

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B41\_5MHz\_EIRP

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2498.5          | 1             | 0      | 27.23                 | 2.21       | 29.44      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 27.32                 | 2.21       | 29.53      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 27.31                 | 2.21       | 29.52      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 26.21                 | 2.21       | 28.42      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 26.29                 | 2.21       | 28.50      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.24                 | 2.21       | 28.45      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 26.20                 | 2.21       | 28.41      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 26.91                 | 2.21       | 29.12      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.95                 | 2.21       | 29.16      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 26.83                 | 2.21       | 29.04      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 25.83                 | 2.21       | 28.04      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 25.89                 | 2.21       | 28.10      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.83                 | 2.21       | 28.04      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 25.83                 | 2.21       | 28.04      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 26.50                 | 2.21       | 28.71      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.66                 | 2.21       | 28.87      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 26.58                 | 2.21       | 28.79      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 25.46                 | 2.21       | 27.67      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 25.54                 | 2.21       | 27.75      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.46                 | 2.21       | 27.67      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 25.52                 | 2.21       | 27.73      | <=33.01 | Pass    |
| 16QAM                             | 2498.5          | 1             | 0      | 26.53                 | 2.21       | 28.74      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.57                 | 2.21       | 28.78      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 26.53                 | 2.21       | 28.74      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 25.27                 | 2.21       | 27.48      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 25.30                 | 2.21       | 27.51      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.30                 | 2.21       | 27.51      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 25.23                 | 2.21       | 27.44      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 26.14                 | 2.21       | 28.35      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.26                 | 2.21       | 28.47      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 26.24                 | 2.21       | 28.45      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 24.92                 | 2.21       | 27.13      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 24.93                 | 2.21       | 27.14      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.84                 | 2.21       | 27.05      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 24.85                 | 2.21       | 27.06      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 25.84                 | 2.21       | 28.05      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.81                 | 2.21       | 28.02      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 25.84                 | 2.21       | 28.05      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 24.53                 | 2.21       | 26.74      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 24.61                 | 2.21       | 26.82      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.55                 | 2.21       | 26.76      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 24.48                 | 2.21       | 26.69      | <=33.01 | Pass    |
| 64QAM                             | 2498.5          | 1             | 0      | 26.23                 | 2.21       | 28.44      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.27                 | 2.21       | 28.48      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 26.53                 | 2.21       | 28.74      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 25.29                 | 2.21       | 27.50      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 25.28                 | 2.21       | 27.49      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.25                 | 2.21       | 27.46      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 25.16                 | 2.21       | 27.37      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 25.94                 | 2.21       | 28.15      | <=33.01 | Pass    |

|  |                                          |    |    |       |      |       |         |      |
|--|------------------------------------------|----|----|-------|------|-------|---------|------|
|  |                                          |    | 13 | 25.92 | 2.21 | 28.13 | <=33.01 | Pass |
|  |                                          |    | 24 | 25.93 | 2.21 | 28.14 | <=33.01 | Pass |
|  |                                          | 12 | 0  | 24.91 | 2.21 | 27.12 | <=33.01 | Pass |
|  |                                          |    | 6  | 24.90 | 2.21 | 27.11 | <=33.01 | Pass |
|  |                                          |    | 13 | 24.82 | 2.21 | 27.03 | <=33.01 | Pass |
|  |                                          | 25 | 0  | 24.85 | 2.21 | 27.06 | <=33.01 | Pass |
|  | 2687.5                                   | 1  | 0  | 25.54 | 2.21 | 27.75 | <=33.01 | Pass |
|  |                                          |    | 13 | 25.66 | 2.21 | 27.87 | <=33.01 | Pass |
|  |                                          |    | 24 | 25.63 | 2.21 | 27.84 | <=33.01 | Pass |
|  |                                          | 12 | 0  | 24.53 | 2.21 | 26.74 | <=33.01 | Pass |
|  |                                          |    | 6  | 24.62 | 2.21 | 26.83 | <=33.01 | Pass |
|  |                                          |    | 13 | 24.54 | 2.21 | 26.75 | <=33.01 | Pass |
|  |                                          | 25 | 0  | 24.50 | 2.21 | 26.71 | <=33.01 | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |    |    |       |      |       |         |      |

### 1.1.2 B41\_10MHz\_EIRP

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2501            | 1             | 0      | 27.06                 | 2.21       | 29.27      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 27.14                 | 2.21       | 29.35      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 27.04                 | 2.21       | 29.25      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 26.19                 | 2.21       | 28.40      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 26.12                 | 2.21       | 28.33      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.14                 | 2.21       | 28.35      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 26.09                 | 2.21       | 28.30      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 26.87                 | 2.21       | 29.08      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.92                 | 2.21       | 29.13      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 26.79                 | 2.21       | 29.00      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 25.85                 | 2.21       | 28.06      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 25.88                 | 2.21       | 28.09      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.82                 | 2.21       | 28.03      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 25.82                 | 2.21       | 28.03      | <=33.01 | Pass    |
|                                    | 2685            | 1             | 0      | 26.36                 | 2.21       | 28.57      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.47                 | 2.21       | 28.68      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 26.49                 | 2.21       | 28.70      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 25.45                 | 2.21       | 27.66      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 25.49                 | 2.21       | 27.70      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.48                 | 2.21       | 27.69      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 25.49                 | 2.21       | 27.70      | <=33.01 | Pass    |
| 16QAM                              | 2501            | 1             | 0      | 26.53                 | 2.21       | 28.74      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.60                 | 2.21       | 28.81      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 26.44                 | 2.21       | 28.65      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 25.18                 | 2.21       | 27.39      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 25.13                 | 2.21       | 27.34      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.15                 | 2.21       | 27.36      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 25.14                 | 2.21       | 27.35      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 26.18                 | 2.21       | 28.39      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.10                 | 2.21       | 28.31      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 26.07                 | 2.21       | 28.28      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 24.88                 | 2.21       | 27.09      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 24.86                 | 2.21       | 27.07      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 24.83                 | 2.21       | 27.04      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 24.86                 | 2.21       | 27.07      | <=33.01 | Pass    |
|                                    | 2685            | 1             | 0      | 25.64                 | 2.21       | 27.85      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.92                 | 2.21       | 28.13      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 25.89                 | 2.21       | 28.10      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 24.47                 | 2.21       | 26.68      | <=33.01 | Pass    |

|       |      |                                          |    |       |       |       |         |         |      |  |
|-------|------|------------------------------------------|----|-------|-------|-------|---------|---------|------|--|
|       |      |                                          | 13 | 24.51 | 2.21  | 26.72 | <=33.01 | Pass    |      |  |
|       |      |                                          | 25 | 24.52 | 2.21  | 26.73 | <=33.01 | Pass    |      |  |
|       |      | 50                                       | 0  | 24.50 | 2.21  | 26.71 | <=33.01 | Pass    |      |  |
| 64QAM | 2501 | 1                                        | 0  | 26.37 | 2.21  | 28.58 | <=33.01 | Pass    |      |  |
|       |      |                                          | 25 | 26.38 | 2.21  | 28.59 | <=33.01 | Pass    |      |  |
|       |      |                                          | 49 | 26.47 | 2.21  | 28.68 | <=33.01 | Pass    |      |  |
|       |      | 25                                       | 0  | 25.19 | 2.21  | 27.40 | <=33.01 | Pass    |      |  |
|       |      |                                          | 13 | 25.14 | 2.21  | 27.35 | <=33.01 | Pass    |      |  |
|       |      |                                          | 25 | 25.13 | 2.21  | 27.34 | <=33.01 | Pass    |      |  |
|       |      | 50                                       | 0  | 25.11 | 2.21  | 27.32 | <=33.01 | Pass    |      |  |
|       |      | 2593                                     | 1  | 0     | 26.06 | 2.21  | 28.27   | <=33.01 | Pass |  |
|       |      |                                          |    | 25    | 25.96 | 2.21  | 28.17   | <=33.01 | Pass |  |
|       | 49   |                                          |    | 25.84 | 2.21  | 28.05 | <=33.01 | Pass    |      |  |
|       | 25   |                                          | 0  | 24.86 | 2.21  | 27.07 | <=33.01 | Pass    |      |  |
|       |      |                                          | 13 | 24.86 | 2.21  | 27.07 | <=33.01 | Pass    |      |  |
|       |      |                                          | 25 | 24.82 | 2.21  | 27.03 | <=33.01 | Pass    |      |  |
|       | 50   |                                          | 0  | 24.80 | 2.21  | 27.01 | <=33.01 | Pass    |      |  |
|       | 2685 |                                          | 1  | 0     | 25.44 | 2.21  | 27.65   | <=33.01 | Pass |  |
|       |      |                                          |    | 25    | 25.57 | 2.21  | 27.78   | <=33.01 | Pass |  |
|       |      | 49                                       |    | 25.65 | 2.21  | 27.86 | <=33.01 | Pass    |      |  |
|       |      | 25                                       | 0  | 24.45 | 2.21  | 26.66 | <=33.01 | Pass    |      |  |
|       |      |                                          | 13 | 24.53 | 2.21  | 26.74 | <=33.01 | Pass    |      |  |
|       |      |                                          | 25 | 24.52 | 2.21  | 26.73 | <=33.01 | Pass    |      |  |
|       |      | 50                                       | 0  | 24.55 | 2.21  | 26.76 | <=33.01 | Pass    |      |  |
|       |      | Note1: EIRP=Conducted Power+Antenna Gain |    |       |       |       |         |         |      |  |

### 1.1.3 B41\_15MHz\_EIRP

| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2503.5          | 1             | 0      | 26.96                 | 2.21       | 29.17      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 27.08                 | 2.21       | 29.29      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 27.04                 | 2.21       | 29.25      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 26.18                 | 2.21       | 28.39      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 26.09                 | 2.21       | 28.30      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 26.11                 | 2.21       | 28.32      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 26.58                 | 2.21       | 28.79      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 26.91                 | 2.21       | 29.12      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 27.04                 | 2.21       | 29.25      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 26.77                 | 2.21       | 28.98      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 25.86                 | 2.21       | 28.07      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 25.83                 | 2.21       | 28.04      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 25.74                 | 2.21       | 27.95      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 24.37                 | 2.21       | 26.58      | <=33.01 | Pass    |
|                                    | 2682.5          | 1             | 0      | 26.39                 | 2.21       | 28.60      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 26.56                 | 2.21       | 28.77      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 26.61                 | 2.21       | 28.82      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 25.43                 | 2.21       | 27.64      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 25.46                 | 2.21       | 27.67      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 25.45                 | 2.21       | 27.66      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 25.47                 | 2.21       | 27.68      | <=33.01 | Pass    |
| 16QAM                              | 2503.5          | 1             | 0      | 26.35                 | 2.21       | 28.56      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 26.45                 | 2.21       | 28.66      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 26.37                 | 2.21       | 28.58      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 25.22                 | 2.21       | 27.43      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 25.15                 | 2.21       | 27.36      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 25.12                 | 2.21       | 27.33      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 25.63                 | 2.21       | 27.84      | <=33.01 | Pass    |

|                                          |        |    |    |       |      |       |         |      |
|------------------------------------------|--------|----|----|-------|------|-------|---------|------|
|                                          | 2593   | 1  | 0  | 26.04 | 2.21 | 28.25 | <=33.01 | Pass |
|                                          |        |    | 38 | 26.03 | 2.21 | 28.24 | <=33.01 | Pass |
|                                          |        |    | 74 | 25.87 | 2.21 | 28.08 | <=33.01 | Pass |
|                                          |        | 36 | 0  | 24.87 | 2.21 | 27.08 | <=33.01 | Pass |
|                                          |        |    | 18 | 24.84 | 2.21 | 27.05 | <=33.01 | Pass |
|                                          |        |    | 39 | 24.83 | 2.21 | 27.04 | <=33.01 | Pass |
|                                          |        | 75 | 0  | 23.41 | 2.21 | 25.62 | <=33.01 | Pass |
|                                          | 2682.5 | 1  | 0  | 25.64 | 2.21 | 27.85 | <=33.01 | Pass |
|                                          |        |    | 38 | 25.66 | 2.21 | 27.87 | <=33.01 | Pass |
|                                          |        |    | 74 | 25.77 | 2.21 | 27.98 | <=33.01 | Pass |
|                                          |        | 36 | 0  | 24.42 | 2.21 | 26.63 | <=33.01 | Pass |
|                                          |        |    | 18 | 24.46 | 2.21 | 26.67 | <=33.01 | Pass |
|                                          |        |    | 39 | 24.48 | 2.21 | 26.69 | <=33.01 | Pass |
|                                          |        | 75 | 0  | 24.48 | 2.21 | 26.69 | <=33.01 | Pass |
| 64QAM                                    | 2503.5 | 1  | 0  | 26.15 | 2.21 | 28.36 | <=33.01 | Pass |
|                                          |        |    | 38 | 26.25 | 2.21 | 28.46 | <=33.01 | Pass |
|                                          |        |    | 74 | 26.12 | 2.21 | 28.33 | <=33.01 | Pass |
|                                          |        | 36 | 0  | 25.18 | 2.21 | 27.39 | <=33.01 | Pass |
|                                          |        |    | 18 | 25.17 | 2.21 | 27.38 | <=33.01 | Pass |
|                                          |        |    | 39 | 25.18 | 2.21 | 27.39 | <=33.01 | Pass |
|                                          |        | 75 | 0  | 25.60 | 2.21 | 27.81 | <=33.01 | Pass |
|                                          | 2593   | 1  | 0  | 25.84 | 2.21 | 28.05 | <=33.01 | Pass |
|                                          |        |    | 38 | 25.84 | 2.21 | 28.05 | <=33.01 | Pass |
|                                          |        |    | 74 | 25.77 | 2.21 | 27.98 | <=33.01 | Pass |
|                                          |        | 36 | 0  | 24.89 | 2.21 | 27.10 | <=33.01 | Pass |
|                                          |        |    | 18 | 24.83 | 2.21 | 27.04 | <=33.01 | Pass |
|                                          |        |    | 39 | 24.76 | 2.21 | 26.97 | <=33.01 | Pass |
|                                          |        | 75 | 0  | 23.38 | 2.21 | 25.59 | <=33.01 | Pass |
|                                          | 2682.5 | 1  | 0  | 25.25 | 2.21 | 27.46 | <=33.01 | Pass |
|                                          |        |    | 38 | 25.54 | 2.21 | 27.75 | <=33.01 | Pass |
|                                          |        |    | 74 | 25.61 | 2.21 | 27.82 | <=33.01 | Pass |
|                                          |        | 36 | 0  | 24.47 | 2.21 | 26.68 | <=33.01 | Pass |
|                                          |        |    | 18 | 24.48 | 2.21 | 26.69 | <=33.01 | Pass |
|                                          |        |    | 39 | 24.47 | 2.21 | 26.68 | <=33.01 | Pass |
|                                          |        | 75 | 0  | 24.47 | 2.21 | 26.68 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |      |       |         |      |

#### 1.1.4 B41\_20MHz\_EIRP

| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2506            | 1             | 0      | 26.97                 | 2.21       | 29.18      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 27.05                 | 2.21       | 29.26      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 26.95                 | 2.21       | 29.16      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 26.16                 | 2.21       | 28.37      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.21                 | 2.21       | 28.42      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 26.09                 | 2.21       | 28.30      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 26.13                 | 2.21       | 28.34      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 27.02                 | 2.21       | 29.23      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 27.01                 | 2.21       | 29.22      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 26.82                 | 2.21       | 29.03      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 25.85                 | 2.21       | 28.06      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.83                 | 2.21       | 28.04      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 25.75                 | 2.21       | 27.96      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 25.80                 | 2.21       | 28.01      | <=33.01 | Pass    |
|                                    | 2680            | 1             | 0      | 26.52                 | 2.21       | 28.73      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 26.62                 | 2.21       | 28.83      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 26.55                 | 2.21       | 28.76      | <=33.01 | Pass    |

|                                          |      |       |      |       |       |       |         |         |         |      |
|------------------------------------------|------|-------|------|-------|-------|-------|---------|---------|---------|------|
|                                          |      | 50    | 0    | 25.40 | 2.21  | 27.61 | <=33.01 | Pass    |         |      |
|                                          |      |       | 25   | 25.43 | 2.21  | 27.64 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 25.43 | 2.21  | 27.64 | <=33.01 | Pass    |         |      |
|                                          |      | 100   | 0    | 25.43 | 2.21  | 27.64 | <=33.01 | Pass    |         |      |
| 16QAM                                    | 2506 | 1     | 0    | 26.44 | 2.21  | 28.65 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 26.32 | 2.21  | 28.53 | <=33.01 | Pass    |         |      |
|                                          |      |       | 99   | 26.33 | 2.21  | 28.54 | <=33.01 | Pass    |         |      |
|                                          |      | 50    | 0    | 25.19 | 2.21  | 27.40 | <=33.01 | Pass    |         |      |
|                                          |      |       | 25   | 25.27 | 2.21  | 27.48 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 25.15 | 2.21  | 27.36 | <=33.01 | Pass    |         |      |
|                                          |      | 100   | 0    | 25.16 | 2.21  | 27.37 | <=33.01 | Pass    |         |      |
|                                          |      | 2593  | 1    | 0     | 26.13 | 2.21  | 28.34   | <=33.01 | Pass    |      |
|                                          |      |       |      | 50    | 26.19 | 2.21  | 28.40   | <=33.01 | Pass    |      |
|                                          | 99   |       |      | 25.79 | 2.21  | 28.00 | <=33.01 | Pass    |         |      |
|                                          | 50   |       | 0    | 24.88 | 2.21  | 27.09 | <=33.01 | Pass    |         |      |
|                                          |      |       | 25   | 24.89 | 2.21  | 27.10 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 24.77 | 2.21  | 26.98 | <=33.01 | Pass    |         |      |
|                                          | 100  |       | 0    | 24.84 | 2.21  | 27.05 | <=33.01 | Pass    |         |      |
|                                          | 2680 |       | 1    | 0     | 25.69 | 2.21  | 27.90   | <=33.01 | Pass    |      |
|                                          |      |       |      | 50    | 25.64 | 2.21  | 27.85   | <=33.01 | Pass    |      |
|                                          |      | 99    |      | 25.81 | 2.21  | 28.02 | <=33.01 | Pass    |         |      |
|                                          |      | 50    | 0    | 24.41 | 2.21  | 26.62 | <=33.01 | Pass    |         |      |
|                                          |      |       | 25   | 24.49 | 2.21  | 26.70 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 24.51 | 2.21  | 26.72 | <=33.01 | Pass    |         |      |
|                                          |      | 100   | 0    | 24.44 | 2.21  | 26.65 | <=33.01 | Pass    |         |      |
|                                          |      | 64QAM | 2506 | 1     | 0     | 26.11 | 2.21    | 28.32   | <=33.01 | Pass |
|                                          |      |       |      |       | 50    | 26.43 | 2.21    | 28.64   | <=33.01 | Pass |
|                                          | 99   |       |      |       | 26.08 | 2.21  | 28.29   | <=33.01 | Pass    |      |
|                                          | 50   |       |      | 0     | 25.18 | 2.21  | 27.39   | <=33.01 | Pass    |      |
|                                          |      |       |      | 25    | 25.22 | 2.21  | 27.43   | <=33.01 | Pass    |      |
|                                          |      |       |      | 50    | 25.08 | 2.21  | 27.29   | <=33.01 | Pass    |      |
| 100                                      | 0    |       |      | 25.22 | 2.21  | 27.43 | <=33.01 | Pass    |         |      |
| 2593                                     | 1    |       | 0    | 25.97 | 2.21  | 28.18 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 25.96 | 2.21  | 28.17 | <=33.01 | Pass    |         |      |
|                                          |      |       | 99   | 25.76 | 2.21  | 27.97 | <=33.01 | Pass    |         |      |
|                                          | 50   |       | 0    | 24.88 | 2.21  | 27.09 | <=33.01 | Pass    |         |      |
|                                          |      |       | 25   | 24.87 | 2.21  | 27.08 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 24.82 | 2.21  | 27.03 | <=33.01 | Pass    |         |      |
|                                          | 100  |       | 0    | 24.85 | 2.21  | 27.06 | <=33.01 | Pass    |         |      |
| 2680                                     | 1    |       | 0    | 25.47 | 2.21  | 27.68 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 25.50 | 2.21  | 27.71 | <=33.01 | Pass    |         |      |
|                                          |      |       | 99   | 25.50 | 2.21  | 27.71 | <=33.01 | Pass    |         |      |
|                                          | 50   |       | 0    | 24.39 | 2.21  | 26.60 | <=33.01 | Pass    |         |      |
|                                          |      |       | 25   | 24.43 | 2.21  | 26.64 | <=33.01 | Pass    |         |      |
|                                          |      |       | 50   | 24.50 | 2.21  | 26.71 | <=33.01 | Pass    |         |      |
|                                          | 100  |       | 0    | 24.42 | 2.21  | 26.63 | <=33.01 | Pass    |         |      |
| Note1: EIRP=Conducted Power+Antenna Gain |      |       |      |       |       |       |         |         |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B41\_20MHz

| Band: 41 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |       |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |       | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit |         |
| QPSK                        | 2506            | 100           | 0      | 20         | 3.3           | -2.535           | -0.0010               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -5.706           | -0.0023               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -1.595           | -0.0006               | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -3.261           | -0.0013               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | -6.399           | -0.0026               | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | -2.391           | -0.0010               | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -5.452           | -0.0022               | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | -6.015           | -0.0024               | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | -5.430           | -0.0022               | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | -6.383           | -0.0025               | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -6.830           | -0.0027               | /     | Pass    |
|                             | 2593            | 100           | 0      | 20         | 3.3           | -2.905           | -0.0011               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -3.033           | -0.0012               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -3.209           | -0.0012               | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -6.337           | -0.0024               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | -1.465           | -0.0006               | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | -7.143           | -0.0028               | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -1.424           | -0.0005               | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | -2.522           | -0.0010               | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | -2.921           | -0.0011               | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | -2.172           | -0.0008               | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -5.776           | -0.0022               | /     | Pass    |
|                             | 2680            | 100           | 0      | 20         | 3.3           | -6.199           | -0.0023               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -3.887           | -0.0015               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -6.288           | -0.0023               | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -4.219           | -0.0016               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | -5.804           | -0.0022               | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | -3.923           | -0.0015               | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -3.924           | -0.0015               | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | -2.278           | -0.0009               | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | -2.834           | -0.0011               | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | -7.430           | -0.0028               | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -5.764           | -0.0022               | /     | Pass    |
| 16QAM                       | 2506            | 100           | 0      | 20         | 3.3           | -2.383           | -0.0010               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -7.189           | -0.0029               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -6.826           | -0.0027               | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -5.650           | -0.0023               | /     | Pass    |
|                             |                 |               |        | -20        | 3.8           | -5.914           | -0.0024               | /     | Pass    |
|                             |                 |               |        | -10        | 3.8           | -5.594           | -0.0022               | /     | Pass    |
|                             |                 |               |        | 0          | 3.8           | -5.615           | -0.0022               | /     | Pass    |
|                             |                 |               |        | 10         | 3.8           | -2.593           | -0.0010               | /     | Pass    |
|                             |                 |               |        | 30         | 3.8           | -2.561           | -0.0010               | /     | Pass    |
|                             |                 |               |        | 40         | 3.8           | -4.681           | -0.0019               | /     | Pass    |
|                             |                 |               |        | 50         | 3.8           | -5.522           | -0.0022               | /     | Pass    |
|                             | 2593            | 100           | 0      | 20         | 3.3           | -5.943           | -0.0023               | /     | Pass    |
|                             |                 |               |        |            | 3.8           | -5.488           | -0.0021               | /     | Pass    |
|                             |                 |               |        |            | 4.4           | -4.906           | -0.0019               | /     | Pass    |
|                             |                 |               |        | -30        | 3.8           | -2.649           | -0.0010               | /     | Pass    |

|       |      |     |   |     |     |        |         |   |      |
|-------|------|-----|---|-----|-----|--------|---------|---|------|
|       |      |     |   | -20 | 3.8 | -2.573 | -0.0010 | / | Pass |
|       |      |     |   | -10 | 3.8 | -2.944 | -0.0011 | / | Pass |
|       |      |     |   | 0   | 3.8 | -5.532 | -0.0021 | / | Pass |
|       |      |     |   | 10  | 3.8 | -5.752 | -0.0022 | / | Pass |
|       |      |     |   | 30  | 3.8 | -3.510 | -0.0014 | / | Pass |
|       |      |     |   | 40  | 3.8 | -3.075 | -0.0012 | / | Pass |
|       |      |     |   | 50  | 3.8 | -2.993 | -0.0012 | / | Pass |
|       | 2680 | 100 | 0 | 20  | 3.3 | -3.972 | -0.0015 | / | Pass |
|       |      |     |   |     | 3.8 | -6.343 | -0.0024 | / | Pass |
|       |      |     |   |     | 4.4 | -3.942 | -0.0015 | / | Pass |
|       |      |     |   | -30 | 3.8 | -6.134 | -0.0023 | / | Pass |
|       |      |     |   | -20 | 3.8 | -2.932 | -0.0011 | / | Pass |
|       |      |     |   | -10 | 3.8 | -6.340 | -0.0024 | / | Pass |
|       |      |     |   | 0   | 3.8 | -2.643 | -0.0010 | / | Pass |
|       |      |     |   | 10  | 3.8 | -3.089 | -0.0012 | / | Pass |
|       |      |     |   | 30  | 3.8 | -2.331 | -0.0009 | / | Pass |
|       |      |     |   | 40  | 3.8 | -2.487 | -0.0009 | / | Pass |
|       |      |     |   | 50  | 3.8 | -6.789 | -0.0025 | / | Pass |
| 64QAM | 2506 | 100 | 0 | 20  | 3.3 | -2.392 | -0.0010 | / | Pass |
|       |      |     |   |     | 3.8 | -3.008 | -0.0012 | / | Pass |
|       |      |     |   |     | 4.4 | -3.317 | -0.0013 | / | Pass |
|       |      |     |   | -30 | 3.8 | -6.071 | -0.0024 | / | Pass |
|       |      |     |   | -20 | 3.8 | -3.129 | -0.0012 | / | Pass |
|       |      |     |   | -10 | 3.8 | -7.346 | -0.0029 | / | Pass |
|       |      |     |   | 0   | 3.8 | -5.461 | -0.0022 | / | Pass |
|       |      |     |   | 10  | 3.8 | -3.490 | -0.0014 | / | Pass |
|       |      |     |   | 30  | 3.8 | -6.328 | -0.0025 | / | Pass |
|       |      |     |   | 40  | 3.8 | -3.234 | -0.0013 | / | Pass |
|       |      |     |   | 50  | 3.8 | -3.650 | -0.0015 | / | Pass |
|       | 2593 | 100 | 0 | 20  | 3.3 | -5.277 | -0.0020 | / | Pass |
|       |      |     |   |     | 3.8 | -4.698 | -0.0018 | / | Pass |
|       |      |     |   |     | 4.4 | -3.168 | -0.0012 | / | Pass |
|       |      |     |   | -30 | 3.8 | -3.360 | -0.0013 | / | Pass |
|       |      |     |   | -20 | 3.8 | -5.160 | -0.0020 | / | Pass |
|       |      |     |   | -10 | 3.8 | -3.570 | -0.0014 | / | Pass |
|       |      |     |   | 0   | 3.8 | -4.893 | -0.0019 | / | Pass |
|       |      |     |   | 10  | 3.8 | -5.260 | -0.0020 | / | Pass |
|       |      |     |   | 30  | 3.8 | -3.215 | -0.0012 | / | Pass |
|       |      |     |   | 40  | 3.8 | -2.068 | -0.0008 | / | Pass |
|       |      |     |   | 50  | 3.8 | -2.822 | -0.0011 | / | Pass |
|       | 2680 | 100 | 0 | 20  | 3.3 | -5.260 | -0.0020 | / | Pass |
|       |      |     |   |     | 3.8 | -4.562 | -0.0017 | / | Pass |
|       |      |     |   |     | 4.4 | -2.752 | -0.0010 | / | Pass |
|       |      |     |   | -30 | 3.8 | -3.214 | -0.0012 | / | Pass |
|       |      |     |   | -20 | 3.8 | -6.282 | -0.0023 | / | Pass |
|       |      |     |   | -10 | 3.8 | -2.134 | -0.0008 | / | Pass |
|       |      |     |   | 0   | 3.8 | -5.346 | -0.0020 | / | Pass |
|       |      |     |   | 10  | 3.8 | -5.095 | -0.0019 | / | Pass |
|       |      |     |   | 30  | 3.8 | -5.272 | -0.0020 | / | Pass |
|       |      |     |   | 40  | 3.8 | -3.345 | -0.0012 | / | Pass |
|       |      |     |   | 50  | 3.8 | -3.670 | -0.0014 | / | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band41\_OBW

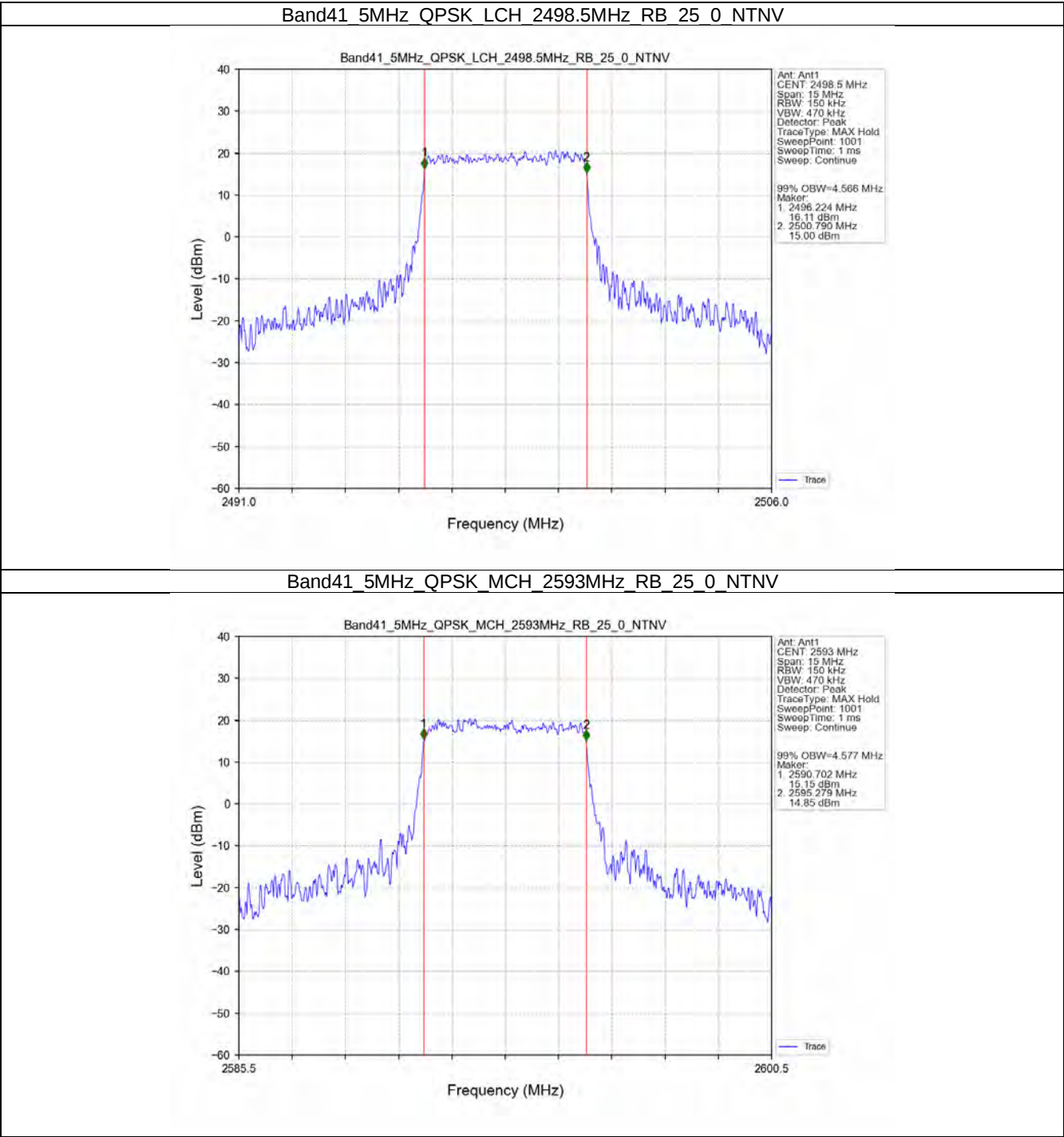
| Band: 41 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 4.566                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.577                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.545                        | /     | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 4.573                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.567                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.562                        | /     | Pass    |
|                 | 64QAM      | 2498.5          | 25            | 0      | 4.549                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.557                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.557                        | /     | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 9.114                        | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 9.085                        | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 9.089                        | /     | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 9.107                        | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 9.124                        | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 9.122                        | /     | Pass    |
|                 | 64QAM      | 2501            | 50            | 0      | 9.079                        | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 9.092                        | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 9.064                        | /     | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 13.635                       | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 13.602                       | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.636                       | /     | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 13.621                       | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 13.626                       | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.620                       | /     | Pass    |
|                 | 64QAM      | 2503.5          | 75            | 0      | 13.604                       | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 13.595                       | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.557                       | /     | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 18.079                       | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 18.173                       | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 18.138                       | /     | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 18.185                       | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 18.126                       | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 18.163                       | /     | Pass    |
|                 | 64QAM      | 2506            | 100           | 0      | 18.085                       | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 18.158                       | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 18.167                       | /     | Pass    |

### 3.1.2 Band41\_XDB

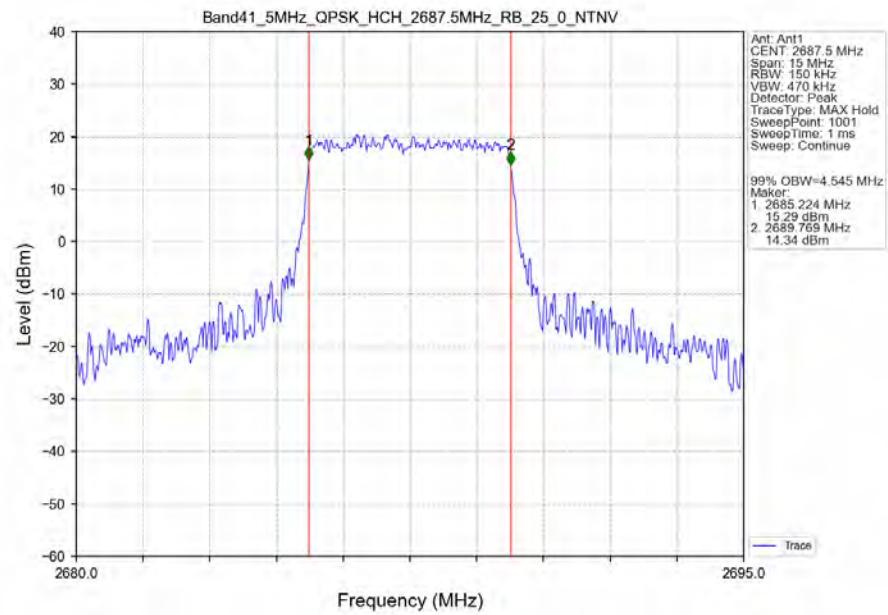
| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 5.285                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.391                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.444                | /     | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 5.255                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.305                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.205                | /     | Pass    |
|                 | 64QAM      | 2498.5          | 25            | 0      | 5.113                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.544                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.355                | /     | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 10.352               | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 12.023               | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 11.067               | /     | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 11.137               | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 10.840               | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 10.914               | /     | Pass    |
|                 | 64QAM      | 2501            | 50            | 0      | 10.107               | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 10.040               | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 10.324               | /     | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 16.916               | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 15.858               | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 15.591               | /     | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 15.673               | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 15.696               | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 17.786               | /     | Pass    |
|                 | 64QAM      | 2503.5          | 75            | 0      | 15.617               | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 15.389               | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 15.913               | /     | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 21.103               | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 20.229               | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 21.514               | /     | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 20.441               | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 21.523               | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 21.791               | /     | Pass    |
|                 | 64QAM      | 2506            | 100           | 0      | 19.888               | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 20.542               | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 20.742               | /     | Pass    |

3.2 Test Graph

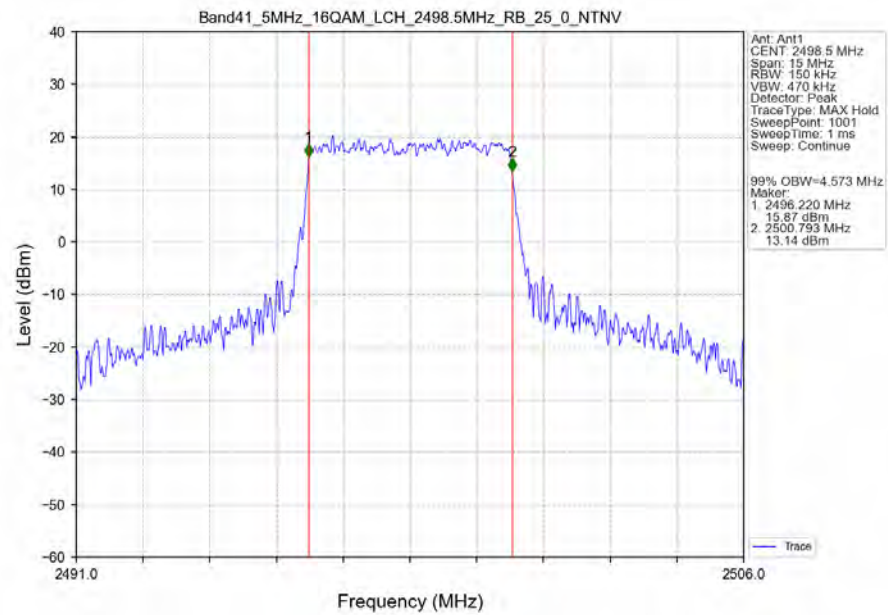
3.2.1 Band41\_OBW



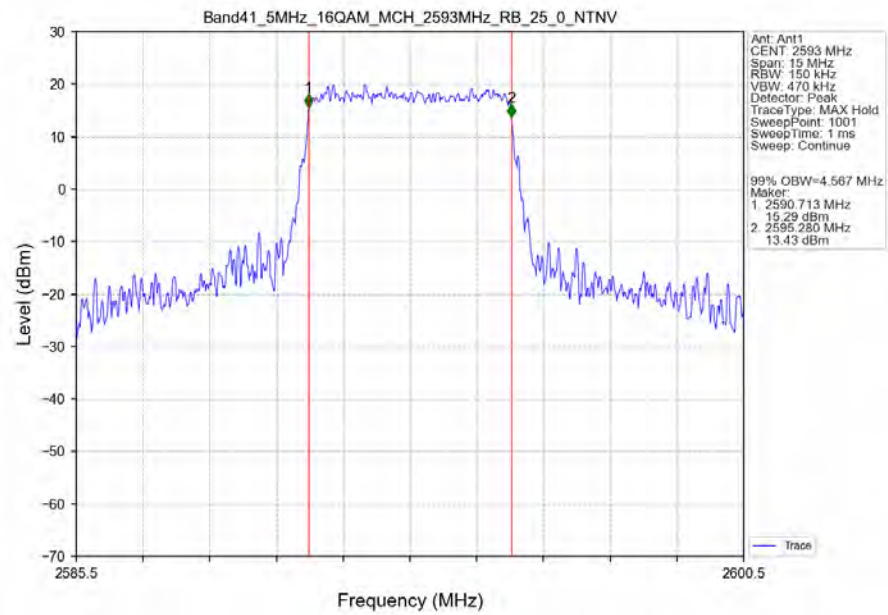
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



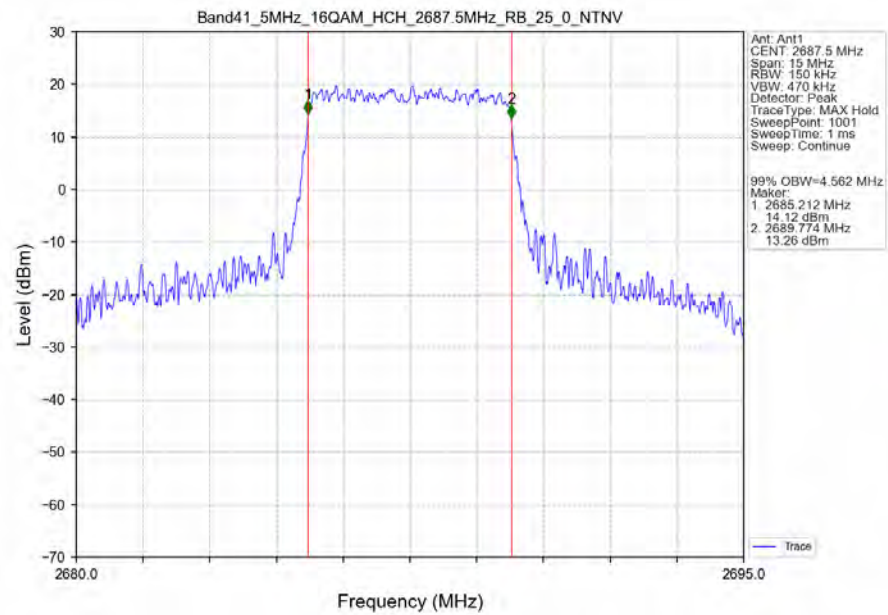
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



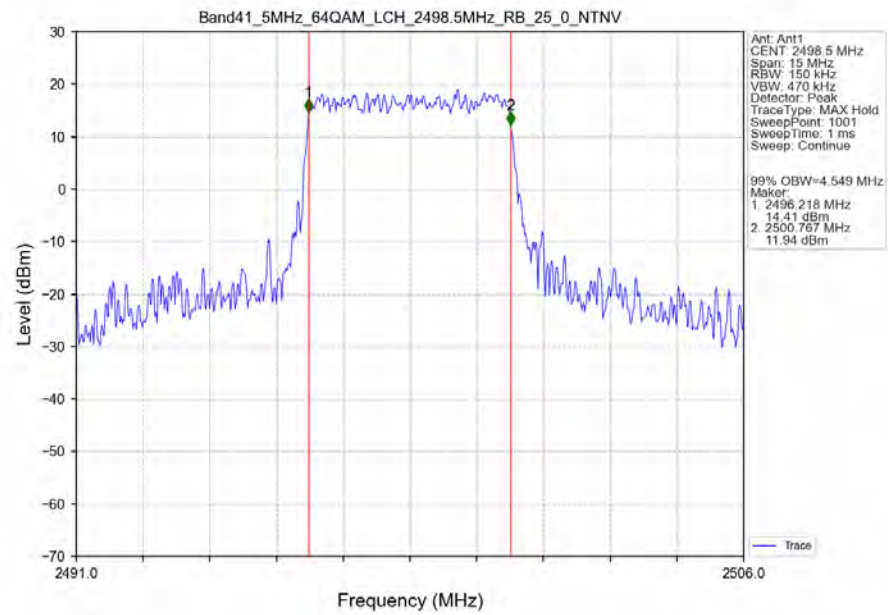
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



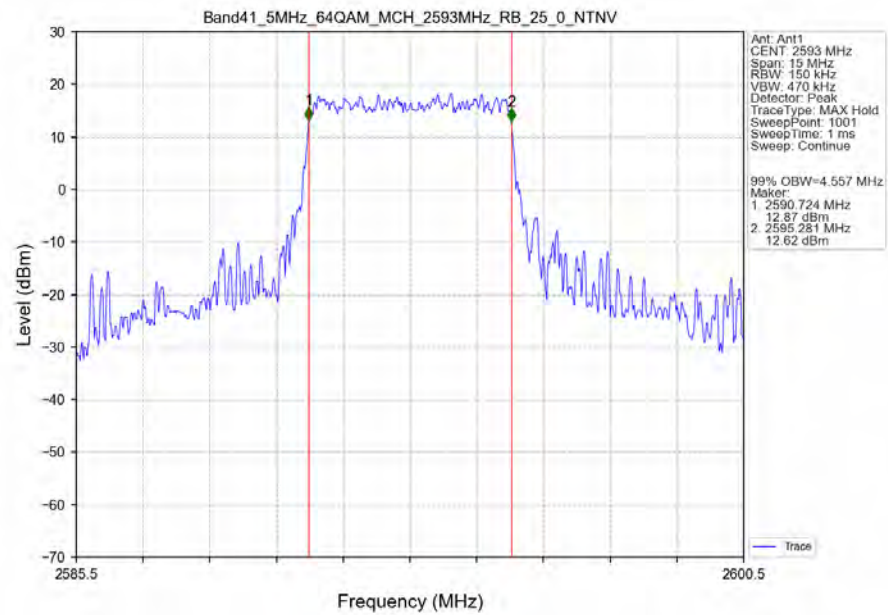
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



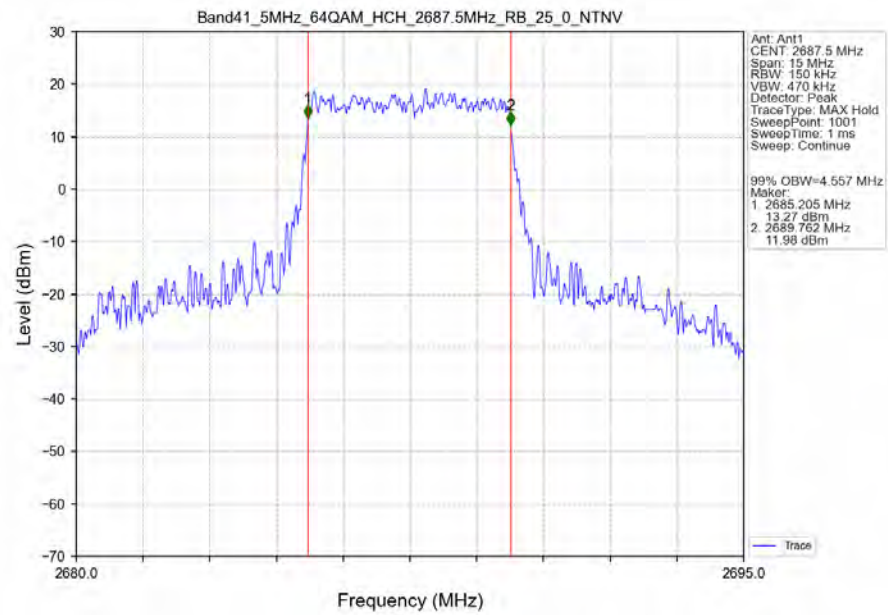
Band41\_5MHz\_64QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



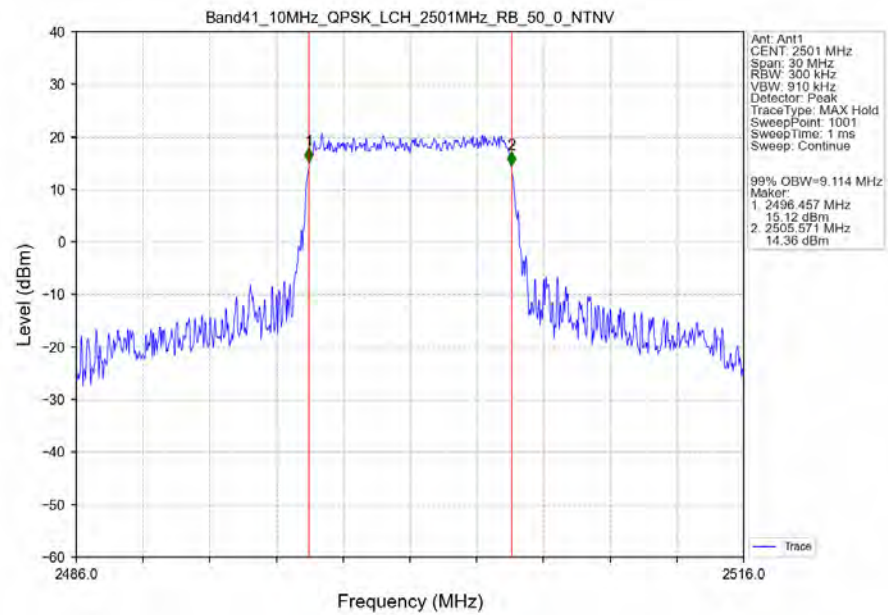
Band41\_5MHz\_64QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



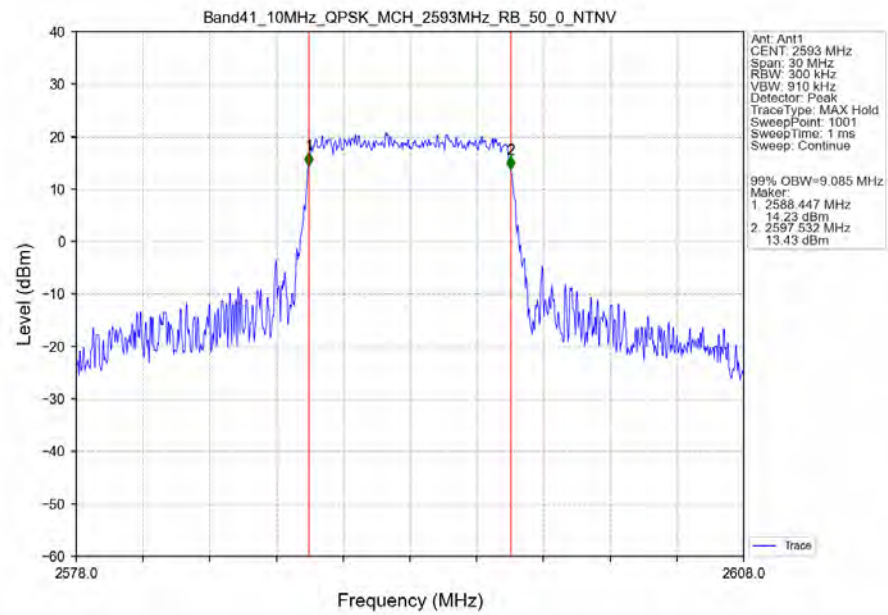
Band41\_5MHz\_64QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



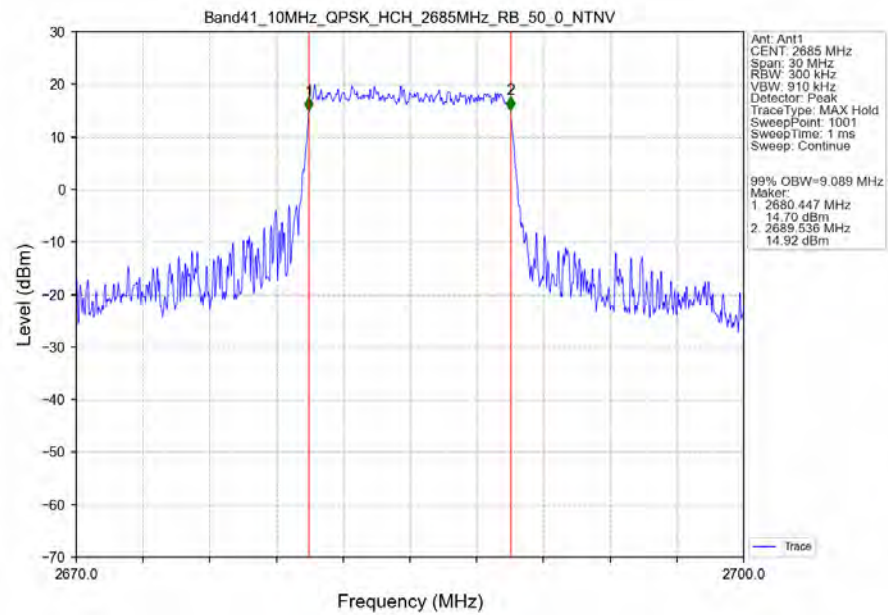
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



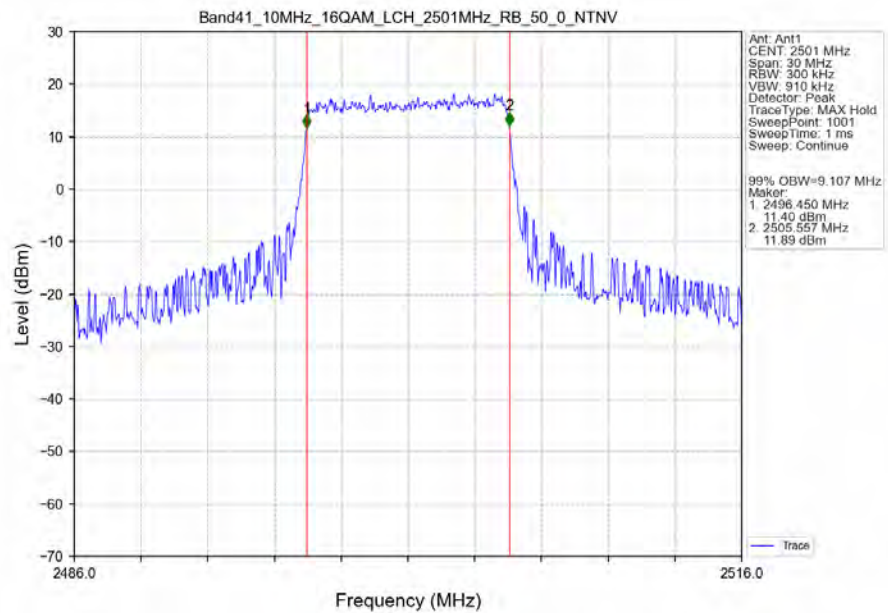
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



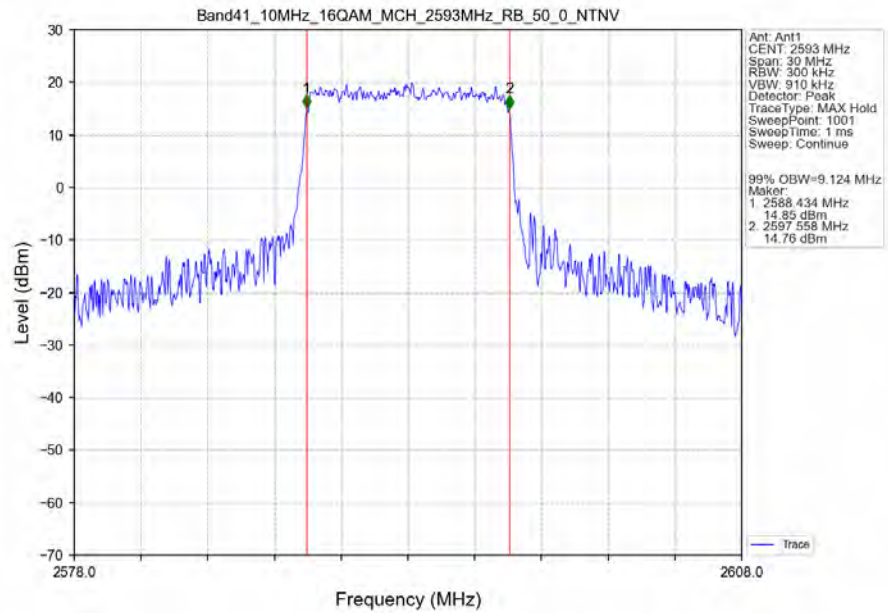
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



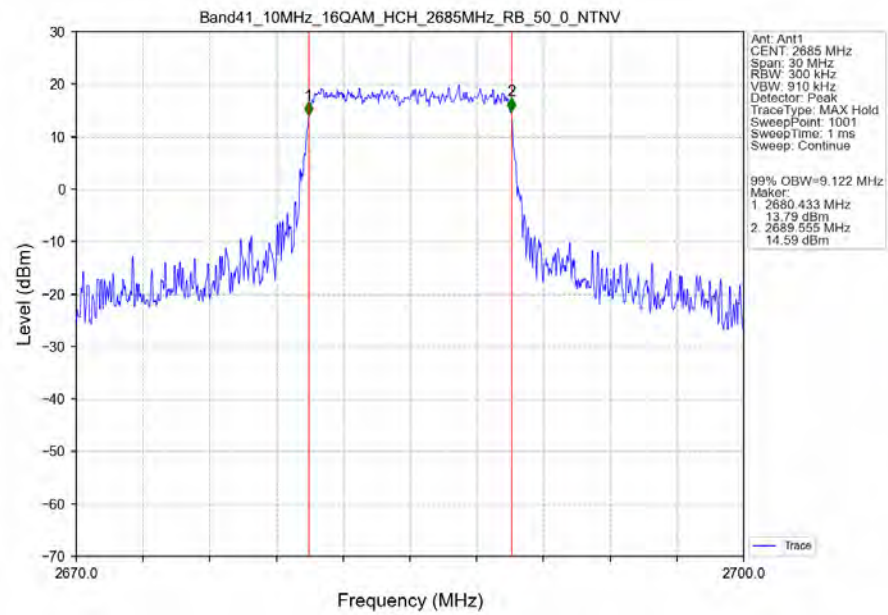
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



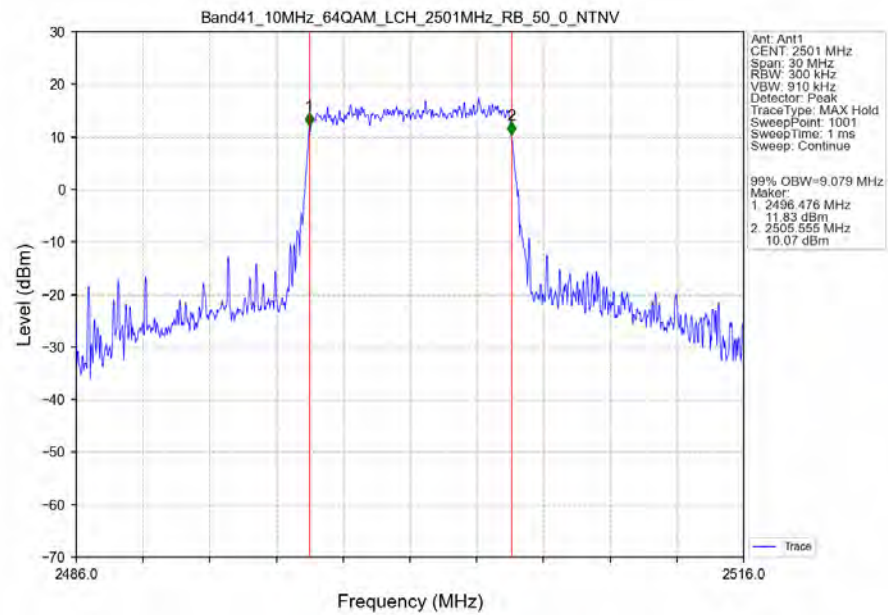
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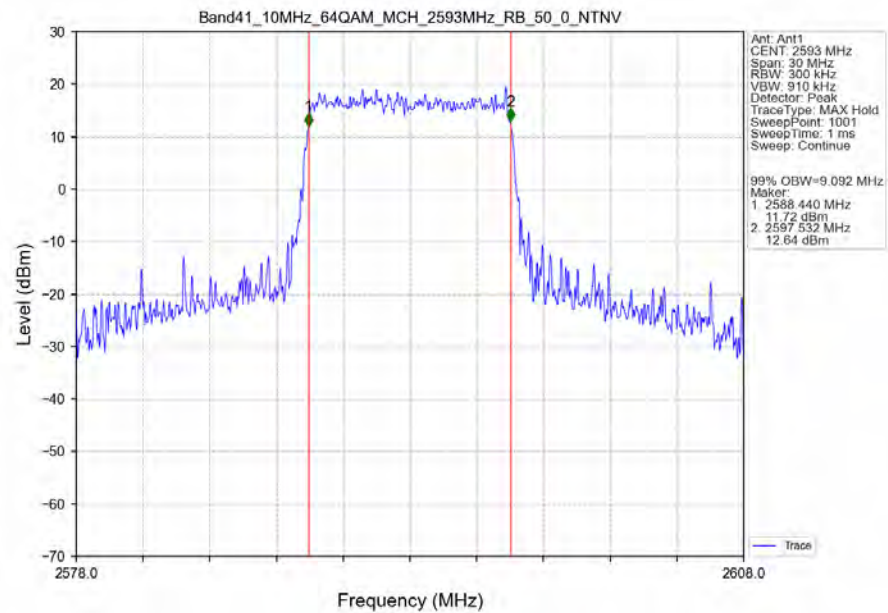
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



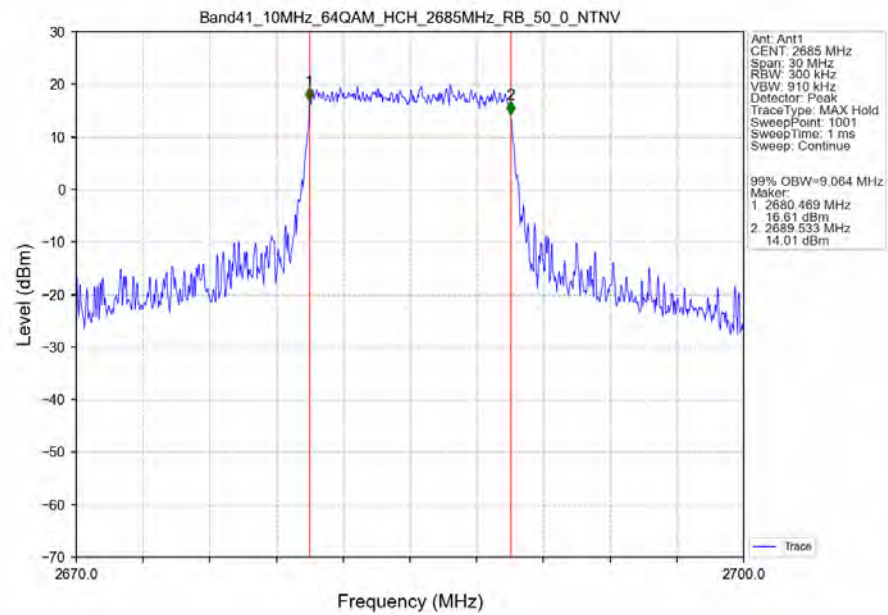
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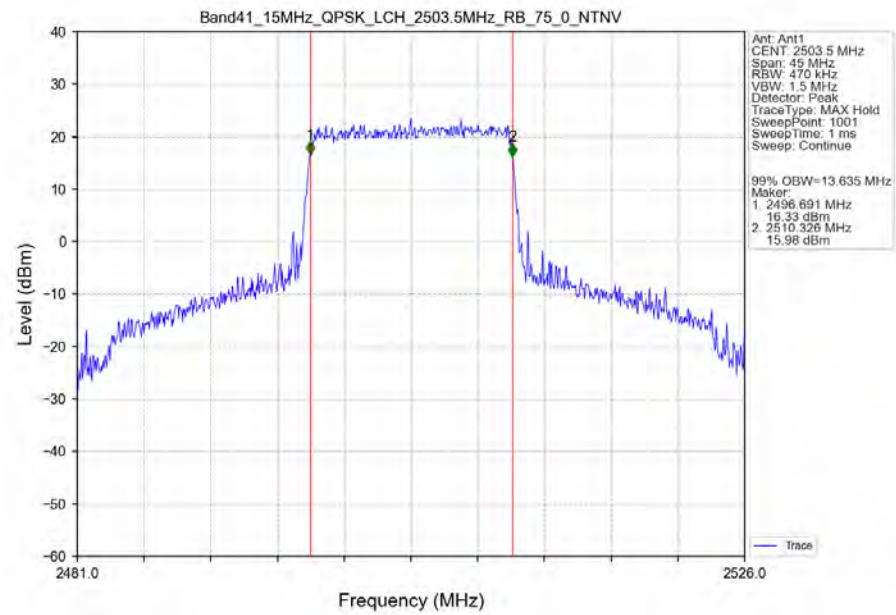
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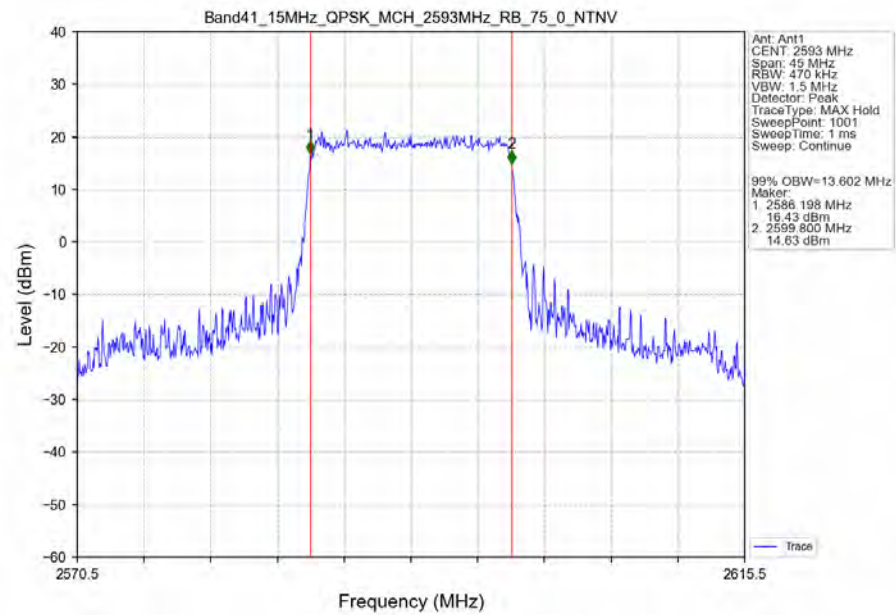
Band41\_10MHz\_64QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



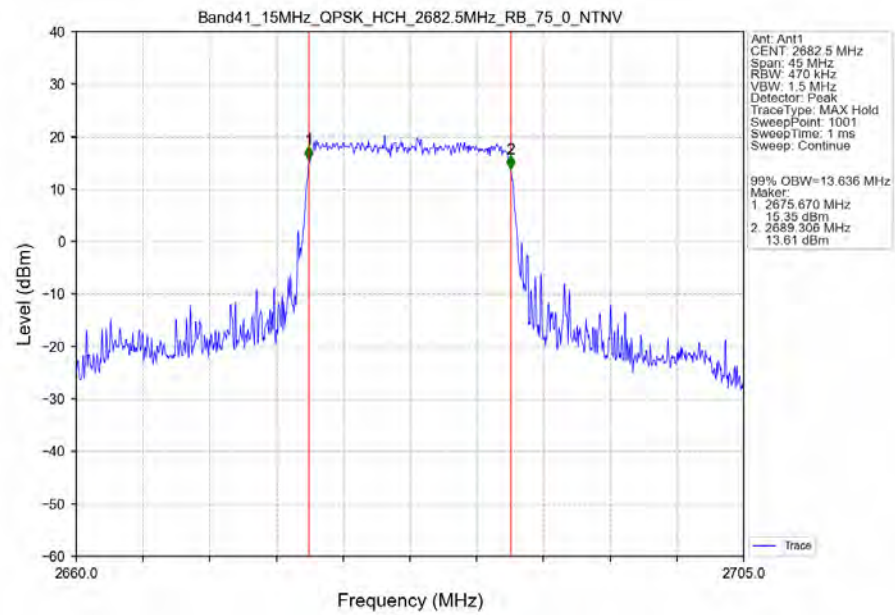
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



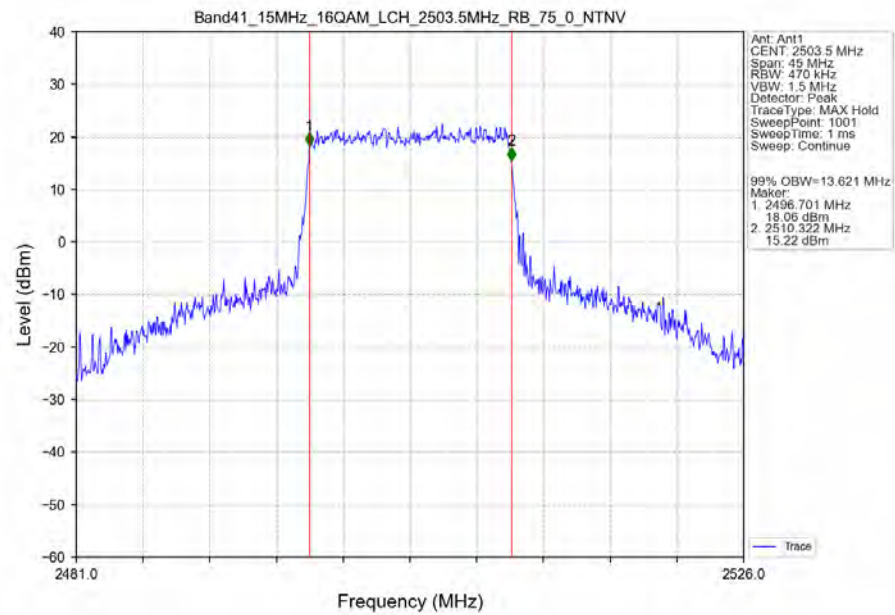
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



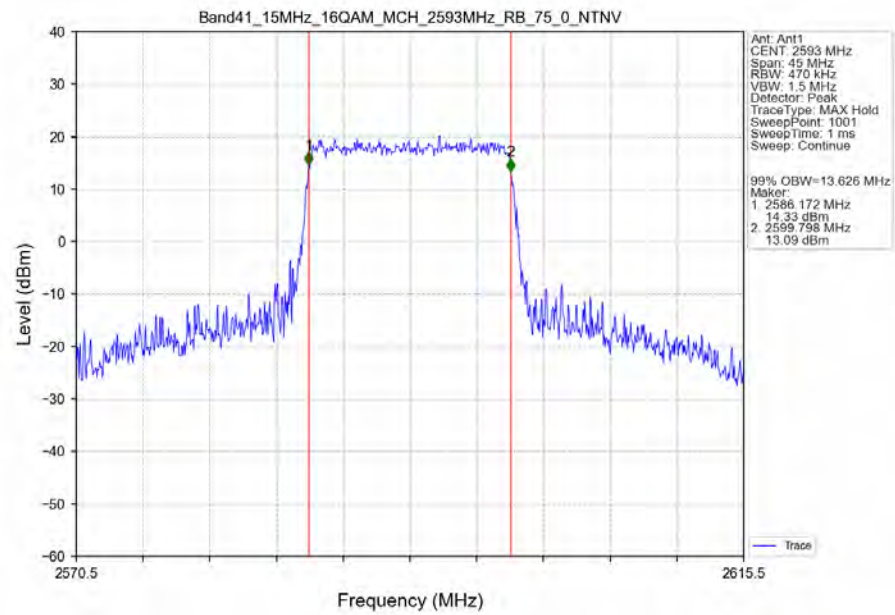
# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



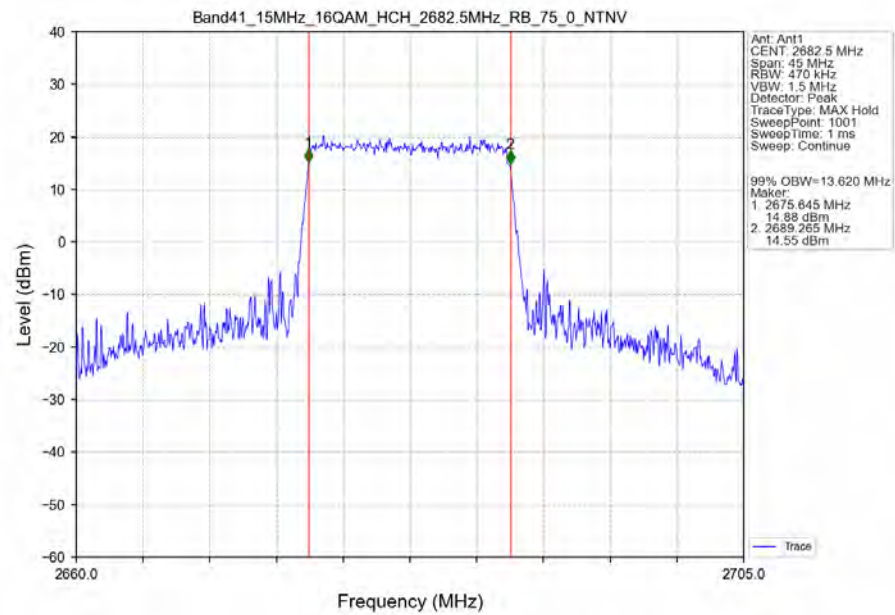
# Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



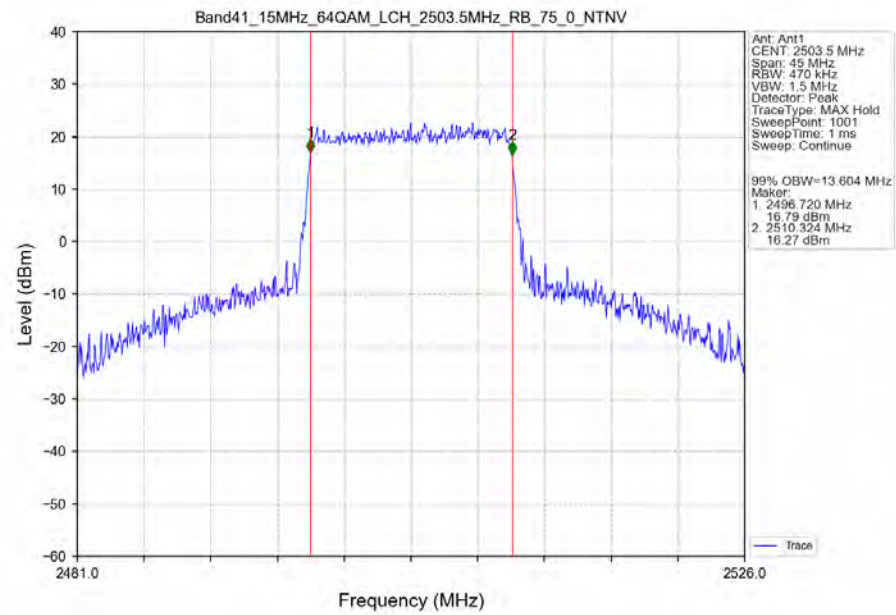
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



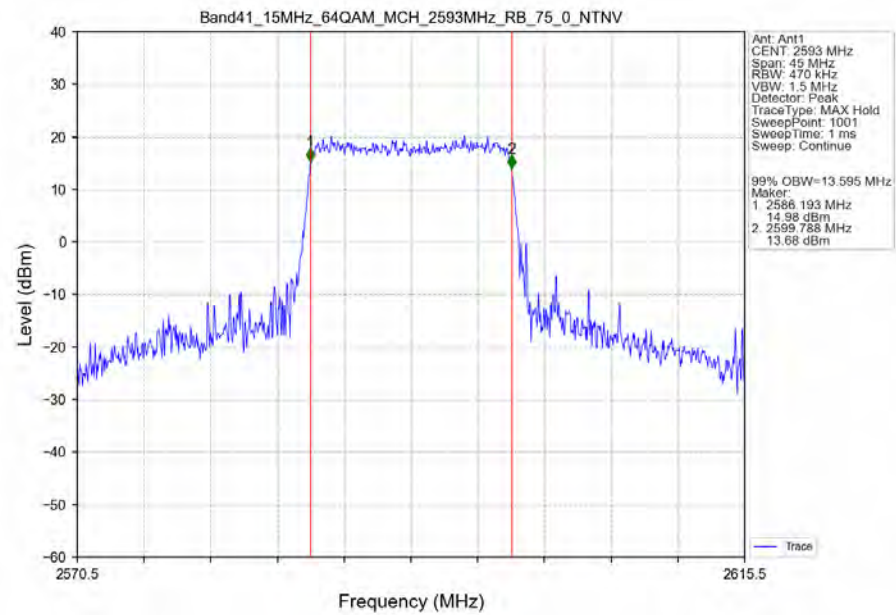
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



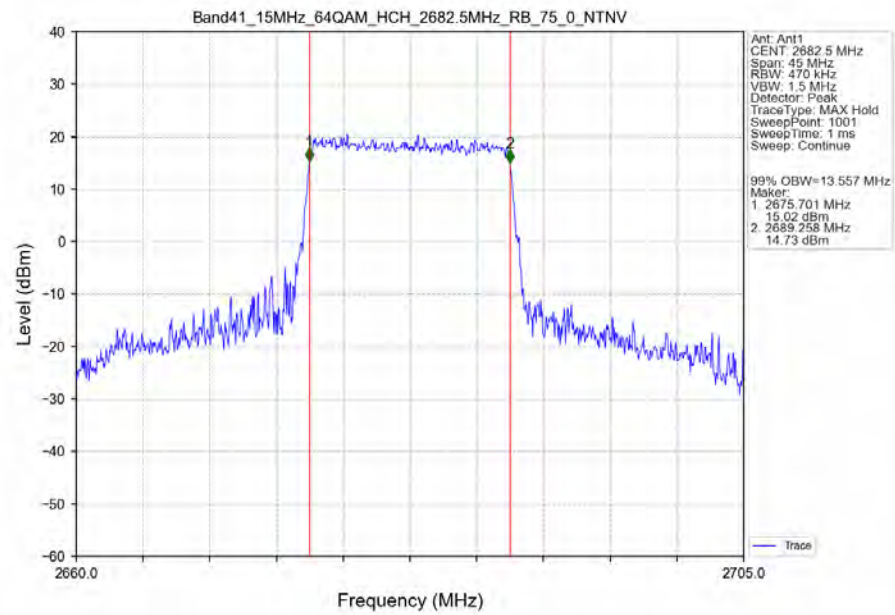
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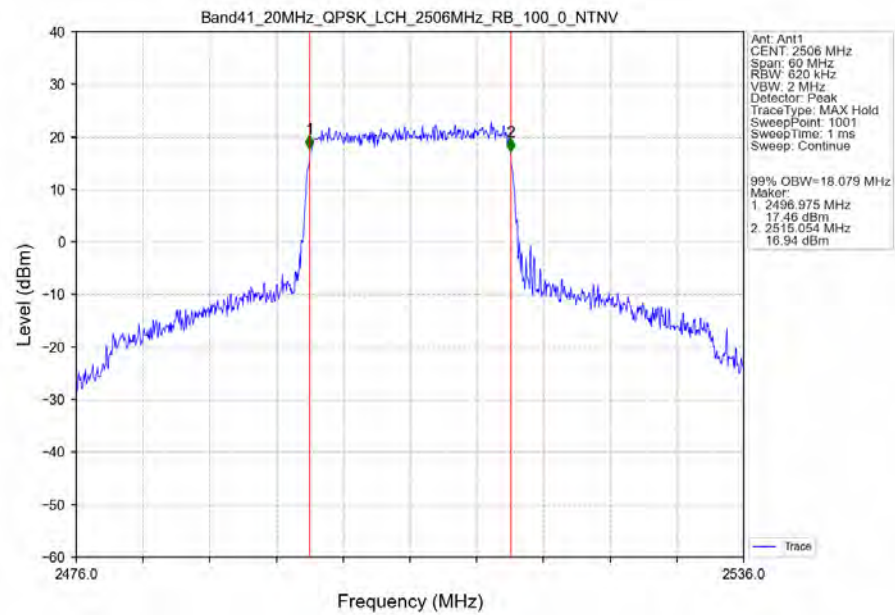
# Band41\_15MHz\_64QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



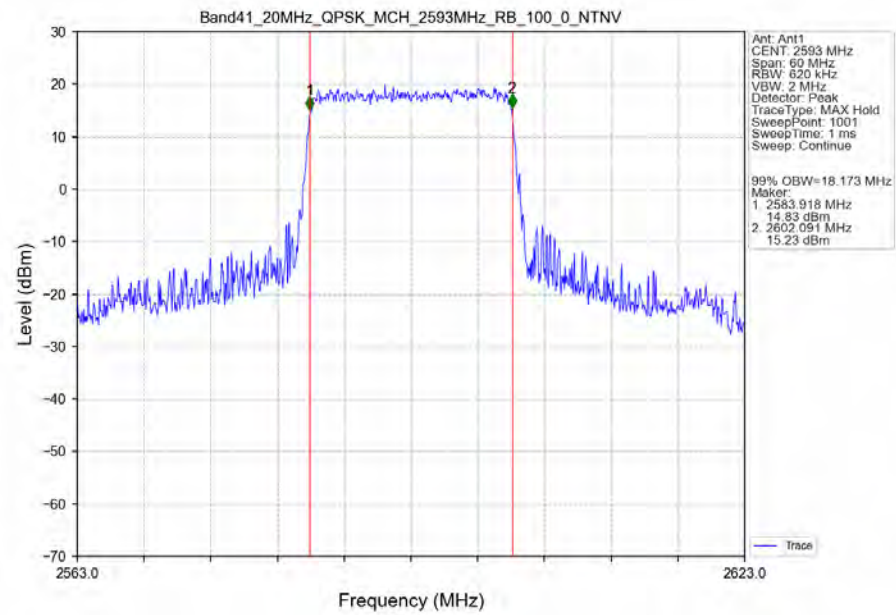
# Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



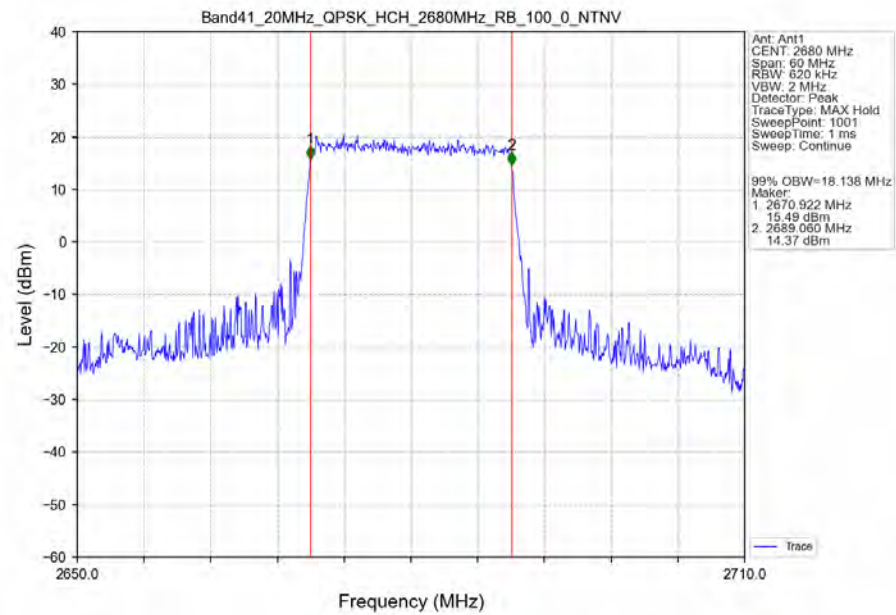
# Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



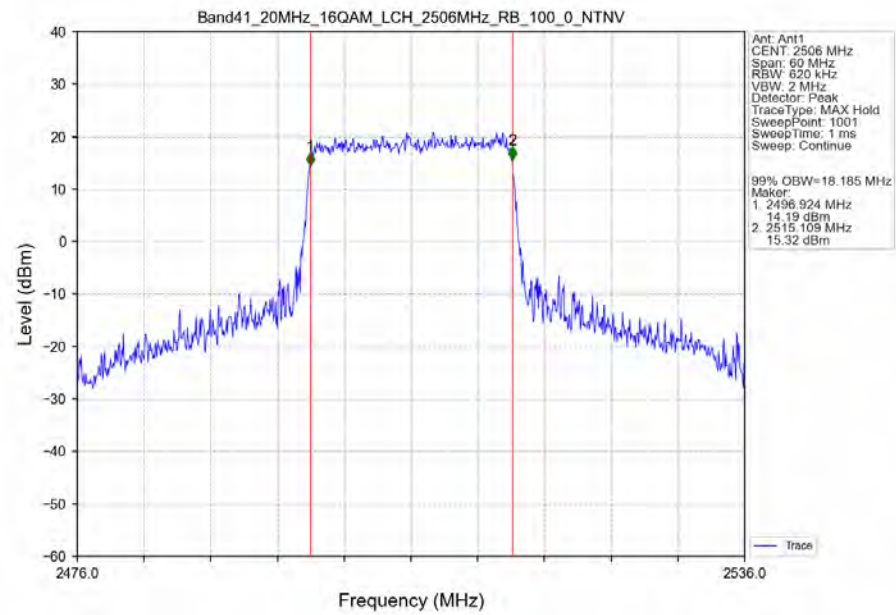
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



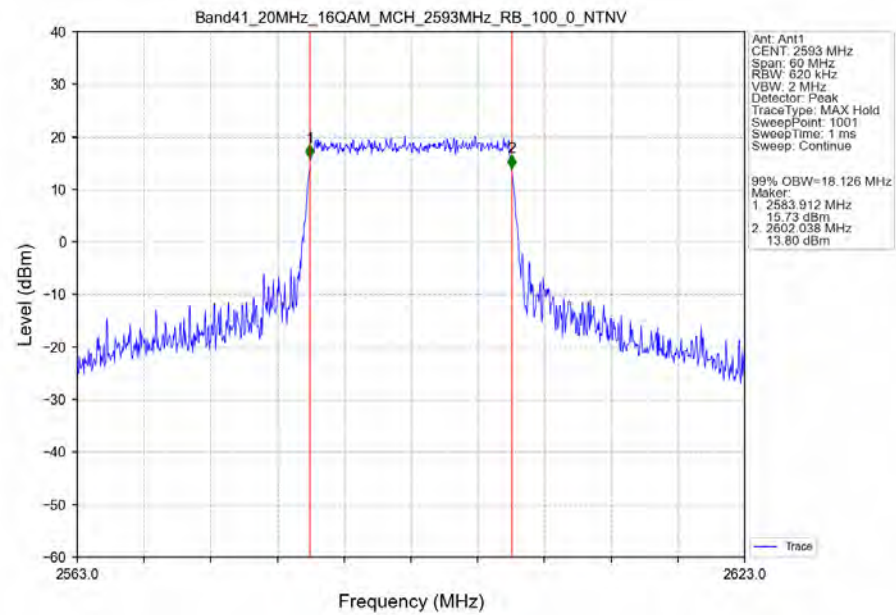
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



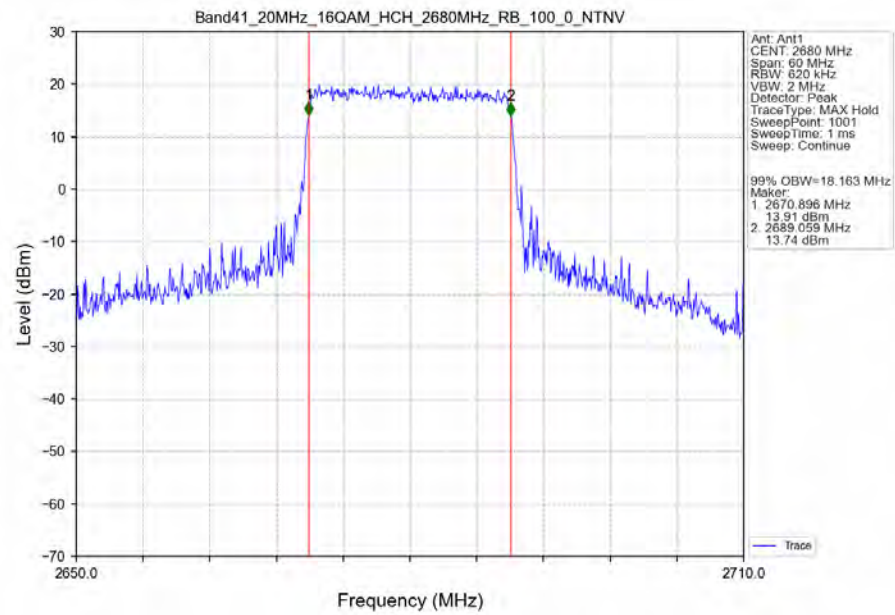
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



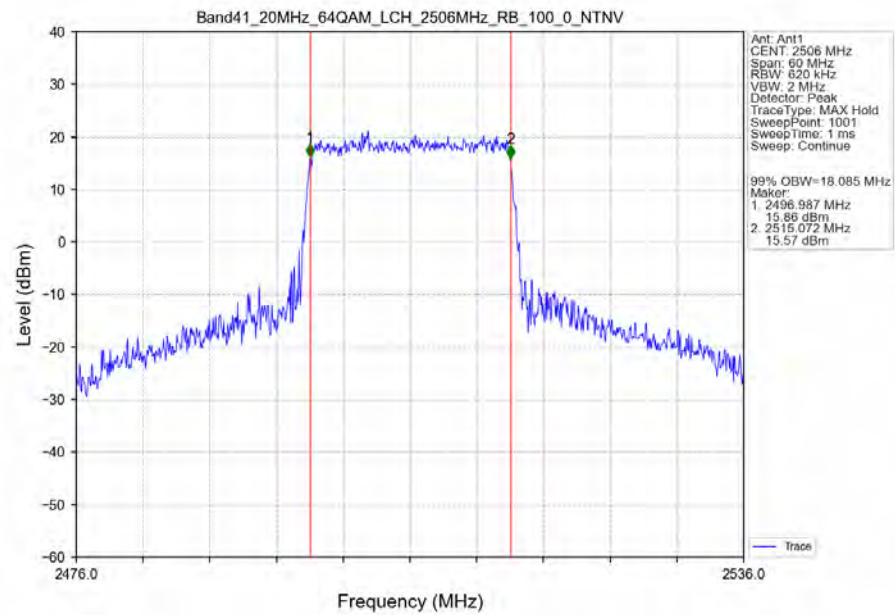
Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



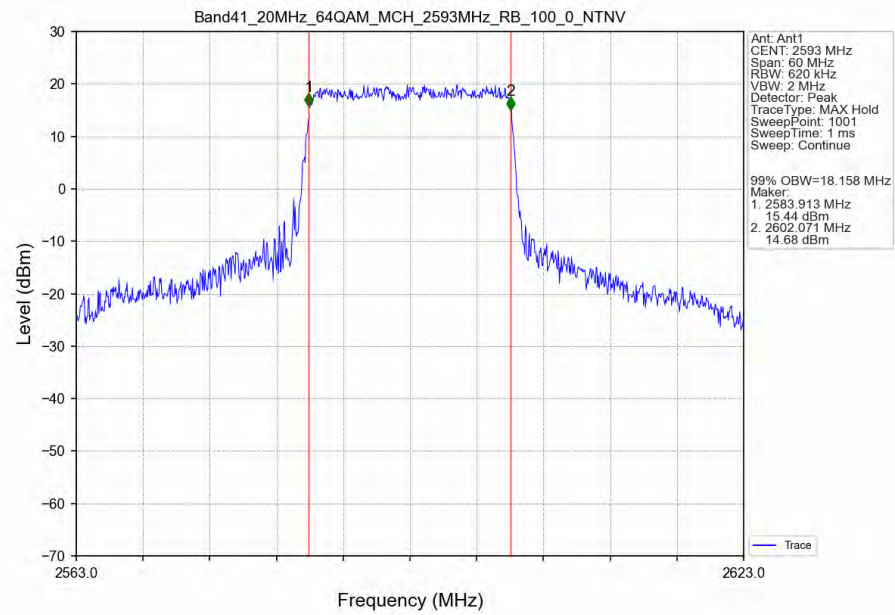
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



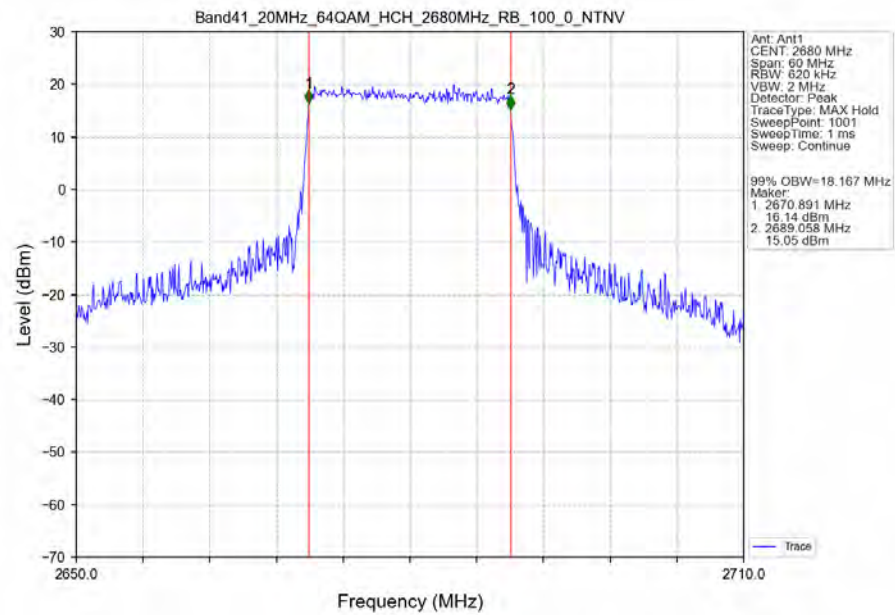
Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



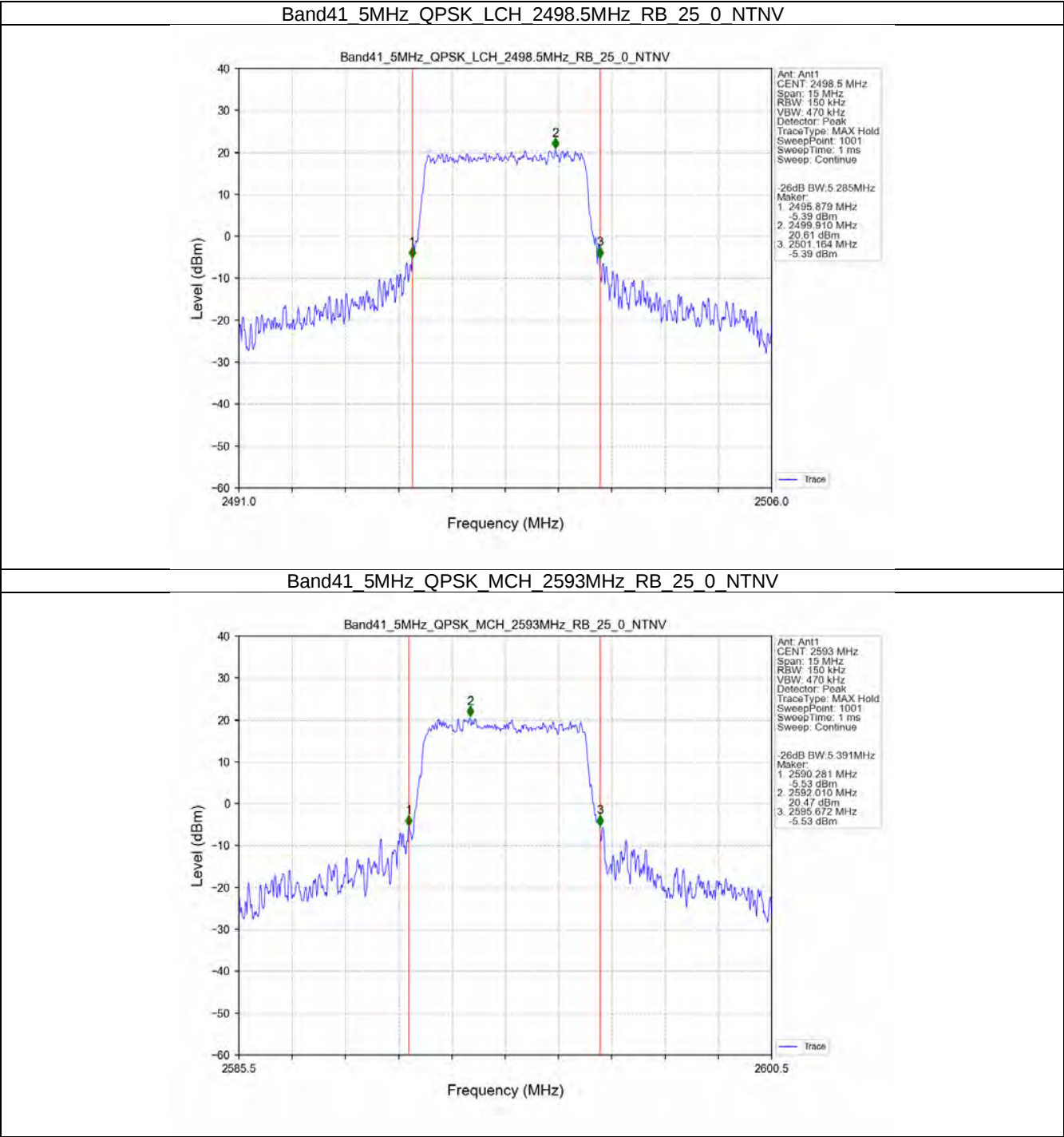
# Band41\_20MHz\_64QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



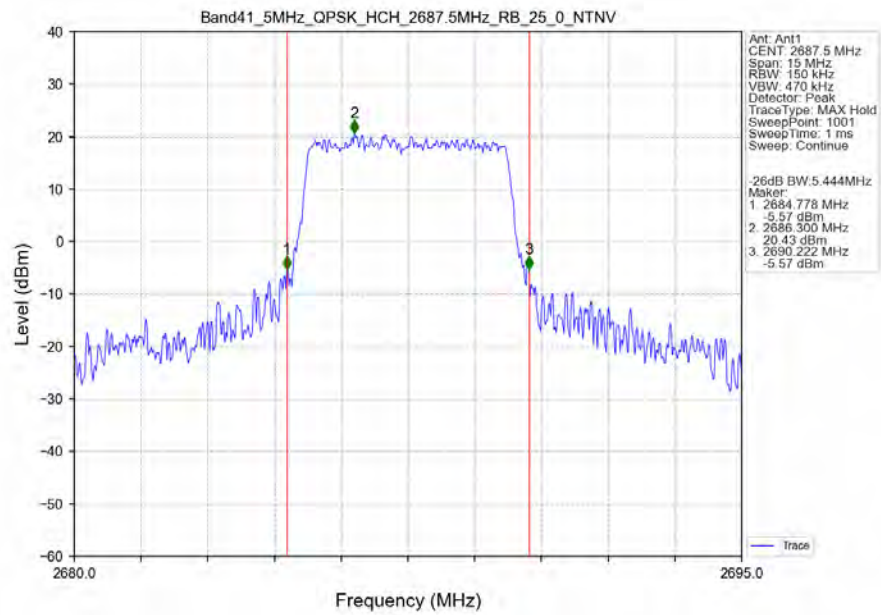
# Band41\_20MHz\_64QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



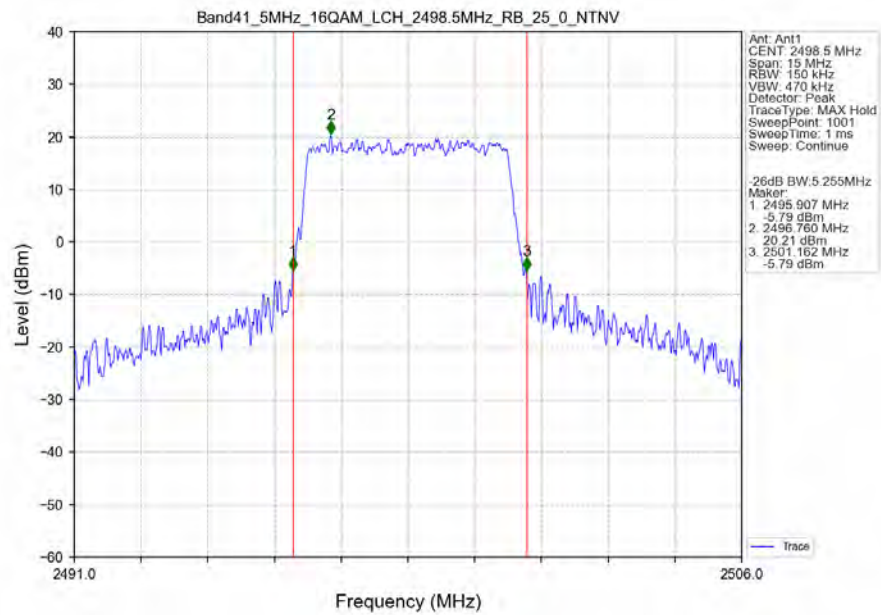
3.2.2 Band41\_XDB



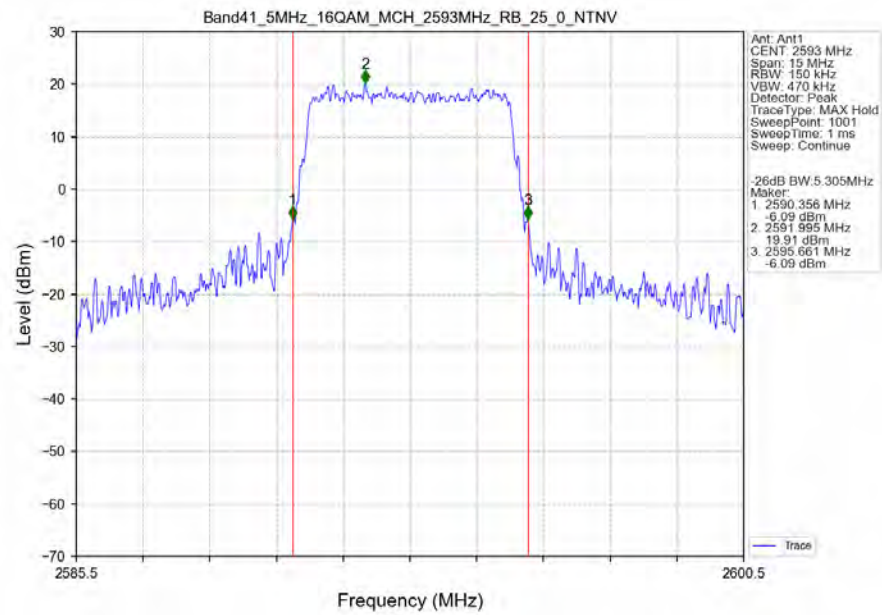
# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



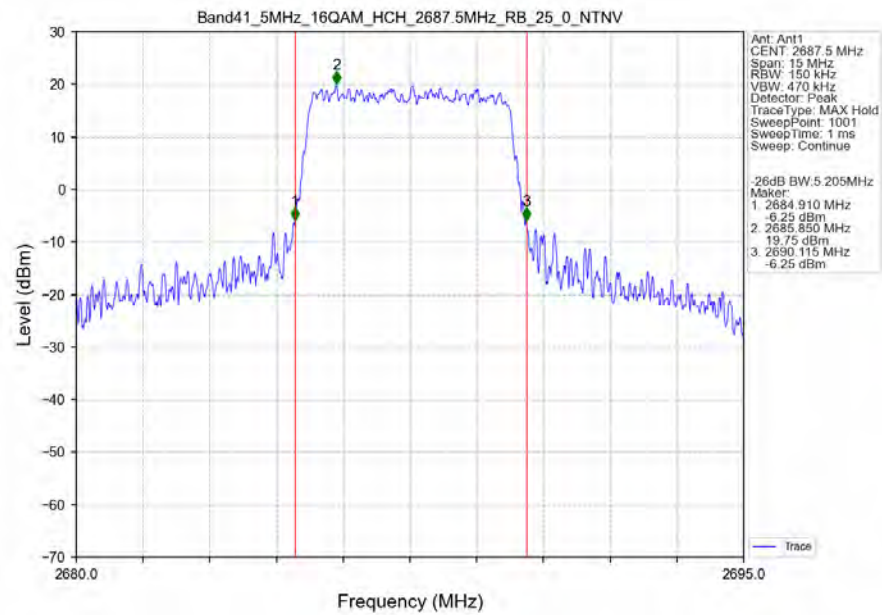
# Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



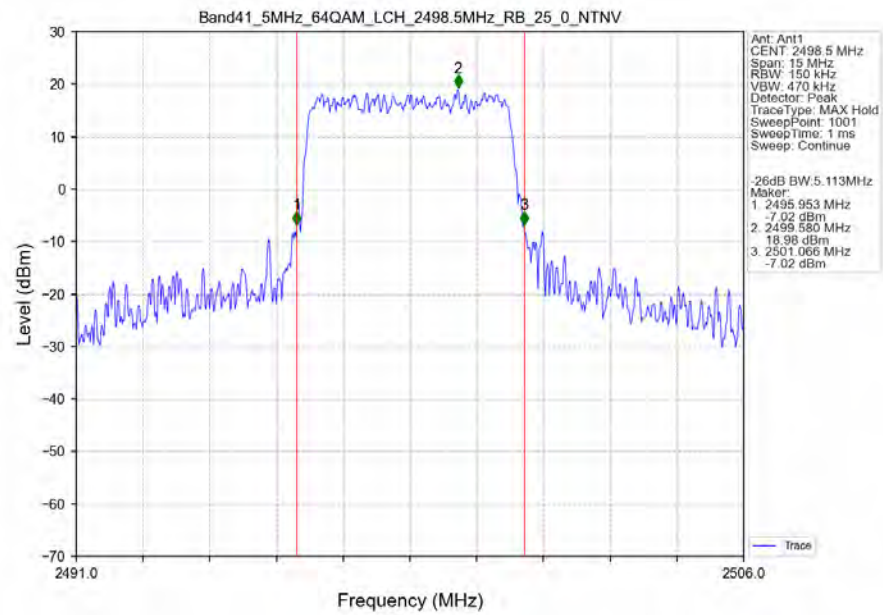
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



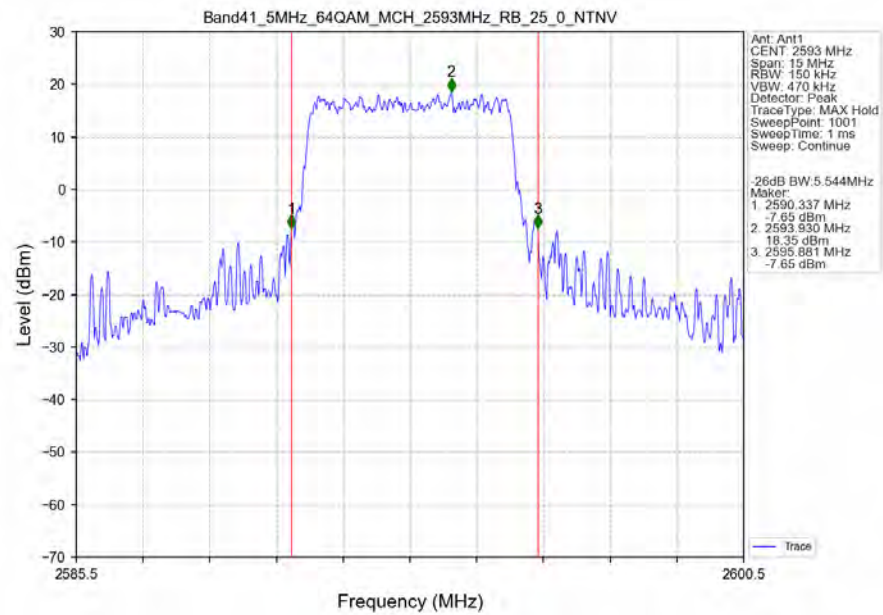
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



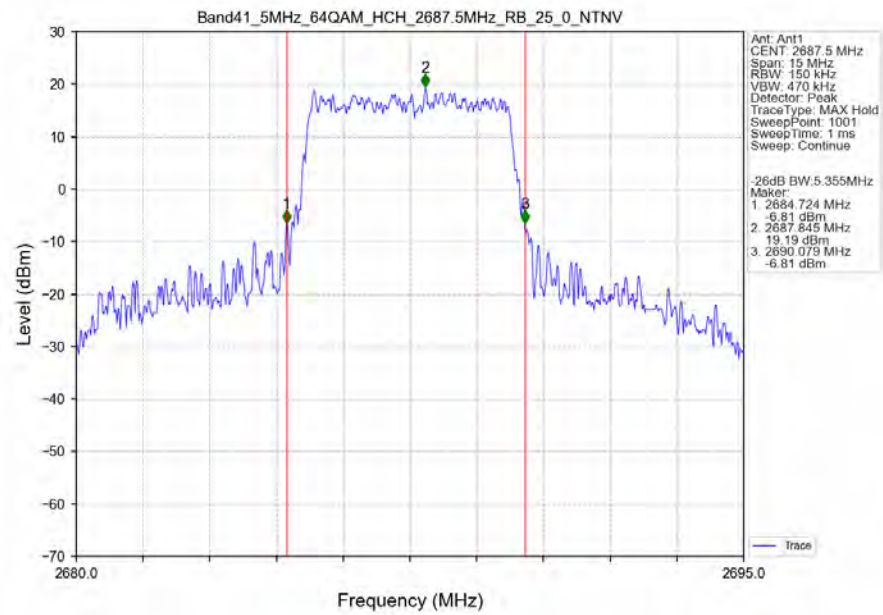
Band41\_5MHz\_64QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



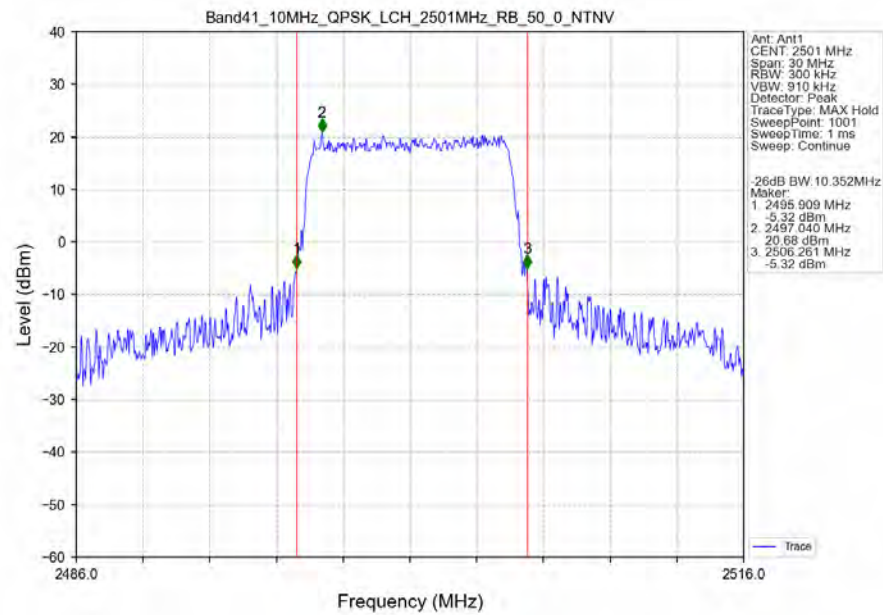
Band41\_5MHz\_64QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



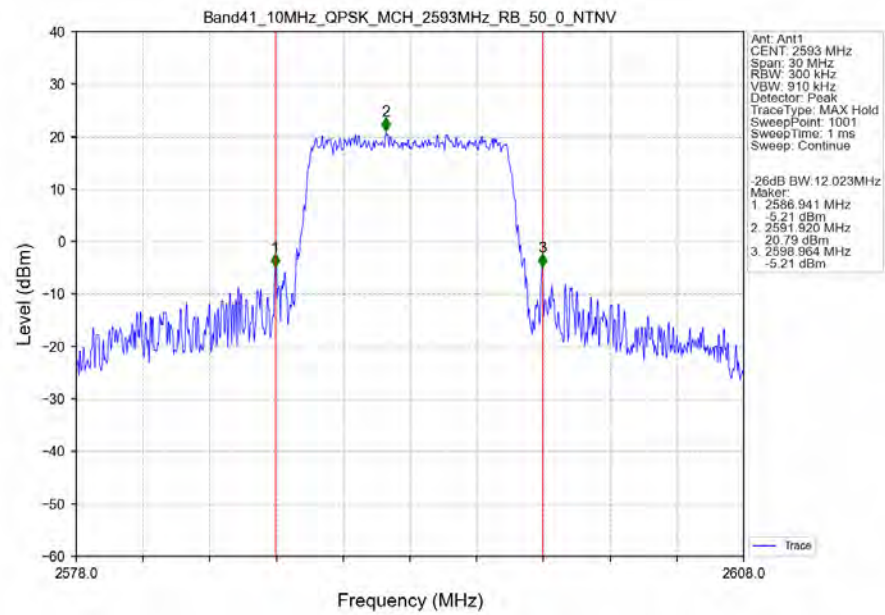
# Band41\_5MHz\_64QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



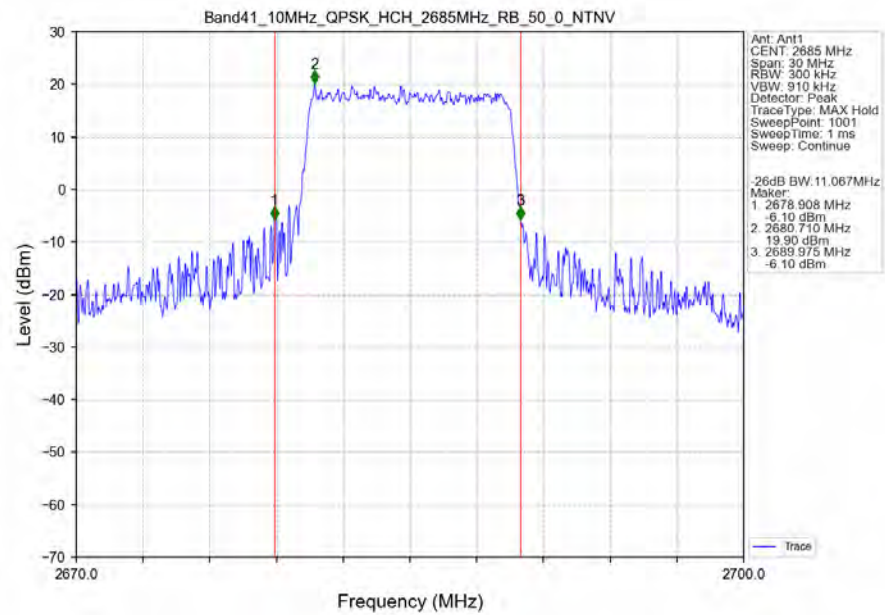
# Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



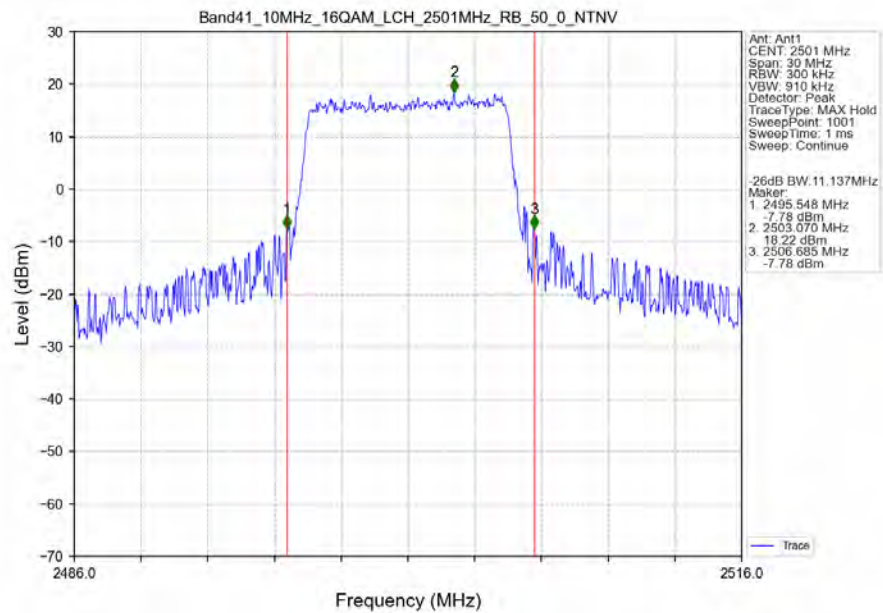
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



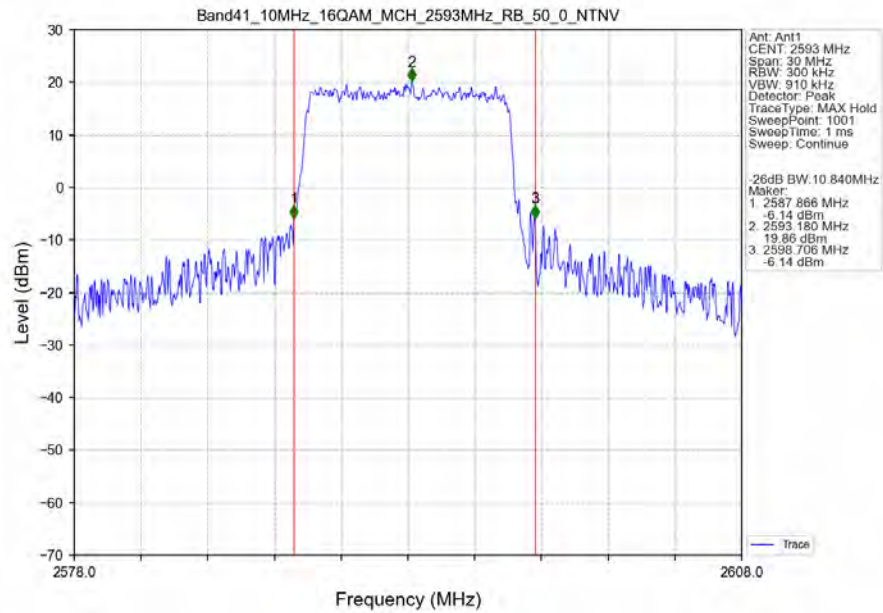
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



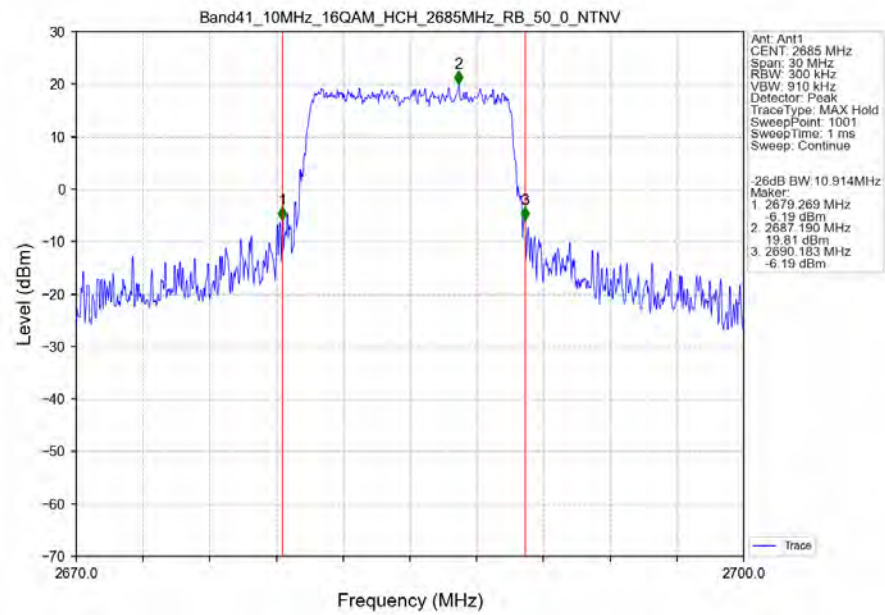
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



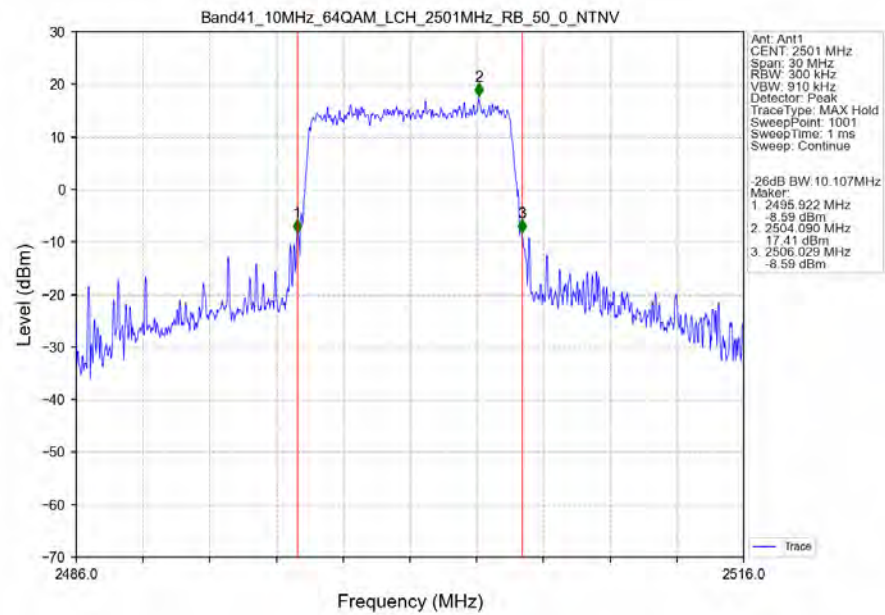
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



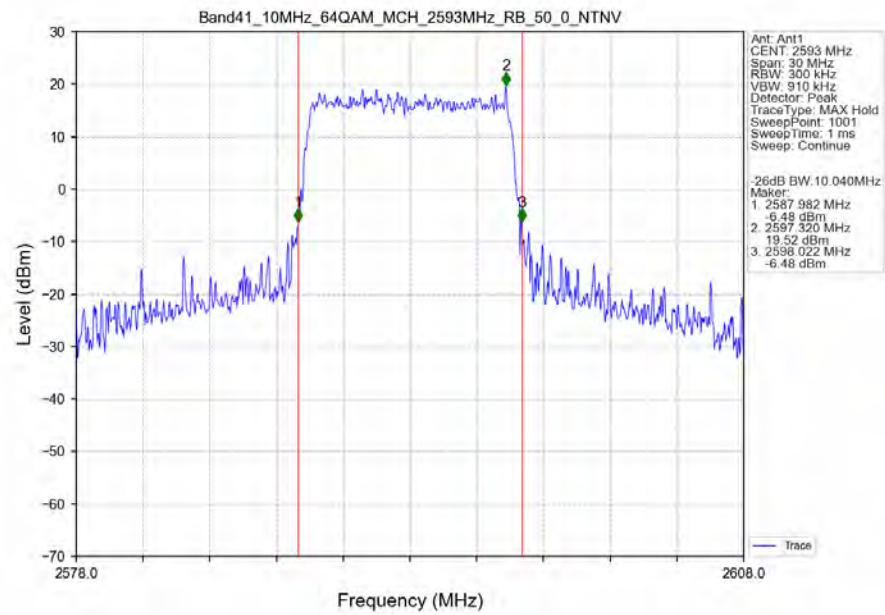
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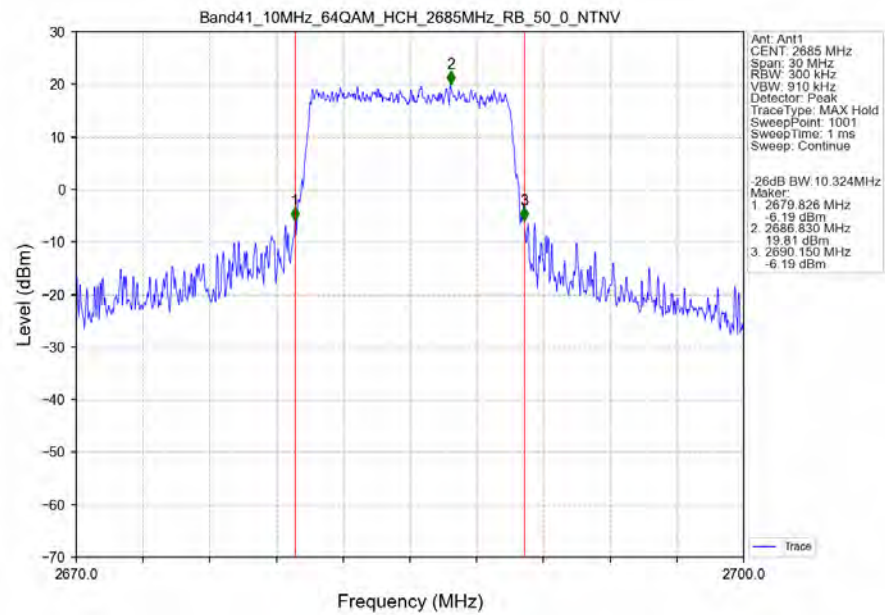
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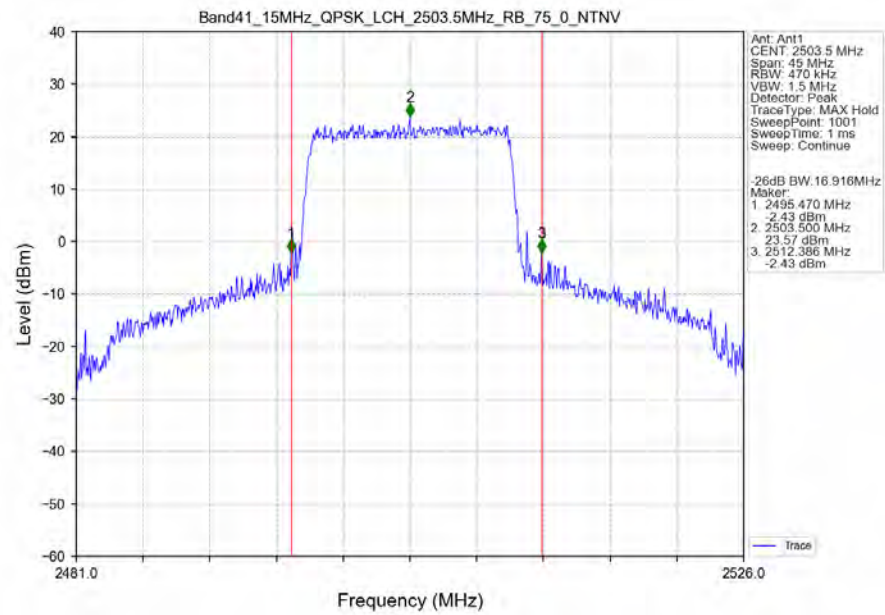
# Band41\_10MHz\_64QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



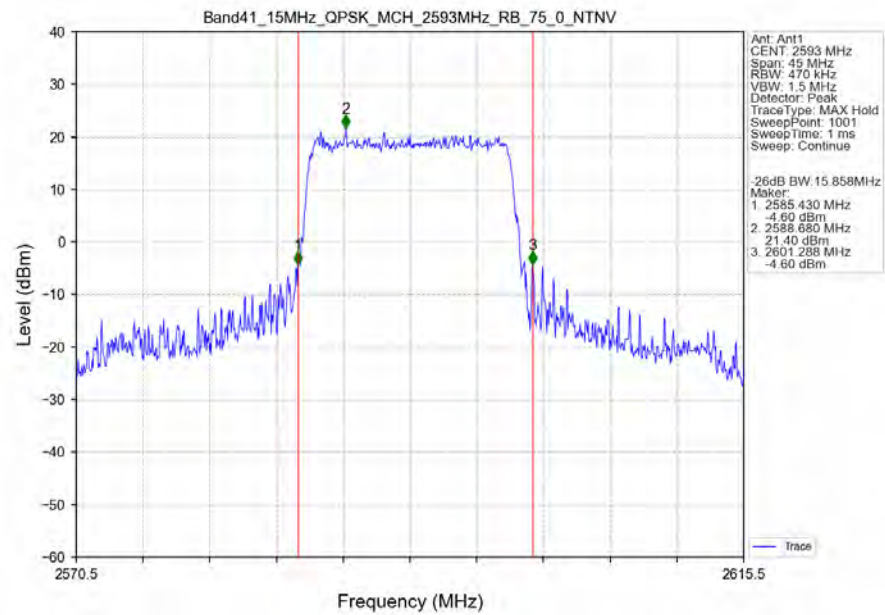
# Band41\_10MHz\_64QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



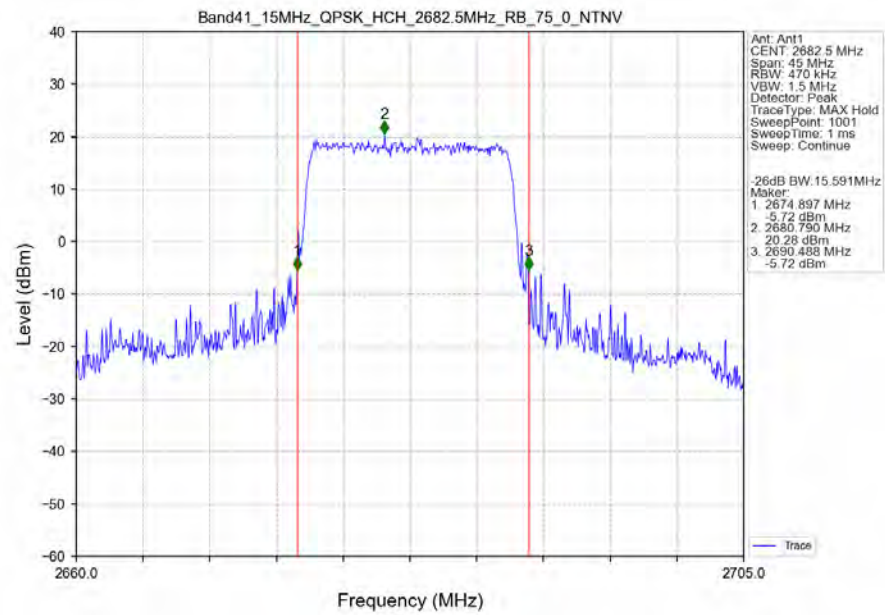
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



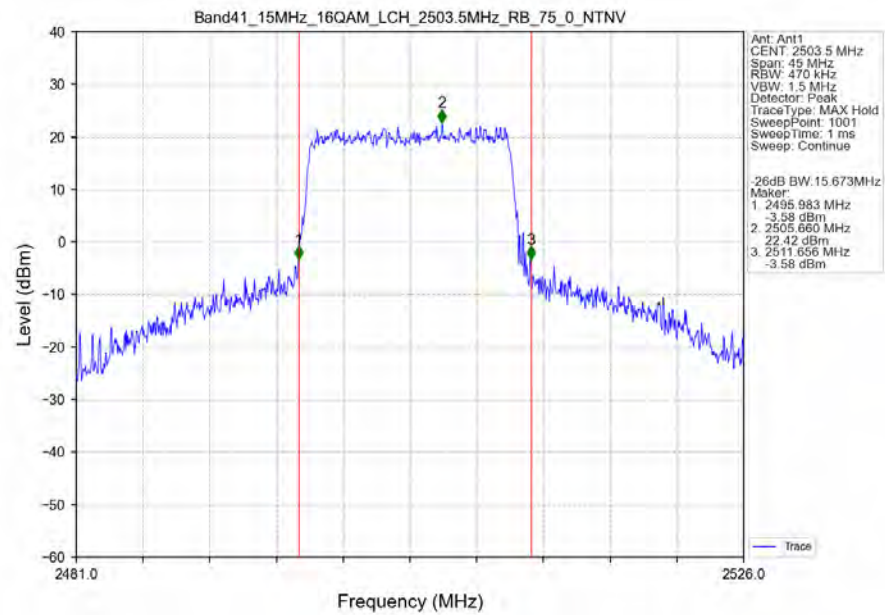
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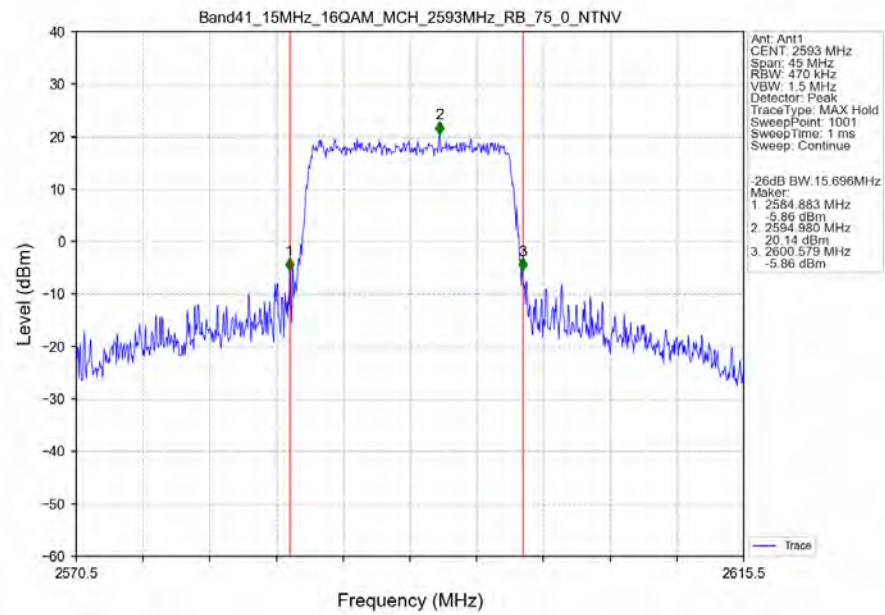
# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



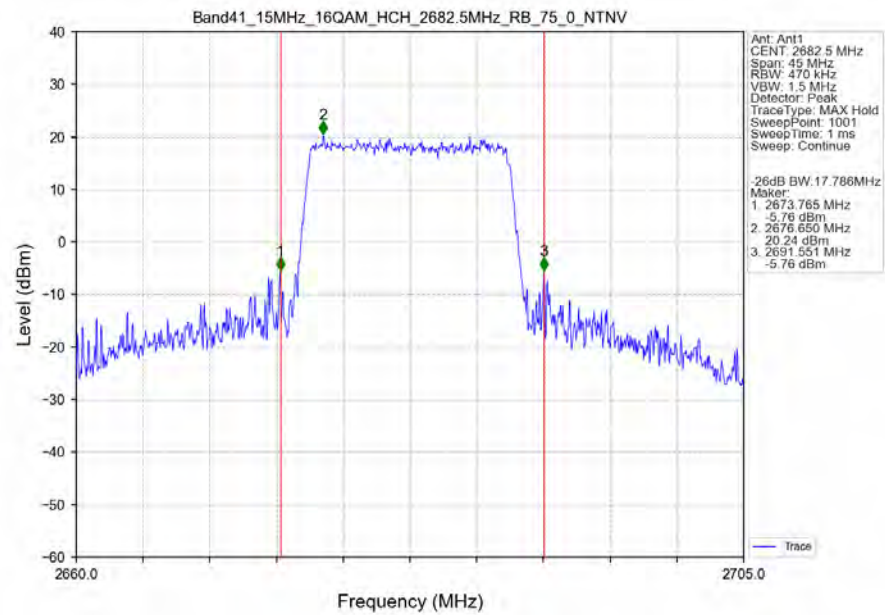
# Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



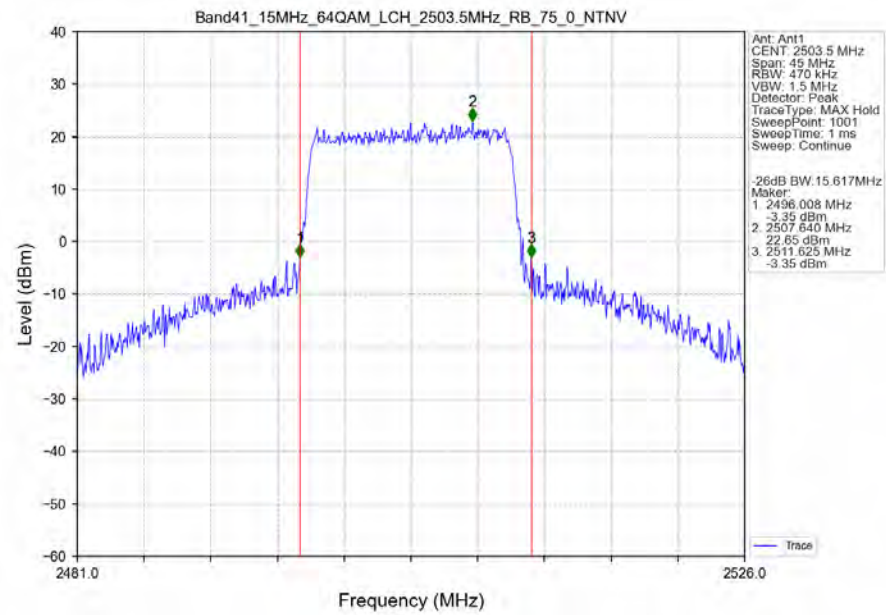
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



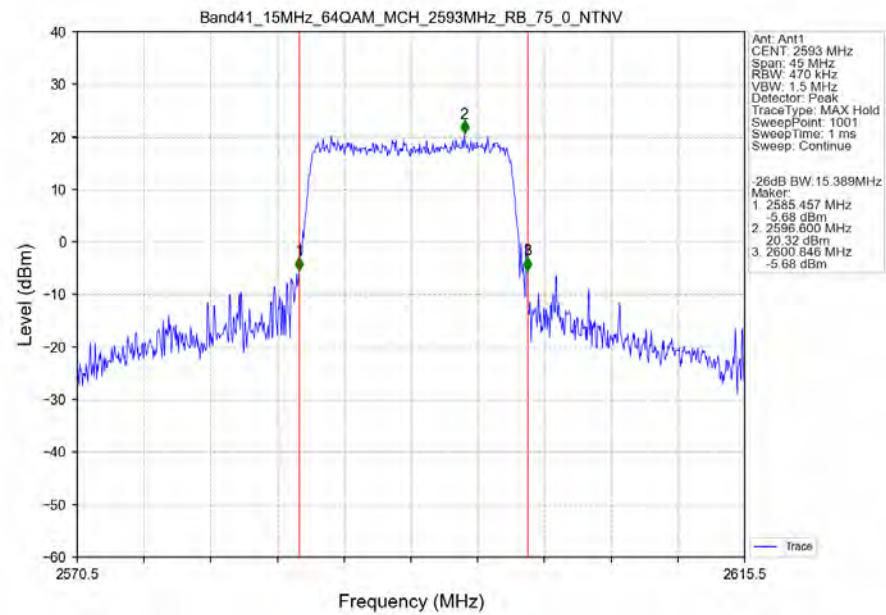
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



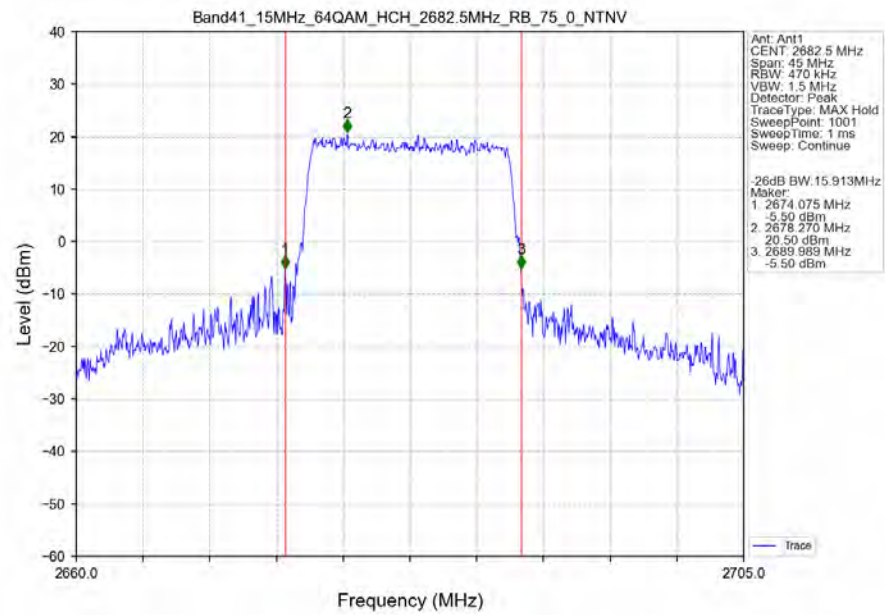
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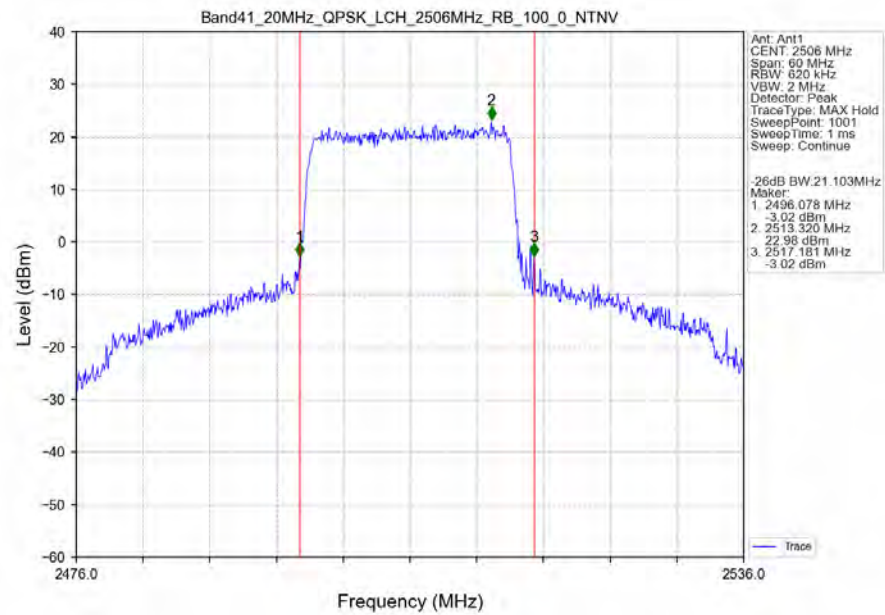
Band41\_15MHz\_64QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



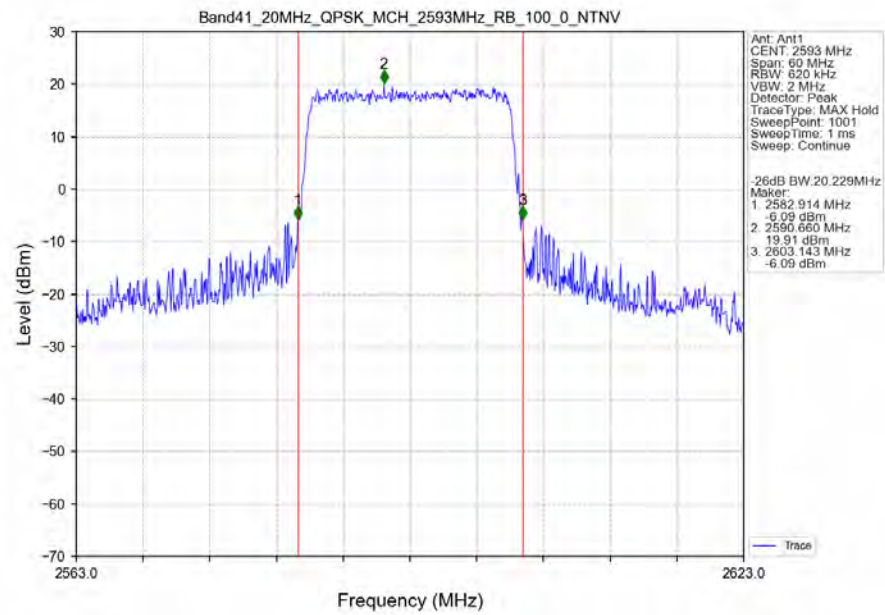
# Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



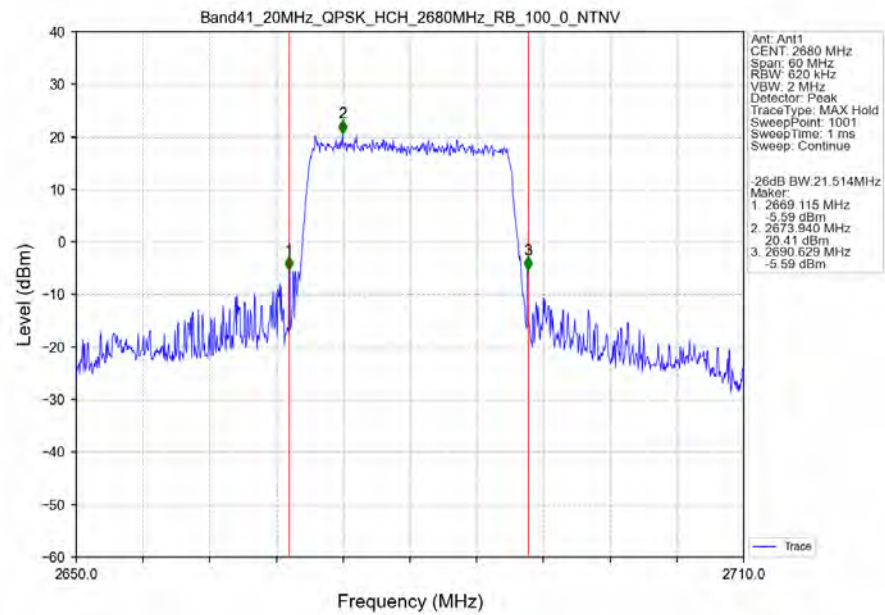
# Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



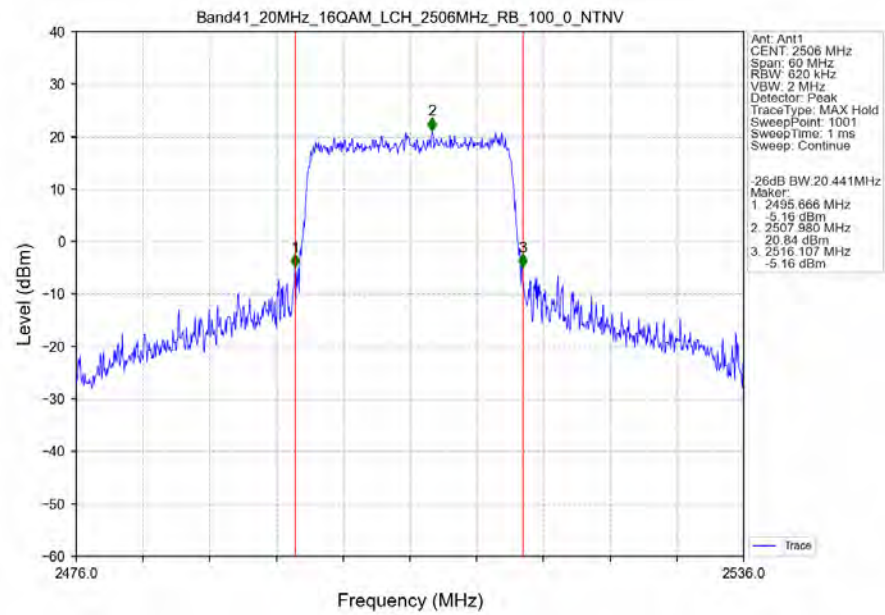
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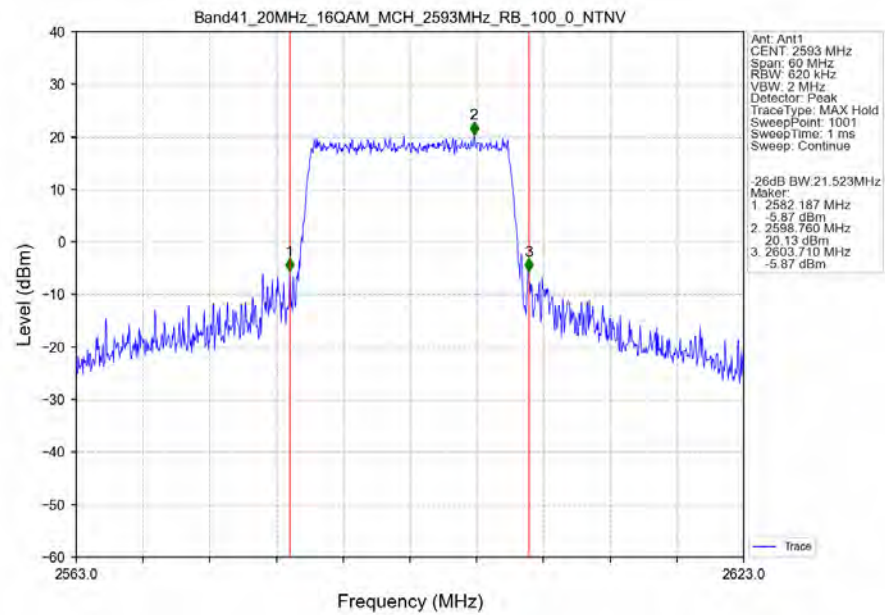
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



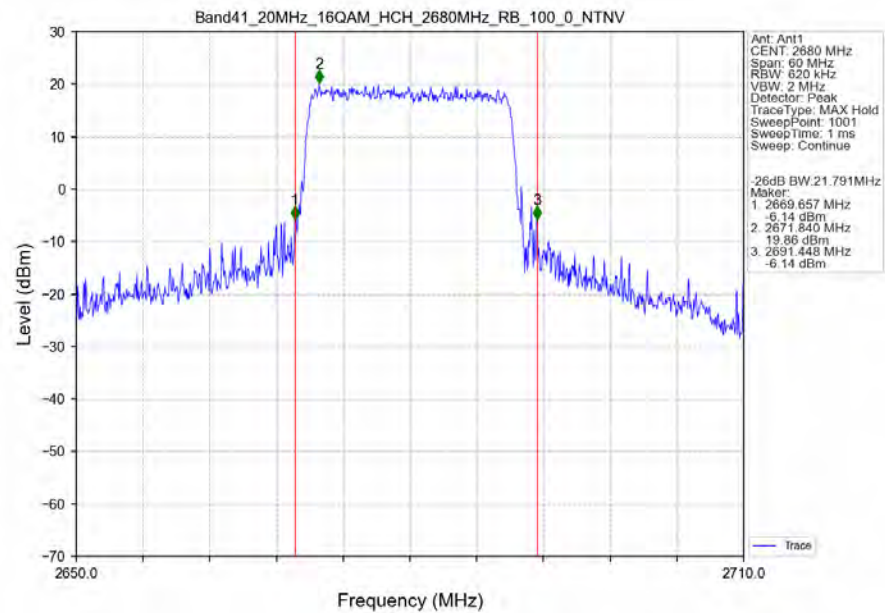
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



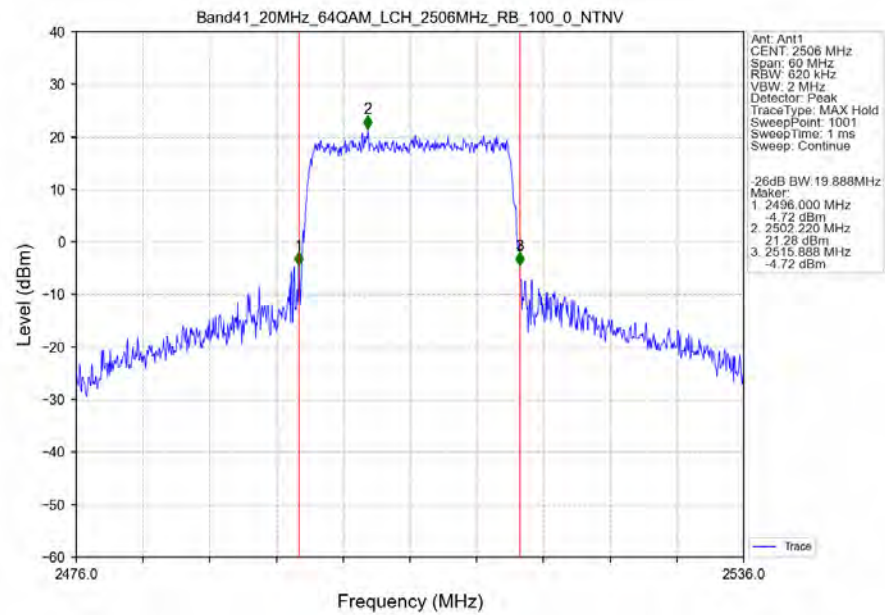
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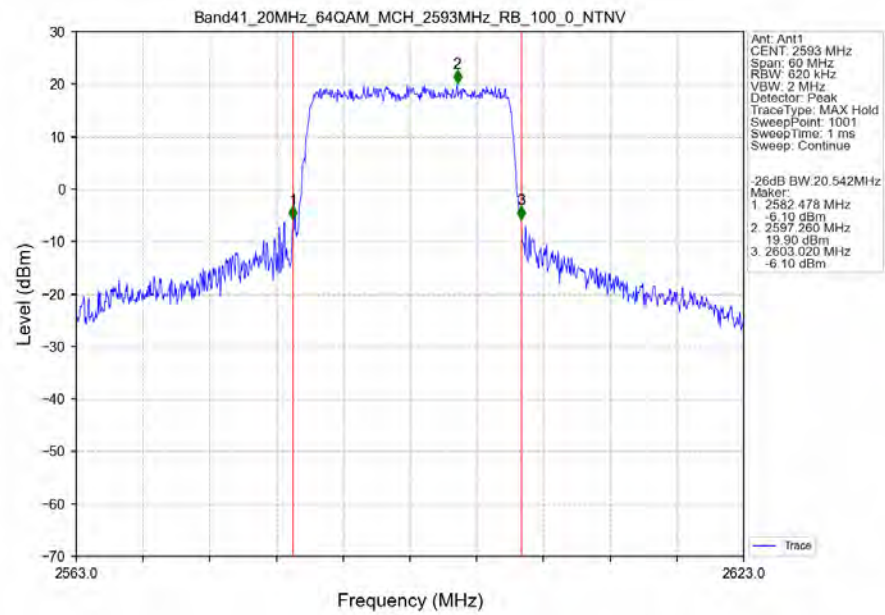
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



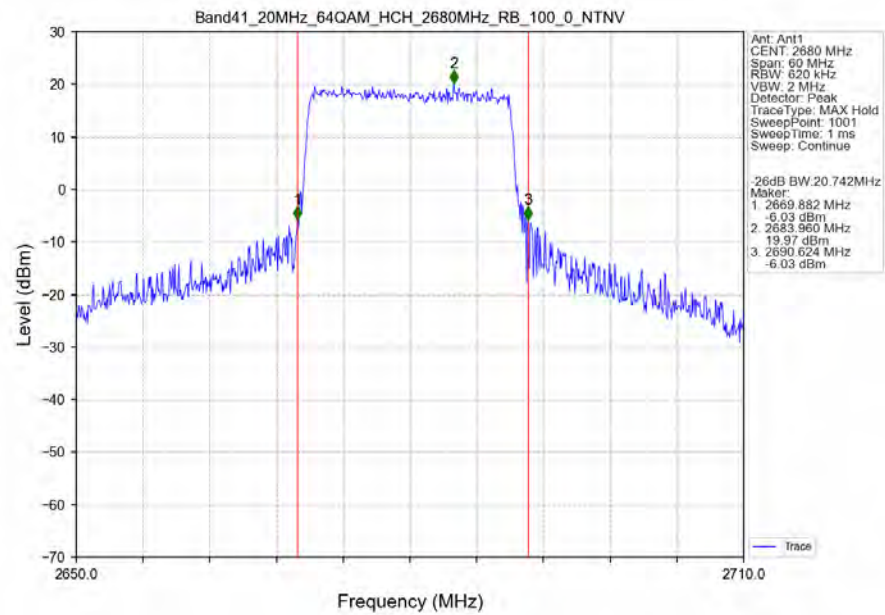
Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



## 4. Peak-Average Ratio

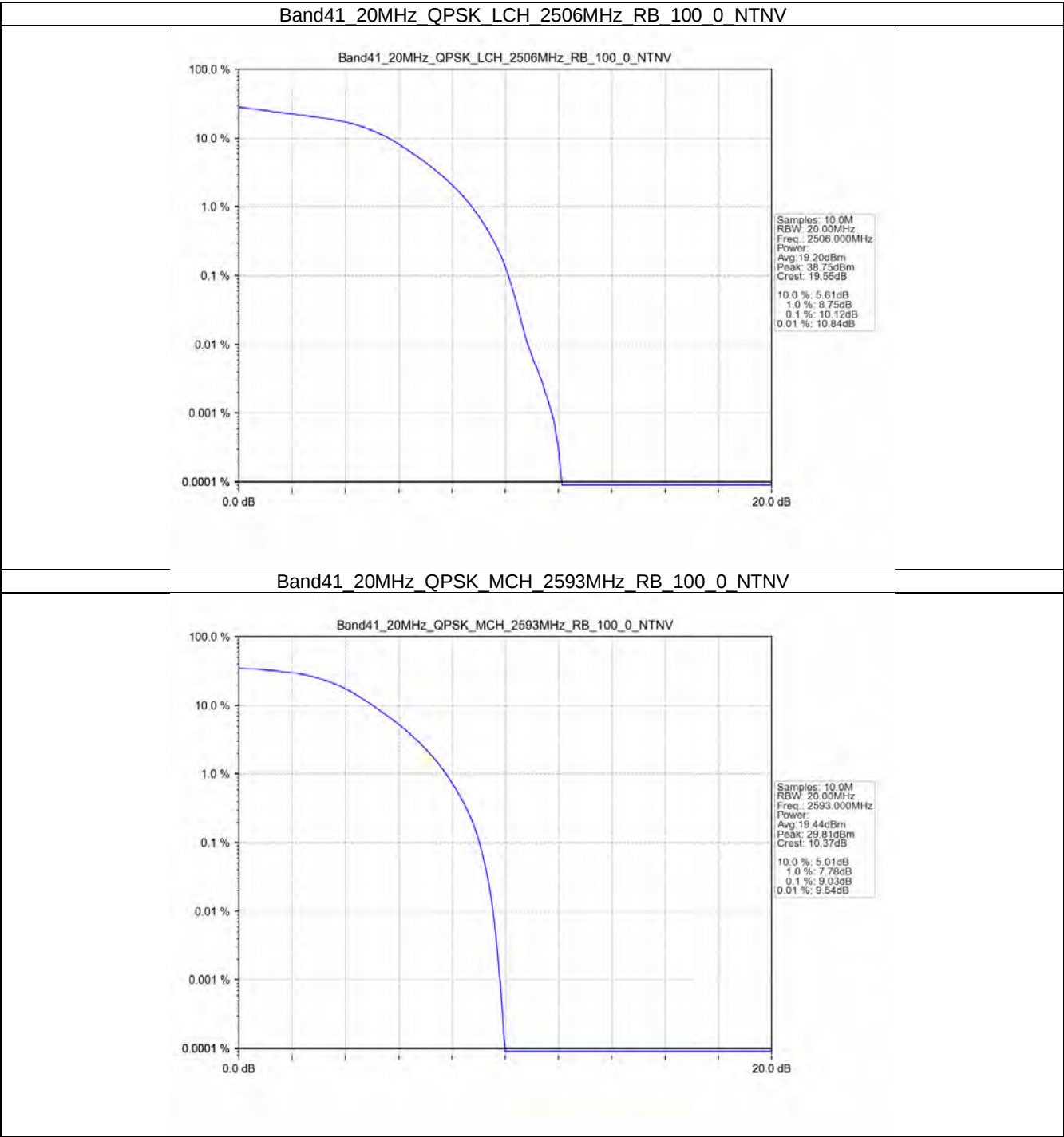
### 4.1 Test Result

#### 4.1.1 B41\_20MHz

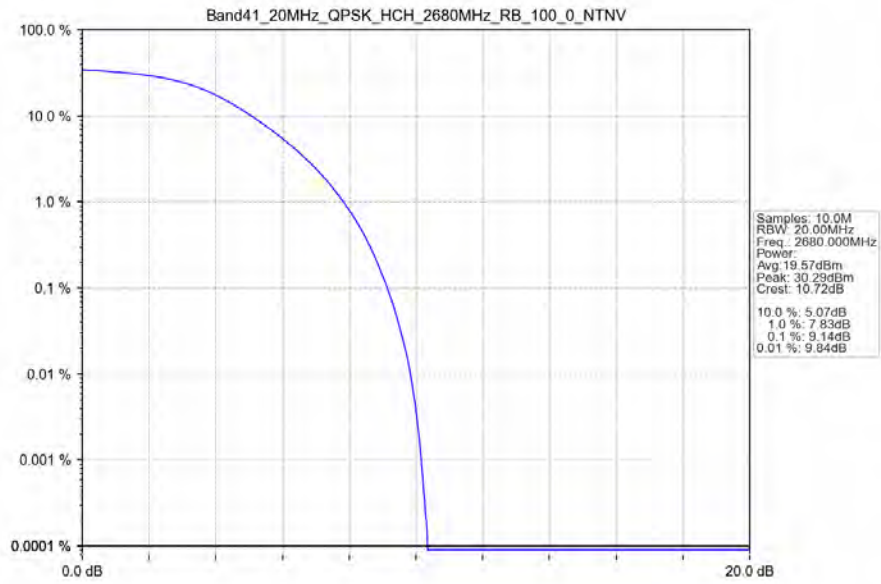
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2506            | 100           | 0      | 10.12                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 9.03                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 9.14                    | <=13  | Pass    |
| 16QAM                              | 2506            | 100           | 0      | 11.25                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 10.05                   | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 9.99                    | <=13  | Pass    |
| 64QAM                              | 2506            | 100           | 0      | 11.06                   | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 10.06                   | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 10.04                   | <=13  | Pass    |

4.2 Test Graph

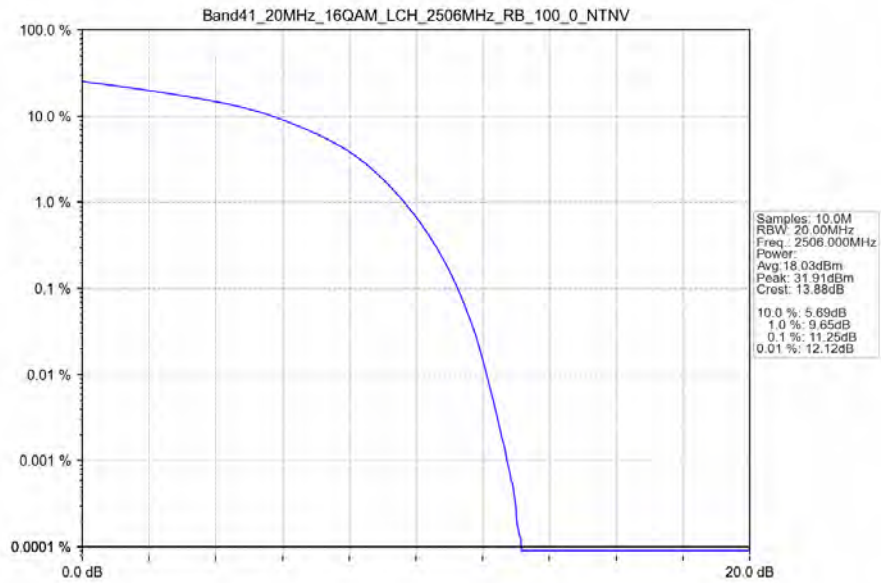
4.2.1 B41\_20MHz



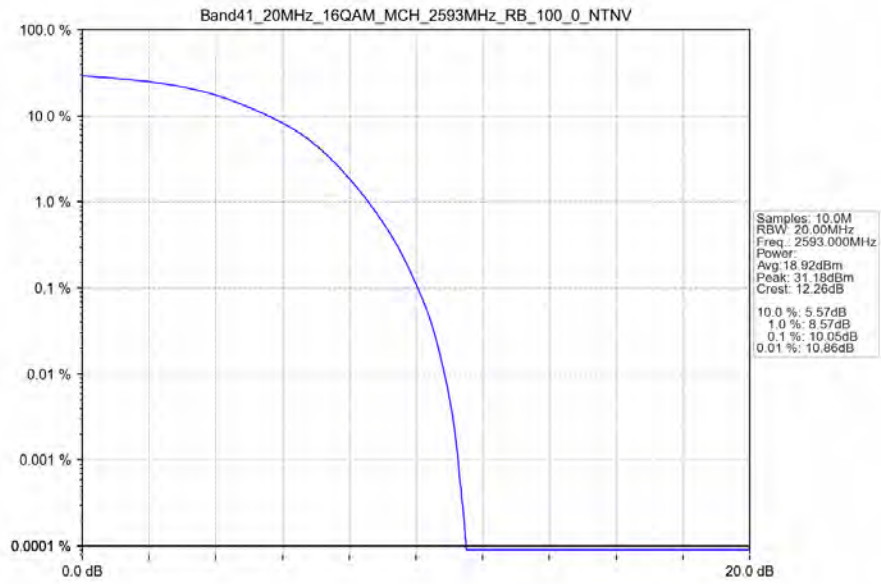
# Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



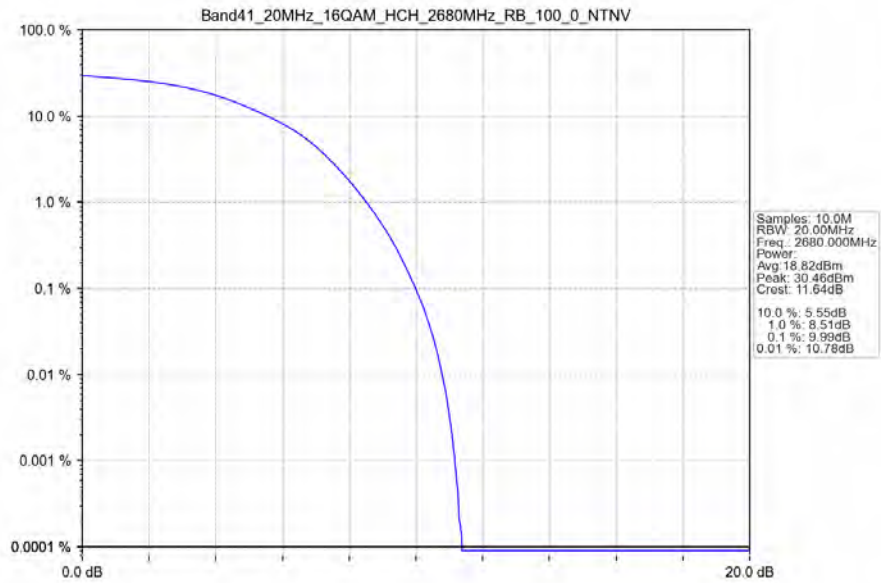
# Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



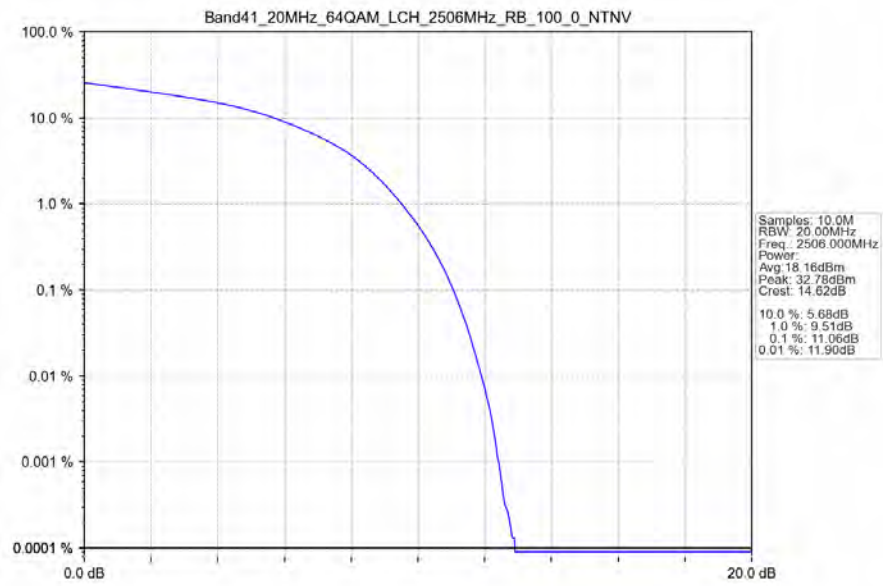
Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



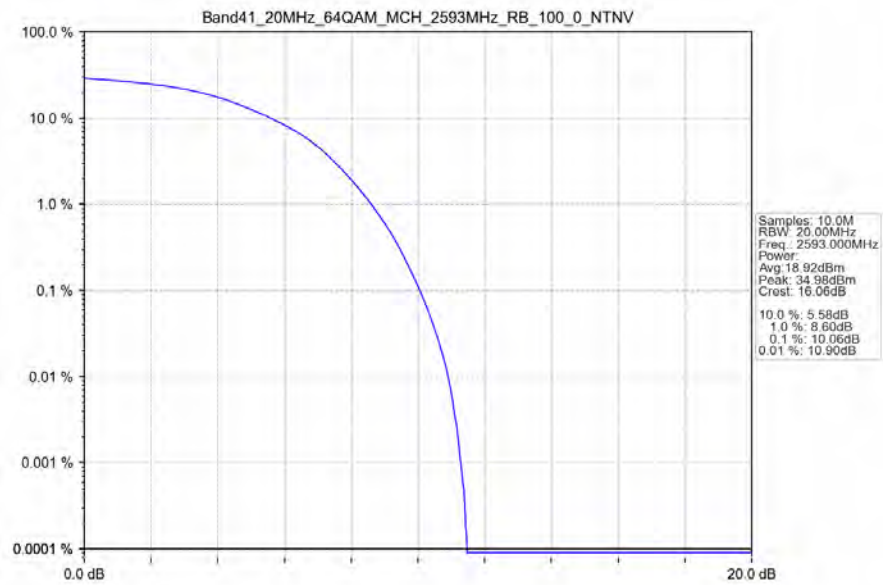
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



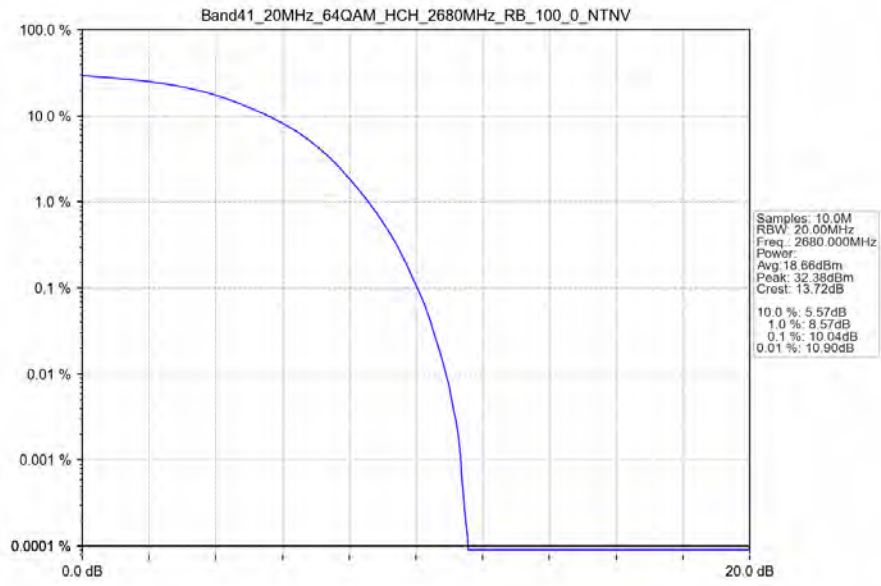
Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



## 5. Spurious Emission & Band Edges

### 5.1 Test Result

#### 5.1.1 B41\_5MHz

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2498.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2501            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2685            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B41\_15MHz

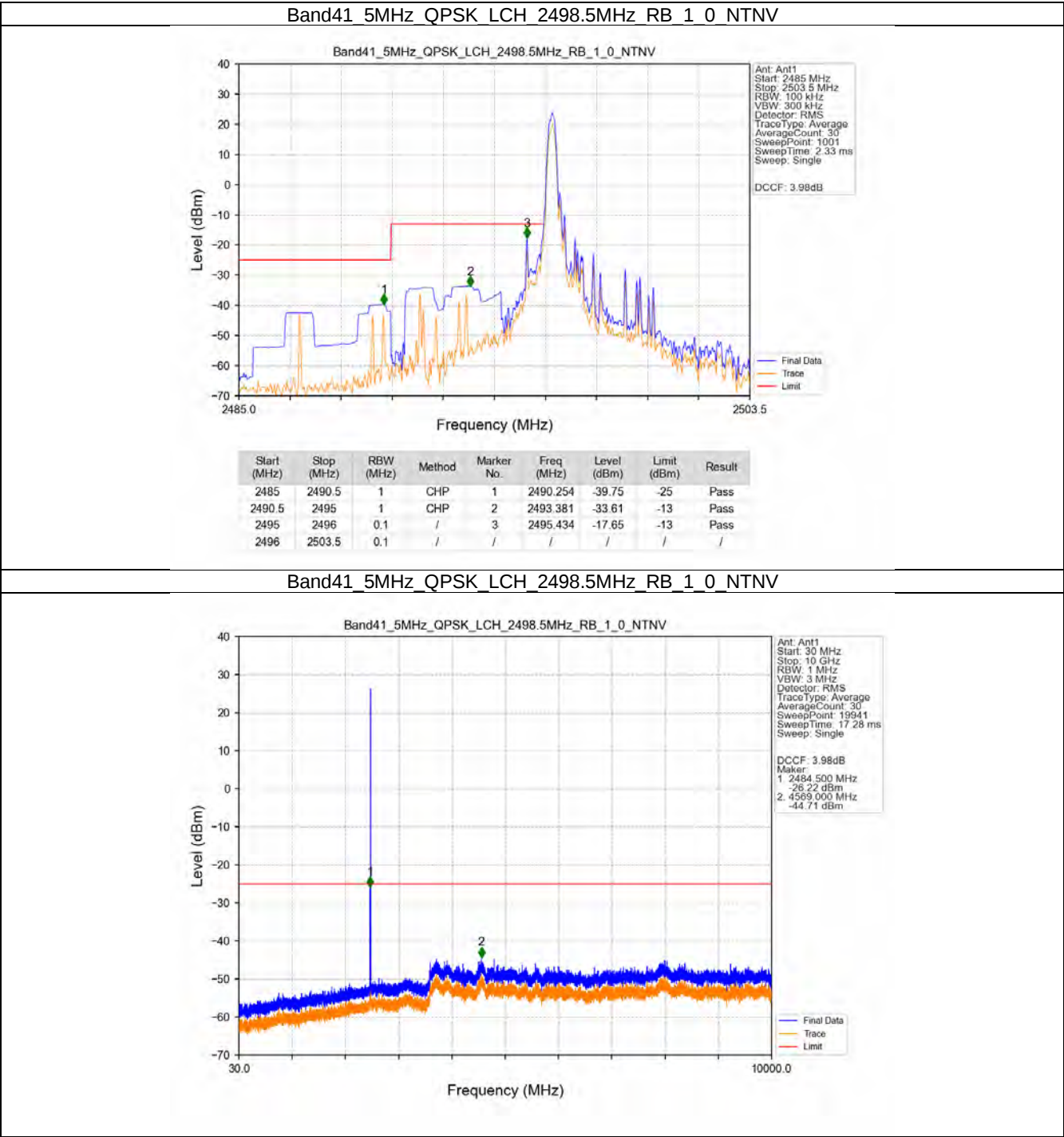
| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2503.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2682.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B41\_20MHz

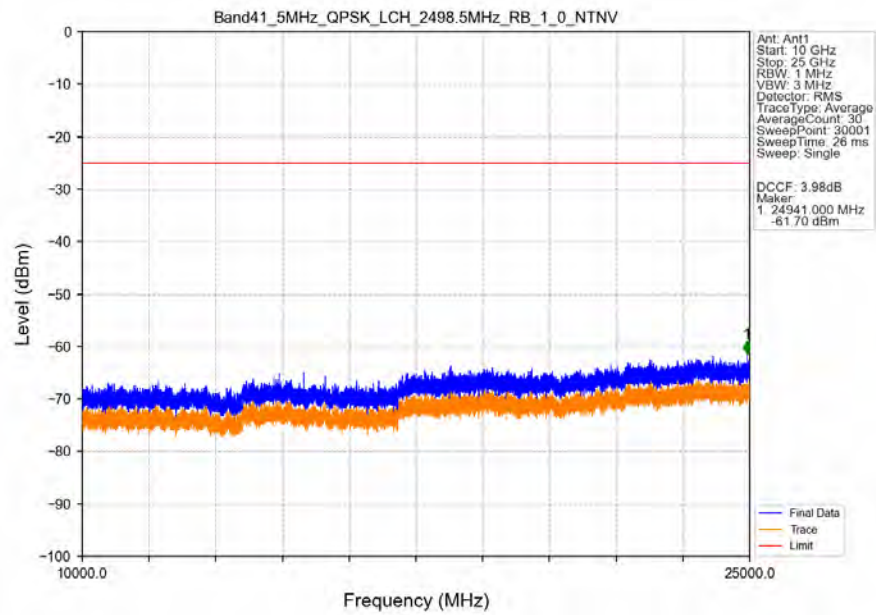
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2506            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2680            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

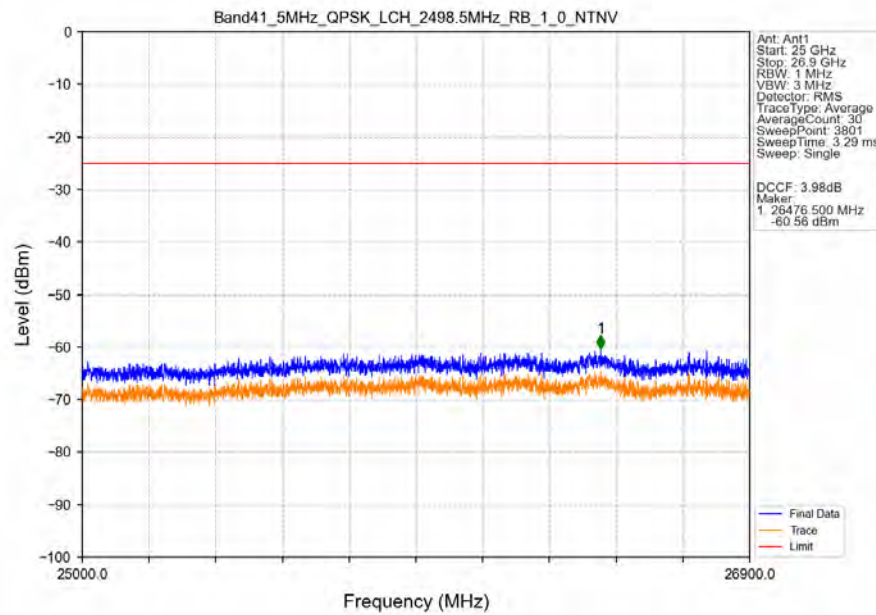
5.2.1 B41\_5MHz



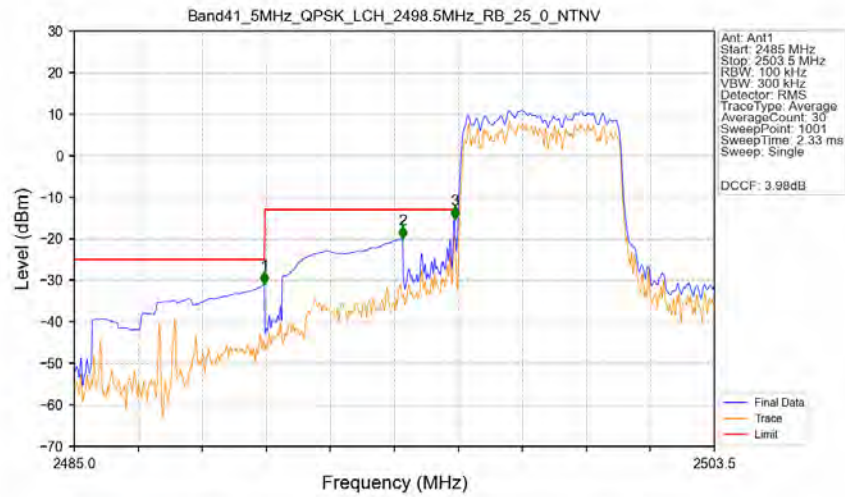
# Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



# Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

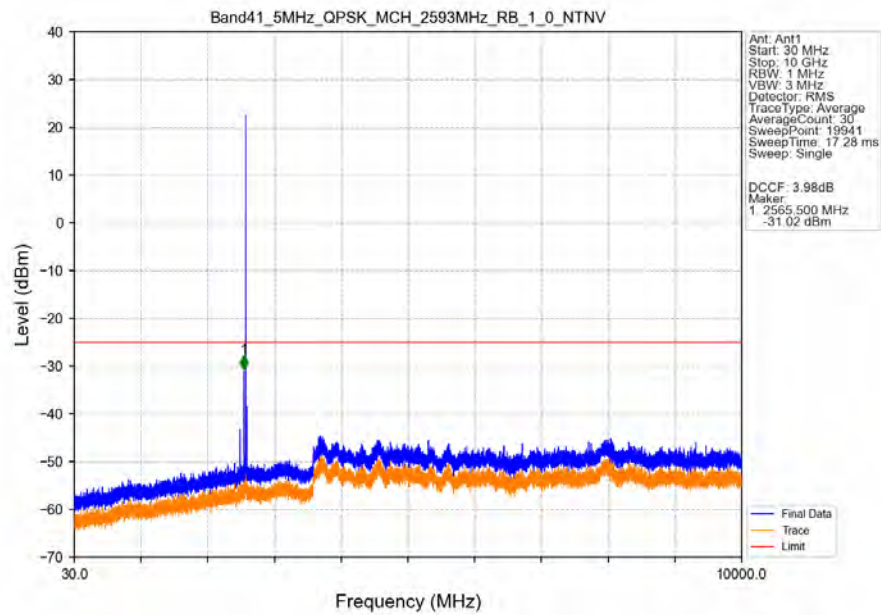


# Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV

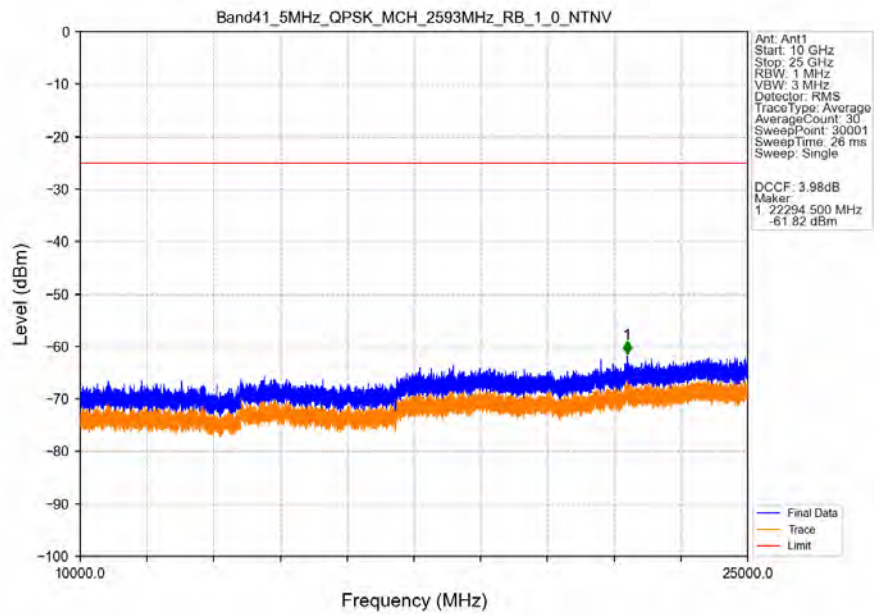


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.494   | -30.99      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.490   | -19.99      | -13         | Pass   |
| 2495        | 2496       | 0.1       | /      | 3          | 2495.989   | -15.27      | -13         | Pass   |
| 2496        | 2503.5     | 0.106     | CHP    | /          | /          | /           | /           | /      |

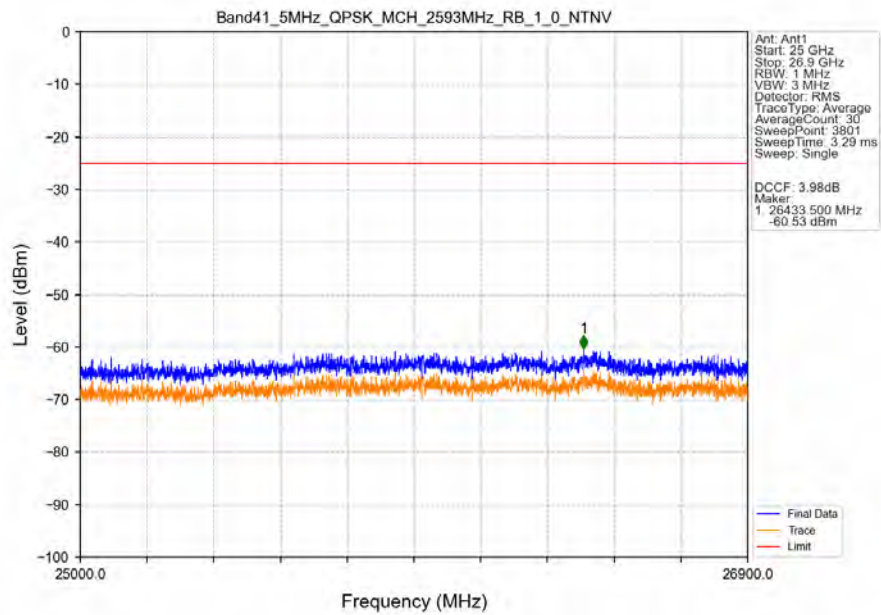
# Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



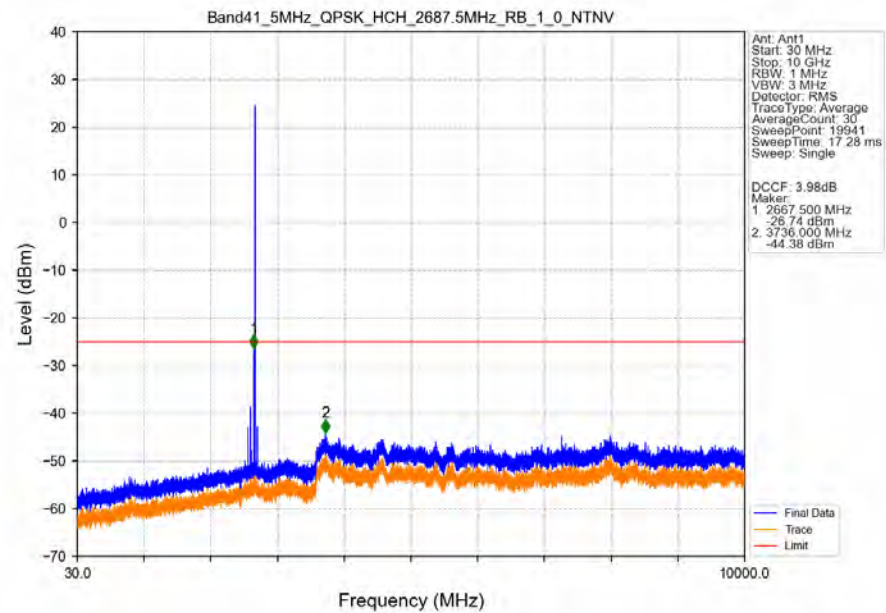
# Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



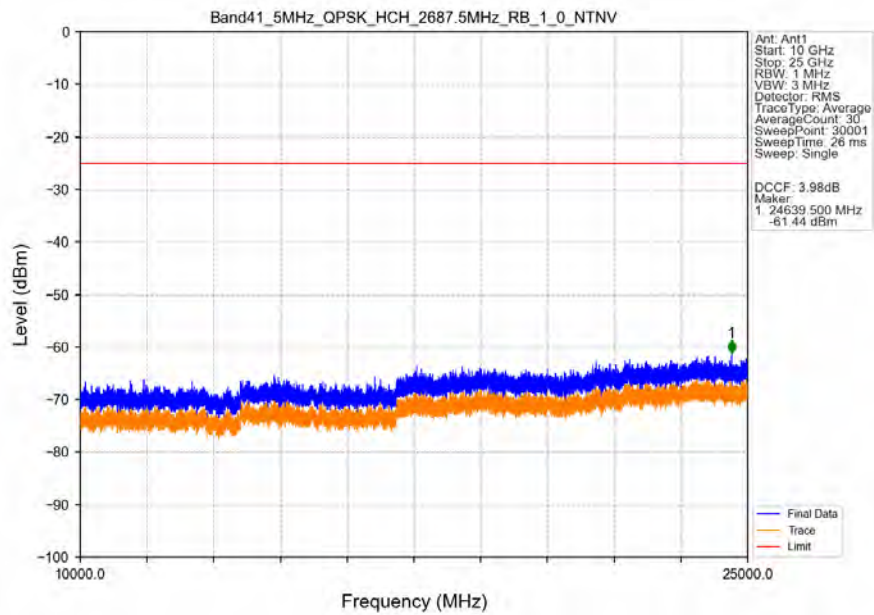
# Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



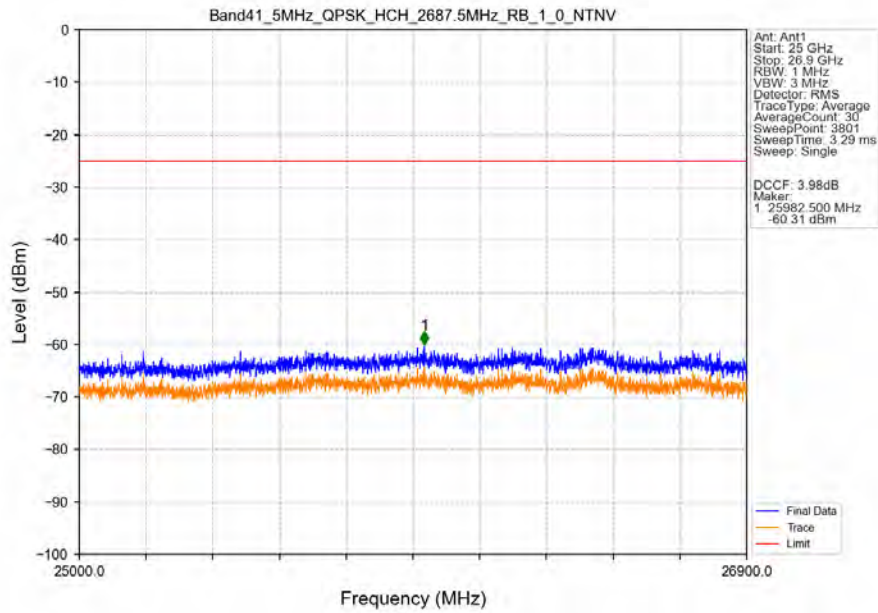
# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



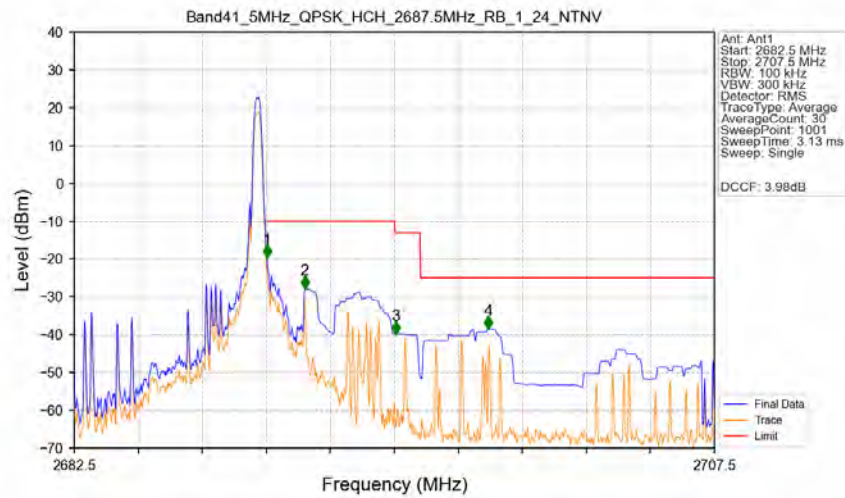
# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV

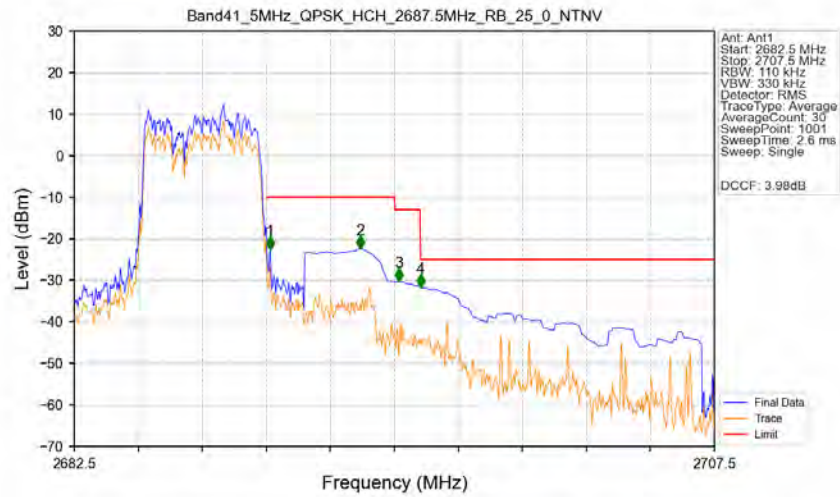


# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_24\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2682.5      | 2690       | 0.1       | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.1       | /      | 1          | 2690.025   | -19.70      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -27.77      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.050   | -39.81      | -13         | Pass   |
| 2696        | 2707.5     | 1         | CHP    | 4          | 2698.675   | -38.49      | -25         | Pass   |

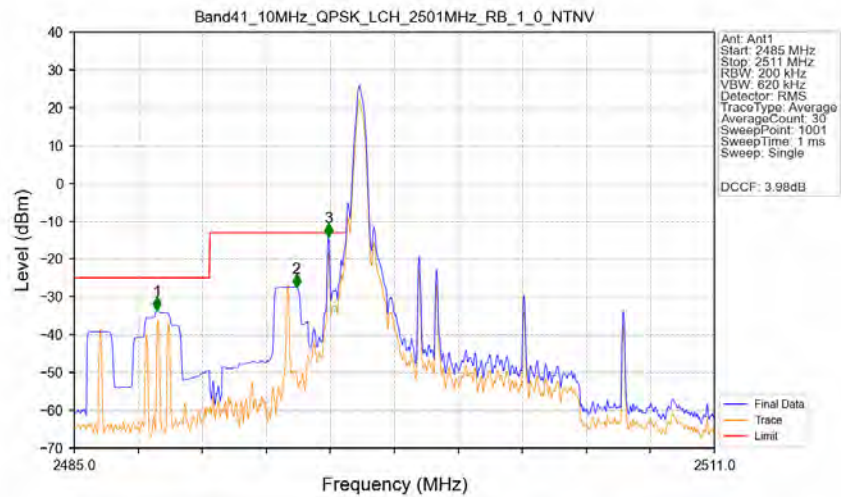
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



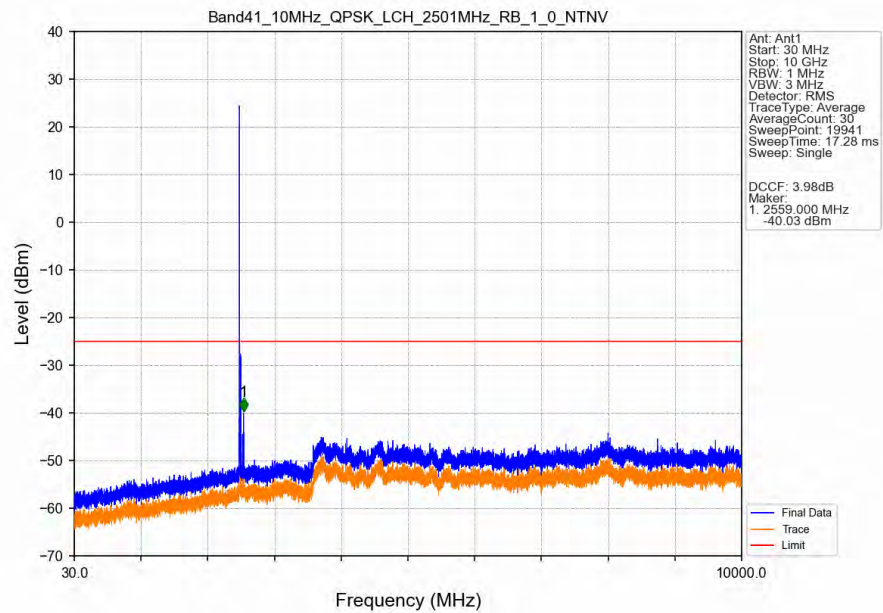
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2682.5      | 2690       | 0.11      | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.11      | /      | 1          | 2690.150   | -22.63      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2693.675   | -22.46      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.175   | -30.32      | -13         | Pass   |
| 2696        | 2707.5     | 1         | CHP    | 4          | 2696.025   | -31.61      | -25         | Pass   |

5.2.2 B41\_10MHz

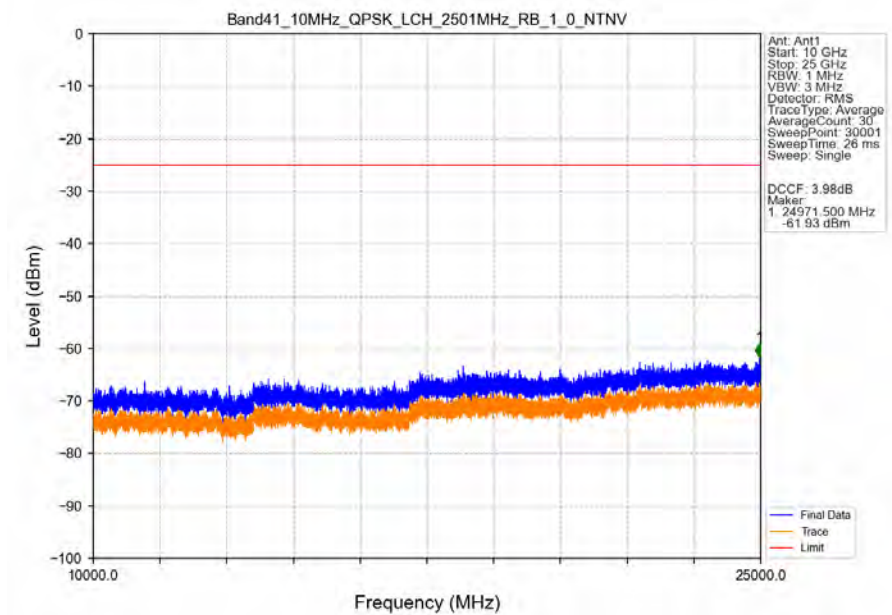
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



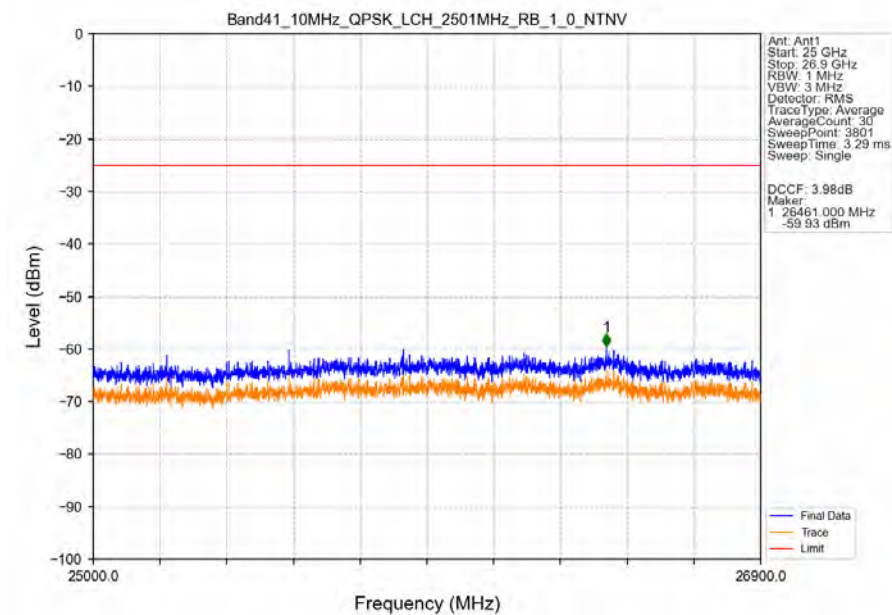
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



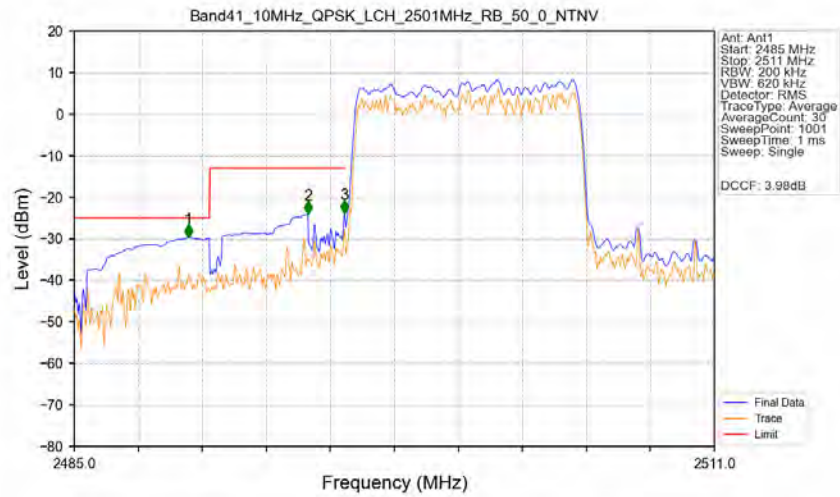
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV

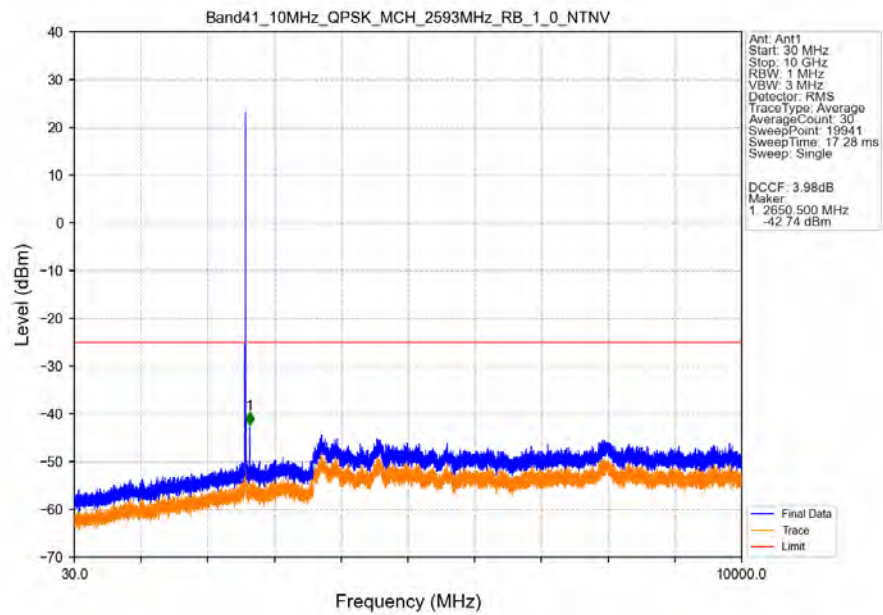


# Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV

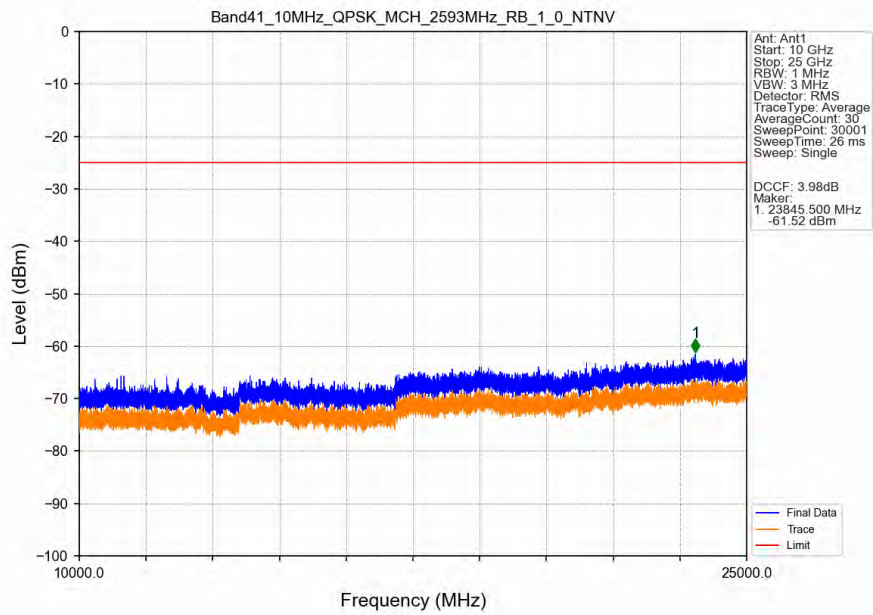


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.628   | -29.68      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.490   | -24.07      | -13         | Pass   |
| 2495        | 2496       | 0.2       | /      | 3          | 2495.972   | -23.82      | -13         | Pass   |
| 2496        | 2511       | 0.207     | CHP    | /          | /          | /           | /           | /      |

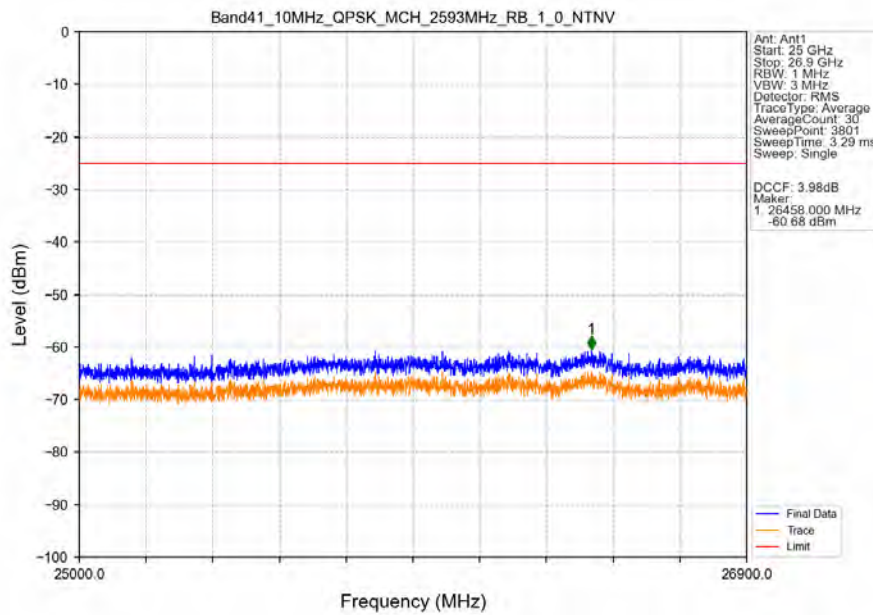
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



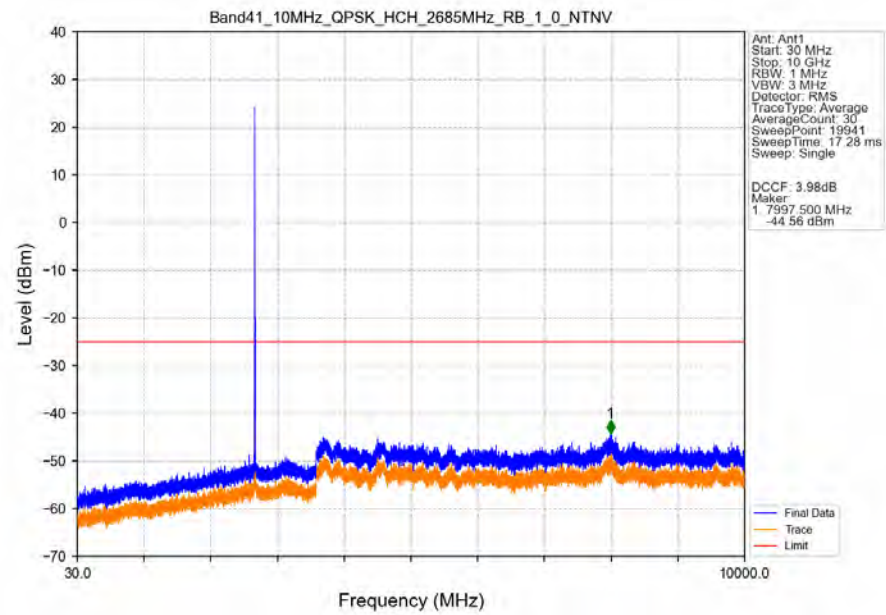
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



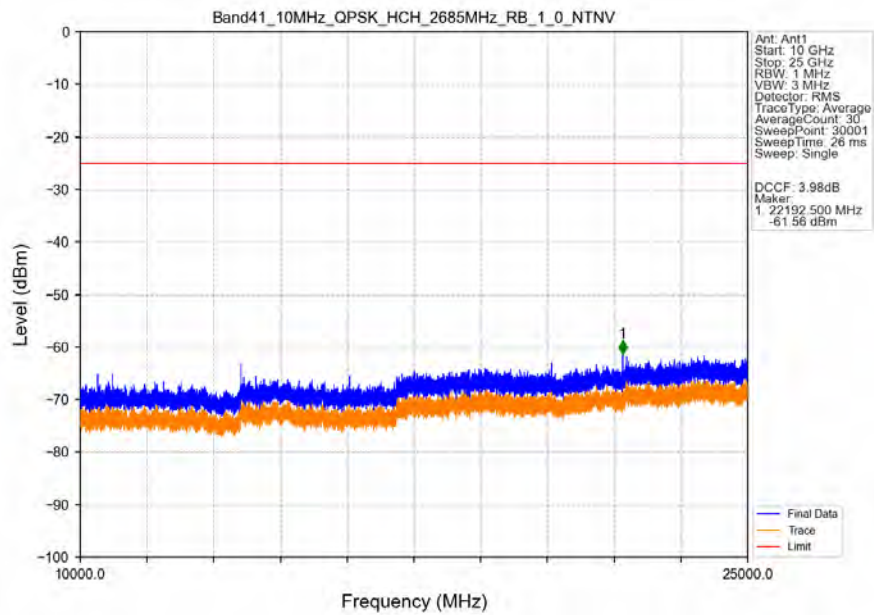
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



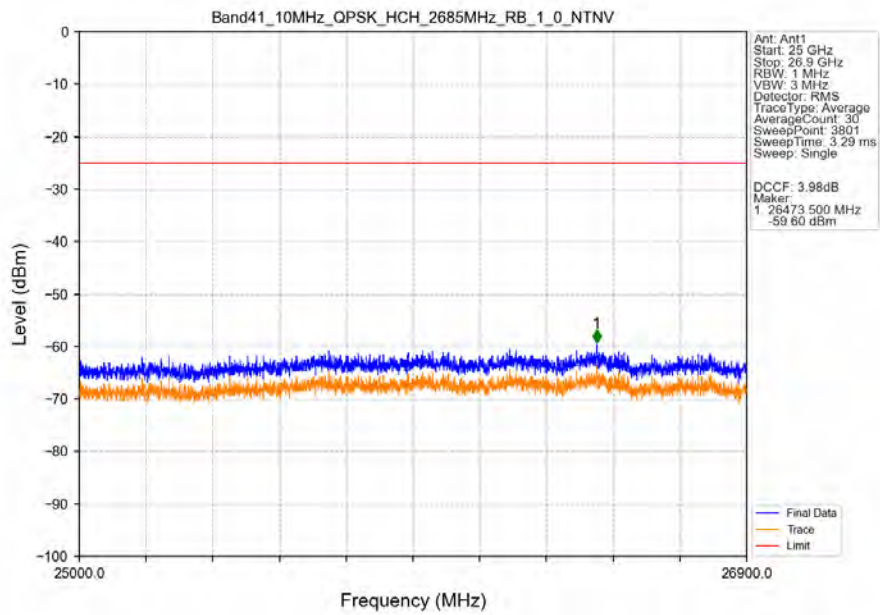
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



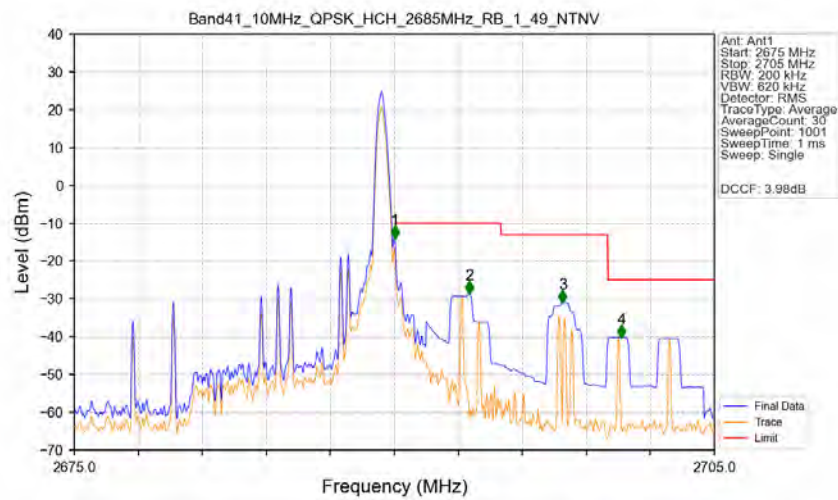
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV

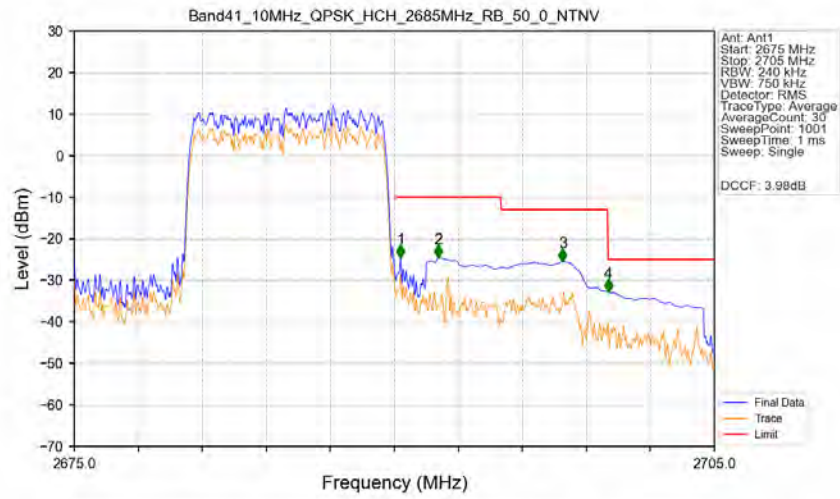


# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_49\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2675        | 2690       | 0.2       | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.2       | /      | 1          | 2690.030   | -14.01      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2693.510   | -28.63      | -10         | Pass   |
| 2695        | 2700       | 1         | CHP    | 3          | 2697.890   | -31.02      | -13         | Pass   |
| 2700        | 2705       | 1         | CHP    | 4          | 2700.650   | -40.28      | -25         | Pass   |

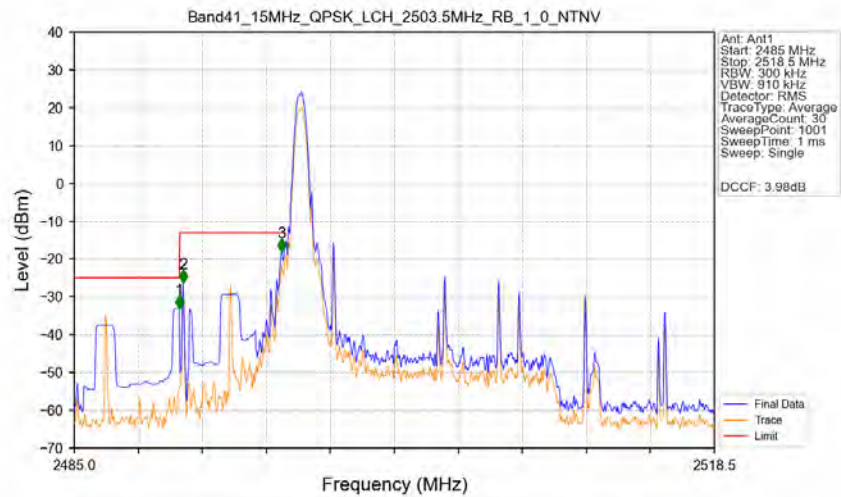
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2675        | 2690       | 0.24      | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.24      | /      | 1          | 2690.300   | -24.63      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2692.070   | -24.65      | -10         | Pass   |
| 2695        | 2700       | 1         | CHP    | 3          | 2697.890   | -25.47      | -13         | Pass   |
| 2700        | 2705       | 1         | CHP    | 4          | 2700.020   | -32.73      | -25         | Pass   |

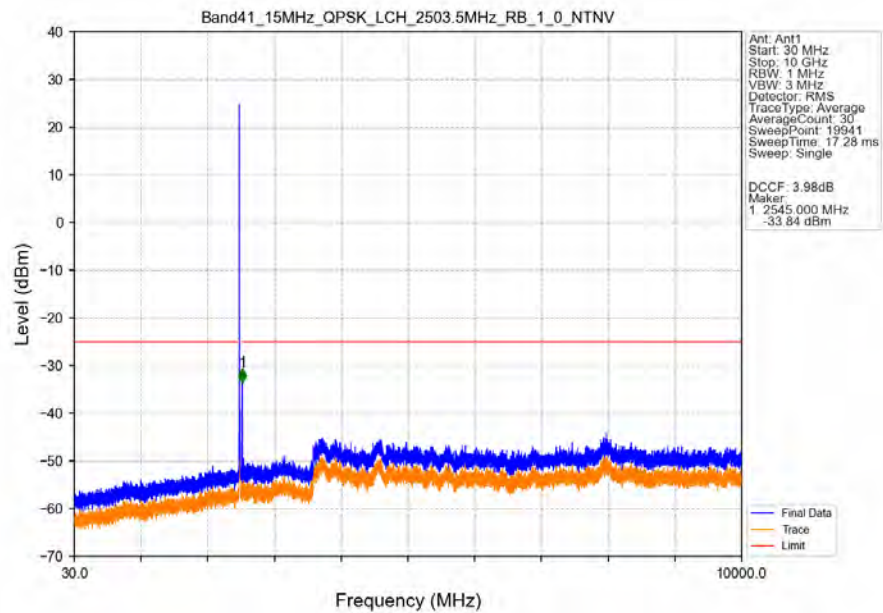
5.2.3 B41\_15MHz

Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV

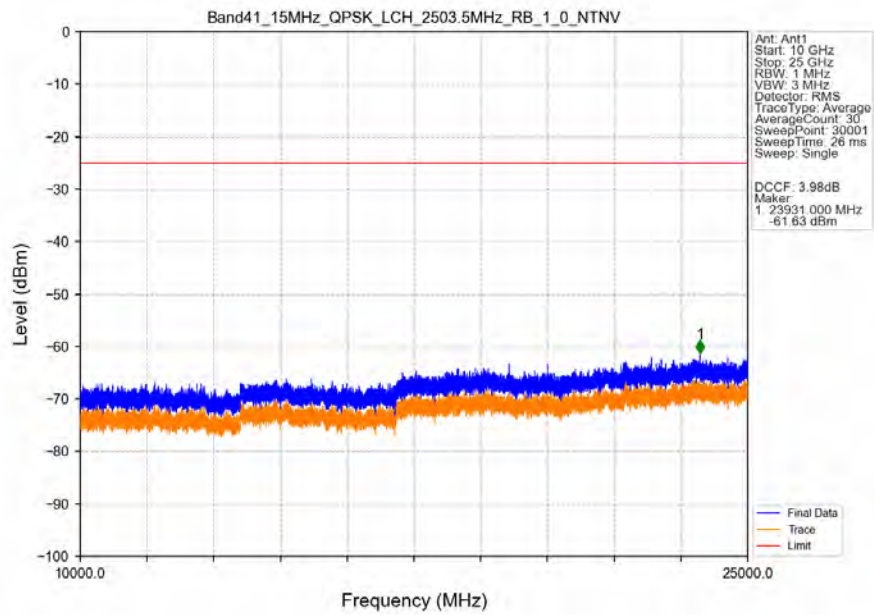


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.494   | -33.02      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2490.695   | -26.26      | -13         | Pass   |
| 2495        | 2496       | 0.3       | /      | 3          | 2495.854   | -18.03      | -13         | Pass   |
| 2496        | 2518.5     | 0.3       | /      | /          | /          | /           | /           | /      |

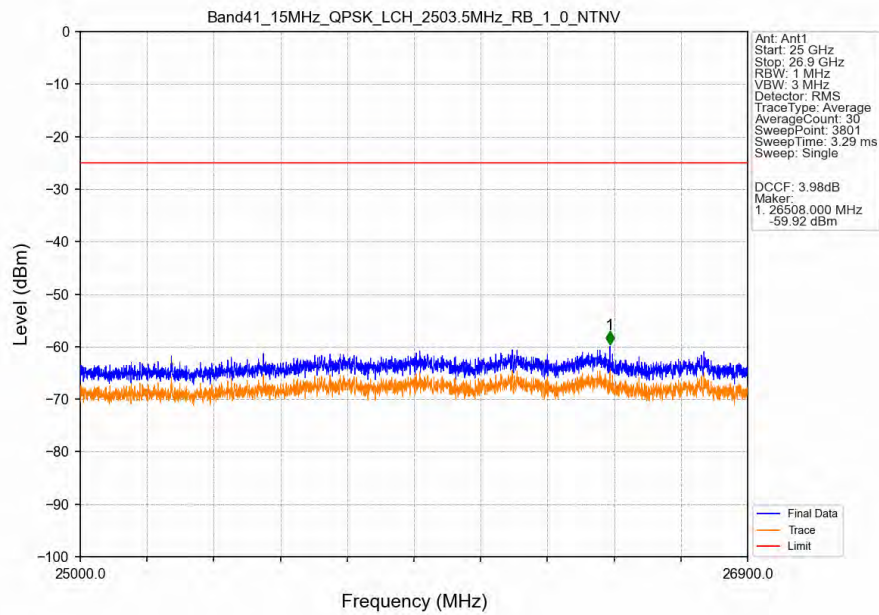
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



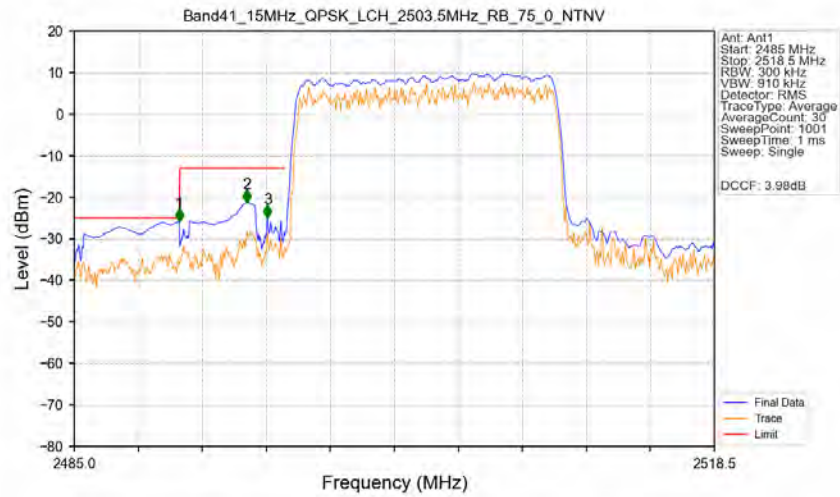
# Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



# Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV

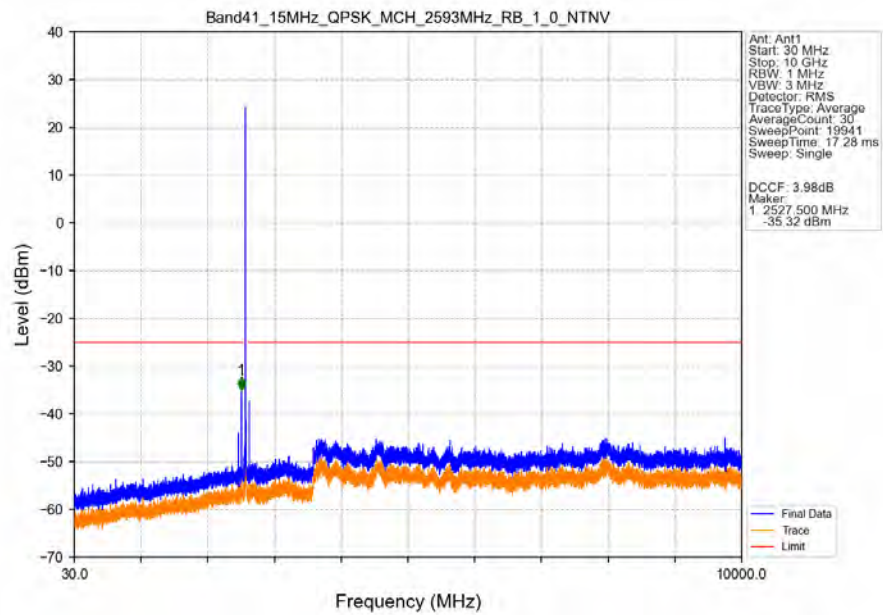


### Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV

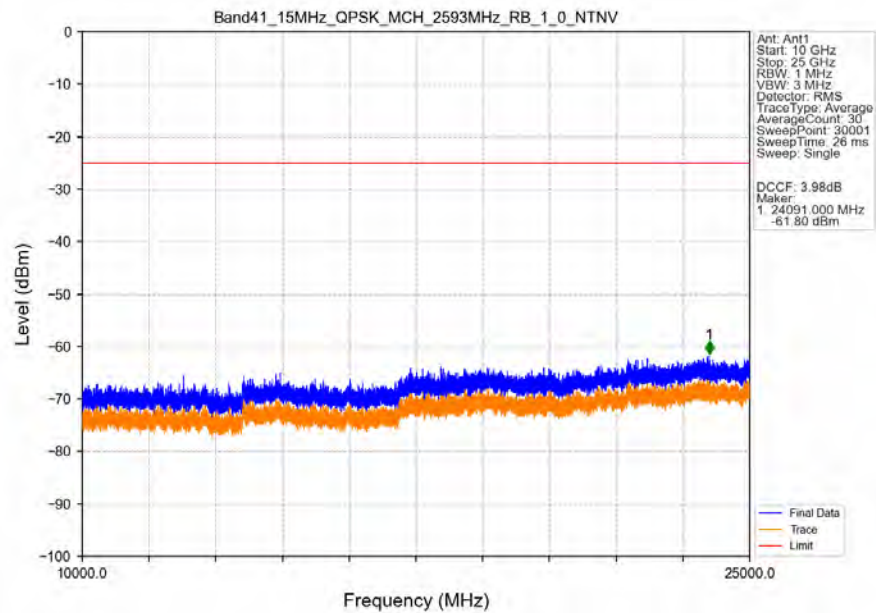


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.494   | -25.86      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.045   | -21.27      | -13         | Pass   |
| 2495        | 2496       | 0.3       | /      | 3          | 2495.117   | -24.87      | -13         | Pass   |
| 2496        | 2518.5     | 0.338     | CHP    | /          | /          | /           | /           | /      |

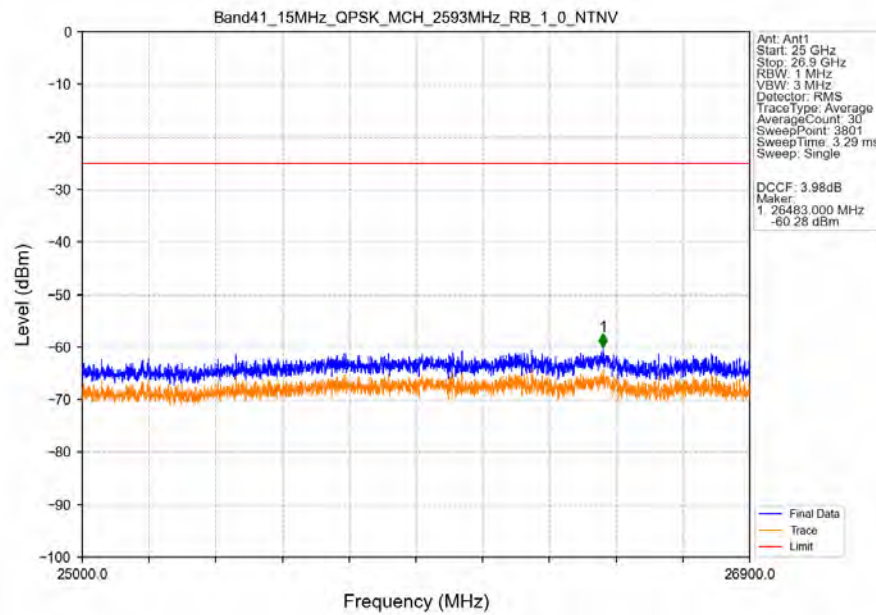
### Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



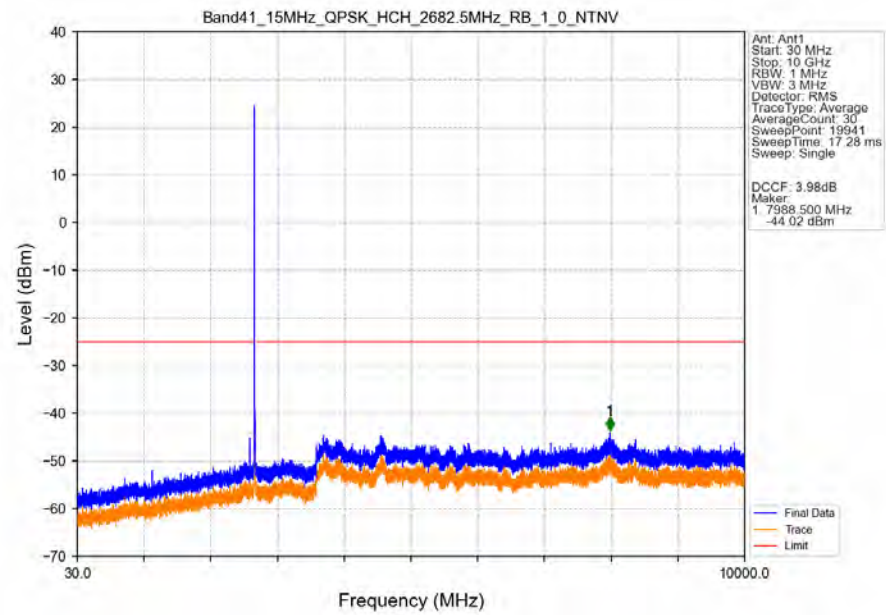
# Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



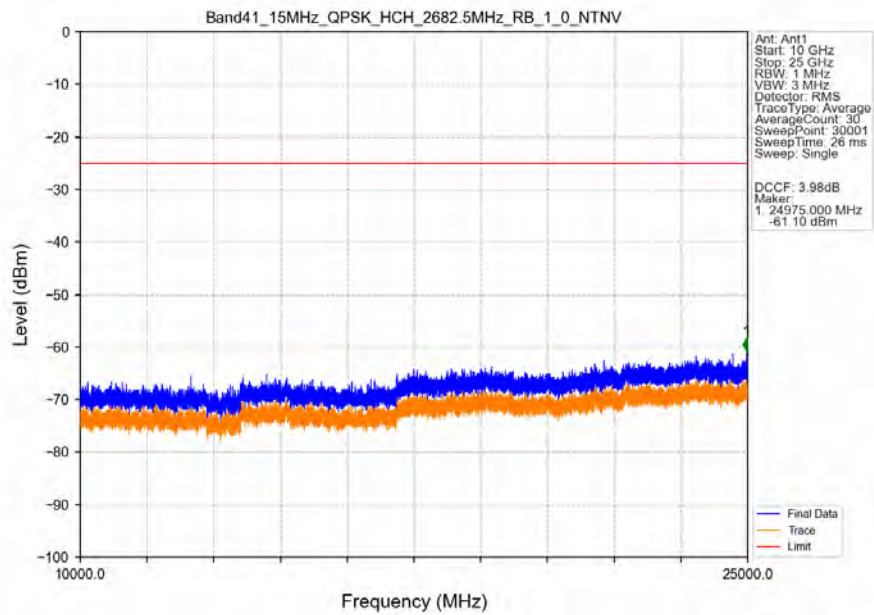
# Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



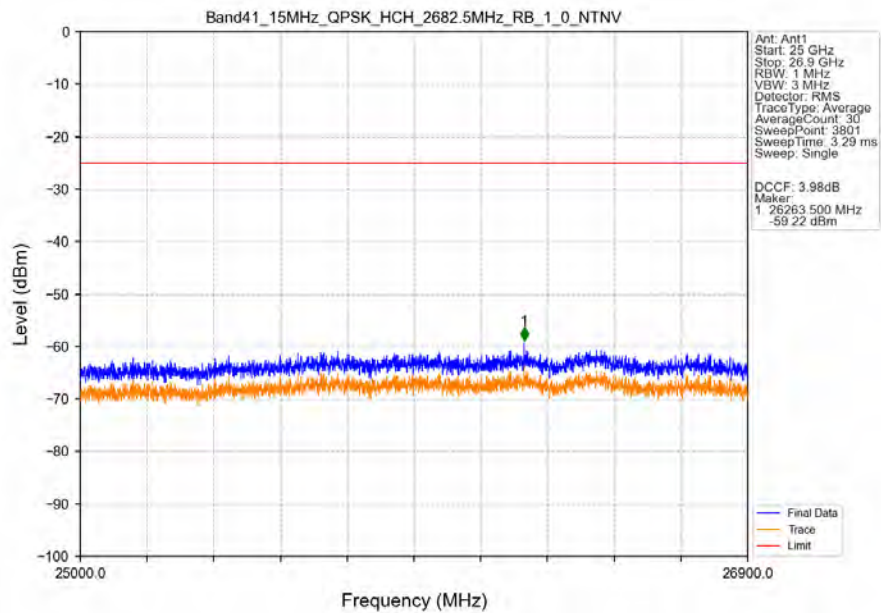
# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



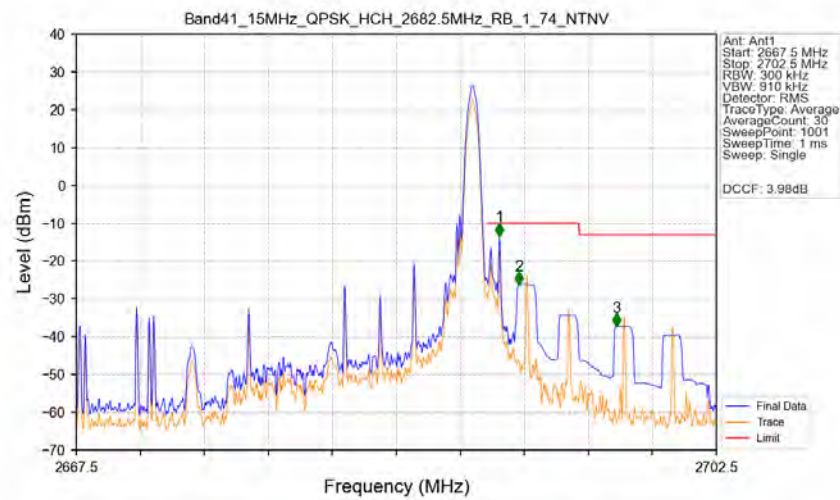
# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV

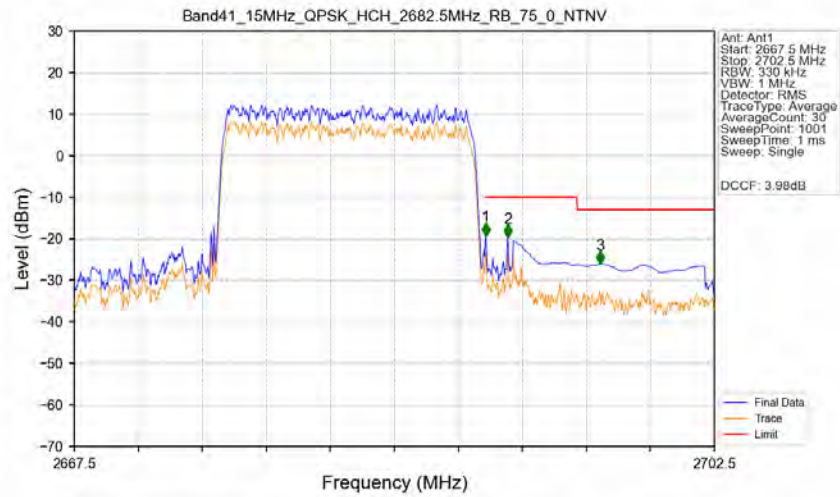


# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_74\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2667.5      | 2690       | 0.3       | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.3       | /      | 1          | 2690.635   | -13.34      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.720   | -26.17      | -10         | Pass   |
| 2695        | 2702.5     | 1         | CHP    | 3          | 2697.040   | -37.29      | -13         | Pass   |

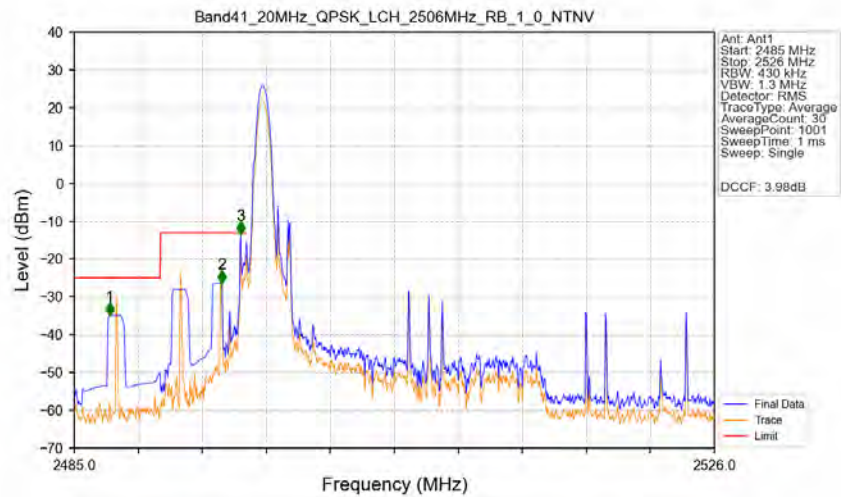
# Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2667.5      | 2690       | 0.33      | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.33      | /      | 1          | 2690.005   | -19.22      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.195   | -19.59      | -10         | Pass   |
| 2695        | 2702.5     | 1         | CHP    | 3          | 2696.270   | -26.05      | -13         | Pass   |

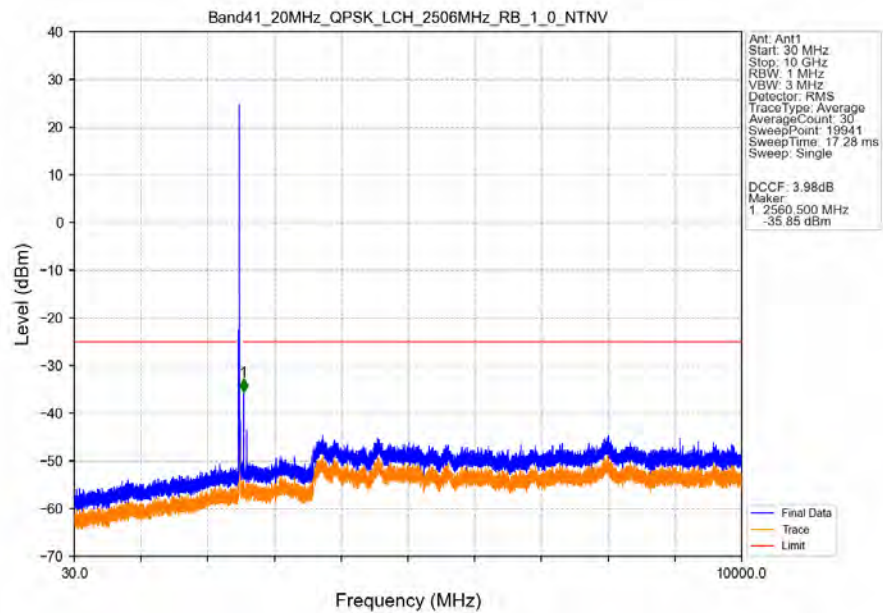
5.2.4 B41\_20MHz

Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV

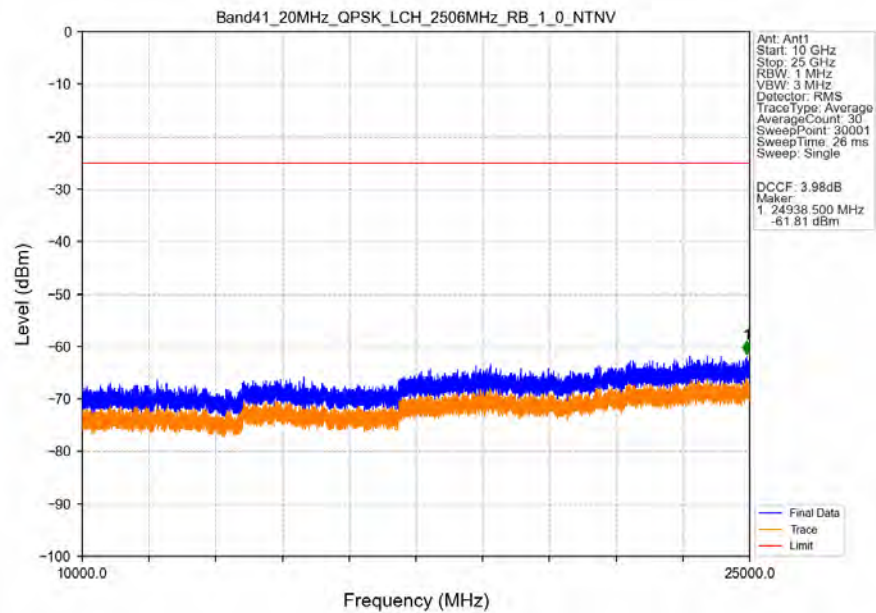


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.255   | -34.91      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.471   | -26.36      | -13         | Pass   |
| 2495        | 2496       | 0.43      | /      | 3          | 2495.660   | -13.36      | -13         | Pass   |
| 2496        | 2526       | 0.43      | /      | /          | /          | /           | /           | /      |

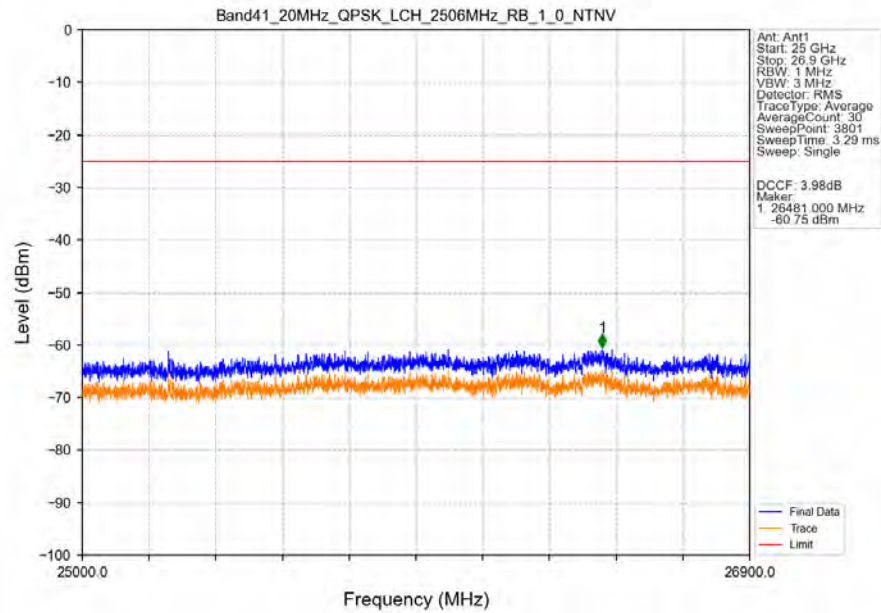
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV



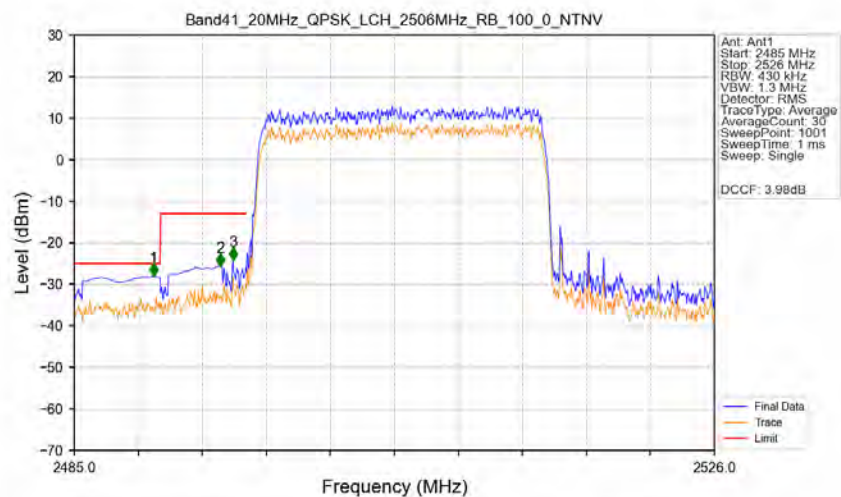
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV



Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV

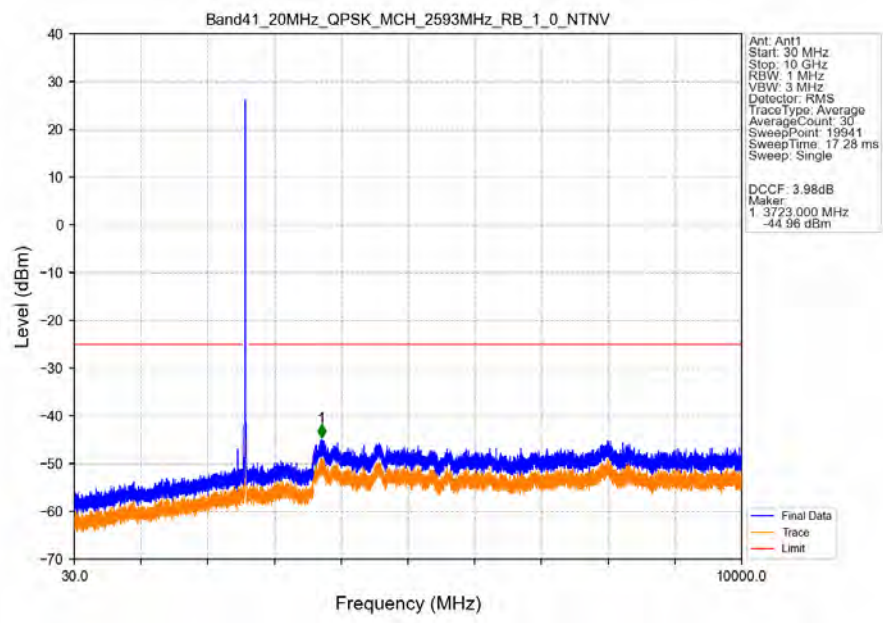


Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV

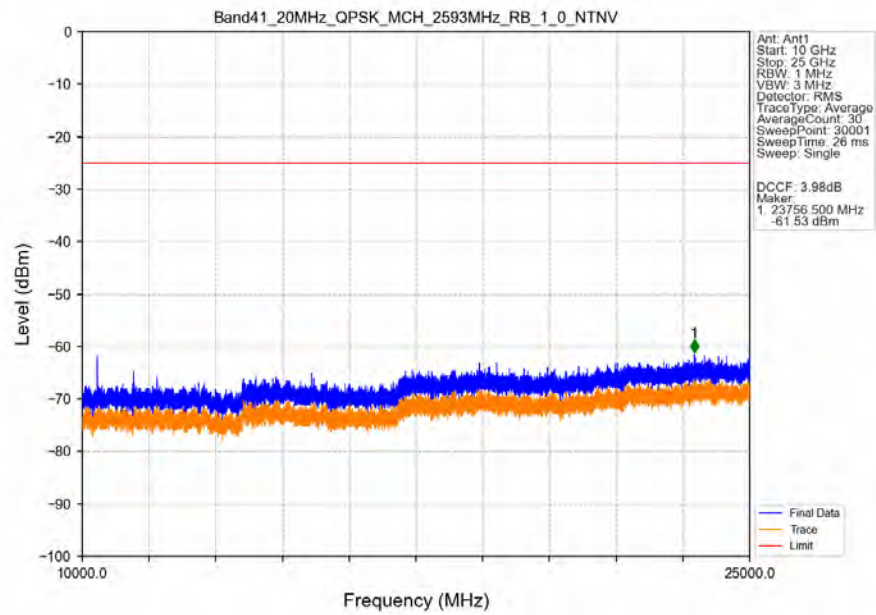


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.084   | -28.13      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.348   | -25.63      | -13         | Pass   |
| 2495        | 2496       | 0.43      | /      | 3          | 2495.168   | -24.31      | -13         | Pass   |
| 2496        | 2526       | 0.43      | /      | /          | /          | /           | /           | /      |

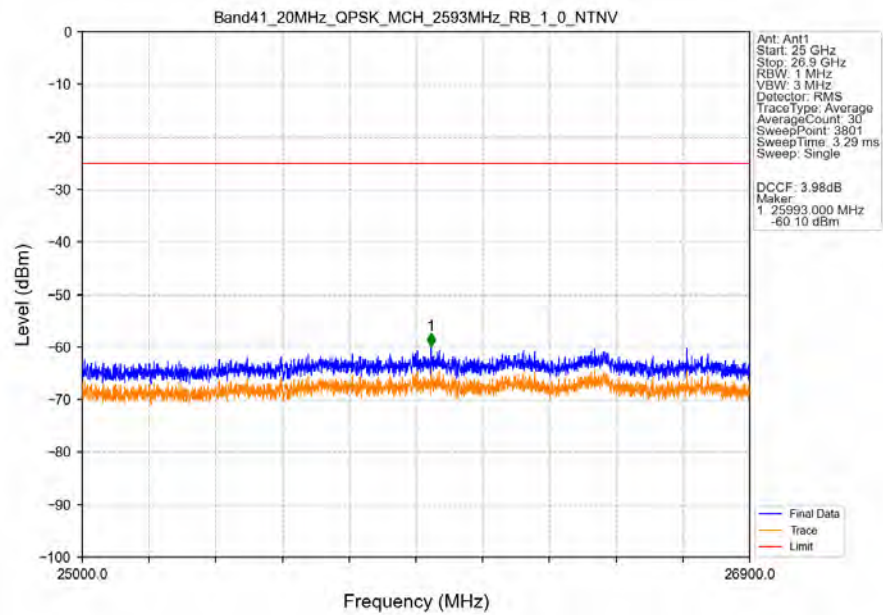
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



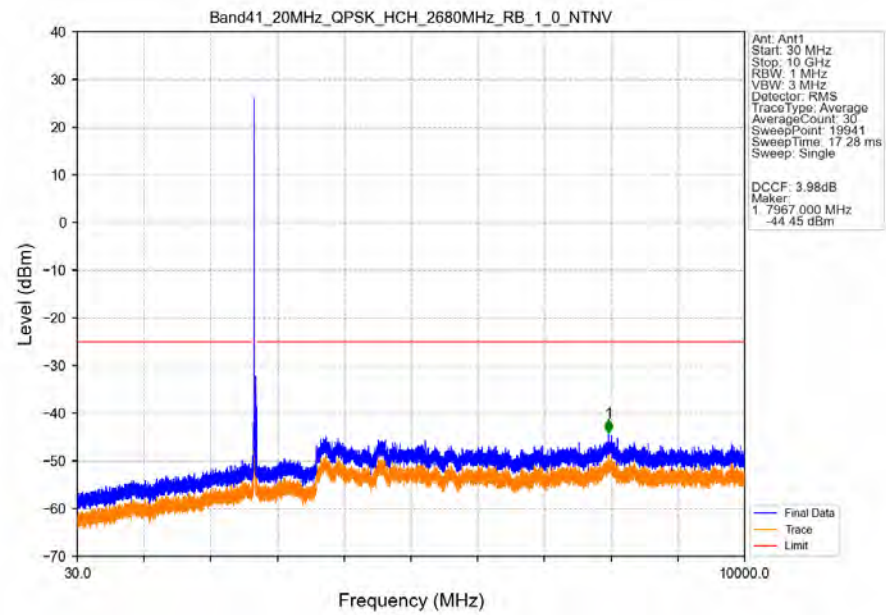
# Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



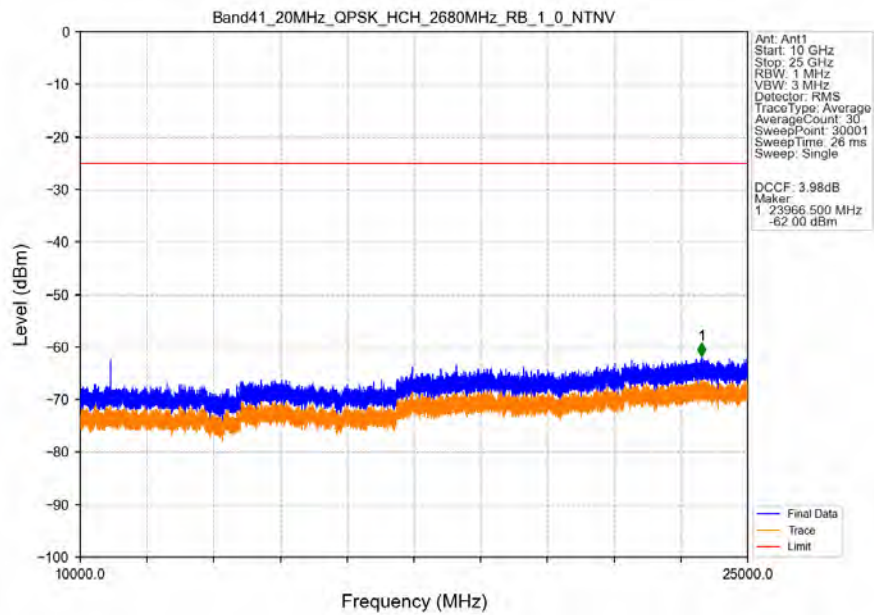
# Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



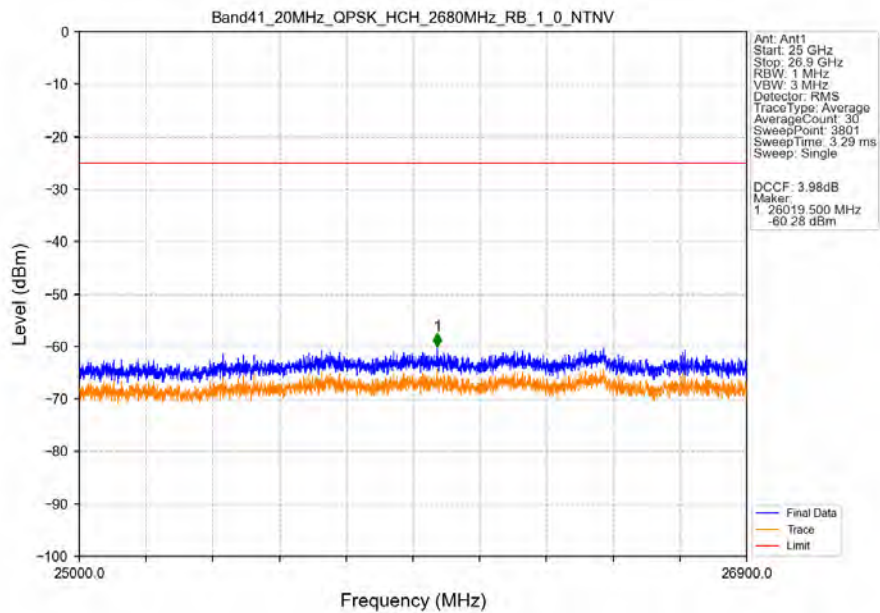
# Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV



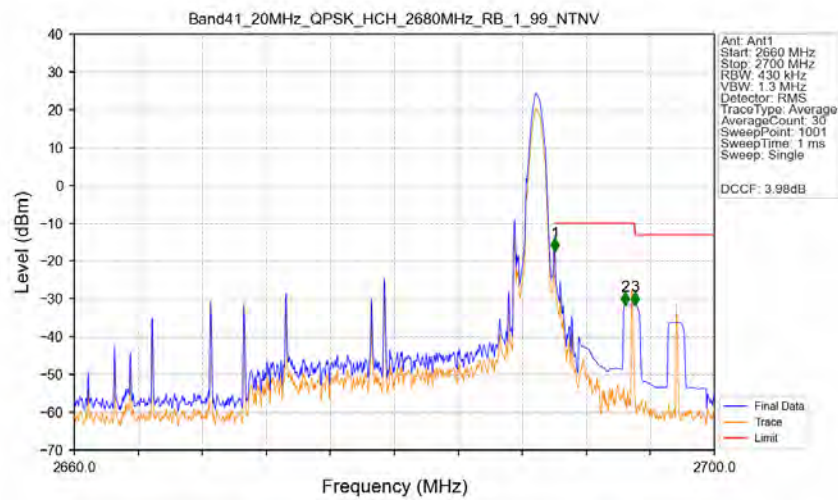
# Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV



# Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV

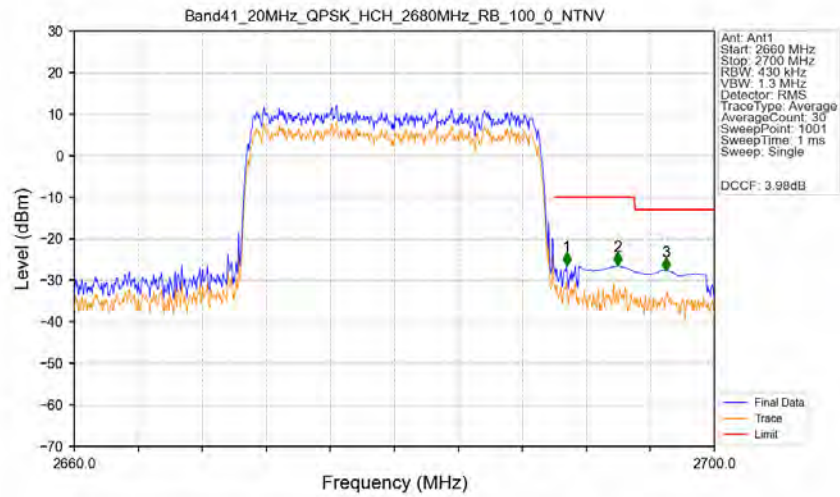


# Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2660        | 2690       | 0.43      | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.43      | /      | 1          | 2690.040   | -17.37      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2694.440   | -31.65      | -10         | Pass   |
| 2695        | 2700       | 1         | CHP    | 3          | 2695.040   | -31.67      | -13         | Pass   |

Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2660        | 2690       | 0.43      | /      | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.43      | /      | 1          | 2690.760   | -26.47      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2693.960   | -26.45      | -10         | Pass   |
| 2695        | 2700       | 1         | CHP    | 3          | 2696.960   | -27.65      | -13         | Pass   |

## 6. Field Strength of Spurious Radiation

| LTE Band 41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                   | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5012.0                                                            | -50.95     | -25         | -25.95          | -56.84           | 4.26            | 10.15              | Horizontal         | Pass   |
| 7518.0                                                            | -51.91     | -25         | -26.91          | -59.45           | 4.22            | 11.76              | Horizontal         | Pass   |
| 10024.0                                                           | -53.08     | -25         | -28.08          | -61.03           | 5.08            | 13.03              | Horizontal         | Pass   |
| 5012.0                                                            | -50.24     | -25         | -25.24          | -56.13           | 4.26            | 10.15              | Vertical           | Pass   |
| 7518.0                                                            | -51.28     | -25         | -26.28          | -58.82           | 4.22            | 11.76              | Vertical           | Pass   |
| 10024.0                                                           | -50.09     | -25         | -25.09          | -58.04           | 5.08            | 13.03              | Vertical           | Pass   |

| LTE Band 41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5186.0                                                               | -51.41     | -25         | -26.41          | -57.42           | 4.25            | 10.26              | Horizontal         | Pass   |
| 7779.0                                                               | -53.54     | -25         | -28.54          | -61.38           | 4.23            | 12.07              | Horizontal         | Pass   |
| 10372.0                                                              | -53.44     | -25         | -28.44          | -61.46           | 5.08            | 13.1               | Horizontal         | Pass   |
| 5186.0                                                               | -51.66     | -25         | -26.66          | -57.67           | 4.25            | 10.26              | Vertical           | Pass   |
| 7779.0                                                               | -54.17     | -25         | -29.17          | -62.01           | 4.23            | 12.07              | Vertical           | Pass   |
| 10372.0                                                              | -47.57     | -25         | -22.57          | -55.59           | 5.08            | 13.1               | Vertical           | Pass   |

| LTE Band 41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                    | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5360.0                                                             | -51.57     | -25         | -26.57          | -57.68           | 4.25            | 10.36              | Horizontal         | Pass   |
| 8040.0                                                             | -53.34     | -25         | -28.34          | -61.47           | 4.25            | 12.38              | Horizontal         | Pass   |
| 10720.0                                                            | -52.77     | -25         | -27.77          | -60.88           | 5.08            | 13.19              | Horizontal         | Pass   |
| 5360.0                                                             | -48.3      | -25         | -23.3           | -54.41           | 4.25            | 10.36              | Vertical           | Pass   |
| 8040.0                                                             | -54.55     | -25         | -29.55          | -62.68           | 4.25            | 12.38              | Vertical           | Pass   |
| 10720.0                                                            | -47.0      | -25         | -22.0           | -55.11           | 5.08            | 13.19              | Vertical           | Pass   |

---End of Attachment---