 | 0.07       | 22.65     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 24.78                 | 0.07       | 22.70     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 24.99                 | 0.07       | 22.91     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 24.83                 | 0.07       | 22.75     | <=34.77 | Pass    |
| 16QAM                              | 673             | 1             | 0      | 24.17                 | 0.07       | 22.09     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 24.74                 | 0.07       | 22.66     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 24.62                 | 0.07       | 22.54     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 23.34                 | 0.07       | 21.26     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.41                 | 0.07       | 21.33     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 23.27                 | 0.07       | 21.19     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 23.34                 | 0.07       | 21.26     | <=34.77 | Pass    |
|                                    | 683             | 1             | 0      | 24.34                 | 0.07       | 22.26     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 24.97                 | 0.07       | 22.89     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 24.79                 | 0.07       | 22.71     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 23.99                 | 0.07       | 21.91     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.70                 | 0.07       | 21.62     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 24.13                 | 0.07       | 22.05     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 24.01                 | 0.07       | 21.93     | <=34.77 | Pass    |
|                                    | 688             | 1             | 0      | 24.80                 | 0.07       | 22.72     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 25.34                 | 0.07       | 23.26     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 25.24                 | 0.07       | 23.16     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 23.80                 | 0.07       | 21.72     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.74                 | 0.07       | 21.66     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 24.00                 | 0.07       | 21.92     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 23.87                 | 0.07       | 21.79     | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 B71\_5MHz

#### 2.1.1 Test Result

| Band: 71 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 665.5           | 25            | 0      | 20         | 3.27          | -6.952           | -0.0104               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -4.435           | -0.0067               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -10.672          | -0.0160               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -7.782           | -0.0117               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -7.710           | -0.0116               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -5.608           | -0.0084               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -4.592           | -0.0069               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -7.696           | -0.0116               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -5.751           | -0.0086               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -7.410           | -0.0111               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -6.080           | -0.0091               | -2.5 to 2.5 | Pass    |
|                            | 680.5           | 25            | 0      | 20         | 3.27          | -7.024           | -0.0103               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -8.068           | -0.0119               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -9.727           | -0.0143               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -6.409           | -0.0094               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -4.649           | -0.0068               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -8.726           | -0.0128               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -3.848           | -0.0057               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -6.595           | -0.0097               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -8.154           | -0.0120               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -4.549           | -0.0067               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -4.091           | -0.0060               | -2.5 to 2.5 | Pass    |
|                            | 695.5           | 25            | 0      | 20         | 3.27          | -7.167           | -0.0103               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -8.926           | -0.0128               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -7.195           | -0.0103               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -7.610           | -0.0109               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -5.522           | -0.0079               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -5.007           | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -9.370           | -0.0135               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -5.407           | -0.0078               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -8.068           | -0.0116               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -7.024           | -0.0101               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 665.5           | 25            | 0      | 20         | 3.27          | -8.712           | -0.0131               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -11.816          | -0.0178               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -8.240           | -0.0124               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -4.978           | -0.0075               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -3.433           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -7.224           | -0.0109               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -7.553           | -0.0113               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -11.287          | -0.0170               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -5.064           | -0.0076               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -8.211           | -0.0123               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -11.029          | -0.0166               | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |         |         |             |      |
|--|-------|----|---|-----|------|---------|---------|-------------|------|
|  | 680.5 | 25 | 0 | 20  | 3.27 | -3.948  | -0.0058 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -8.826  | -0.0130 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | -6.466  | -0.0095 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -4.549  | -0.0067 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -4.478  | -0.0066 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -11.573 | -0.0170 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -7.639  | -0.0112 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -8.597  | -0.0126 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -7.868  | -0.0116 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -3.748  | -0.0055 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -4.663  | -0.0069 | -2.5 to 2.5 | Pass |
|  | 695.5 | 25 | 0 | 20  | 3.27 | -5.579  | -0.0080 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -6.037  | -0.0087 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | -5.822  | -0.0084 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -5.050  | -0.0073 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -6.022  | -0.0087 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -6.223  | -0.0089 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -7.396  | -0.0106 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -13.461 | -0.0194 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -4.764  | -0.0068 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -7.753  | -0.0111 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -3.705  | -0.0053 | -2.5 to 2.5 | Pass |

## 2.2 B71\_10MHz

### 2.2.1 Test Result

| Band: 71 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 668             | 50            | 0      | 20         | 3.27          | -8.140           | -0.0122               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -5.322           | -0.0080               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -5.980           | -0.0090               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -4.892           | -0.0073               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -6.652           | -0.0100               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -8.154           | -0.0122               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -5.193           | -0.0078               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -7.524           | -0.0113               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -3.490           | -0.0052               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -4.177           | -0.0063               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -3.891           | -0.0058               | -2.5 to 2.5 | Pass    |
|                             | 680.5           | 50            | 0      | 20         | 3.27          | -7.424           | -0.0109               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -8.612           | -0.0127               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -7.381           | -0.0108               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -8.168           | -0.0120               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -6.452           | -0.0095               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.251           | -0.0092               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -6.337           | -0.0093               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -7.668           | -0.0113               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -6.866           | -0.0101               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -6.065           | -0.0089               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -8.812           | -0.0129               | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       | 693   | 50 | 0 | 20  | 3.27 | -6.924  | -0.0100 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -4.306  | -0.0062 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -8.125  | -0.0117 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -7.424  | -0.0107 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -4.849  | -0.0070 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -4.492  | -0.0065 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -8.926  | -0.0129 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -9.642  | -0.0139 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -8.154  | -0.0118 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -4.749  | -0.0069 | -2.5 to 2.5 | Pass |
| 16QAM | 668   | 50 | 0 | 20  | 3.27 | -7.925  | -0.0119 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -10.600 | -0.0159 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -5.322  | -0.0080 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -6.309  | -0.0094 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -2.460  | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -3.676  | -0.0055 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -6.037  | -0.0090 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -5.336  | -0.0080 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -6.995  | -0.0105 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -3.963  | -0.0059 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -6.595  | -0.0099 | -2.5 to 2.5 | Pass |
|       | 680.5 | 50 | 0 | 20  | 3.27 | -3.605  | -0.0053 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -3.591  | -0.0053 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -3.147  | -0.0046 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -8.669  | -0.0127 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -7.052  | -0.0104 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -4.964  | -0.0073 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -7.710  | -0.0113 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -7.553  | -0.0111 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -3.920  | -0.0058 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -4.735  | -0.0070 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -6.366  | -0.0094 | -2.5 to 2.5 | Pass |
|       | 693   | 50 | 0 | 20  | 3.27 | -8.655  | -0.0125 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -7.339  | -0.0106 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -7.424  | -0.0107 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -7.210  | -0.0104 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -6.094  | -0.0088 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -6.437  | -0.0093 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -5.751  | -0.0083 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -6.309  | -0.0091 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -8.125  | -0.0117 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -7.439  | -0.0107 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -8.984  | -0.0130 | -2.5 to 2.5 | Pass |

## 2.3 B71\_15MHz

### 2.3.1 Test Result

| Band: 71 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 670.5           | 75            | 0      | 20         | 3.27          | -7.324           | -0.0109               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -5.836           | -0.0087               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -8.054           | -0.0120               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -7.596           | -0.0113               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -9.885           | -0.0147               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.123           | -0.0091               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -4.621           | -0.0069               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -5.465           | -0.0082               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -6.180           | -0.0092               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -10.028          | -0.0150               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -5.493           | -0.0082               | -2.5 to 2.5 | Pass    |
|                             | 680.5           | 75            | 0      | 20         | 3.27          | -5.093           | -0.0075               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -7.381           | -0.0108               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -6.580           | -0.0097               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -7.381           | -0.0108               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -5.522           | -0.0081               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -5.193           | -0.0076               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -8.168           | -0.0120               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -5.279           | -0.0078               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -4.735           | -0.0070               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -4.649           | -0.0068               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -5.393           | -0.0079               | -2.5 to 2.5 | Pass    |
|                             | 690.5           | 75            | 0      | 20         | 3.27          | -6.652           | -0.0096               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -8.183           | -0.0119               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -5.922           | -0.0086               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -6.924           | -0.0100               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -6.509           | -0.0094               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -5.507           | -0.0080               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -4.907           | -0.0071               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -5.121           | -0.0074               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -8.855           | -0.0128               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -6.366           | -0.0092               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -7.825           | -0.0113               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 670.5           | 75            | 0      | 20         | 3.27          | -7.410           | -0.0111               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -7.510           | -0.0112               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -4.792           | -0.0071               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -8.569           | -0.0128               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -6.123           | -0.0091               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.609           | -0.0099               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -3.405           | -0.0051               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -9.584           | -0.0143               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -7.682           | -0.0115               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -6.466           | -0.0096               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -5.379           | -0.0080               | -2.5 to 2.5 | Pass    |
|                             | 680.5           | 75            | 0      | 20         | 3.27          | -5.307           | -0.0078               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -4.420           | -0.0065               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -7.596           | -0.0112               | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |        |         |             |      |
|--|-------|----|---|-----|------|--------|---------|-------------|------|
|  |       |    |   | -30 | 3.85 | -3.190 | -0.0047 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -6.051 | -0.0089 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -4.935 | -0.0073 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -7.310 | -0.0107 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -4.377 | -0.0064 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -6.666 | -0.0098 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -4.220 | -0.0062 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -5.865 | -0.0086 | -2.5 to 2.5 | Pass |
|  | 690.5 | 75 | 0 | 20  | 3.27 | -3.862 | -0.0056 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -4.234 | -0.0061 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | -5.107 | -0.0074 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -4.377 | -0.0063 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -4.778 | -0.0069 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -3.719 | -0.0054 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -8.397 | -0.0122 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -4.606 | -0.0067 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -3.490 | -0.0051 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -5.937 | -0.0086 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -4.821 | -0.0070 | -2.5 to 2.5 | Pass |

## 2.4 B71\_20MHz

### 2.4.1 Test Result

| Band: 71 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 673             | 100           | 0      | 20         | 3.27          | -8.454           | -0.0126               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -5.250           | -0.0078               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -7.796           | -0.0116               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -7.882           | -0.0117               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -5.479           | -0.0081               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.909           | -0.0103               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -7.710           | -0.0115               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -7.668           | -0.0114               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -8.082           | -0.0120               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -6.337           | -0.0094               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -7.267           | -0.0108               | -2.5 to 2.5 | Pass    |
|                             | 683             | 100           | 0      | 20         | 3.27          | -4.349           | -0.0064               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -6.795           | -0.0099               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -6.652           | -0.0097               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -4.706           | -0.0069               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -6.766           | -0.0099               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -5.679           | -0.0083               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -6.881           | -0.0101               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -5.050           | -0.0074               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -6.795           | -0.0099               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -5.436           | -0.0080               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -4.892           | -0.0072               | -2.5 to 2.5 | Pass    |
|                             | 688             | 100           | 0      | 20         | 3.27          | -6.194           | -0.0090               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -2.875           | -0.0042               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -5.908           | -0.0086               | -2.5 to 2.5 | Pass    |

|       |     |     |   |     |      |         |         |             |      |
|-------|-----|-----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 673 | 100 | 0 | -30 | 3.85 | -6.166  | -0.0090 | -2.5 to 2.5 | Pass |
|       |     |     |   | -20 | 3.85 | -9.813  | -0.0143 | -2.5 to 2.5 | Pass |
|       |     |     |   | -10 | 3.85 | -4.921  | -0.0072 | -2.5 to 2.5 | Pass |
|       |     |     |   | 0   | 3.85 | -8.512  | -0.0124 | -2.5 to 2.5 | Pass |
|       |     |     |   | 10  | 3.85 | -10.014 | -0.0146 | -2.5 to 2.5 | Pass |
|       |     |     |   | 30  | 3.85 | -8.798  | -0.0128 | -2.5 to 2.5 | Pass |
|       |     |     |   | 40  | 3.85 | -4.263  | -0.0062 | -2.5 to 2.5 | Pass |
|       |     |     |   | 50  | 3.85 | -6.995  | -0.0102 | -2.5 to 2.5 | Pass |
|       | 683 | 100 | 0 | 20  | 3.27 | -6.809  | -0.0101 | -2.5 to 2.5 | Pass |
|       |     |     |   |     | 3.85 | -8.183  | -0.0122 | -2.5 to 2.5 | Pass |
|       |     |     |   |     | 4.43 | -11.272 | -0.0167 | -2.5 to 2.5 | Pass |
|       |     |     |   | -30 | 3.85 | -9.484  | -0.0141 | -2.5 to 2.5 | Pass |
|       |     |     |   | -20 | 3.85 | -8.197  | -0.0122 | -2.5 to 2.5 | Pass |
|       |     |     |   | -10 | 3.85 | -6.738  | -0.0100 | -2.5 to 2.5 | Pass |
|       |     |     |   | 0   | 3.85 | -10.586 | -0.0157 | -2.5 to 2.5 | Pass |
|       |     |     |   | 10  | 3.85 | -7.467  | -0.0111 | -2.5 to 2.5 | Pass |
|       |     |     |   | 30  | 3.85 | -4.263  | -0.0063 | -2.5 to 2.5 | Pass |
|       |     |     |   | 40  | 3.85 | -9.027  | -0.0134 | -2.5 to 2.5 | Pass |
|       |     |     |   | 50  | 3.85 | -4.263  | -0.0063 | -2.5 to 2.5 | Pass |
|       |     |     |   | 20  | 3.27 | -4.749  | -0.0070 | -2.5 to 2.5 | Pass |
|       |     |     |   |     | 3.85 | -7.267  | -0.0106 | -2.5 to 2.5 | Pass |
|       |     |     |   |     | 4.43 | -6.924  | -0.0101 | -2.5 to 2.5 | Pass |
|       |     |     |   | -30 | 3.85 | -6.351  | -0.0093 | -2.5 to 2.5 | Pass |
|       |     |     |   | -20 | 3.85 | -5.393  | -0.0079 | -2.5 to 2.5 | Pass |
|       |     |     |   | -10 | 3.85 | -5.908  | -0.0087 | -2.5 to 2.5 | Pass |
|       |     |     |   | 0   | 3.85 | -2.789  | -0.0041 | -2.5 to 2.5 | Pass |
|       |     |     |   | 10  | 3.85 | -8.283  | -0.0121 | -2.5 to 2.5 | Pass |
|       |     |     |   | 30  | 3.85 | -4.964  | -0.0073 | -2.5 to 2.5 | Pass |
|       |     |     |   | 40  | 3.85 | -6.766  | -0.0099 | -2.5 to 2.5 | Pass |
|       |     |     |   | 50  | 3.85 | -6.766  | -0.0099 | -2.5 to 2.5 | Pass |
|       | 688 | 100 | 0 | 20  | 3.27 | -5.293  | -0.0077 | -2.5 to 2.5 | Pass |
|       |     |     |   |     | 3.85 | -6.909  | -0.0100 | -2.5 to 2.5 | Pass |
|       |     |     |   |     | 4.43 | -7.710  | -0.0112 | -2.5 to 2.5 | Pass |
|       |     |     |   | -30 | 3.85 | -7.467  | -0.0109 | -2.5 to 2.5 | Pass |
|       |     |     |   | -20 | 3.85 | -8.769  | -0.0127 | -2.5 to 2.5 | Pass |
|       |     |     |   | -10 | 3.85 | -7.124  | -0.0104 | -2.5 to 2.5 | Pass |
|       |     |     |   | 0   | 3.85 | -5.264  | -0.0077 | -2.5 to 2.5 | Pass |
|       |     |     |   | 10  | 3.85 | -8.140  | -0.0118 | -2.5 to 2.5 | Pass |
|       |     |     |   | 30  | 3.85 | -4.063  | -0.0059 | -2.5 to 2.5 | Pass |
|       |     |     |   | 40  | 3.85 | -7.882  | -0.0115 | -2.5 to 2.5 | Pass |
|       |     |     |   | 50  | 3.85 | -6.466  | -0.0094 | -2.5 to 2.5 | Pass |

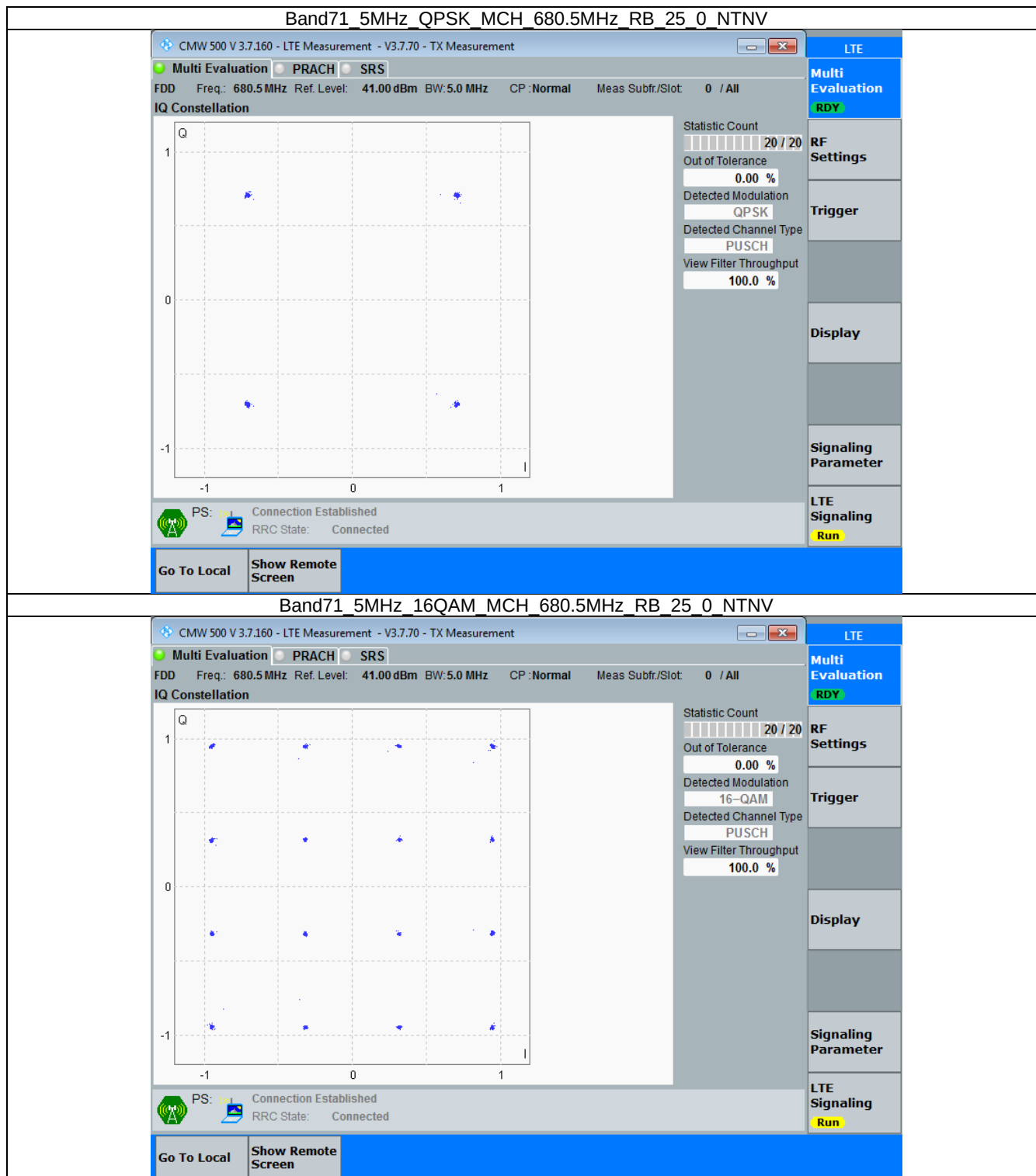
### 3. Modulation Characteristics

#### 3.1 B71\_5MHz

##### 3.1.1 Test Result

| Band: 71 / Bandwidth: 5MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 680.5           | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 680.5           | 25            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.2 Test Graph

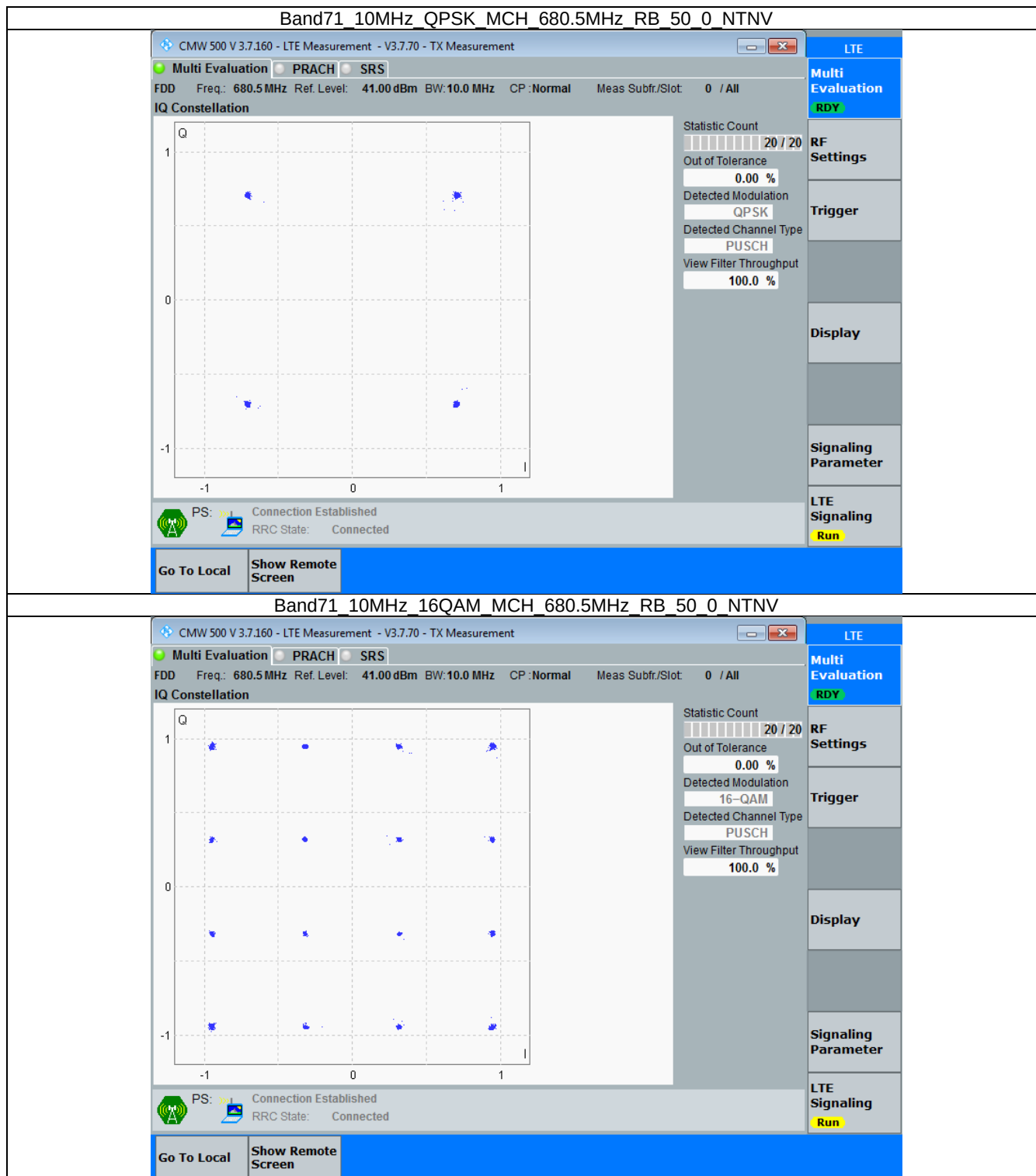


## 3.2 B71\_10MHz

## 3.2.1 Test Result

| Band: 71 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 680.5           | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 680.5           | 50            | 0      | Refer To Test Graph        |       | Pass    |

### 3.2.2 Test Graph

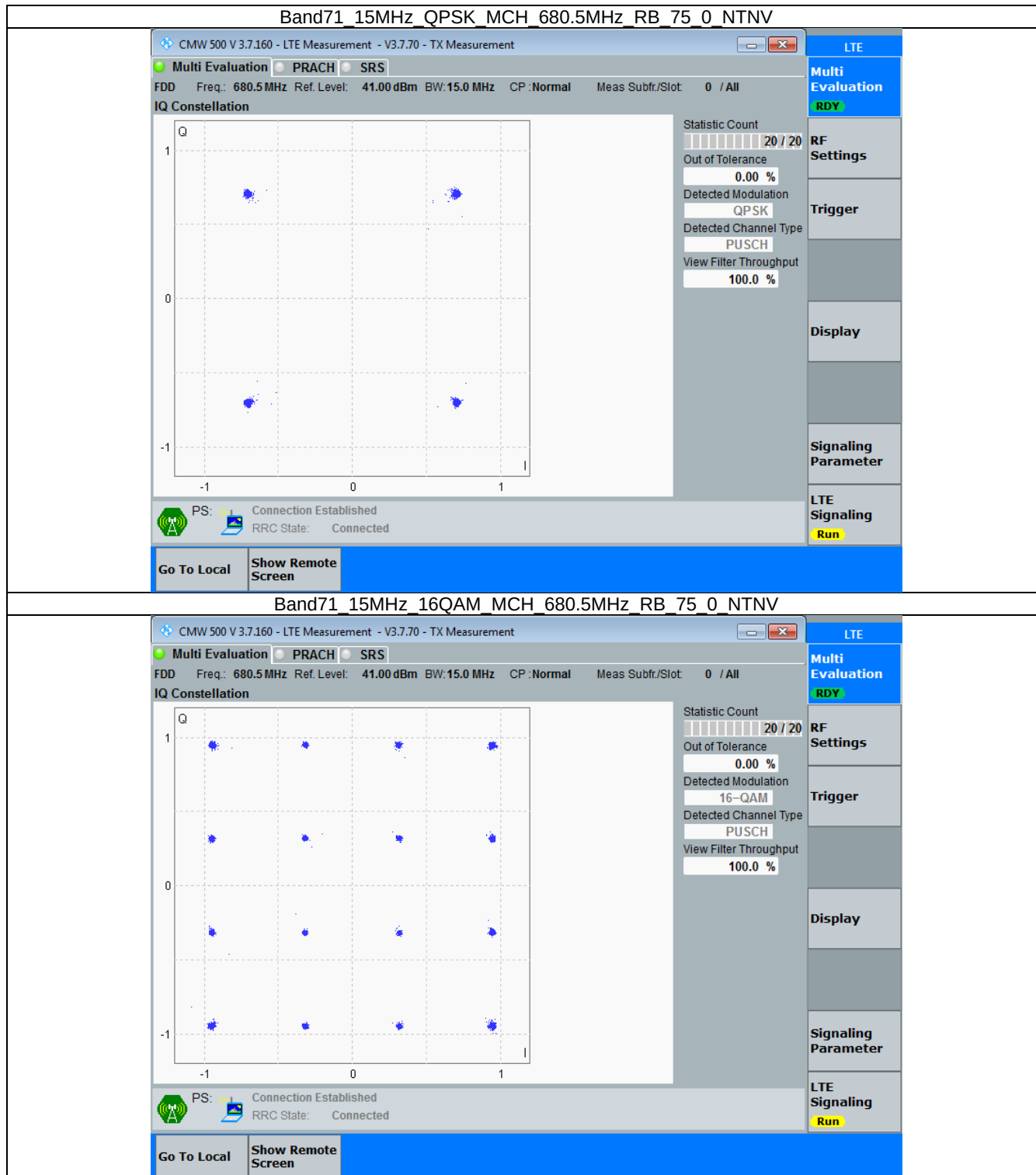


### 3.3 B71\_15MHz

#### 3.3.1 Test Result

| Band: 71 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 680.5           | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 680.5           | 75            | 0      | Refer To Test Graph        |       | Pass    |

### 3.3.2 Test Graph

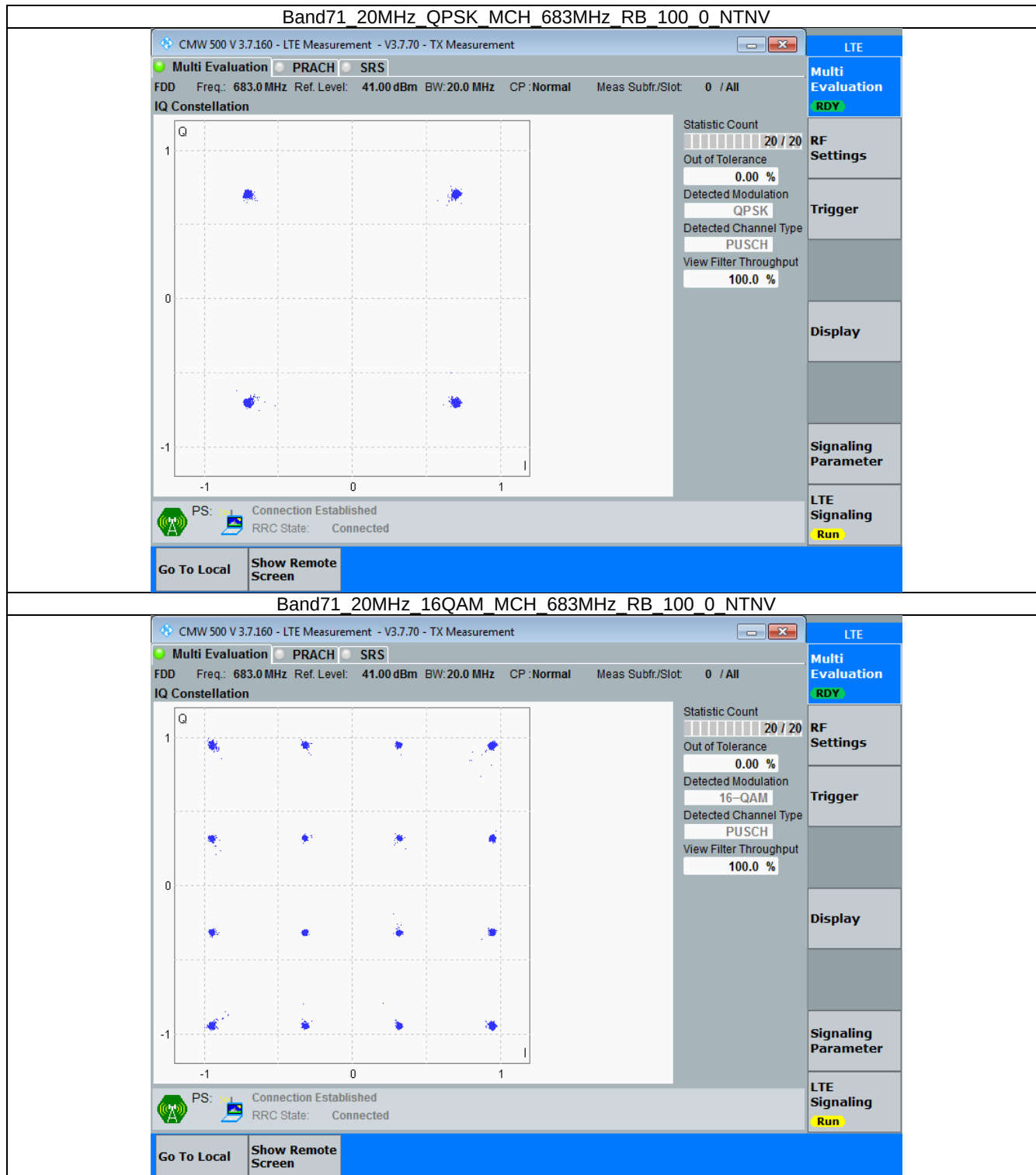


## 3.4 B71\_20MHz

## 3.4.1 Test Result

| Band: 71 / Bandwidth: 20MHz / NTN |                    |               |        |                            |       |
|-----------------------------------|--------------------|---------------|--------|----------------------------|-------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                   |                    | Size          | Offset | Result                     | Limit |
| QPSK                              | 683                | 100           | 0      | Refer To Test Graph        | Pass  |
| 16QAM                             | 683                | 100           | 0      | Refer To Test Graph        | Pass  |

### 3.4.2 Test Graph



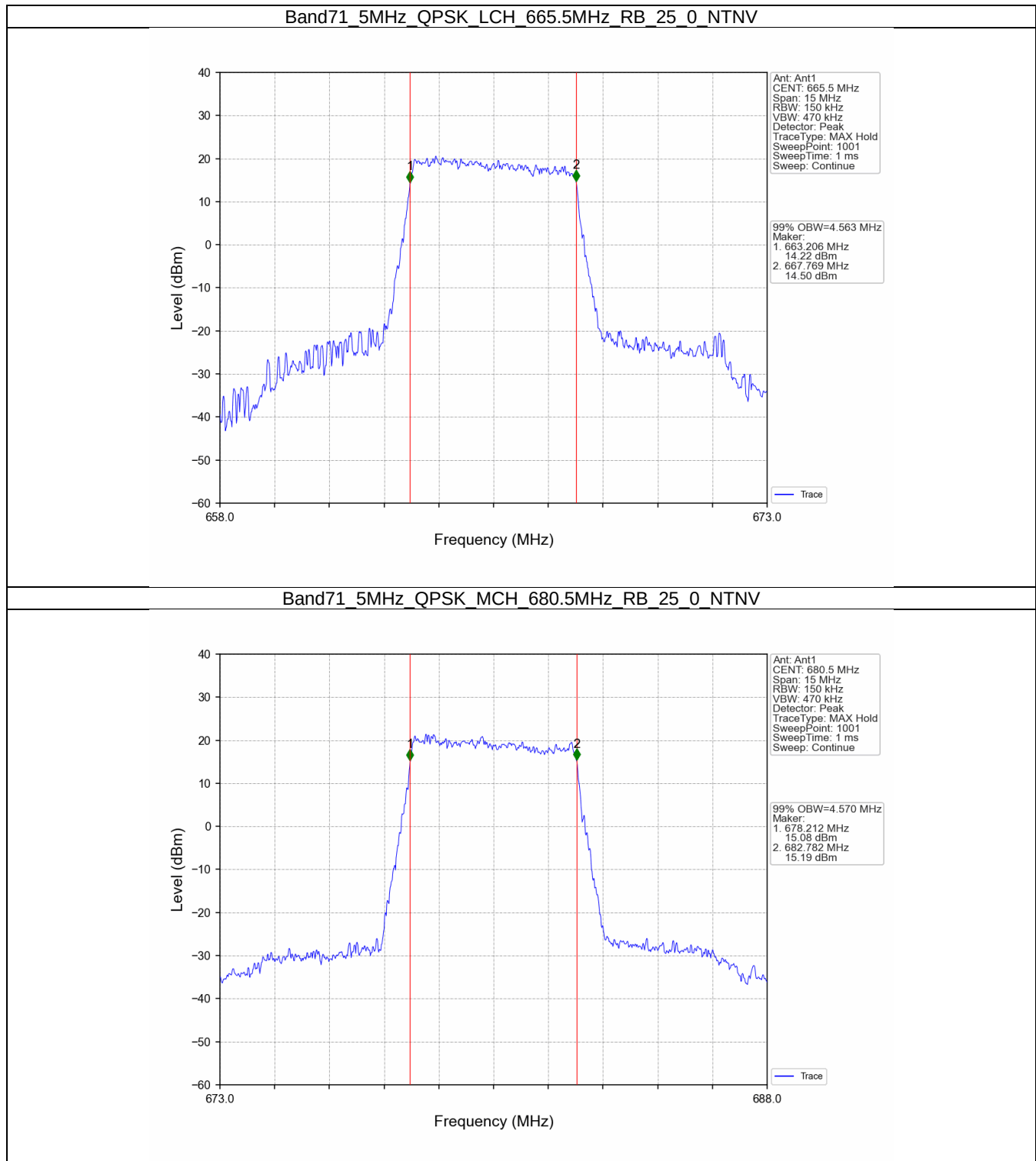
## 4. 99% & 26dB Bandwidth

### 4.1 Band71\_OBW

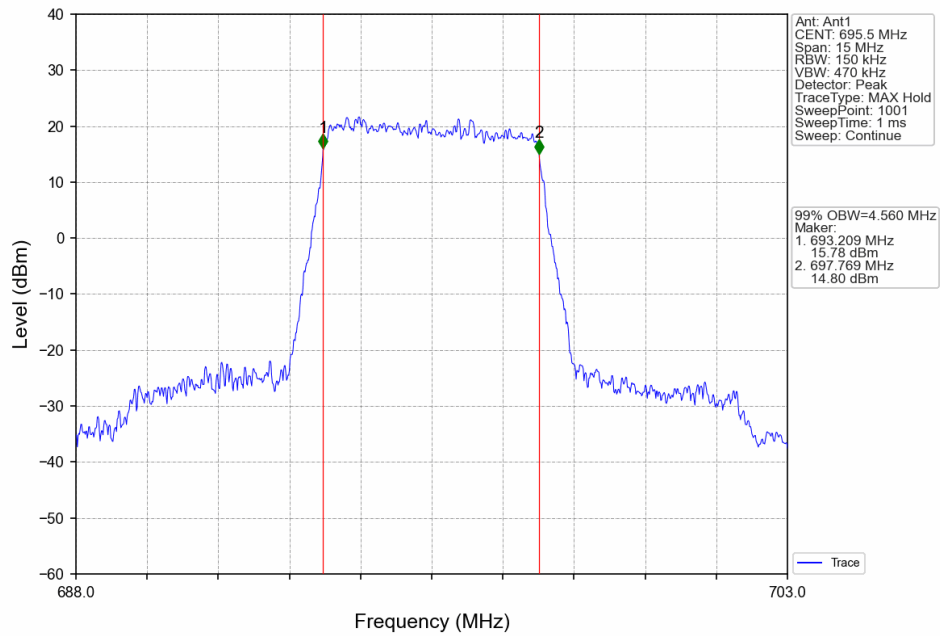
#### 4.1.1 Test Result

| Band: 71 / NTNV |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 5               | QPSK       | 665.5           | 25            | 0      | 4.563                        | Pass    |
|                 |            | 680.5           | 25            | 0      | 4.570                        | Pass    |
|                 |            | 695.5           | 25            | 0      | 4.560                        | Pass    |
|                 | 16QAM      | 665.5           | 25            | 0      | 4.580                        | Pass    |
|                 |            | 680.5           | 25            | 0      | 4.591                        | Pass    |
|                 |            | 695.5           | 25            | 0      | 4.541                        | Pass    |
| 10              | QPSK       | 668             | 50            | 0      | 9.163                        | Pass    |
|                 |            | 680.5           | 50            | 0      | 9.066                        | Pass    |
|                 |            | 693             | 50            | 0      | 9.048                        | Pass    |
|                 | 16QAM      | 668             | 50            | 0      | 9.130                        | Pass    |
|                 |            | 680.5           | 50            | 0      | 9.084                        | Pass    |
|                 |            | 693             | 50            | 0      | 9.023                        | Pass    |
| 15              | QPSK       | 670.5           | 75            | 0      | 13.720                       | Pass    |
|                 |            | 680.5           | 75            | 0      | 13.720                       | Pass    |
|                 |            | 690.5           | 75            | 0      | 13.568                       | Pass    |
|                 | 16QAM      | 670.5           | 75            | 0      | 13.739                       | Pass    |
|                 |            | 680.5           | 75            | 0      | 13.845                       | Pass    |
|                 |            | 690.5           | 75            | 0      | 13.583                       | Pass    |
| 20              | QPSK       | 673             | 100           | 0      | 18.195                       | Pass    |
|                 |            | 683             | 100           | 0      | 18.226                       | Pass    |
|                 |            | 688             | 100           | 0      | 18.194                       | Pass    |
|                 | 16QAM      | 673             | 100           | 0      | 18.218                       | Pass    |
|                 |            | 683             | 100           | 0      | 18.244                       | Pass    |
|                 |            | 688             | 100           | 0      | 18.162                       | Pass    |

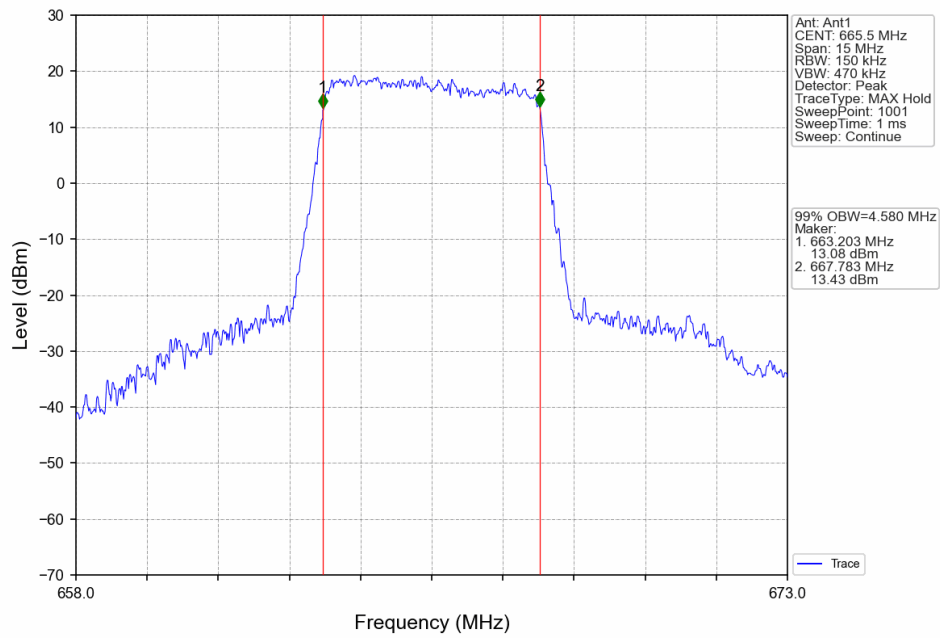
### 4.1.2 Test Graph



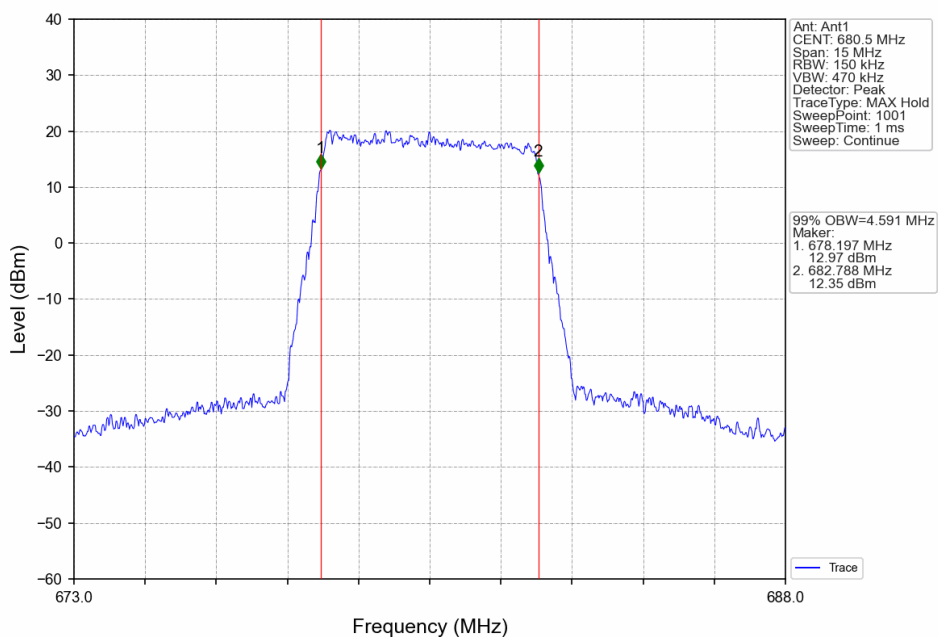
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



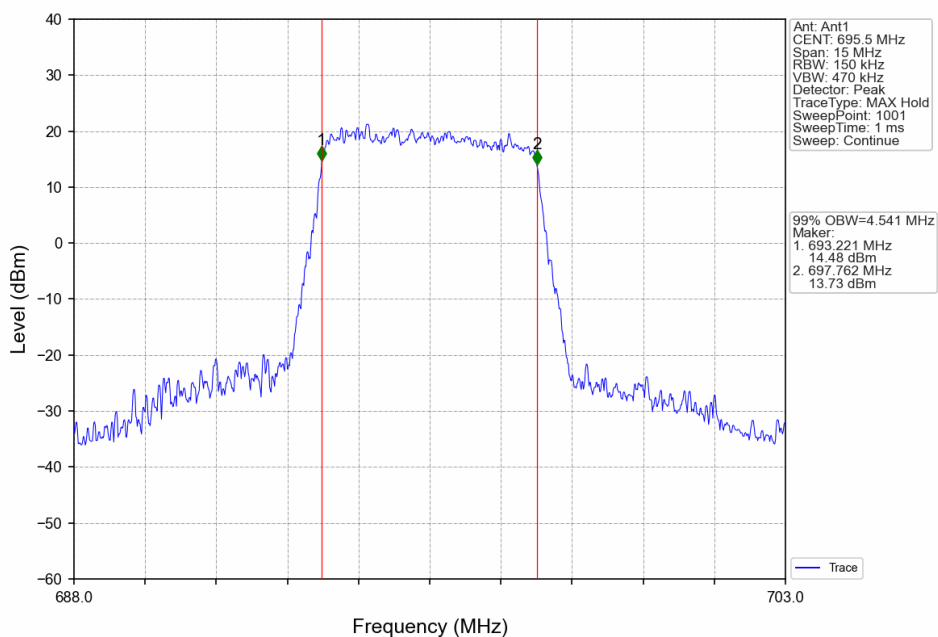
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



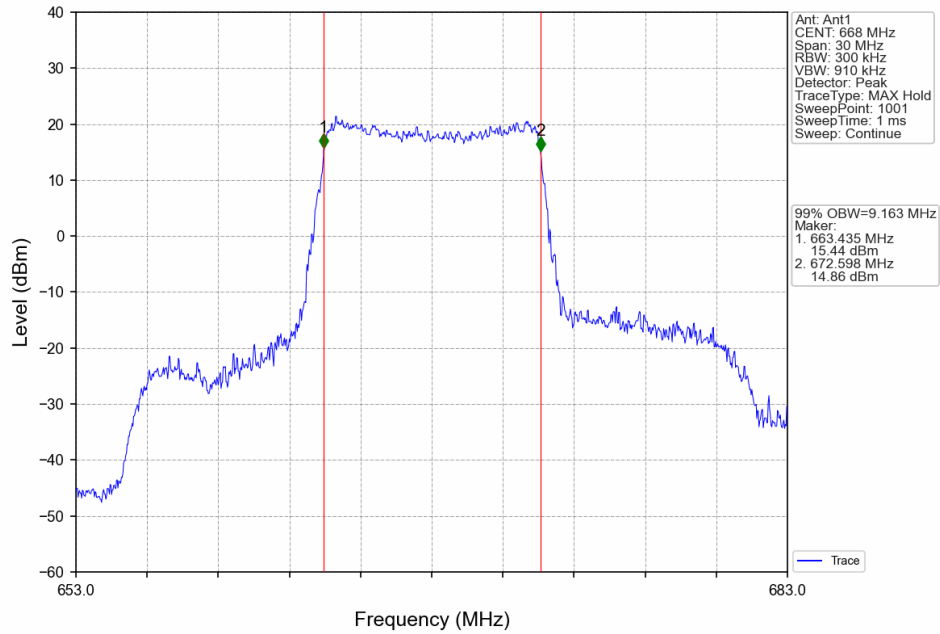
Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



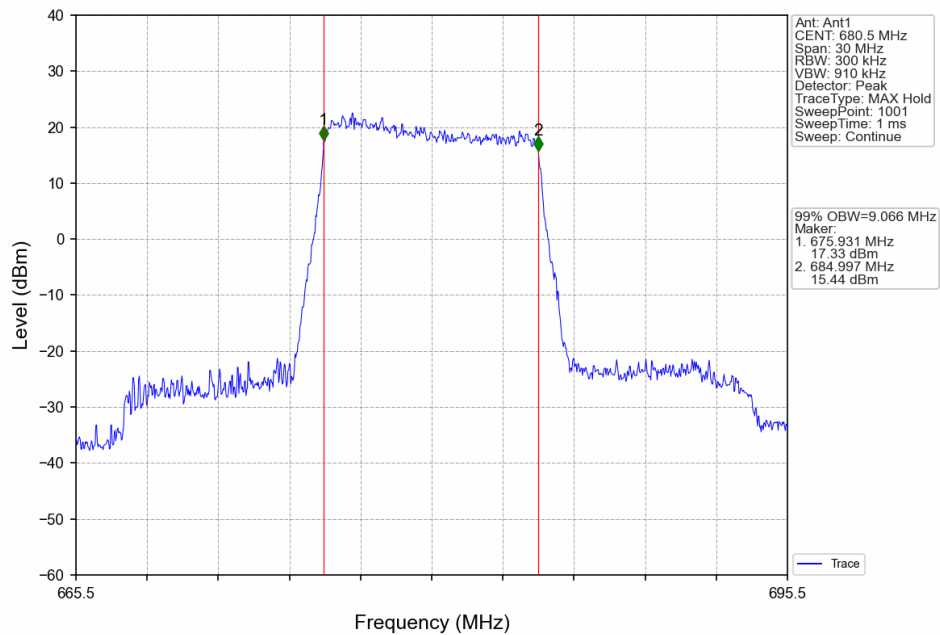
Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



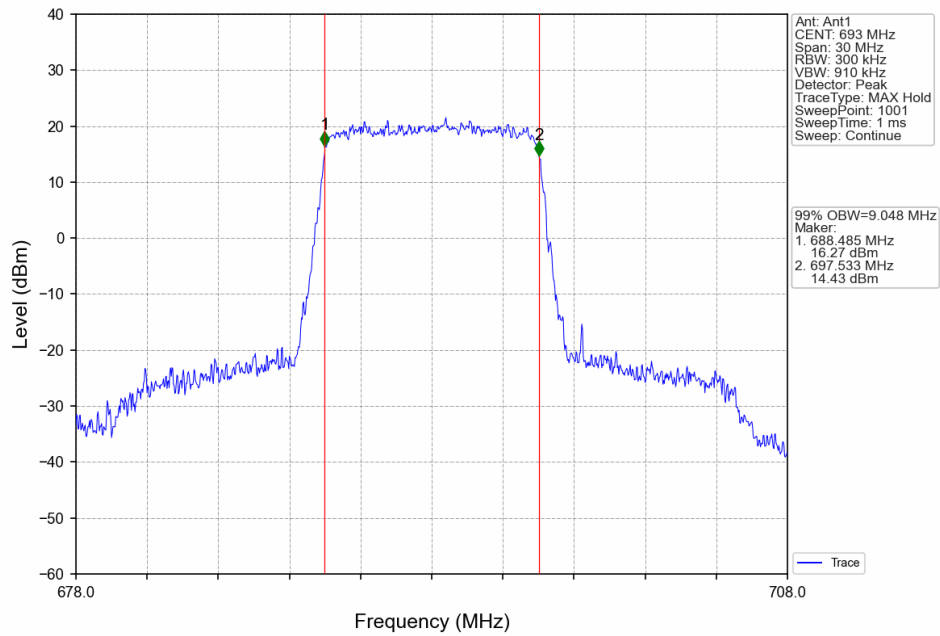
Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



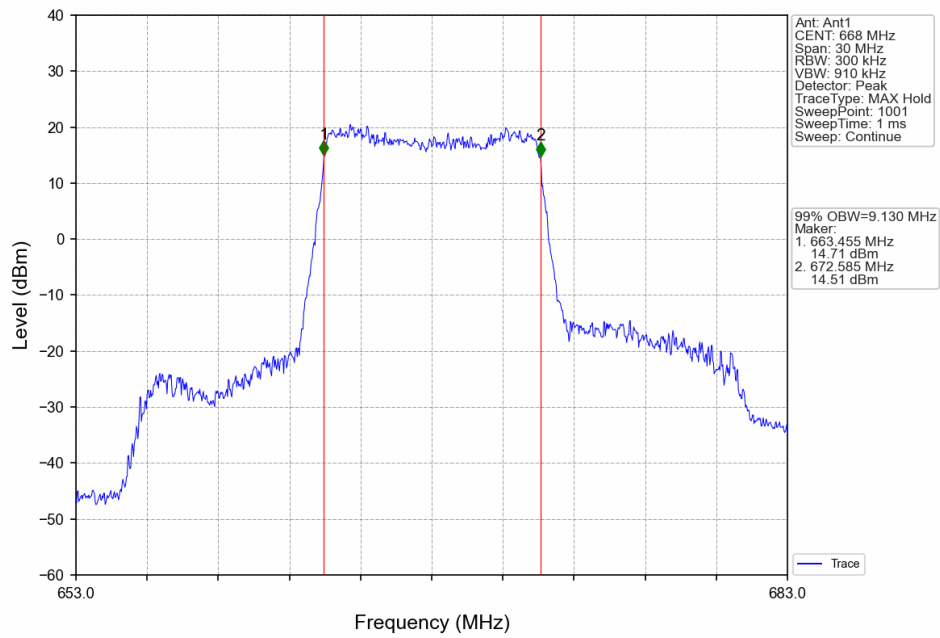
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



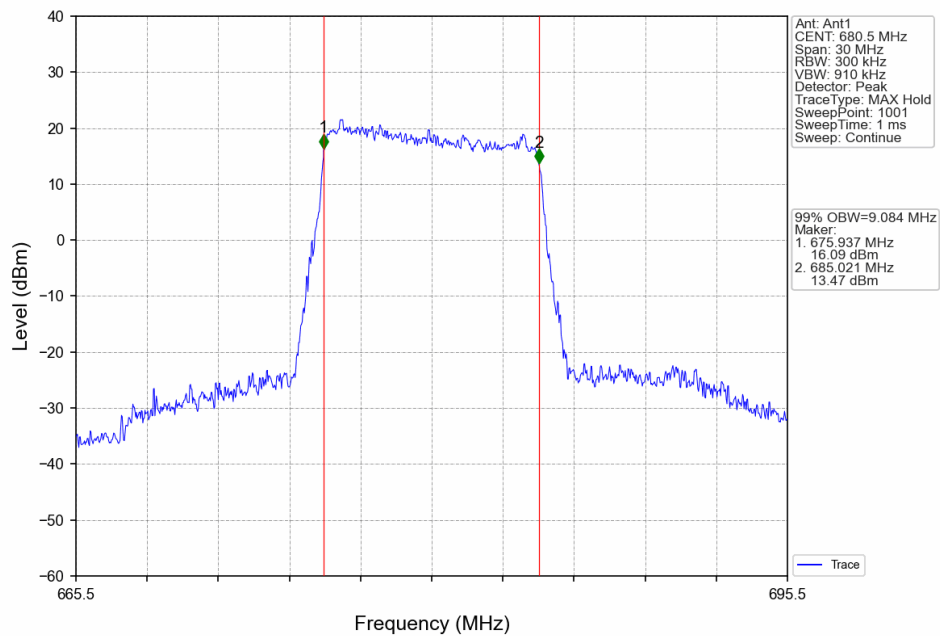
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



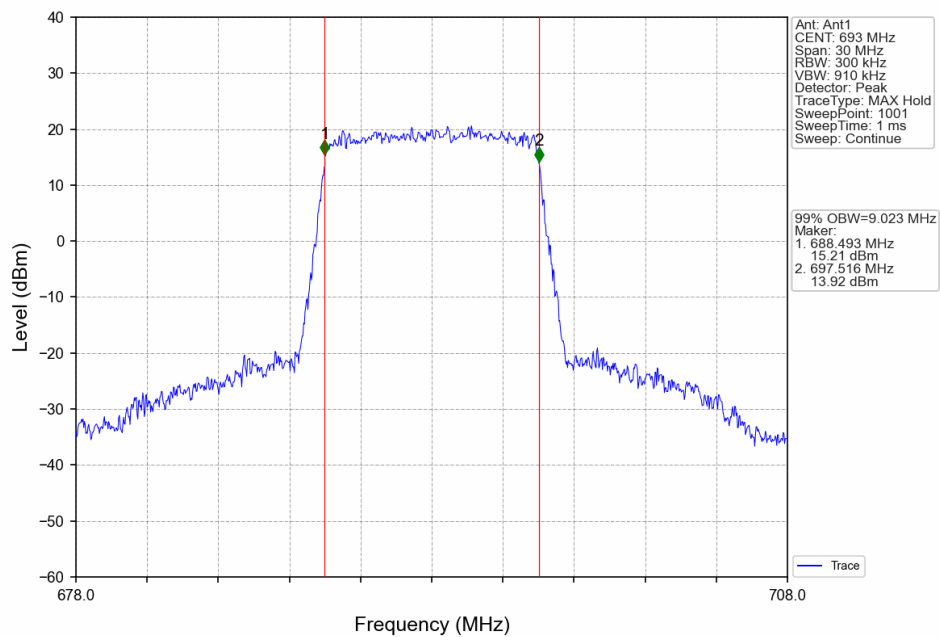
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



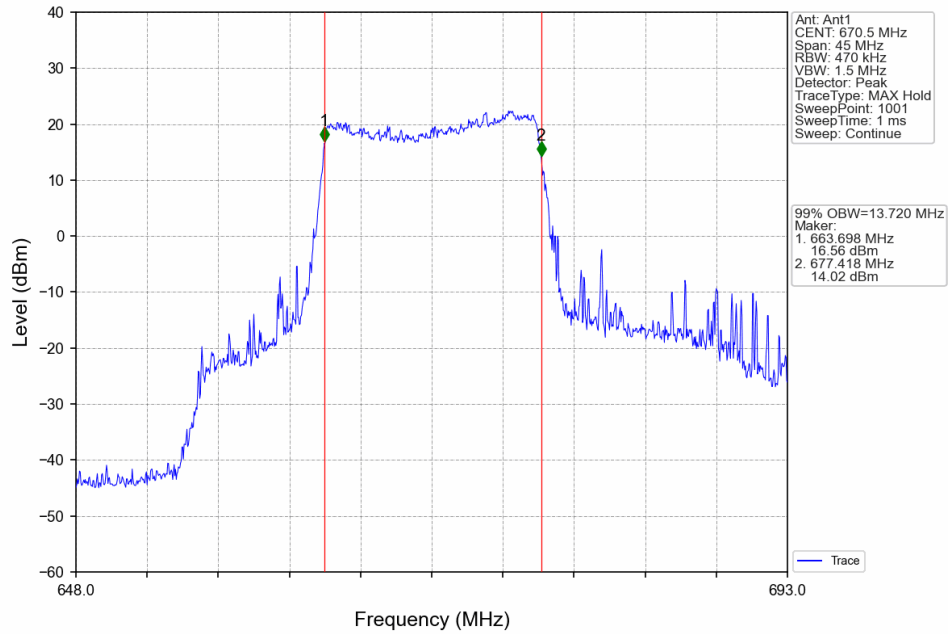
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



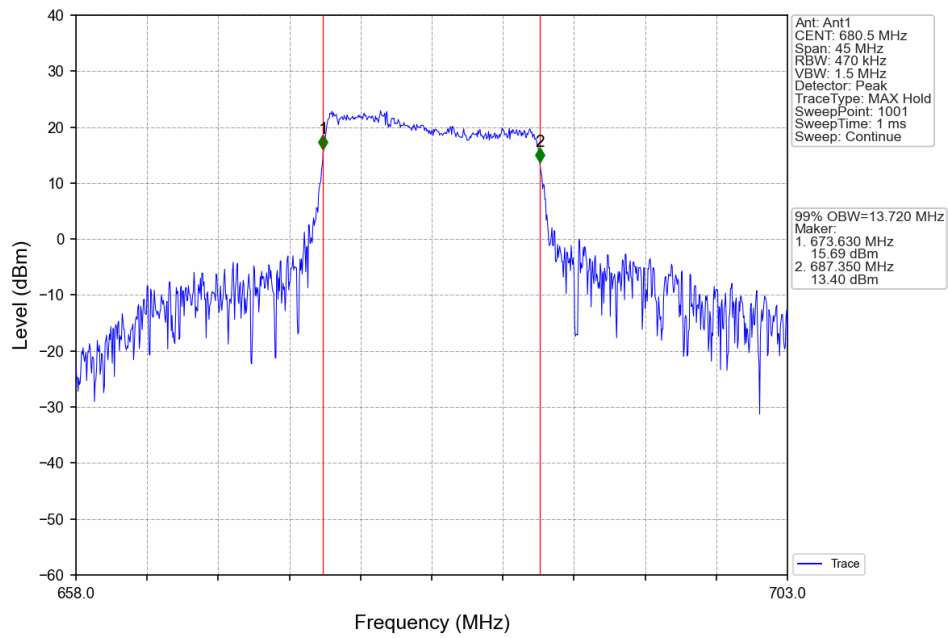
Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



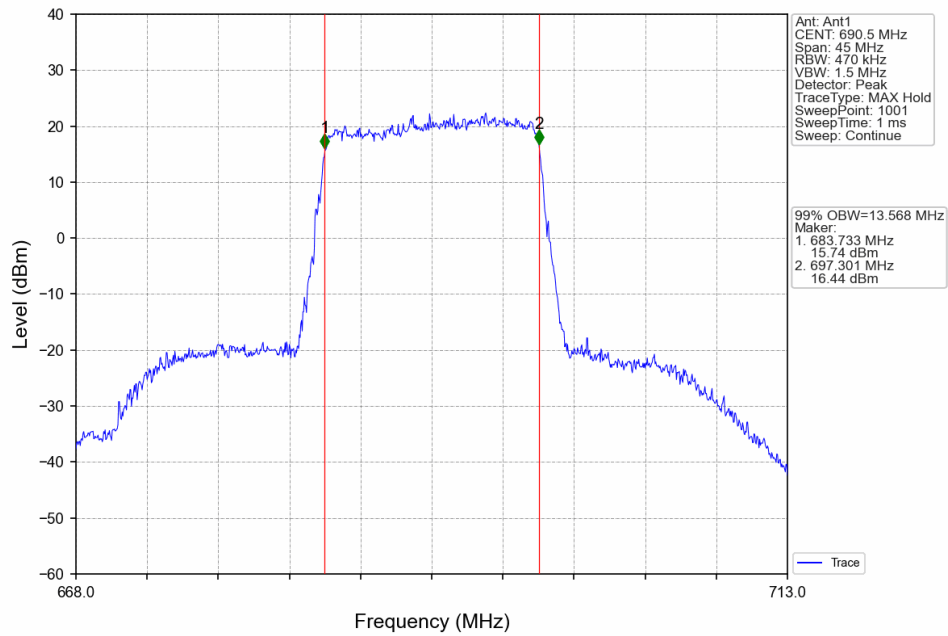
Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



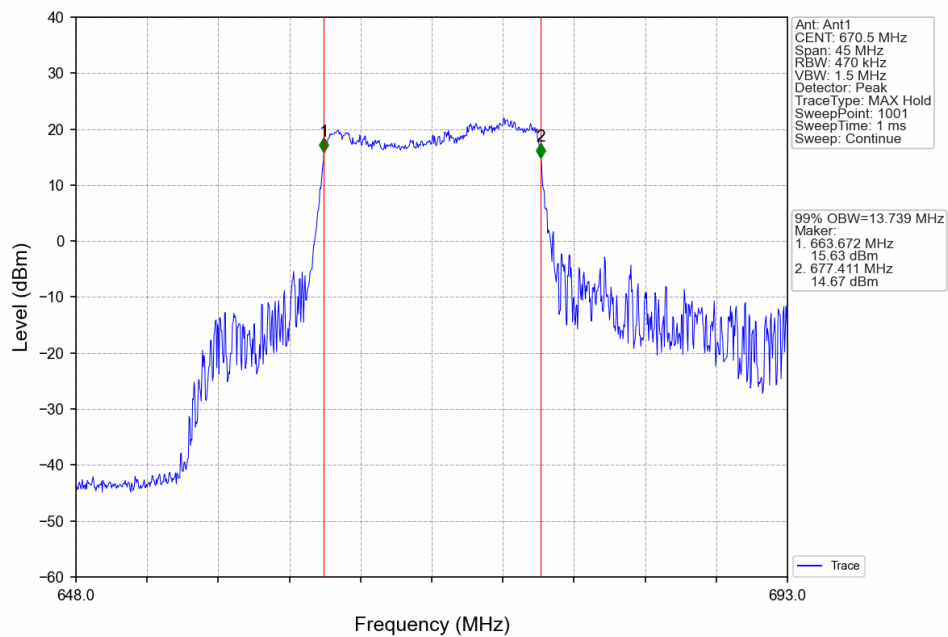
Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



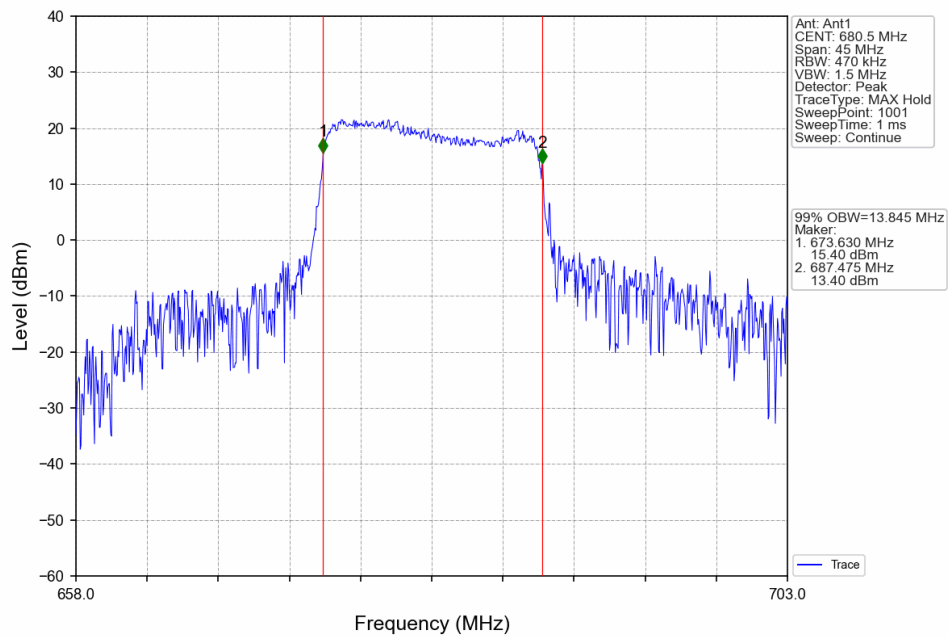
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



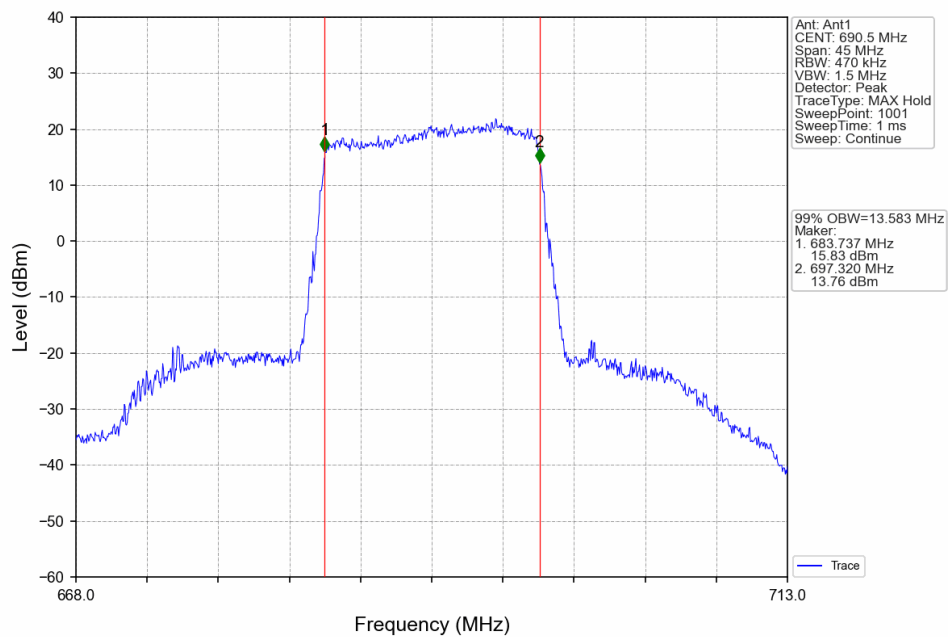
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



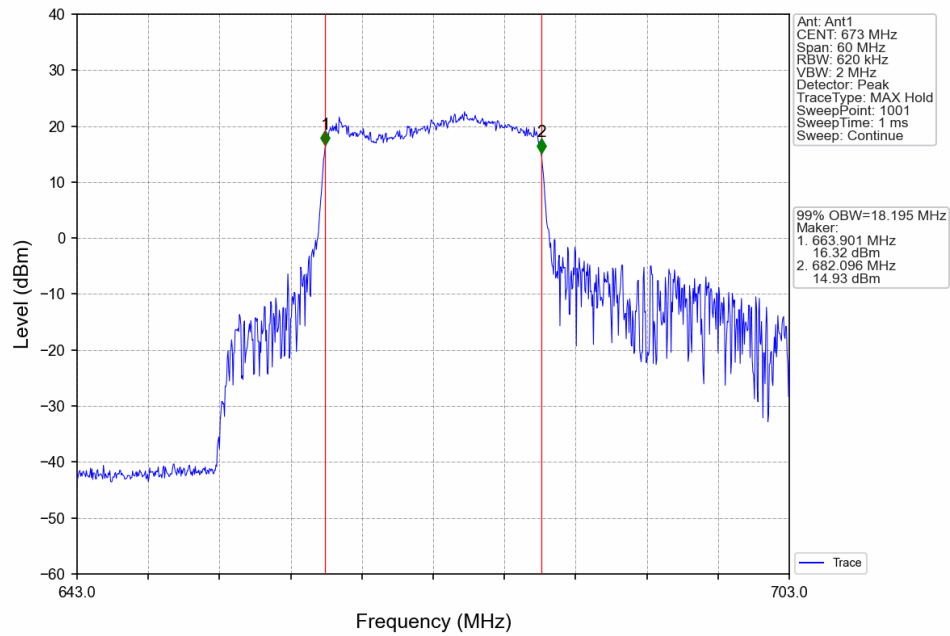
Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



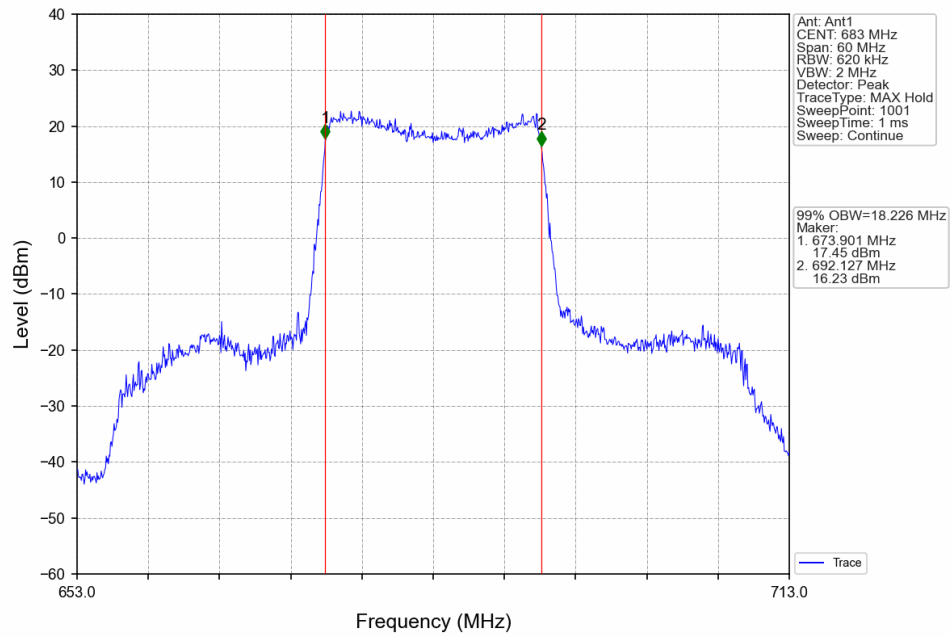
Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



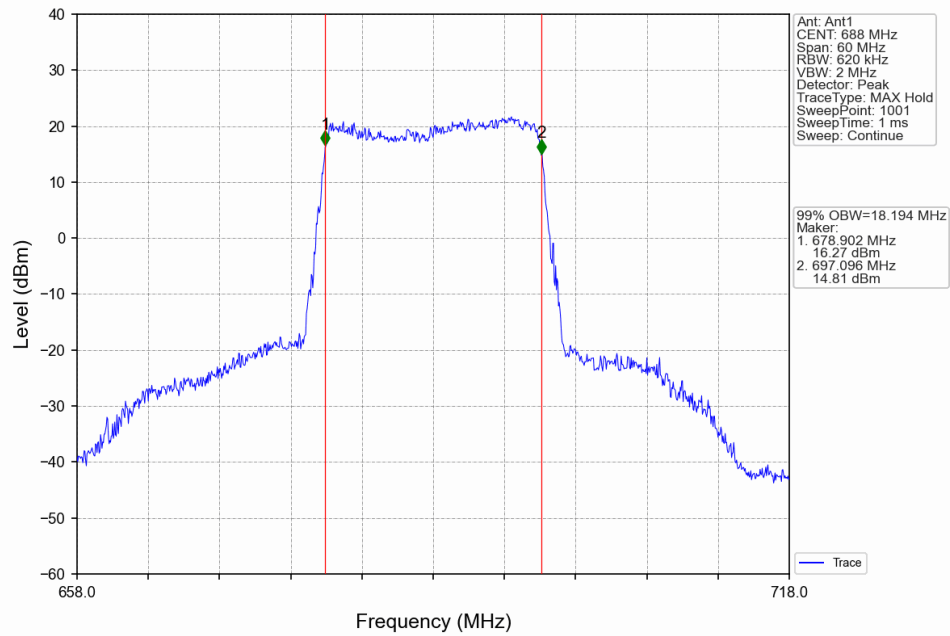
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



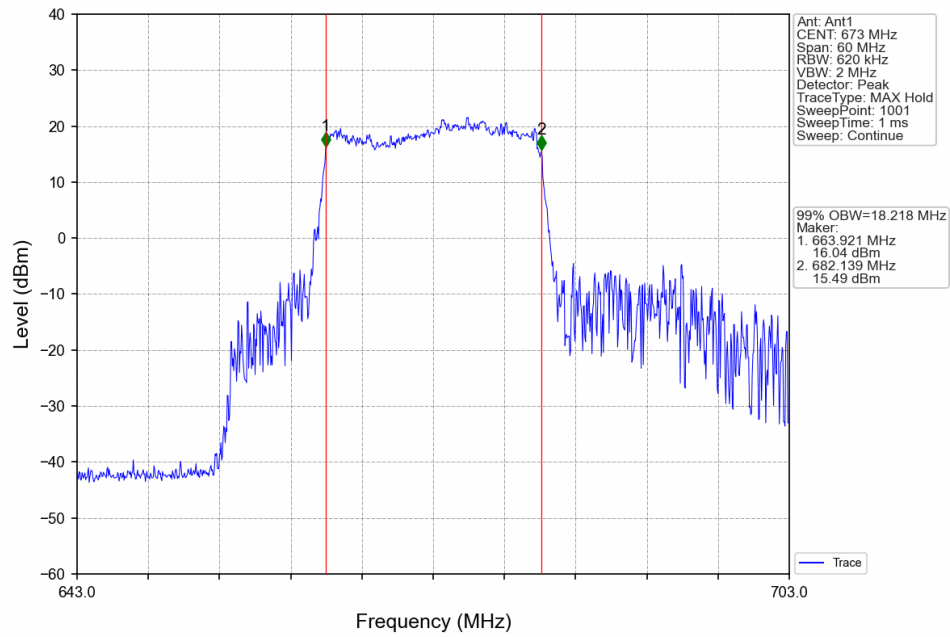
Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV



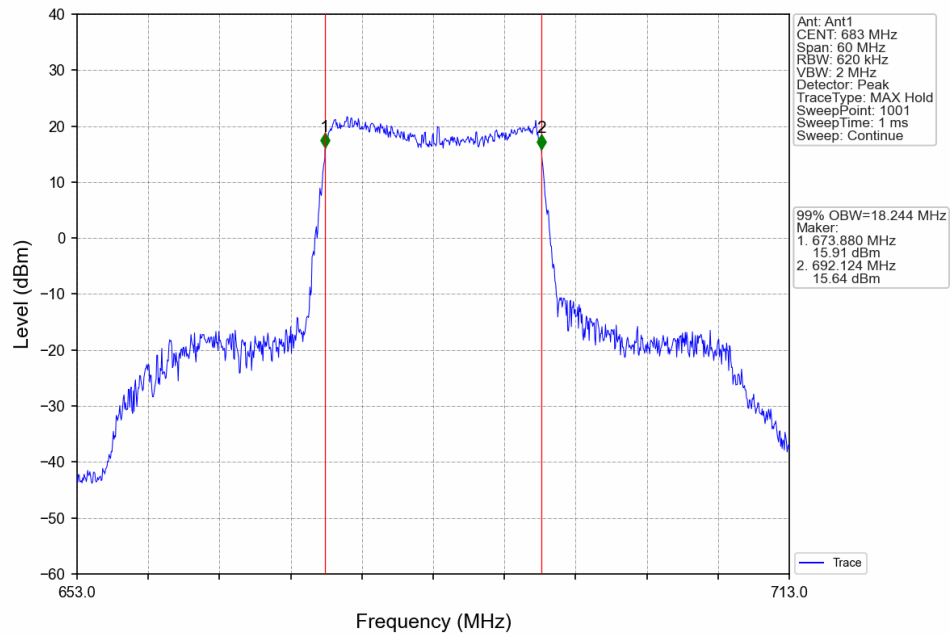
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



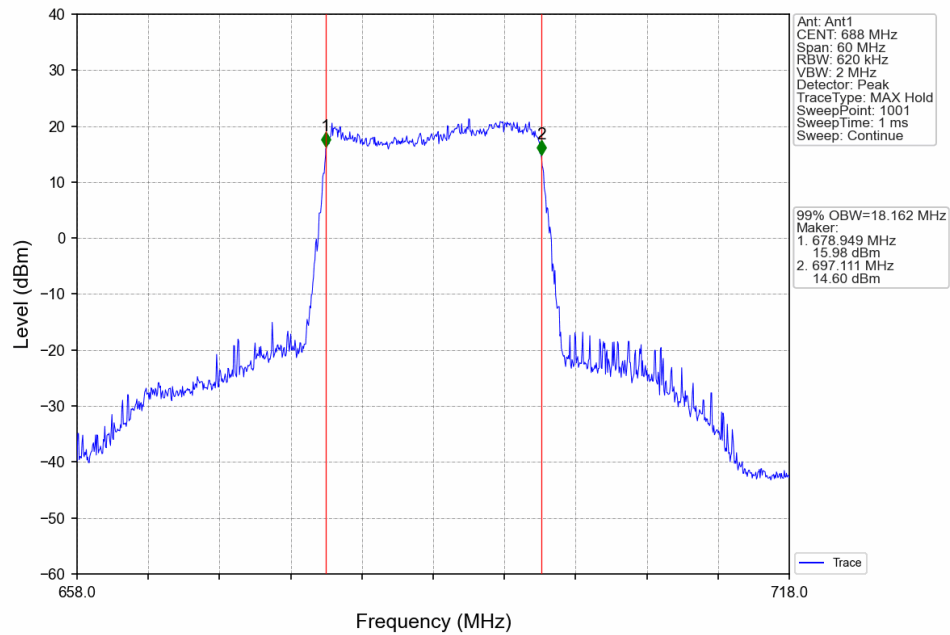
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_16QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV

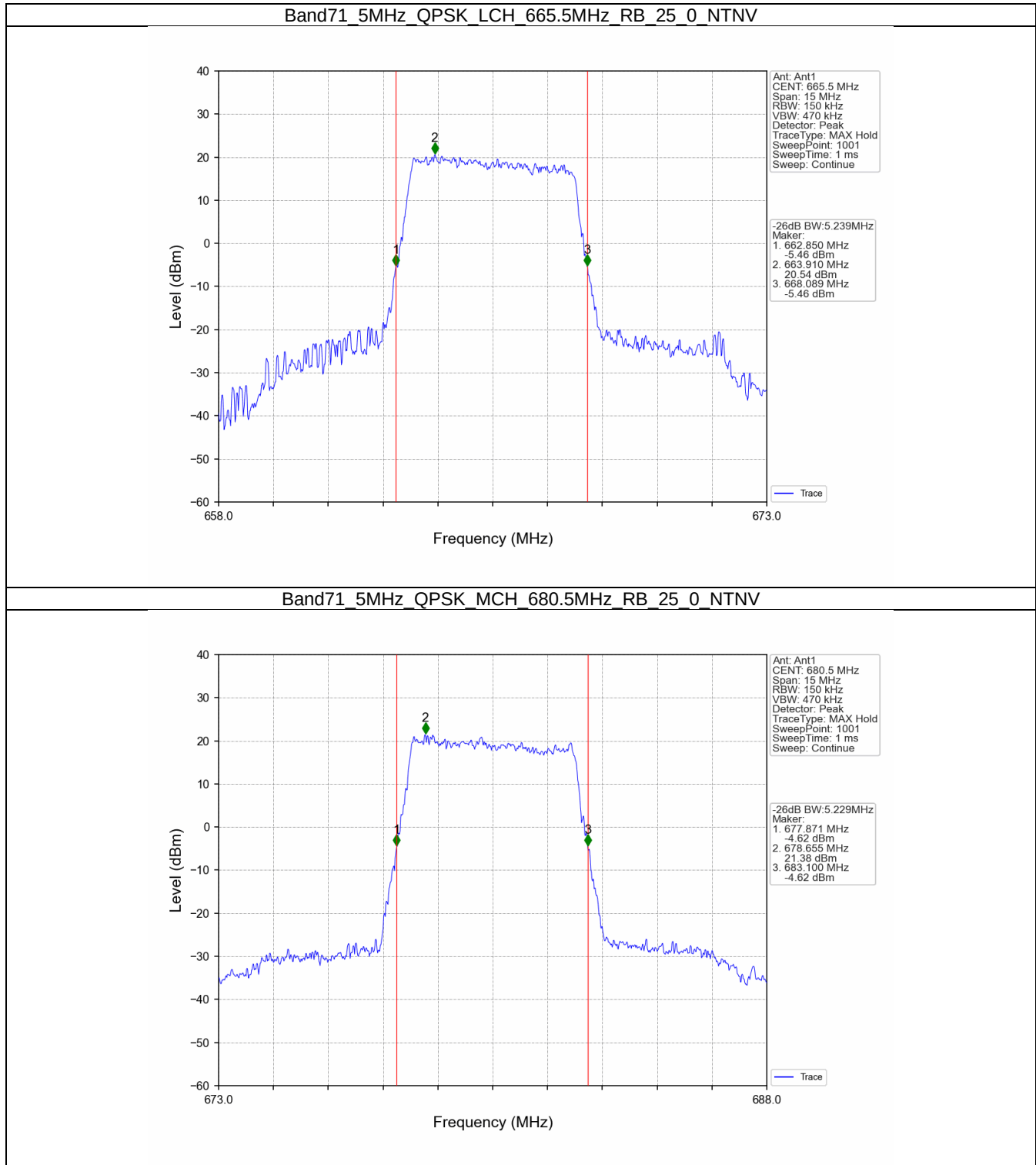


## 4.2 Band71\_XDB

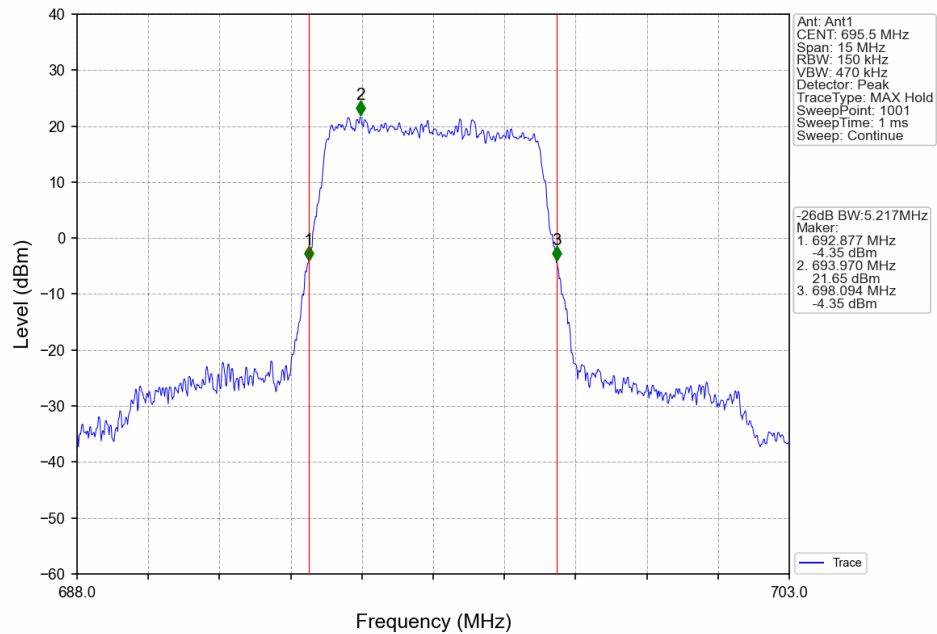
### 4.2.1 Test Result

| Band: 71 / NTNV |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 5               | QPSK       | 665.5           | 25            | 0      | 5.239                | Pass    |
|                 |            | 680.5           | 25            | 0      | 5.229                | Pass    |
|                 |            | 695.5           | 25            | 0      | 5.217                | Pass    |
|                 | 16QAM      | 665.5           | 25            | 0      | 5.223                | Pass    |
|                 |            | 680.5           | 25            | 0      | 5.279                | Pass    |
|                 |            | 695.5           | 25            | 0      | 5.221                | Pass    |
| 10              | QPSK       | 668             | 50            | 0      | 10.425               | Pass    |
|                 |            | 680.5           | 50            | 0      | 10.087               | Pass    |
|                 |            | 693             | 50            | 0      | 10.140               | Pass    |
|                 | 16QAM      | 668             | 50            | 0      | 10.270               | Pass    |
|                 |            | 680.5           | 50            | 0      | 10.178               | Pass    |
|                 |            | 693             | 50            | 0      | 10.189               | Pass    |
| 15              | QPSK       | 670.5           | 75            | 0      | 18.334               | Pass    |
|                 |            | 680.5           | 75            | 0      | 21.383               | Pass    |
|                 |            | 690.5           | 75            | 0      | 15.178               | Pass    |
|                 | 16QAM      | 670.5           | 75            | 0      | 18.533               | Pass    |
|                 |            | 680.5           | 75            | 0      | 23.603               | Pass    |
|                 |            | 690.5           | 75            | 0      | 15.202               | Pass    |
| 20              | QPSK       | 673             | 100           | 0      | 22.466               | Pass    |
|                 |            | 683             | 100           | 0      | 20.162               | Pass    |
|                 |            | 688             | 100           | 0      | 20.234               | Pass    |
|                 | 16QAM      | 673             | 100           | 0      | 20.214               | Pass    |
|                 |            | 683             | 100           | 0      | 20.259               | Pass    |
|                 |            | 688             | 100           | 0      | 20.108               | Pass    |

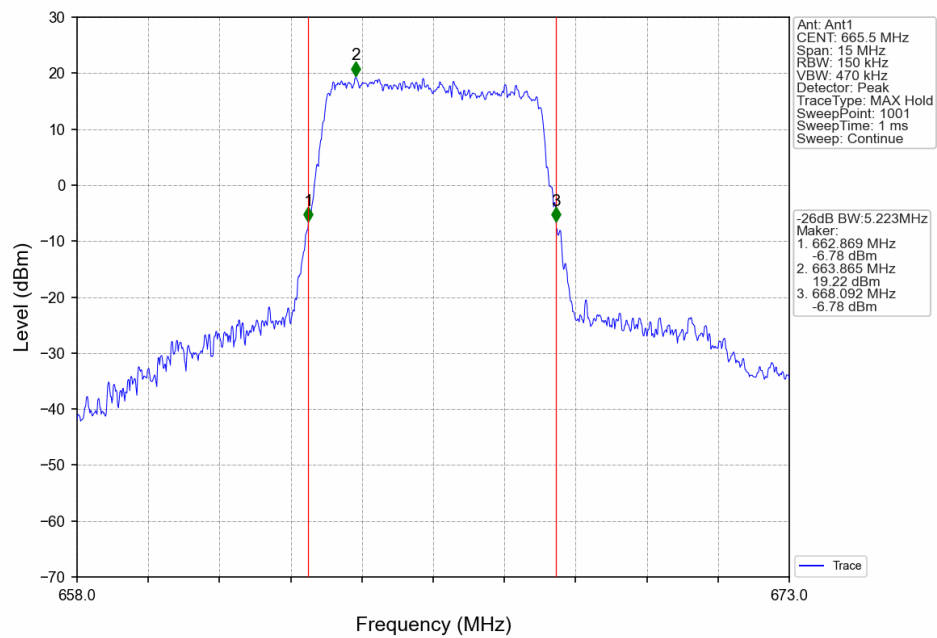
## 4.2.2 Test Graph



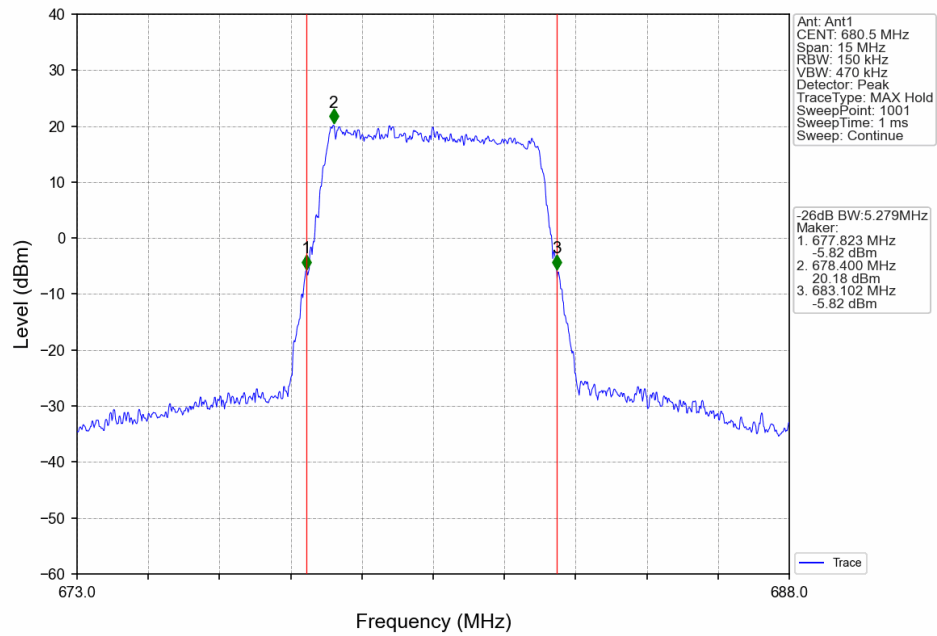
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



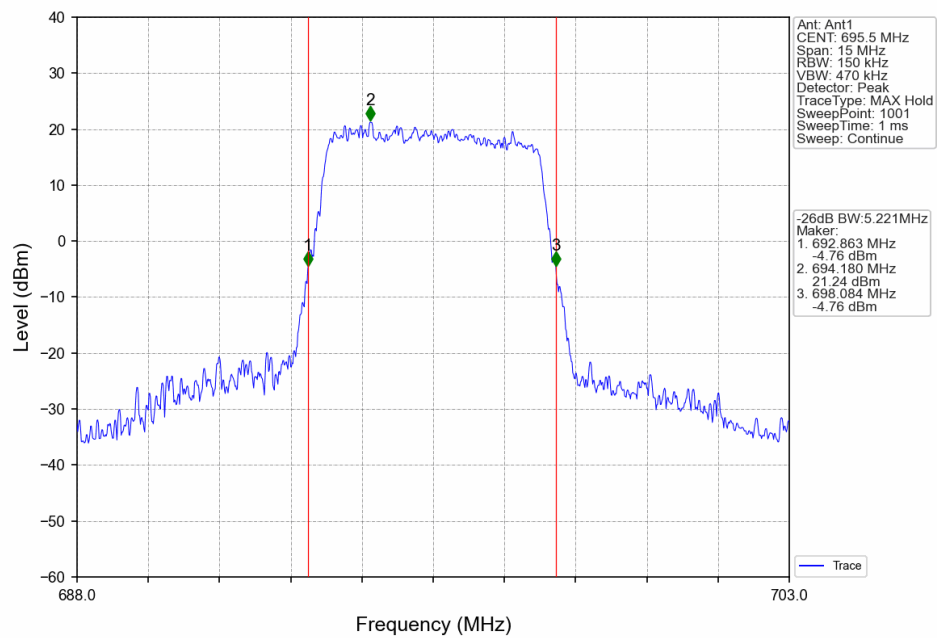
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



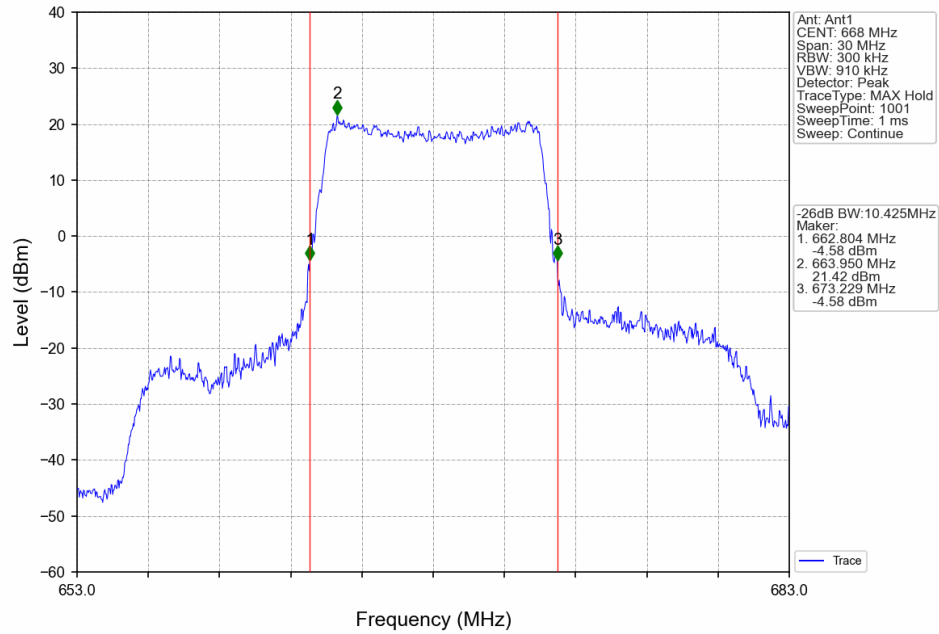
Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



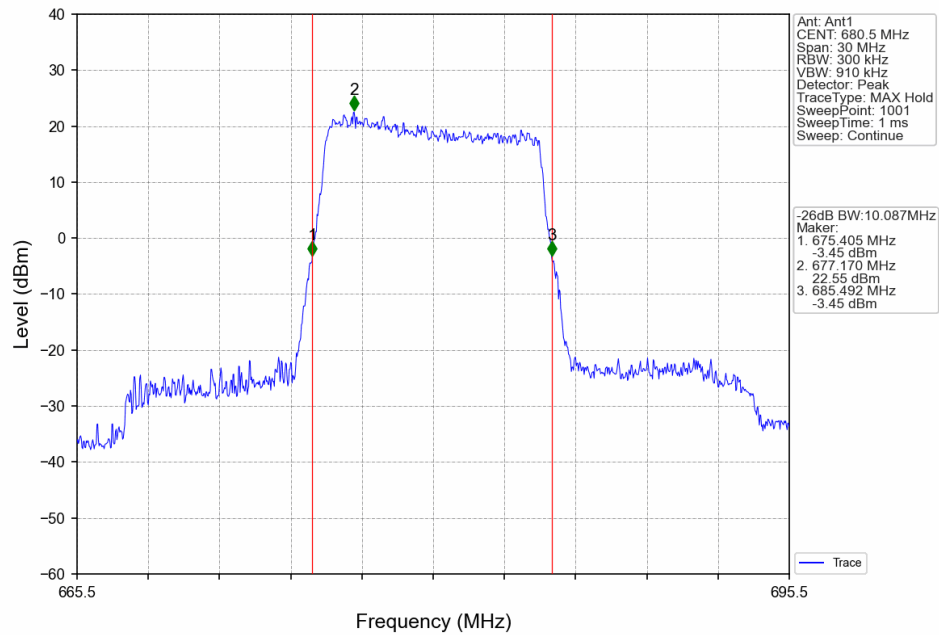
Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



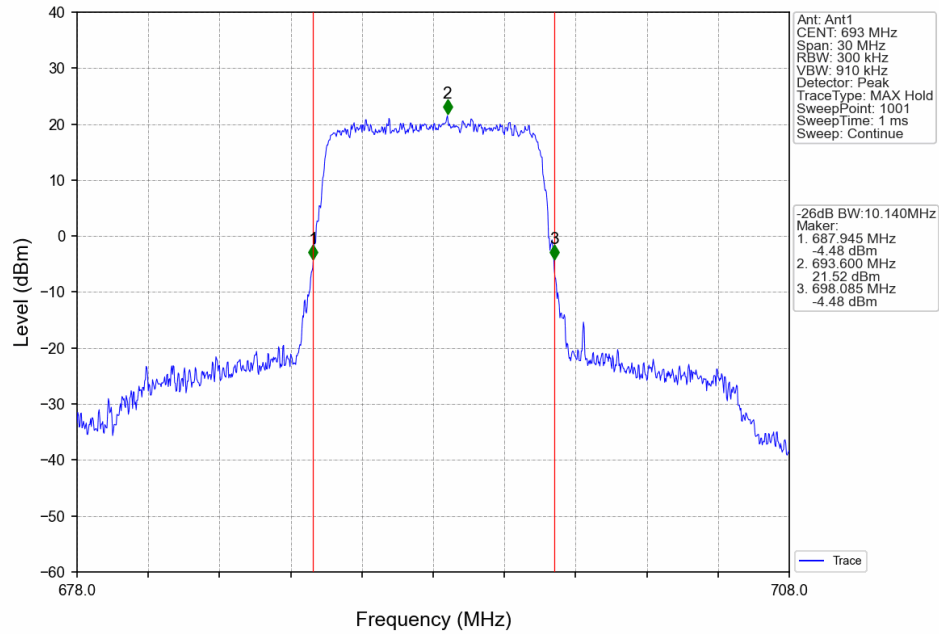
Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



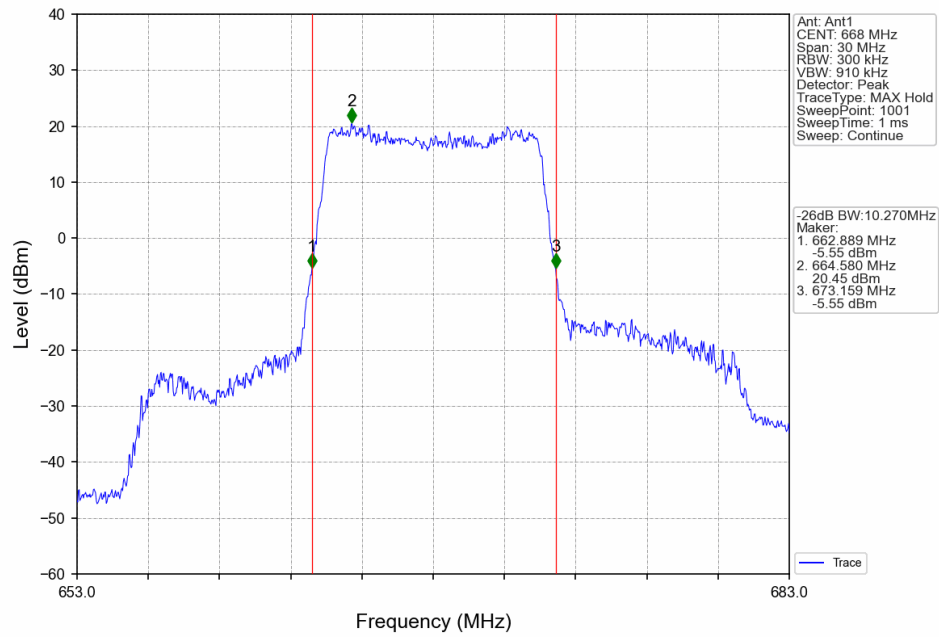
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



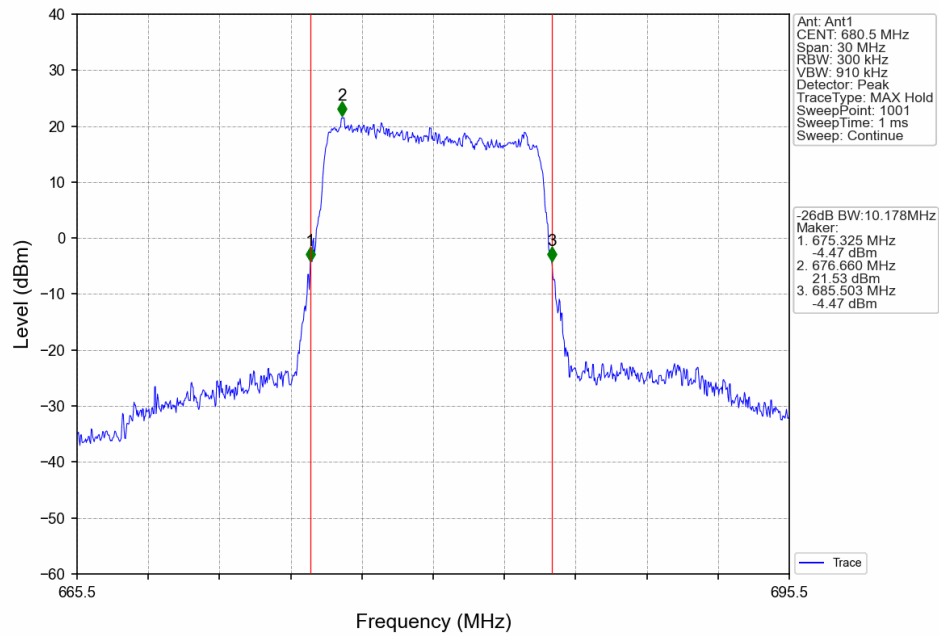
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



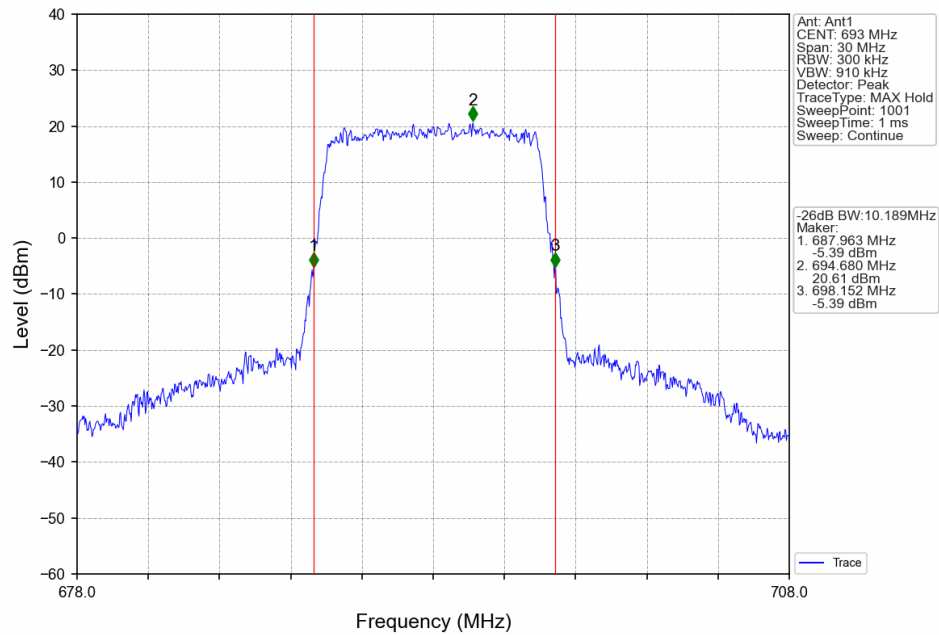
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



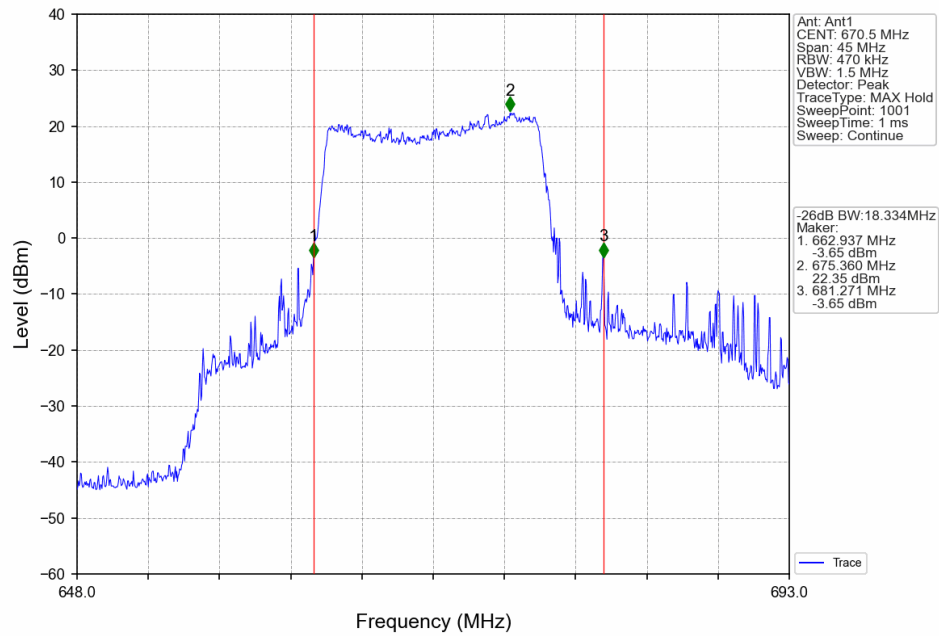
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



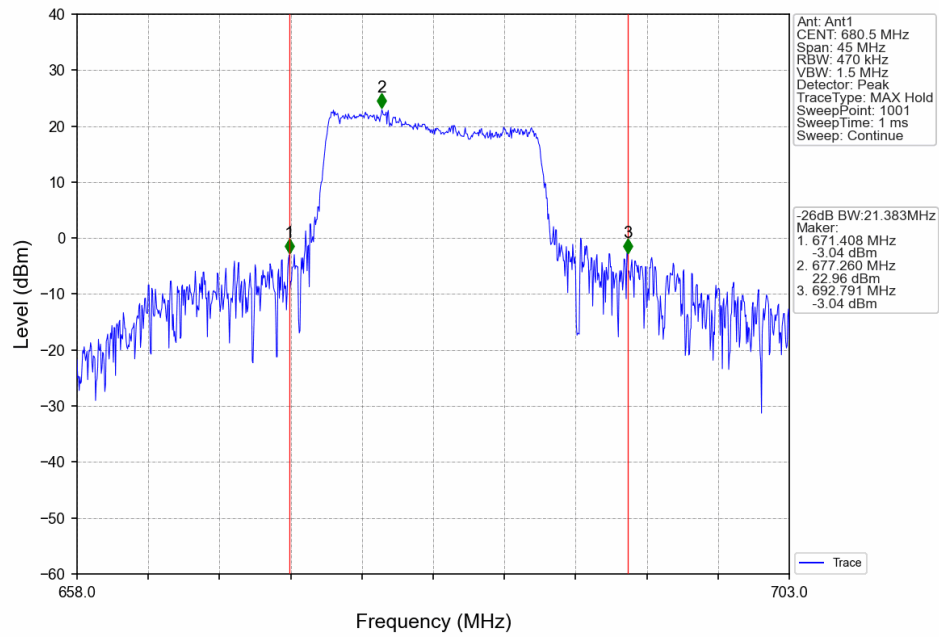
Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



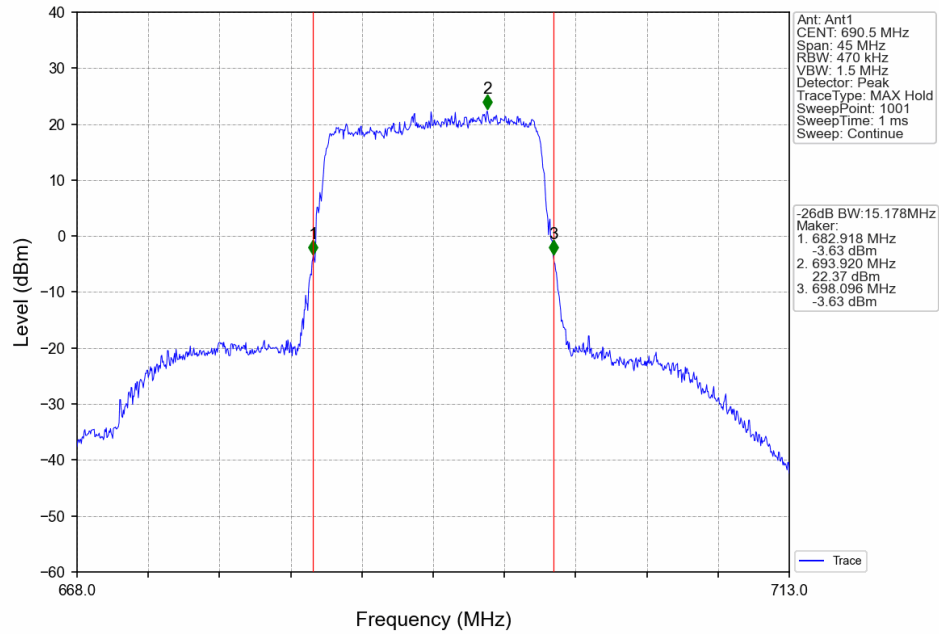
Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



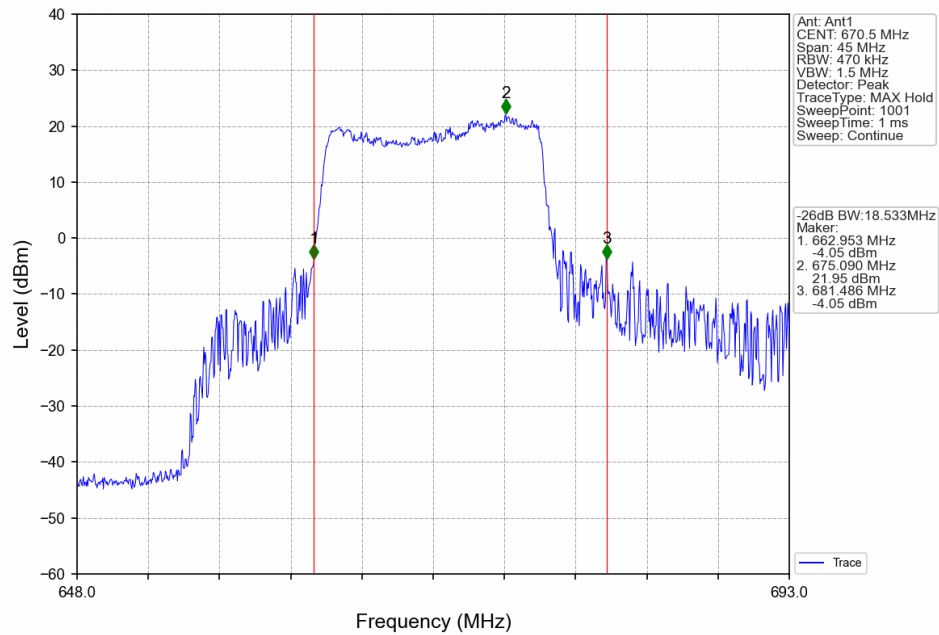
Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



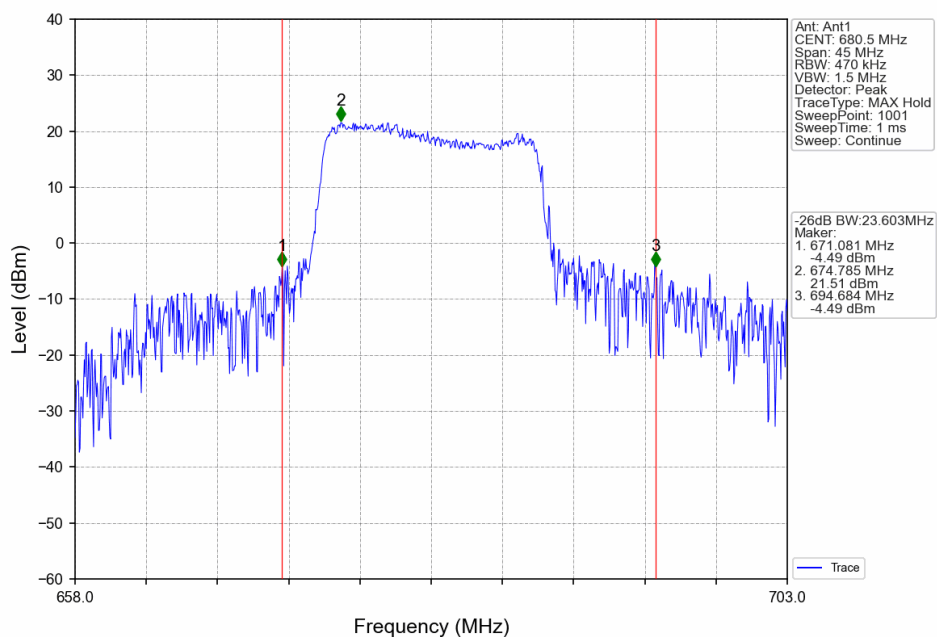
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



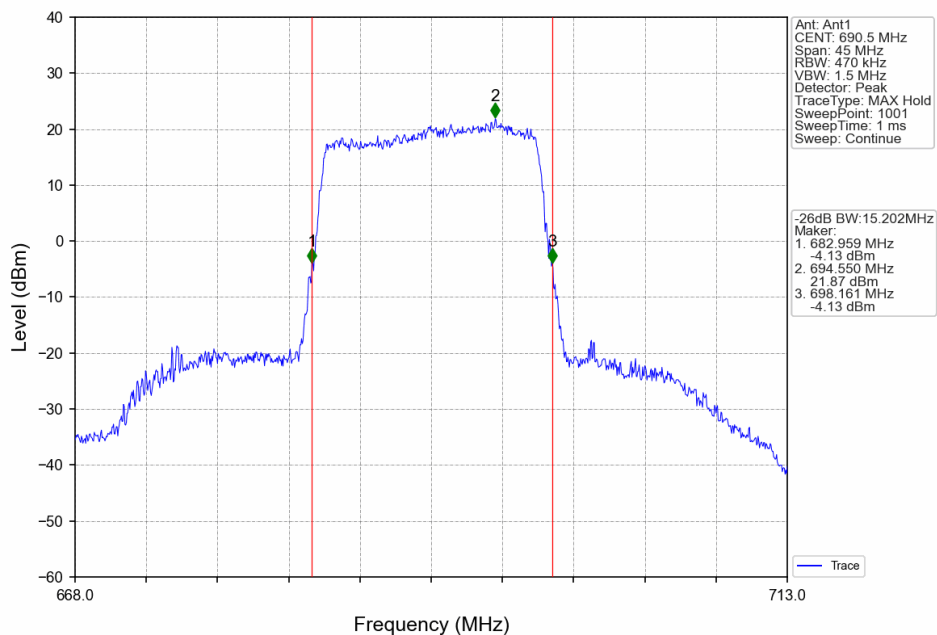
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



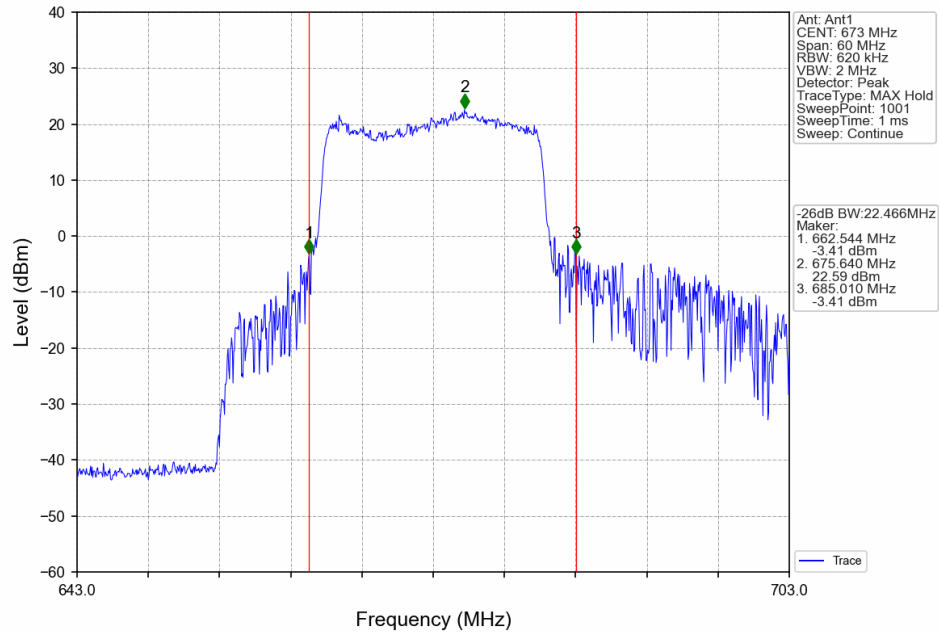
Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



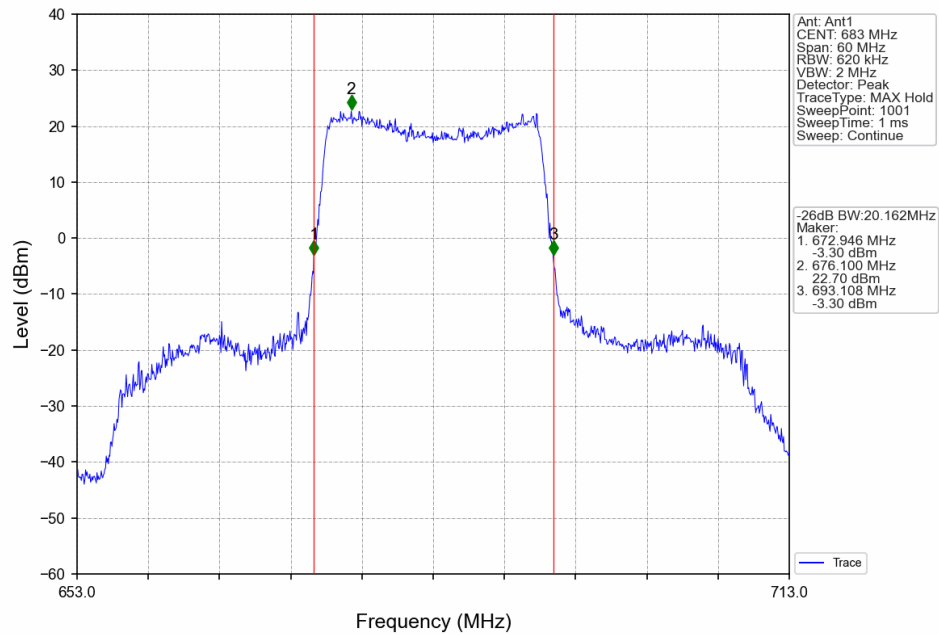
Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



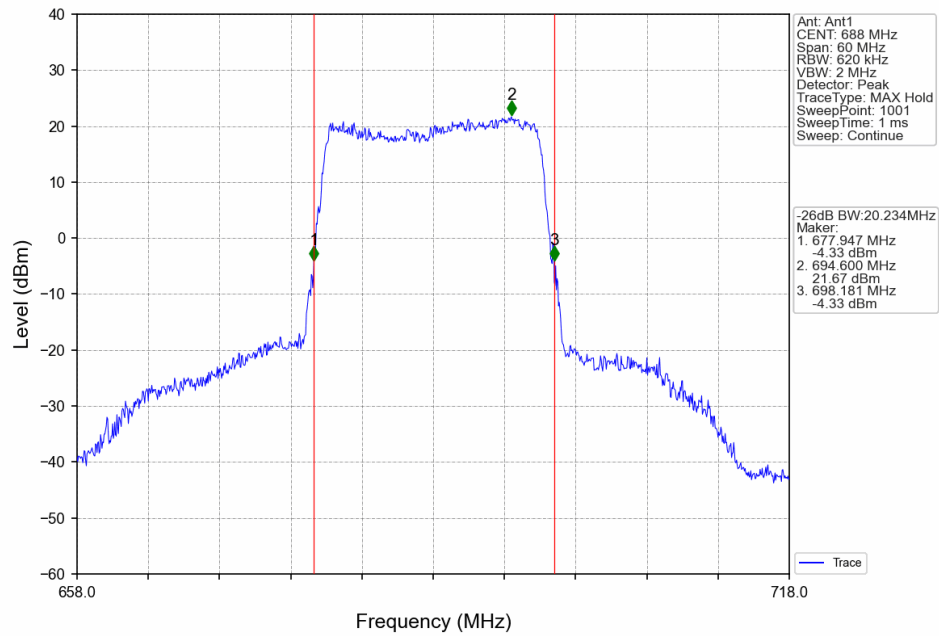
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



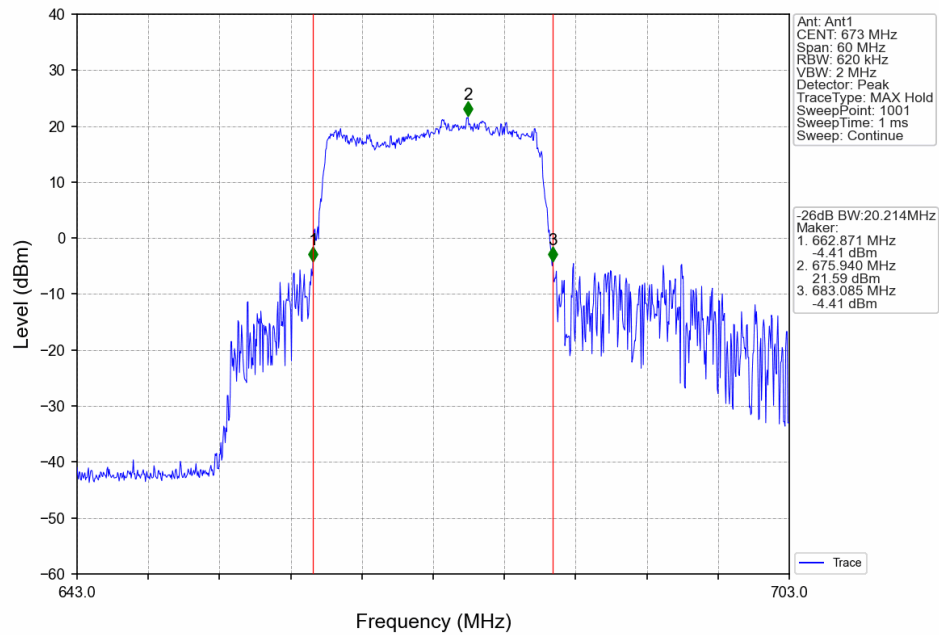
Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV



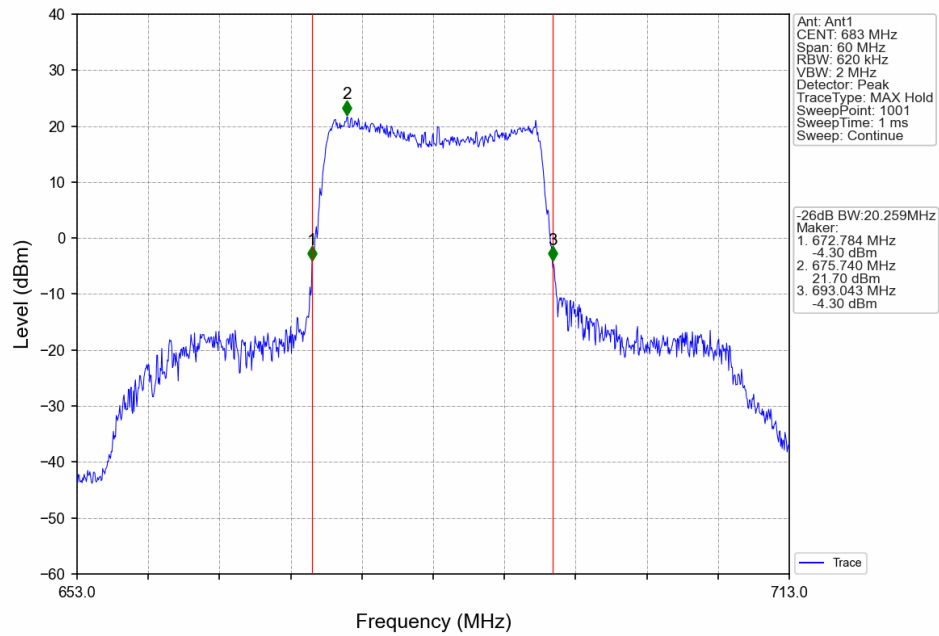
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



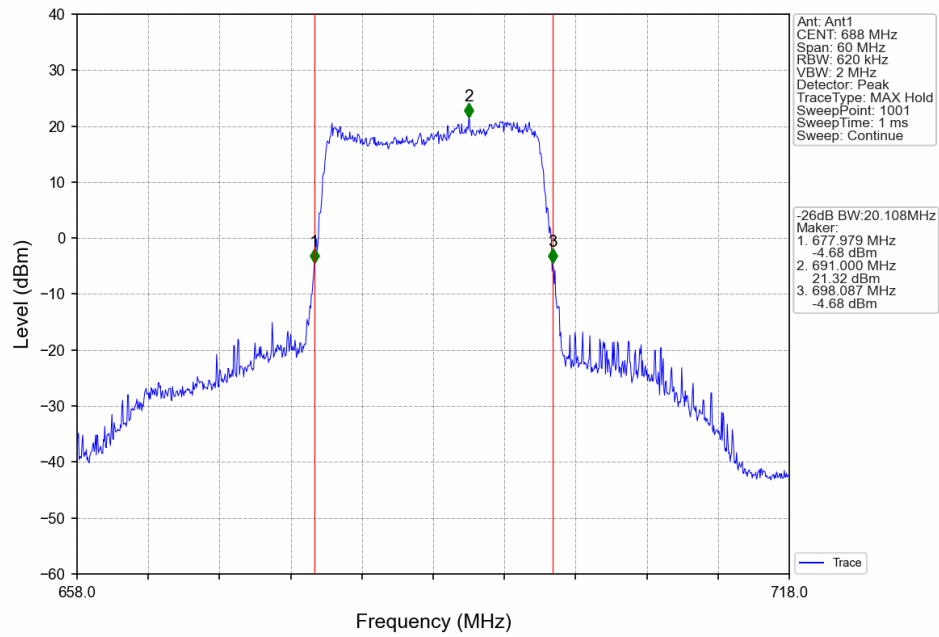
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_16QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



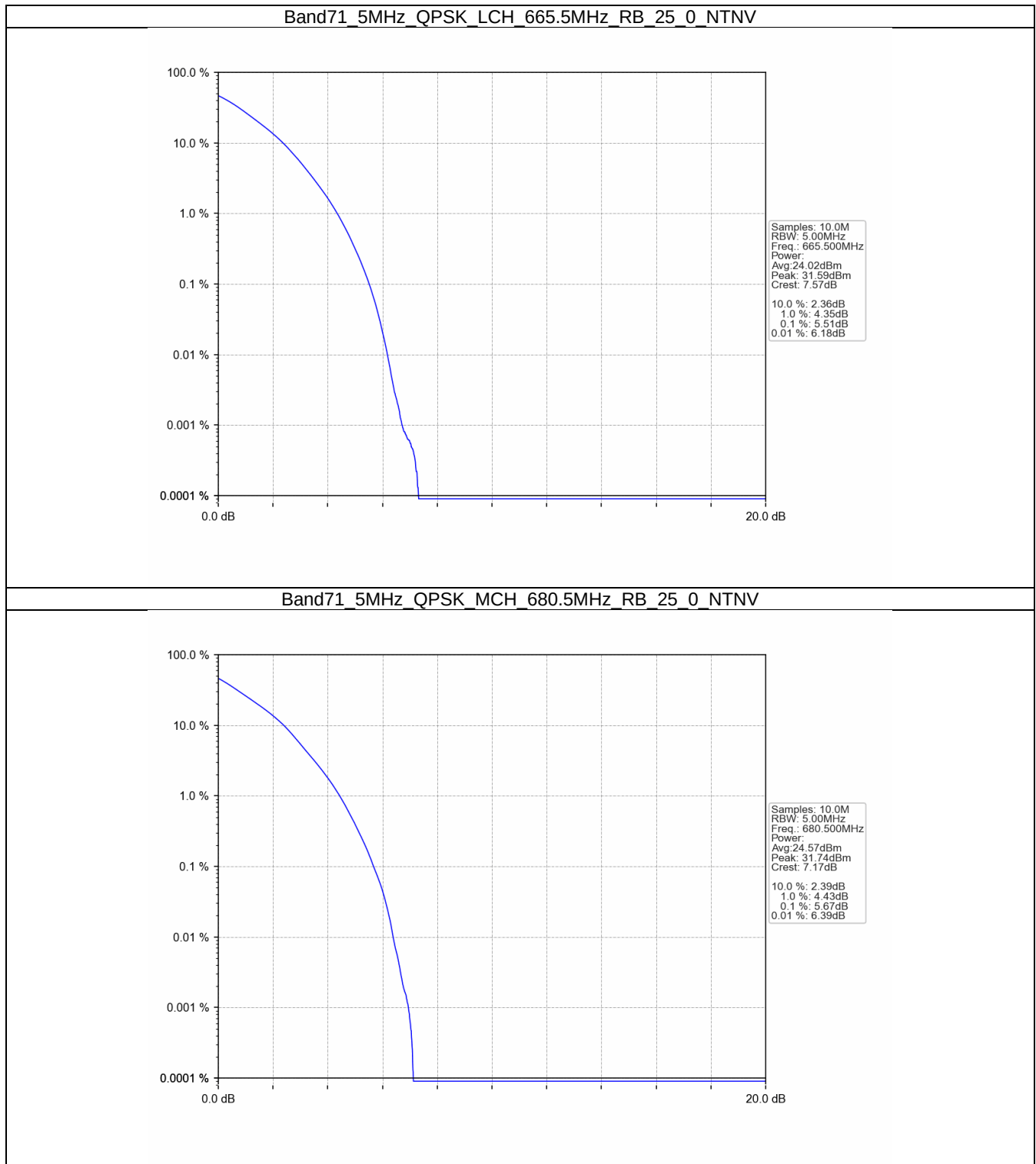
## 5. Peak-Average Ratio

### 5.1 B71\_5MHz

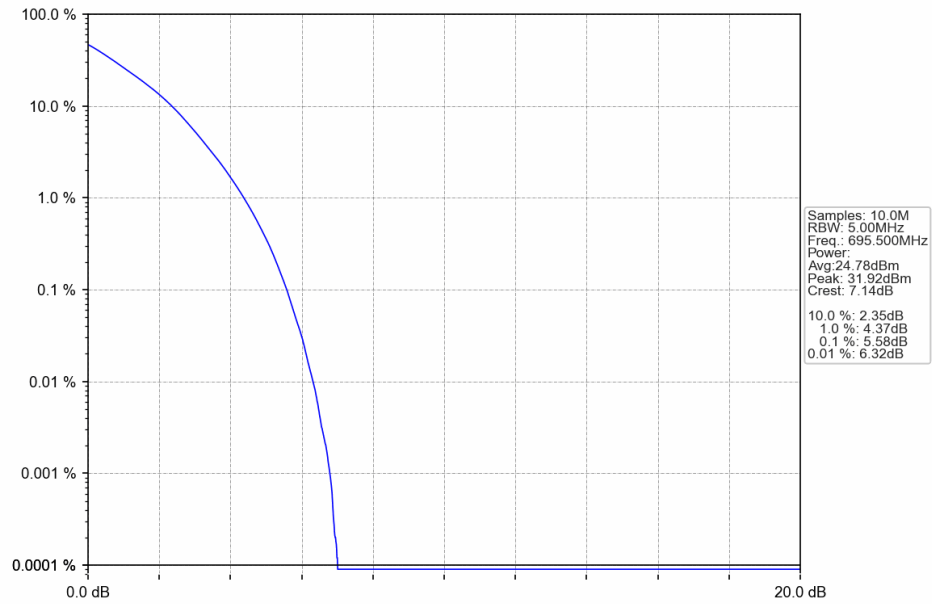
#### 5.1.1 Test Result

| Band: 71 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 665.5           | 25            | 0      | 5.51                    | <=13  | Pass    |
|                                   | 680.5           | 25            | 0      | 5.67                    | <=13  | Pass    |
|                                   | 695.5           | 25            | 0      | 5.58                    | <=13  | Pass    |
| 16QAM                             | 665.5           | 25            | 0      | 6.17                    | <=13  | Pass    |
|                                   | 680.5           | 25            | 0      | 6.41                    | <=13  | Pass    |
|                                   | 695.5           | 25            | 0      | 6.18                    | <=13  | Pass    |

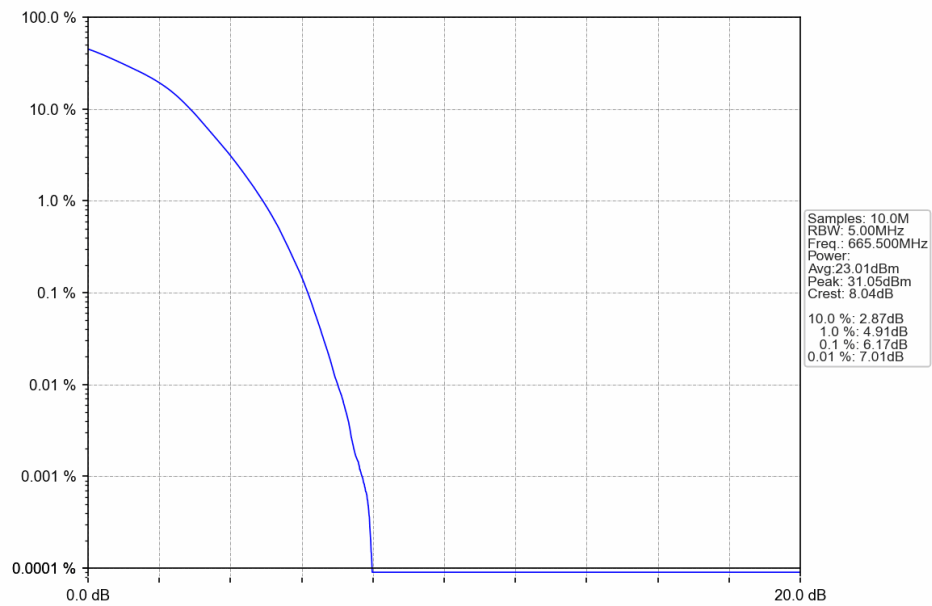
### 5.1.2 Test Graph



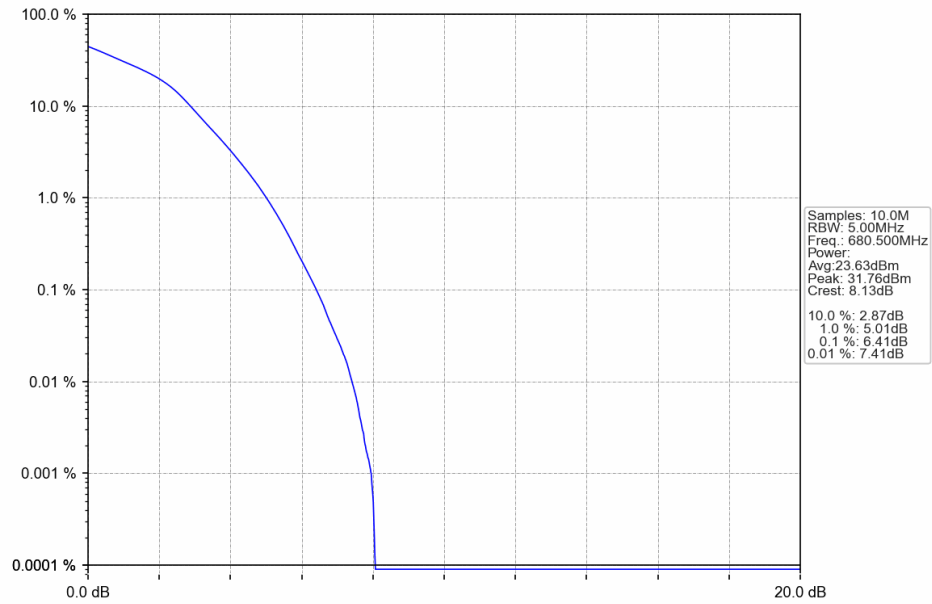
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



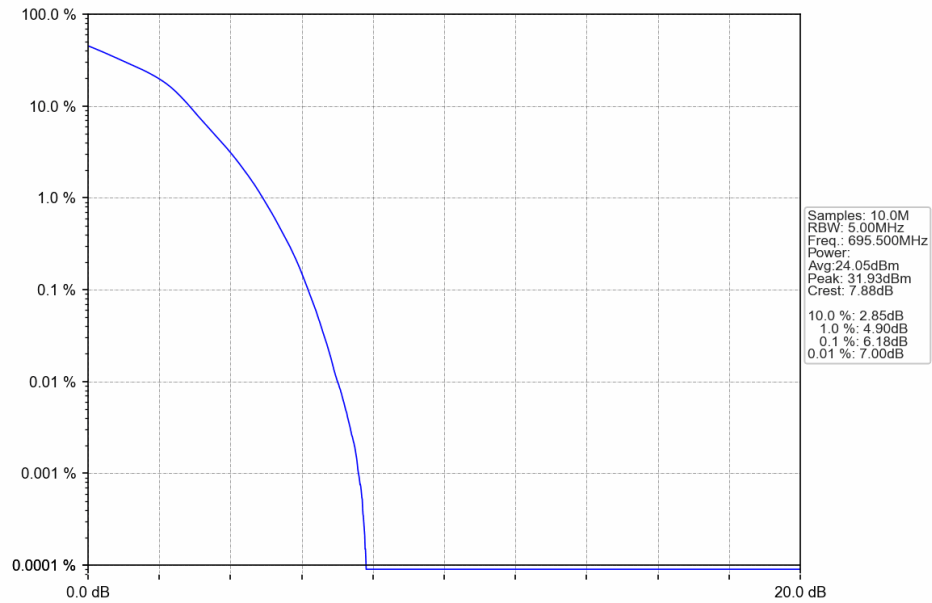
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV

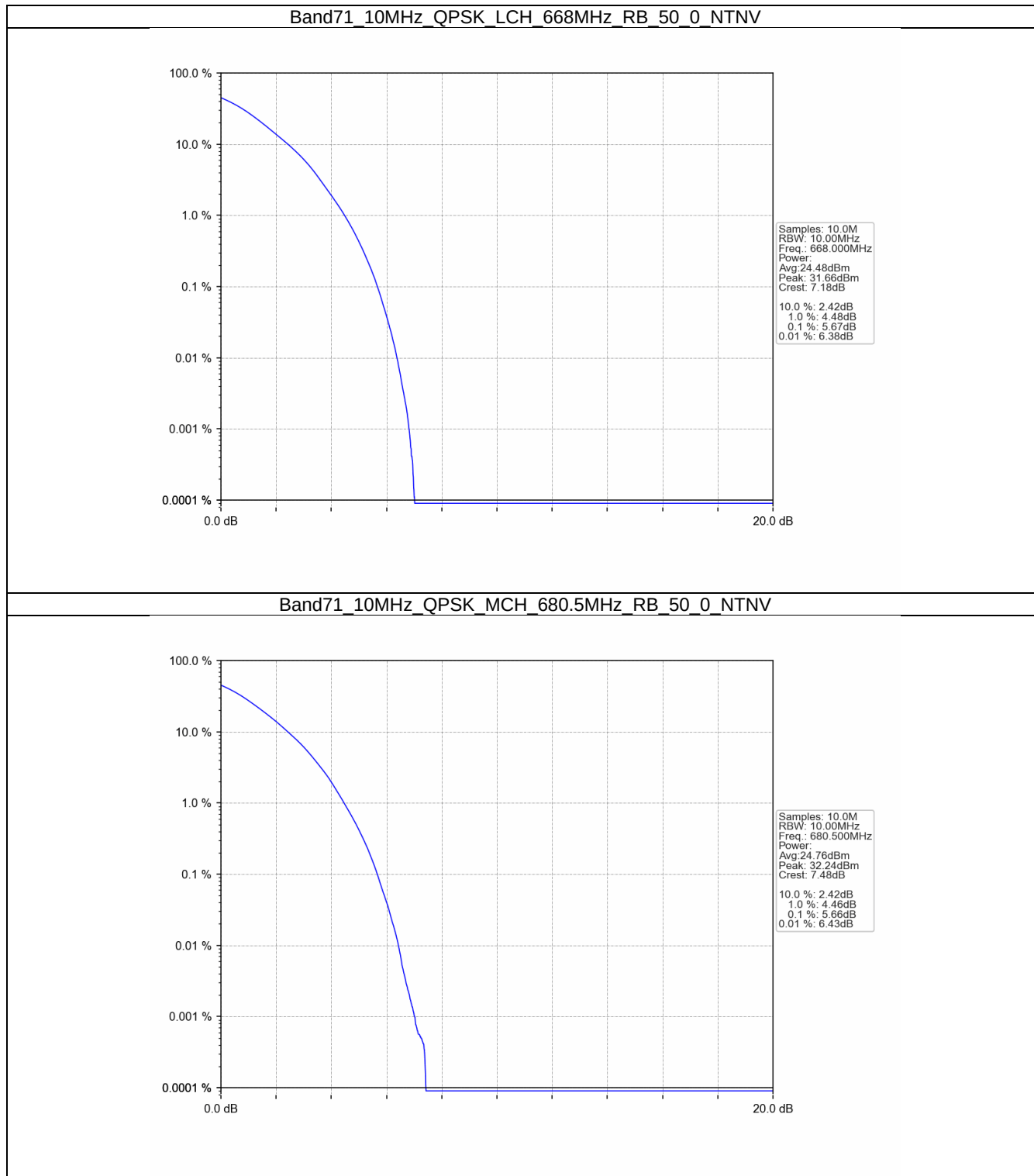


## 5.2 B71\_10MHz

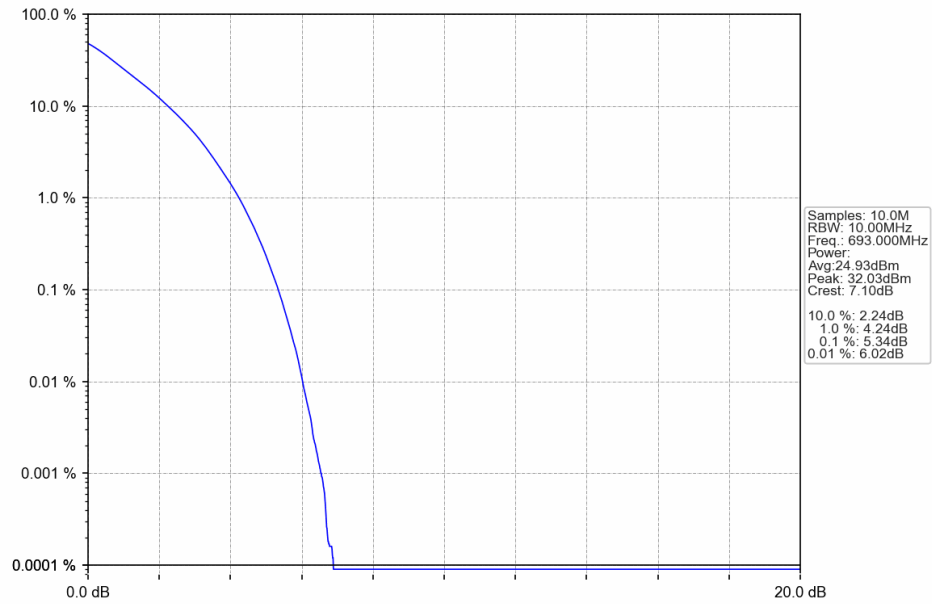
### 5.2.1 Test Result

| Band: 71 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 668             | 50            | 0      | 5.67                    | <=13  | Pass    |
|                                    | 680.5           | 50            | 0      | 5.66                    | <=13  | Pass    |
|                                    | 693             | 50            | 0      | 5.34                    | <=13  | Pass    |
| 16QAM                              | 668             | 50            | 0      | 6.32                    | <=13  | Pass    |
|                                    | 680.5           | 50            | 0      | 6.40                    | <=13  | Pass    |
|                                    | 693             | 50            | 0      | 6.08                    | <=13  | Pass    |

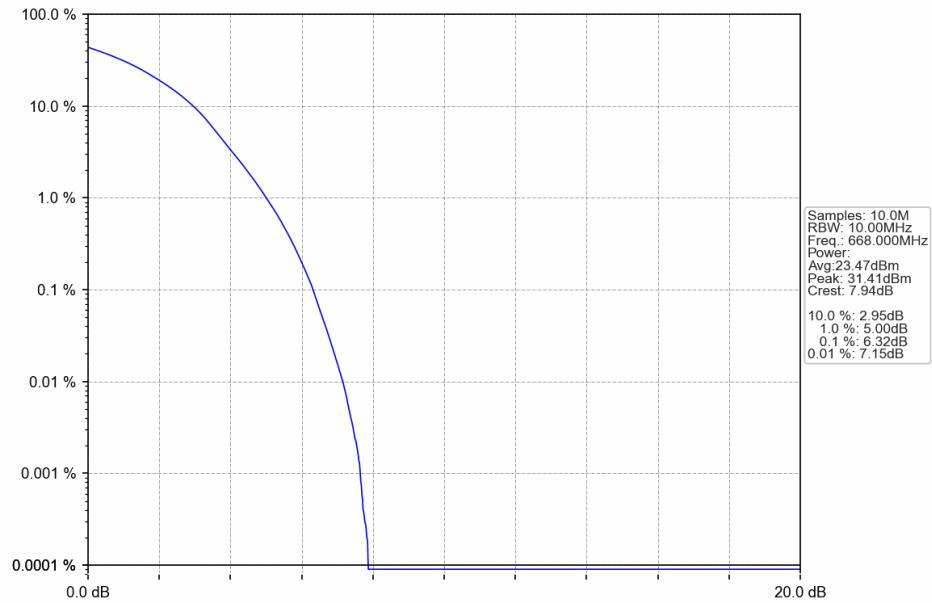
## 5.2.2 Test Graph



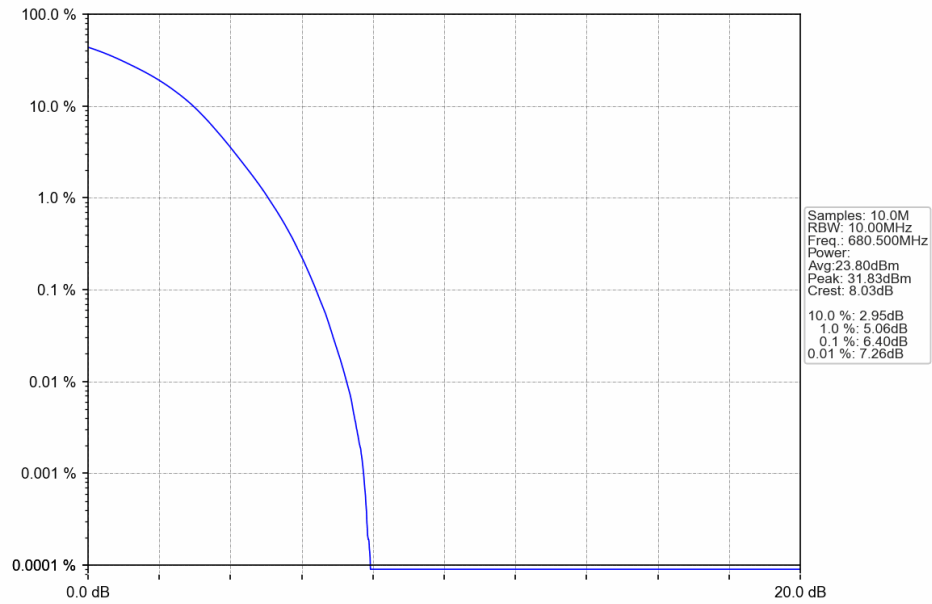
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



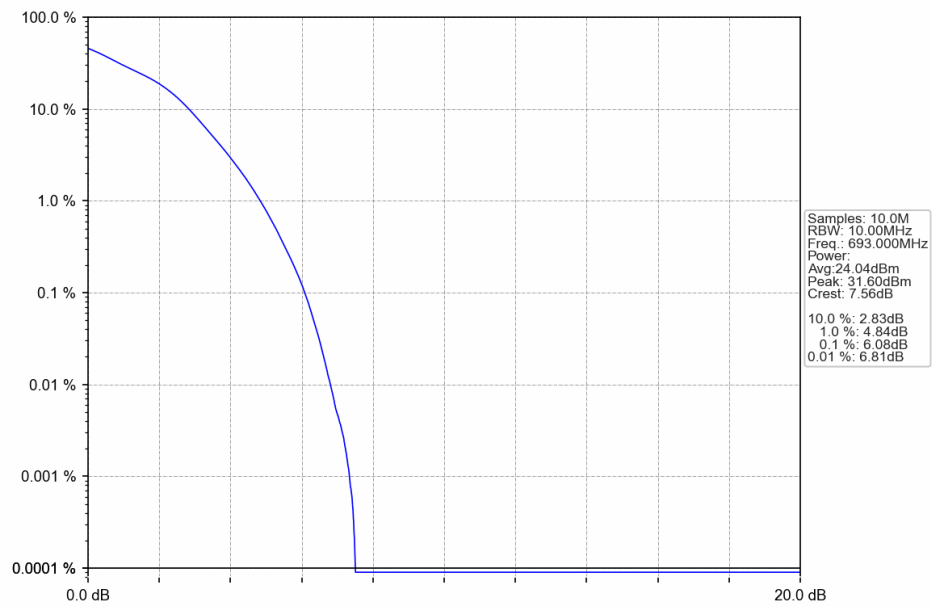
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV

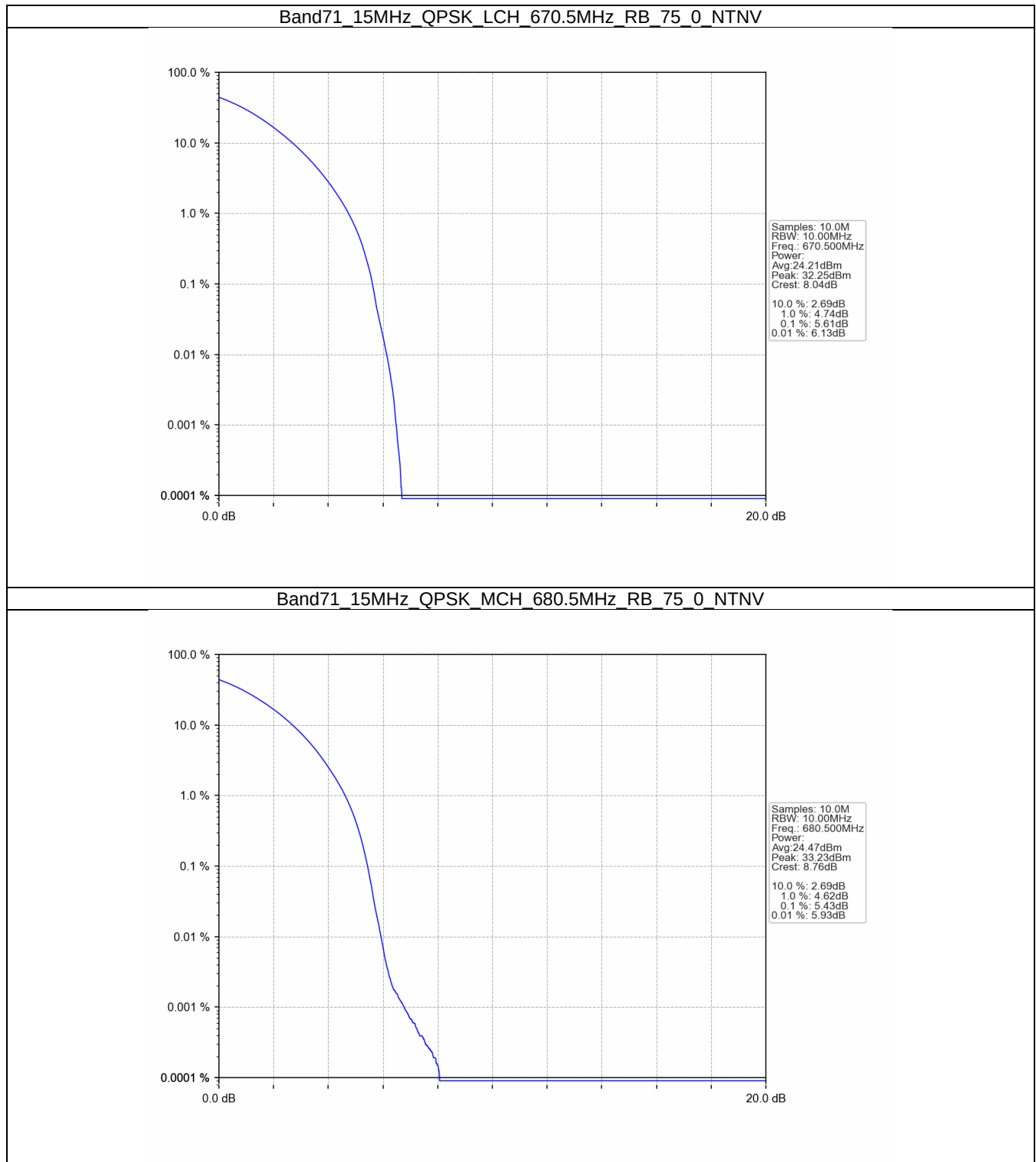


## 5.3 B71\_15MHz

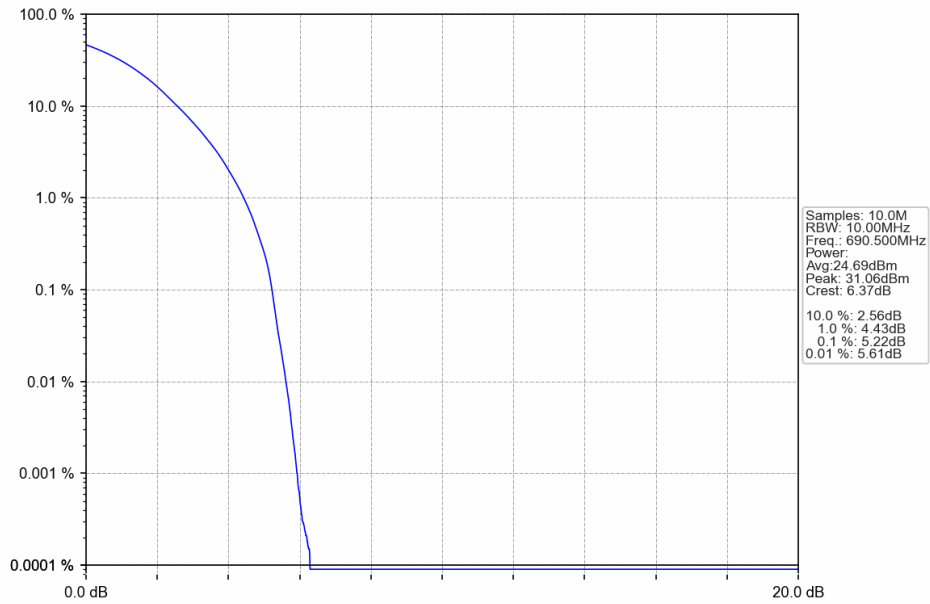
## 5.3.1 Test Result

| Band: 71 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 670.5           | 75            | 0      | 5.61                    | <=13  | Pass    |
|                                    | 680.5           | 75            | 0      | 5.43                    | <=13  | Pass    |
|                                    | 690.5           | 75            | 0      | 5.22                    | <=13  | Pass    |
| 16QAM                              | 670.5           | 75            | 0      | 6.27                    | <=13  | Pass    |
|                                    | 680.5           | 75            | 0      | 6.25                    | <=13  | Pass    |
|                                    | 690.5           | 75            | 0      | 6.05                    | <=13  | Pass    |

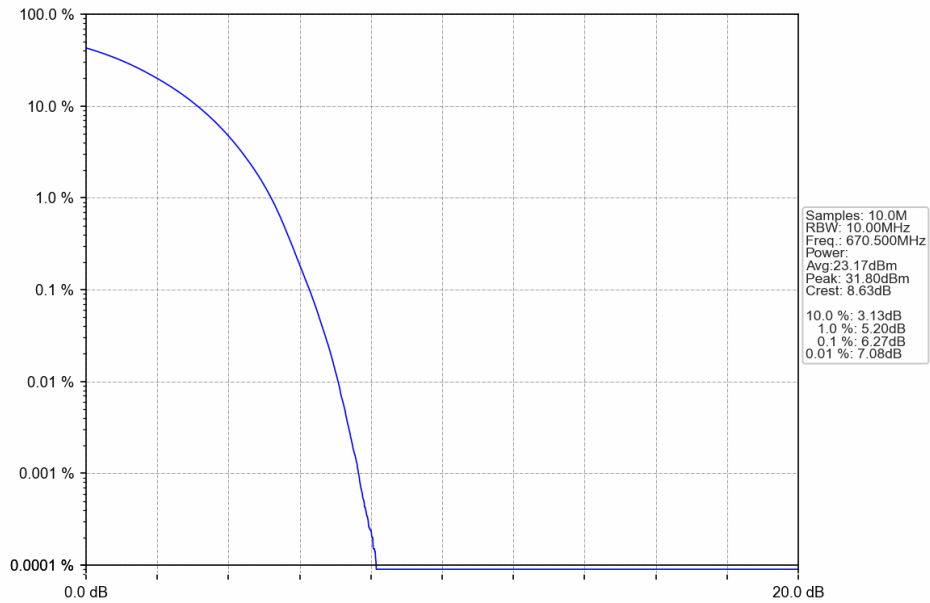
### 5.3.2 Test Graph



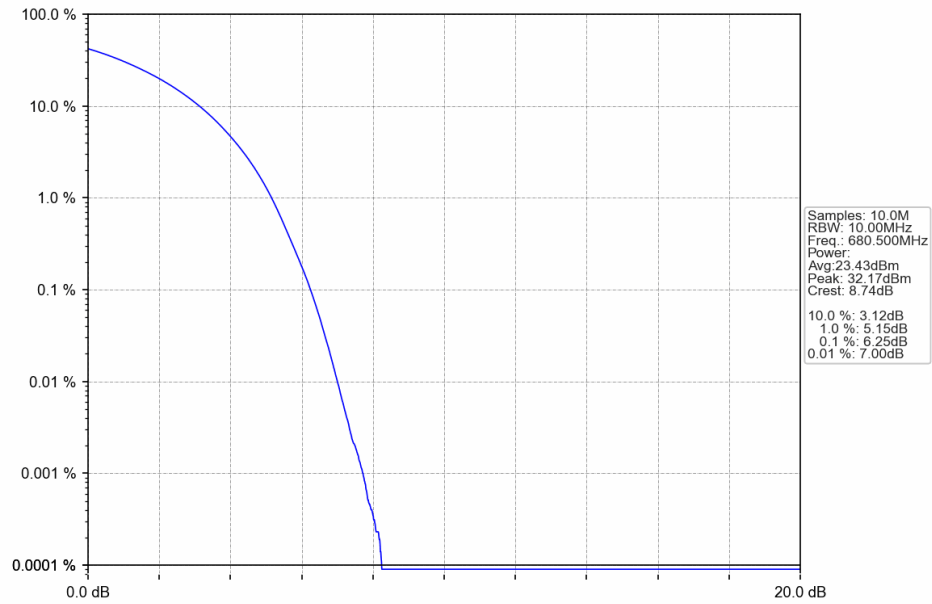
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



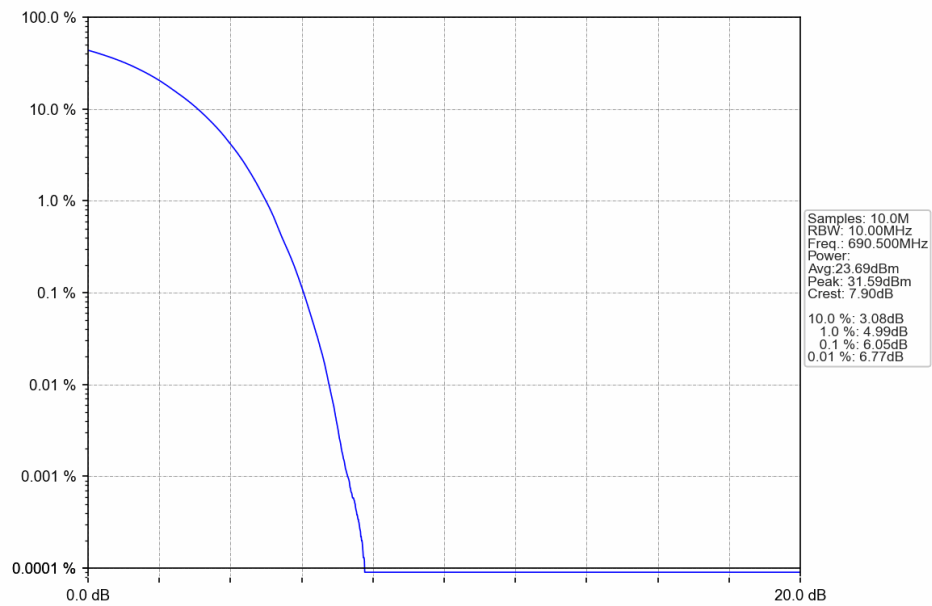
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV

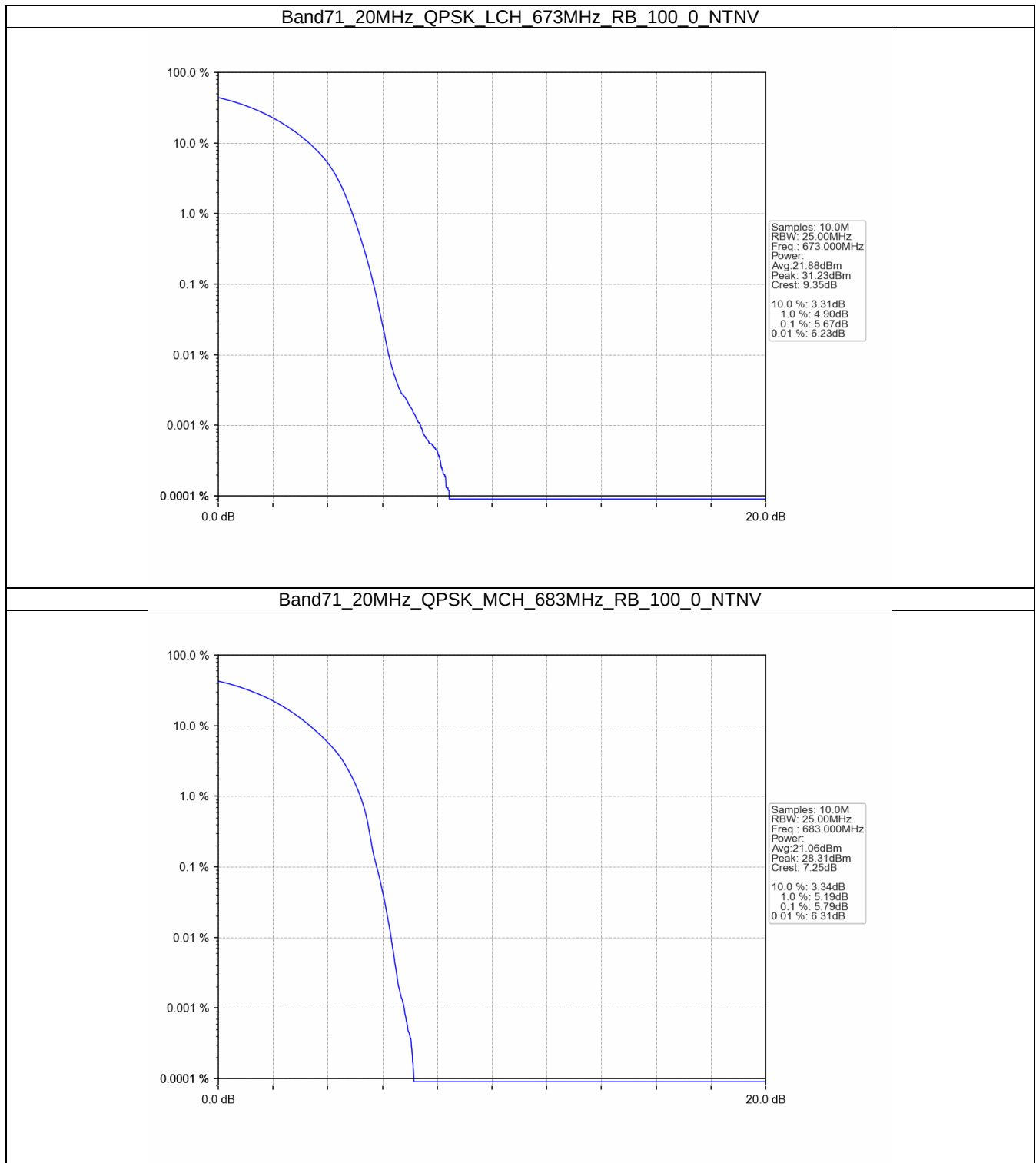


## 5.4 B71\_20MHz

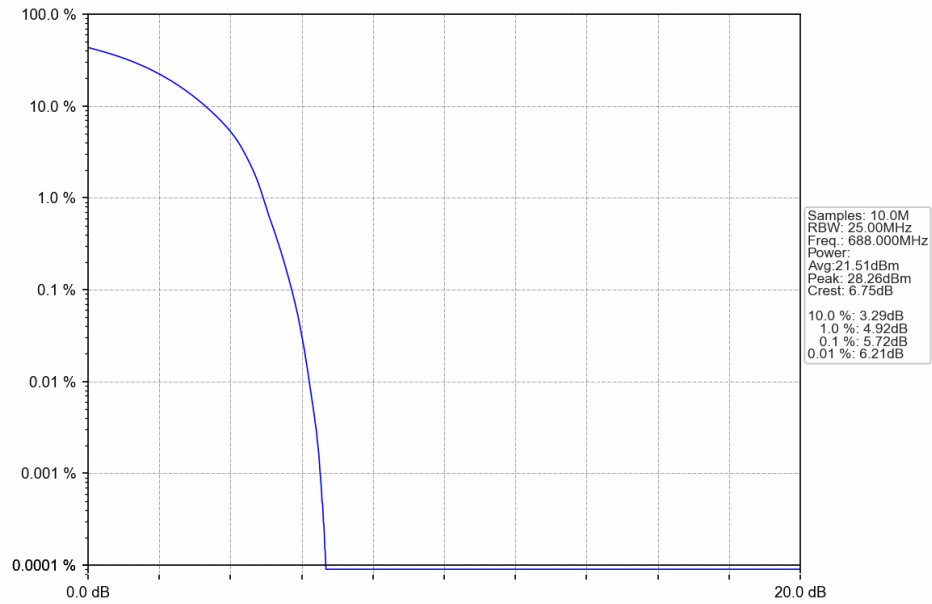
### 5.4.1 Test Result

| Band: 71 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 673             | 100           | 0      | 5.67                    | <=13  | Pass    |
|                                    | 683             | 100           | 0      | 5.79                    | <=13  | Pass    |
|                                    | 688             | 100           | 0      | 5.72                    | <=13  | Pass    |
| 16QAM                              | 673             | 100           | 0      | 6.67                    | <=13  | Pass    |
|                                    | 683             | 100           | 0      | 6.79                    | <=13  | Pass    |
|                                    | 688             | 100           | 0      | 6.68                    | <=13  | Pass    |

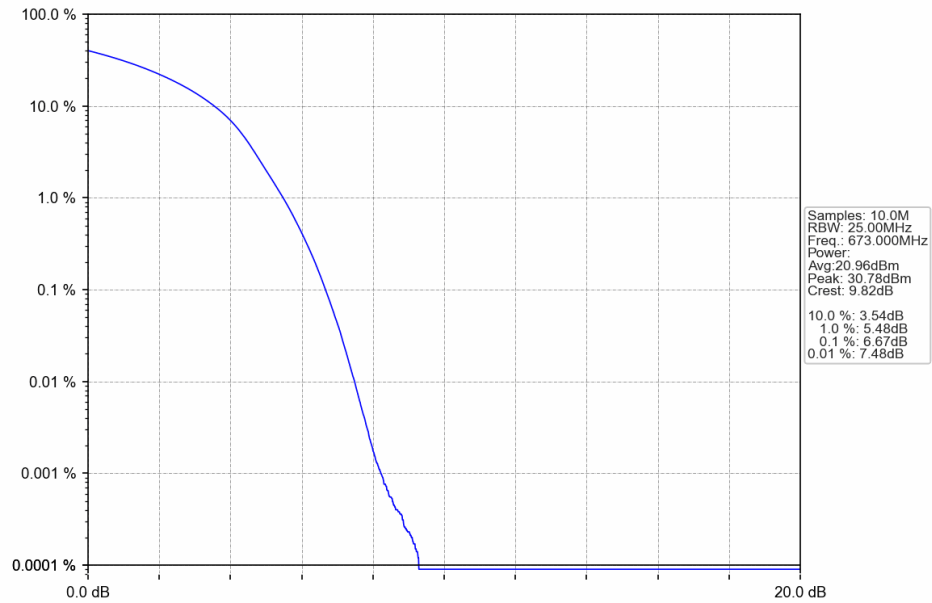
## 5.4.2 Test Graph



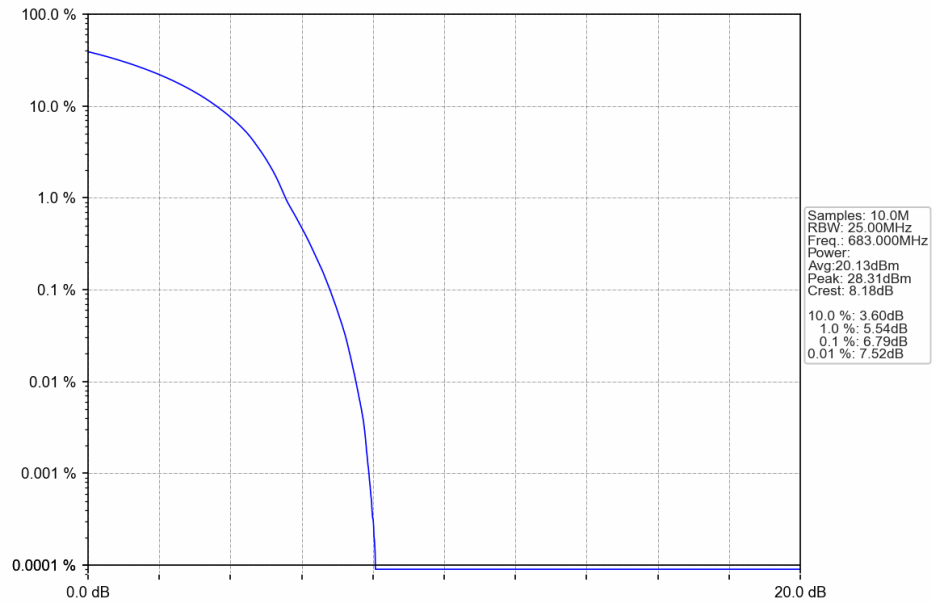
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



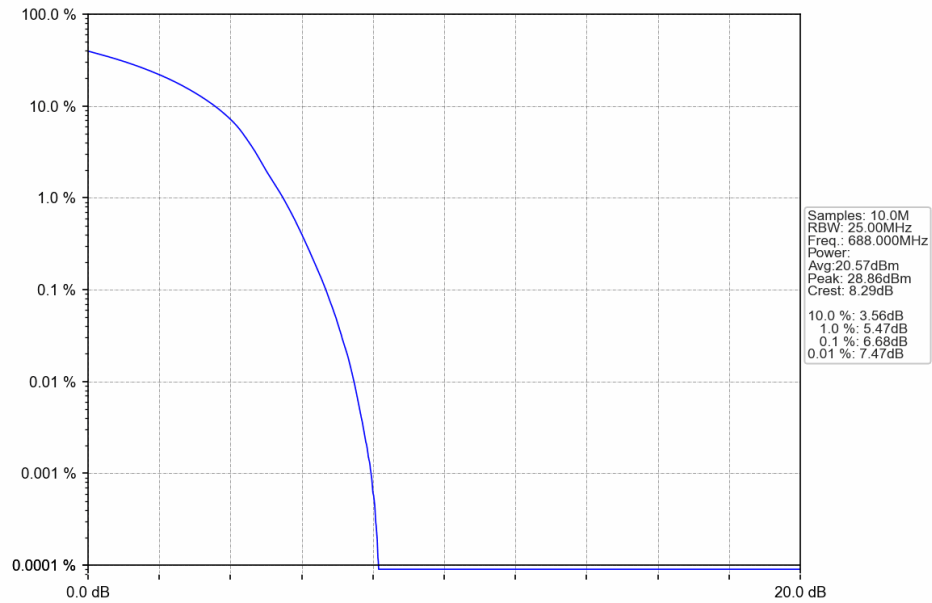
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_16QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV



Band71\_20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



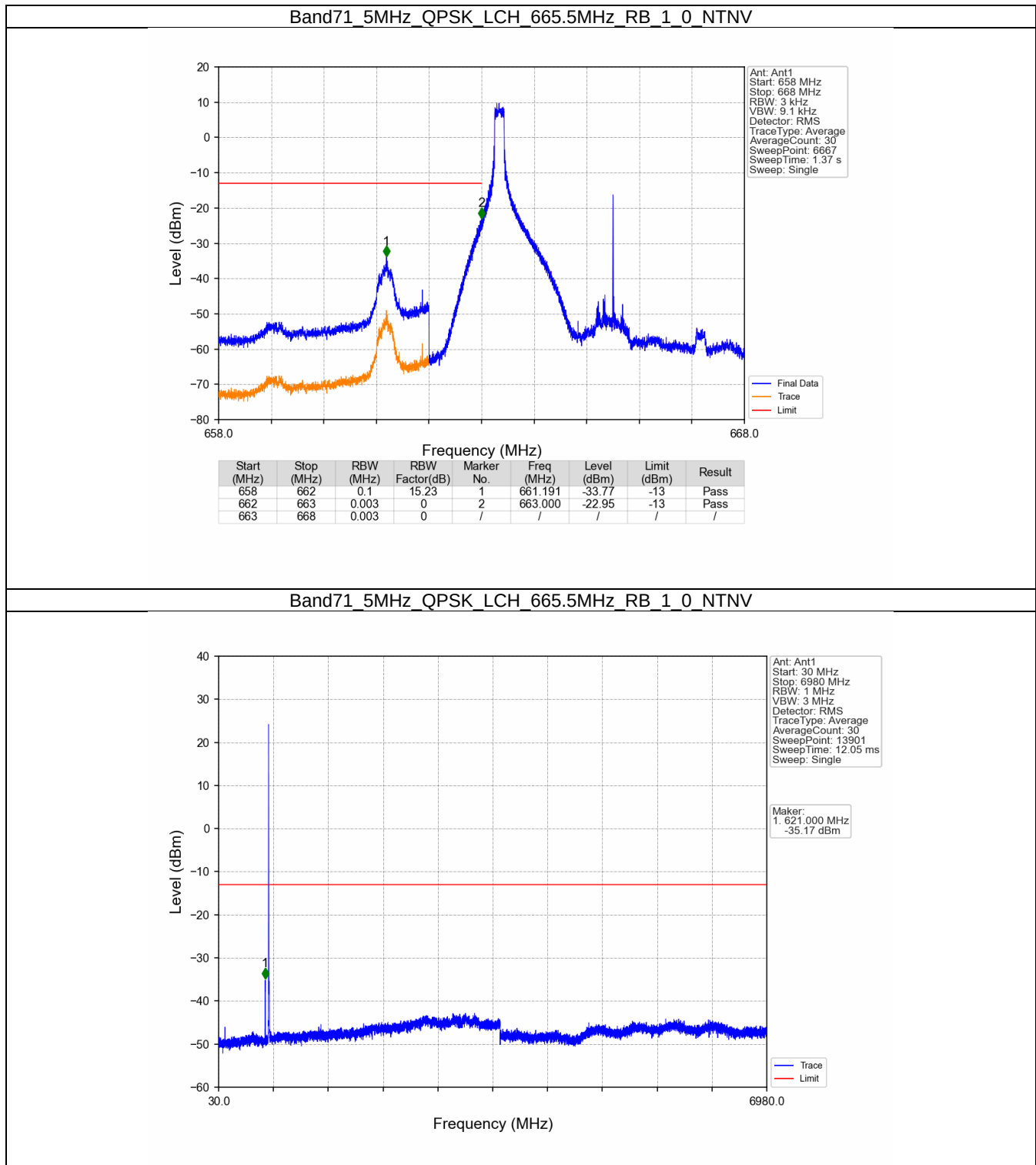
## 6. Spurious Emission

### 6.1 B71\_5MHz

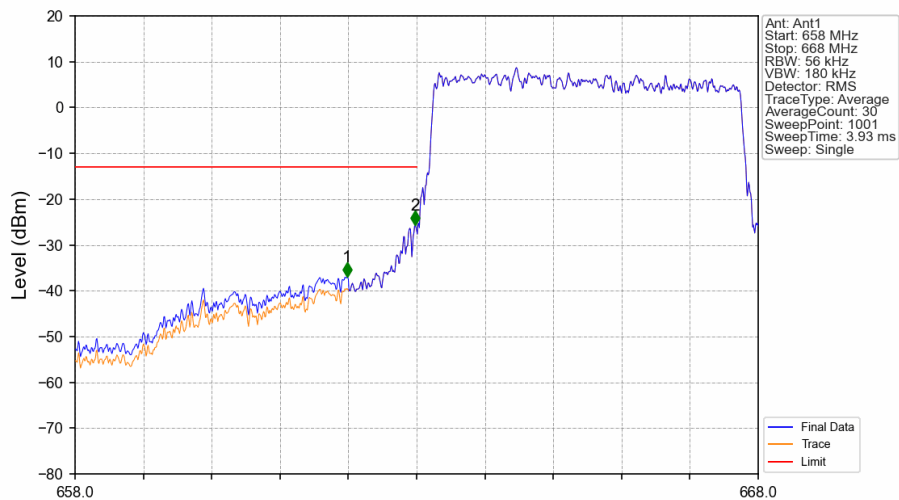
#### 6.1.1 Test Result

| Band: 71 / Bandwidth: 5MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 665.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 680.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 695.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 665.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 680.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 695.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

### 6.1.2 Test Graph

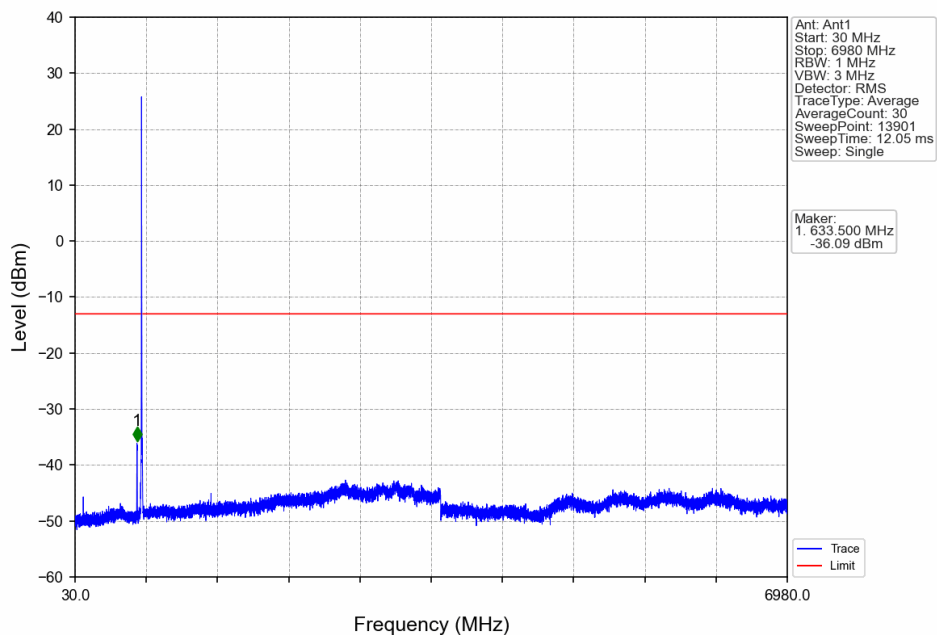


Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_25\_0\_NTNV

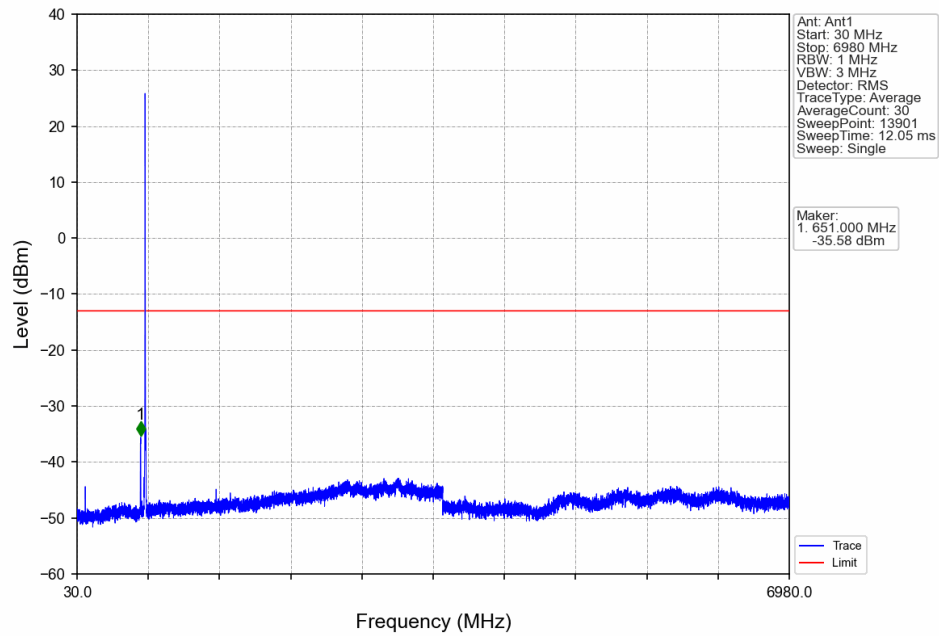


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 658         | 662        | 0.1       | 2.52           | 1          | 661.980    | -36.97      | -13         | Pass   |
| 662         | 663        | 0.056     | 0              | 2          | 662.980    | -25.73      | -13         | Pass   |
| 663         | 668        | 0.056     | 0              | /          | /          | /           | /           | /      |

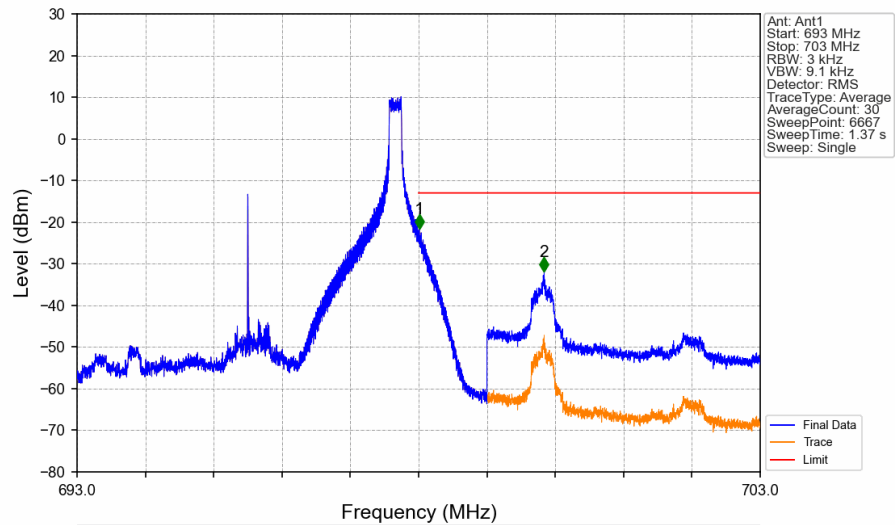
Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_0\_NTNV

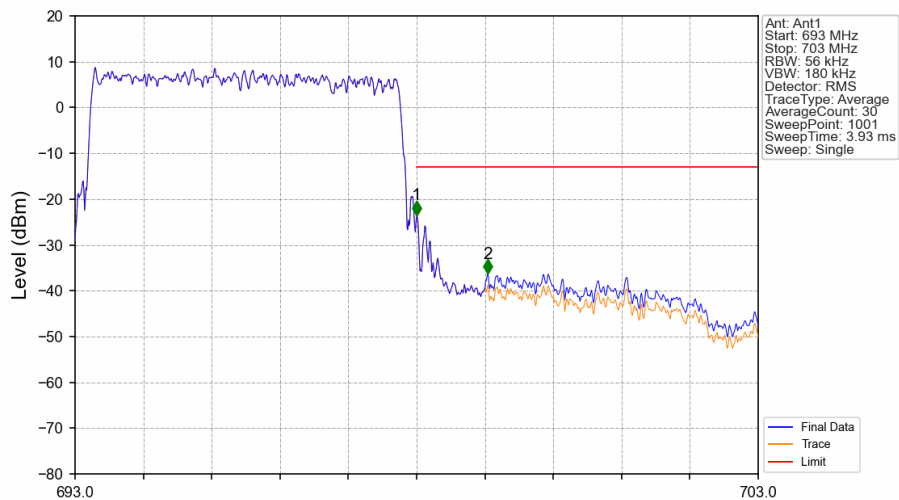


Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_24\_NTNV



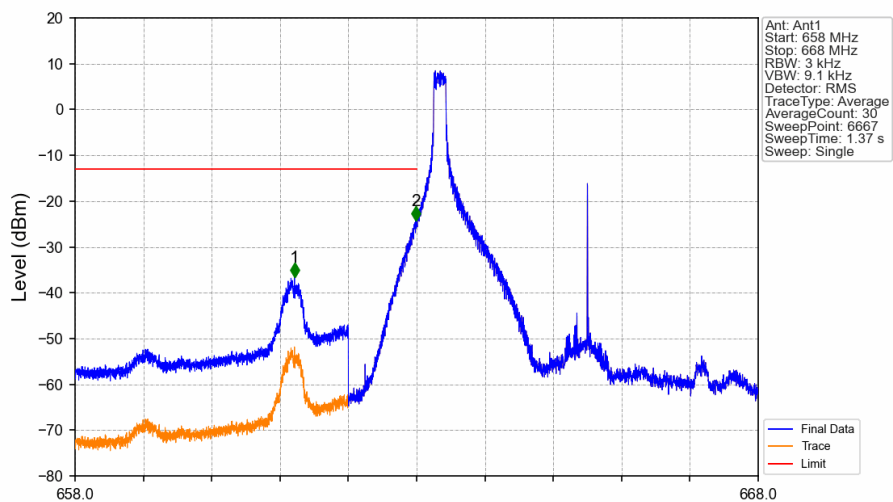
| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 693         | 698        | 0.003     | 0              | /          | /          | /           | /           | /      |
| 698         | 699        | 0.003     | 0              | 1          | 698.009    | -21.62      | -13         | Pass   |
| 699         | 703        | 0.1       | 15.23          | 2          | 699.838    | -31.95      | -13         | Pass   |

## Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



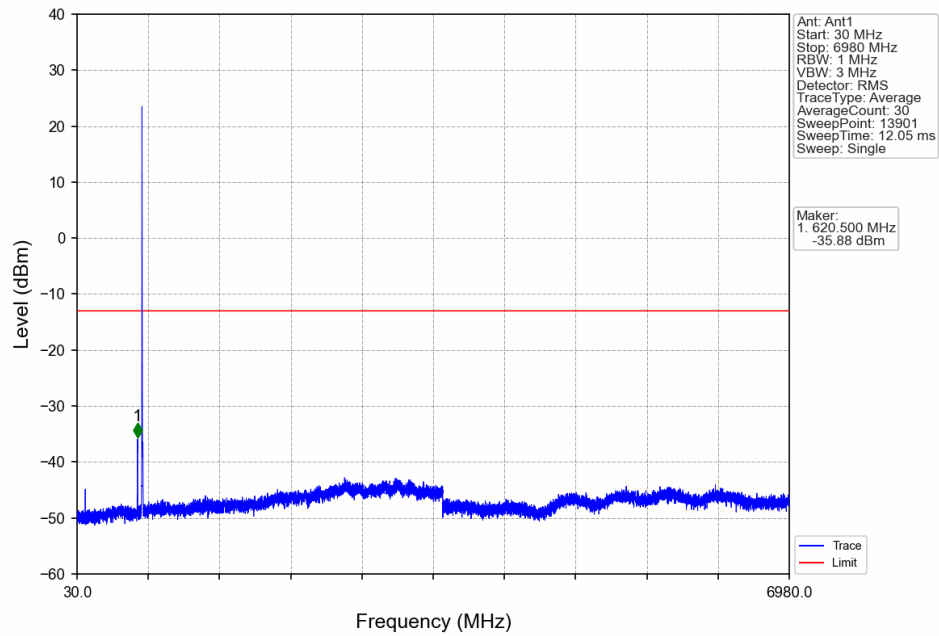
| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 693         | 698        | 0.056     | 0              | /          | /          | /           | /           | /      |
| 698         | 699        | 0.056     | 0              | 1          | 698.000    | -23.49      | -13         | Pass   |
| 699         | 703        | 0.1       | 2.52           | 2          | 699.040    | -36.27      | -13         | Pass   |

## Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_1\_0\_NTNV

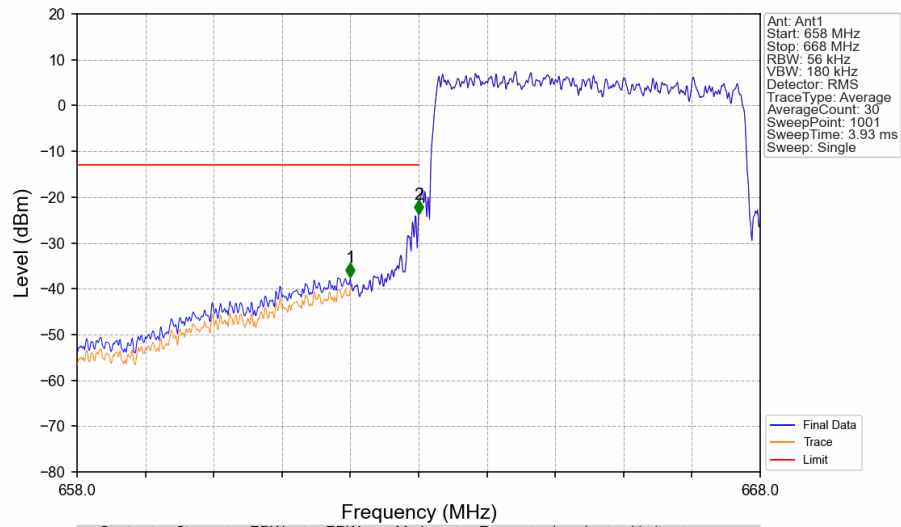


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 658         | 662        | 0.1       | 15.23          | 1          | 661.212    | -36.57      | -13         | Pass   |
| 662         | 663        | 0.003     | 0              | 2          | 662.988    | -24.22      | -13         | Pass   |
| 663         | 668        | 0.003     | 0              | /          | /          | /           | /           | /      |

Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_1\_0\_NTNV

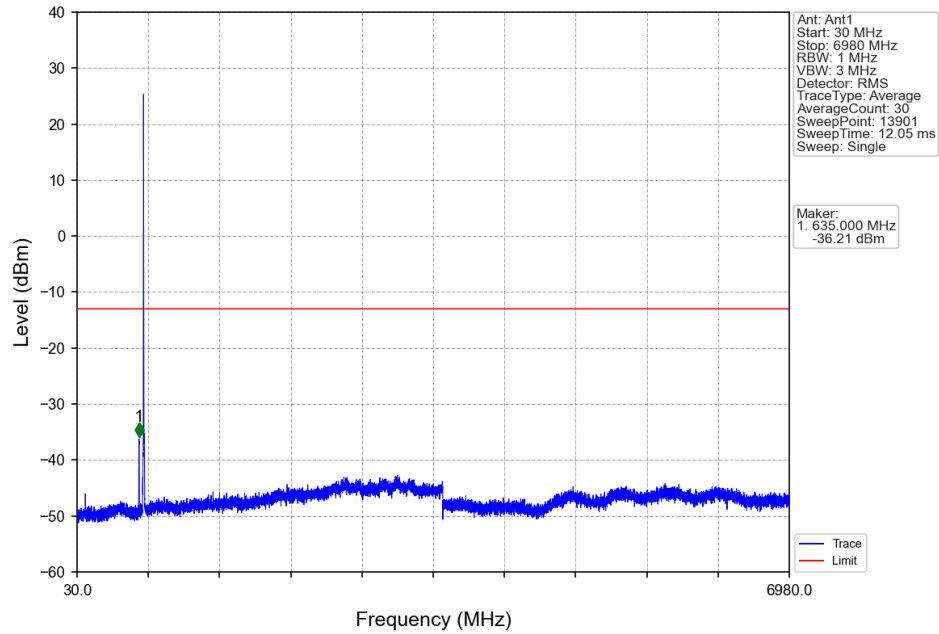


Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV

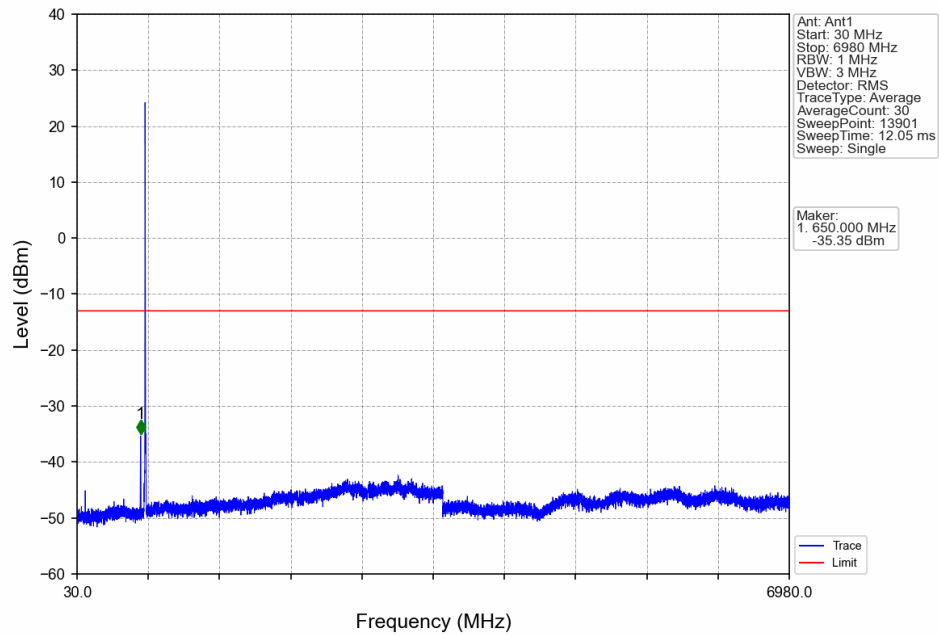


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 658         | 662        | 0.1       | 2.52           | 1          | 662.000    | -37.52      | -13         | Pass   |
| 662         | 663        | 0.056     | 0              | 2          | 663.000    | -23.79      | -13         | Pass   |
| 663         | 668        | 0.056     | 0              | /          | /          | /           | /           | /      |

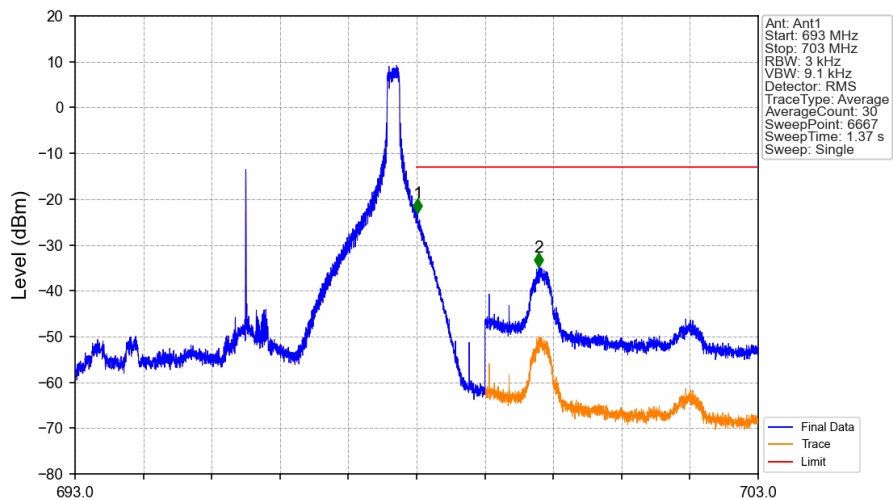
Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_1\_0\_NTNV

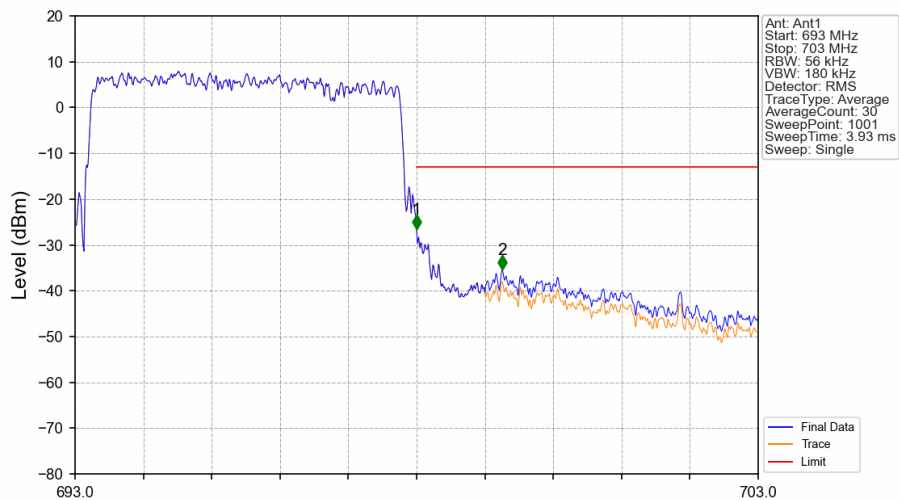


## Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_1\_24\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 693         | 698        | 0.003     | 0              | /          | /          | /           | /           | /      |
| 698         | 699        | 0.003     | 0              | 1          | 698.015    | -22.99      | -13         | Pass   |
| 699         | 703        | 0.1       | 15.23          | 2          | 699.788    | -34.80      | -13         | Pass   |

## Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 693         | 698        | 0.056     | 0              | /          | /          | /           | /           | /      |
| 698         | 699        | 0.056     | 0              | 1          | 698.000    | -26.54      | -13         | Pass   |
| 699         | 703        | 0.1       | 2.52           | 2          | 699.250    | -35.45      | -13         | Pass   |

## 6.2 B71\_10MHz

### 6.2.1 Test Result

| Band: 71 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 668             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 680.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 693             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 668             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 680.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 693             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

## 6.2.2 Test Graph

