

| Band: 41 / Bandwidth: 5MHz / NTVN |                                          |               |        |                       |            |            |         |         |         |      |
|-----------------------------------|------------------------------------------|---------------|--------|-----------------------|------------|------------|---------|---------|---------|------|
| Modulation                        | Frequency (MHz)                          | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |         |      |
|                                   |                                          | Size          | Offset |                       |            | Result     | Limit   |         |         |      |
| QPSK                              | 2498.5                                   | 1             | 0      | 22.15                 | 2.30       | 24.45      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 22.18                 | 2.30       | 24.48      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 24     | 22.05                 | 2.30       | 24.35      | <=33.01 | Pass    |         |      |
|                                   |                                          | 12            | 0      | 21.09                 | 2.30       | 23.39      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 6      | 21.21                 | 2.30       | 23.51      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 21.13                 | 2.30       | 23.43      | <=33.01 | Pass    |         |      |
|                                   |                                          | 25            | 0      | 21.15                 | 2.30       | 23.45      | <=33.01 | Pass    |         |      |
|                                   |                                          | 2593          | 1      | 0                     | 22.14      | 2.30       | 24.44   | <=33.01 | Pass    |      |
|                                   |                                          |               |        | 13                    | 22.42      | 2.30       | 24.72   | <=33.01 | Pass    |      |
|                                   | 24                                       |               |        | 22.18                 | 2.30       | 24.48      | <=33.01 | Pass    |         |      |
|                                   | 12                                       |               | 0      | 21.27                 | 2.30       | 23.57      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 6      | 21.35                 | 2.30       | 23.65      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 21.30                 | 2.30       | 23.60      | <=33.01 | Pass    |         |      |
|                                   | 25                                       | 0             | 21.31  | 2.30                  | 23.61      | <=33.01    | Pass    |         |         |      |
|                                   | 2687.5                                   | 1             | 0      | 22.29                 | 2.30       | 24.59      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 22.32                 | 2.30       | 24.62      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 24     | 22.16                 | 2.30       | 24.46      | <=33.01 | Pass    |         |      |
|                                   |                                          | 12            | 0      | 21.37                 | 2.30       | 23.67      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 6      | 21.36                 | 2.30       | 23.66      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 21.29                 | 2.30       | 23.59      | <=33.01 | Pass    |         |      |
|                                   |                                          | 25            | 0      | 21.24                 | 2.30       | 23.54      | <=33.01 | Pass    |         |      |
|                                   |                                          | 16QAM         | 2498.5 | 1                     | 0          | 21.07      | 2.30    | 23.37   | <=33.01 | Pass |
|                                   |                                          |               |        |                       | 13         | 21.14      | 2.30    | 23.44   | <=33.01 | Pass |
|                                   | 24                                       |               |        |                       | 21.04      | 2.30       | 23.34   | <=33.01 | Pass    |      |
| 12                                | 0                                        |               |        | 20.07                 | 2.30       | 22.37      | <=33.01 | Pass    |         |      |
|                                   | 6                                        |               |        | 20.25                 | 2.30       | 22.55      | <=33.01 | Pass    |         |      |
|                                   | 13                                       |               |        | 20.05                 | 2.30       | 22.35      | <=33.01 | Pass    |         |      |
| 25                                | 0                                        |               |        | 20.19                 | 2.30       | 22.49      | <=33.01 | Pass    |         |      |
| 2593                              | 1                                        |               |        | 0                     | 21.21      | 2.30       | 23.51   | <=33.01 | Pass    |      |
|                                   |                                          |               |        | 13                    | 21.36      | 2.30       | 23.66   | <=33.01 | Pass    |      |
|                                   |                                          |               | 24     | 21.25                 | 2.30       | 23.55      | <=33.01 | Pass    |         |      |
|                                   | 12                                       |               | 0      | 20.25                 | 2.30       | 22.55      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 6      | 20.26                 | 2.30       | 22.56      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 20.25                 | 2.30       | 22.55      | <=33.01 | Pass    |         |      |
| 25                                | 0                                        |               | 20.28  | 2.30                  | 22.58      | <=33.01    | Pass    |         |         |      |
| 2687.5                            | 1                                        |               | 0      | 21.00                 | 2.30       | 23.30      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 21.37                 | 2.30       | 23.67      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 24     | 21.23                 | 2.30       | 23.53      | <=33.01 | Pass    |         |      |
|                                   | 12                                       |               | 0      | 20.35                 | 2.30       | 22.65      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 6      | 20.25                 | 2.30       | 22.55      | <=33.01 | Pass    |         |      |
|                                   |                                          |               | 13     | 20.18                 | 2.30       | 22.48      | <=33.01 | Pass    |         |      |
|                                   | 25                                       |               | 0      | 20.25                 | 2.30       | 22.55      | <=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      | 22.14                 | 2.30       | 24.44      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 25     | 22.27                 | 2.30       | 24.57      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 49     | 21.96                 | 2.30       | 24.26      | <=33.01 | Pass    |         |      |
|                                          |                 | 25            | 0      | 21.17                 | 2.30       | 23.47      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 13     | 21.15                 | 2.30       | 23.45      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 25     | 21.11                 | 2.30       | 23.41      | <=33.01 | Pass    |         |      |
|                                          |                 | 50            | 0      | 21.13                 | 2.30       | 23.43      | <=33.01 | Pass    |         |      |
|                                          |                 | 2593          | 1      | 0                     | 22.24      | 2.30       | 24.54   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 25                    | 22.38      | 2.30       | 24.68   | <=33.01 | Pass    |      |
|                                          | 49              |               |        | 22.29                 | 2.30       | 24.59      | <=33.01 | Pass    |         |      |
|                                          | 25              |               | 0      | 21.32                 | 2.30       | 23.62      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 13     | 21.27                 | 2.30       | 23.57      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 25     | 21.31                 | 2.30       | 23.61      | <=33.01 | Pass    |         |      |
|                                          | 50              |               | 0      | 21.32                 | 2.30       | 23.62      | <=33.01 | Pass    |         |      |
|                                          | 2685            |               | 1      | 0                     | 22.32      | 2.30       | 24.62   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 25                    | 22.55      | 2.30       | 24.85   | <=33.01 | Pass    |      |
|                                          |                 | 49            |        | 22.27                 | 2.30       | 24.57      | <=33.01 | Pass    |         |      |
|                                          |                 | 25            | 0      | 21.39                 | 2.30       | 23.69      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 13     | 21.40                 | 2.30       | 23.70      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 25     | 21.29                 | 2.30       | 23.59      | <=33.01 | Pass    |         |      |
|                                          |                 | 50            | 0      | 21.28                 | 2.30       | 23.58      | <=33.01 | Pass    |         |      |
|                                          |                 | 16QAM         | 2501   | 1                     | 0          | 21.23      | 2.30    | 23.53   | <=33.01 | Pass |
|                                          |                 |               |        |                       | 25         | 21.05      | 2.30    | 23.35   | <=33.01 | Pass |
|                                          | 49              |               |        |                       | 20.81      | 2.30       | 23.11   | <=33.01 | Pass    |      |
| 25                                       | 0               |               |        | 20.14                 | 2.30       | 22.44      | <=33.01 | Pass    |         |      |
|                                          | 13              |               |        | 20.12                 | 2.30       | 22.42      | <=33.01 | Pass    |         |      |
|                                          | 25              |               |        | 20.20                 | 2.30       | 22.50      | <=33.01 | Pass    |         |      |
| 50                                       | 0               |               |        | 20.11                 | 2.30       | 22.41      | <=33.01 | Pass    |         |      |
| 2593                                     | 1               |               |        | 0                     | 21.26      | 2.30       | 23.56   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 25                    | 21.66      | 2.30       | 23.96   | <=33.01 | Pass    |      |
|                                          |                 |               | 49     | 21.23                 | 2.30       | 23.53      | <=33.01 | Pass    |         |      |
|                                          | 25              |               | 0      | 20.29                 | 2.30       | 22.59      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 13     | 20.35                 | 2.30       | 22.65      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 25     | 20.33                 | 2.30       | 22.63      | <=33.01 | Pass    |         |      |
|                                          | 50              |               | 0      | 20.27                 | 2.30       | 22.57      | <=33.01 | Pass    |         |      |
|                                          | 2685            |               | 1      | 0                     | 21.16      | 2.30       | 23.46   | <=33.01 | Pass    |      |
|                                          |                 |               |        | 25                    | 21.38      | 2.30       | 23.68   | <=33.01 | Pass    |      |
| 49                                       |                 |               |        | 21.05                 | 2.30       | 23.35      | <=33.01 | Pass    |         |      |
| 25                                       |                 |               | 0      | 20.32                 | 2.30       | 22.62      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 13     | 20.34                 | 2.30       | 22.64      | <=33.01 | Pass    |         |      |
|                                          |                 |               | 25     | 20.31                 | 2.30       | 22.61      | <=33.01 | Pass    |         |      |
| 50                                       |                 |               | 0      | 20.34                 | 2.30       | 22.64      | <=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      | 22.08                 | 2.30       | 24.38      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 38     | 22.06                 | 2.30       | 24.36      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 74     | 21.86                 | 2.30       | 24.16      | <=33.01 | Pass    |         |      |
|                                    |                                          | 36            | 0      | 21.09                 | 2.30       | 23.39      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 18     | 21.09                 | 2.30       | 23.39      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 39     | 21.03                 | 2.30       | 23.33      | <=33.01 | Pass    |         |      |
|                                    |                                          | 75            | 0      | 21.08                 | 2.30       | 23.38      | <=33.01 | Pass    |         |      |
|                                    |                                          | 2593          | 1      | 0                     | 22.34      | 2.30       | 24.64   | <=33.01 | Pass    |      |
|                                    |                                          |               |        | 38                    | 22.28      | 2.30       | 24.58   | <=33.01 | Pass    |      |
|                                    | 74                                       |               |        | 22.23                 | 2.30       | 24.53      | <=33.01 | Pass    |         |      |
|                                    | 36                                       |               | 0      | 21.32                 | 2.30       | 23.62      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 18     | 21.28                 | 2.30       | 23.58      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 39     | 21.33                 | 2.30       | 23.63      | <=33.01 | Pass    |         |      |
|                                    | 75                                       | 0             | 21.33  | 2.30                  | 23.63      | <=33.01    | Pass    |         |         |      |
|                                    | 2682.5                                   | 1             | 0      | 22.16                 | 2.30       | 24.46      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 38     | 22.36                 | 2.30       | 24.66      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 74     | 22.24                 | 2.30       | 24.54      | <=33.01 | Pass    |         |      |
|                                    |                                          | 36            | 0      | 21.38                 | 2.30       | 23.68      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 18     | 21.37                 | 2.30       | 23.67      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 39     | 21.32                 | 2.30       | 23.62      | <=33.01 | Pass    |         |      |
|                                    |                                          | 75            | 0      | 21.28                 | 2.30       | 23.58      | <=33.01 | Pass    |         |      |
|                                    |                                          | 16QAM         | 2503.5 | 1                     | 0          | 20.98      | 2.30    | 23.28   | <=33.01 | Pass |
|                                    |                                          |               |        |                       | 38         | 20.98      | 2.30    | 23.28   | <=33.01 | Pass |
|                                    | 74                                       |               |        |                       | 20.76      | 2.30       | 23.06   | <=33.01 | Pass    |      |
| 36                                 | 0                                        |               |        | 20.06                 | 2.30       | 22.36      | <=33.01 | Pass    |         |      |
|                                    | 18                                       |               |        | 20.07                 | 2.30       | 22.37      | <=33.01 | Pass    |         |      |
|                                    | 39                                       |               |        | 20.01                 | 2.30       | 22.31      | <=33.01 | Pass    |         |      |
| 75                                 | 0                                        |               |        | 20.05                 | 2.30       | 22.35      | <=33.01 | Pass    |         |      |
| 2593                               | 1                                        |               |        | 0                     | 21.02      | 2.30       | 23.32   | <=33.01 | Pass    |      |
|                                    |                                          |               |        | 38                    | 21.37      | 2.30       | 23.67   | <=33.01 | Pass    |      |
|                                    |                                          |               | 74     | 21.31                 | 2.30       | 23.61      | <=33.01 | Pass    |         |      |
|                                    | 36                                       |               | 0      | 20.27                 | 2.30       | 22.57      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 18     | 20.27                 | 2.30       | 22.57      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 39     | 20.30                 | 2.30       | 22.60      | <=33.01 | Pass    |         |      |
| 75                                 | 0                                        |               | 20.33  | 2.30                  | 22.63      | <=33.01    | Pass    |         |         |      |
| 2682.5                             | 1                                        |               | 0      | 21.06                 | 2.30       | 23.36      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 38     | 21.42                 | 2.30       | 23.72      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 74     | 21.21                 | 2.30       | 23.51      | <=33.01 | Pass    |         |      |
|                                    | 36                                       |               | 0      | 20.29                 | 2.30       | 22.59      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 18     | 20.32                 | 2.30       | 22.62      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 39     | 20.21                 | 2.30       | 22.51      | <=33.01 | Pass    |         |      |
|                                    | 75                                       |               | 0      | 20.35                 | 2.30       | 22.65      | <=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      | 22.00                 | 2.30       | 24.30      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 22.04                 | 2.30       | 24.34      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 99     | 21.78                 | 2.30       | 24.08      | <=33.01 | Pass    |         |      |
|                                    |                                          | 50            | 0      | 20.98                 | 2.30       | 23.28      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 25     | 21.02                 | 2.30       | 23.32      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 21.03                 | 2.30       | 23.33      | <=33.01 | Pass    |         |      |
|                                    |                                          | 100           | 0      | 21.01                 | 2.30       | 23.31      | <=33.01 | Pass    |         |      |
|                                    |                                          | 2593          | 1      | 0                     | 22.08      | 2.30       | 24.38   | <=33.01 | Pass    |      |
|                                    |                                          |               |        | 50                    | 22.28      | 2.30       | 24.58   | <=33.01 | Pass    |      |
|                                    | 99                                       |               |        | 22.18                 | 2.30       | 24.48      | <=33.01 | Pass    |         |      |
|                                    | 50                                       |               | 0      | 21.27                 | 2.30       | 23.57      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 25     | 21.28                 | 2.30       | 23.58      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 21.30                 | 2.30       | 23.60      | <=33.01 | Pass    |         |      |
|                                    | 100                                      | 0             | 21.26  | 2.30                  | 23.56      | <=33.01    | Pass    |         |         |      |
|                                    | 2680                                     | 1             | 0      | 21.98                 | 2.30       | 24.28      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 22.37                 | 2.30       | 24.67      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 99     | 22.09                 | 2.30       | 24.39      | <=33.01 | Pass    |         |      |
|                                    |                                          | 50            | 0      | 21.25                 | 2.30       | 23.55      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 25     | 21.26                 | 2.30       | 23.56      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 21.23                 | 2.30       | 23.53      | <=33.01 | Pass    |         |      |
|                                    |                                          | 100           | 0      | 21.27                 | 2.30       | 23.57      | <=33.01 | Pass    |         |      |
|                                    |                                          | 16QAM         | 2506   | 1                     | 0          | 20.88      | 2.30    | 23.18   | <=33.01 | Pass |
|                                    |                                          |               |        |                       | 50         | 21.10      | 2.30    | 23.40   | <=33.01 | Pass |
|                                    | 99                                       |               |        |                       | 20.83      | 2.30       | 23.13   | <=33.01 | Pass    |      |
| 50                                 | 0                                        |               |        | 20.01                 | 2.30       | 22.31      | <=33.01 | Pass    |         |      |
|                                    | 25                                       |               |        | 20.02                 | 2.30       | 22.32      | <=33.01 | Pass    |         |      |
|                                    | 50                                       |               |        | 20.06                 | 2.30       | 22.36      | <=33.01 | Pass    |         |      |
| 100                                | 0                                        |               |        | 20.04                 | 2.30       | 22.34      | <=33.01 | Pass    |         |      |
| 2593                               | 1                                        |               |        | 0                     | 21.14      | 2.30       | 23.44   | <=33.01 | Pass    |      |
|                                    |                                          |               |        | 50                    | 21.47      | 2.30       | 23.77   | <=33.01 | Pass    |      |
|                                    |                                          |               | 99     | 21.20                 | 2.30       | 23.50      | <=33.01 | Pass    |         |      |
|                                    | 50                                       |               | 0      | 20.27                 | 2.30       | 22.57      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 25     | 20.26                 | 2.30       | 22.56      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 20.28                 | 2.30       | 22.58      | <=33.01 | Pass    |         |      |
| 100                                | 0                                        |               | 20.30  | 2.30                  | 22.60      | <=33.01    | Pass    |         |         |      |
| 2680                               | 1                                        |               | 0      | 21.13                 | 2.30       | 23.43      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 21.22                 | 2.30       | 23.52      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 99     | 20.74                 | 2.30       | 23.04      | <=33.01 | Pass    |         |      |
|                                    | 50                                       |               | 0      | 20.27                 | 2.30       | 22.57      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 25     | 20.42                 | 2.30       | 22.72      | <=33.01 | Pass    |         |      |
|                                    |                                          |               | 50     | 20.14                 | 2.30       | 22.44      | <=33.01 | Pass    |         |      |
|                                    | 100                                      |               | 0      | 20.32                 | 2.30       | 22.62      | <=33.01 | Pass    |         |      |
|                                    | Note1: EIRP=Conducted Power+Antenna Gain |               |        |                       |            |            |         |         |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B41\_10MHz

| Band: 41 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 2593            | 50            | 0      | 20         | 3.40          | -9.871           | -0.0038               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.70          | -19.255          | -0.0074               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.20          | -12.860          | -0.0050               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.70          | -15.249          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.70          | 5.336            | 0.0021                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.70          | 1.445            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.70          | -1.860           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.70          | -0.672           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.70          | -14.949          | -0.0058               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.70          | -10.400          | -0.0040               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.70          | 2.103            | 0.0008                | -2.5 to 2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band41\_OBW

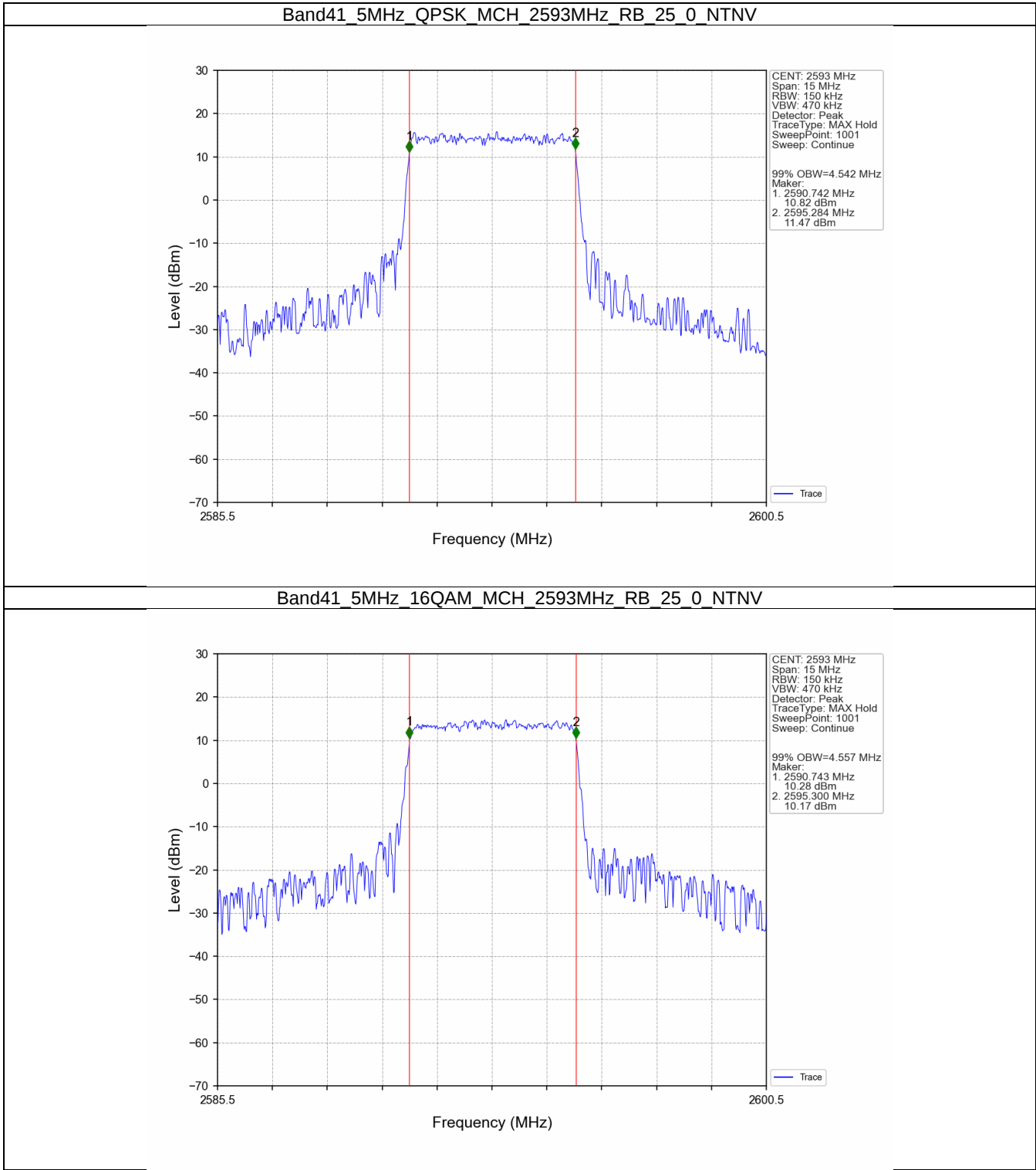
| Band: 41 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2593            | 25            | 0      | 4.542                        | /     | Pass    |
|                 | 16QAM      | 2593            | 25            | 0      | 4.557                        | /     | Pass    |
| 10              | QPSK       | 2593            | 50            | 0      | 9.078                        | /     | Pass    |
|                 | 16QAM      | 2593            | 50            | 0      | 9.041                        | /     | Pass    |
| 15              | QPSK       | 2593            | 75            | 0      | 13.607                       | /     | Pass    |
|                 | 16QAM      | 2593            | 75            | 0      | 13.545                       | /     | Pass    |
| 20              | QPSK       | 2593            | 100           | 0      | 18.128                       | /     | Pass    |
|                 | 16QAM      | 2593            | 100           | 0      | 18.051                       | /     | Pass    |

##### 3.1.2 Band41\_XDB

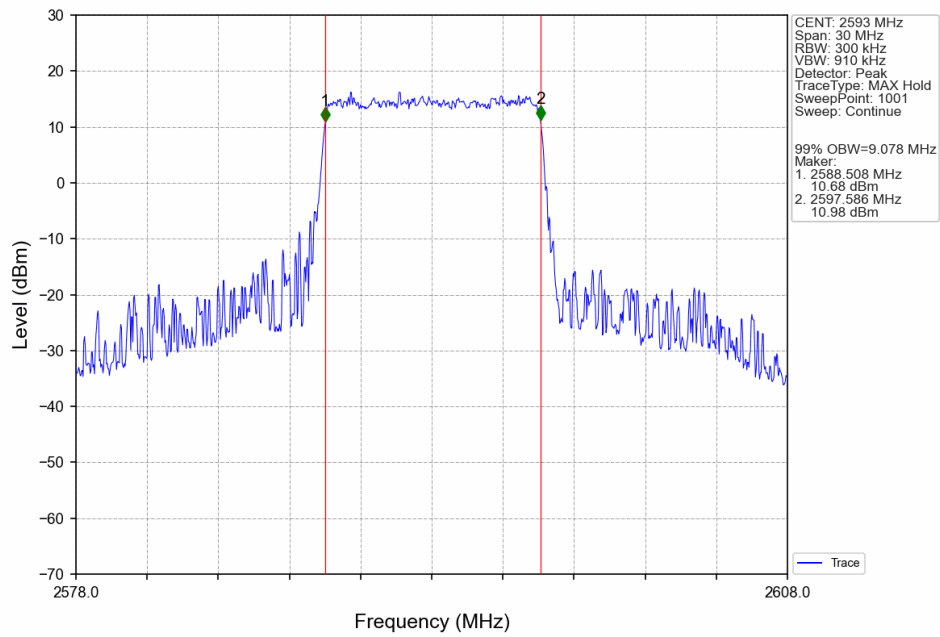
| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2593            | 25            | 0      | 5.134                | /     | Pass    |
|                 | 16QAM      | 2593            | 25            | 0      | 5.137                | /     | Pass    |
| 10              | QPSK       | 2593            | 50            | 0      | 10.596               | /     | Pass    |
|                 | 16QAM      | 2593            | 50            | 0      | 10.040               | /     | Pass    |
| 15              | QPSK       | 2593            | 75            | 0      | 15.133               | /     | Pass    |
|                 | 16QAM      | 2593            | 75            | 0      | 15.238               | /     | Pass    |
| 20              | QPSK       | 2593            | 100           | 0      | 19.543               | /     | Pass    |
|                 | 16QAM      | 2593            | 100           | 0      | 19.957               | /     | Pass    |

### 3.2 Test Graph

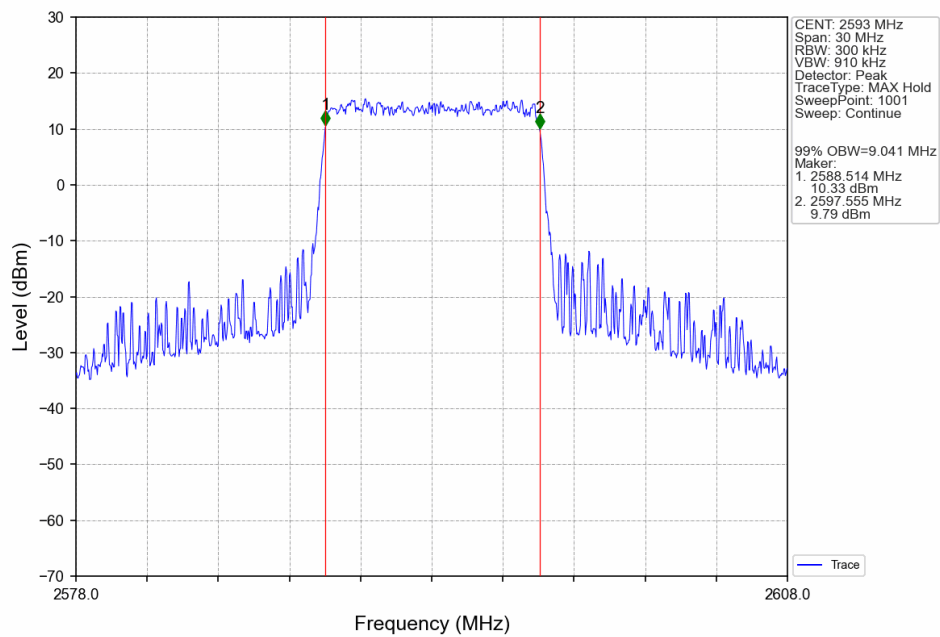
#### 3.2.1 Band41\_OBW



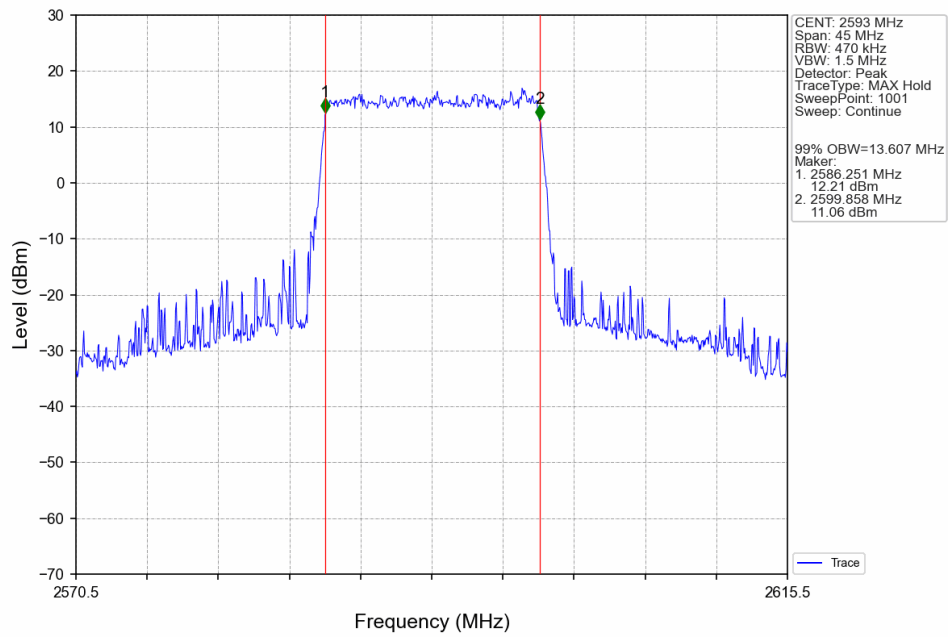
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



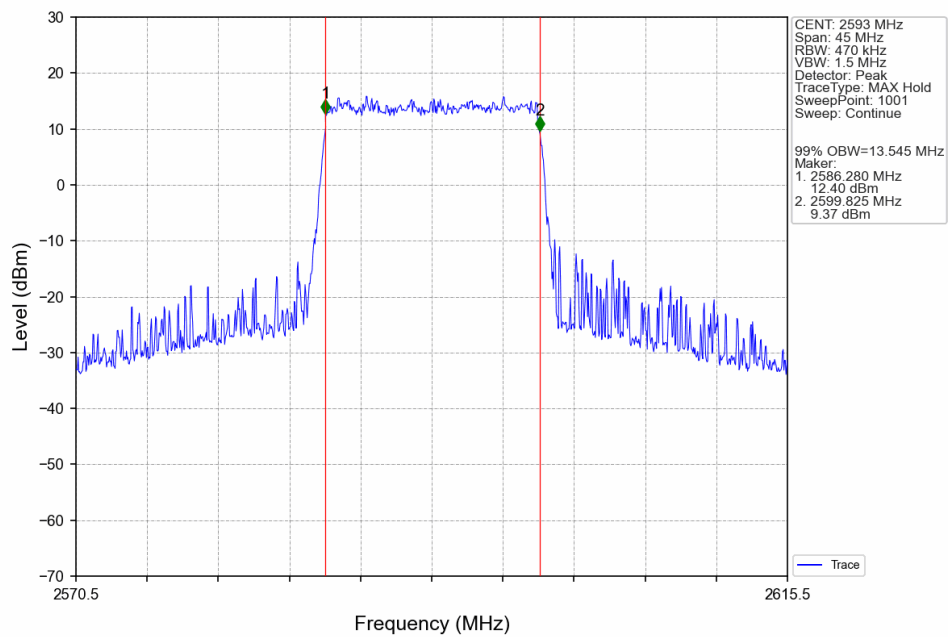
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



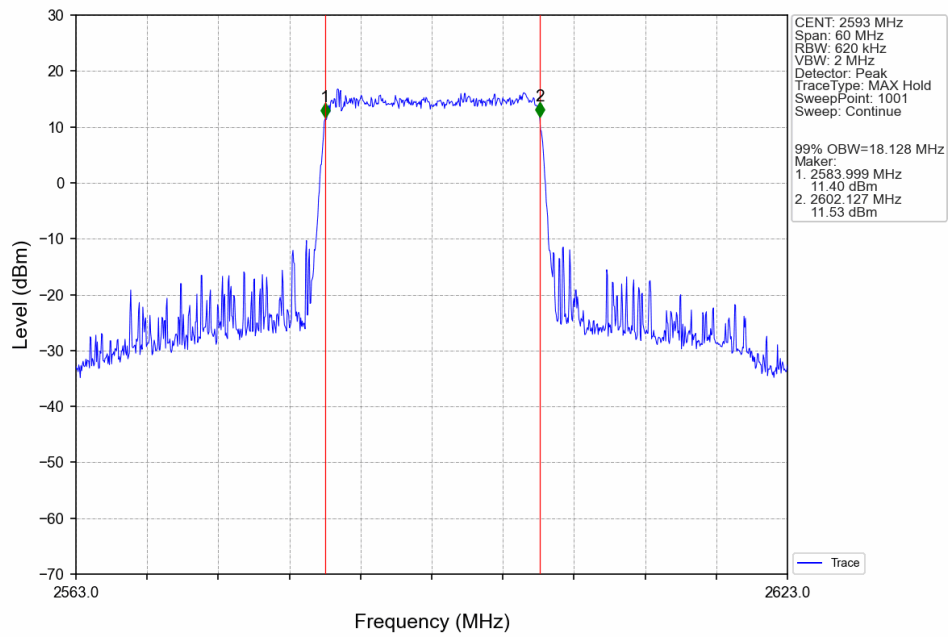
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



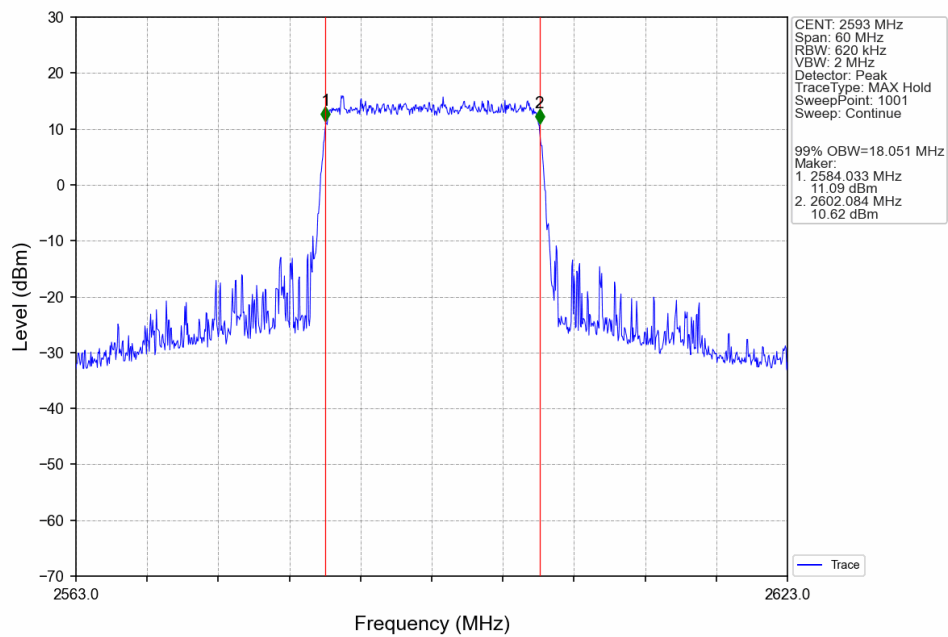
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



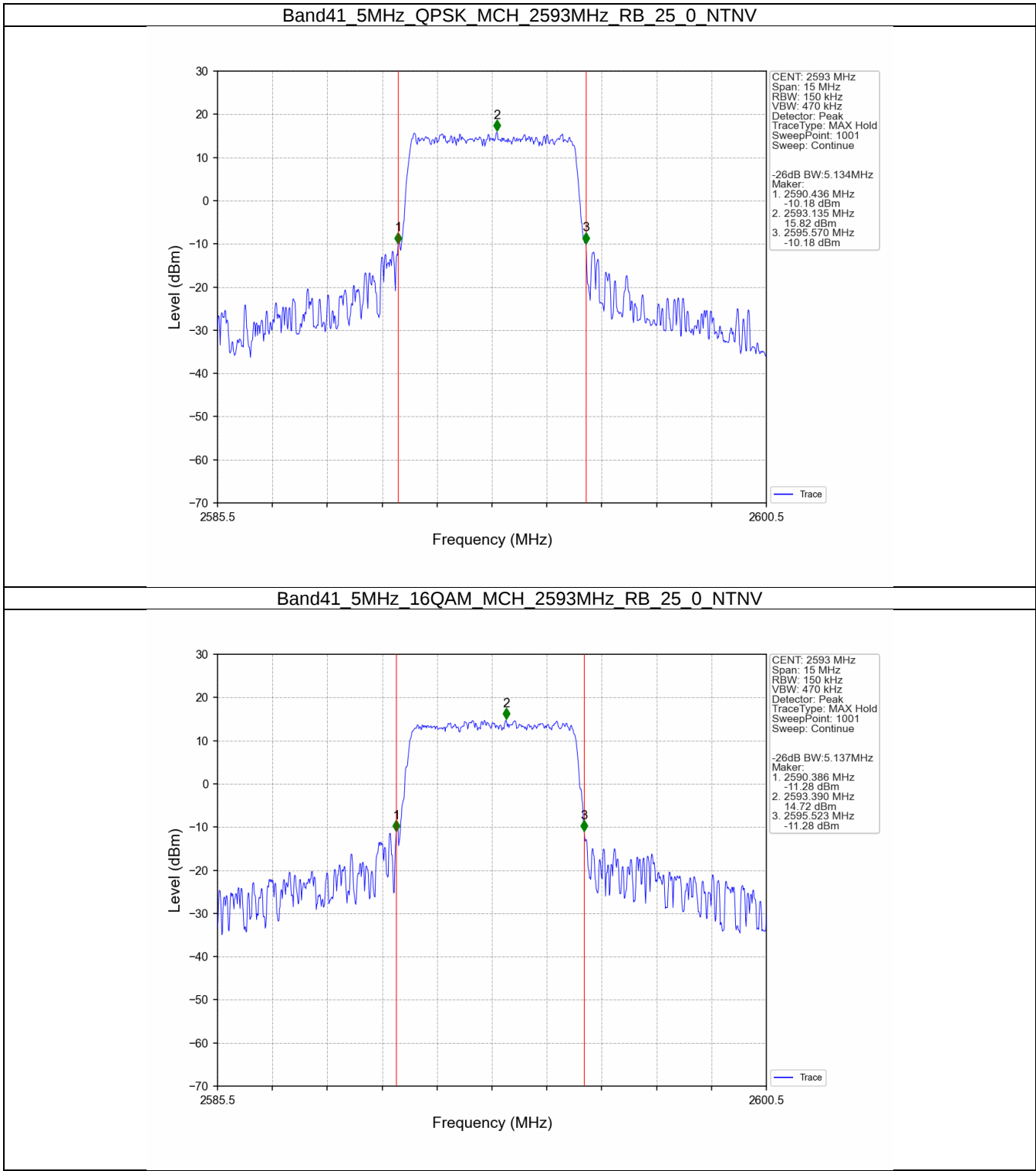
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



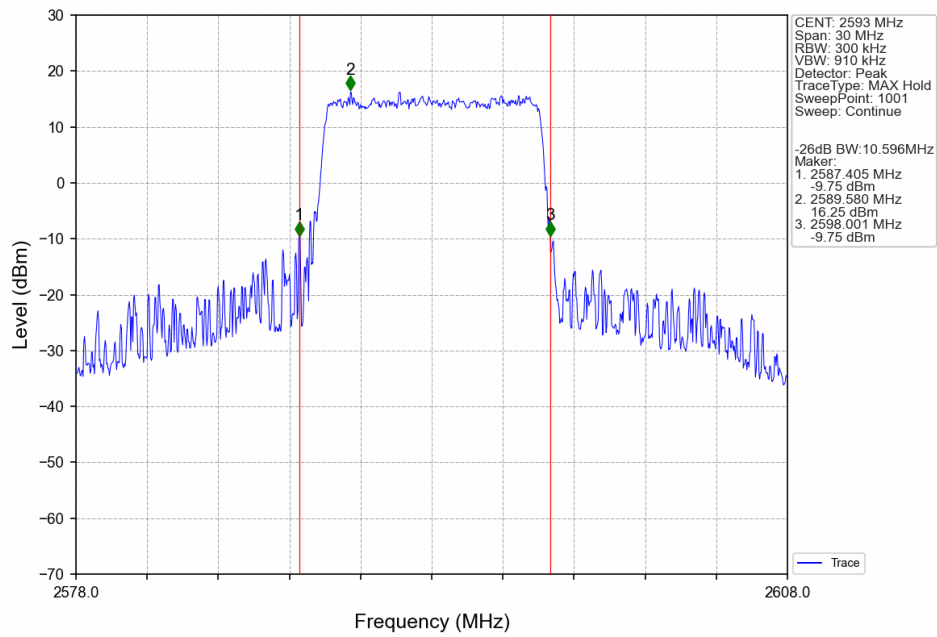
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



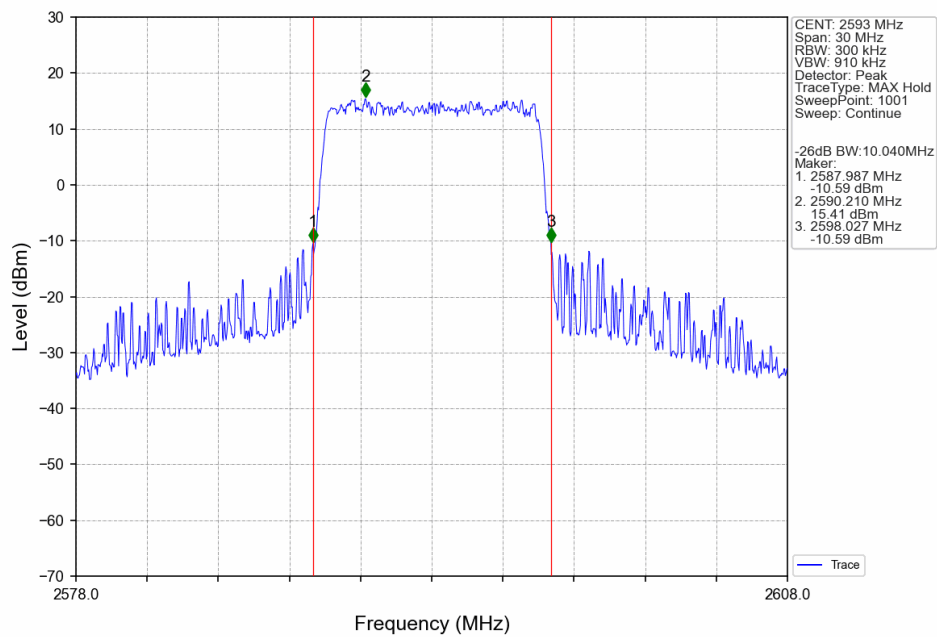
3.2.2 Band41\_XDB



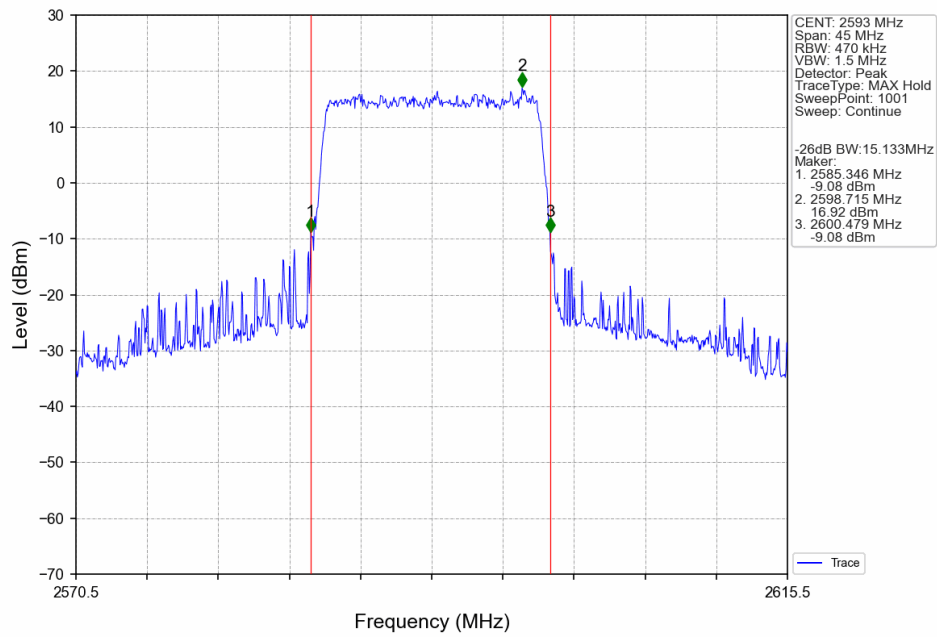
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



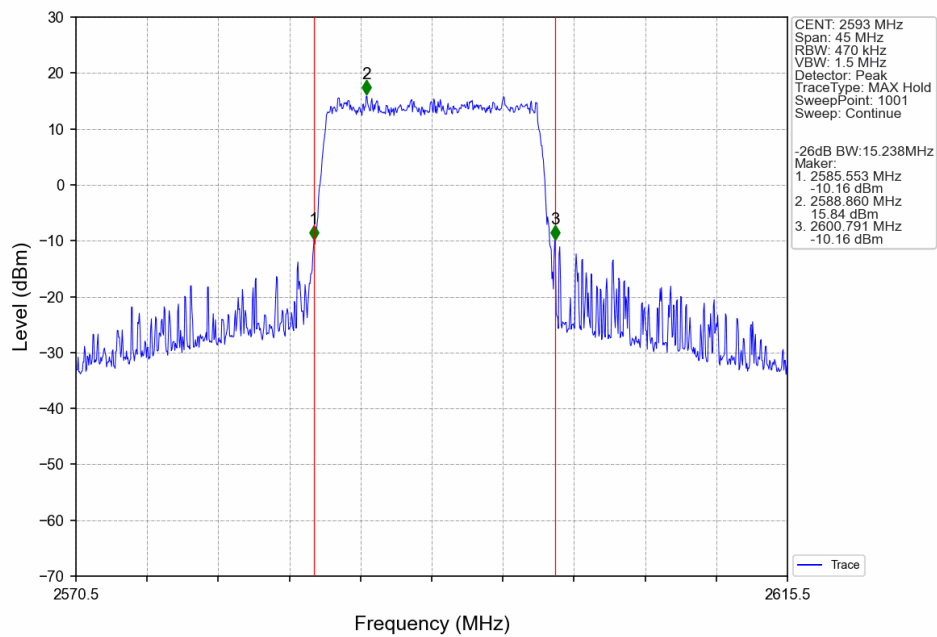
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



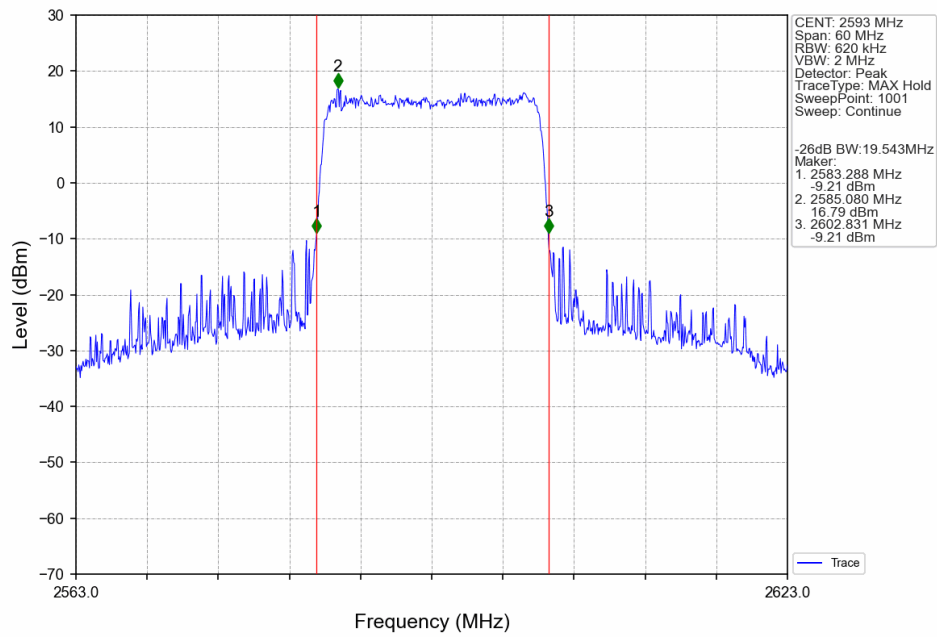
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



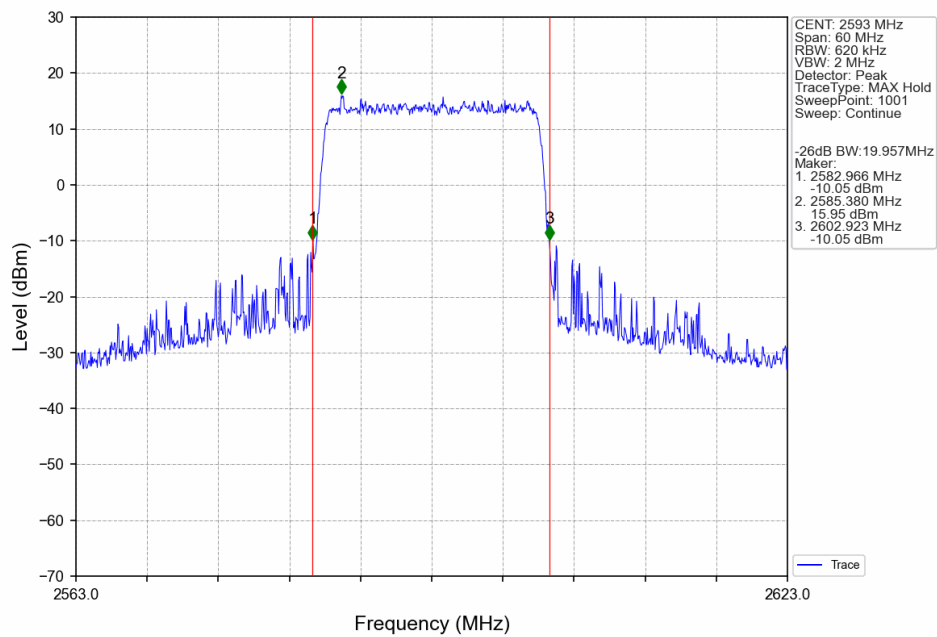
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

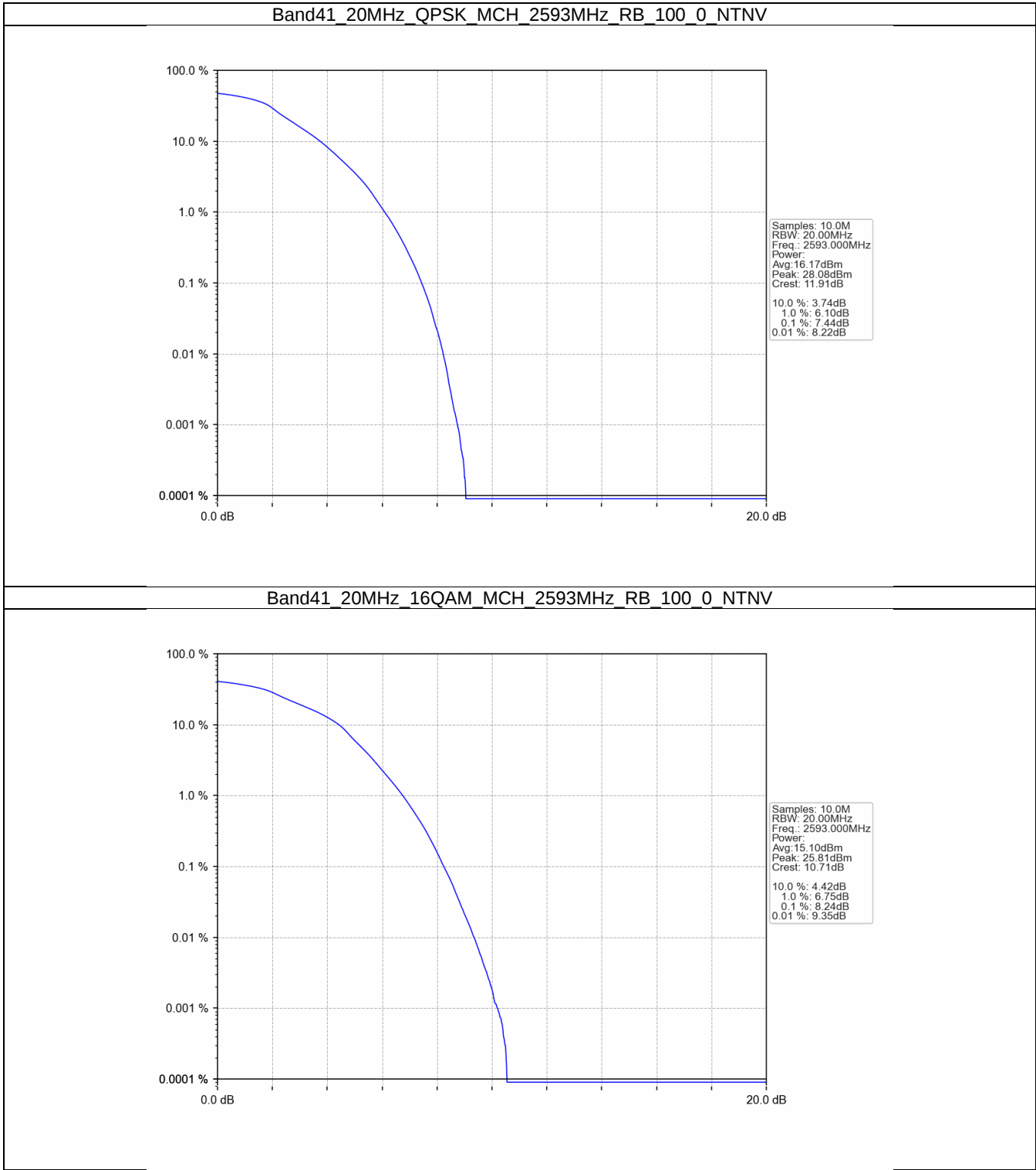
4.1 Test Result

4.1.1 B41\_20MHz

| Band: 41 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2593               | 100           | 0      | 7.44                    | <=13  | Pass    |
| 16QAM                              | 2593               | 100           | 0      | 8.24                    | <=13  | Pass    |

# 4.2 Test Graph

## 4.2.1 B41\_20MHz



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B41\_5MHz

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

#### 5.1.2 B41\_10MHz

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

#### 5.1.3 B41\_15MHz

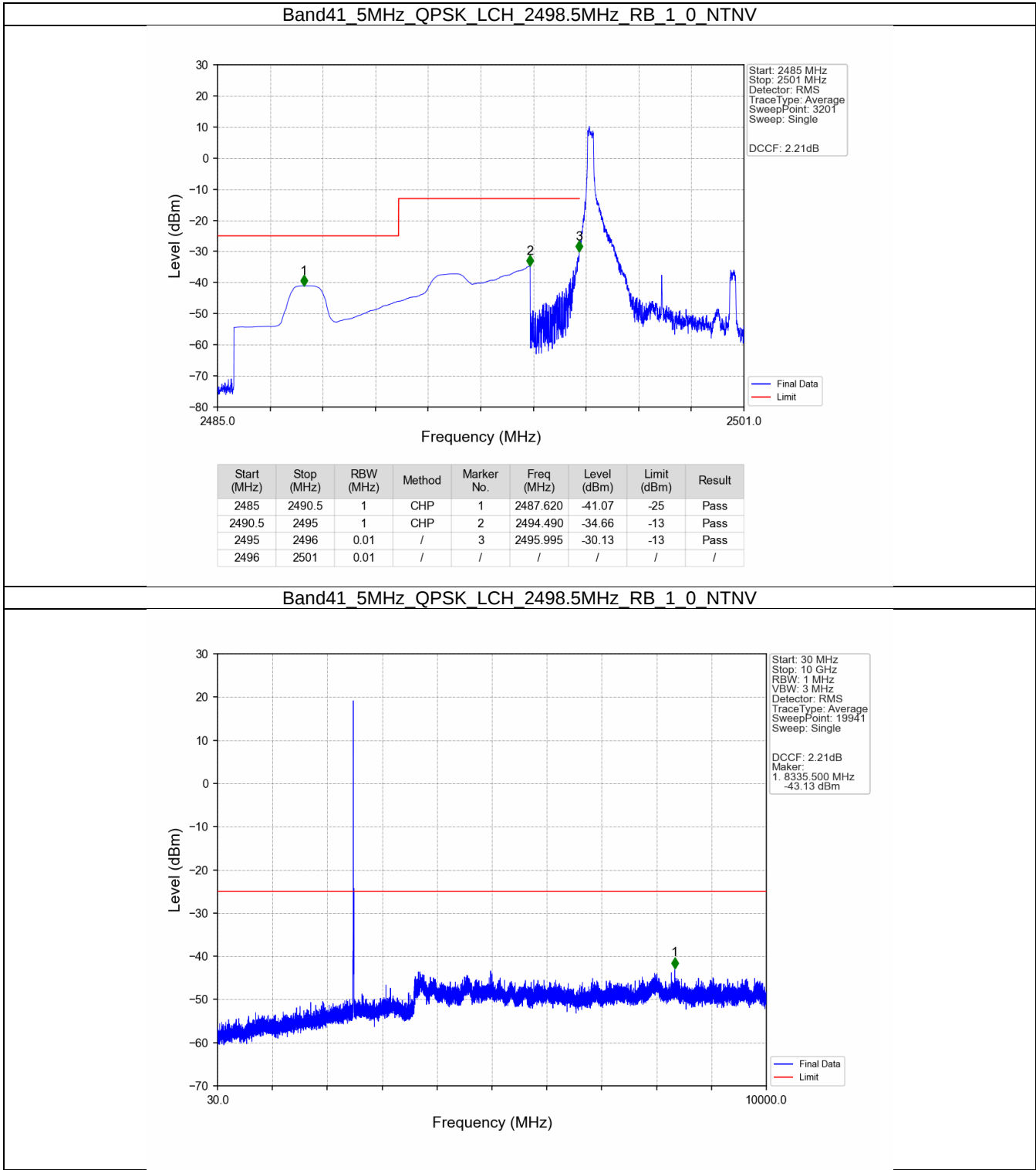
| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) |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

#### 5.1.4 B41\_20MHz

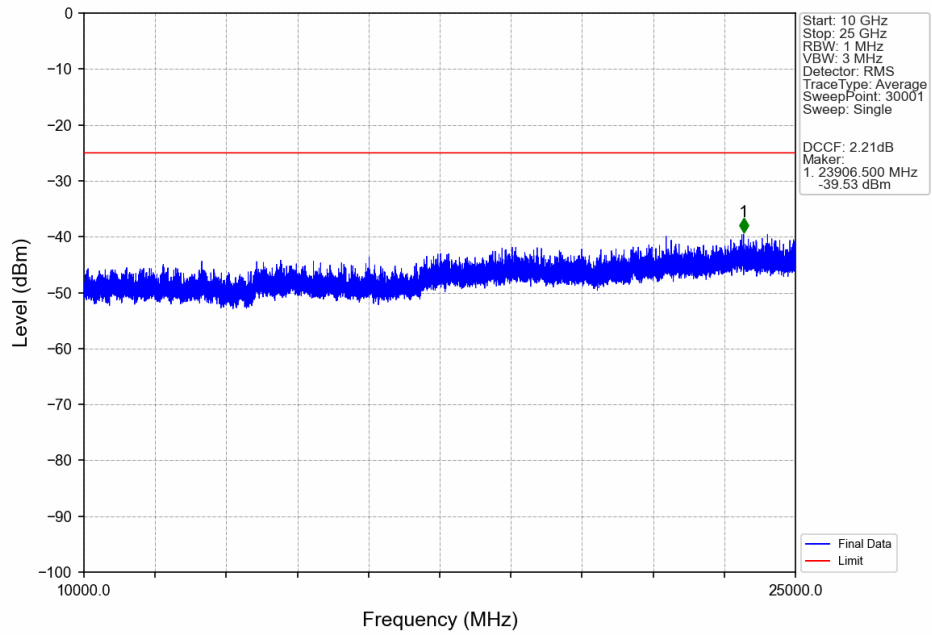
| Band: 41 / Bandwidth: 20MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) |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

5.2 Test Graph

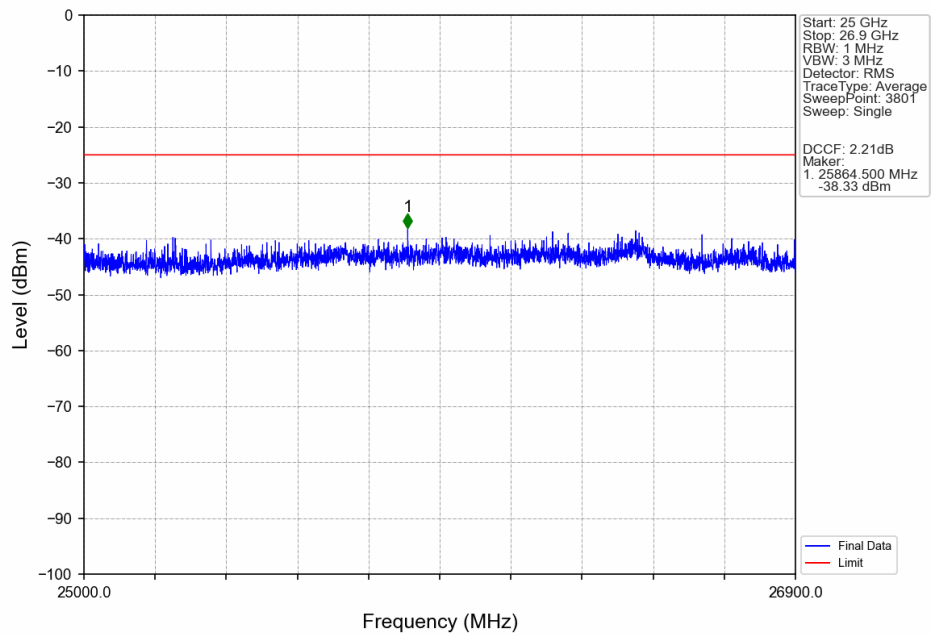
5.2.1 B41\_5MHz



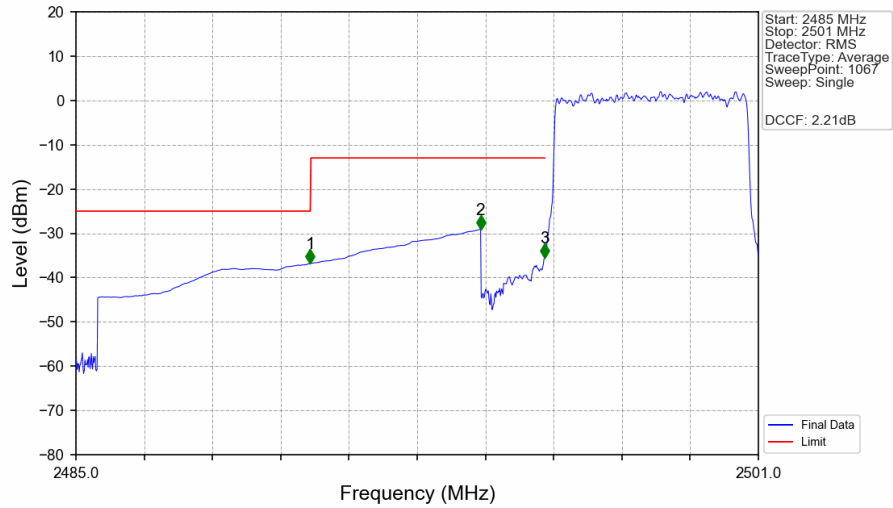
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

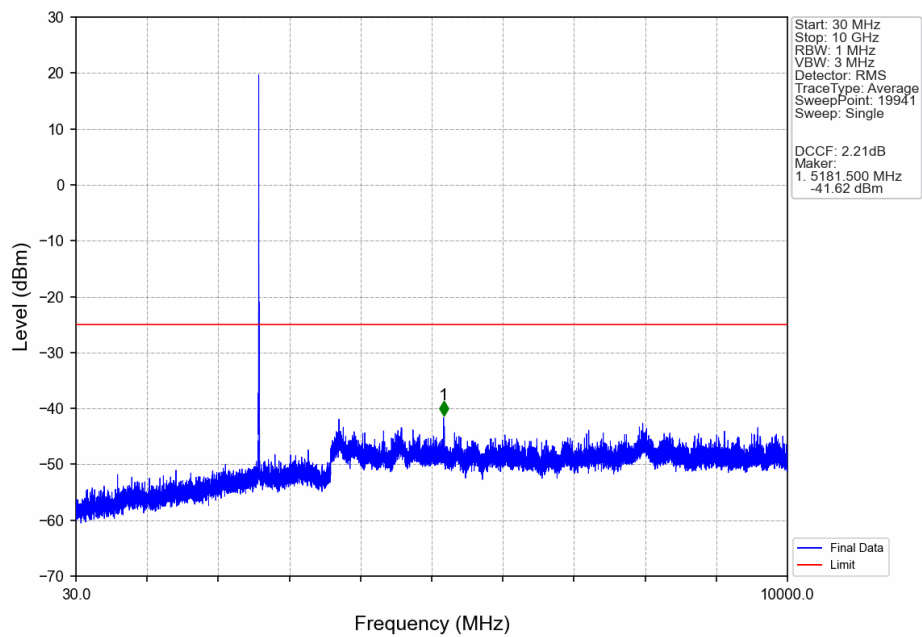


# Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

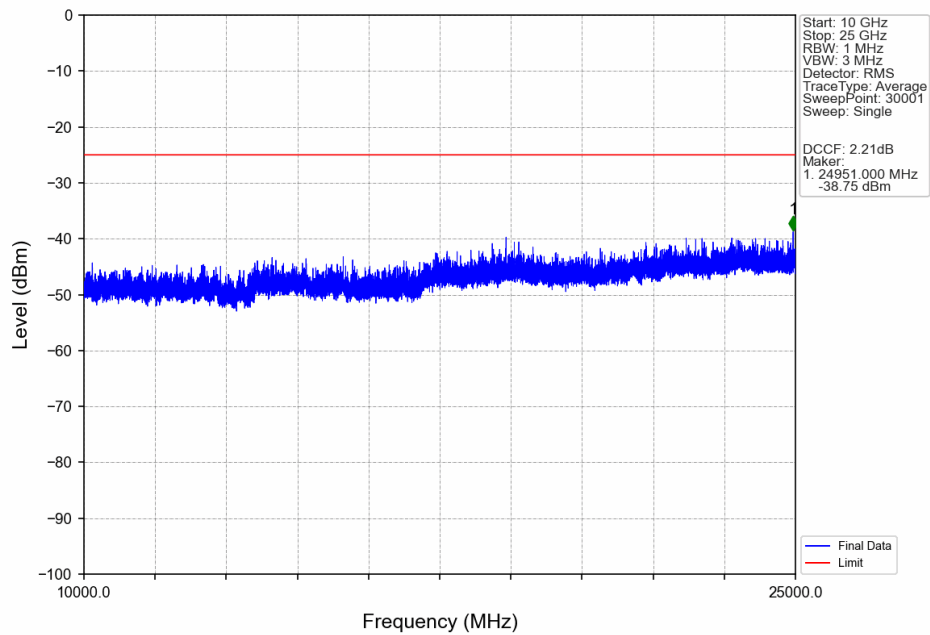


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.493   | -36.85      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.486   | -29.07      | -13         | Pass   |
| 2495        | 2496       | 0.051     | CHP    | 3          | 2495.987   | -35.48      | -13         | Pass   |
| 2496        | 2501       | 0.051     | CHP    | /          | /          | /           | /           | /      |

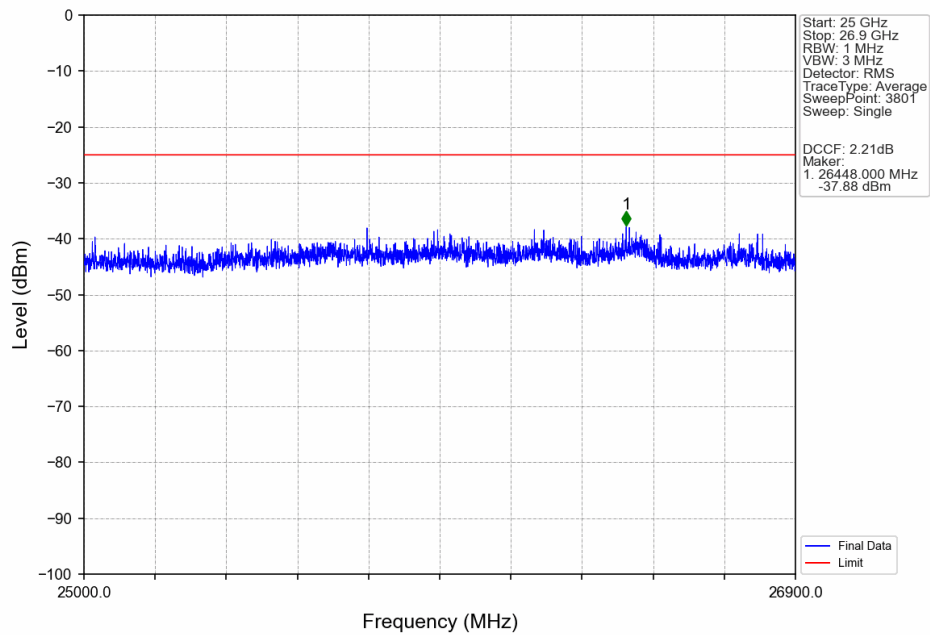
# Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



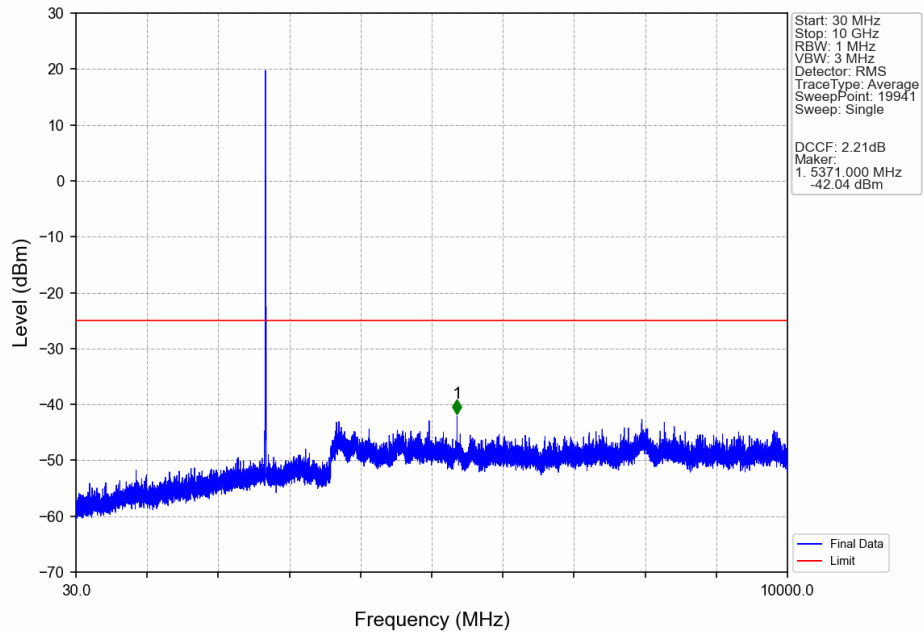
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



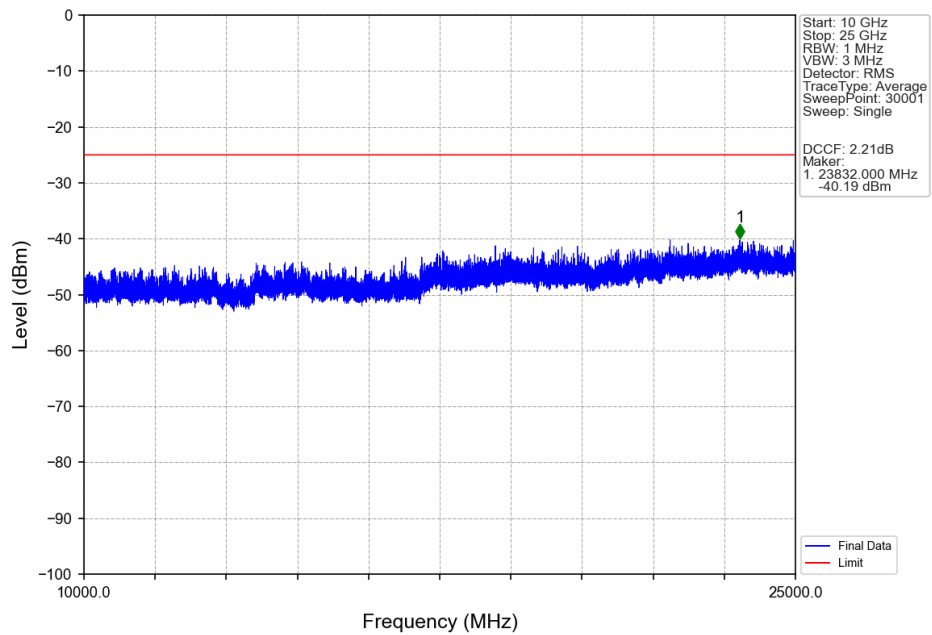
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



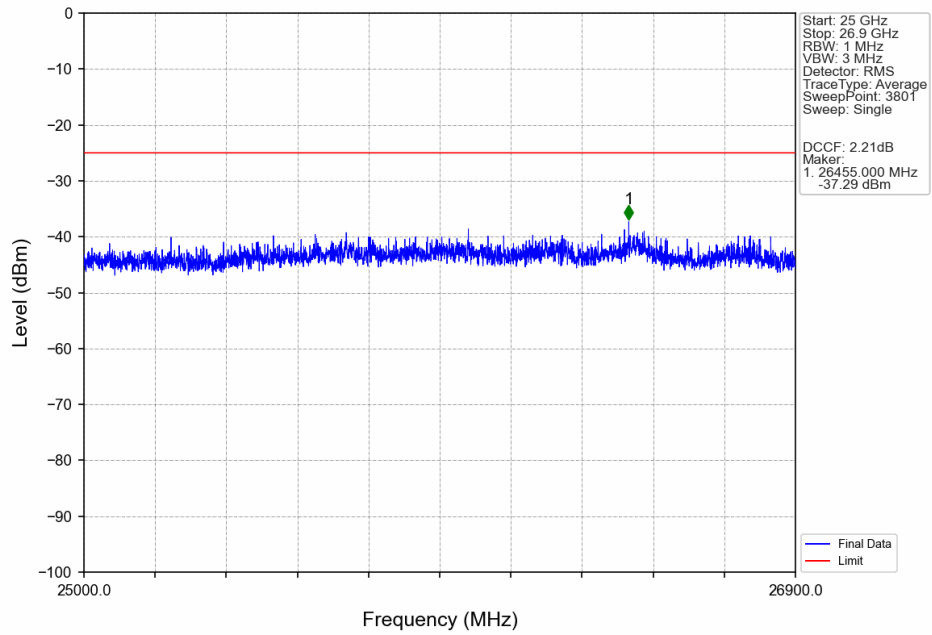
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



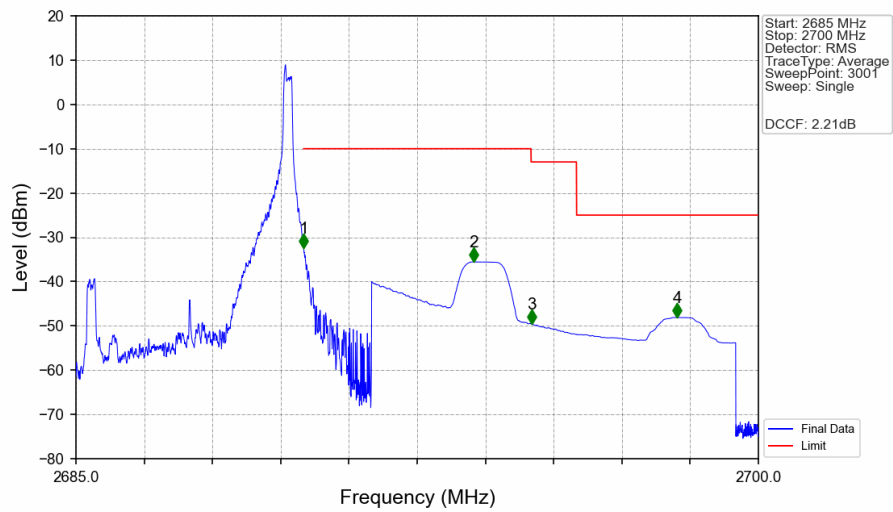
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



# Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV

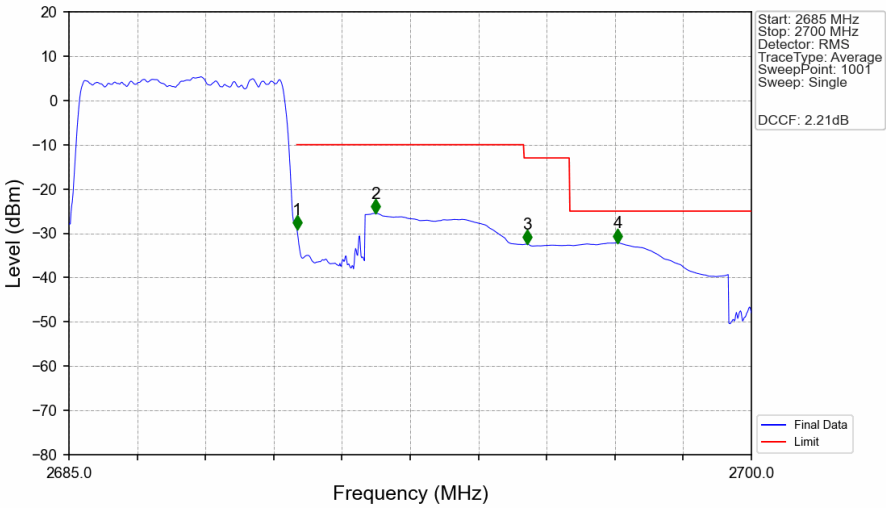


# Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTNV



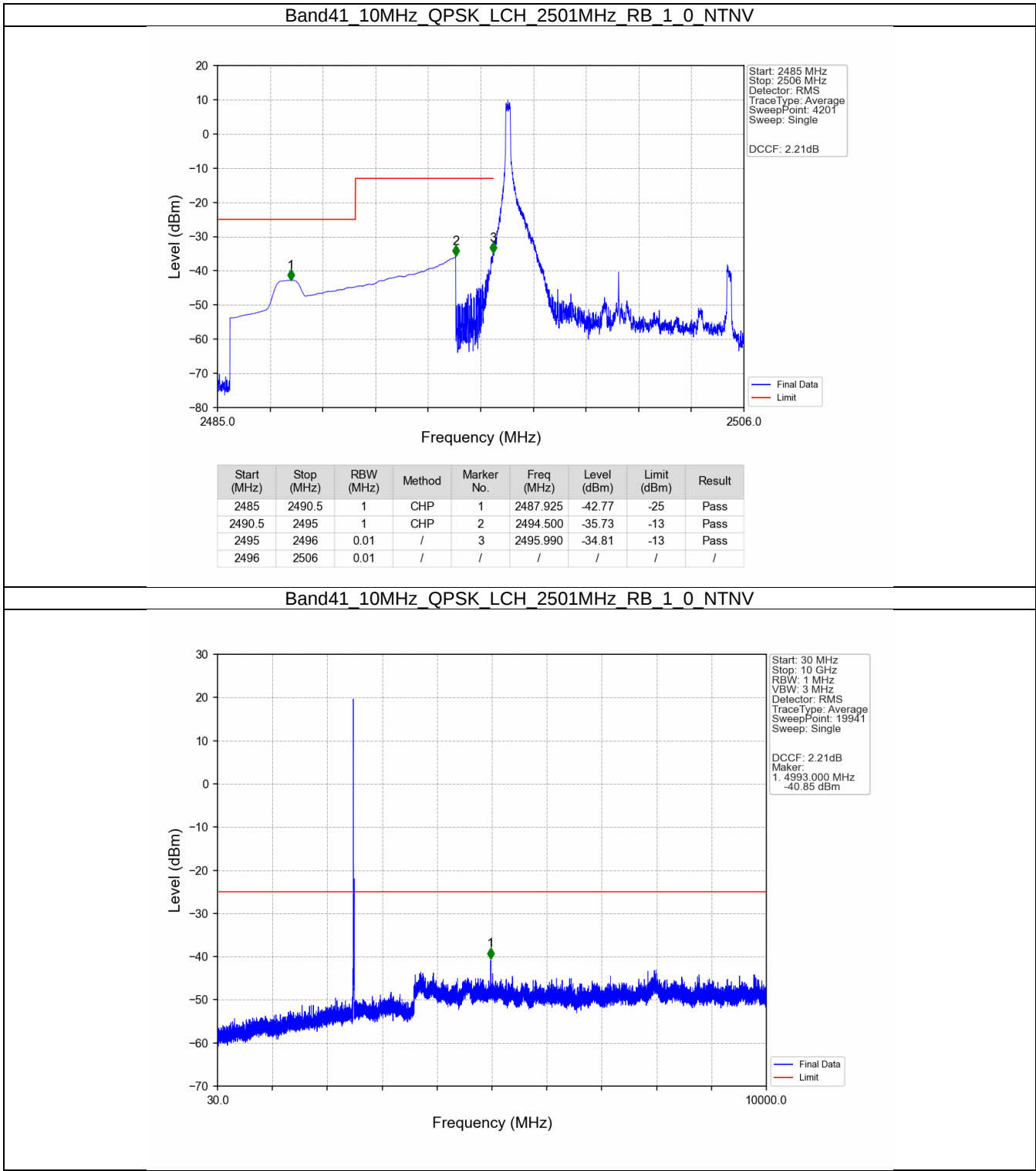
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2685        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.005   | -32.39      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2693.740   | -35.56      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.015   | -49.54      | -13         | Pass   |
| 2696        | 2700       | 1         | CHP    | 4          | 2698.215   | -48.12      | -25         | Pass   |

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTN

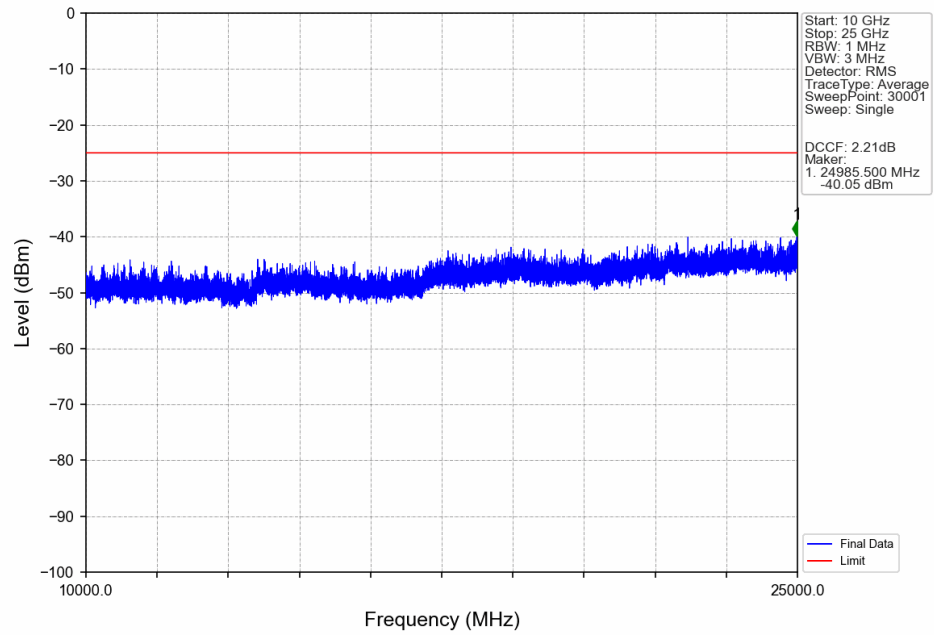


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2685        | 2690       | 0.103     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.103     | CHP    | 1          | 2690.010   | -29.08      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.735   | -25.50      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.065   | -32.43      | -13         | Pass   |
| 2696        | 2700       | 1         | CHP    | 4          | 2697.060   | -32.13      | -25         | Pass   |

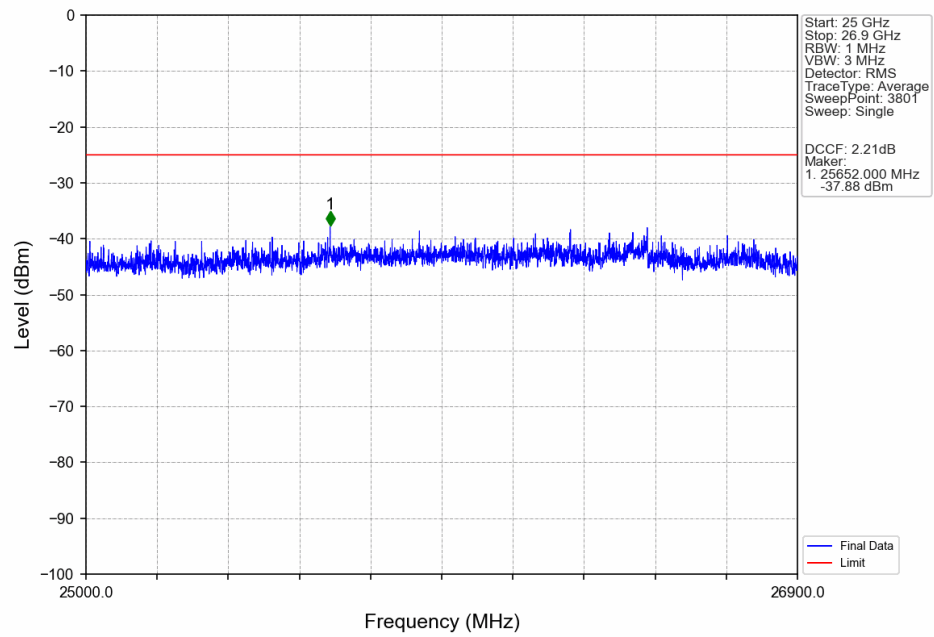
5.2.2 B41\_10MHz



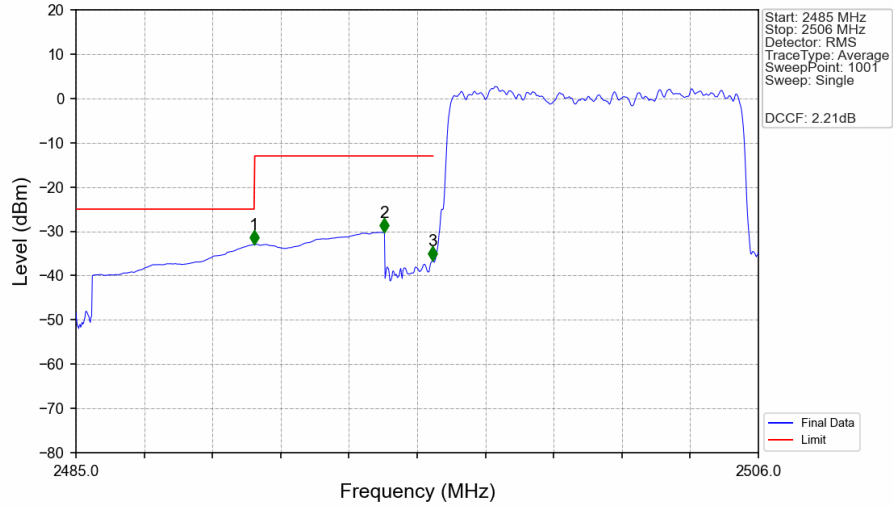
# Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



# Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN

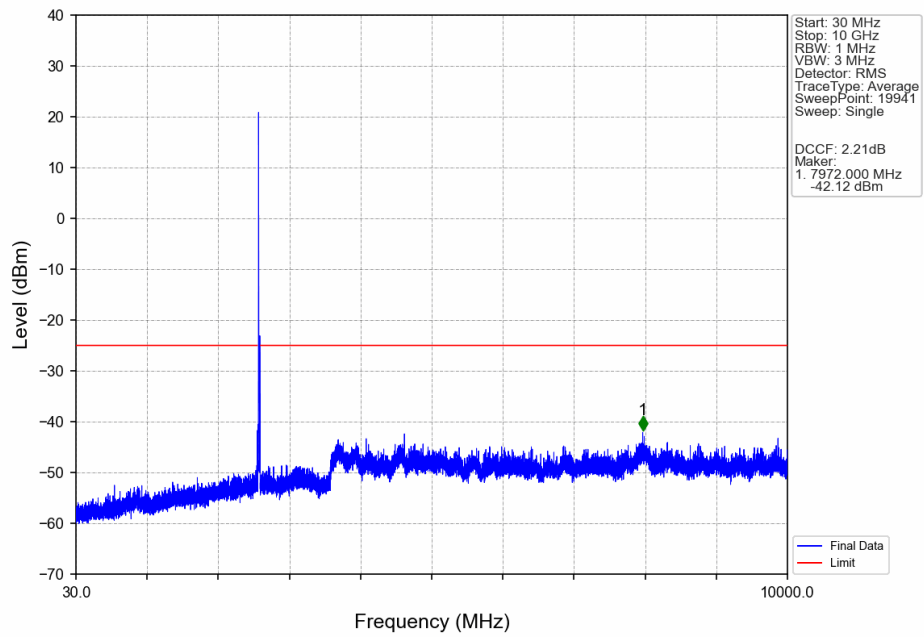


# Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV

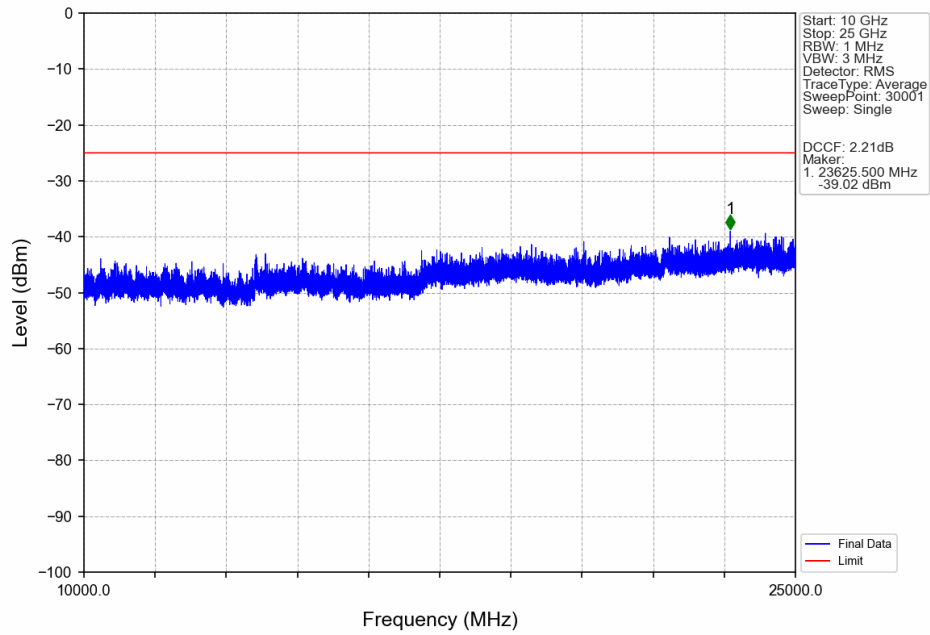


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.481   | -33.03      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.492   | -30.23      | -13         | Pass   |
| 2495        | 2496       | 0.106     | CHP    | 3          | 2495.983   | -36.68      | -13         | Pass   |
| 2496        | 2506       | 0.106     | CHP    | /          | /          | /           | /           | /      |

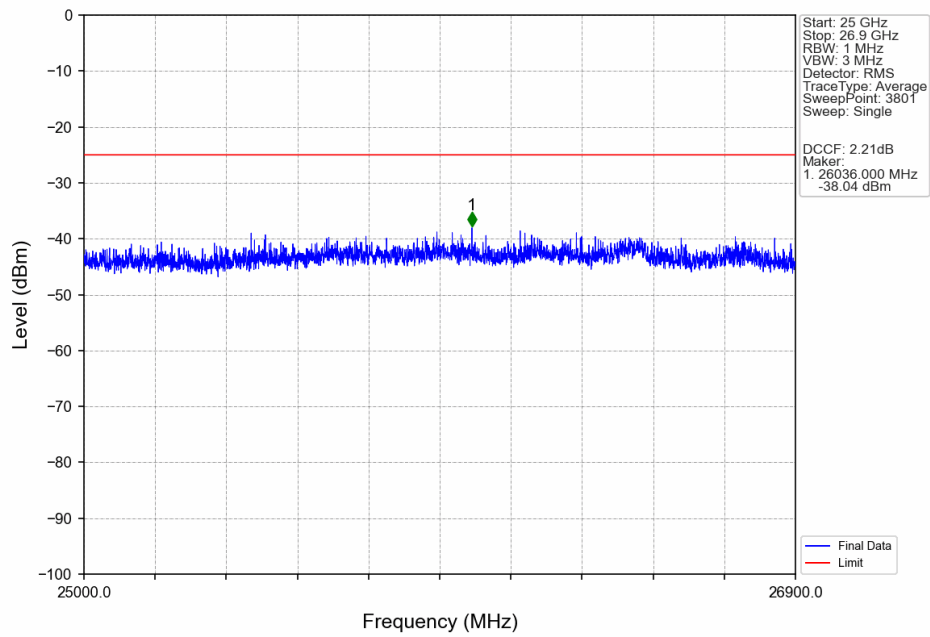
# Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



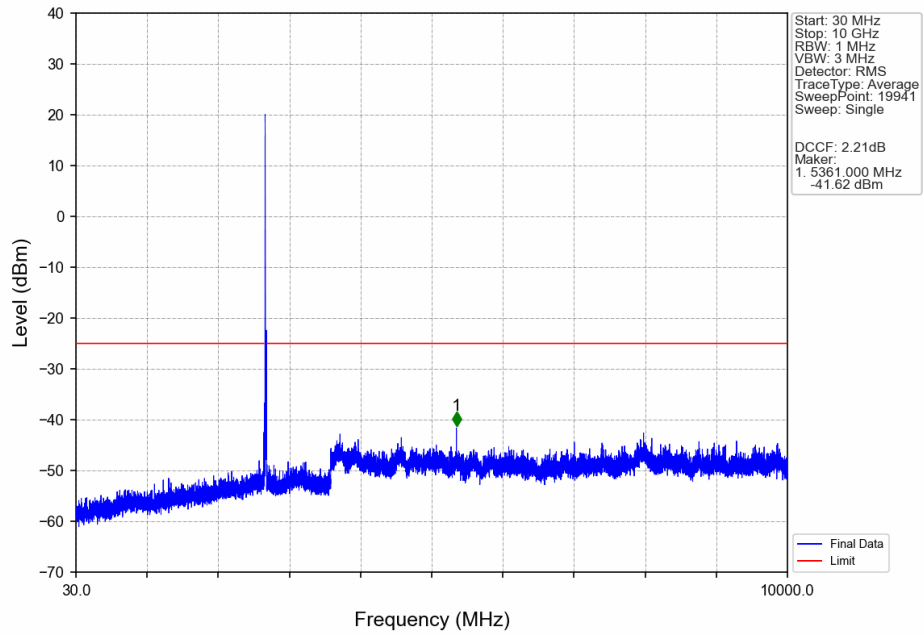
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



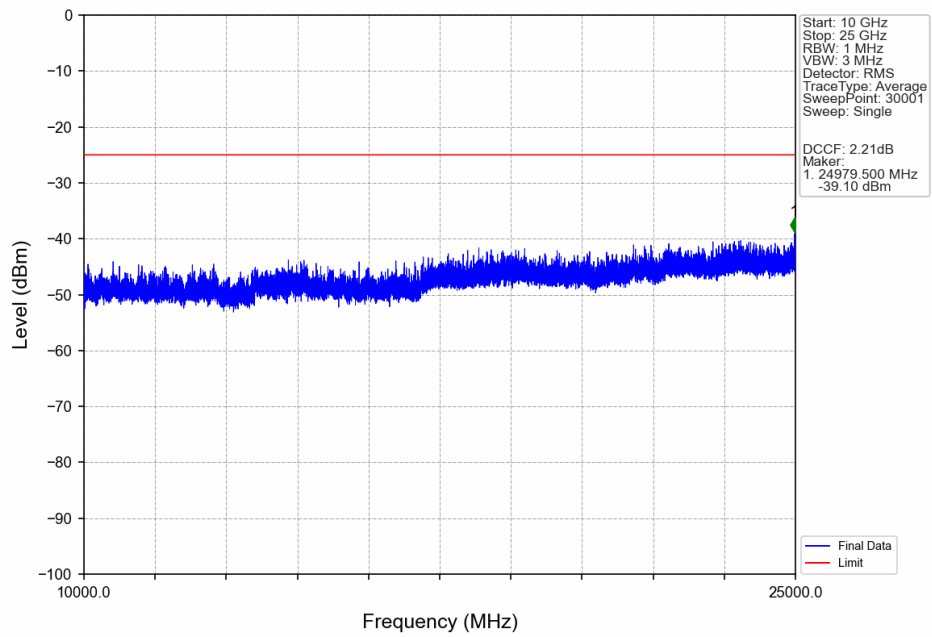
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



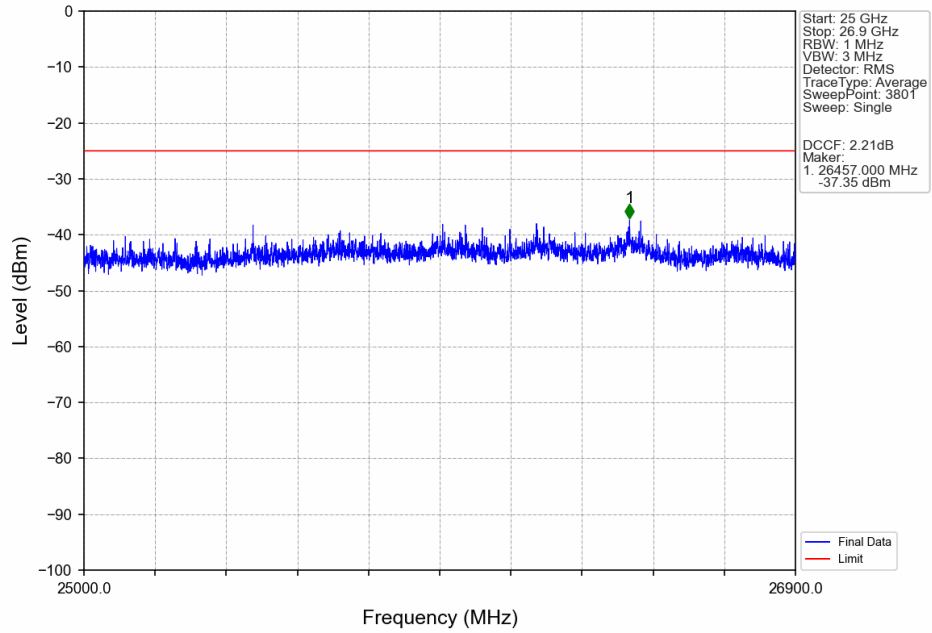
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



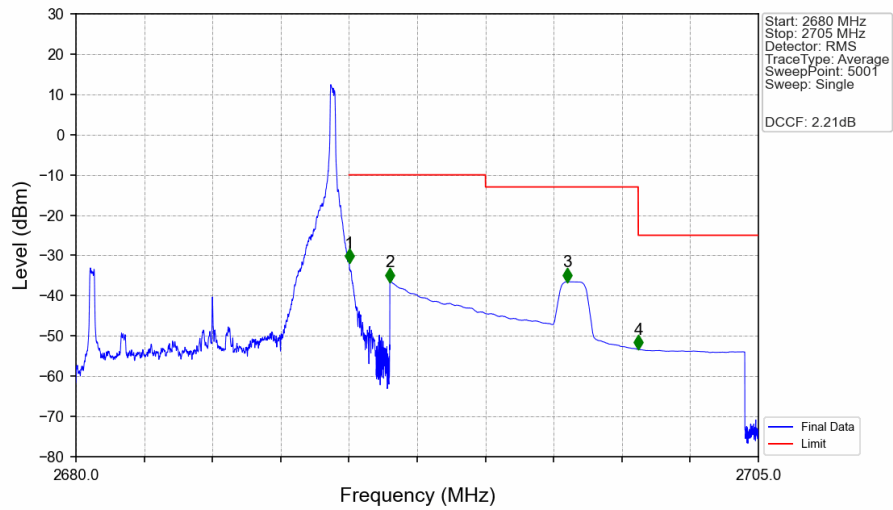
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



# Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV

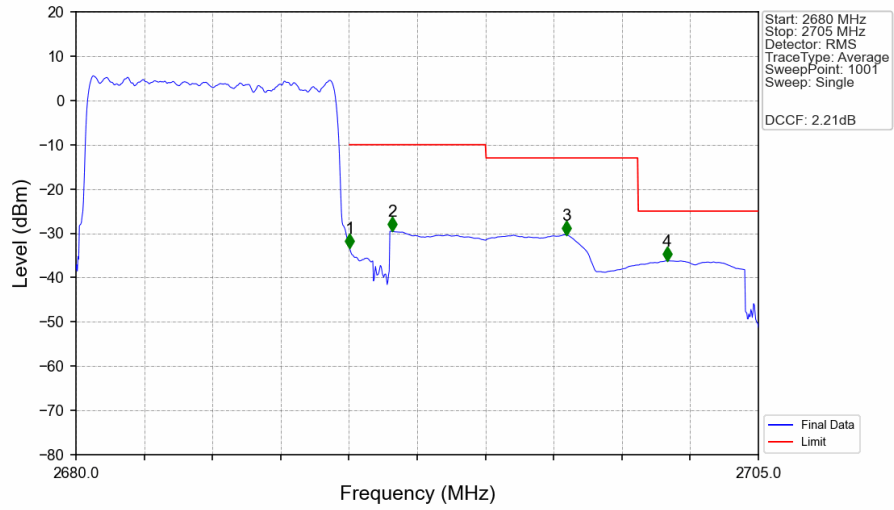


# Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTNV



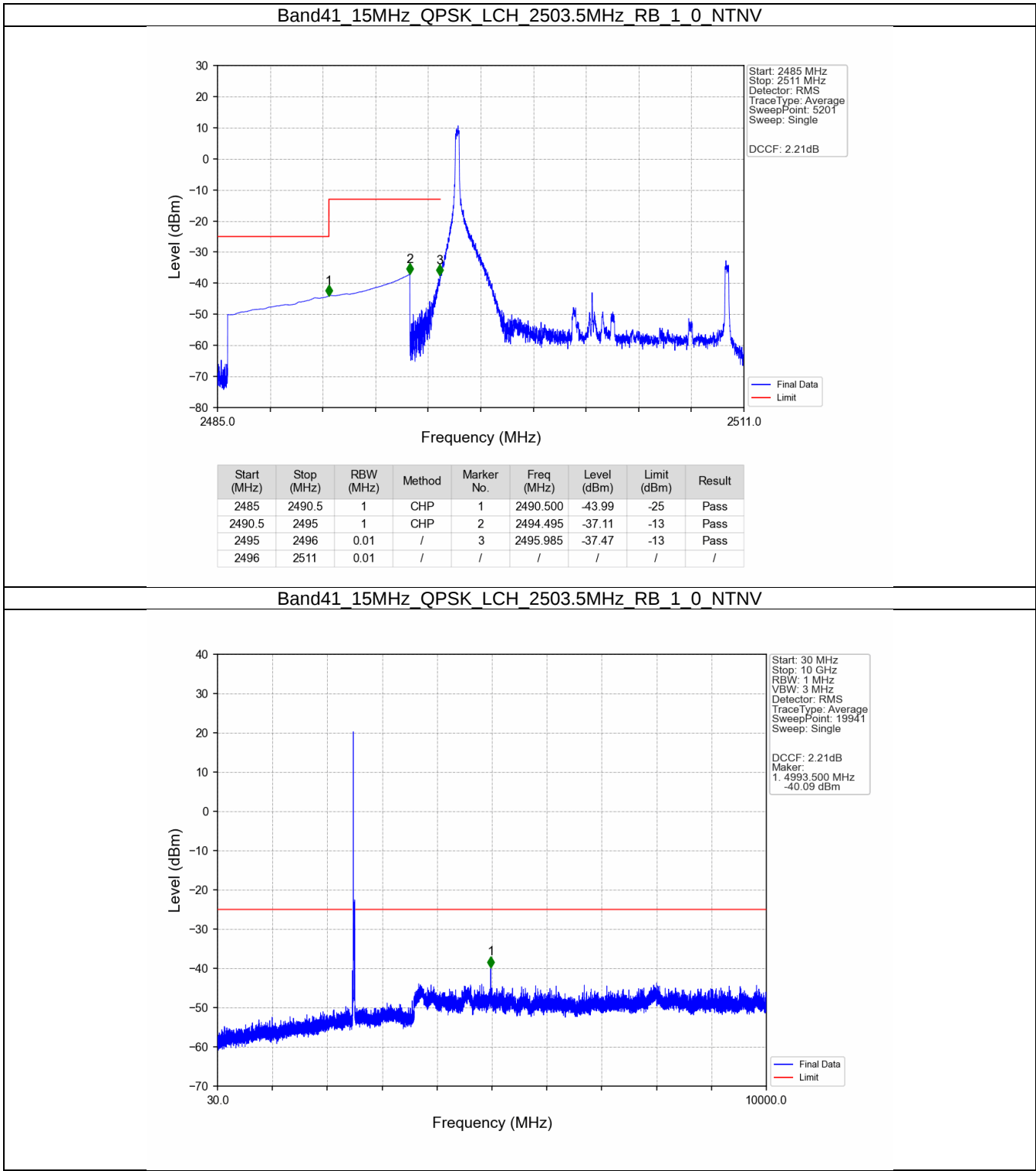
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2680        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.005   | -31.94      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.505   | -36.56      | -10         | Pass   |
| 2695        | 2700.596   | 1         | CHP    | 3          | 2697.985   | -36.56      | -13         | Pass   |
| 2700.596    | 2705       | 1         | CHP    | 4          | 2700.600   | -53.34      | -25         | Pass   |

# Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

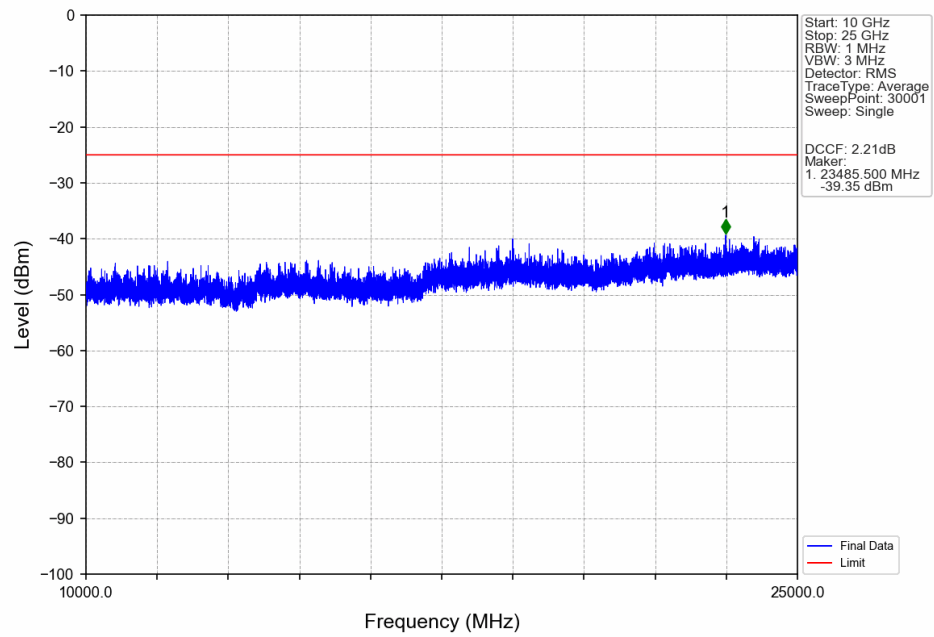


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2680        | 2690       | 0.212     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.212     | CHP    | 1          | 2690.025   | -33.35      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.575   | -29.56      | -10         | Pass   |
| 2695        | 2700.596   | 1         | CHP    | 3          | 2697.975   | -30.34      | -13         | Pass   |
| 2700.596    | 2705       | 1         | CHP    | 4          | 2701.650   | -36.21      | -25         | Pass   |

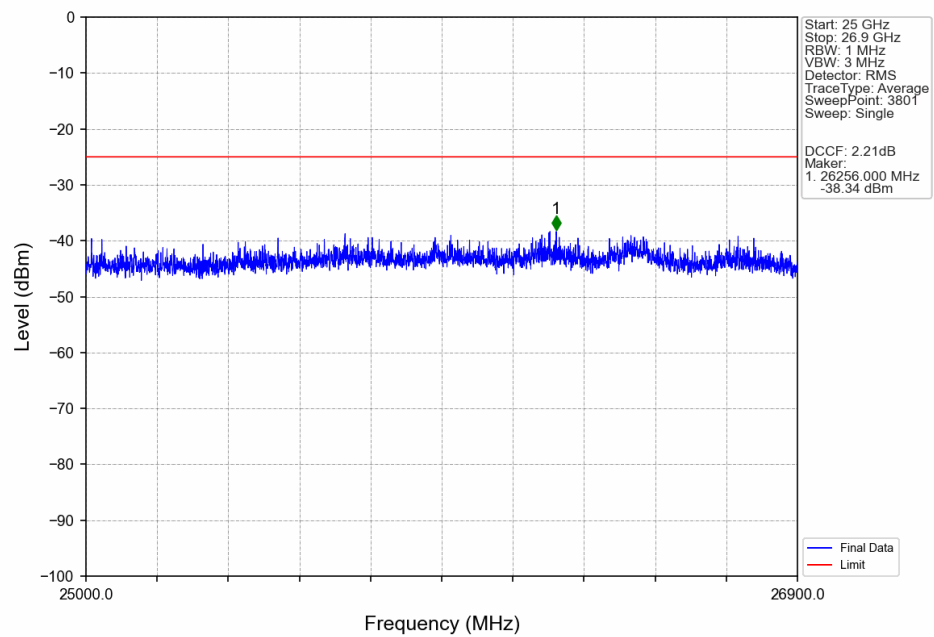
5.2.3 B41\_15MHz



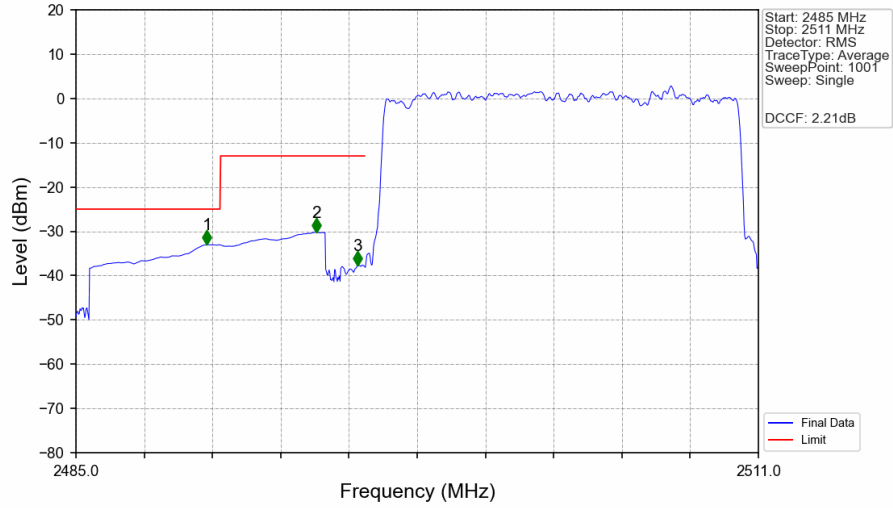
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV

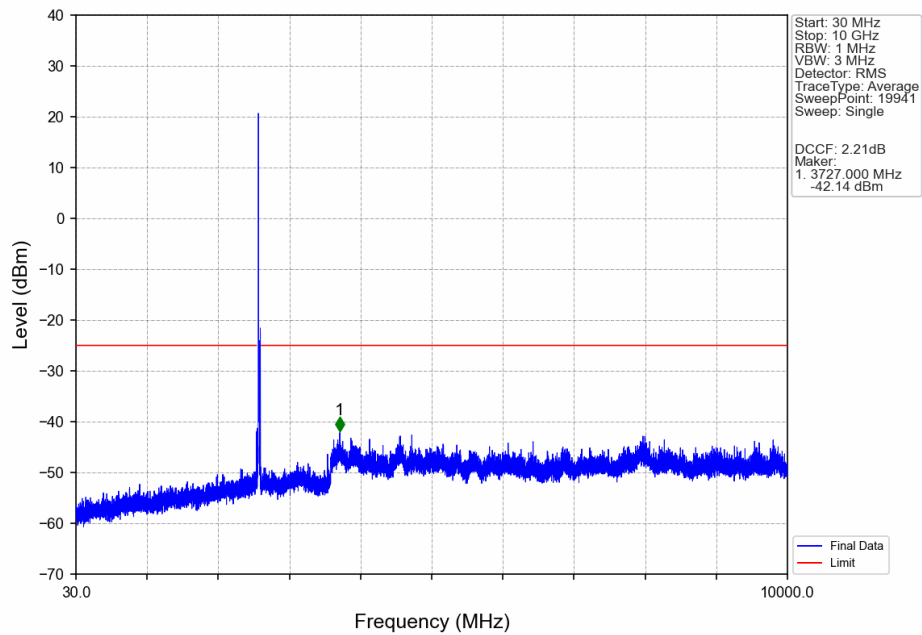


# Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTN

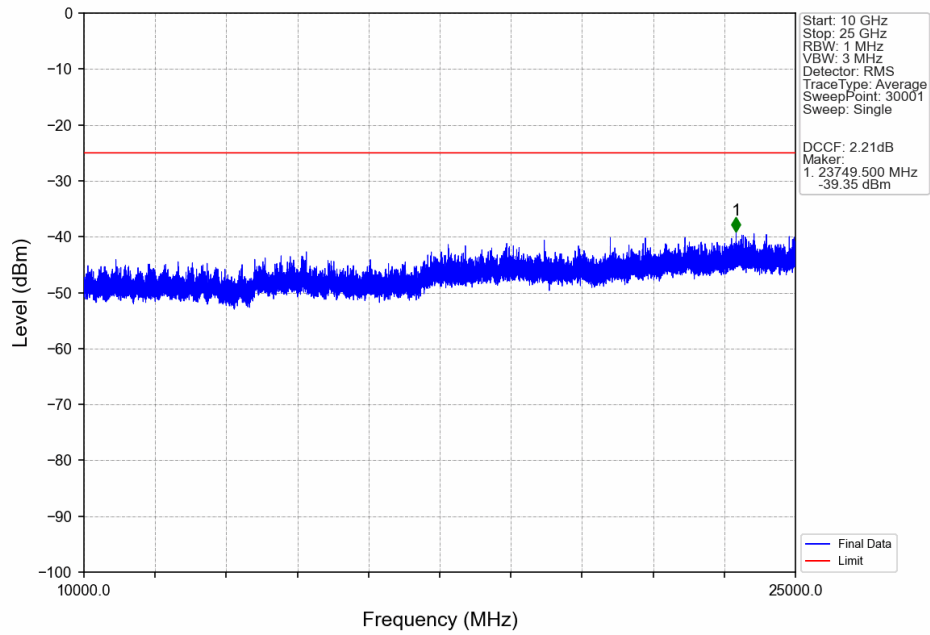


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.992   | -33.03      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.152   | -30.19      | -13         | Pass   |
| 2495        | 2496       | 0.152     | CHP    | 3          | 2495.738   | -37.63      | -13         | Pass   |
| 2496        | 2511       | 0.152     | CHP    | /          | /          | /           | /           | /      |

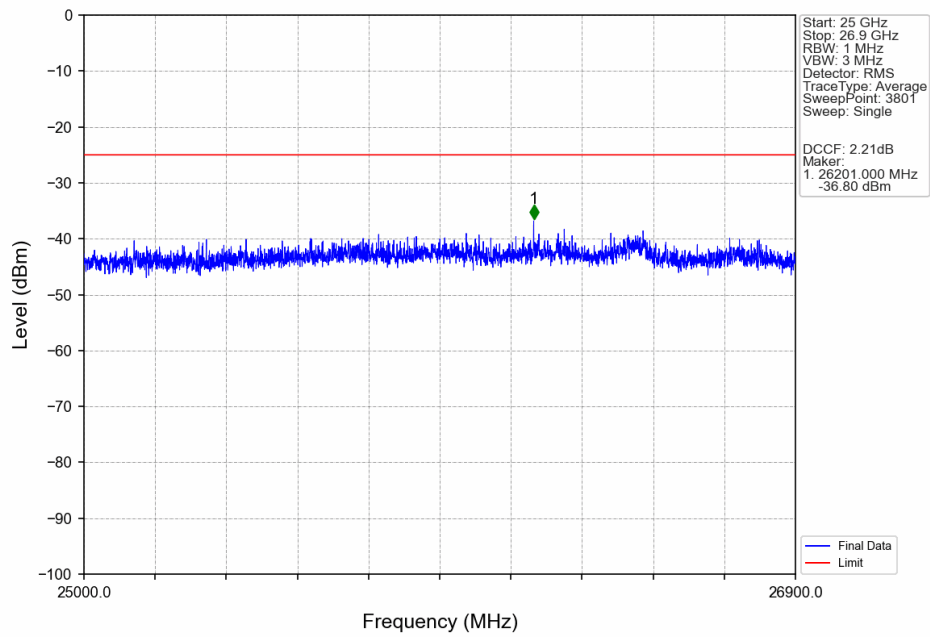
# Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTN



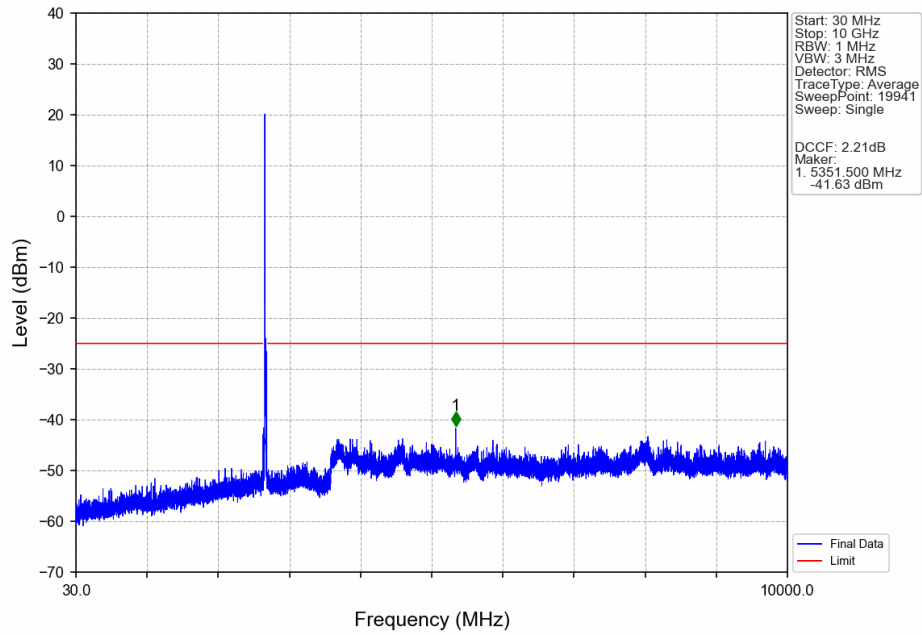
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



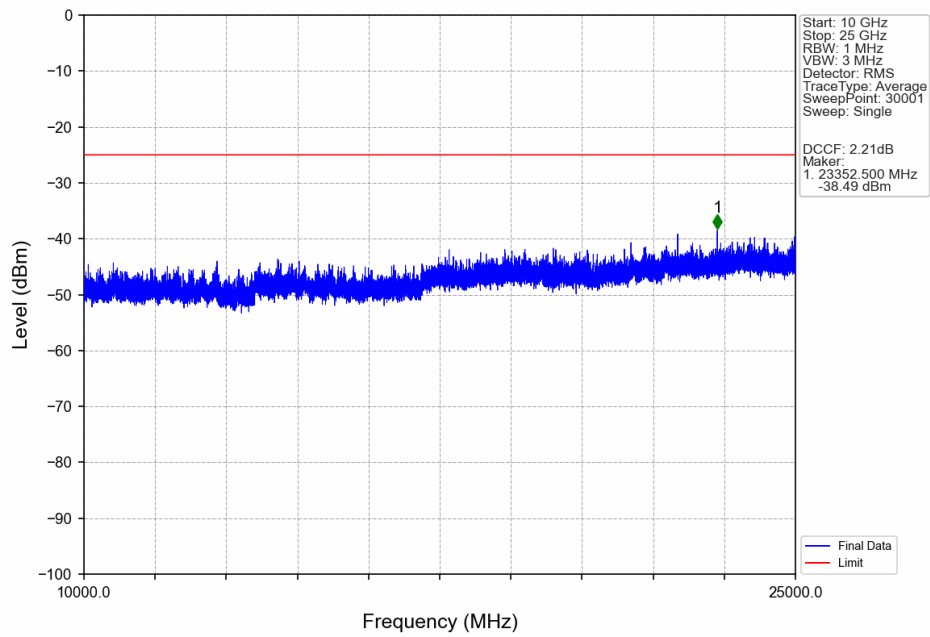
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



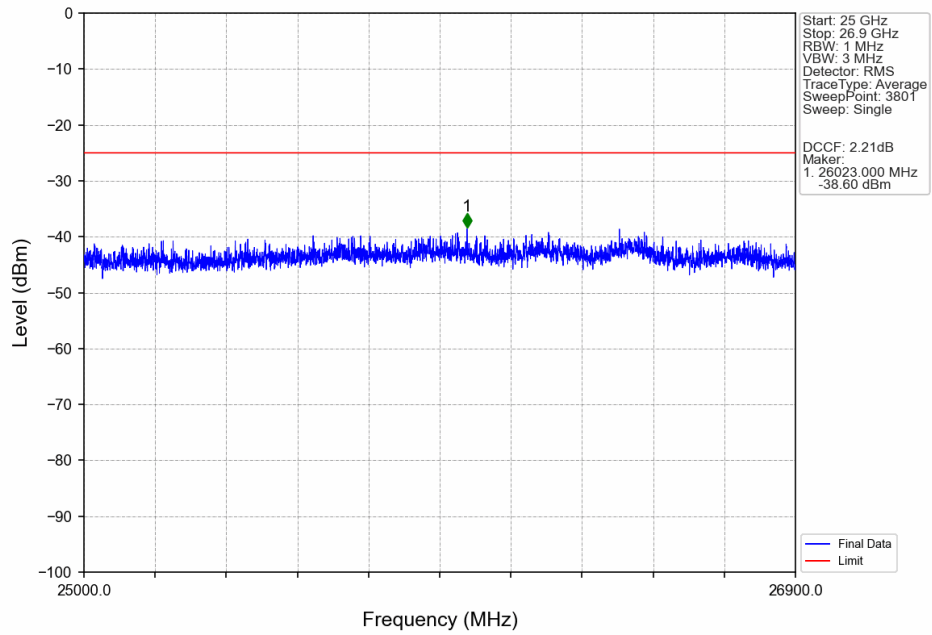
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV



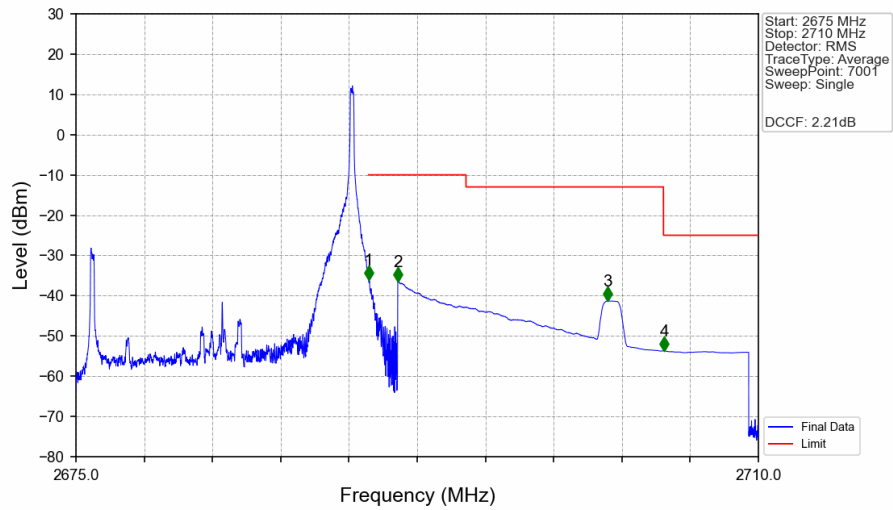
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV



# Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

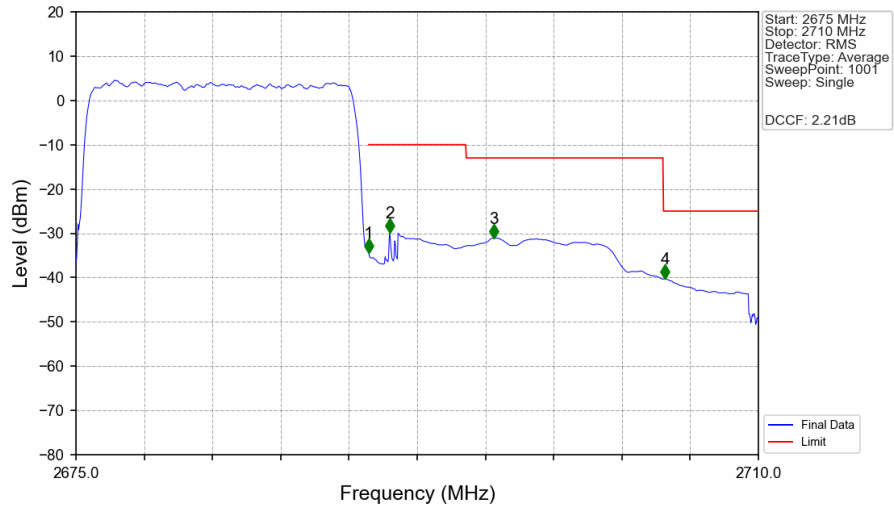


# Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



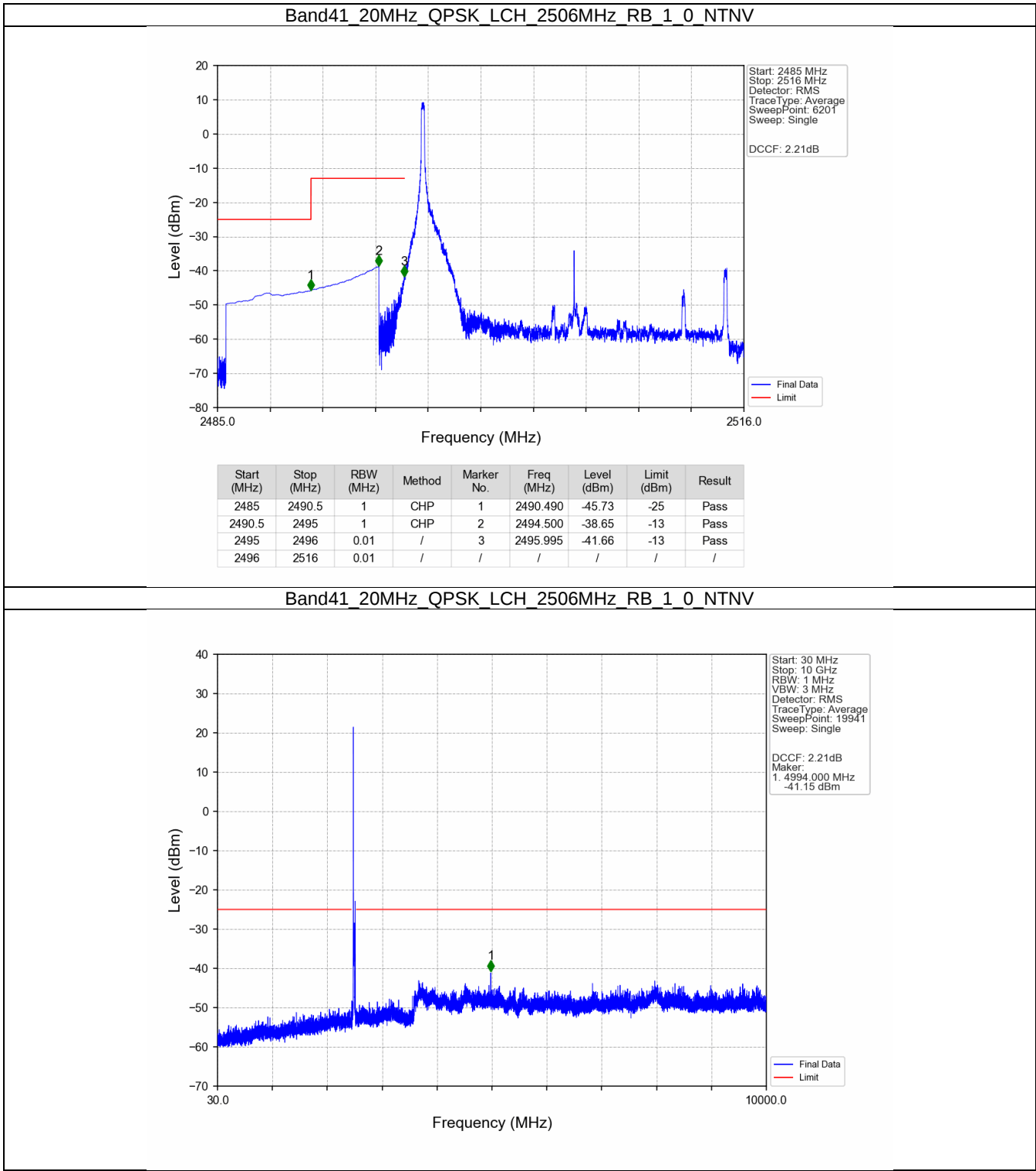
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2675        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.005   | -36.14      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -36.37      | -10         | Pass   |
| 2695        | 2705.133   | 1         | CHP    | 3          | 2702.260   | -41.33      | -13         | Pass   |
| 2705.133    | 2710       | 1         | CHP    | 4          | 2705.165   | -53.72      | -25         | Pass   |

# Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN

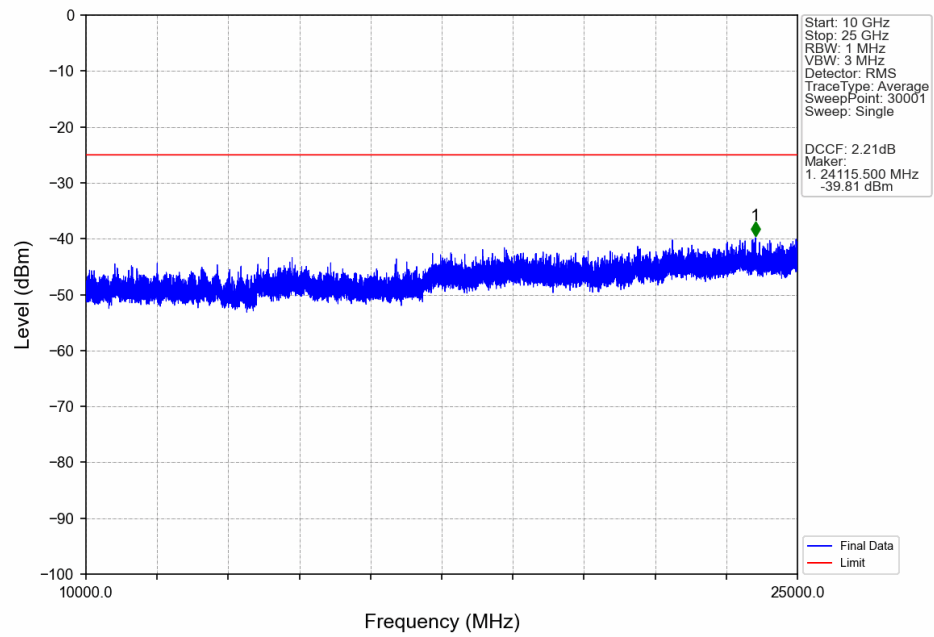


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2675        | 2690       | 0.303     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.303     | CHP    | 1          | 2690.015   | -34.48      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.100   | -29.89      | -10         | Pass   |
| 2695        | 2705.133   | 1         | CHP    | 3          | 2696.420   | -31.06      | -13         | Pass   |
| 2705.133    | 2710       | 1         | CHP    | 4          | 2705.205   | -40.26      | -25         | Pass   |

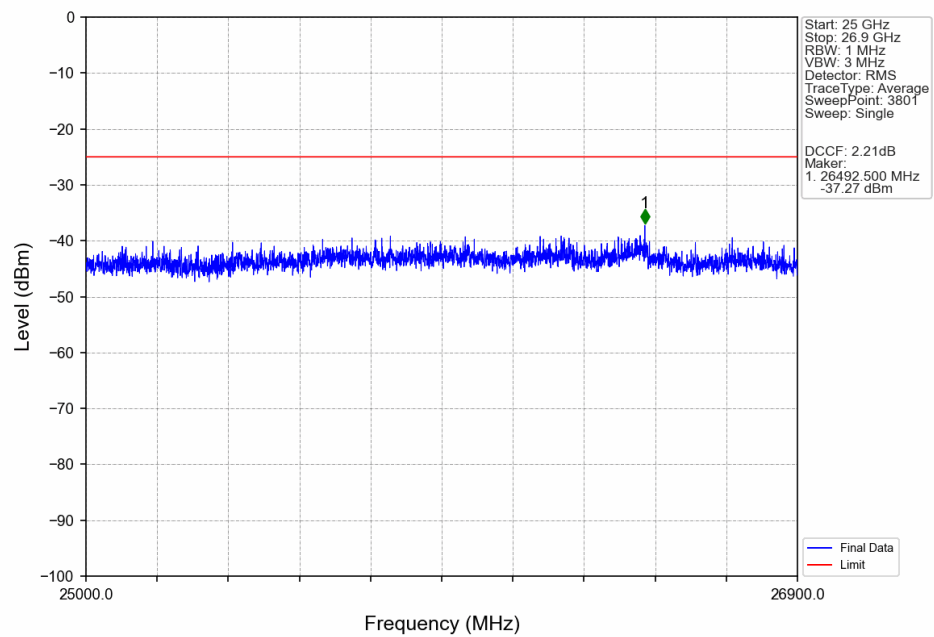
5.2.4 B41\_20MHz



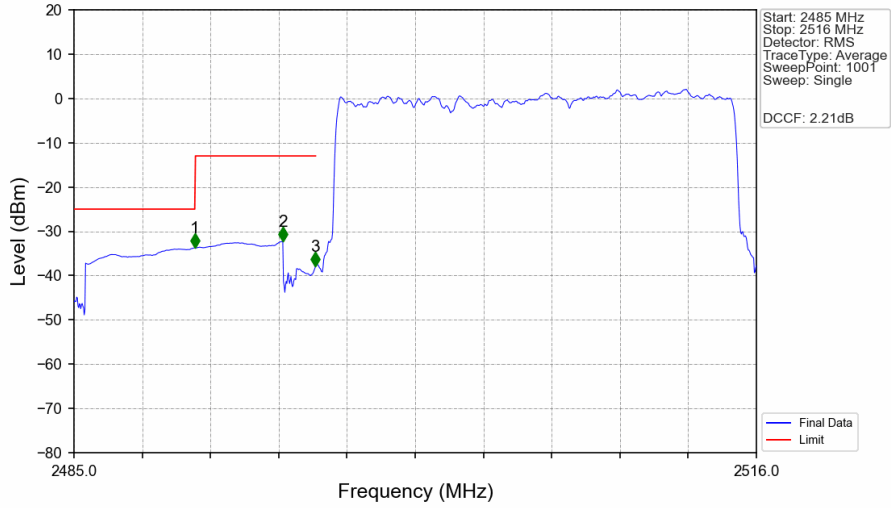
# Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



# Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN

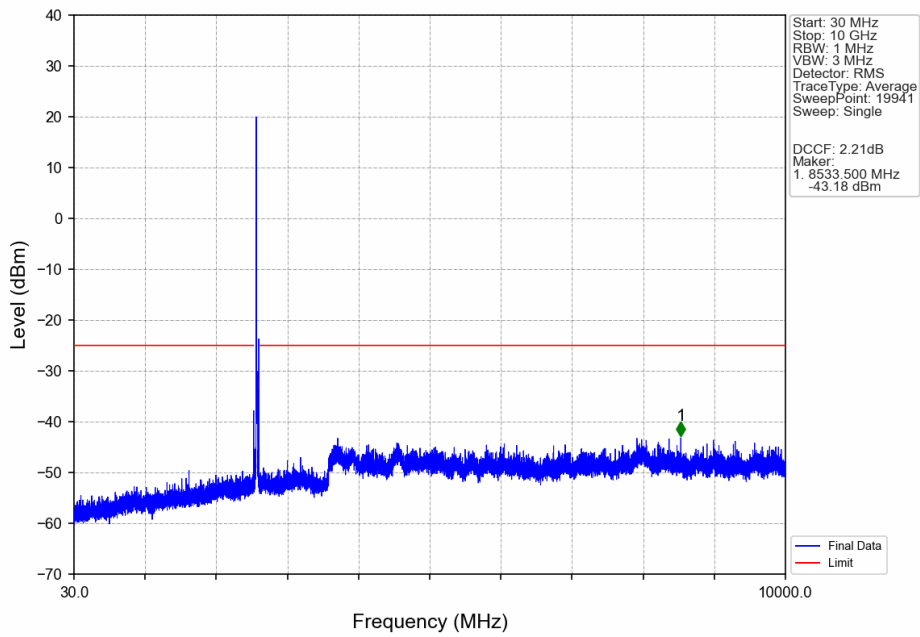


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV

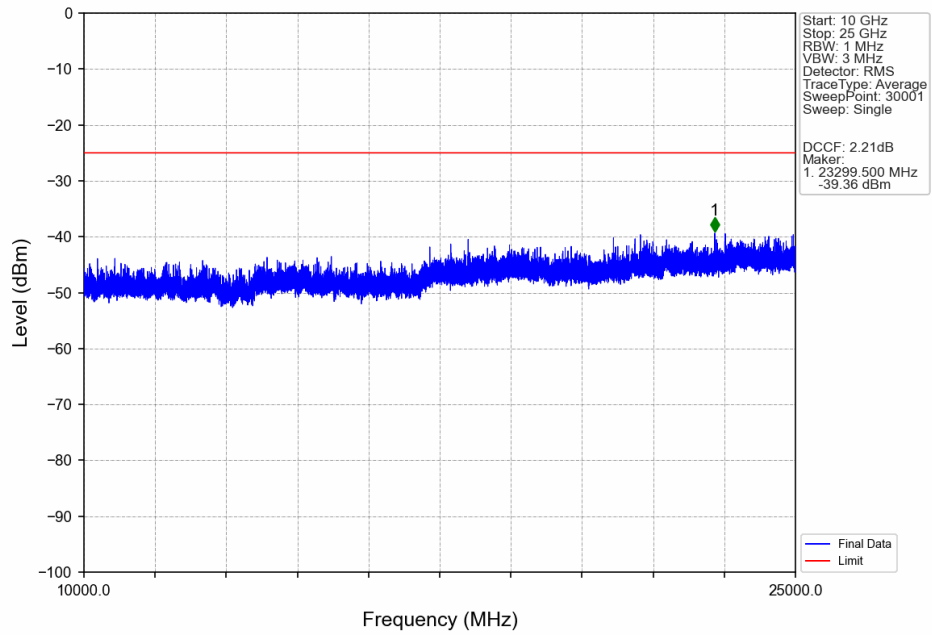


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.487   | -33.74      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.486   | -32.26      | -13         | Pass   |
| 2495        | 2496       | 0.195     | CHP    | 3          | 2495.974   | -37.80      | -13         | Pass   |
| 2496        | 2516       | 0.195     | CHP    | /          | /          | /           | /           | /      |

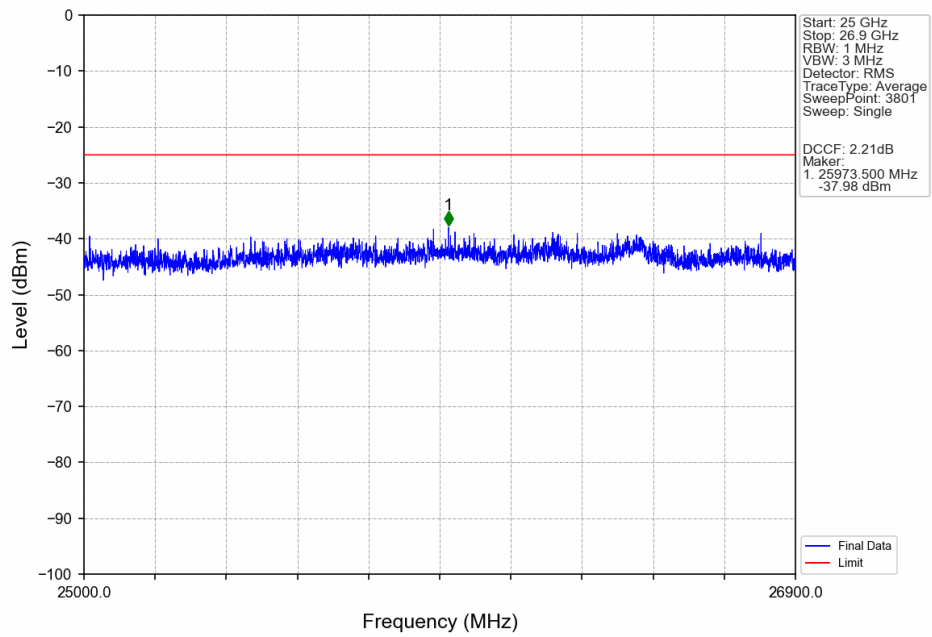
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



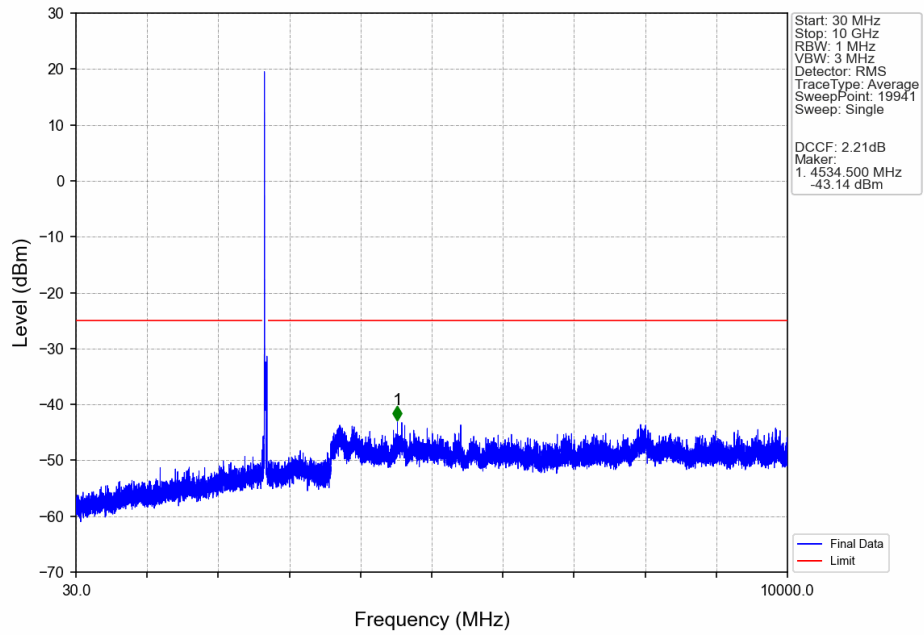
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



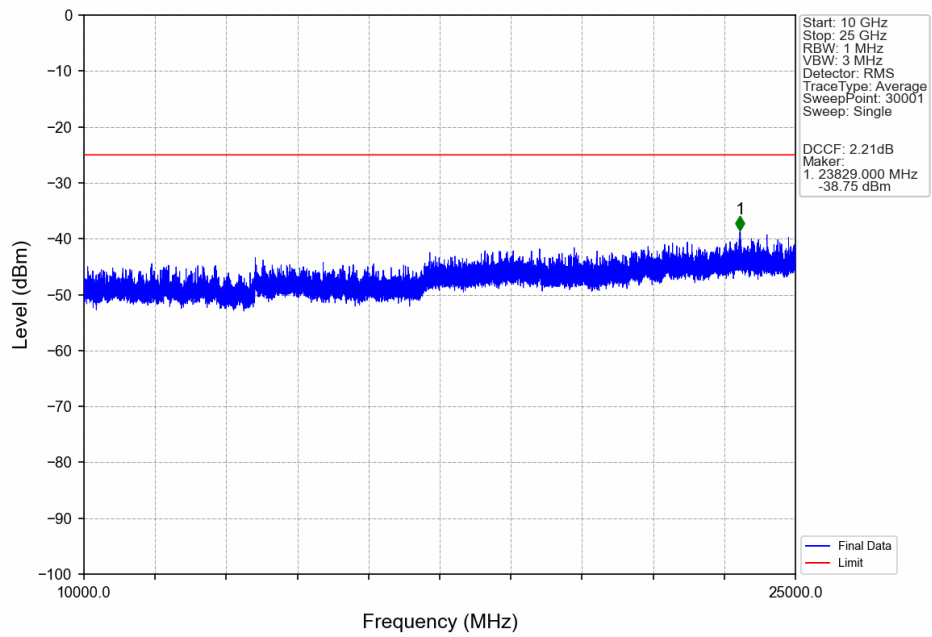
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



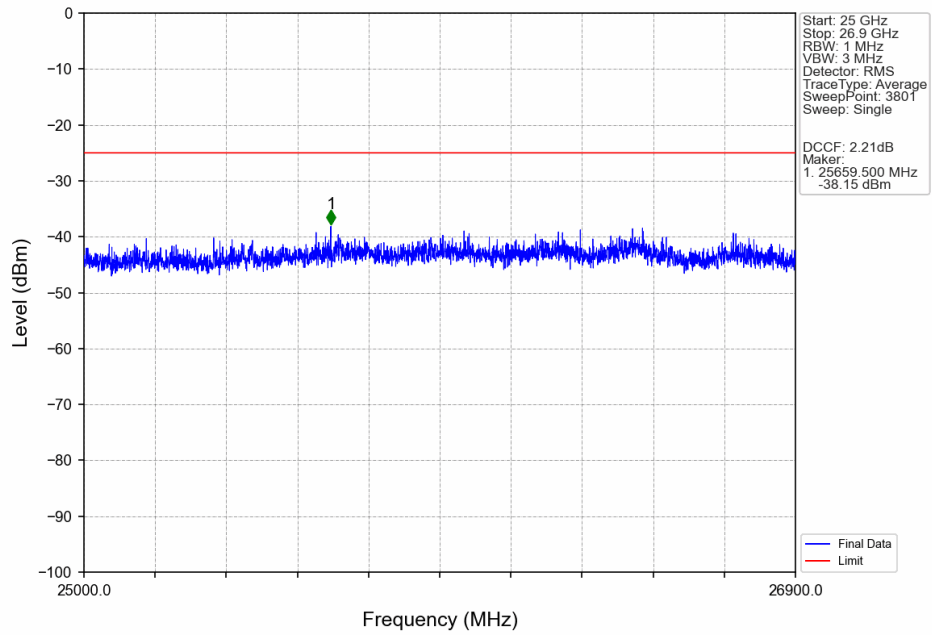
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTN



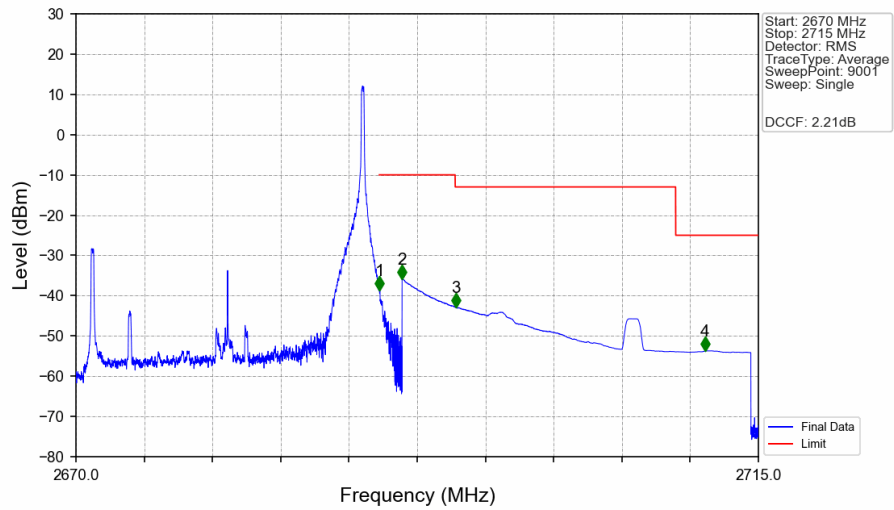
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTN



# Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

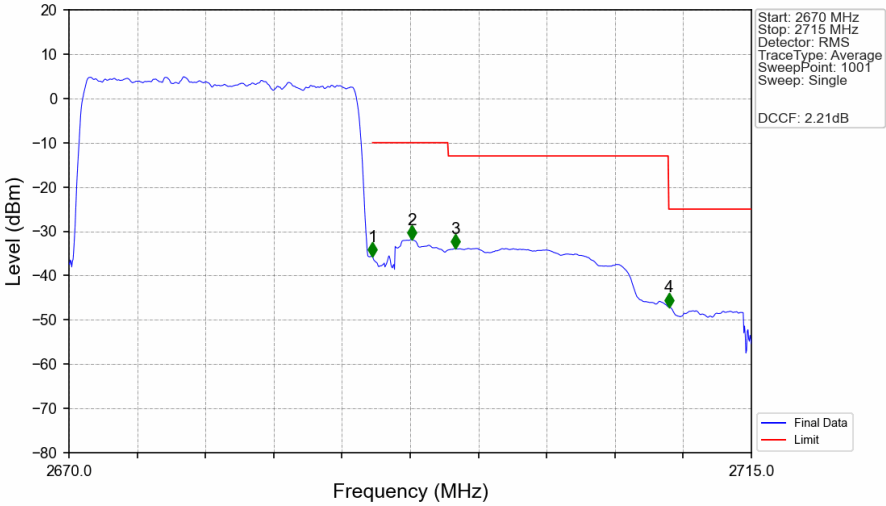


# Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2670        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.010   | -38.68      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -35.78      | -10         | Pass   |
| 2695        | 2709.543   | 1         | CHP    | 3          | 2695.055   | -42.85      | -13         | Pass   |
| 2709.543    | 2715       | 1         | CHP    | 4          | 2711.485   | -53.70      | -25         | Pass   |

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2670        | 2690       | 0.391     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.391     | CHP    | 1          | 2690.025   | -35.72      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2692.590   | -31.84      | -10         | Pass   |
| 2695        | 2709.543   | 1         | CHP    | 3          | 2695.470   | -33.87      | -13         | Pass   |
| 2709.543    | 2715       | 1         | CHP    | 4          | 2709.555   | -47.07      | -25         | Pass   |

-The End-