

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B38\_5MHz\_EIRP

| Band: 38 / Bandwidth: 5MHz / NTVN        |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 2572.5          | 1             | 0      | 22.66                 | 2.06       | 24.72      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.84                 | 2.06       | 24.90      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.71                 | 2.06       | 24.77      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 21.92                 | 2.06       | 23.98      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 21.98                 | 2.06       | 24.04      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 21.93                 | 2.06       | 23.99      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.94                 | 2.06       | 24.00      | <=33.01 | Pass    |
|                                          | 2595            | 1             | 0      | 22.88                 | 2.06       | 24.94      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.01                 | 2.06       | 25.07      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.75                 | 2.06       | 24.81      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 21.81                 | 2.06       | 23.87      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 21.81                 | 2.06       | 23.87      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 21.89                 | 2.06       | 23.95      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.79                 | 2.06       | 23.85      | <=33.01 | Pass    |
|                                          | 2617.5          | 1             | 0      | 22.76                 | 2.06       | 24.82      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.98                 | 2.06       | 25.04      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.44                 | 2.06       | 24.50      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 21.85                 | 2.06       | 23.91      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 21.98                 | 2.06       | 24.04      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 21.82                 | 2.06       | 23.88      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.86                 | 2.06       | 23.92      | <=33.01 | Pass    |
| 16QAM                                    | 2572.5          | 1             | 0      | 21.87                 | 2.06       | 23.93      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 21.84                 | 2.06       | 23.90      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 21.61                 | 2.06       | 23.67      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 20.90                 | 2.06       | 22.96      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 21.02                 | 2.06       | 23.08      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 20.91                 | 2.06       | 22.97      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.06                 | 2.06       | 23.12      | <=33.01 | Pass    |
|                                          | 2595            | 1             | 0      | 22.22                 | 2.06       | 24.28      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.62                 | 2.06       | 24.68      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.16                 | 2.06       | 24.22      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 20.84                 | 2.06       | 22.90      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 20.98                 | 2.06       | 23.04      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 20.81                 | 2.06       | 22.87      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 20.99                 | 2.06       | 23.05      | <=33.01 | Pass    |
|                                          | 2617.5          | 1             | 0      | 22.03                 | 2.06       | 24.09      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.66                 | 2.06       | 24.72      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 21.72                 | 2.06       | 23.78      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 20.75                 | 2.06       | 22.81      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 20.70                 | 2.06       | 22.76      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 20.54                 | 2.06       | 22.60      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 20.93                 | 2.06       | 22.99      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

### 1.1.2 B38\_10MHz\_EIRP

|                                    |
|------------------------------------|
| Band: 38 / Bandwidth: 10MHz / NTNV |
|------------------------------------|

| Modulation                               | Frequency<br>(MHz) | RB Allocation |        | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |      |
|------------------------------------------|--------------------|---------------|--------|--------------------------|---------------|------------|---------|---------|------|
|                                          |                    | Size          | Offset |                          |               | Result     | Limit   |         |      |
| QPSK                                     | 2575               | 1             | 0      | 23.07                    | 2.06          | 25.13      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 23.01                    | 2.06          | 25.07      | <=33.01 | Pass    |      |
|                                          |                    |               | 49     | 22.84                    | 2.06          | 24.90      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 22.00                    | 2.06          | 24.06      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 21.95                    | 2.06          | 24.01      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 21.93                    | 2.06          | 23.99      | <=33.01 | Pass    |      |
|                                          |                    | 50            | 0      | 22.02                    | 2.06          | 24.08      | <=33.01 | Pass    |      |
|                                          |                    | 2595          | 1      | 0                        | 23.12         | 2.06       | 25.18   | <=33.01 | Pass |
|                                          |                    |               |        | 25                       | 22.94         | 2.06       | 25.00   | <=33.01 | Pass |
|                                          | 49                 |               |        | 22.86                    | 2.06          | 24.92      | <=33.01 | Pass    |      |
|                                          | 25                 |               | 0      | 22.02                    | 2.06          | 24.08      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 22.01                    | 2.06          | 24.07      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 22.06                    | 2.06          | 24.12      | <=33.01 | Pass    |      |
|                                          | 50                 | 0             | 22.04  | 2.06                     | 24.10         | <=33.01    | Pass    |         |      |
|                                          | 2615               | 1             | 0      | 23.13                    | 2.06          | 25.19      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 22.93                    | 2.06          | 24.99      | <=33.01 | Pass    |      |
|                                          |                    |               | 49     | 22.57                    | 2.06          | 24.63      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 22.09                    | 2.06          | 24.15      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 22.00                    | 2.06          | 24.06      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 21.95                    | 2.06          | 24.01      | <=33.01 | Pass    |      |
|                                          |                    | 50            | 0      | 22.05                    | 2.06          | 24.11      | <=33.01 | Pass    |      |
| 16QAM                                    |                    | 2575          | 1      | 0                        | 21.34         | 2.06       | 23.40   | <=33.01 | Pass |
|                                          |                    |               |        | 25                       | 22.00         | 2.06       | 24.06   | <=33.01 | Pass |
|                                          | 49                 |               |        | 21.17                    | 2.06          | 23.23      | <=33.01 | Pass    |      |
|                                          | 25                 |               | 0      | 20.83                    | 2.06          | 22.89      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 20.95                    | 2.06          | 23.01      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 20.99                    | 2.06          | 23.05      | <=33.01 | Pass    |      |
|                                          | 50                 |               | 0      | 20.87                    | 2.06          | 22.93      | <=33.01 | Pass    |      |
|                                          | 2595               | 1             | 0      | 22.59                    | 2.06          | 24.65      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 22.73                    | 2.06          | 24.79      | <=33.01 | Pass    |      |
|                                          |                    |               | 49     | 22.36                    | 2.06          | 24.42      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 20.94                    | 2.06          | 23.00      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 21.00                    | 2.06          | 23.06      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 20.90                    | 2.06          | 22.96      | <=33.01 | Pass    |      |
|                                          | 50                 | 0             | 21.07  | 2.06                     | 23.13         | <=33.01    | Pass    |         |      |
|                                          | 2615               | 1             | 0      | 22.79                    | 2.06          | 24.85      | <=33.01 | Pass    |      |
|                                          |                    |               | 25     | 22.78                    | 2.06          | 24.84      | <=33.01 | Pass    |      |
|                                          |                    |               | 49     | 22.29                    | 2.06          | 24.35      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 21.21                    | 2.06          | 23.27      | <=33.01 | Pass    |      |
| 13                                       |                    |               | 21.20  | 2.06                     | 23.26         | <=33.01    | Pass    |         |      |
| 25                                       |                    |               | 20.99  | 2.06                     | 23.05         | <=33.01    | Pass    |         |      |
| 50                                       |                    | 0             | 20.85  | 2.06                     | 22.91         | <=33.01    | Pass    |         |      |
| Note1: EIRP=Conducted Power+Antenna Gain |                    |               |        |                          |               |            |         |         |      |

### 1.1.3 B38\_15MHz\_EIRP

| Band: 38 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2577.5          | 1             | 0      | 23.03                 | 2.06       | 25.09      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.85                 | 2.06       | 24.91      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.86                 | 2.06       | 24.92      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.01                 | 2.06       | 24.07      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 21.96                 | 2.06       | 24.02      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 21.83                 | 2.06       | 23.89      | <=33.01 | Pass    |

|                                          |       |        |       |       |       |         |         |         |      |
|------------------------------------------|-------|--------|-------|-------|-------|---------|---------|---------|------|
|                                          | 2595  | 75     | 0     | 21.92 | 2.06  | 23.98   | <=33.01 | Pass    |      |
|                                          |       | 1      | 0     | 22.96 | 2.06  | 25.02   | <=33.01 | Pass    |      |
|                                          |       |        | 38    | 23.04 | 2.06  | 25.10   | <=33.01 | Pass    |      |
|                                          |       |        | 74    | 23.11 | 2.06  | 25.17   | <=33.01 | Pass    |      |
|                                          |       |        | 0     | 22.04 | 2.06  | 24.10   | <=33.01 | Pass    |      |
|                                          |       | 36     | 18    | 21.96 | 2.06  | 24.02   | <=33.01 | Pass    |      |
|                                          |       |        | 39    | 22.12 | 2.06  | 24.18   | <=33.01 | Pass    |      |
|                                          |       |        | 75    | 0     | 22.01 | 2.06    | 24.07   | <=33.01 | Pass |
|                                          |       | 2612.5 | 1     | 0     | 22.95 | 2.06    | 25.01   | <=33.01 | Pass |
|                                          |       |        |       | 38    | 22.72 | 2.06    | 24.78   | <=33.01 | Pass |
|                                          | 74    |        |       | 22.67 | 2.06  | 24.73   | <=33.01 | Pass    |      |
|                                          | 36    |        | 0     | 22.07 | 2.06  | 24.13   | <=33.01 | Pass    |      |
|                                          |       |        | 18    | 22.01 | 2.06  | 24.07   | <=33.01 | Pass    |      |
|                                          |       |        | 39    | 22.05 | 2.06  | 24.11   | <=33.01 | Pass    |      |
|                                          | 75    | 0      | 22.08 | 2.06  | 24.14 | <=33.01 | Pass    |         |      |
|                                          | 16QAM | 2577.5 | 1     | 0     | 21.71 | 2.06    | 23.77   | <=33.01 | Pass |
| 38                                       |       |        |       | 21.55 | 2.06  | 23.61   | <=33.01 | Pass    |      |
| 74                                       |       |        |       | 21.45 | 2.06  | 23.51   | <=33.01 | Pass    |      |
| 36                                       |       |        | 0     | 20.99 | 2.06  | 23.05   | <=33.01 | Pass    |      |
|                                          |       |        | 18    | 20.78 | 2.06  | 22.84   | <=33.01 | Pass    |      |
|                                          |       |        | 39    | 20.80 | 2.06  | 22.86   | <=33.01 | Pass    |      |
| 75                                       |       |        | 0     | 20.90 | 2.06  | 22.96   | <=33.01 | Pass    |      |
| 2595                                     |       | 1      | 0     | 22.53 | 2.06  | 24.59   | <=33.01 | Pass    |      |
|                                          |       |        | 38    | 22.31 | 2.06  | 24.37   | <=33.01 | Pass    |      |
|                                          |       |        | 74    | 22.37 | 2.06  | 24.43   | <=33.01 | Pass    |      |
|                                          |       | 36     | 0     | 21.12 | 2.06  | 23.18   | <=33.01 | Pass    |      |
|                                          |       |        | 18    | 21.15 | 2.06  | 23.21   | <=33.01 | Pass    |      |
|                                          |       |        | 39    | 21.11 | 2.06  | 23.17   | <=33.01 | Pass    |      |
| 75                                       |       | 0      | 21.05 | 2.06  | 23.11 | <=33.01 | Pass    |         |      |
| 2612.5                                   |       | 1      | 0     | 21.92 | 2.06  | 23.98   | <=33.01 | Pass    |      |
|                                          |       |        | 38    | 21.95 | 2.06  | 24.01   | <=33.01 | Pass    |      |
|                                          |       |        | 74    | 22.12 | 2.06  | 24.18   | <=33.01 | Pass    |      |
|                                          |       | 36     | 0     | 20.86 | 2.06  | 22.92   | <=33.01 | Pass    |      |
|                                          |       |        | 18    | 20.84 | 2.06  | 22.90   | <=33.01 | Pass    |      |
|                                          |       |        | 39    | 21.04 | 2.06  | 23.10   | <=33.01 | Pass    |      |
|                                          |       | 75     | 0     | 20.96 | 2.06  | 23.02   | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |        |       |       |       |         |         |         |      |

#### 1.1.4 B38\_20MHz\_EIRP

| Band: 38 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2580            | 1             | 0      | 22.86                 | 2.06       | 24.92      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.00                 | 2.06       | 25.06      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.09                 | 2.06       | 25.15      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.04                 | 2.06       | 24.10      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.95                 | 2.06       | 24.01      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.00                 | 2.06       | 24.06      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.99                 | 2.06       | 24.05      | <=33.01 | Pass    |
|                                    | 2595            | 1             | 0      | 23.03                 | 2.06       | 25.09      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.05                 | 2.06       | 25.11      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.91                 | 2.06       | 24.97      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.03                 | 2.06       | 24.09      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.06                 | 2.06       | 24.12      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.03                 | 2.06       | 24.09      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 22.04                 | 2.06       | 24.10      | <=33.01 | Pass    |

|       |      |     |    |       |      |       |         |      |
|-------|------|-----|----|-------|------|-------|---------|------|
| 16QAM | 2610 | 1   | 0  | 22.88 | 2.06 | 24.94 | <=33.01 | Pass |
|       |      |     | 50 | 23.04 | 2.06 | 25.10 | <=33.01 | Pass |
|       |      |     | 99 | 22.60 | 2.06 | 24.66 | <=33.01 | Pass |
|       |      | 50  | 0  | 22.08 | 2.06 | 24.14 | <=33.01 | Pass |
|       |      |     | 25 | 22.10 | 2.06 | 24.16 | <=33.01 | Pass |
|       |      |     | 50 | 21.93 | 2.06 | 23.99 | <=33.01 | Pass |
|       |      | 100 | 0  | 22.13 | 2.06 | 24.19 | <=33.01 | Pass |
|       |      |     | 0  | 22.35 | 2.06 | 24.41 | <=33.01 | Pass |
|       |      |     | 50 | 22.86 | 2.06 | 24.92 | <=33.01 | Pass |
| 16QAM | 2580 | 1   | 99 | 22.68 | 2.06 | 24.74 | <=33.01 | Pass |
|       |      |     | 0  | 21.18 | 2.06 | 23.24 | <=33.01 | Pass |
|       |      |     | 25 | 21.07 | 2.06 | 23.13 | <=33.01 | Pass |
|       |      | 50  | 50 | 21.09 | 2.06 | 23.15 | <=33.01 | Pass |
|       |      |     | 0  | 21.04 | 2.06 | 23.10 | <=33.01 | Pass |
|       |      |     | 0  | 21.69 | 2.06 | 23.75 | <=33.01 | Pass |
|       |      | 1   | 50 | 22.15 | 2.06 | 24.21 | <=33.01 | Pass |
|       |      |     | 99 | 22.19 | 2.06 | 24.25 | <=33.01 | Pass |
|       |      |     | 0  | 21.00 | 2.06 | 23.06 | <=33.01 | Pass |
| 16QAM | 2595 | 50  | 25 | 21.07 | 2.06 | 23.13 | <=33.01 | Pass |
|       |      |     | 50 | 21.07 | 2.06 | 23.13 | <=33.01 | Pass |
|       |      |     | 0  | 20.94 | 2.06 | 23.00 | <=33.01 | Pass |
|       |      | 100 | 0  | 22.82 | 2.06 | 24.88 | <=33.01 | Pass |
|       |      |     | 50 | 22.45 | 2.06 | 24.51 | <=33.01 | Pass |
|       |      |     | 99 | 22.38 | 2.06 | 24.44 | <=33.01 | Pass |
|       |      | 1   | 0  | 21.19 | 2.06 | 23.25 | <=33.01 | Pass |
|       |      |     | 25 | 21.19 | 2.06 | 23.25 | <=33.01 | Pass |
|       |      |     | 50 | 21.05 | 2.06 | 23.11 | <=33.01 | Pass |
|       | 2610 | 50  | 0  | 21.12 | 2.06 | 23.18 | <=33.01 | Pass |
|       |      |     | 0  | 22.88 | 2.06 | 24.94 | <=33.01 | Pass |
|       |      |     | 50 | 23.04 | 2.06 | 25.10 | <=33.01 | Pass |
|       |      | 1   | 99 | 22.60 | 2.06 | 24.66 | <=33.01 | Pass |
|       |      |     | 0  | 22.08 | 2.06 | 24.14 | <=33.01 | Pass |
|       |      |     | 25 | 22.10 | 2.06 | 24.16 | <=33.01 | Pass |
|       |      | 50  | 50 | 21.93 | 2.06 | 23.99 | <=33.01 | Pass |
|       |      |     | 0  | 22.13 | 2.06 | 24.19 | <=33.01 | Pass |
|       |      |     | 0  | 22.35 | 2.06 | 24.41 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B38\_20MHz

| Band: 38 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |       |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                        | 2580            | 100           | 0      | 20         | 3.55          | 2.604            | 0.0010                | /     | Pass    |
|                             |                 |               |        |            | 4             | 2.718            | 0.0011                | /     | Pass    |
|                             |                 |               |        |            | 4.4           | 0.772            | 0.0003                | /     | Pass    |
|                             |                 |               |        | -30        | 4             | -3.376           | -0.0013               | /     | Pass    |
|                             |                 |               |        | -20        | 4             | 2.089            | 0.0008                | /     | Pass    |
|                             |                 |               |        | -10        | 4             | 0.615            | 0.0002                | /     | Pass    |
|                             |                 |               |        | 0          | 4             | -0.787           | -0.0003               | /     | Pass    |
|                             |                 |               |        | 10         | 4             | -0.672           | -0.0003               | /     | Pass    |
|                             |                 |               |        | 30         | 4             | -2.131           | -0.0008               | /     | Pass    |
|                             |                 |               |        | 40         | 4             | 5.937            | 0.0023                | /     | Pass    |
|                             |                 |               |        | 50         | 4             | 3.462            | 0.0013                | /     | Pass    |
|                             | 2595            | 100           | 0      | 20         | 3.55          | 0.401            | 0.0002                | /     | Pass    |
|                             |                 |               |        |            | 4             | 1.874            | 0.0007                | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -0.186           | -0.0001               | /     | Pass    |
|                             |                 |               |        | -30        | 4             | -0.887           | -0.0003               | /     | Pass    |
|                             |                 |               |        | -20        | 4             | 1.488            | 0.0006                | /     | Pass    |
|                             |                 |               |        | -10        | 4             | -1.159           | -0.0004               | /     | Pass    |
|                             |                 |               |        | 0          | 4             | 1.616            | 0.0006                | /     | Pass    |

|       |      |     |   |     |      |        |         |   |      |
|-------|------|-----|---|-----|------|--------|---------|---|------|
|       |      |     |   | 10  | 4    | 1.159  | 0.0004  | / | Pass |
|       |      |     |   | 30  | 4    | -3.448 | -0.0013 | / | Pass |
|       |      |     |   | 40  | 4    | -2.918 | -0.0011 | / | Pass |
|       |      |     |   | 50  | 4    | -2.389 | -0.0009 | / | Pass |
|       | 2610 | 100 | 0 | 20  | 3.55 | 0.572  | 0.0002  | / | Pass |
|       |      |     |   |     | 4    | -1.917 | -0.0007 | / | Pass |
|       |      |     |   |     | 4.4  | -1.774 | -0.0007 | / | Pass |
|       |      |     |   | -30 | 4    | -0.486 | -0.0002 | / | Pass |
|       |      |     |   | -20 | 4    | -3.290 | -0.0013 | / | Pass |
|       |      |     |   | -10 | 4    | -3.290 | -0.0013 | / | Pass |
|       |      |     |   | 0   | 4    | -0.973 | -0.0004 | / | Pass |
|       |      |     |   | 10  | 4    | -1.216 | -0.0005 | / | Pass |
|       |      |     |   | 30  | 4    | -0.229 | -0.0001 | / | Pass |
|       |      |     |   | 40  | 4    | 1.860  | 0.0007  | / | Pass |
|       |      |     |   | 50  | 4    | -2.761 | -0.0011 | / | Pass |
| 16QAM | 2580 | 100 | 0 | 20  | 3.55 | -0.815 | -0.0003 | / | Pass |
|       |      |     |   |     | 4    | -0.143 | -0.0001 | / | Pass |
|       |      |     |   |     | 4.4  | -1.030 | -0.0004 | / | Pass |
|       |      |     |   | -30 | 4    | 2.117  | 0.0008  | / | Pass |
|       |      |     |   | -20 | 4    | 0.830  | 0.0003  | / | Pass |
|       |      |     |   | -10 | 4    | -1.445 | -0.0006 | / | Pass |
|       |      |     |   | 0   | 4    | -1.802 | -0.0007 | / | Pass |
|       |      |     |   | 10  | 4    | -0.558 | -0.0002 | / | Pass |
|       |      |     |   | 30  | 4    | -1.216 | -0.0005 | / | Pass |
|       |      |     |   | 40  | 4    | -0.687 | -0.0003 | / | Pass |
|       |      |     |   | 50  | 4    | 0.687  | 0.0003  | / | Pass |
|       | 2595 | 100 | 0 | 20  | 3.55 | -4.120 | -0.0016 | / | Pass |
|       |      |     |   |     | 4    | 0.100  | 0.0000  | / | Pass |
|       |      |     |   |     | 4.4  | 0.429  | 0.0002  | / | Pass |
|       |      |     |   | -30 | 4    | 1.516  | 0.0006  | / | Pass |
|       |      |     |   | -20 | 4    | 0.515  | 0.0002  | / | Pass |
|       |      |     |   | -10 | 4    | -1.802 | -0.0007 | / | Pass |
|       |      |     |   | 0   | 4    | 1.473  | 0.0006  | / | Pass |
|       |      |     |   | 10  | 4    | -3.405 | -0.0013 | / | Pass |
|       |      |     |   | 30  | 4    | 0.315  | 0.0001  | / | Pass |
|       |      |     |   | 40  | 4    | 1.903  | 0.0007  | / | Pass |
|       |      |     |   | 50  | 4    | -1.988 | -0.0008 | / | Pass |
|       | 2610 | 100 | 0 | 20  | 3.55 | 0.215  | 0.0001  | / | Pass |
|       |      |     |   |     | 4    | -1.802 | -0.0007 | / | Pass |
|       |      |     |   |     | 4.4  | -2.432 | -0.0009 | / | Pass |
|       |      |     |   | -30 | 4    | 0.515  | 0.0002  | / | Pass |
|       |      |     |   | -20 | 4    | -1.831 | -0.0007 | / | Pass |
|       |      |     |   | -10 | 4    | -2.275 | -0.0009 | / | Pass |
|       |      |     |   | 0   | 4    | -2.275 | -0.0009 | / | Pass |
|       |      |     |   | 10  | 4    | -4.663 | -0.0018 | / | Pass |
|       |      |     |   | 30  | 4    | -0.072 | 0.0000  | / | Pass |
|       |      |     |   | 40  | 4    | 1.445  | 0.0006  | / | Pass |
|       |      |     |   | 50  | 4    | 0.043  | 0.0000  | / | Pass |

### 3. Field Strength of Spurious Radiation

| LTE Band 38-Low channel |            |             |                 |                  |                 |                    |                    |        |
|-------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5142.0                  | -56.73     | -25         | -31.73          | -62.34           | 4.62            | 10.23              | Horizontal         | Pass   |
| 7713.0                  | -59.68     | -25         | -34.68          | -66.71           | 4.96            | 11.99              | Horizontal         | Pass   |
| 10284.0                 | -56.79     | -25         | -31.79          | -64.36           | 5.51            | 13.08              | Horizontal         | Pass   |
| 5142.0                  | -63.12     | -25         | -38.12          | -68.73           | 4.62            | 10.23              | Vertical           | Pass   |
| 7713.0                  | -59.77     | -25         | -34.77          | -66.8            | 4.96            | 11.99              | Vertical           | Pass   |
| 10284.0                 | -56.86     | -25         | -31.86          | -64.43           | 5.51            | 13.08              | Vertical           | Pass   |

| LTE Band 38-Middle channel |            |             |                 |                  |                 |                    |                    |        |
|----------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)            | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5172.0                     | -58.21     | -25         | -33.21          | -63.83           | 4.63            | 10.25              | Horizontal         | Pass   |
| 7758.0                     | -59.58     | -25         | -34.58          | -66.66           | 4.96            | 12.04              | Horizontal         | Pass   |
| 10344.0                    | -55.68     | -25         | -30.68          | -63.25           | 5.52            | 13.09              | Horizontal         | Pass   |
| 5172.0                     | -63.18     | -25         | -38.18          | -68.8            | 4.63            | 10.25              | Vertical           | Pass   |
| 7758.0                     | -59.58     | -25         | -34.58          | -66.66           | 4.96            | 12.04              | Vertical           | Pass   |
| 10344.0                    | -56.6      | -25         | -31.6           | -64.17           | 5.52            | 13.09              | Vertical           | Pass   |

| LTE Band 38-High channel |            |             |                 |                  |                 |                    |                    |        |
|--------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5202.0                   | -63.2      | -25         | -38.2           | -68.84           | 4.63            | 10.27              | Horizontal         | Pass   |
| 7803.0                   | -59.75     | -25         | -34.75          | -66.89           | 4.96            | 12.1               | Horizontal         | Pass   |
| 10404.0                  | -57.12     | -25         | -32.12          | -64.7            | 5.52            | 13.1               | Horizontal         | Pass   |
| 5202.0                   | -63.1      | -25         | -38.1           | -68.74           | 4.63            | 10.27              | Vertical           | Pass   |
| 7803.0                   | -58.78     | -25         | -33.78          | -65.92           | 4.96            | 12.1               | Vertical           | Pass   |
| 10404.0                  | -57.07     | -25         | -32.07          | -64.65           | 5.52            | 13.1               | Vertical           | Pass   |

## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band38\_OBW

| Band: 38 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2572.5          | 25            | 0      | 4.543                        | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 4.541                        | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.546                        | /     | Pass    |
|                 | 16QAM      | 2572.5          | 25            | 0      | 4.565                        | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 4.526                        | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 4.554                        | /     | Pass    |
| 10              | QPSK       | 2575            | 50            | 0      | 9.041                        | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 9.069                        | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 9.055                        | /     | Pass    |
|                 | 16QAM      | 2575            | 50            | 0      | 9.057                        | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 9.035                        | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 9.049                        | /     | Pass    |
| 15              | QPSK       | 2577.5          | 75            | 0      | 13.600                       | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 13.570                       | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 13.555                       | /     | Pass    |
|                 | 16QAM      | 2577.5          | 75            | 0      | 13.640                       | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 13.590                       | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 13.634                       | /     | Pass    |
| 20              | QPSK       | 2580            | 100           | 0      | 18.116                       | /     | Pass    |
|                 |            | 2595            | 100           | 0      | 18.065                       | /     | Pass    |
|                 |            | 2610            | 100           | 0      | 18.093                       | /     | Pass    |
|                 | 16QAM      | 2580            | 100           | 0      | 18.040                       | /     | Pass    |
|                 |            | 2595            | 100           | 0      | 18.064                       | /     | Pass    |
|                 |            | 2610            | 100           | 0      | 18.080                       | /     | Pass    |

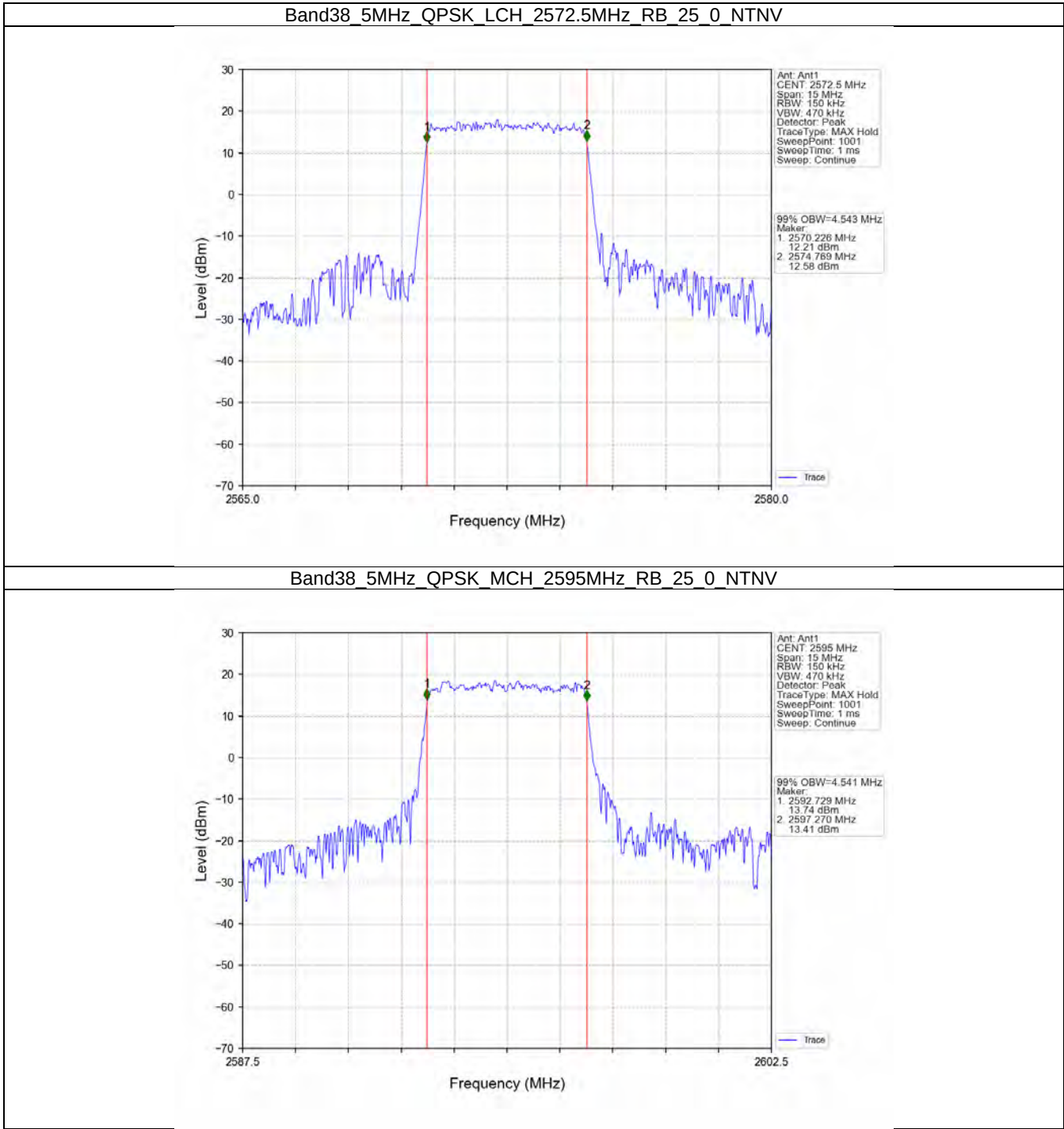
#### 4.1.2 Band38\_XDB

| Band: 38 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2572.5          | 25            | 0      | 5.023                | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 5.298                | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 5.067                | /     | Pass    |
|                 | 16QAM      | 2572.5          | 25            | 0      | 5.070                | /     | Pass    |
|                 |            | 2595            | 25            | 0      | 5.059                | /     | Pass    |
|                 |            | 2617.5          | 25            | 0      | 5.309                | /     | Pass    |
| 10              | QPSK       | 2575            | 50            | 0      | 9.970                | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 10.010               | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 10.541               | /     | Pass    |
|                 | 16QAM      | 2575            | 50            | 0      | 10.404               | /     | Pass    |
|                 |            | 2595            | 50            | 0      | 10.129               | /     | Pass    |
|                 |            | 2615            | 50            | 0      | 10.008               | /     | Pass    |
| 15              | QPSK       | 2577.5          | 75            | 0      | 16.485               | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 15.552               | /     | Pass    |
|                 |            | 2612.5          | 75            | 0      | 15.447               | /     | Pass    |
|                 | 16QAM      | 2577.5          | 75            | 0      | 18.244               | /     | Pass    |
|                 |            | 2595            | 75            | 0      | 20.715               | /     | Pass    |

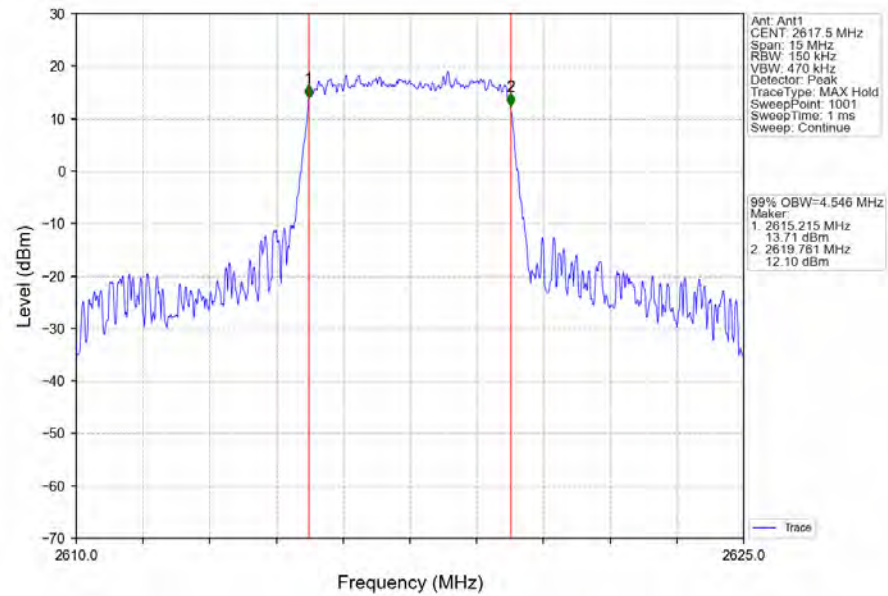
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    |       | 2612.5 | 75  | 0 | 16.712 | / | Pass |
| 20 | QPSK  | 2580   | 100 | 0 | 20.488 | / | Pass |
|    |       | 2595   | 100 | 0 | 20.779 | / | Pass |
|    |       | 2610   | 100 | 0 | 19.798 | / | Pass |
|    |       | 2580   | 100 | 0 | 19.953 | / | Pass |
|    | 16QAM | 2595   | 100 | 0 | 20.456 | / | Pass |
|    |       | 2610   | 100 | 0 | 19.769 | / | Pass |
|    |       |        |     |   |        |   |      |

4.2 Test Graph

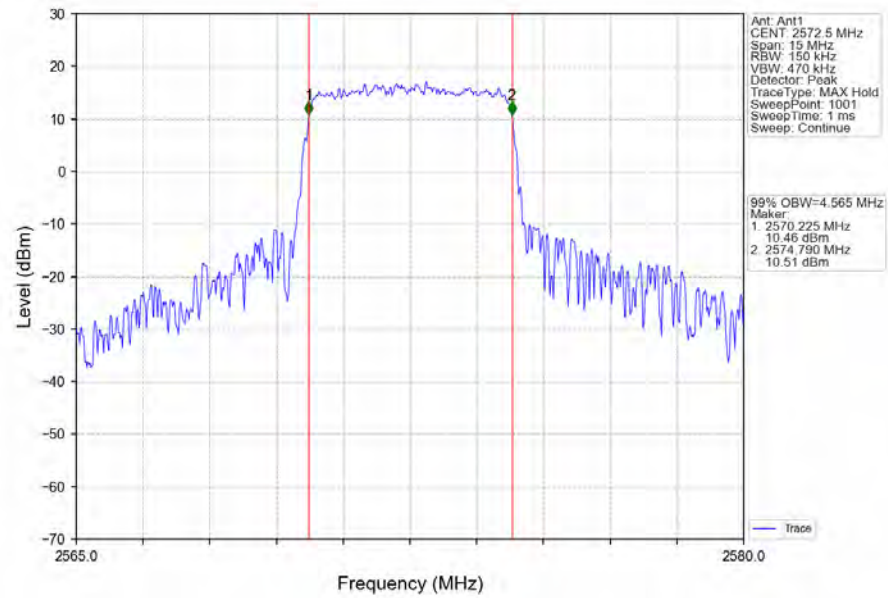
4.2.1 Band38\_OBW



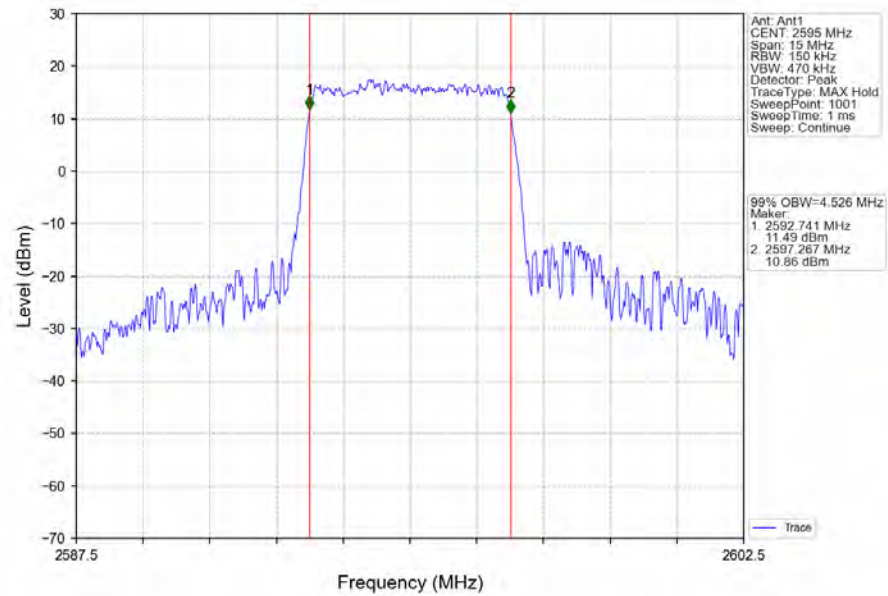
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



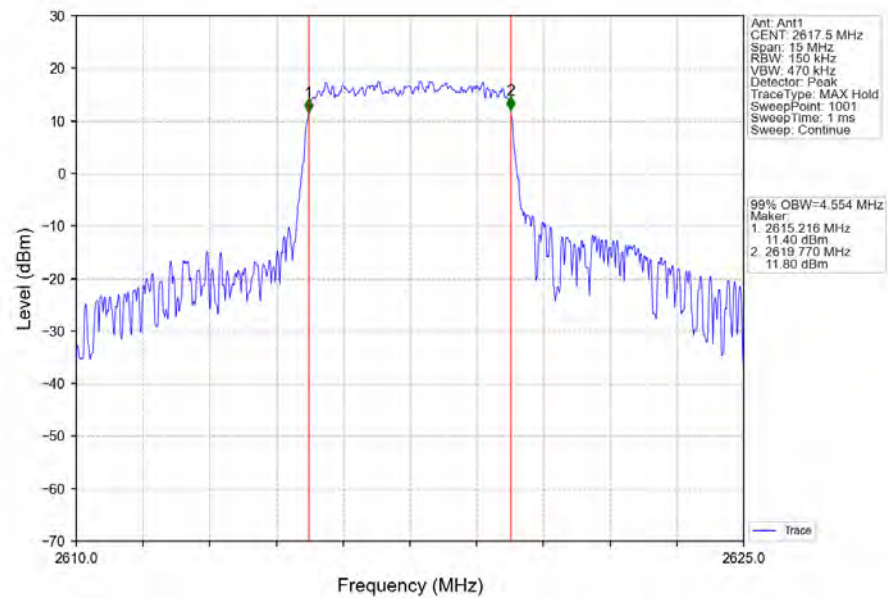
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



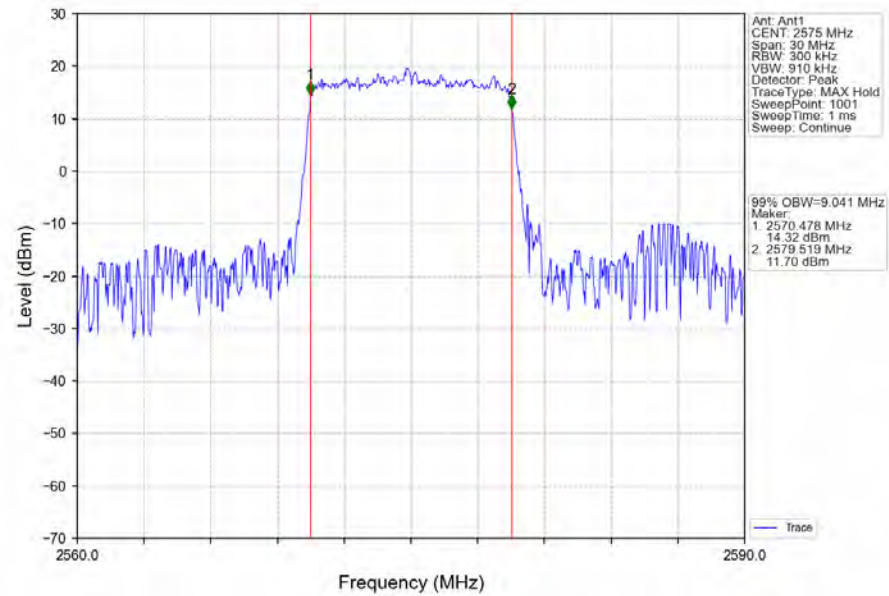
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



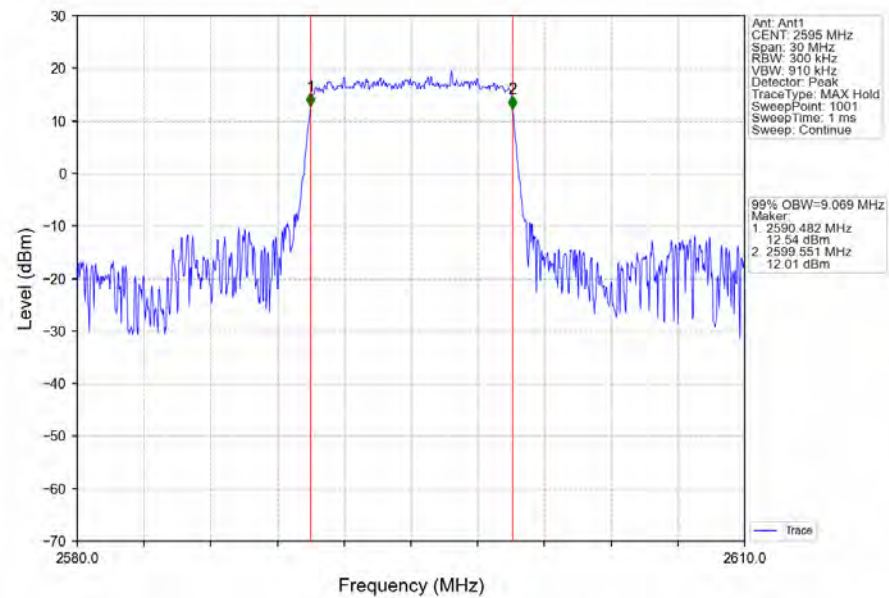
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



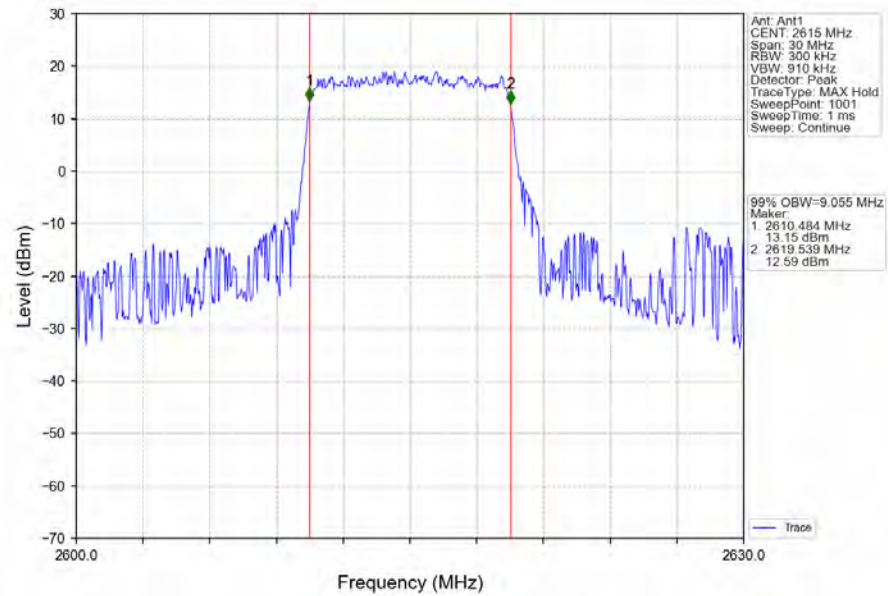
Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



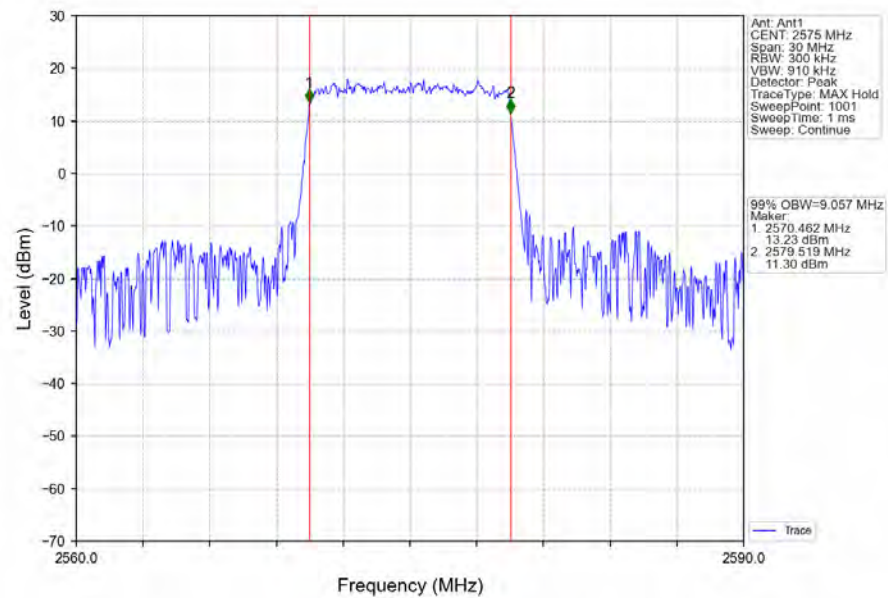
Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV



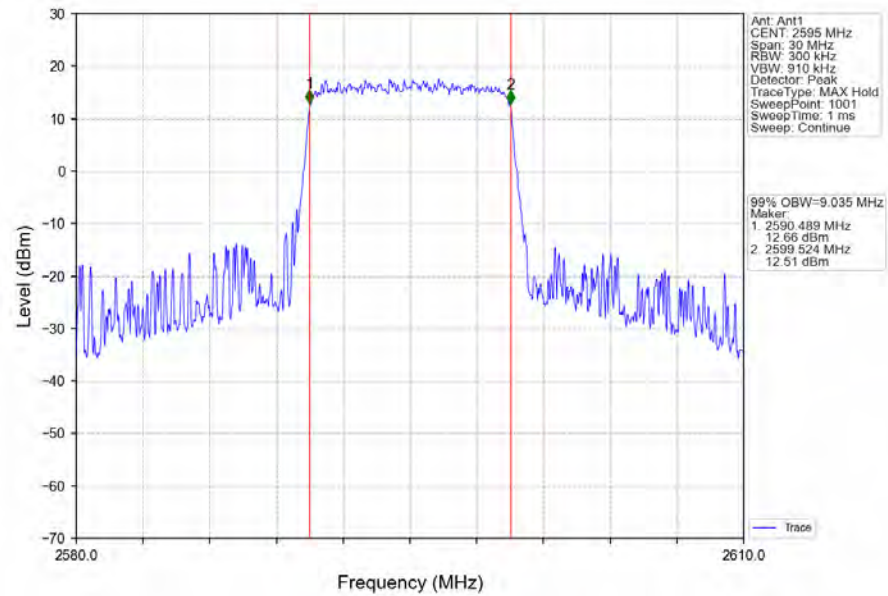
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTV



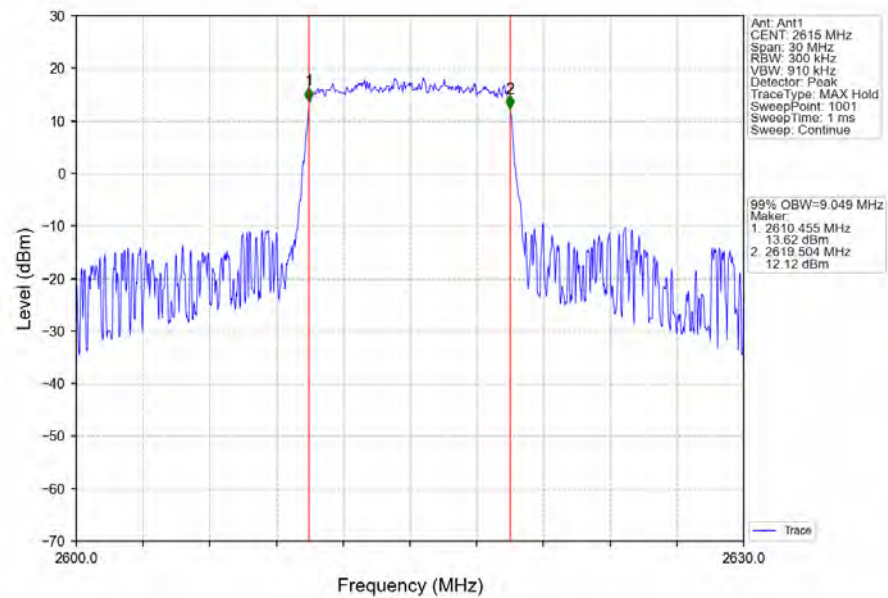
Band38 10MHz 16QAM LCH 2575MHz RB 50 0 NTV



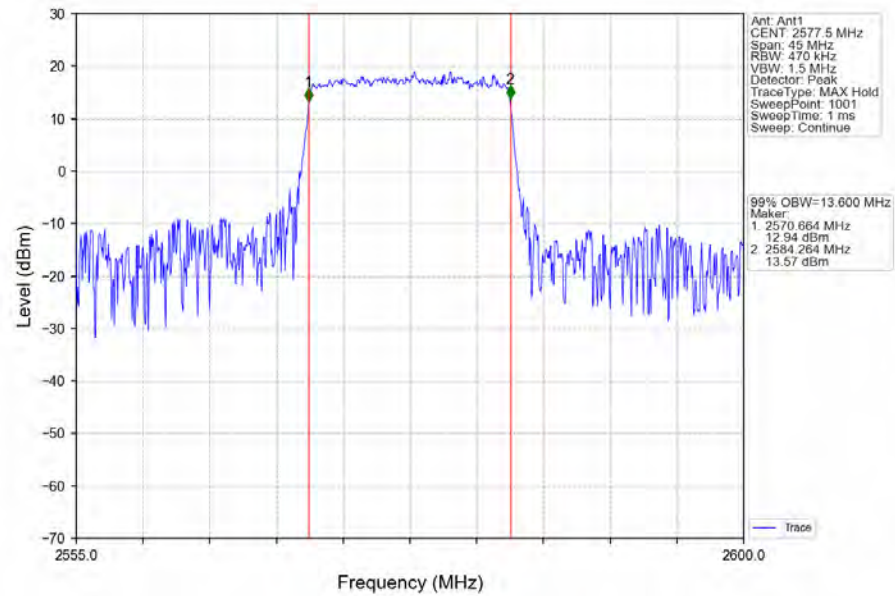
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



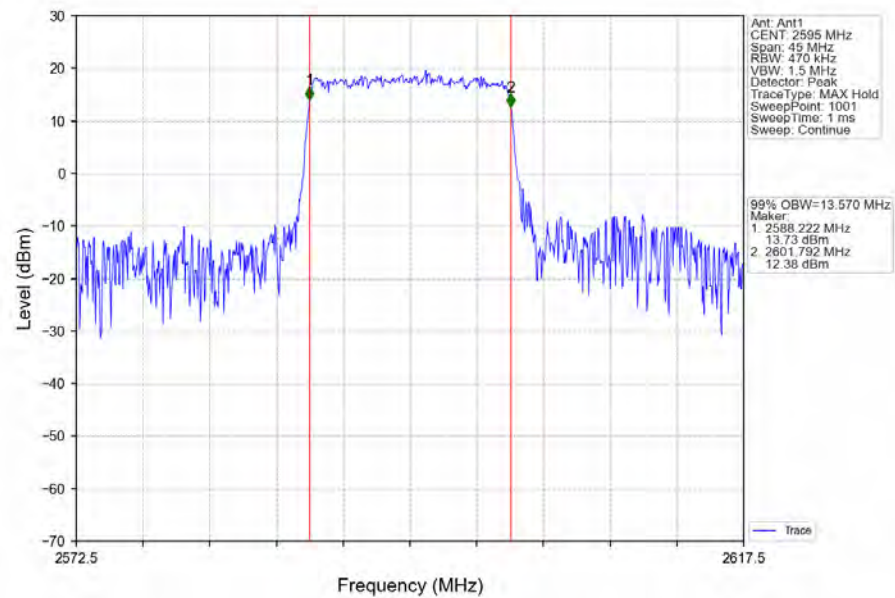
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV



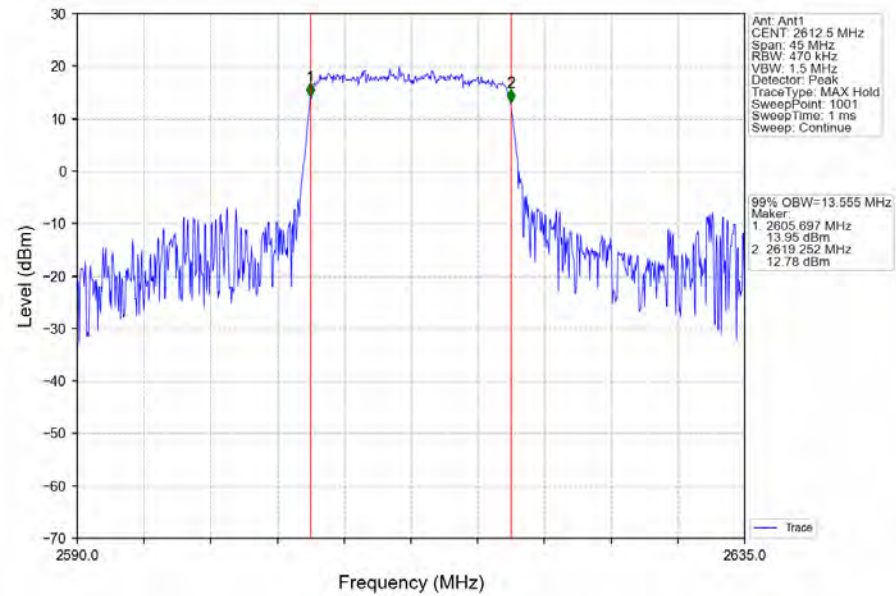
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



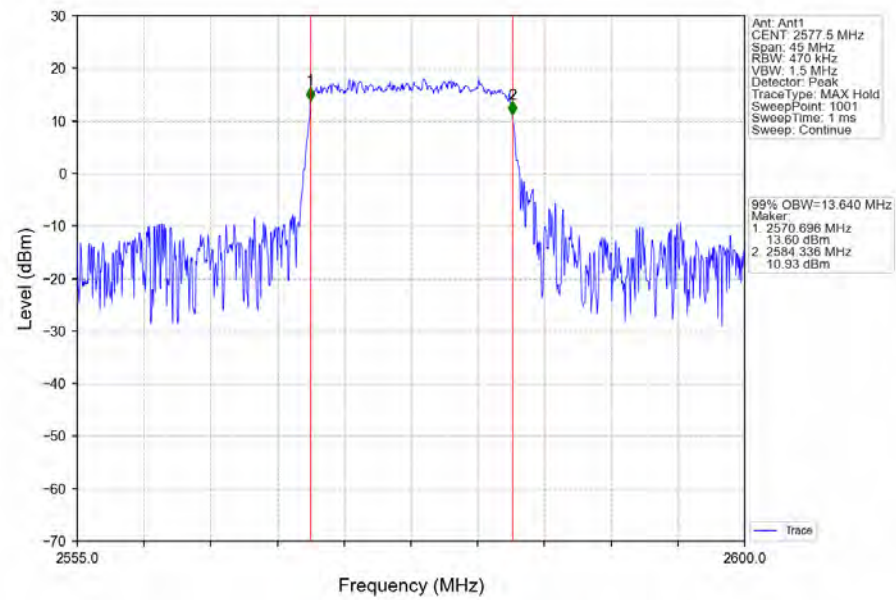
Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_75\_0\_NTNV



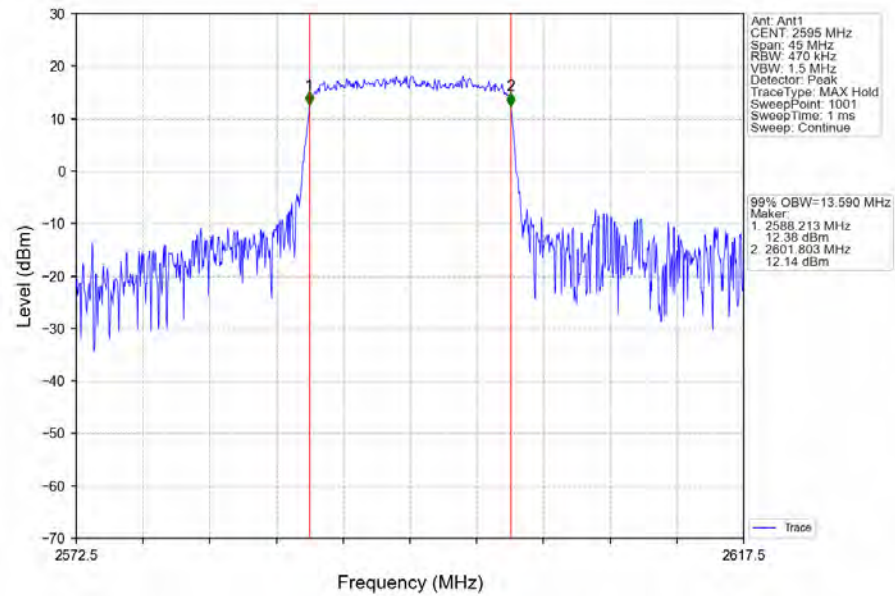
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



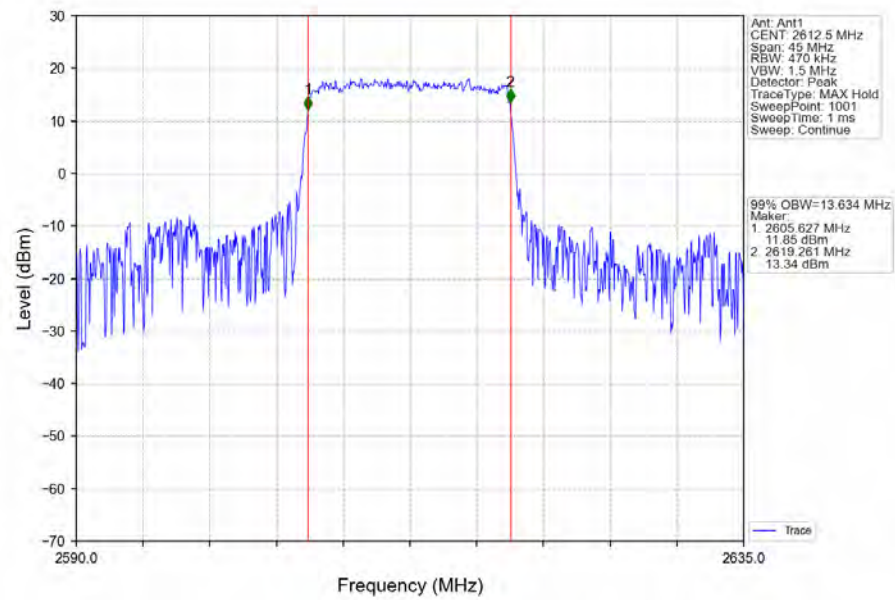
Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN



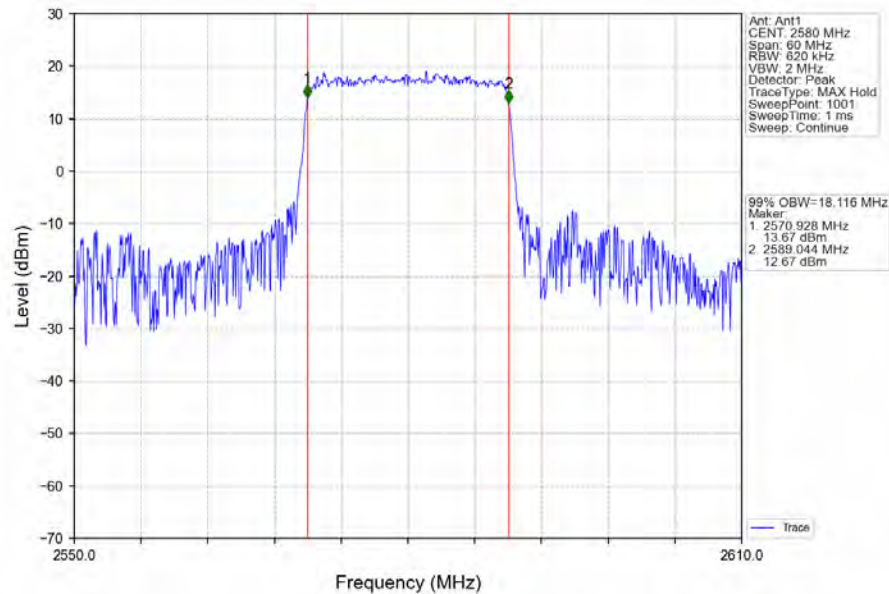
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



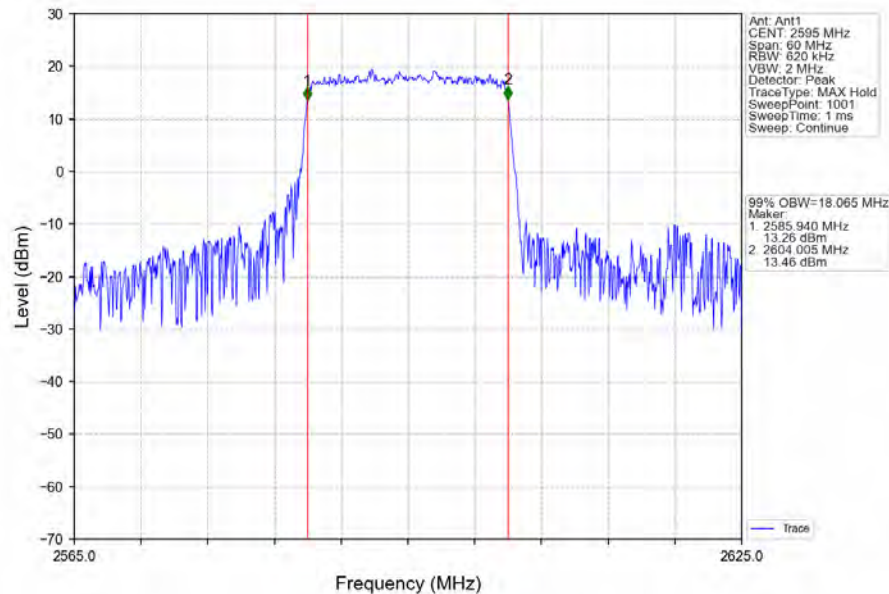
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



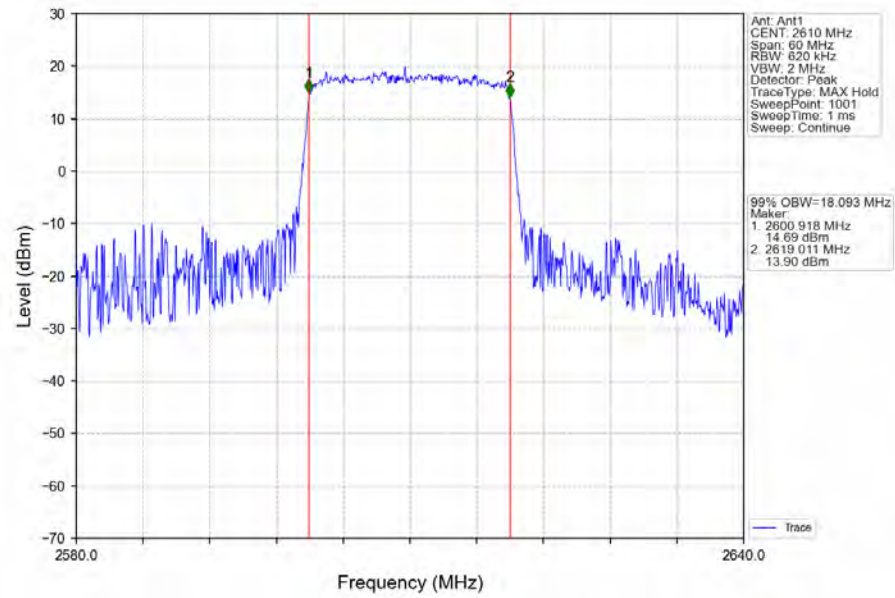
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



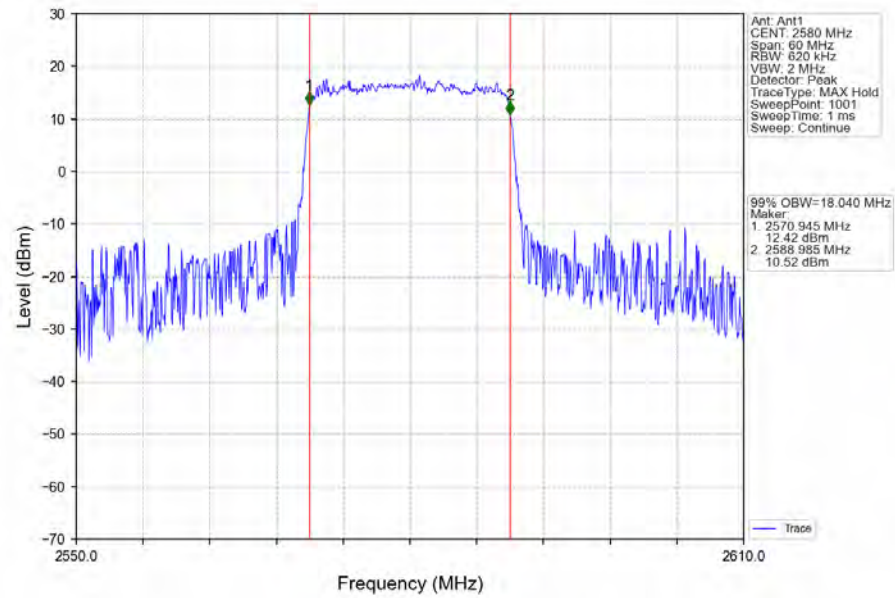
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



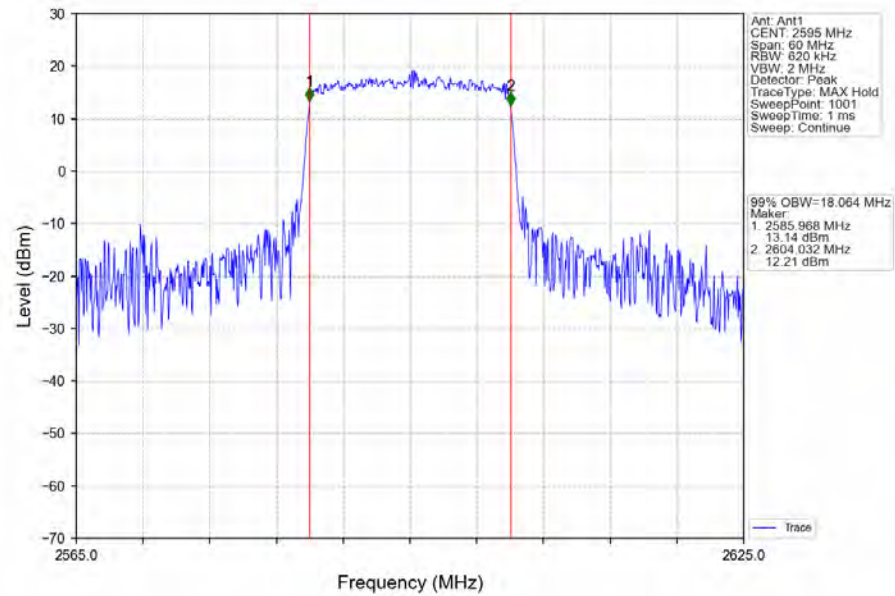
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



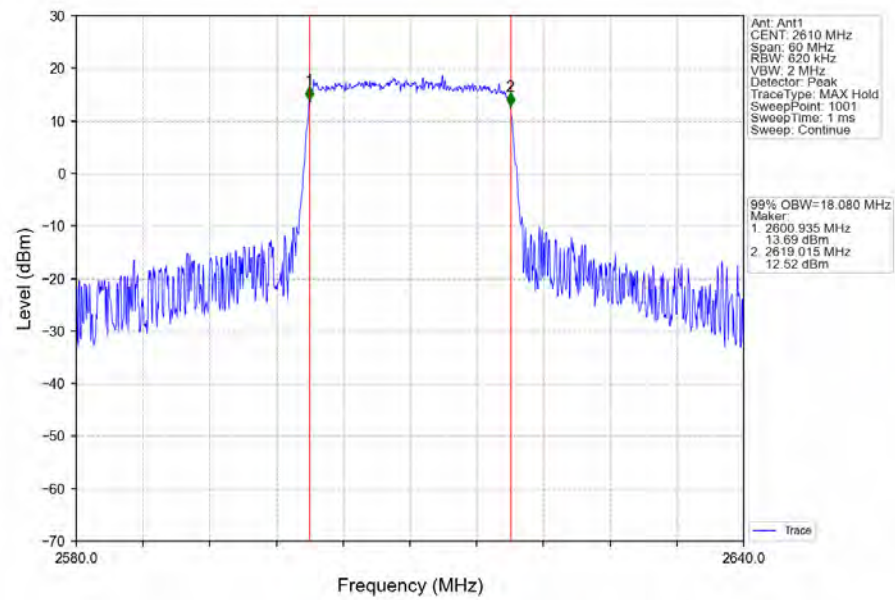
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



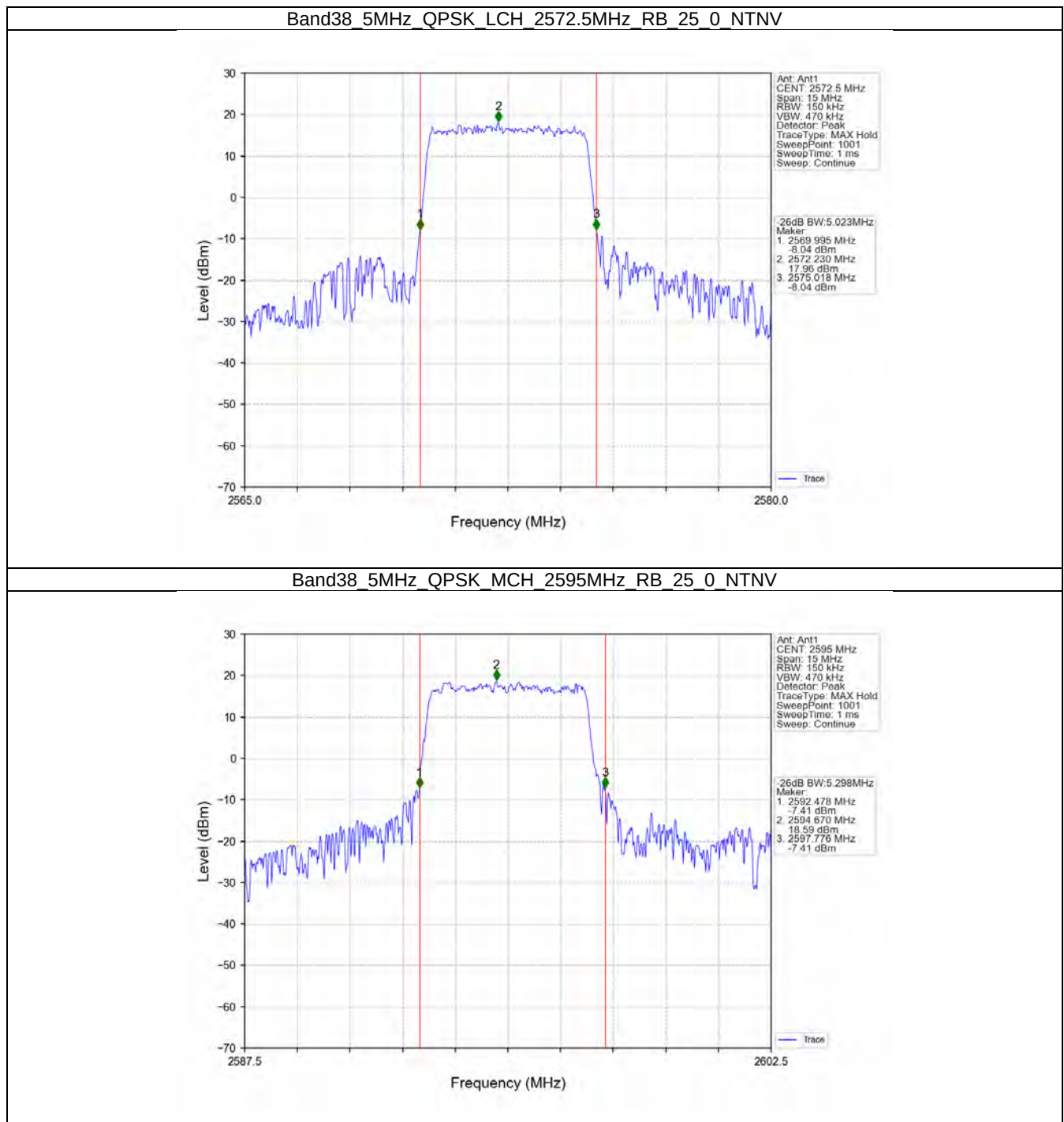
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTN



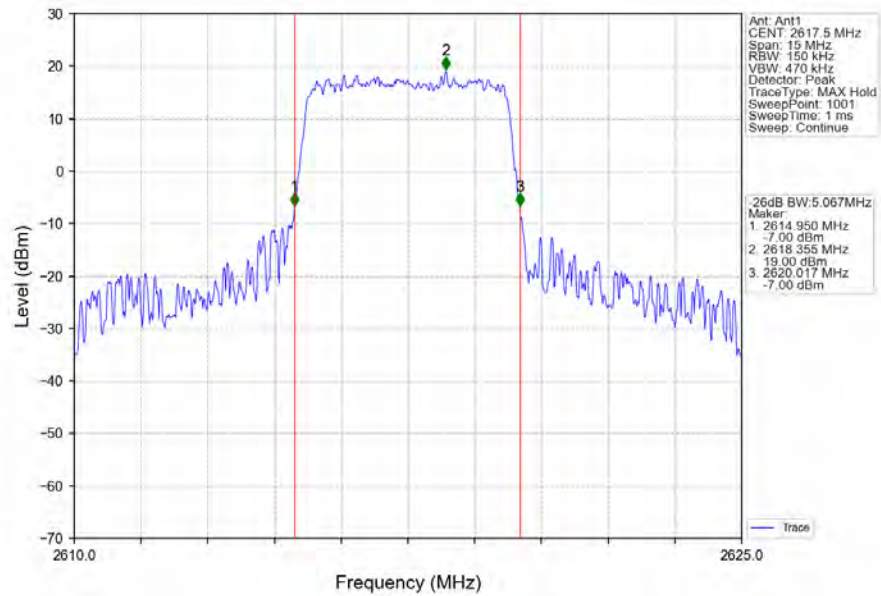
Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTN



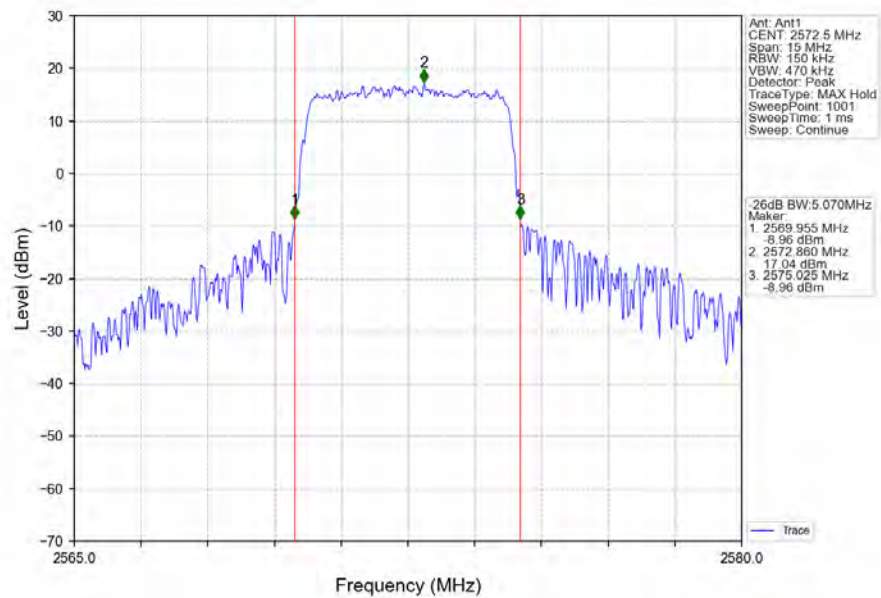
## 4.2.2 Band38\_XDB



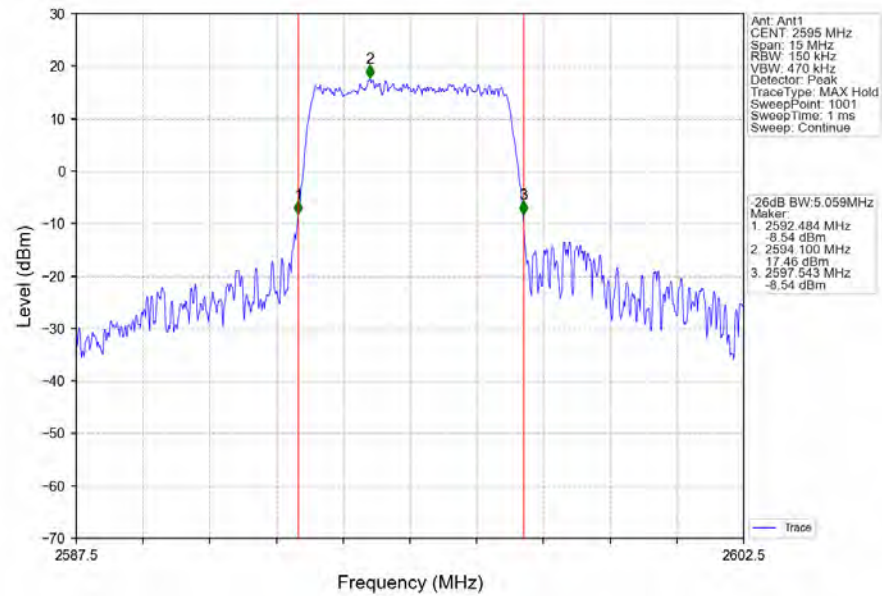
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTN



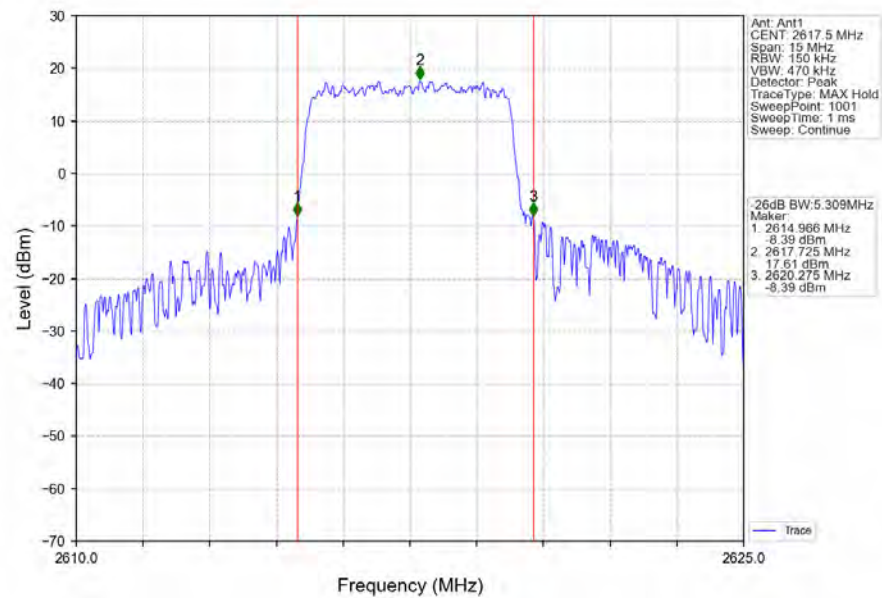
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTN



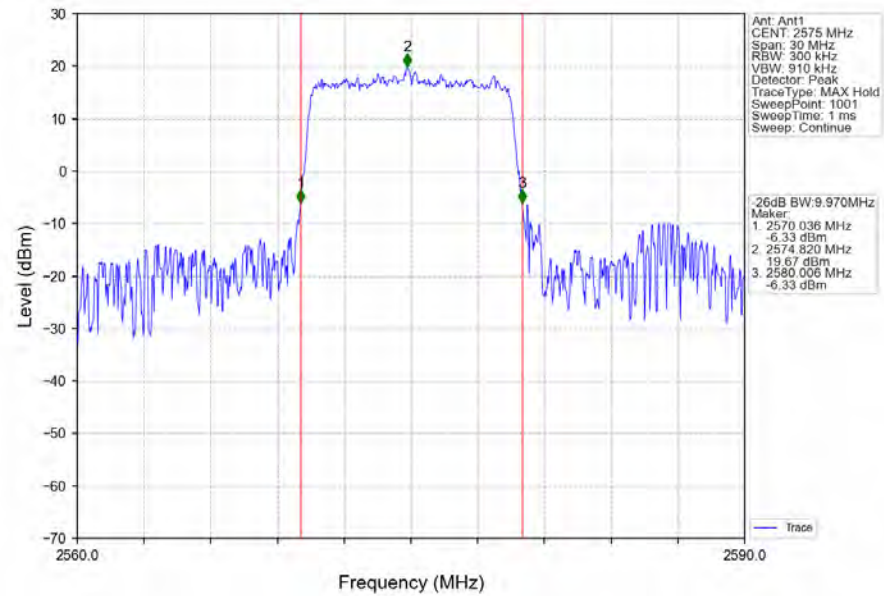
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



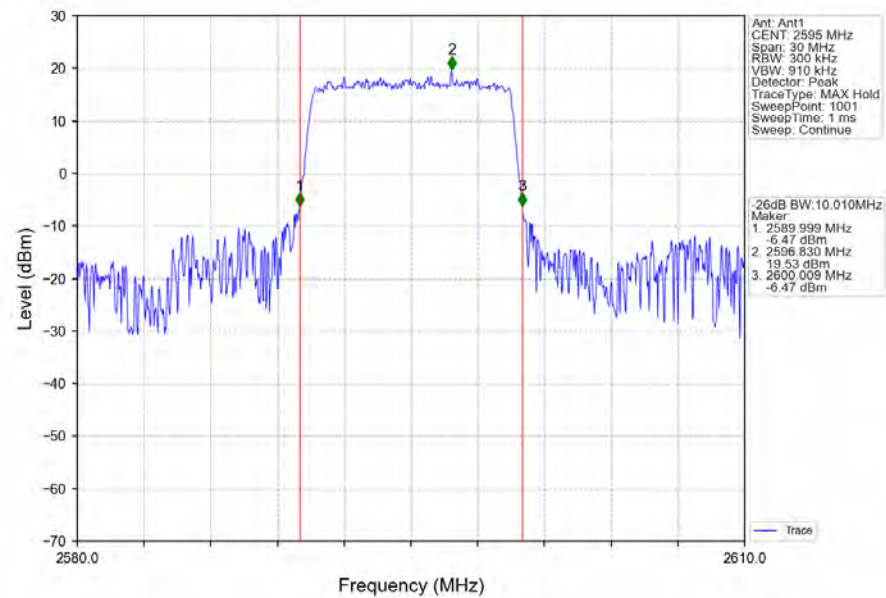
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



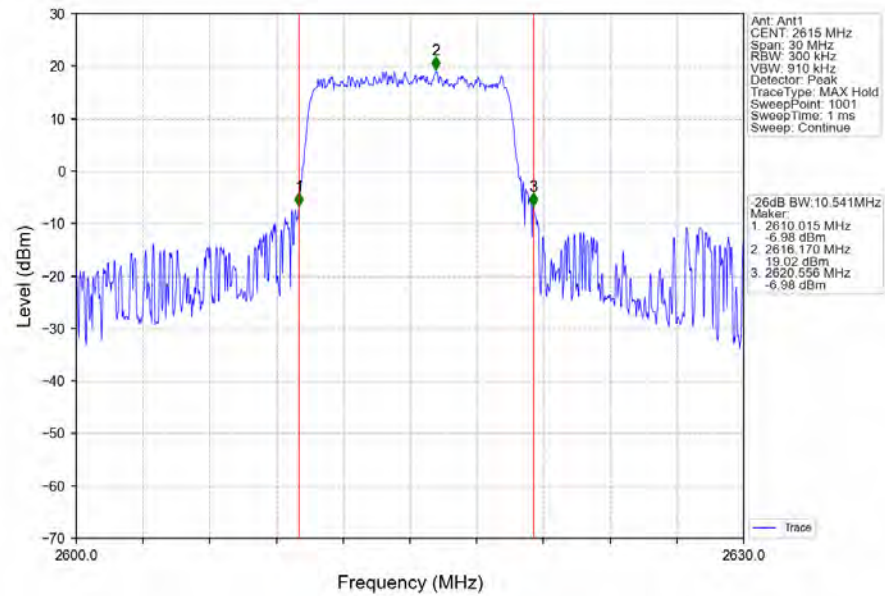
Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



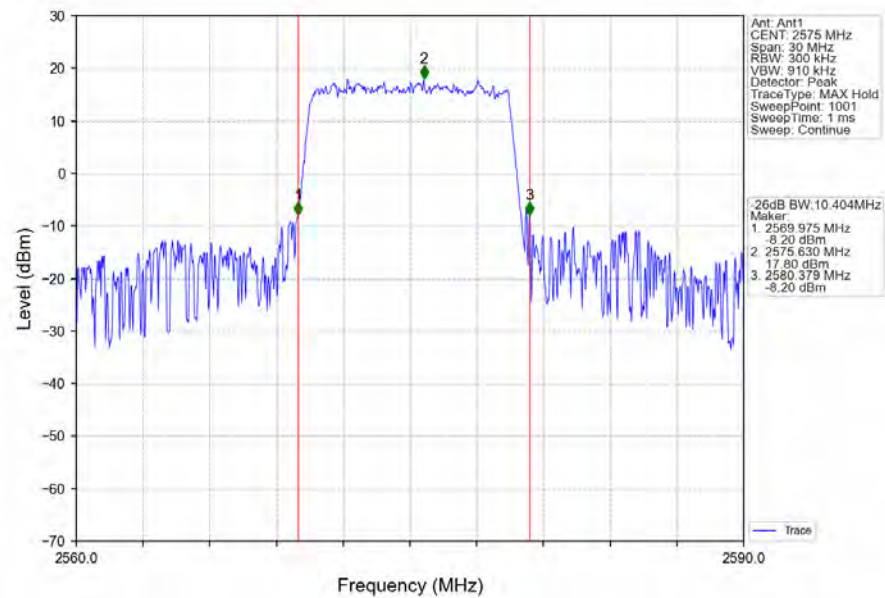
Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV



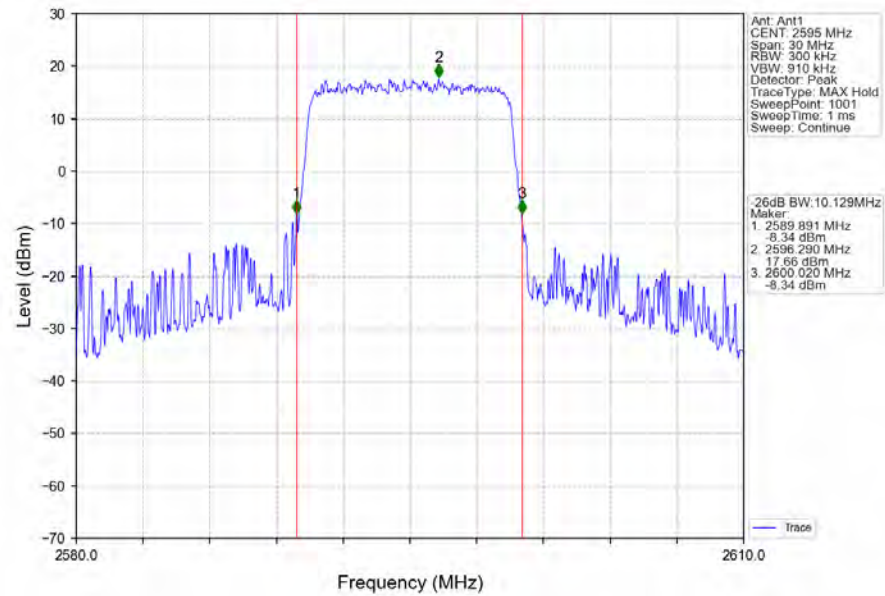
Band38\_10MHz\_QPSK\_HCH\_2615MHz\_RB\_50\_0\_NTNV



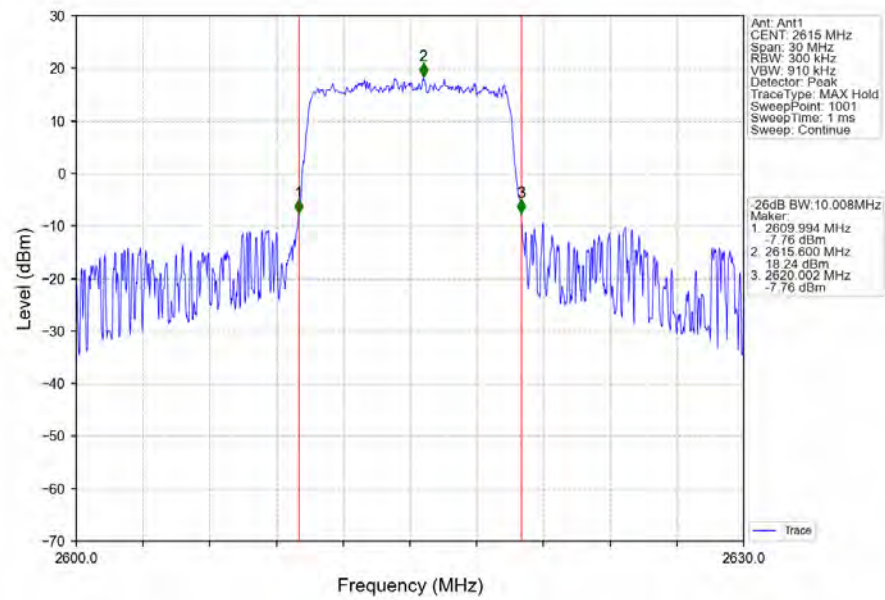
Band38\_10MHz\_16QAM\_LCH\_2575MHz\_RB\_50\_0\_NTNV



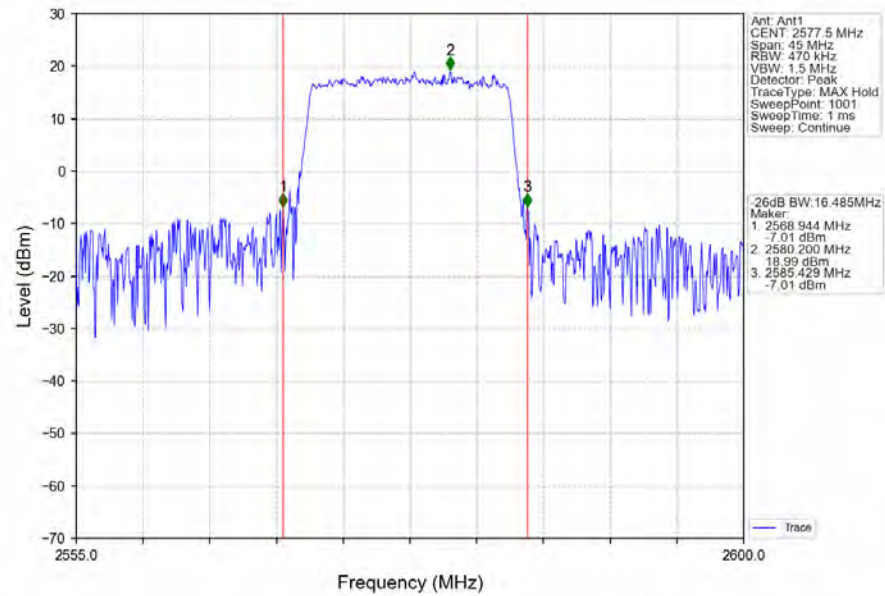
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



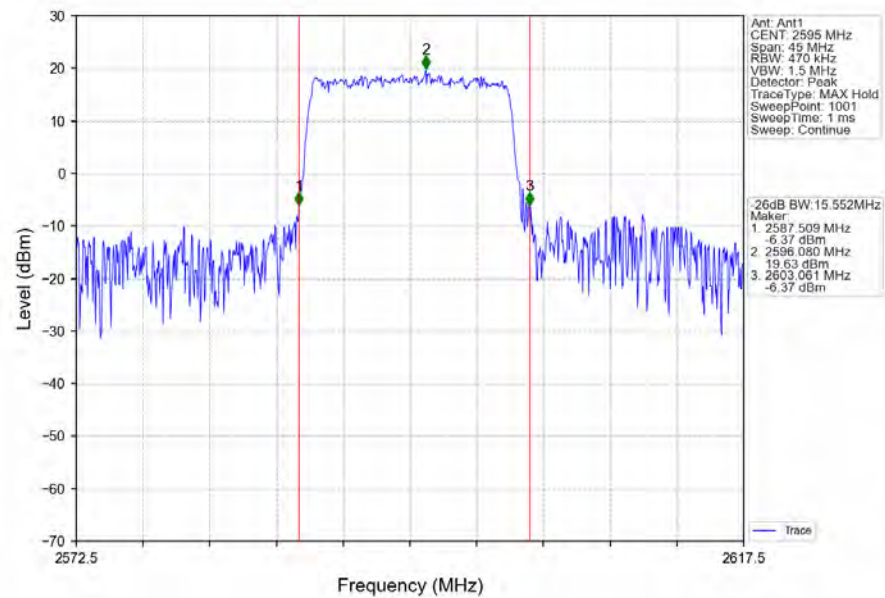
Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV



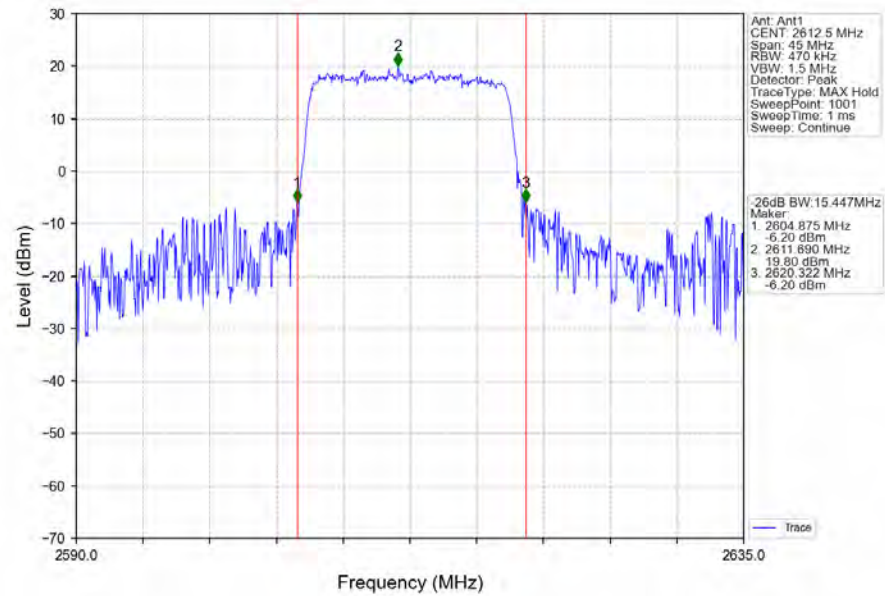
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_75\_0\_NTNV



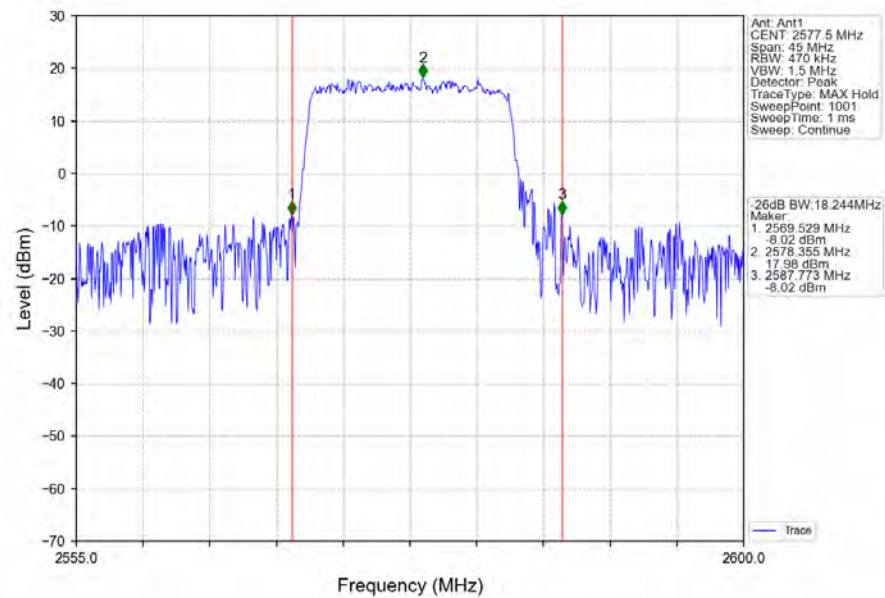
Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_75\_0\_NTNV



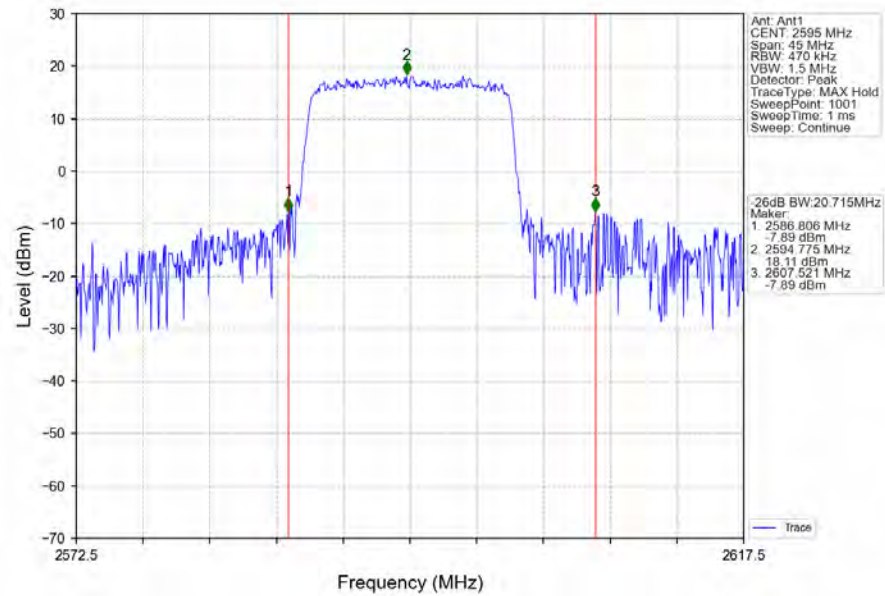
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



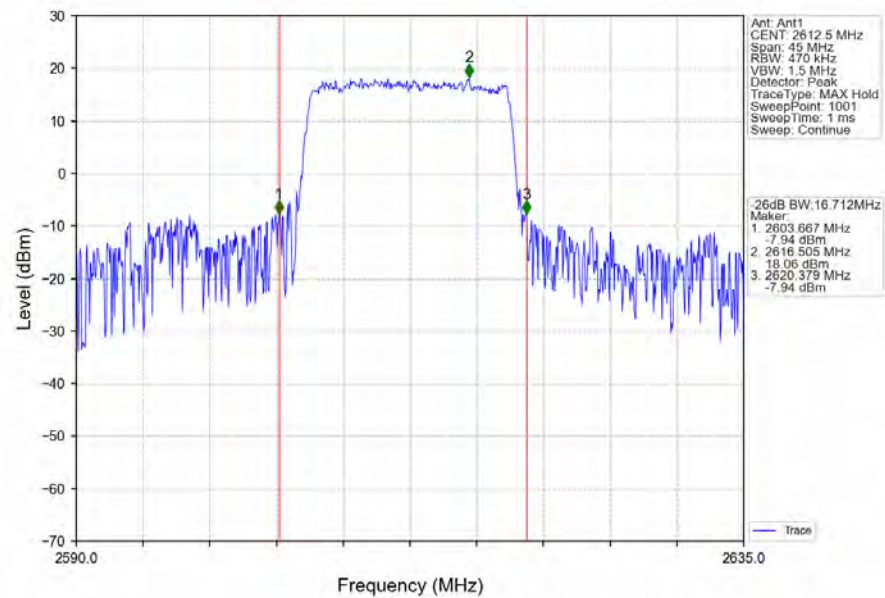
Band38 15MHz 16QAM LCH 2577.5MHz RB 75 0 NTN



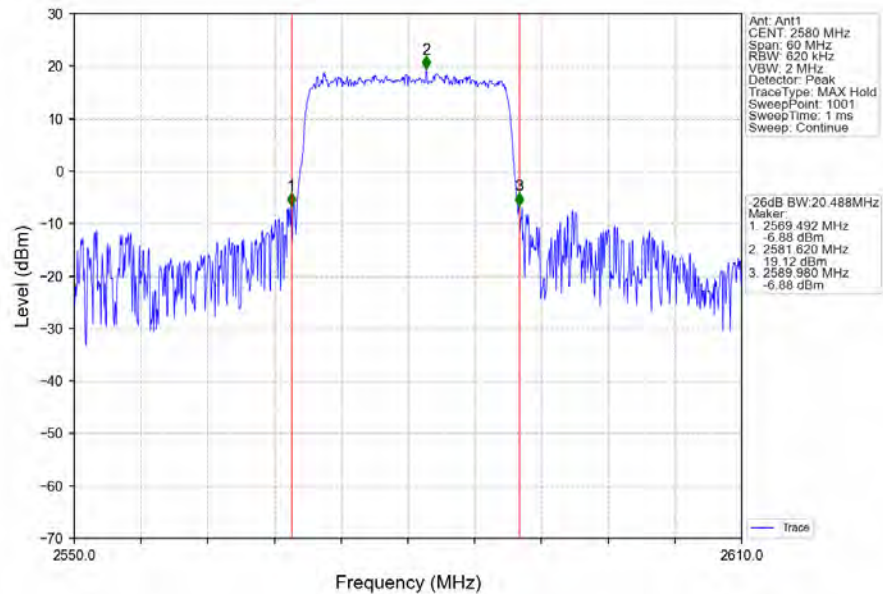
Band38\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



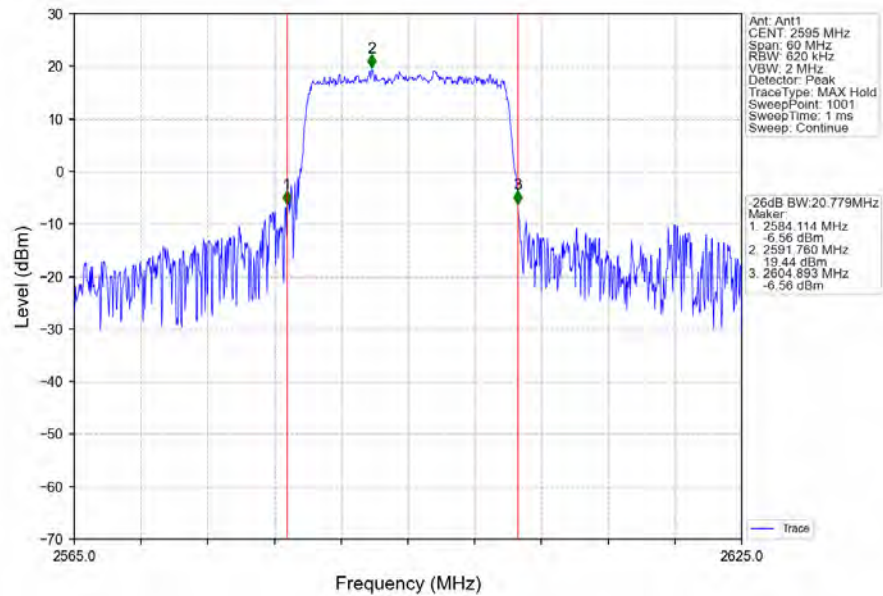
Band38\_15MHz\_16QAM\_HCH\_2612.5MHz\_RB\_75\_0\_NTNV



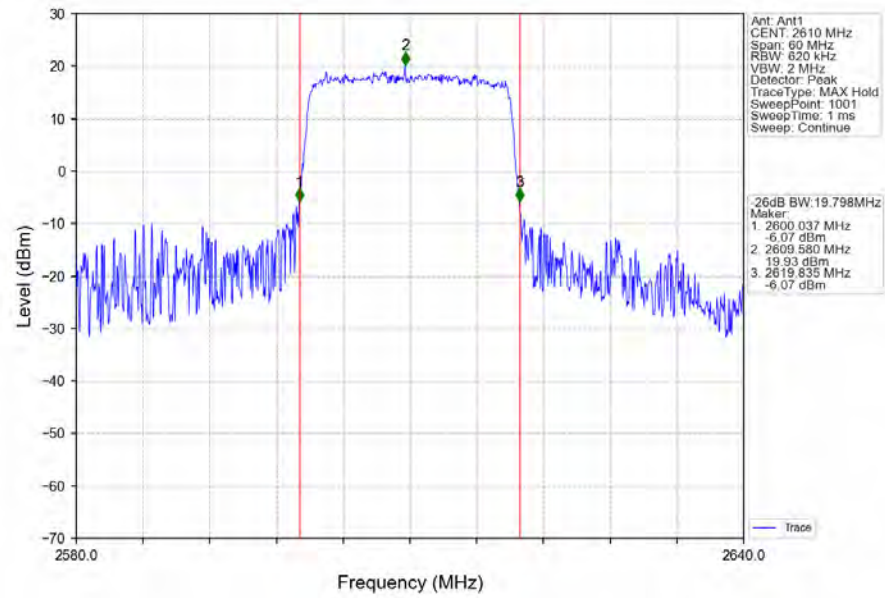
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



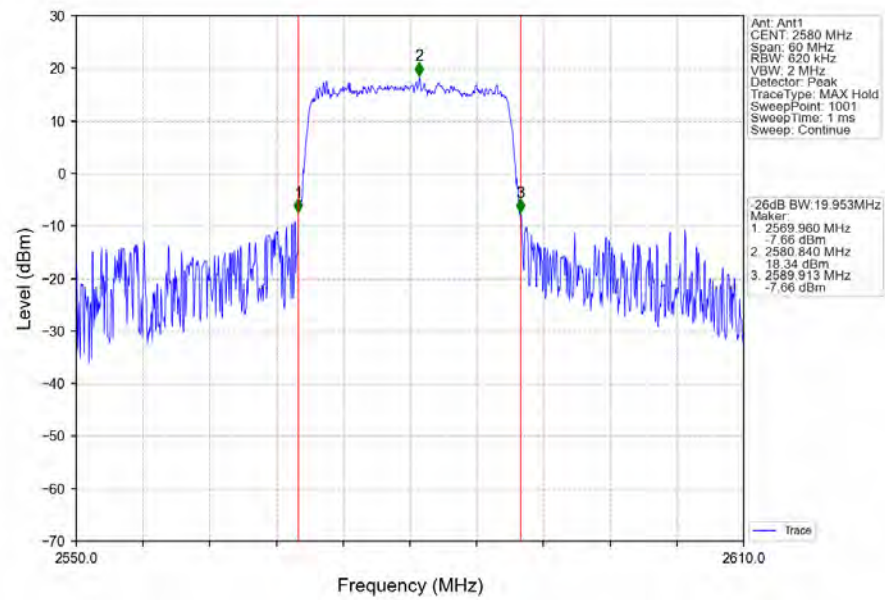
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



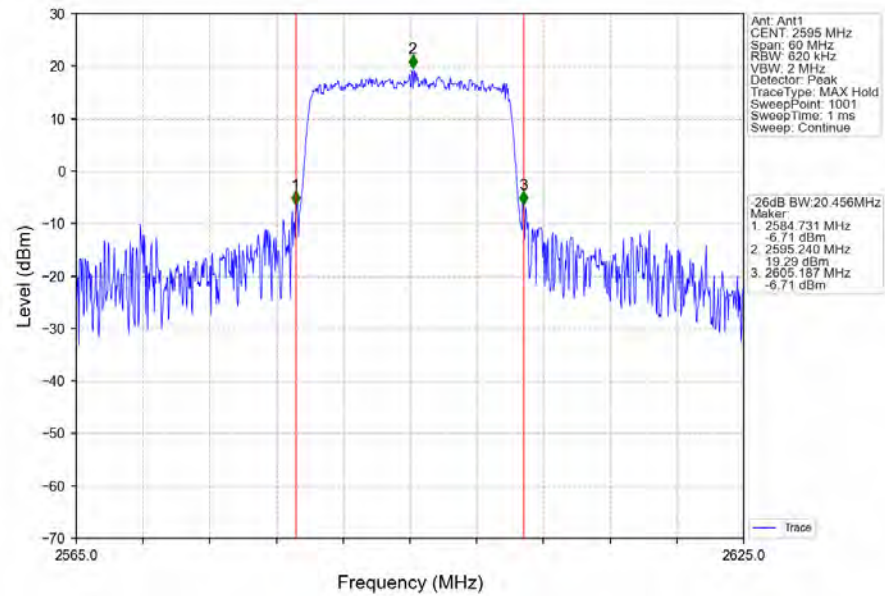
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



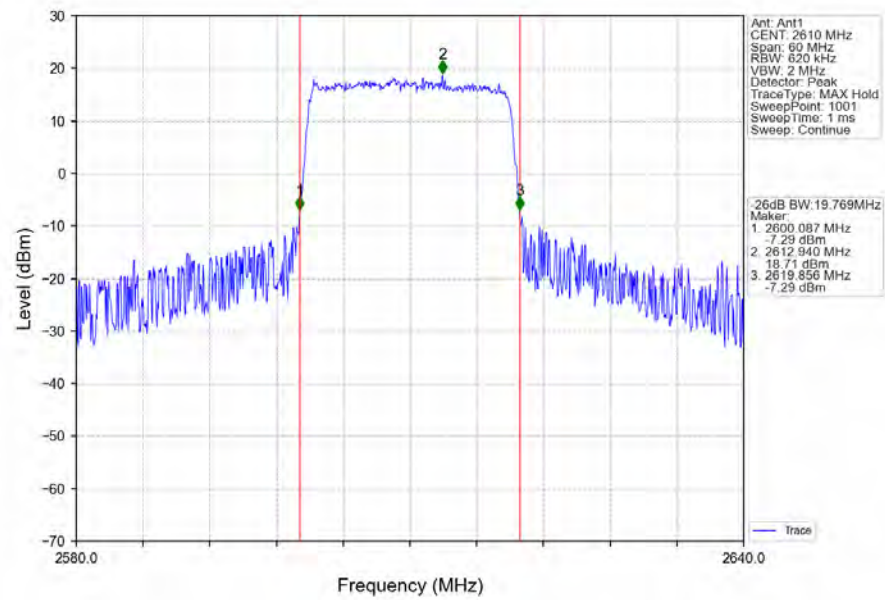
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTN



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTN



## 5. Peak-Average Ratio

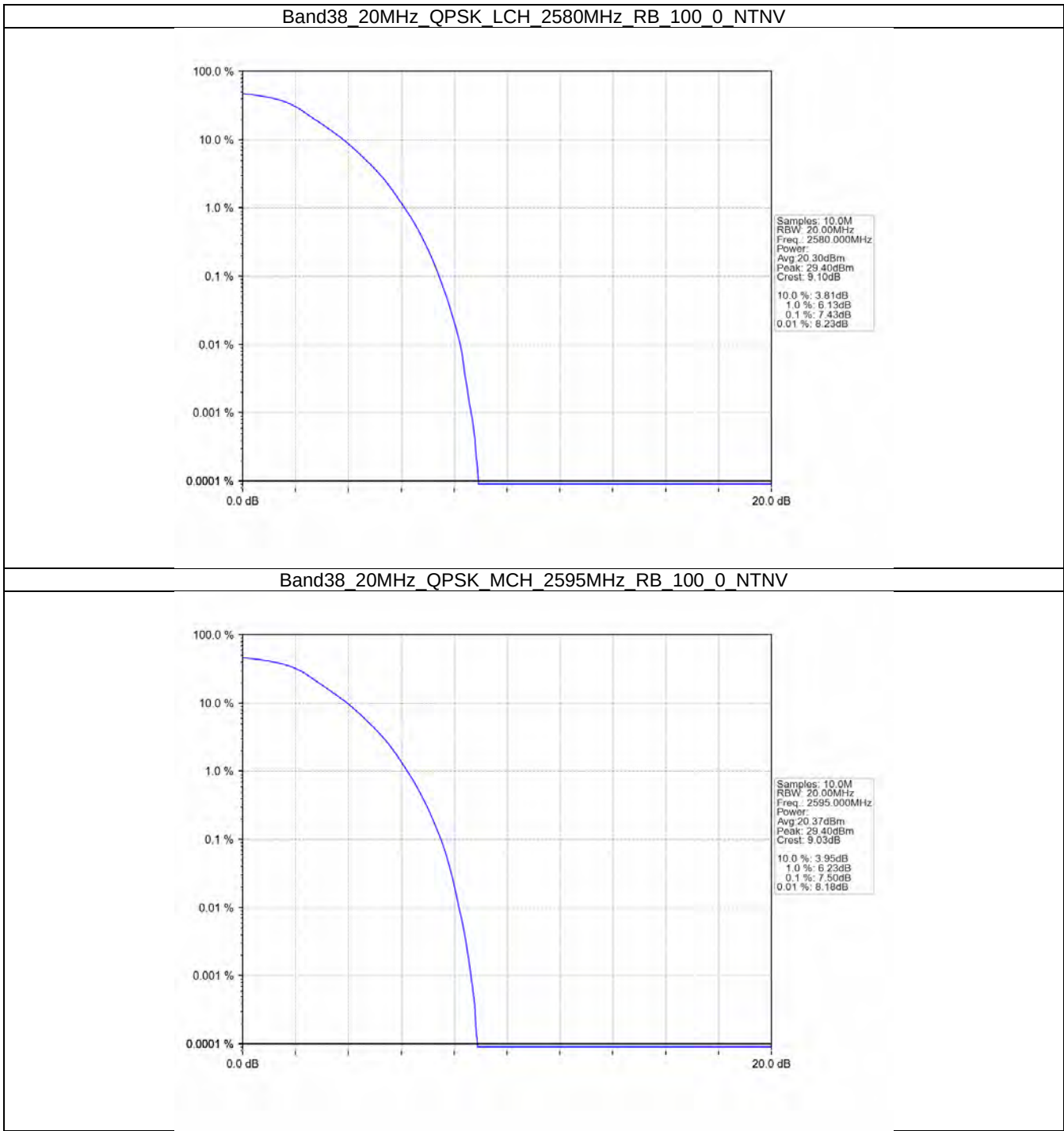
### 5.1 Test Result

#### 5.1.1 B38\_20MHz

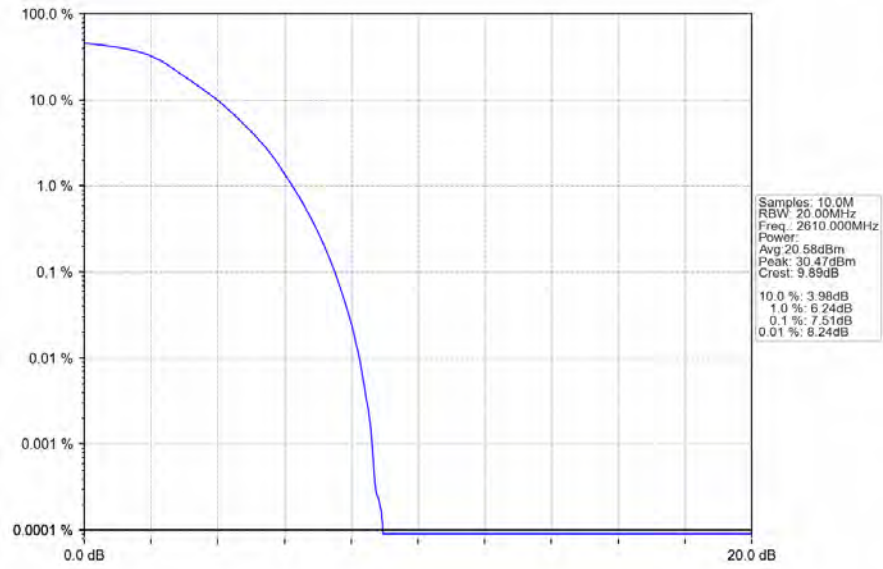
| Band: 38 / Bandwidth: 20MHz / NTN |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2580            | 100           | 0      | 7.43                    | <=13  | Pass    |
|                                   | 2595            | 100           | 0      | 7.50                    | <=13  | Pass    |
|                                   | 2610            | 100           | 0      | 7.51                    | <=13  | Pass    |
| 16QAM                             | 2580            | 100           | 0      | 8.22                    | <=13  | Pass    |
|                                   | 2595            | 100           | 0      | 8.02                    | <=13  | Pass    |
|                                   | 2610            | 100           | 0      | 8.01                    | <=13  | Pass    |

5.2 Test Graph

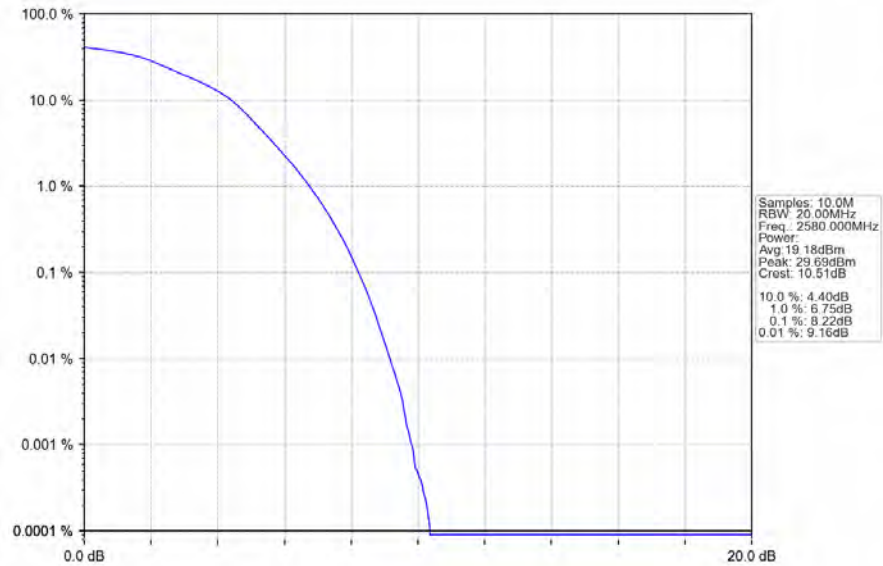
5.2.1 B38\_20MHz



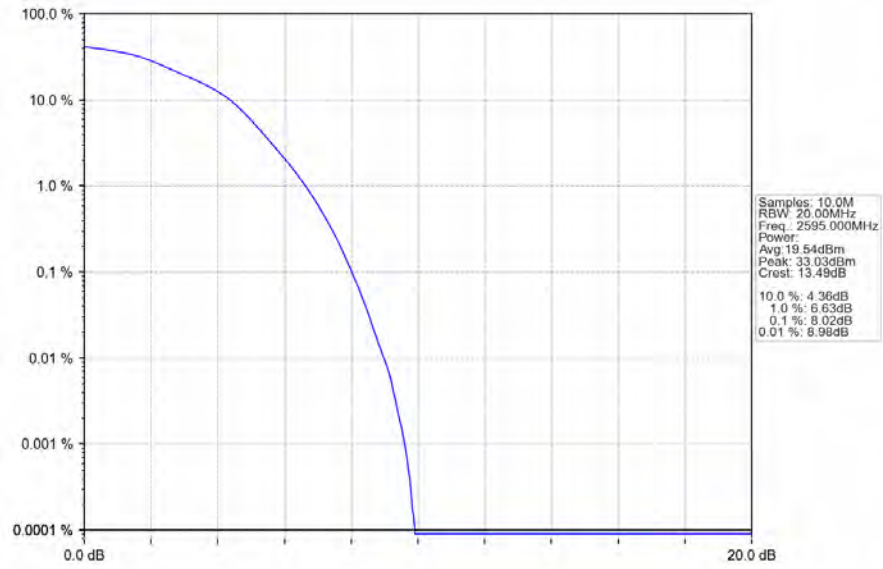
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



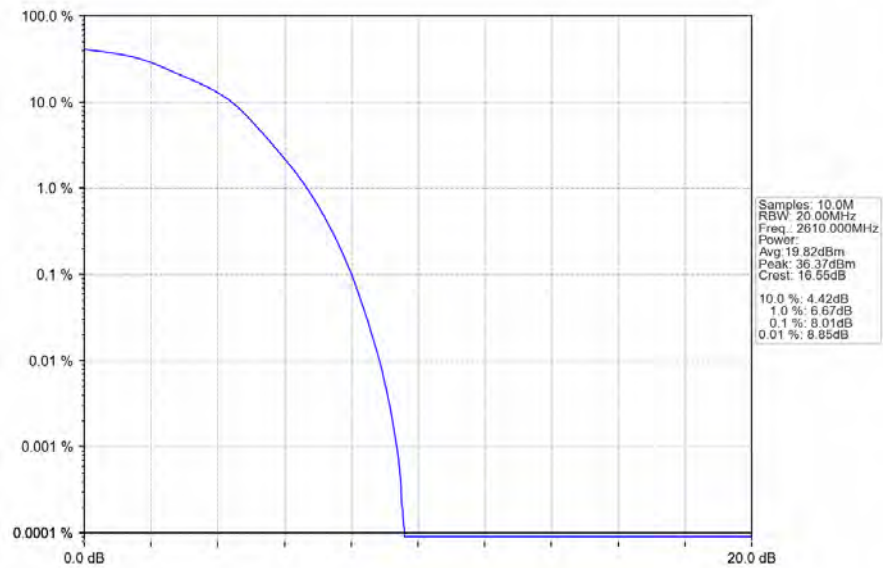
Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTN



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV



## 6. Spurious Emission & Band Edges

### 6.1 Test Result

#### 6.1.1 B38\_5MHz

| Band: 38 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2572.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2617.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B38\_10MHz

| Band: 38 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2575            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2615            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B38\_15MHz

| Band: 38 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2577.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2612.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

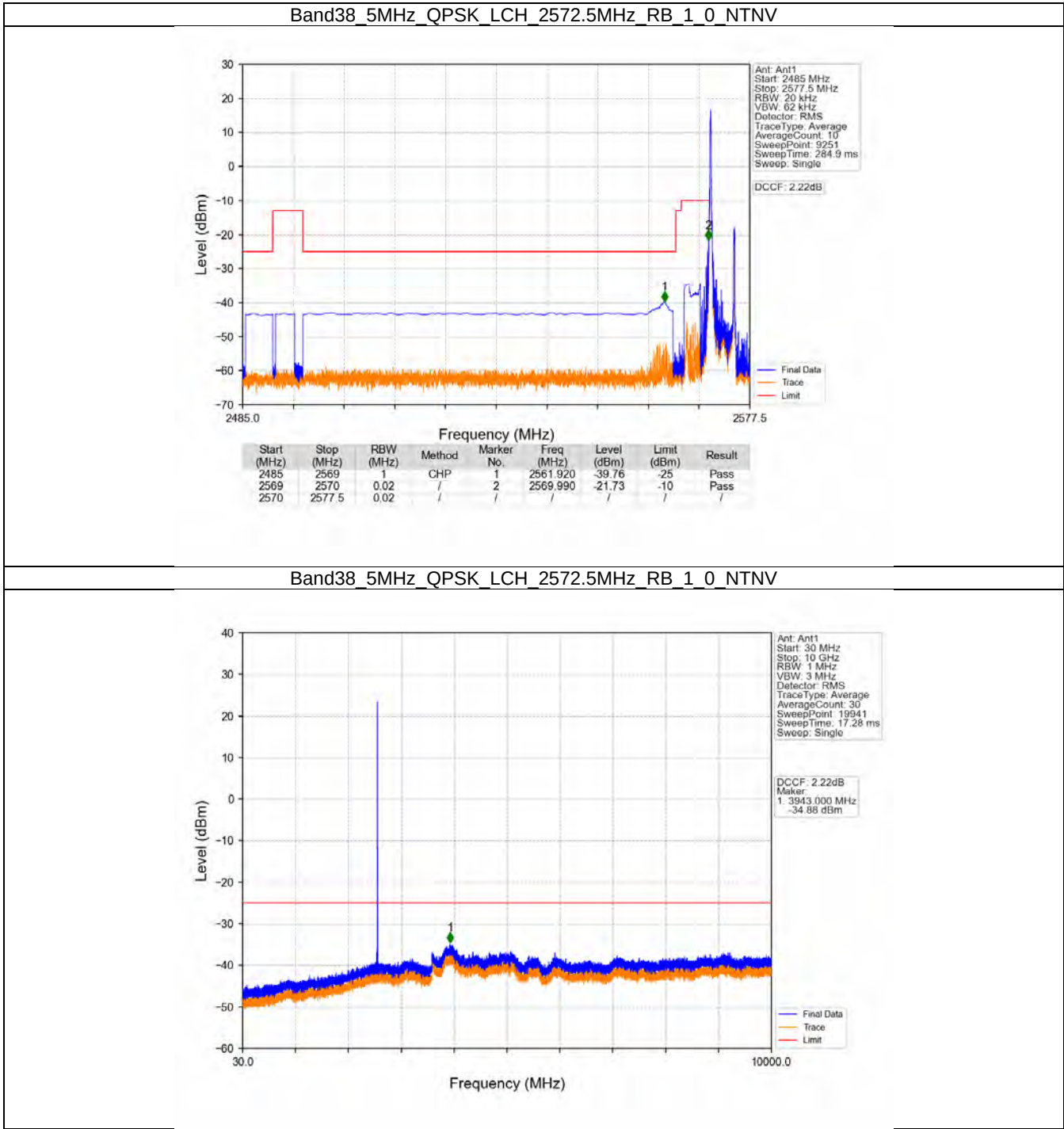
#### 6.1.4 B38\_20MHz

| Band: 38 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2580            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2610            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

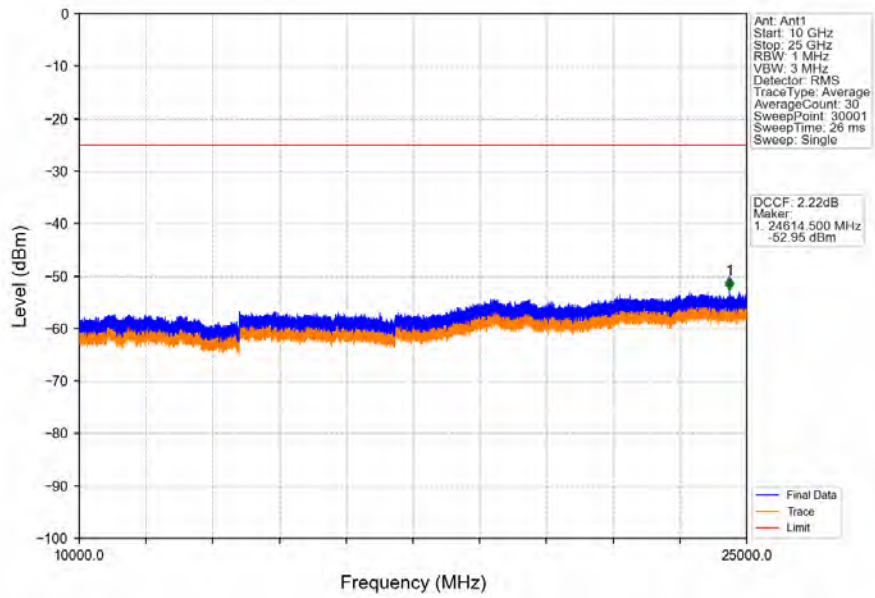


6.2 Test Graph

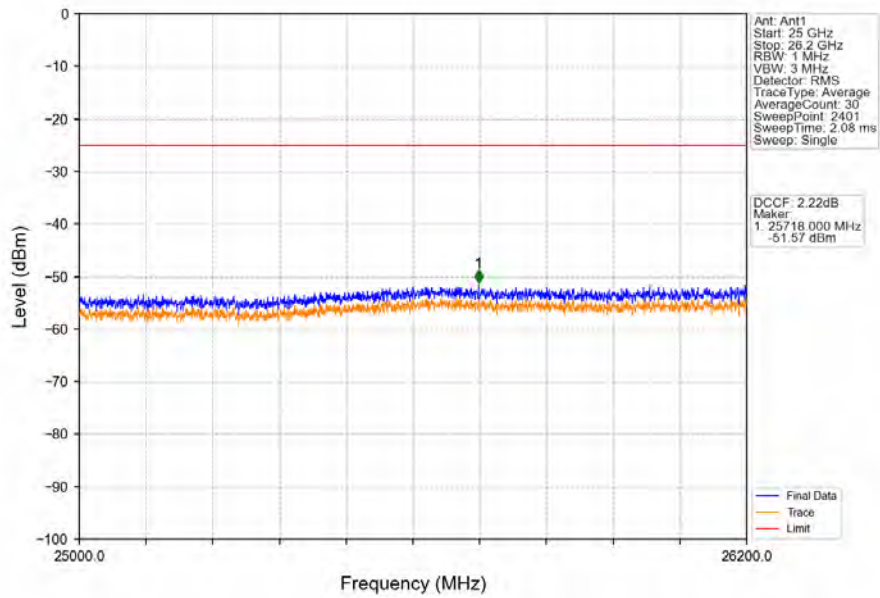
6.2.1 B38\_5MHz



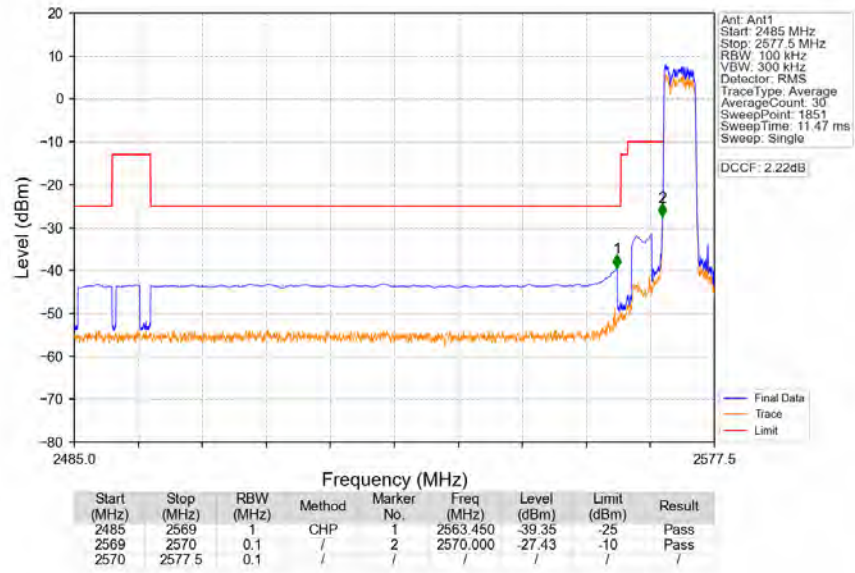
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



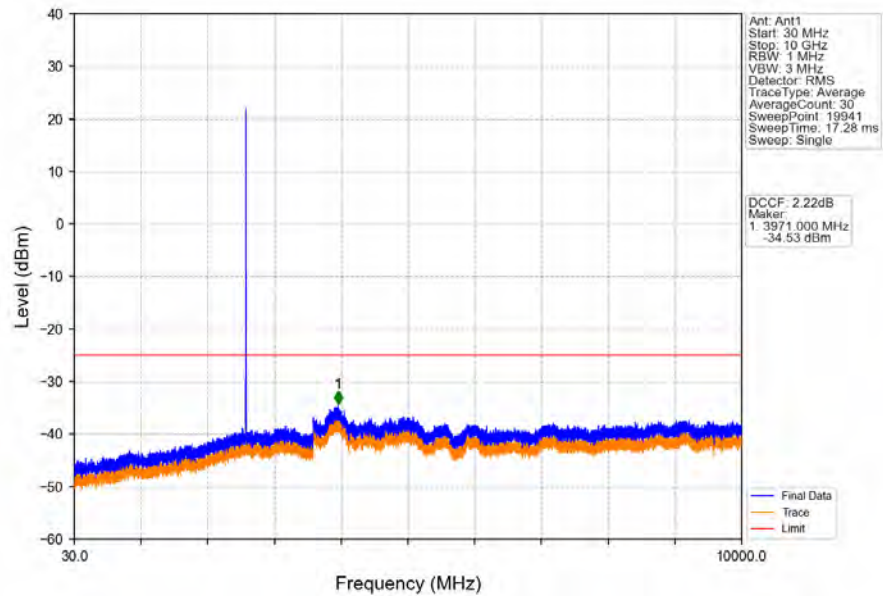
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



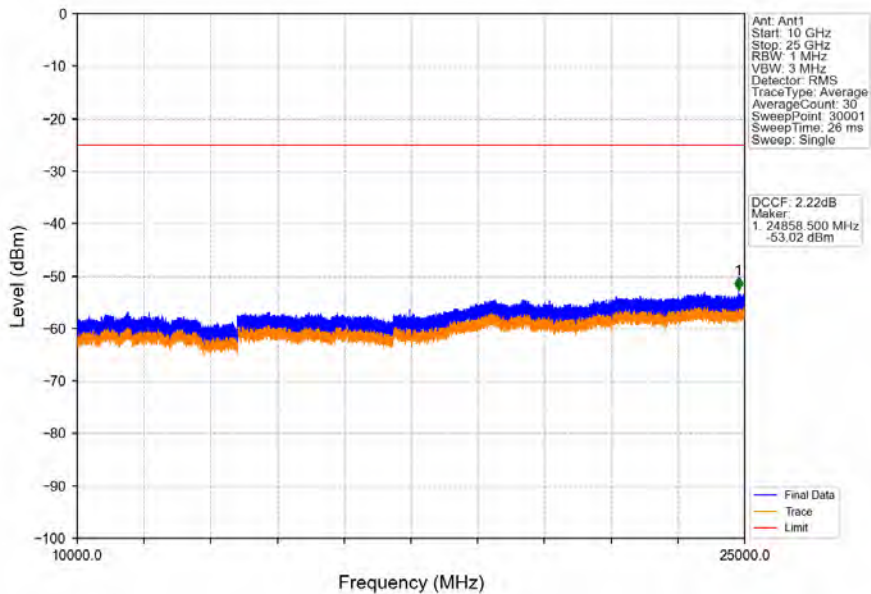
Band38\_5MHz\_QPSK\_LCH\_2572.5MHz\_RB\_25\_0\_NTNV



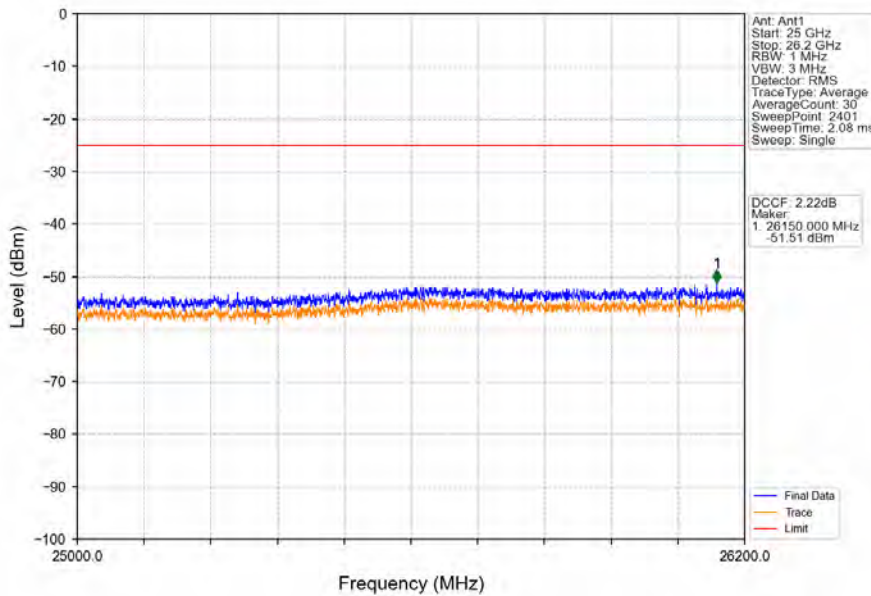
Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



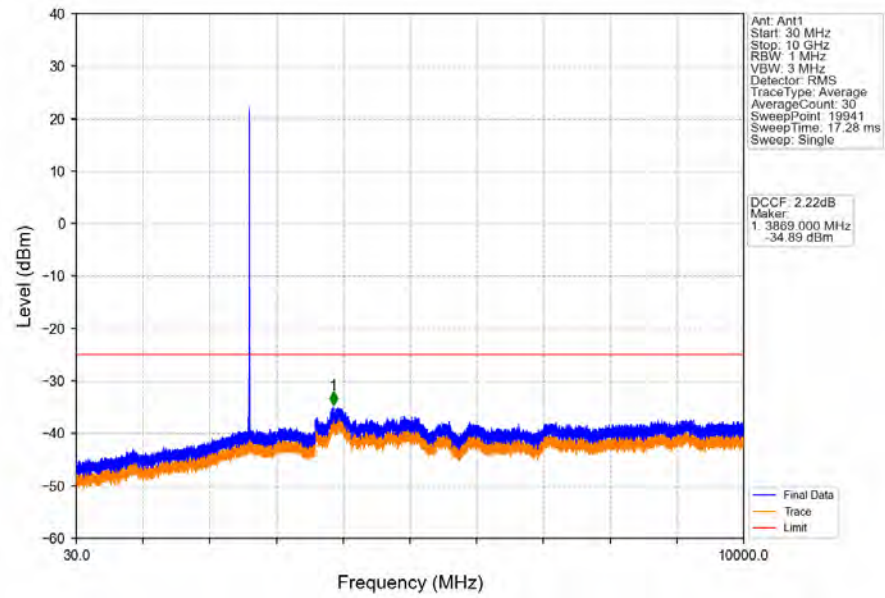
Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



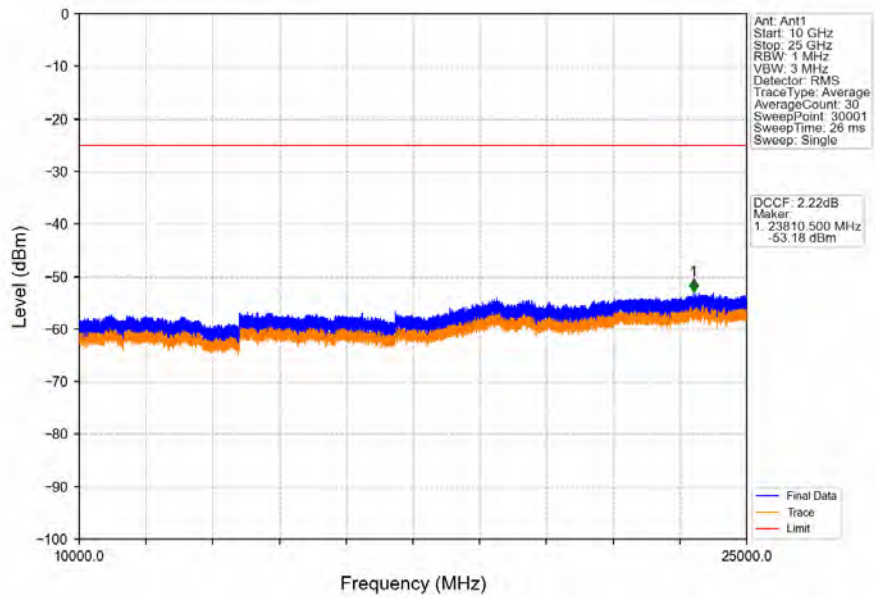
Band38\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



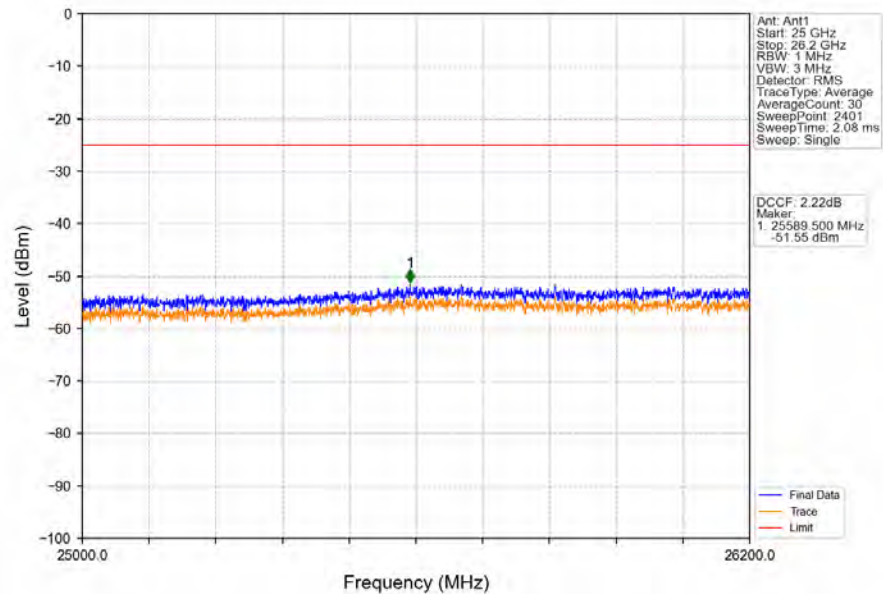
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



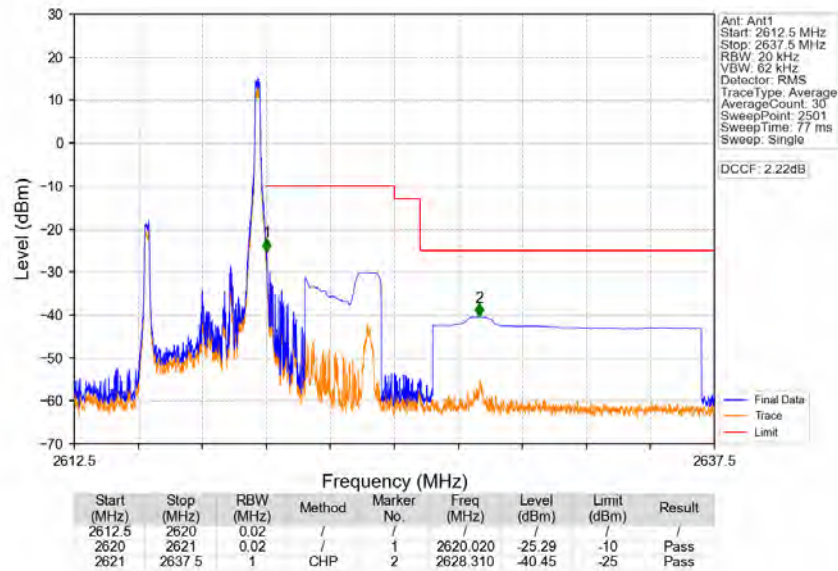
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



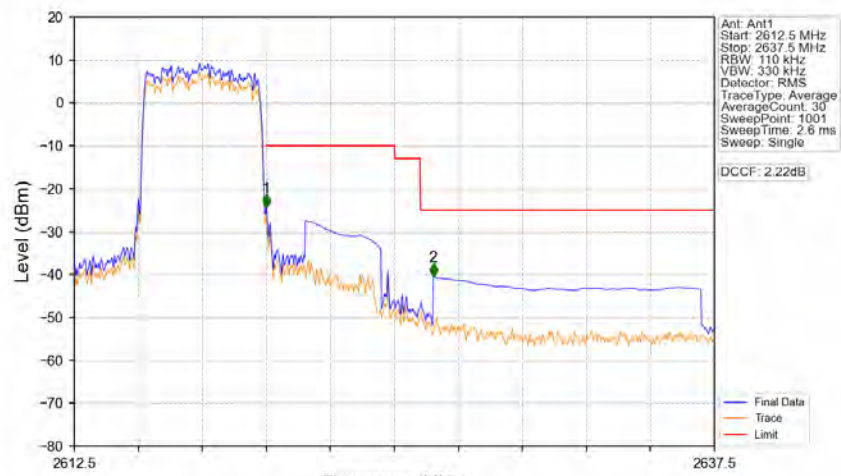
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTN



Band38 5MHz QPSK HCH 2617.5MHz RB 1 24 NTN

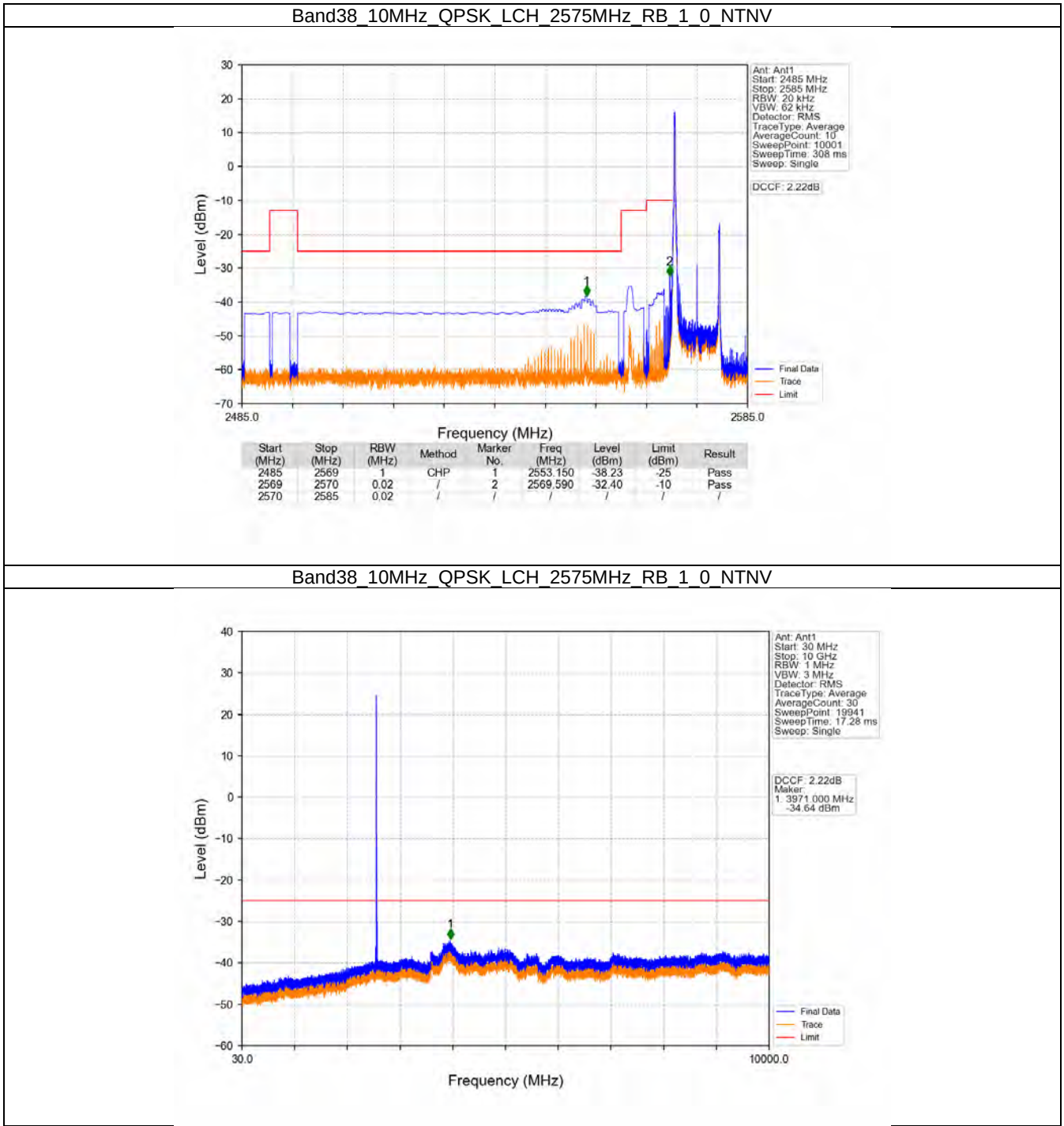


Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV

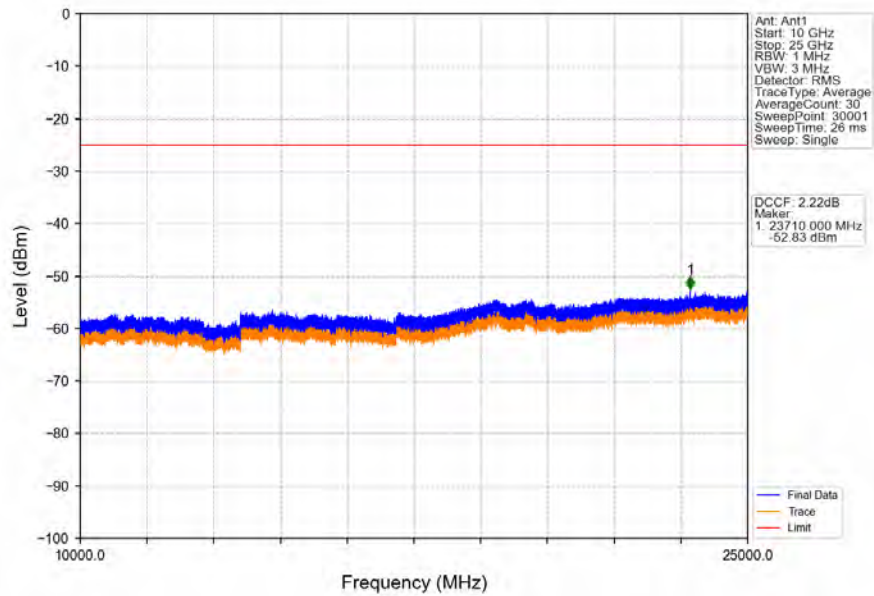


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2612.5      | 2620       | 0.11      | /      | 1          | 2620.000   | -24.35      | -10         | Pass   |
| 2620        | 2621       | 0.11      | /      | 1          | 2620.000   | -24.35      | -10         | Pass   |
| 2621        | 2637.5     | 1         | CHP    | 2          | 2626.525   | -40.40      | -25         | Pass   |

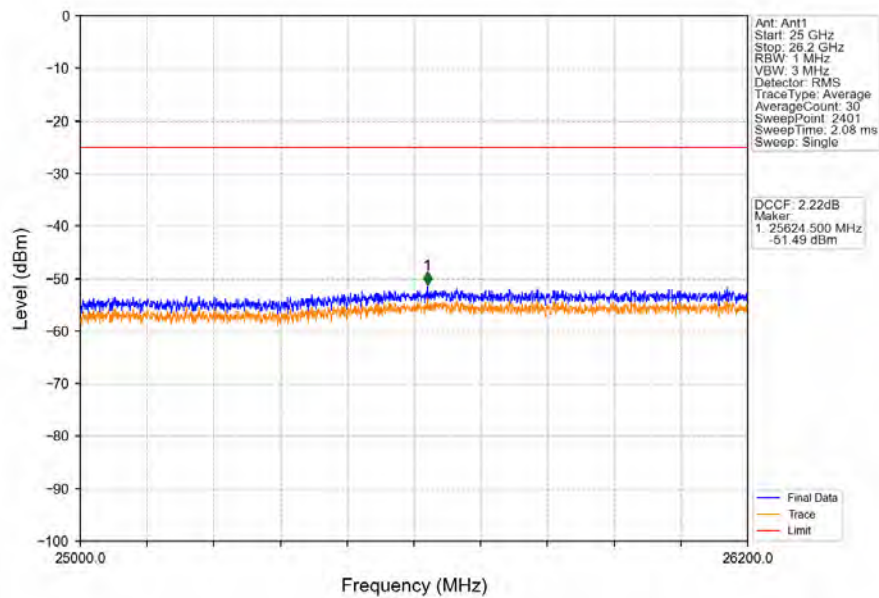
6.2.2 B38\_10MHz



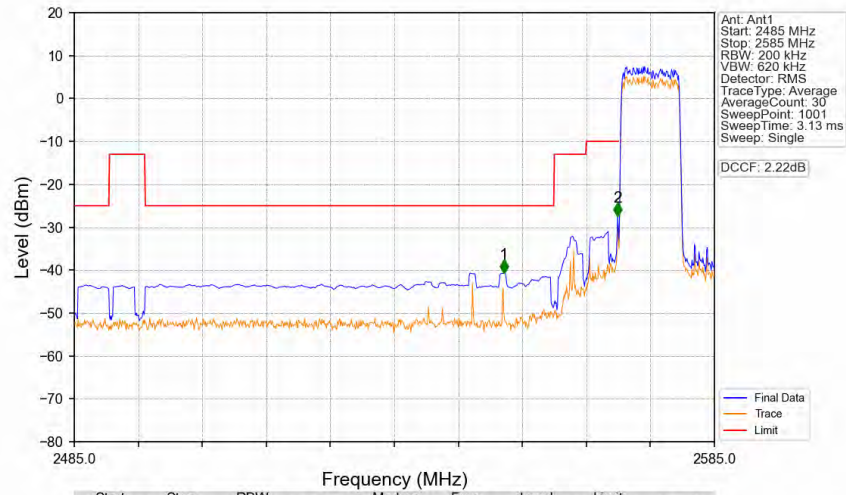
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



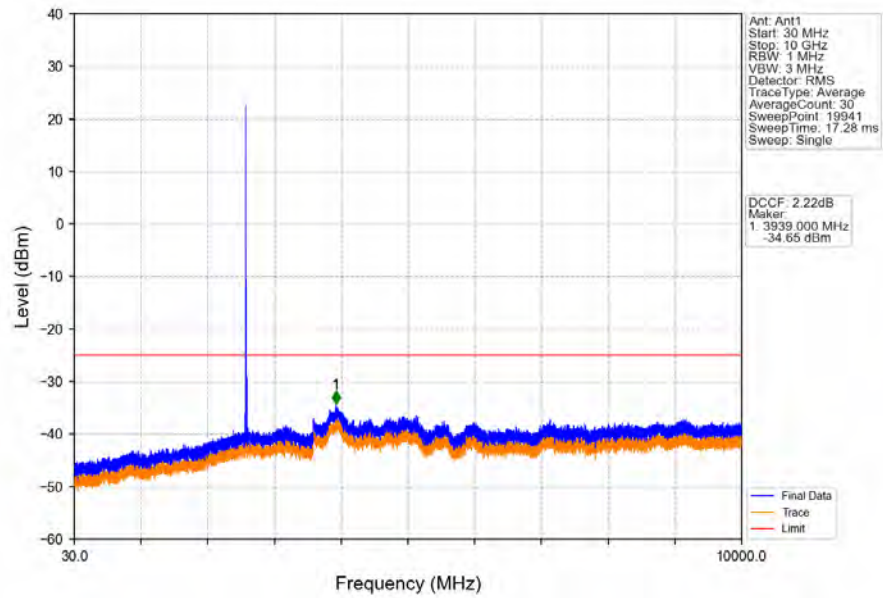
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



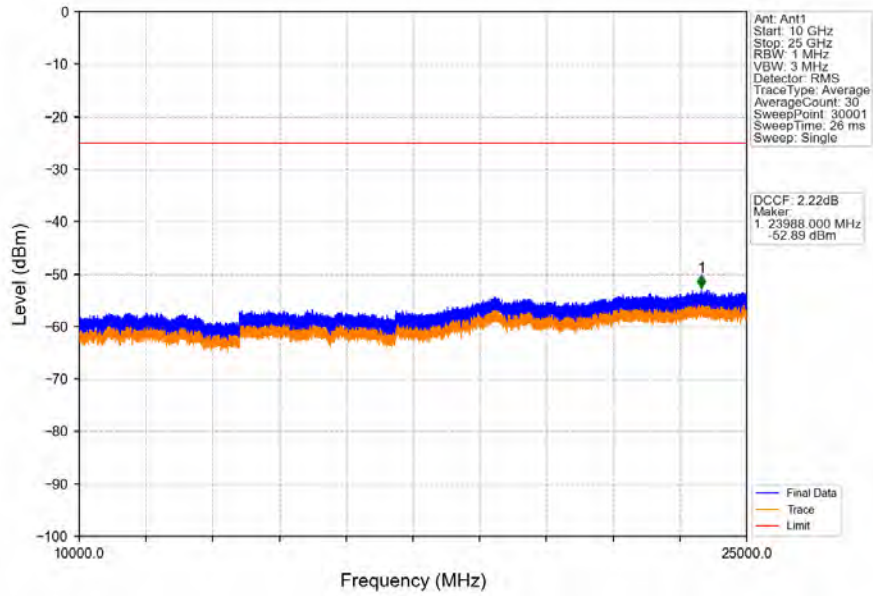
# Band38\_10MHz\_QPSK\_LCH\_2575MHz\_RB\_50\_0\_NTNV



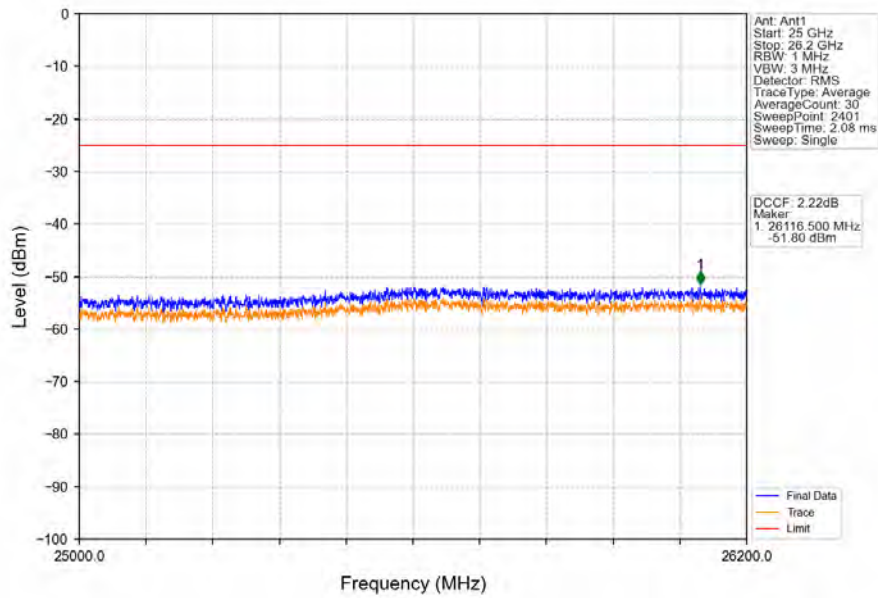
# Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



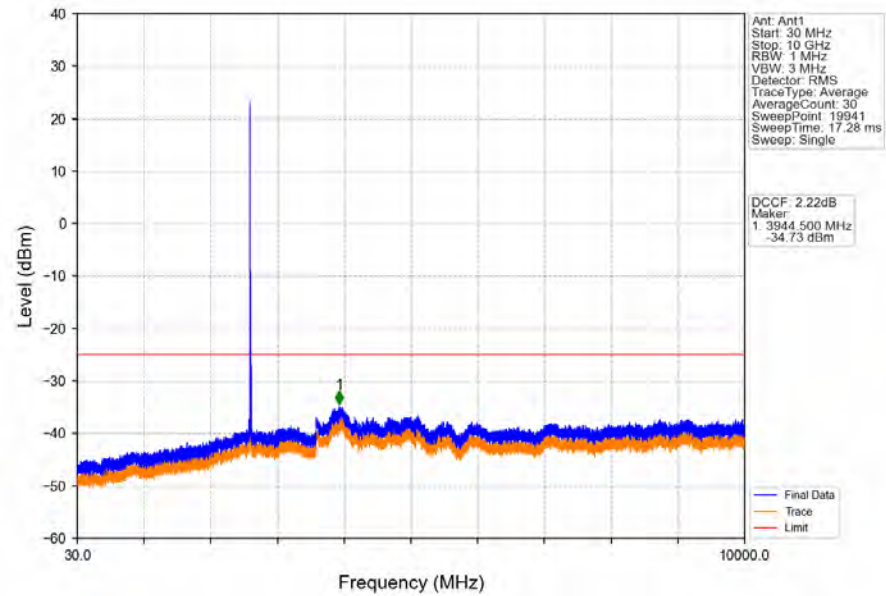
Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



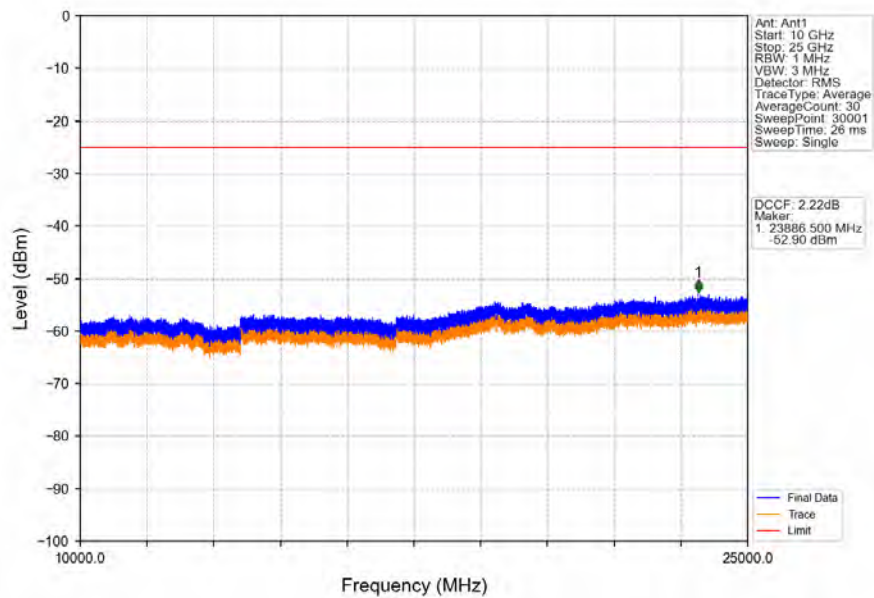
Band38\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



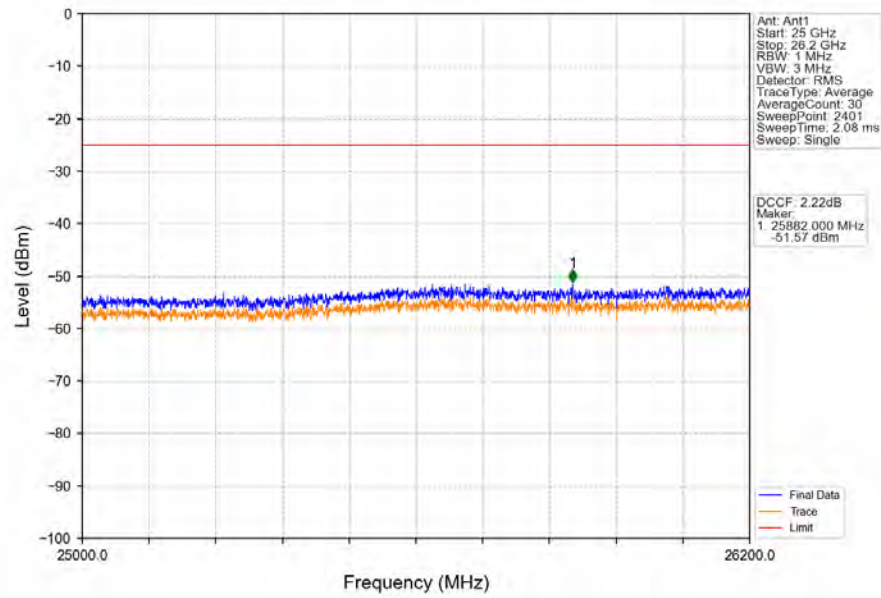
# Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



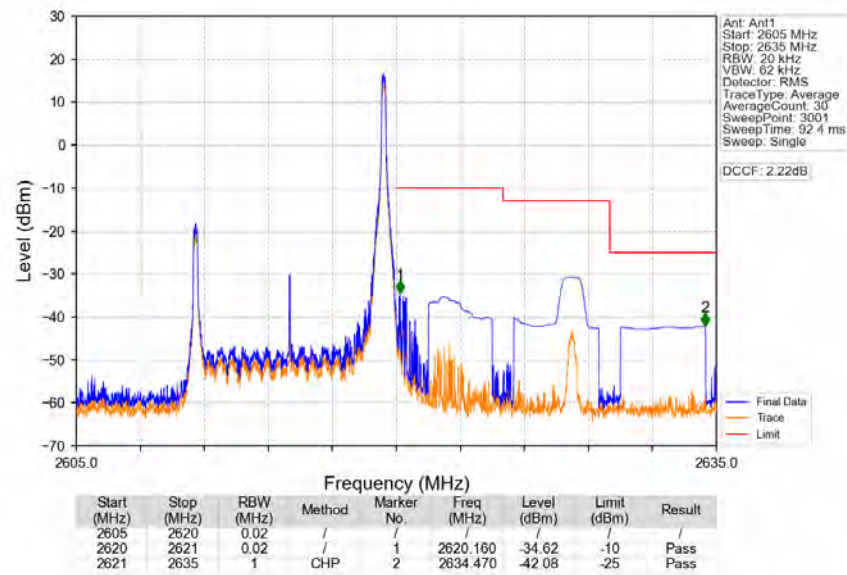
# Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



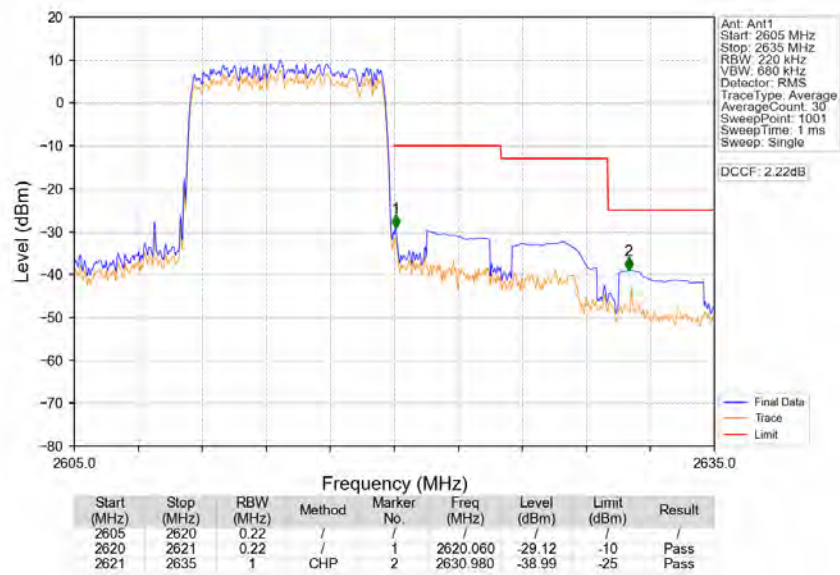
# Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTN



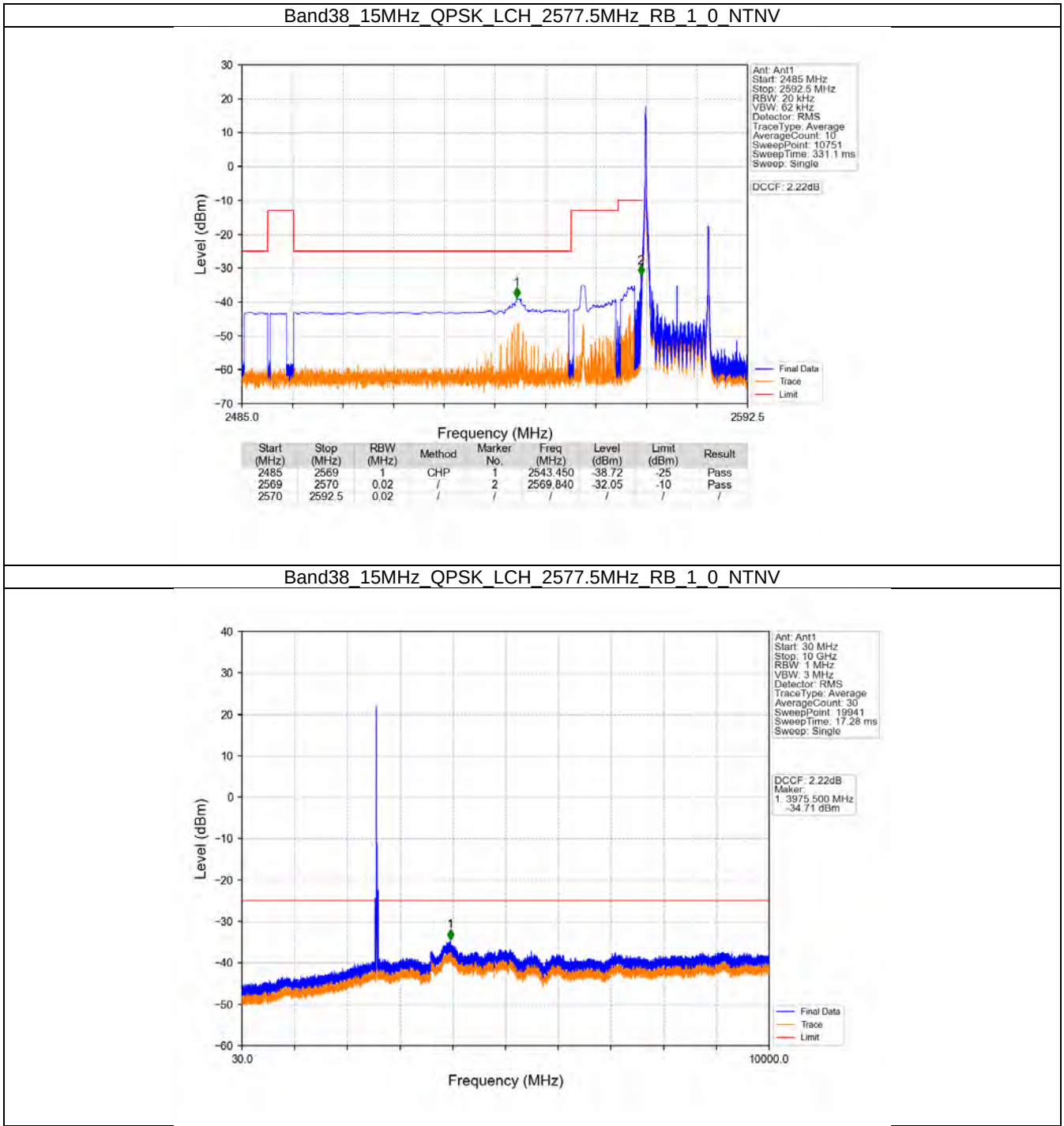
# Band38 10MHz QPSK HCH 2615MHz RB 1 49 NTN



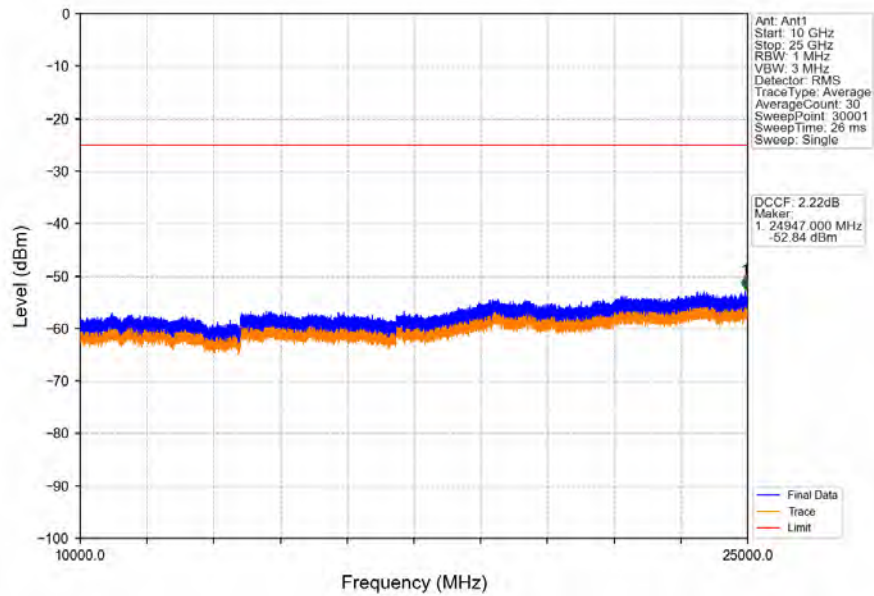
Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTNV



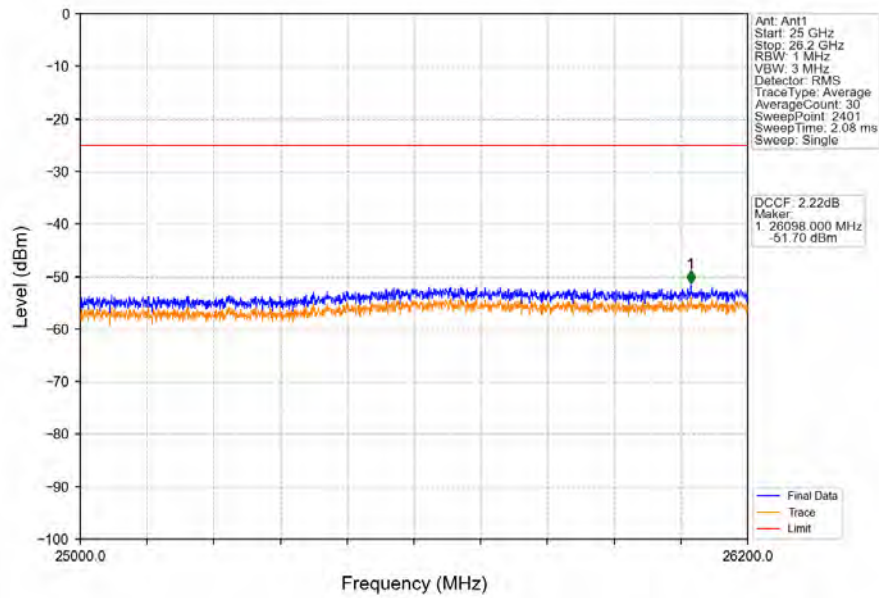
6.2.3 B38\_15MHz



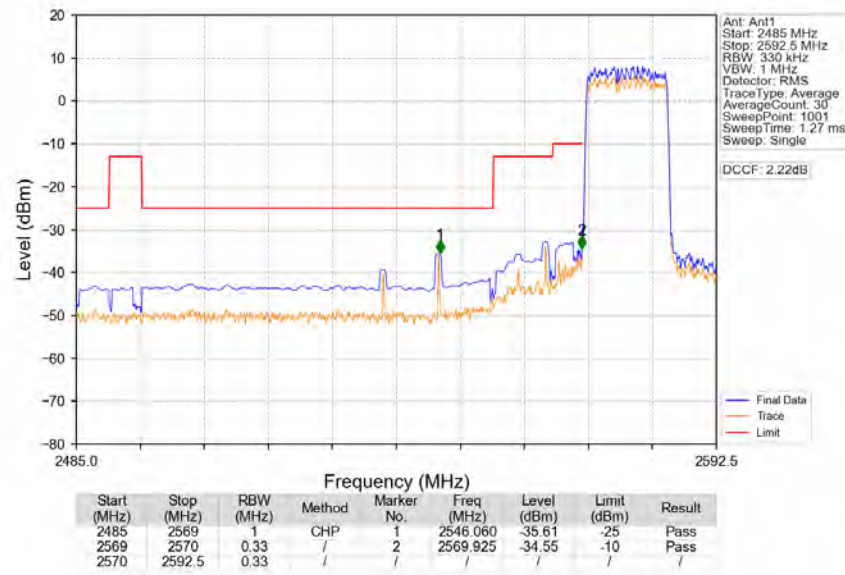
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



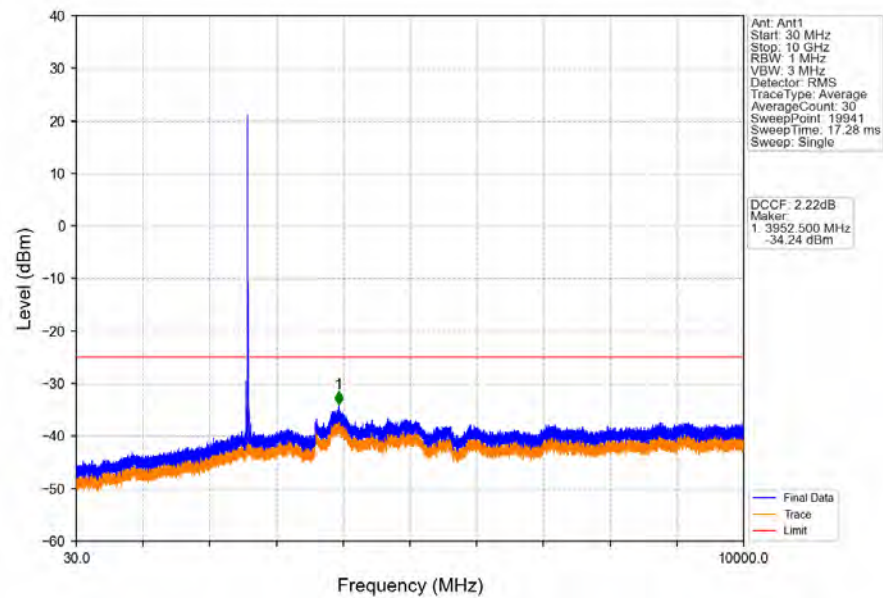
Band38\_15MHz\_QPSK\_LCH\_2577.5MHz\_RB\_1\_0\_NTNV



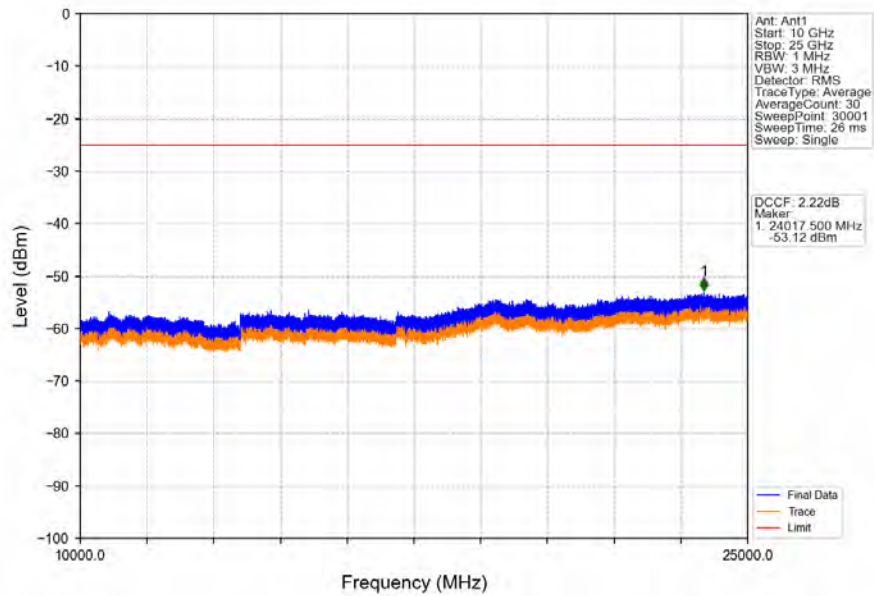
# Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



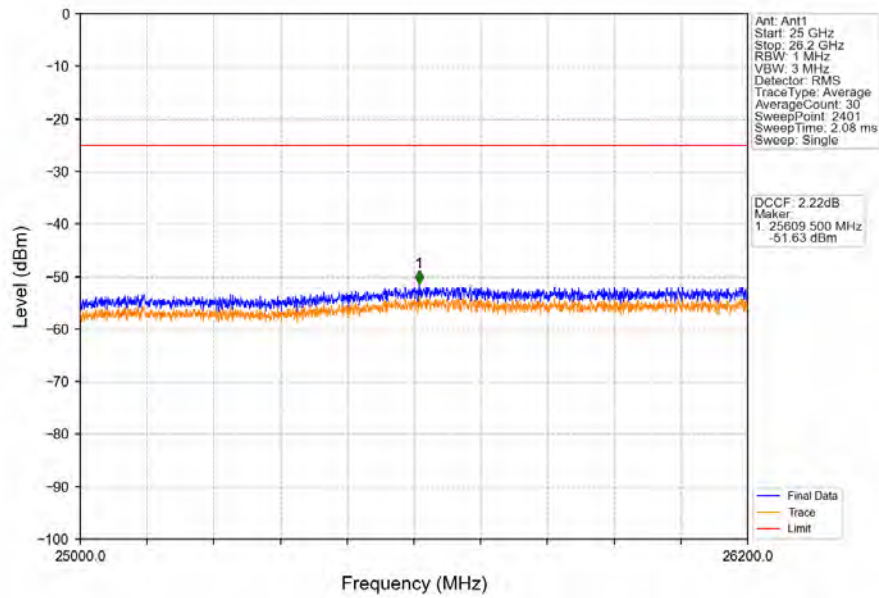
# Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



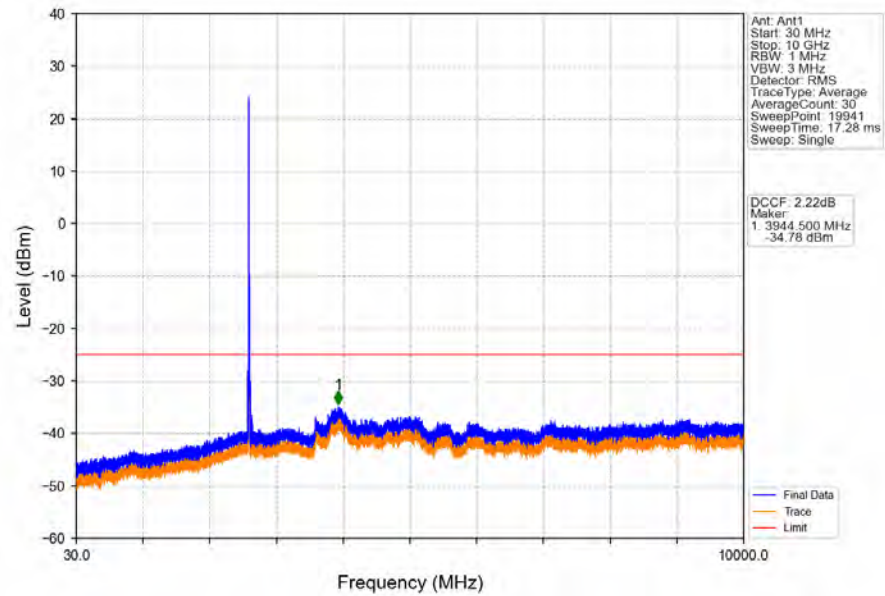
Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



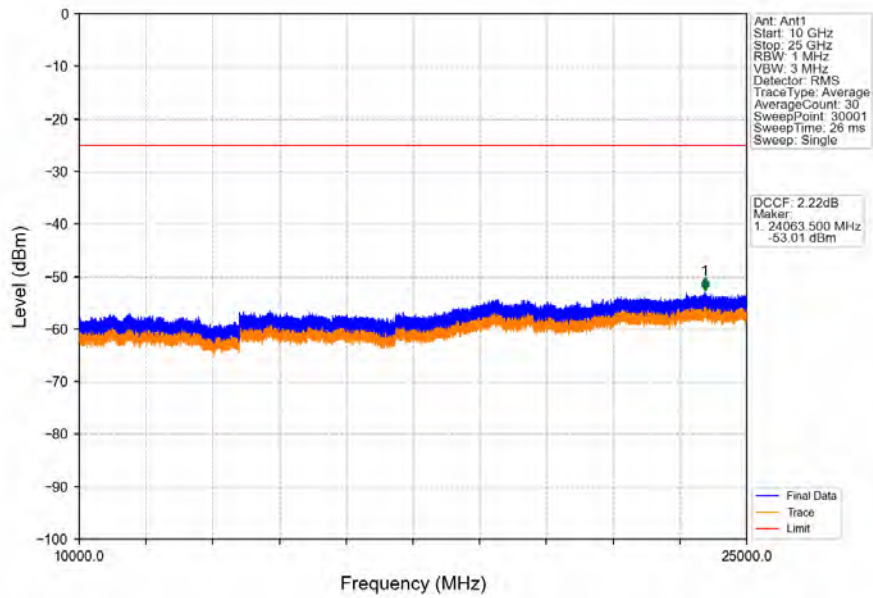
Band38\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



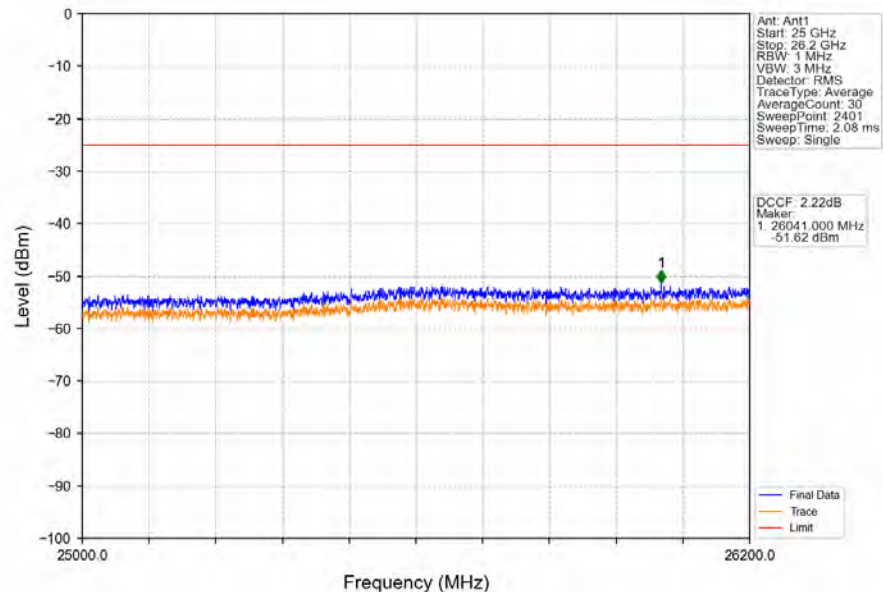
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



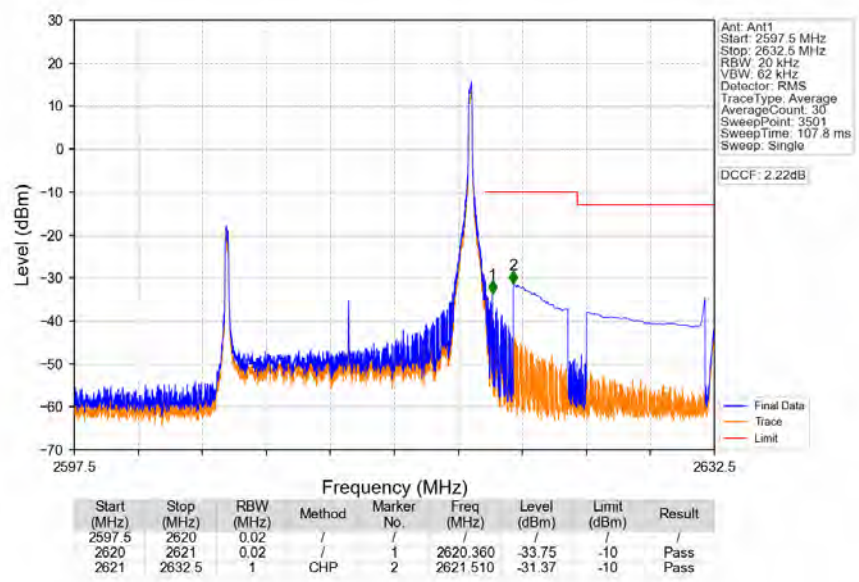
Band38\_15MHz\_QPSK\_HCH\_2612.5MHz\_RB\_1\_0\_NTNV



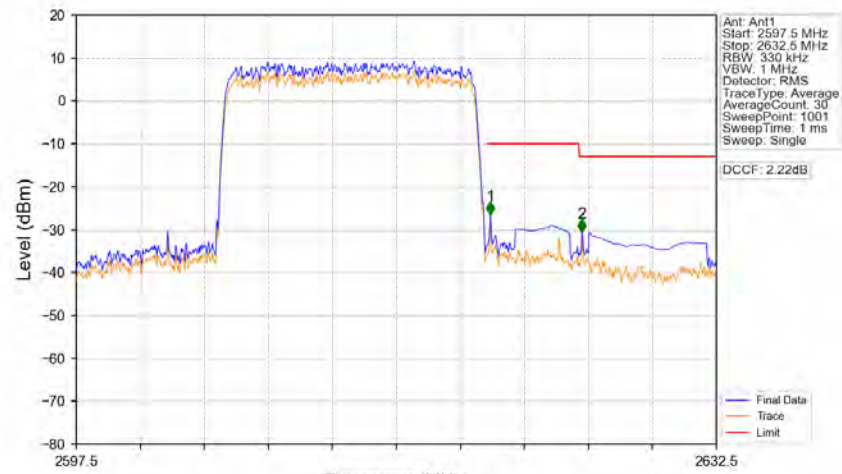
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 74 NTNV

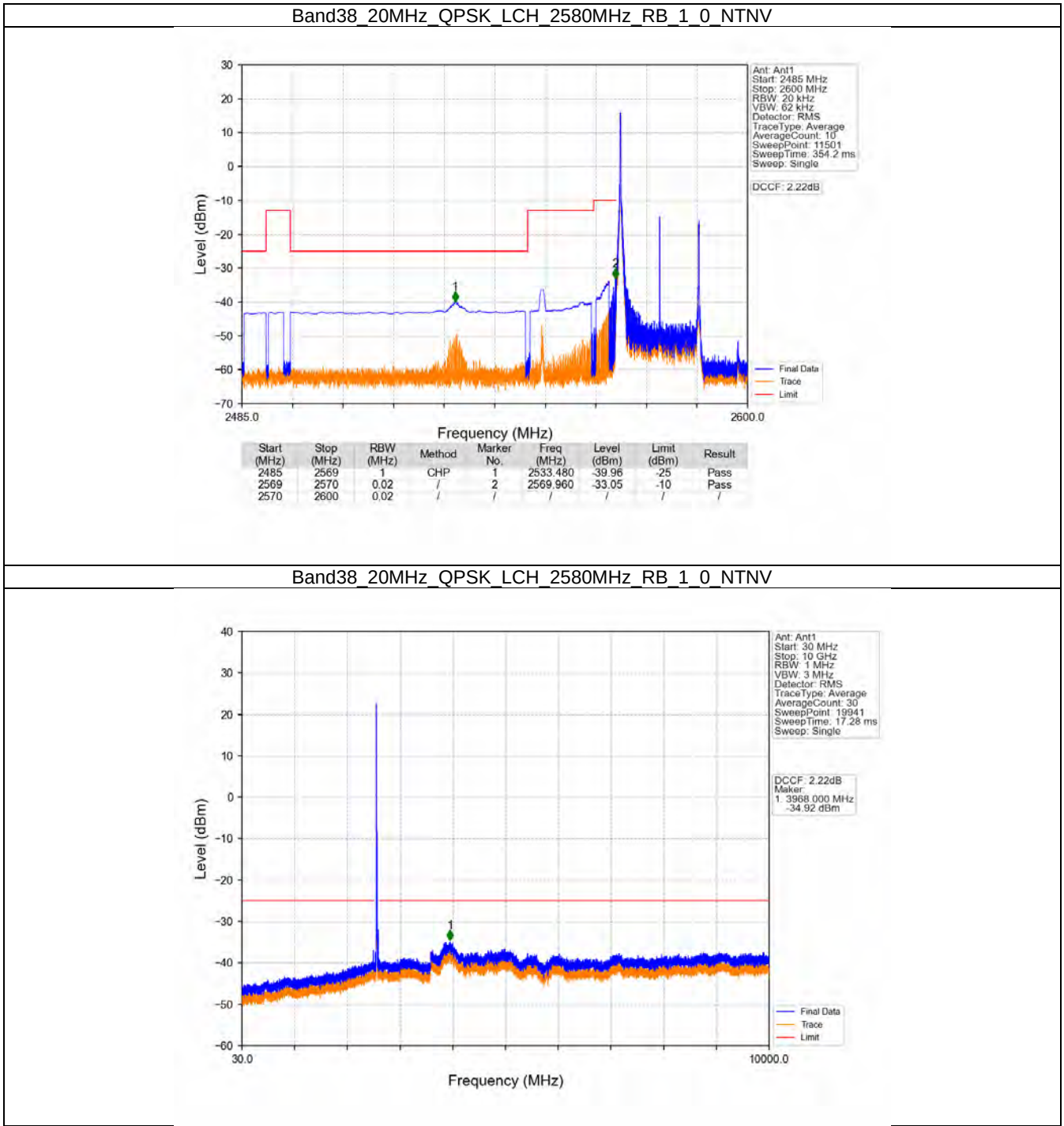


Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN

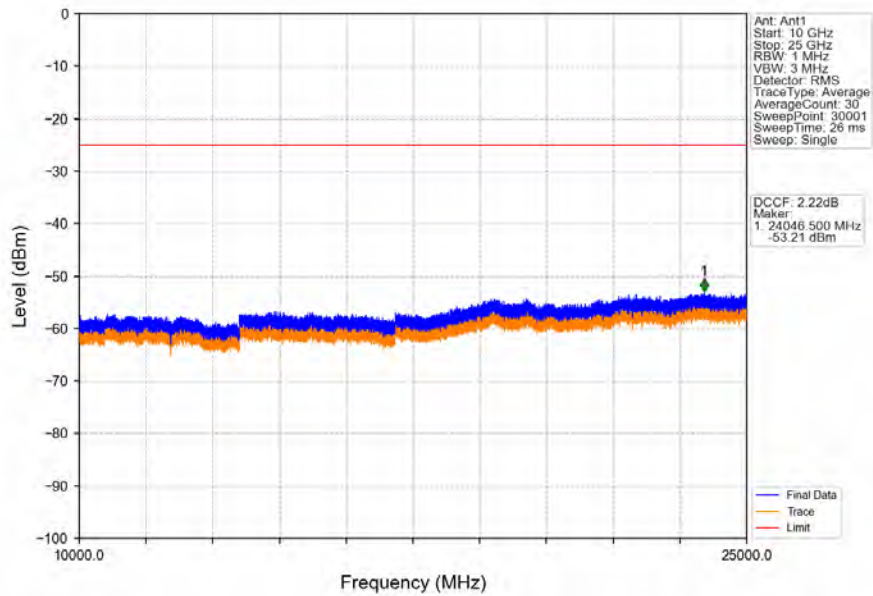


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2597.5      | 2620       | 0.33      | /      | 1          | /          | /           | /           | /      |
| 2620        | 2621       | 0.33      | /      | 1          | 2620.145   | -26.59      | -10         | Pass   |
| 2621        | 2632.5     | 1         | CHP    | 2          | 2625.150   | -30.60      | -13         | Pass   |

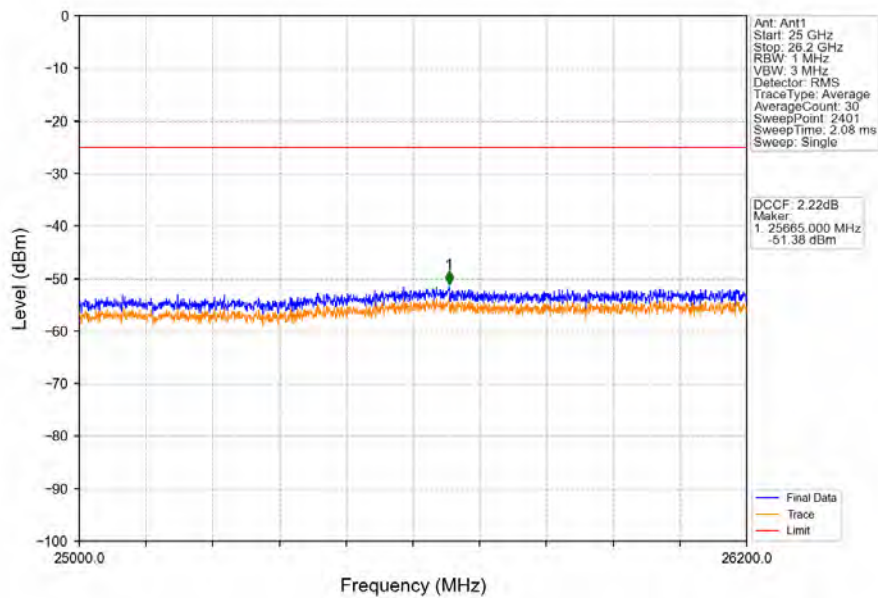
6.2.4 B38\_20MHz



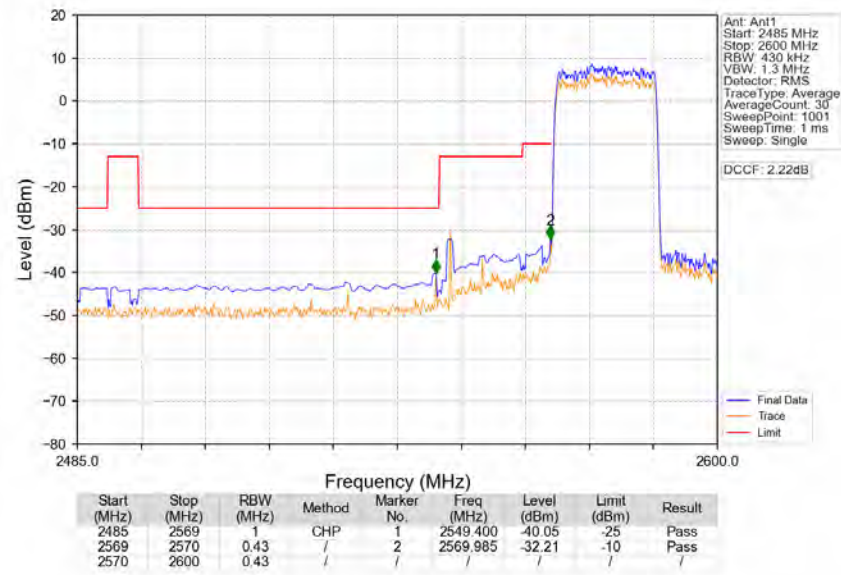
# Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



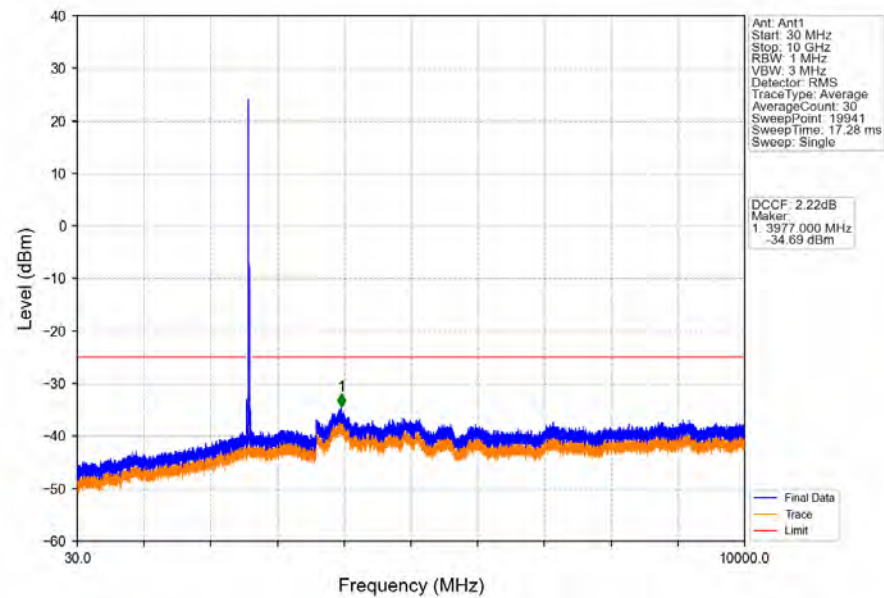
# Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



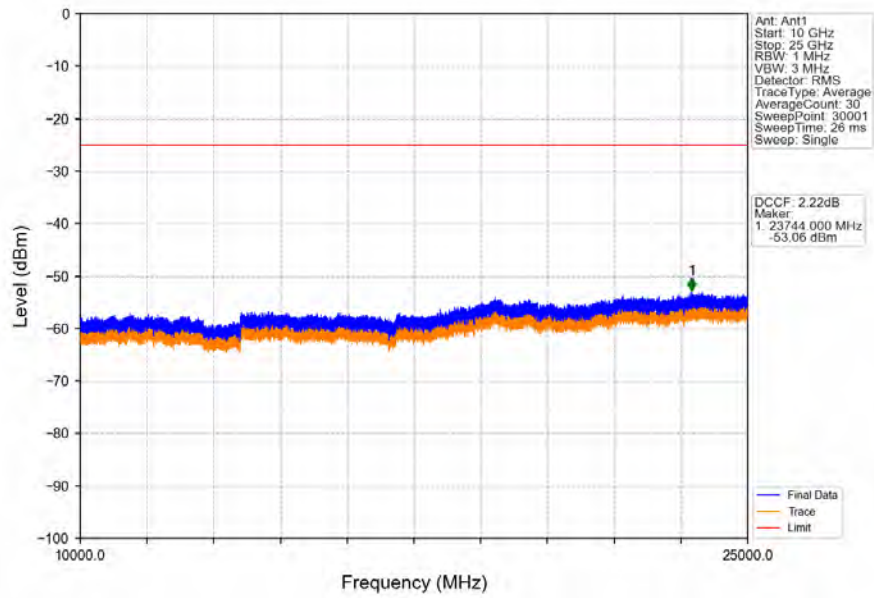
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



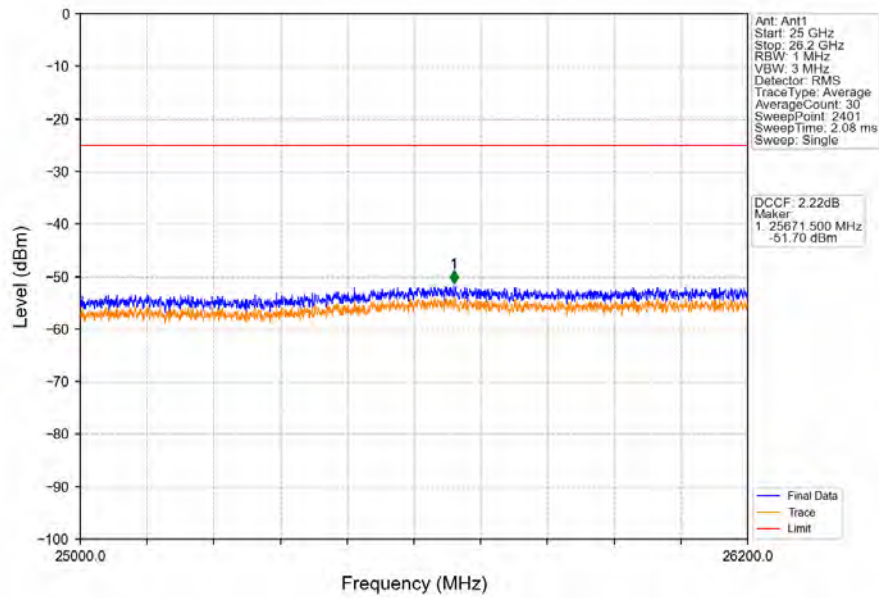
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



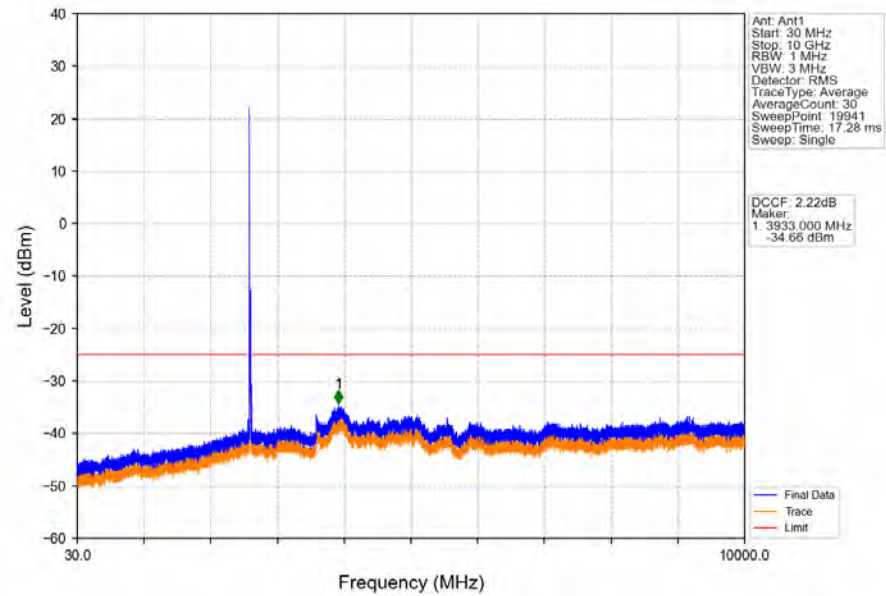
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



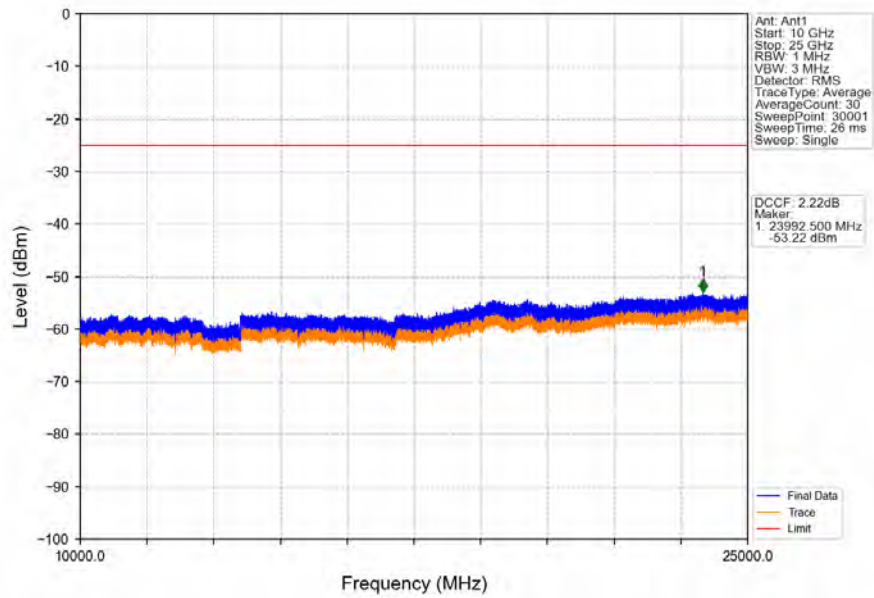
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



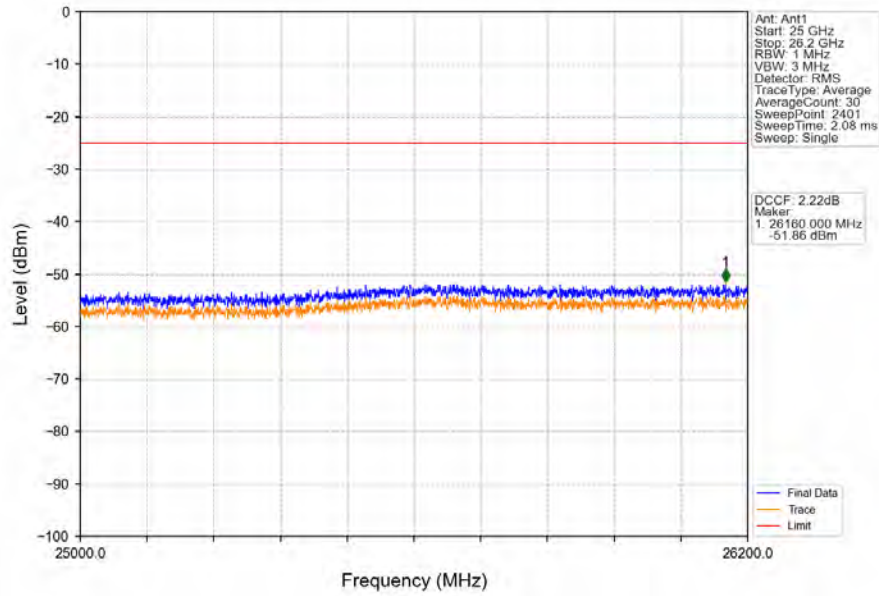
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



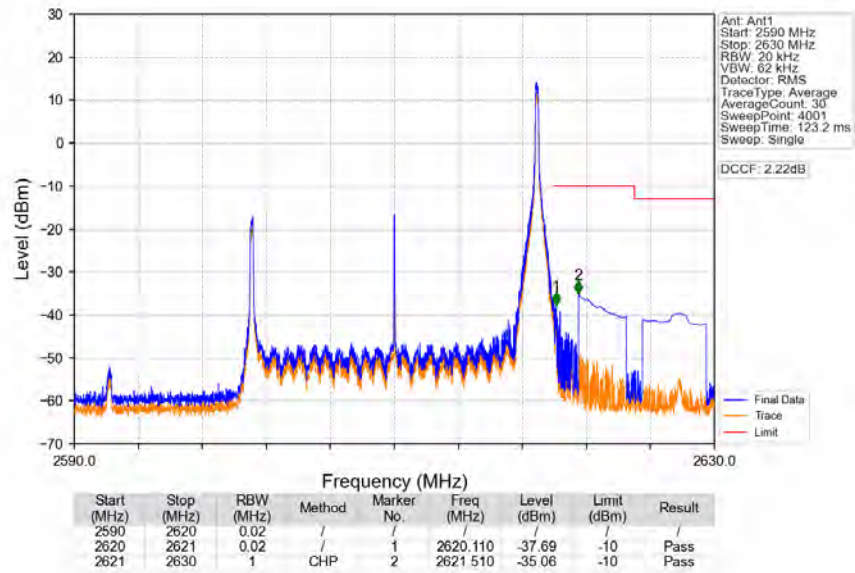
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



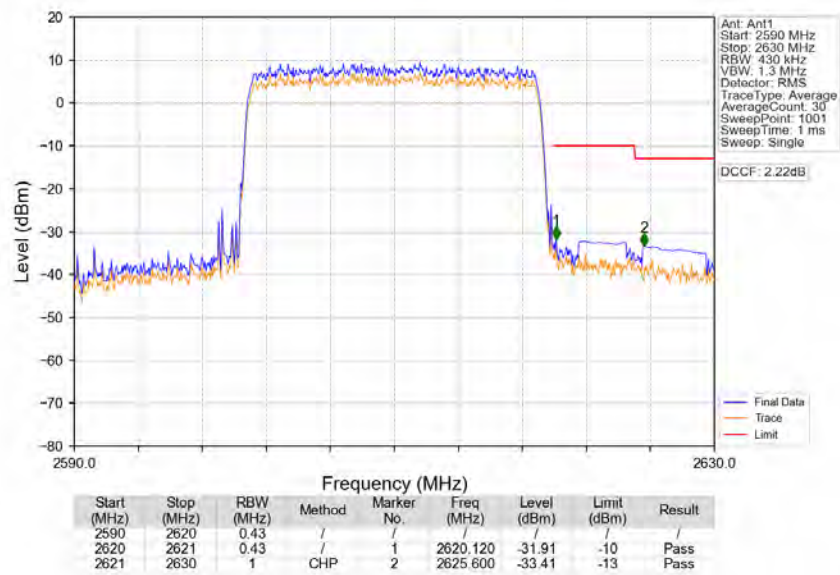
# Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTN



# Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTN



Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTV



---End of Attachment---