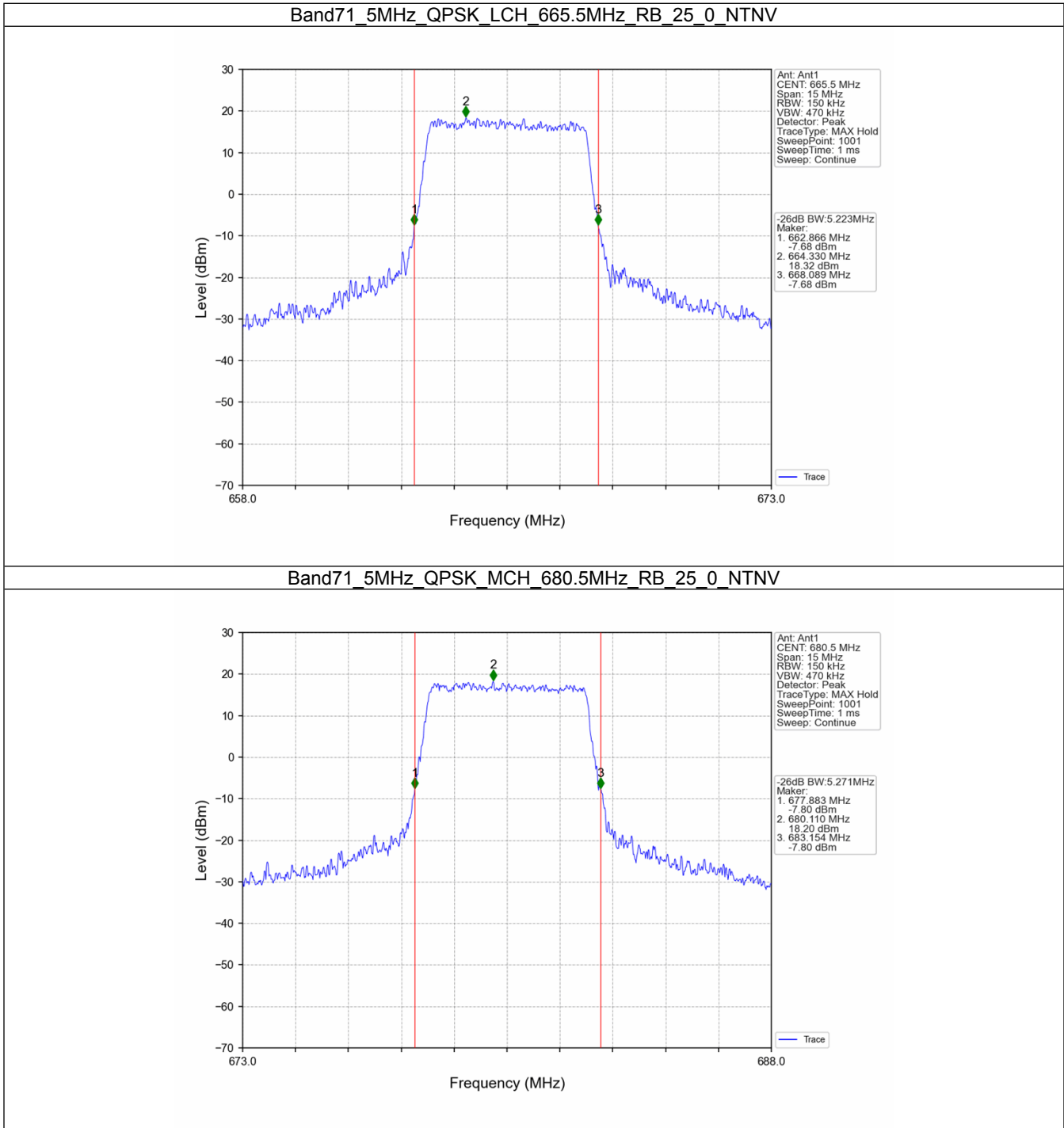


## 3.2 Band71\_XDB

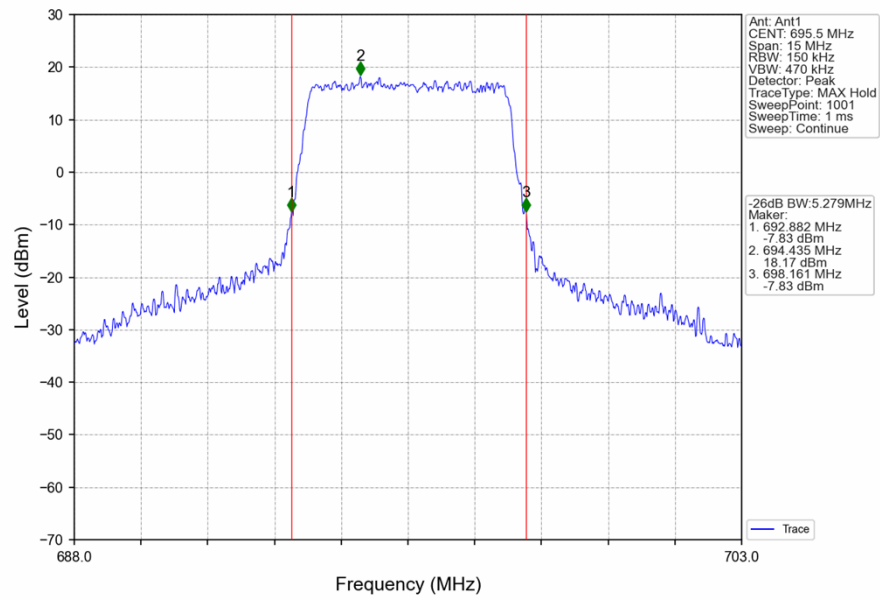
### 3.2.1 Test Result

| Band: 71 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 665.5           | 25            | 0      | 5.223                | /     | Pass    |
|                 |            | 680.5           | 25            | 0      | 5.271                | /     | Pass    |
|                 |            | 695.5           | 25            | 0      | 5.279                | /     | Pass    |
|                 | 16QAM      | 665.5           | 25            | 0      | 5.235                | /     | Pass    |
|                 |            | 680.5           | 25            | 0      | 5.262                | /     | Pass    |
|                 |            | 695.5           | 25            | 0      | 5.230                | /     | Pass    |
| 10              | QPSK       | 668             | 50            | 0      | 10.237               | /     | Pass    |
|                 |            | 680.5           | 50            | 0      | 10.210               | /     | Pass    |
|                 |            | 693             | 50            | 0      | 10.088               | /     | Pass    |
|                 | 16QAM      | 668             | 50            | 0      | 10.204               | /     | Pass    |
|                 |            | 680.5           | 50            | 0      | 10.110               | /     | Pass    |
|                 |            | 693             | 50            | 0      | 10.147               | /     | Pass    |
| 15              | QPSK       | 670.5           | 75            | 0      | 15.270               | /     | Pass    |
|                 |            | 680.5           | 75            | 0      | 15.013               | /     | Pass    |
|                 |            | 690.5           | 75            | 0      | 15.231               | /     | Pass    |
|                 | 16QAM      | 670.5           | 75            | 0      | 15.230               | /     | Pass    |
|                 |            | 680.5           | 75            | 0      | 15.332               | /     | Pass    |
|                 |            | 690.5           | 75            | 0      | 15.205               | /     | Pass    |
| 20              | QPSK       | 673             | 100           | 0      | 19.900               | /     | Pass    |
|                 |            | 683             | 100           | 0      | 20.351               | /     | Pass    |
|                 |            | 688             | 100           | 0      | 20.050               | /     | Pass    |
|                 | 16QAM      | 673             | 100           | 0      | 20.175               | /     | Pass    |
|                 |            | 683             | 100           | 0      | 20.025               | /     | Pass    |
|                 |            | 688             | 100           | 0      | 20.196               | /     | Pass    |

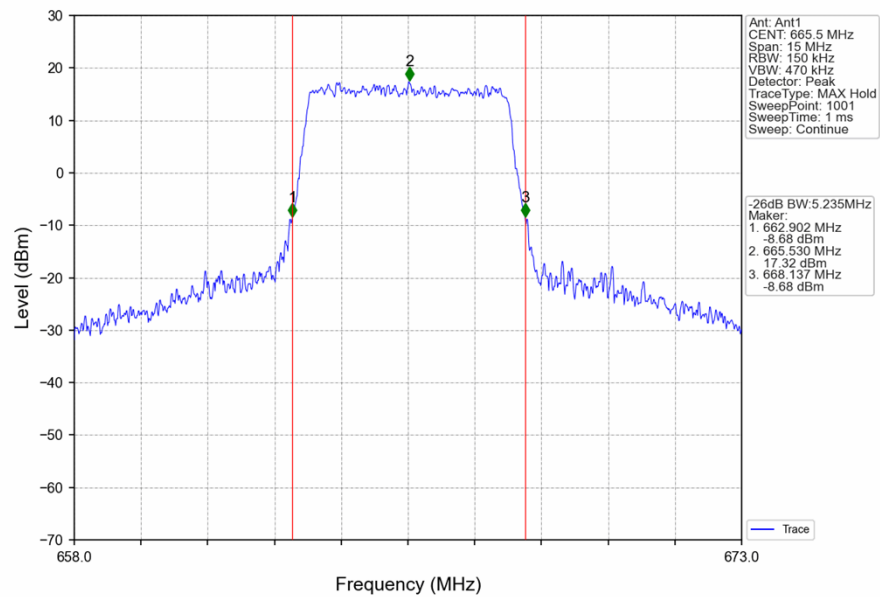
3.2.2 Test Graph



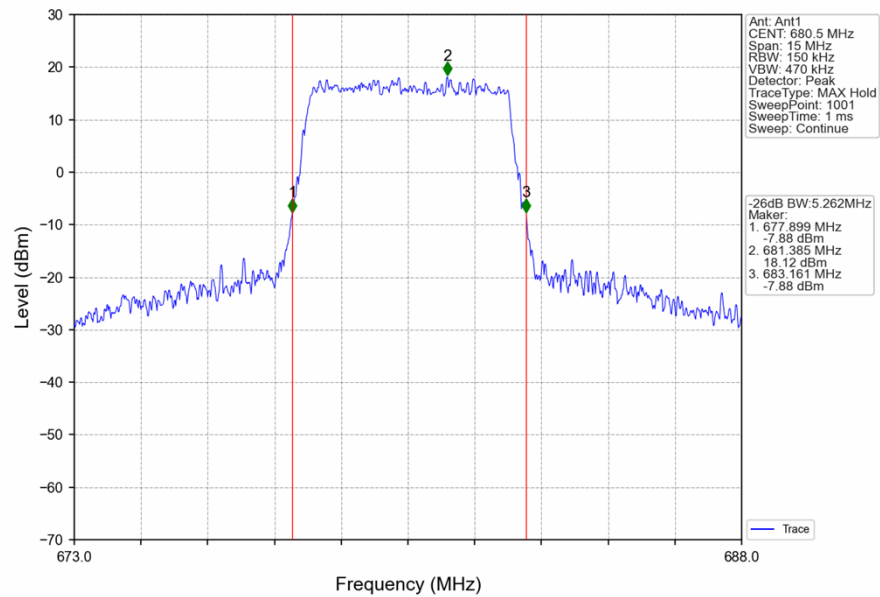
Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



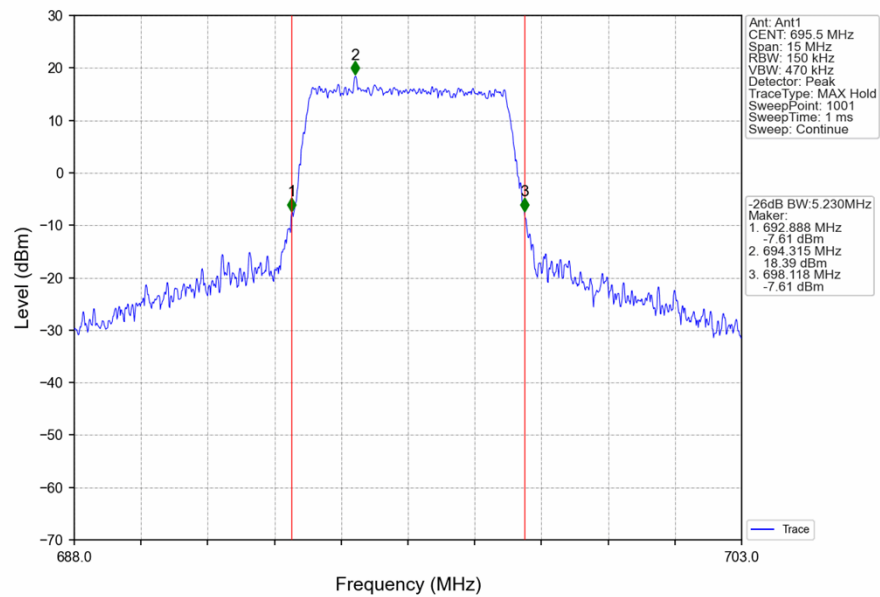
Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



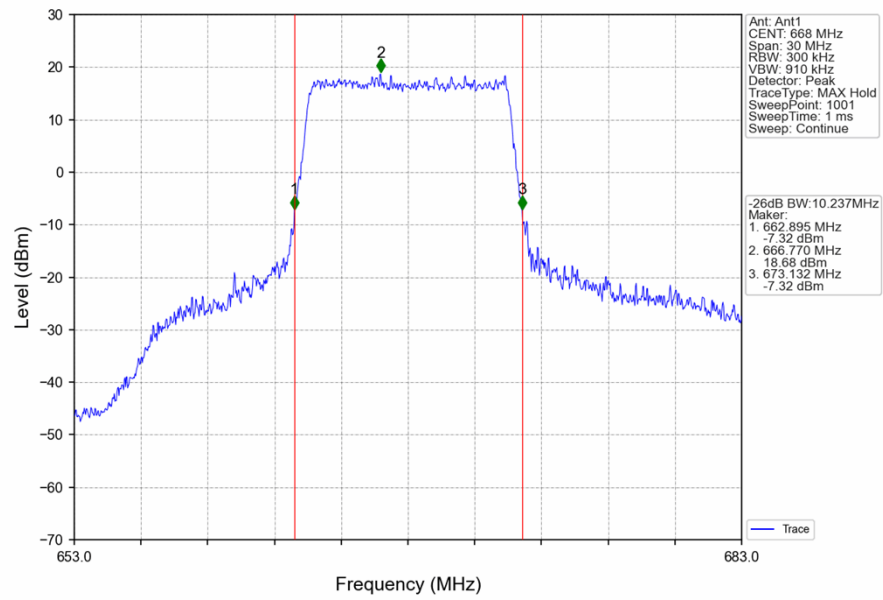
Band71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



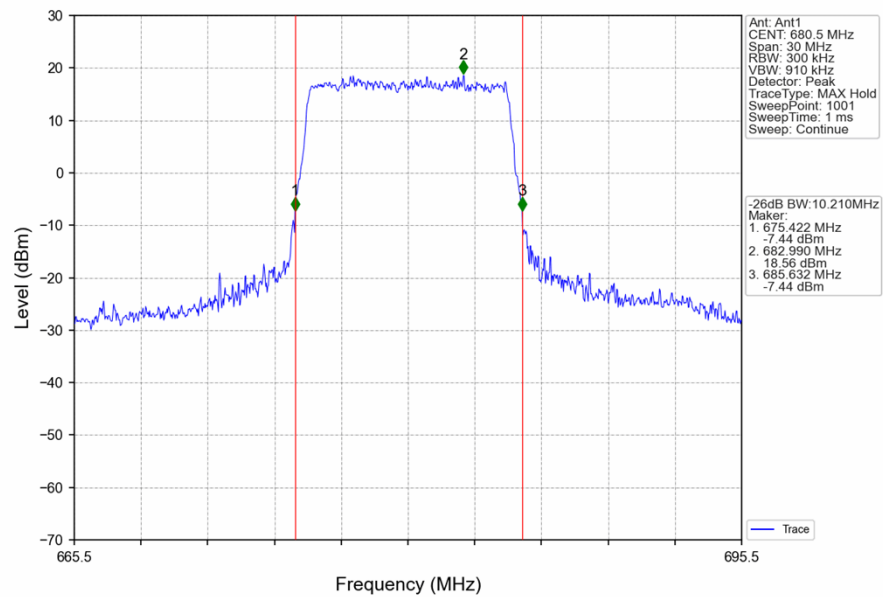
Band71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



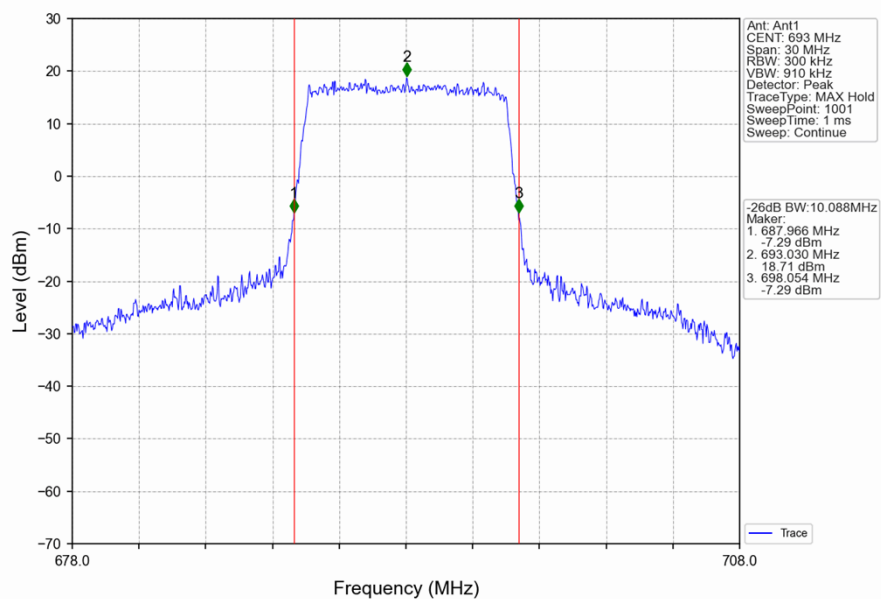
# Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



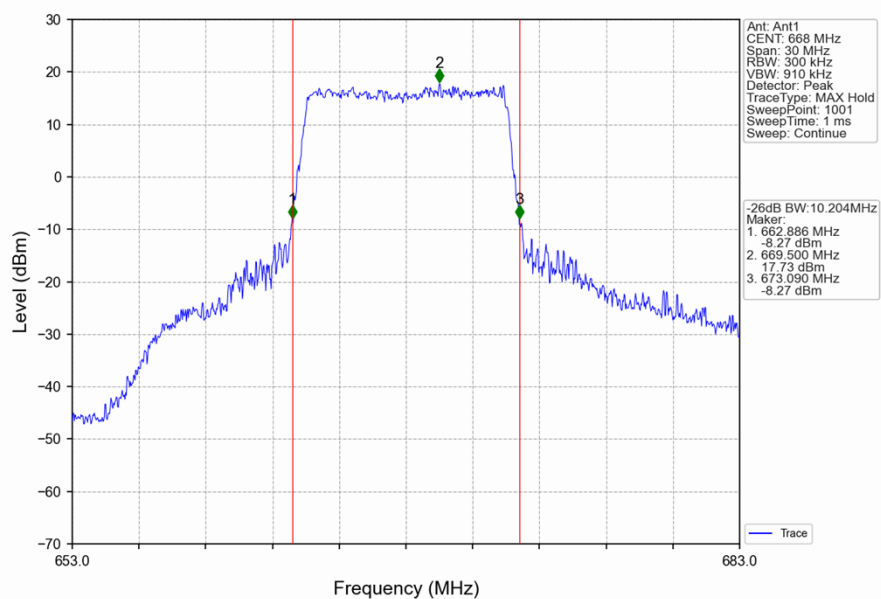
# Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



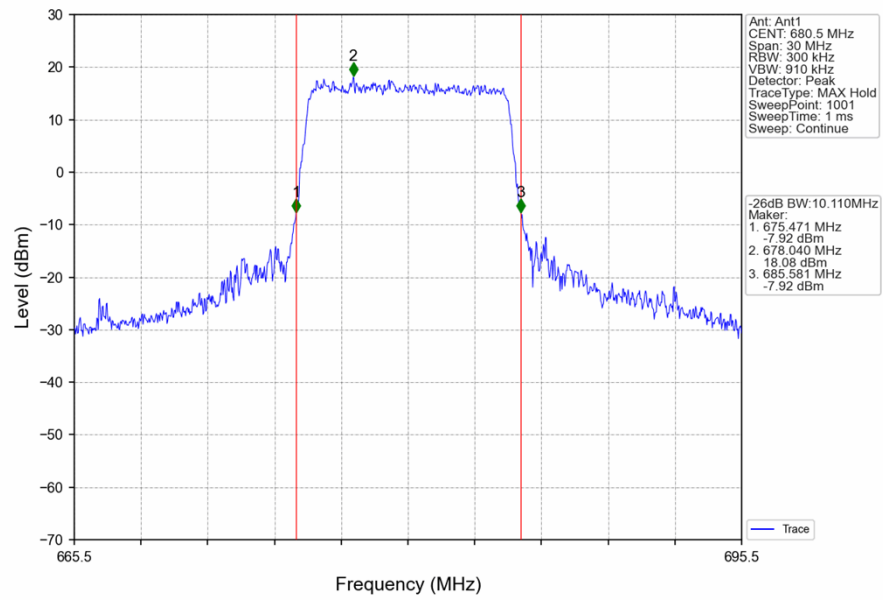
Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



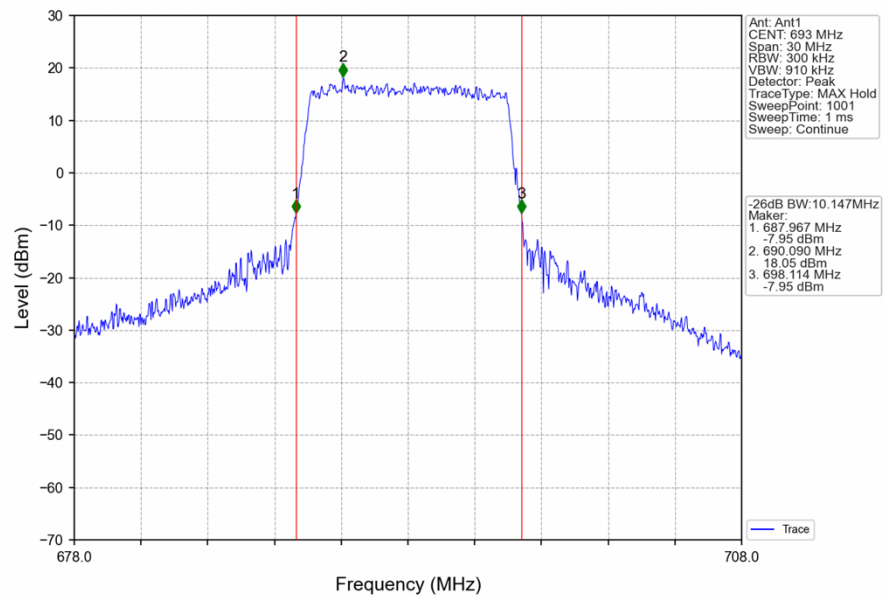
Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



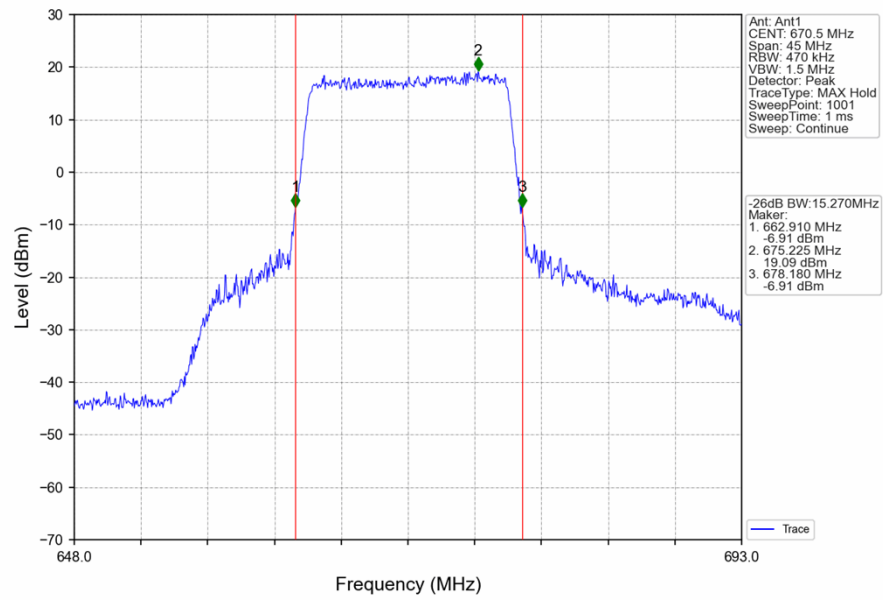
Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



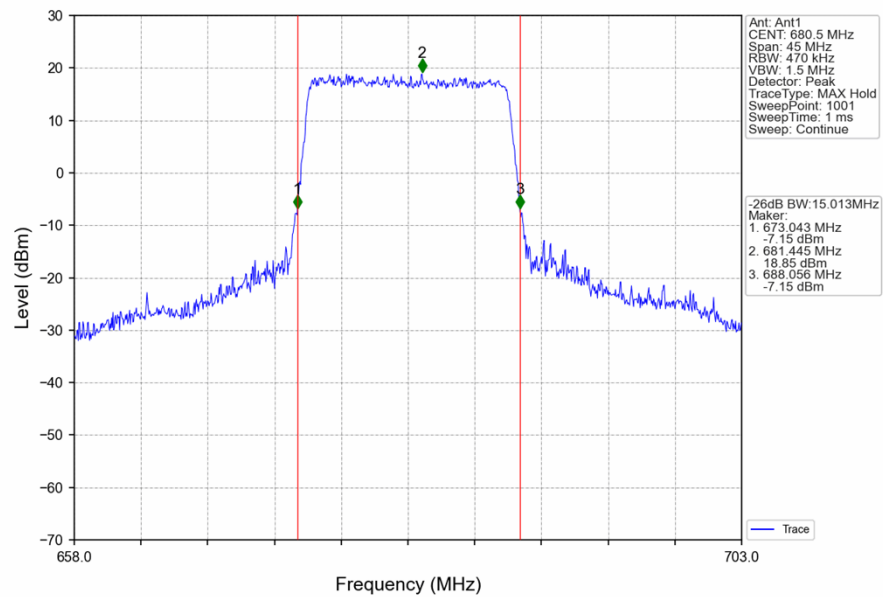
Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



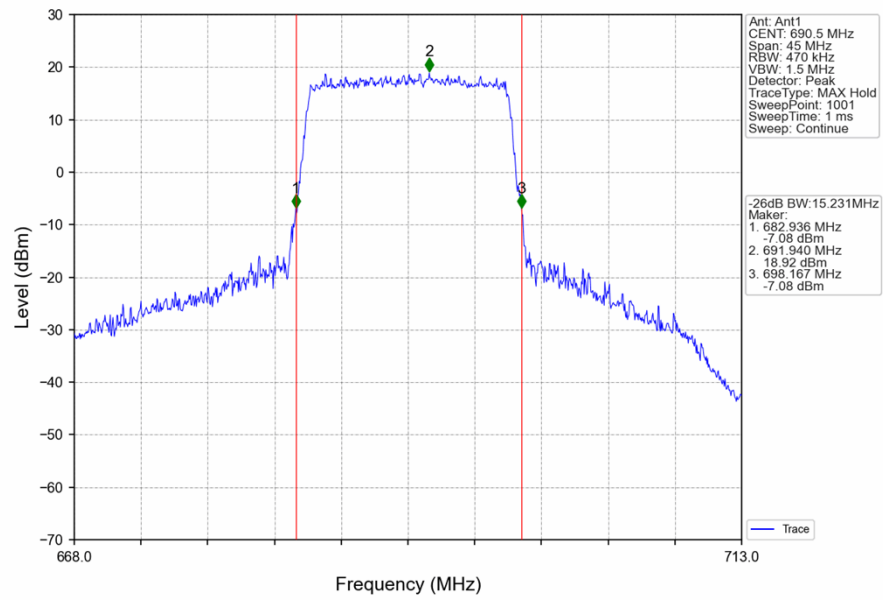
# Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



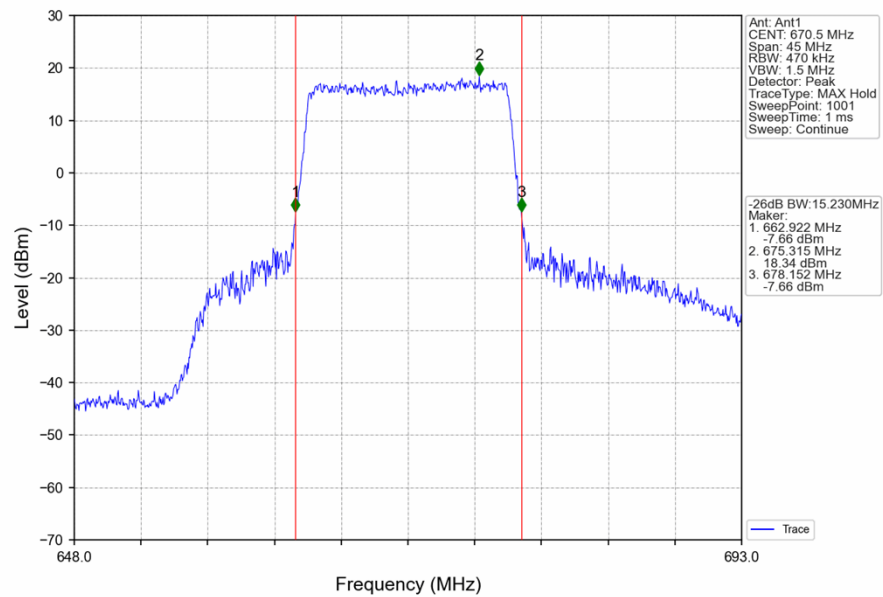
# Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



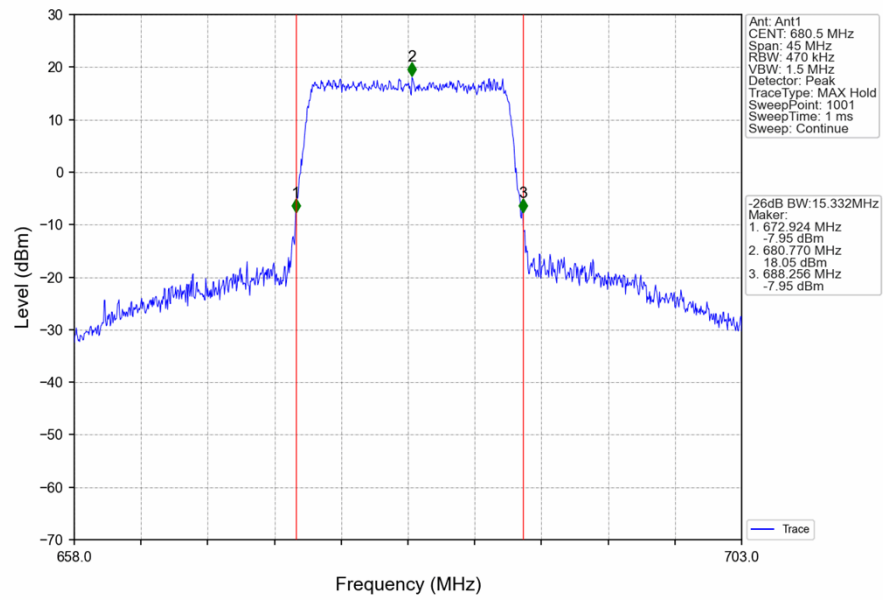
Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



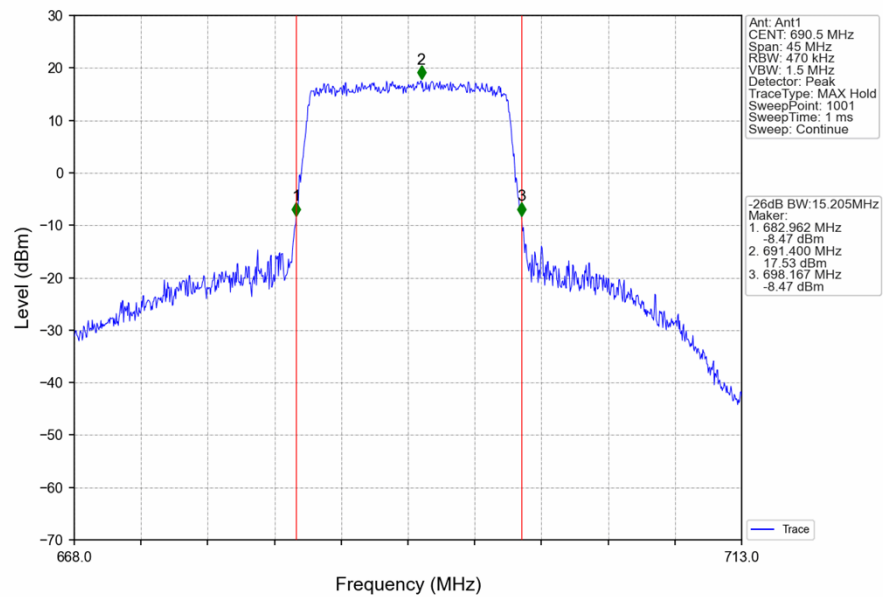
Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



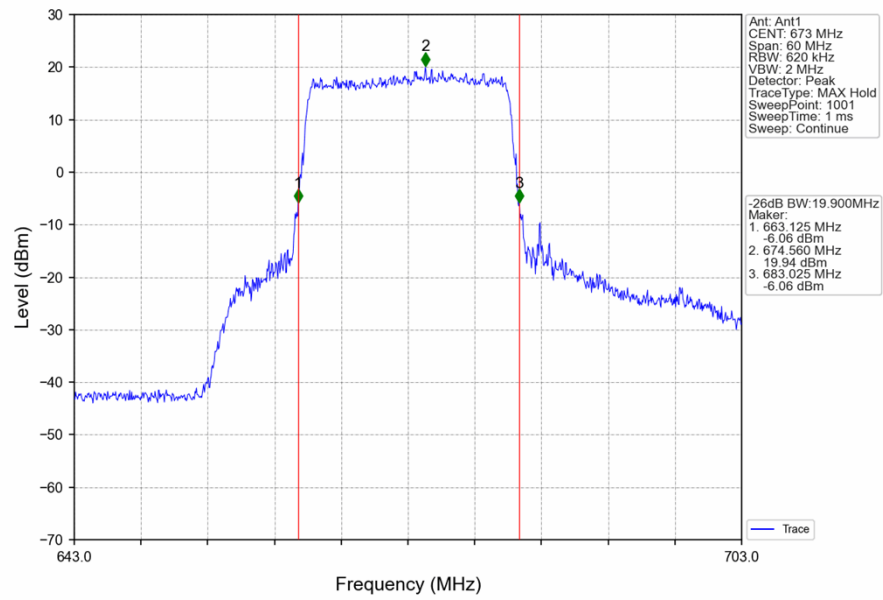
Band71\_15MHz\_16QAM\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



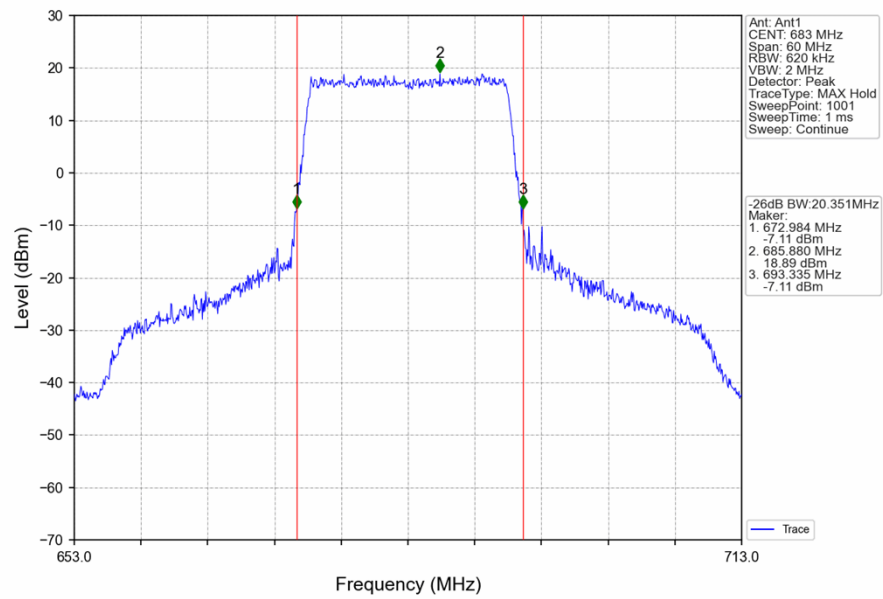
Band71\_15MHz\_16QAM\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



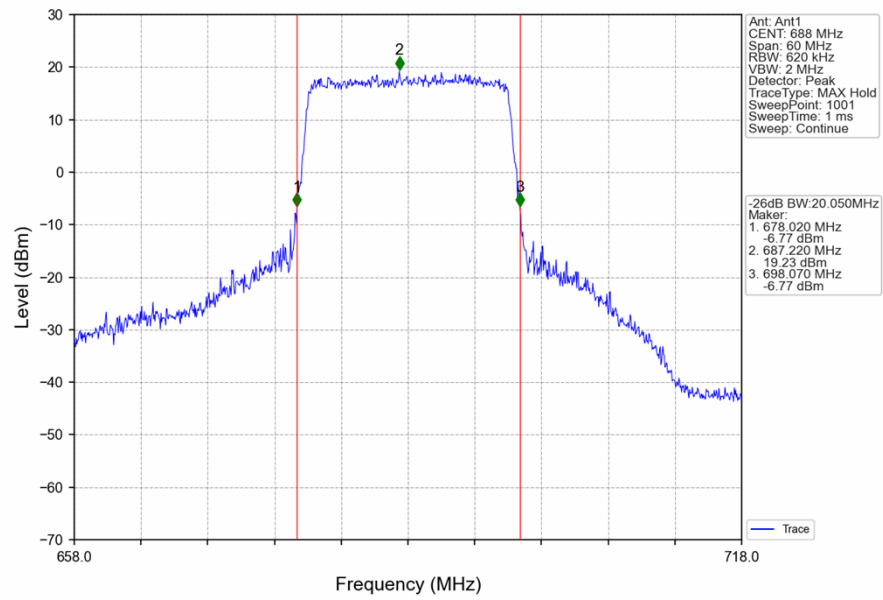
Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



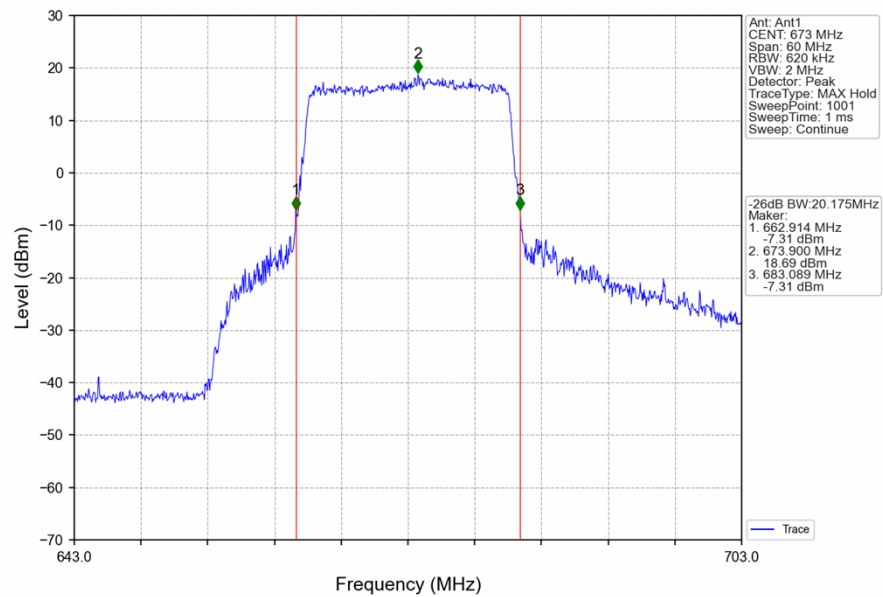
Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_100\_0\_NTNV



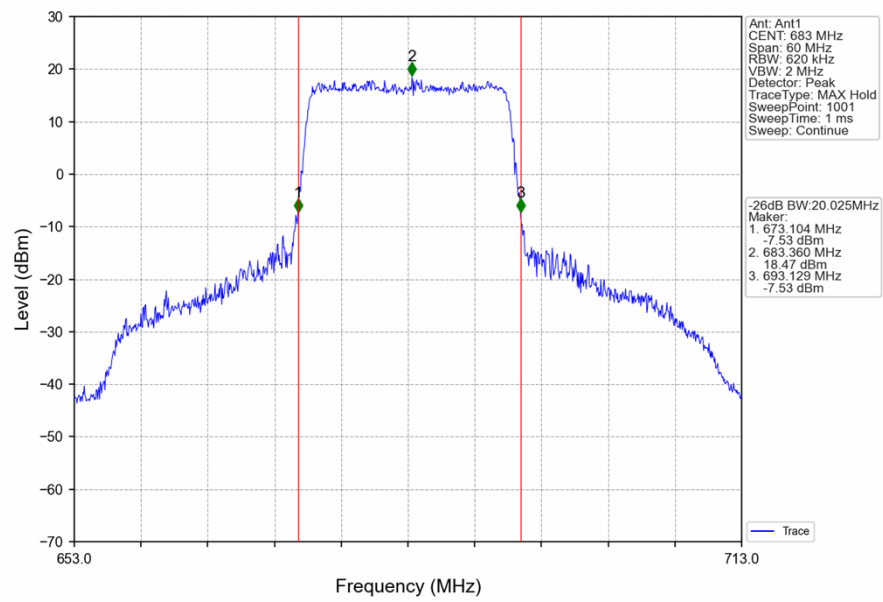
# Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



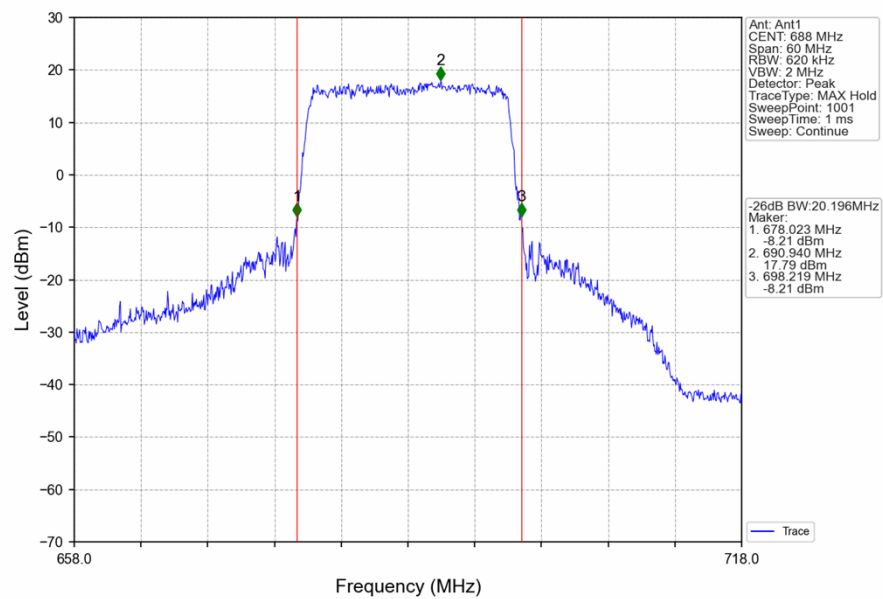
# Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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



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



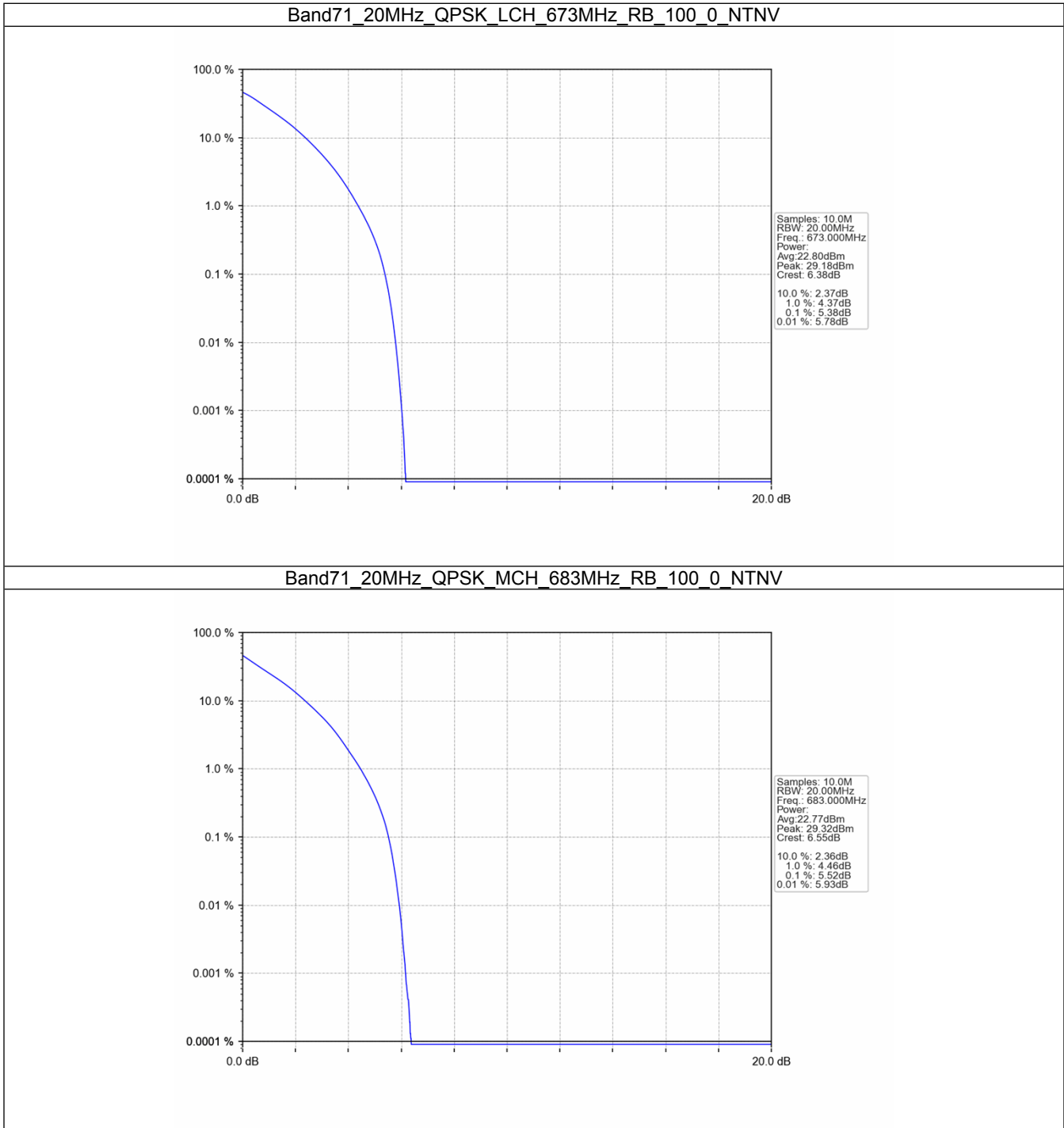
## 4. Peak-Average Ratio

### 4.1 B71\_20MHz

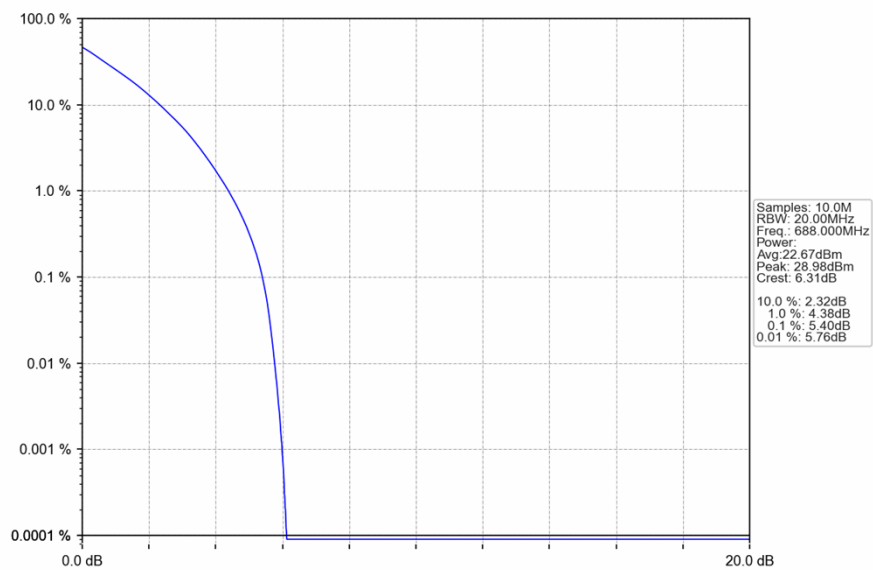
#### 4.1.1 Test Result

| Band: 71 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 673             | 100           | 0      | 5.38                    | <=13  | Pass    |
|                                    | 683             | 100           | 0      | 5.52                    | <=13  | Pass    |
|                                    | 688             | 100           | 0      | 5.40                    | <=13  | Pass    |
| 16QAM                              | 673             | 100           | 0      | 6.25                    | <=13  | Pass    |
|                                    | 683             | 100           | 0      | 6.32                    | <=13  | Pass    |
|                                    | 688             | 100           | 0      | 6.26                    | <=13  | Pass    |

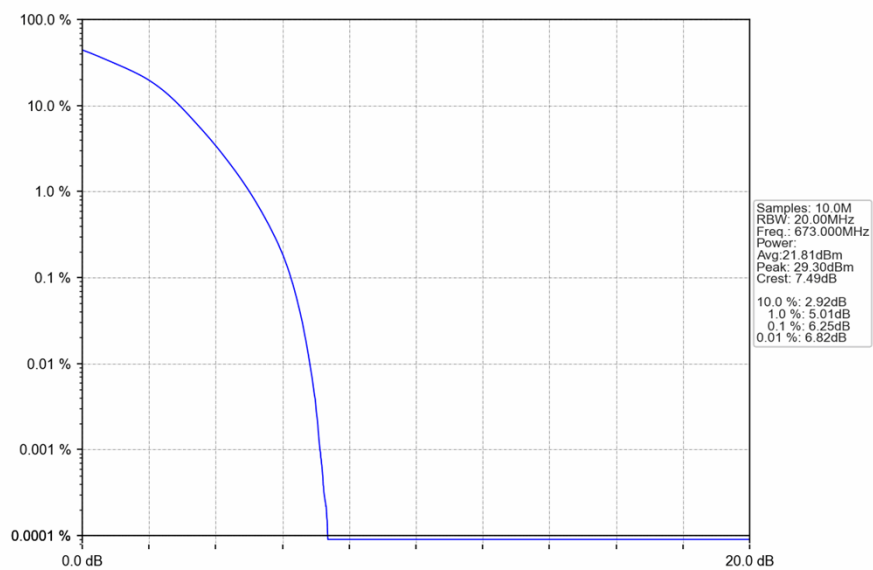
4.1.2 Test Graph



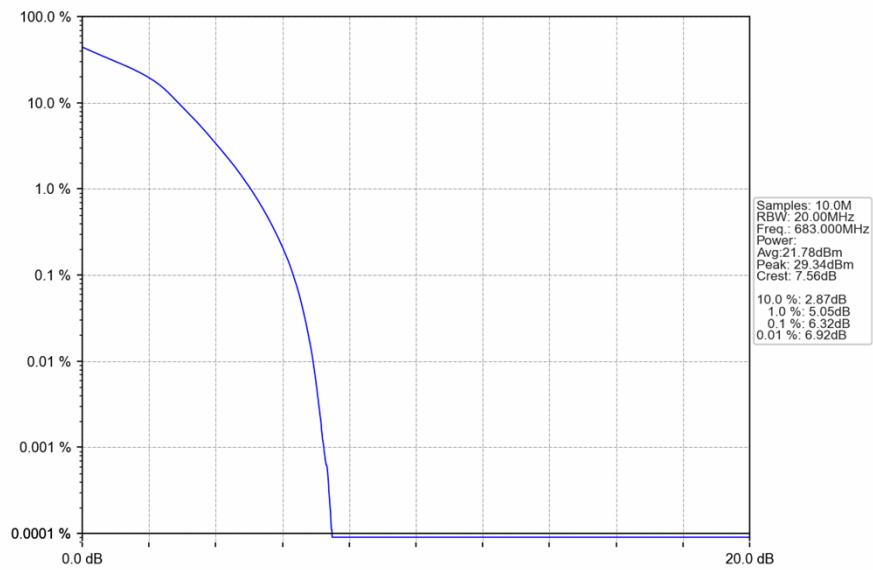
Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



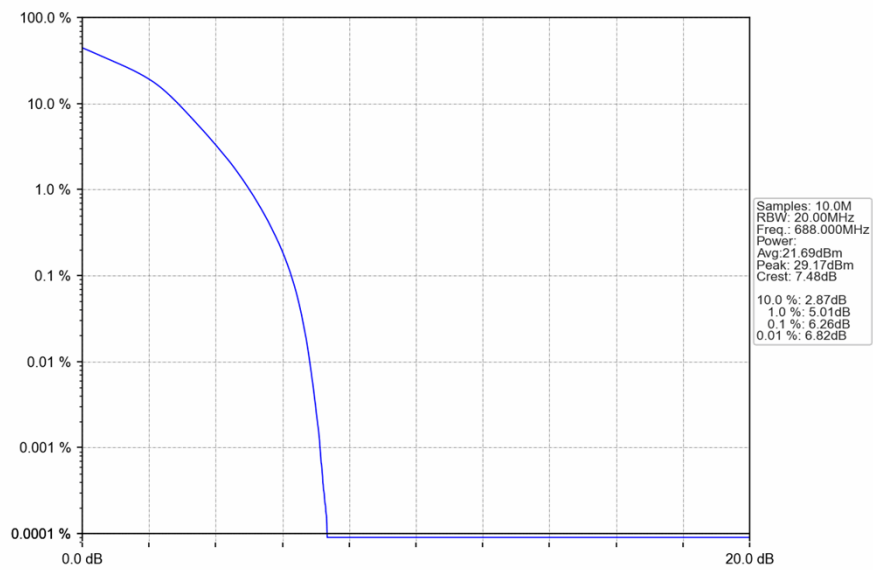
Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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



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



## 5. Spurious Emission

### 5.1 B71\_5MHz

#### 5.1.1 Test Result

| 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    |