

## 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      | 25.55                 | 2.60       | 28.15      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.56                 | 2.60       | 28.16      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 25.86                 | 2.60       | 28.46      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 24.64                 | 2.60       | 27.24      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 24.66                 | 2.60       | 27.26      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.60                 | 2.60       | 27.20      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 24.55                 | 2.60       | 27.15      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 26.34                 | 2.60       | 28.94      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 26.49                 | 2.60       | 29.09      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 26.54                 | 2.60       | 29.14      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 25.23                 | 2.60       | 27.83      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 25.44                 | 2.60       | 28.04      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.42                 | 2.60       | 28.02      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 25.23                 | 2.60       | 27.83      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 25.75                 | 2.60       | 28.35      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.71                 | 2.60       | 28.31      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 25.90                 | 2.60       | 28.50      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 24.83                 | 2.60       | 27.43      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 24.61                 | 2.60       | 27.21      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.86                 | 2.60       | 27.46      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 24.64                 | 2.60       | 27.24      | <=33.01 | Pass    |
| 16QAM                             | 2498.5          | 1             | 0      | 24.73                 | 2.60       | 27.33      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.06                 | 2.60       | 27.66      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 24.83                 | 2.60       | 27.43      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 23.64                 | 2.60       | 26.24      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 23.74                 | 2.60       | 26.34      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.76                 | 2.60       | 26.36      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 23.50                 | 2.60       | 26.10      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 25.62                 | 2.60       | 28.22      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 25.62                 | 2.60       | 28.22      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 25.44                 | 2.60       | 28.04      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 24.18                 | 2.60       | 26.78      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 24.21                 | 2.60       | 26.81      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.44                 | 2.60       | 27.04      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 24.20                 | 2.60       | 26.80      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 24.89                 | 2.60       | 27.49      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.76                 | 2.60       | 27.36      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 25.10                 | 2.60       | 27.70      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 23.63                 | 2.60       | 26.23      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 23.65                 | 2.60       | 26.25      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.68                 | 2.60       | 26.28      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 23.65                 | 2.60       | 26.25      | <=33.01 | Pass    |
| 64QAM                             | 2498.5          | 1             | 0      | 23.60                 | 2.60       | 26.20      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.93                 | 2.60       | 26.53      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.71                 | 2.60       | 26.31      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.52                 | 2.60       | 25.12      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.57                 | 2.60       | 25.17      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.78                 | 2.60       | 25.38      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.44                 | 2.60       | 25.04      | <=33.01 | Pass    |

|        |        |    |    |       |      |       |         |      |
|--------|--------|----|----|-------|------|-------|---------|------|
|        | 2593   | 1  | 0  | 24.78 | 2.60 | 27.38 | <=33.01 | Pass |
|        |        |    | 13 | 24.41 | 2.60 | 27.01 | <=33.01 | Pass |
|        |        |    | 24 | 24.42 | 2.60 | 27.02 | <=33.01 | Pass |
|        |        | 12 | 0  | 23.25 | 2.60 | 25.85 | <=33.01 | Pass |
|        |        |    | 6  | 23.47 | 2.60 | 26.07 | <=33.01 | Pass |
|        |        |    | 13 | 23.27 | 2.60 | 25.87 | <=33.01 | Pass |
|        |        | 25 | 0  | 23.17 | 2.60 | 25.77 | <=33.01 | Pass |
|        | 2687.5 | 1  | 0  | 24.10 | 2.60 | 26.70 | <=33.01 | Pass |
|        |        |    | 13 | 24.08 | 2.60 | 26.68 | <=33.01 | Pass |
|        |        |    | 24 | 24.39 | 2.60 | 26.99 | <=33.01 | Pass |
|        |        | 12 | 0  | 22.85 | 2.60 | 25.45 | <=33.01 | Pass |
|        |        |    | 6  | 22.73 | 2.60 | 25.33 | <=33.01 | Pass |
|        |        |    | 13 | 22.74 | 2.60 | 25.34 | <=33.01 | Pass |
|        |        | 25 | 0  | 22.61 | 2.60 | 25.21 | <=33.01 | Pass |
| 256QAM | 2498.5 | 1  | 0  | 20.24 | 2.60 | 22.84 | <=33.01 | Pass |
|        |        |    | 13 | 20.90 | 2.60 | 23.50 | <=33.01 | Pass |
|        |        |    | 24 | 21.06 | 2.60 | 23.66 | <=33.01 | Pass |
|        |        | 12 | 0  | 20.43 | 2.60 | 23.03 | <=33.01 | Pass |
|        |        |    | 6  | 20.38 | 2.60 | 22.98 | <=33.01 | Pass |
|        |        |    | 13 | 20.54 | 2.60 | 23.14 | <=33.01 | Pass |
|        |        | 25 | 0  | 20.43 | 2.60 | 23.03 | <=33.01 | Pass |
|        | 2593   | 1  | 0  | 21.73 | 2.60 | 24.33 | <=33.01 | Pass |
|        |        |    | 13 | 21.68 | 2.60 | 24.28 | <=33.01 | Pass |
|        |        |    | 24 | 21.74 | 2.60 | 24.34 | <=33.01 | Pass |
|        |        | 12 | 0  | 21.11 | 2.60 | 23.71 | <=33.01 | Pass |
|        |        |    | 6  | 21.35 | 2.60 | 23.95 | <=33.01 | Pass |
|        |        |    | 13 | 21.34 | 2.60 | 23.94 | <=33.01 | Pass |
|        |        | 25 | 0  | 21.18 | 2.60 | 23.78 | <=33.01 | Pass |
|        | 2687.5 | 1  | 0  | 20.75 | 2.60 | 23.35 | <=33.01 | Pass |
|        |        |    | 13 | 20.79 | 2.60 | 23.39 | <=33.01 | Pass |
|        |        |    | 24 | 20.75 | 2.60 | 23.35 | <=33.01 | Pass |
|        |        | 12 | 0  | 20.52 | 2.60 | 23.12 | <=33.01 | Pass |
|        |        |    | 6  | 20.83 | 2.60 | 23.43 | <=33.01 | Pass |
|        |        |    | 13 | 20.59 | 2.60 | 23.19 | <=33.01 | Pass |
|        |        | 25 | 0  | 20.60 | 2.60 | 23.20 | <=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      | 25.57                 | 2.60       | 28.17      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.70                 | 2.60       | 28.30      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 26.00                 | 2.60       | 28.60      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 24.76                 | 2.60       | 27.36      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 24.92                 | 2.60       | 27.52      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 24.88                 | 2.60       | 27.48      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 24.84                 | 2.60       | 27.44      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 26.43                 | 2.60       | 29.03      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 26.54                 | 2.60       | 29.14      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 26.33                 | 2.60       | 28.93      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 25.21                 | 2.60       | 27.81      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 25.53                 | 2.60       | 28.13      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 25.28                 | 2.60       | 27.88      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 25.41                 | 2.60       | 28.01      | <=33.01 | Pass    |
|                                    | 2685            | 1             | 0      | 25.78                 | 2.60       | 28.38      | <=33.01 | Pass    |

|        |      |    |    |       |      |       |         |      |
|--------|------|----|----|-------|------|-------|---------|------|
|        |      | 25 | 25 | 26.12 | 2.60 | 28.72 | <=33.01 | Pass |
|        |      |    | 49 | 26.21 | 2.60 | 28.81 | <=33.01 | Pass |
|        |      |    | 0  | 24.73 | 2.60 | 27.33 | <=33.01 | Pass |
|        |      |    | 13 | 24.83 | 2.60 | 27.43 | <=33.01 | Pass |
|        |      |    | 25 | 24.96 | 2.60 | 27.56 | <=33.01 | Pass |
|        |      | 50 | 0  | 24.83 | 2.60 | 27.43 | <=33.01 | Pass |
| 16QAM  | 2501 | 1  | 0  | 24.67 | 2.60 | 27.27 | <=33.01 | Pass |
|        |      |    | 25 | 24.74 | 2.60 | 27.34 | <=33.01 | Pass |
|        |      |    | 49 | 25.19 | 2.60 | 27.79 | <=33.01 | Pass |
|        |      | 25 | 0  | 23.56 | 2.60 | 26.16 | <=33.01 | Pass |
|        |      |    | 13 | 23.69 | 2.60 | 26.29 | <=33.01 | Pass |
|        |      |    | 25 | 23.82 | 2.60 | 26.42 | <=33.01 | Pass |
|        |      | 50 | 0  | 23.85 | 2.60 | 26.45 | <=33.01 | Pass |
|        | 2593 | 1  | 0  | 25.33 | 2.60 | 27.93 | <=33.01 | Pass |
|        |      |    | 25 | 25.44 | 2.60 | 28.04 | <=33.01 | Pass |
|        |      |    | 49 | 25.41 | 2.60 | 28.01 | <=33.01 | Pass |
|        |      | 25 | 0  | 24.37 | 2.60 | 26.97 | <=33.01 | Pass |
|        |      |    | 13 | 24.46 | 2.60 | 27.06 | <=33.01 | Pass |
|        |      |    | 25 | 24.47 | 2.60 | 27.07 | <=33.01 | Pass |
|        |      | 50 | 0  | 24.38 | 2.60 | 26.98 | <=33.01 | Pass |
|        | 2685 | 1  | 0  | 24.83 | 2.60 | 27.43 | <=33.01 | Pass |
|        |      |    | 25 | 25.10 | 2.60 | 27.70 | <=33.01 | Pass |
|        |      |    | 49 | 25.28 | 2.60 | 27.88 | <=33.01 | Pass |
|        |      | 25 | 0  | 23.70 | 2.60 | 26.30 | <=33.01 | Pass |
|        |      |    | 13 | 24.00 | 2.60 | 26.60 | <=33.01 | Pass |
|        |      |    | 25 | 23.93 | 2.60 | 26.53 | <=33.01 | Pass |
|        |      | 50 | 0  | 23.78 | 2.60 | 26.38 | <=33.01 | Pass |
| 64QAM  | 2501 | 1  | 0  | 23.44 | 2.60 | 26.04 | <=33.01 | Pass |
|        |      |    | 25 | 23.65 | 2.60 | 26.25 | <=33.01 | Pass |
|        |      |    | 49 | 23.94 | 2.60 | 26.54 | <=33.01 | Pass |
|        |      | 25 | 0  | 22.69 | 2.60 | 25.29 | <=33.01 | Pass |
|        |      |    | 13 | 22.69 | 2.60 | 25.29 | <=33.01 | Pass |
|        |      |    | 25 | 22.98 | 2.60 | 25.58 | <=33.01 | Pass |
|        |      | 50 | 0  | 22.83 | 2.60 | 25.43 | <=33.01 | Pass |
|        | 2593 | 1  | 0  | 24.24 | 2.60 | 26.84 | <=33.01 | Pass |
|        |      |    | 25 | 24.65 | 2.60 | 27.25 | <=33.01 | Pass |
|        |      |    | 49 | 24.61 | 2.60 | 27.21 | <=33.01 | Pass |
|        |      | 25 | 0  | 23.38 | 2.60 | 25.98 | <=33.01 | Pass |
|        |      |    | 13 | 23.17 | 2.60 | 25.77 | <=33.01 | Pass |
|        |      |    | 25 | 23.18 | 2.60 | 25.78 | <=33.01 | Pass |
|        |      | 50 | 0  | 23.16 | 2.60 | 25.76 | <=33.01 | Pass |
|        | 2685 | 1  | 0  | 23.93 | 2.60 | 26.53 | <=33.01 | Pass |
|        |      |    | 25 | 23.79 | 2.60 | 26.39 | <=33.01 | Pass |
|        |      |    | 49 | 24.20 | 2.60 | 26.80 | <=33.01 | Pass |
|        |      | 25 | 0  | 22.51 | 2.60 | 25.11 | <=33.01 | Pass |
|        |      |    | 13 | 22.81 | 2.60 | 25.41 | <=33.01 | Pass |
|        |      |    | 25 | 22.75 | 2.60 | 25.35 | <=33.01 | Pass |
|        |      | 50 | 0  | 22.87 | 2.60 | 25.47 | <=33.01 | Pass |
| 256QAM | 2501 | 1  | 0  | 20.24 | 2.60 | 22.84 | <=33.01 | Pass |
|        |      |    | 25 | 20.52 | 2.60 | 23.12 | <=33.01 | Pass |
|        |      |    | 49 | 21.32 | 2.60 | 23.92 | <=33.01 | Pass |
|        |      | 25 | 0  | 20.45 | 2.60 | 23.05 | <=33.01 | Pass |
|        |      |    | 13 | 20.81 | 2.60 | 23.41 | <=33.01 | Pass |
|        |      |    | 25 | 20.78 | 2.60 | 23.38 | <=33.01 | Pass |
|        |      | 50 | 0  | 20.80 | 2.60 | 23.40 | <=33.01 | Pass |
|        | 2593 | 1  | 0  | 21.38 | 2.60 | 23.98 | <=33.01 | Pass |
|        |      |    | 25 | 21.36 | 2.60 | 23.96 | <=33.01 | Pass |
|        |      |    | 49 | 21.37 | 2.60 | 23.97 | <=33.01 | Pass |
|        |      | 25 | 0  | 21.18 | 2.60 | 23.78 | <=33.01 | Pass |

|                                          |      |    |    |       |      |       |         |      |
|------------------------------------------|------|----|----|-------|------|-------|---------|------|
|                                          |      |    | 13 | 21.39 | 2.60 | 23.99 | <=33.01 | Pass |
|                                          |      |    | 25 | 21.19 | 2.60 | 23.79 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 21.10 | 2.60 | 23.70 | <=33.01 | Pass |
|                                          | 2685 | 1  | 0  | 20.82 | 2.60 | 23.42 | <=33.01 | Pass |
|                                          |      |    | 25 | 20.86 | 2.60 | 23.46 | <=33.01 | Pass |
|                                          |      |    | 49 | 20.86 | 2.60 | 23.46 | <=33.01 | Pass |
|                                          |      | 25 | 0  | 20.54 | 2.60 | 23.14 | <=33.01 | Pass |
|                                          |      |    | 13 | 20.78 | 2.60 | 23.38 | <=33.01 | Pass |
|                                          |      |    | 25 | 20.75 | 2.60 | 23.35 | <=33.01 | Pass |
|                                          |      | 50 | 0  | 20.61 | 2.60 | 23.21 | <=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      | 25.67                 | 2.60       | 28.27      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 25.99                 | 2.60       | 28.59      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 26.62                 | 2.60       | 29.22      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 24.70                 | 2.60       | 27.30      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 24.99                 | 2.60       | 27.59      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 25.29                 | 2.60       | 27.89      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 24.95                 | 2.60       | 27.55      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 26.41                 | 2.60       | 29.01      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 26.57                 | 2.60       | 29.17      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 26.28                 | 2.60       | 28.88      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 25.18                 | 2.60       | 27.78      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 25.23                 | 2.60       | 27.83      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 25.42                 | 2.60       | 28.02      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 25.25                 | 2.60       | 27.85      | <=33.01 | Pass    |
|                                    | 2682.5          | 1             | 0      | 25.82                 | 2.60       | 28.42      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 25.81                 | 2.60       | 28.41      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 25.78                 | 2.60       | 28.38      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 24.66                 | 2.60       | 27.26      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 24.66                 | 2.60       | 27.26      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 24.81                 | 2.60       | 27.41      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 24.56                 | 2.60       | 27.16      | <=33.01 | Pass    |
| 16QAM                              | 2503.5          | 1             | 0      | 24.62                 | 2.60       | 27.22      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 24.97                 | 2.60       | 27.57      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 25.42                 | 2.60       | 28.02      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 23.69                 | 2.60       | 26.29      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 23.87                 | 2.60       | 26.47      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 24.17                 | 2.60       | 26.77      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 24.05                 | 2.60       | 26.65      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 25.44                 | 2.60       | 28.04      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 25.43                 | 2.60       | 28.03      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 25.58                 | 2.60       | 28.18      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 24.39                 | 2.60       | 26.99      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 24.42                 | 2.60       | 27.02      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 24.28                 | 2.60       | 26.88      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 24.25                 | 2.60       | 26.85      | <=33.01 | Pass    |
|                                    | 2682.5          | 1             | 0      | 24.48                 | 2.60       | 27.08      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 24.46                 | 2.60       | 27.06      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 24.68                 | 2.60       | 27.28      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 23.63                 | 2.60       | 26.23      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 23.65                 | 2.60       | 26.25      | <=33.01 | Pass    |

|        |        |    |    |       |      |       |         |      |
|--------|--------|----|----|-------|------|-------|---------|------|
| 64QAM  |        | 75 | 39 | 23.62 | 2.60 | 26.22 | <=33.01 | Pass |
|        |        |    | 0  | 23.74 | 2.60 | 26.34 | <=33.01 | Pass |
|        | 2503.5 | 1  | 0  | 23.89 | 2.60 | 26.49 | <=33.01 | Pass |
|        |        |    | 38 | 24.24 | 2.60 | 26.84 | <=33.01 | Pass |
|        |        |    | 74 | 24.69 | 2.60 | 27.29 | <=33.01 | Pass |
|        |        | 36 | 0  | 22.64 | 2.60 | 25.24 | <=33.01 | Pass |
|        |        |    | 18 | 22.95 | 2.60 | 25.55 | <=33.01 | Pass |
|        |        |    | 39 | 23.26 | 2.60 | 25.86 | <=33.01 | Pass |
|        |        | 75 | 0  | 22.95 | 2.60 | 25.55 | <=33.01 | Pass |
|        | 2593   | 1  | 0  | 24.50 | 2.60 | 27.10 | <=33.01 | Pass |
|        |        |    | 38 | 24.64 | 2.60 | 27.24 | <=33.01 | Pass |
|        |        |    | 74 | 24.25 | 2.60 | 26.85 | <=33.01 | Pass |
|        |        | 36 | 0  | 23.16 | 2.60 | 25.76 | <=33.01 | Pass |
|        |        |    | 18 | 23.42 | 2.60 | 26.02 | <=33.01 | Pass |
|        |        |    | 39 | 23.40 | 2.60 | 26.00 | <=33.01 | Pass |
|        |        | 75 | 0  | 23.21 | 2.60 | 25.81 | <=33.01 | Pass |
|        | 2682.5 | 1  | 0  | 23.93 | 2.60 | 26.53 | <=33.01 | Pass |
|        |        |    | 38 | 23.93 | 2.60 | 26.53 | <=33.01 | Pass |
|        |        |    | 74 | 24.11 | 2.60 | 26.71 | <=33.01 | Pass |
|        |        | 36 | 0  | 22.42 | 2.60 | 25.02 | <=33.01 | Pass |
|        |        |    | 18 | 22.63 | 2.60 | 25.23 | <=33.01 | Pass |
|        |        |    | 39 | 22.62 | 2.60 | 25.22 | <=33.01 | Pass |
|        |        | 75 | 0  | 22.73 | 2.60 | 25.33 | <=33.01 | Pass |
| 256QAM | 2503.5 | 1  | 0  | 20.56 | 2.60 | 23.16 | <=33.01 | Pass |
|        |        |    | 38 | 20.85 | 2.60 | 23.45 | <=33.01 | Pass |
|        |        |    | 74 | 21.59 | 2.60 | 24.19 | <=33.01 | Pass |
|        |        | 36 | 0  | 20.74 | 2.60 | 23.34 | <=33.01 | Pass |
|        |        |    | 18 | 20.72 | 2.60 | 23.32 | <=33.01 | Pass |
|        |        |    | 39 | 21.08 | 2.60 | 23.68 | <=33.01 | Pass |
|        |        | 75 | 0  | 20.82 | 2.60 | 23.42 | <=33.01 | Pass |
|        | 2593   | 1  | 0  | 21.09 | 2.60 | 23.69 | <=33.01 | Pass |
|        |        |    | 38 | 21.37 | 2.60 | 23.97 | <=33.01 | Pass |
|        |        |    | 74 | 21.52 | 2.60 | 24.12 | <=33.01 | Pass |
|        |        | 36 | 0  | 21.33 | 2.60 | 23.93 | <=33.01 | Pass |
|        |        |    | 18 | 21.37 | 2.60 | 23.97 | <=33.01 | Pass |
|        |        |    | 39 | 21.18 | 2.60 | 23.78 | <=33.01 | Pass |
|        |        | 75 | 0  | 21.35 | 2.60 | 23.95 | <=33.01 | Pass |
|        | 2682.5 | 1  | 0  | 20.55 | 2.60 | 23.15 | <=33.01 | Pass |
|        |        |    | 38 | 20.67 | 2.60 | 23.27 | <=33.01 | Pass |
|        |        |    | 74 | 20.77 | 2.60 | 23.37 | <=33.01 | Pass |
|        |        | 36 | 0  | 20.43 | 2.60 | 23.03 | <=33.01 | Pass |
|        |        |    | 18 | 20.57 | 2.60 | 23.17 | <=33.01 | Pass |
|        |        |    | 39 | 20.76 | 2.60 | 23.36 | <=33.01 | Pass |
|        |        | 75 | 0  | 20.69 | 2.60 | 23.29 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.4 B41\_20MHz\_EIRP

| Band: 41 / Bandwidth: 20MHz / NTV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2506            | 1             | 0      | 25.67                 | 2.60       | 28.27      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 26.13                 | 2.60       | 28.73      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 26.82                 | 2.60       | 29.42      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 24.93                 | 2.60       | 27.53      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 25.11                 | 2.60       | 27.71      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 25.42                 | 2.60       | 28.02      | <=33.01 | Pass    |

|        |       |       |       |       |         |         |         |         |
|--------|-------|-------|-------|-------|---------|---------|---------|---------|
|        |       | 100   | 0     | 25.11 | 2.60    | 27.71   | <=33.01 | Pass    |
|        | 2593  | 1     | 0     | 26.38 | 2.60    | 28.98   | <=33.01 | Pass    |
|        |       |       | 50    | 26.31 | 2.60    | 28.91   | <=33.01 | Pass    |
|        |       |       | 99    | 26.31 | 2.60    | 28.91   | <=33.01 | Pass    |
|        |       |       | 0     | 25.42 | 2.60    | 28.02   | <=33.01 | Pass    |
|        |       | 50    | 25    | 25.46 | 2.60    | 28.06   | <=33.01 | Pass    |
|        |       |       | 50    | 25.52 | 2.60    | 28.12   | <=33.01 | Pass    |
|        | 100   | 0     | 25.24 | 2.60  | 27.84   | <=33.01 | Pass    |         |
|        | 2680  | 1     | 0     | 25.87 | 2.60    | 28.47   | <=33.01 | Pass    |
|        |       |       | 50    | 25.64 | 2.60    | 28.24   | <=33.01 | Pass    |
|        |       |       | 99    | 25.74 | 2.60    | 28.34   | <=33.01 | Pass    |
|        |       |       | 0     | 24.76 | 2.60    | 27.36   | <=33.01 | Pass    |
|        |       | 50    | 25    | 24.70 | 2.60    | 27.30   | <=33.01 | Pass    |
|        |       |       | 50    | 24.63 | 2.60    | 27.23   | <=33.01 | Pass    |
|        |       |       | 100   | 0     | 24.79   | 2.60    | 27.39   | <=33.01 |
|        |       | 16QAM | 2506  | 1     | 0       | 24.72   | 2.60    | 27.32   |
| 50     | 25.06 |       |       |       | 2.60    | 27.66   | <=33.01 | Pass    |
| 99     | 25.90 |       |       |       | 2.60    | 28.50   | <=33.01 | Pass    |
| 50     | 0     |       |       | 23.96 | 2.60    | 26.56   | <=33.01 | Pass    |
|        | 25    |       |       | 24.09 | 2.60    | 26.69   | <=33.01 | Pass    |
|        | 50    |       |       | 24.43 | 2.60    | 27.03   | <=33.01 | Pass    |
| 100    | 0     |       |       | 24.09 | 2.60    | 26.69   | <=33.01 | Pass    |
| 2593   | 1     |       | 0     | 25.25 | 2.60    | 27.85   | <=33.01 | Pass    |
|        |       |       | 50    | 25.93 | 2.60    | 28.53   | <=33.01 | Pass    |
|        |       |       | 99    | 25.33 | 2.60    | 27.93   | <=33.01 | Pass    |
|        | 50    |       | 0     | 24.39 | 2.60    | 26.99   | <=33.01 | Pass    |
|        |       |       | 25    | 24.22 | 2.60    | 26.82   | <=33.01 | Pass    |
|        |       |       | 50    | 24.28 | 2.60    | 26.88   | <=33.01 | Pass    |
|        | 100   |       | 0     | 24.23 | 2.60    | 26.83   | <=33.01 | Pass    |
| 2680   | 1     |       | 0     | 25.03 | 2.60    | 27.63   | <=33.01 | Pass    |
|        |       |       | 50    | 24.63 | 2.60    | 27.23   | <=33.01 | Pass    |
|        |       |       | 99    | 24.80 | 2.60    | 27.40   | <=33.01 | Pass    |
|        | 50    |       | 0     | 23.78 | 2.60    | 26.38   | <=33.01 | Pass    |
|        |       |       | 25    | 23.43 | 2.60    | 26.03   | <=33.01 | Pass    |
|        |       |       | 50    | 23.82 | 2.60    | 26.42   | <=33.01 | Pass    |
|        | 100   |       | 0     | 23.54 | 2.60    | 26.14   | <=33.01 | Pass    |
| 64QAM  | 2506  | 1     | 0     | 23.66 | 2.60    | 26.26   | <=33.01 | Pass    |
|        |       |       | 50    | 24.20 | 2.60    | 26.80   | <=33.01 | Pass    |
|        |       |       | 99    | 24.85 | 2.60    | 27.45   | <=33.01 | Pass    |
|        |       | 50    | 0     | 22.89 | 2.60    | 25.49   | <=33.01 | Pass    |
|        |       |       | 25    | 23.08 | 2.60    | 25.68   | <=33.01 | Pass    |
|        |       |       | 50    | 23.55 | 2.60    | 26.15   | <=33.01 | Pass    |
|        |       | 100   | 0     | 23.24 | 2.60    | 25.84   | <=33.01 | Pass    |
|        | 2593  | 1     | 0     | 24.23 | 2.60    | 26.83   | <=33.01 | Pass    |
|        |       |       | 50    | 24.47 | 2.60    | 27.07   | <=33.01 | Pass    |
|        |       |       | 99    | 24.25 | 2.60    | 26.85   | <=33.01 | Pass    |
|        |       | 50    | 0     | 23.15 | 2.60    | 25.75   | <=33.01 | Pass    |
|        |       |       | 25    | 23.31 | 2.60    | 25.91   | <=33.01 | Pass    |
|        |       |       | 50    | 23.45 | 2.60    | 26.05   | <=33.01 | Pass    |
|        |       | 100   | 0     | 23.38 | 2.60    | 25.98   | <=33.01 | Pass    |
|        | 2680  | 1     | 0     | 23.83 | 2.60    | 26.43   | <=33.01 | Pass    |
|        |       |       | 50    | 23.43 | 2.60    | 26.03   | <=33.01 | Pass    |
|        |       |       | 99    | 23.88 | 2.60    | 26.48   | <=33.01 | Pass    |
|        |       | 50    | 0     | 22.77 | 2.60    | 25.37   | <=33.01 | Pass    |
|        |       |       | 25    | 22.63 | 2.60    | 25.23   | <=33.01 | Pass    |
|        |       |       | 50    | 22.62 | 2.60    | 25.22   | <=33.01 | Pass    |
|        |       | 100   | 0     | 22.74 | 2.60    | 25.34   | <=33.01 | Pass    |
| 256QAM | 2506  | 1     | 0     | 20.42 | 2.60    | 23.02   | <=33.01 | Pass    |
| 50     | 21.57 |       | 2.60  | 24.17 | <=33.01 | Pass    |         |         |

|                                          |      |     |    |       |      |       |         |      |
|------------------------------------------|------|-----|----|-------|------|-------|---------|------|
|                                          |      |     | 99 | 22.12 | 2.60 | 24.72 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 20.63 | 2.60 | 23.23 | <=33.01 | Pass |
|                                          |      |     | 25 | 20.99 | 2.60 | 23.59 | <=33.01 | Pass |
|                                          |      |     | 50 | 21.31 | 2.60 | 23.91 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 21.16 | 2.60 | 23.76 | <=33.01 | Pass |
|                                          | 2593 | 1   | 0  | 21.59 | 2.60 | 24.19 | <=33.01 | Pass |
|                                          |      |     | 50 | 21.07 | 2.60 | 23.67 | <=33.01 | Pass |
|                                          |      |     | 99 | 21.03 | 2.60 | 23.63 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 21.30 | 2.60 | 23.90 | <=33.01 | Pass |
|                                          |      |     | 25 | 21.15 | 2.60 | 23.75 | <=33.01 | Pass |
|                                          |      |     | 50 | 21.21 | 2.60 | 23.81 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 21.38 | 2.60 | 23.98 | <=33.01 | Pass |
|                                          | 2680 | 1   | 0  | 21.25 | 2.60 | 23.85 | <=33.01 | Pass |
|                                          |      |     | 50 | 20.73 | 2.60 | 23.33 | <=33.01 | Pass |
|                                          |      |     | 99 | 20.65 | 2.60 | 23.25 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 20.71 | 2.60 | 23.31 | <=33.01 | Pass |
|                                          |      |     | 25 | 20.63 | 2.60 | 23.23 | <=33.01 | Pass |
|                                          |      |     | 50 | 20.76 | 2.60 | 23.36 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 20.55 | 2.60 | 23.15 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |      |     |    |       |      |       |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B41\_5MHz

| Band: 41 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2593            | 25            | 0      | 20         | 3.27          | -10.306          | -0.0040               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -5.017           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.764           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -2.045           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -1.670           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 2.480            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -2.038           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.296           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 1.705            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -0.227           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -2.026           | -0.0008               | -2.5 to 2.5 | Pass    |

#### 2.1.2 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 2593            | 50            | 0      | 20         | 3.27          | -4.041           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.696           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 2.131            | 0.0008                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 2.464            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.189            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.446            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 1.484            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 5.536            | 0.0021                | -2.5 to 2.5 | Pass    |

|  |  |  |  |    |      |        |         |             |      |
|--|--|--|--|----|------|--------|---------|-------------|------|
|  |  |  |  | 30 | 3.85 | 1.528  | 0.0006  | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | 0.339  | 0.0001  | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | -0.677 | -0.0003 | -2.5 to 2.5 | Pass |

### 2.1.3 B41\_15MHz

| Band: 41 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 2593            | 75            | 0      | 20         | 3.27          | -4.884           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 1.967            | 0.0008                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.240           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -1.780           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -2.101           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.053            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 3.938            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 2.750            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 6.979            | 0.0027                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -0.547           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 2.921            | 0.0011                | -2.5 to 2.5 | Pass    |

### 2.1.4 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                        | 2593            | 100           | 0      | 20         | 3.27          | -6.419           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.412            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 2.379            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 0.939            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 1.403            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 1.420            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -1.973           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.522           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -2.320           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -0.595           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.136           | -0.0001               | -2.5 to 2.5 | 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      | 4.508                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.509                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.519                        | /     | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 4.506                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.504                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.509                        | /     | Pass    |

|    |        |        |     |   |        |   |      |
|----|--------|--------|-----|---|--------|---|------|
| 10 | 64QAM  | 2498.5 | 25  | 0 | 4.508  | / | Pass |
|    |        | 2593   | 25  | 0 | 4.514  | / | Pass |
|    |        | 2687.5 | 25  | 0 | 4.520  | / | Pass |
|    | 256QAM | 2498.5 | 25  | 0 | 4.518  | / | Pass |
|    |        | 2593   | 25  | 0 | 4.514  | / | Pass |
|    |        | 2687.5 | 25  | 0 | 4.529  | / | Pass |
|    | QPSK   | 2501   | 50  | 0 | 9.024  | / | Pass |
|    |        | 2593   | 50  | 0 | 9.011  | / | Pass |
|    |        | 2685   | 50  | 0 | 9.007  | / | Pass |
| 15 | 16QAM  | 2501   | 50  | 0 | 8.979  | / | Pass |
|    |        | 2593   | 50  | 0 | 8.975  | / | Pass |
|    |        | 2685   | 50  | 0 | 9.012  | / | Pass |
|    | 64QAM  | 2501   | 50  | 0 | 9.008  | / | Pass |
|    |        | 2593   | 50  | 0 | 8.987  | / | Pass |
|    |        | 2685   | 50  | 0 | 9.021  | / | Pass |
|    | 256QAM | 2501   | 50  | 0 | 9.014  | / | Pass |
|    |        | 2593   | 50  | 0 | 9.015  | / | Pass |
|    |        | 2685   | 50  | 0 | 9.017  | / | Pass |
| 20 | QPSK   | 2503.5 | 75  | 0 | 13.520 | / | Pass |
|    |        | 2593   | 75  | 0 | 13.513 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 13.493 | / | Pass |
|    | 16QAM  | 2503.5 | 75  | 0 | 13.514 | / | Pass |
|    |        | 2593   | 75  | 0 | 13.506 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 13.545 | / | Pass |
|    | 64QAM  | 2503.5 | 75  | 0 | 13.505 | / | Pass |
|    |        | 2593   | 75  | 0 | 13.507 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 13.500 | / | Pass |
|    | 256QAM | 2503.5 | 75  | 0 | 13.512 | / | Pass |
|    |        | 2593   | 75  | 0 | 13.484 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 13.491 | / | Pass |
|    | QPSK   | 2506   | 100 | 0 | 18.067 | / | Pass |
|    |        | 2593   | 100 | 0 | 18.126 | / | Pass |
|    |        | 2680   | 100 | 0 | 18.017 | / | Pass |
|    | 16QAM  | 2506   | 100 | 0 | 18.073 | / | Pass |
|    |        | 2593   | 100 | 0 | 18.035 | / | Pass |
|    |        | 2680   | 100 | 0 | 18.086 | / | Pass |
|    | 64QAM  | 2506   | 100 | 0 | 18.021 | / | Pass |
|    |        | 2593   | 100 | 0 | 18.042 | / | Pass |
|    |        | 2680   | 100 | 0 | 18.050 | / | Pass |
|    | 256QAM | 2506   | 100 | 0 | 18.098 | / | Pass |
|    |        | 2593   | 100 | 0 | 18.092 | / | Pass |
|    |        | 2680   | 100 | 0 | 18.034 | / | Pass |

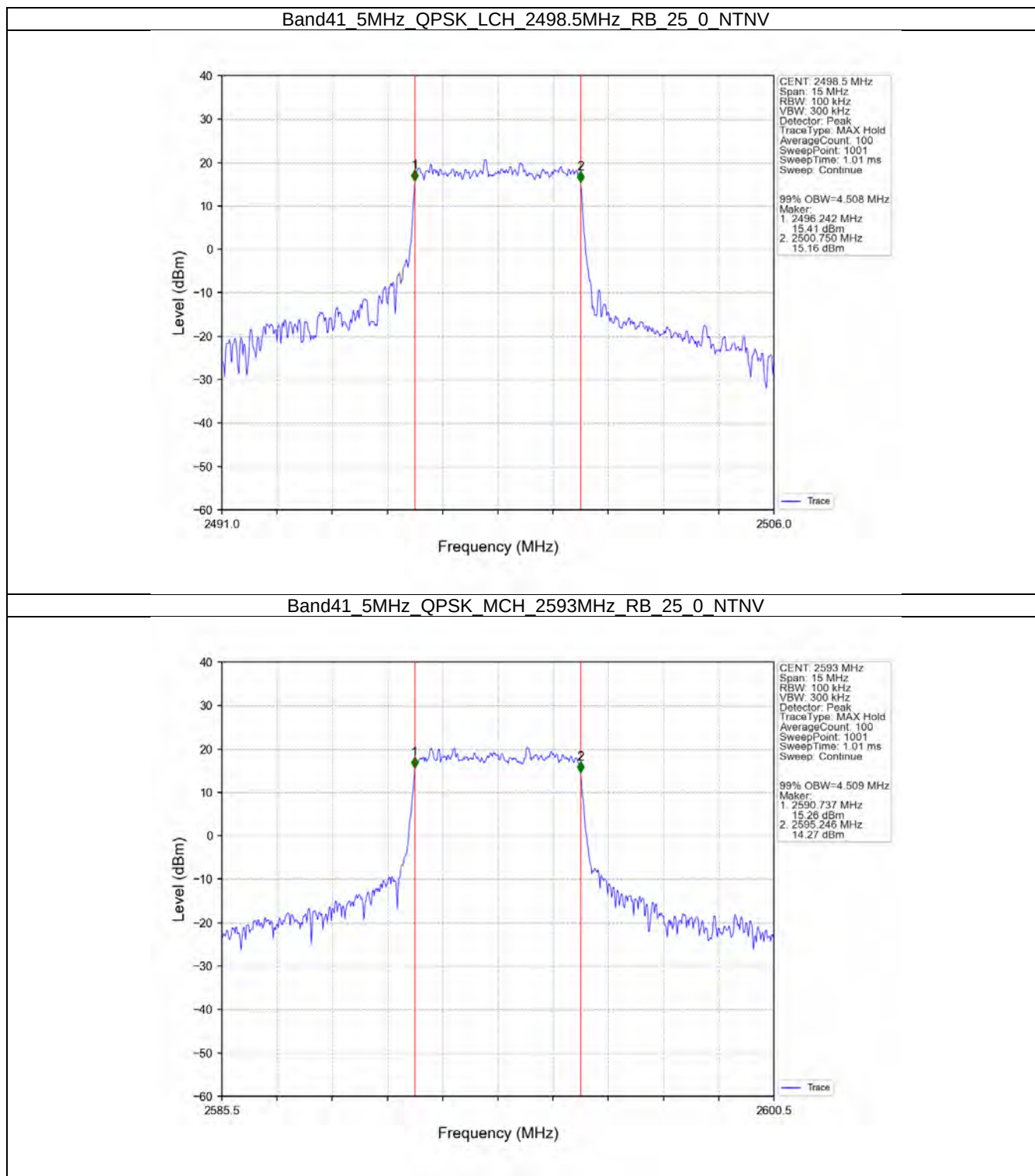
## 3.1.2 Band41\_XDB

| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 5.047                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.048                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.099                | /     | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 5.051                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.218                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.006                | /     | Pass    |
|                 | 64QAM      | 2498.5          | 25            | 0      | 5.072                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.113                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.160                | /     | Pass    |

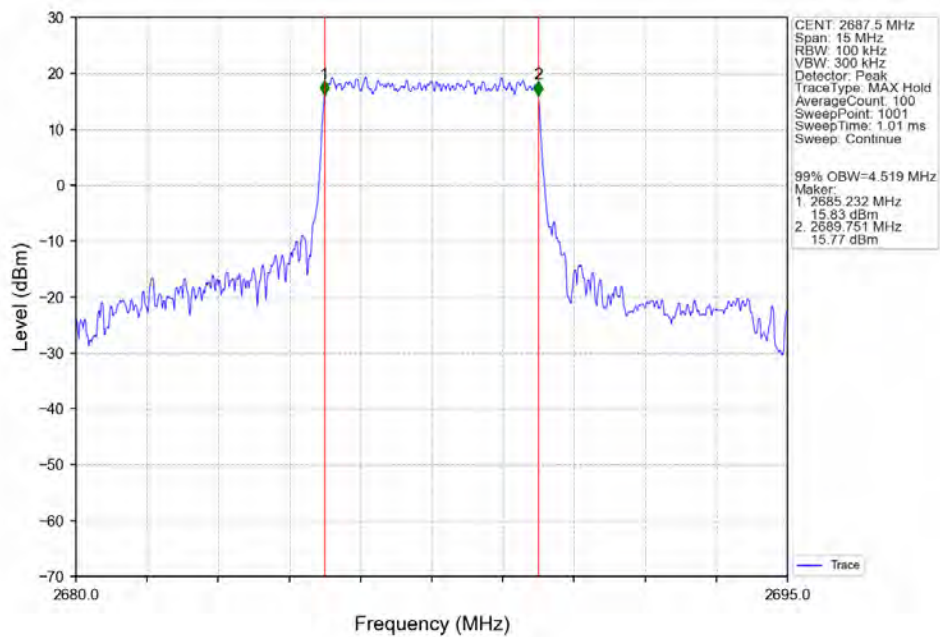
|    |        |        |     |   |        |   |      |
|----|--------|--------|-----|---|--------|---|------|
|    | 256QAM | 2498.5 | 25  | 0 | 4.980  | / | Pass |
|    |        | 2593   | 25  | 0 | 4.974  | / | Pass |
|    |        | 2687.5 | 25  | 0 | 5.361  | / | Pass |
| 10 | QPSK   | 2501   | 50  | 0 | 10.404 | / | Pass |
|    |        | 2593   | 50  | 0 | 9.987  | / | Pass |
|    |        | 2685   | 50  | 0 | 9.885  | / | Pass |
|    | 16QAM  | 2501   | 50  | 0 | 9.763  | / | Pass |
|    |        | 2593   | 50  | 0 | 9.755  | / | Pass |
|    |        | 2685   | 50  | 0 | 10.156 | / | Pass |
|    | 64QAM  | 2501   | 50  | 0 | 9.695  | / | Pass |
|    |        | 2593   | 50  | 0 | 9.793  | / | Pass |
|    |        | 2685   | 50  | 0 | 10.142 | / | Pass |
|    | 256QAM | 2501   | 50  | 0 | 9.902  | / | Pass |
|    |        | 2593   | 50  | 0 | 10.002 | / | Pass |
|    |        | 2685   | 50  | 0 | 11.043 | / | Pass |
| 15 | QPSK   | 2503.5 | 75  | 0 | 15.811 | / | Pass |
|    |        | 2593   | 75  | 0 | 15.912 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 15.090 | / | Pass |
|    | 16QAM  | 2503.5 | 75  | 0 | 14.712 | / | Pass |
|    |        | 2593   | 75  | 0 | 15.169 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 15.070 | / | Pass |
|    | 64QAM  | 2503.5 | 75  | 0 | 15.069 | / | Pass |
|    |        | 2593   | 75  | 0 | 14.874 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 15.568 | / | Pass |
|    | 256QAM | 2503.5 | 75  | 0 | 15.092 | / | Pass |
|    |        | 2593   | 75  | 0 | 15.053 | / | Pass |
|    |        | 2682.5 | 75  | 0 | 15.287 | / | Pass |
| 20 | QPSK   | 2506   | 100 | 0 | 20.664 | / | Pass |
|    |        | 2593   | 100 | 0 | 20.927 | / | Pass |
|    |        | 2680   | 100 | 0 | 20.241 | / | Pass |
|    | 16QAM  | 2506   | 100 | 0 | 19.491 | / | Pass |
|    |        | 2593   | 100 | 0 | 20.768 | / | Pass |
|    |        | 2680   | 100 | 0 | 20.695 | / | Pass |
|    | 64QAM  | 2506   | 100 | 0 | 19.701 | / | Pass |
|    |        | 2593   | 100 | 0 | 20.354 | / | Pass |
|    |        | 2680   | 100 | 0 | 19.446 | / | Pass |
|    | 256QAM | 2506   | 100 | 0 | 20.102 | / | Pass |
|    |        | 2593   | 100 | 0 | 21.525 | / | Pass |
|    |        | 2680   | 100 | 0 | 21.016 | / | Pass |

## 3.2 Test Graph

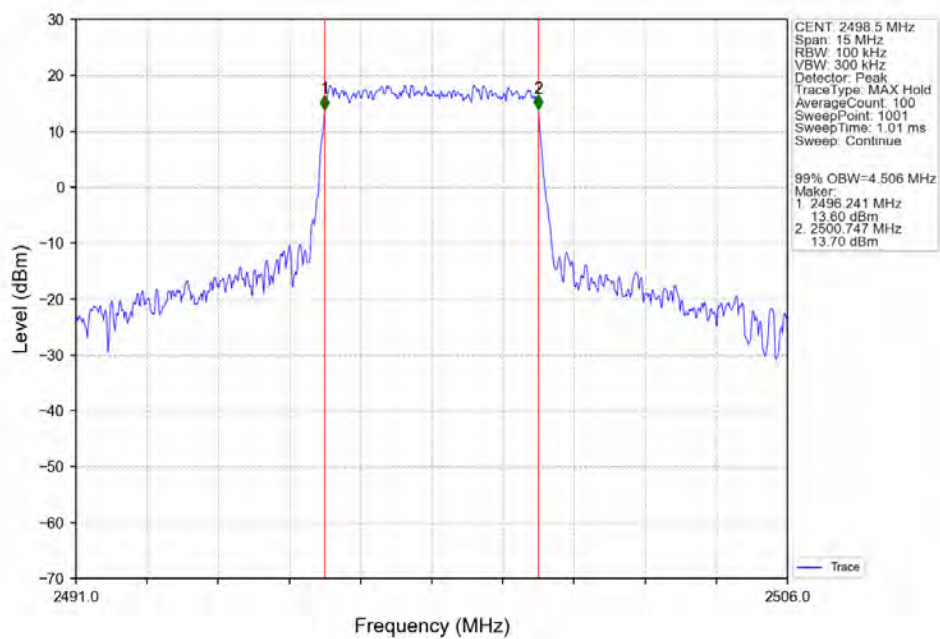
### 3.2.1 Band41\_OBW



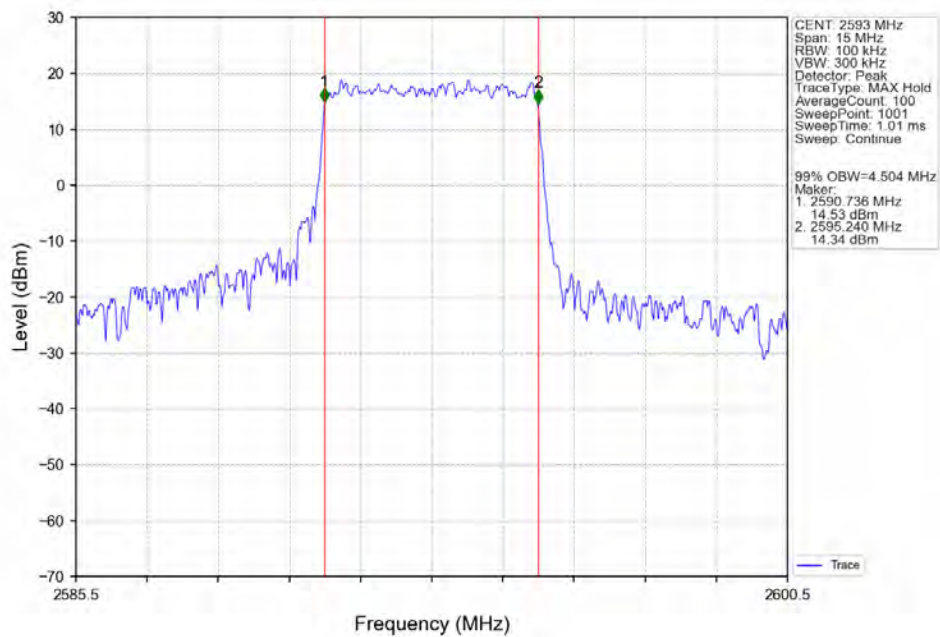
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



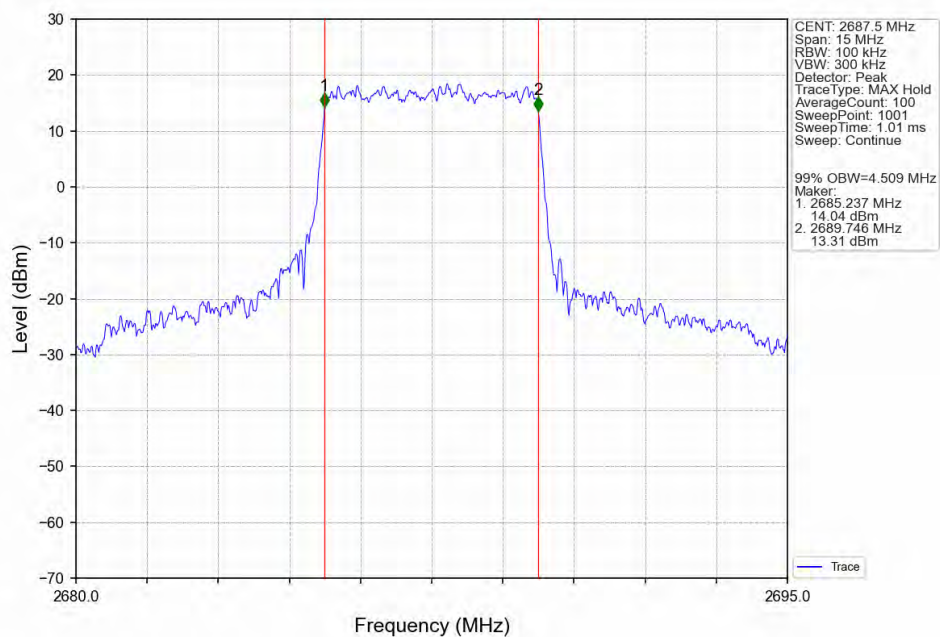
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



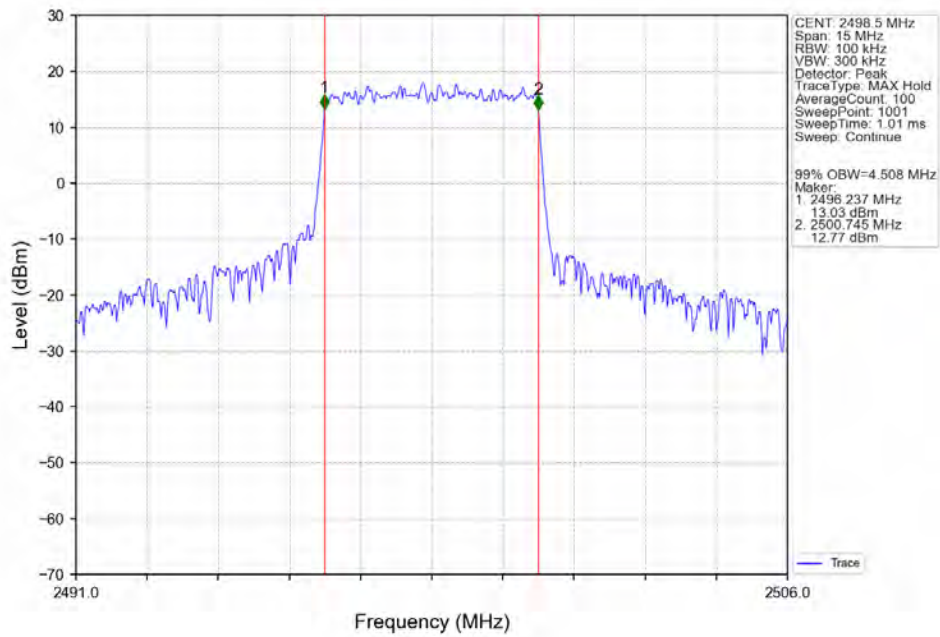
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



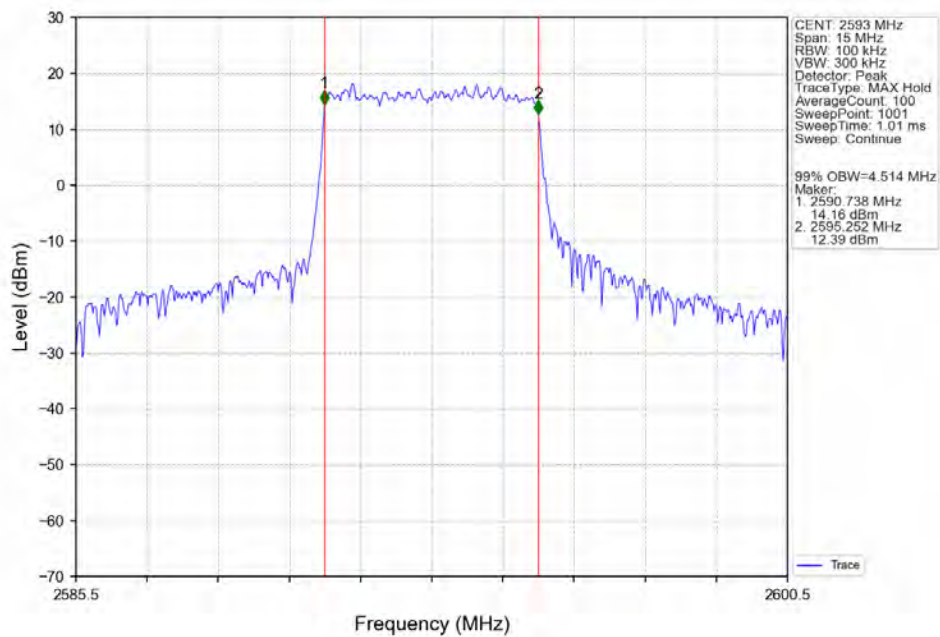
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



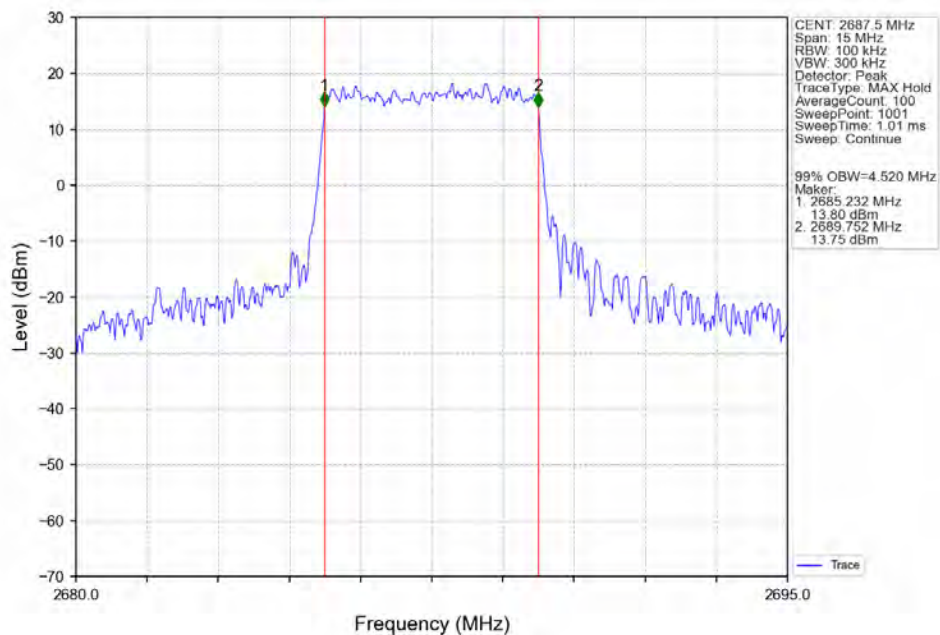
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



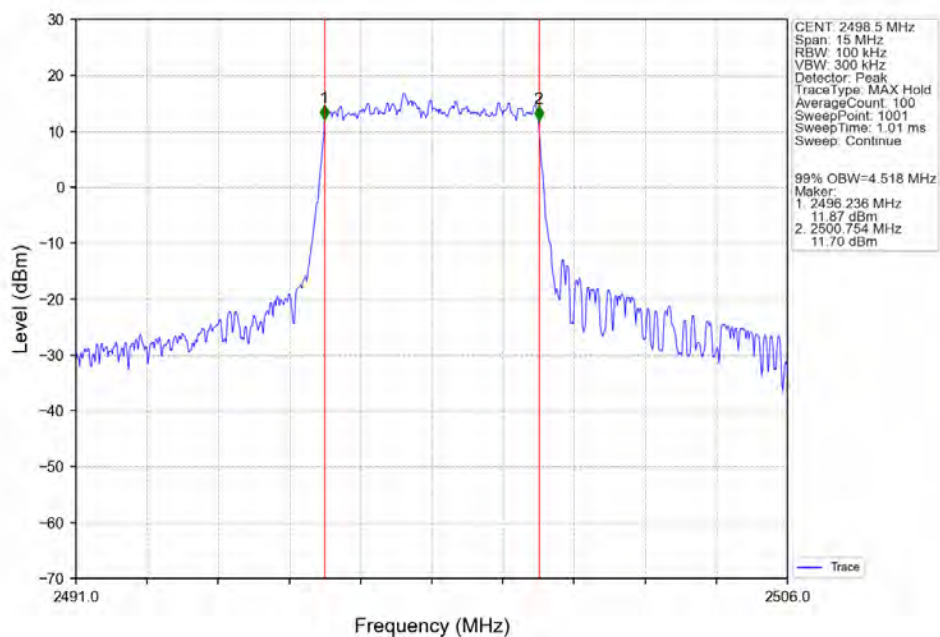
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



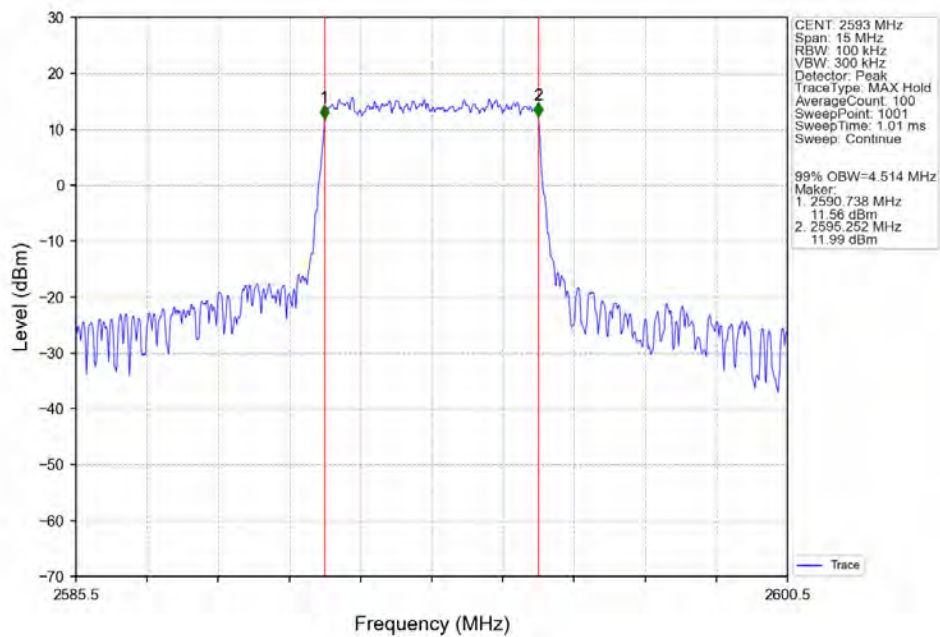
Band41 5MHz 64QAM HCH 2687.5MHz RB 25 0 NTNV



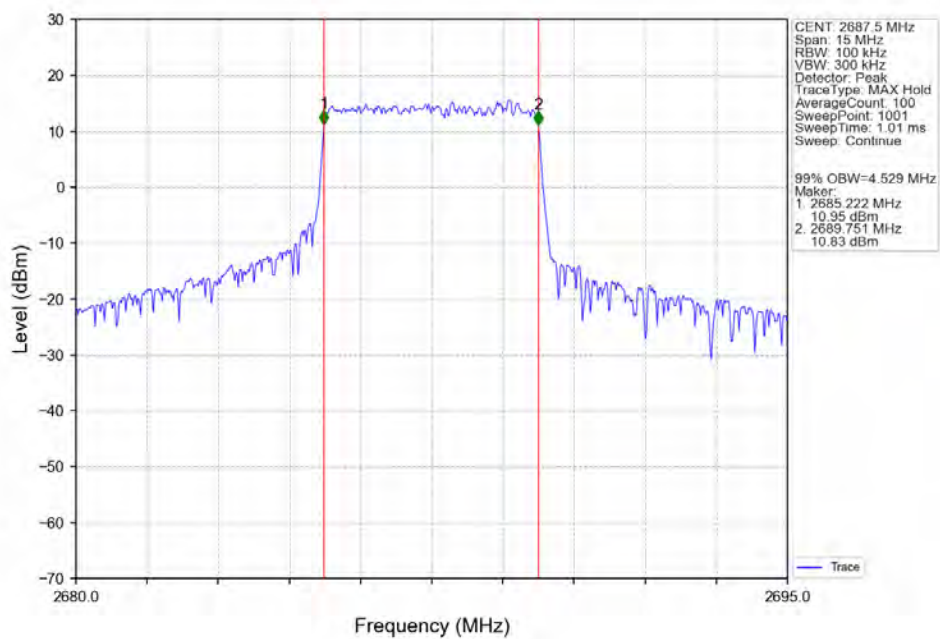
Band41 5MHz 256QAM LCH 2498.5MHz RB 25 0 NTNV



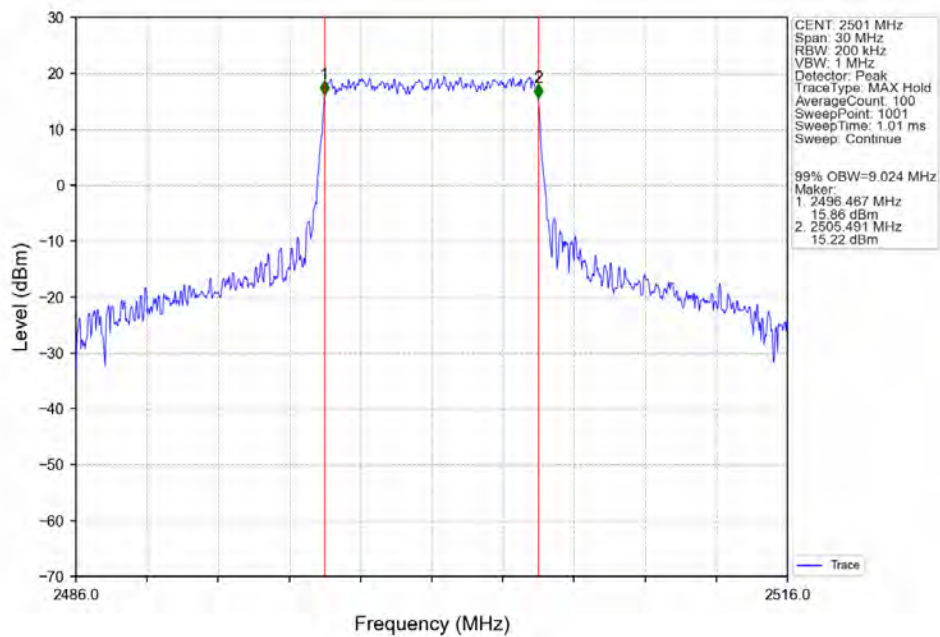
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



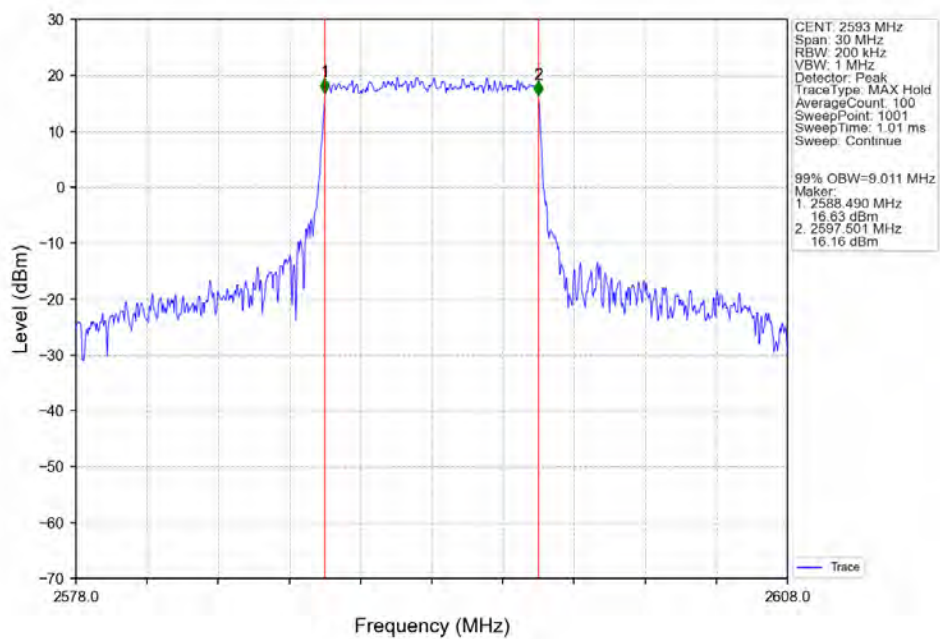
Band41 5MHz 256QAM HCH 2687.5MHz RB 25 0 NTNV



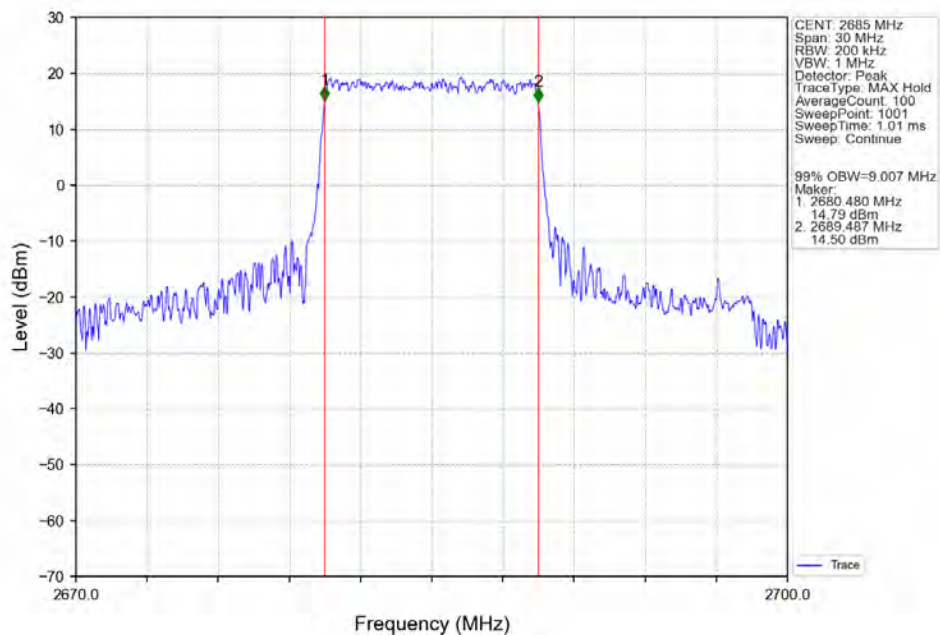
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV



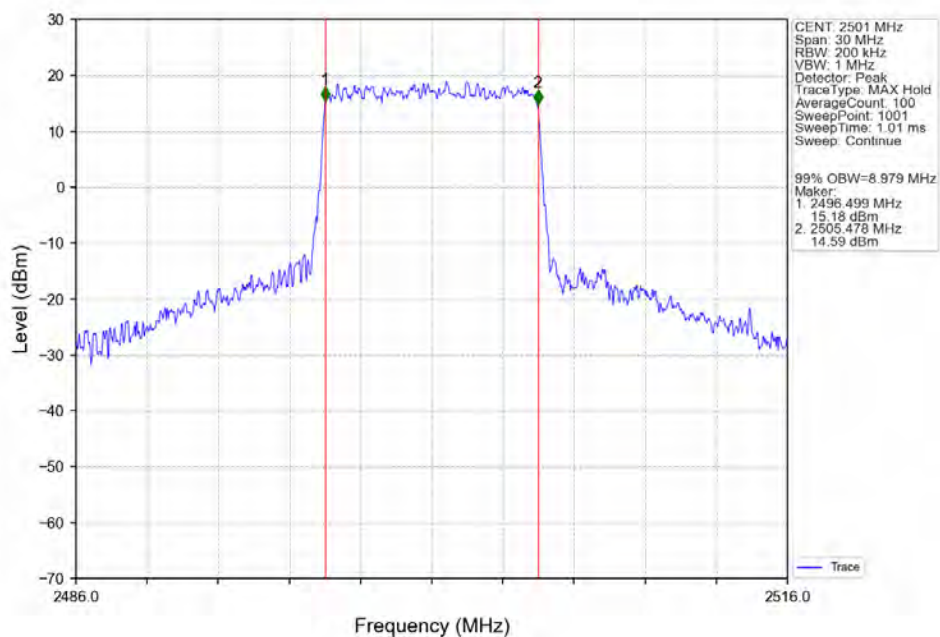
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



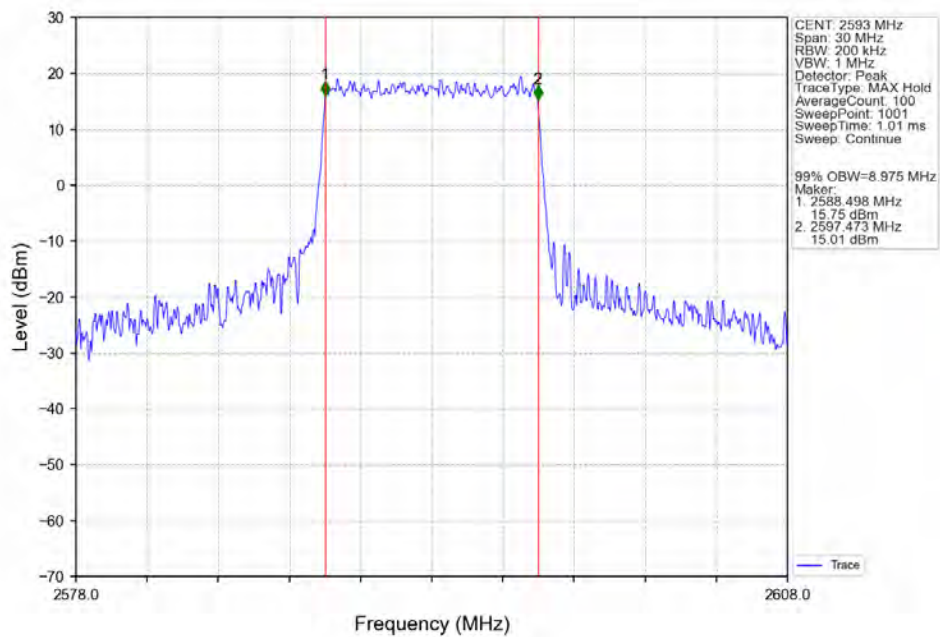
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



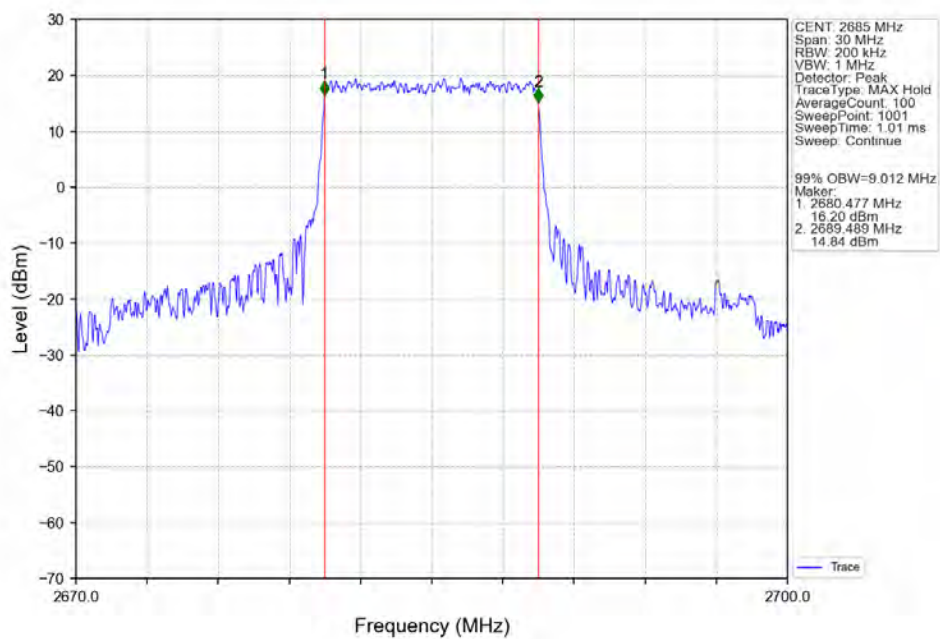
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



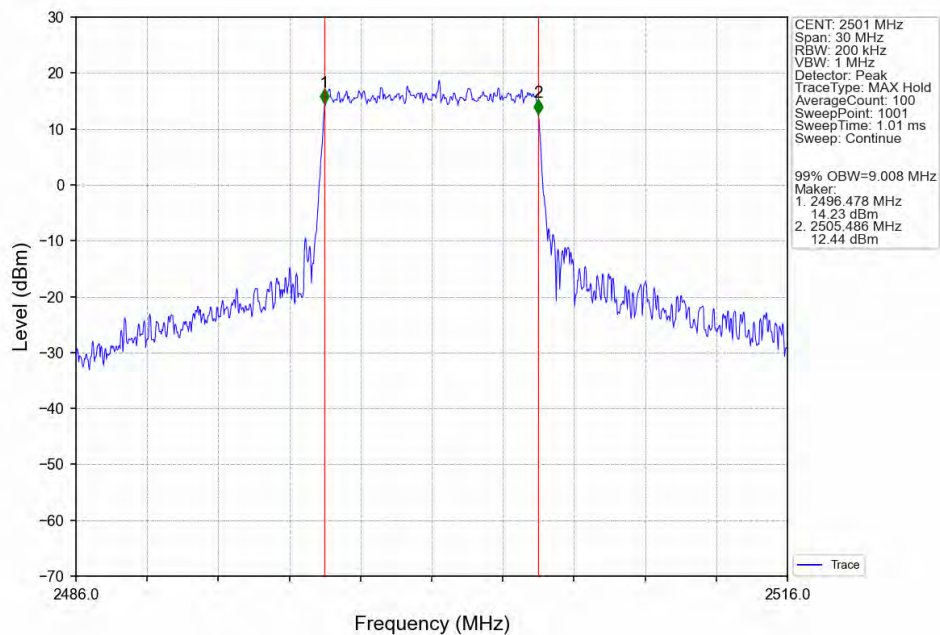
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



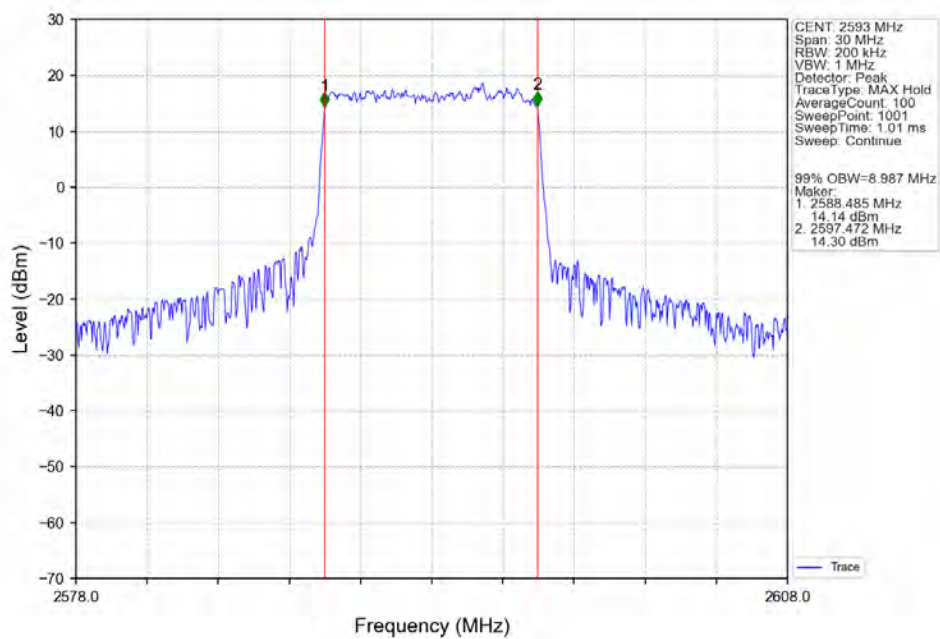
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



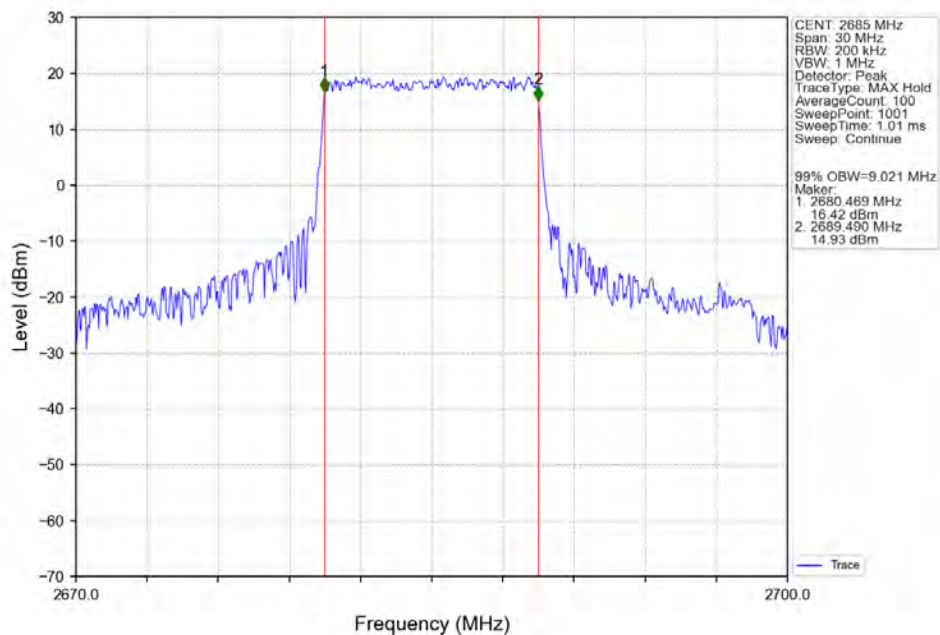
Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTNV



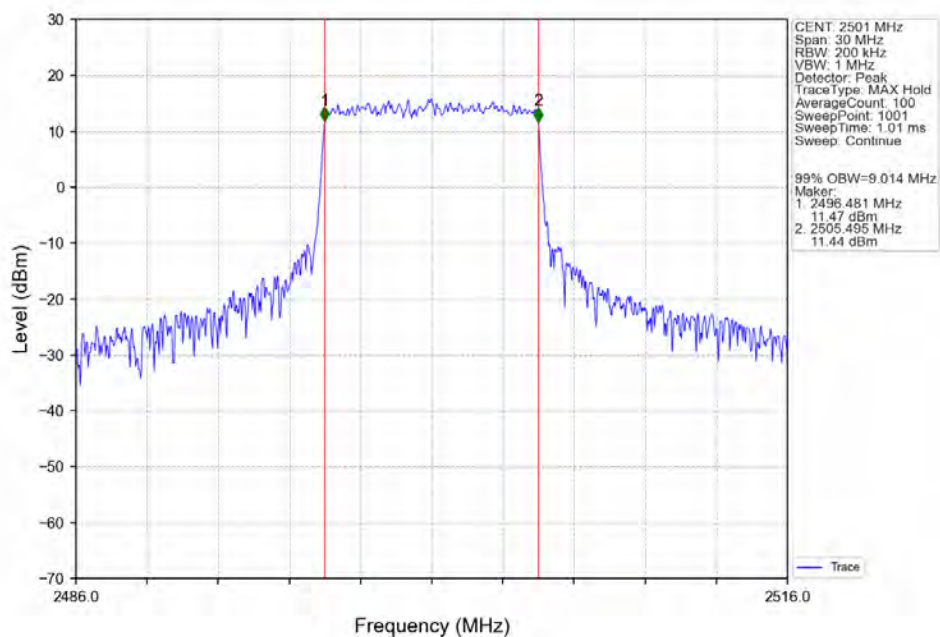
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



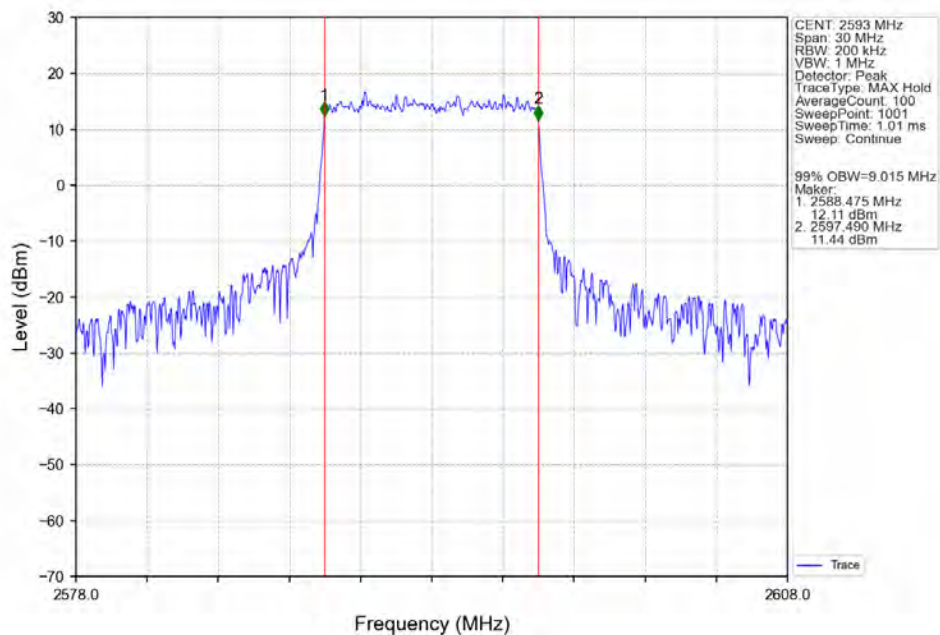
Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTNV



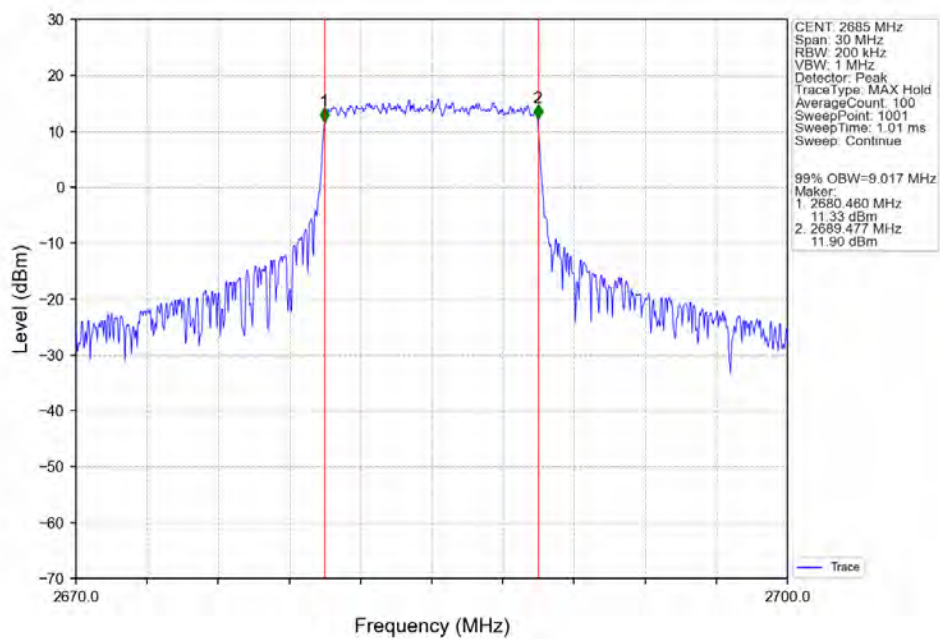
Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTNV



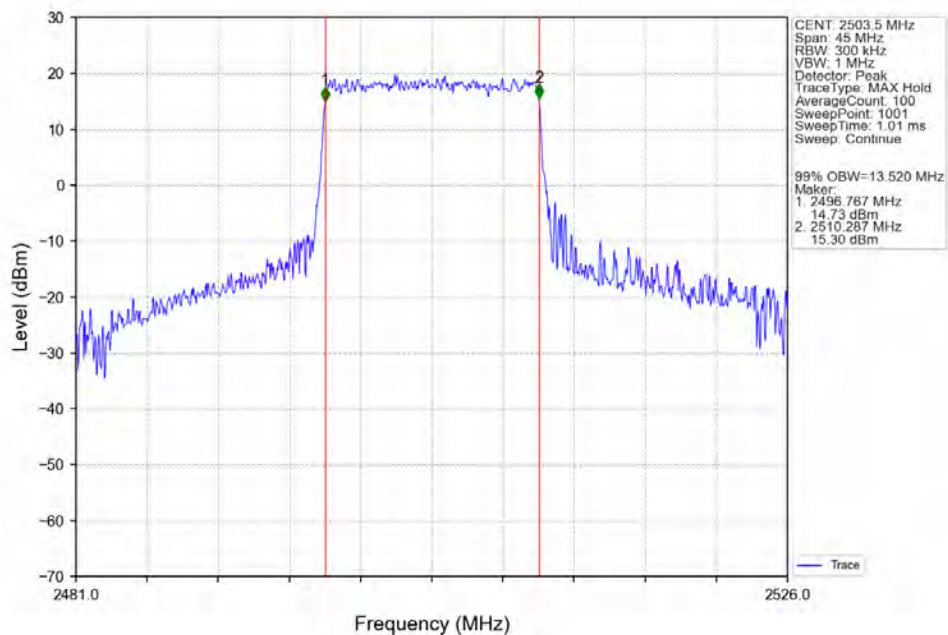
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTNV



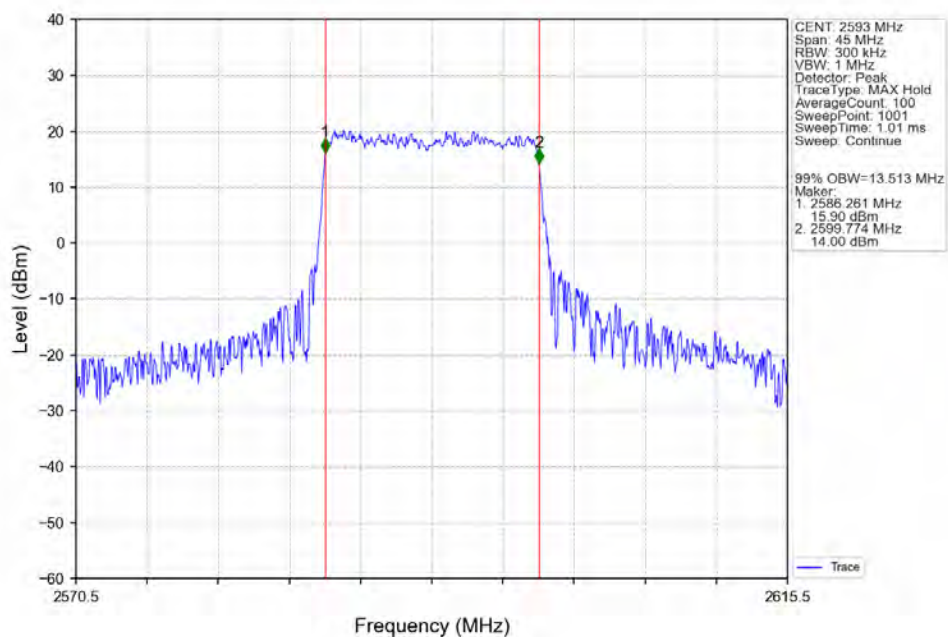
Band41 10MHz 256QAM HCH 2685MHz RB 50 0 NTNV



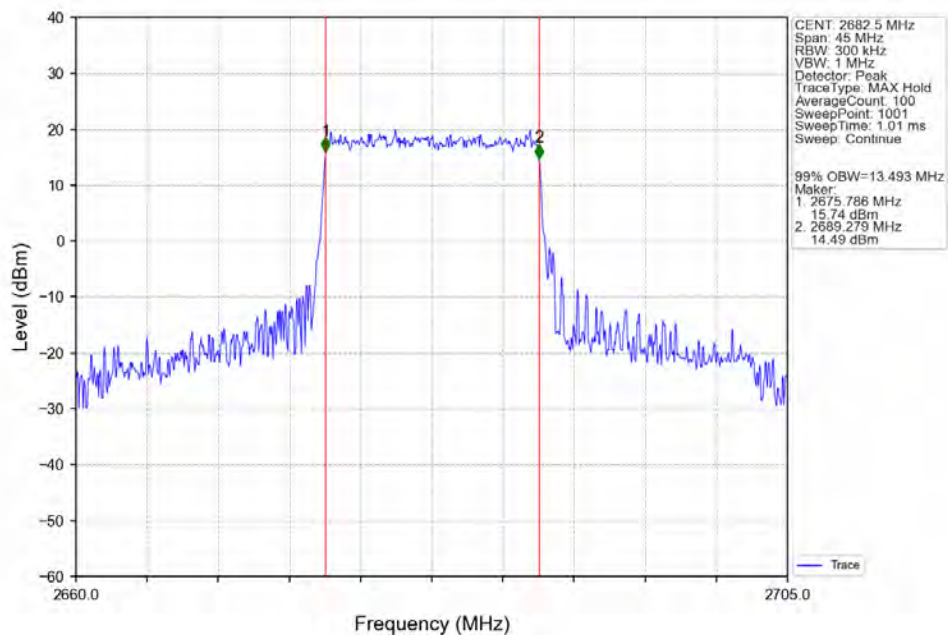
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTN



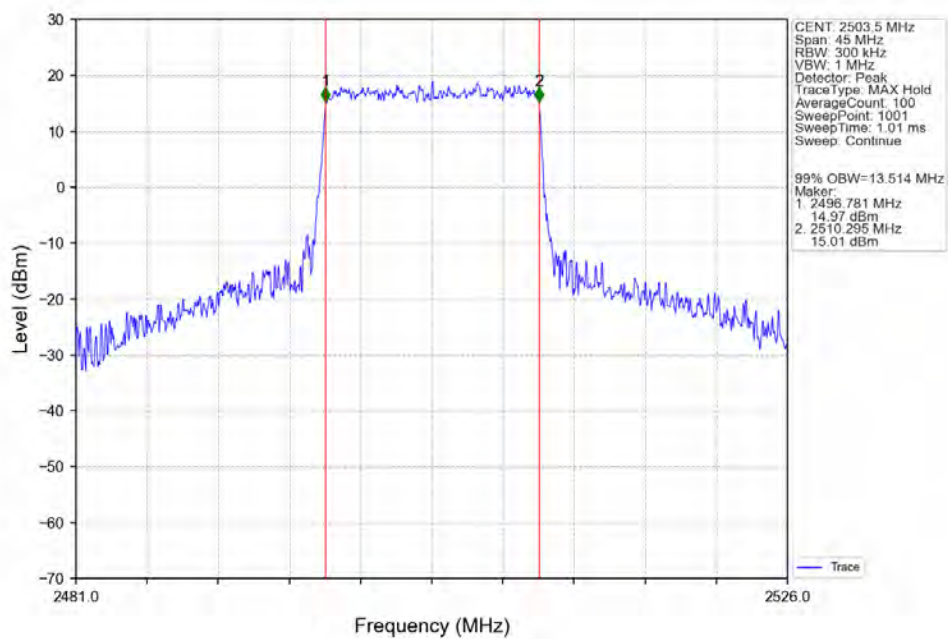
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTN



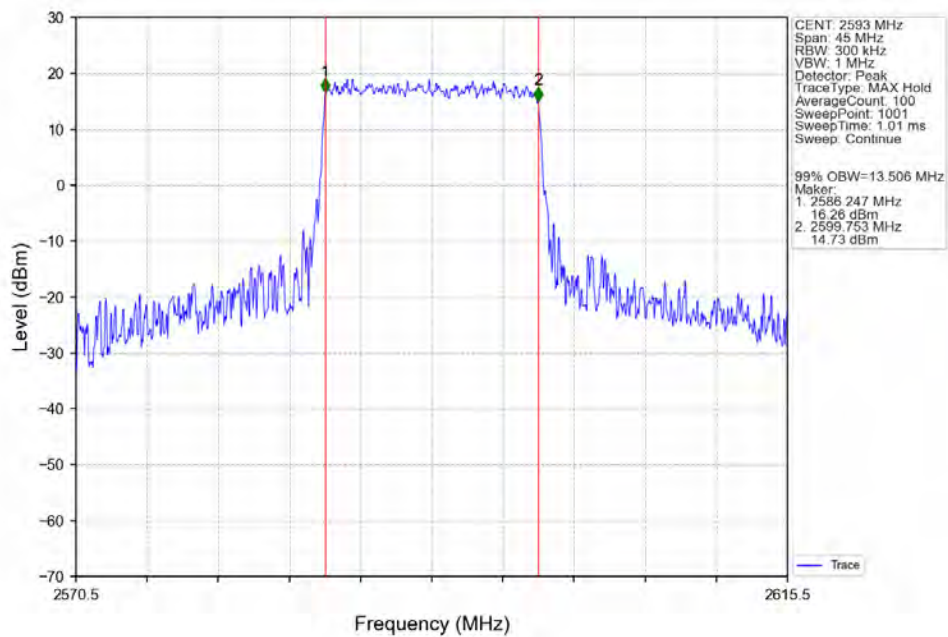
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



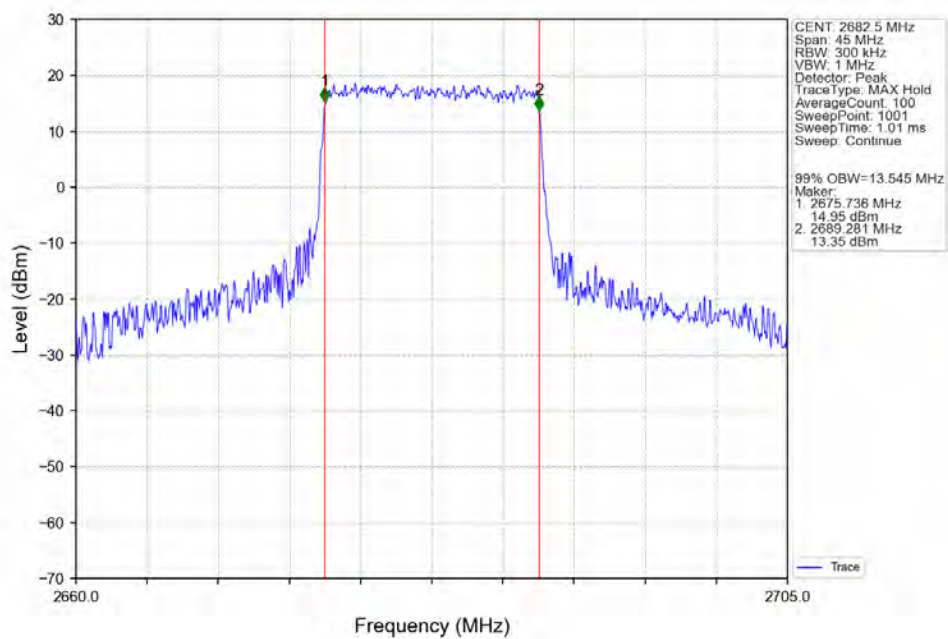
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



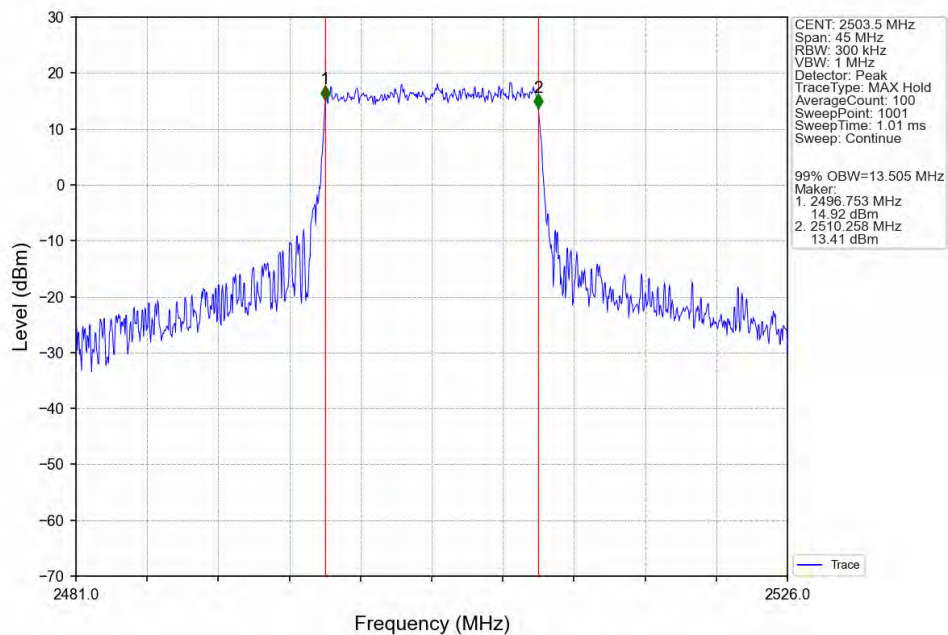
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



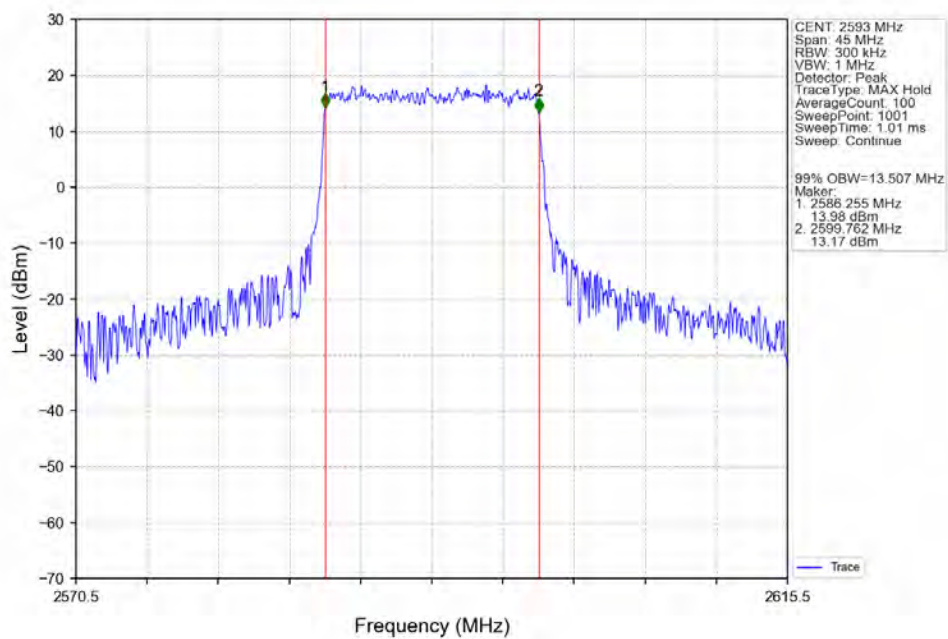
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



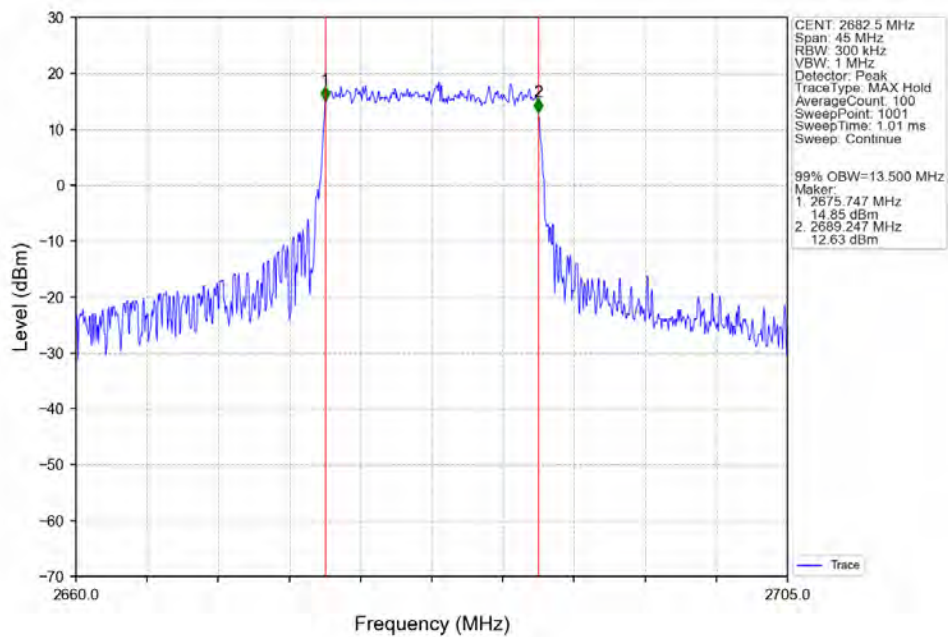
Band41 15MHz 64QAM LCH 2503.5MHz RB 75 0 NTNV



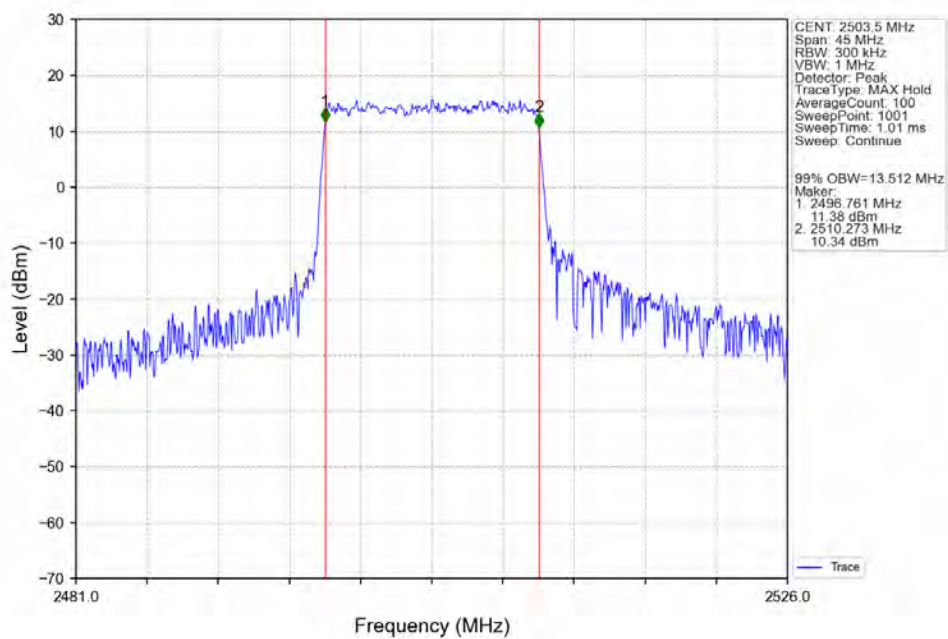
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



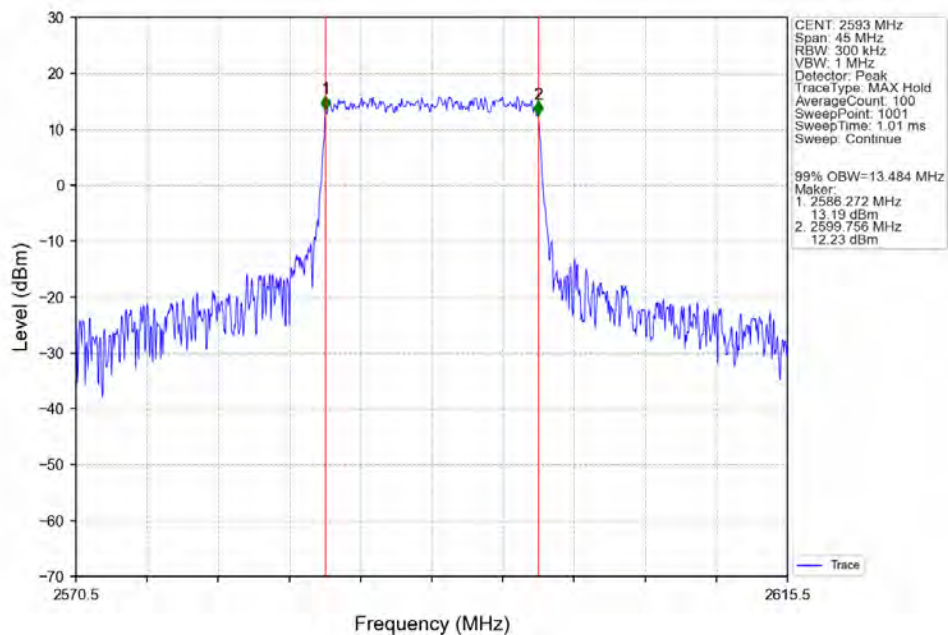
Band41 15MHz 64QAM HCH 2682.5MHz RB 75 0 NTNV



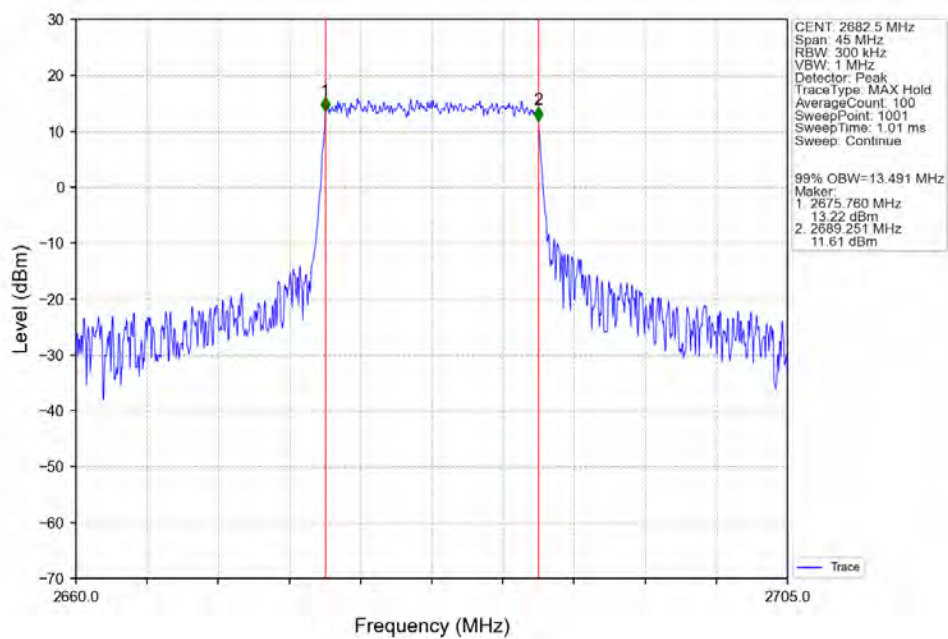
Band41 15MHz 256QAM LCH 2503.5MHz RB 75 0 NTNV



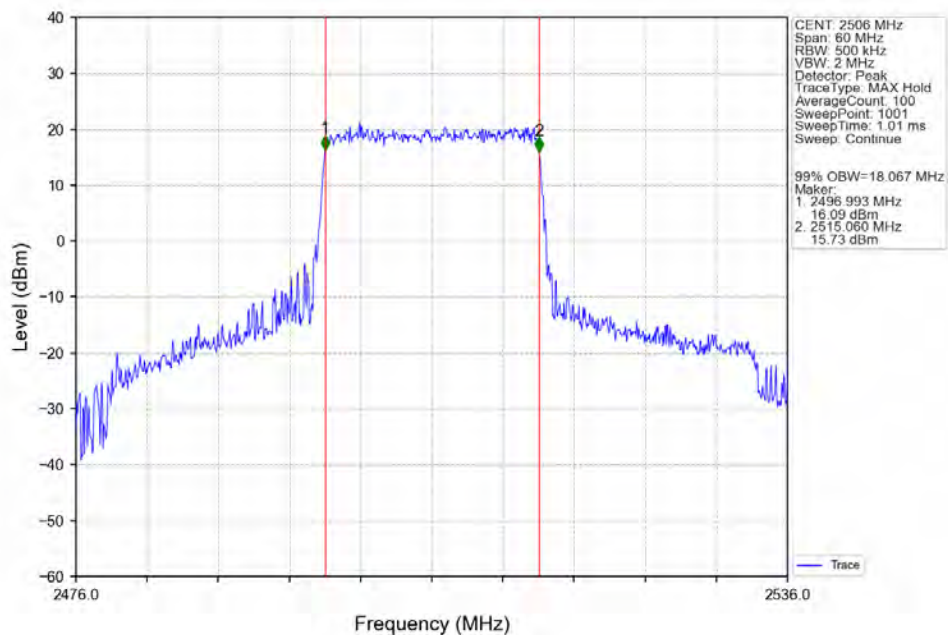
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTV



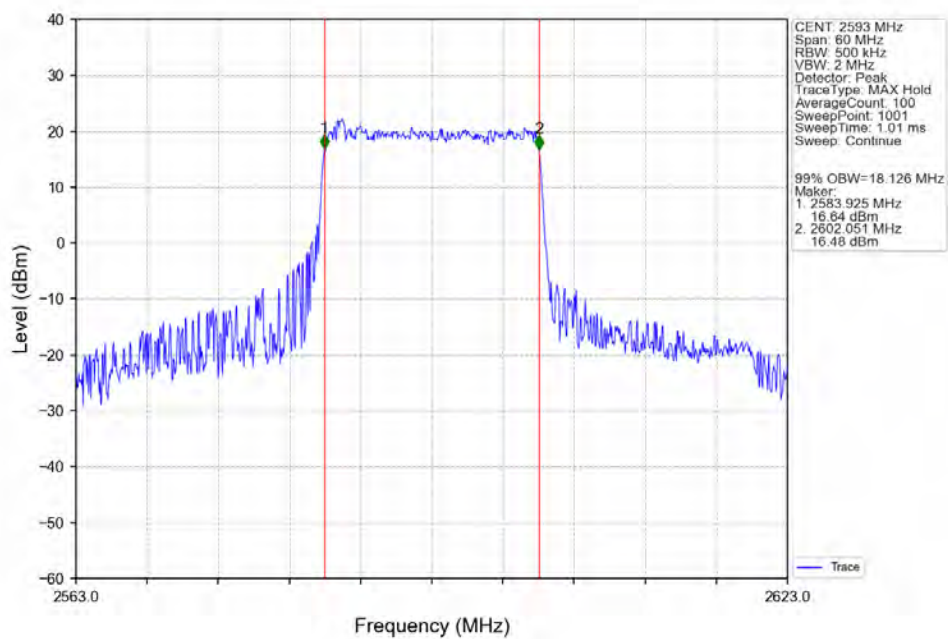
Band41 15MHz 256QAM HCH 2682.5MHz RB 75 0 NTV



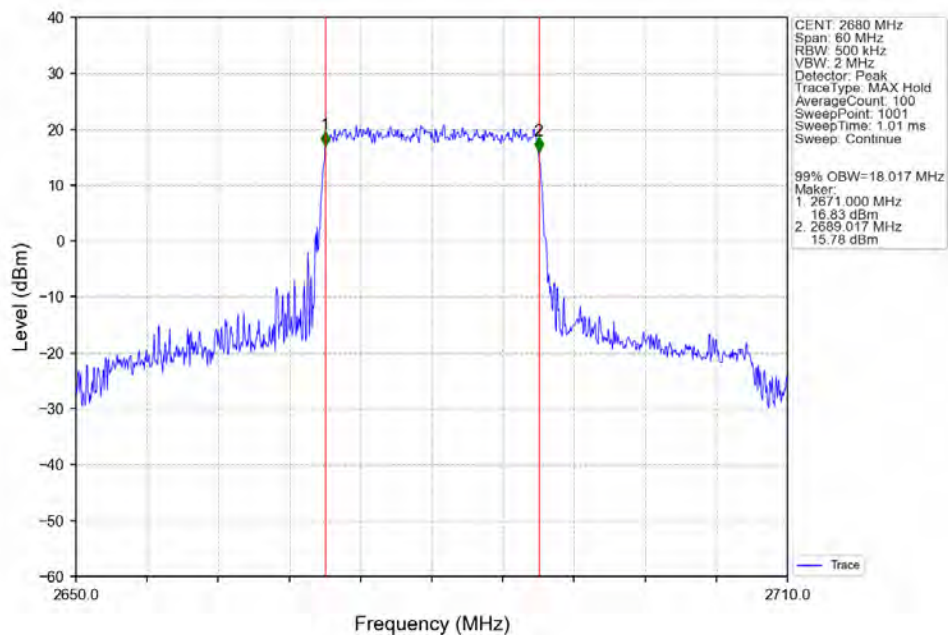
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



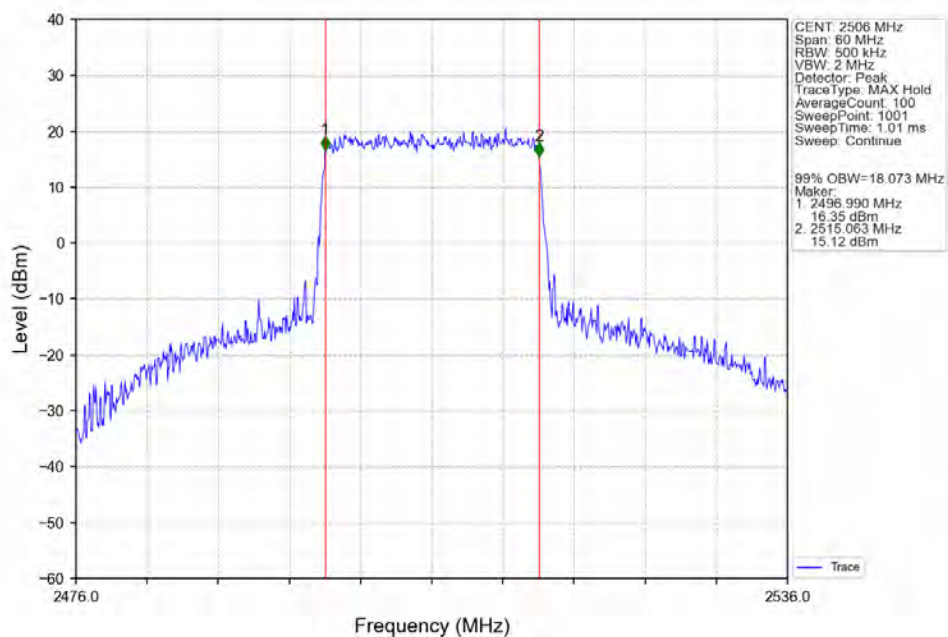
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



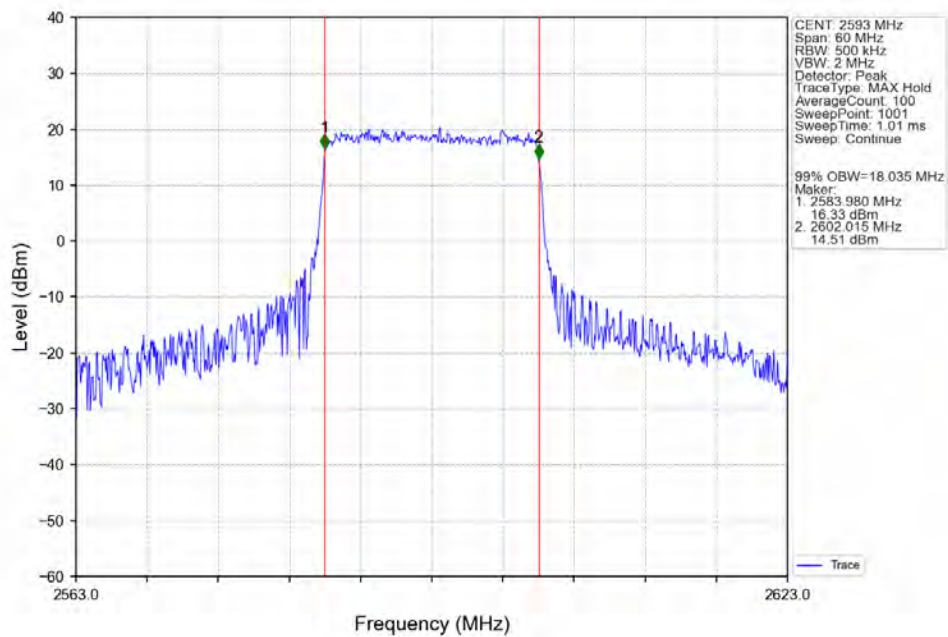
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



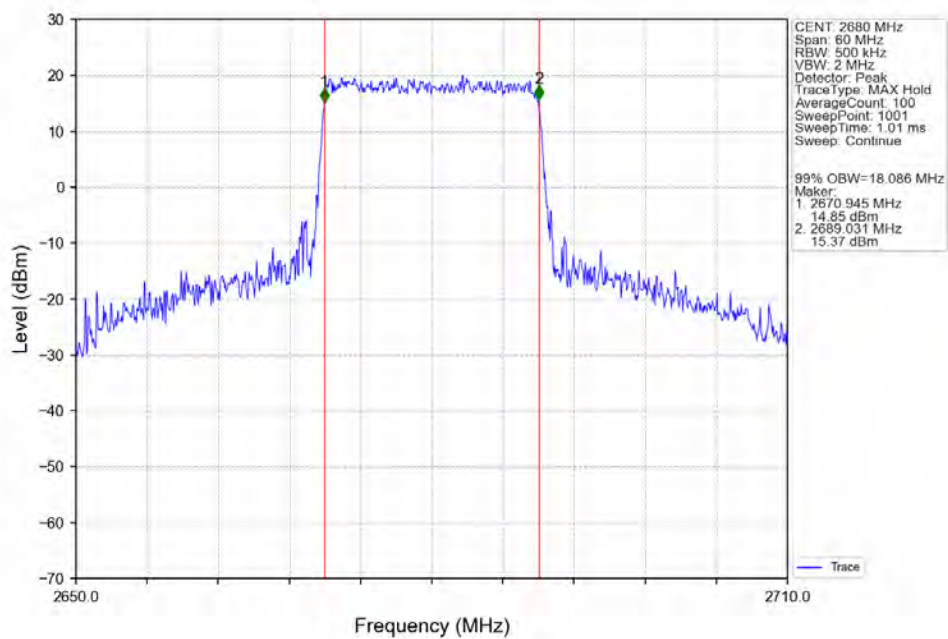
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



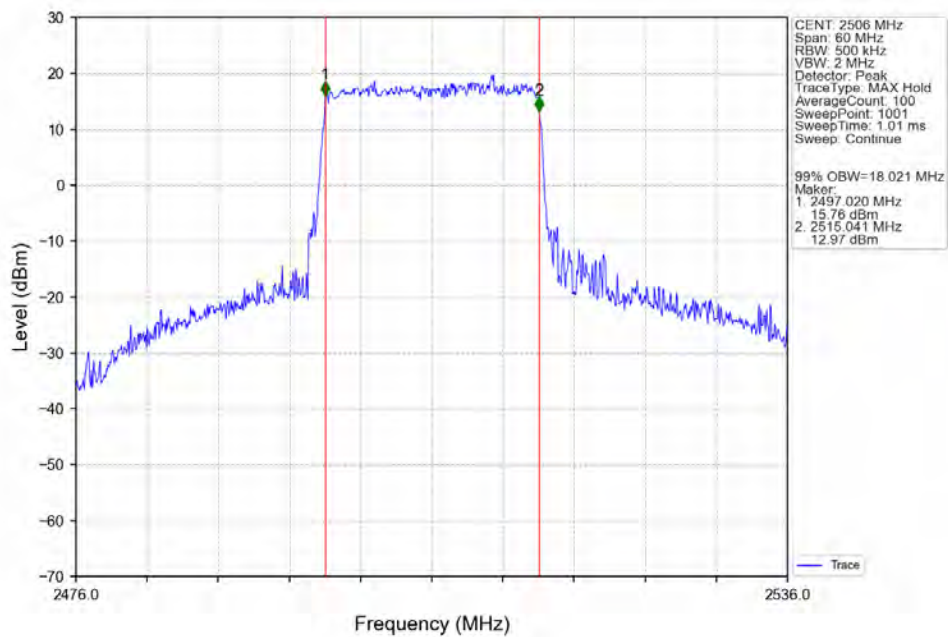
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



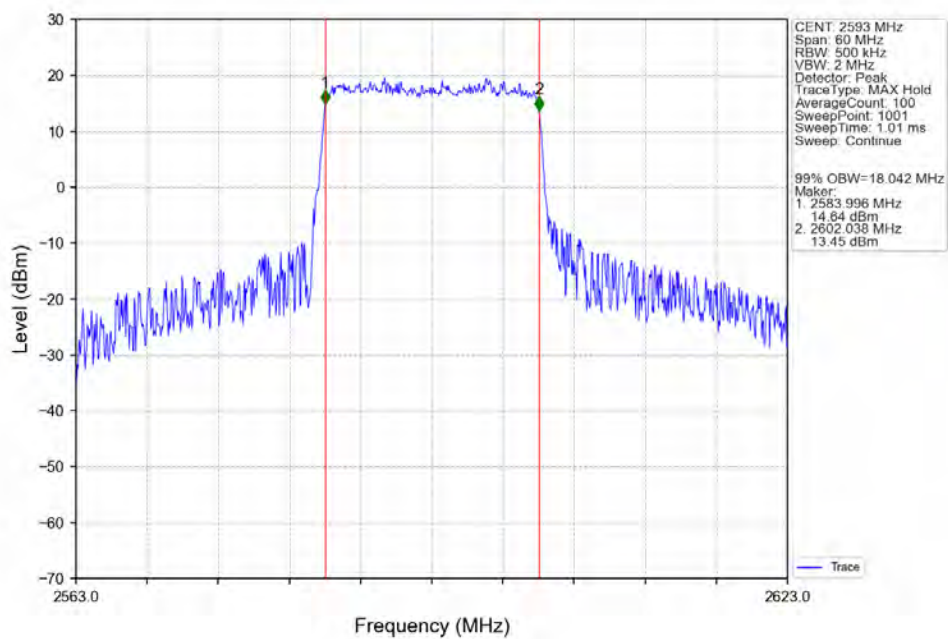
Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



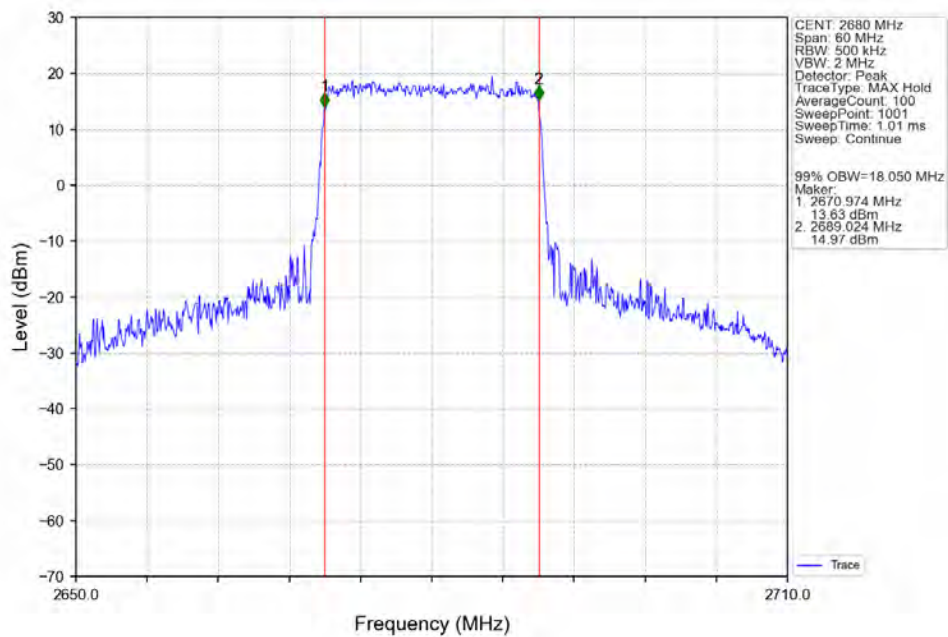
Band41 20MHz 64QAM LCH 2506MHz RB 100 0 NTNV



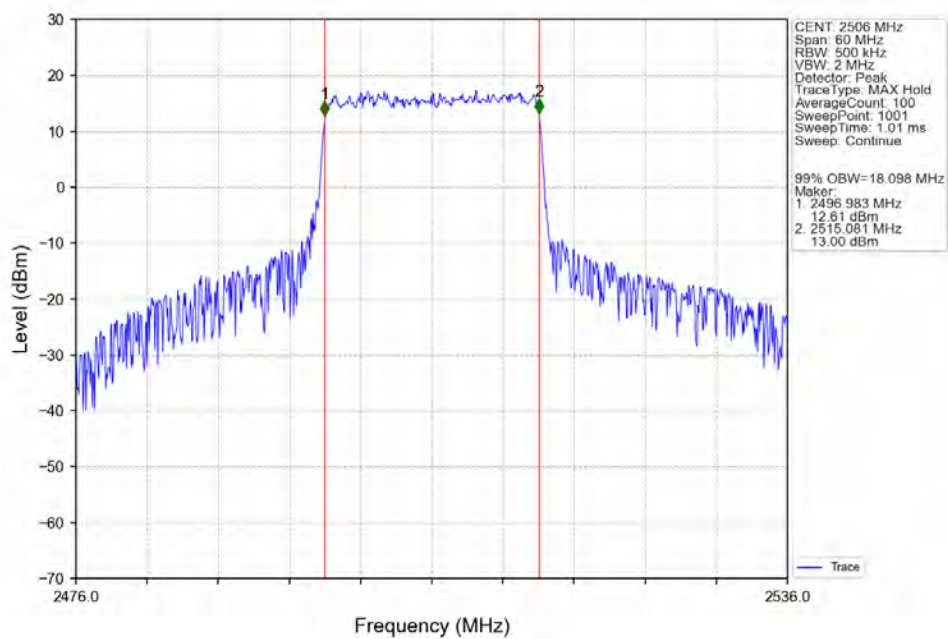
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTNV



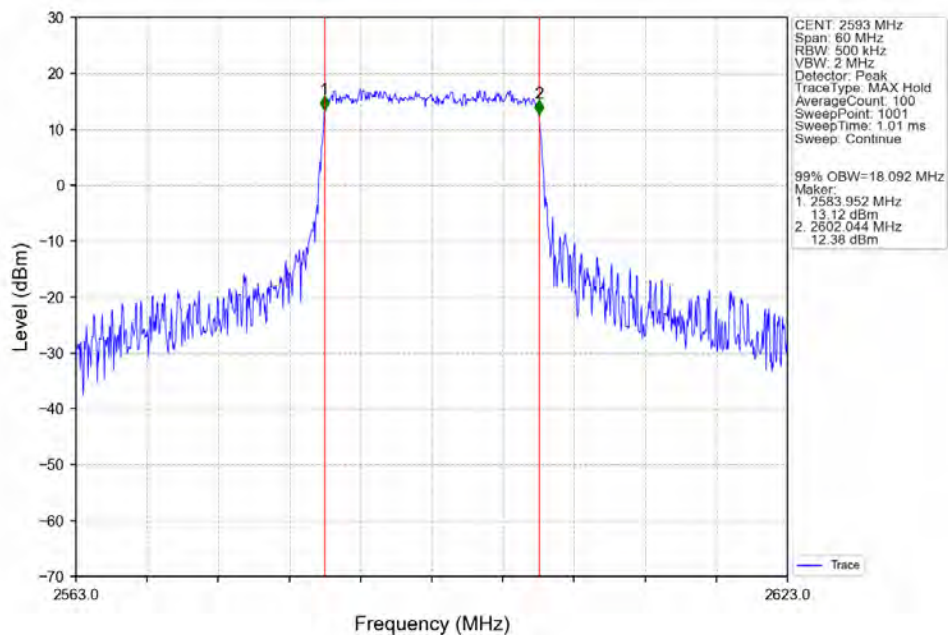
Band41 20MHz 64QAM HCH 2680MHz RB 100 0 NTNV



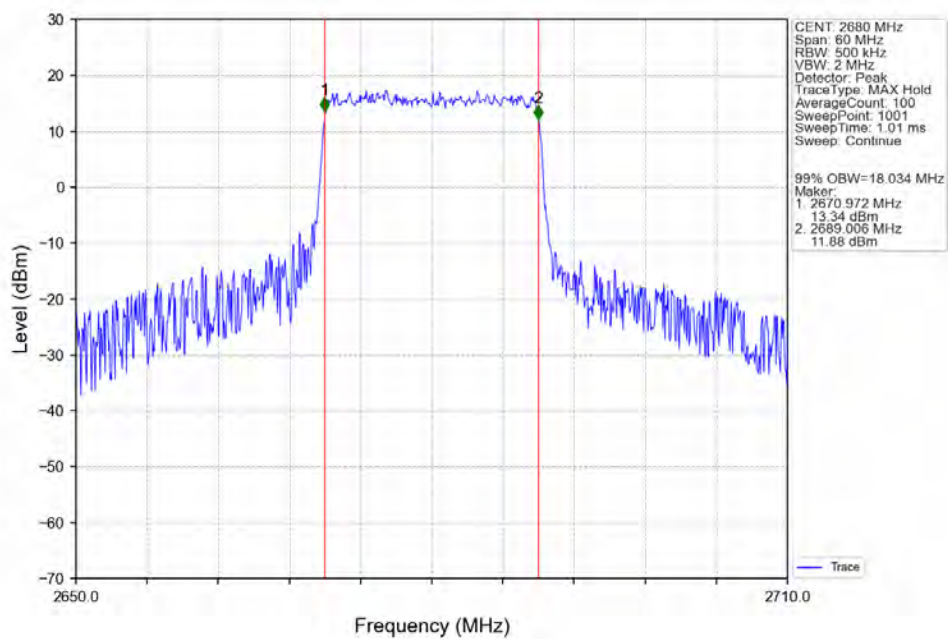
Band41 20MHz 256QAM LCH 2506MHz RB 100 0 NTNV



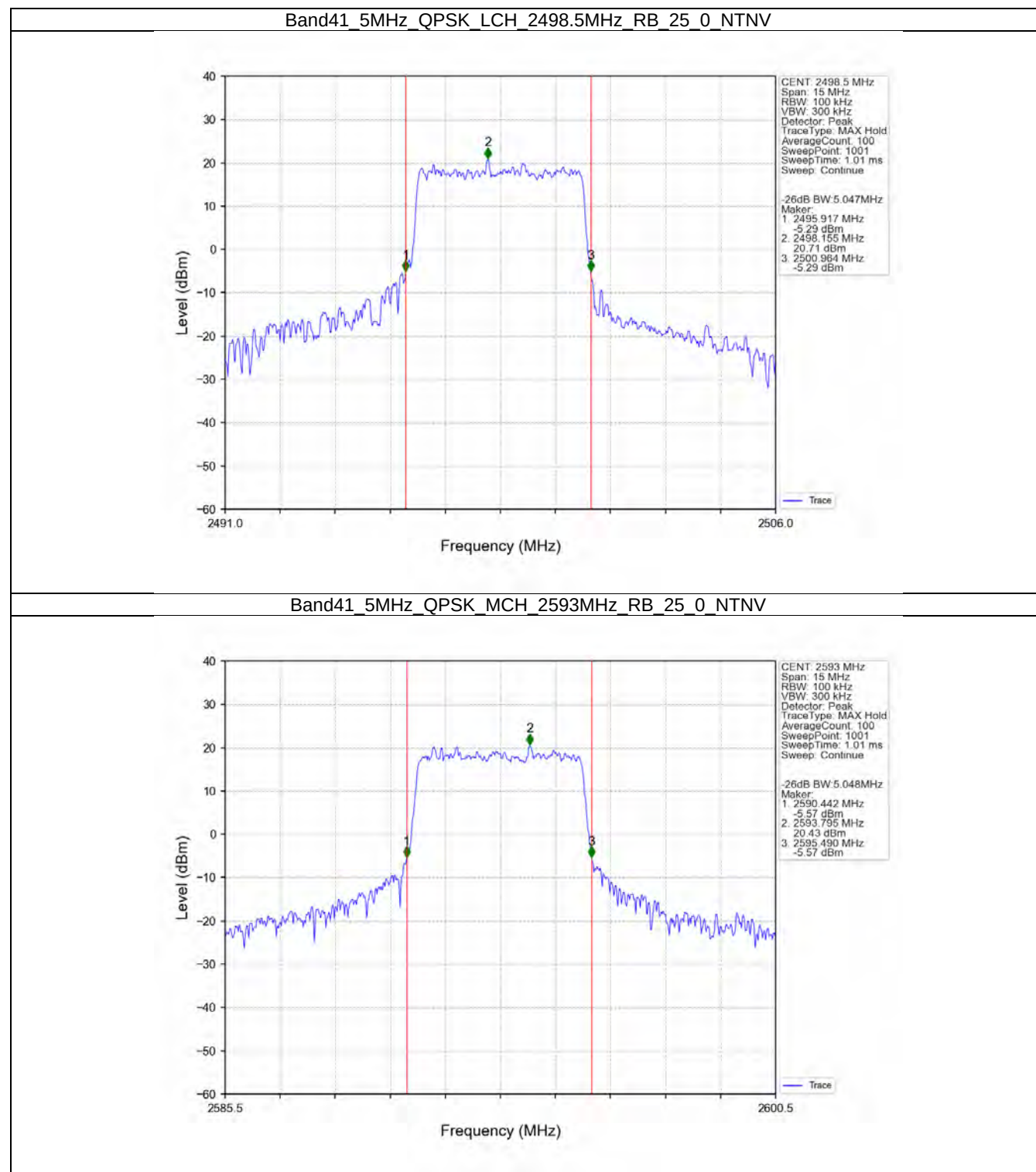
Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTNV



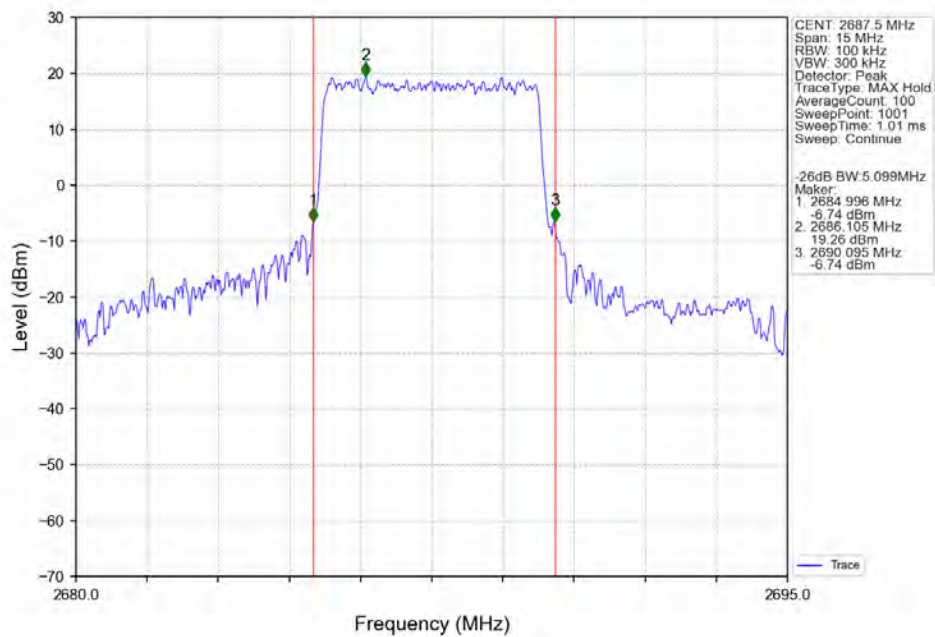
Band41 20MHz 256QAM HCH 2680MHz RB 100 0 NTNV



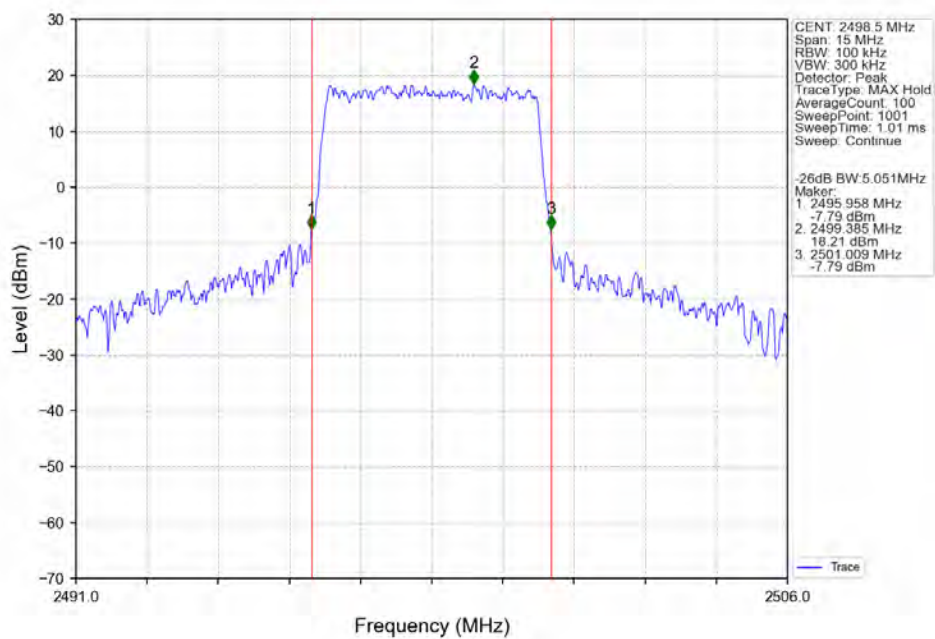
## 3.2.2 Band41\_XDB



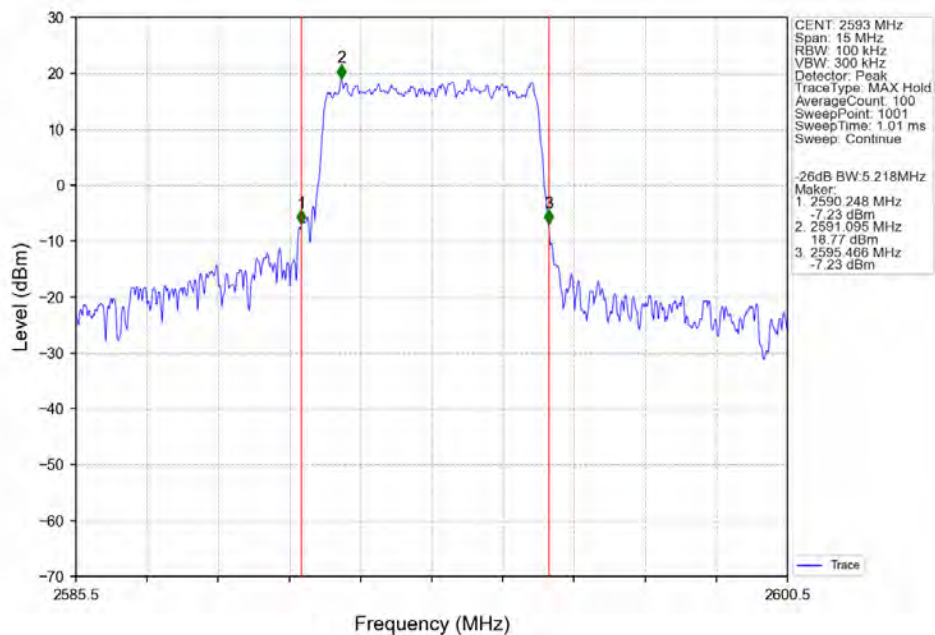
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



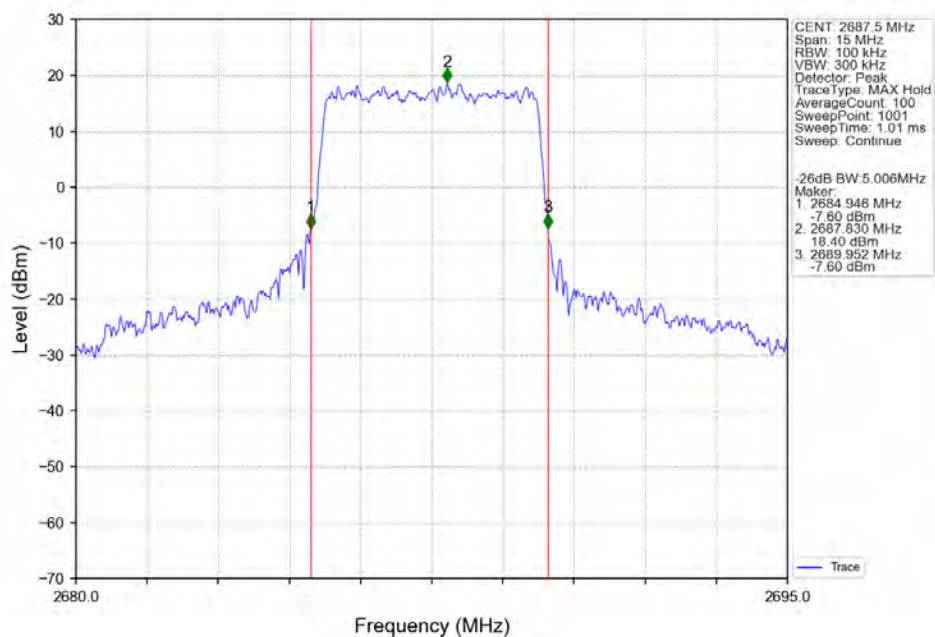
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



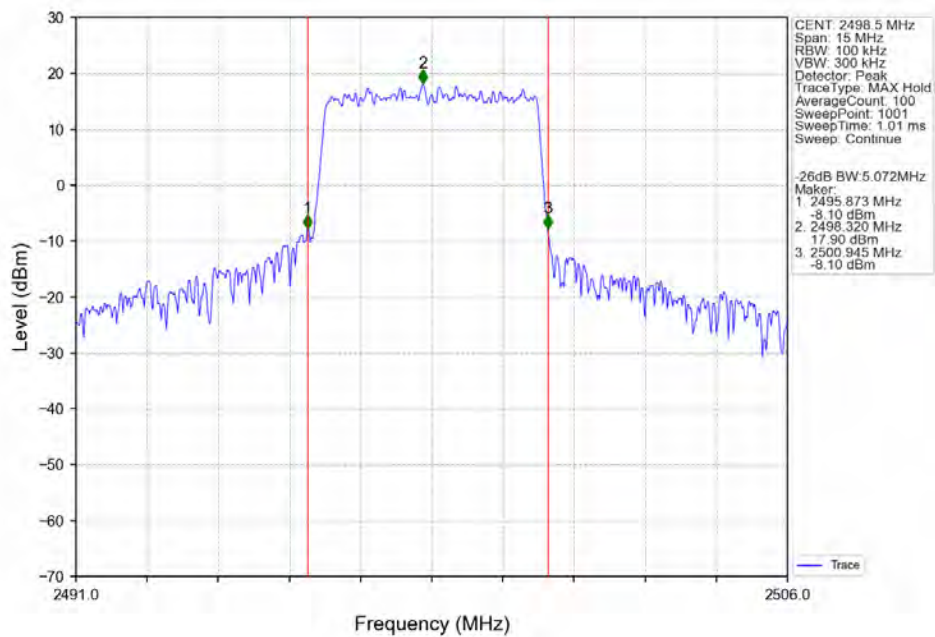
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



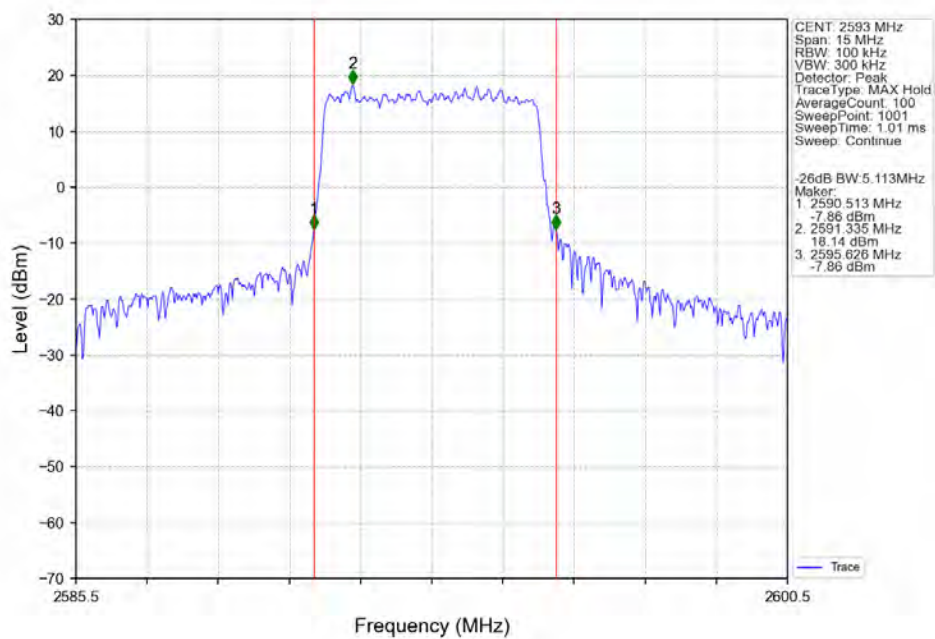
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



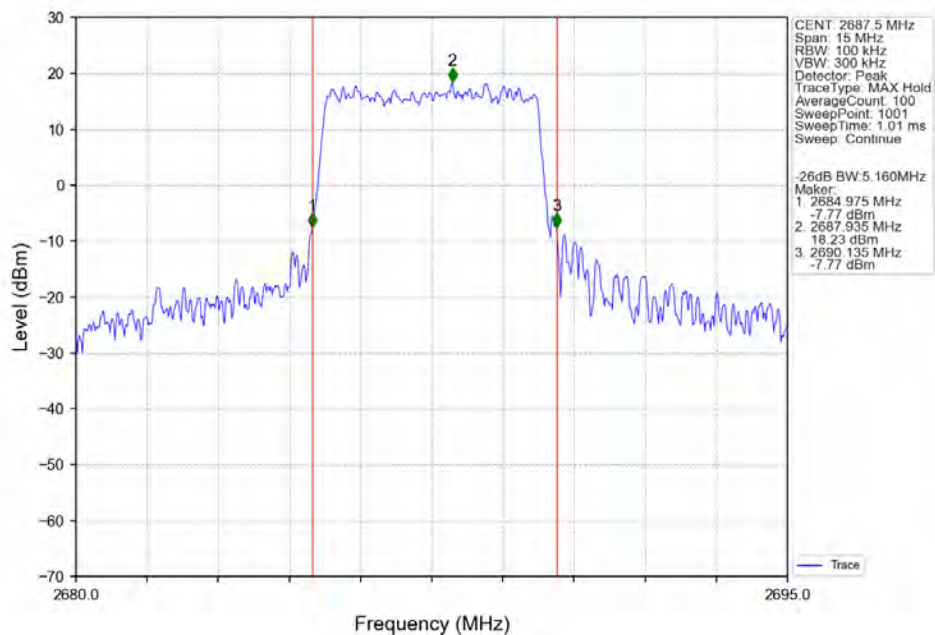
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



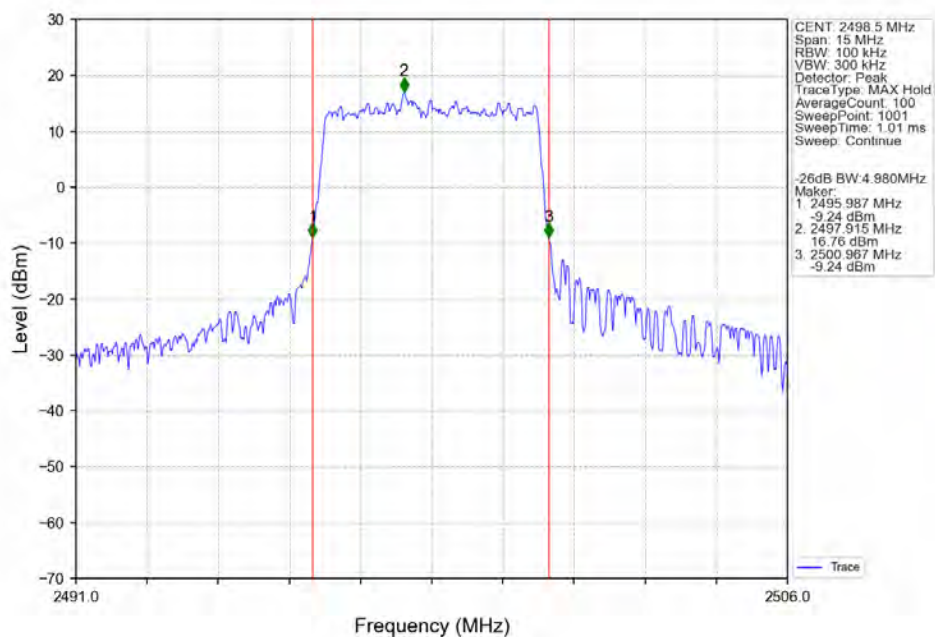
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



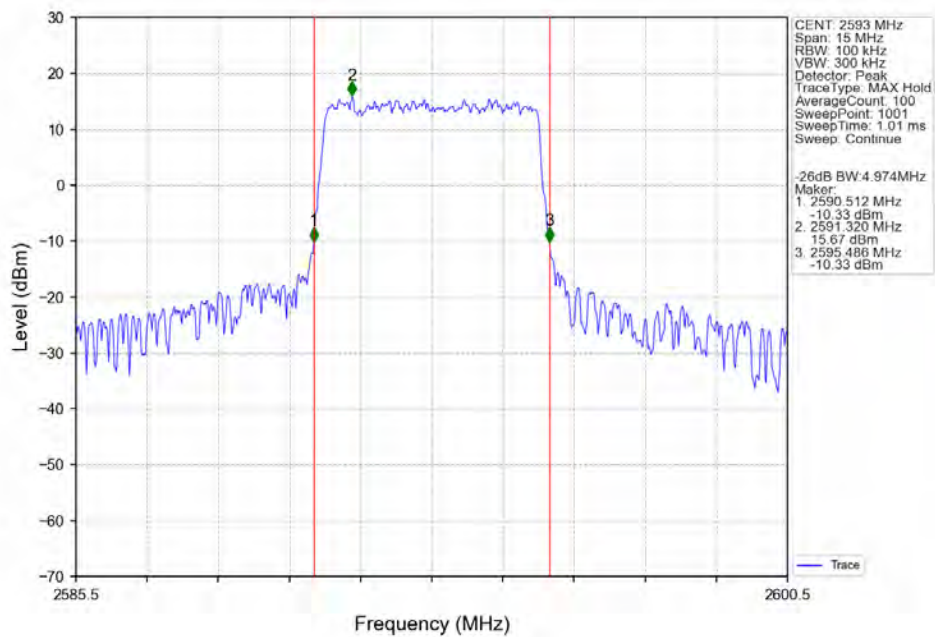
Band41 5MHz 64QAM HCH 2687.5MHz RB 25 0 NTN



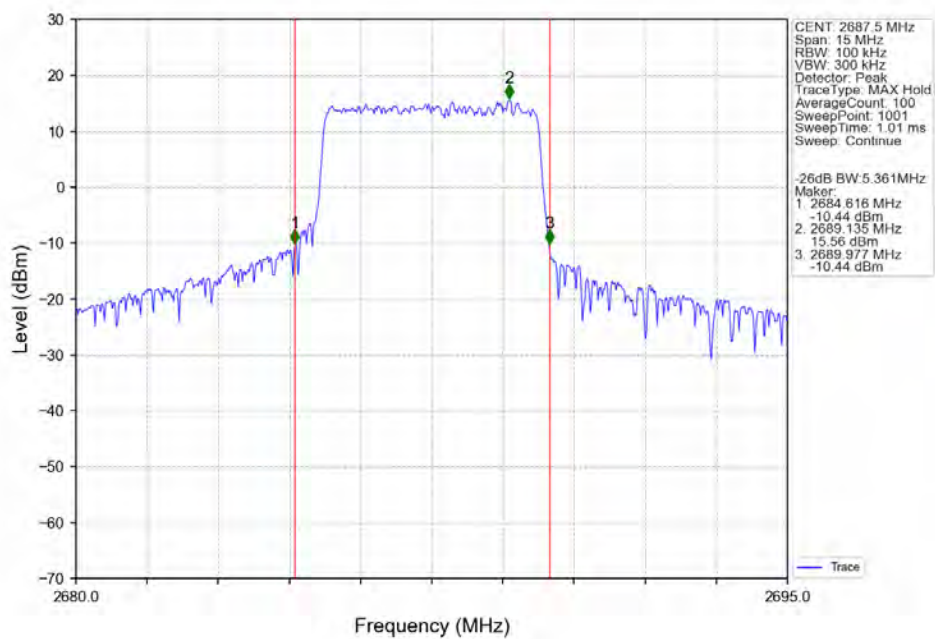
Band41 5MHz 256QAM LCH 2498.5MHz RB 25 0 NTN



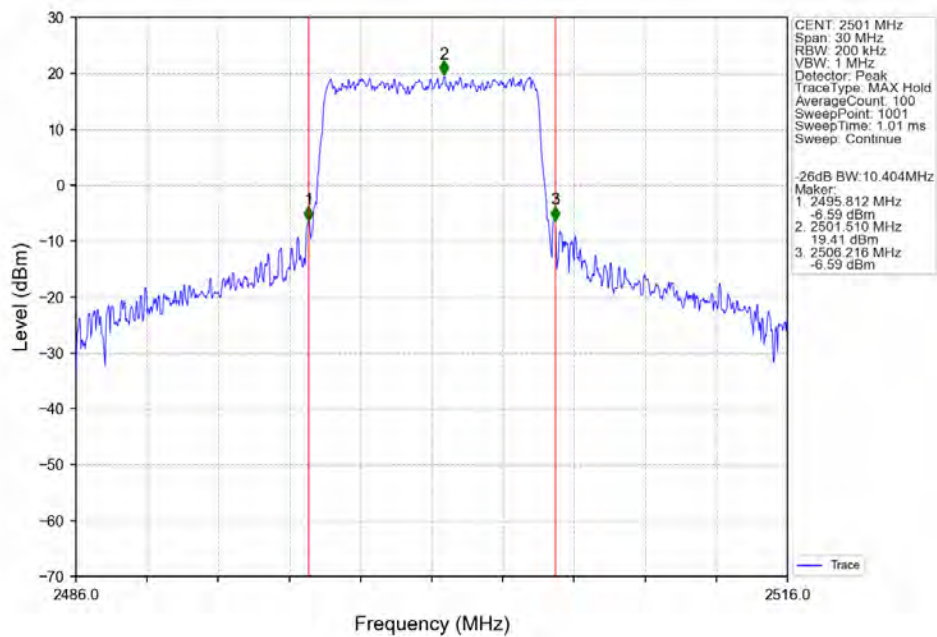
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



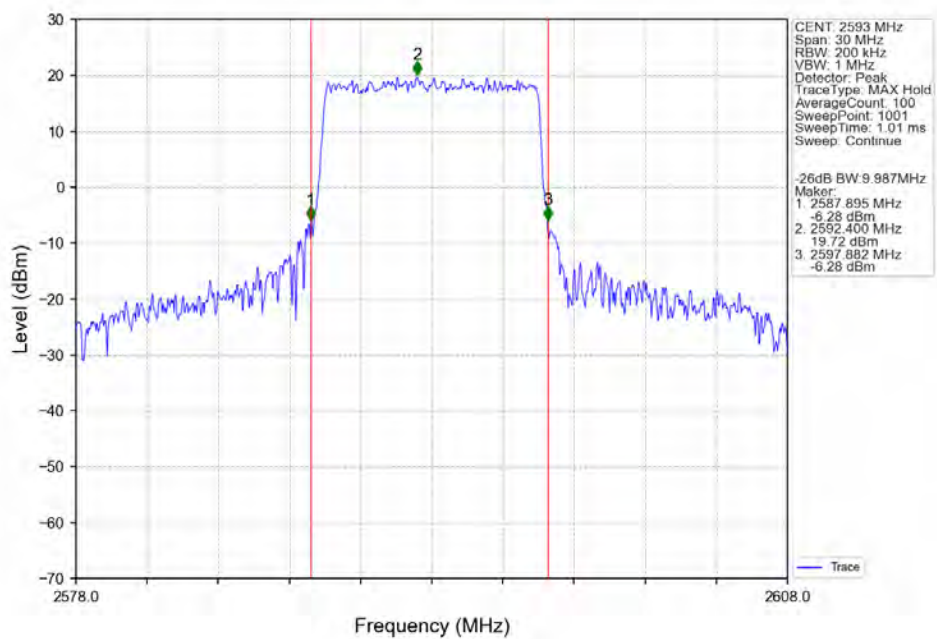
Band41 5MHz 256QAM HCH 2687.5MHz RB 25 0 NTNV



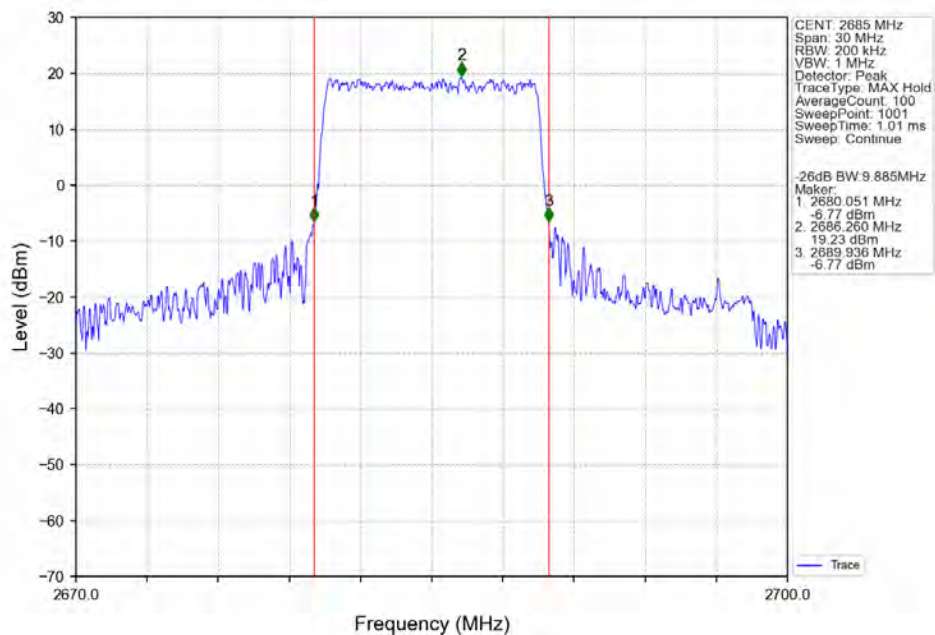
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV



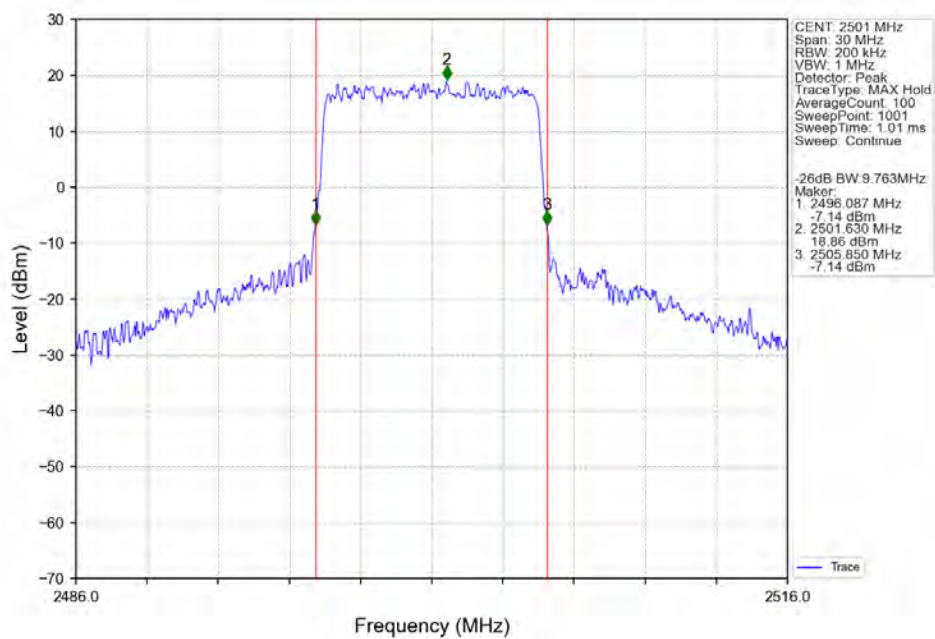
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



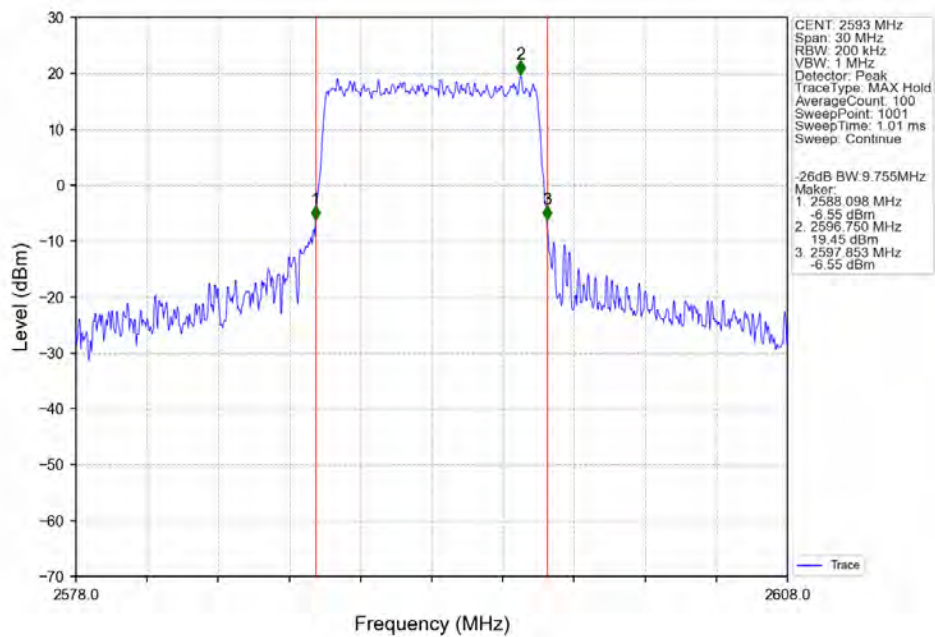
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



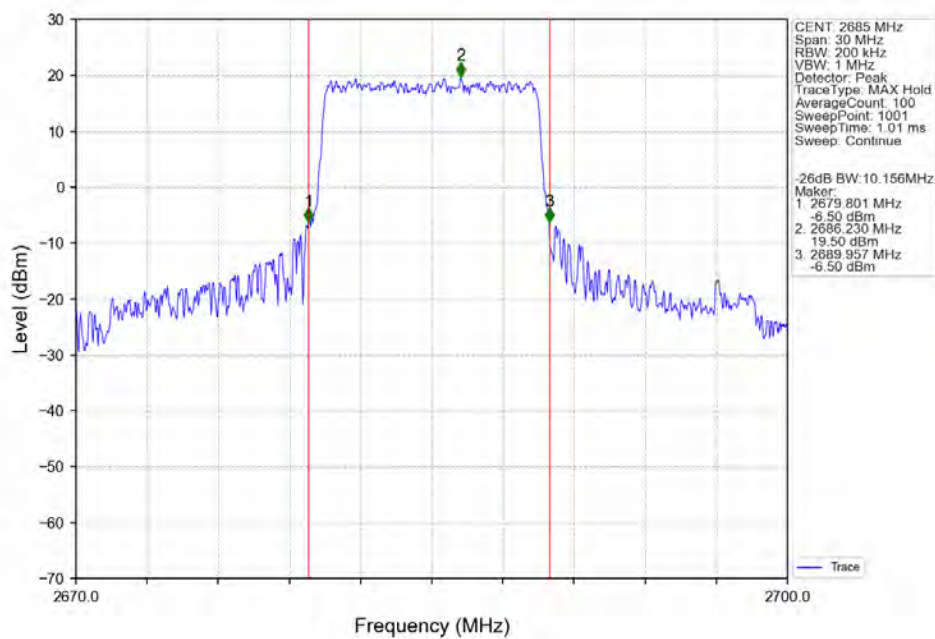
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



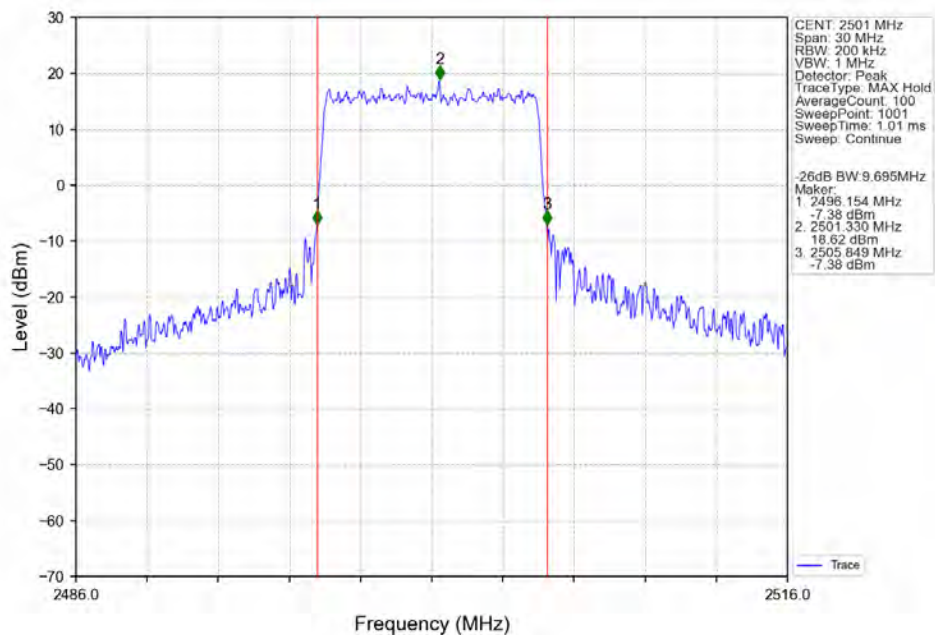
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



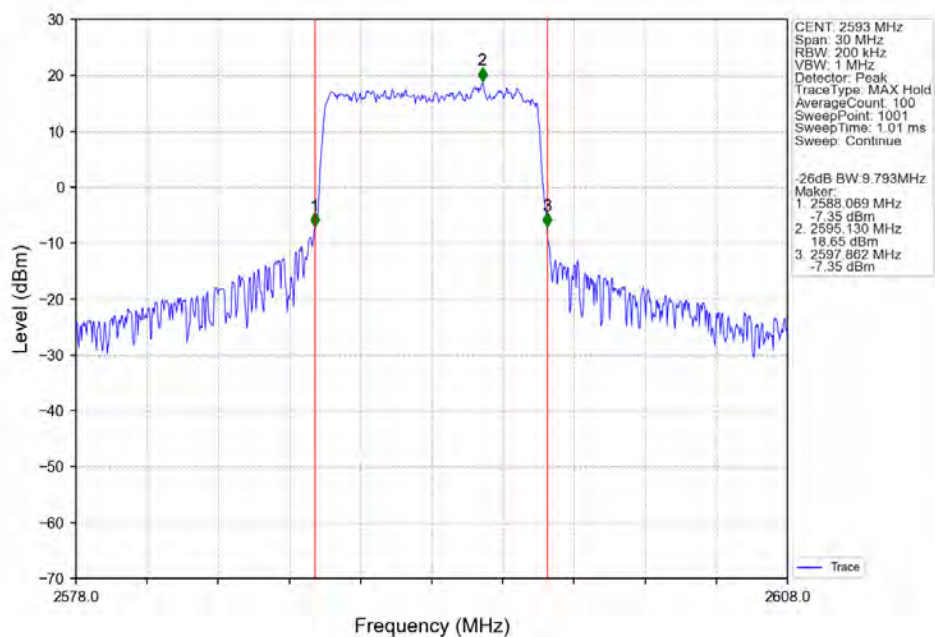
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



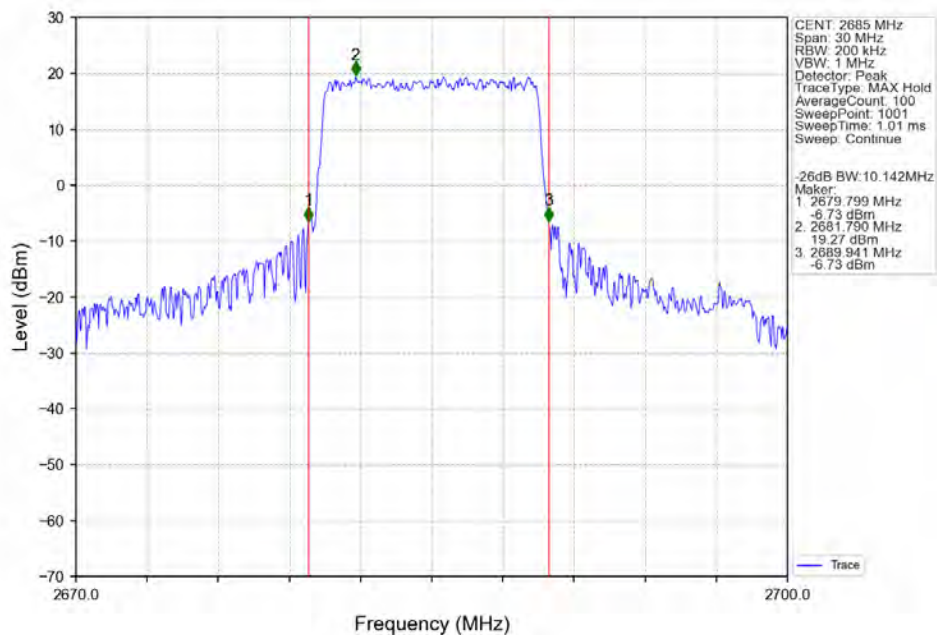
Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTNV



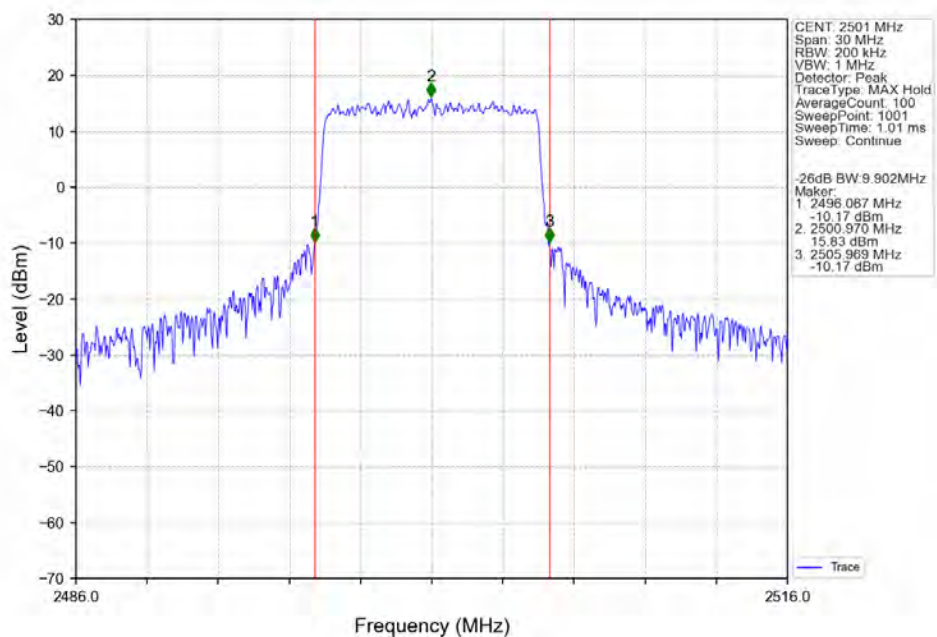
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



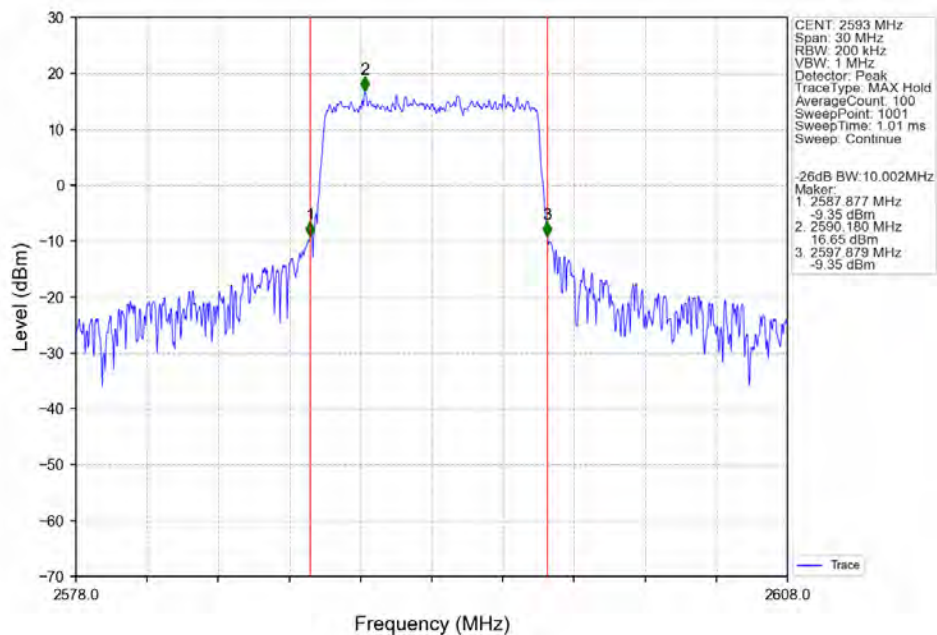
Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTNV



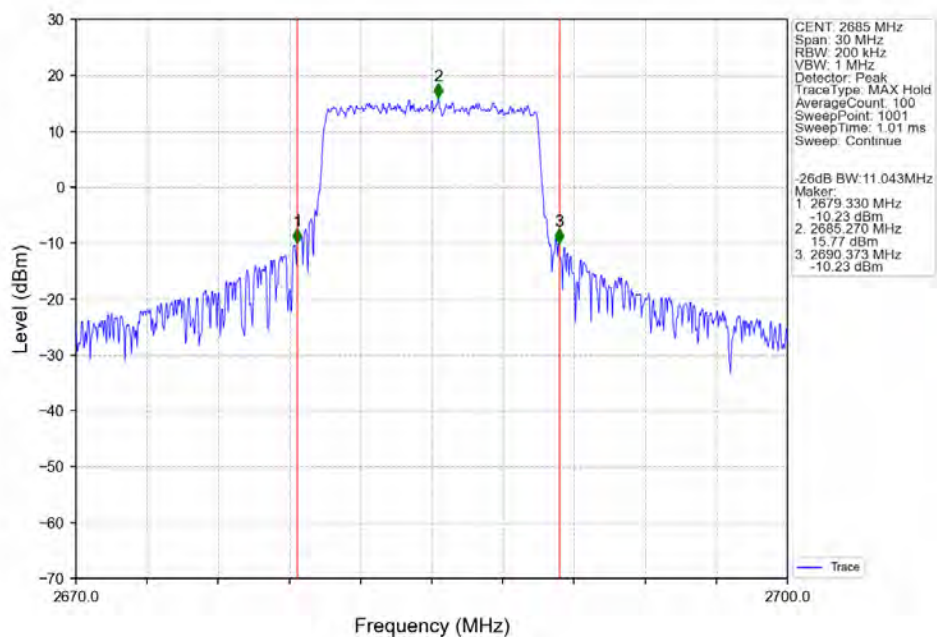
Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTNV



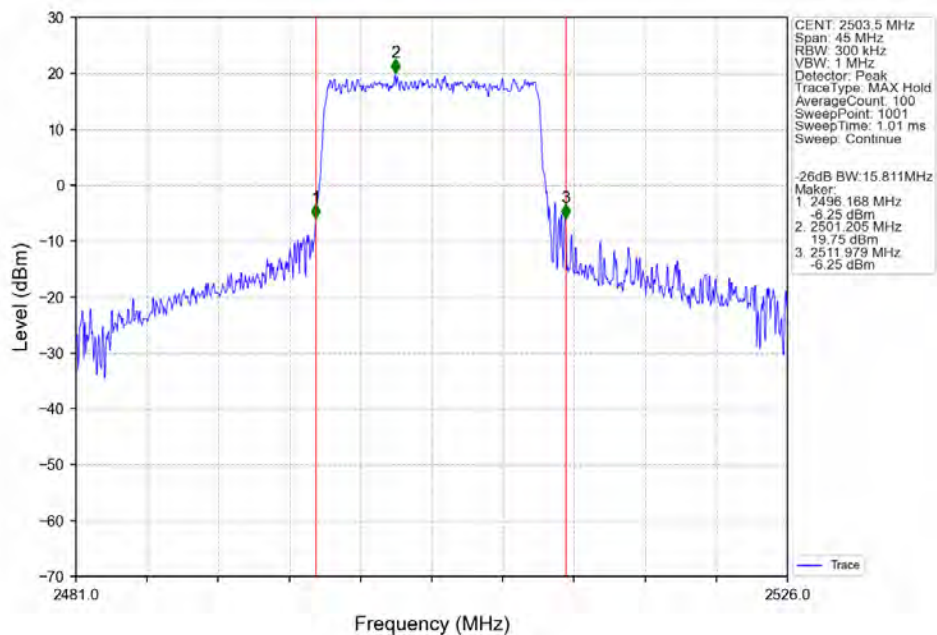
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTNV



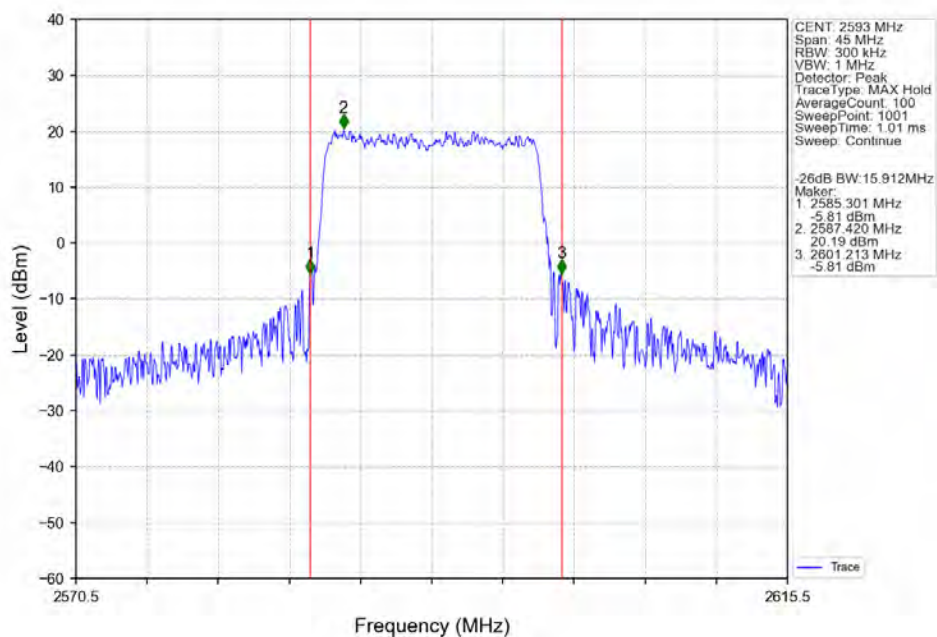
Band41 10MHz 256QAM HCH 2685MHz RB 50 0 NTNV



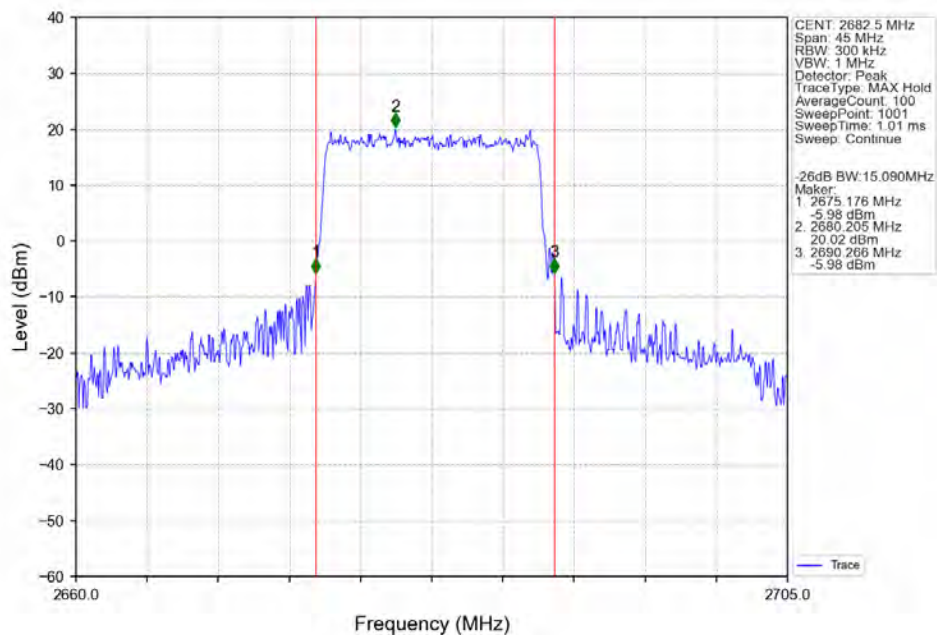
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



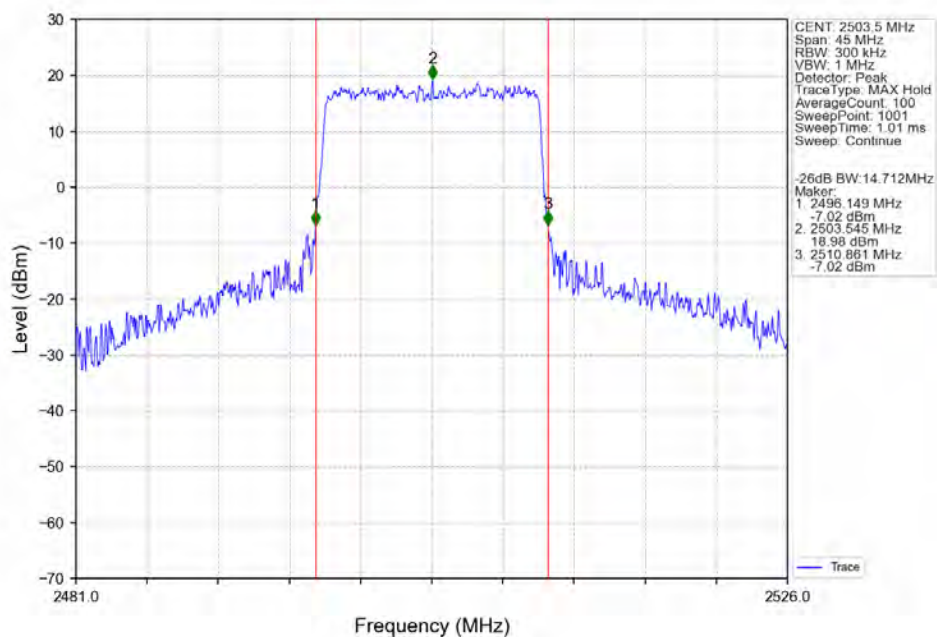
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



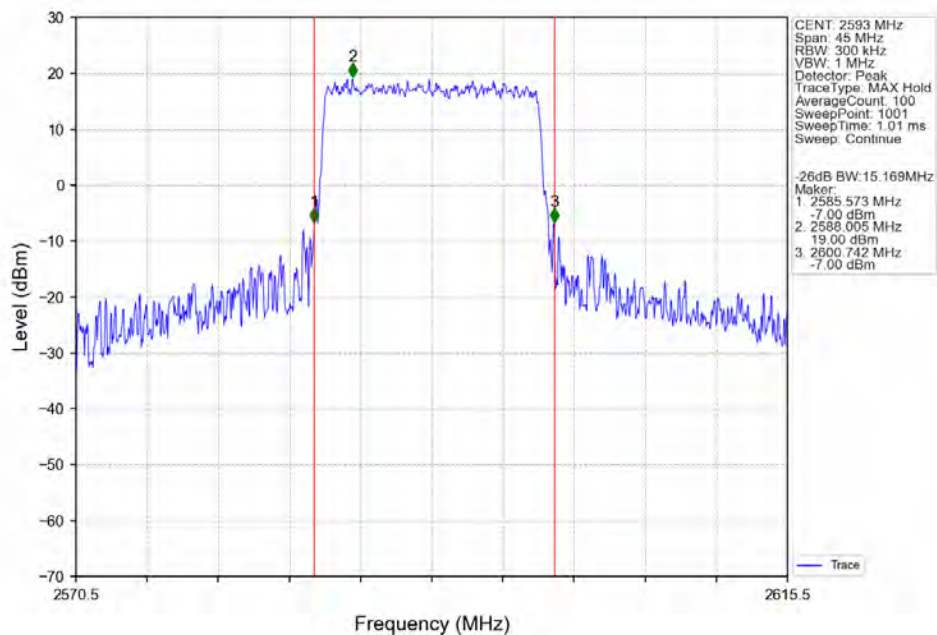
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



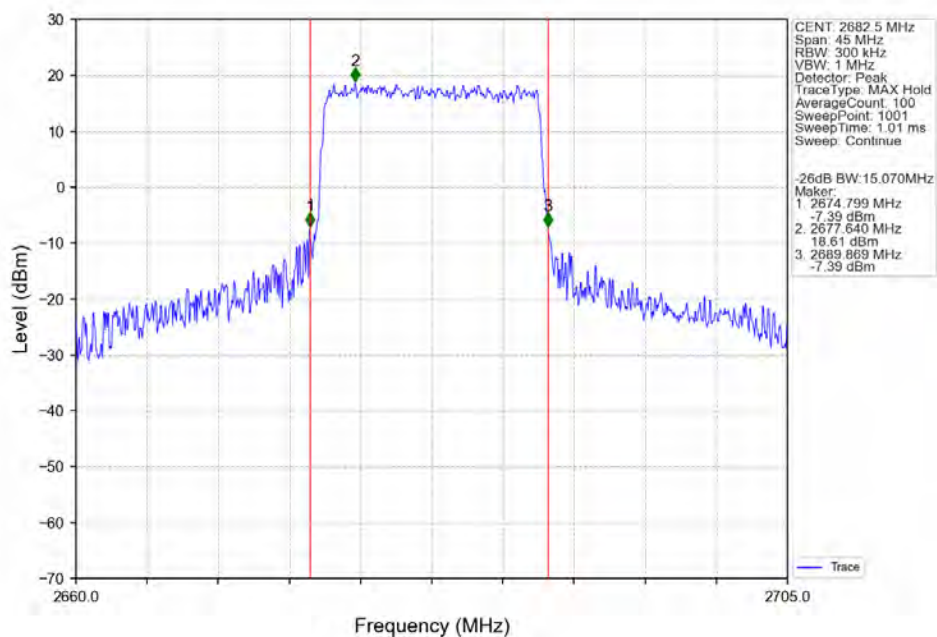
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



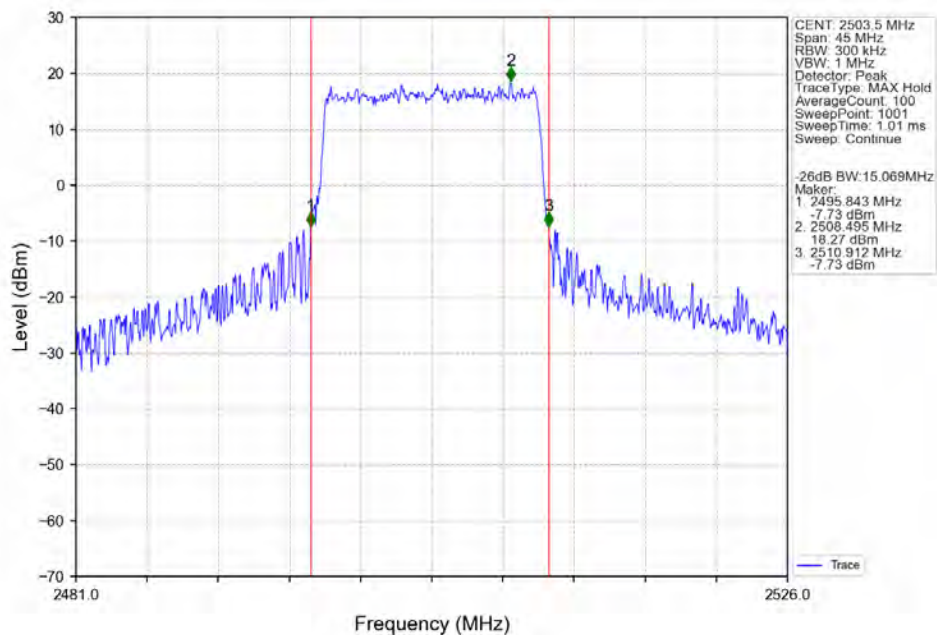
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



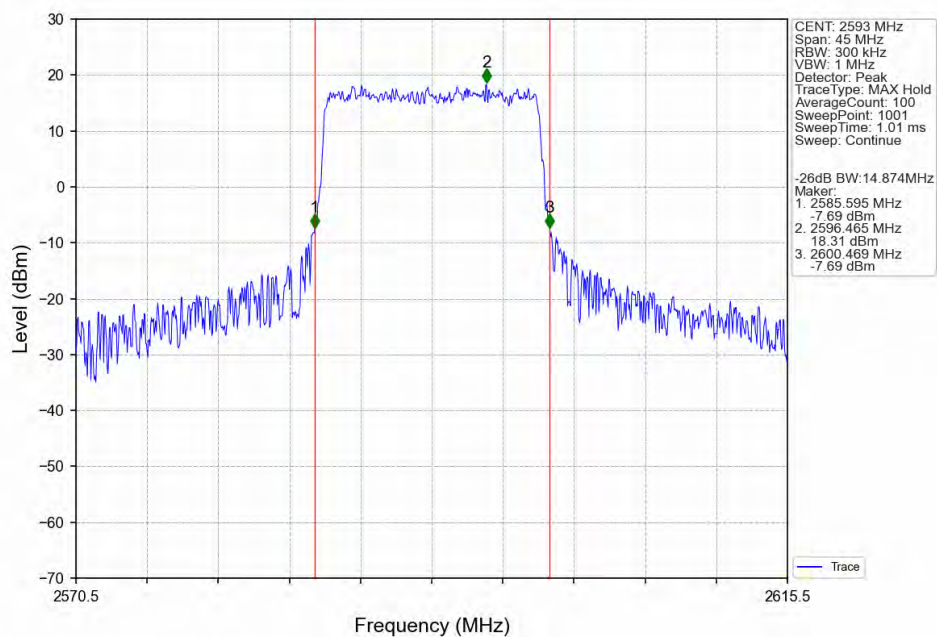
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



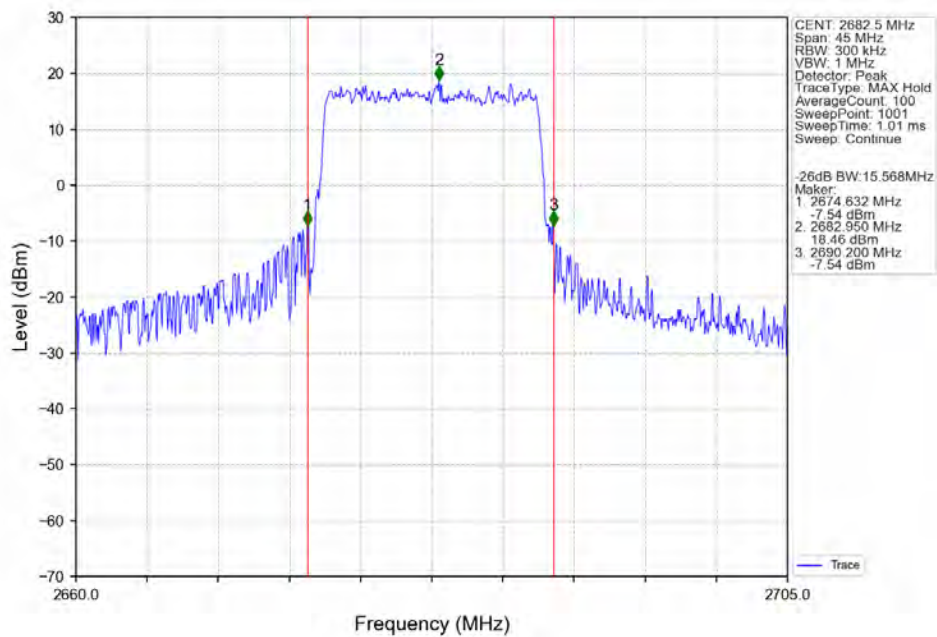
Band41 15MHz 64QAM LCH 2503.5MHz RB 75 0 NTNV



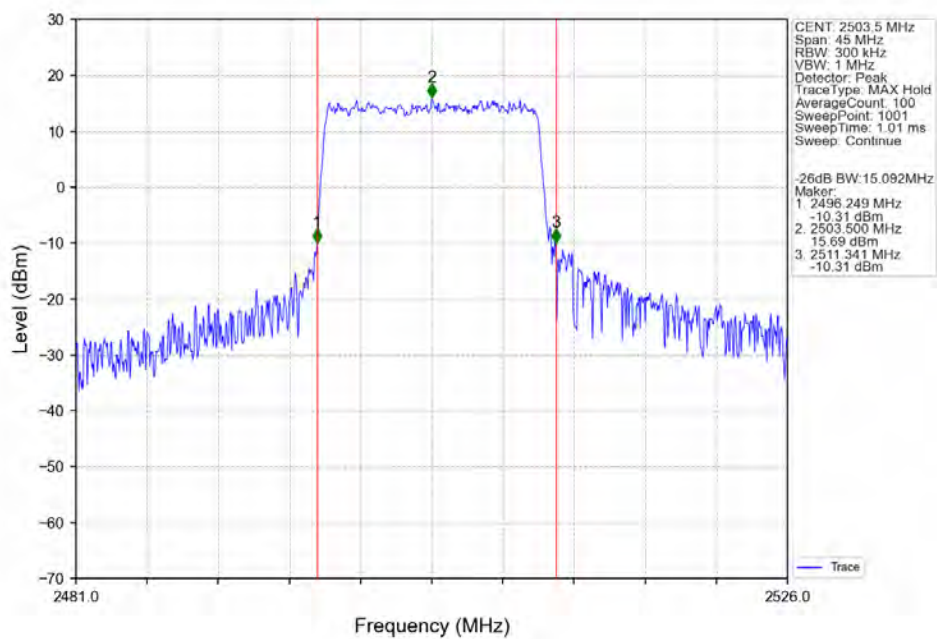
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



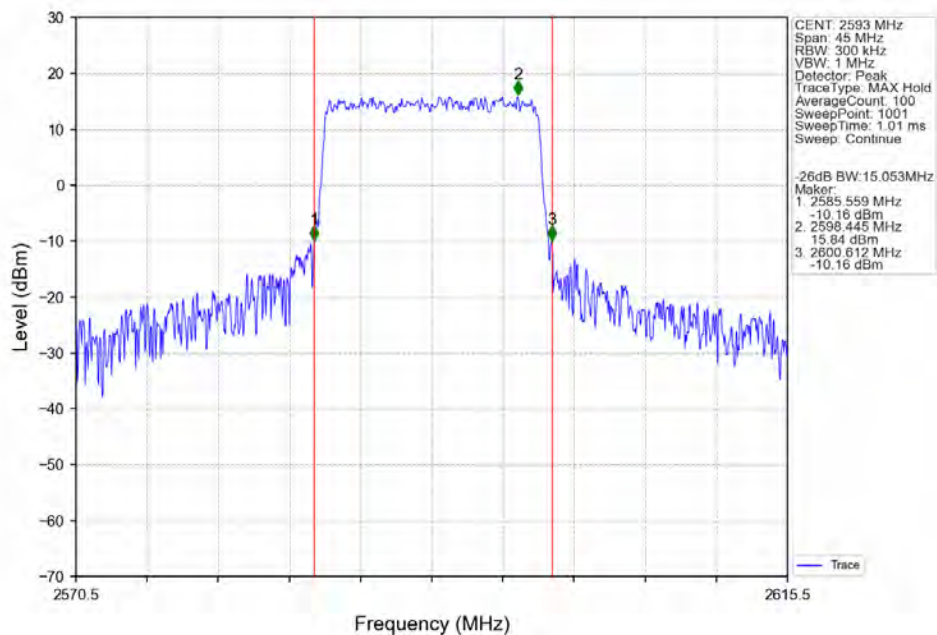
Band41 15MHz 64QAM HCH 2682.5MHz RB 75 0 NTNV



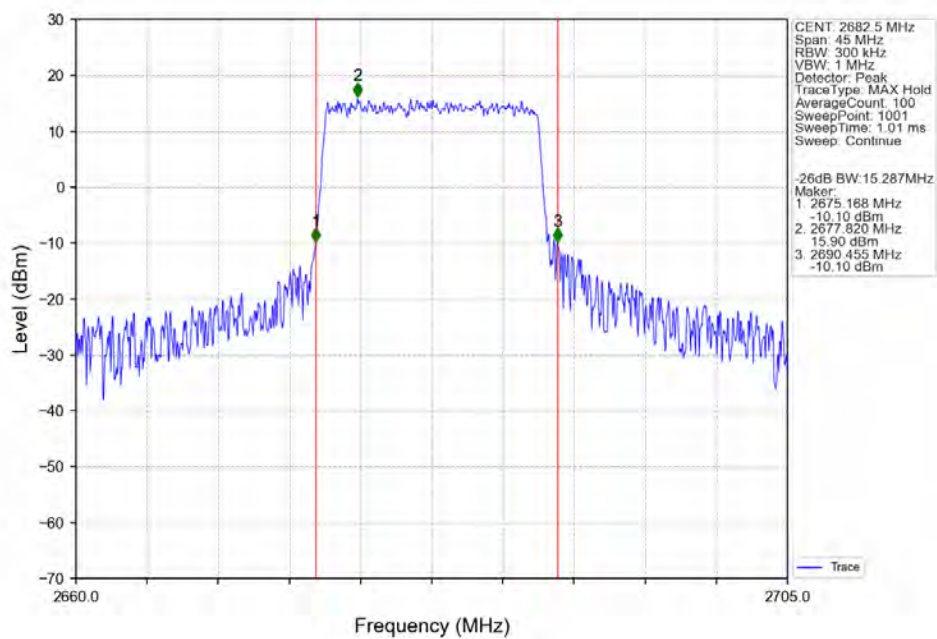
Band41 15MHz 256QAM LCH 2503.5MHz RB 75 0 NTNV



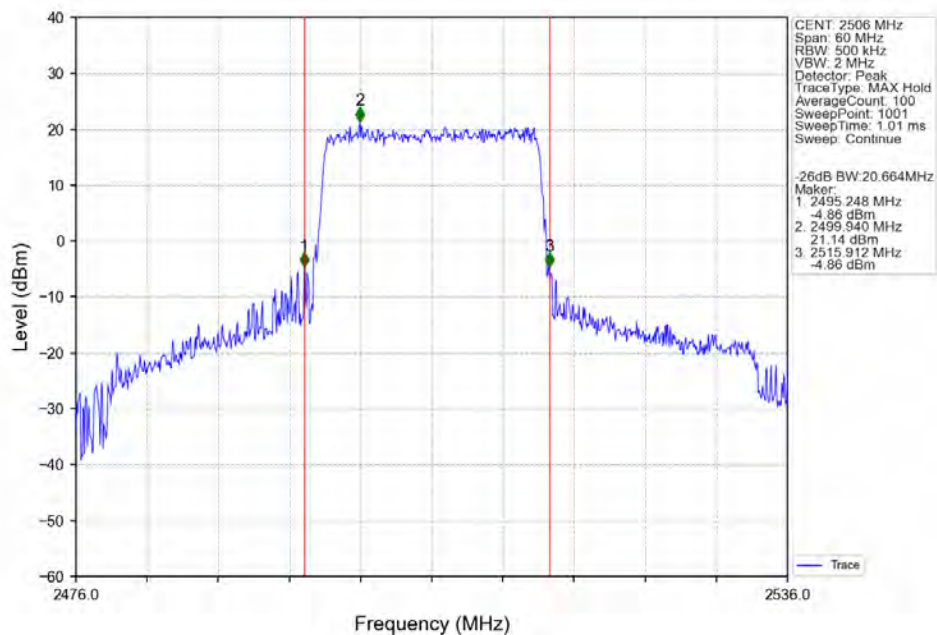
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



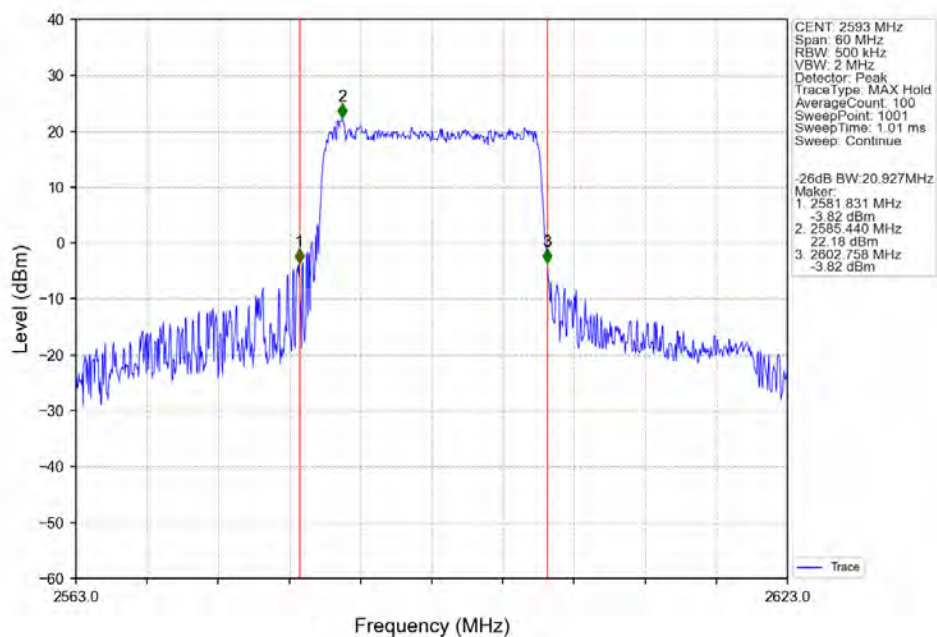
Band41 15MHz 256QAM HCH 2682.5MHz RB 75 0 NTNV



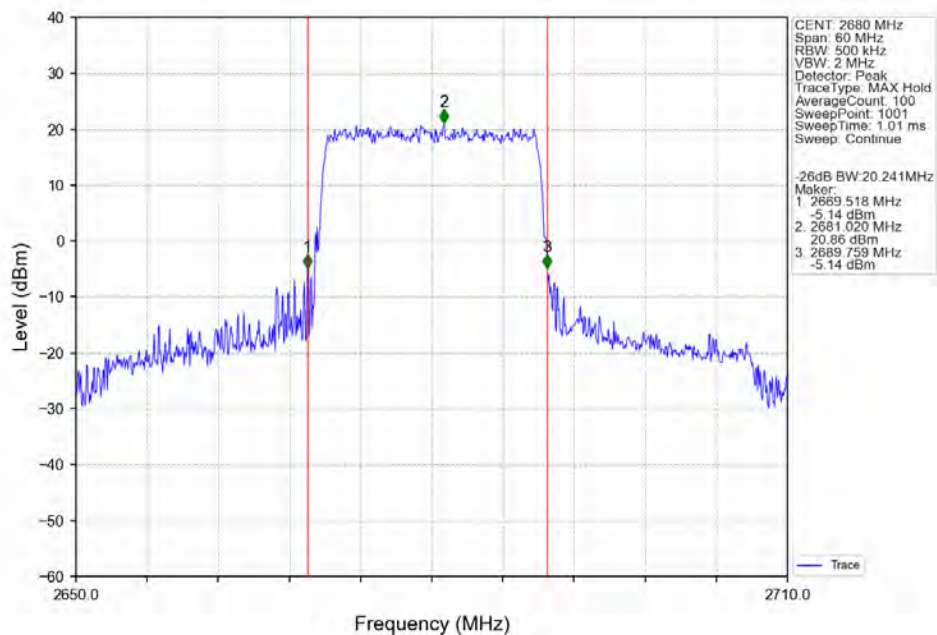
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



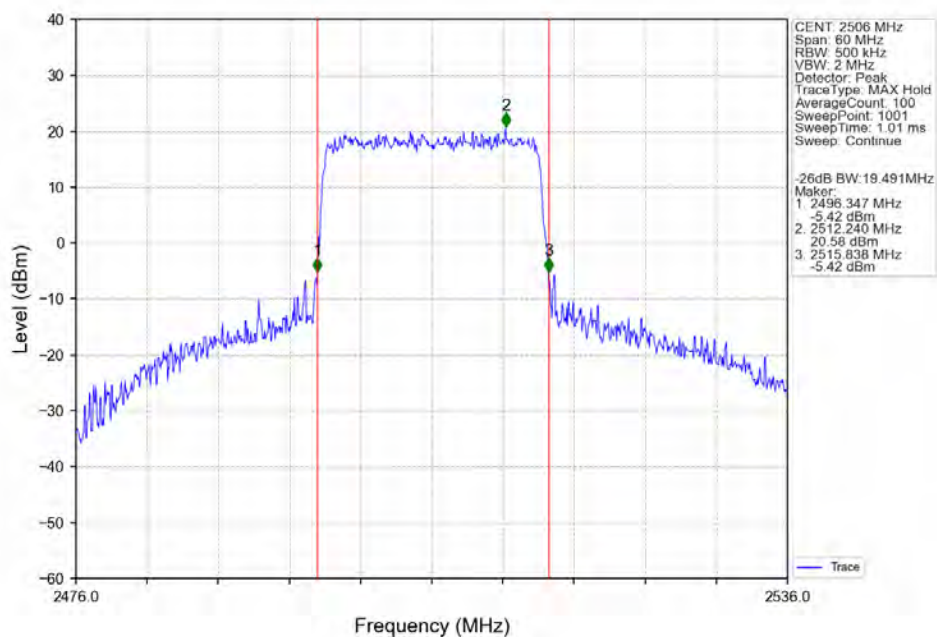
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



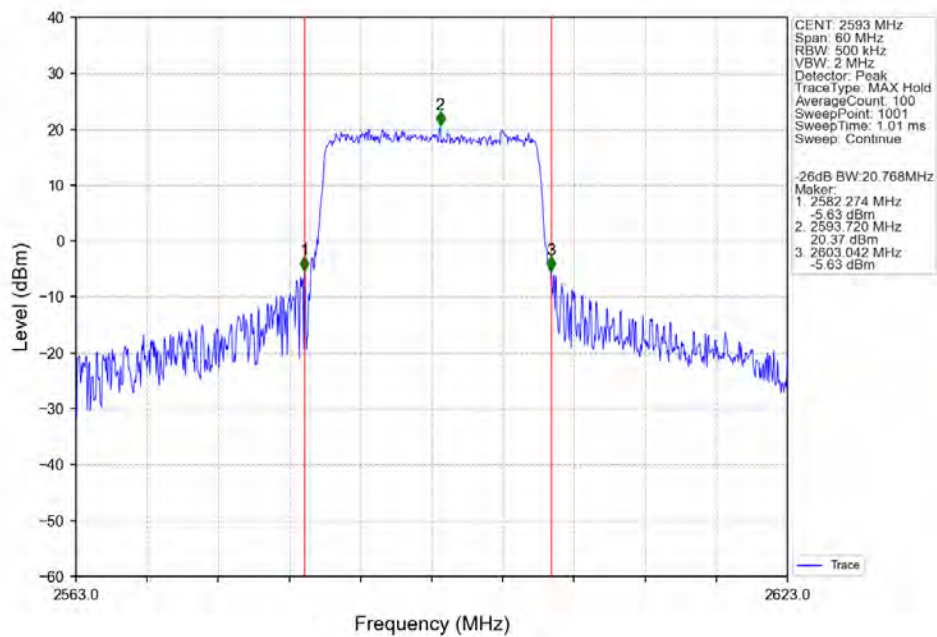
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



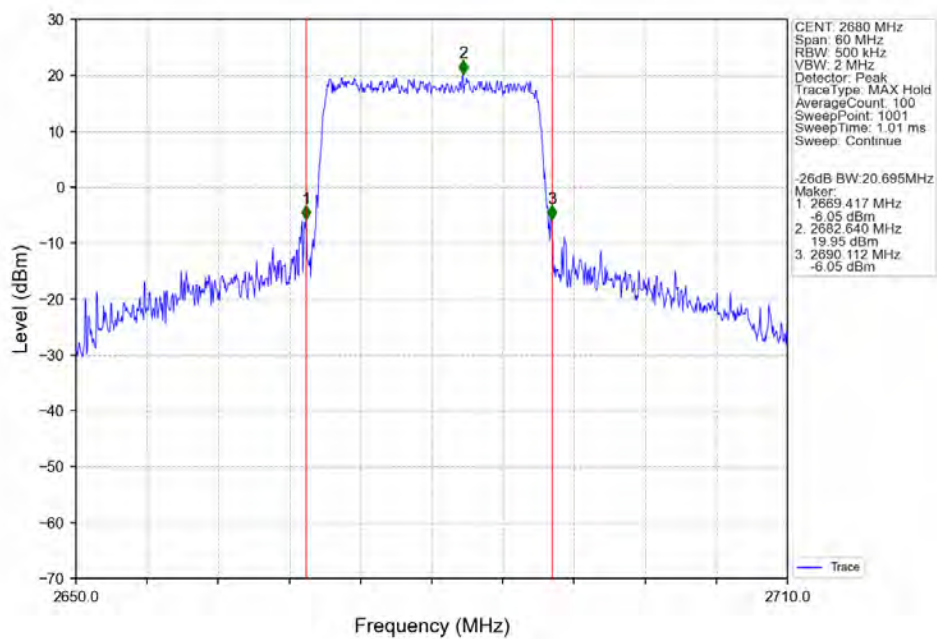
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



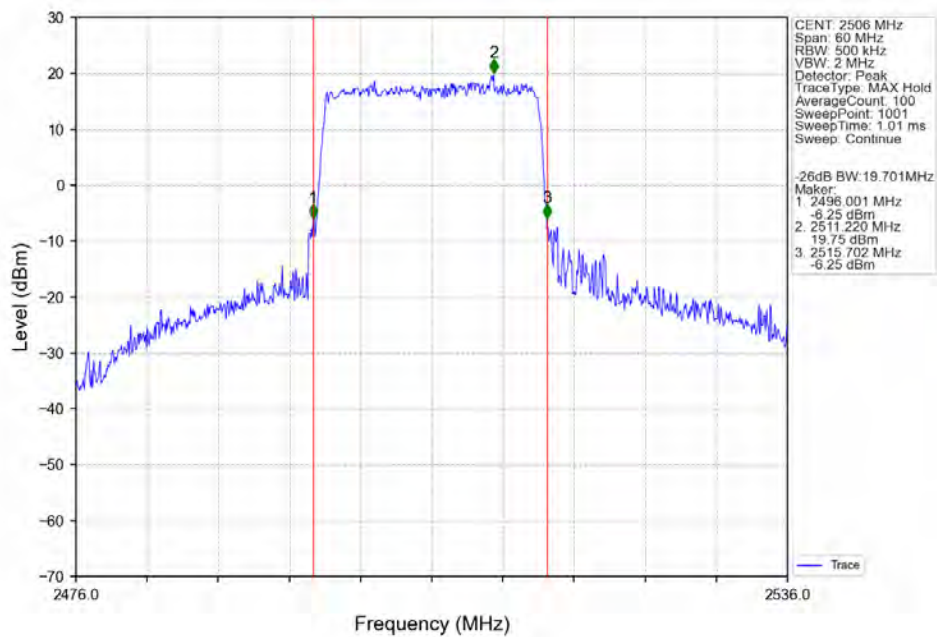
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



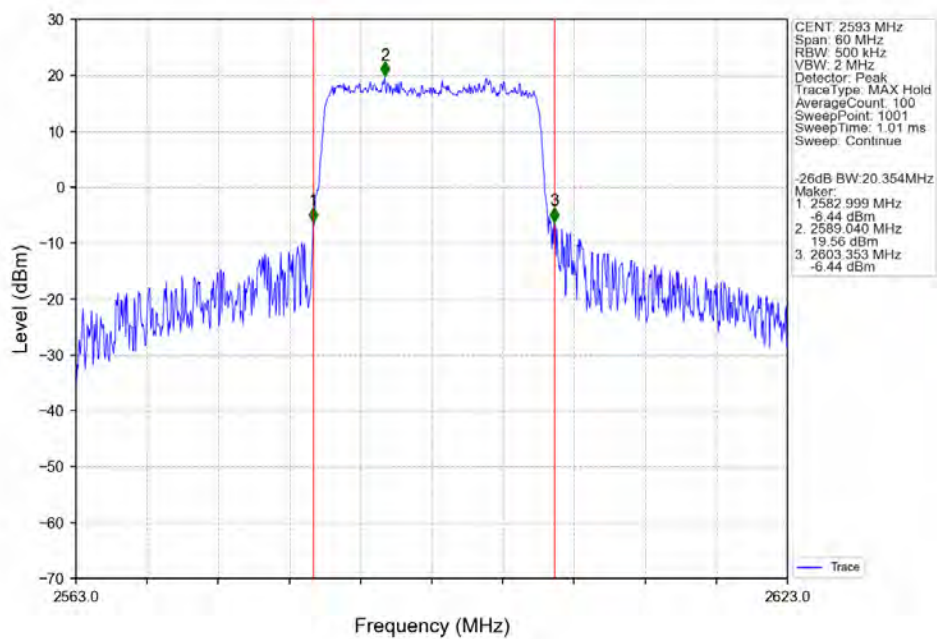
Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



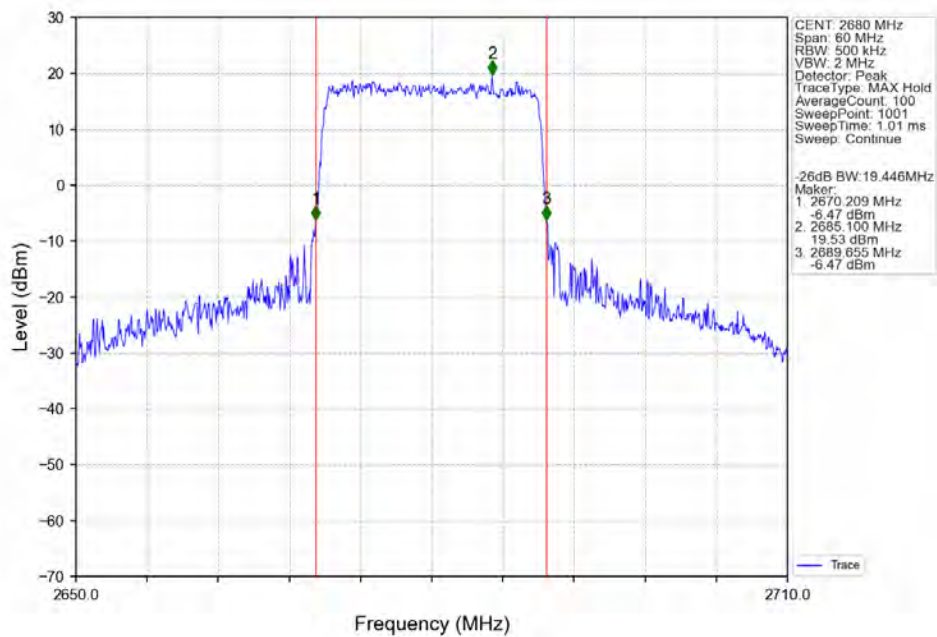
Band41 20MHz 64QAM LCH 2506MHz RB 100 0 NTNV



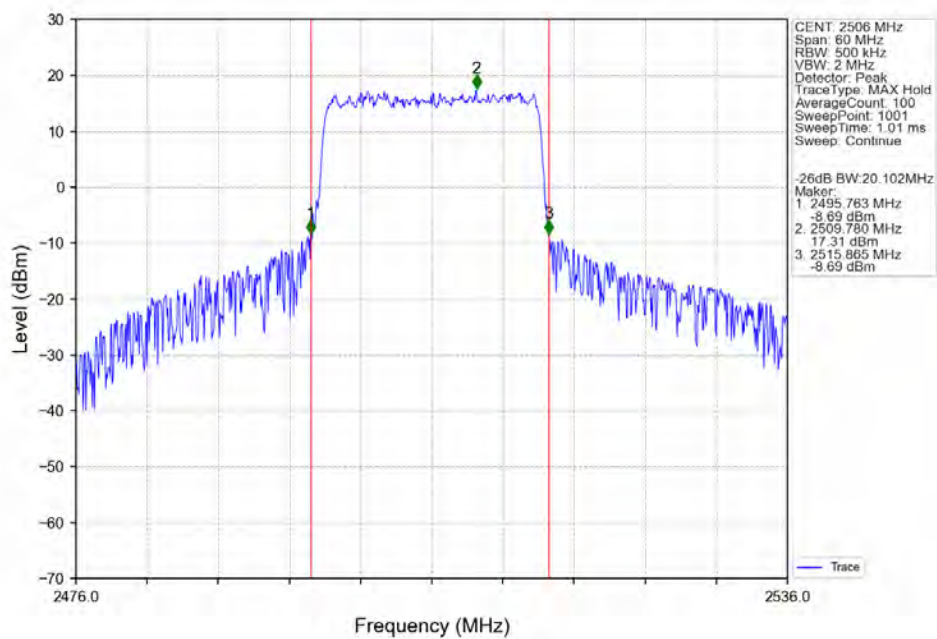
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTNV



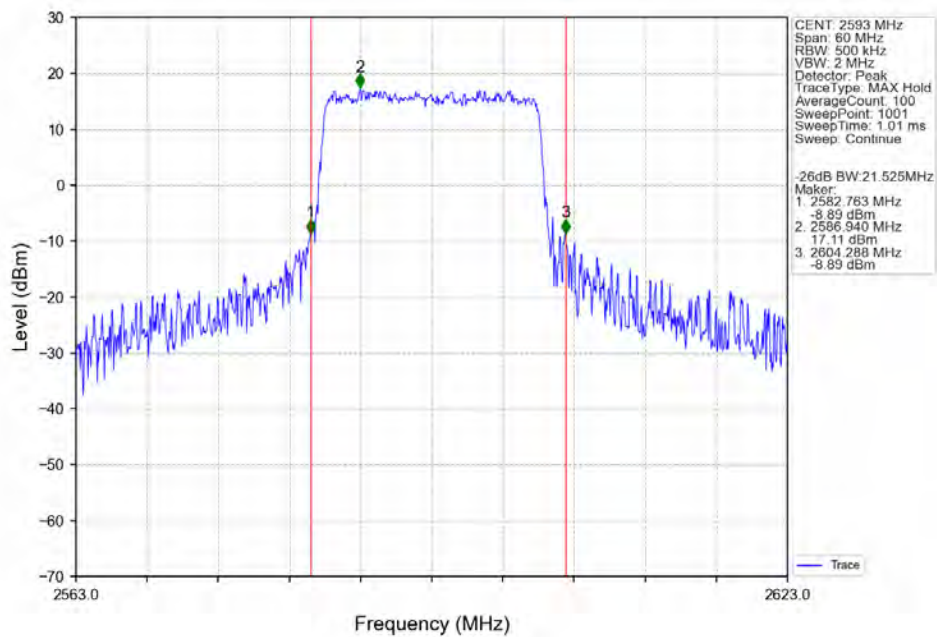
Band41 20MHz 64QAM HCH 2680MHz RB 100 0 NTNV



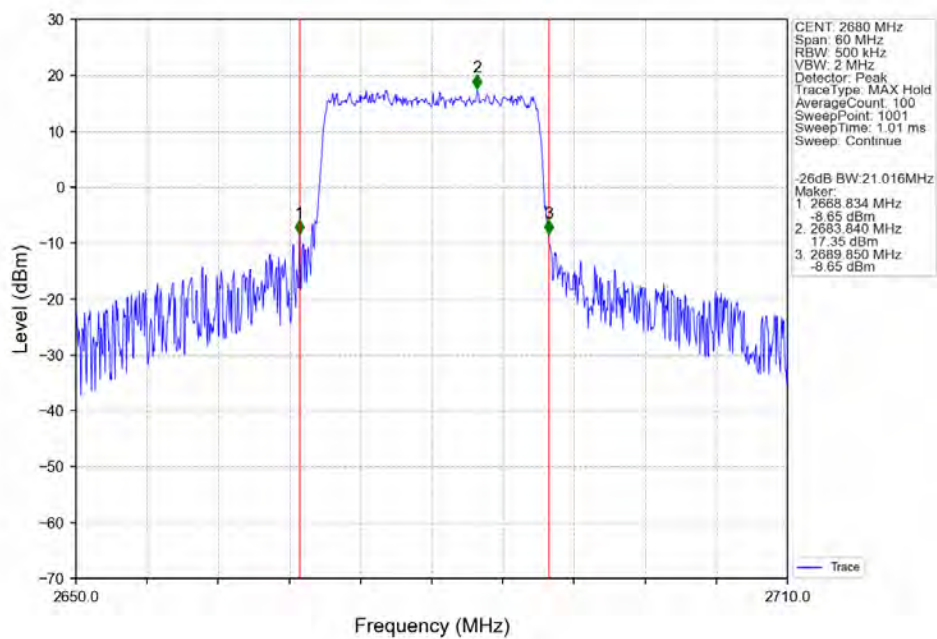
Band41 20MHz 256QAM LCH 2506MHz RB 100 0 NTNV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



Band41 20MHz 256QAM HCH 2680MHz RB 100 0 NTN



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 B41\_5MHz

| Band: 41 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2498.5          | 25            | 0      | 5.00                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 5.28                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 5.56                    | <=13  | Pass    |
| 16QAM                             | 2498.5          | 25            | 0      | 5.10                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 6.32                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 5.66                    | <=13  | Pass    |
| 64QAM                             | 2498.5          | 25            | 0      | 5.18                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 7.34                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 5.66                    | <=13  | Pass    |
| 256QAM                            | 2498.5          | 25            | 0      | 9.30                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 9.30                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 9.58                    | <=13  | Pass    |

#### 4.1.2 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2501            | 50            | 0      | 5.56                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 5.46                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 5.76                    | <=13  | Pass    |
| 16QAM                              | 2501            | 50            | 0      | 6.60                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 6.50                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 6.78                    | <=13  | Pass    |
| 64QAM                              | 2501            | 50            | 0      | 7.54                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 7.54                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 7.72                    | <=13  | Pass    |
| 256QAM                             | 2501            | 50            | 0      | 9.58                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 9.48                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 9.76                    | <=13  | Pass    |

#### 4.1.3 B41\_15MHz

| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2503.5          | 75            | 0      | 5.66                    | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 5.38                    | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 5.56                    | <=13  | Pass    |
| 16QAM                              | 2503.5          | 75            | 0      | 6.42                    | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 8.46                    | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 6.78                    | <=13  | Pass    |
| 64QAM                              | 2503.5          | 75            | 0      | 7.72                    | <=13  | Pass    |

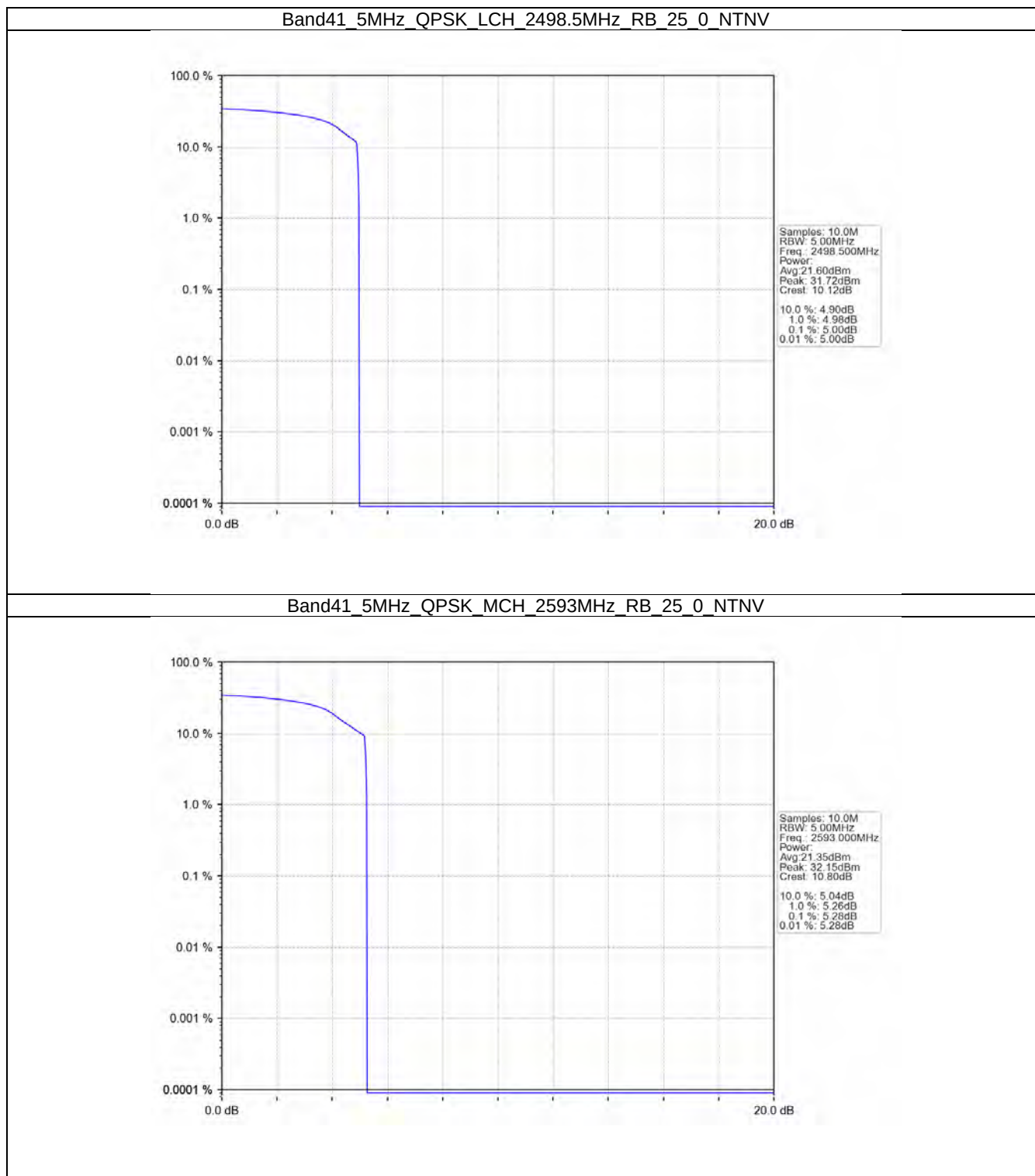
|        |        |    |   |      |      |      |
|--------|--------|----|---|------|------|------|
| 256QAM | 2593   | 75 | 0 | 7.16 | <=13 | Pass |
|        | 2682.5 | 75 | 0 | 7.26 | <=13 | Pass |
|        | 2503.5 | 75 | 0 | 9.76 | <=13 | Pass |
|        | 2593   | 75 | 0 | 9.12 | <=13 | Pass |
|        | 2682.5 | 75 | 0 | 9.30 | <=13 | Pass |

## 4.1.4 B41\_20MHz

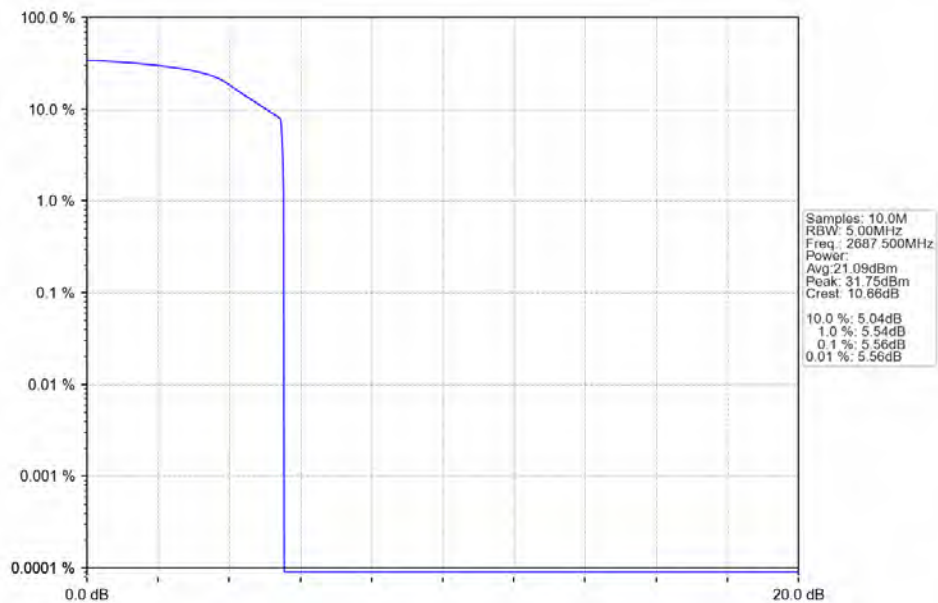
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2506            | 100           | 0      | 5.18                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 4.90                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 5.28                    | <=13  | Pass    |
| 16QAM                              | 2506            | 100           | 0      | 6.32                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 5.76                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 6.22                    | <=13  | Pass    |
| 64QAM                              | 2506            | 100           | 0      | 7.16                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 6.88                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 6.88                    | <=13  | Pass    |
| 256QAM                             | 2506            | 100           | 0      | 9.02                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 9.02                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 9.20                    | <=13  | Pass    |

## 4.2 Test Graph

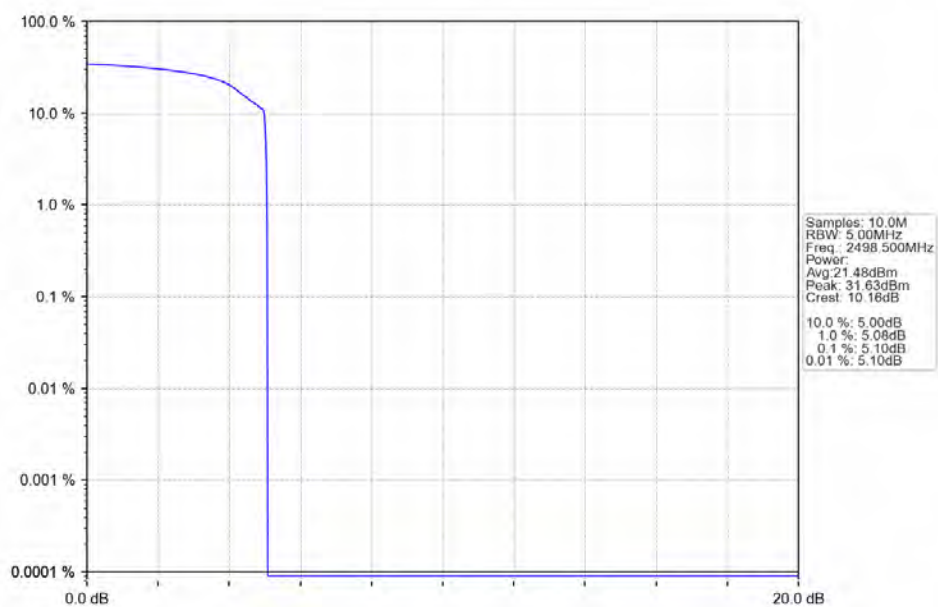
### 4.2.1 B41\_5MHz



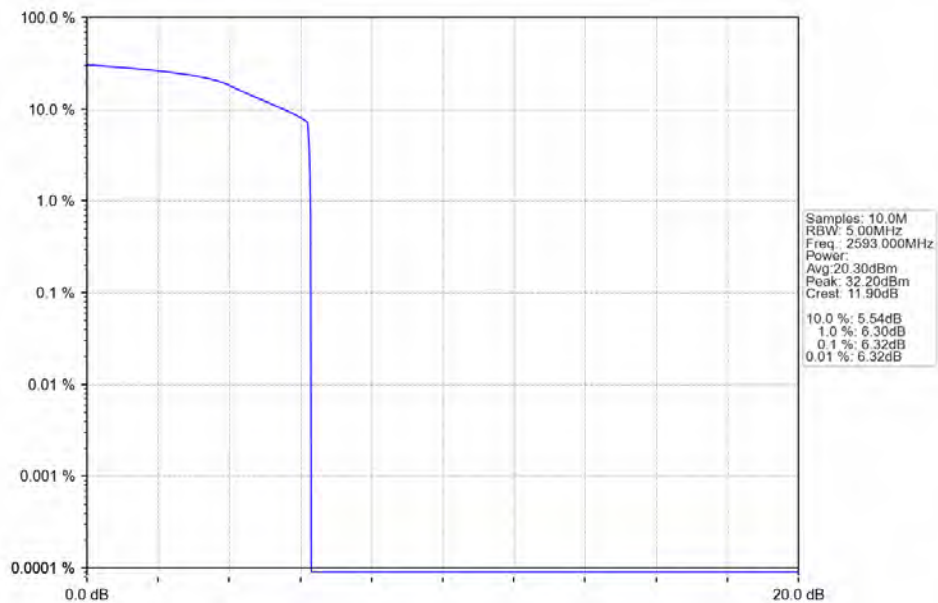
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



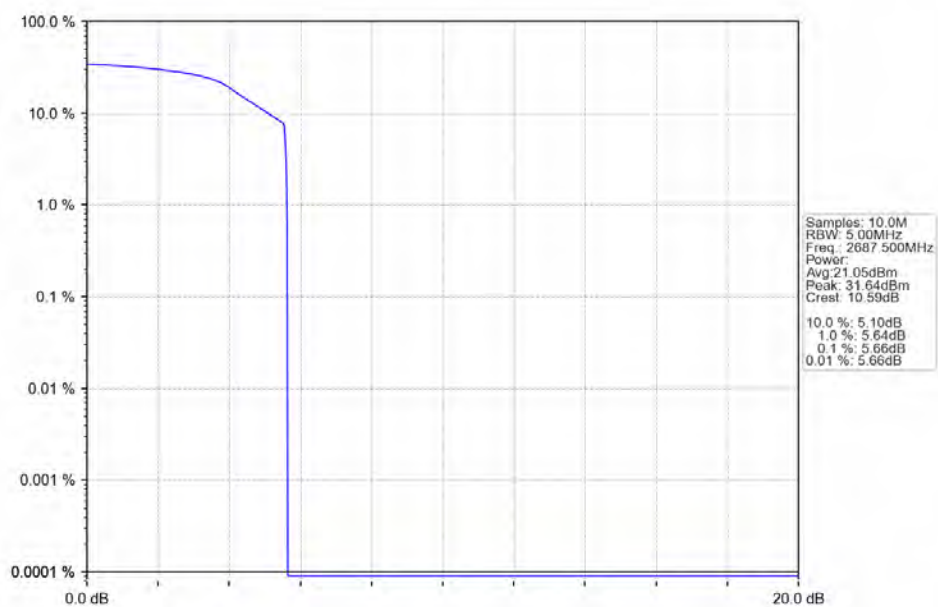
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



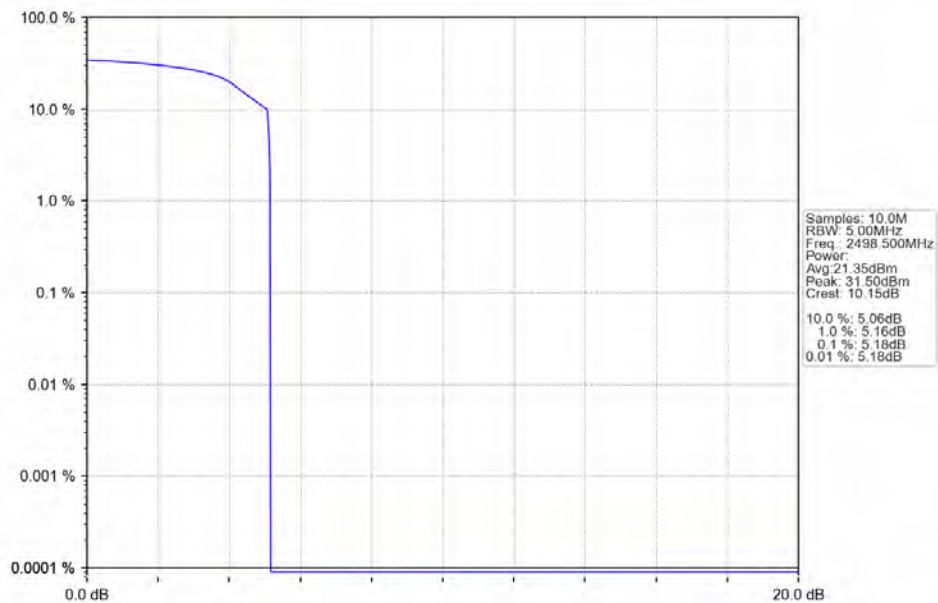
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



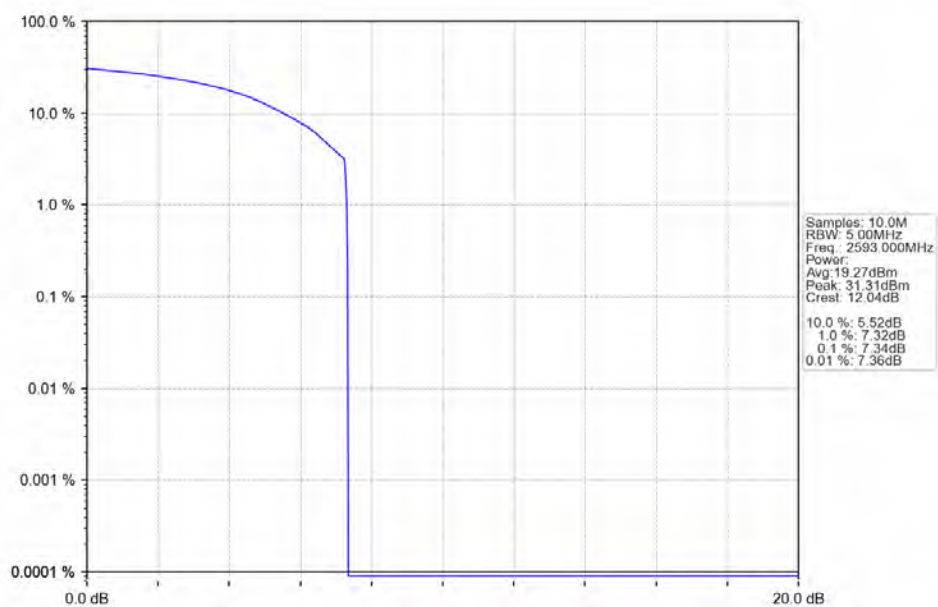
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



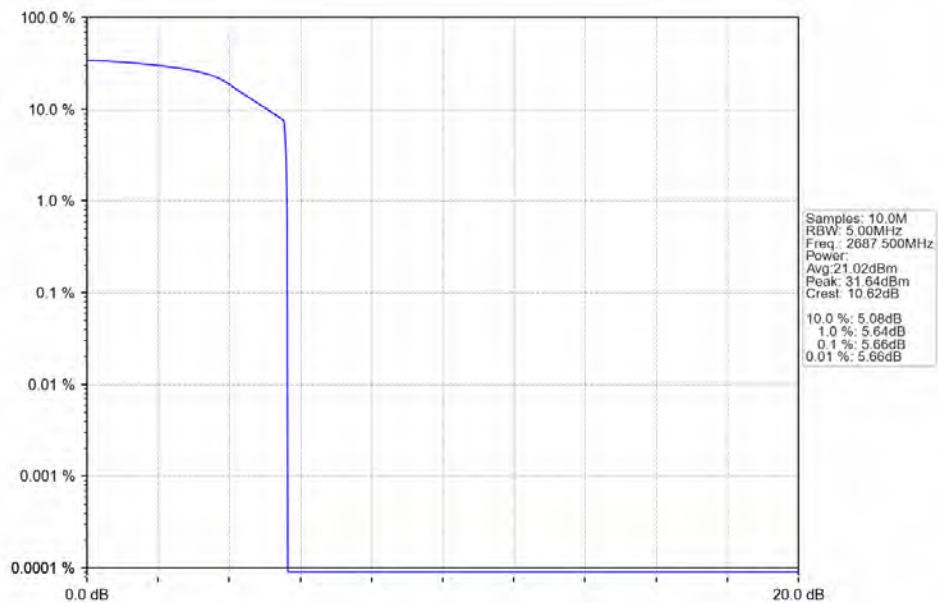
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



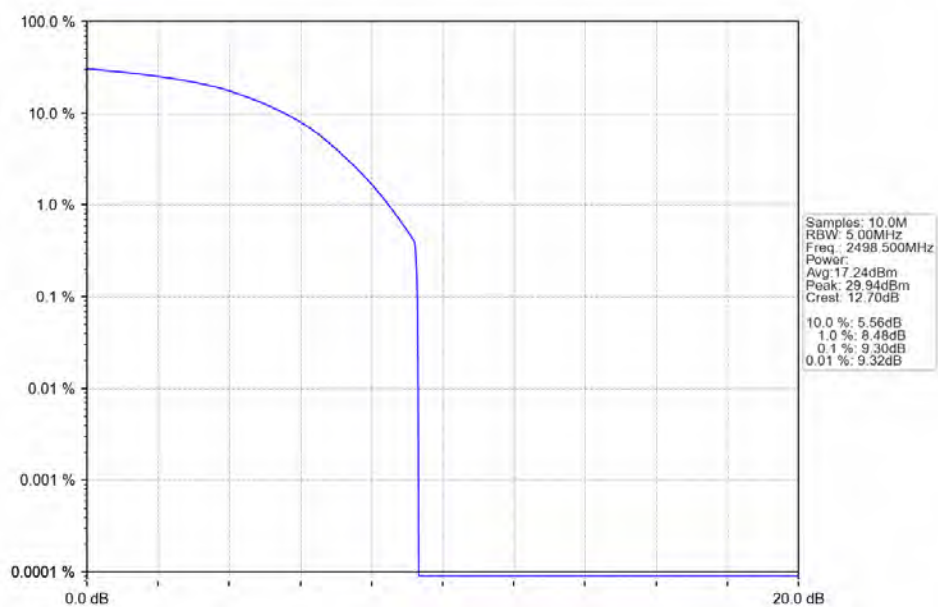
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



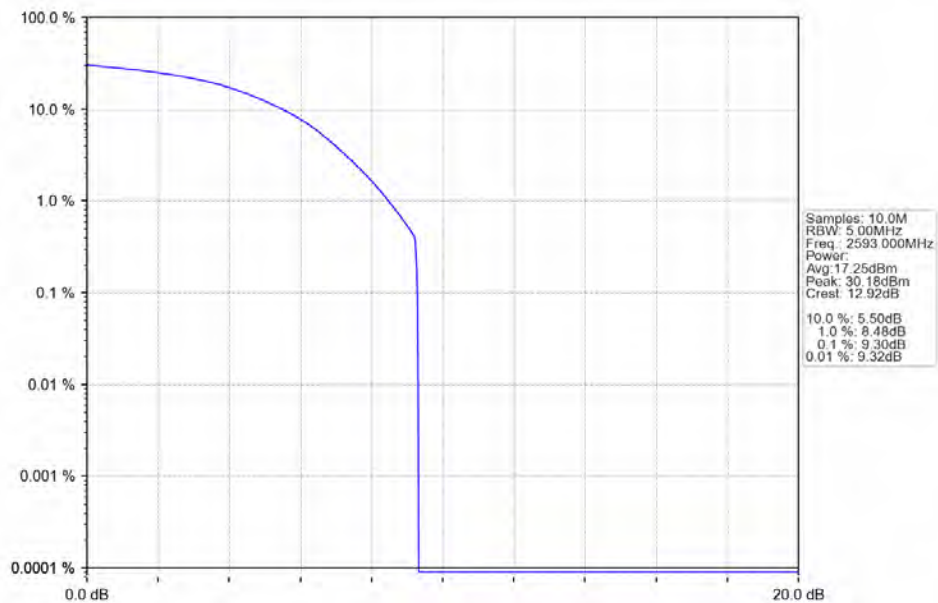
Band41 5MHz 64QAM HCH 2687.5MHz RB 25 0 NTNV



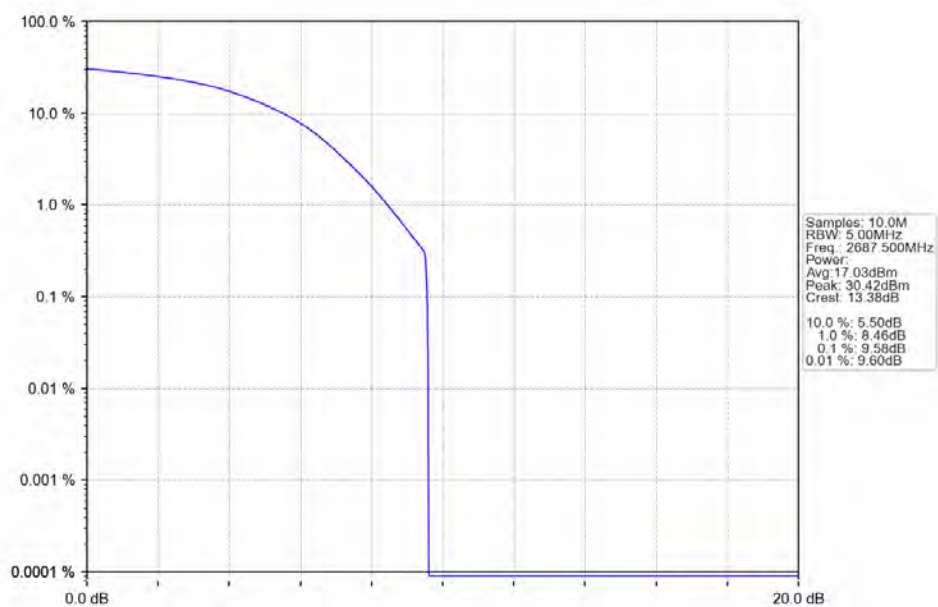
Band41 5MHz 256QAM LCH 2498.5MHz RB 25 0 NTNV



Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV

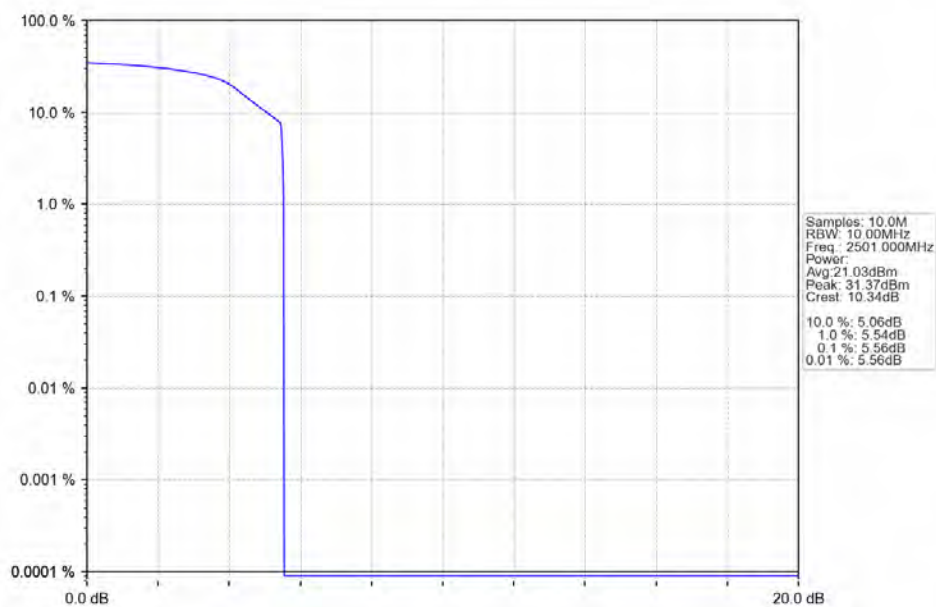


Band41 5MHz 256QAM HCH 2687.5MHz RB 25 0 NTNV

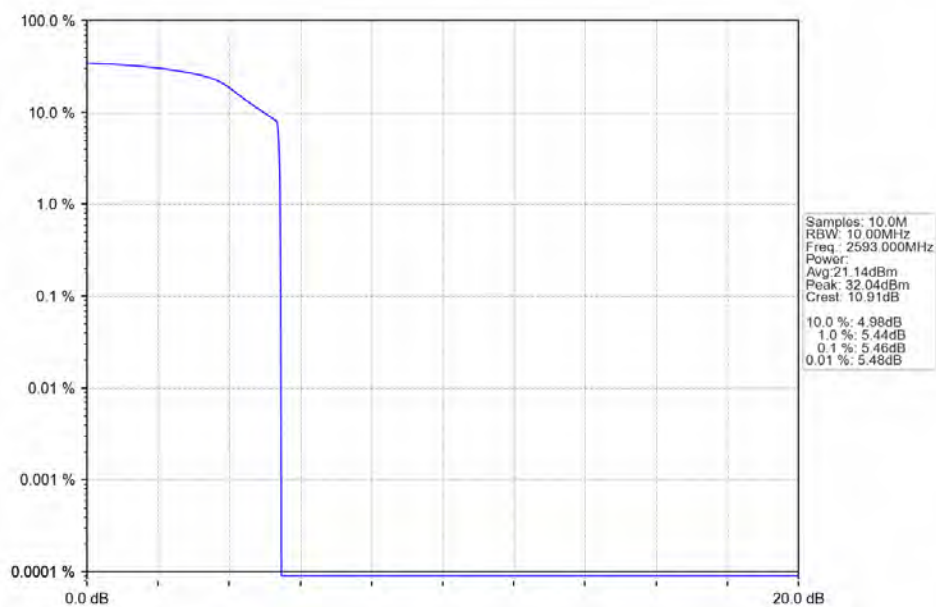


## 4.2.2 B41\_10MHz

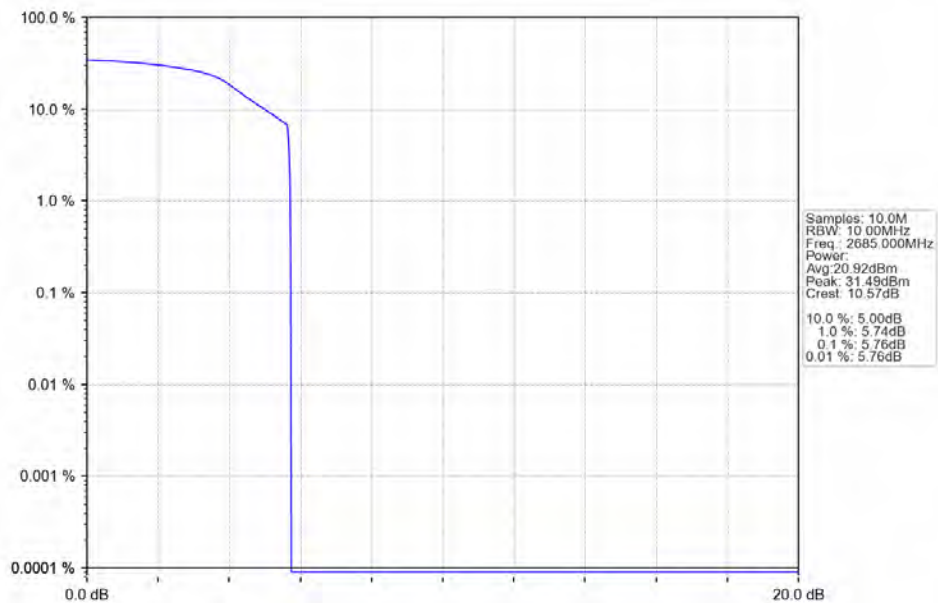
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



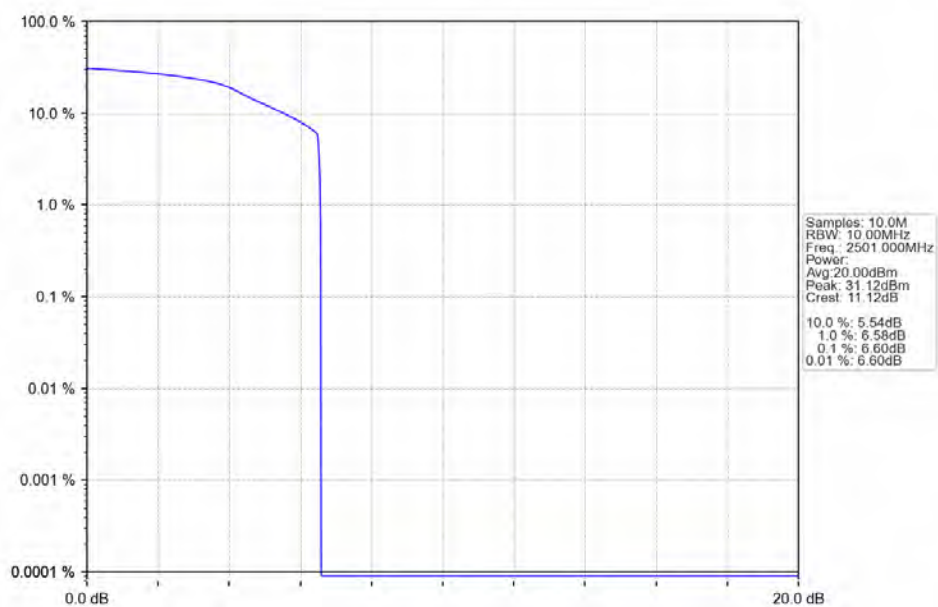
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



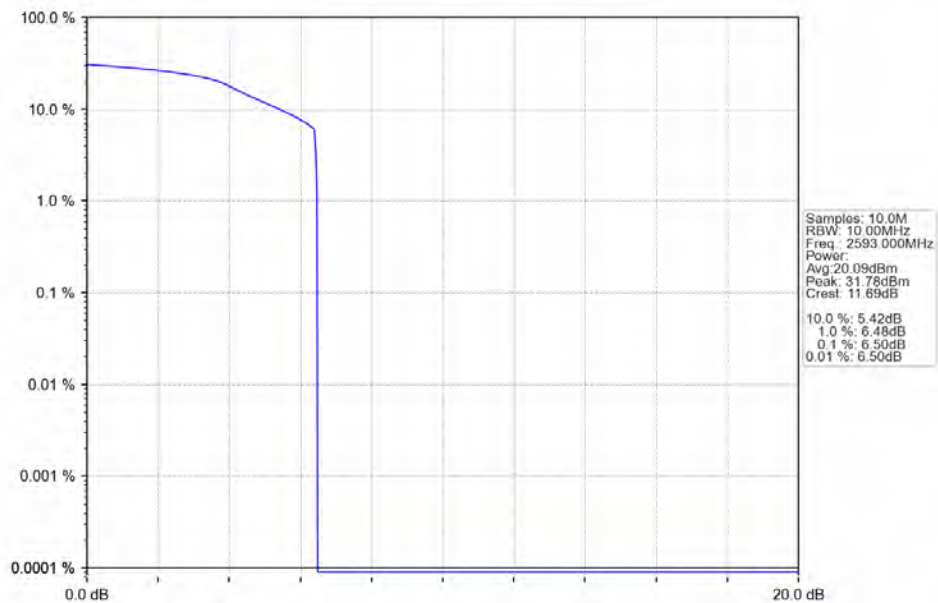
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



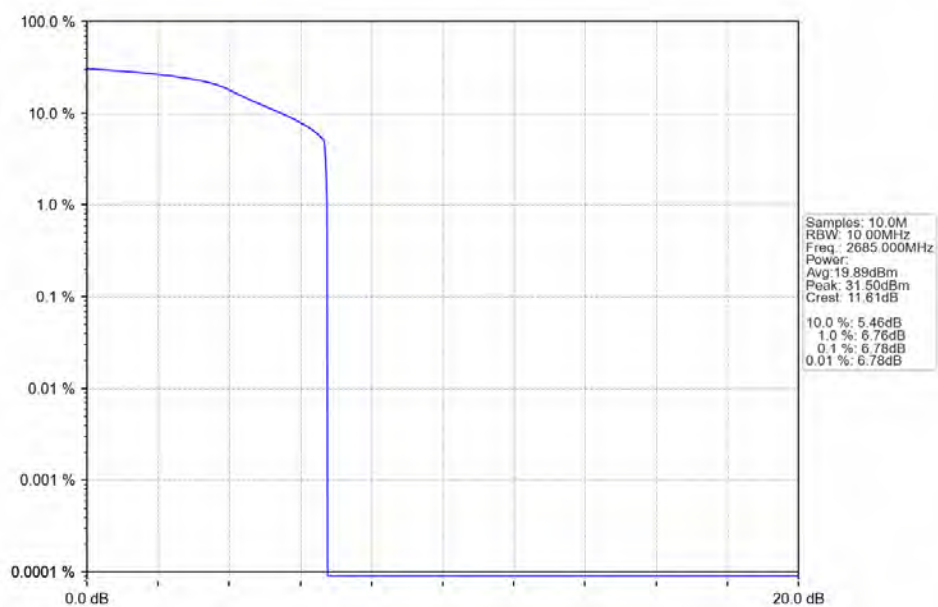
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



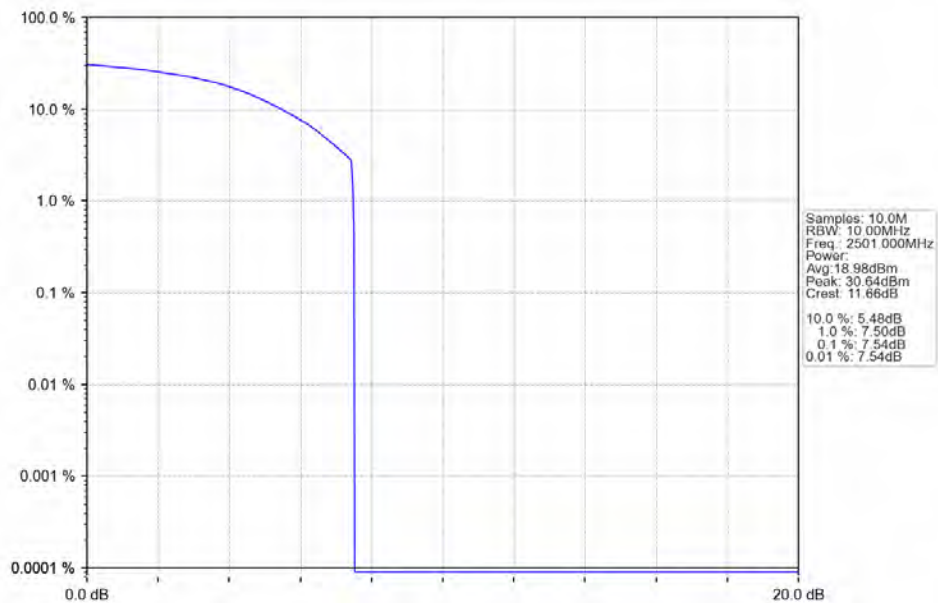
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



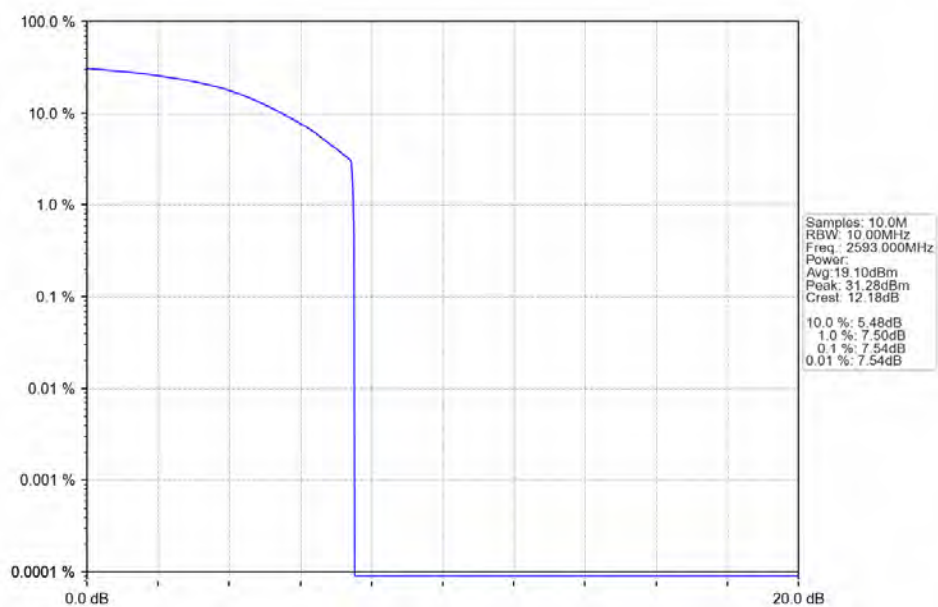
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



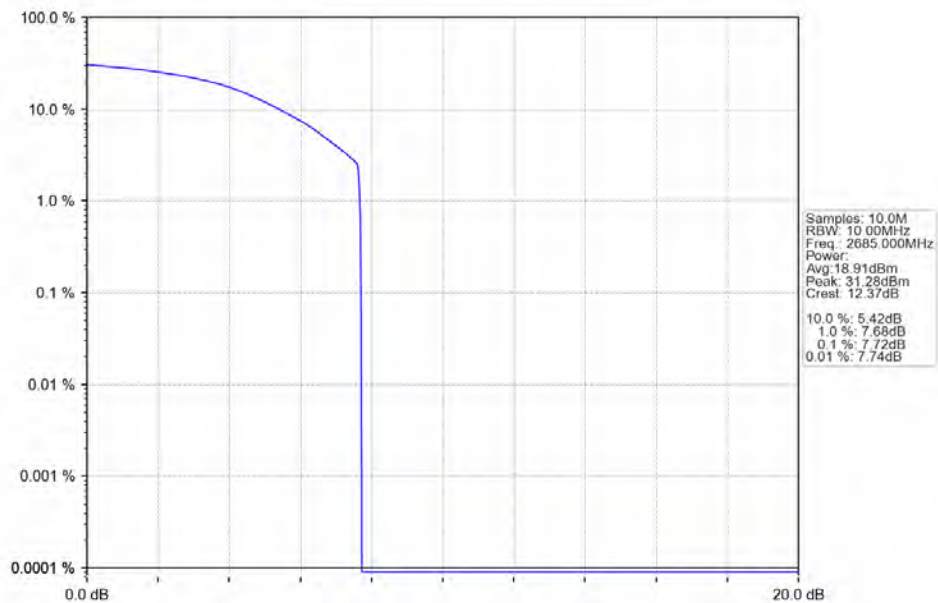
Band41 10MHz 64QAM LCH 2501MHz RB 50 0 NTV



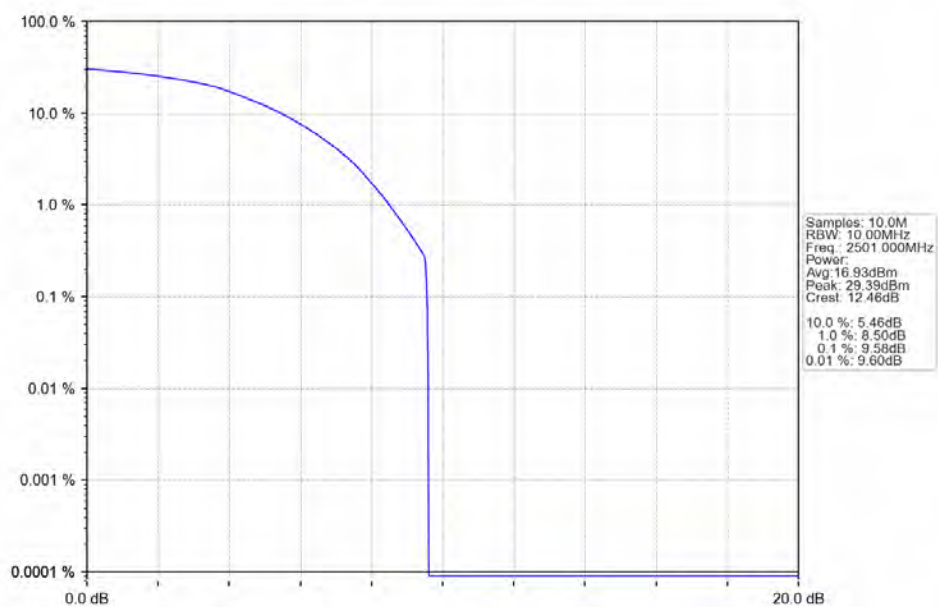
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTV



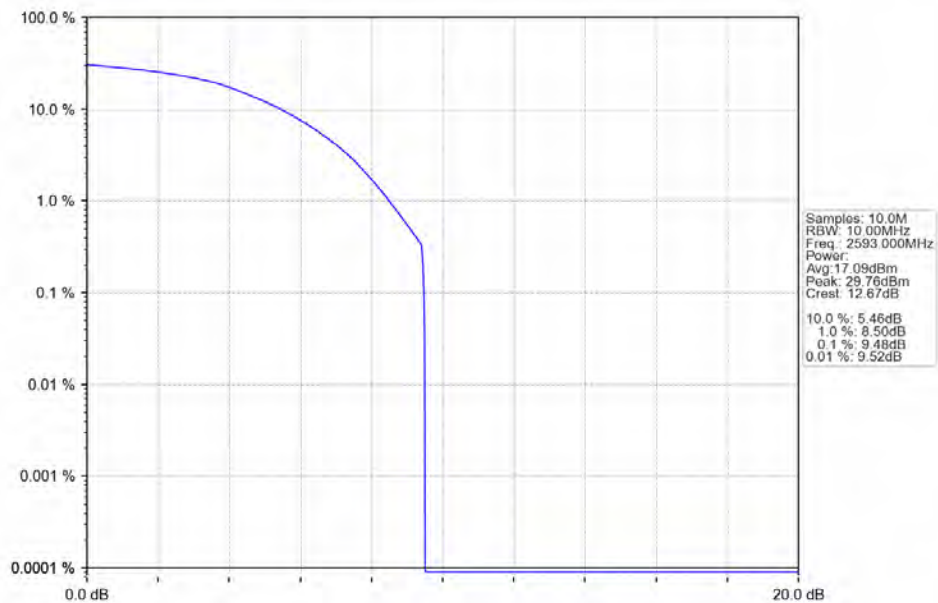
Band41 10MHz 64QAM HCH 2685MHz RB 50 0 NTNV



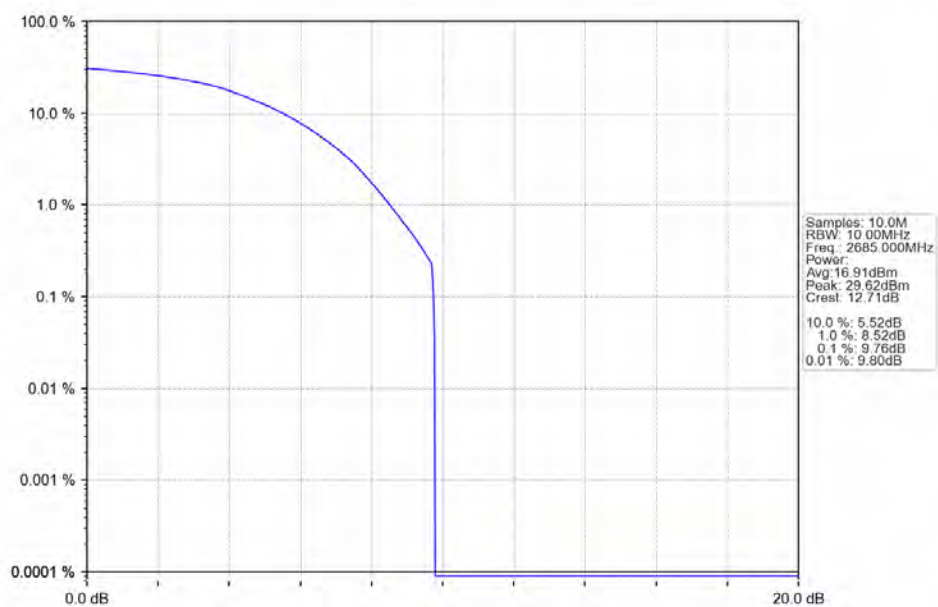
Band41 10MHz 256QAM LCH 2501MHz RB 50 0 NTNV



Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTV

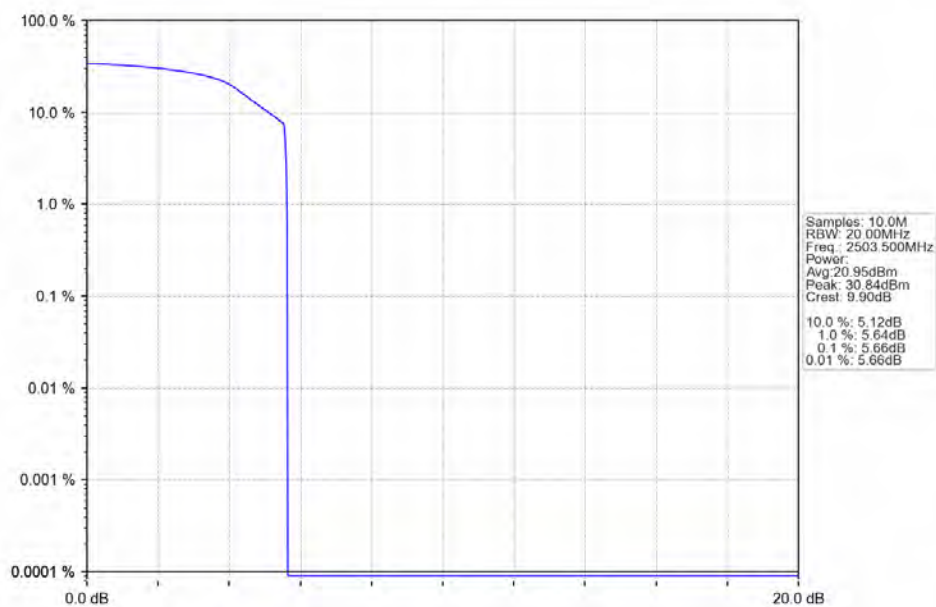


Band41 10MHz 256QAM HCH 2685MHz RB 50 0 NTV

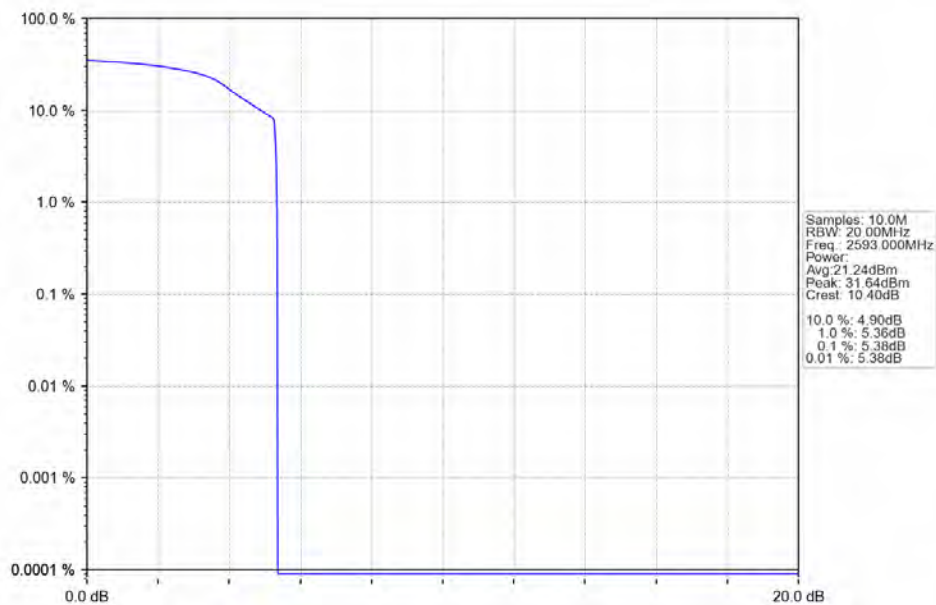


## 4.2.3 B41\_15MHz

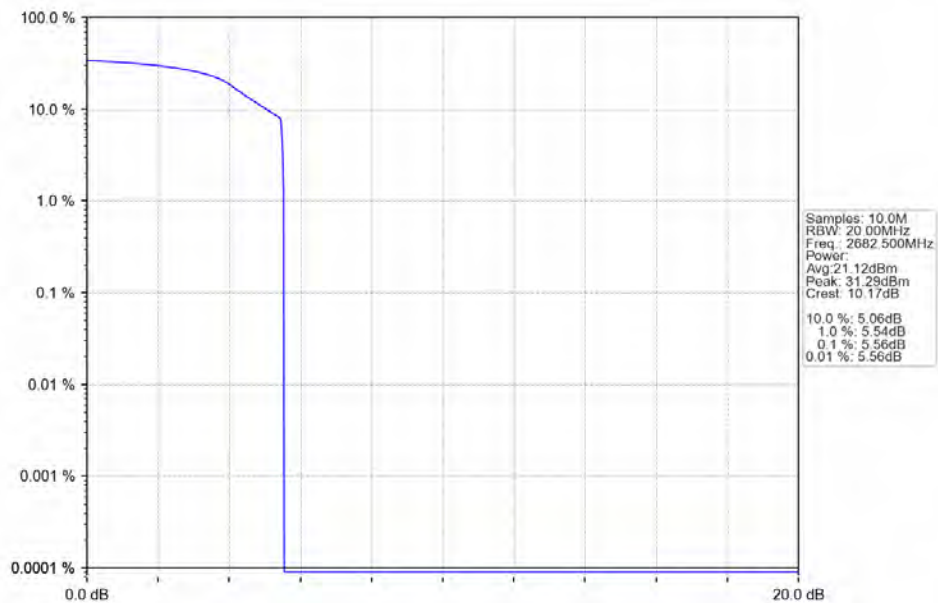
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



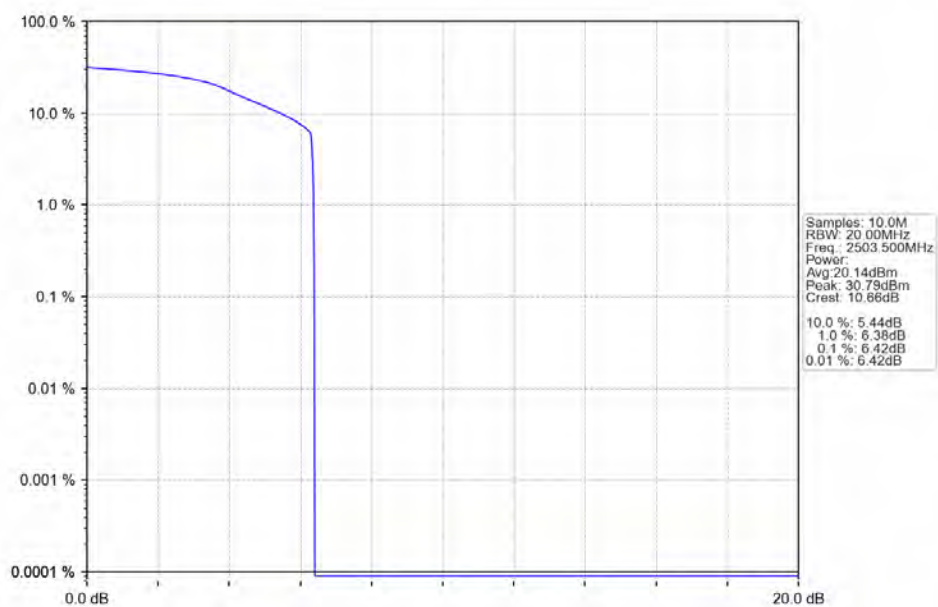
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



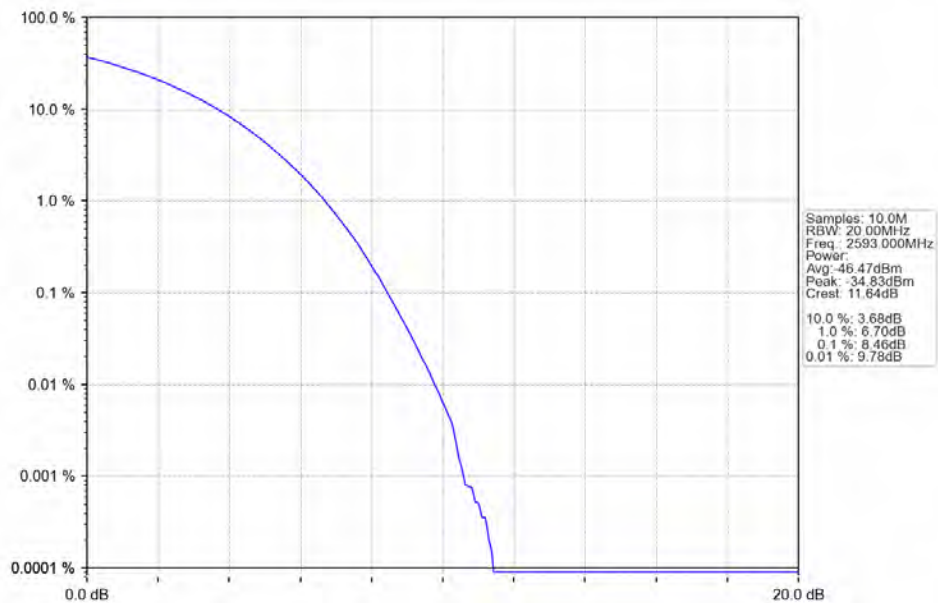
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



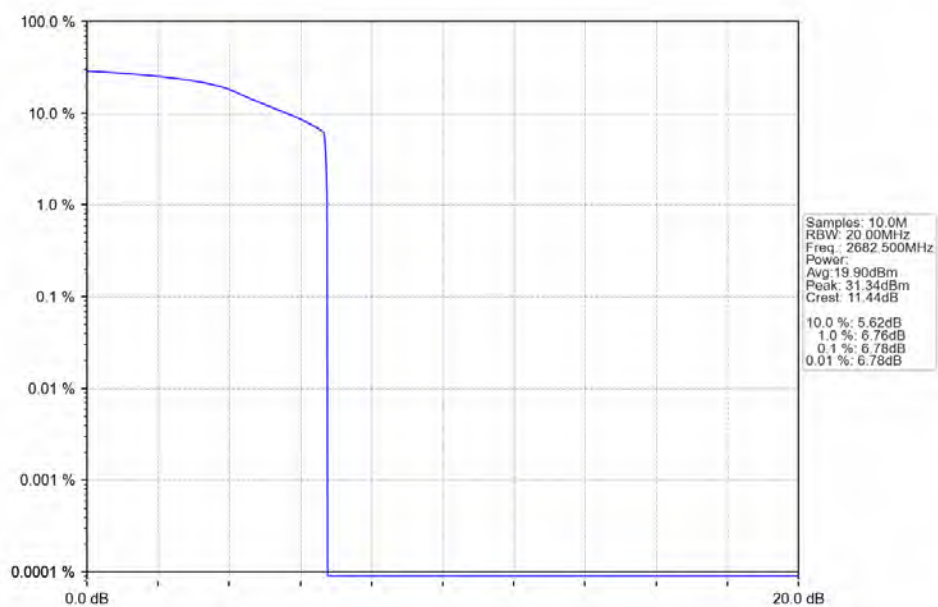
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



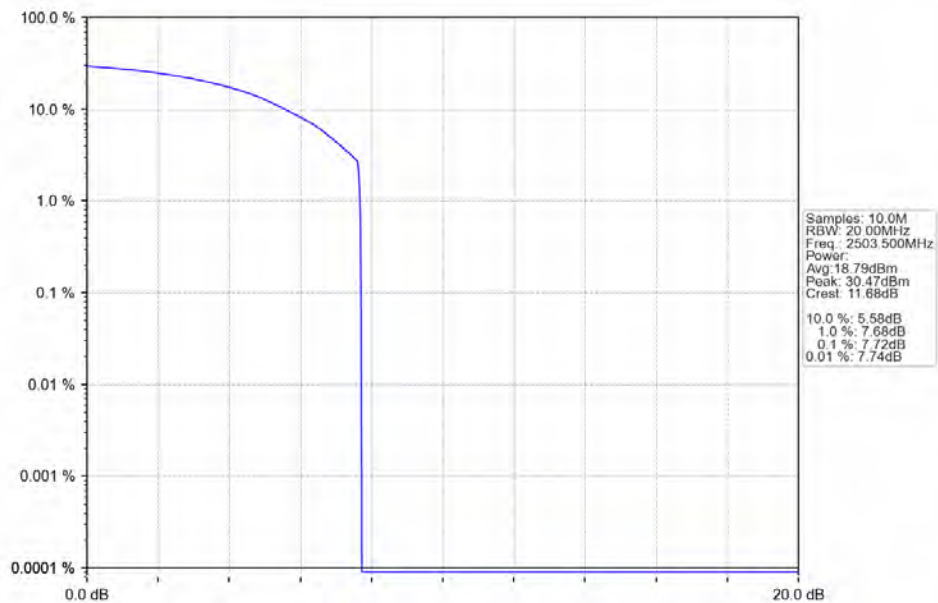
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



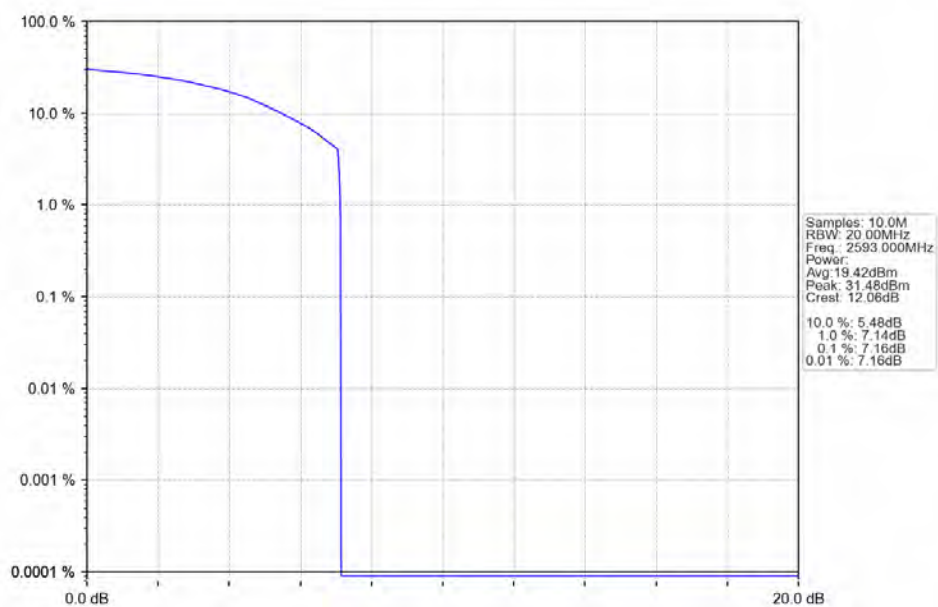
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



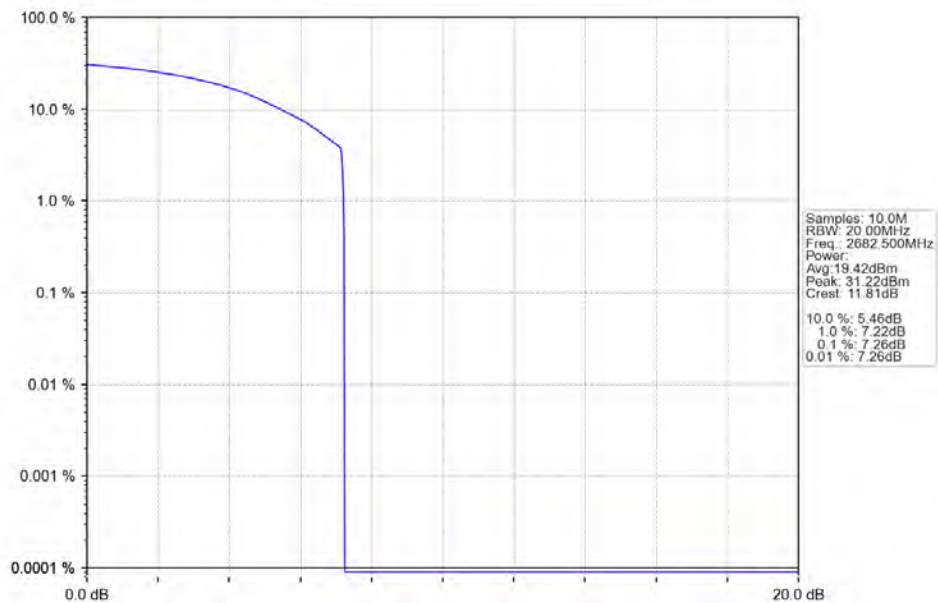
Band41 15MHz 64QAM LCH 2503.5MHz RB 75 0 NTV



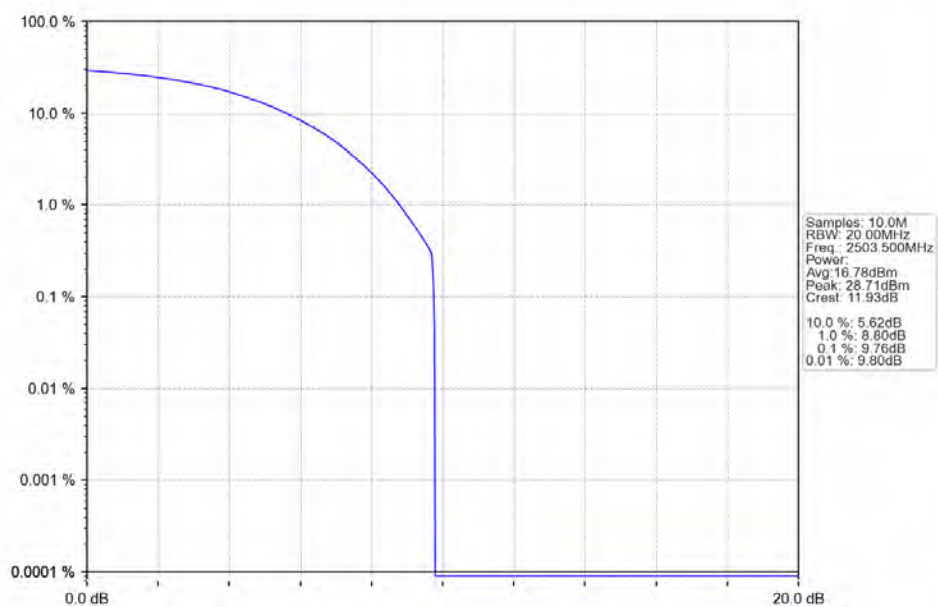
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTV



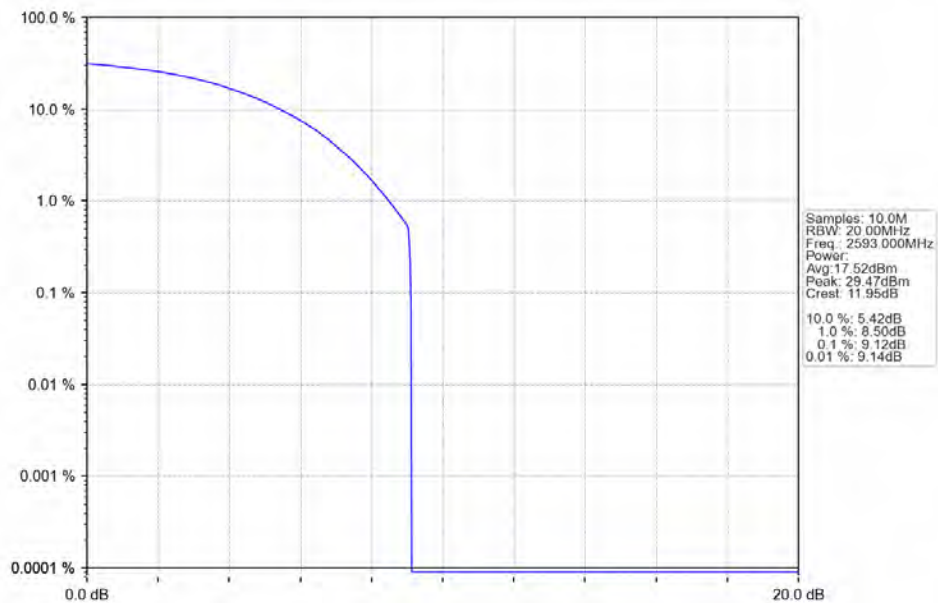
Band41 15MHz 64QAM HCH 2682.5MHz RB 75 0 NTV



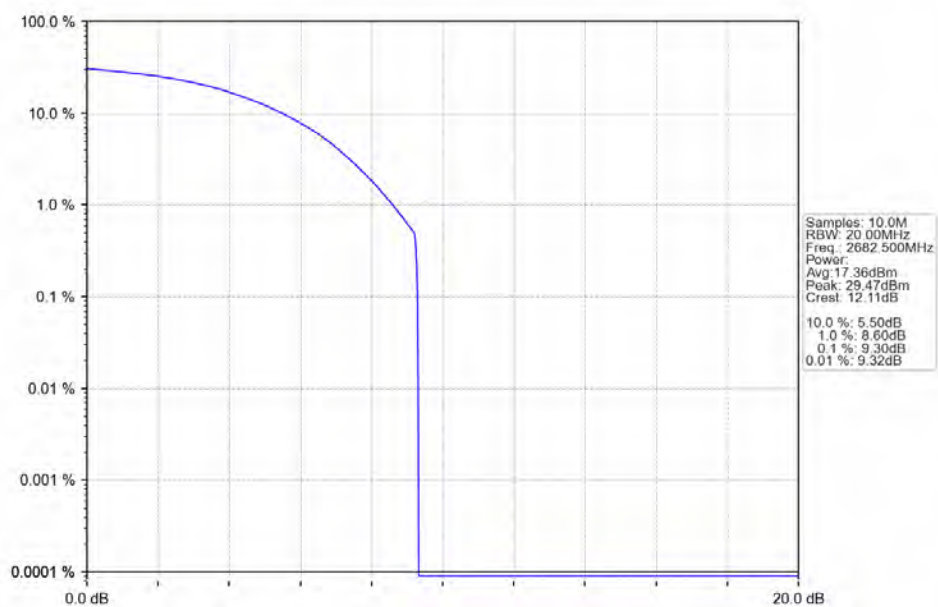
Band41 15MHz 256QAM LCH 2503.5MHz RB 75 0 NTV



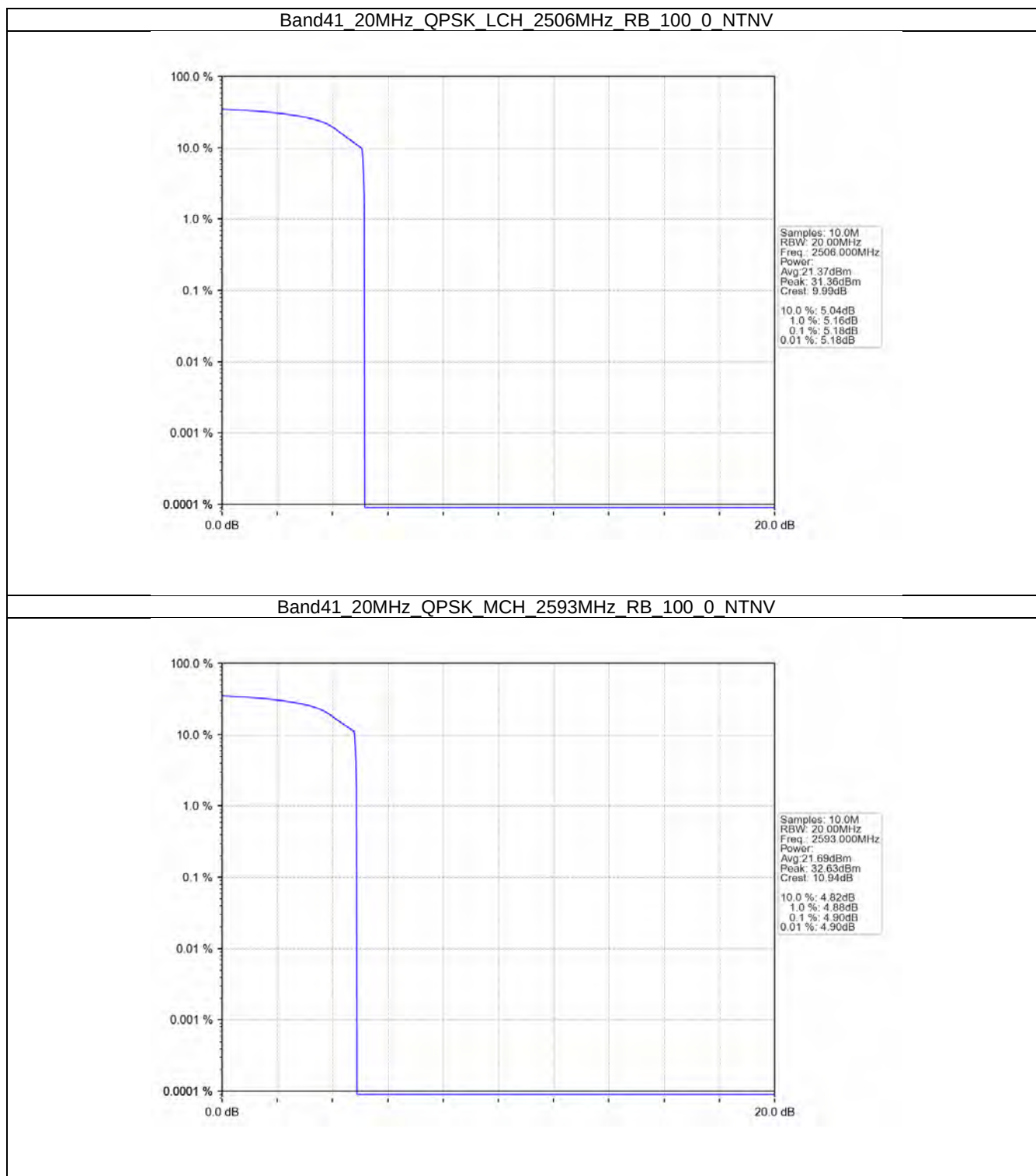
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTV



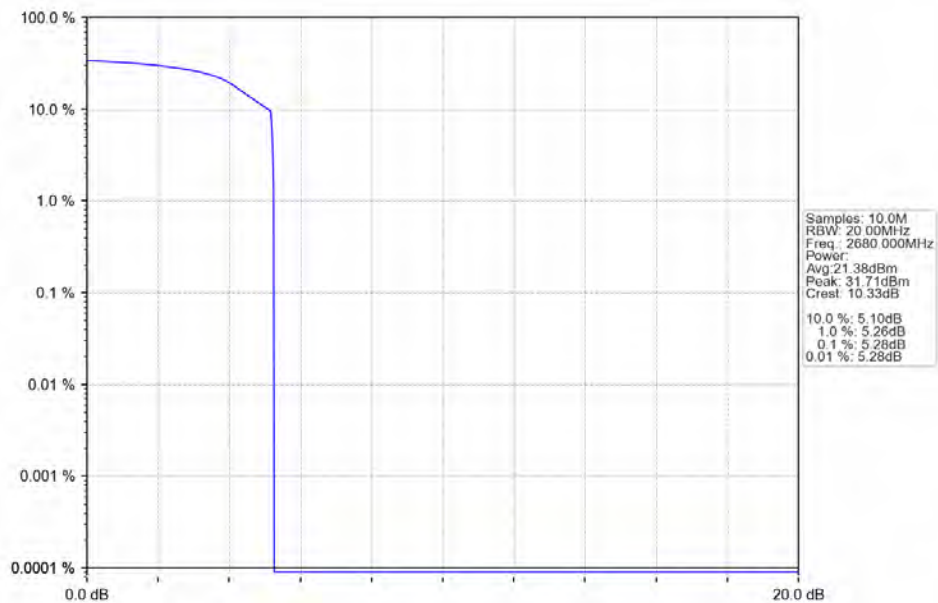
Band41 15MHz 256QAM HCH 2682.5MHz RB 75 0 NTV



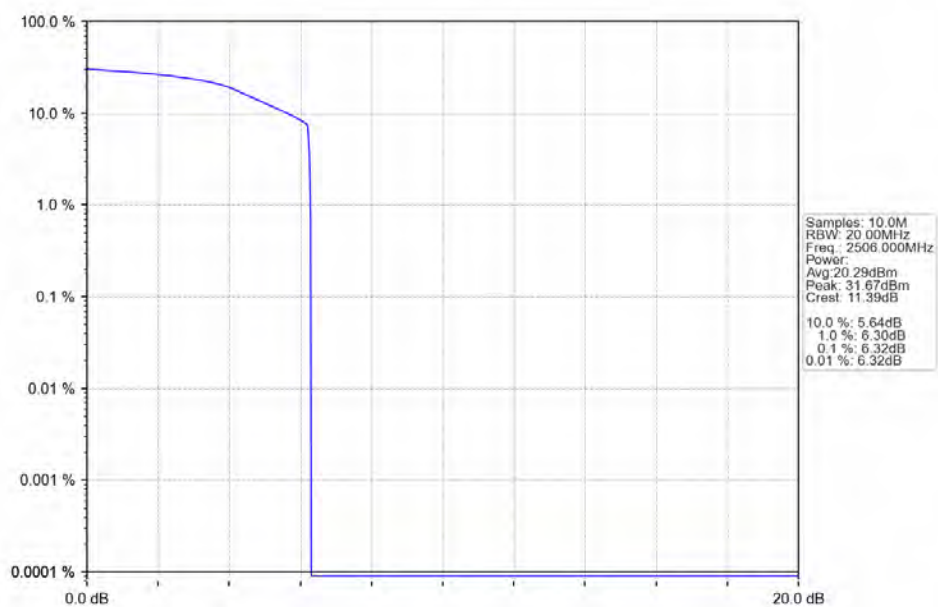
## 4.2.4 B41\_20MHz



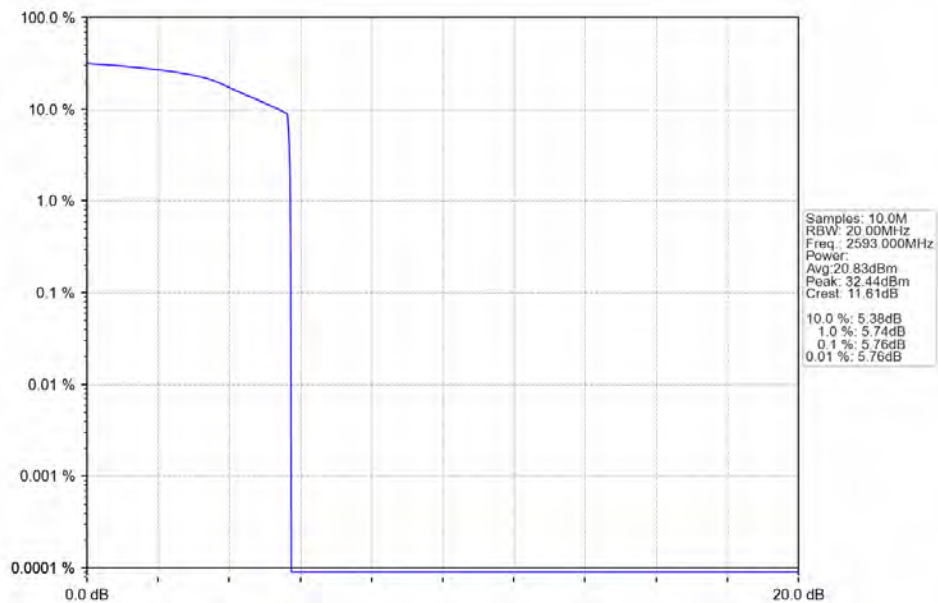
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



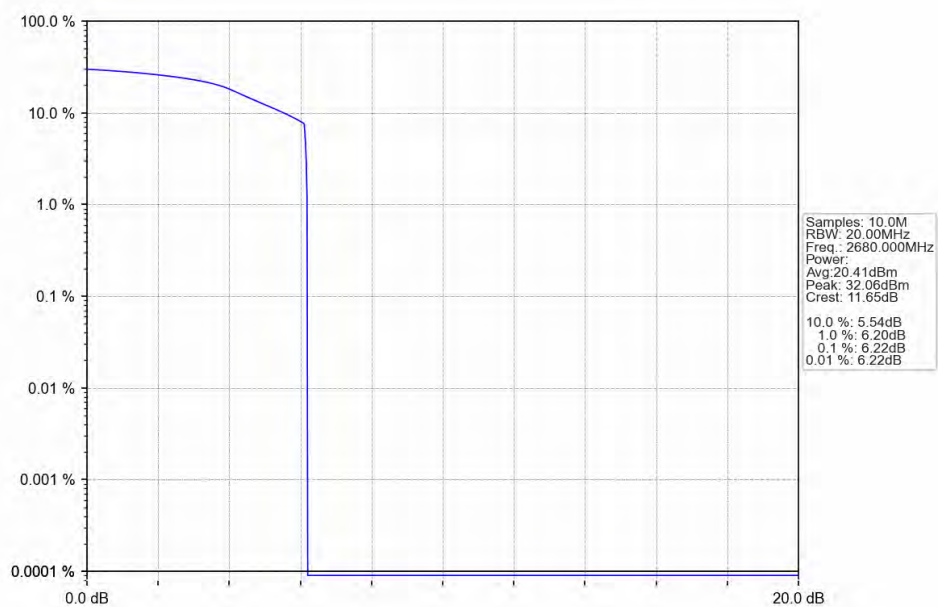
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTV



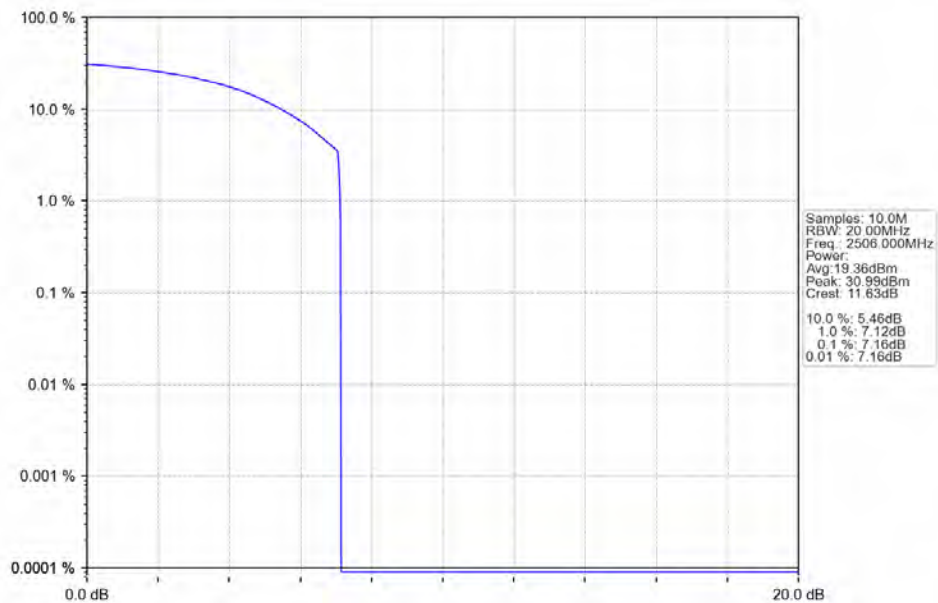
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



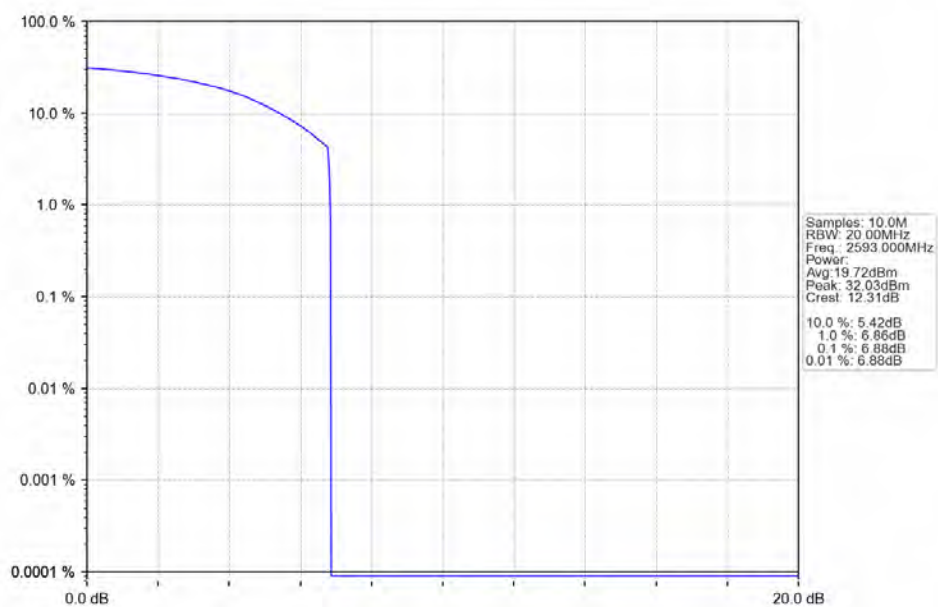
Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



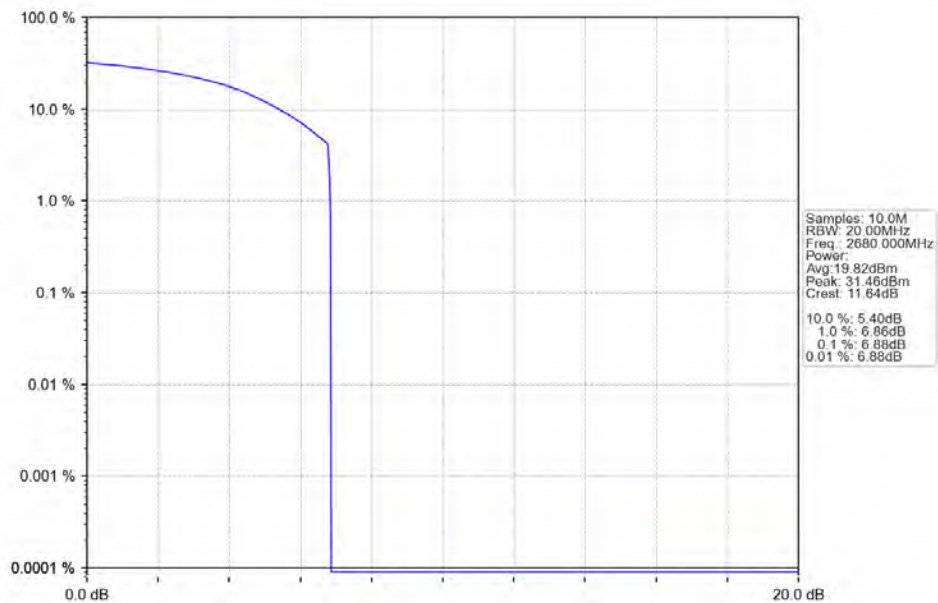
Band41 20MHz 64QAM LCH 2506MHz RB 100 0 NTNV



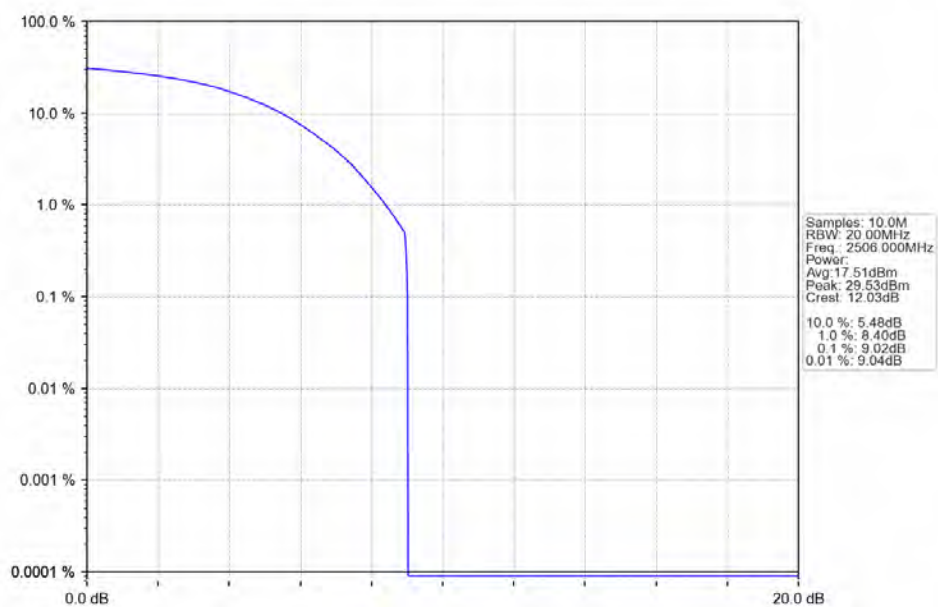
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTNV



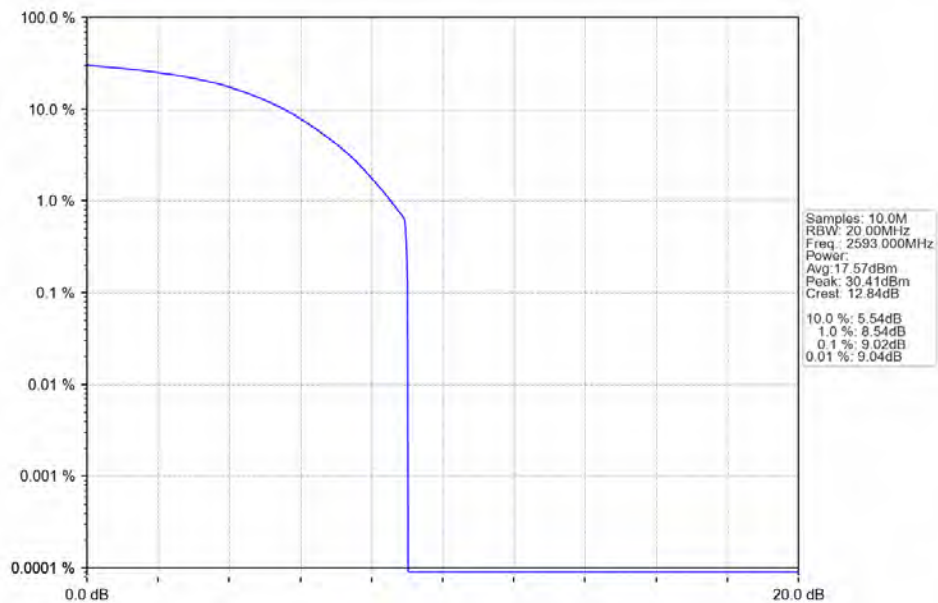
Band41 20MHz 64QAM HCH 2680MHz RB 100 0 NTNV



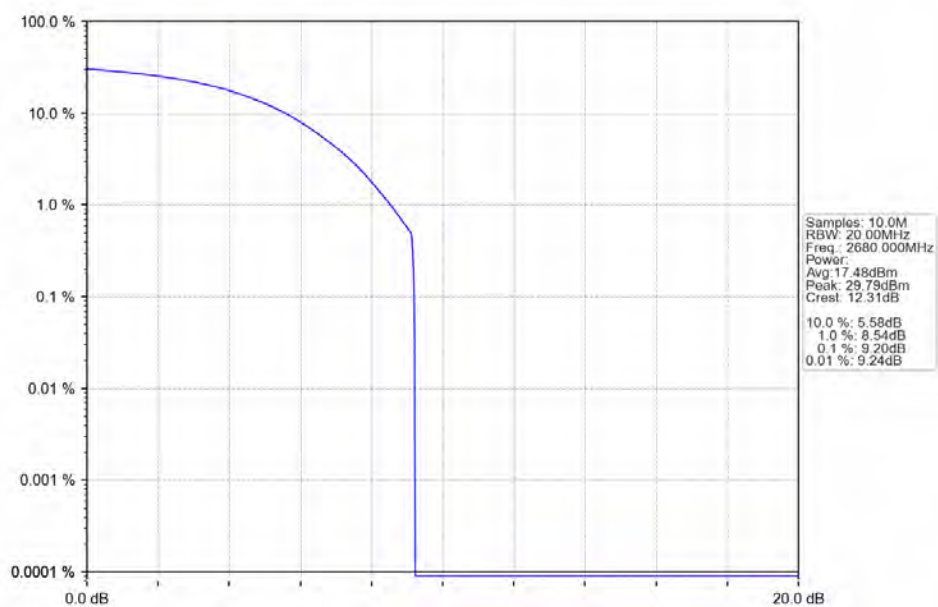
Band41 20MHz 256QAM LCH 2506MHz RB 100 0 NTNV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 256QAM HCH 2680MHz RB 100 0 NTNV



## 5. Spurious Emission

### 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    |
|                                   | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2498.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                             | 2498.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 256QAM                            | 2498.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2687.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 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    |
|                                    | 2685            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 2501            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2685            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                              | 2501            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2593            | 1             | 0      | Refer To Test Graph |       | Pass    |

|        |      |    |    |                     |      |
|--------|------|----|----|---------------------|------|
| 256QAM | 2685 | 1  | 0  | Refer To Test Graph | Pass |
|        |      |    | 49 | Refer To Test Graph | Pass |
|        |      | 50 | 0  | Refer To Test Graph | Pass |
|        | 2501 | 1  | 0  | Refer To Test Graph | Pass |
|        |      | 50 | 0  | Refer To Test Graph | Pass |
|        | 2593 | 1  | 0  | 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    |
| 16QAM                              | 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    |
| 64QAM                              | 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    |
| 256QAM                             | 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

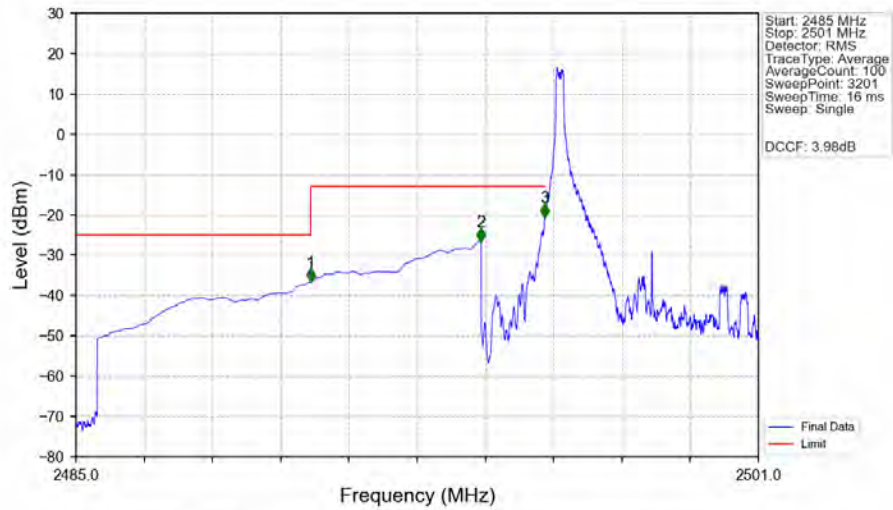
| Band: 41 / Bandwidth: 20MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | 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    |
| 16QAM                              | 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 |
| 64QAM  | 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 |
| 256QAM | 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

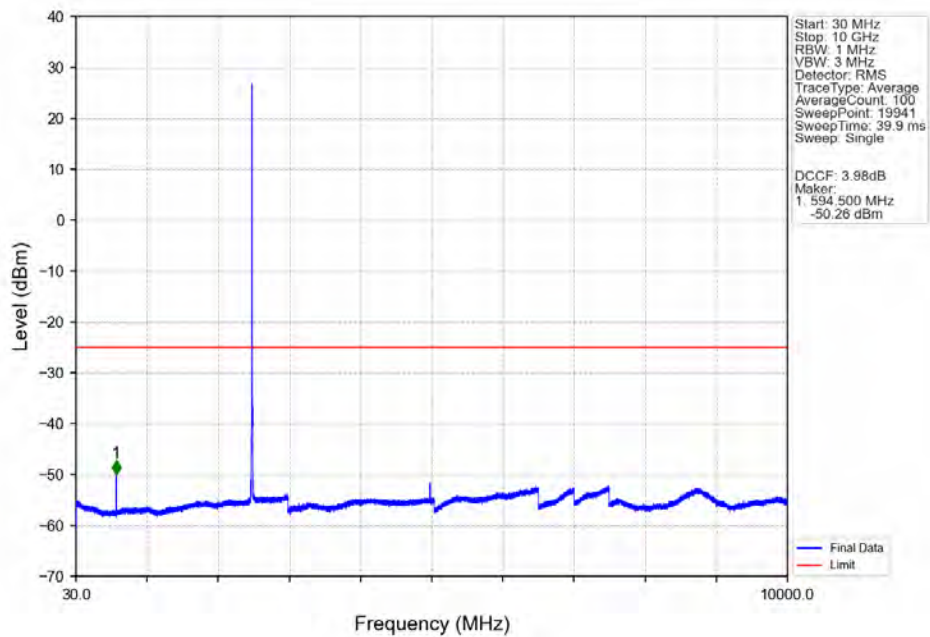
## 5.2.1 B41\_5MHz

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

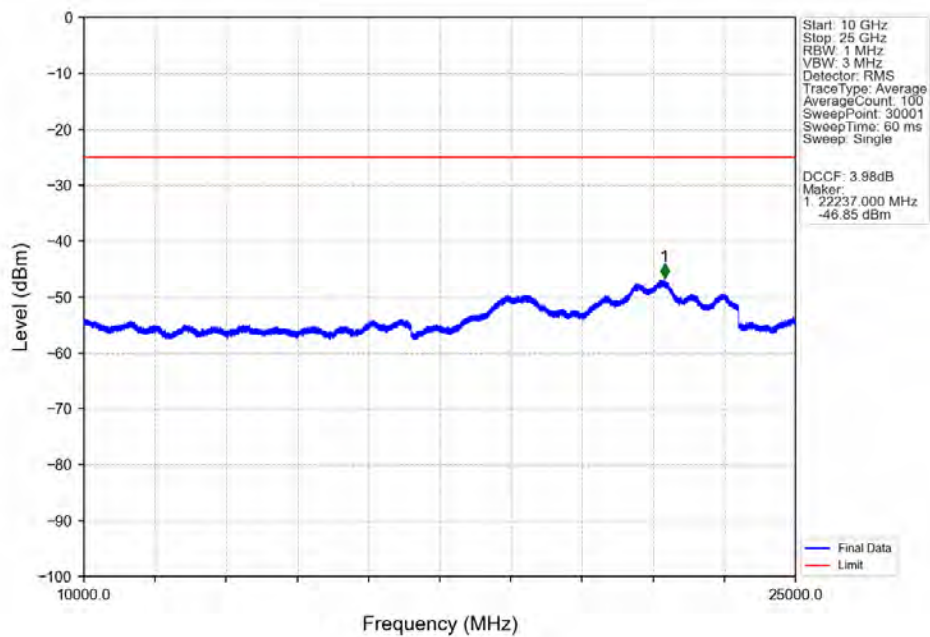


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -36.73      | 25          | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.500   | -26.56      | -13         | Pass   |
| 2495        | 2496       | 0.01      | /      | 3          | 2495.990   | -20.73      | -13         | Pass   |
| 2496        | 2501       | 0.01      | /      | /          | /          | /           | /           | /      |

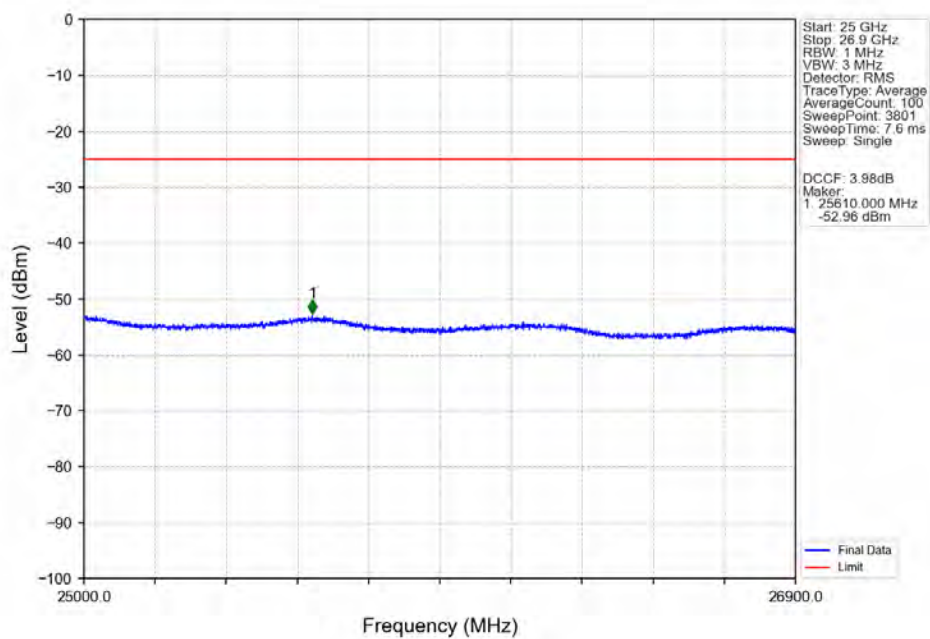
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



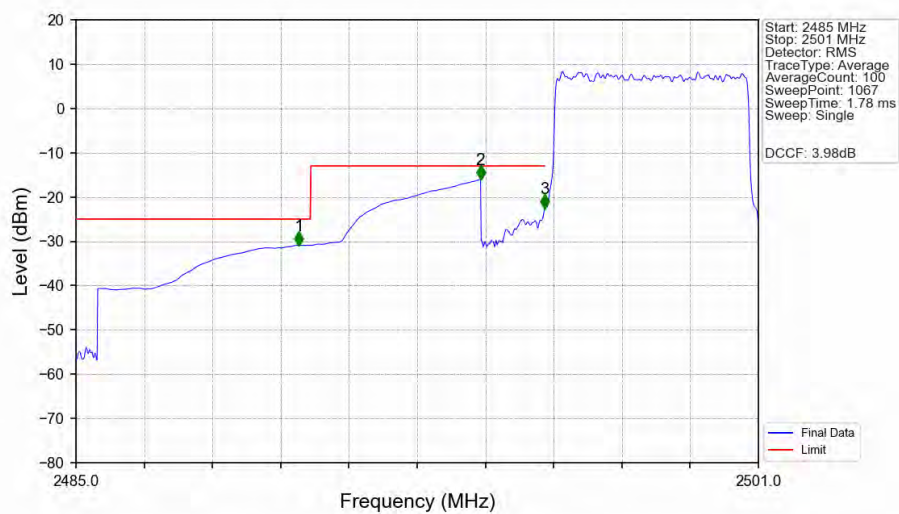
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

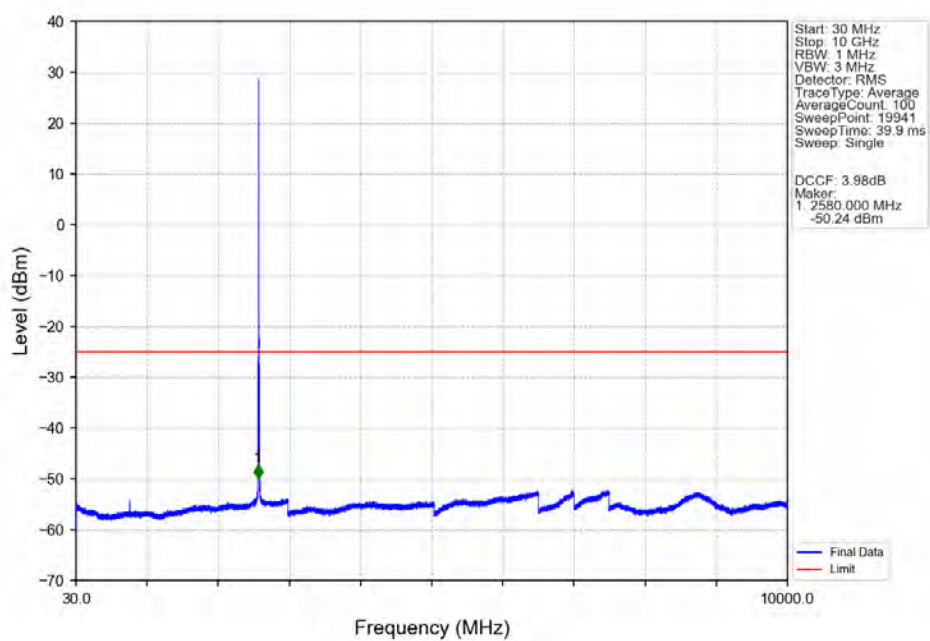


## Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

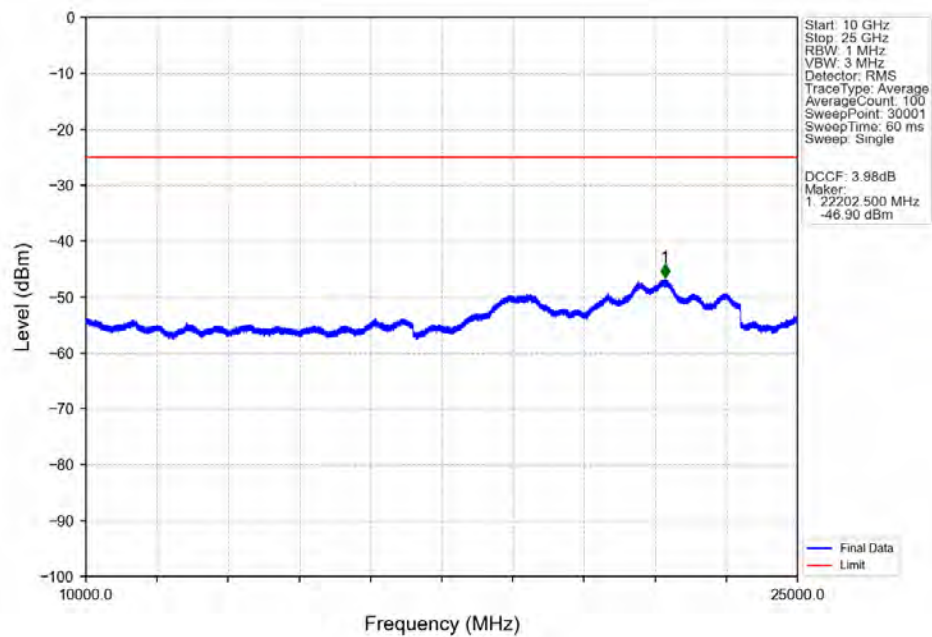


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.223   | -30.89      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.486   | -16.04      | -13         | Pass   |
| 2495        | 2496       | 0.05      | CHP    | 3          | 2495.987   | -22.57      | -13         | Pass   |
| 2496        | 2501       | 0.05      | CHP    | /          | /          | /           | /           | /      |

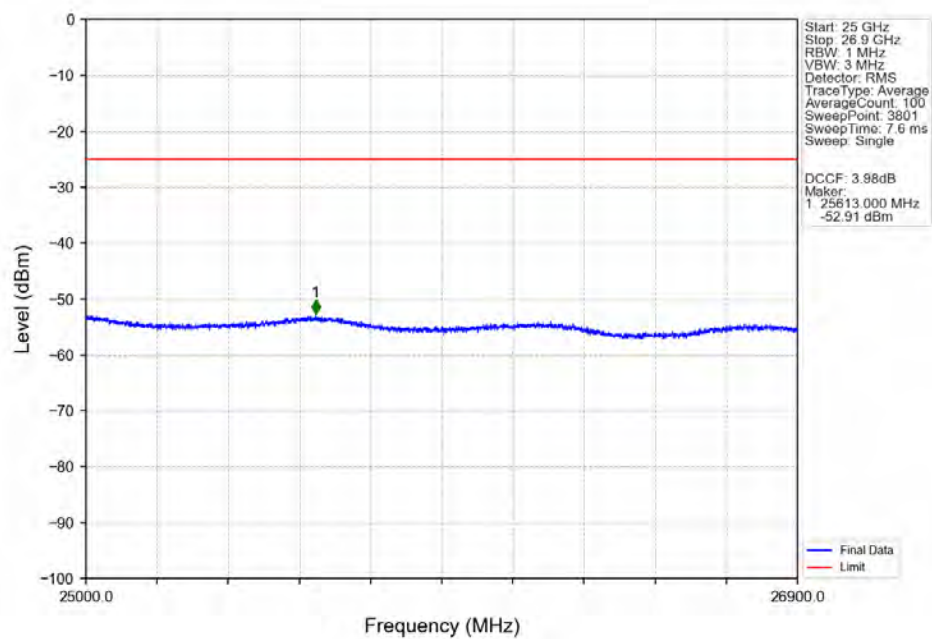
## Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



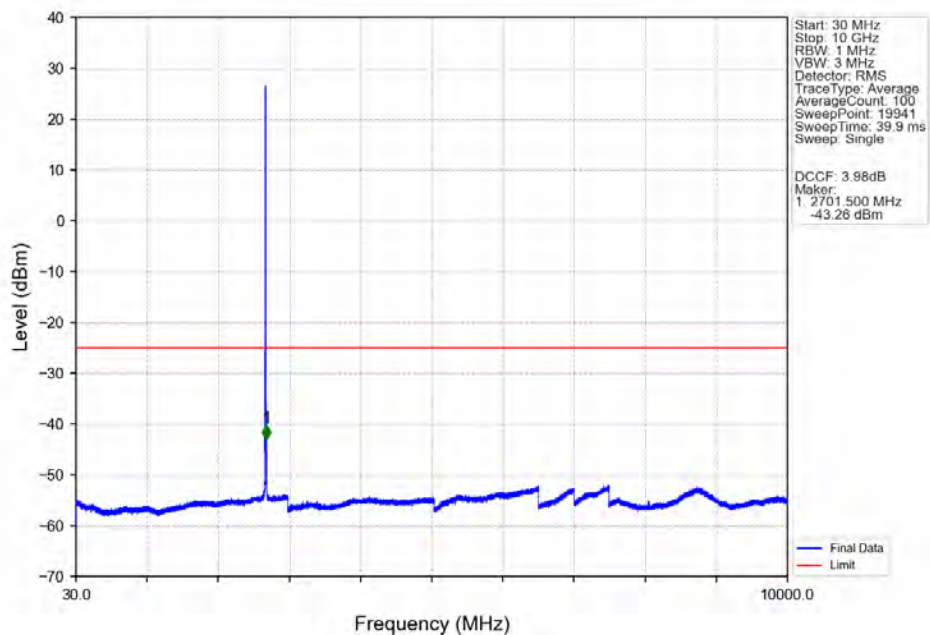
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



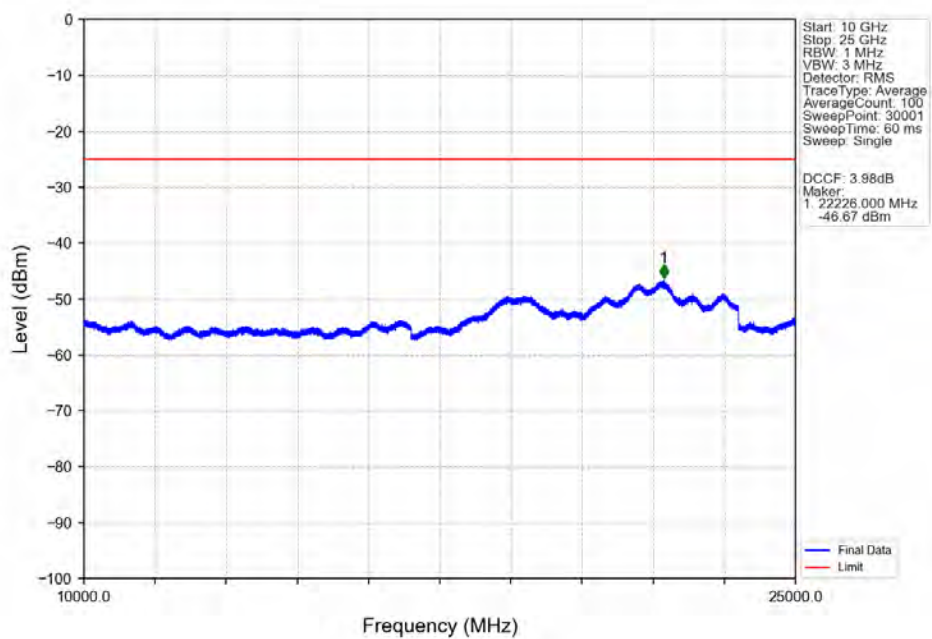
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



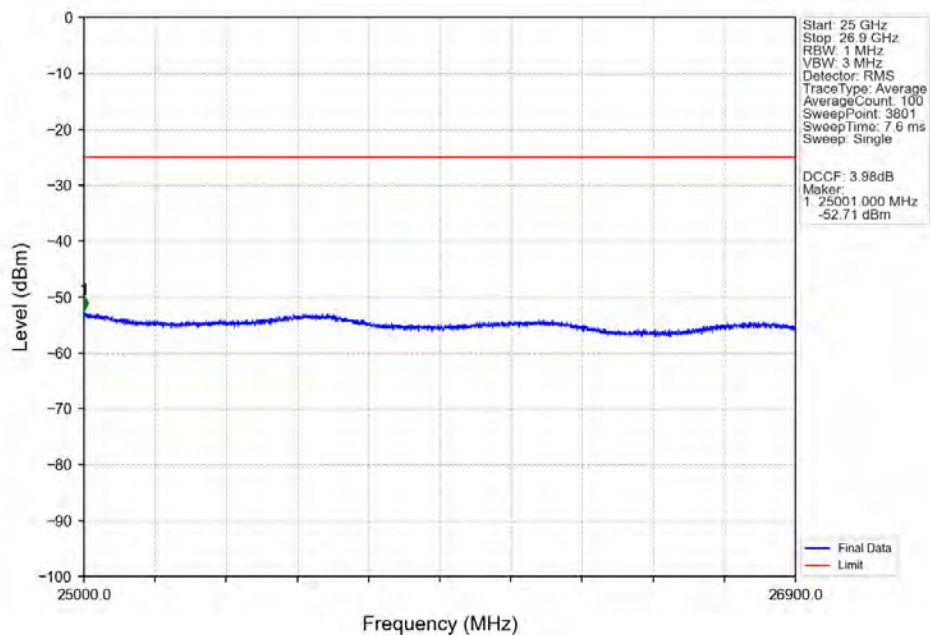
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



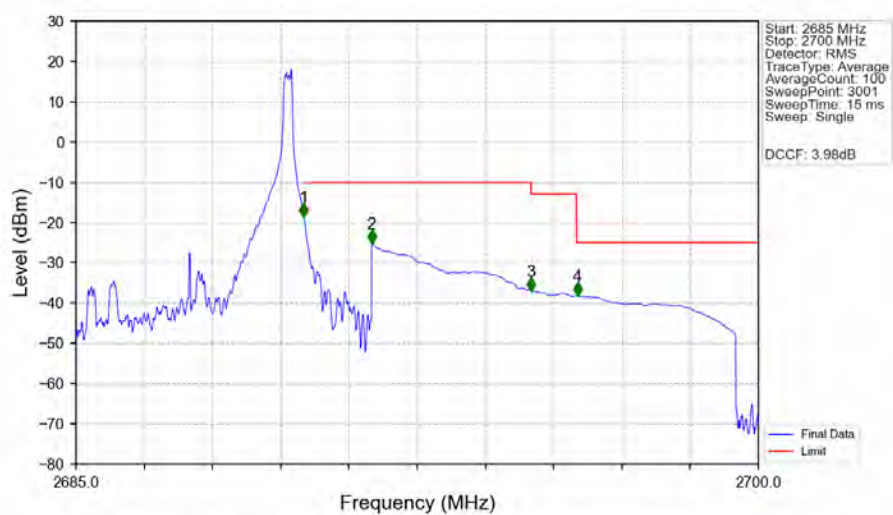
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

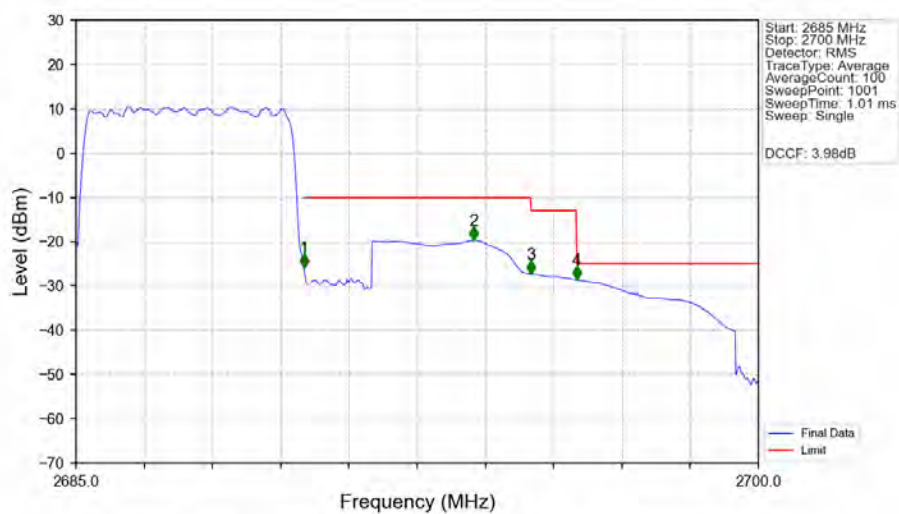


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



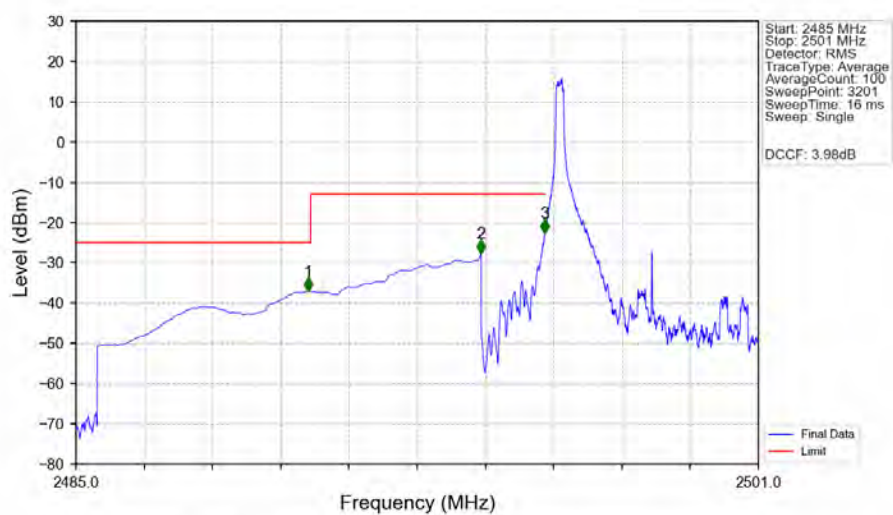
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2685        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.005   | -18.56      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -25.23      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.005   | -37.00      | -13         | Pass   |
| 2696        | 2700       | 1         | CHP    | 4          | 2696.025   | -38.22      | -25         | Pass   |

## Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



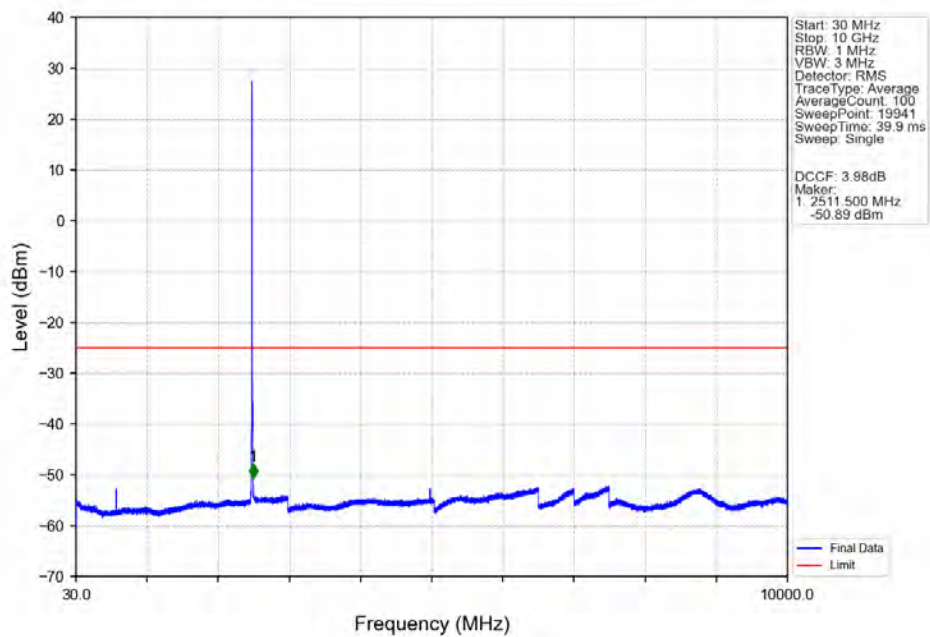
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2685        | 2690       | 0.102     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.102     | CHP    | 1          | 2690.010   | -25.86      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2693.745   | -19.72      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.005   | -27.39      | -13         | Pass   |
| 2696        | 2700       | 1         | CHP    | 4          | 2696.010   | -28.68      | -25         | Pass   |

## Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTV

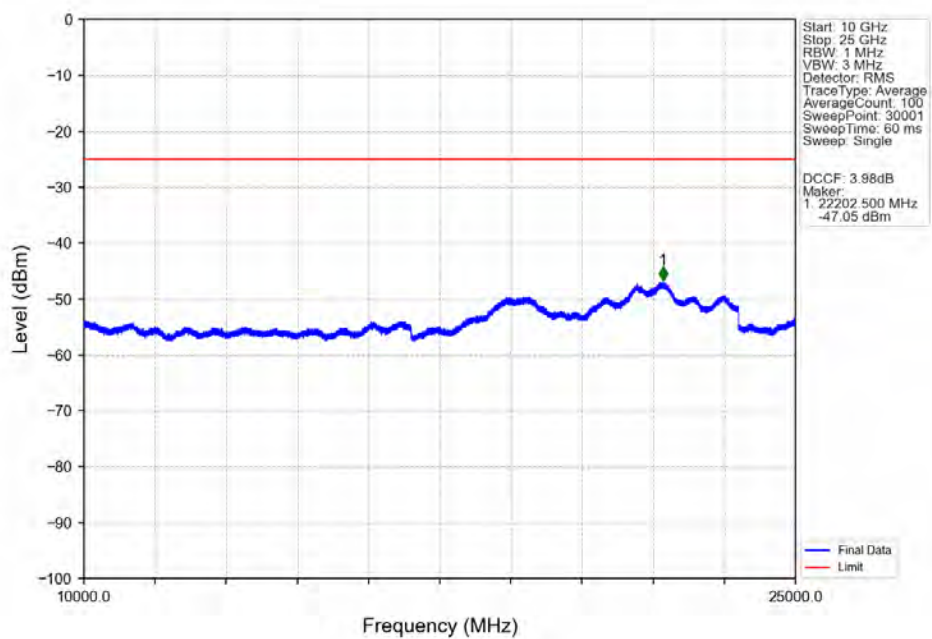


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.445   | -37.04      | 25          | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.500   | -27.72      | -13         | Pass   |
| 2495        | 2496       | 0.01      | /      | 3          | 2495.995   | -22.62      | -13         | Pass   |
| 2496        | 2501       | 0.01      | /      | /          | /          | /           | /           | /      |

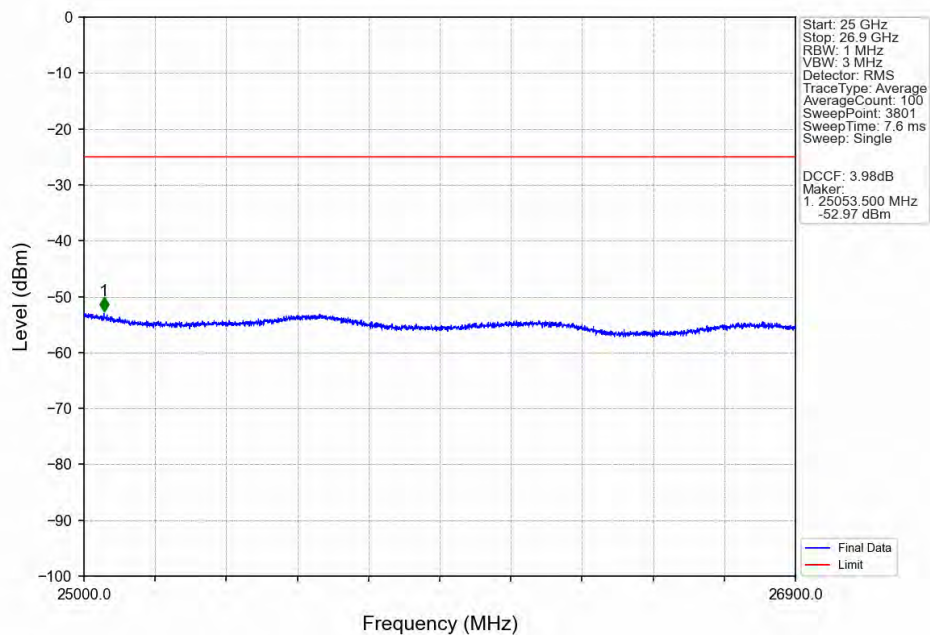
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



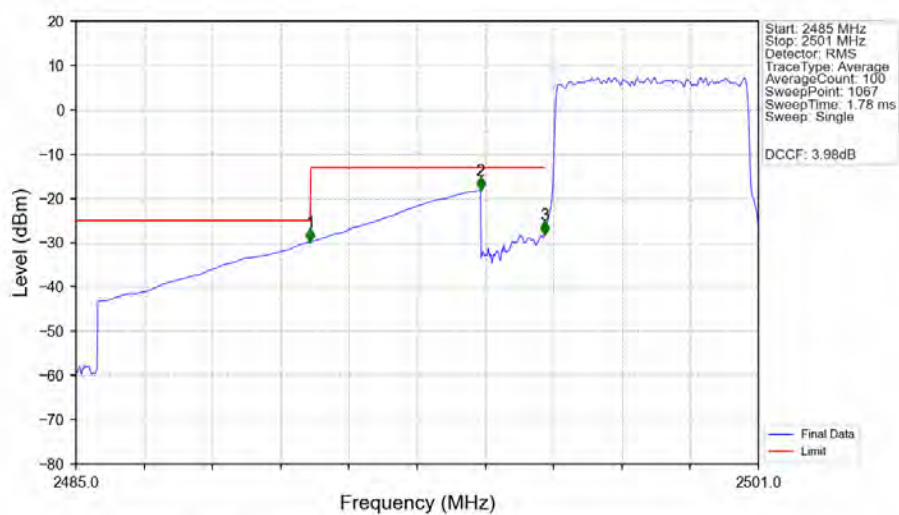
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV

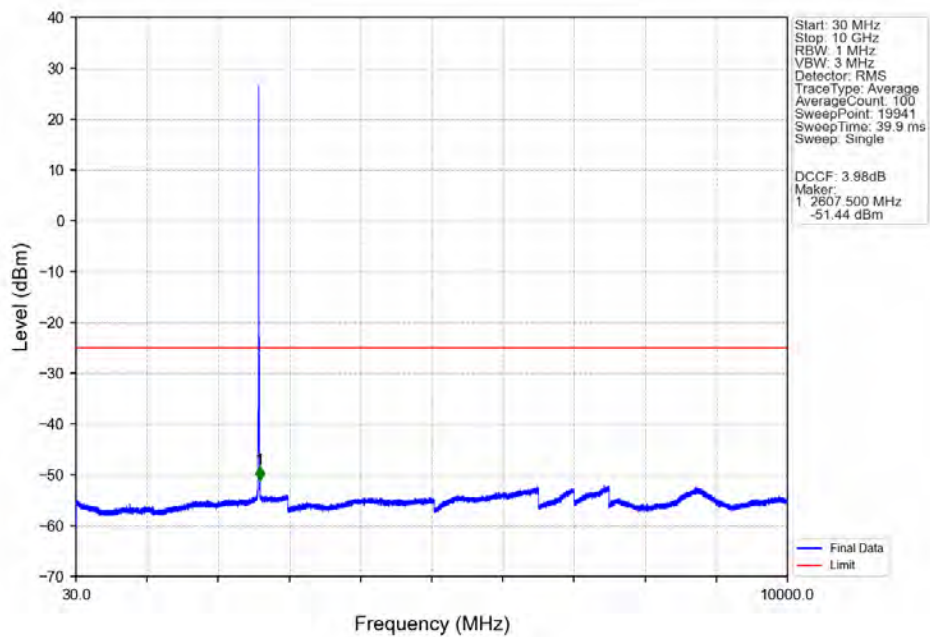


Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV

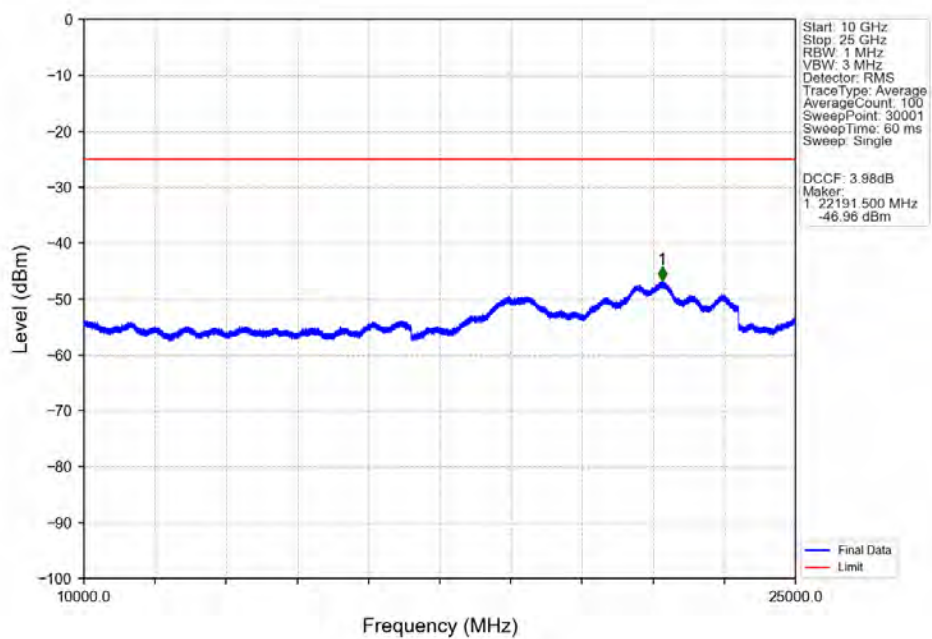


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.493   | -29.86      | 25          | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.486   | -18.17      | -13         | Pass   |
| 2495        | 2496       | 0.051     | CHP    | 3          | 2495.987   | -28.30      | -13         | Pass   |
| 2496        | 2501       | 0.051     | CHP    | /          | /          | /           | /           | /      |

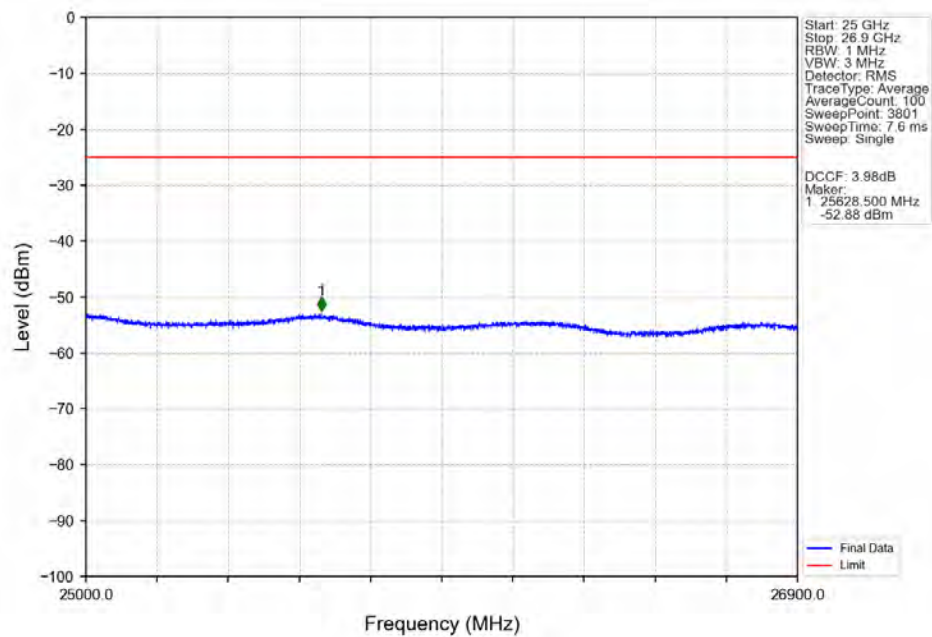
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



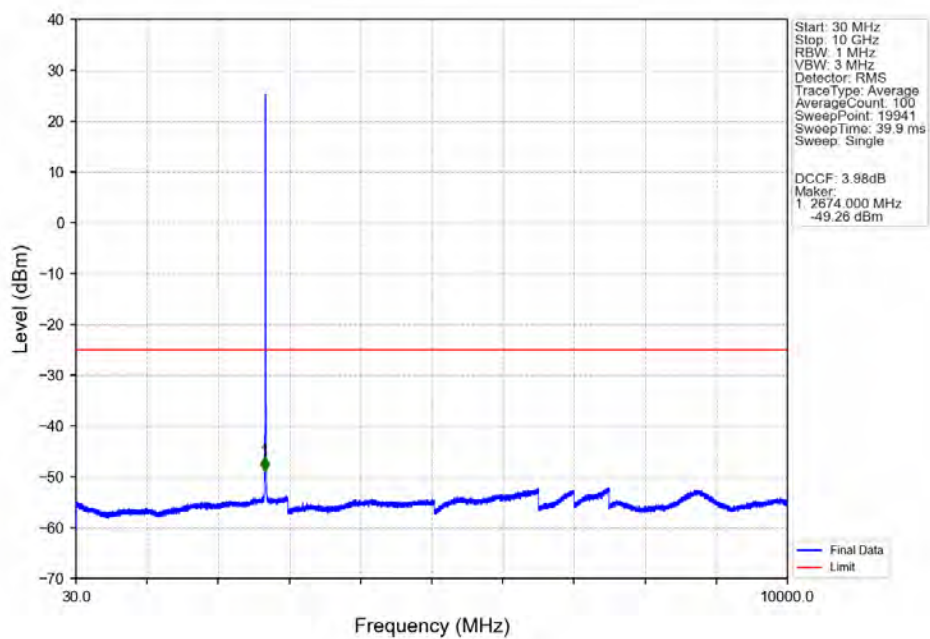
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



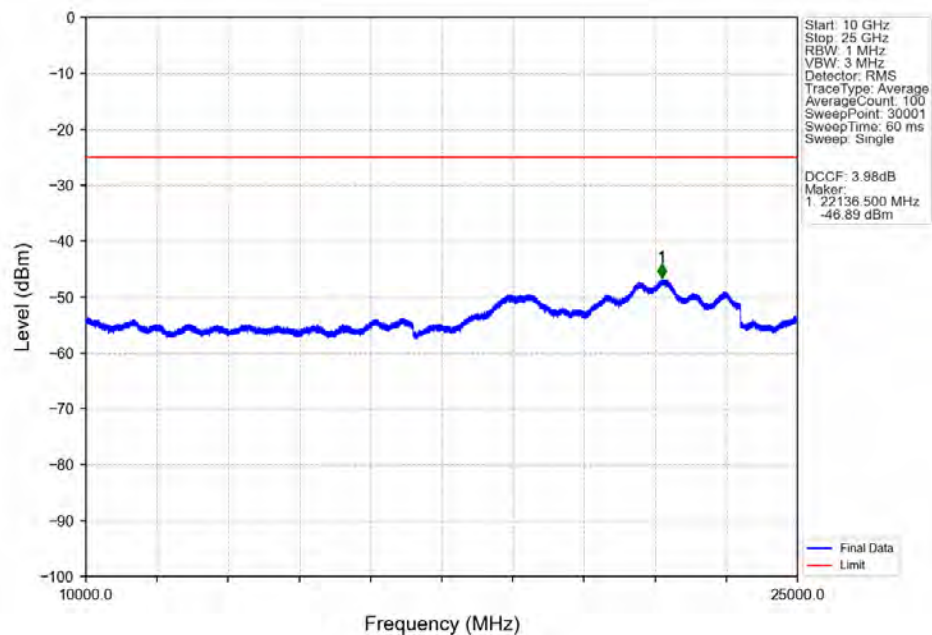
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



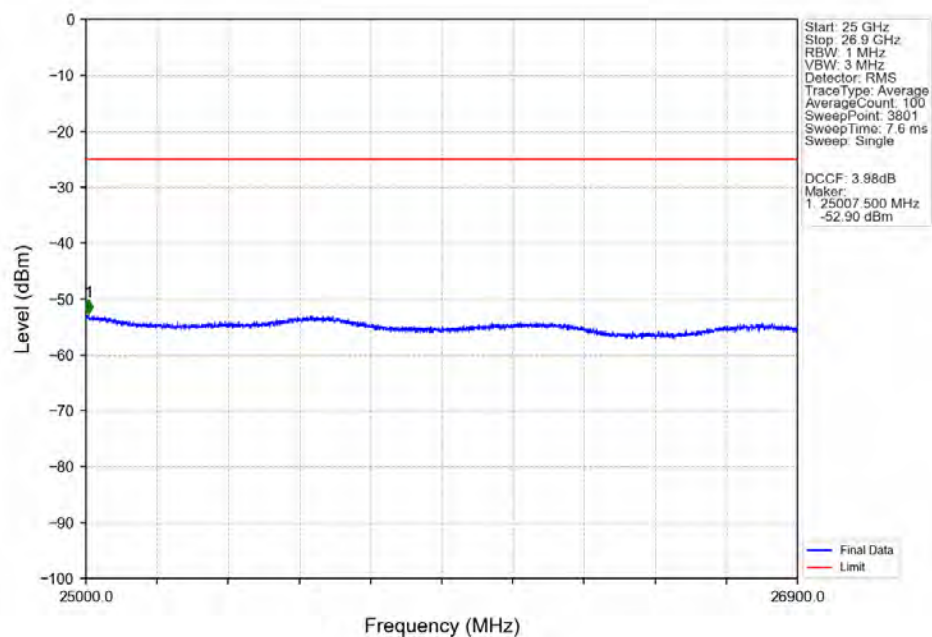
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



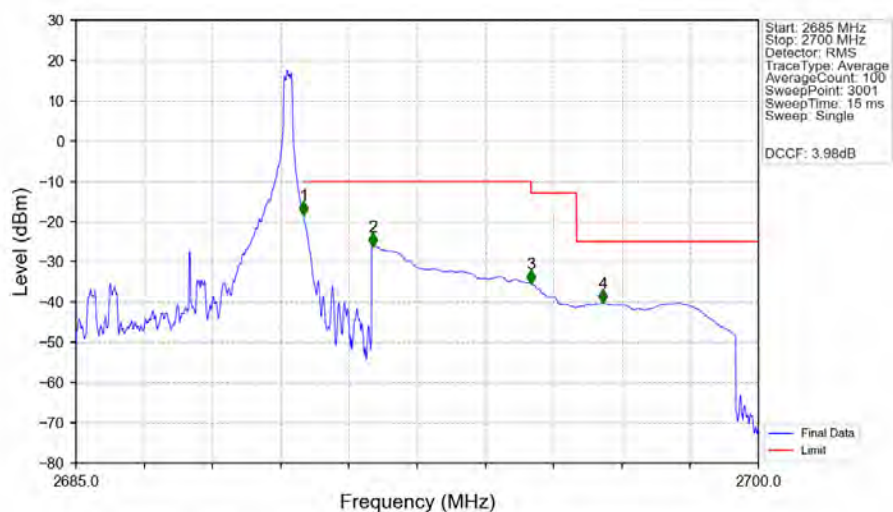
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



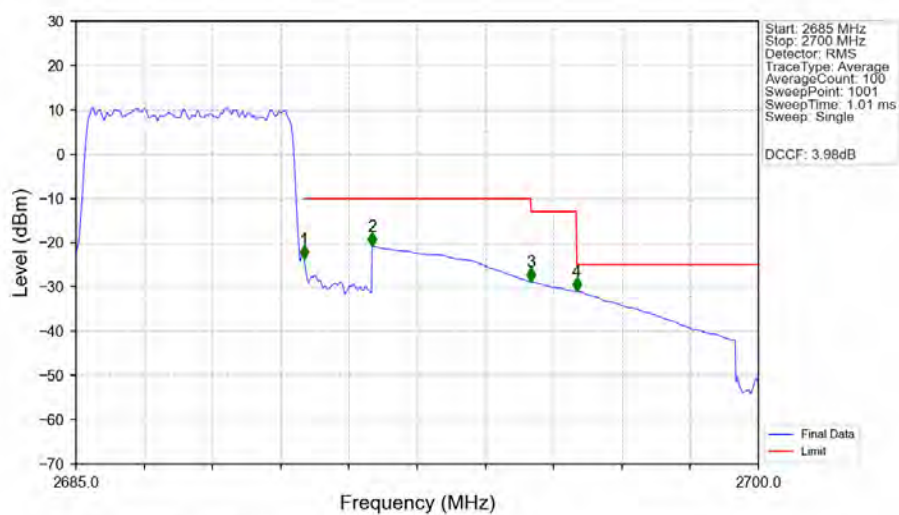
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTNV



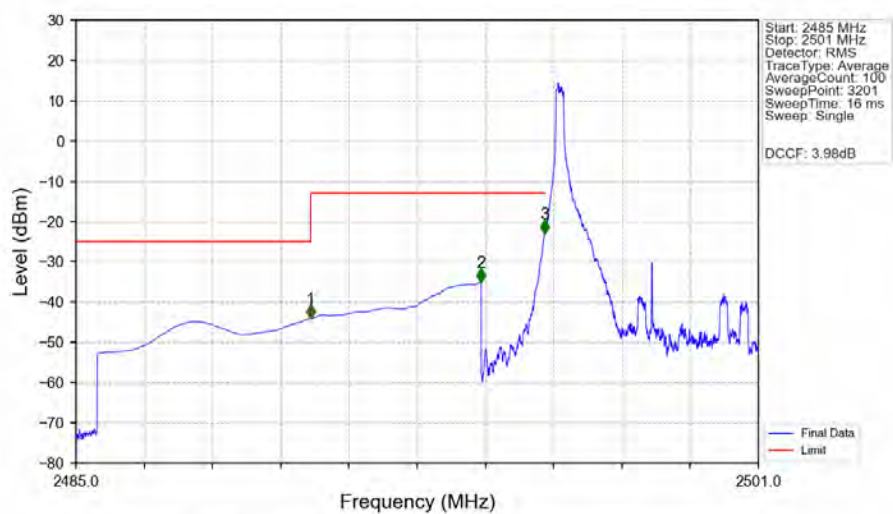
## Band41 5MHz 16QAM HCH 2687.5MHz RB 1 24 NTNV



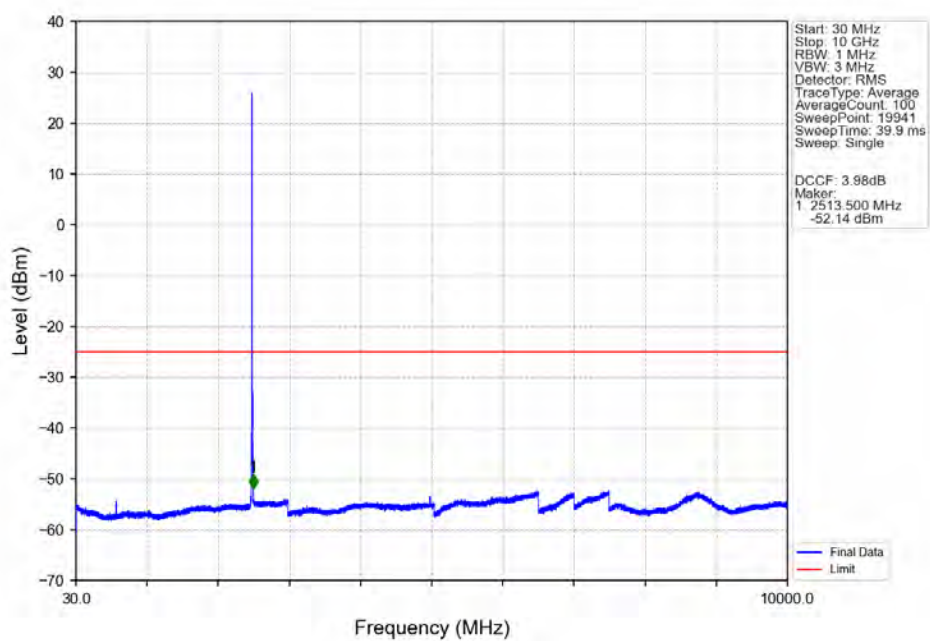
## Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



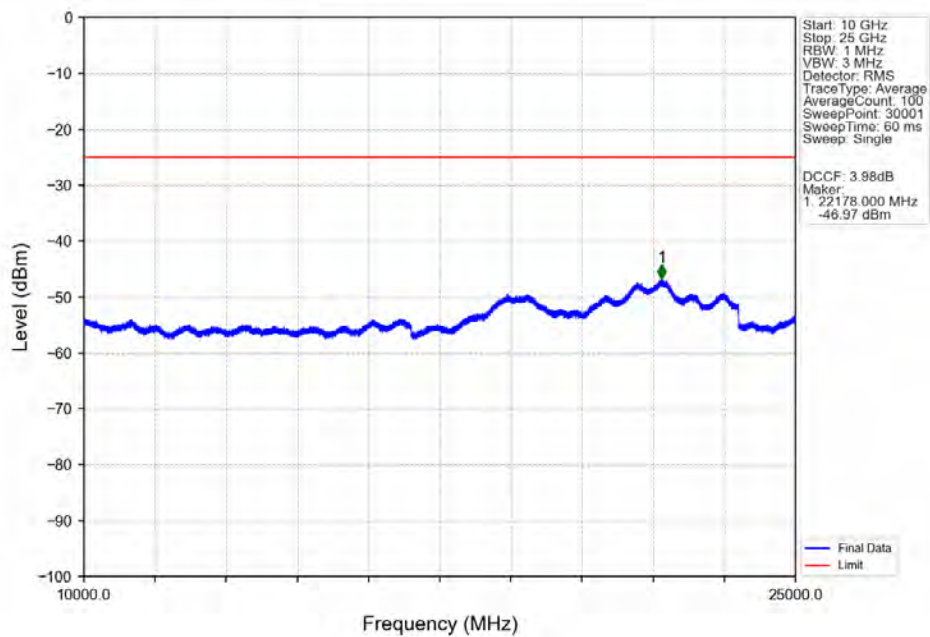
## Band41 5MHz 64QAM LCH 2498.5MHz RB 1 0 NTNV



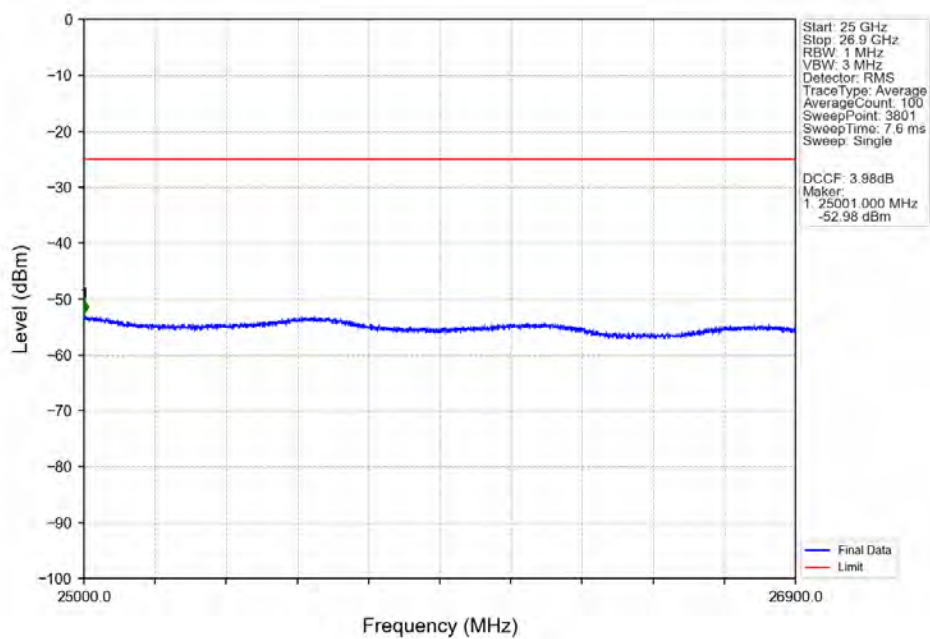
## Band41 5MHz 64QAM LCH 2498.5MHz RB 1 0 NTNV



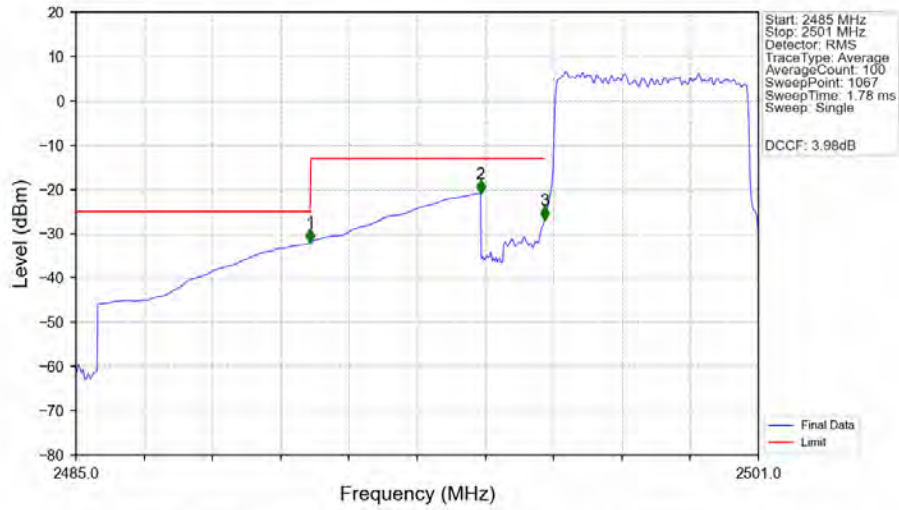
Band41 5MHz 64QAM LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz 64QAM LCH 2498.5MHz RB 1 0 NTNV

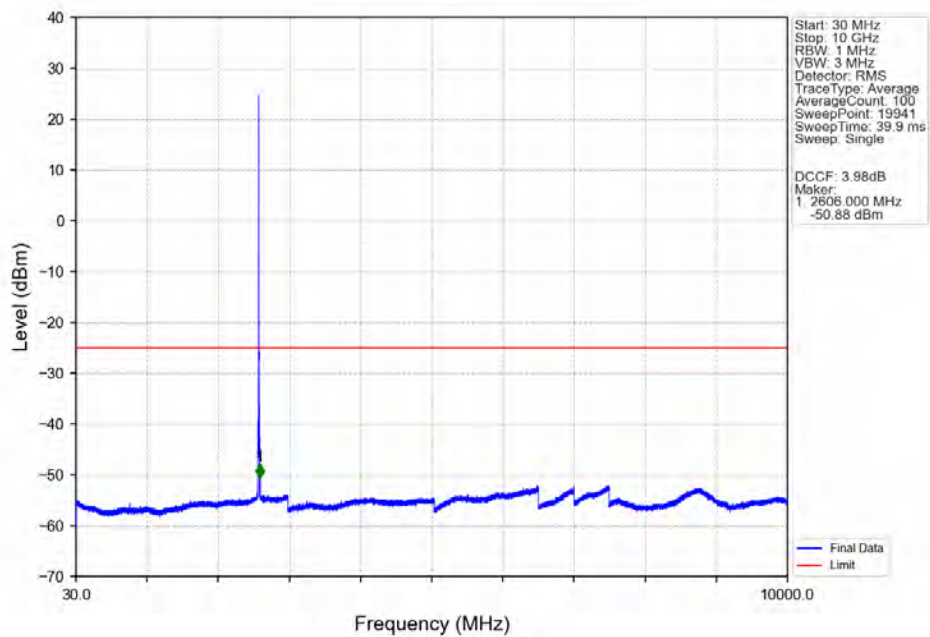


## Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV

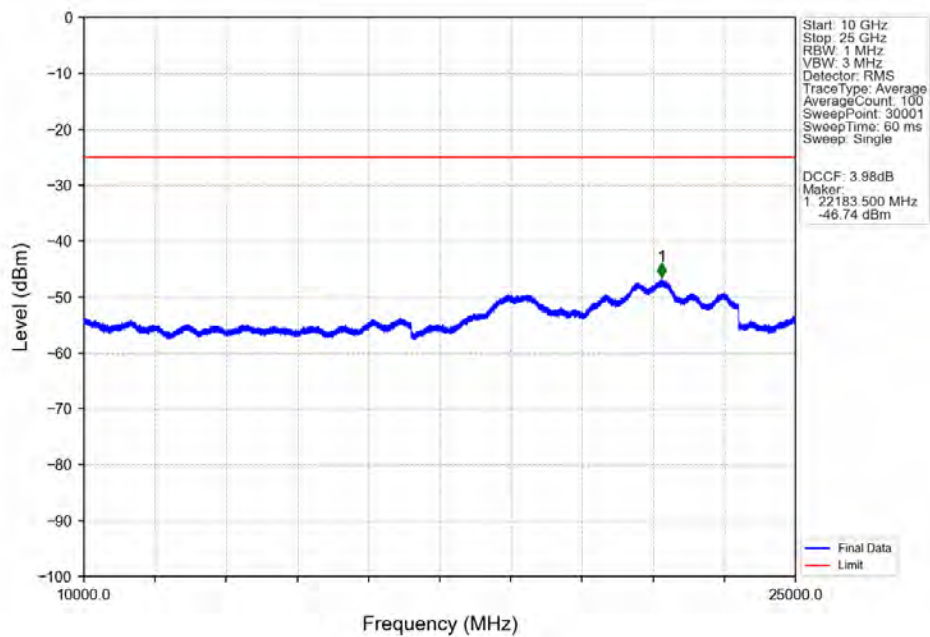


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.493   | -32.06      | 25          | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.486   | -21.01      | -13         | Pass   |
| 2495        | 2496       | 0.051     | CHP    | 3          | 2495.987   | -27.02      | -13         | Pass   |
| 2496        | 2501       | 0.051     | CHP    | /          | /          | /           | /           | /      |

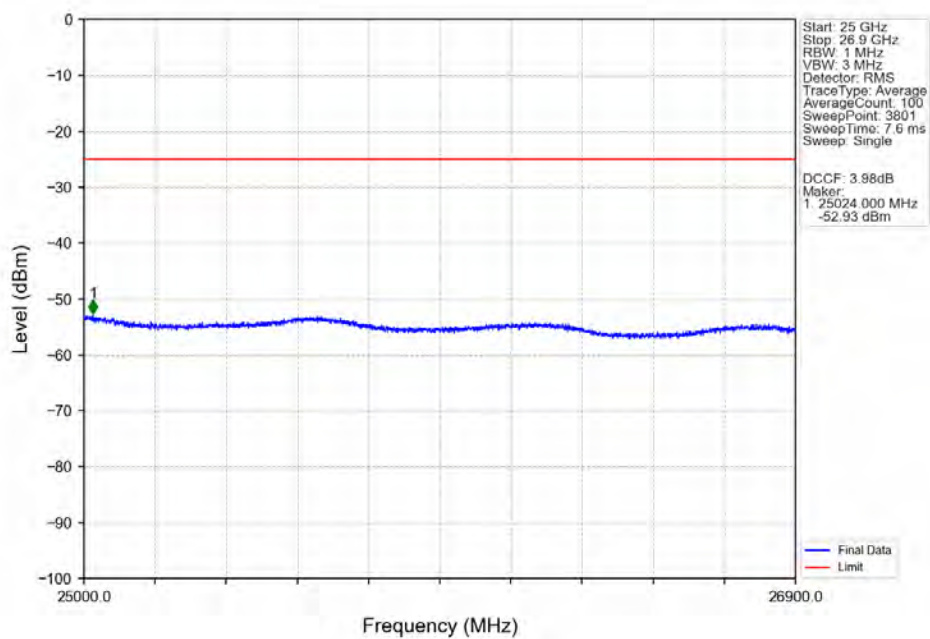
## Band41 5MHz 64QAM MCH 2593MHz RB 1 0 NTNV



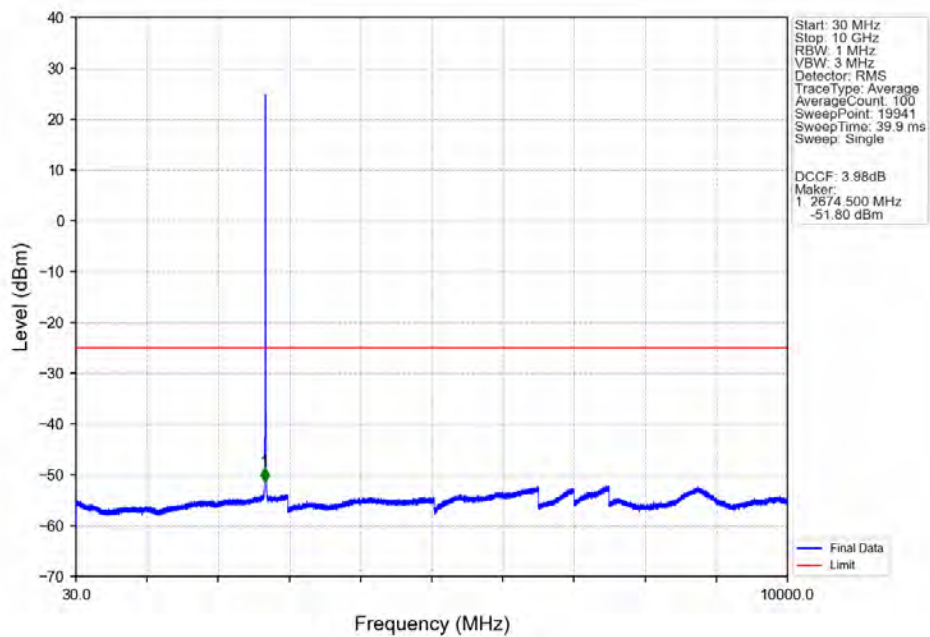
Band41 5MHz 64QAM MCH 2593MHz RB 1 0 NTNV



Band41 5MHz 64QAM MCH 2593MHz RB 1 0 NTNV



Band41 5MHz 64QAM HCH 2687.5MHz RB 1 0 NTNV



Band41 5MHz 64QAM HCH 2687.5MHz RB 1 0 NTNV

