

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B71\_5MHz\_ERP

| Band: 71 / Bandwidth: 5MHz / NTV             |                 |               |        |                       |            |           |         |         |
|----------------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                                   | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                              |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                         | 665.5           | 1             | 0      | 22.70                 | -4.90      | 15.65     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.88                 | -4.90      | 15.83     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 22.58                 | -4.90      | 15.53     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 21.79                 | -4.90      | 14.74     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 21.76                 | -4.90      | 14.71     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.64                 | -4.90      | 14.59     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 21.71                 | -4.90      | 14.66     | <=34.77 | Pass    |
|                                              | 680.5           | 1             | 0      | 22.89                 | -4.90      | 15.84     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.90                 | -4.90      | 15.85     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 22.56                 | -4.90      | 15.51     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 21.85                 | -4.90      | 14.80     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 21.80                 | -4.90      | 14.75     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.77                 | -4.90      | 14.72     | <=34.77 | Pass    |
|                                              | 25              | 0             | 21.73  | -4.90                 | 14.68      | <=34.77   | Pass    |         |
|                                              | 695.5           | 1             | 0      | 22.73                 | -4.90      | 15.68     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 23.02                 | -4.90      | 15.97     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 22.63                 | -4.90      | 15.58     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 21.76                 | -4.90      | 14.71     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 21.79                 | -4.90      | 14.74     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.75                 | -4.90      | 14.70     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 21.72                 | -4.90      | 14.67     | <=34.77 | Pass    |
| 16QAM                                        |                 | 665.5         | 1      | 0                     | 21.53      | -4.90     | 14.48   | <=34.77 |
|                                              | 13              |               |        | 21.39                 | -4.90      | 14.34     | <=34.77 | Pass    |
|                                              | 24              |               |        | 21.19                 | -4.90      | 14.14     | <=34.77 | Pass    |
|                                              | 12              |               | 0      | 20.58                 | -4.90      | 13.53     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 20.78                 | -4.90      | 13.73     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 20.65                 | -4.90      | 13.60     | <=34.77 | Pass    |
|                                              | 25              |               | 0      | 20.70                 | -4.90      | 13.65     | <=34.77 | Pass    |
|                                              | 680.5           | 1             | 0      | 21.63                 | -4.90      | 14.58     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.67                 | -4.90      | 14.62     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 21.24                 | -4.90      | 14.19     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 20.79                 | -4.90      | 13.74     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 20.80                 | -4.90      | 13.75     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 20.75                 | -4.90      | 13.70     | <=34.77 | Pass    |
|                                              | 25              | 0             | 20.56  | -4.90                 | 13.51      | <=34.77   | Pass    |         |
|                                              | 695.5           | 1             | 0      | 21.66                 | -4.90      | 14.61     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.26                 | -4.90      | 14.21     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 21.52                 | -4.90      | 14.47     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 20.70                 | -4.90      | 13.65     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 20.72                 | -4.90      | 13.67     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 20.70                 | -4.90      | 13.65     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 20.67                 | -4.90      | 13.62     | <=34.77 | Pass    |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |                 |               |        |                       |            |           |         |         |

### 1.1.2 B71\_10MHz\_ERP

| Band: 71 / Bandwidth: 10MHz / NTNV |
|------------------------------------|
|------------------------------------|

| Modulation                                   | Frequency<br>(MHz) | RB Allocation |        | Conducted Power<br>(dBm) | Gain<br>(dBi) | ERP (dBm) |         | Verdict |      |
|----------------------------------------------|--------------------|---------------|--------|--------------------------|---------------|-----------|---------|---------|------|
|                                              |                    | Size          | Offset |                          |               | Result    | Limit   |         |      |
| QPSK                                         | 668                | 1             | 0      | 22.90                    | -4.90         | 15.85     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 22.81                    | -4.90         | 15.76     | <=34.77 | Pass    |      |
|                                              |                    |               | 49     | 22.76                    | -4.90         | 15.71     | <=34.77 | Pass    |      |
|                                              |                    | 25            | 0      | 21.77                    | -4.90         | 14.72     | <=34.77 | Pass    |      |
|                                              |                    |               | 13     | 21.81                    | -4.90         | 14.76     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 21.76                    | -4.90         | 14.71     | <=34.77 | Pass    |      |
|                                              |                    | 50            | 0      | 21.75                    | -4.90         | 14.70     | <=34.77 | Pass    |      |
|                                              |                    | 680.5         | 1      | 0                        | 22.84         | -4.90     | 15.79   | <=34.77 | Pass |
|                                              |                    |               |        | 25                       | 23.35         | -4.90     | 16.30   | <=34.77 | Pass |
|                                              | 49                 |               |        | 22.72                    | -4.90         | 15.67     | <=34.77 | Pass    |      |
|                                              | 25                 |               | 0      | 21.80                    | -4.90         | 14.75     | <=34.77 | Pass    |      |
|                                              |                    |               | 13     | 21.70                    | -4.90         | 14.65     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 21.67                    | -4.90         | 14.62     | <=34.77 | Pass    |      |
|                                              | 50                 | 0             | 21.78  | -4.90                    | 14.73         | <=34.77   | Pass    |         |      |
|                                              | 693                | 1             | 0      | 22.80                    | -4.90         | 15.75     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 22.62                    | -4.90         | 15.57     | <=34.77 | Pass    |      |
|                                              |                    |               | 49     | 22.49                    | -4.90         | 15.44     | <=34.77 | Pass    |      |
|                                              |                    | 25            | 0      | 21.79                    | -4.90         | 14.74     | <=34.77 | Pass    |      |
|                                              |                    |               | 13     | 21.70                    | -4.90         | 14.65     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 21.40                    | -4.90         | 14.35     | <=34.77 | Pass    |      |
| 50                                           |                    | 0             | 21.73  | -4.90                    | 14.68         | <=34.77   | Pass    |         |      |
| 16QAM                                        |                    | 668           | 1      | 0                        | 21.53         | -4.90     | 14.48   | <=34.77 | Pass |
|                                              |                    |               |        | 25                       | 21.40         | -4.90     | 14.35   | <=34.77 | Pass |
|                                              | 49                 |               |        | 21.30                    | -4.90         | 14.25     | <=34.77 | Pass    |      |
|                                              | 25                 |               | 0      | 20.69                    | -4.90         | 13.64     | <=34.77 | Pass    |      |
|                                              |                    |               | 13     | 20.74                    | -4.90         | 13.69     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 20.46                    | -4.90         | 13.41     | <=34.77 | Pass    |      |
|                                              | 50                 |               | 0      | 20.70                    | -4.90         | 13.65     | <=34.77 | Pass    |      |
|                                              | 680.5              | 1             | 0      | 21.44                    | -4.90         | 14.39     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 21.85                    | -4.90         | 14.80     | <=34.77 | Pass    |      |
|                                              |                    |               | 49     | 21.22                    | -4.90         | 14.17     | <=34.77 | Pass    |      |
|                                              |                    | 25            | 0      | 20.80                    | -4.90         | 13.75     | <=34.77 | Pass    |      |
|                                              |                    |               | 13     | 20.63                    | -4.90         | 13.58     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 20.66                    | -4.90         | 13.61     | <=34.77 | Pass    |      |
|                                              | 50                 | 0             | 20.60  | -4.90                    | 13.55         | <=34.77   | Pass    |         |      |
|                                              | 693                | 1             | 0      | 21.61                    | -4.90         | 14.56     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 21.92                    | -4.90         | 14.87     | <=34.77 | Pass    |      |
|                                              |                    |               | 49     | 21.46                    | -4.90         | 14.41     | <=34.77 | Pass    |      |
|                                              |                    | 25            | 0      | 20.79                    | -4.90         | 13.74     | <=34.77 | Pass    |      |
|                                              |                    |               | 13     | 20.79                    | -4.90         | 13.74     | <=34.77 | Pass    |      |
|                                              |                    |               | 25     | 20.65                    | -4.90         | 13.60     | <=34.77 | Pass    |      |
| 50                                           |                    | 0             | 20.75  | -4.90                    | 13.70         | <=34.77   | Pass    |         |      |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |                    |               |        |                          |               |           |         |         |      |

### 1.1.3 B71\_15MHz\_ERP

| Band: 71 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 670.5           | 1             | 0      | 22.58                 | -4.90      | 15.53     | <=34.77 | Pass    |
|                                    |                 |               | 38     | 22.81                 | -4.90      | 15.76     | <=34.77 | Pass    |
|                                    |                 |               | 74     | 22.49                 | -4.90      | 15.44     | <=34.77 | Pass    |
|                                    |                 | 36            | 0      | 21.44                 | -4.90      | 14.39     | <=34.77 | Pass    |
|                                    |                 |               | 18     | 21.58                 | -4.90      | 14.53     | <=34.77 | Pass    |
|                                    |                 |               | 39     | 21.56                 | -4.90      | 14.51     | <=34.77 | Pass    |

|                                              |       |       |    |       |       |       |         |         |
|----------------------------------------------|-------|-------|----|-------|-------|-------|---------|---------|
|                                              | 680.5 | 75    | 0  | 21.84 | -4.90 | 14.79 | <=34.77 | Pass    |
|                                              |       | 1     | 0  | 22.84 | -4.90 | 15.79 | <=34.77 | Pass    |
|                                              |       |       | 38 | 22.75 | -4.90 | 15.70 | <=34.77 | Pass    |
|                                              |       |       | 74 | 22.74 | -4.90 | 15.69 | <=34.77 | Pass    |
|                                              |       |       | 0  | 21.67 | -4.90 | 14.62 | <=34.77 | Pass    |
|                                              |       | 36    | 18 | 21.63 | -4.90 | 14.58 | <=34.77 | Pass    |
|                                              |       |       | 39 | 21.54 | -4.90 | 14.49 | <=34.77 | Pass    |
|                                              |       |       | 75 | 0     | 21.47 | -4.90 | 14.42   | <=34.77 |
|                                              |       | 690.5 | 1  | 0     | 22.70 | -4.90 | 15.65   | <=34.77 |
|                                              | 38    |       |    | 23.01 | -4.90 | 15.96 | <=34.77 | Pass    |
|                                              | 74    |       |    | 22.86 | -4.90 | 15.81 | <=34.77 | Pass    |
|                                              | 36    |       | 0  | 21.55 | -4.90 | 14.50 | <=34.77 | Pass    |
|                                              |       |       | 18 | 21.64 | -4.90 | 14.59 | <=34.77 | Pass    |
|                                              |       |       | 39 | 21.58 | -4.90 | 14.53 | <=34.77 | Pass    |
|                                              | 75    |       | 0  | 21.67 | -4.90 | 14.62 | <=34.77 | Pass    |
| 16QAM                                        | 670.5 | 1     | 0  | 21.19 | -4.90 | 14.14 | <=34.77 | Pass    |
|                                              |       |       | 38 | 21.43 | -4.90 | 14.38 | <=34.77 | Pass    |
|                                              |       |       | 74 | 21.41 | -4.90 | 14.36 | <=34.77 | Pass    |
|                                              |       | 36    | 0  | 20.53 | -4.90 | 13.48 | <=34.77 | Pass    |
|                                              |       |       | 18 | 20.73 | -4.90 | 13.68 | <=34.77 | Pass    |
|                                              |       |       | 39 | 20.70 | -4.90 | 13.65 | <=34.77 | Pass    |
|                                              |       | 75    | 0  | 20.75 | -4.90 | 13.70 | <=34.77 | Pass    |
|                                              | 680.5 | 1     | 0  | 21.24 | -4.90 | 14.19 | <=34.77 | Pass    |
|                                              |       |       | 38 | 21.48 | -4.90 | 14.43 | <=34.77 | Pass    |
|                                              |       |       | 74 | 21.30 | -4.90 | 14.25 | <=34.77 | Pass    |
|                                              |       | 36    | 0  | 20.65 | -4.90 | 13.60 | <=34.77 | Pass    |
|                                              |       |       | 18 | 20.76 | -4.90 | 13.71 | <=34.77 | Pass    |
|                                              |       |       | 39 | 20.46 | -4.90 | 13.41 | <=34.77 | Pass    |
|                                              |       | 75    | 0  | 20.76 | -4.90 | 13.71 | <=34.77 | Pass    |
|                                              | 690.5 | 1     | 0  | 21.27 | -4.90 | 14.22 | <=34.77 | Pass    |
|                                              |       |       | 38 | 21.51 | -4.90 | 14.46 | <=34.77 | Pass    |
|                                              |       |       | 74 | 21.24 | -4.90 | 14.19 | <=34.77 | Pass    |
|                                              |       | 36    | 0  | 20.38 | -4.90 | 13.33 | <=34.77 | Pass    |
|                                              |       |       | 18 | 20.84 | -4.90 | 13.79 | <=34.77 | Pass    |
|                                              |       |       | 39 | 20.64 | -4.90 | 13.59 | <=34.77 | Pass    |
|                                              |       | 75    | 0  | 20.76 | -4.90 | 13.71 | <=34.77 | Pass    |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |       |       |    |       |       |       |         |         |

#### 1.1.4 B71\_20MHz\_ERP

| 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      | 22.54                 | -4.90      | 15.49     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 22.81                 | -4.90      | 15.76     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 22.37                 | -4.90      | 15.32     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.77                 | -4.90      | 14.72     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.62                 | -4.90      | 14.57     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 21.56                 | -4.90      | 14.51     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 21.66                 | -4.90      | 14.61     | <=34.77 | Pass    |
|                                    | 683             | 1             | 0      | 22.56                 | -4.90      | 15.51     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 22.90                 | -4.90      | 15.85     | <=34.77 | Pass    |
|                                    |                 |               | 99     | 23.01                 | -4.90      | 15.96     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.80                 | -4.90      | 14.75     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.64                 | -4.90      | 14.59     | <=34.77 | Pass    |
|                                    |                 |               | 50     | 21.32                 | -4.90      | 14.27     | <=34.77 | Pass    |
|                                    |                 | 100           | 0      | 21.62                 | -4.90      | 14.57     | <=34.77 | Pass    |

|                                              |       |       |     |       |       |       |         |         |         |      |
|----------------------------------------------|-------|-------|-----|-------|-------|-------|---------|---------|---------|------|
|                                              | 688   | 1     | 0   | 22.56 | -4.90 | 15.51 | <=34.77 | Pass    |         |      |
|                                              |       |       | 50  | 22.87 | -4.90 | 15.82 | <=34.77 | Pass    |         |      |
|                                              |       |       | 99  | 22.53 | -4.90 | 15.48 | <=34.77 | Pass    |         |      |
|                                              |       | 50    | 0   | 21.70 | -4.90 | 14.65 | <=34.77 | Pass    |         |      |
|                                              |       |       | 25  | 21.66 | -4.90 | 14.61 | <=34.77 | Pass    |         |      |
|                                              |       |       | 50  | 21.48 | -4.90 | 14.43 | <=34.77 | Pass    |         |      |
|                                              |       | 100   | 0   | 21.74 | -4.90 | 14.69 | <=34.77 | Pass    |         |      |
|                                              |       | 16QAM | 673 | 1     | 0     | 21.35 | -4.90   | 14.30   | <=34.77 | Pass |
|                                              |       |       |     |       | 50    | 21.50 | -4.90   | 14.45   | <=34.77 | Pass |
| 99                                           | 21.28 |       |     |       | -4.90 | 14.23 | <=34.77 | Pass    |         |      |
| 50                                           | 0     |       |     | 20.84 | -4.90 | 13.79 | <=34.77 | Pass    |         |      |
|                                              | 25    |       |     | 20.65 | -4.90 | 13.60 | <=34.77 | Pass    |         |      |
|                                              | 50    |       |     | 20.66 | -4.90 | 13.61 | <=34.77 | Pass    |         |      |
| 100                                          | 0     |       |     | 20.61 | -4.90 | 13.56 | <=34.77 | Pass    |         |      |
| 683                                          | 1     |       |     | 0     | 21.17 | -4.90 | 14.12   | <=34.77 | Pass    |      |
|                                              |       |       |     | 50    | 21.71 | -4.90 | 14.66   | <=34.77 | Pass    |      |
|                                              |       |       | 99  | 21.22 | -4.90 | 14.17 | <=34.77 | Pass    |         |      |
|                                              | 50    |       | 0   | 20.79 | -4.90 | 13.74 | <=34.77 | Pass    |         |      |
|                                              |       |       | 25  | 20.77 | -4.90 | 13.72 | <=34.77 | Pass    |         |      |
|                                              |       |       | 50  | 20.71 | -4.90 | 13.66 | <=34.77 | Pass    |         |      |
|                                              | 100   |       | 0   | 20.70 | -4.90 | 13.65 | <=34.77 | Pass    |         |      |
|                                              | 688   |       | 1   | 0     | 21.41 | -4.90 | 14.36   | <=34.77 | Pass    |      |
|                                              |       |       |     | 50    | 21.69 | -4.90 | 14.64   | <=34.77 | Pass    |      |
| 99                                           |       |       |     | 21.08 | -4.90 | 14.03 | <=34.77 | Pass    |         |      |
| 50                                           |       |       | 0   | 20.79 | -4.90 | 13.74 | <=34.77 | Pass    |         |      |
|                                              |       |       | 25  | 20.85 | -4.90 | 13.80 | <=34.77 | Pass    |         |      |
|                                              |       |       | 50  | 20.68 | -4.90 | 13.63 | <=34.77 | Pass    |         |      |
| 100                                          |       |       | 0   | 20.63 | -4.90 | 13.58 | <=34.77 | Pass    |         |      |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |       |       |     |       |       |       |         |         |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B71\_10MHz

| 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                        | 680.5           | 50            | 0      | 20         | 3.5           | -1.800           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.87          | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.4           | -0.900           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.87          | -3.400           | -0.0050               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.87          | -1.000           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.87          | -2.000           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.87          | -2.100           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.87          | -1.300           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.87          | -2.300           | -0.0034               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.87          | -0.500           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.87          | -1.100           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            |               |                  |                       |             |         |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band71\_OBW

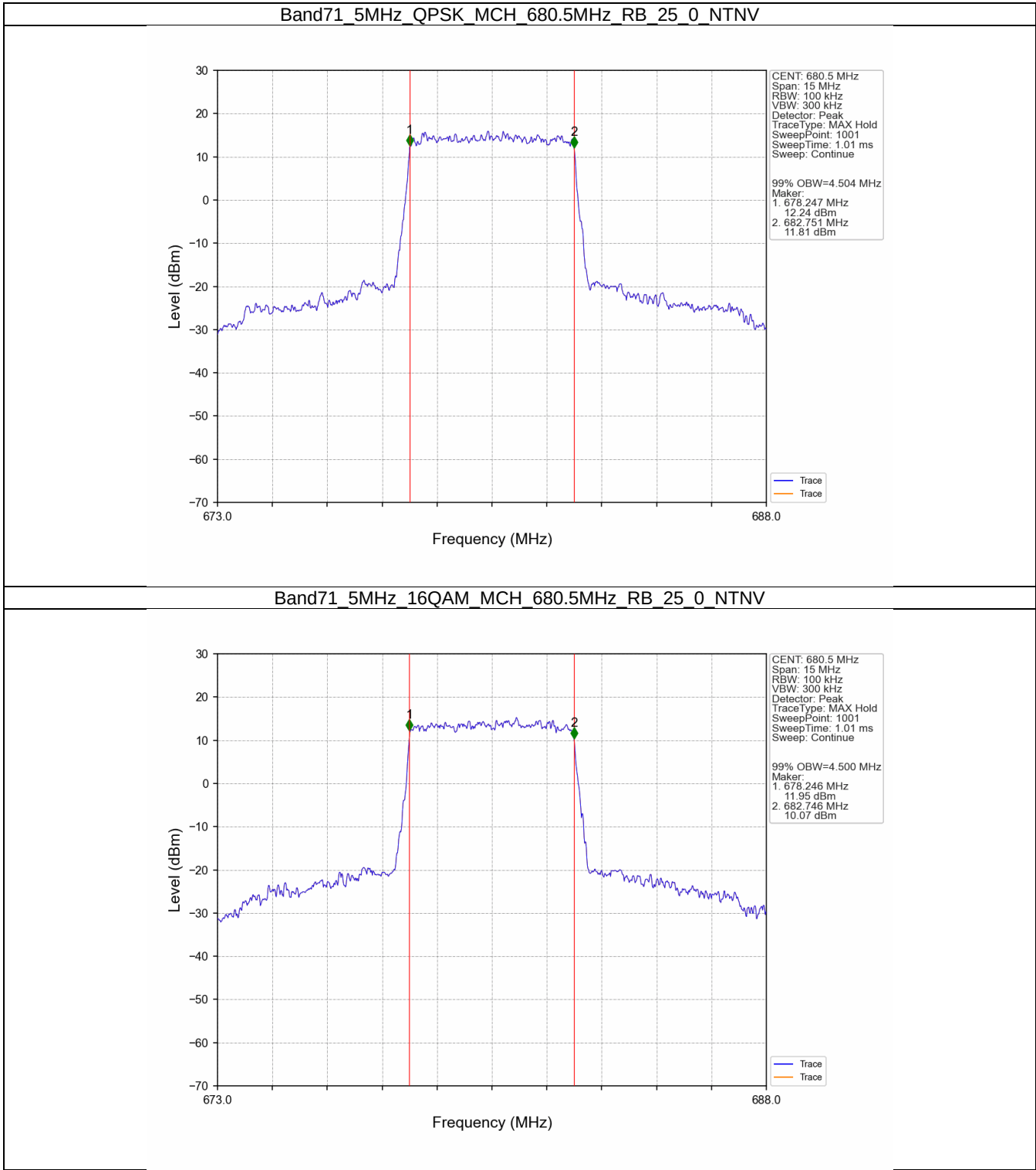
| Band: 71 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 680.5           | 25            | 0      | 4.504                        | /     | Pass    |
|                 | 16QAM      | 680.5           | 25            | 0      | 4.500                        | /     | Pass    |
| 10              | QPSK       | 680.5           | 50            | 0      | 8.976                        | /     | Pass    |
|                 | 16QAM      | 680.5           | 50            | 0      | 8.991                        | /     | Pass    |
| 15              | QPSK       | 680.5           | 75            | 0      | 13.463                       | /     | Pass    |
|                 | 16QAM      | 680.5           | 75            | 0      | 13.457                       | /     | Pass    |
| 20              | QPSK       | 683             | 100           | 0      | 17.889                       | /     | Pass    |
|                 | 16QAM      | 683             | 100           | 0      | 17.921                       | /     | Pass    |

##### 3.1.2 Band71\_XDB

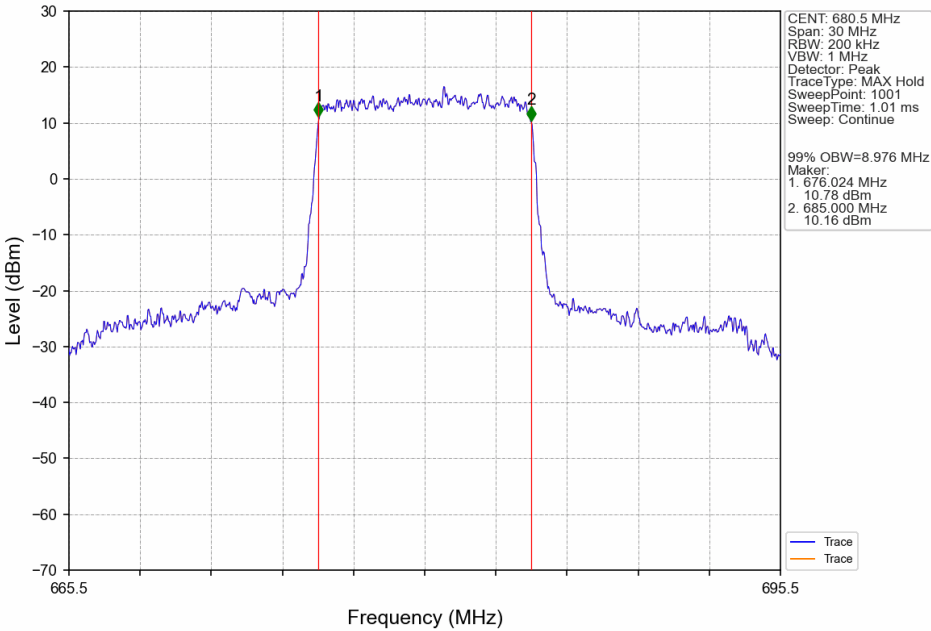
| Band: 71 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 680.5           | 25            | 0      | 5.014                | /     | Pass    |
|                 | 16QAM      | 680.5           | 25            | 0      | 4.993                | /     | Pass    |
| 10              | QPSK       | 680.5           | 50            | 0      | 9.806                | /     | Pass    |
|                 | 16QAM      | 680.5           | 50            | 0      | 9.820                | /     | Pass    |
| 15              | QPSK       | 680.5           | 75            | 0      | 14.605               | /     | Pass    |
|                 | 16QAM      | 680.5           | 75            | 0      | 14.473               | /     | Pass    |
| 20              | QPSK       | 683             | 100           | 0      | 19.581               | /     | Pass    |
|                 | 16QAM      | 683             | 100           | 0      | 19.332               | /     | Pass    |

### 3.2 Test Graph

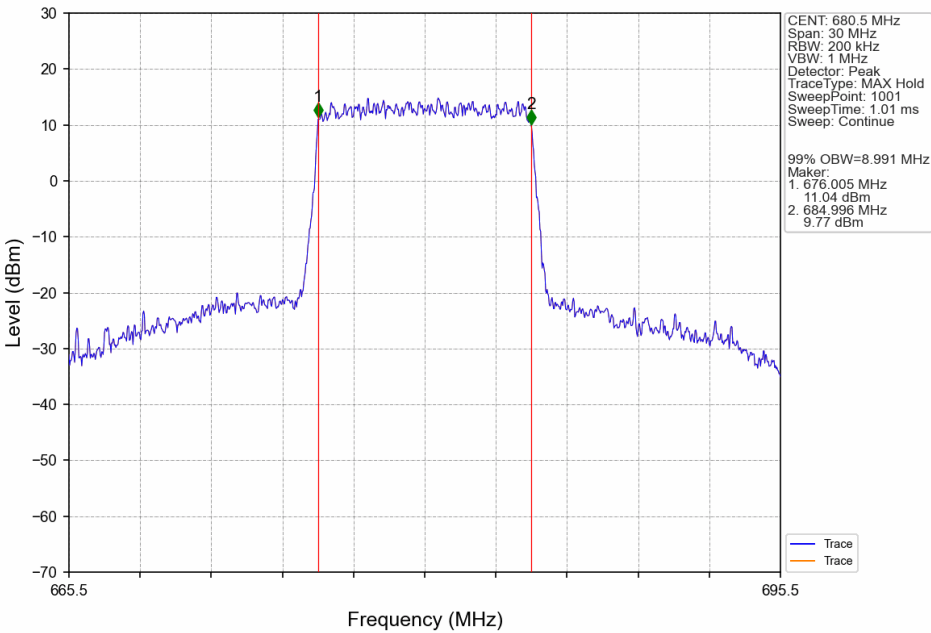
#### 3.2.1 Band71\_OBW



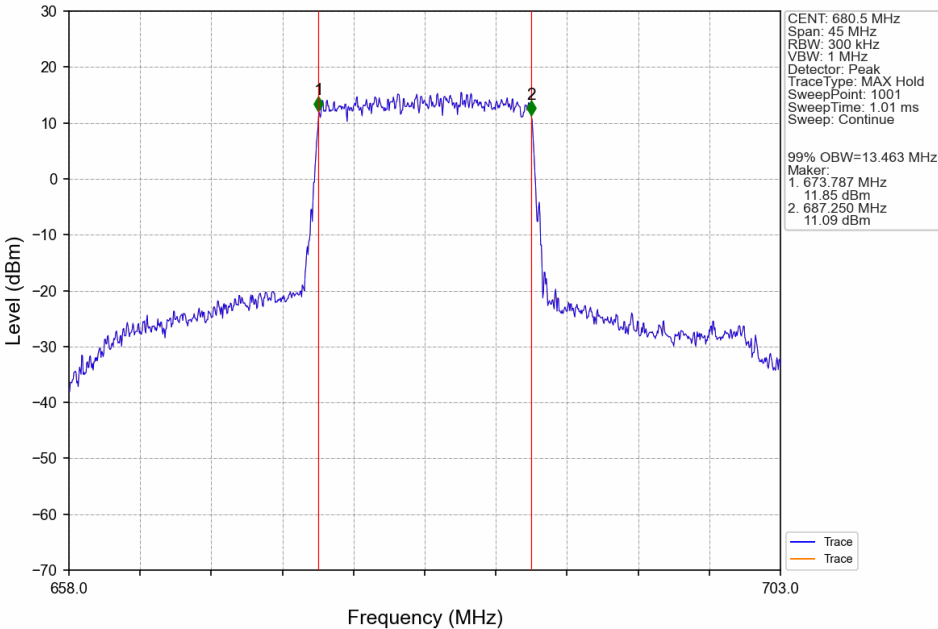
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



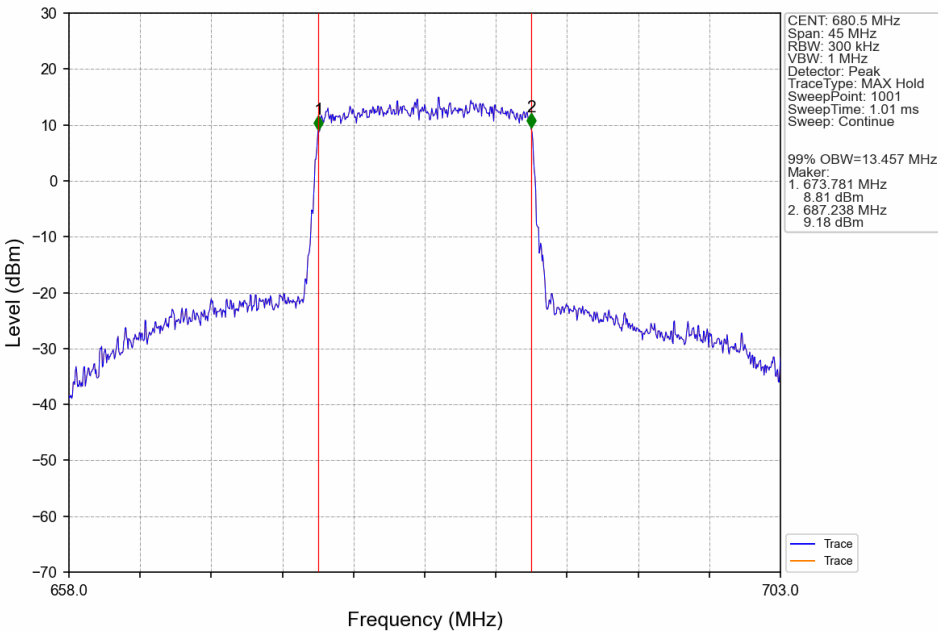
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



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

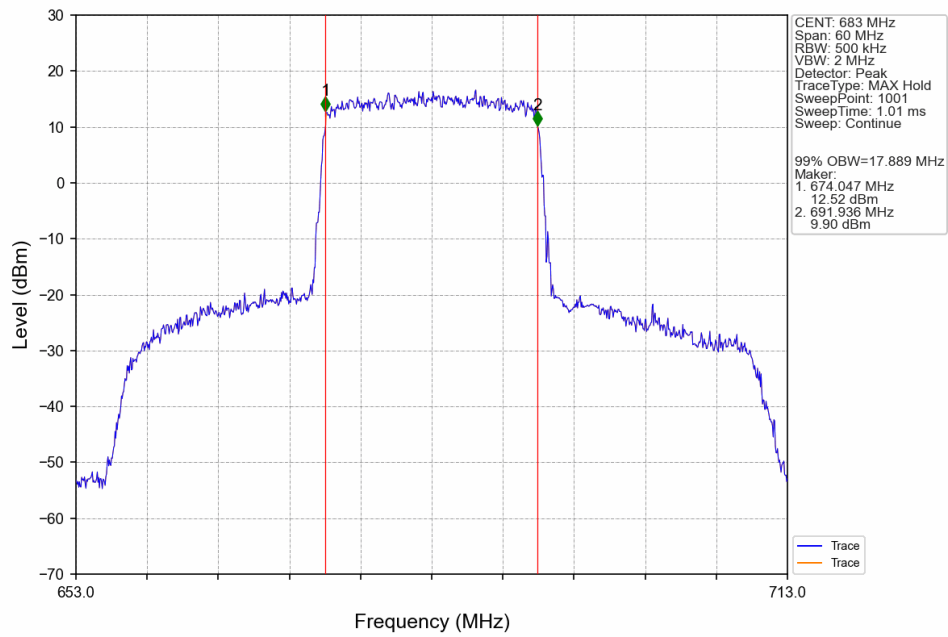


Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV

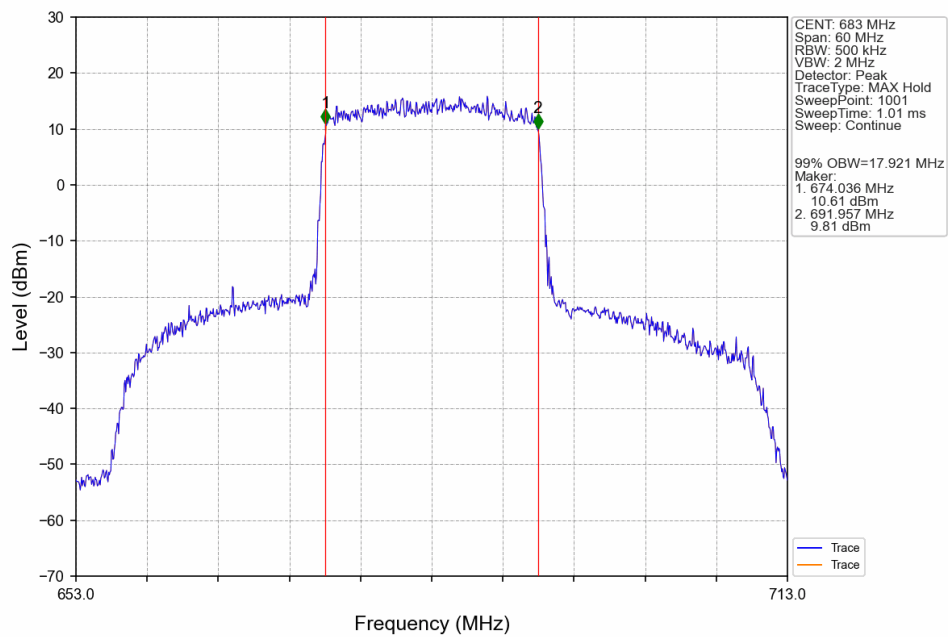




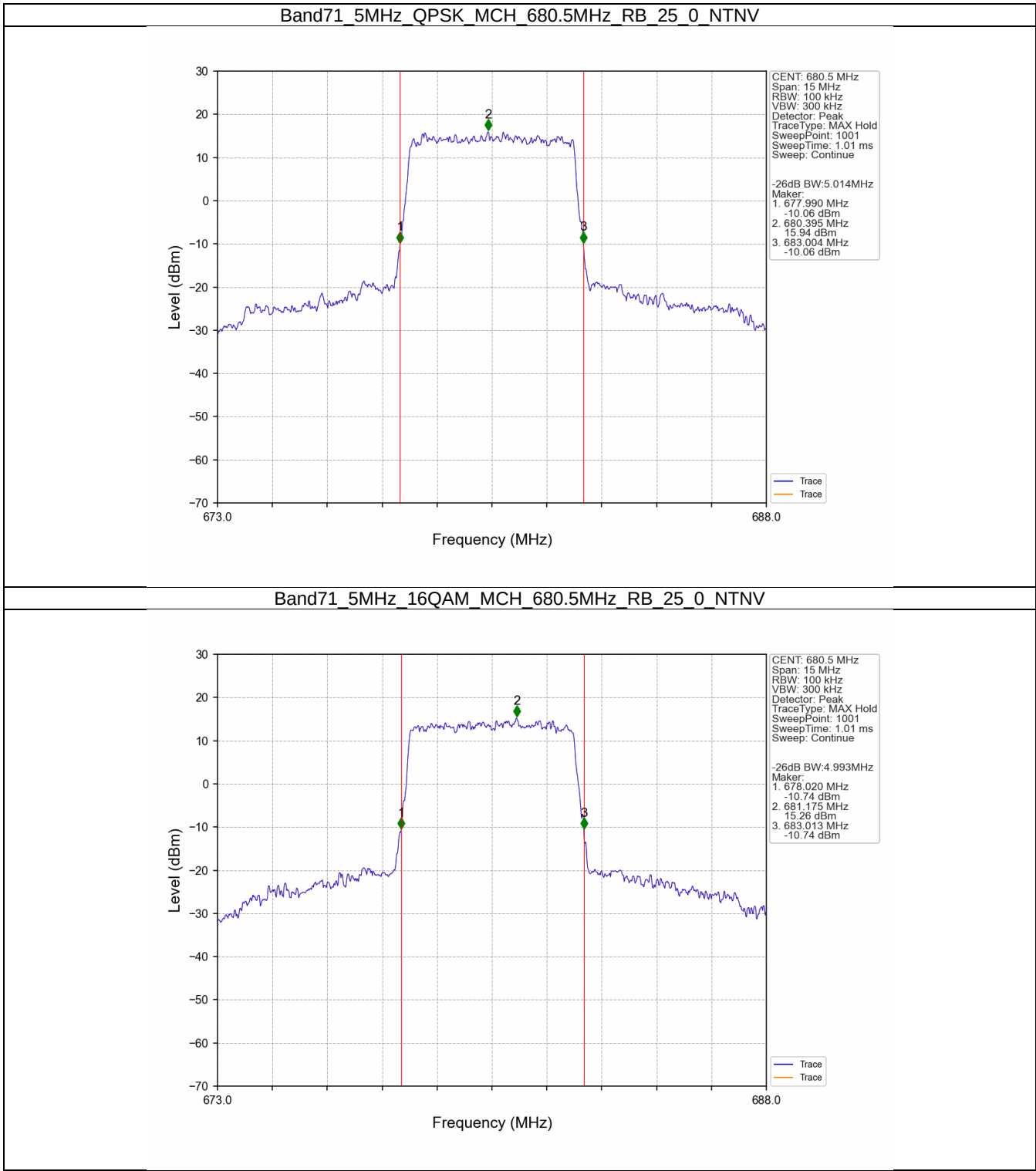
# Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV



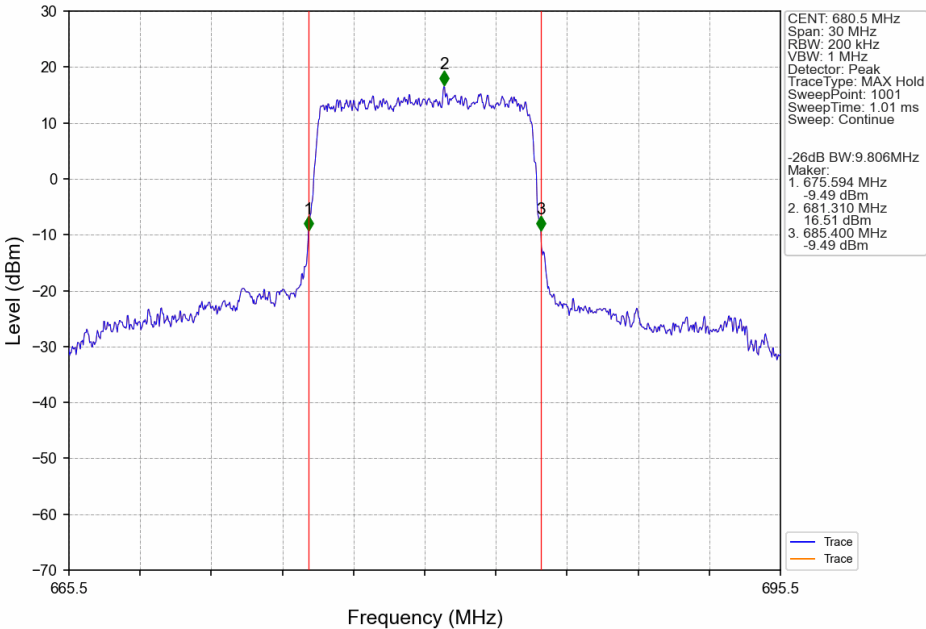
# Band71\_20MHz\_16QAM\_MCH\_683MHz\_RB\_100\_0\_NTNV



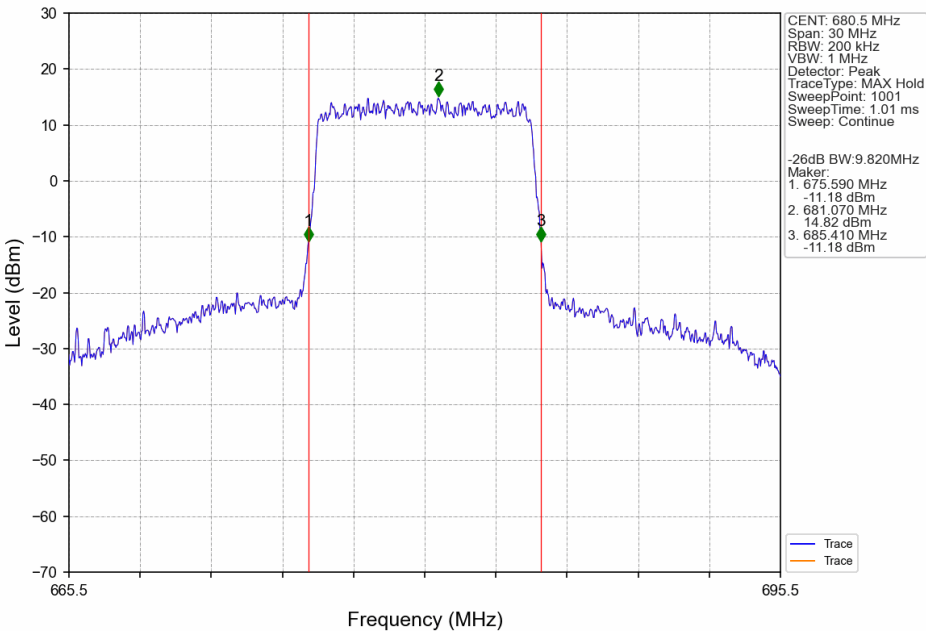
3.2.2 Band71\_XDB



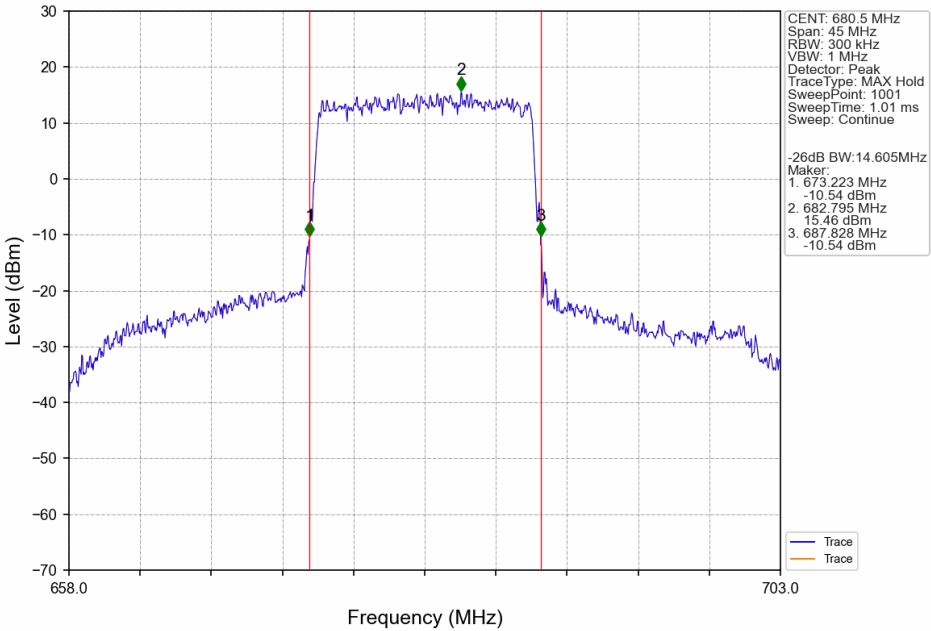
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



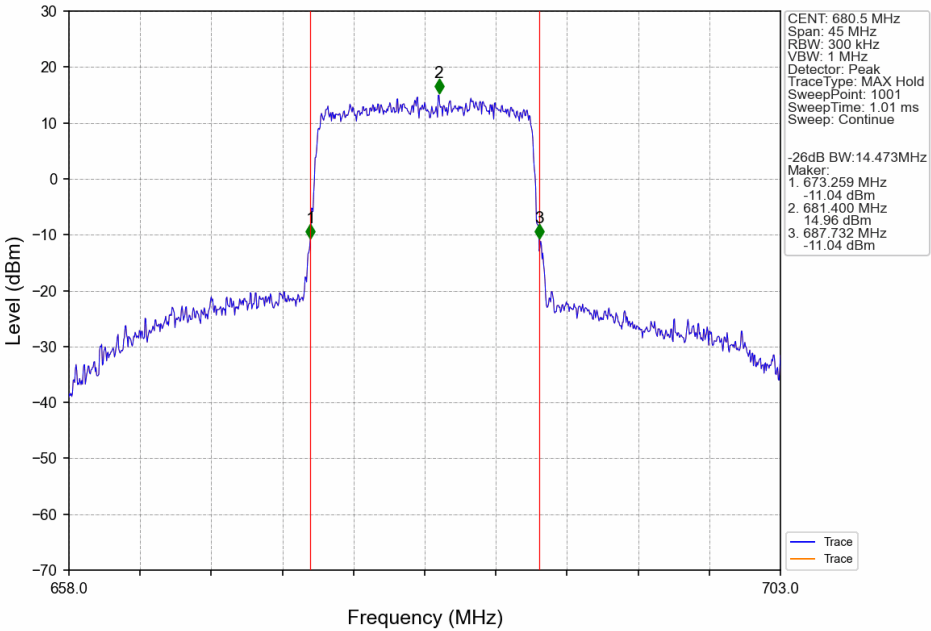
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



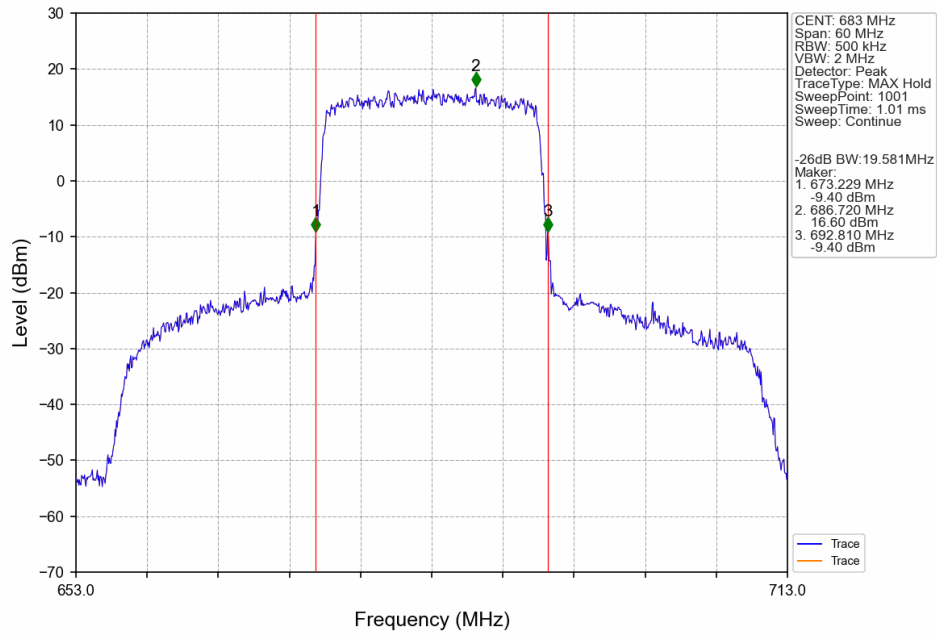
Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



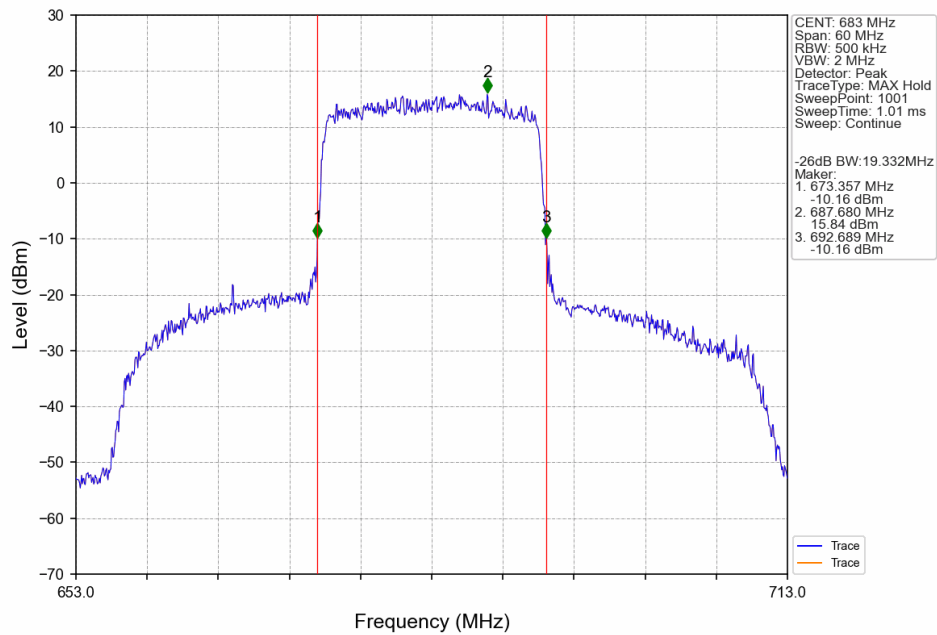
Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



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



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



## 4. Peak-Average Ratio

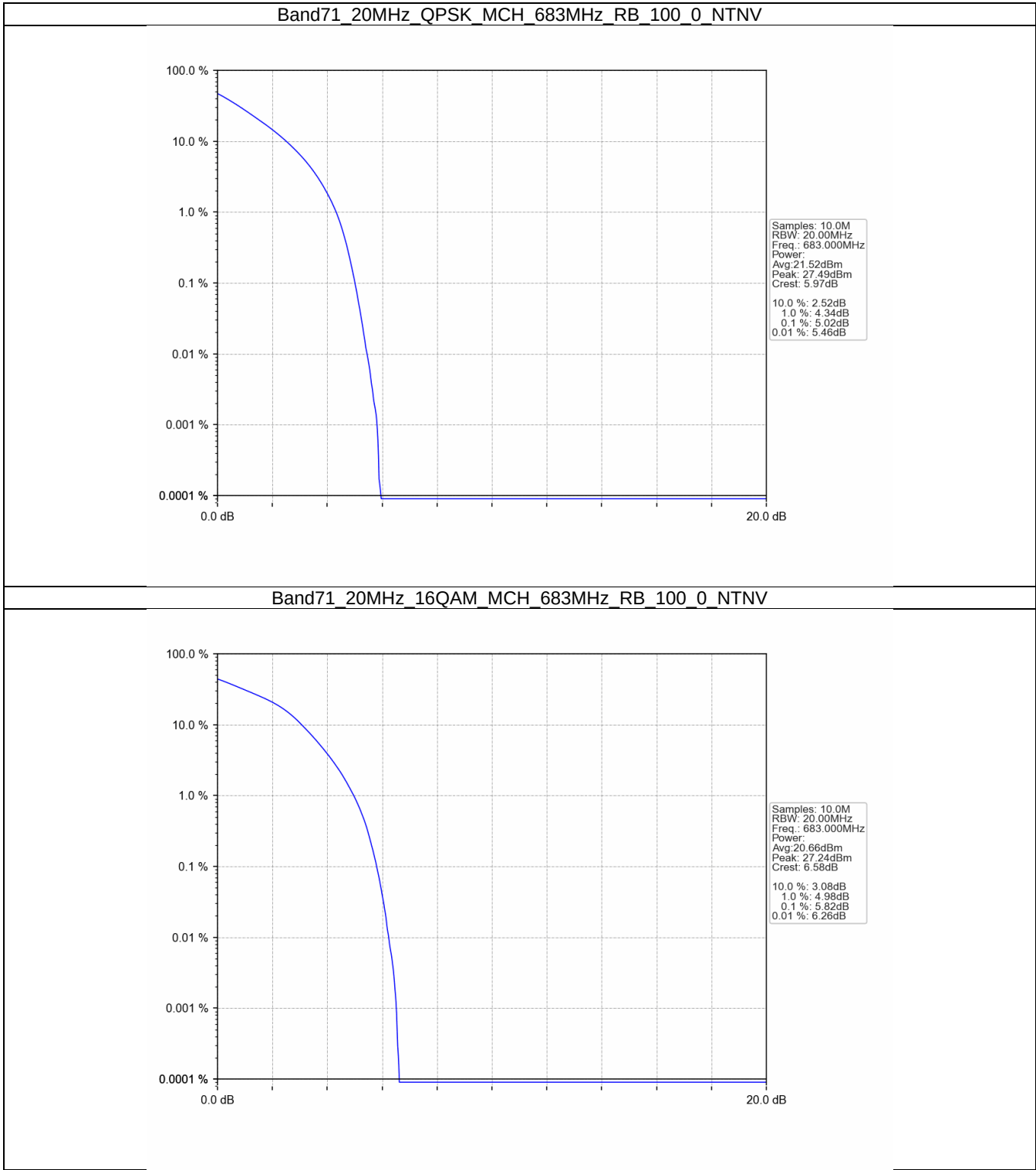
### 4.1 Test Result

#### 4.1.1 B71\_20MHz

| Band: 71 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 683                | 100           | 0      | 5.02                    | <=13  | Pass    |
| 16QAM                              | 683                | 100           | 0      | 5.82                    | <=13  | Pass    |

4.2 Test Graph

4.2.1 B71\_20MHz



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B71\_5MHz

| Band: 71 / Bandwidth: 5MHz / NTV |                 |               |        |                     |                     |         |
|----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| 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 |         |
|                                  | 24              |               |        | Refer To Test Graph |                     | Pass    |
|                                  | 25              |               | 0      | Refer To Test Graph |                     | Pass    |

#### 5.1.2 B71\_10MHz

| Band: 71 / Bandwidth: 10MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

#### 5.1.3 B71\_15MHz

| Band: 71 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 670.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 680.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 690.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

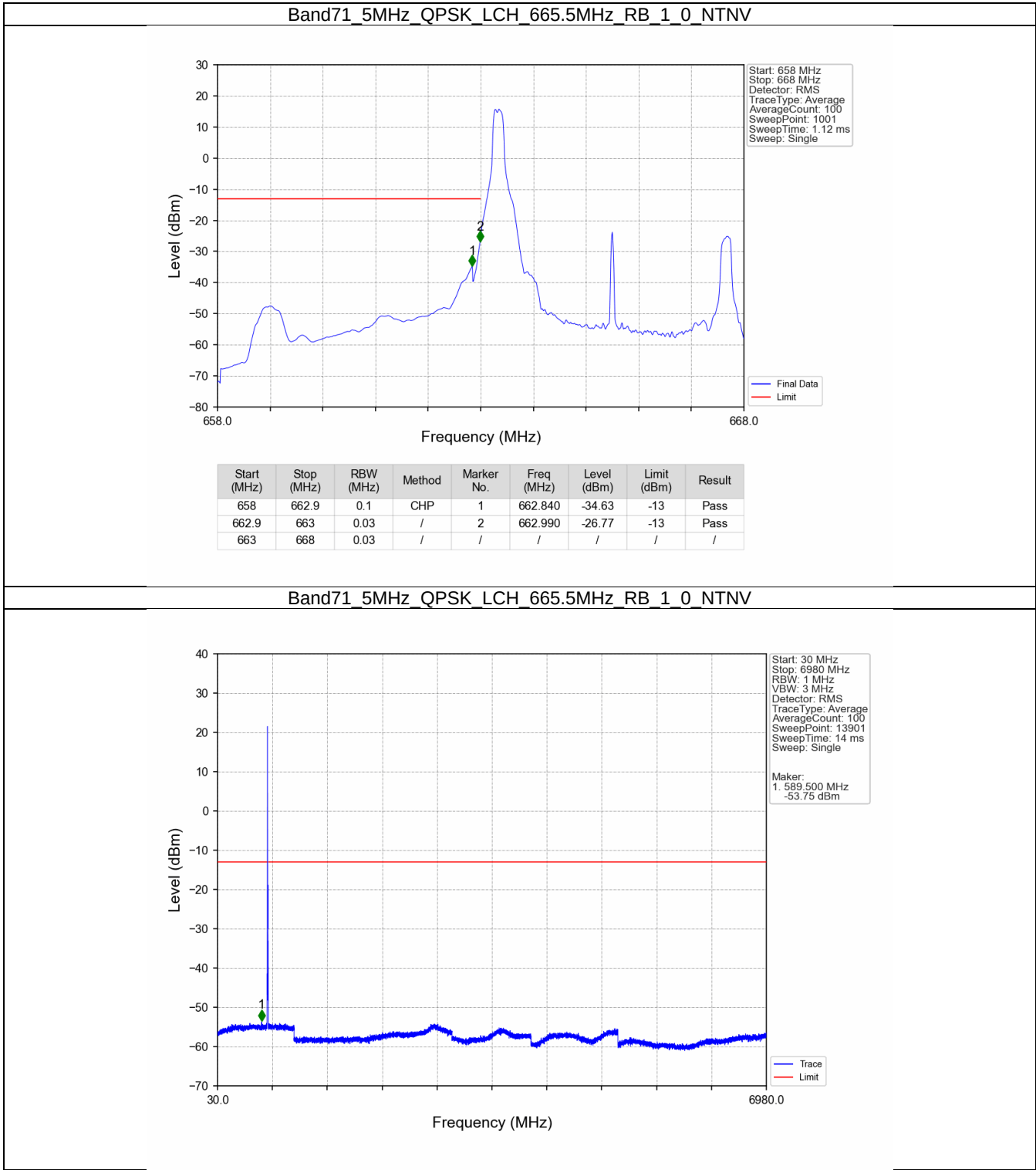
#### 5.1.4 B71\_20MHz

| Band: 71 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 673             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 683             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 688             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

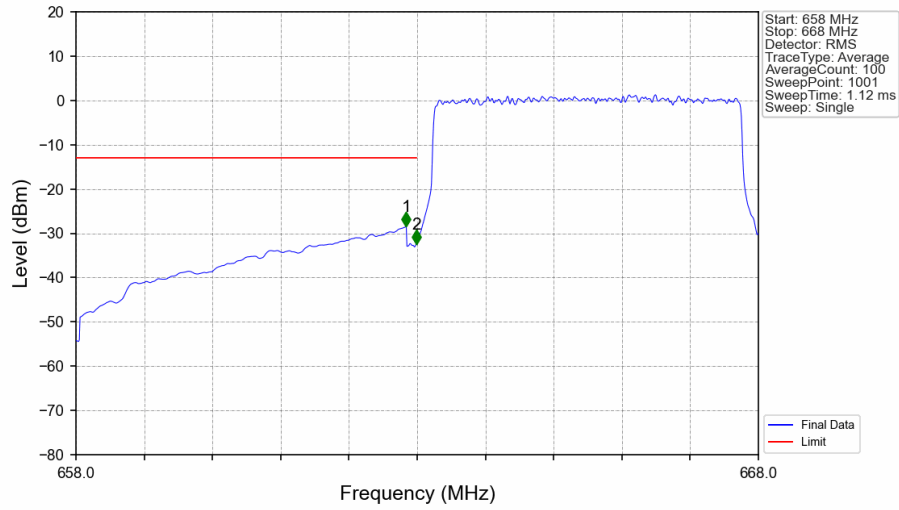


5.2 Test Graph

5.2.1 B71\_5MHz

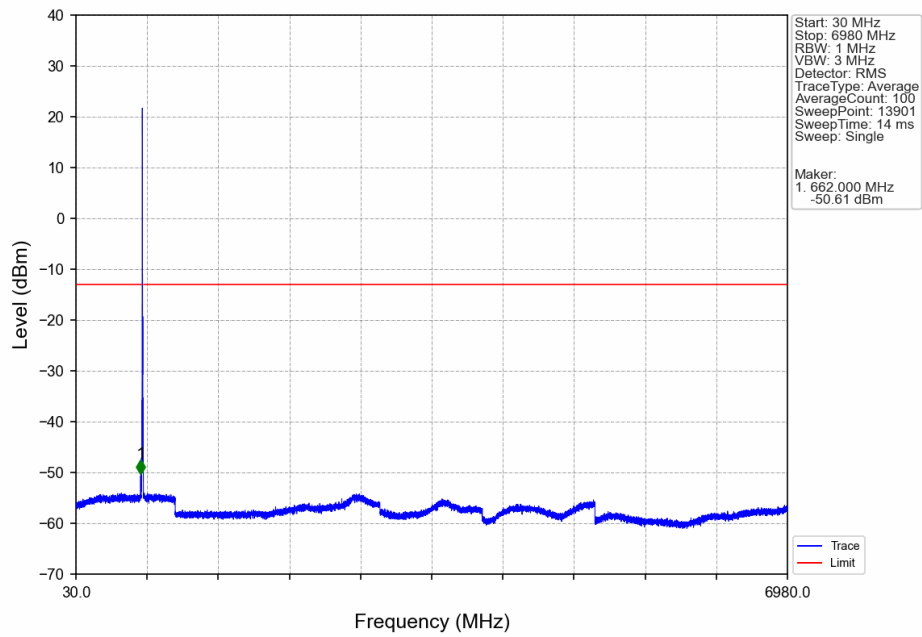


# Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_25\_0\_NTNV

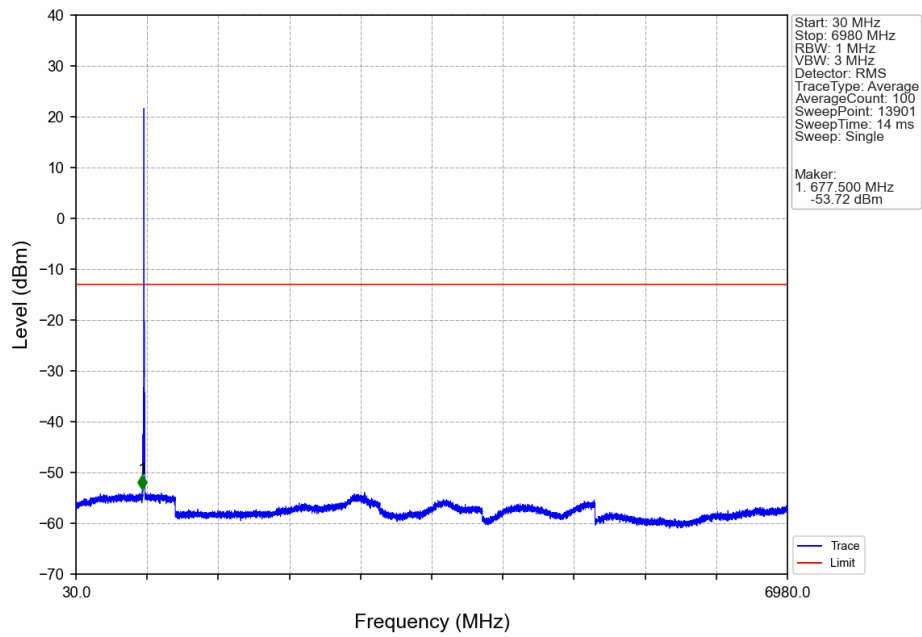


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 658         | 662.9      | 0.1       | CHP    | 1          | 662.840    | -28.45      | -13         | Pass   |
| 662.9       | 663        | 0.03      | /      | 2          | 662.990    | -32.38      | -13         | Pass   |
| 663         | 668        | 0.03      | /      | /          | /          | /           | /           | /      |

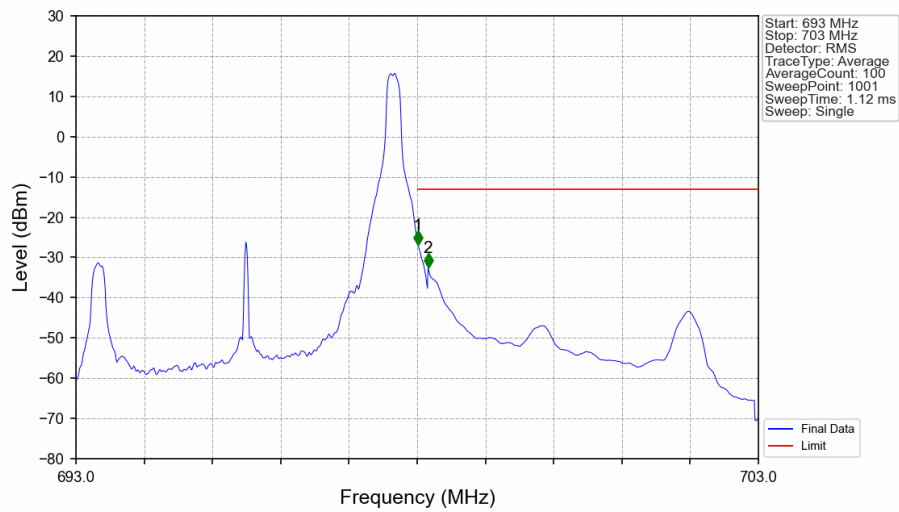
# Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



Band71 5MHz QPSK HCH 695.5MHz RB\_1\_0 NTN

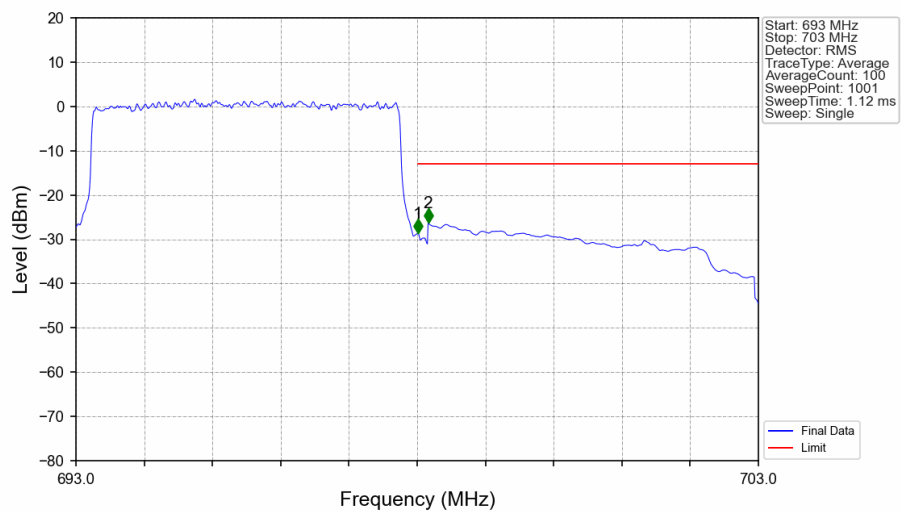


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTN



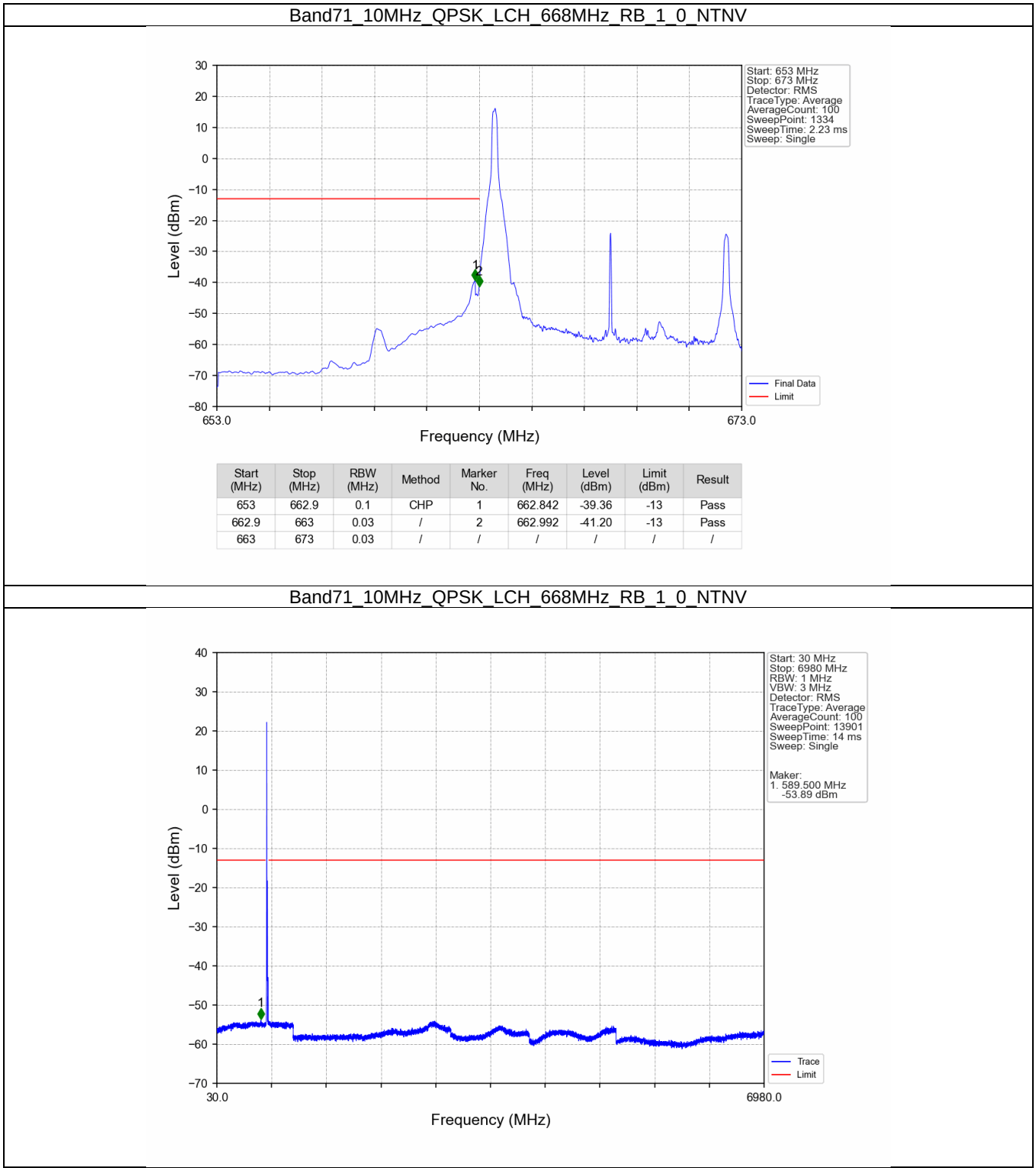
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 693         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.010    | -26.76      | -13         | Pass   |
| 698.1       | 703        | 0.1       | CHP    | 2          | 698.160    | -32.47      | -13         | Pass   |

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

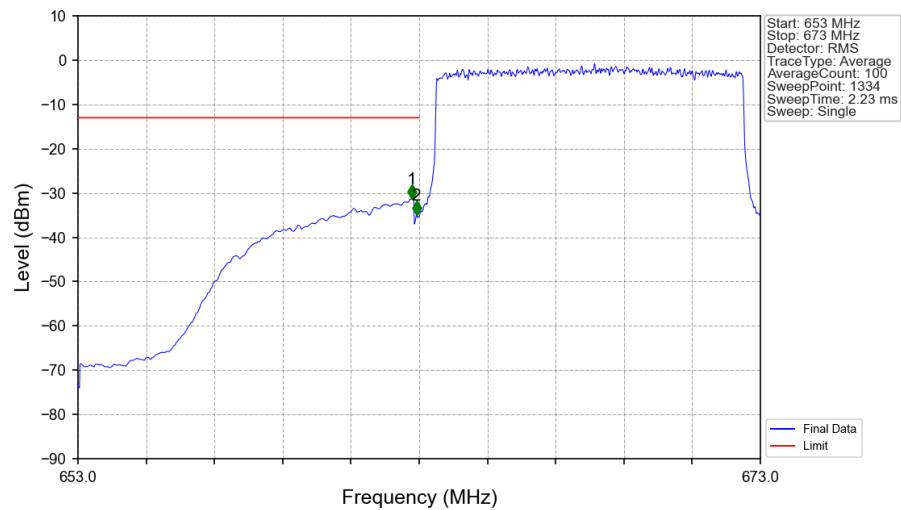


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 693         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.010    | -28.63      | -13         | Pass   |
| 698.1       | 703        | 0.1       | CHP    | 2          | 698.160    | -26.29      | -13         | Pass   |

5.2.2 B71\_10MHz

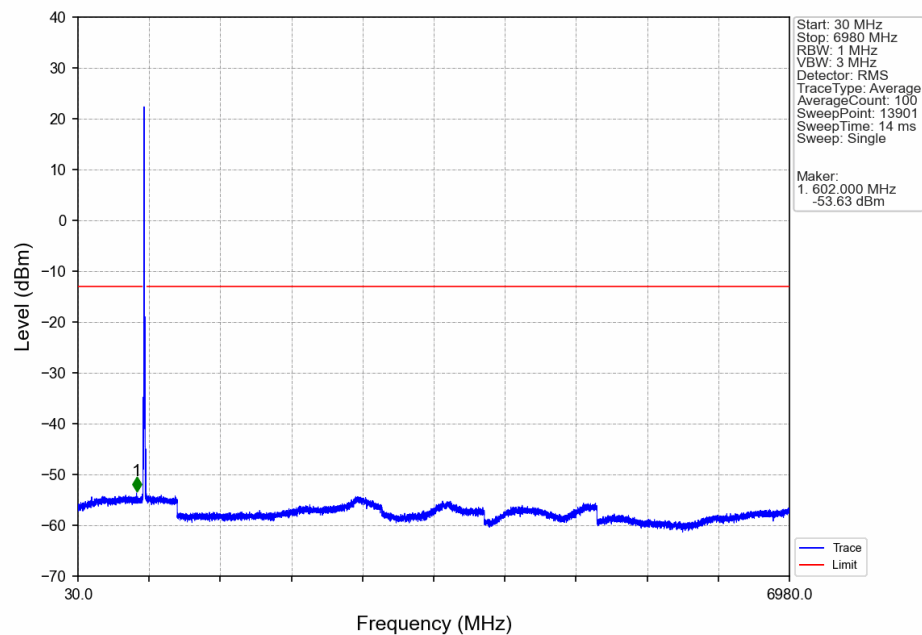


Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV

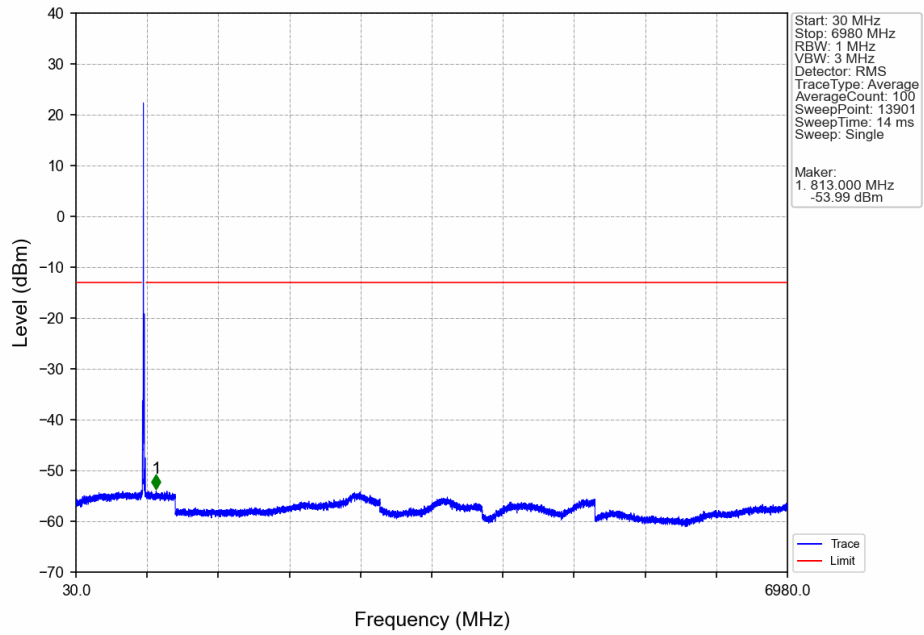


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 653         | 662.9      | 0.1       | CHP    | 1          | 662.782    | -31.34      | -13         | Pass   |
| 662.9       | 663        | 0.03      | /      | 2          | 662.917    | -34.99      | -13         | Pass   |
| 663         | 673        | 0.03      | /      | /          | /          | /           | /           | /      |

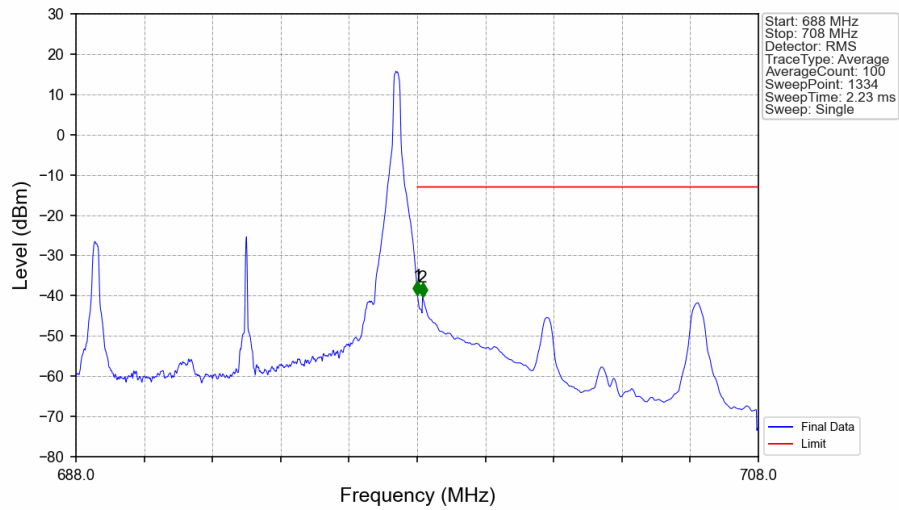
Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



# Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_1\_0\_NTNV

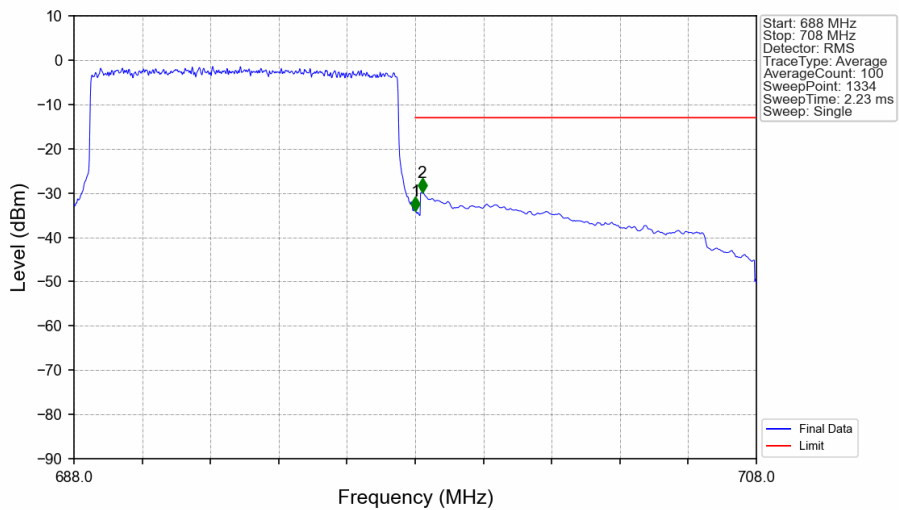


# Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_1\_49\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 688         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.008    | -39.82      | -13         | Pass   |
| 698.1       | 708        | 0.1       | CHP    | 2          | 698.158    | -40.23      | -13         | Pass   |

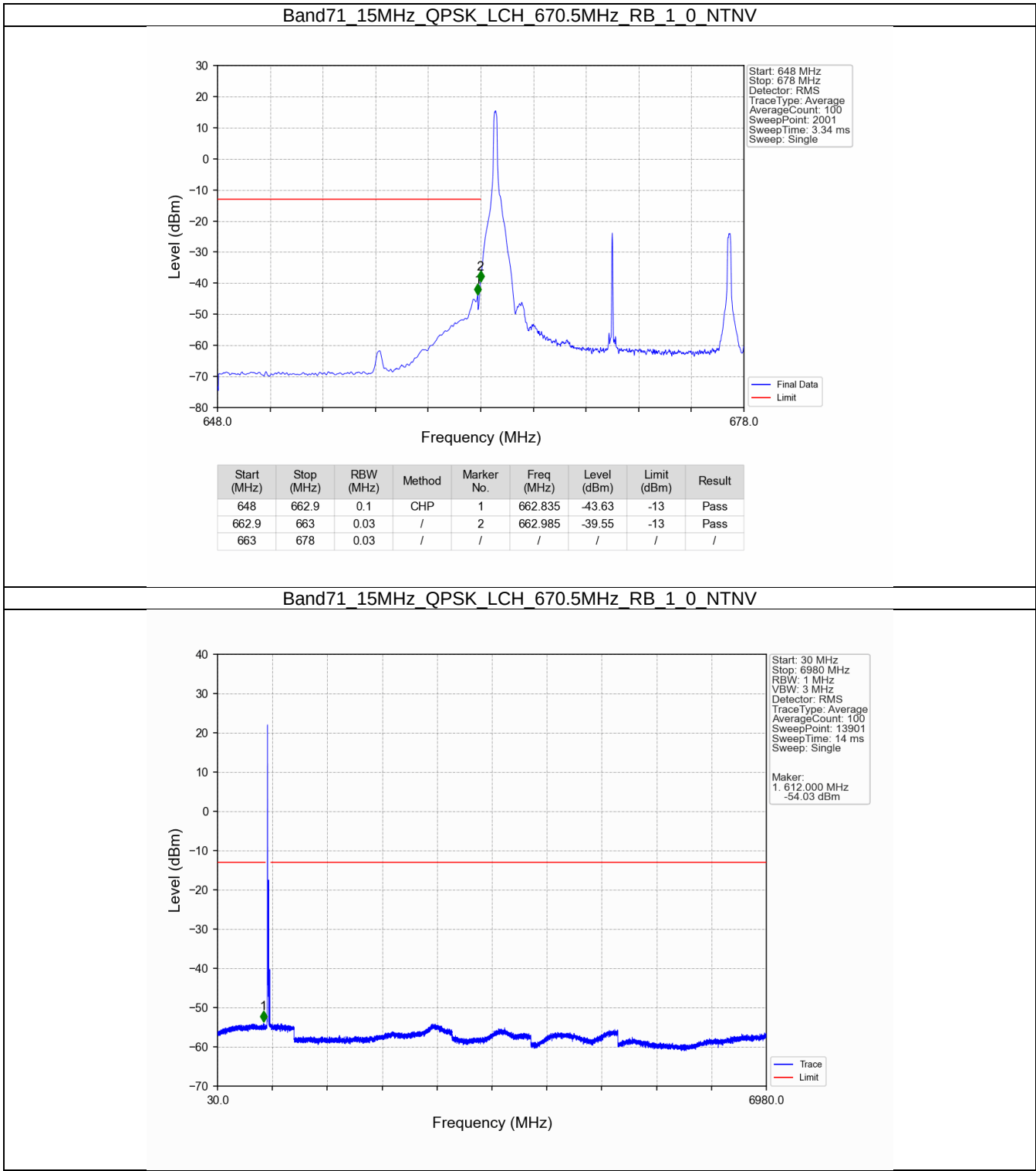
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



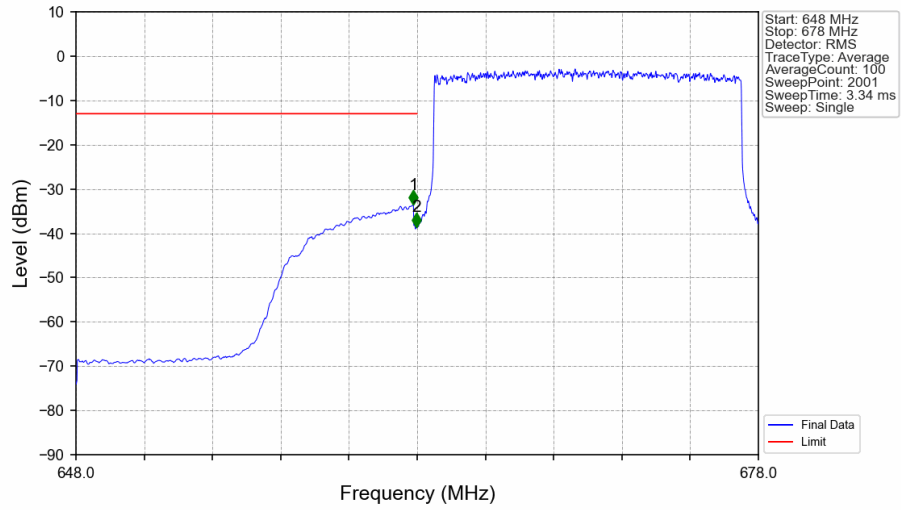
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 688         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.008    | -34.10      | -13         | Pass   |
| 698.1       | 708        | 0.1       | CHP    | 2          | 698.203    | -29.84      | -13         | Pass   |



5.2.3 B71\_15MHz

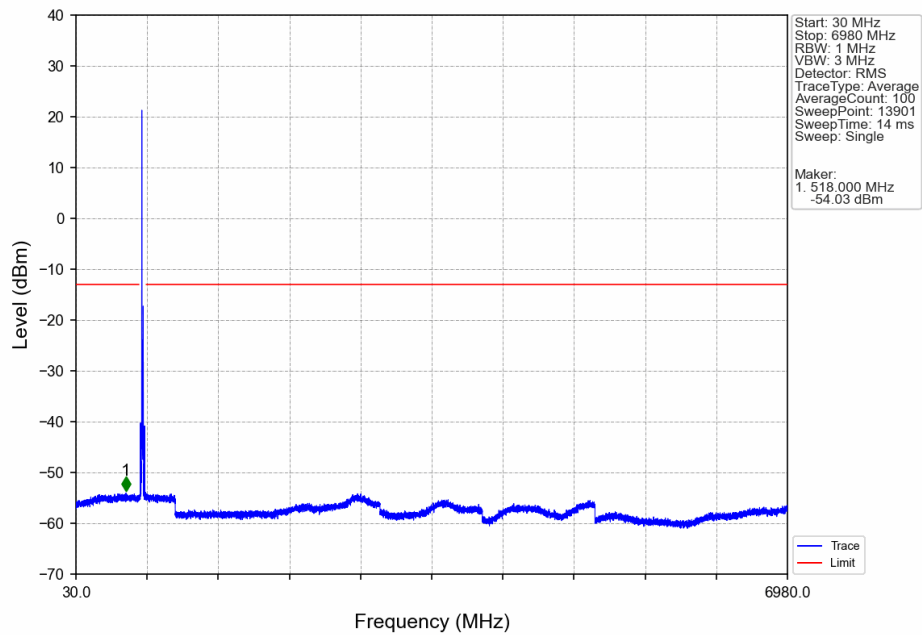


# Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV

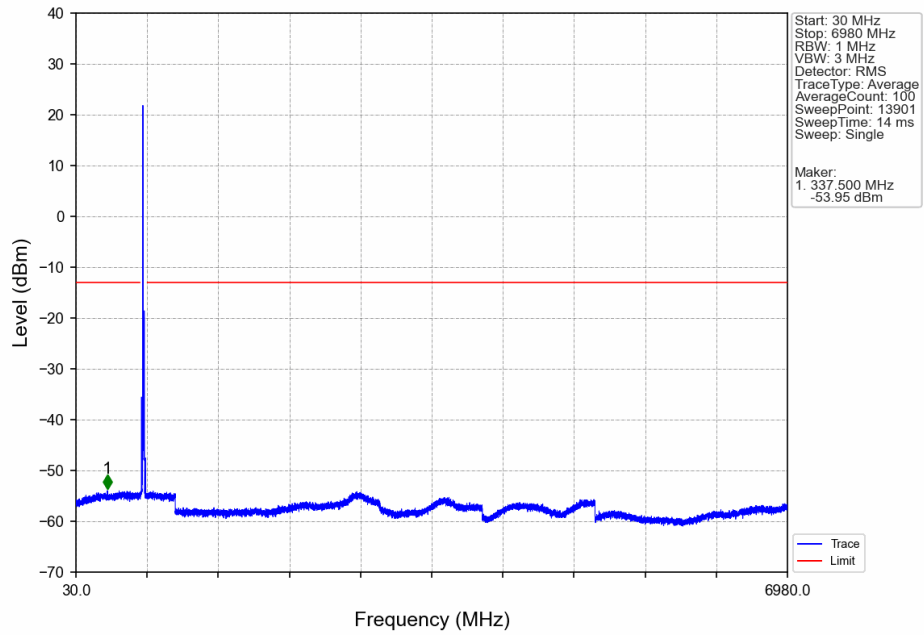


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 648         | 662.9      | 0.1       | CHP    | 1          | 662.835    | -33.48      | -13         | Pass   |
| 662.9       | 663        | 0.03      | /      | 2          | 662.970    | -38.48      | -13         | Pass   |
| 663         | 678        | 0.03      | /      | /          | /          | /           | /           | /      |

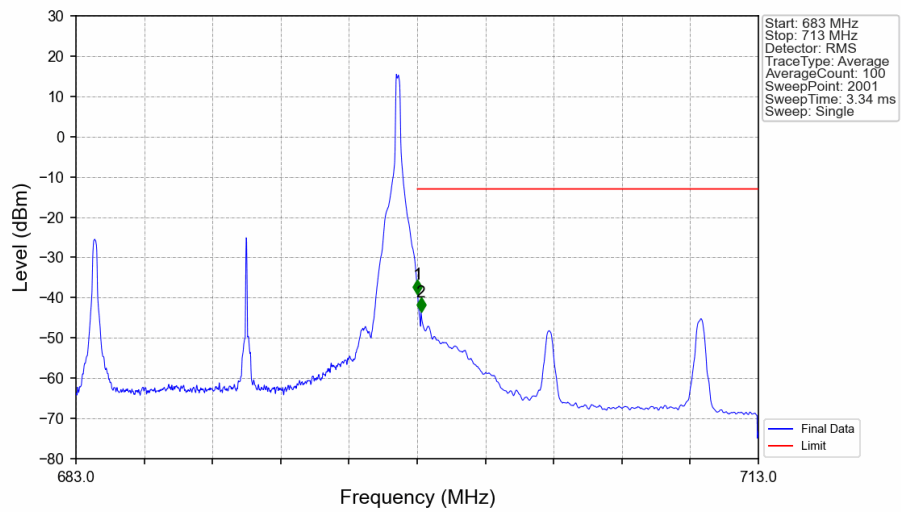
# Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



# Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_1\_0\_NTNV

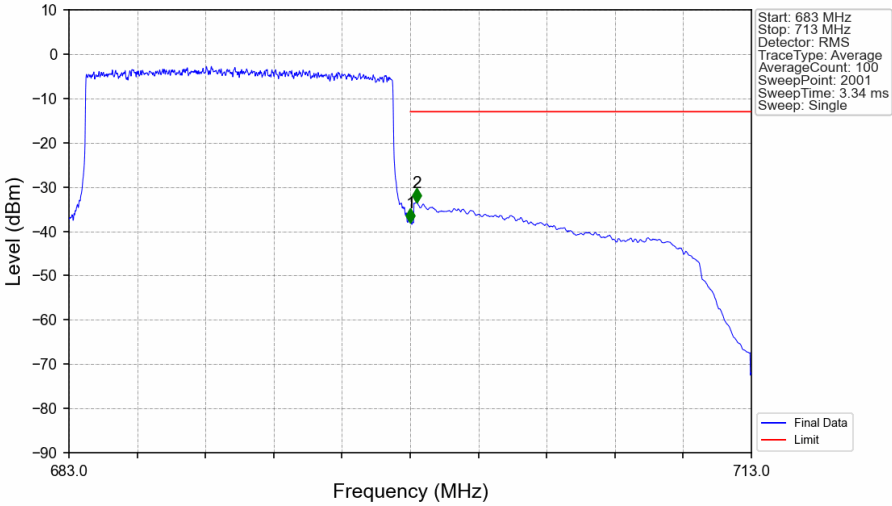


# Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_1\_74\_NTNV



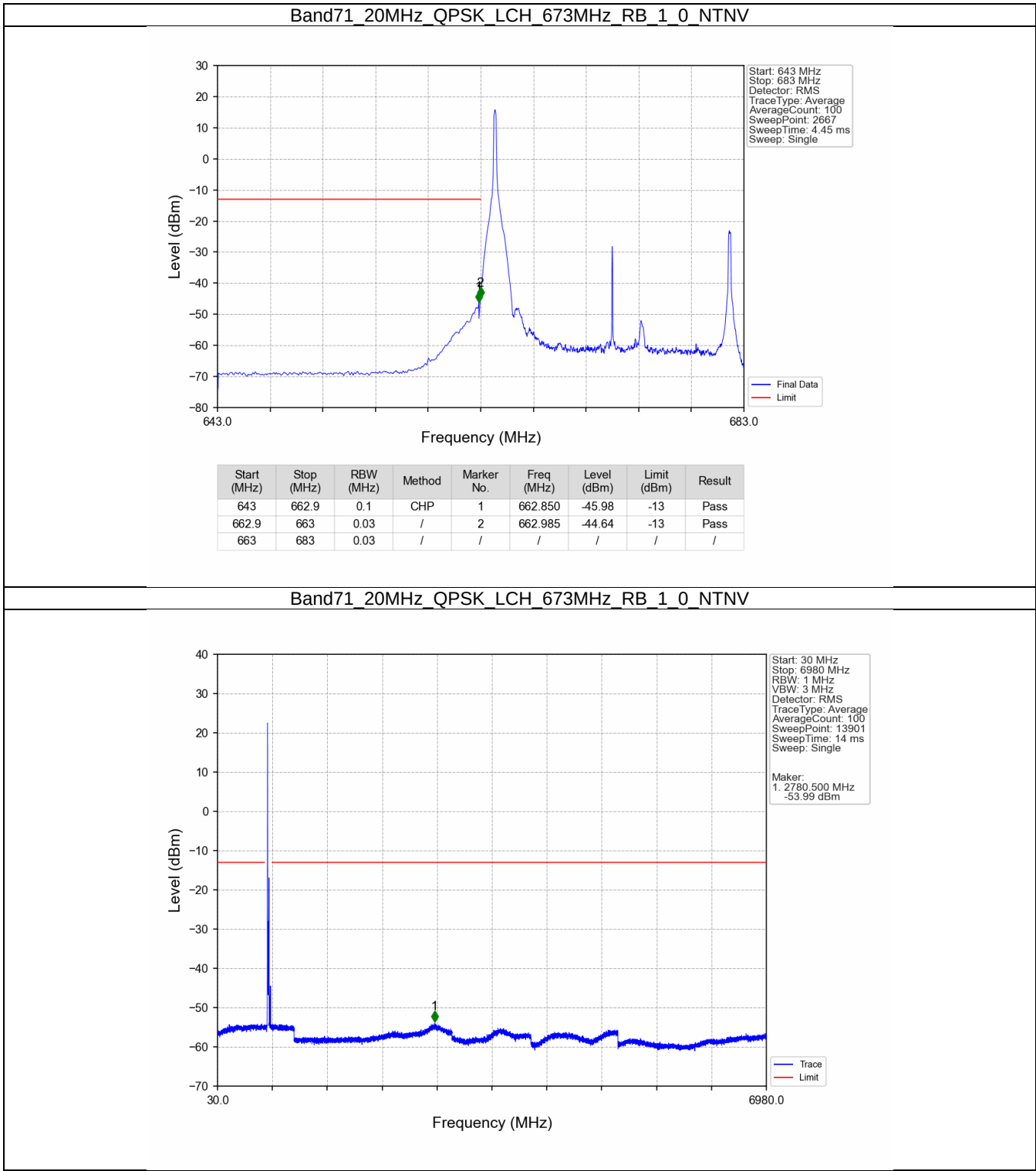
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 683         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.015    | -39.10      | -13         | Pass   |
| 698.1       | 713        | 0.1       | CHP    | 2          | 698.165    | -43.40      | -13         | Pass   |

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

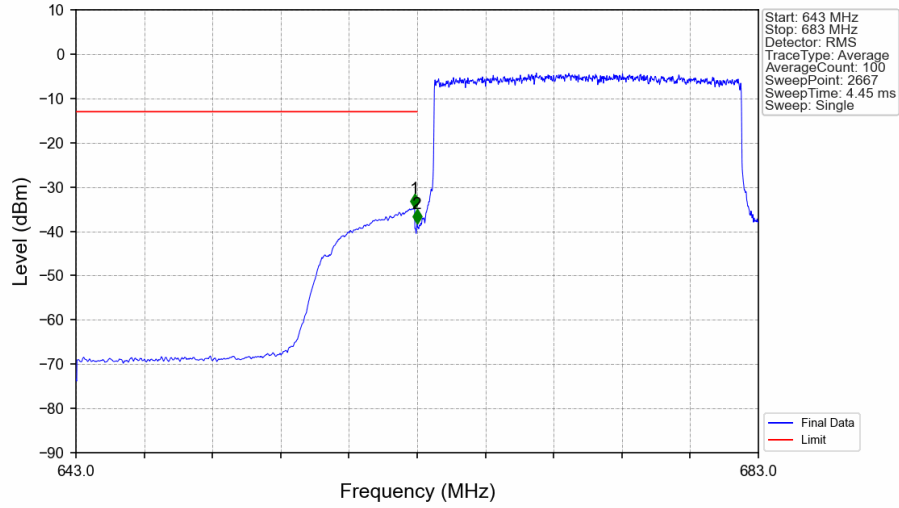


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 683         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.015    | -38.01      | -13         | Pass   |
| 698.1       | 713        | 0.1       | CHP    | 2          | 698.285    | -33.44      | -13         | Pass   |

5.2.4 B71\_20MHz

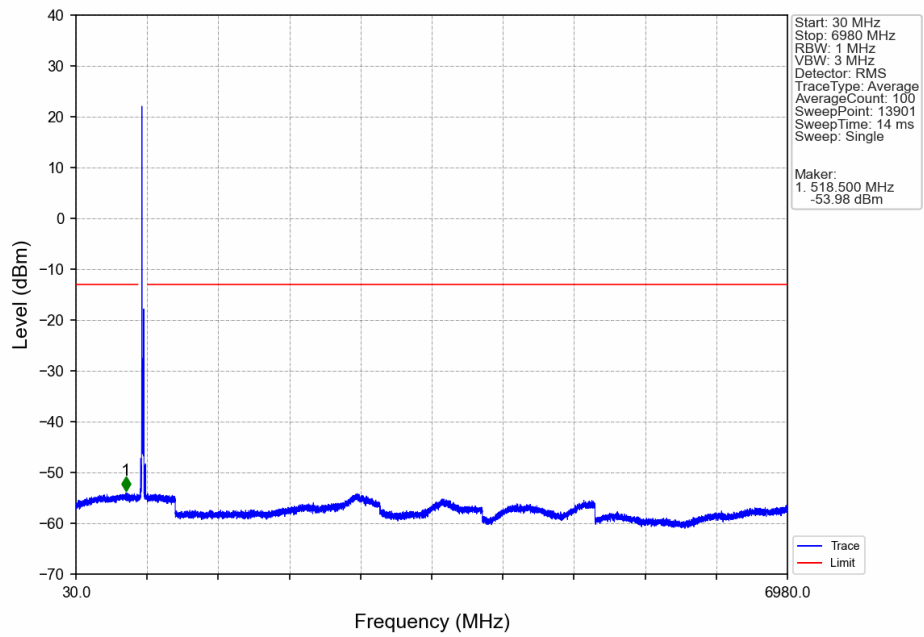


# Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV

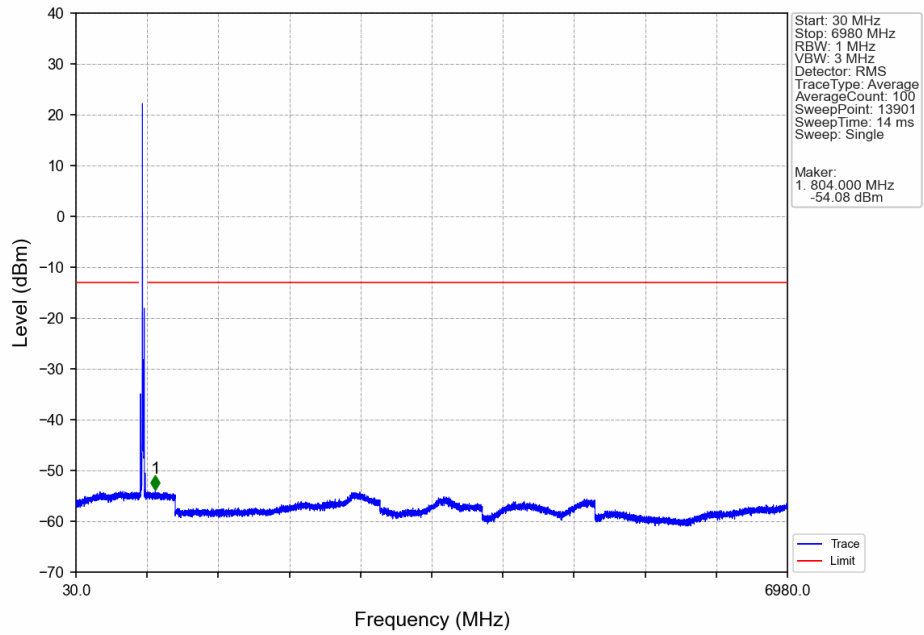


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 643         | 662.9      | 0.1       | CHP    | 1          | 662.850    | -34.67      | -13         | Pass   |
| 662.9       | 663        | 0.03      | /      | 2          | 662.985    | -38.17      | -13         | Pass   |
| 663         | 683        | 0.03      | /      | /          | /          | /           | /           | /      |

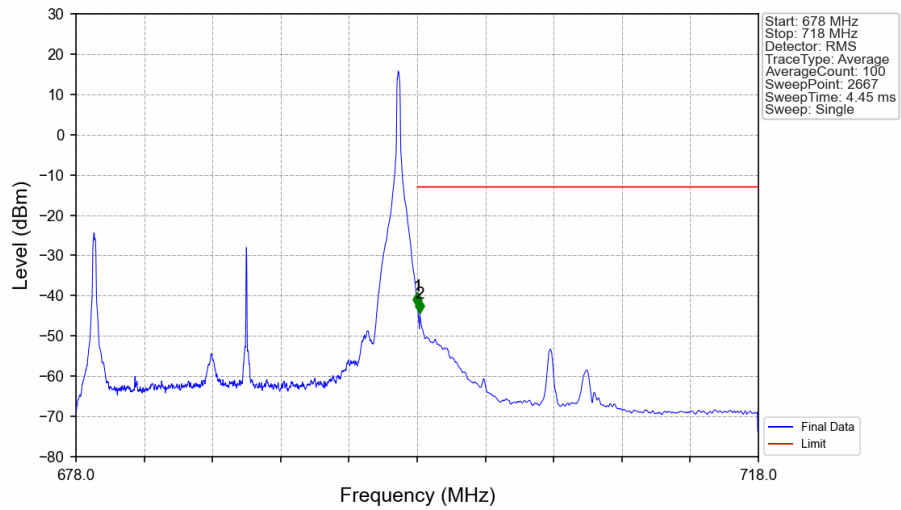
# Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_1\_0\_NTNV



# Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_1\_0\_NTNV

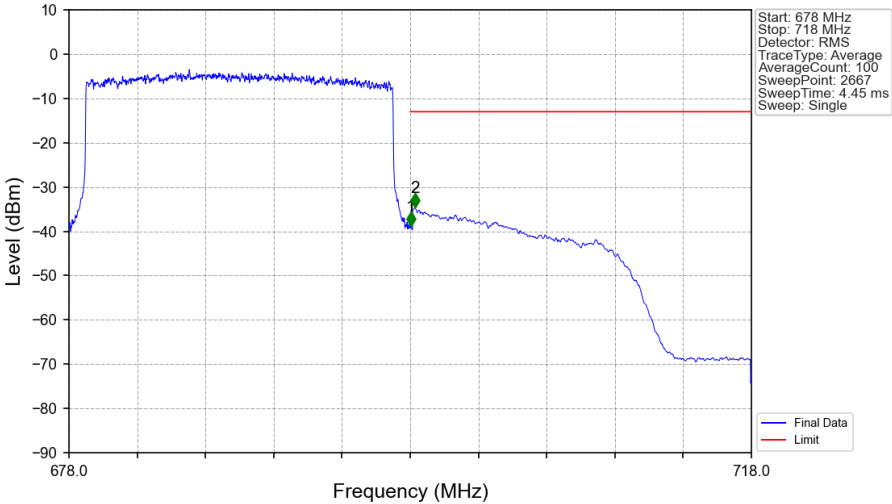


# Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 678         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.015    | -42.57      | -13         | Pass   |
| 698.1       | 718        | 0.1       | CHP    | 2          | 698.150    | -44.25      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 678         | 698        | 0.03      | /      | /          | /          | /           | /           | /      |
| 698         | 698.1      | 0.03      | /      | 1          | 698.045    | -38.77      | -13         | Pass   |
| 698.1       | 718        | 0.1       | CHP    | 2          | 698.285    | -34.65      | -13         | Pass   |



## 6. Field Strength of Spurious Radiation

**Test Band = LTE Band 71\_ TM1**

**Test Channel = Low Channel**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1328.18         | 48.76          | -50.10      | 24.35    | -72.25      | -13.00      | 59.25       | Horizontal |
| 2               | 1992.27         | 53.00          | -49.68      | 26.28    | -65.65      | -13.00      | 52.65       | Horizontal |
| 3               | 2656.36         | 52.88          | -49.07      | 27.48    | -63.97      | -13.00      | 50.97       | Horizontal |
| 4               | 3320.45         | 53.62          | -48.64      | 28.36    | -61.93      | -13.00      | 48.93       | Horizontal |
| 5               | 3984.54         | 47.18          | -48.36      | 29.28    | -67.17      | -13.00      | 54.17       | Horizontal |
| 6               | 4648.63         | 43.85          | -48.06      | 30.43    | -69.04      | -13.00      | 56.04       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1328.18         | 48.87          | -50.10      | 24.35    | -72.14      | -13.00      | 59.14       | Vertical |
| 2               | 1992.27         | 46.84          | -49.68      | 26.28    | -71.81      | -13.00      | 58.81       | Vertical |
| 3               | 2656.36         | 59.65          | -49.07      | 27.48    | -57.20      | -13.00      | 44.20       | Vertical |
| 4               | 3320.45         | 57.81          | -48.64      | 28.36    | -57.74      | -13.00      | 44.74       | Vertical |
| 5               | 3984.54         | 45.38          | -48.36      | 29.28    | -68.97      | -13.00      | 55.97       | Vertical |
| 6               | 4648.63         | 44.71          | -48.06      | 30.43    | -68.18      | -13.00      | 55.18       | Vertical |

**Test Band = LTE Band 71\_ TM1**  
**Test Channel = Mid Channel**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1350            | 51.97          | -50.07      | 24.28    | -69.09      | -13.00      | 56.09       | Horizontal |
| 2               | 2025            | 52.59          | -49.62      | 26.35    | -65.94      | -13.00      | 52.94       | Horizontal |
| 3               | 2700.5          | 57.49          | -49.00      | 27.56    | -59.21      | -13.00      | 46.21       | Horizontal |
| 4               | 3375.5          | 56.38          | -48.68      | 28.40    | -59.15      | -13.00      | 46.15       | Horizontal |
| 5               | 4044.54         | 45.18          | -48.31      | 29.37    | -69.02      | -13.00      | 56.02       | Horizontal |
| 6               | 4718.63         | 44.96          | -48.07      | 30.58    | -67.79      | -13.00      | 54.79       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1350            | 48.58          | -50.07      | 24.28    | -72.48      | -13.00      | 59.48       | Vertical |
| 2               | 2025            | 49.46          | -49.62      | 26.35    | -69.07      | -13.00      | 56.07       | Vertical |
| 3               | 2700.5          | 65.31          | -49.00      | 27.56    | -51.39      | -13.00      | 38.39       | Vertical |
| 4               | 3375.5          | 58.96          | -48.68      | 28.40    | -56.57      | -13.00      | 43.57       | Vertical |
| 5               | 4050.5          | 46.81          | -48.30      | 29.38    | -67.37      | -13.00      | 54.37       | Vertical |
| 6               | 4718.63         | 44.63          | -48.07      | 30.58    | -68.12      | -13.00      | 55.12       | Vertical |

**Test Band = LTE Band 71\_ TM1**  
**Test Channel = High Channel**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 4074.5          | 49.27          | -48.28      | 29.42    | -64.85      | -13.00      | 51.85       | Horizontal |
| 2               | 1358.18         | 52.18          | -50.06      | 24.25    | -68.89      | -13.00      | 55.89       | Horizontal |
| 3               | 2037.27         | 61.33          | -49.59      | 26.37    | -57.15      | -13.00      | 44.15       | Horizontal |
| 4               | 2716.36         | 59.49          | -48.95      | 27.59    | -57.13      | -13.00      | 44.13       | Horizontal |
| 5               | 3395.45         | 58.70          | -48.69      | 28.42    | -56.83      | -13.00      | 43.83       | Horizontal |
| 6               | 4753.63         | 44.71          | -48.05      | 30.66    | -67.94      | -13.00      | 54.94       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 4074.5          | 48.63          | -48.28      | 29.42    | -65.49      | -13.00      | 52.49       | Vertical |
| 2               | 1358.18         | 48.24          | -50.06      | 24.25    | -72.83      | -13.00      | 59.83       | Vertical |
| 3               | 2037.27         | 51.51          | -49.59      | 26.37    | -66.97      | -13.00      | 53.97       | Vertical |
| 4               | 2716.36         | 63.74          | -48.95      | 27.59    | -52.88      | -13.00      | 39.88       | Vertical |
| 5               | 3395.45         | 60.19          | -48.69      | 28.42    | -55.34      | -13.00      | 42.34       | Vertical |
| 6               | 4753.63         | 44.21          | -48.05      | 30.66    | -68.44      | -13.00      | 55.44       | Vertical |