

# 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      | 23.71                 | 0.66       | 24.37      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.75                 | 0.66       | 24.41      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.63                 | 0.66       | 24.29      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.69                 | 0.66       | 23.35      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.81                 | 0.66       | 23.47      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.70                 | 0.66       | 23.36      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.70                 | 0.66       | 23.36      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 23.87                 | 0.66       | 24.53      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 24.05                 | 0.66       | 24.71      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.79                 | 0.66       | 24.45      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.91                 | 0.66       | 23.57      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.96                 | 0.66       | 23.62      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.90                 | 0.66       | 23.56      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.99                 | 0.66       | 23.65      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 23.46                 | 0.66       | 24.12      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.53                 | 0.66       | 24.19      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.48                 | 0.66       | 24.14      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.57                 | 0.66       | 23.23      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.62                 | 0.66       | 23.28      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.53                 | 0.66       | 23.19      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.60                 | 0.66       | 23.26      | <=33.01 | Pass    |
| 16QAM                             | 2498.5          | 1             | 0      | 22.71                 | 0.66       | 23.37      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.66                 | 0.66       | 23.32      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.53                 | 0.66       | 23.19      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.68                 | 0.66       | 22.34      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.73                 | 0.66       | 22.39      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.70                 | 0.66       | 22.36      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.74                 | 0.66       | 22.40      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 22.84                 | 0.66       | 23.50      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.86                 | 0.66       | 23.52      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.99                 | 0.66       | 23.65      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.93                 | 0.66       | 22.59      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.96                 | 0.66       | 22.62      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.94                 | 0.66       | 22.60      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.94                 | 0.66       | 22.60      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 22.44                 | 0.66       | 23.10      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.49                 | 0.66       | 23.15      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.38                 | 0.66       | 23.04      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.57                 | 0.66       | 22.23      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.61                 | 0.66       | 22.27      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.55                 | 0.66       | 22.21      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.51                 | 0.66       | 22.17      | <=33.01 | Pass    |
| 64QAM                             | 2498.5          | 1             | 0      | 21.75                 | 0.66       | 22.41      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.65                 | 0.66       | 22.31      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 21.63                 | 0.66       | 22.29      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 20.70                 | 0.66       | 21.36      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 20.82                 | 0.66       | 21.48      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.69                 | 0.66       | 21.35      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.78                 | 0.66       | 21.44      | <=33.01 | Pass    |

|                                          |        |    |    |       |      |       |         |      |
|------------------------------------------|--------|----|----|-------|------|-------|---------|------|
|                                          | 2593   | 1  | 0  | 21.93 | 0.66 | 22.59 | <=33.01 | Pass |
|                                          |        |    | 13 | 21.92 | 0.66 | 22.58 | <=33.01 | Pass |
|                                          |        |    | 24 | 21.95 | 0.66 | 22.61 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 21.00 | 0.66 | 21.66 | <=33.01 | Pass |
|                                          |        |    | 6  | 21.04 | 0.66 | 21.70 | <=33.01 | Pass |
|                                          |        |    | 13 | 20.96 | 0.66 | 21.62 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 20.96 | 0.66 | 21.62 | <=33.01 | Pass |
|                                          | 2687.5 | 1  | 0  | 21.54 | 0.66 | 22.20 | <=33.01 | Pass |
|                                          |        |    | 13 | 21.55 | 0.66 | 22.21 | <=33.01 | Pass |
|                                          |        |    | 24 | 21.56 | 0.66 | 22.22 | <=33.01 | Pass |
|                                          |        | 12 | 0  | 20.52 | 0.66 | 21.18 | <=33.01 | Pass |
|                                          |        |    | 6  | 20.67 | 0.66 | 21.33 | <=33.01 | Pass |
|                                          |        |    | 13 | 20.55 | 0.66 | 21.21 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 20.61 | 0.66 | 21.27 | <=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      | 23.71                 | 0.66       | 24.37      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.65                 | 0.66       | 24.31      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.60                 | 0.66       | 24.26      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.73                 | 0.66       | 23.39      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.77                 | 0.66       | 23.43      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.73                 | 0.66       | 23.39      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.75                 | 0.66       | 23.41      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 23.89                 | 0.66       | 24.55      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.88                 | 0.66       | 24.54      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.83                 | 0.66       | 24.49      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.85                 | 0.66       | 23.51      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.96                 | 0.66       | 23.62      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.98                 | 0.66       | 23.64      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.92                 | 0.66       | 23.58      | <=33.01 | Pass    |
|                                    | 2685            | 1             | 0      | 23.48                 | 0.66       | 24.14      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.48                 | 0.66       | 24.14      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.51                 | 0.66       | 24.17      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.45                 | 0.66       | 23.11      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.53                 | 0.66       | 23.19      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.58                 | 0.66       | 23.24      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.56                 | 0.66       | 23.22      | <=33.01 | Pass    |
| 16QAM                              | 2501            | 1             | 0      | 22.67                 | 0.66       | 23.33      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.78                 | 0.66       | 23.44      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.70                 | 0.66       | 23.36      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 21.67                 | 0.66       | 22.33      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 21.77                 | 0.66       | 22.43      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.66                 | 0.66       | 22.32      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.77                 | 0.66       | 22.43      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 22.86                 | 0.66       | 23.52      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.89                 | 0.66       | 23.55      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.91                 | 0.66       | 23.57      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 21.90                 | 0.66       | 22.56      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 21.95                 | 0.66       | 22.61      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.91                 | 0.66       | 22.57      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.99                 | 0.66       | 22.65      | <=33.01 | Pass    |
|                                    | 2685            | 1             | 0      | 22.47                 | 0.66       | 23.13      | <=33.01 | Pass    |

|                                          |      |      |    |       |       |       |         |         |      |
|------------------------------------------|------|------|----|-------|-------|-------|---------|---------|------|
| 64QAM                                    |      | 25   | 25 | 22.54 | 0.66  | 23.20 | <=33.01 | Pass    |      |
|                                          |      |      | 49 | 22.58 | 0.66  | 23.24 | <=33.01 | Pass    |      |
|                                          |      |      | 0  | 21.47 | 0.66  | 22.13 | <=33.01 | Pass    |      |
|                                          |      |      | 13 | 21.51 | 0.66  | 22.17 | <=33.01 | Pass    |      |
|                                          |      |      | 25 | 21.55 | 0.66  | 22.21 | <=33.01 | Pass    |      |
|                                          |      |      | 50 | 0     | 21.52 | 0.66  | 22.18   | <=33.01 | Pass |
|                                          | 2501 | 1    | 0  | 21.70 | 0.66  | 22.36 | <=33.01 | Pass    |      |
|                                          |      |      | 25 | 21.73 | 0.66  | 22.39 | <=33.01 | Pass    |      |
|                                          |      |      | 49 | 21.66 | 0.66  | 22.32 | <=33.01 | Pass    |      |
|                                          |      | 25   | 0  | 20.71 | 0.66  | 21.37 | <=33.01 | Pass    |      |
|                                          |      |      | 13 | 20.75 | 0.66  | 21.41 | <=33.01 | Pass    |      |
|                                          |      |      | 25 | 20.73 | 0.66  | 21.39 | <=33.01 | Pass    |      |
|                                          |      | 50   | 0  | 20.72 | 0.66  | 21.38 | <=33.01 | Pass    |      |
|                                          |      | 2593 | 1  | 0     | 21.92 | 0.66  | 22.58   | <=33.01 | Pass |
|                                          |      |      |    | 25    | 21.90 | 0.66  | 22.56   | <=33.01 | Pass |
|                                          |      |      |    | 49    | 21.87 | 0.66  | 22.53   | <=33.01 | Pass |
|                                          |      |      | 25 | 0     | 20.94 | 0.66  | 21.60   | <=33.01 | Pass |
|                                          |      |      |    | 13    | 21.04 | 0.66  | 21.70   | <=33.01 | Pass |
|                                          | 25   |      |    | 20.93 | 0.66  | 21.59 | <=33.01 | Pass    |      |
|                                          | 2685 | 1    | 0  | 20.94 | 0.66  | 21.60 | <=33.01 | Pass    |      |
|                                          |      |      | 0  | 21.51 | 0.66  | 22.17 | <=33.01 | Pass    |      |
|                                          |      |      | 25 | 21.49 | 0.66  | 22.15 | <=33.01 | Pass    |      |
|                                          |      | 25   | 49 | 21.47 | 0.66  | 22.13 | <=33.01 | Pass    |      |
|                                          |      |      | 0  | 20.46 | 0.66  | 21.12 | <=33.01 | Pass    |      |
|                                          |      |      | 13 | 20.52 | 0.66  | 21.18 | <=33.01 | Pass    |      |
|                                          |      | 50   | 25 | 20.54 | 0.66  | 21.20 | <=33.01 | Pass    |      |
|                                          |      |      | 0  | 20.51 | 0.66  | 21.17 | <=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      | 23.47                 | 0.66       | 24.13      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.54                 | 0.66       | 24.20      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.39                 | 0.66       | 24.05      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.52                 | 0.66       | 23.18      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 22.51                 | 0.66       | 23.17      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 22.45                 | 0.66       | 23.11      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.55                 | 0.66       | 23.21      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 23.73                 | 0.66       | 24.39      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.67                 | 0.66       | 24.33      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.66                 | 0.66       | 24.32      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.67                 | 0.66       | 23.33      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 22.82                 | 0.66       | 23.48      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 22.79                 | 0.66       | 23.45      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.80                 | 0.66       | 23.46      | <=33.01 | Pass    |
|                                    | 2682.5          | 1             | 0      | 23.37                 | 0.66       | 24.03      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.33                 | 0.66       | 23.99      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.43                 | 0.66       | 24.09      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.32                 | 0.66       | 22.98      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 22.33                 | 0.66       | 22.99      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 22.39                 | 0.66       | 23.05      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.36                 | 0.66       | 23.02      | <=33.01 | Pass    |
| 16QAM                              | 2503.5          | 1             | 0      | 22.45                 | 0.66       | 23.11      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.58                 | 0.66       | 23.24      | <=33.01 | Pass    |

|                                          |        |       |        |       |       |         |         |         |         |
|------------------------------------------|--------|-------|--------|-------|-------|---------|---------|---------|---------|
|                                          |        |       | 74     | 22.47 | 0.66  | 23.13   | <=33.01 | Pass    |         |
|                                          |        |       | 36     | 0     | 21.49 | 0.66    | 22.15   | <=33.01 | Pass    |
|                                          |        |       |        | 18    | 21.58 | 0.66    | 22.24   | <=33.01 | Pass    |
|                                          |        |       |        | 39    | 21.50 | 0.66    | 22.16   | <=33.01 | Pass    |
|                                          |        |       |        | 75    | 0     | 21.55   | 0.66    | 22.21   | <=33.01 |
|                                          |        | 2593  | 1      | 0     | 22.63 | 0.66    | 23.29   | <=33.01 | Pass    |
|                                          |        |       |        | 38    | 22.53 | 0.66    | 23.19   | <=33.01 | Pass    |
|                                          |        |       |        | 74    | 22.66 | 0.66    | 23.32   | <=33.01 | Pass    |
|                                          |        |       | 36     | 0     | 21.72 | 0.66    | 22.38   | <=33.01 | Pass    |
|                                          |        |       |        | 18    | 21.75 | 0.66    | 22.41   | <=33.01 | Pass    |
|                                          | 39     | 21.81 |        | 0.66  | 22.47 | <=33.01 | Pass    |         |         |
|                                          | 75     | 0     | 21.80  | 0.66  | 22.46 | <=33.01 | Pass    |         |         |
|                                          | 2682.5 | 1     | 0      | 22.38 | 0.66  | 23.04   | <=33.01 | Pass    |         |
|                                          |        |       | 38     | 22.38 | 0.66  | 23.04   | <=33.01 | Pass    |         |
|                                          |        |       | 74     | 22.39 | 0.66  | 23.05   | <=33.01 | Pass    |         |
|                                          |        | 36    | 0      | 21.33 | 0.66  | 21.99   | <=33.01 | Pass    |         |
|                                          |        |       | 18     | 21.43 | 0.66  | 22.09   | <=33.01 | Pass    |         |
|                                          |        |       | 39     | 21.39 | 0.66  | 22.05   | <=33.01 | Pass    |         |
|                                          |        | 75    | 0      | 21.38 | 0.66  | 22.04   | <=33.01 | Pass    |         |
|                                          |        | 64QAM | 2503.5 | 1     | 0     | 21.61   | 0.66    | 22.27   | <=33.01 |
|                                          | 38     |       |        |       | 21.61 | 0.66    | 22.27   | <=33.01 | Pass    |
|                                          | 74     |       |        |       | 21.46 | 0.66    | 22.12   | <=33.01 | Pass    |
|                                          | 36     |       |        | 0     | 20.51 | 0.66    | 21.17   | <=33.01 | Pass    |
|                                          |        |       |        | 18    | 20.59 | 0.66    | 21.25   | <=33.01 | Pass    |
| 39                                       |        |       |        | 20.47 | 0.66  | 21.13   | <=33.01 | Pass    |         |
| 75                                       | 0      |       |        | 20.58 | 0.66  | 21.24   | <=33.01 | Pass    |         |
| 2593                                     | 1      |       | 0      | 21.81 | 0.66  | 22.47   | <=33.01 | Pass    |         |
|                                          |        |       | 38     | 21.73 | 0.66  | 22.39   | <=33.01 | Pass    |         |
|                                          |        |       | 74     | 21.71 | 0.66  | 22.37   | <=33.01 | Pass    |         |
|                                          | 36     |       | 0      | 20.77 | 0.66  | 21.43   | <=33.01 | Pass    |         |
|                                          |        |       | 18     | 20.84 | 0.66  | 21.50   | <=33.01 | Pass    |         |
|                                          |        |       | 39     | 20.79 | 0.66  | 21.45   | <=33.01 | Pass    |         |
| 75                                       | 0      |       | 20.87  | 0.66  | 21.53 | <=33.01 | Pass    |         |         |
| 2682.5                                   | 1      | 0     | 21.43  | 0.66  | 22.09 | <=33.01 | Pass    |         |         |
|                                          |        | 38    | 21.30  | 0.66  | 21.96 | <=33.01 | Pass    |         |         |
|                                          |        | 74    | 21.40  | 0.66  | 22.06 | <=33.01 | Pass    |         |         |
|                                          | 36     | 0     | 20.29  | 0.66  | 20.95 | <=33.01 | Pass    |         |         |
|                                          |        | 18    | 20.40  | 0.66  | 21.06 | <=33.01 | Pass    |         |         |
|                                          |        | 39    | 20.42  | 0.66  | 21.08 | <=33.01 | Pass    |         |         |
|                                          | 75     | 0     | 20.41  | 0.66  | 21.07 | <=33.01 | Pass    |         |         |
| Note1: EIRP=Conducted Power+Antenna Gain |        |       |        |       |       |         |         |         |         |

#### 1.1.4 B41\_20MHz\_EIRP

| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 2506            | 1             | 0      | 23.56                 | 0.66       | 24.22      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.49                 | 0.66       | 24.15      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.43                 | 0.66       | 24.09      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.57                 | 0.66       | 23.23      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.59                 | 0.66       | 23.25      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.50                 | 0.66       | 23.16      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 22.52                 | 0.66       | 23.18      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 23.87                 | 0.66       | 24.53      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.79                 | 0.66       | 24.45      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.69                 | 0.66       | 24.35      | <=33.01 | Pass    |

|      |                                          |       |       |       |       |         |         |         |         |      |
|------|------------------------------------------|-------|-------|-------|-------|---------|---------|---------|---------|------|
|      |                                          | 50    | 0     | 22.80 | 0.66  | 23.46   | <=33.01 | Pass    |         |      |
|      |                                          |       | 25    | 22.84 | 0.66  | 23.50   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 22.72 | 0.66  | 23.38   | <=33.01 | Pass    |         |      |
|      |                                          | 100   | 0     | 22.82 | 0.66  | 23.48   | <=33.01 | Pass    |         |      |
|      |                                          |       | 2680  | 1     | 0     | 23.42   | 0.66    | 24.08   | <=33.01 | Pass |
|      |                                          |       |       |       | 50    | 23.29   | 0.66    | 23.95   | <=33.01 | Pass |
|      | 99                                       | 23.38 |       |       | 0.66  | 24.04   | <=33.01 | Pass    |         |      |
|      | 50                                       | 0     |       | 22.34 | 0.66  | 23.00   | <=33.01 | Pass    |         |      |
|      |                                          | 25    |       | 22.34 | 0.66  | 23.00   | <=33.01 | Pass    |         |      |
|      |                                          | 50    |       | 22.36 | 0.66  | 23.02   | <=33.01 | Pass    |         |      |
|      | 100                                      | 0     | 22.43 | 0.66  | 23.09 | <=33.01 | Pass    |         |         |      |
|      | 16QAM                                    | 2506  | 1     | 0     | 22.52 | 0.66    | 23.18   | <=33.01 | Pass    |      |
| 50   |                                          |       |       | 22.48 | 0.66  | 23.14   | <=33.01 | Pass    |         |      |
| 99   |                                          |       |       | 22.36 | 0.66  | 23.02   | <=33.01 | Pass    |         |      |
| 50   |                                          |       | 0     | 21.56 | 0.66  | 22.22   | <=33.01 | Pass    |         |      |
|      |                                          |       | 25    | 21.61 | 0.66  | 22.27   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 21.57 | 0.66  | 22.23   | <=33.01 | Pass    |         |      |
|      |                                          |       | 100   | 0     | 21.51 | 0.66    | 22.17   | <=33.01 | Pass    |      |
|      |                                          |       | 2593  | 1     | 0     | 22.69   | 0.66    | 23.35   | <=33.01 | Pass |
|      |                                          |       |       |       | 50    | 22.76   | 0.66    | 23.42   | <=33.01 | Pass |
| 99   |                                          | 22.53 |       |       | 0.66  | 23.19   | <=33.01 | Pass    |         |      |
| 50   |                                          | 0     |       | 21.79 | 0.66  | 22.45   | <=33.01 | Pass    |         |      |
|      |                                          | 25    |       | 21.89 | 0.66  | 22.55   | <=33.01 | Pass    |         |      |
|      |                                          | 50    |       | 21.74 | 0.66  | 22.40   | <=33.01 | Pass    |         |      |
| 100  |                                          | 0     | 21.80 | 0.66  | 22.46 | <=33.01 | Pass    |         |         |      |
| 2680 |                                          | 1     | 0     | 22.56 | 0.66  | 23.22   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 22.53 | 0.66  | 23.19   | <=33.01 | Pass    |         |      |
|      |                                          |       | 99    | 22.56 | 0.66  | 23.22   | <=33.01 | Pass    |         |      |
|      |                                          | 50    | 0     | 21.34 | 0.66  | 22.00   | <=33.01 | Pass    |         |      |
|      |                                          |       | 25    | 21.43 | 0.66  | 22.09   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 21.42 | 0.66  | 22.08   | <=33.01 | Pass    |         |      |
|      |                                          | 100   | 0     | 21.41 | 0.66  | 22.07   | <=33.01 | Pass    |         |      |
|      |                                          | 64QAM | 2506  | 1     | 0     | 21.74   | 0.66    | 22.40   | <=33.01 | Pass |
|      |                                          |       |       |       | 50    | 21.46   | 0.66    | 22.12   | <=33.01 | Pass |
| 99   |                                          |       |       |       | 21.46 | 0.66    | 22.12   | <=33.01 | Pass    |      |
| 50   |                                          |       |       | 0     | 20.54 | 0.66    | 21.20   | <=33.01 | Pass    |      |
|      |                                          |       |       | 25    | 20.62 | 0.66    | 21.28   | <=33.01 | Pass    |      |
|      |                                          |       |       | 50    | 20.52 | 0.66    | 21.18   | <=33.01 | Pass    |      |
|      | 100                                      |       |       | 0     | 20.51 | 0.66    | 21.17   | <=33.01 | Pass    |      |
|      | 2593                                     |       |       | 1     | 0     | 21.75   | 0.66    | 22.41   | <=33.01 | Pass |
|      |                                          |       |       |       | 50    | 21.83   | 0.66    | 22.49   | <=33.01 | Pass |
| 99   |                                          |       | 21.67 |       | 0.66  | 22.33   | <=33.01 | Pass    |         |      |
| 50   |                                          |       | 0     | 20.78 | 0.66  | 21.44   | <=33.01 | Pass    |         |      |
|      |                                          |       | 25    | 20.78 | 0.66  | 21.44   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 20.82 | 0.66  | 21.48   | <=33.01 | Pass    |         |      |
| 100  | 0                                        |       | 20.78 | 0.66  | 21.44 | <=33.01 | Pass    |         |         |      |
| 2680 | 1                                        |       | 0     | 21.51 | 0.66  | 22.17   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 21.36 | 0.66  | 22.02   | <=33.01 | Pass    |         |      |
|      |                                          |       | 99    | 21.35 | 0.66  | 22.01   | <=33.01 | Pass    |         |      |
|      | 50                                       |       | 0     | 20.37 | 0.66  | 21.03   | <=33.01 | Pass    |         |      |
|      |                                          |       | 25    | 20.43 | 0.66  | 21.09   | <=33.01 | Pass    |         |      |
|      |                                          |       | 50    | 20.45 | 0.66  | 21.11   | <=33.01 | Pass    |         |      |
|      | 100                                      |       | 0     | 20.48 | 0.66  | 21.14   | <=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                       | 2498.5          | 25            | 0      | 20         | 3.6           | 2.500            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | 0.200            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | 5.300            | 0.0021                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -0.700           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -0.800           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | 2.600            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | 6.700            | 0.0027                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | 3.500            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | 6.600            | 0.0026                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | 4.200            | 0.0017                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.92          | 1.900            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            | 2593            | 25            | 0      | 20         | 3.6           | 2.500            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | 1.000            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -2.700           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | 0.800            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | 1.800            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -1.900           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | -0.600           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | -1.700           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.92          | 2.500            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            | 2687.5          | 25            | 0      | 20         | 3.6           | 1.800            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -1.700           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | 3.800            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -2.400           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | 4.500            | 0.0017                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | -0.400           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | -0.100           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | -0.600           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | 0.300            | 0.0001                | -2.5 to 2.5 | Pass    |
| 16QAM                      | 2498.5          | 25            | 0      | 20         | 3.6           | -1.700           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | 2.800            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | 3.300            | 0.0013                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | 0.400            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | -2.100           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.92          | 2.600            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.92          | 0.400            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.92          | 4.000            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.92          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.92          | 1.600            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.92          | 2.300            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            | 2593            | 25            | 0      | 20         | 3.6           | -1.500           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.92          | -2.500           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.53          | -6.600           | -0.0025               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.92          | -0.100           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.92          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       |        |    |   | -10 | 3.92 | -0.900  | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -1.000  | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -2.800  | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -3.100  | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -3.900  | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -3.000  | -0.0012 | -2.5 to 2.5 | Pass |
|       | 2687.5 | 25 | 0 | 20  | 3.6  | 1.300   | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 2.700   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 4.300   | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 1.300   | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 1.300   | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.300  | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 2.800   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.600  | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.300   | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 4.800   | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 2.800   | 0.0010  | -2.5 to 2.5 | Pass |
| 64QAM | 2498.5 | 25 | 0 | 20  | 3.6  | 5.200   | 0.0021  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -46.200 | -0.0185 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -30.000 | -0.0120 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 24.400  | 0.0098  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -2.600  | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 5.900   | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 2.700   | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 51.700  | 0.0207  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 7.000   | 0.0028  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -3.600  | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 21.400  | 0.0086  | -2.5 to 2.5 | Pass |
|       | 2593   | 25 | 0 | 20  | 3.6  | -36.200 | -0.0140 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -59.600 | -0.0230 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -9.300  | -0.0036 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 19.300  | 0.0074  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -31.500 | -0.0121 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -26.400 | -0.0102 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 2.100   | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 27.500  | 0.0106  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -18.600 | -0.0072 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 12.900  | 0.0050  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 4.700   | 0.0018  | -2.5 to 2.5 | Pass |
|       | 2687.5 | 25 | 0 | 20  | 3.6  | 13.800  | 0.0051  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -50.700 | -0.0189 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -4.200  | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | -23.600 | -0.0088 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | -3.800  | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 8.400   | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 12.500  | 0.0047  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -22.600 | -0.0084 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 7.800   | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -18.400 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | -22.800 | -0.0085 | -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                        | 2501            | 50            | 0      | 20         | 3.6           | -0.700           | -0.0003               | -2.5 to 2.5 | Pass    |

|       |      |    |   |     |      |        |         |             |      |
|-------|------|----|---|-----|------|--------|---------|-------------|------|
|       |      |    |   |     | 3.92 | -2.000 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | -1.200 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | 0.100  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | -1.400 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | -1.700 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | 1.800  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | -1.200 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | 4.200  | 0.0017  | -2.5 to 2.5 | Pass |
|       | 2593 | 50 | 0 | 20  | 3.6  | -2.200 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | 1.100  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | 4.200  | 0.0016  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | -0.700 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | 0.300  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | -1.600 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | 0.900  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | 2.800  | 0.0011  | -2.5 to 2.5 | Pass |
|       | 2685 | 50 | 0 | 20  | 3.6  | 1.100  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | 1.100  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | 1.100  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | -3.400 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | -1.100 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | -0.400 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | 4.300  | 0.0016  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | -0.500 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | 1.900  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | -1.600 | -0.0006 | -2.5 to 2.5 | Pass |
| 16QAM | 2501 | 50 | 0 | 20  | 3.6  | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | -2.100 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | 0.100  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | 2.600  | 0.0010  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | -0.100 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | -2.300 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | -0.500 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | 0.800  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | 1.300  | 0.0005  | -2.5 to 2.5 | Pass |
|       | 2593 | 50 | 0 | 20  | 3.6  | 0.600  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | 2.500  | 0.0010  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | -1.800 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | -1.000 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | 1.000  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | -3.100 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | 2.900  | 0.0011  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | -1.000 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | 1.900  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | 2.800  | 0.0011  | -2.5 to 2.5 | Pass |
|       | 2685 | 50 | 0 | 20  | 3.6  | 1.300  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | -2.600 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | -0.800 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |

|       |      |    |   |     |      |         |         |             |      |
|-------|------|----|---|-----|------|---------|---------|-------------|------|
| 64QAM |      |    |   | -10 | 3.92 | 2.400   | 0.0009  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | -2.300  | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | 3.100   | 0.0012  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | 2.100   | 0.0008  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | 1.300   | 0.0005  | -2.5 to 2.5 | Pass |
|       | 2501 | 50 | 0 | 50  | 3.92 | -0.800  | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | 20  | 3.6  | -13.700 | -0.0055 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | 27.200  | 0.0109  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | -10.600 | -0.0042 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | -18.500 | -0.0074 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | 14.600  | 0.0058  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | -7.000  | -0.0028 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | 6.900   | 0.0028  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | -0.300  | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | -17.300 | -0.0069 | -2.5 to 2.5 | Pass |
|       | 2593 | 50 | 0 | 40  | 3.92 | -7.900  | -0.0032 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | 9.200   | 0.0037  | -2.5 to 2.5 | Pass |
|       |      |    |   | 20  | 3.6  | -16.300 | -0.0063 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | -4.400  | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | -18.300 | -0.0071 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | 20.800  | 0.0080  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | -9.000  | -0.0035 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | -11.300 | -0.0044 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | -11.800 | -0.0046 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | -16.400 | -0.0063 | -2.5 to 2.5 | Pass |
|       | 2685 | 50 | 0 | 30  | 3.92 | -18.200 | -0.0070 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | -7.100  | -0.0027 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | -21.900 | -0.0084 | -2.5 to 2.5 | Pass |
|       |      |    |   | 20  | 3.6  | 0.800   | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.92 | 6.800   | 0.0025  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.53 | 4.700   | 0.0018  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.92 | -4.400  | -0.0016 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.92 | 14.200  | 0.0053  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.92 | -11.300 | -0.0042 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.92 | 12.400  | 0.0046  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.92 | 7.700   | 0.0029  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.92 | -12.200 | -0.0045 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.92 | -2.100  | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.92 | 23.100  | 0.0086  | -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                        | 2503.5          | 75            | 0      | 20         | 3.6           | 2.800            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 10.300           | 0.0041                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -2.500           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | -0.100           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 1.400            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | 2.200            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | 4.900            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | 5.200            | 0.0021                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | 6.700            | 0.0027                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | 4.400            | 0.0018                | -2.5 to 2.5 | Pass    |
|                             | 2593            | 75            | 0      | 20         | 3.6           | 2.700            | 0.0010                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   |     | 3.92 | -3.100 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.900 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.800  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 2.400  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 0.900  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 2.600  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -1.300 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.92 | 0.700  | 0.0003  | -2.5 to 2.5 | Pass |
|       | 2682.5 | 75 | 0 | 20  | 3.6  | -2.300 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 3.000  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 2.600  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 1.900  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 3.700  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 1.100  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -2.800 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 2.100  | 0.0008  | -2.5 to 2.5 | Pass |
| 16QAM | 2503.5 | 75 | 0 | 20  | 3.6  | 3.100  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 6.100  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -1.900 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 1.900  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 1.600  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 5.800  | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 1.400  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.900 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 1.600  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -1.200 | -0.0005 | -2.5 to 2.5 | Pass |
|       | 2593   | 75 | 0 | 20  | 3.6  | 1.000  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 0.400  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | 2.000  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -3.500 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | -2.200 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
|       | 2682.5 | 75 | 0 | 20  | 3.6  | 1.800  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | -2.100 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 1.700  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 2.500  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 2.700  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.92 | -0.700 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.92 | -5.000 | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.92 | -0.600 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.92 | 0.800  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.92 | 2.100  | 0.0008  | -2.5 to 2.5 | Pass |
| 64QAM | 2503.5 | 75 | 0 | 20  | 3.6  | -1.100 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.92 | 3.600  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.53 | 5.600  | 0.0022  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.92 | 5.700  | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.92 | 3.300  | 0.0013  | -2.5 to 2.5 | Pass |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | -10 | 3.92 | 1.300   | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -12.800 | -0.0051 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | 5.700   | 0.0023  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | 1.500   | 0.0006  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | 15.500  | 0.0062  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | 14.800  | 0.0059  | -2.5 to 2.5 | Pass |
|  | 2593   | 75 | 0 | 20  | 3.6  | -0.600  | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.92 | 10.300  | 0.0040  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.53 | -5.000  | -0.0019 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.92 | -8.900  | -0.0034 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | -9.900  | -0.0038 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | -4.700  | -0.0018 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | -1.900  | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | 8.300   | 0.0032  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | 3.000   | 0.0012  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | 1.700   | 0.0007  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | -6.700  | -0.0026 | -2.5 to 2.5 | Pass |
|  | 2682.5 | 75 | 0 | 20  | 3.6  | -13.600 | -0.0051 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.92 | 11.500  | 0.0043  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.53 | -11.800 | -0.0044 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.92 | 10.200  | 0.0038  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.92 | -1.600  | -0.0006 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.92 | 0.700   | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.92 | 0.600   | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.92 | -5.600  | -0.0021 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.92 | 6.600   | 0.0025  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.92 | 5.500   | 0.0021  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.92 | 9.600   | 0.0036  | -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                        | 2506            | 100           | 0      | 20         | 3.6           | 2.800            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 2.300            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | 2.600            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | 3.800            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | 2.500            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | 3.400            | 0.0014                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | 3.800            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | 1.800            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | 2.500            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | -2.400           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | 8.000            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             | 2593            | 100           | 0      | 20         | 3.6           | -4.400           | -0.0017               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.92          | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.53          | -0.600           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.92          | 2.100            | 0.0008                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.92          | -1.100           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.92          | 0.500            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.92          | -3.600           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.92          | -2.300           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.92          | -1.400           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.92          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.92          | 1.100            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             | 2680            | 100           | 0      | 20         | 3.6           | -0.300           | -0.0001               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |         |         |             |      |
|-------|------|-----|---|-----|------|---------|---------|-------------|------|
|       |      |     |   |     | 3.92 | 2.200   | 0.0008  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | 0.600   | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | 4.200   | 0.0016  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | 4.400   | 0.0016  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | 2.100   | 0.0008  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -1.000  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -2.300  | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -1.200  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -3.700  | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -3.800  | -0.0014 | -2.5 to 2.5 | Pass |
| 16QAM | 2506 | 100 | 0 | 20  | 3.6  | -1.100  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | 0.000   | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | 3.700   | 0.0015  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | 0.600   | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -0.500  | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | 3.100   | 0.0012  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | 0.800   | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -1.600  | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | 5.800   | 0.0023  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -0.600  | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | 3.100   | 0.0012  | -2.5 to 2.5 | Pass |
|       | 2593 | 100 | 0 | 20  | 3.6  | -5.900  | -0.0023 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | 0.700   | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | -0.500  | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -3.000  | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -1.100  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | -0.700  | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | 0.000   | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -0.100  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -3.700  | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -4.800  | -0.0019 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -0.700  | -0.0003 | -2.5 to 2.5 | Pass |
|       | 2680 | 100 | 0 | 20  | 3.6  | -0.400  | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -1.800  | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | -4.600  | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | -1.200  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -1.700  | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | 2.400   | 0.0009  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | -1.200  | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | 0.200   | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | 1.800   | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | -3.200  | -0.0012 | -2.5 to 2.5 | Pass |
| 64QAM | 2506 | 100 | 0 | 20  | 3.6  | -9.200  | -0.0037 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | 9.000   | 0.0036  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | 20.500  | 0.0082  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | 6.200   | 0.0025  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | -10.700 | -0.0043 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.92 | 0.900   | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.92 | 4.000   | 0.0016  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.92 | -3.400  | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.92 | -23.000 | -0.0092 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.92 | 4.200   | 0.0017  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.92 | -6.200  | -0.0025 | -2.5 to 2.5 | Pass |
|       | 2593 | 100 | 0 | 20  | 3.6  | -7.400  | -0.0029 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.92 | -7.900  | -0.0030 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.53 | -11.600 | -0.0045 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.92 | 1.900   | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.92 | 14.900  | 0.0057  | -2.5 to 2.5 | Pass |

|  |      |     |   |     |      |         |         |             |      |
|--|------|-----|---|-----|------|---------|---------|-------------|------|
|  |      |     |   | -10 | 3.92 | 0.200   | 0.0001  | -2.5 to 2.5 | Pass |
|  |      |     |   | 0   | 3.92 | -7.600  | -0.0029 | -2.5 to 2.5 | Pass |
|  |      |     |   | 10  | 3.92 | -2.300  | -0.0009 | -2.5 to 2.5 | Pass |
|  |      |     |   | 30  | 3.92 | -6.000  | -0.0023 | -2.5 to 2.5 | Pass |
|  |      |     |   | 40  | 3.92 | -20.100 | -0.0078 | -2.5 to 2.5 | Pass |
|  |      |     |   | 50  | 3.92 | -1.400  | -0.0005 | -2.5 to 2.5 | Pass |
|  | 2680 | 100 | 0 | 20  | 3.6  | -1.600  | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |     |   |     | 3.92 | 0.400   | 0.0001  | -2.5 to 2.5 | Pass |
|  |      |     |   |     | 4.53 | -3.900  | -0.0015 | -2.5 to 2.5 | Pass |
|  |      |     |   | -30 | 3.92 | -2.400  | -0.0009 | -2.5 to 2.5 | Pass |
|  |      |     |   | -20 | 3.92 | -0.200  | -0.0001 | -2.5 to 2.5 | Pass |
|  |      |     |   | -10 | 3.92 | 6.600   | 0.0025  | -2.5 to 2.5 | Pass |
|  |      |     |   | 0   | 3.92 | -3.200  | -0.0012 | -2.5 to 2.5 | Pass |
|  |      |     |   | 10  | 3.92 | -1.600  | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |     |   | 30  | 3.92 | -9.900  | -0.0037 | -2.5 to 2.5 | Pass |
|  |      |     |   | 40  | 3.92 | -2.700  | -0.0010 | -2.5 to 2.5 | Pass |
|  |      |     |   | 50  | 3.92 | 5.800   | 0.0022  | -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      | 4.540                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.562                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.543                        | /     | Pass    |
|                 | 16QAM      | 2498.5          | 25            | 0      | 4.534                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.563                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.535                        | /     | Pass    |
|                 | 64QAM      | 2498.5          | 25            | 0      | 4.566                        | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 4.561                        | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 4.550                        | /     | Pass    |
| 10              | QPSK       | 2501            | 50            | 0      | 9.057                        | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 9.068                        | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 9.090                        | /     | Pass    |
|                 | 16QAM      | 2501            | 50            | 0      | 9.073                        | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 9.067                        | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 9.101                        | /     | Pass    |
|                 | 64QAM      | 2501            | 50            | 0      | 9.086                        | /     | Pass    |
|                 |            | 2593            | 50            | 0      | 9.096                        | /     | Pass    |
|                 |            | 2685            | 50            | 0      | 9.071                        | /     | Pass    |
| 15              | QPSK       | 2503.5          | 75            | 0      | 13.604                       | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 13.610                       | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.637                       | /     | Pass    |
|                 | 16QAM      | 2503.5          | 75            | 0      | 13.592                       | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 13.585                       | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.577                       | /     | Pass    |
|                 | 64QAM      | 2503.5          | 75            | 0      | 13.590                       | /     | Pass    |
|                 |            | 2593            | 75            | 0      | 13.582                       | /     | Pass    |
|                 |            | 2682.5          | 75            | 0      | 13.638                       | /     | Pass    |
| 20              | QPSK       | 2506            | 100           | 0      | 18.116                       | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 18.136                       | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 18.124                       | /     | Pass    |
|                 | 16QAM      | 2506            | 100           | 0      | 18.171                       | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 18.124                       | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 18.104                       | /     | Pass    |
|                 | 64QAM      | 2506            | 100           | 0      | 18.075                       | /     | Pass    |
|                 |            | 2593            | 100           | 0      | 18.145                       | /     | Pass    |
|                 |            | 2680            | 100           | 0      | 18.098                       | /     | Pass    |

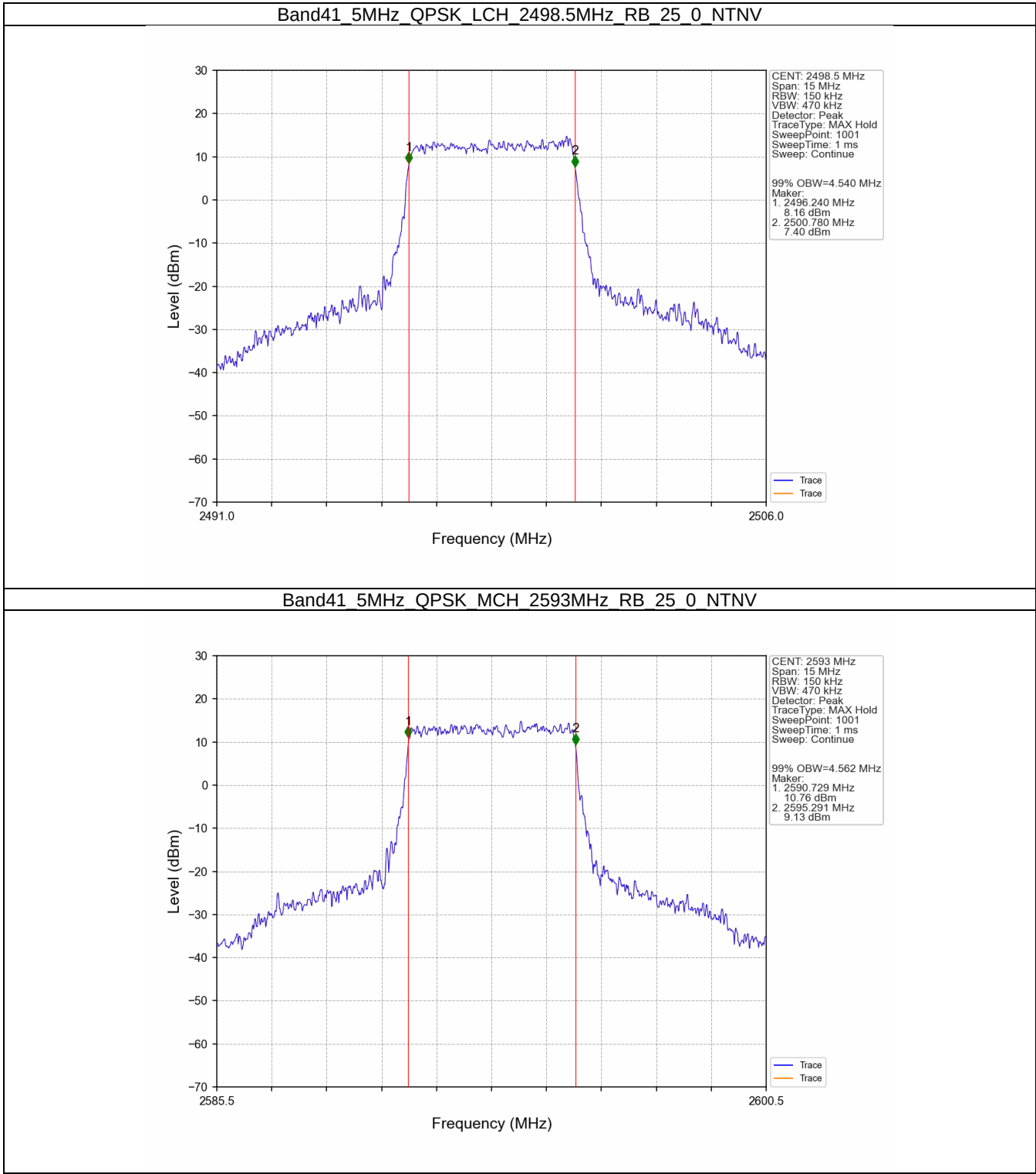
##### 3.1.2 Band41\_XDB

| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2498.5          | 25            | 0      | 5.201                | /     | Pass    |
|                 |            | 2593            | 25            | 0      | 5.227                | /     | Pass    |
|                 |            | 2687.5          | 25            | 0      | 5.176                | /     | Pass    |

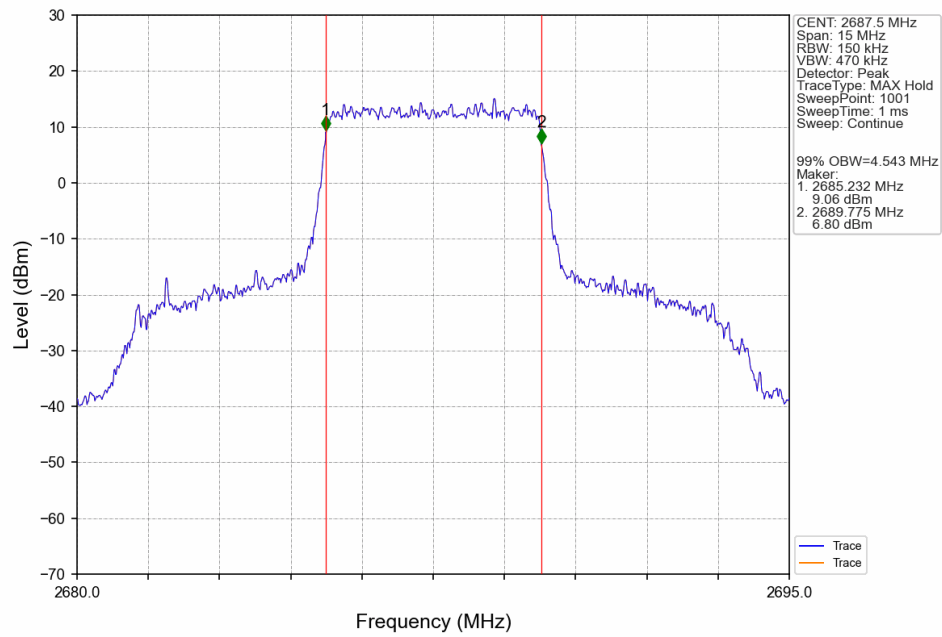
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 2498.5 | 25  | 0 | 5.183  | / | Pass |
|    |       | 2593   | 25  | 0 | 5.209  | / | Pass |
|    |       | 2687.5 | 25  | 0 | 5.248  | / | Pass |
|    | 64QAM | 2498.5 | 25  | 0 | 5.179  | / | Pass |
|    |       | 2593   | 25  | 0 | 5.256  | / | Pass |
|    |       | 2687.5 | 25  | 0 | 5.213  | / | Pass |
| 10 | QPSK  | 2501   | 50  | 0 | 10.161 | / | Pass |
|    |       | 2593   | 50  | 0 | 10.182 | / | Pass |
|    |       | 2685   | 50  | 0 | 10.182 | / | Pass |
|    | 16QAM | 2501   | 50  | 0 | 10.113 | / | Pass |
|    |       | 2593   | 50  | 0 | 10.174 | / | Pass |
|    |       | 2685   | 50  | 0 | 10.286 | / | Pass |
|    | 64QAM | 2501   | 50  | 0 | 10.199 | / | Pass |
|    |       | 2593   | 50  | 0 | 10.270 | / | Pass |
|    |       | 2685   | 50  | 0 | 10.187 | / | Pass |
| 15 | QPSK  | 2503.5 | 75  | 0 | 15.278 | / | Pass |
|    |       | 2593   | 75  | 0 | 15.070 | / | Pass |
|    |       | 2682.5 | 75  | 0 | 15.270 | / | Pass |
|    | 16QAM | 2503.5 | 75  | 0 | 15.108 | / | Pass |
|    |       | 2593   | 75  | 0 | 15.219 | / | Pass |
|    |       | 2682.5 | 75  | 0 | 15.043 | / | Pass |
|    | 64QAM | 2503.5 | 75  | 0 | 15.168 | / | Pass |
|    |       | 2593   | 75  | 0 | 15.105 | / | Pass |
|    |       | 2682.5 | 75  | 0 | 15.077 | / | Pass |
| 20 | QPSK  | 2506   | 100 | 0 | 20.066 | / | Pass |
|    |       | 2593   | 100 | 0 | 20.099 | / | Pass |
|    |       | 2680   | 100 | 0 | 20.069 | / | Pass |
|    | 16QAM | 2506   | 100 | 0 | 20.162 | / | Pass |
|    |       | 2593   | 100 | 0 | 19.980 | / | Pass |
|    |       | 2680   | 100 | 0 | 19.994 | / | Pass |
|    | 64QAM | 2506   | 100 | 0 | 20.079 | / | Pass |
|    |       | 2593   | 100 | 0 | 20.219 | / | Pass |
|    |       | 2680   | 100 | 0 | 19.894 | / | Pass |

3.2 Test Graph

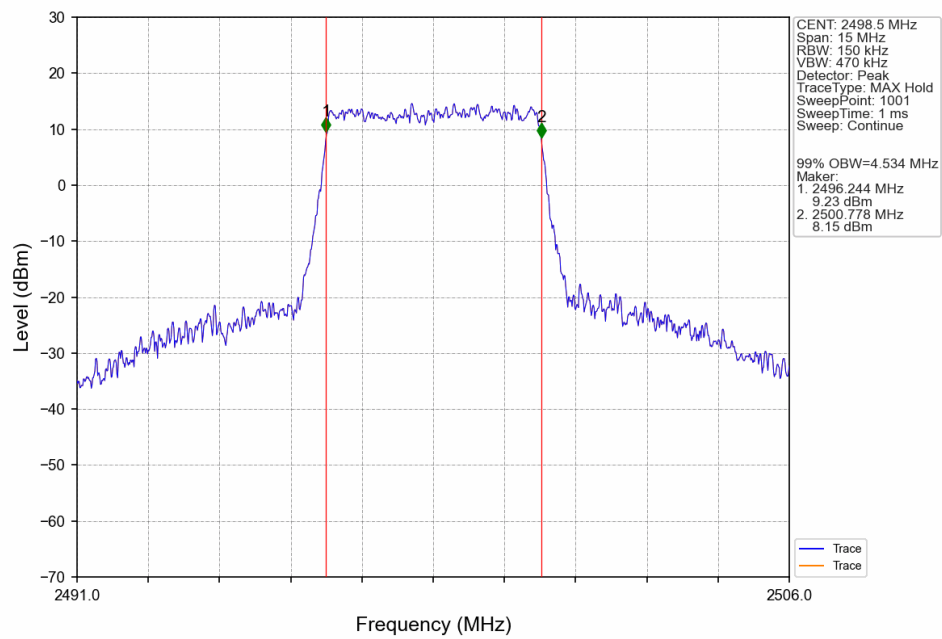
3.2.1 Band41\_OBW



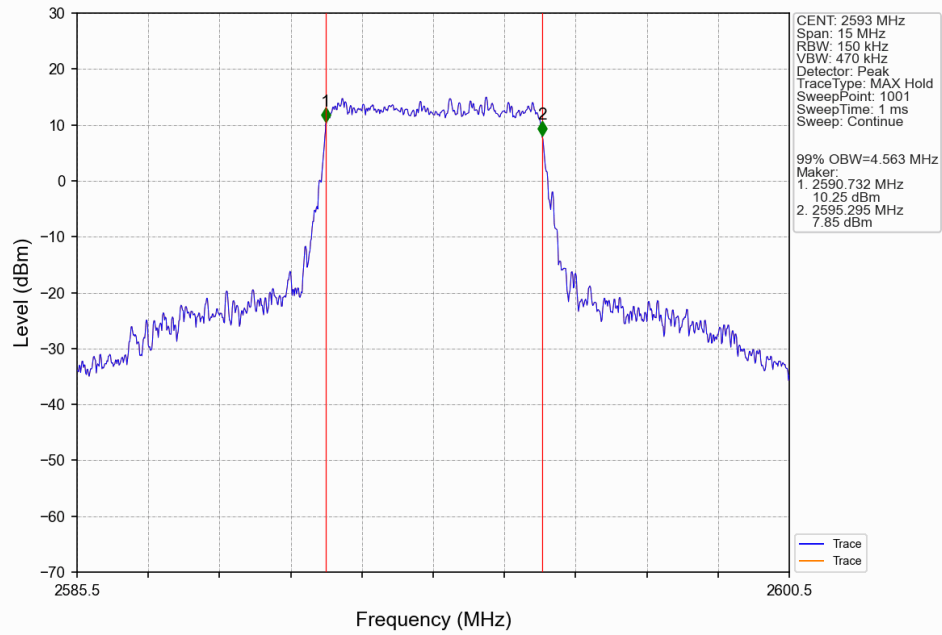
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



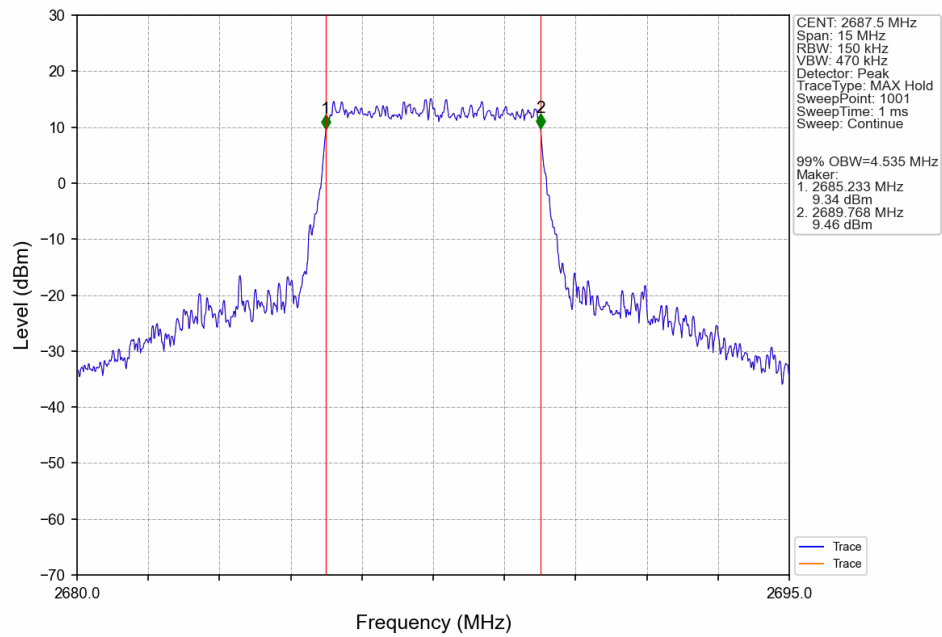
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



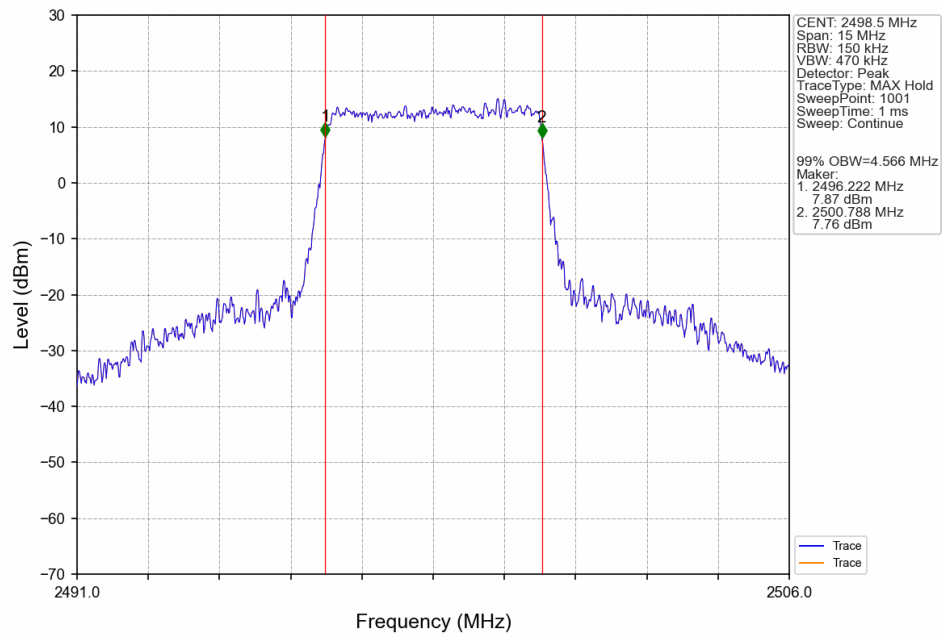
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



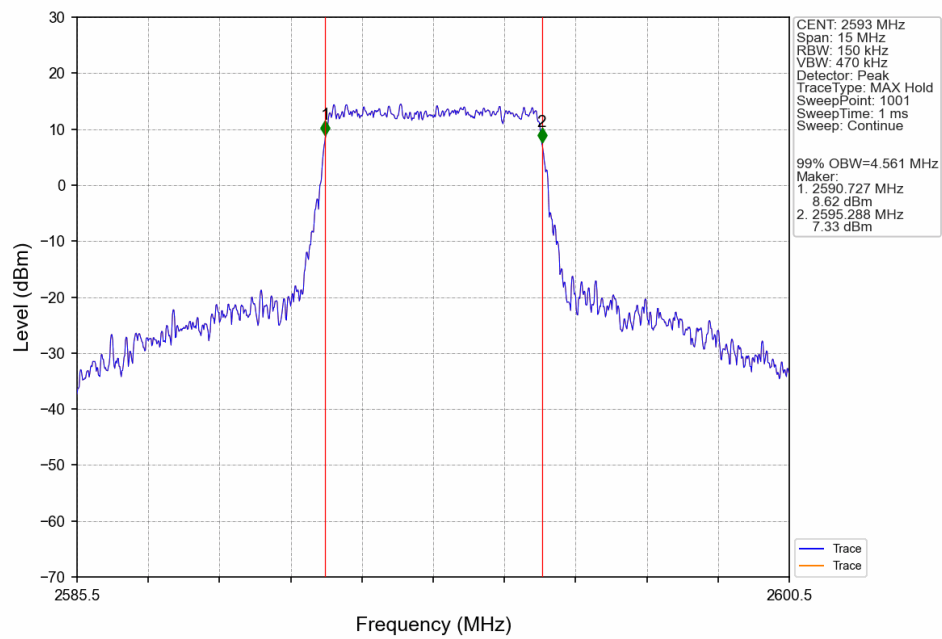
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



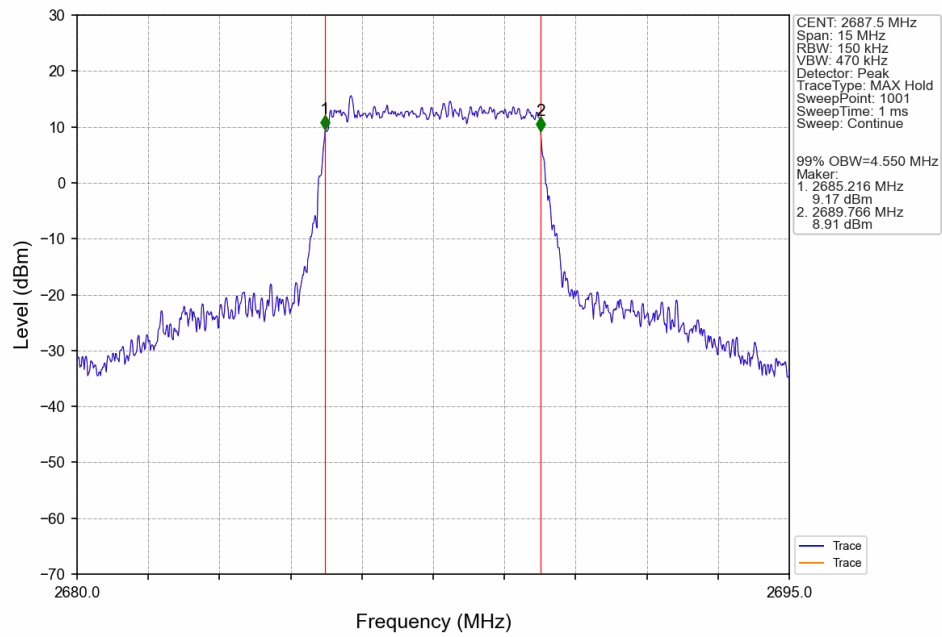
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



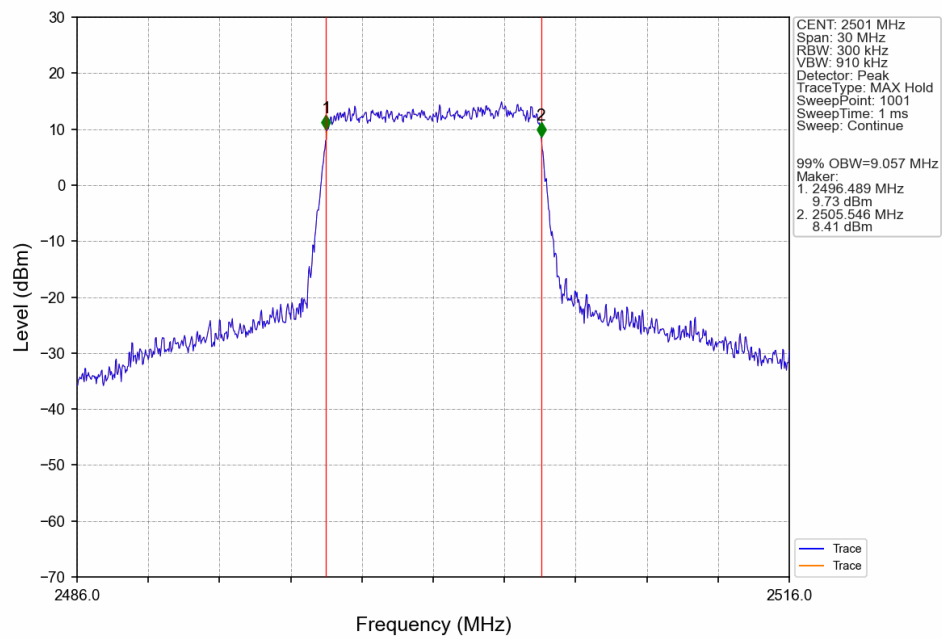
Band41\_5MHz\_64QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



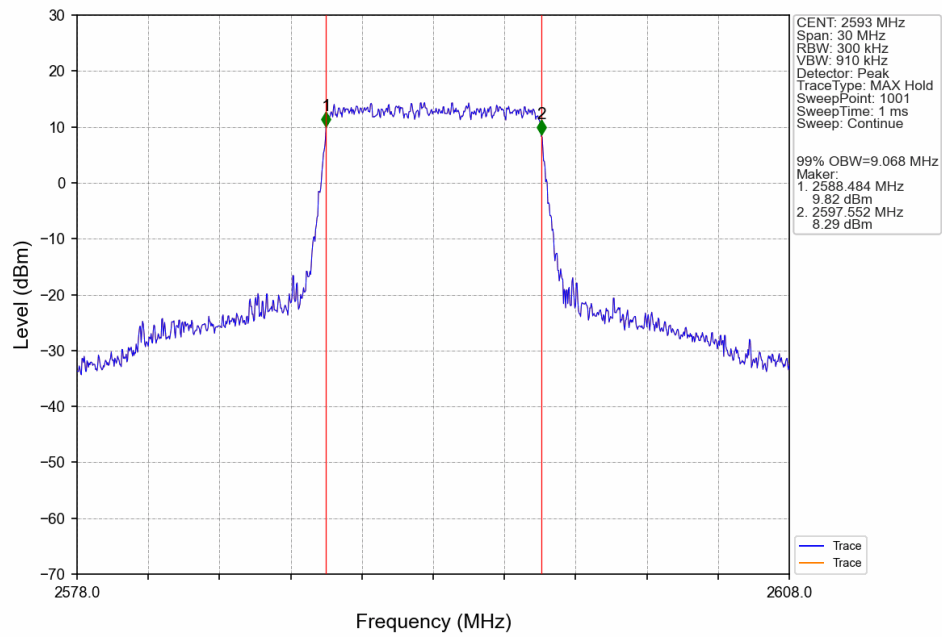
Band41 5MHz 64QAM HCH 2687.5MHz RB 25 0 NTN



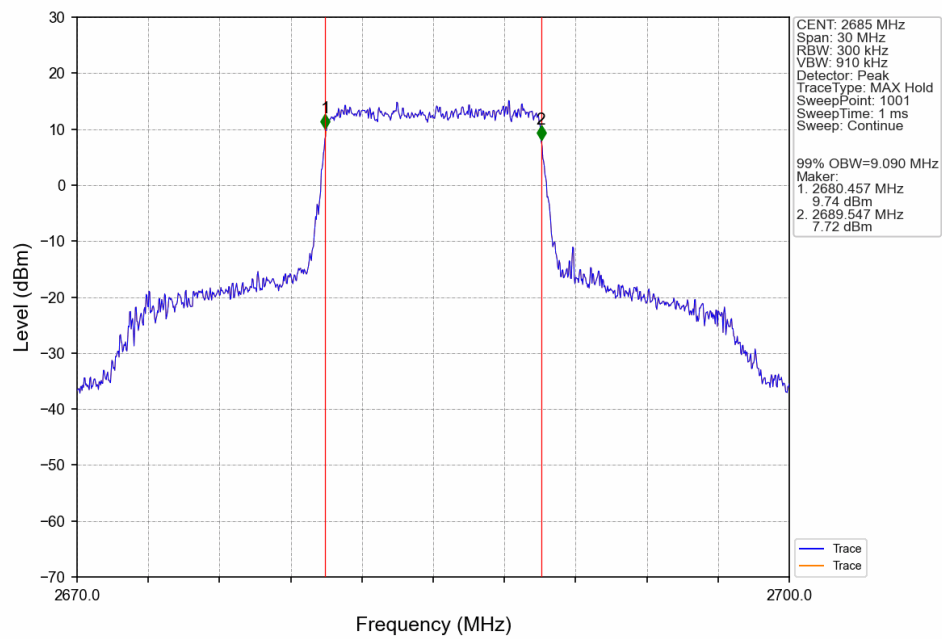
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0 NTN



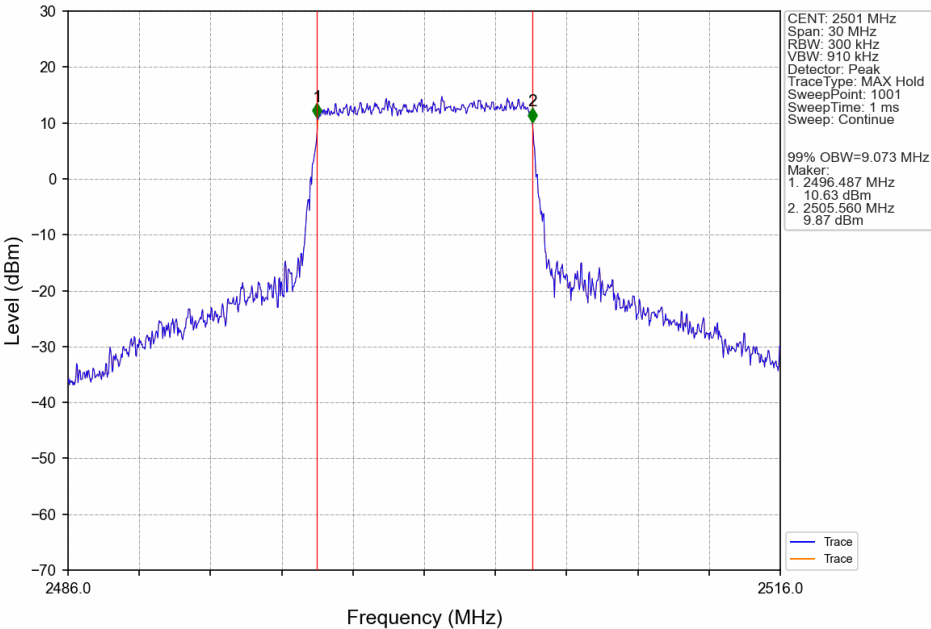
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



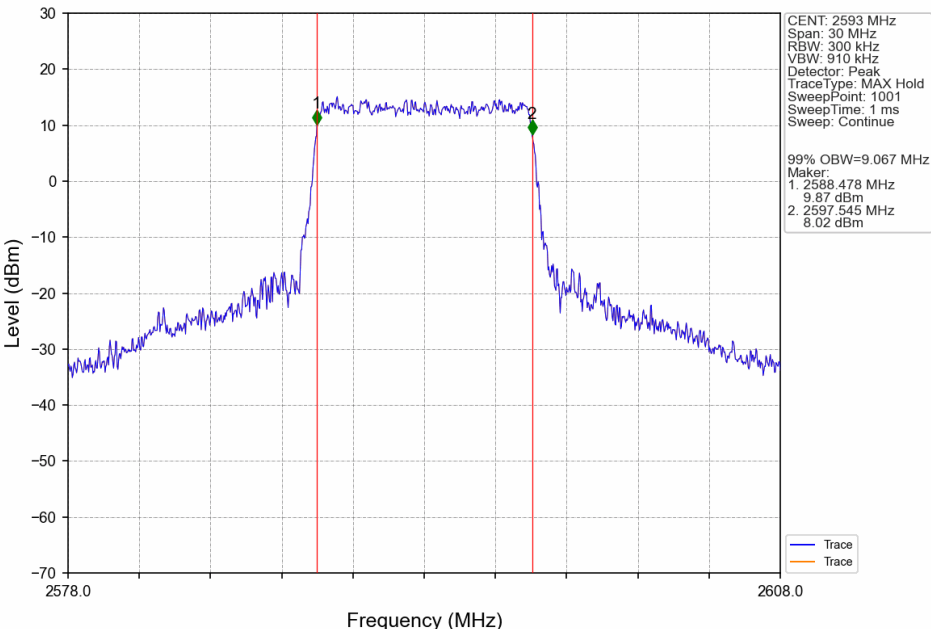
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



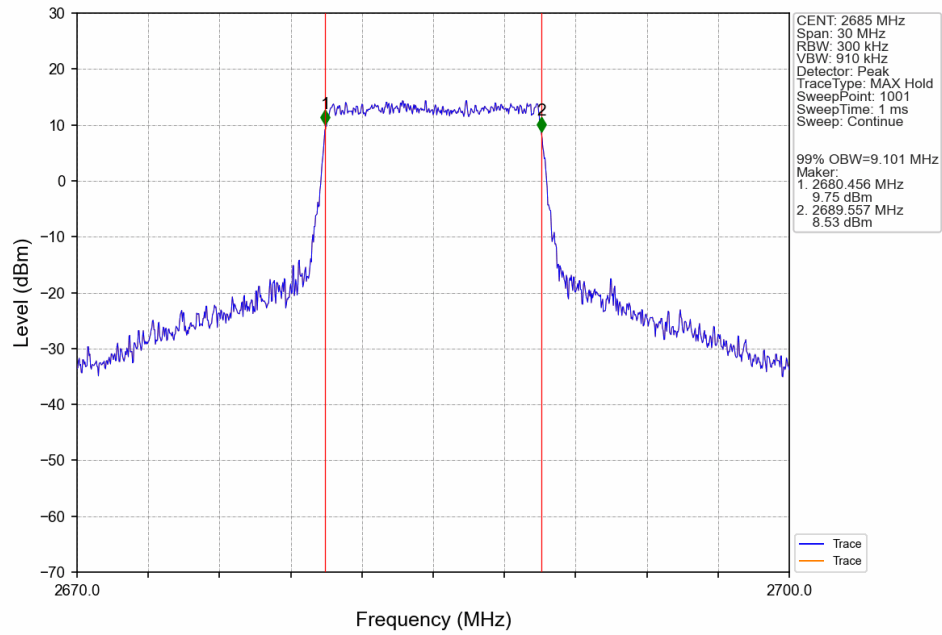
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



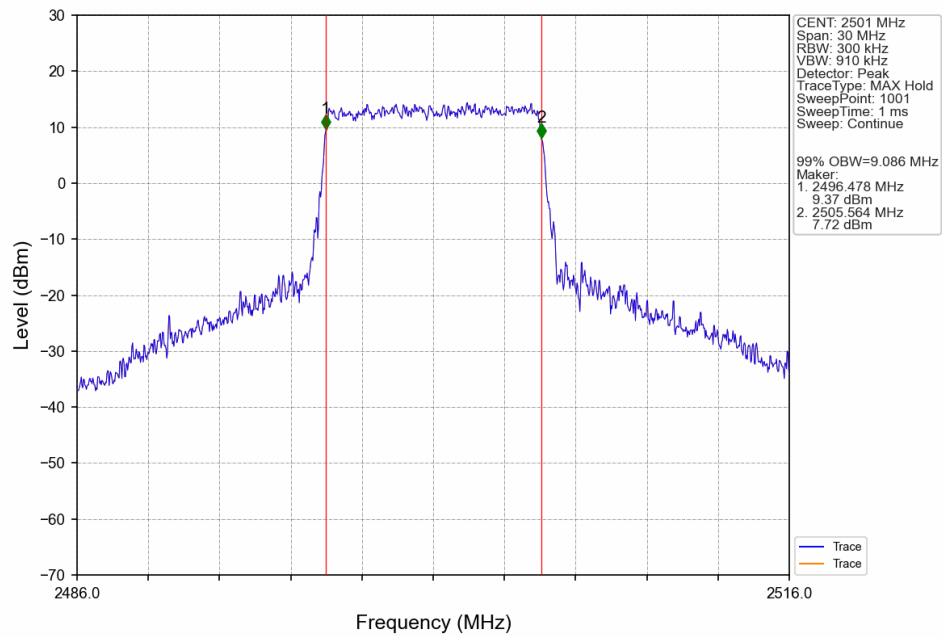
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



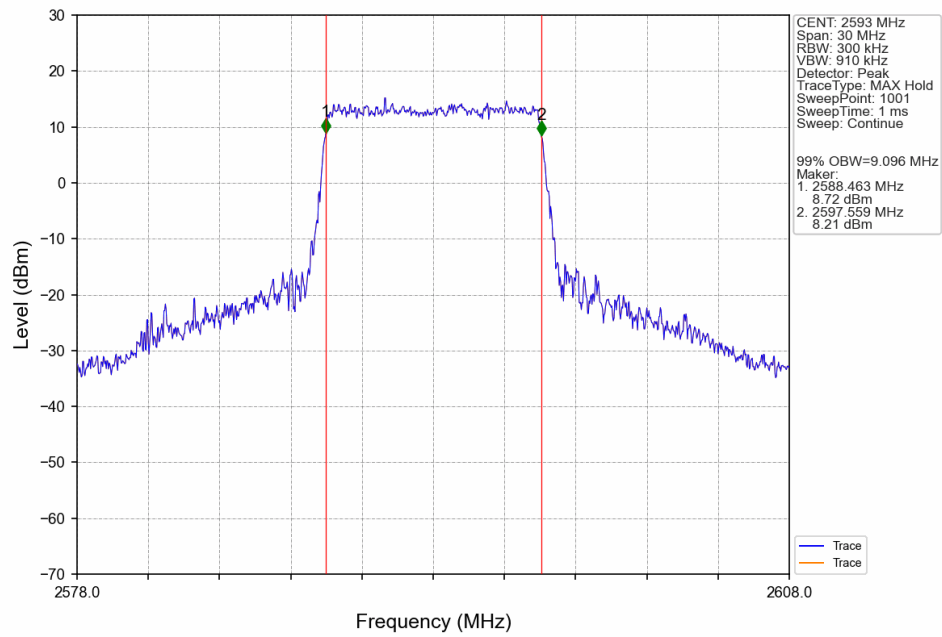
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



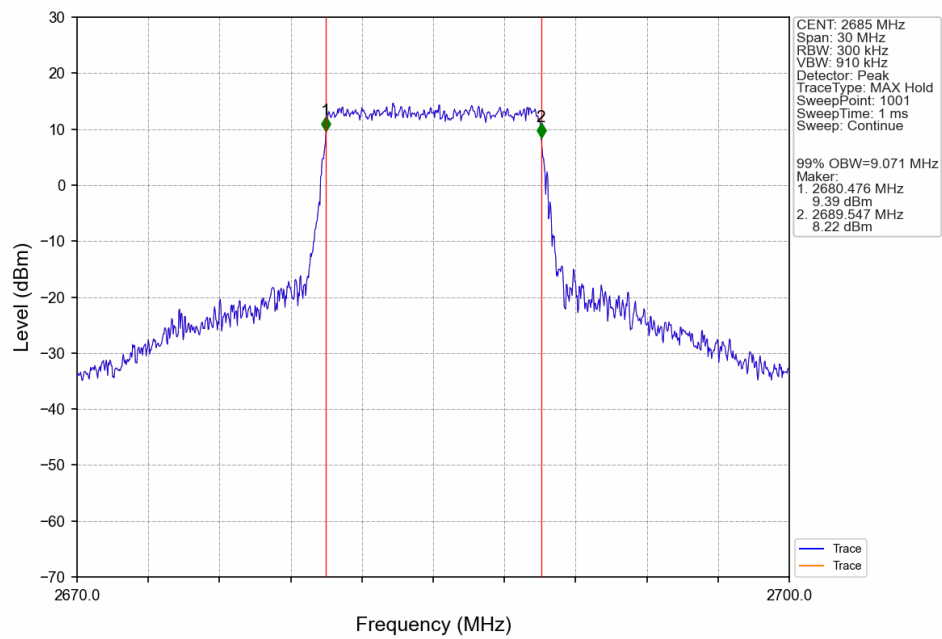
Band41\_10MHz\_64QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



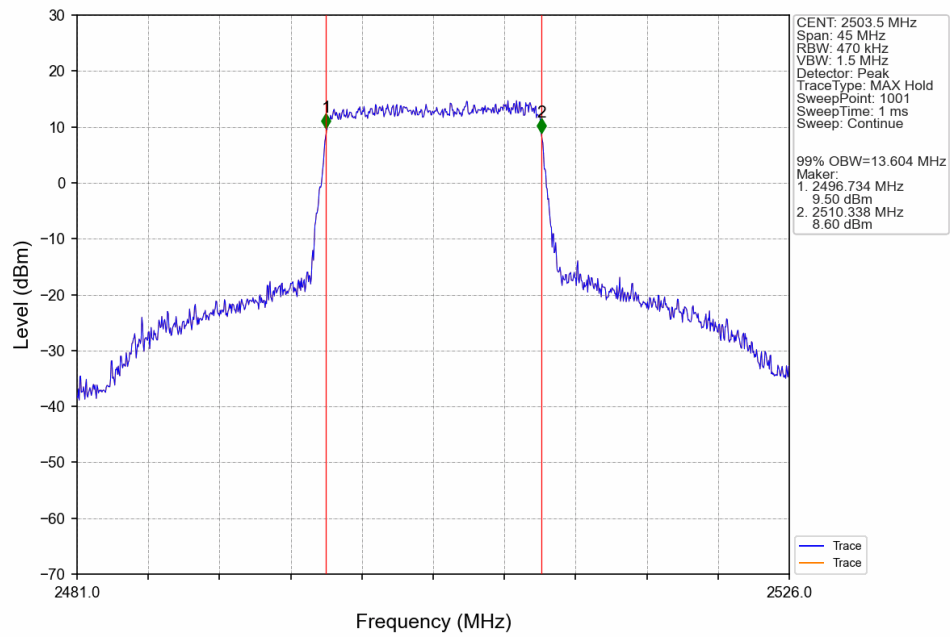
Band41\_10MHz\_64QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



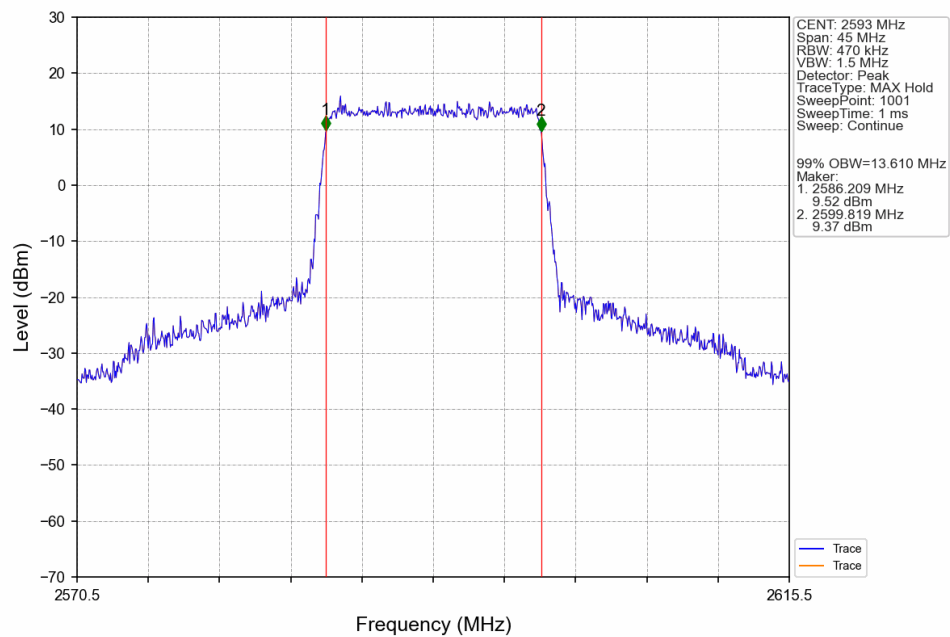
Band41\_10MHz\_64QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



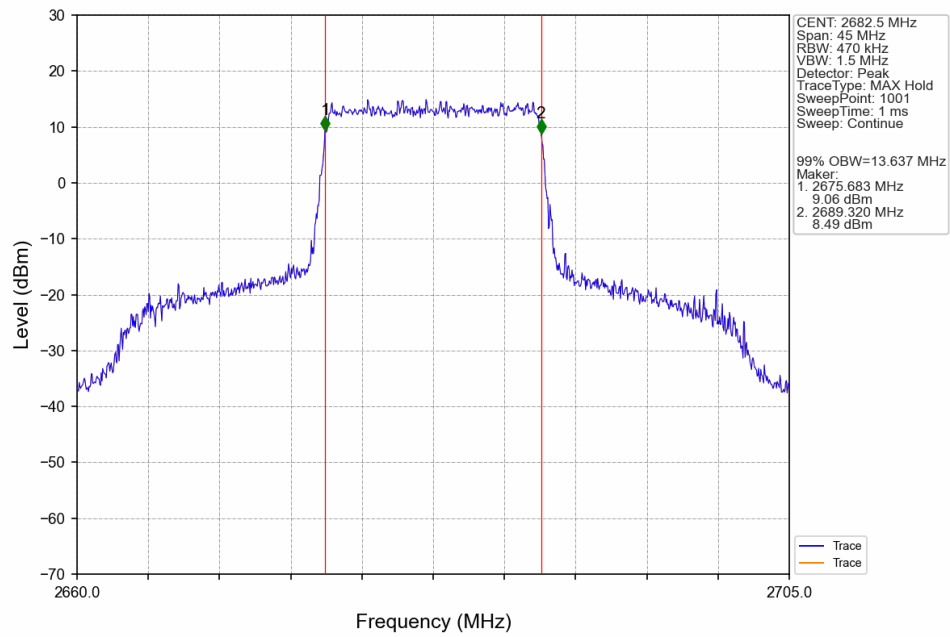
# Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



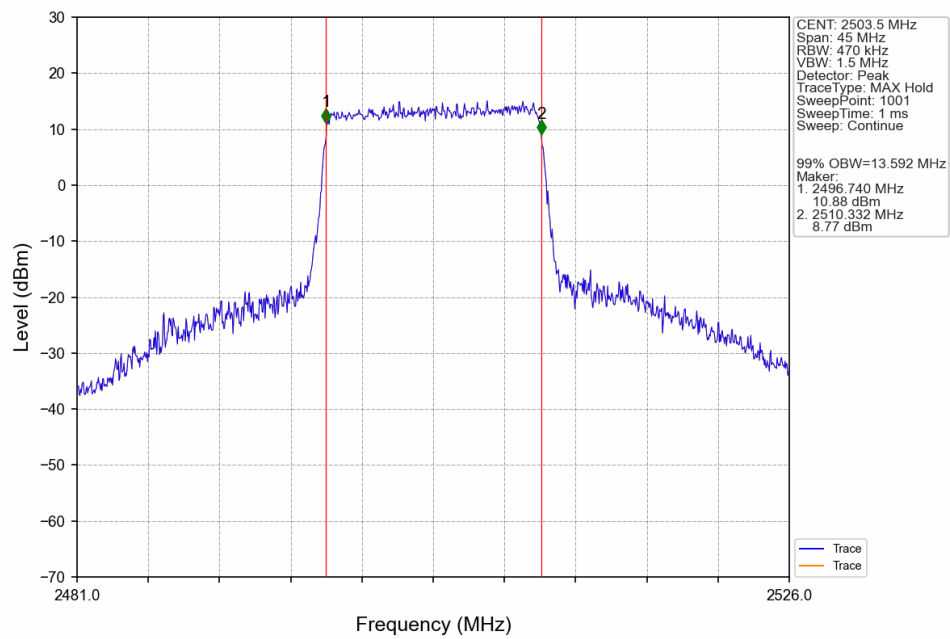
# Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



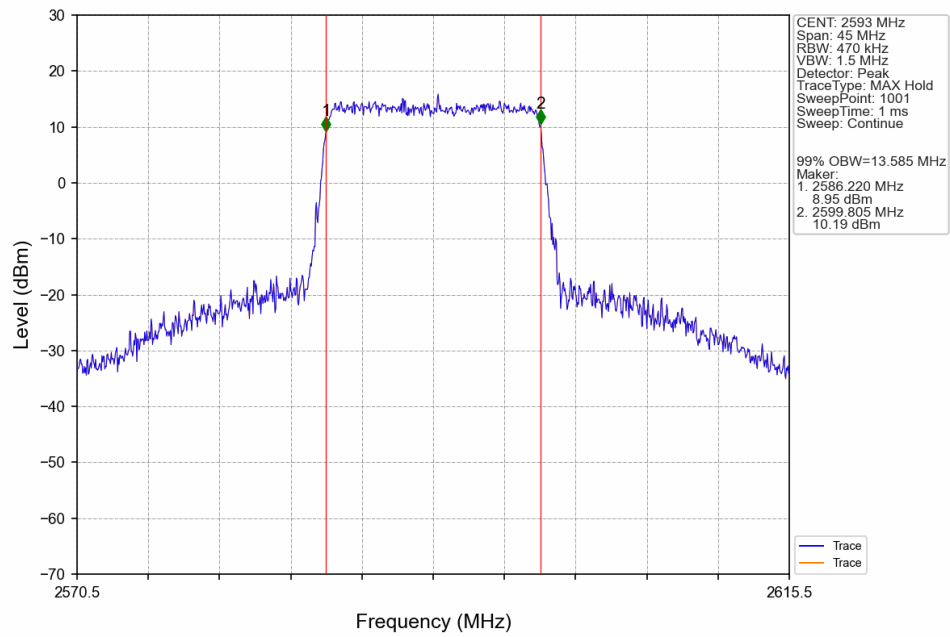
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



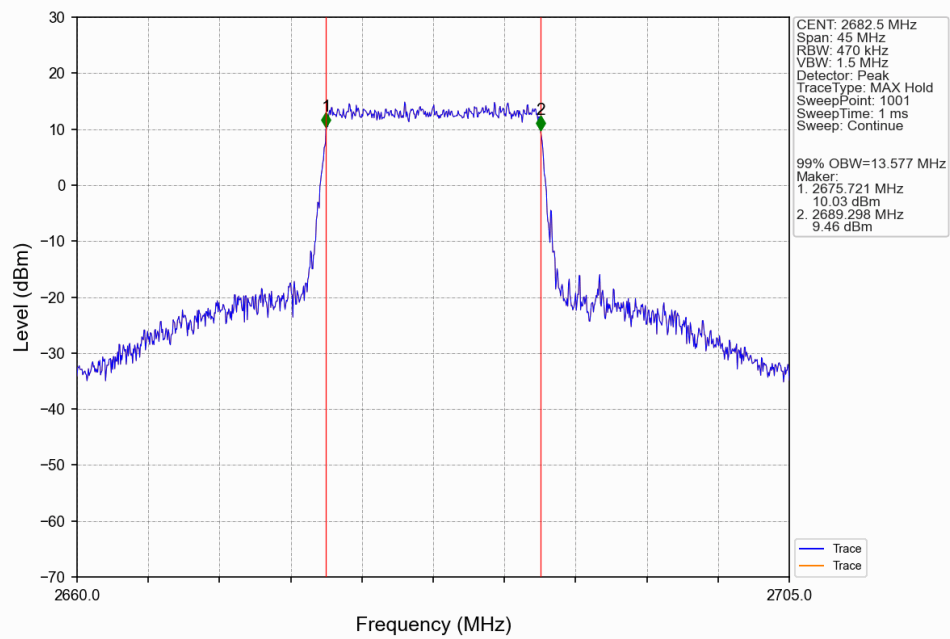
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



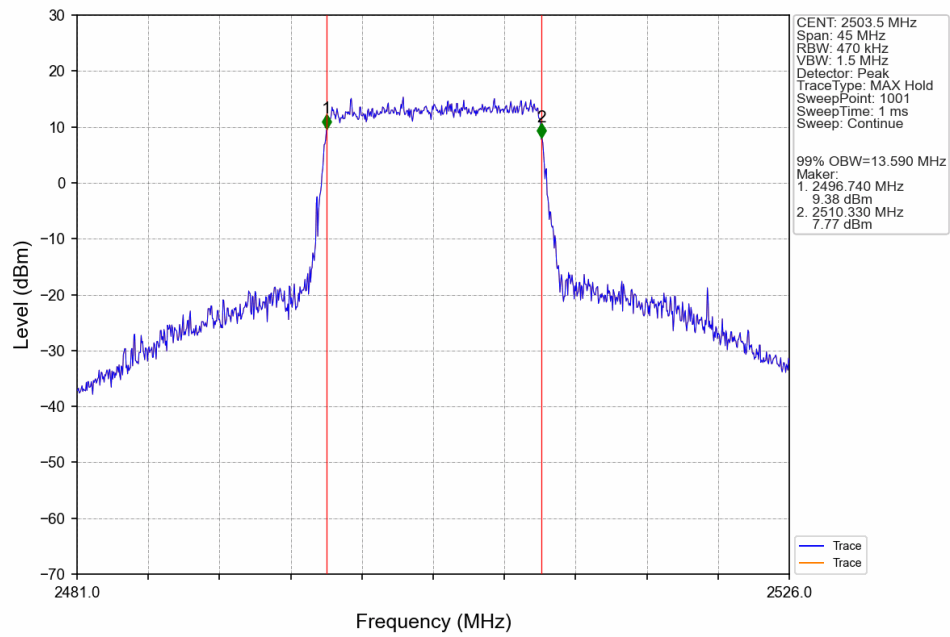
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



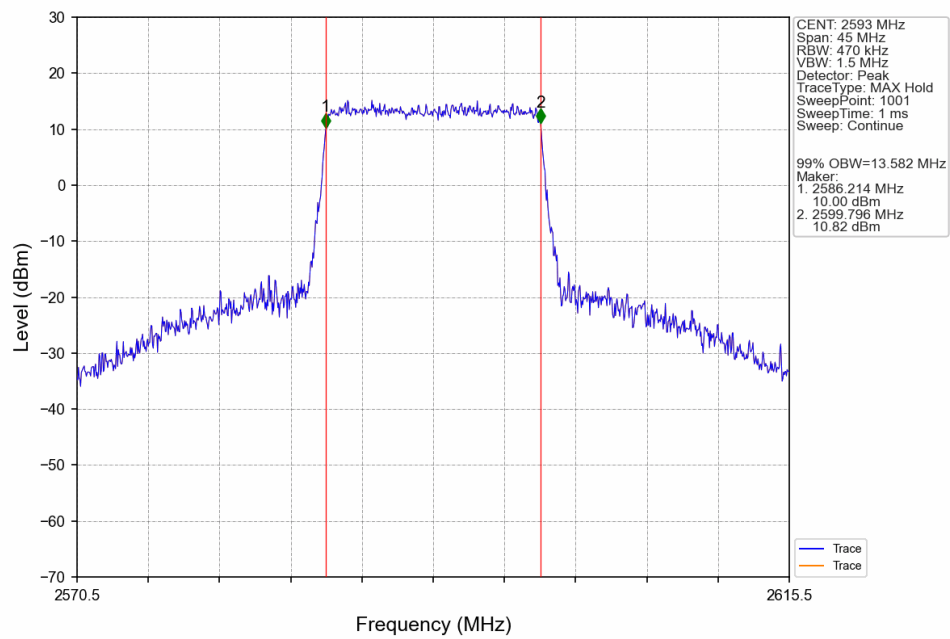
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



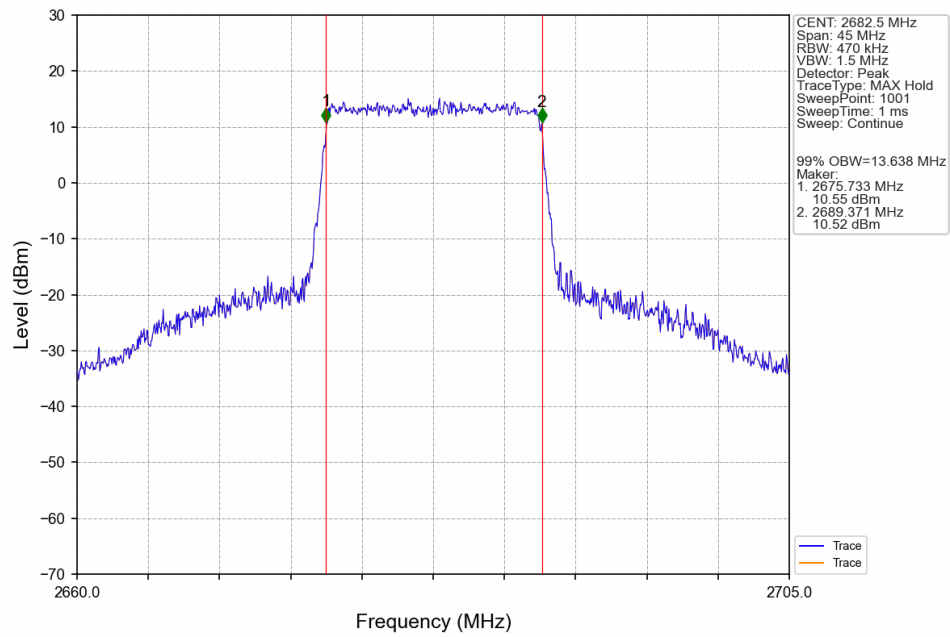
Band41\_15MHz\_64QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



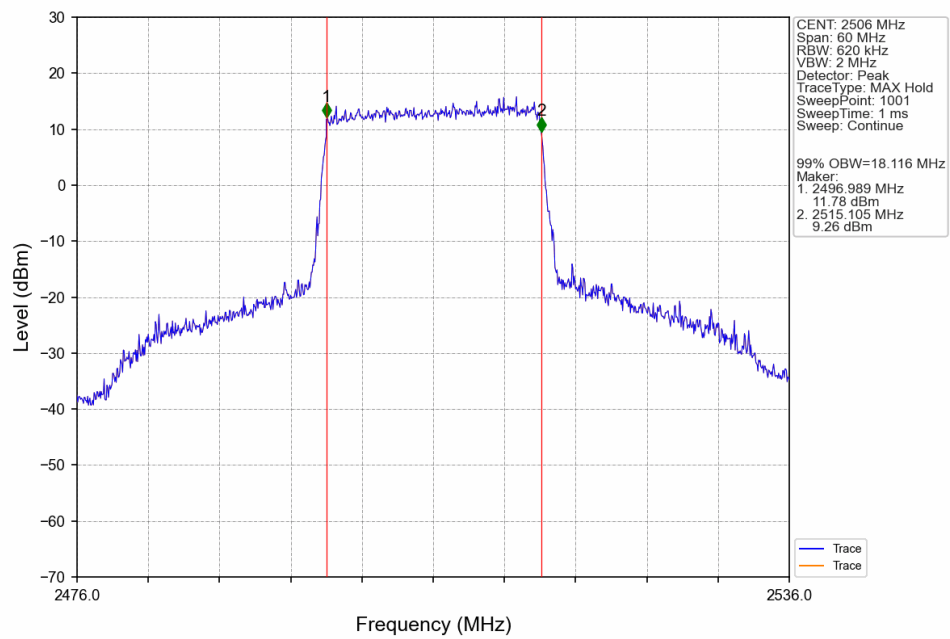
Band41\_15MHz\_64QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



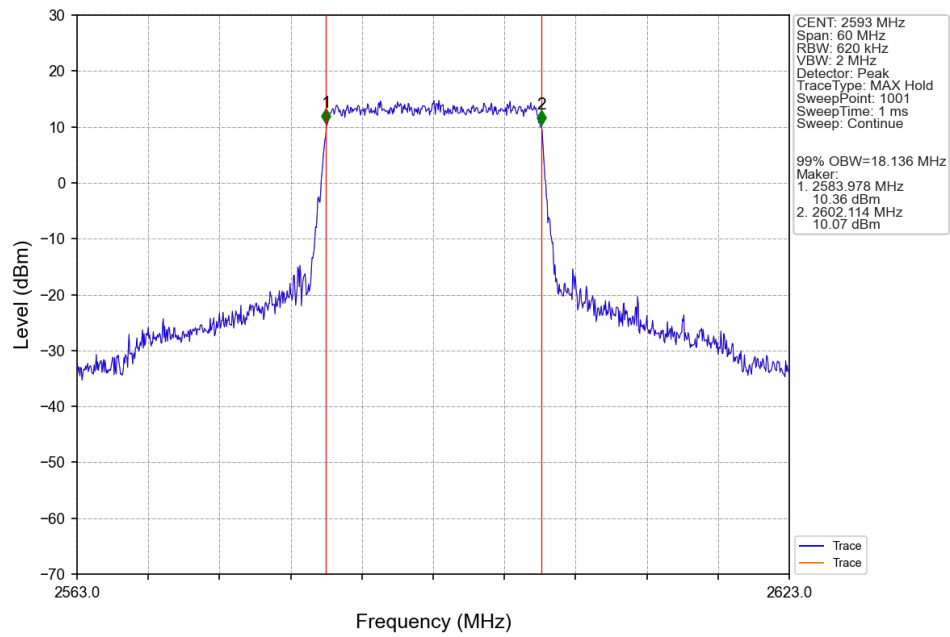
Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



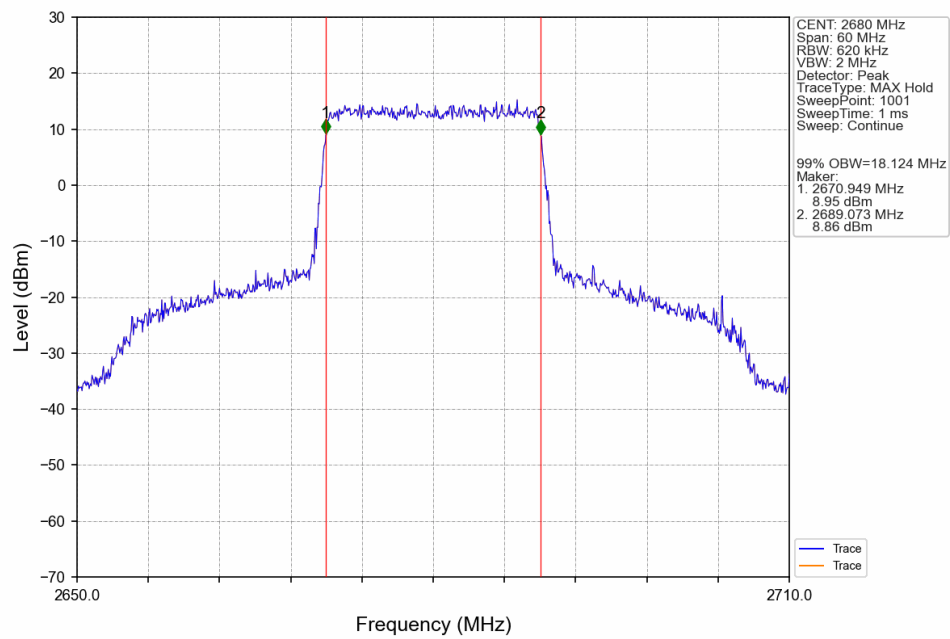
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



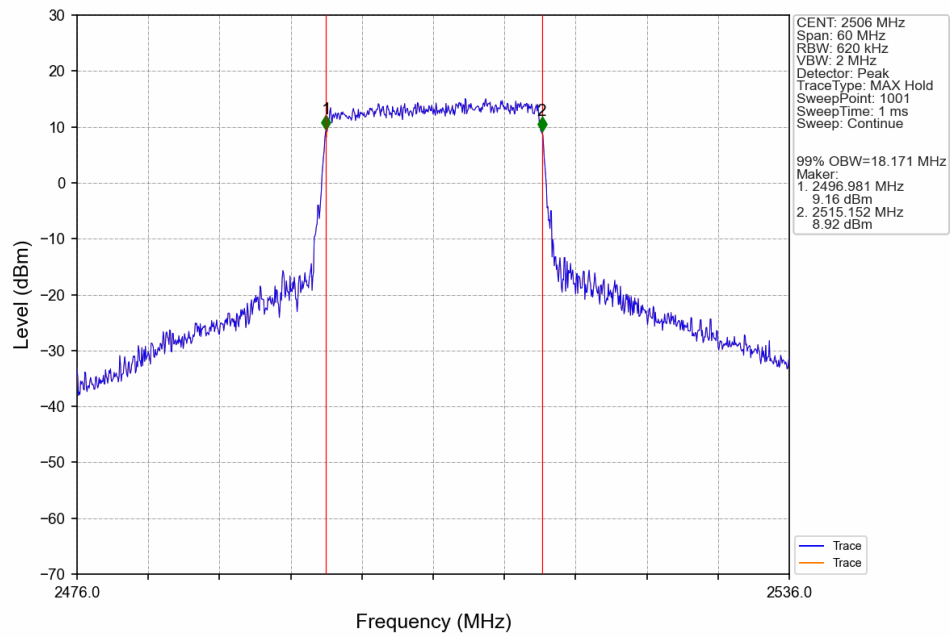
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



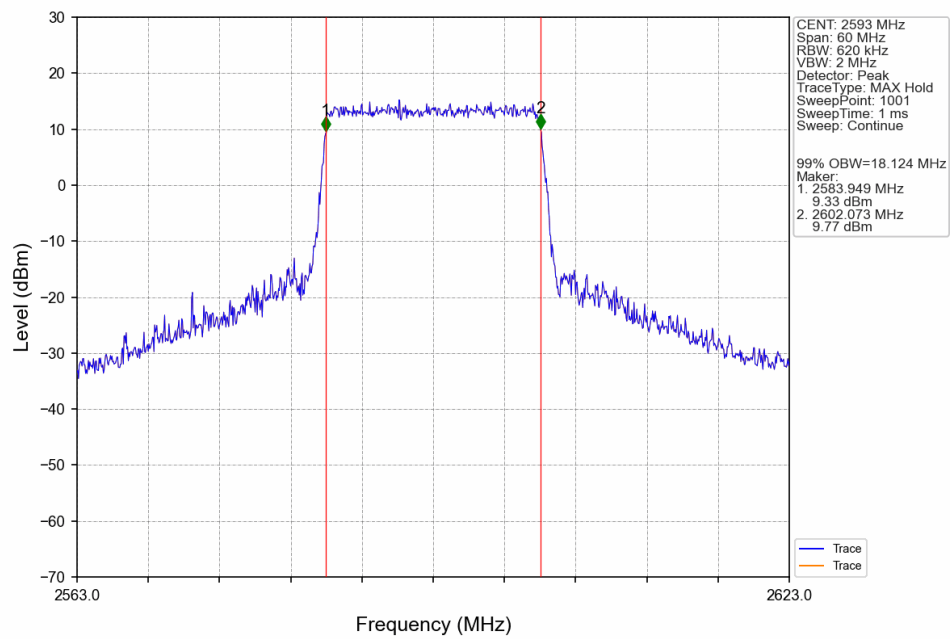
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



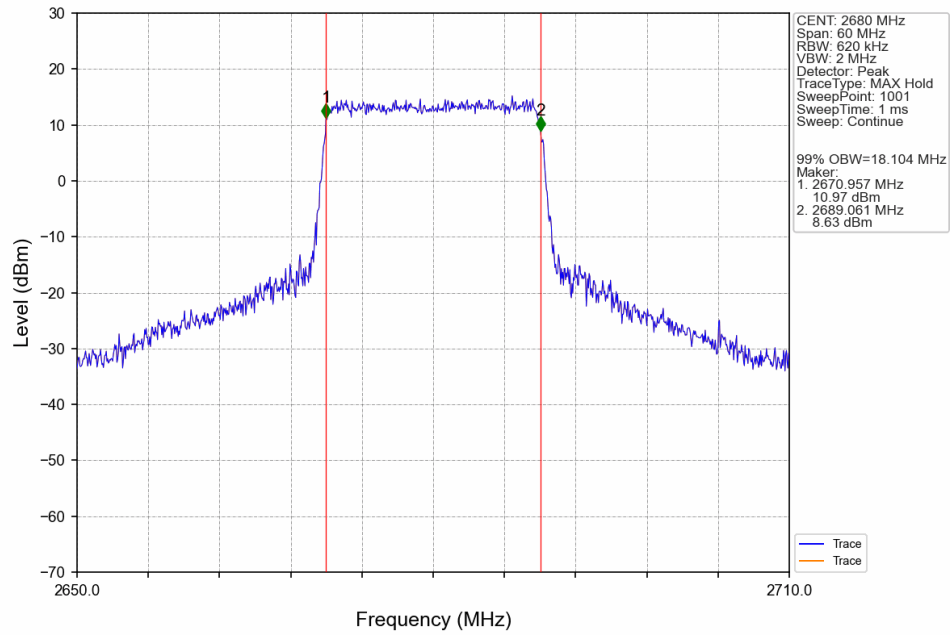
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



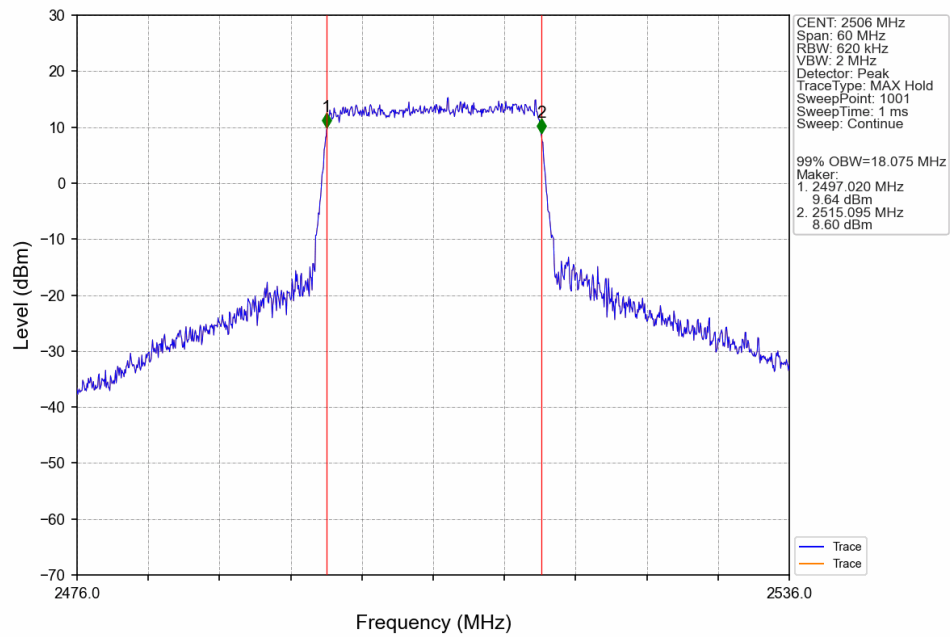
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



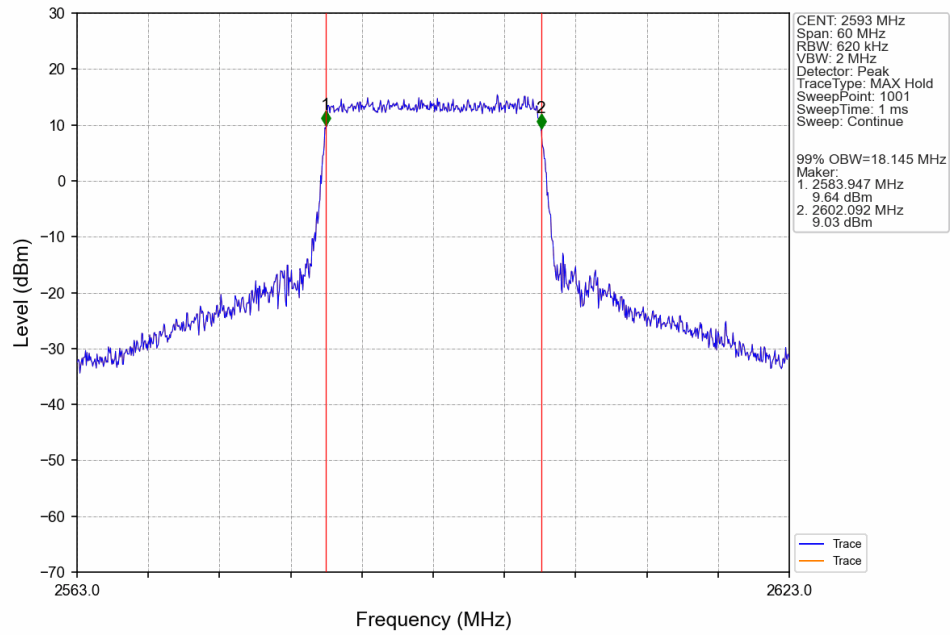
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



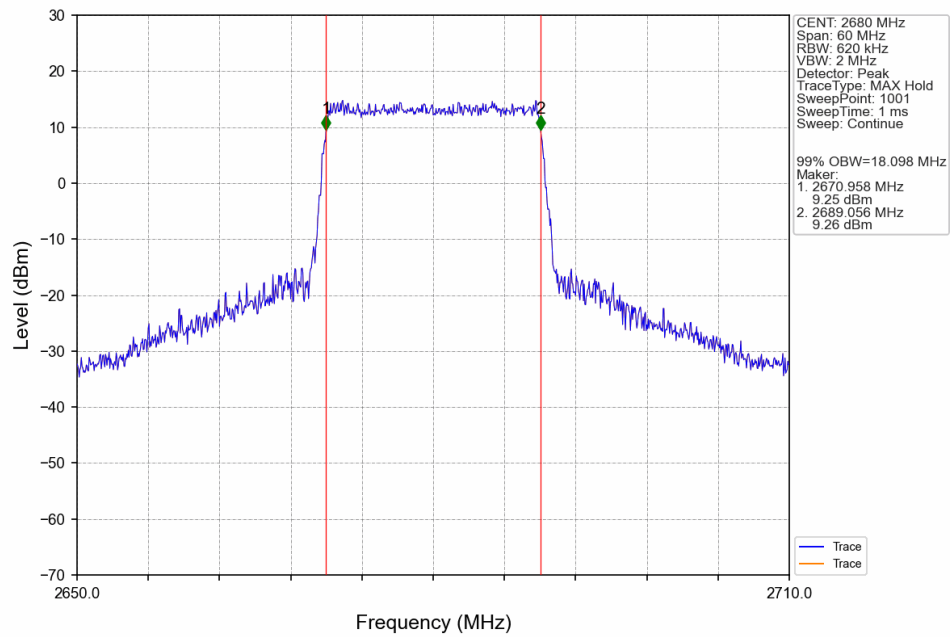
Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



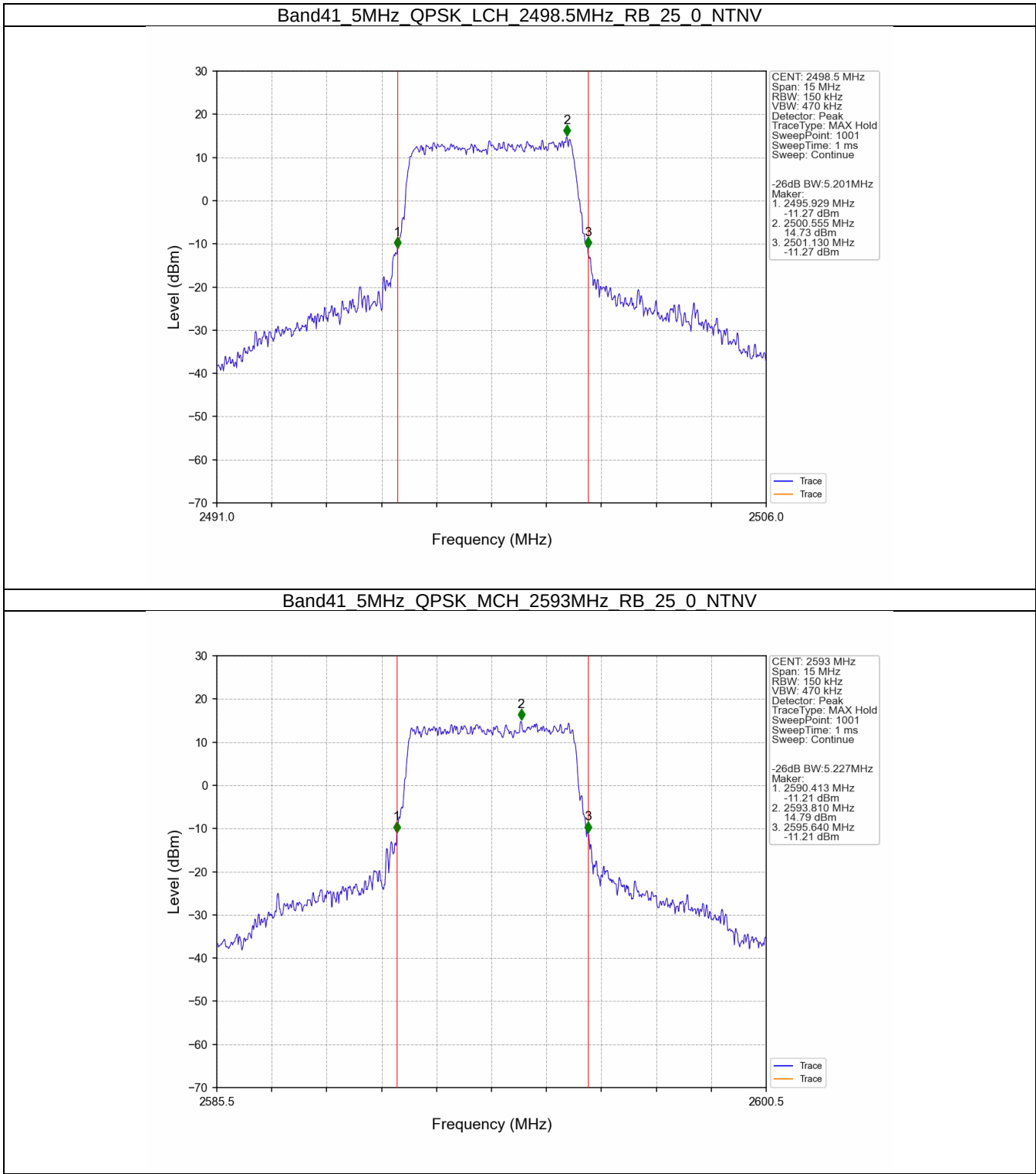
Band41\_20MHz\_64QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



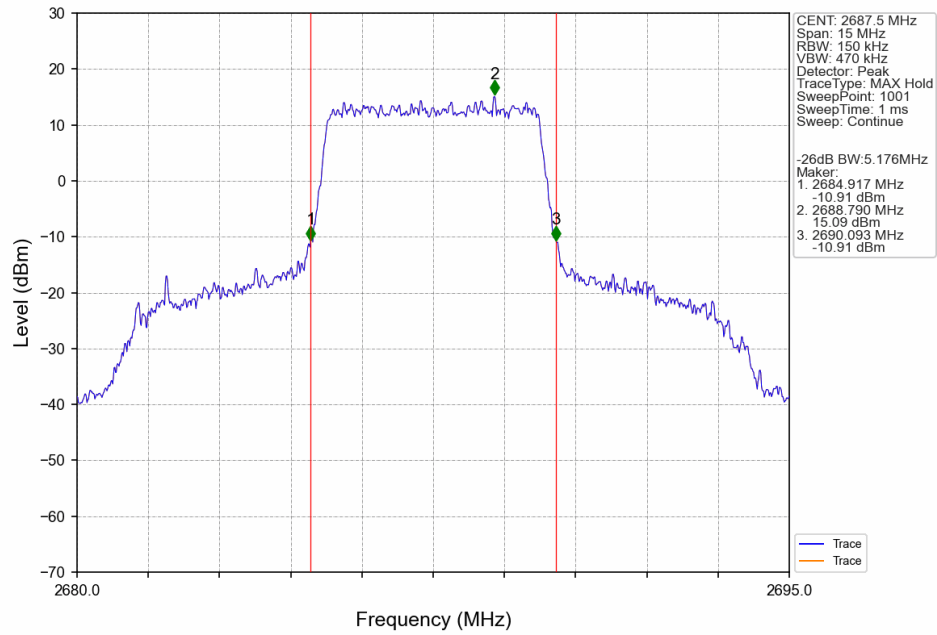
Band41\_20MHz\_64QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



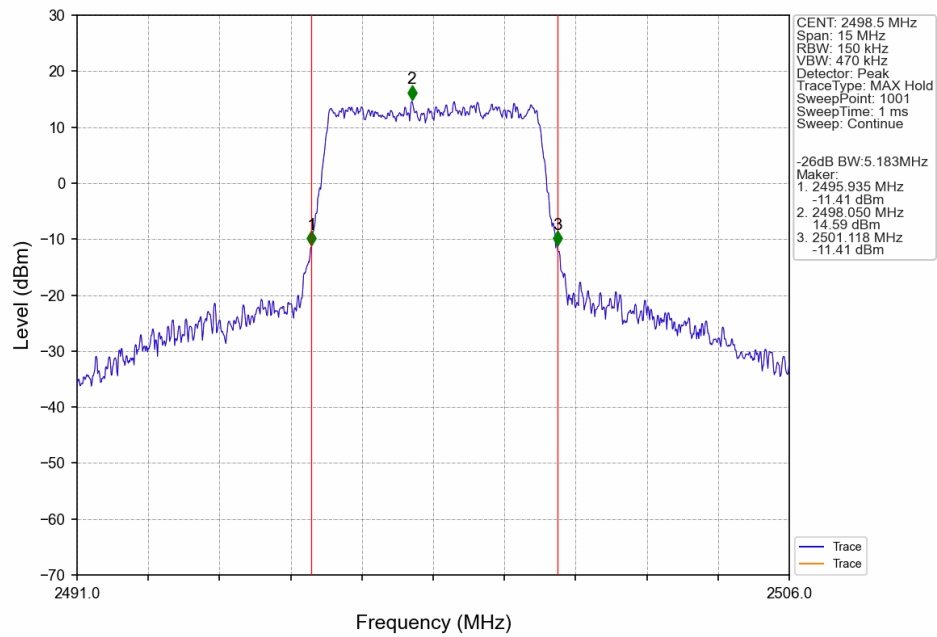
3.2.2 Band41\_XDB



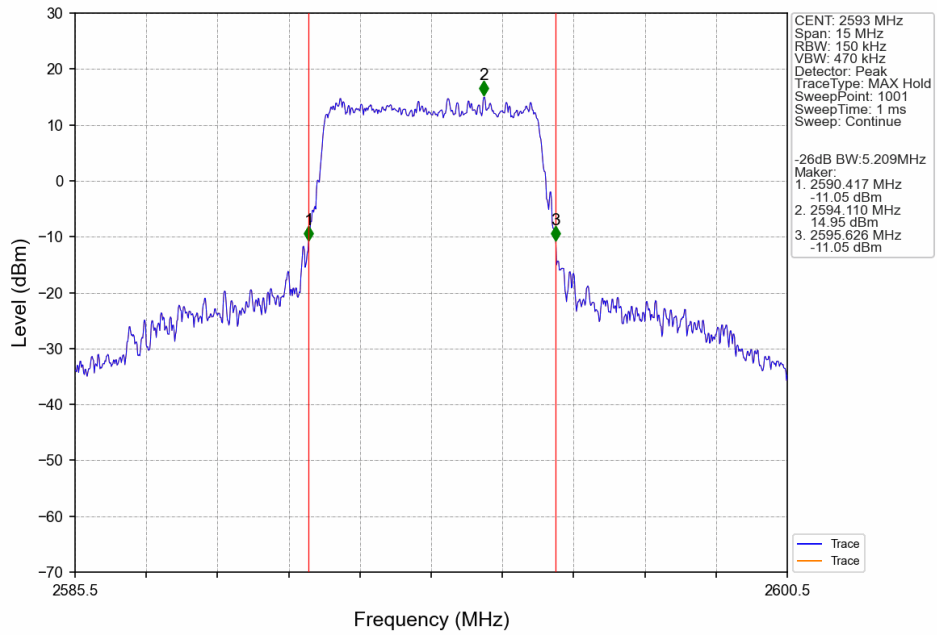
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



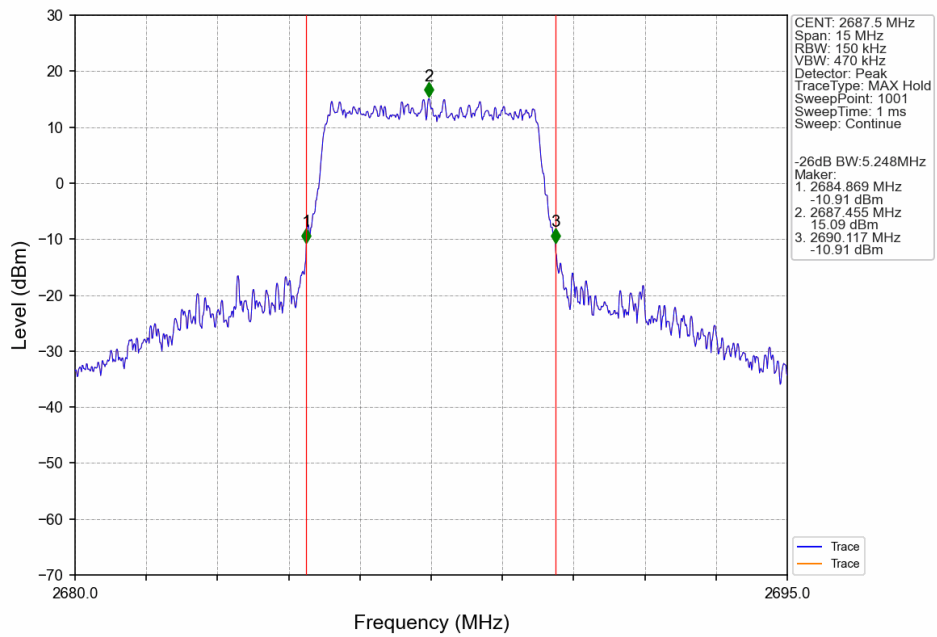
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



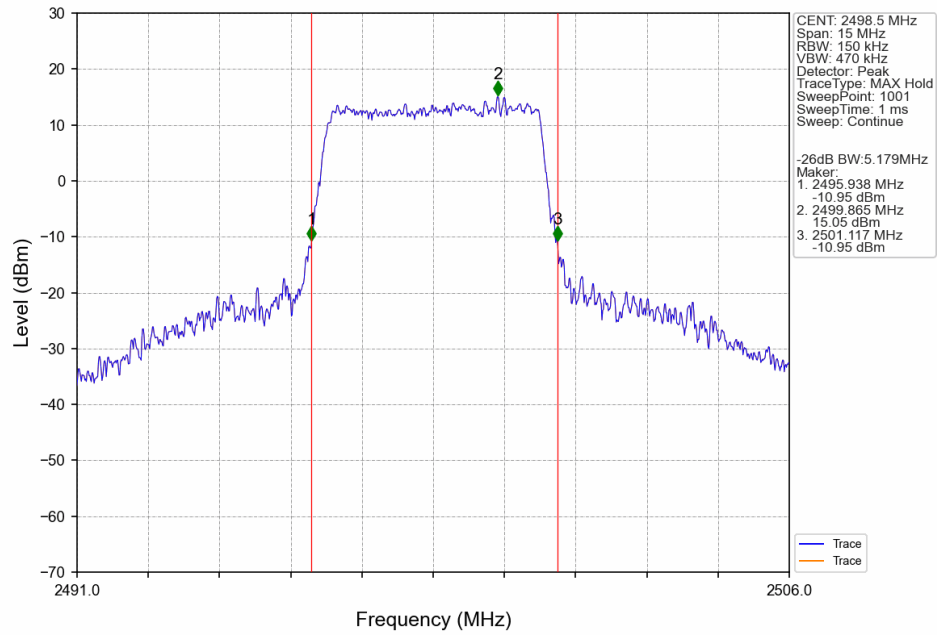
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



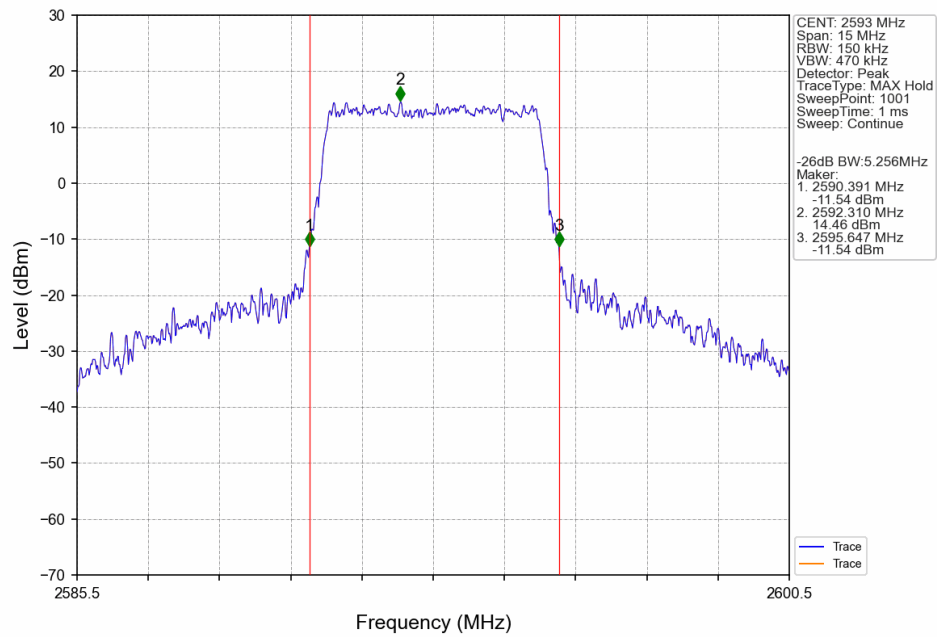
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



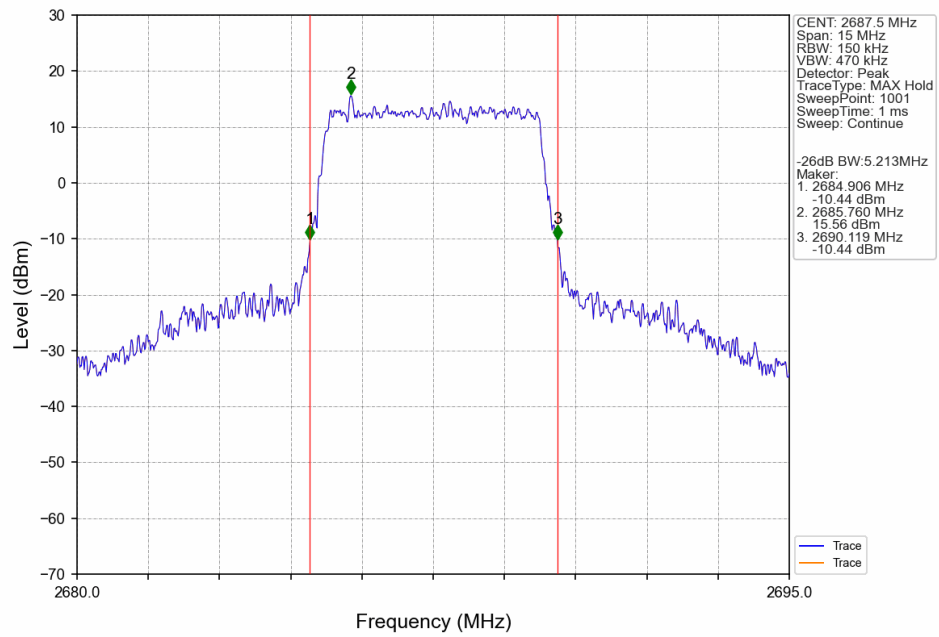
Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



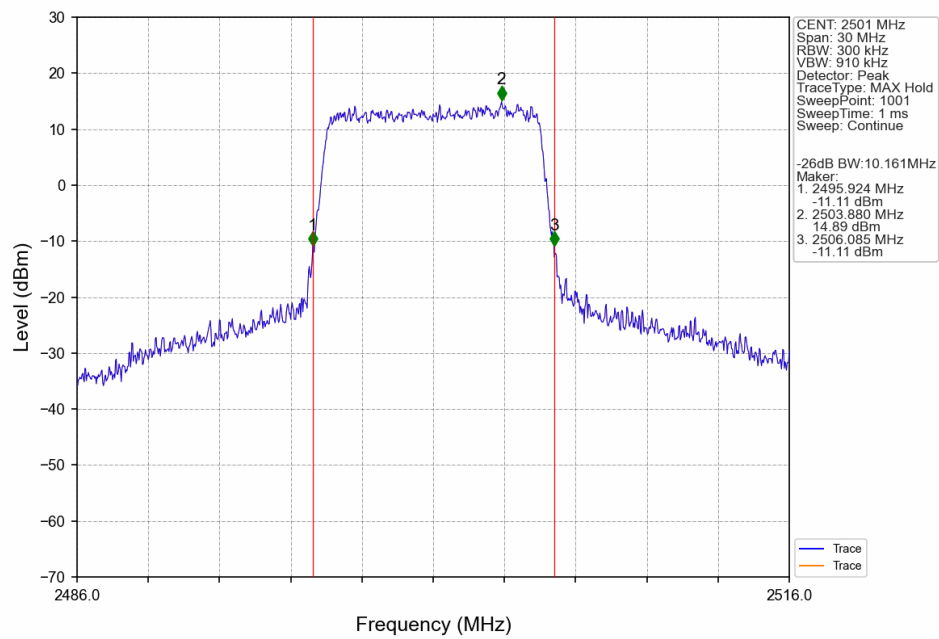
Band41\_5MHz\_64QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



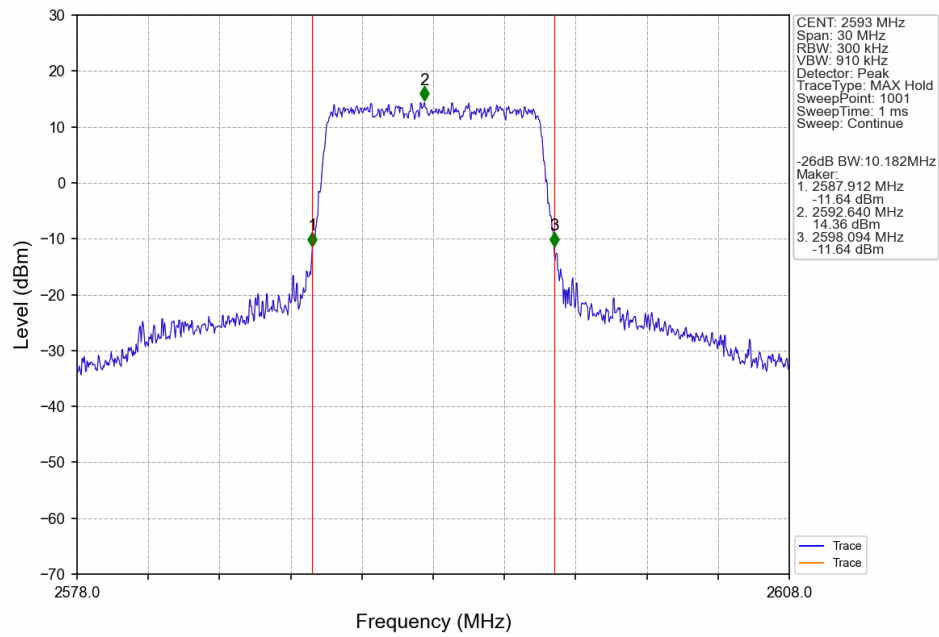
Band41 5MHz 64QAM HCH 2687.5MHz RB 25 0 NTNV



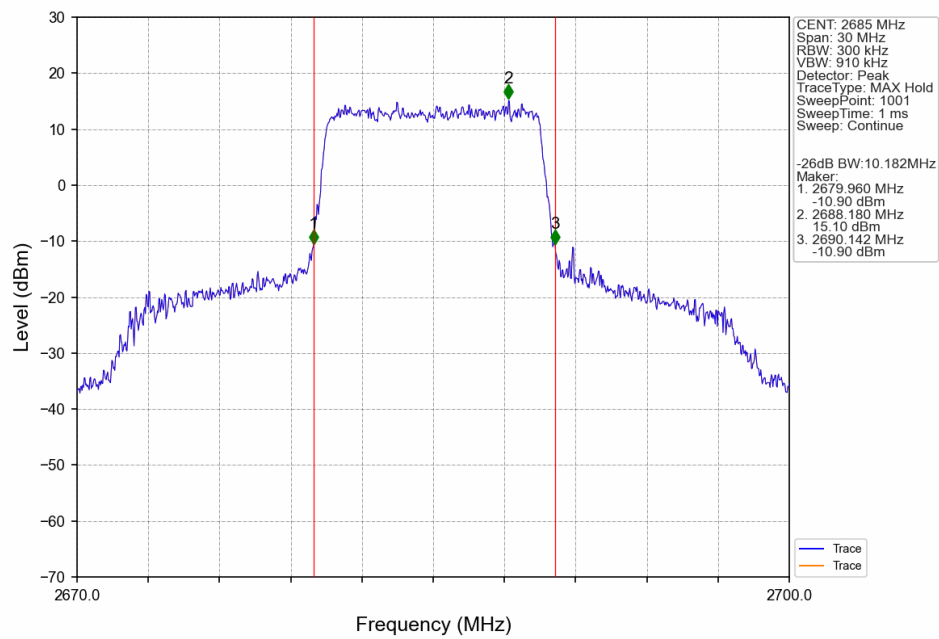
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV



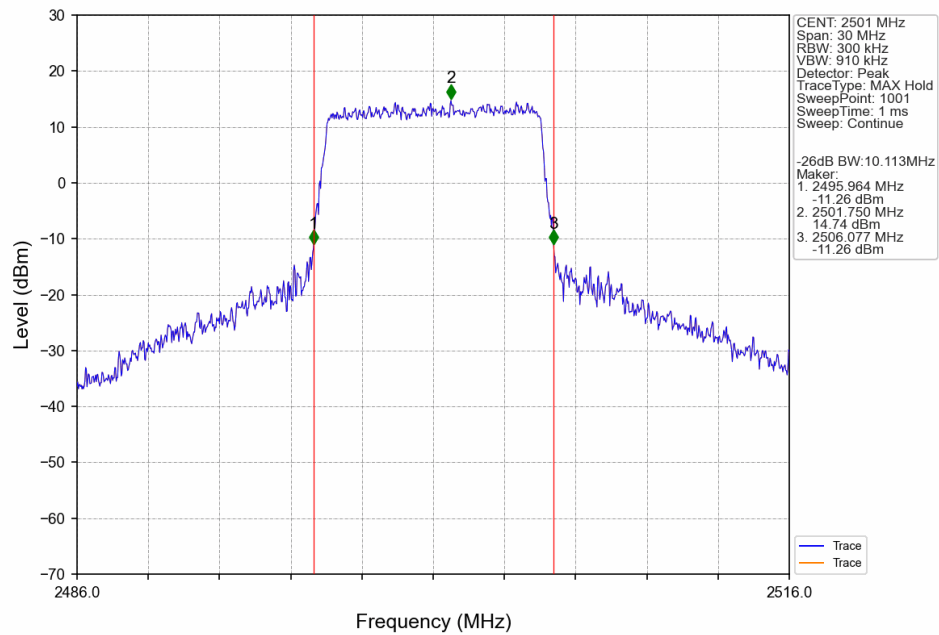
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



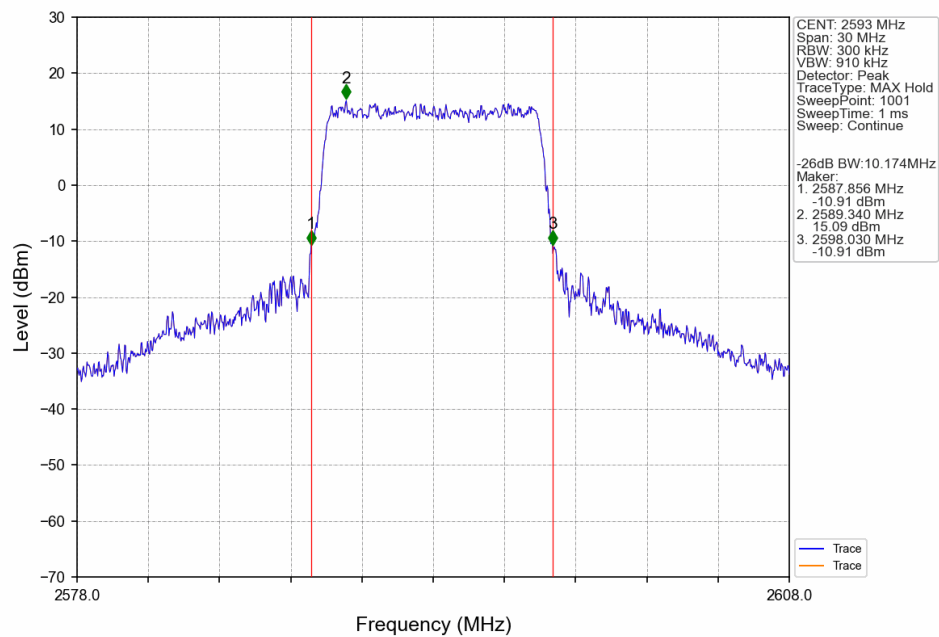
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



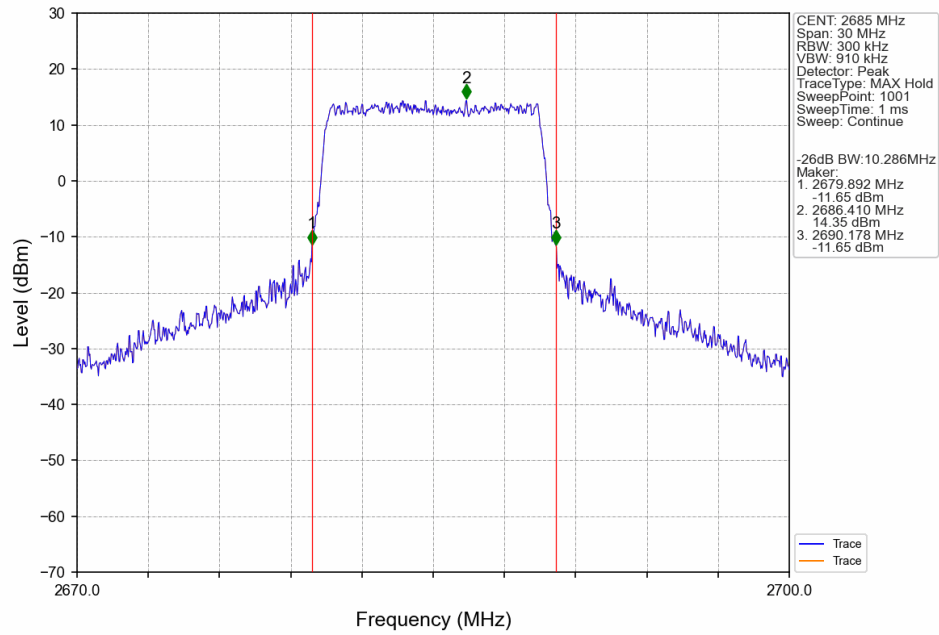
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



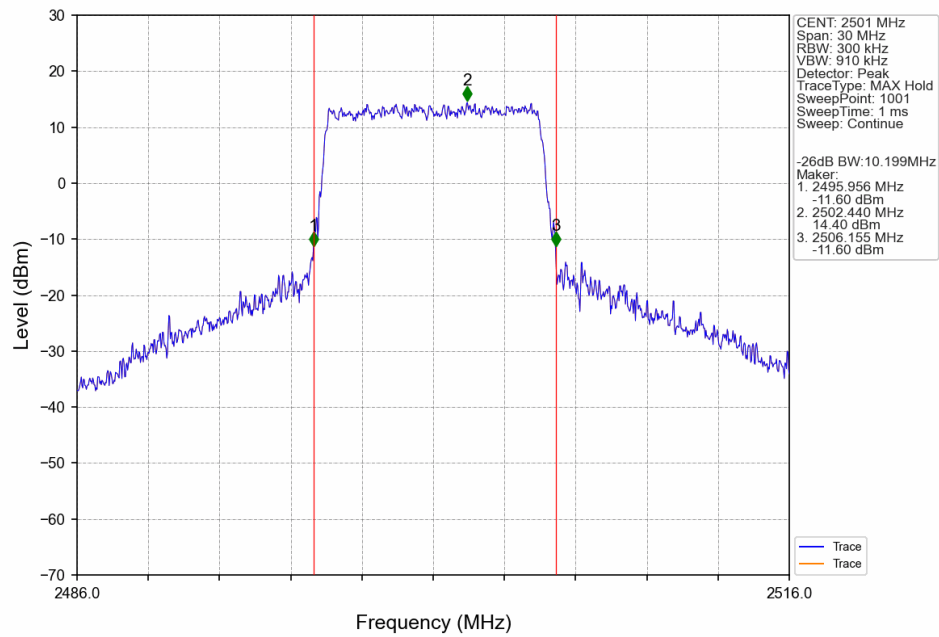
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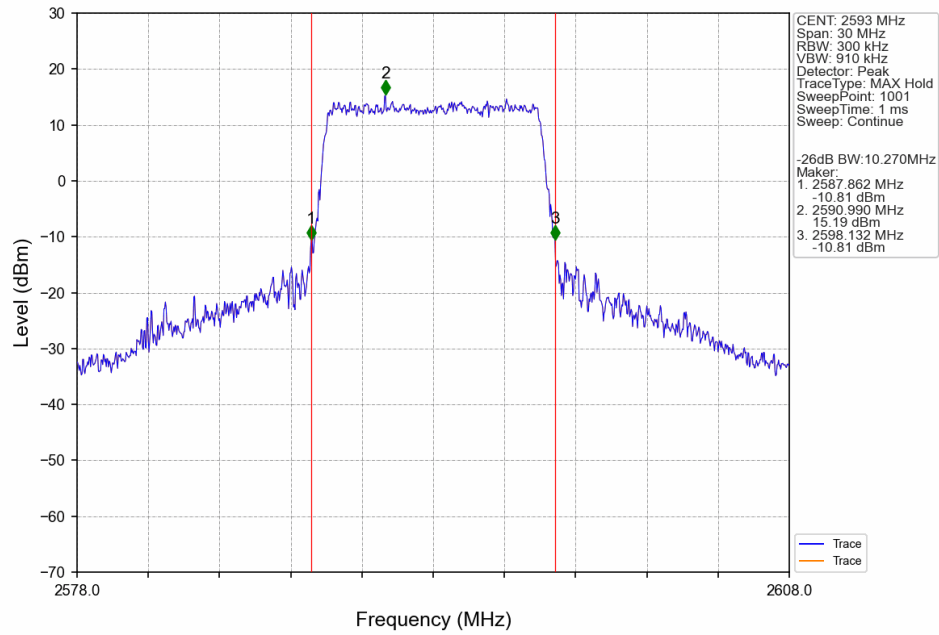
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



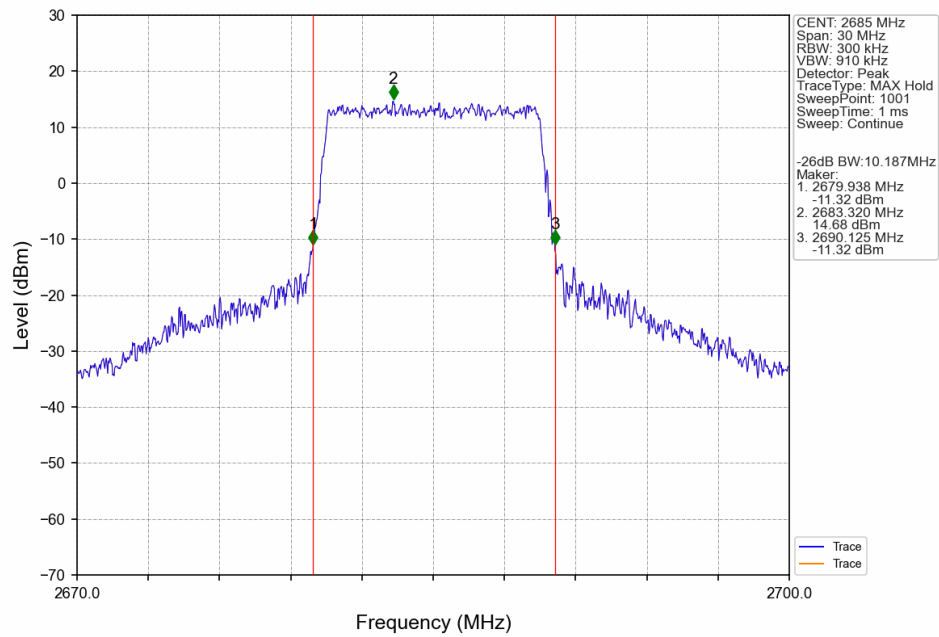
Band41\_10MHz\_64QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



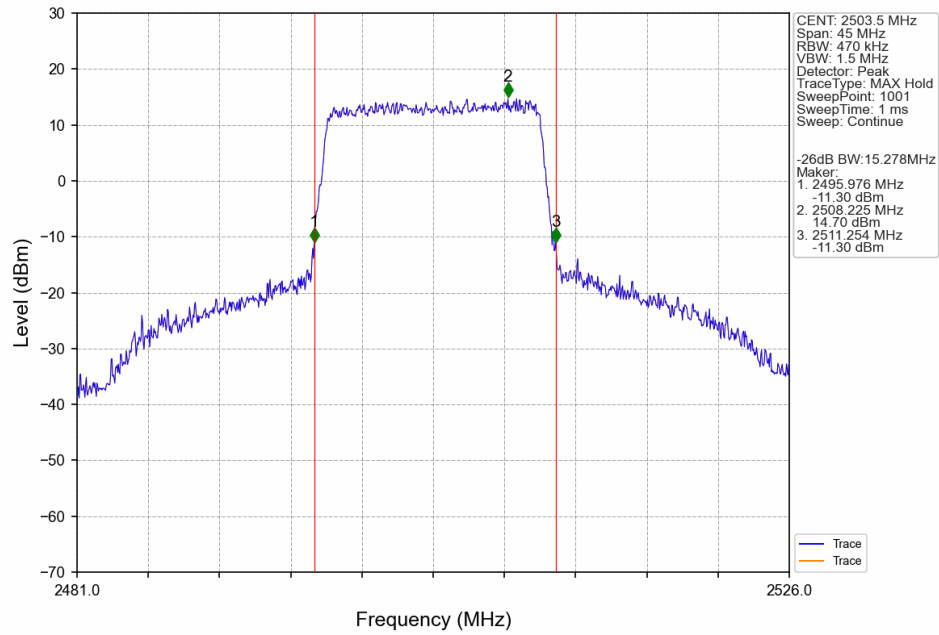
Band41\_10MHz\_64QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



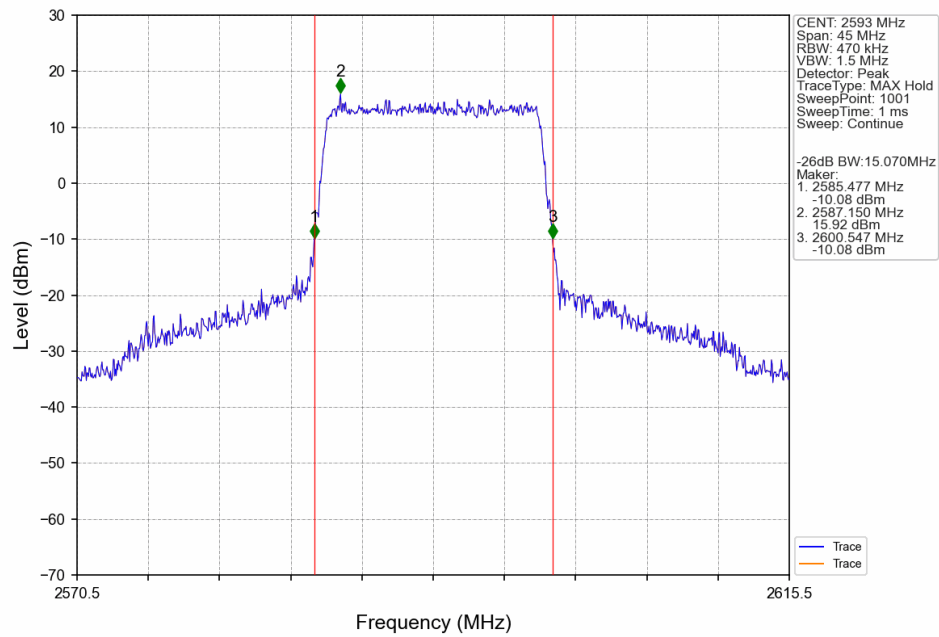
Band41\_10MHz\_64QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



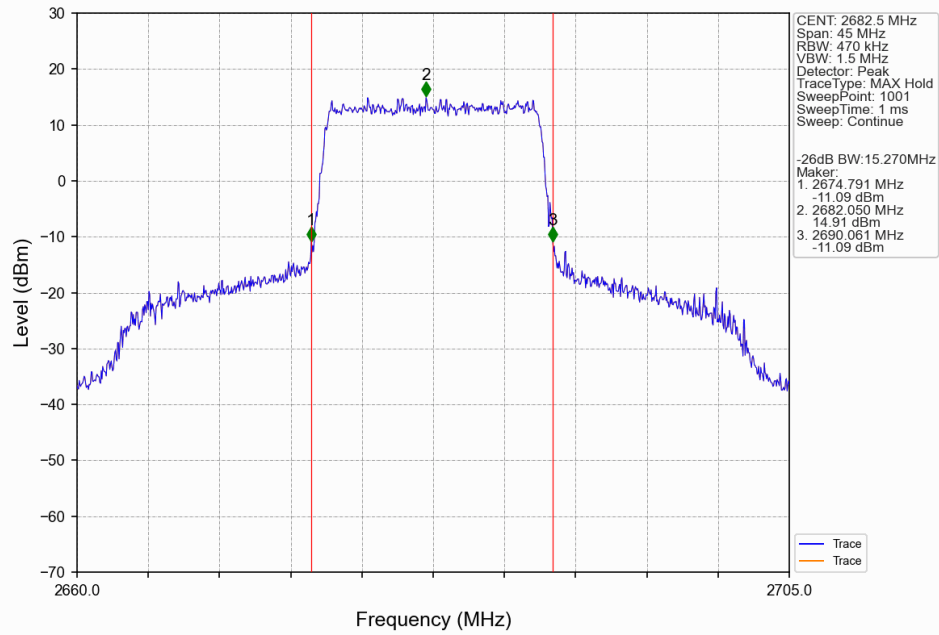
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



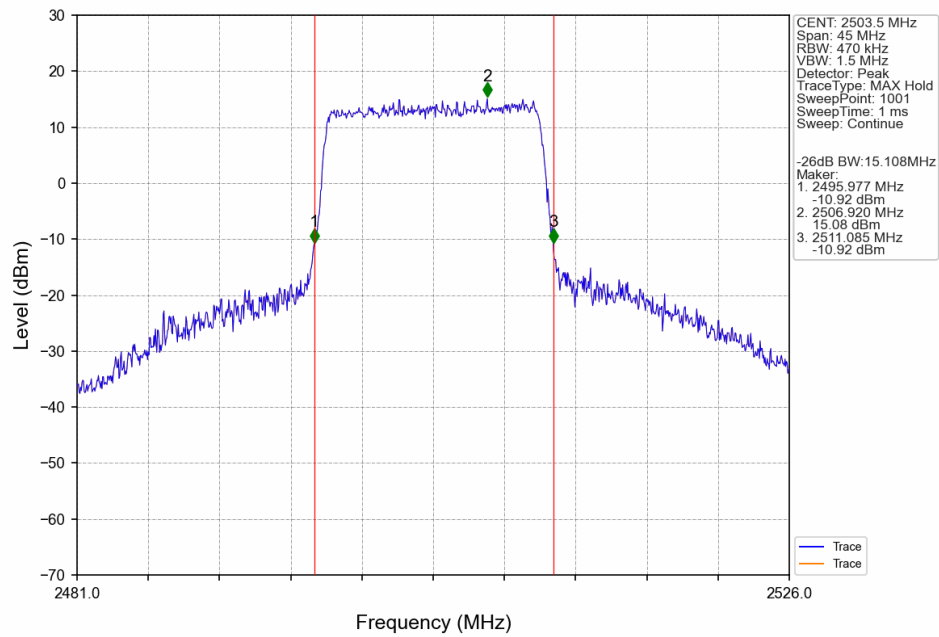
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



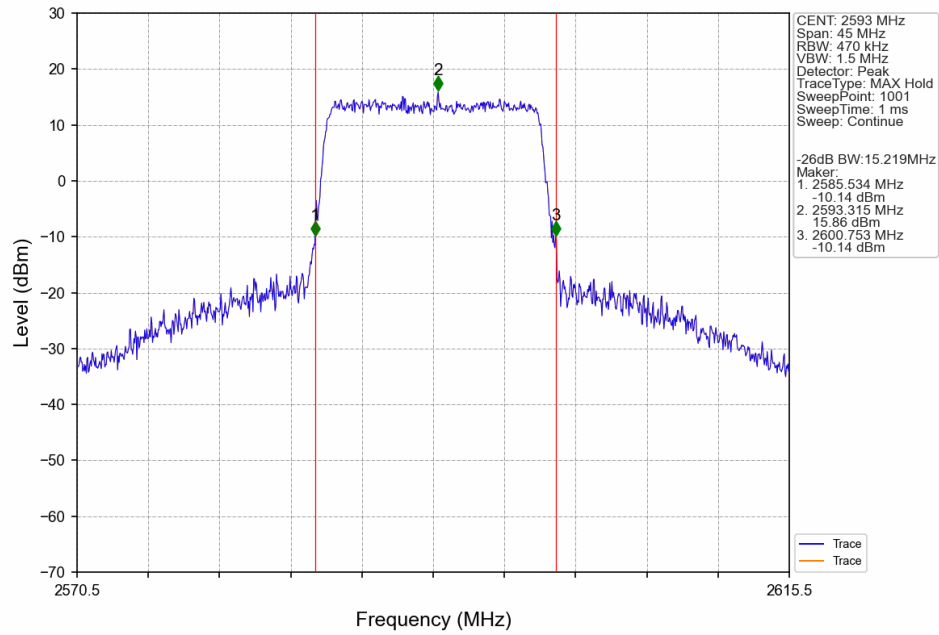
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



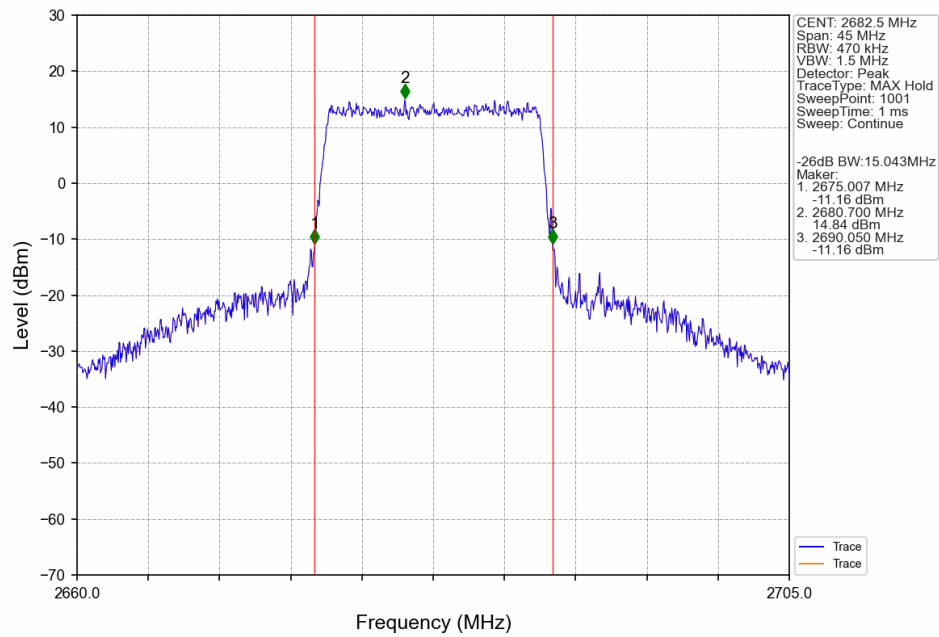
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



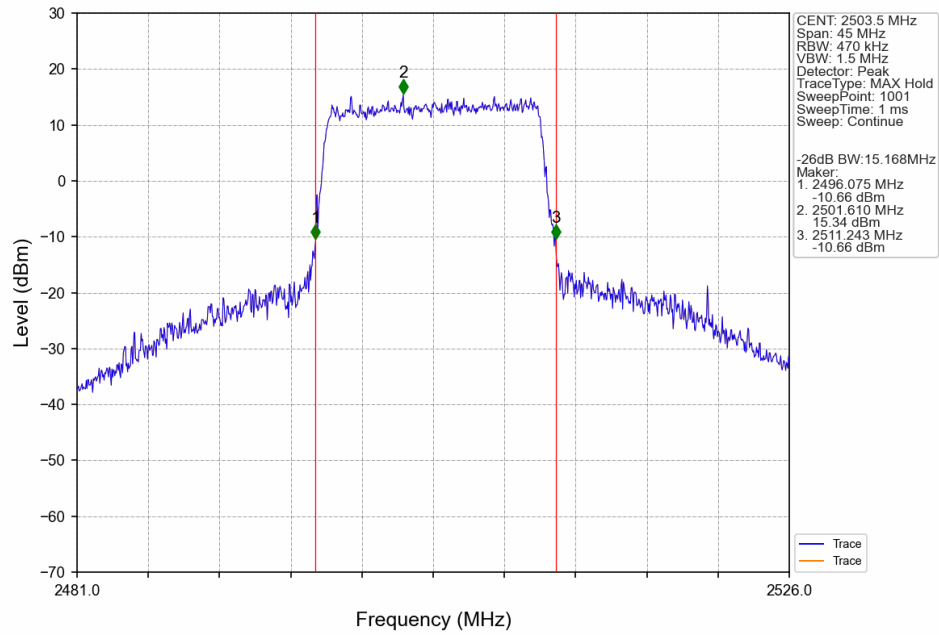
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



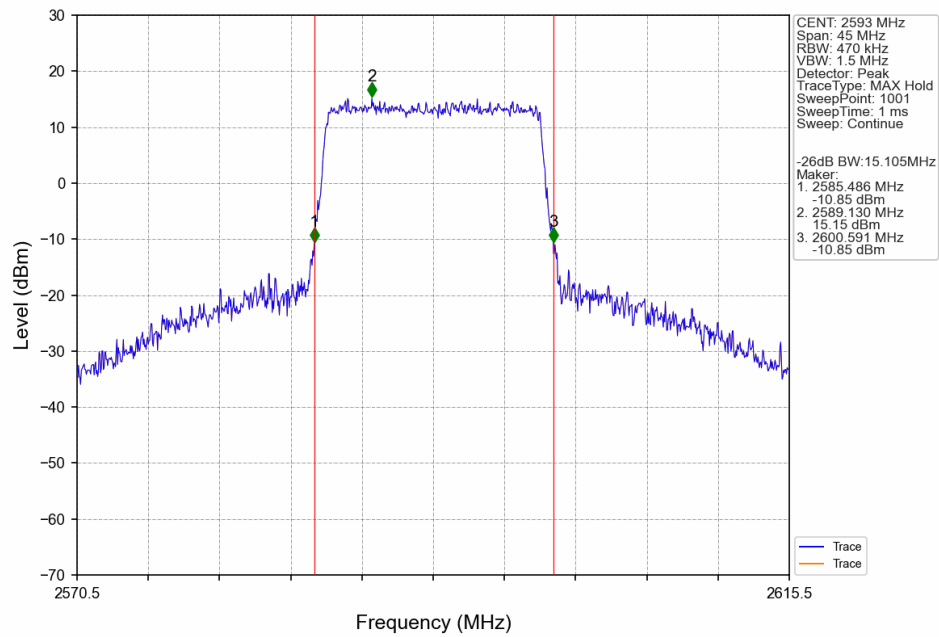
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



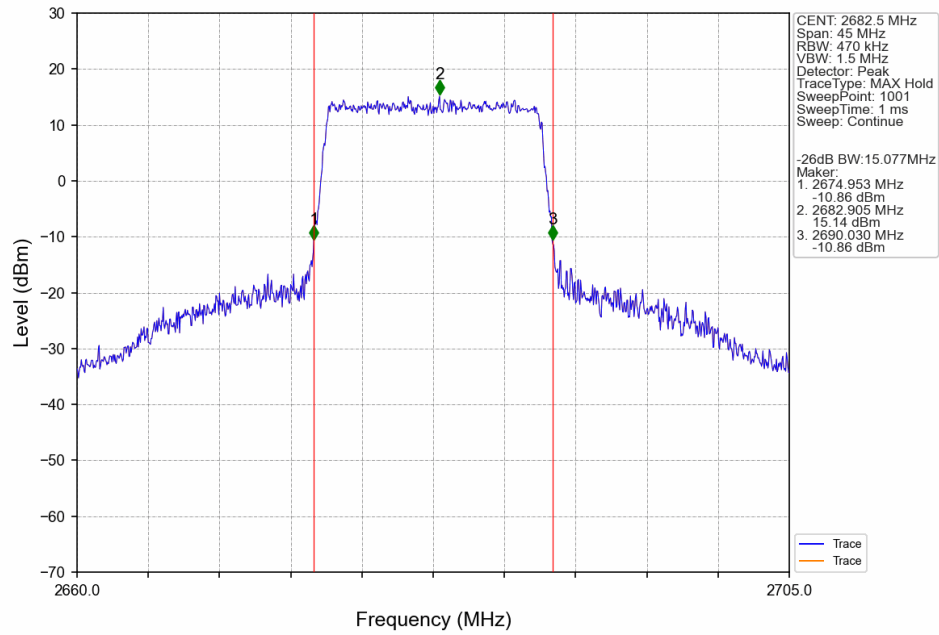
Band41\_15MHz\_64QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



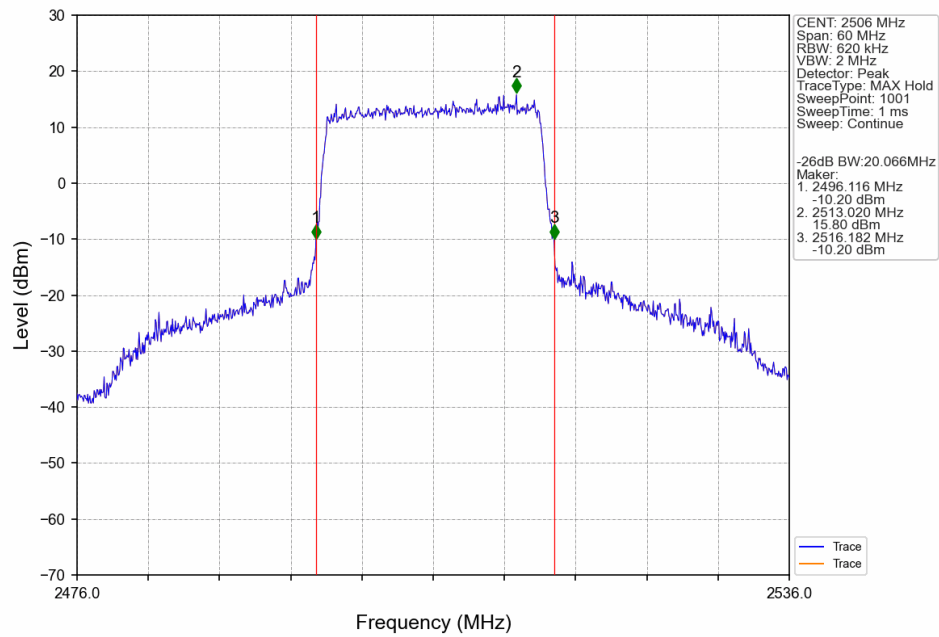
Band41\_15MHz\_64QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



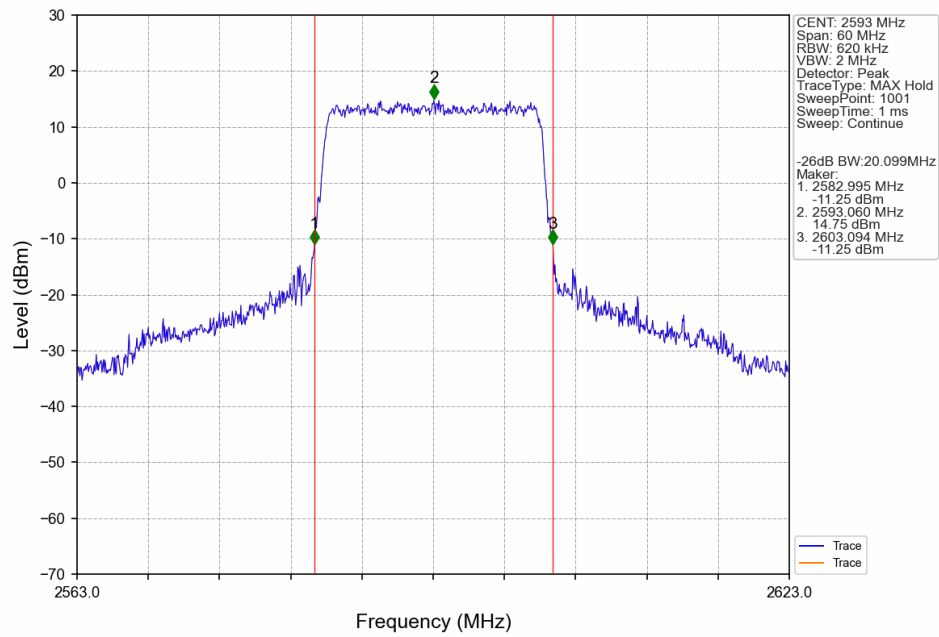
Band41\_15MHz\_64QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



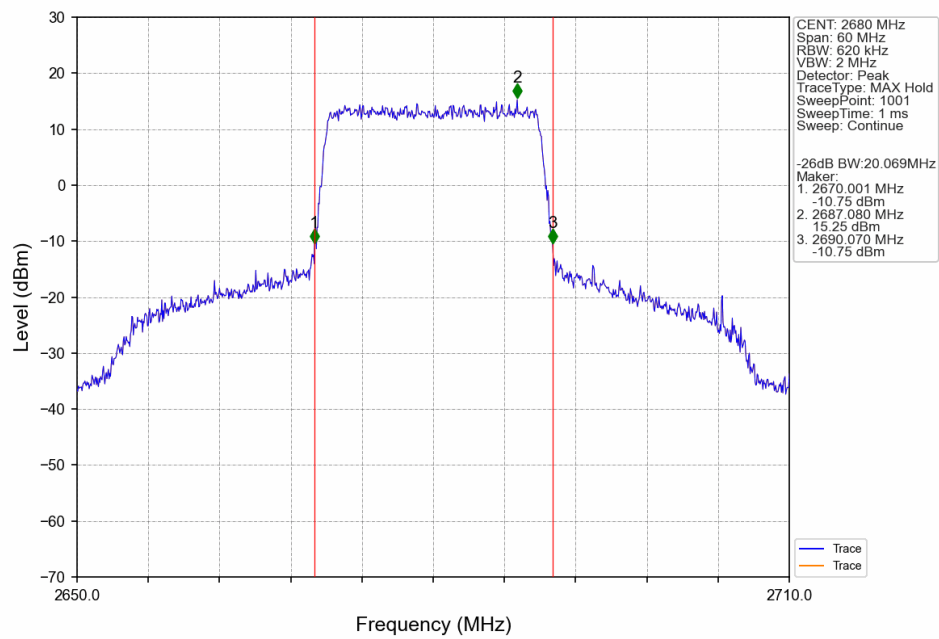
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



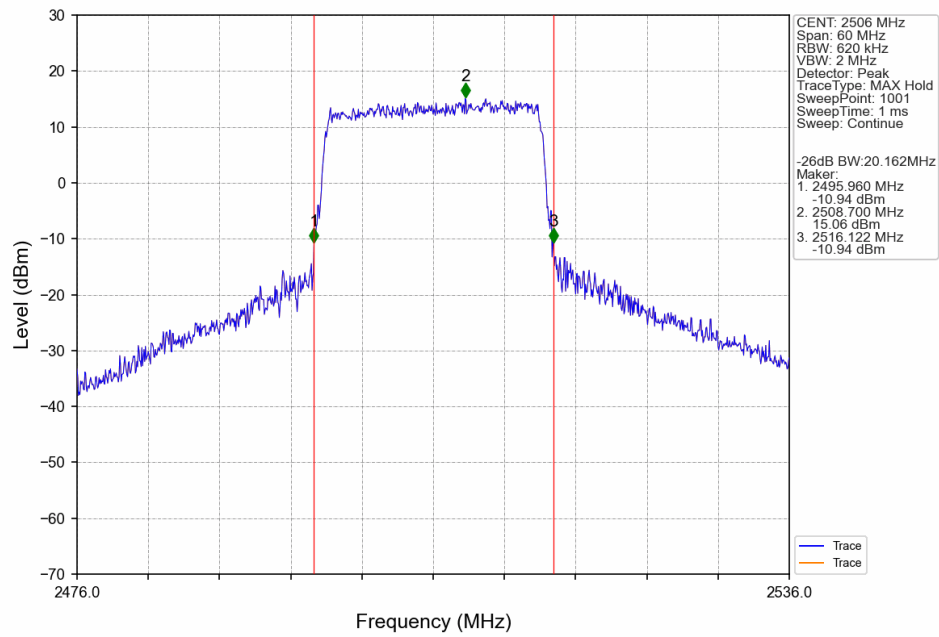
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



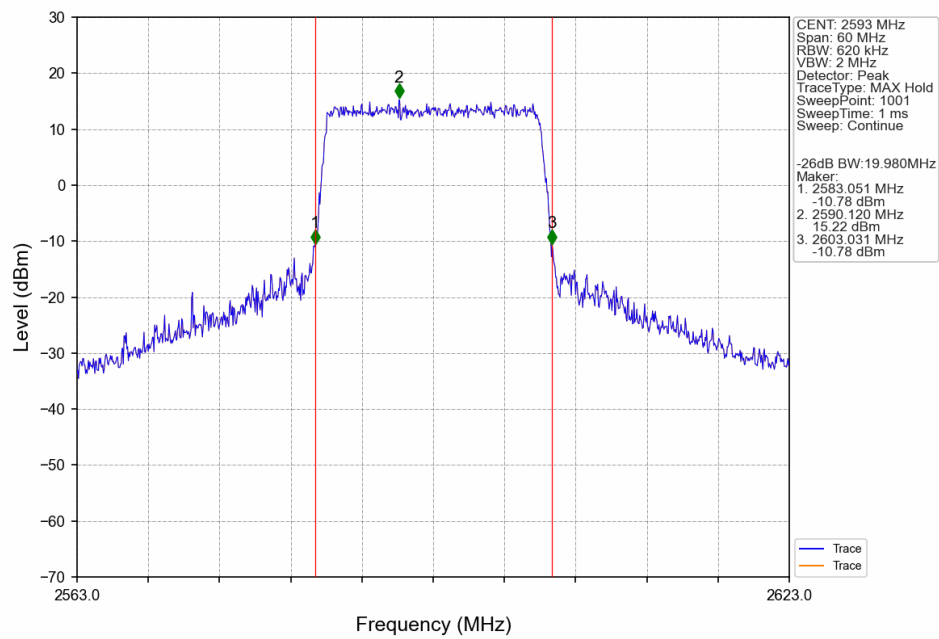
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



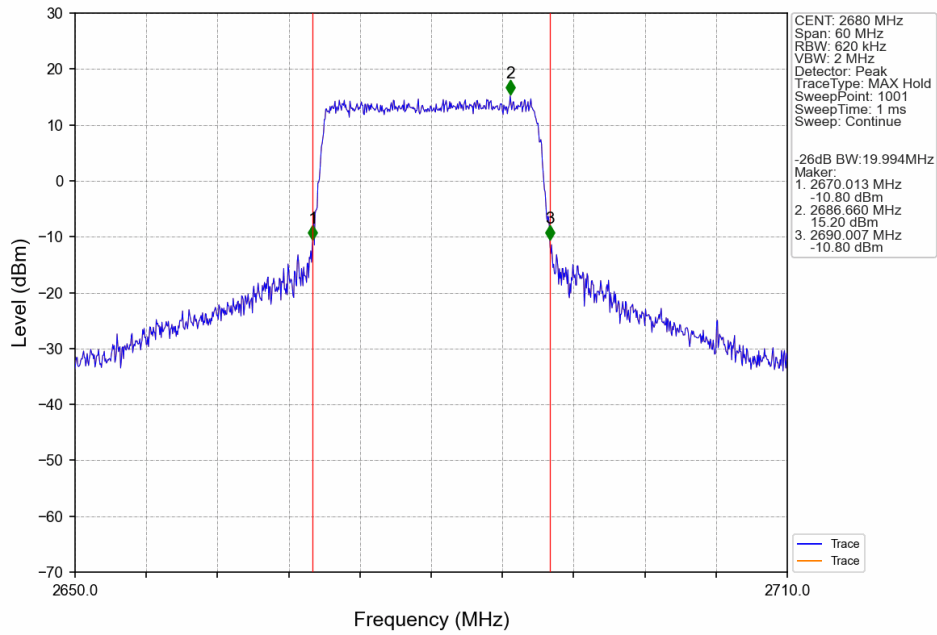
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



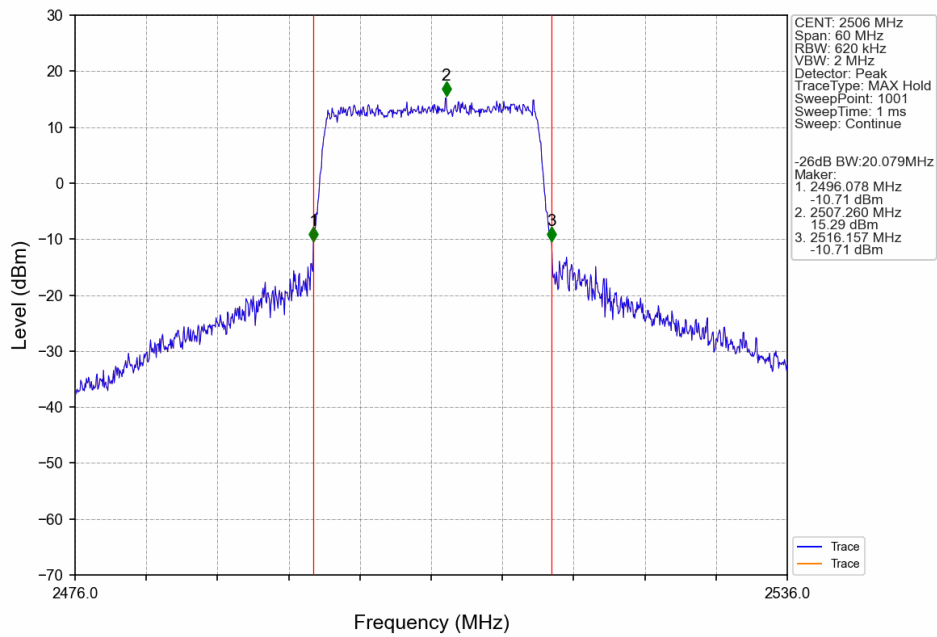
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTN



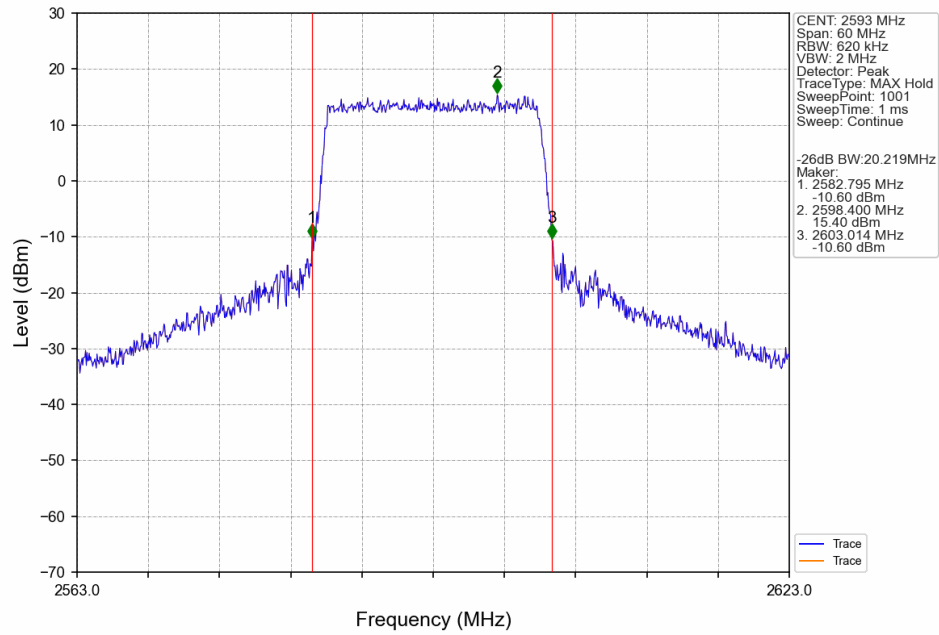
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



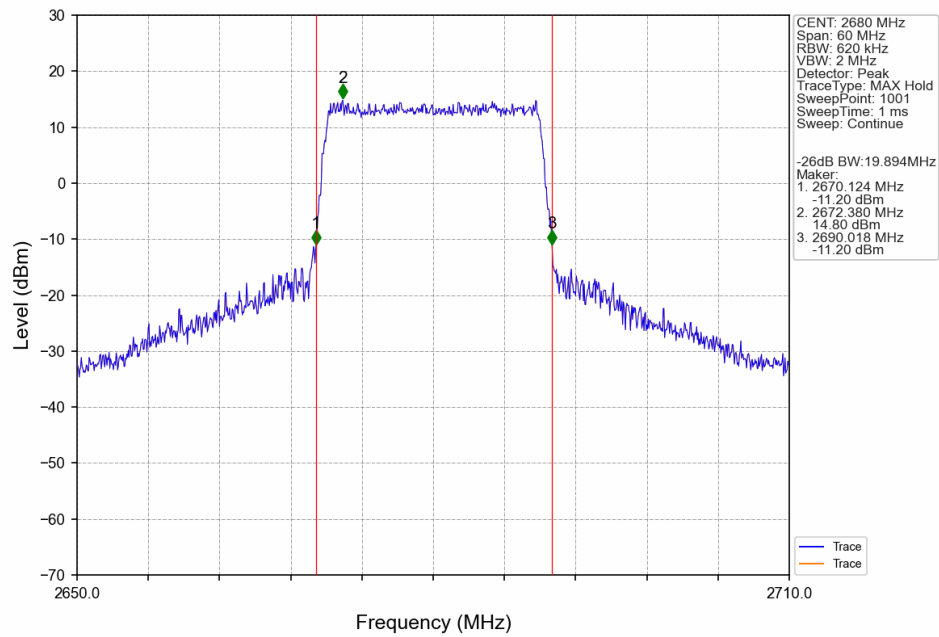
Band41\_20MHz\_64QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



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



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



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 B41\_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      | 7.34                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 7.39                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 7.05                    | <=13  | Pass    |
| 16QAM                             | 2498.5          | 25            | 0      | 8.07                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 8.17                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 7.57                    | <=13  | Pass    |
| 64QAM                             | 2498.5          | 25            | 0      | 8.03                    | <=13  | Pass    |
|                                   | 2593            | 25            | 0      | 8.13                    | <=13  | Pass    |
|                                   | 2687.5          | 25            | 0      | 7.52                    | <=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      | 7.00                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 7.36                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 6.94                    | <=13  | Pass    |
| 16QAM                              | 2501            | 50            | 0      | 7.86                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 8.07                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 7.61                    | <=13  | Pass    |
| 64QAM                              | 2501            | 50            | 0      | 8.03                    | <=13  | Pass    |
|                                    | 2593            | 50            | 0      | 8.17                    | <=13  | Pass    |
|                                    | 2685            | 50            | 0      | 7.74                    | <=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      | 6.59                    | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 7.29                    | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 6.49                    | <=13  | Pass    |
| 16QAM                              | 2503.5          | 75            | 0      | 7.74                    | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 8.21                    | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 7.65                    | <=13  | Pass    |
| 64QAM                              | 2503.5          | 75            | 0      | 7.68                    | <=13  | Pass    |
|                                    | 2593            | 75            | 0      | 7.99                    | <=13  | Pass    |
|                                    | 2682.5          | 75            | 0      | 6.94                    | <=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      | 6.65                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 7.23                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 6.85                    | <=13  | Pass    |
| 16QAM                              | 2506            | 100           | 0      | 8.04                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 7.95                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 8.02                    | <=13  | Pass    |
| 64QAM                              | 2506            | 100           | 0      | 8.39                    | <=13  | Pass    |
|                                    | 2593            | 100           | 0      | 7.89                    | <=13  | Pass    |
|                                    | 2680            | 100           | 0      | 7.98                    | <=13  | Pass    |