

# 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      | 23.86                 | 3.00       | 26.86      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.84                 | 3.00       | 26.84      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.78                 | 3.00       | 26.78      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 23.25                 | 3.00       | 26.25      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 23.26                 | 3.00       | 26.26      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.25                 | 3.00       | 26.25      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 23.27                 | 3.00       | 26.27      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 23.95                 | 3.00       | 26.95      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.94                 | 3.00       | 26.94      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.89                 | 3.00       | 26.89      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 23.13                 | 3.00       | 26.13      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 23.14                 | 3.00       | 26.14      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.11                 | 3.00       | 26.11      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 23.12                 | 3.00       | 26.12      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 23.85                 | 3.00       | 26.85      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.91                 | 3.00       | 26.91      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.82                 | 3.00       | 26.82      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.94                 | 3.00       | 25.94      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.98                 | 3.00       | 25.98      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.97                 | 3.00       | 25.97      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.98                 | 3.00       | 25.98      | <=33.01 | Pass    |
| 16QAM                             | 2498.5          | 1             | 0      | 23.17                 | 3.00       | 26.17      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.23                 | 3.00       | 26.23      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.25                 | 3.00       | 26.25      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.30                 | 3.00       | 25.30      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.32                 | 3.00       | 25.32      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.23                 | 3.00       | 25.23      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.28                 | 3.00       | 25.28      | <=33.01 | Pass    |
|                                   | 2593            | 1             | 0      | 23.20                 | 3.00       | 26.20      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.11                 | 3.00       | 26.11      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.06                 | 3.00       | 26.06      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.10                 | 3.00       | 25.10      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.16                 | 3.00       | 25.16      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.14                 | 3.00       | 25.14      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.10                 | 3.00       | 25.10      | <=33.01 | Pass    |
|                                   | 2687.5          | 1             | 0      | 22.86                 | 3.00       | 25.86      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.96                 | 3.00       | 25.96      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.93                 | 3.00       | 25.93      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.85                 | 3.00       | 24.85      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.00                 | 3.00       | 25.00      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.95                 | 3.00       | 24.95      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.97                 | 3.00       | 24.97      | <=33.01 | Pass    |
| 64QAM                             | 2498.5          | 1             | 0      | 23.18                 | 3.00       | 26.18      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 23.10                 | 3.00       | 26.10      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.12                 | 3.00       | 26.12      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.29                 | 3.00       | 25.29      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.29                 | 3.00       | 25.29      | <=33.01 | Pass    |

|                                          |      |        |      |       |         |       |         |         |
|------------------------------------------|------|--------|------|-------|---------|-------|---------|---------|
|                                          |      |        | 13   | 22.31 | 3.00    | 25.31 | <=33.01 | Pass    |
|                                          |      | 25     | 0    | 22.30 | 3.00    | 25.30 | <=33.01 | Pass    |
|                                          | 2593 | 1      | 0    | 23.08 | 3.00    | 26.08 | <=33.01 | Pass    |
|                                          |      |        | 13   | 22.94 | 3.00    | 25.94 | <=33.01 | Pass    |
|                                          |      |        | 24   | 22.97 | 3.00    | 25.97 | <=33.01 | Pass    |
|                                          |      | 12     | 0    | 22.20 | 3.00    | 25.20 | <=33.01 | Pass    |
|                                          |      |        | 6    | 22.11 | 3.00    | 25.11 | <=33.01 | Pass    |
|                                          |      |        | 13   | 22.13 | 3.00    | 25.13 | <=33.01 | Pass    |
|                                          |      |        | 25   | 0     | 22.12   | 3.00  | 25.12   | <=33.01 |
|                                          |      | 2687.5 | 1    | 0     | 22.84   | 3.00  | 25.84   | <=33.01 |
|                                          | 13   |        |      | 22.84 | 3.00    | 25.84 | <=33.01 | Pass    |
|                                          | 24   |        |      | 22.79 | 3.00    | 25.79 | <=33.01 | Pass    |
|                                          | 12   |        | 0    | 21.94 | 3.00    | 24.94 | <=33.01 | Pass    |
|                                          |      |        | 6    | 22.04 | 3.00    | 25.04 | <=33.01 | Pass    |
|                                          |      |        | 13   | 21.99 | 3.00    | 24.99 | <=33.01 | Pass    |
| 25                                       | 0    | 21.97  | 3.00 | 24.97 | <=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      | 23.97                 | 3.00       | 26.97      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.96                 | 3.00       | 26.96      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.91                 | 3.00       | 26.91      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 23.42                 | 3.00       | 26.42      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 23.41                 | 3.00       | 26.41      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.38                 | 3.00       | 26.38      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 23.40                 | 3.00       | 26.40      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 23.95                 | 3.00       | 26.95      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.86                 | 3.00       | 26.86      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.93                 | 3.00       | 26.93      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 23.11                 | 3.00       | 26.11      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 23.18                 | 3.00       | 26.18      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.12                 | 3.00       | 26.12      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 23.19                 | 3.00       | 26.19      | <=33.01 | Pass    |
|                                    | 2685            | 1             | 0      | 23.82                 | 3.00       | 26.82      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.89                 | 3.00       | 26.89      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.84                 | 3.00       | 26.84      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.92                 | 3.00       | 25.92      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 23.00                 | 3.00       | 26.00      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.97                 | 3.00       | 25.97      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.99                 | 3.00       | 25.99      | <=33.01 | Pass    |
| 16QAM                              | 2501            | 1             | 0      | 23.35                 | 3.00       | 26.35      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.25                 | 3.00       | 26.25      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.13                 | 3.00       | 26.13      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.39                 | 3.00       | 25.39      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.42                 | 3.00       | 25.42      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.37                 | 3.00       | 25.37      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.36                 | 3.00       | 25.36      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 23.19                 | 3.00       | 26.19      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.10                 | 3.00       | 26.10      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.00                 | 3.00       | 26.00      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.10                 | 3.00       | 25.10      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.16                 | 3.00       | 25.16      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.10                 | 3.00       | 25.10      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.20                 | 3.00       | 25.20      | <=33.01 | Pass    |

|                                          |       |       |       |       |       |         |         |       |         |      |
|------------------------------------------|-------|-------|-------|-------|-------|---------|---------|-------|---------|------|
|                                          | 2685  | 1     | 0     | 22.93 | 3.00  | 25.93   | <=33.01 | Pass  |         |      |
|                                          |       |       | 25    | 23.03 | 3.00  | 26.03   | <=33.01 | Pass  |         |      |
|                                          |       |       | 49    | 22.96 | 3.00  | 25.96   | <=33.01 | Pass  |         |      |
|                                          |       | 25    | 0     | 21.92 | 3.00  | 24.92   | <=33.01 | Pass  |         |      |
|                                          |       |       | 13    | 21.99 | 3.00  | 24.99   | <=33.01 | Pass  |         |      |
|                                          |       |       | 25    | 22.00 | 3.00  | 25.00   | <=33.01 | Pass  |         |      |
|                                          |       | 50    | 0     | 21.99 | 3.00  | 24.99   | <=33.01 | Pass  |         |      |
|                                          |       | 64QAM | 2501  | 1     | 0     | 23.38   | 3.00    | 26.38 | <=33.01 | Pass |
|                                          |       |       |       |       | 25    | 23.25   | 3.00    | 26.25 | <=33.01 | Pass |
| 49                                       | 23.27 |       |       |       | 3.00  | 26.27   | <=33.01 | Pass  |         |      |
| 25                                       | 0     |       |       | 22.39 | 3.00  | 25.39   | <=33.01 | Pass  |         |      |
|                                          | 13    |       |       | 22.41 | 3.00  | 25.41   | <=33.01 | Pass  |         |      |
|                                          | 25    |       |       | 22.35 | 3.00  | 25.35   | <=33.01 | Pass  |         |      |
| 50                                       | 0     |       |       | 22.43 | 3.00  | 25.43   | <=33.01 | Pass  |         |      |
| 2593                                     | 1     |       | 0     | 22.96 | 3.00  | 25.96   | <=33.01 | Pass  |         |      |
|                                          |       |       | 25    | 23.11 | 3.00  | 26.11   | <=33.01 | Pass  |         |      |
|                                          |       |       | 49    | 22.88 | 3.00  | 25.88   | <=33.01 | Pass  |         |      |
|                                          | 25    |       | 0     | 22.09 | 3.00  | 25.09   | <=33.01 | Pass  |         |      |
|                                          |       |       | 13    | 22.15 | 3.00  | 25.15   | <=33.01 | Pass  |         |      |
|                                          |       |       | 25    | 22.11 | 3.00  | 25.11   | <=33.01 | Pass  |         |      |
|                                          | 50    |       | 0     | 22.20 | 3.00  | 25.20   | <=33.01 | Pass  |         |      |
| 2685                                     | 1     |       | 0     | 22.77 | 3.00  | 25.77   | <=33.01 | Pass  |         |      |
|                                          |       |       | 25    | 22.94 | 3.00  | 25.94   | <=33.01 | Pass  |         |      |
|                                          |       |       | 49    | 22.76 | 3.00  | 25.76   | <=33.01 | Pass  |         |      |
|                                          | 25    |       | 0     | 21.90 | 3.00  | 24.90   | <=33.01 | Pass  |         |      |
|                                          |       | 13    | 21.96 | 3.00  | 24.96 | <=33.01 | Pass    |       |         |      |
|                                          |       | 25    | 21.97 | 3.00  | 24.97 | <=33.01 | Pass    |       |         |      |
|                                          | 50    | 0     | 21.94 | 3.00  | 24.94 | <=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      | 23.99                 | 3.00       | 26.99      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.95                 | 3.00       | 26.95      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.98                 | 3.00       | 26.98      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 23.39                 | 3.00       | 26.39      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 23.41                 | 3.00       | 26.41      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 23.41                 | 3.00       | 26.41      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 23.38                 | 3.00       | 26.38      | <=33.01 | Pass    |
|                                    | 2593            | 1             | 0      | 23.98                 | 3.00       | 26.98      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.88                 | 3.00       | 26.88      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.93                 | 3.00       | 26.93      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 23.15                 | 3.00       | 26.15      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 23.21                 | 3.00       | 26.21      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 23.14                 | 3.00       | 26.14      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 23.15                 | 3.00       | 26.15      | <=33.01 | Pass    |
|                                    | 2682.5          | 1             | 0      | 23.88                 | 3.00       | 26.88      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.88                 | 3.00       | 26.88      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.87                 | 3.00       | 26.87      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.91                 | 3.00       | 25.91      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 22.98                 | 3.00       | 25.98      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 22.98                 | 3.00       | 25.98      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.97                 | 3.00       | 25.97      | <=33.01 | Pass    |
| 16QAM                              | 2503.5          | 1             | 0      | 23.33                 | 3.00       | 26.33      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 23.41                 | 3.00       | 26.41      | <=33.01 | Pass    |

|                                          |       |        |    |       |       |       |         |         |      |
|------------------------------------------|-------|--------|----|-------|-------|-------|---------|---------|------|
|                                          |       | 36     | 74 | 23.22 | 3.00  | 26.22 | <=33.01 | Pass    |      |
|                                          |       |        | 0  | 22.38 | 3.00  | 25.38 | <=33.01 | Pass    |      |
|                                          |       |        | 18 | 22.43 | 3.00  | 25.43 | <=33.01 | Pass    |      |
|                                          |       |        | 39 | 22.43 | 3.00  | 25.43 | <=33.01 | Pass    |      |
|                                          |       | 75     | 0  | 22.34 | 3.00  | 25.34 | <=33.01 | Pass    |      |
|                                          | 2593  | 1      | 0  | 23.13 | 3.00  | 26.13 | <=33.01 | Pass    |      |
|                                          |       |        | 38 | 23.26 | 3.00  | 26.26 | <=33.01 | Pass    |      |
|                                          |       |        | 74 | 23.08 | 3.00  | 26.08 | <=33.01 | Pass    |      |
|                                          |       | 36     | 0  | 22.11 | 3.00  | 25.11 | <=33.01 | Pass    |      |
|                                          |       |        | 18 | 22.17 | 3.00  | 25.17 | <=33.01 | Pass    |      |
|                                          |       |        | 39 | 22.12 | 3.00  | 25.12 | <=33.01 | Pass    |      |
|                                          |       | 75     | 0  | 22.18 | 3.00  | 25.18 | <=33.01 | Pass    |      |
|                                          |       | 2682.5 | 1  | 0     | 22.96 | 3.00  | 25.96   | <=33.01 | Pass |
|                                          | 38    |        |    | 22.89 | 3.00  | 25.89 | <=33.01 | Pass    |      |
|                                          | 74    |        |    | 22.92 | 3.00  | 25.92 | <=33.01 | Pass    |      |
|                                          | 36    |        | 0  | 21.92 | 3.00  | 24.92 | <=33.01 | Pass    |      |
|                                          |       |        | 18 | 22.01 | 3.00  | 25.01 | <=33.01 | Pass    |      |
|                                          |       |        | 39 | 21.95 | 3.00  | 24.95 | <=33.01 | Pass    |      |
|                                          | 75    |        | 0  | 21.97 | 3.00  | 24.97 | <=33.01 | Pass    |      |
|                                          | 64QAM | 2503.5 | 1  | 0     | 23.16 | 3.00  | 26.16   | <=33.01 | Pass |
|                                          |       |        |    | 38    | 23.27 | 3.00  | 26.27   | <=33.01 | Pass |
| 74                                       |       |        |    | 23.13 | 3.00  | 26.13 | <=33.01 | Pass    |      |
| 36                                       |       |        | 0  | 22.40 | 3.00  | 25.40 | <=33.01 | Pass    |      |
|                                          |       |        | 18 | 22.45 | 3.00  | 25.45 | <=33.01 | Pass    |      |
|                                          |       |        | 39 | 22.38 | 3.00  | 25.38 | <=33.01 | Pass    |      |
| 75                                       |       |        | 0  | 22.36 | 3.00  | 25.36 | <=33.01 | Pass    |      |
| 2593                                     |       | 1      | 0  | 23.04 | 3.00  | 26.04 | <=33.01 | Pass    |      |
|                                          |       |        | 38 | 23.19 | 3.00  | 26.19 | <=33.01 | Pass    |      |
|                                          |       |        | 74 | 22.82 | 3.00  | 25.82 | <=33.01 | Pass    |      |
|                                          |       | 36     | 0  | 22.17 | 3.00  | 25.17 | <=33.01 | Pass    |      |
|                                          |       |        | 18 | 22.18 | 3.00  | 25.18 | <=33.01 | Pass    |      |
|                                          |       |        | 39 | 22.16 | 3.00  | 25.16 | <=33.01 | Pass    |      |
|                                          |       | 75     | 0  | 22.13 | 3.00  | 25.13 | <=33.01 | Pass    |      |
| 2682.5                                   |       | 1      | 0  | 22.83 | 3.00  | 25.83 | <=33.01 | Pass    |      |
|                                          |       |        | 38 | 22.81 | 3.00  | 25.81 | <=33.01 | Pass    |      |
|                                          |       |        | 74 | 22.93 | 3.00  | 25.93 | <=33.01 | Pass    |      |
|                                          |       | 36     | 0  | 21.93 | 3.00  | 24.93 | <=33.01 | Pass    |      |
|                                          |       |        | 18 | 22.00 | 3.00  | 25.00 | <=33.01 | Pass    |      |
|                                          |       |        | 39 | 21.99 | 3.00  | 24.99 | <=33.01 | Pass    |      |
|                                          |       | 75     | 0  | 21.93 | 3.00  | 24.93 | <=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      | 24.00                 | 3.00       | 27.00      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.98                 | 3.00       | 26.98      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.97                 | 3.00       | 26.97      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 23.09                 | 3.00       | 26.09      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 23.15                 | 3.00       | 26.15      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.10                 | 3.00       | 26.10      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 23.08                 | 3.00       | 26.08      | <=33.01 | Pass    |
|                                    |                 | 2593          | 0      | 23.99                 | 3.00       | 26.99      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.98                 | 3.00       | 26.98      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.81                 | 3.00       | 26.81      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 23.04                 | 3.00       | 26.04      | <=33.01 | Pass    |

|       |       |      |       |       |       |         |         |         |      |
|-------|-------|------|-------|-------|-------|---------|---------|---------|------|
|       |       | 100  | 25    | 23.01 | 3.00  | 26.01   | <=33.01 | Pass    |      |
|       |       |      | 50    | 23.05 | 3.00  | 26.05   | <=33.01 | Pass    |      |
|       |       |      | 0     | 23.00 | 3.00  | 26.00   | <=33.01 | Pass    |      |
|       | 2680  | 1    | 0     | 23.90 | 3.00  | 26.90   | <=33.01 | Pass    |      |
|       |       |      | 50    | 23.87 | 3.00  | 26.87   | <=33.01 | Pass    |      |
|       |       |      | 99    | 23.79 | 3.00  | 26.79   | <=33.01 | Pass    |      |
|       |       | 50   | 0     | 23.00 | 3.00  | 26.00   | <=33.01 | Pass    |      |
|       |       |      | 25    | 22.97 | 3.00  | 25.97   | <=33.01 | Pass    |      |
|       |       |      | 50    | 22.97 | 3.00  | 25.97   | <=33.01 | Pass    |      |
| 100   |       | 0    | 22.92 | 3.00  | 25.92 | <=33.01 | Pass    |         |      |
|       |       |      |       |       |       |         |         |         |      |
|       |       |      |       |       |       |         |         |         |      |
| 16QAM | 2506  | 1    | 0     | 23.94 | 3.00  | 26.94   | <=33.01 | Pass    |      |
|       |       |      | 50    | 23.96 | 3.00  | 26.96   | <=33.01 | Pass    |      |
|       |       |      | 99    | 23.91 | 3.00  | 26.91   | <=33.01 | Pass    |      |
|       |       | 50   | 0     | 23.41 | 3.00  | 26.41   | <=33.01 | Pass    |      |
|       |       |      | 25    | 23.45 | 3.00  | 26.45   | <=33.01 | Pass    |      |
|       |       |      | 50    | 23.41 | 3.00  | 26.41   | <=33.01 | Pass    |      |
|       |       |      | 100   | 0     | 23.31 | 3.00    | 26.31   | <=33.01 | Pass |
|       |       |      |       |       |       |         |         |         |      |
|       |       | 2593 | 1     | 0     | 23.86 | 3.00    | 26.86   | <=33.01 | Pass |
|       | 50    |      |       | 23.84 | 3.00  | 26.84   | <=33.01 | Pass    |      |
|       | 99    |      |       | 23.92 | 3.00  | 26.92   | <=33.01 | Pass    |      |
|       | 50    |      | 0     | 23.17 | 3.00  | 26.17   | <=33.01 | Pass    |      |
|       |       |      | 25    | 23.20 | 3.00  | 26.20   | <=33.01 | Pass    |      |
|       |       |      | 50    | 23.10 | 3.00  | 26.10   | <=33.01 | Pass    |      |
|       |       |      | 100   | 0     | 23.11 | 3.00    | 26.11   | <=33.01 | Pass |
|       | 2680  |      | 1     | 0     | 23.87 | 3.00    | 26.87   | <=33.01 | Pass |
|       |       |      |       | 50    | 23.83 | 3.00    | 26.83   | <=33.01 | Pass |
|       |       | 99   |       | 23.76 | 3.00  | 26.76   | <=33.01 | Pass    |      |
|       |       | 50   | 0     | 22.93 | 3.00  | 25.93   | <=33.01 | Pass    |      |
|       |       |      | 25    | 23.00 | 3.00  | 26.00   | <=33.01 | Pass    |      |
|       |       |      | 50    | 22.98 | 3.00  | 25.98   | <=33.01 | Pass    |      |
|       |       |      | 100   | 0     | 22.97 | 3.00    | 25.97   | <=33.01 | Pass |
|       |       |      |       |       |       |         |         |         |      |
|       |       |      |       |       |       |         |         |         |      |
|       | 64QAM | 2506 | 1     | 0     | 23.38 | 3.00    | 26.38   | <=33.01 | Pass |
|       |       |      |       | 50    | 23.36 | 3.00    | 26.36   | <=33.01 | Pass |
|       |       |      |       | 99    | 23.31 | 3.00    | 26.31   | <=33.01 | Pass |
| 50    |       |      | 0     | 22.41 | 3.00  | 25.41   | <=33.01 | Pass    |      |
|       |       |      | 25    | 22.42 | 3.00  | 25.42   | <=33.01 | Pass    |      |
|       |       |      | 50    | 22.37 | 3.00  | 25.37   | <=33.01 | Pass    |      |
|       |       |      | 100   | 0     | 22.32 | 3.00    | 25.32   | <=33.01 | Pass |
|       |       |      |       |       |       |         |         |         |      |
| 2593  |       |      | 1     | 0     | 23.16 | 3.00    | 26.16   | <=33.01 | Pass |
|       |       | 50   |       | 23.13 | 3.00  | 26.13   | <=33.01 | Pass    |      |
|       |       | 99   |       | 22.95 | 3.00  | 25.95   | <=33.01 | Pass    |      |
|       |       | 50   | 0     | 22.18 | 3.00  | 25.18   | <=33.01 | Pass    |      |
|       |       |      | 25    | 22.19 | 3.00  | 25.19   | <=33.01 | Pass    |      |
|       |       |      | 50    | 22.11 | 3.00  | 25.11   | <=33.01 | Pass    |      |
|       |       |      | 100   | 0     | 22.11 | 3.00    | 25.11   | <=33.01 | Pass |
|       |       | 2680 | 1     | 0     | 23.02 | 3.00    | 26.02   | <=33.01 | Pass |
|       |       |      |       | 50    | 23.02 | 3.00    | 26.02   | <=33.01 | Pass |
| 99    |       |      |       | 22.94 | 3.00  | 25.94   | <=33.01 | Pass    |      |
| 50    |       |      | 0     | 21.92 | 3.00  | 24.92   | <=33.01 | Pass    |      |
|       |       |      | 25    | 22.01 | 3.00  | 25.01   | <=33.01 | Pass    |      |
|       |       |      | 50    | 21.97 | 3.00  | 24.97   | <=33.01 | Pass    |      |
|       |       |      | 100   | 0     | 21.95 | 3.00    | 24.95   | <=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         | LV            | -2.200           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | HV            | -3.400           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | NV            | -2.400           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | NV            | 0.300            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | NV            | -1.500           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | NV            | -0.600           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | NV            | -2.800           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | NV            | -2.900           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | NV            | -0.900           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | NV            | -1.600           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | NV            | -3.300           | -0.0013               | -2.5 to 2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 Band41\_OBW

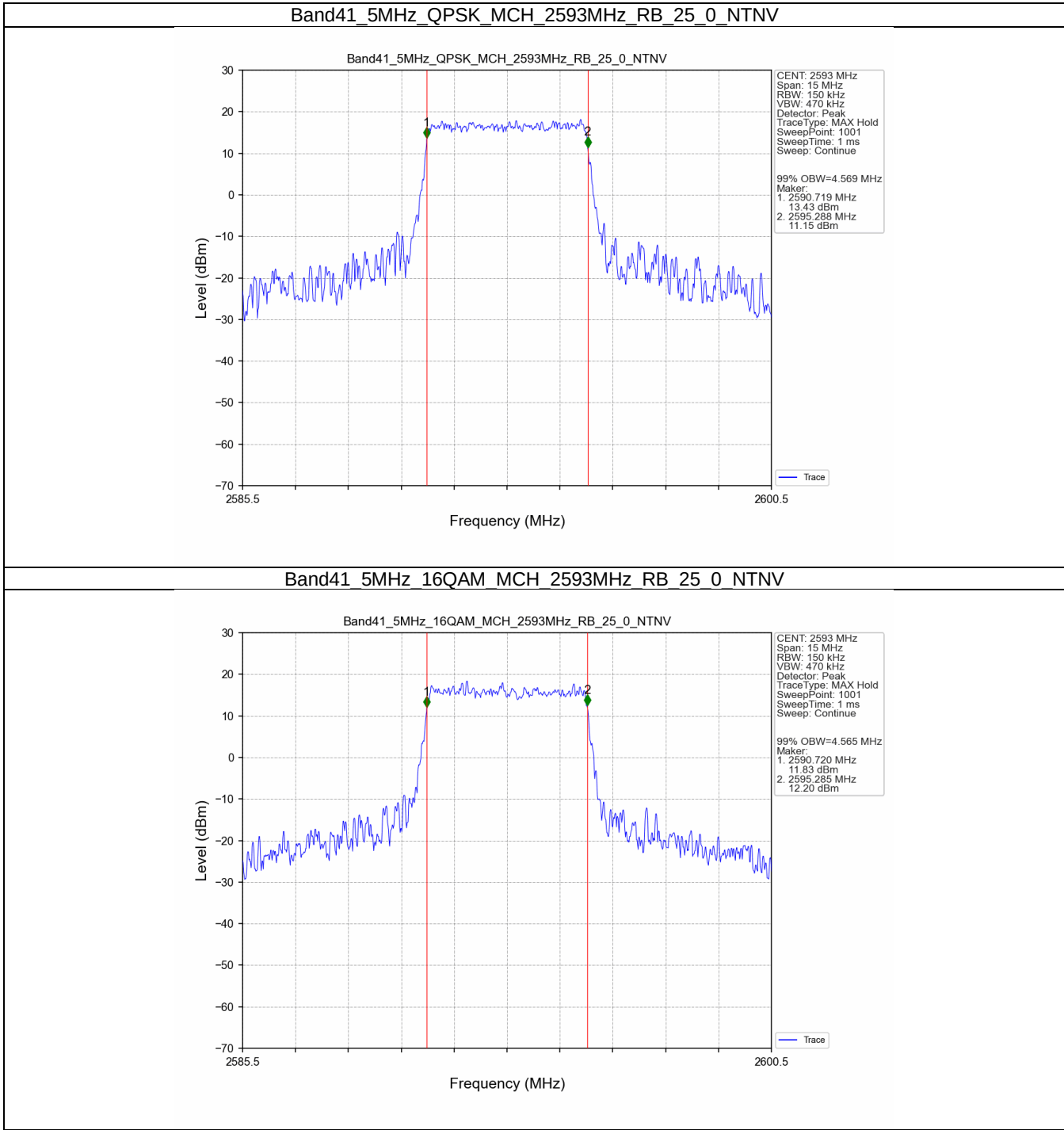
| Band: 41 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2593            | 25            | 0      | 4.569                        | /     | Pass    |
|                 | 16QAM      | 2593            | 25            | 0      | 4.565                        | /     | Pass    |
| 10              | QPSK       | 2593            | 50            | 0      | 9.090                        | /     | Pass    |
|                 | 16QAM      | 2593            | 50            | 0      | 9.097                        | /     | Pass    |
| 15              | QPSK       | 2593            | 75            | 0      | 13.648                       | /     | Pass    |
|                 | 16QAM      | 2593            | 75            | 0      | 13.647                       | /     | Pass    |
| 20              | QPSK       | 2593            | 100           | 0      | 18.159                       | /     | Pass    |
|                 | 16QAM      | 2593            | 100           | 0      | 18.160                       | /     | Pass    |

#### 3.1.2 Band41\_XDB

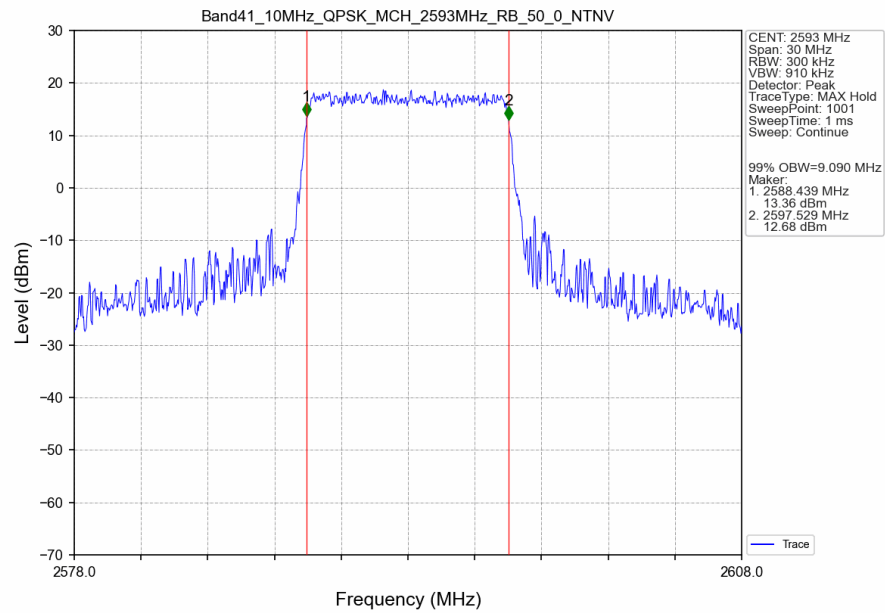
| Band: 41 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2593            | 25            | 0      | 5.409                | /     | Pass    |
|                 | 16QAM      | 2593            | 25            | 0      | 5.157                | /     | Pass    |
| 10              | QPSK       | 2593            | 50            | 0      | 10.767               | /     | Pass    |
|                 | 16QAM      | 2593            | 50            | 0      | 10.909               | /     | Pass    |
| 15              | QPSK       | 2593            | 75            | 0      | 15.473               | /     | Pass    |
|                 | 16QAM      | 2593            | 75            | 0      | 16.590               | /     | Pass    |
| 20              | QPSK       | 2593            | 100           | 0      | 20.660               | /     | Pass    |
|                 | 16QAM      | 2593            | 100           | 0      | 20.763               | /     | Pass    |

# 3.2 Test Graph

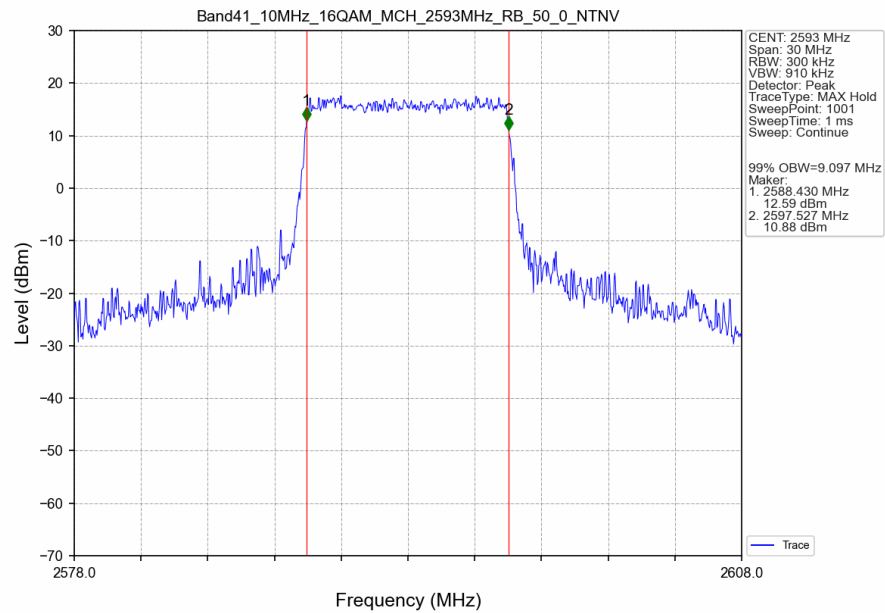
## 3.2.1 Band41\_OBW



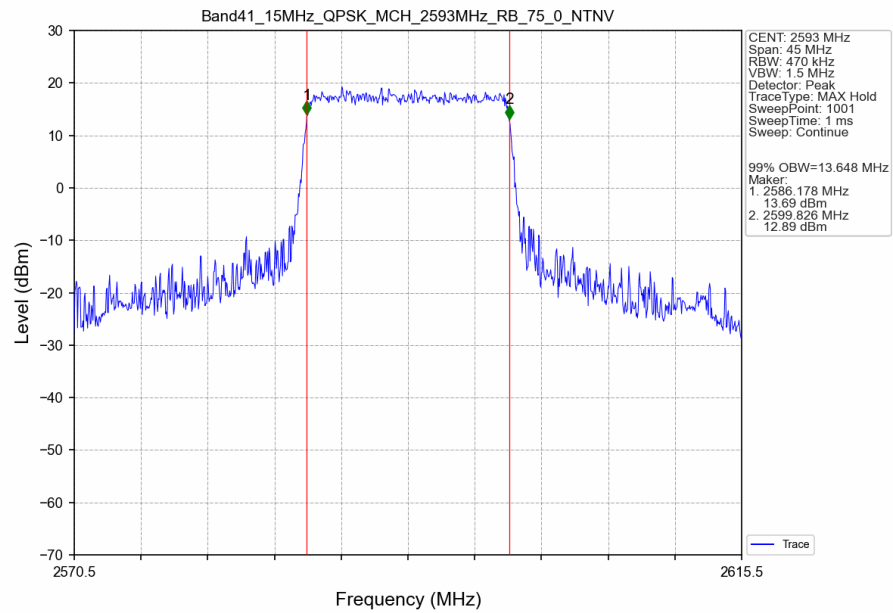
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



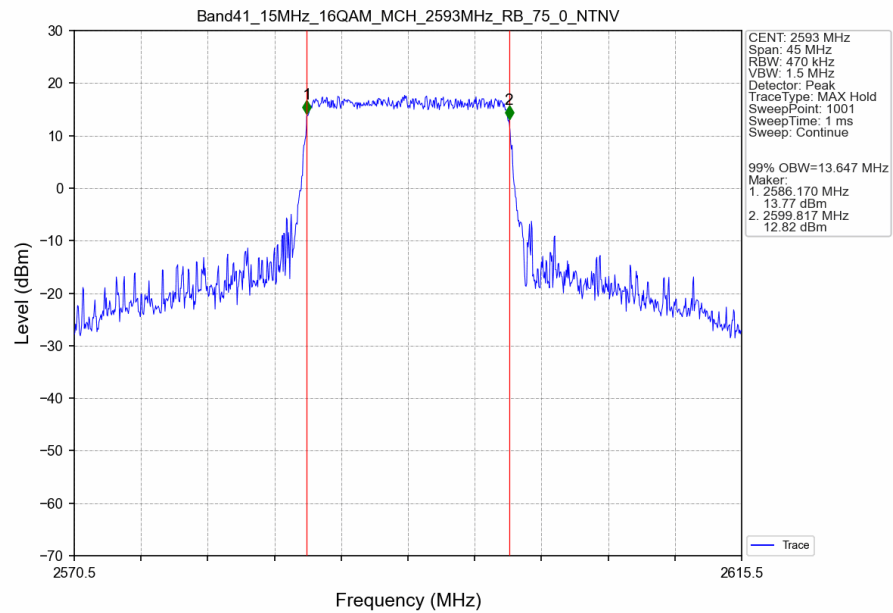
# Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



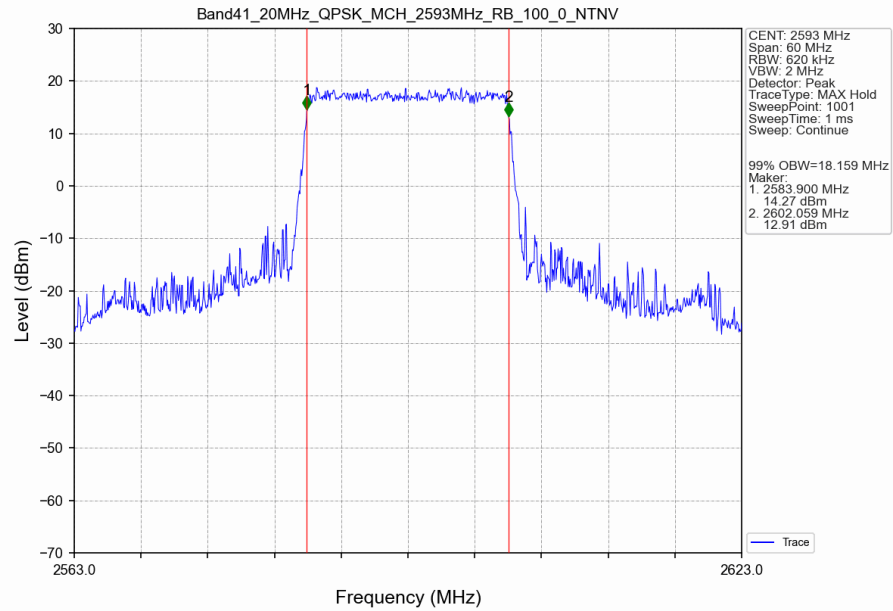
# Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



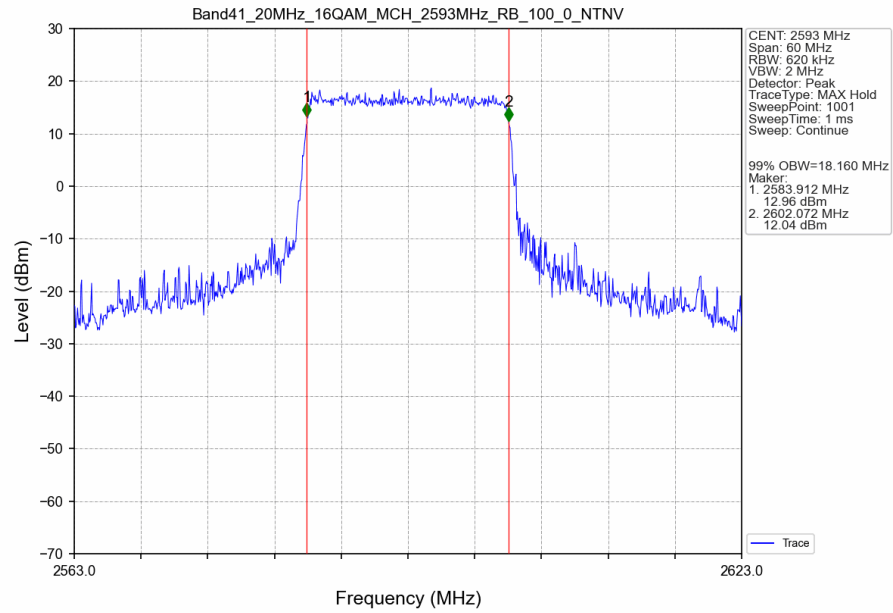
# Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



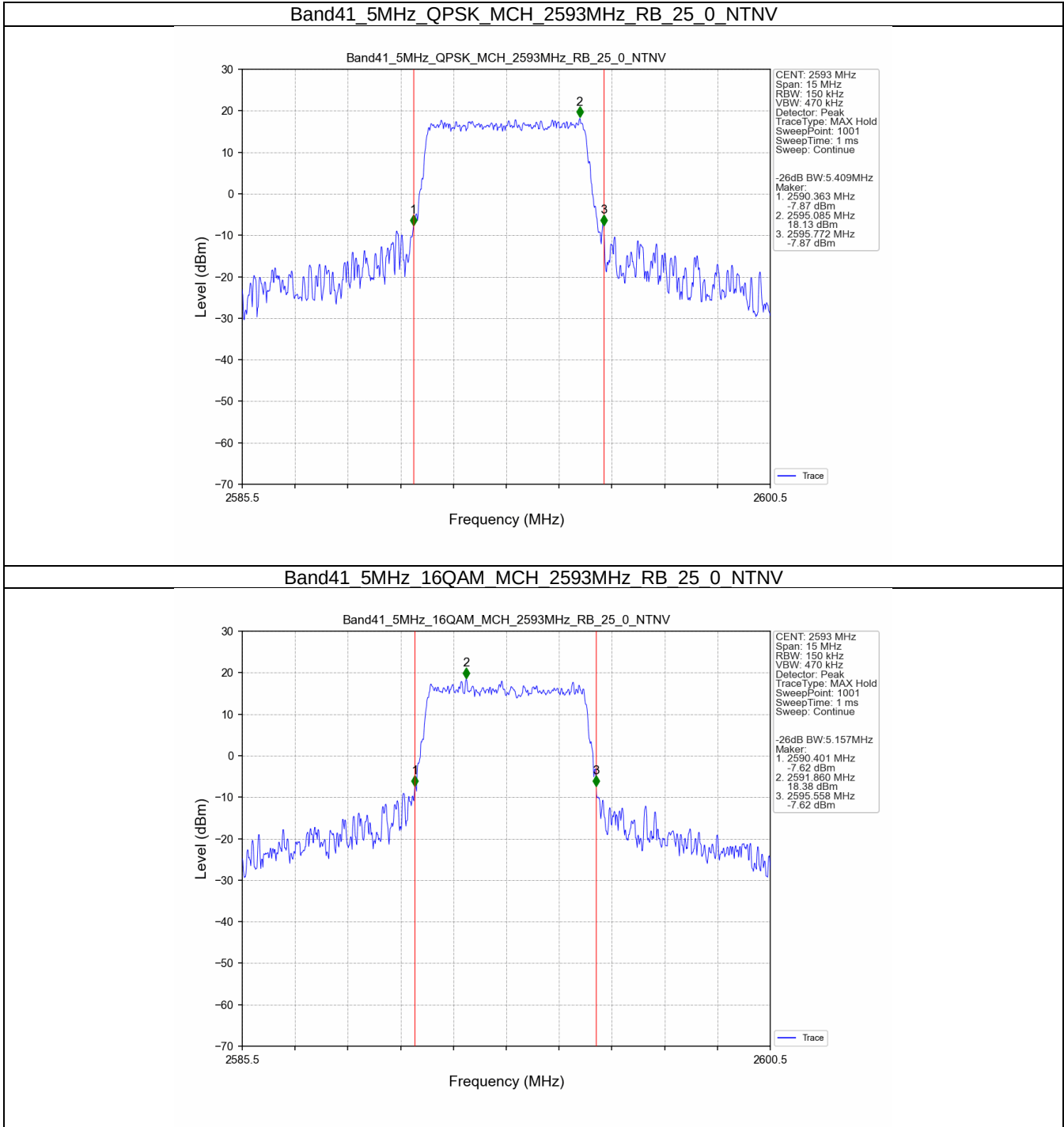
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



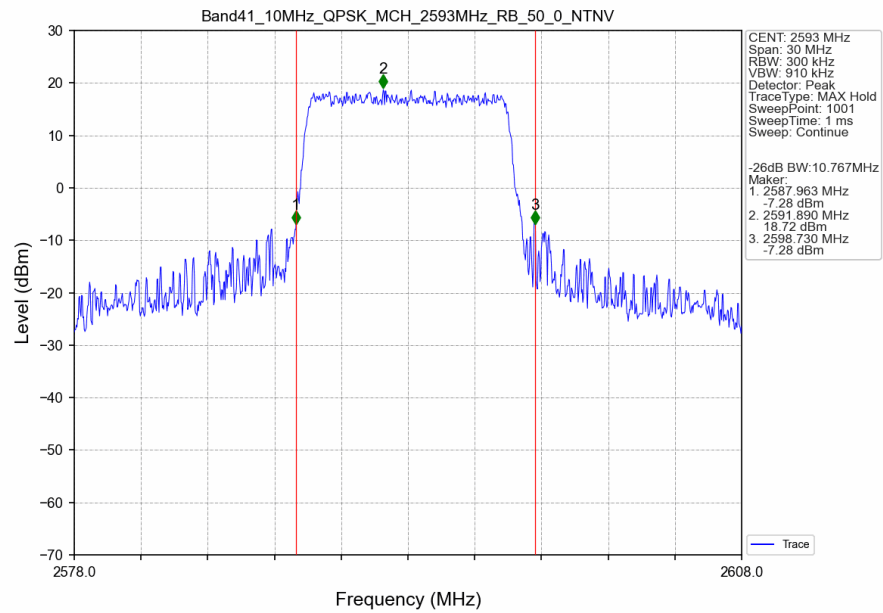
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



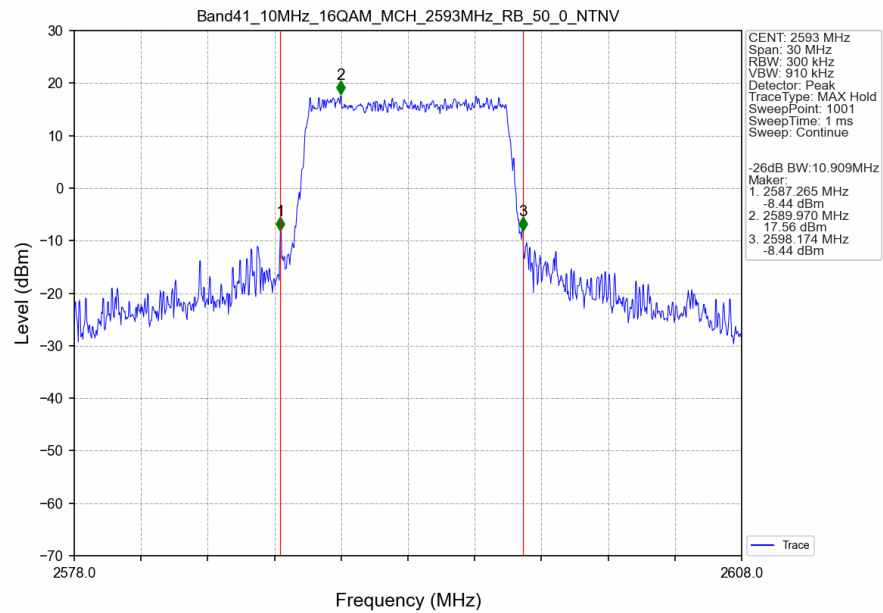
3.2.2 Band41\_XDB



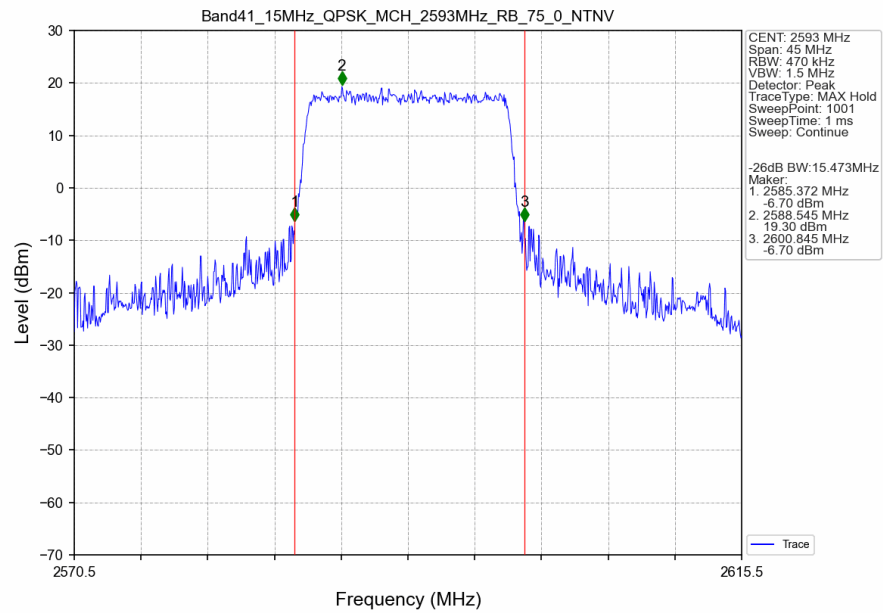
# Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



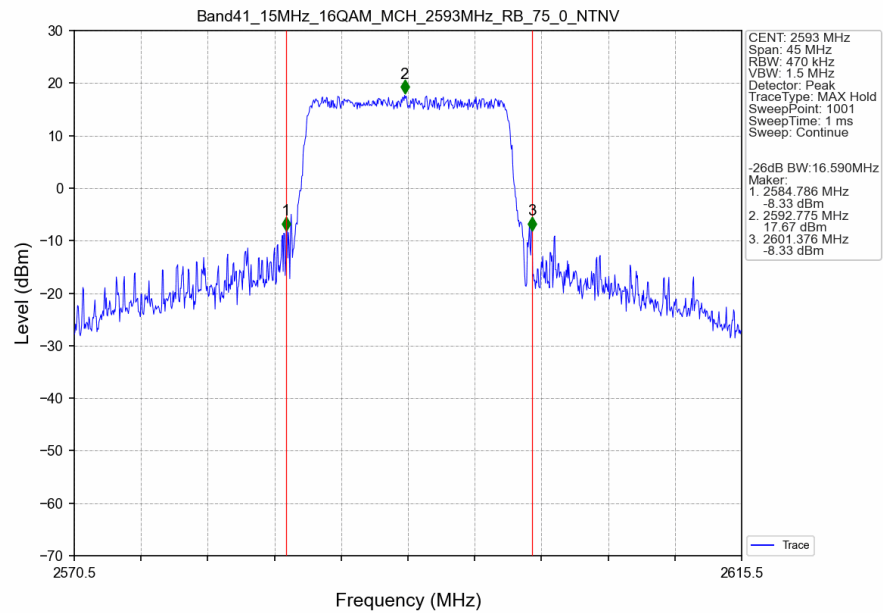
# Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



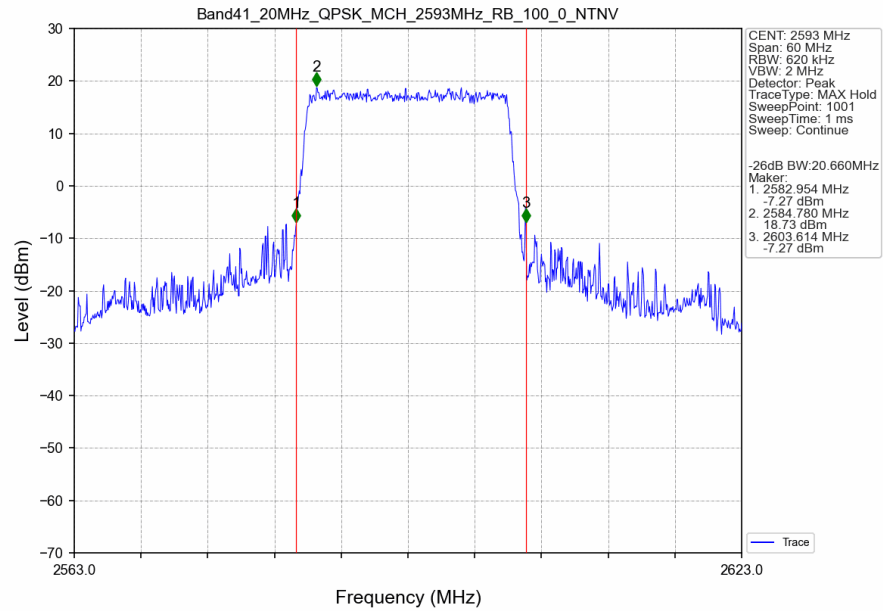
# Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



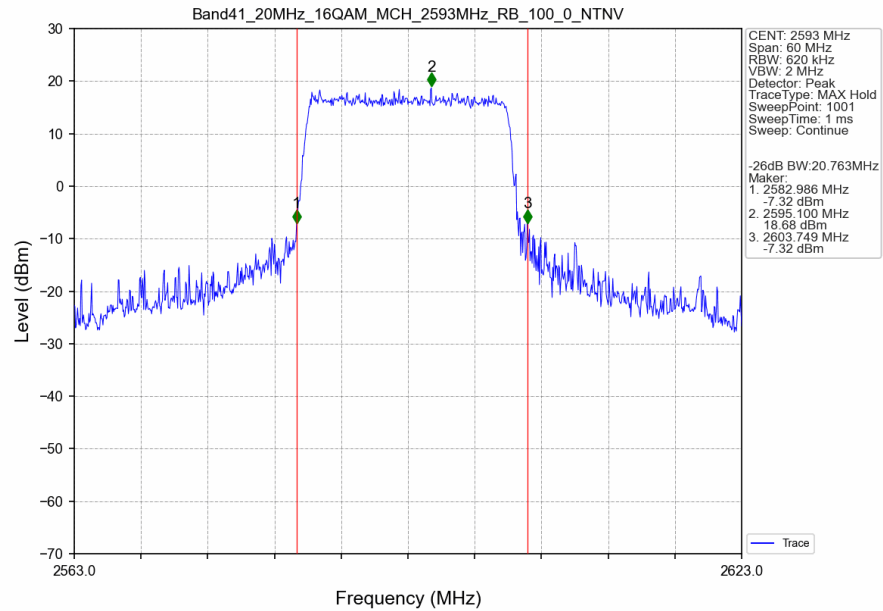
# Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

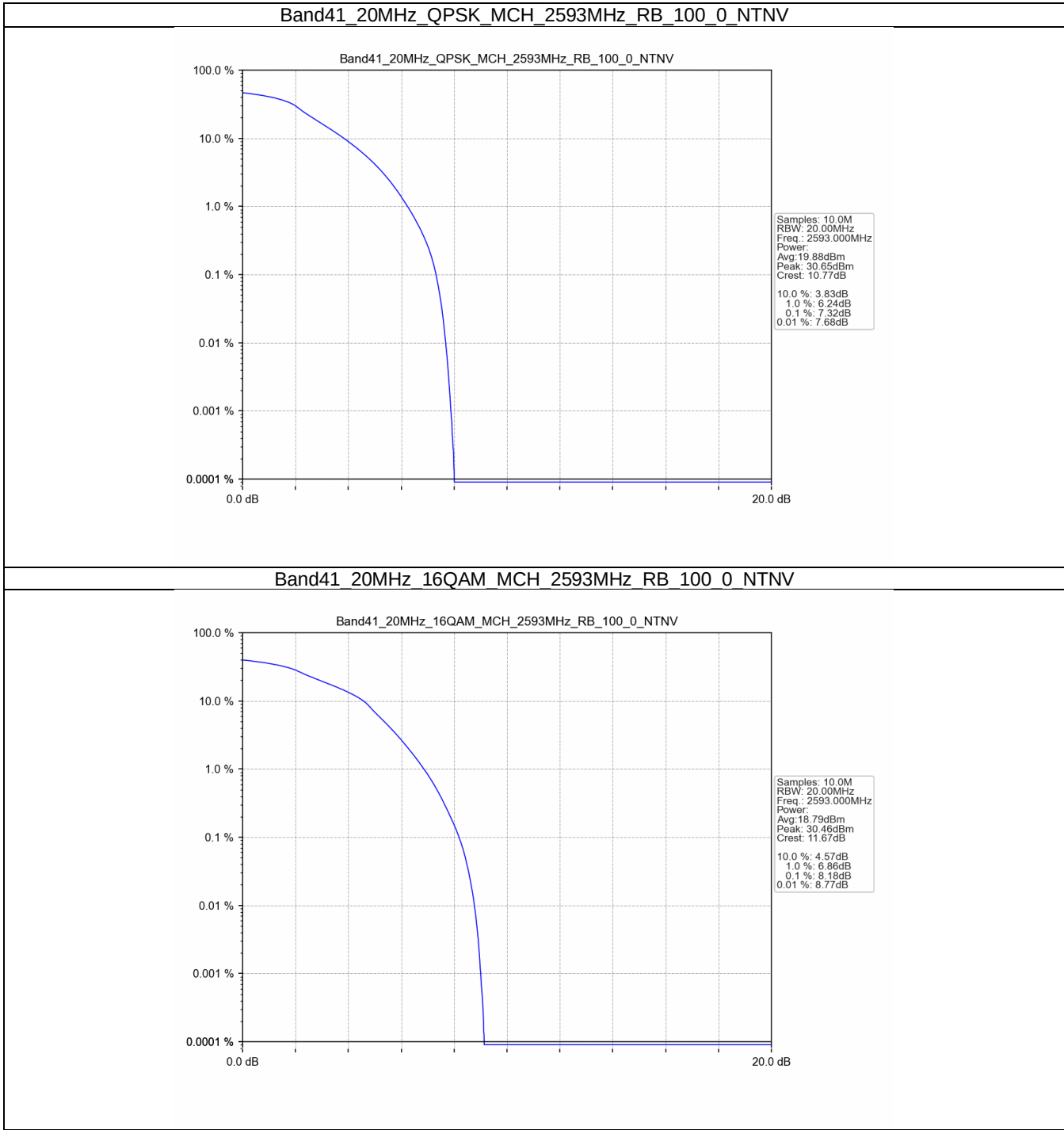
4.1 Test Result

4.1.1 B41\_20MHz

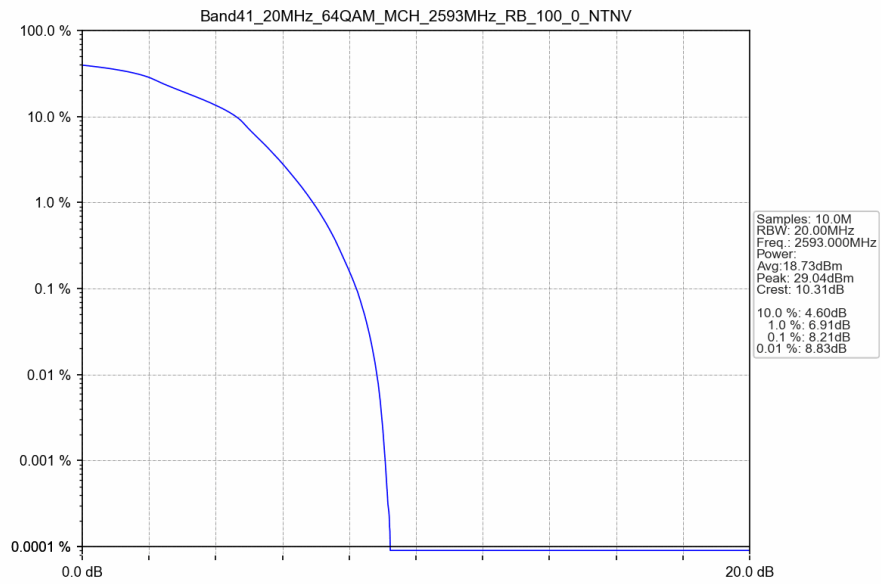
| Band: 41 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2593               | 100           | 0      | 7.32                    | <=13  | Pass    |
| 16QAM                              | 2593               | 100           | 0      | 8.18                    | <=13  | Pass    |
| 64QAM                              | 2593               | 100           | 0      | 8.21                    | <=13  | Pass    |

# 4.2 Test Graph

## 4.2.1 B41\_20MHz



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



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B41\_5MHz

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

#### 5.1.2 B41\_10MHz

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

#### 5.1.3 B41\_15MHz

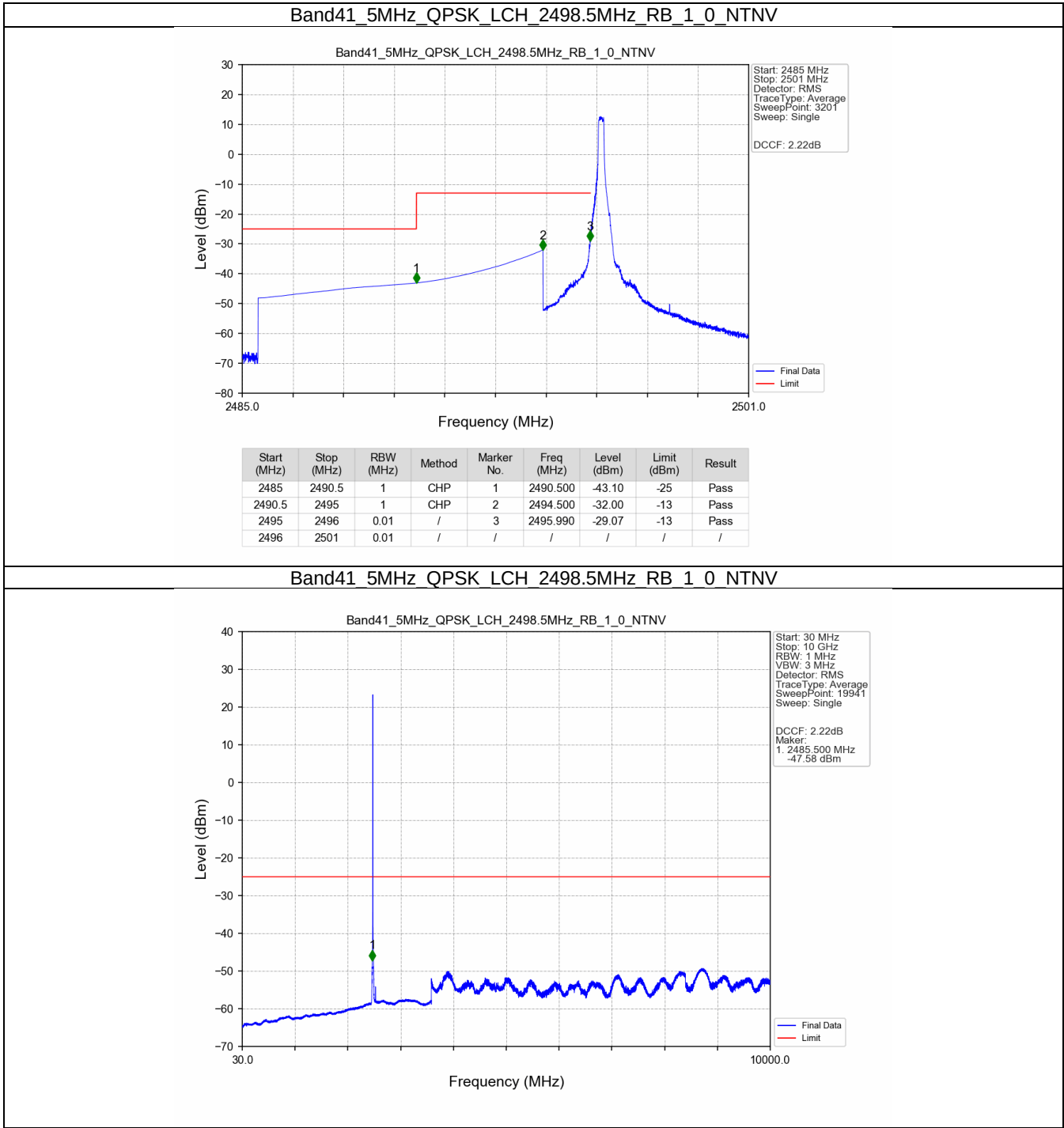
| Band: 41 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) |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

#### 5.1.4 B41\_20MHz

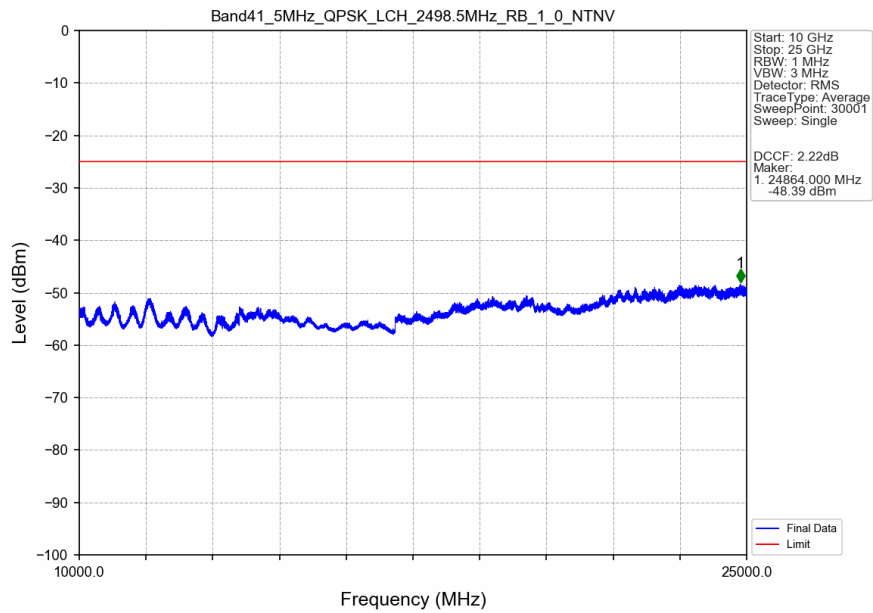
| Band: 41 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) |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

# 5.2 Test Graph

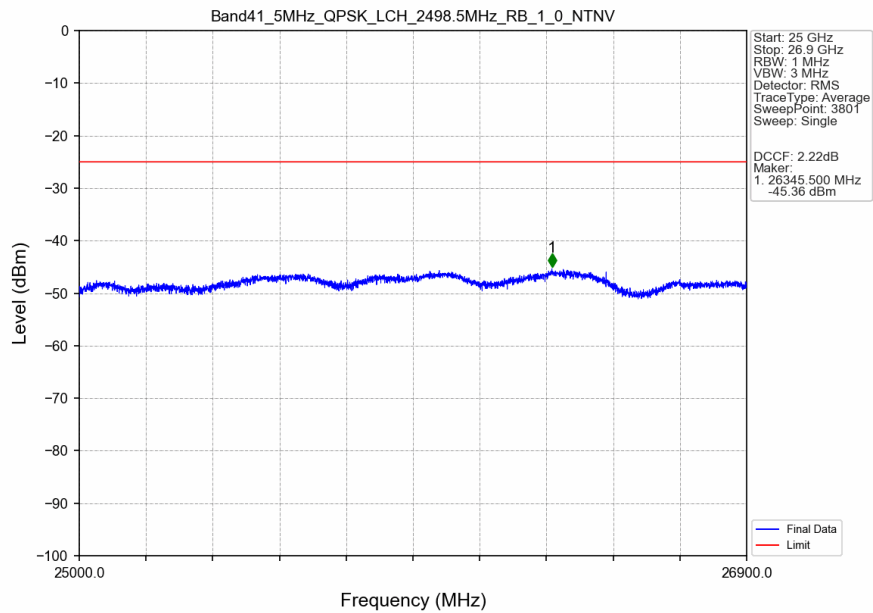
## 5.2.1 B41\_5MHz



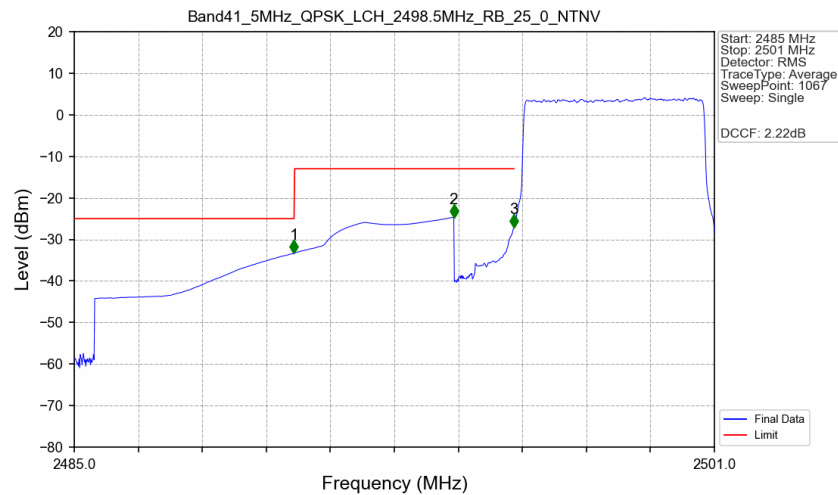
# Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTV



# Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTV

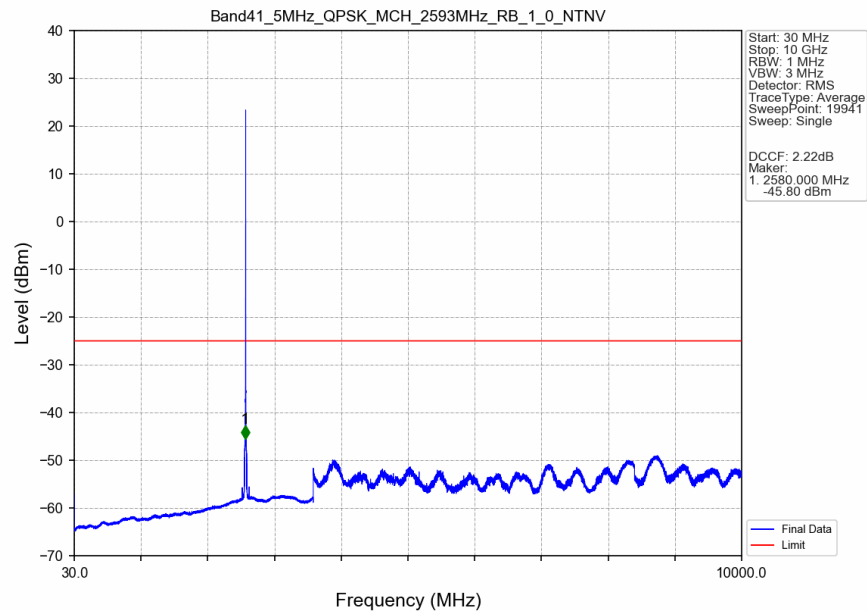


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTN

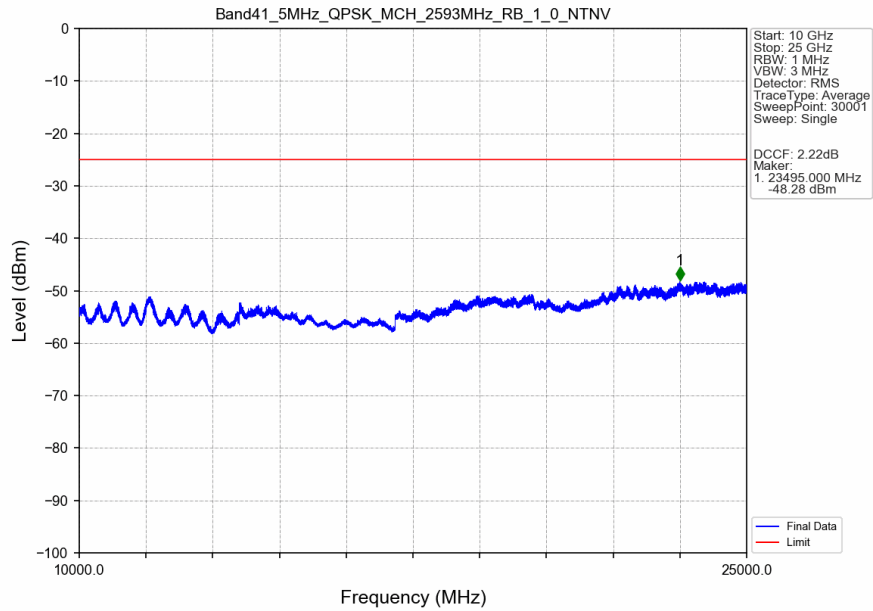


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.493   | -33.31      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.486   | -24.67      | -13         | Pass   |
| 2495        | 2496       | 0.052     | CHP    | 3          | 2495.987   | -27.15      | -13         | Pass   |
| 2496        | 2501       | 0.052     | CHP    | /          | /          | /           | /           | /      |

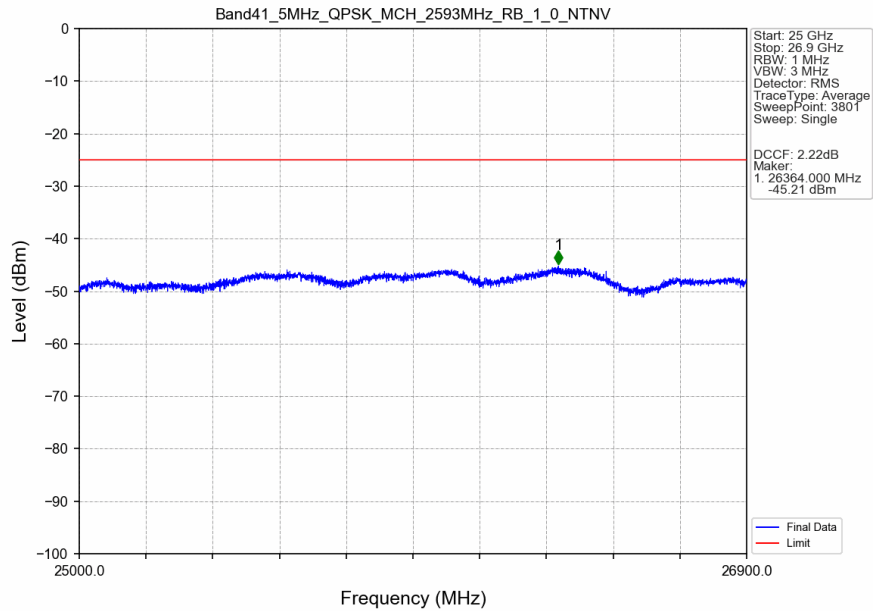
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



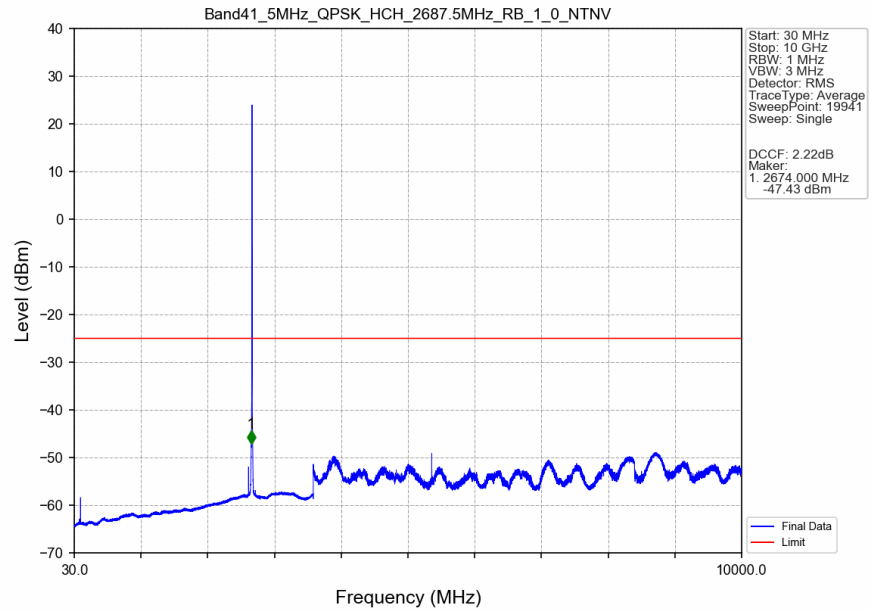
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



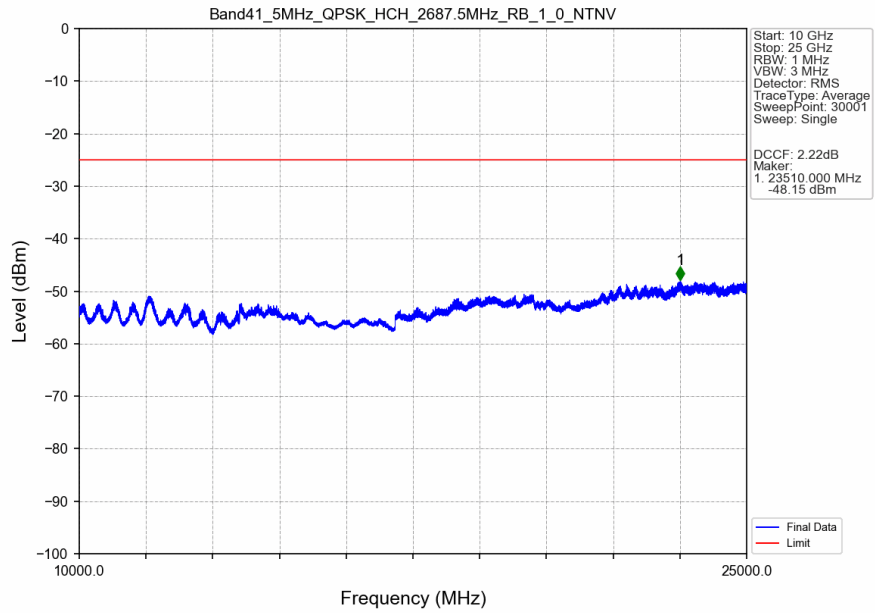
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



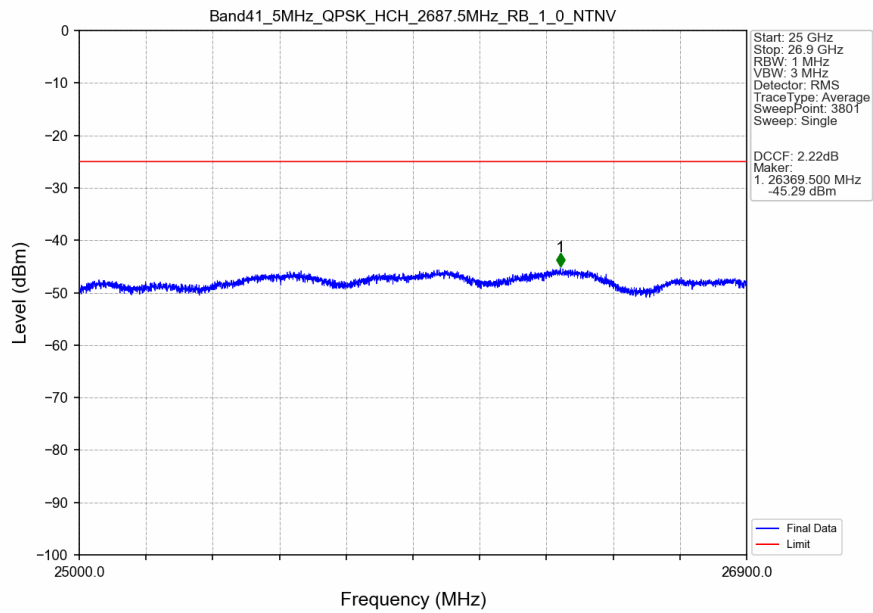
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



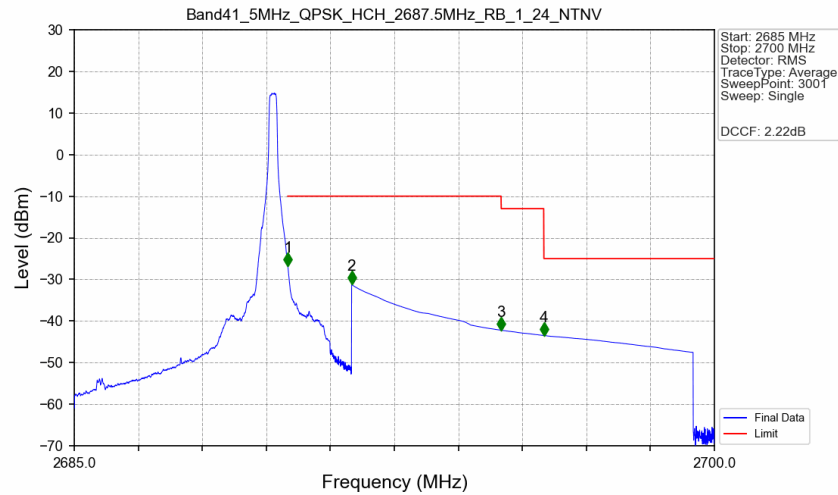
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



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

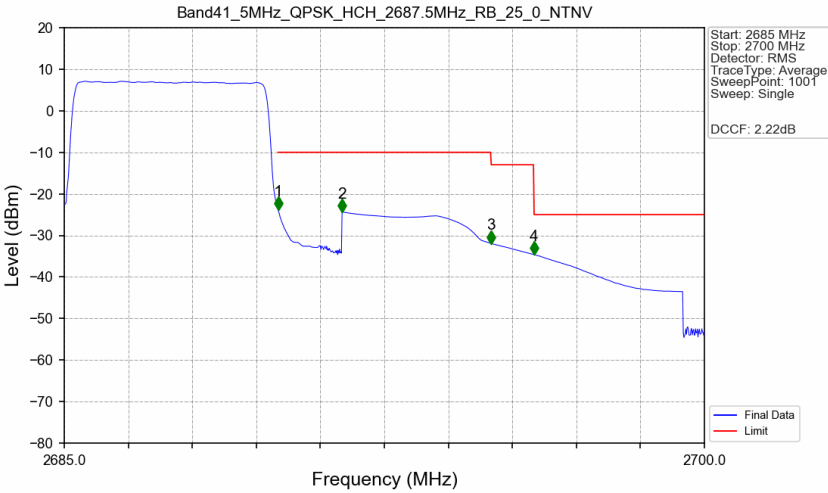


# Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_24\_NTV



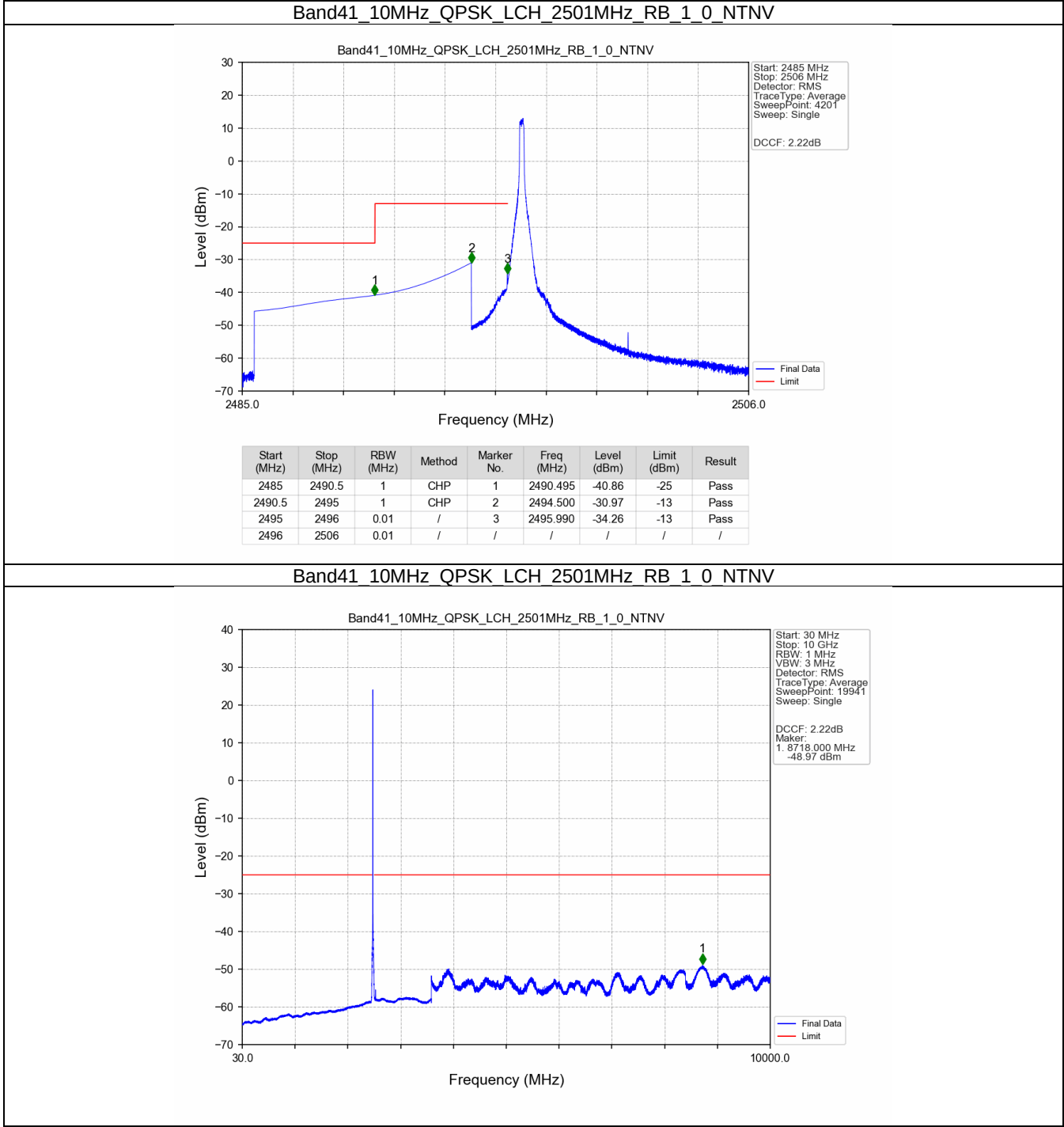
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2685        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.005   | -26.80      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -31.23      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.005   | -42.24      | -13         | Pass   |
| 2696        | 2700       | 1         | CHP    | 4          | 2696.005   | -43.50      | -25         | Pass   |

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV

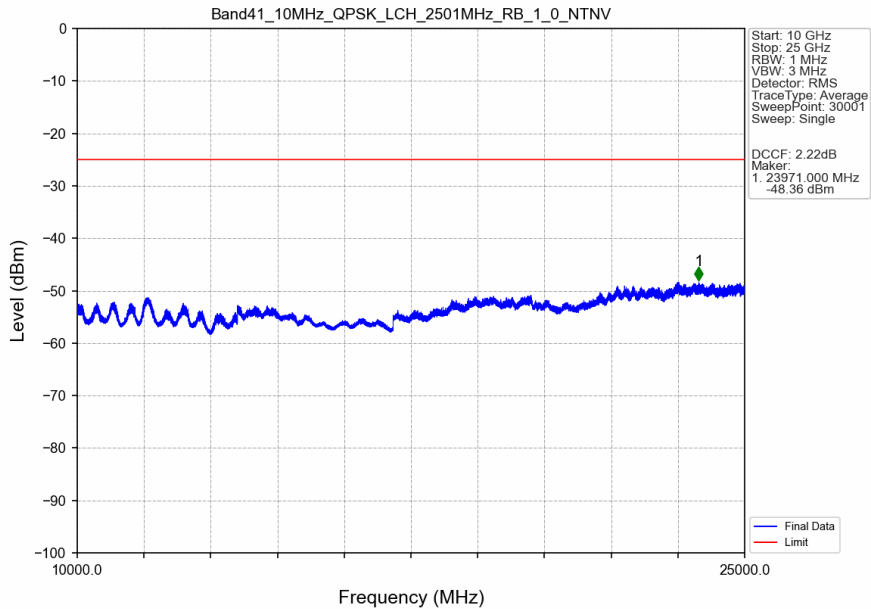


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2685        | 2690       | 0.108     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.108     | CHP    | 1          | 2690.010   | -23.80      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.510   | -24.35      | -10         | Pass   |
| 2695        | 2696       | 1         | CHP    | 3          | 2695.005   | -31.95      | -13         | Pass   |
| 2696        | 2700       | 1         | CHP    | 4          | 2696.010   | -34.65      | -25         | Pass   |

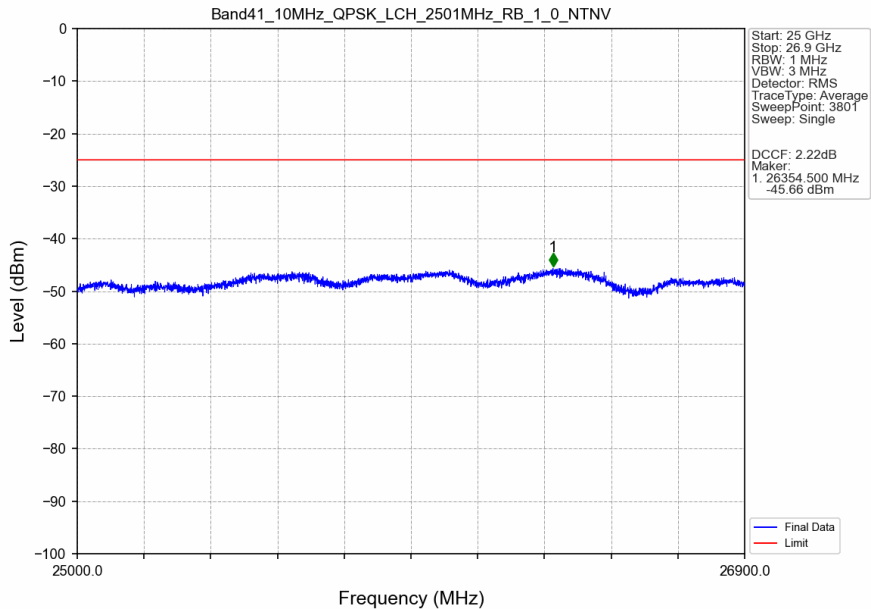
5.2.2 B41\_10MHz



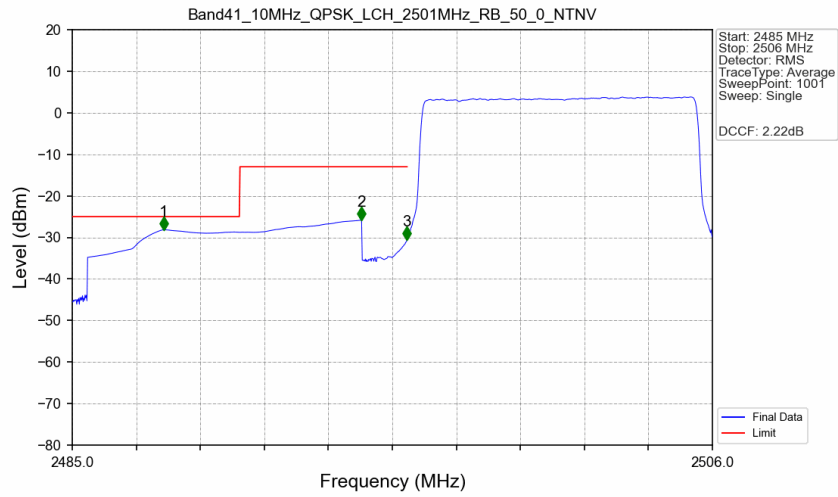
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



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

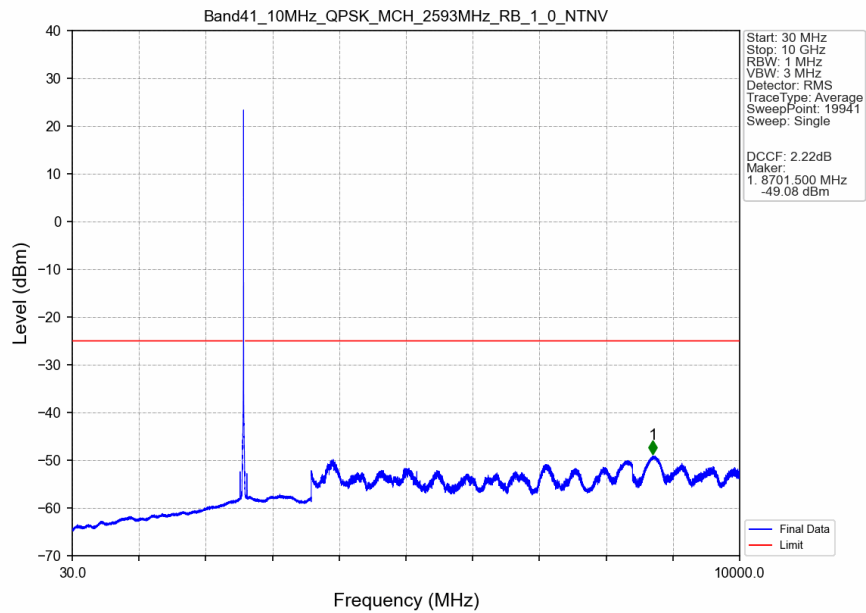


# Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV

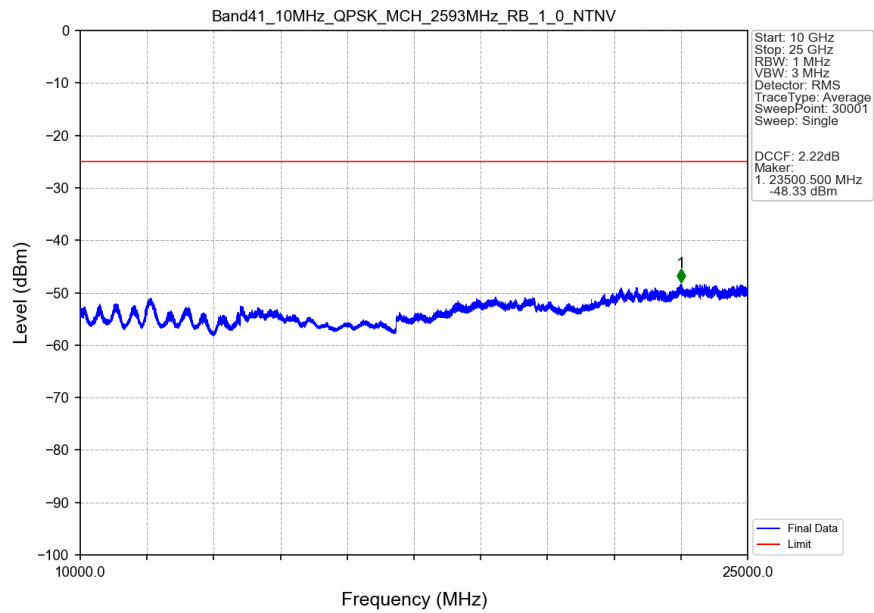


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2488.003   | -28.16      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.492   | -25.83      | -13         | Pass   |
| 2495        | 2496       | 0.108     | CHP    | 3          | 2495.983   | -30.55      | -13         | Pass   |
| 2496        | 2506       | 0.108     | CHP    | /          | /          | /           | /           | /      |

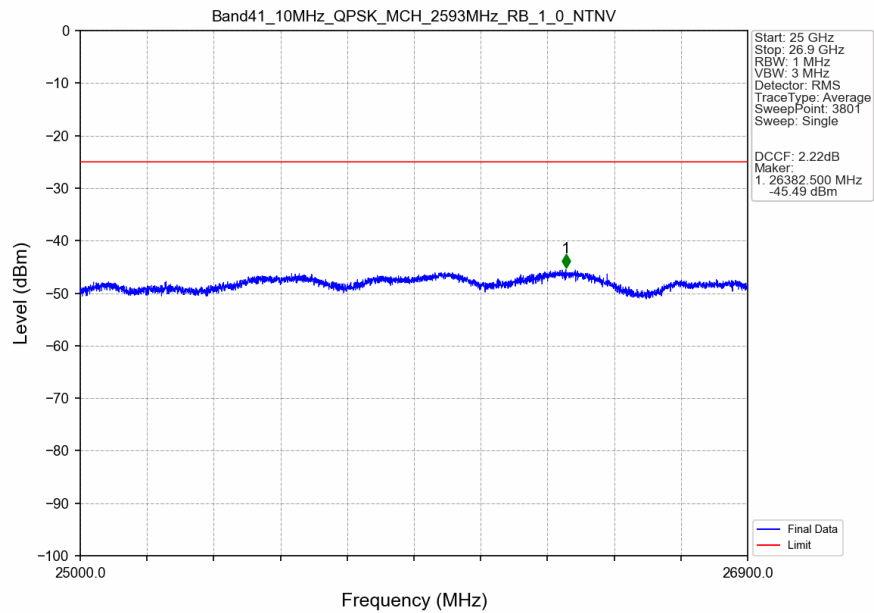
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



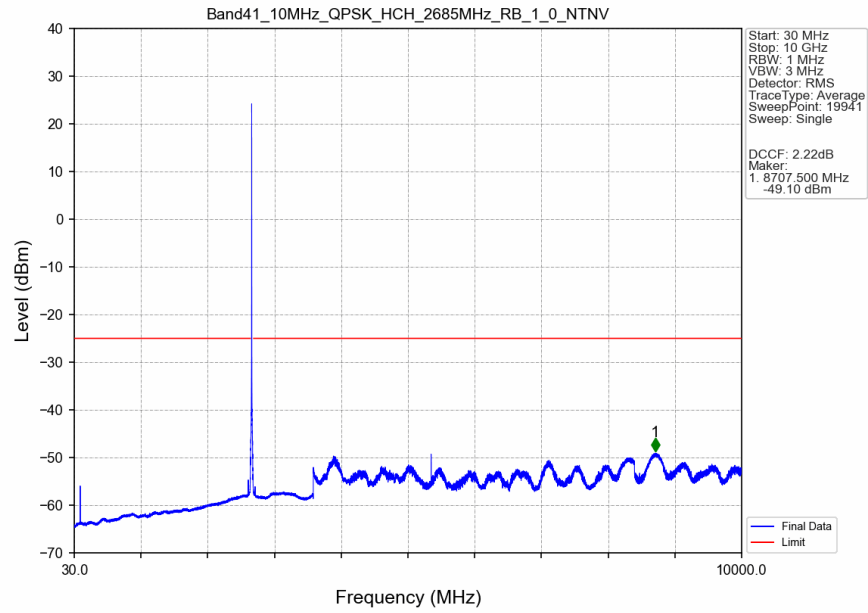
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



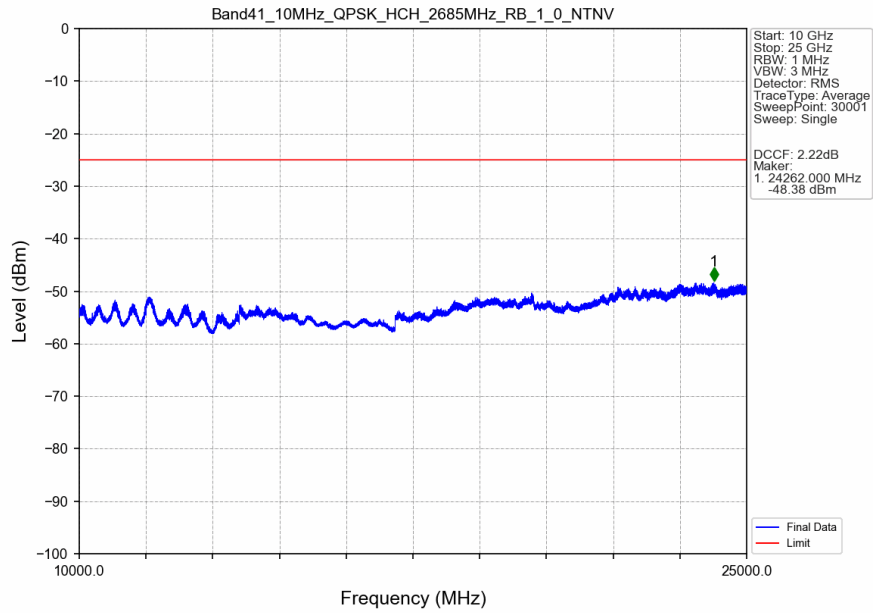
# Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



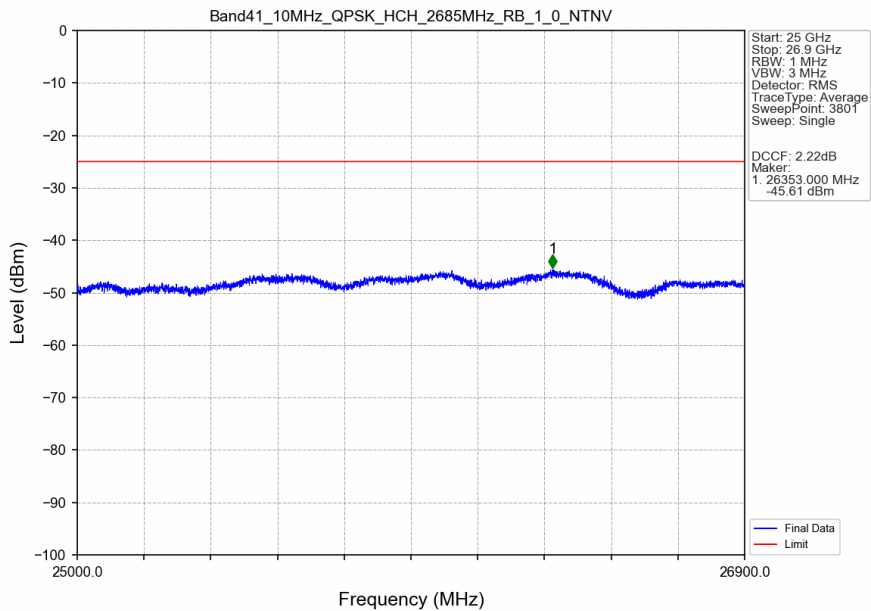
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



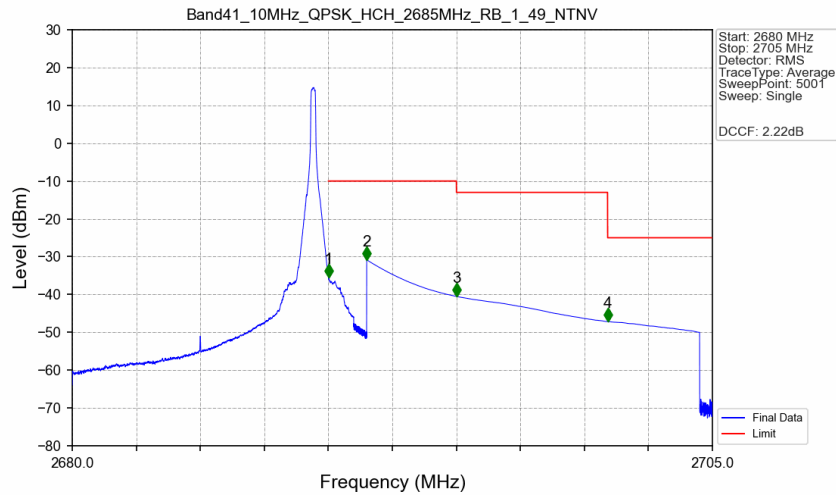
# Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV

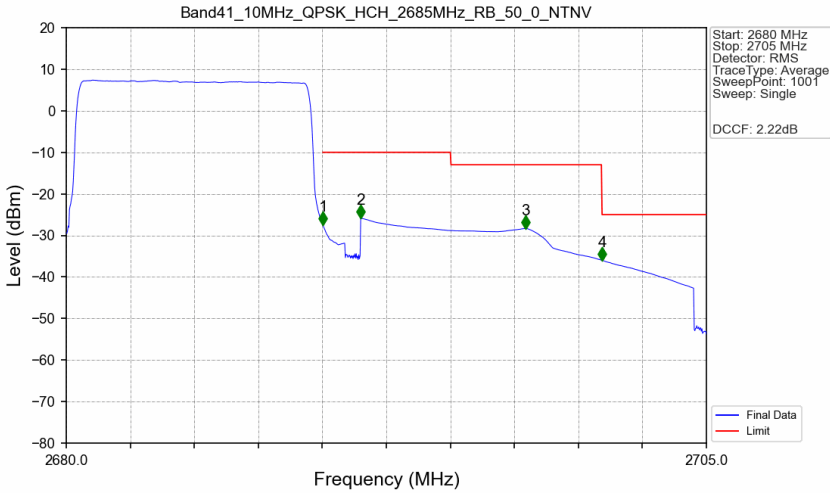


Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_49 NTV



| 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   | -35.51      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -30.82      | -10         | Pass   |
| 2695        | 2700.909   | 1         | CHP    | 3          | 2695.005   | -40.51      | -13         | Pass   |
| 2700.909    | 2705       | 1         | CHP    | 4          | 2700.910   | -47.17      | -25         | Pass   |

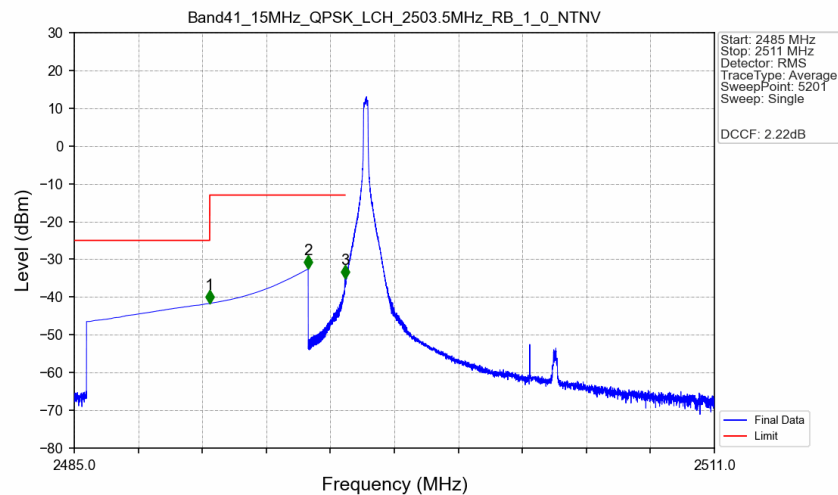
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2680        | 2690       | 0.218     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.218     | CHP    | 1          | 2690.025   | -27.53      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -25.87      | -10         | Pass   |
| 2695        | 2700.909   | 1         | CHP    | 3          | 2697.925   | -28.33      | -13         | Pass   |
| 2700.909    | 2705       | 1         | CHP    | 4          | 2700.925   | -36.01      | -25         | Pass   |

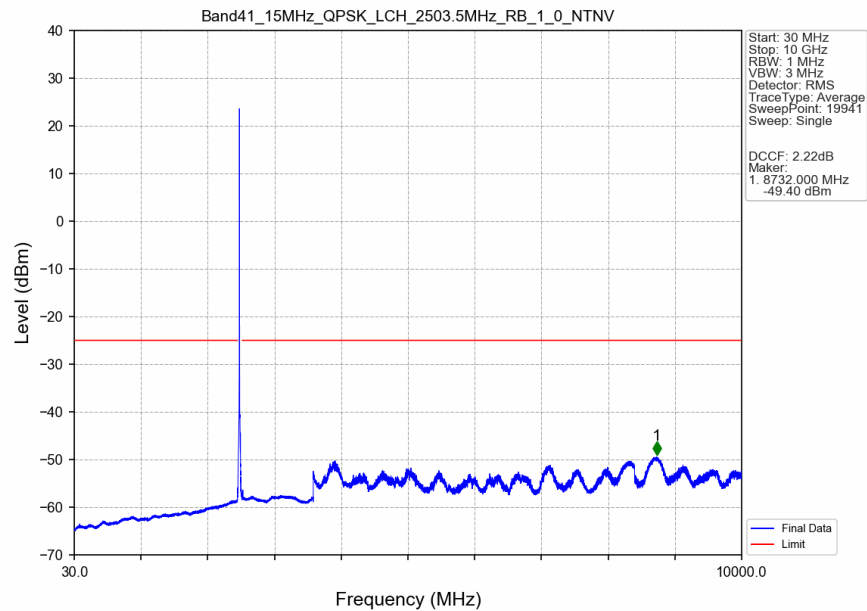
5.2.3 B41\_15MHz

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

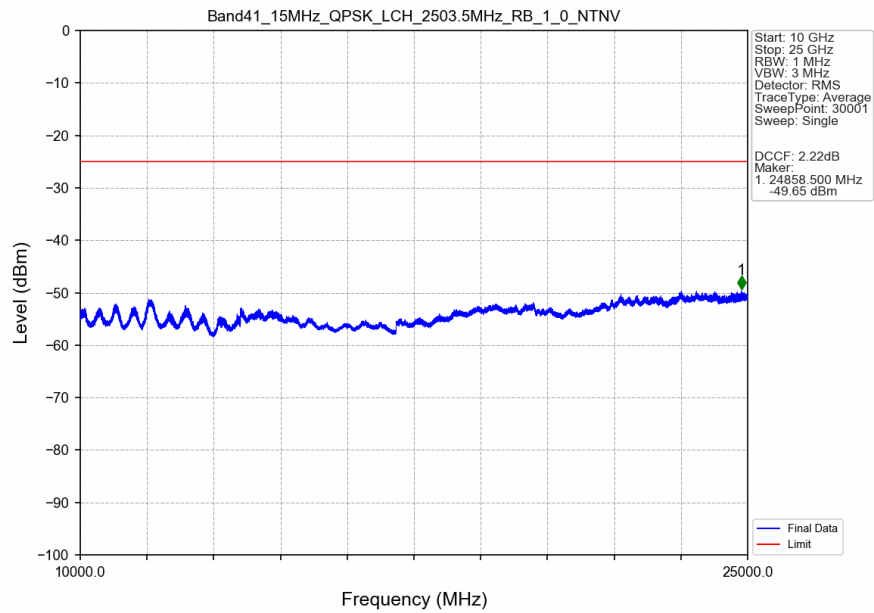


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -41.68      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.500   | -32.54      | -13         | Pass   |
| 2495        | 2496       | 0.01      | /      | 3          | 2495.990   | -35.04      | -13         | Pass   |
| 2496        | 2511       | 0.01      | /      | /          | /          | /           | /           | /      |

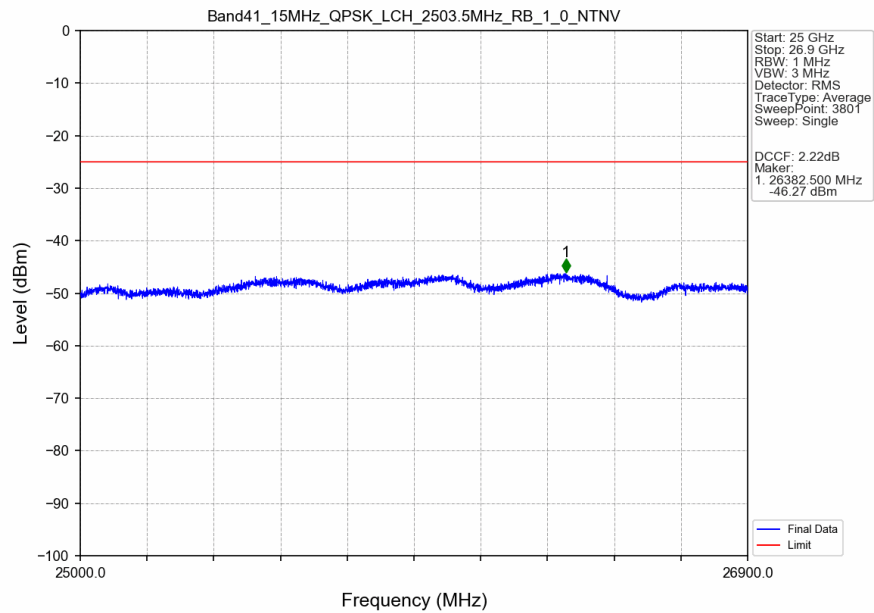
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



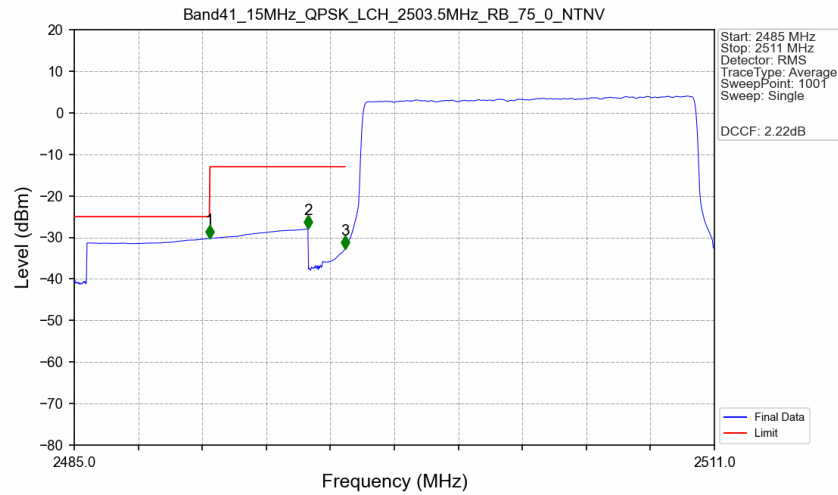
# Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



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

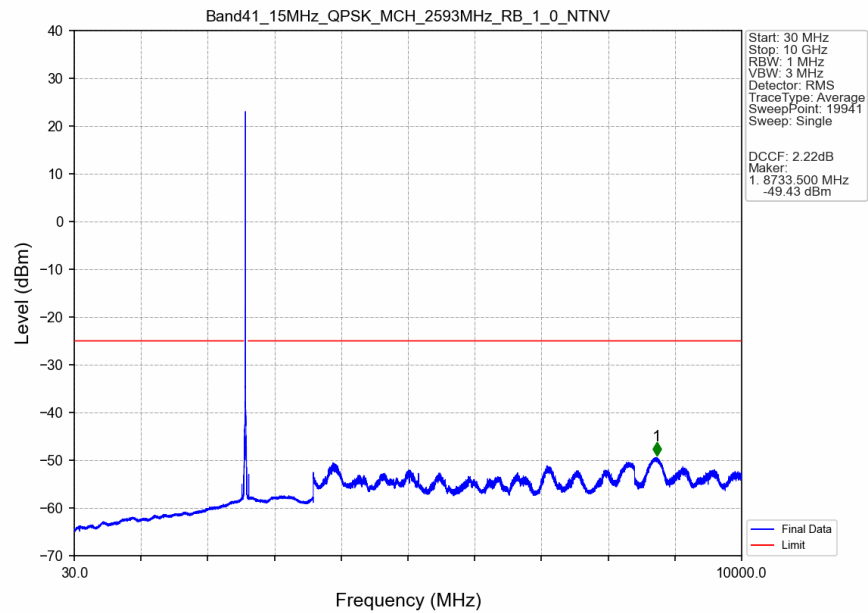


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

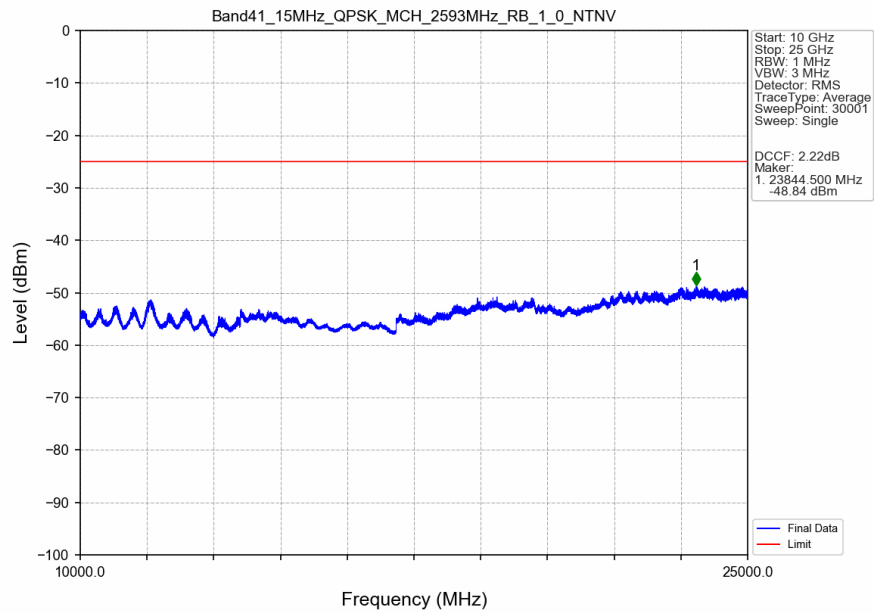


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.486   | -30.25      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.490   | -27.92      | -13         | Pass   |
| 2495        | 2496       | 0.155     | CHP    | 3          | 2495.998   | -32.76      | -13         | Pass   |
| 2496        | 2511       | 0.155     | CHP    | /          | /          | /           | /           | /      |

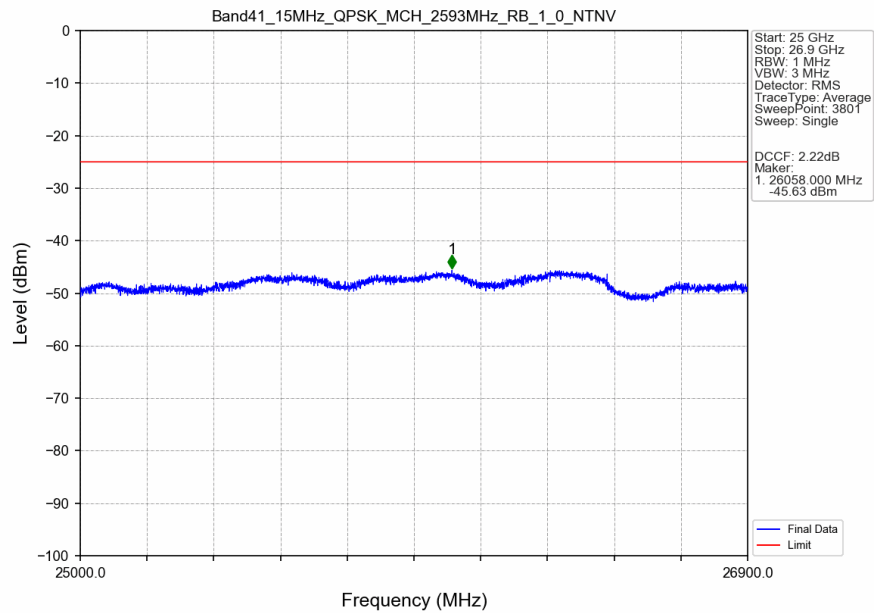
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



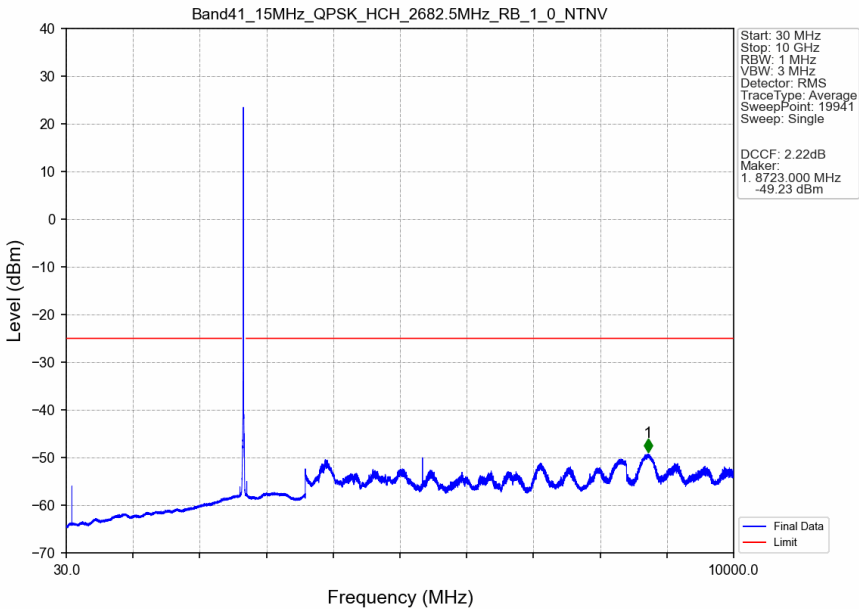
# Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



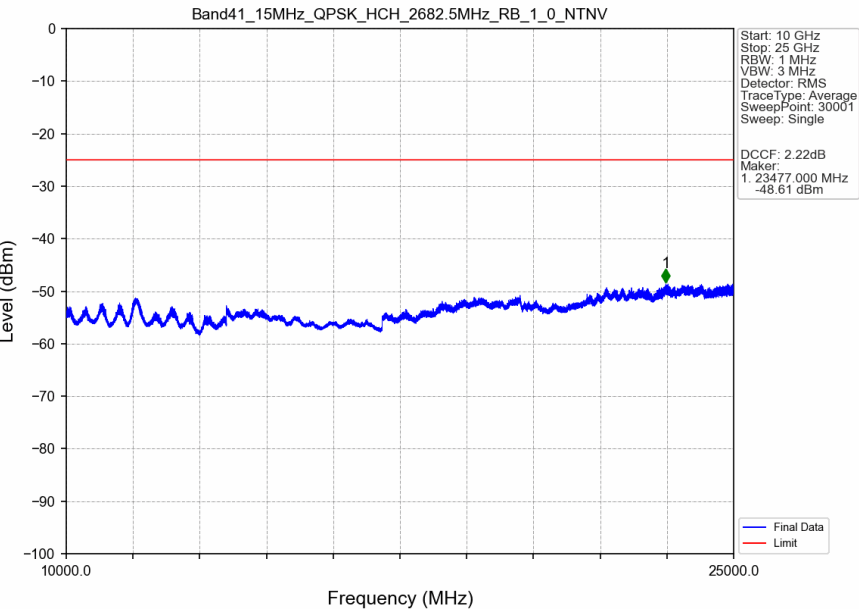
# Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



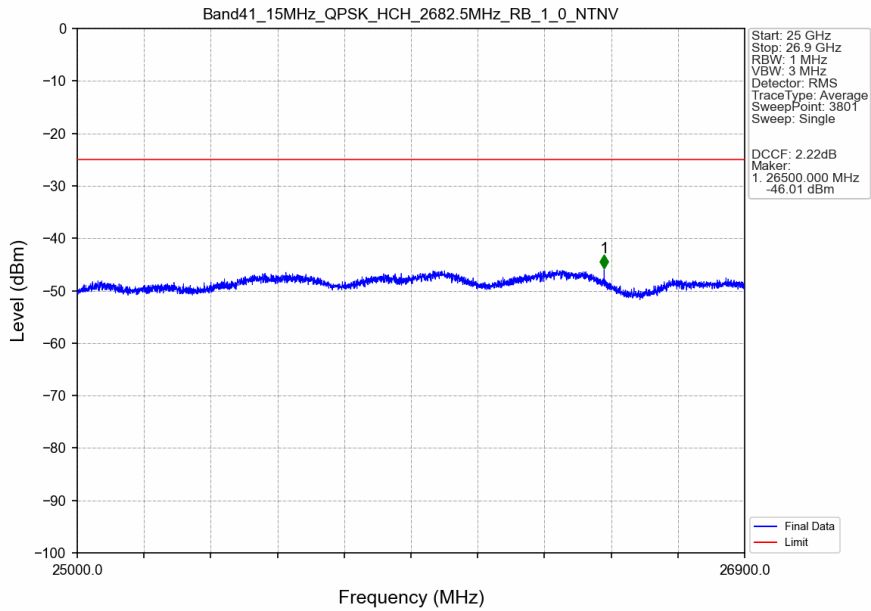
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



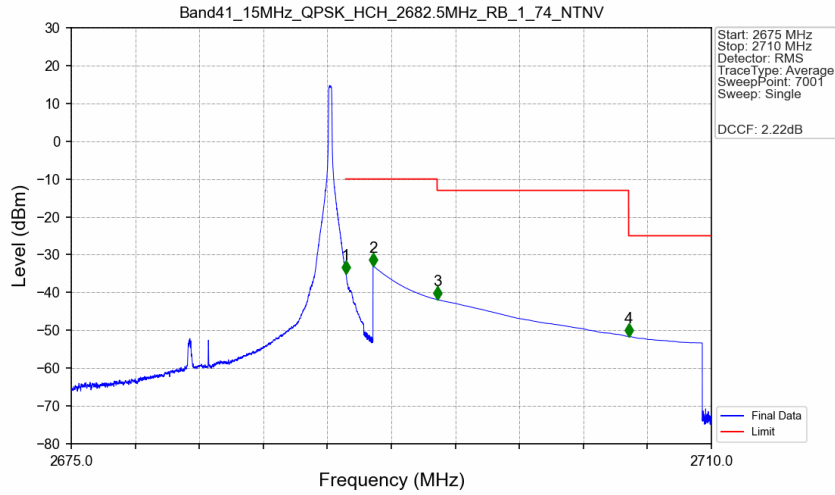
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

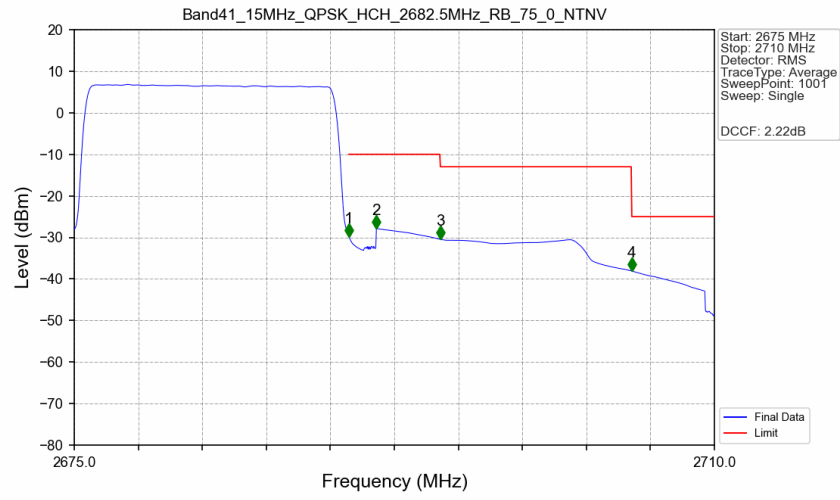


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



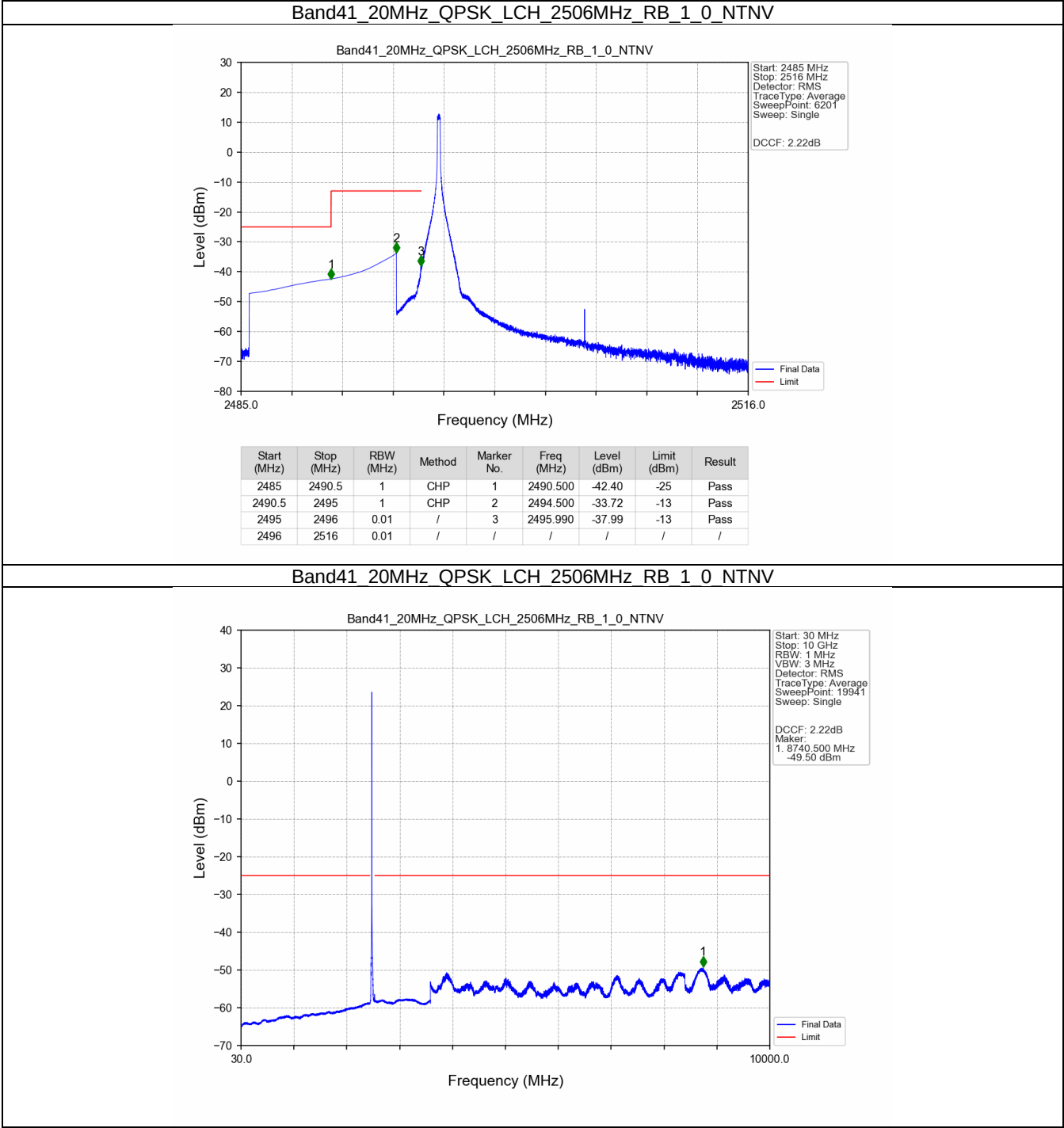
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2675        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.020   | -35.05      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -32.97      | -10         | Pass   |
| 2695        | 2705.473   | 1         | CHP    | 3          | 2695.005   | -41.89      | -13         | Pass   |
| 2705.473    | 2710       | 1         | CHP    | 4          | 2705.490   | -51.65      | -25         | Pass   |

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

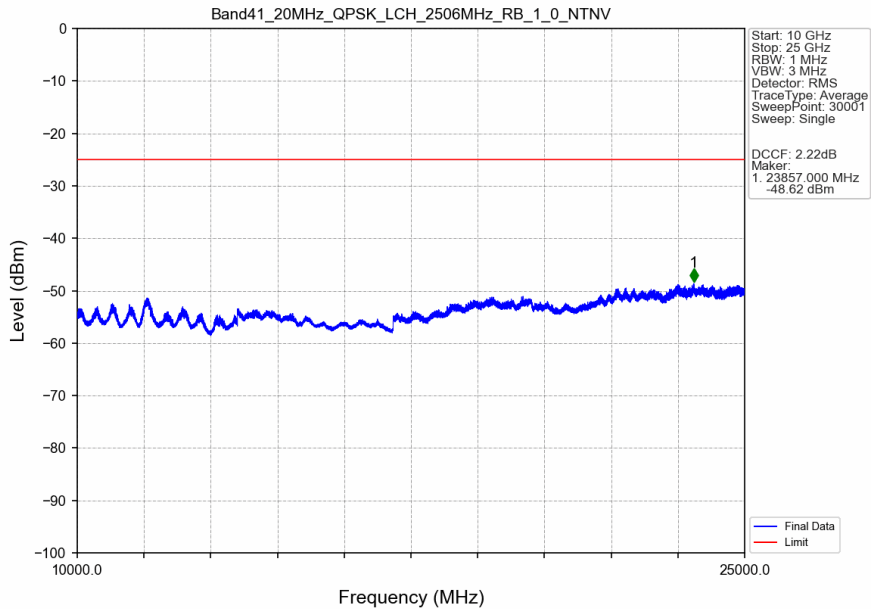


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2675        | 2690       | 0.309     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.309     | CHP    | 1          | 2690.015   | -29.89      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.520   | -27.87      | -10         | Pass   |
| 2695        | 2705.473   | 1         | CHP    | 3          | 2695.020   | -30.47      | -13         | Pass   |
| 2705.473    | 2710       | 1         | CHP    | 4          | 2705.485   | -38.09      | -25         | Pass   |

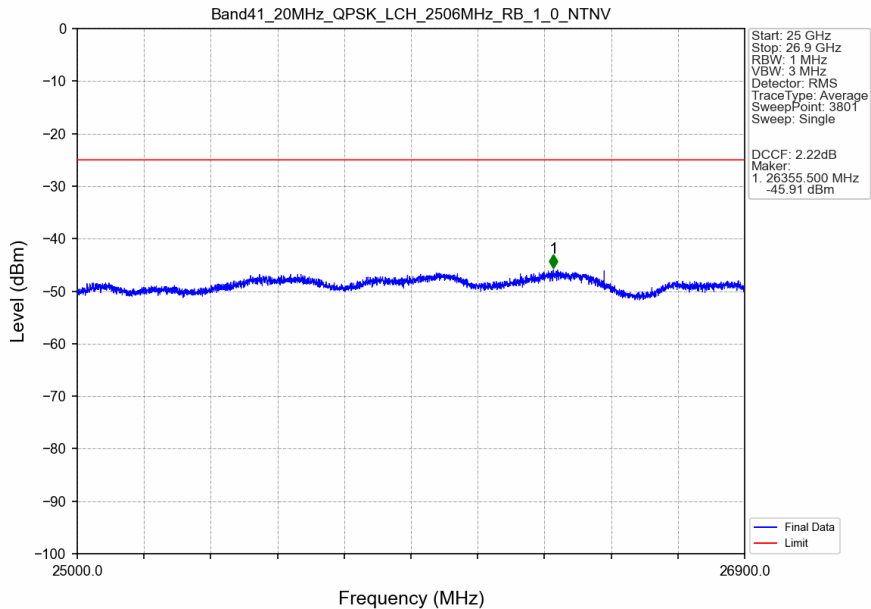
5.2.4 B41\_20MHz



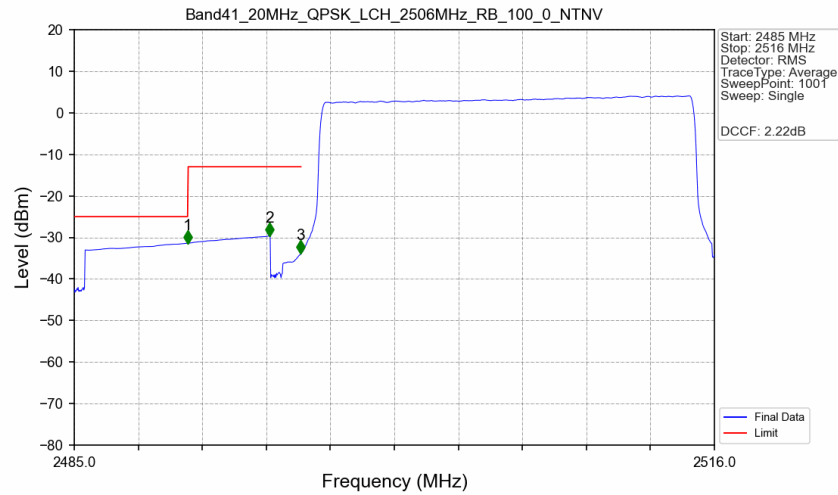
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV



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

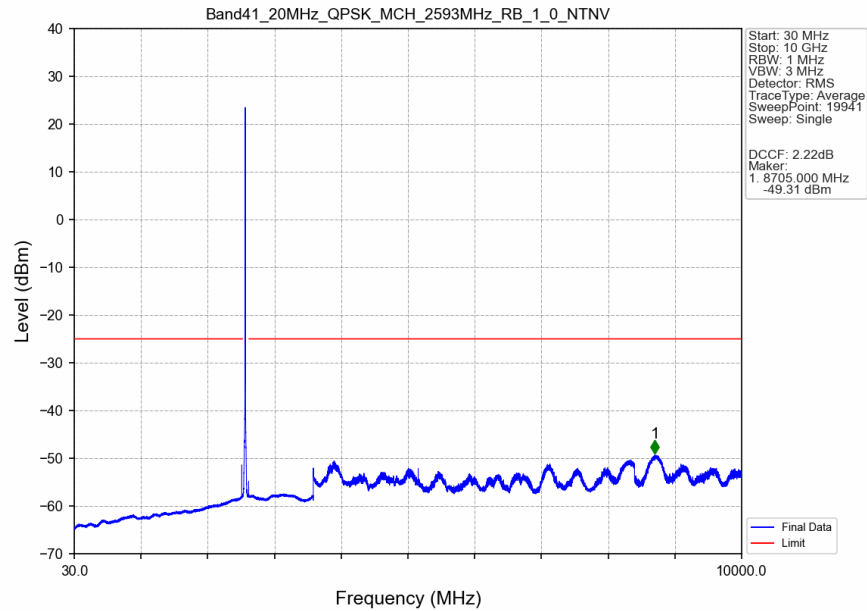


Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV

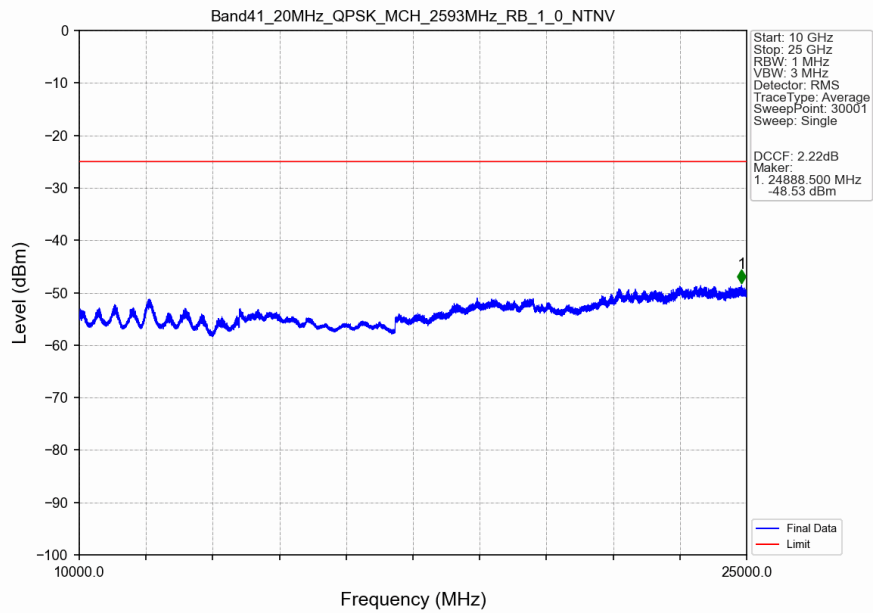


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.487   | -31.42      | -25         | Pass   |
| 2490.5      | 2495       | 1         | CHP    | 2          | 2494.455   | -29.63      | -13         | Pass   |
| 2495        | 2496       | 0.207     | CHP    | 3          | 2495.974   | -33.84      | -13         | Pass   |
| 2496        | 2516       | 0.207     | CHP    | /          | /          | /           | /           | /      |

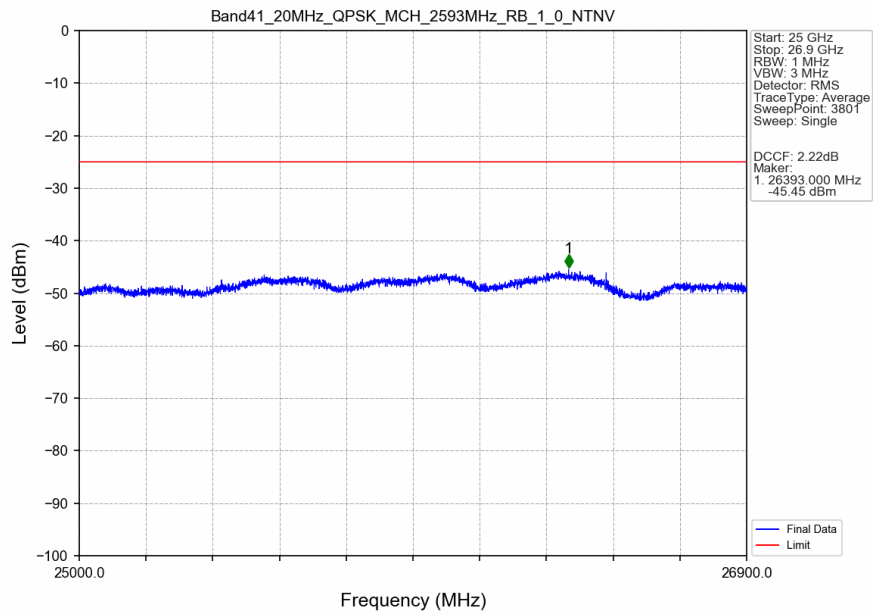
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



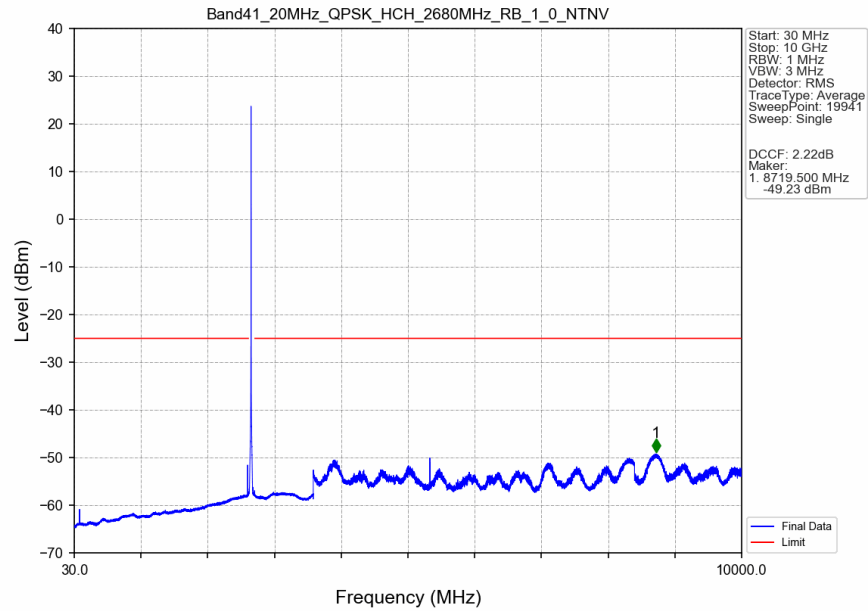
# Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



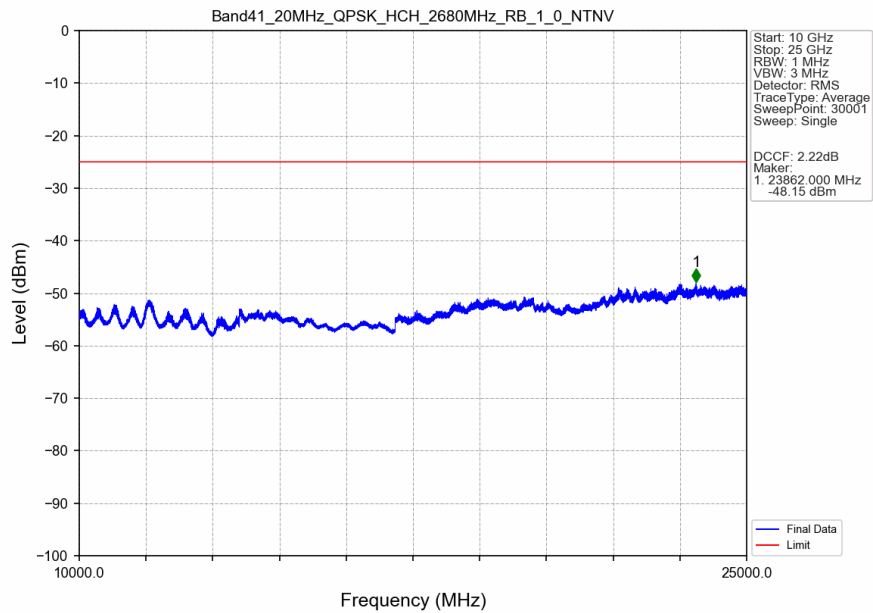
# Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



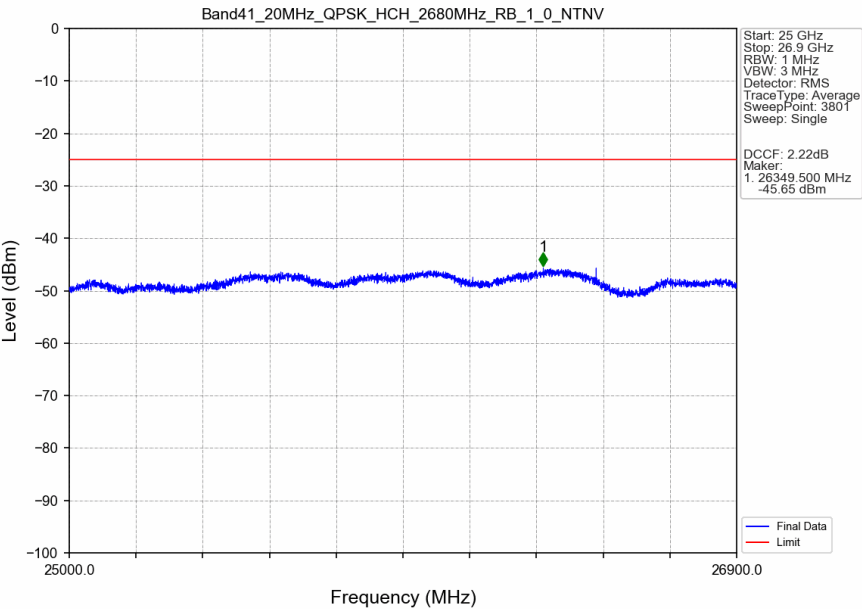
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV



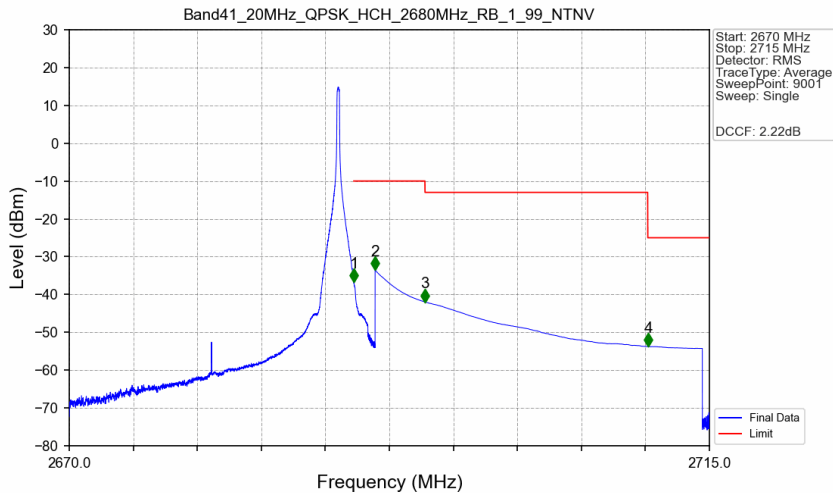
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV



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

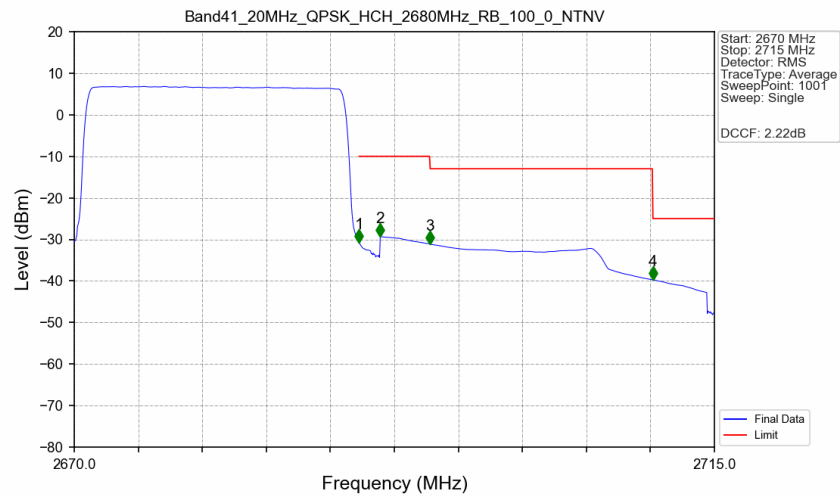


Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2670        | 2690       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.02      | CHP    | 1          | 2690.005   | -36.69      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.500   | -33.47      | -10         | Pass   |
| 2695        | 2710.66    | 1         | CHP    | 3          | 2695.005   | -41.97      | -13         | Pass   |
| 2710.66     | 2715       | 1         | CHP    | 4          | 2710.715   | -53.77      | -25         | Pass   |

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2670        | 2690       | 0.413     | CHP    | /          | /          | /           | /           | /      |
| 2690        | 2691       | 0.413     | CHP    | 1          | 2690.025   | -30.78      | -10         | Pass   |
| 2691        | 2695       | 1         | CHP    | 2          | 2691.510   | -29.30      | -10         | Pass   |
| 2695        | 2710.66    | 1         | CHP    | 3          | 2695.020   | -31.14      | -13         | Pass   |
| 2710.66     | 2715       | 1         | CHP    | 4          | 2710.680   | -39.73      | -25         | Pass   |

## 6. Field Strength of Spurious Radiation

| LTE Band 41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                   | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 4994.0                                                            | -62.8      | -25         | -37.8           | -68.36           | 4.57            | 10.13              | Horizontal         | Pass   |
| 7491.0                                                            | -60.64     | -25         | -35.64          | -67.43           | 4.94            | 11.73              | Horizontal         | Pass   |
| 9988.0                                                            | -56.28     | -25         | -31.28          | -63.86           | 5.46            | 13.04              | Horizontal         | Pass   |
| 4994.0                                                            | -62.82     | -25         | -37.82          | -68.38           | 4.57            | 10.13              | Vertical           | Pass   |
| 7491.0                                                            | -59.24     | -25         | -34.24          | -66.03           | 4.94            | 11.73              | Vertical           | Pass   |
| 9988.0                                                            | -55.18     | -25         | -30.18          | -62.76           | 5.46            | 13.04              | Vertical           | Pass   |

| LTE Band 41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5168.0                                                               | -63.03     | -25         | -38.03          | -68.65           | 4.62            | 10.24              | Horizontal         | Pass   |
| 7752.0                                                               | -59.0      | -25         | -34.0           | -66.08           | 4.96            | 12.04              | Horizontal         | Pass   |
| 10336.0                                                              | -56.46     | -25         | -31.46          | -64.04           | 5.51            | 13.09              | Horizontal         | Pass   |
| 5168.0                                                               | -63.29     | -25         | -38.29          | -68.91           | 4.62            | 10.24              | Vertical           | Pass   |
| 7752.0                                                               | -55.55     | -25         | -30.55          | -62.63           | 4.96            | 12.04              | Vertical           | Pass   |
| 10336.0                                                              | -54.86     | -25         | -29.86          | -62.44           | 5.51            | 13.09              | Vertical           | Pass   |

| LTE Band 41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                    | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5342.0                                                             | -63.43     | -25         | -38.43          | -69.1            | 4.68            | 10.35              | Horizontal         | Pass   |
| 8013.0                                                             | -59.1      | -25         | -34.1           | -66.47           | 4.98            | 12.35              | Horizontal         | Pass   |
| 10684.0                                                            | -56.4      | -25         | -31.4           | -63.95           | 5.63            | 13.18              | Horizontal         | Pass   |
| 5342.0                                                             | -63.38     | -25         | -38.38          | -69.05           | 4.68            | 10.35              | Vertical           | Pass   |
| 8013.0                                                             | -58.34     | -25         | -33.34          | -65.71           | 4.98            | 12.35              | Vertical           | Pass   |
| 10684.0                                                            | -55.84     | -25         | -30.84          | -63.39           | 5.63            | 13.18              | Vertical           | Pass   |