

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 Test Result

#### 1.1.1 B4\_1.4MHz\_EIRP

| Band: 4 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1710.7          | 1             | 0      | 22.94                 | 2.17       | 25.11      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.08                 | 2.17       | 25.25      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.00                 | 2.17       | 25.17      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.97                 | 2.17       | 25.14      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.94                 | 2.17       | 25.11      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.92                 | 2.17       | 25.09      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.99                 | 2.17       | 24.16      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 22.23                 | 2.17       | 24.40      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.25                 | 2.17       | 24.42      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.24                 | 2.17       | 24.41      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.13                 | 2.17       | 24.30      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.15                 | 2.17       | 24.32      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.14                 | 2.17       | 24.31      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.17                 | 2.17       | 23.34      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 22.56                 | 2.17       | 24.73      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.60                 | 2.17       | 24.77      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.58                 | 2.17       | 24.75      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.54                 | 2.17       | 24.71      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.57                 | 2.17       | 24.74      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.58                 | 2.17       | 24.75      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.62                 | 2.17       | 23.79      | <=30  | Pass    |
| 16QAM                              | 1710.7          | 1             | 0      | 22.17                 | 2.17       | 24.34      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.21                 | 2.17       | 24.38      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.19                 | 2.17       | 24.36      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.01                 | 2.17       | 24.18      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.04                 | 2.17       | 24.21      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.04                 | 2.17       | 24.21      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.12                 | 2.17       | 23.29      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 21.21                 | 2.17       | 23.38      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.23                 | 2.17       | 23.40      | <=30  | Pass    |
|                                    |                 |               | 5      | 21.29                 | 2.17       | 23.46      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 21.17                 | 2.17       | 23.34      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.19                 | 2.17       | 23.36      | <=30  | Pass    |
|                                    |                 |               | 3      | 21.20                 | 2.17       | 23.37      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 20.25                 | 2.17       | 22.42      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 21.49                 | 2.17       | 23.66      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.52                 | 2.17       | 23.69      | <=30  | Pass    |
|                                    |                 |               | 5      | 21.52                 | 2.17       | 23.69      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 21.74                 | 2.17       | 23.91      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.78                 | 2.17       | 23.95      | <=30  | Pass    |
|                                    |                 |               | 3      | 21.77                 | 2.17       | 23.94      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 20.75                 | 2.17       | 22.92      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.2 B4\_3MHz\_EIRP

| Band: 4 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |            |       |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                             | 1711.5          | 1             | 0      | 22.86                 | 2.17       | 25.03      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.10                 | 2.17       | 25.27      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.80                 | 2.17       | 24.97      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.07                 | 2.17       | 24.24      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.20                 | 2.17       | 24.37      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.08                 | 2.17       | 24.25      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.09                 | 2.17       | 24.26      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 22.28                 | 2.17       | 24.45      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.37                 | 2.17       | 24.54      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.19                 | 2.17       | 24.36      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.28                 | 2.17       | 23.45      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.44                 | 2.17       | 23.61      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.36                 | 2.17       | 23.53      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.35                 | 2.17       | 23.52      | <=30  | Pass    |
|                                  | 1753.5          | 1             | 0      | 22.62                 | 2.17       | 24.79      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.75                 | 2.17       | 24.92      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.62                 | 2.17       | 24.79      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.68                 | 2.17       | 23.85      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.71                 | 2.17       | 23.88      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.71                 | 2.17       | 23.88      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.68                 | 2.17       | 23.85      | <=30  | Pass    |
| 16QAM                            | 1711.5          | 1             | 0      | 22.34                 | 2.17       | 24.51      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.45                 | 2.17       | 24.62      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.15                 | 2.17       | 24.32      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.10                 | 2.17       | 23.27      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.12                 | 2.17       | 23.29      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.18                 | 2.17       | 23.35      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.08                 | 2.17       | 23.25      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 21.35                 | 2.17       | 23.52      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.50                 | 2.17       | 23.67      | <=30  | Pass    |
|                                  |                 |               | 14     | 21.31                 | 2.17       | 23.48      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 20.53                 | 2.17       | 22.70      | <=30  | Pass    |
|                                  |                 |               | 4      | 20.57                 | 2.17       | 22.74      | <=30  | Pass    |
|                                  |                 |               | 7      | 20.51                 | 2.17       | 22.68      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 20.45                 | 2.17       | 22.62      | <=30  | Pass    |
|                                  | 1753.5          | 1             | 0      | 21.50                 | 2.17       | 23.67      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.63                 | 2.17       | 23.80      | <=30  | Pass    |
|                                  |                 |               | 14     | 21.48                 | 2.17       | 23.65      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 20.72                 | 2.17       | 22.89      | <=30  | Pass    |
|                                  |                 |               | 4      | 20.78                 | 2.17       | 22.95      | <=30  | Pass    |
|                                  |                 |               | 7      | 20.76                 | 2.17       | 22.93      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 20.75                 | 2.17       | 22.92      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.3 B4\_5MHz\_EIRP

| Band: 4 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                             | 1712.5          | 1             | 0      | 23.15                 | 2.17       | 25.32      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.90                 | 2.17       | 25.07      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.73                 | 2.17       | 24.90      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.08                 | 2.17       | 24.25      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.97                 | 2.17       | 24.14      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.87                 | 2.17       | 24.04      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.95                 | 2.17       | 24.12      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 22.36                 | 2.17       | 24.53      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.32                 | 2.17       | 24.49      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.50                 | 2.17       | 24.67      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.43                 | 2.17       | 23.60      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.37                 | 2.17       | 23.54      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.43                 | 2.17       | 23.60      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.39                 | 2.17       | 23.56      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 22.79                 | 2.17       | 24.96      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.73                 | 2.17       | 24.90      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.81                 | 2.17       | 24.98      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.78                 | 2.17       | 23.95      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.75                 | 2.17       | 23.92      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.77                 | 2.17       | 23.94      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.76                 | 2.17       | 23.93      | <=30  | Pass    |
| 16QAM                            | 1712.5          | 1             | 0      | 22.39                 | 2.17       | 24.56      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.18                 | 2.17       | 24.35      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.03                 | 2.17       | 24.20      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.22                 | 2.17       | 23.39      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.12                 | 2.17       | 23.29      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.03                 | 2.17       | 23.20      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.13                 | 2.17       | 23.30      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 21.58                 | 2.17       | 23.75      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.58                 | 2.17       | 23.75      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.67                 | 2.17       | 23.84      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.59                 | 2.17       | 22.76      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.53                 | 2.17       | 22.70      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.60                 | 2.17       | 22.77      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.58                 | 2.17       | 22.75      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 22.07                 | 2.17       | 24.24      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.00                 | 2.17       | 24.17      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.09                 | 2.17       | 24.26      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.85                 | 2.17       | 23.02      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.82                 | 2.17       | 22.99      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.71                 | 2.17       | 22.88      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.87                 | 2.17       | 23.04      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.4 B4\_10MHz\_EIRP

| Band: 4 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1715            | 1             | 0      | 23.25                 | 2.17       | 25.42      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.83                 | 2.17       | 25.00      | <=30  | Pass    |
|                                   |                 |               | 49     | 22.44                 | 2.17       | 24.61      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.07                 | 2.17       | 24.24      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.80                 | 2.17       | 23.97      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.59                 | 2.17       | 23.76      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.80                 | 2.17       | 23.97      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.41                 | 2.17       | 24.58      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.43                 | 2.17       | 24.60      | <=30  | Pass    |
|                                   |                 |               | 49     | 22.81                 | 2.17       | 24.98      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.48                 | 2.17       | 23.65      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.49                 | 2.17       | 23.66      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.55                 | 2.17       | 23.72      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.52                 | 2.17       | 23.69      | <=30  | Pass    |
|                                   | 1750            | 1             | 0      | 22.89                 | 2.17       | 25.06      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.18                 | 2.17       | 25.35      | <=30  | Pass    |
|                                   |                 |               | 49     | 23.26                 | 2.17       | 25.43      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.97                 | 2.17       | 24.14      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.09                 | 2.17       | 24.26      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.18                 | 2.17       | 24.35      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.08                 | 2.17       | 24.25      | <=30  | Pass    |
| 16QAM                             | 1715            | 1             | 0      | 22.55                 | 2.17       | 24.72      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.13                 | 2.17       | 24.30      | <=30  | Pass    |
|                                   |                 |               | 49     | 21.79                 | 2.17       | 23.96      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.24                 | 2.17       | 24.41      | <=30  | Pass    |
|                                   |                 |               | 19     | 21.90                 | 2.17       | 24.07      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.61                 | 2.17       | 23.78      | <=30  | Pass    |
|                                   |                 | 27            | 0      | 21.16                 | 2.17       | 23.33      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 21.48                 | 2.17       | 23.65      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.53                 | 2.17       | 23.70      | <=30  | Pass    |
|                                   |                 |               | 49     | 21.82                 | 2.17       | 23.99      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.42                 | 2.17       | 23.59      | <=30  | Pass    |
|                                   |                 |               | 19     | 21.45                 | 2.17       | 23.62      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.63                 | 2.17       | 23.80      | <=30  | Pass    |
|                                   |                 | 27            | 0      | 20.56                 | 2.17       | 22.73      | <=30  | Pass    |
|                                   | 1750            | 1             | 0      | 21.73                 | 2.17       | 23.90      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.02                 | 2.17       | 24.19      | <=30  | Pass    |
|                                   |                 |               | 49     | 22.07                 | 2.17       | 24.24      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.04                 | 2.17       | 24.21      | <=30  | Pass    |
|                                   |                 |               | 19     | 22.15                 | 2.17       | 24.32      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.23                 | 2.17       | 24.40      | <=30  | Pass    |
|                                   |                 | 27            | 23     | 21.22                 | 2.17       | 23.39      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.5 B4\_15MHz\_EIRP

| Band: 4 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1717.5          | 1             | 0      | 23.40                 | 2.17       | 25.57      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.85                 | 2.17       | 25.02      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.48                 | 2.17       | 24.65      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.07                 | 2.17       | 24.24      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.88                 | 2.17       | 24.05      | <=30  | Pass    |
|                                   |                 |               | 39     | 21.59                 | 2.17       | 23.76      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.85                 | 2.17       | 24.02      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.40                 | 2.17       | 24.57      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.56                 | 2.17       | 24.73      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.84                 | 2.17       | 25.01      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.39                 | 2.17       | 23.56      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.58                 | 2.17       | 23.75      | <=30  | Pass    |
|                                   |                 |               | 39     | 21.72                 | 2.17       | 23.89      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.57                 | 2.17       | 23.74      | <=30  | Pass    |
|                                   | 1747.5          | 1             | 0      | 22.38                 | 2.17       | 24.55      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.17                 | 2.17       | 25.34      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.38                 | 2.17       | 25.55      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.79                 | 2.17       | 23.96      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.05                 | 2.17       | 24.22      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.26                 | 2.17       | 24.43      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.99                 | 2.17       | 24.16      | <=30  | Pass    |
| 16QAM                             | 1717.5          | 1             | 0      | 22.46                 | 2.17       | 24.63      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.84                 | 2.17       | 24.01      | <=30  | Pass    |
|                                   |                 |               | 74     | 21.50                 | 2.17       | 23.67      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.28                 | 2.17       | 24.45      | <=30  | Pass    |
|                                   |                 |               | 31     | 21.74                 | 2.17       | 23.91      | <=30  | Pass    |
|                                   |                 |               | 63     | 21.44                 | 2.17       | 23.61      | <=30  | Pass    |
|                                   |                 | 27            | 0      | 21.21                 | 2.17       | 23.38      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 21.40                 | 2.17       | 23.57      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.54                 | 2.17       | 23.71      | <=30  | Pass    |
|                                   |                 |               | 74     | 21.89                 | 2.17       | 24.06      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.29                 | 2.17       | 23.46      | <=30  | Pass    |
|                                   |                 |               | 31     | 21.45                 | 2.17       | 23.62      | <=30  | Pass    |
|                                   |                 |               | 63     | 21.84                 | 2.17       | 24.01      | <=30  | Pass    |
|                                   |                 | 27            | 0      | 20.55                 | 2.17       | 22.72      | <=30  | Pass    |
|                                   | 1747.5          | 1             | 0      | 21.42                 | 2.17       | 23.59      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.14                 | 2.17       | 24.31      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.29                 | 2.17       | 24.46      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.43                 | 2.17       | 23.60      | <=30  | Pass    |
|                                   |                 |               | 31     | 22.01                 | 2.17       | 24.18      | <=30  | Pass    |
|                                   |                 |               | 63     | 22.16                 | 2.17       | 24.33      | <=30  | Pass    |
|                                   |                 | 27            | 48     | 21.32                 | 2.17       | 23.49      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.6 B4\_20MHz\_EIRP

| Band: 4 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1720            | 1             | 0      | 23.48                 | 2.17       | 25.65      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.75                 | 2.17       | 24.92      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.56                 | 2.17       | 24.73      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.21                 | 2.17       | 24.38      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.85                 | 2.17       | 24.02      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.64                 | 2.17       | 23.81      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.87                 | 2.17       | 24.04      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.55                 | 2.17       | 24.72      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.59                 | 2.17       | 24.76      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.15                 | 2.17       | 25.32      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.51                 | 2.17       | 23.68      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.57                 | 2.17       | 23.74      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.77                 | 2.17       | 23.94      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.62                 | 2.17       | 23.79      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.50                 | 2.17       | 24.67      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.28                 | 2.17       | 25.45      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.64                 | 2.17       | 25.81      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.98                 | 2.17       | 24.15      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.35                 | 2.17       | 24.52      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.67                 | 2.17       | 24.84      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.31                 | 2.17       | 24.48      | <=30  | Pass    |
| 16QAM                             | 1720            | 1             | 0      | 22.97                 | 2.17       | 25.14      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.14                 | 2.17       | 24.31      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.04                 | 2.17       | 24.21      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.46                 | 2.17       | 24.63      | <=30  | Pass    |
|                                   |                 |               | 44     | 21.69                 | 2.17       | 23.86      | <=30  | Pass    |
|                                   |                 |               | 88     | 21.54                 | 2.17       | 23.71      | <=30  | Pass    |
|                                   |                 | 27            | 0      | 21.41                 | 2.17       | 23.58      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.08                 | 2.17       | 24.25      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.02                 | 2.17       | 24.19      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.64                 | 2.17       | 24.81      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.58                 | 2.17       | 23.75      | <=30  | Pass    |
|                                   |                 |               | 44     | 21.61                 | 2.17       | 23.78      | <=30  | Pass    |
|                                   |                 |               | 88     | 22.08                 | 2.17       | 24.25      | <=30  | Pass    |
|                                   |                 | 27            | 0      | 20.64                 | 2.17       | 22.81      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 21.99                 | 2.17       | 24.16      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.71                 | 2.17       | 24.88      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.11                 | 2.17       | 25.28      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.64                 | 2.17       | 23.81      | <=30  | Pass    |
|                                   |                 |               | 44     | 22.27                 | 2.17       | 24.44      | <=30  | Pass    |
|                                   |                 |               | 88     | 22.68                 | 2.17       | 24.85      | <=30  | Pass    |
|                                   |                 | 27            | 73     | 21.77                 | 2.17       | 23.94      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B4\_10MHz

| Band: 4 / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                       | 1732.5          | 50            | 0      | 20         | LV      | -1.173           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | NV      | -1.645           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | HV      | -0.601           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | NV      | -0.615           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | NV      | -0.916           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | NV      | -0.901           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | NV      | -1.216           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | NV      | -0.772           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | NV      | -0.286           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | NV      | -0.830           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | NV      | -0.486           | -0.0003               | -2.5 to 2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band4\_OBW

| Band: 4 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.112                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.107                        | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 2.742                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 2.744                        | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 4.566                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 4.529                        | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 9.063                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 27            | 0      | 5.156                        | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 13.645                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 27            | 0      | 5.499                        | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 18.073                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 27            | 0      | 5.630                        | /     | Pass    |

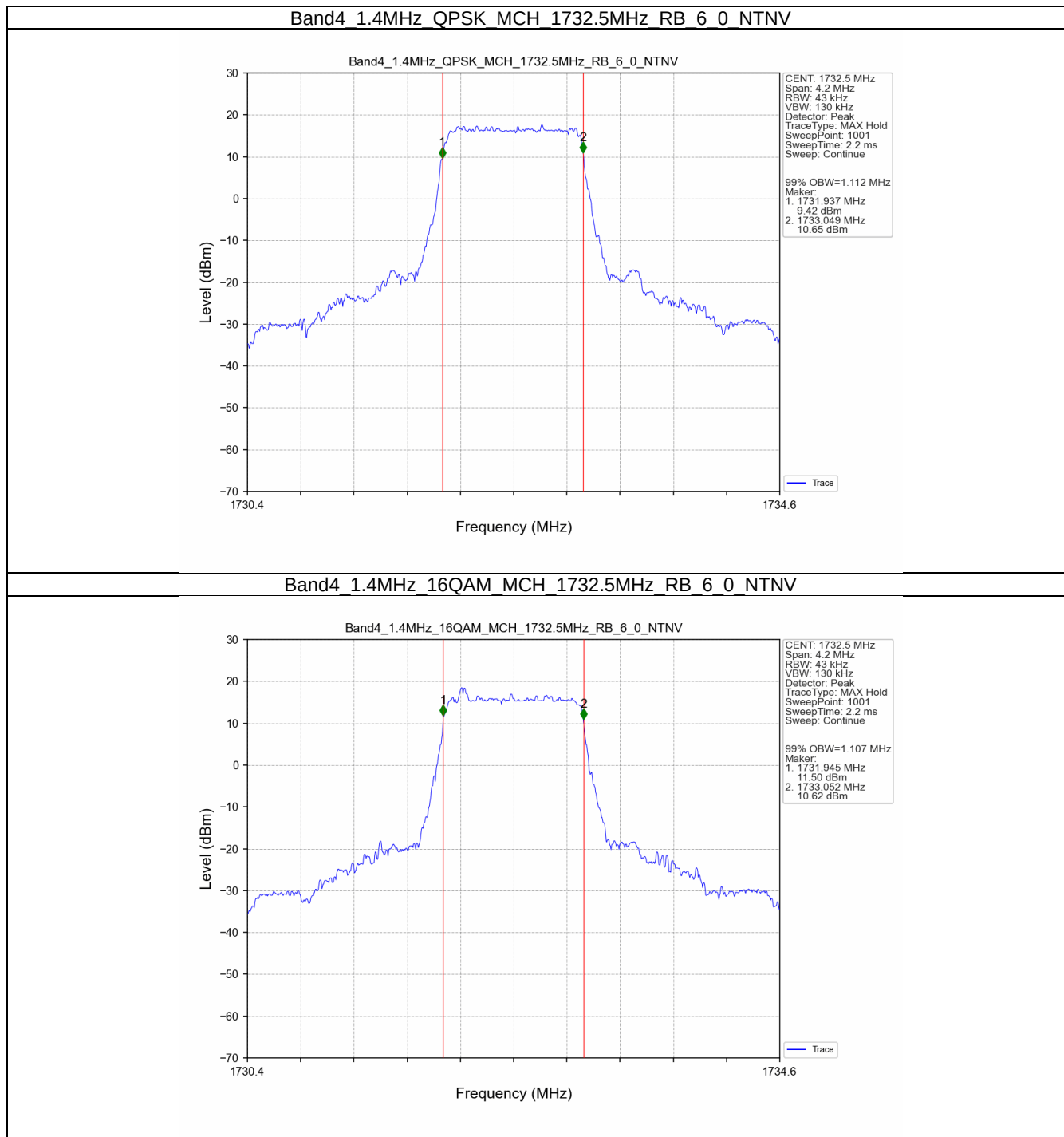
##### 3.1.2 Band4\_XDB

| Band: 4 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.314                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.309                | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 3.060                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 3.043                | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 5.101                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 5.072                | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 10.241               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 27            | 0      | 6.330                | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 15.585               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 27            | 0      | 7.104                | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 20.406               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 27            | 0      | 7.510                | /     | Pass    |

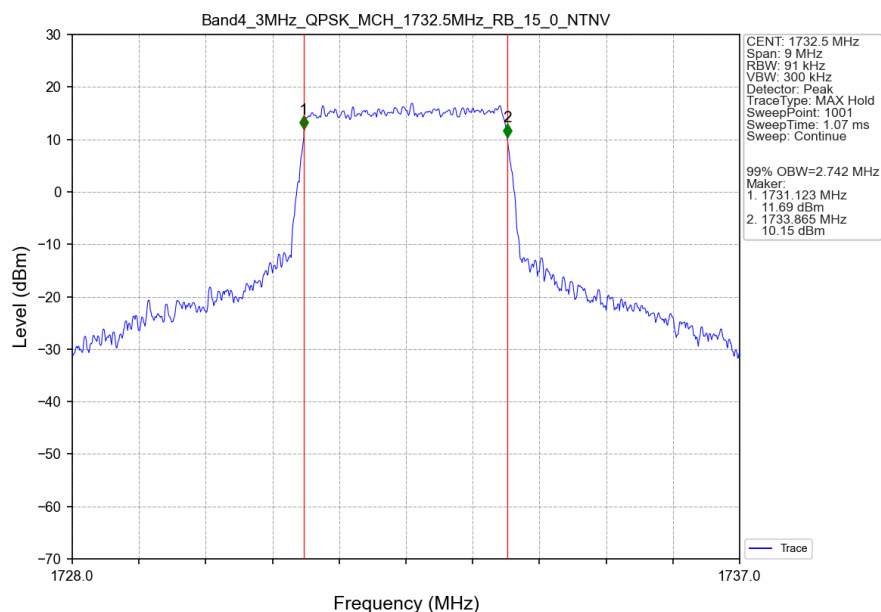


## 3.2 Test Graph

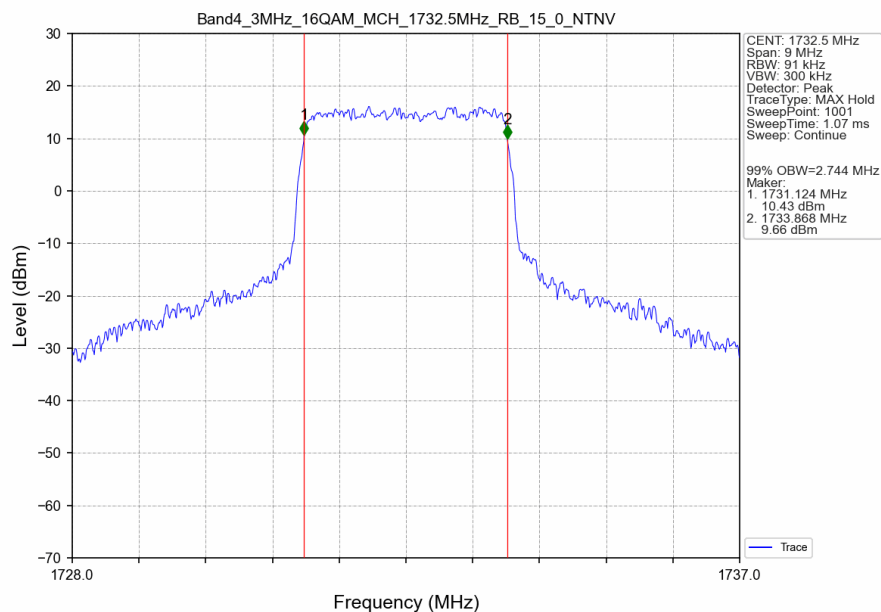
### 3.2.1 Band4\_OBW



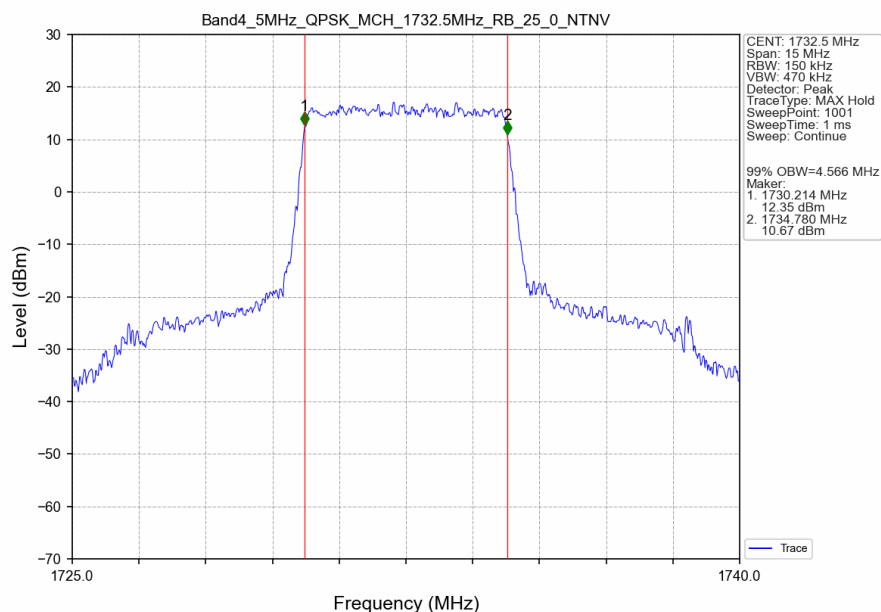
Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



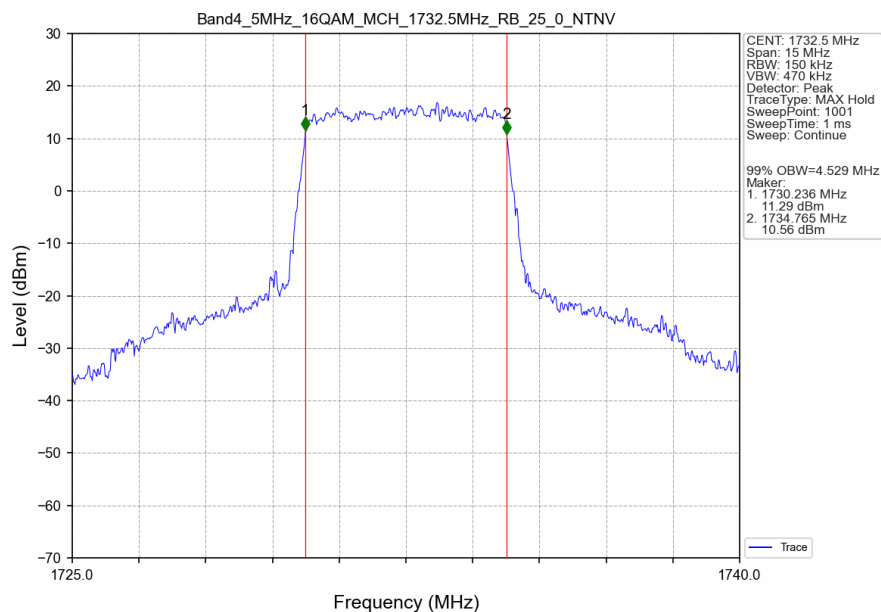
Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



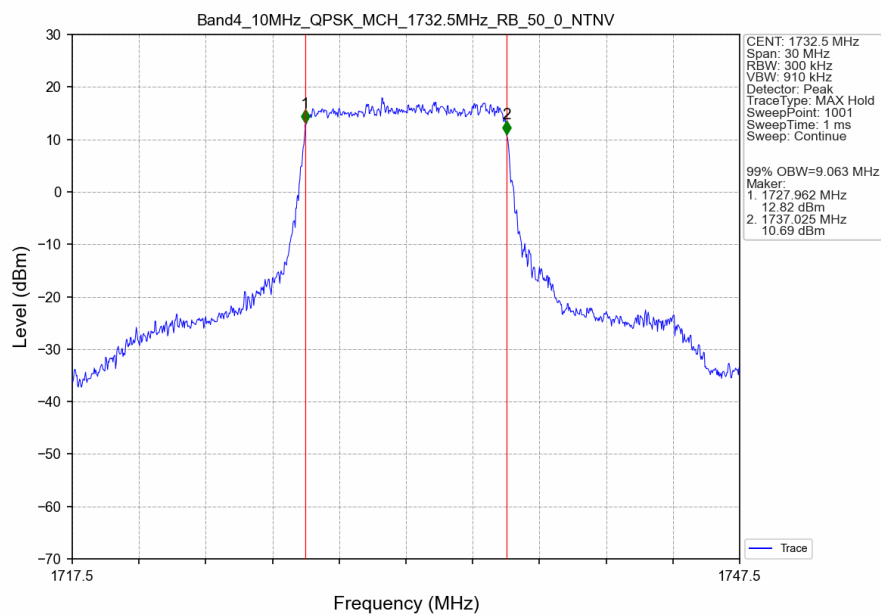
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



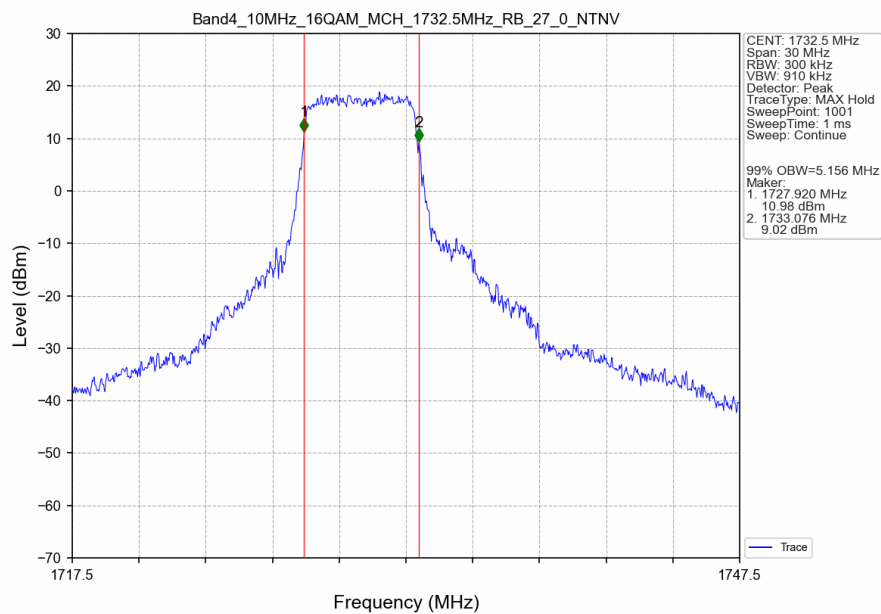
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



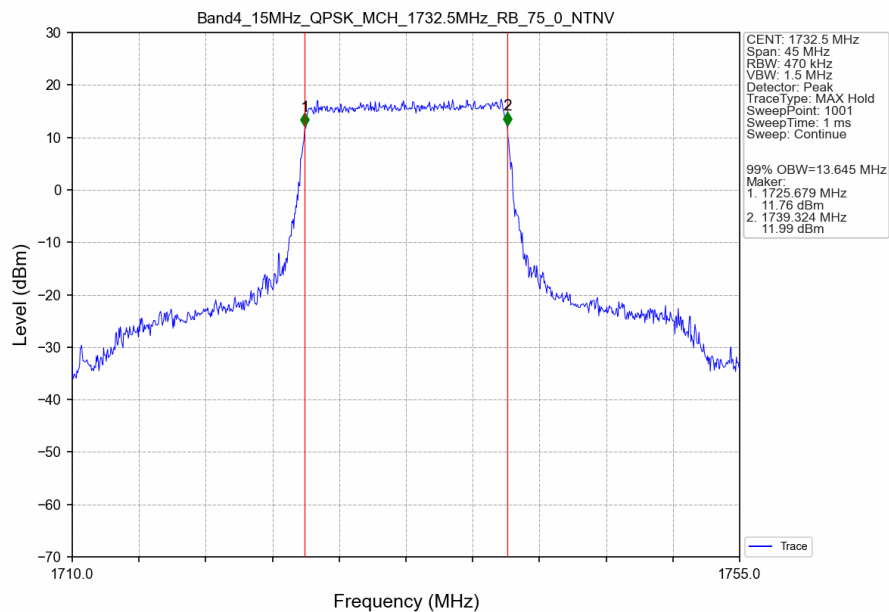
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



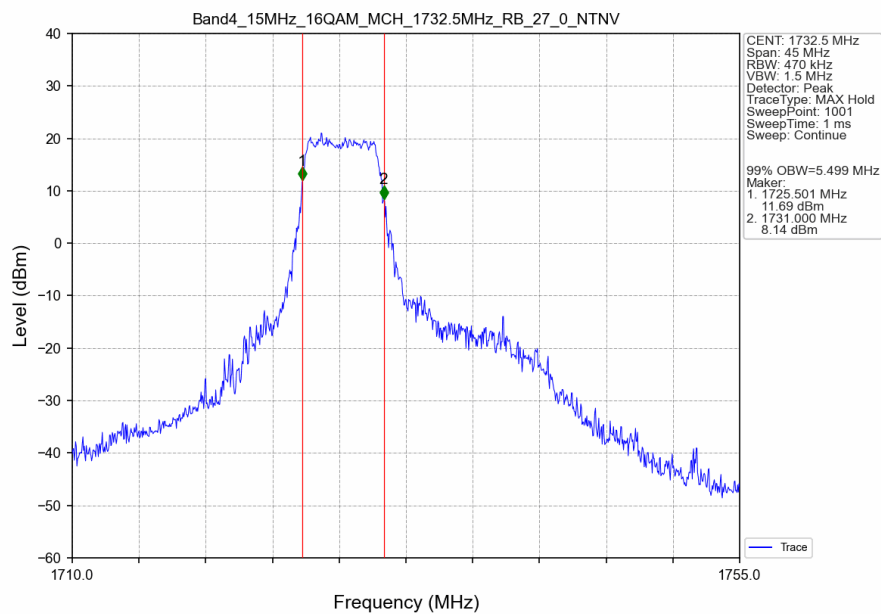
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_27\_0\_NTNV



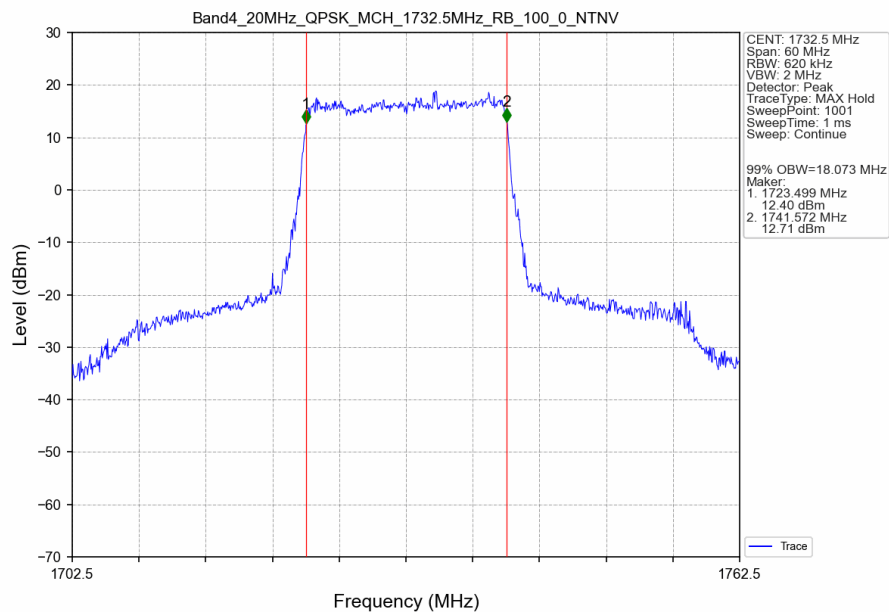
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



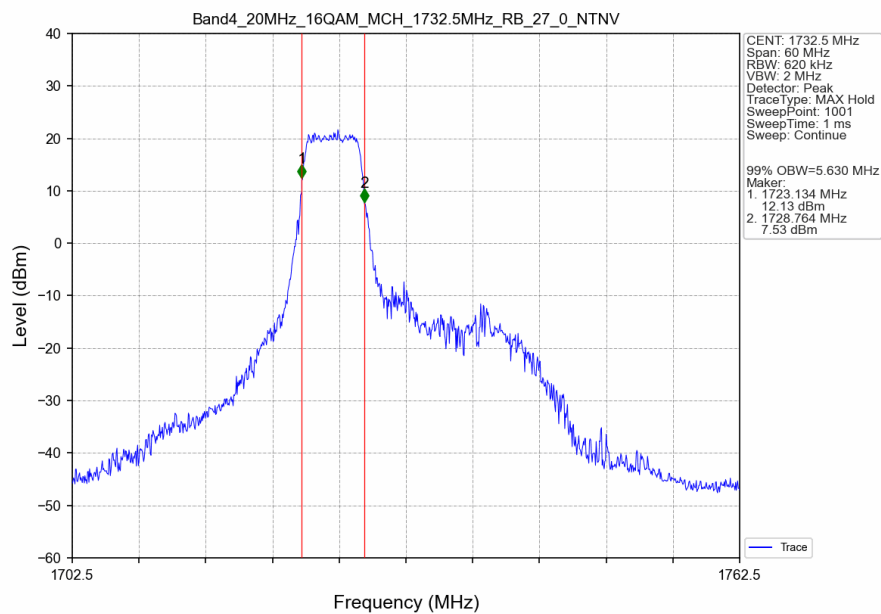
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_27\_0\_NTNV



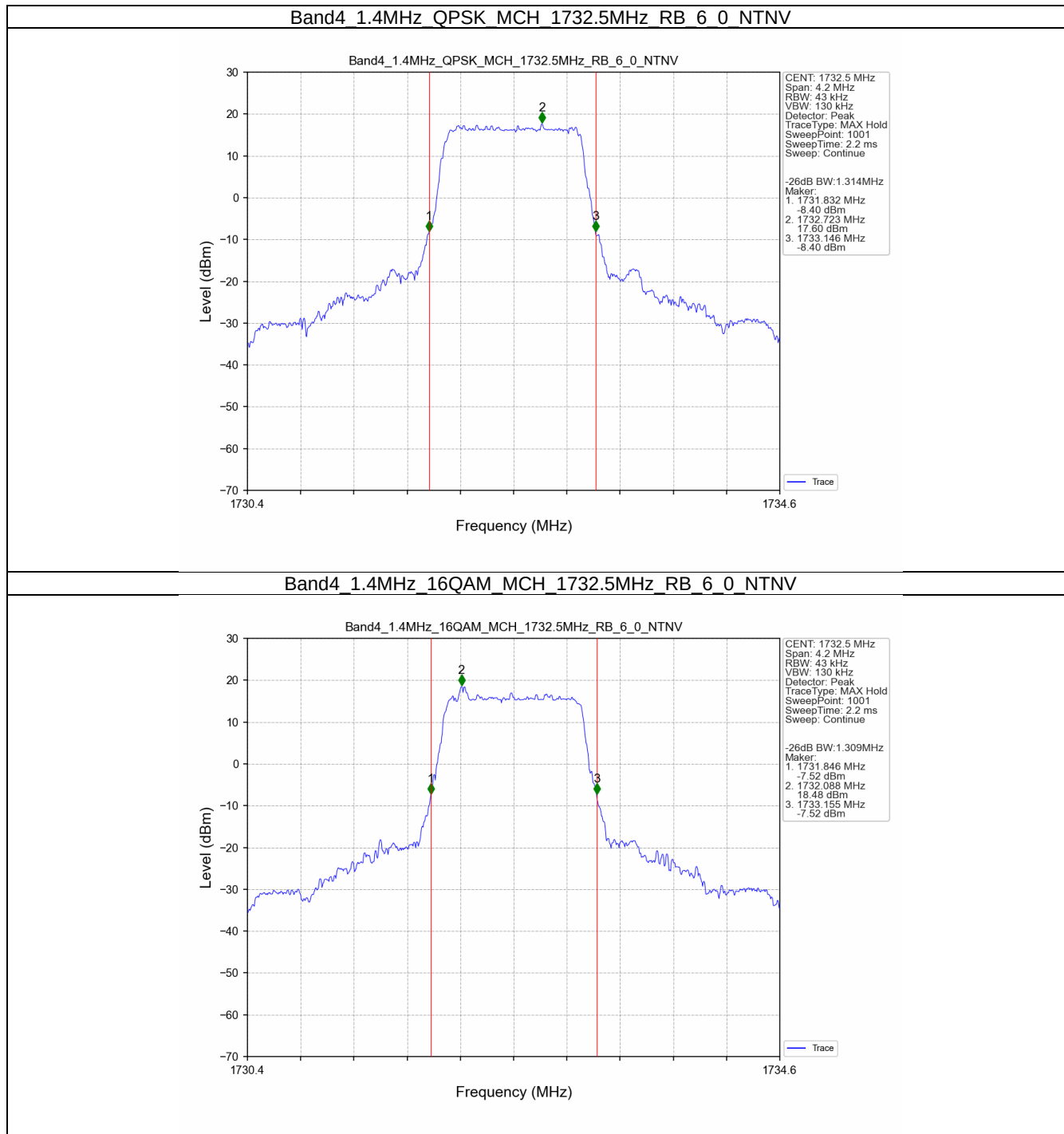
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV



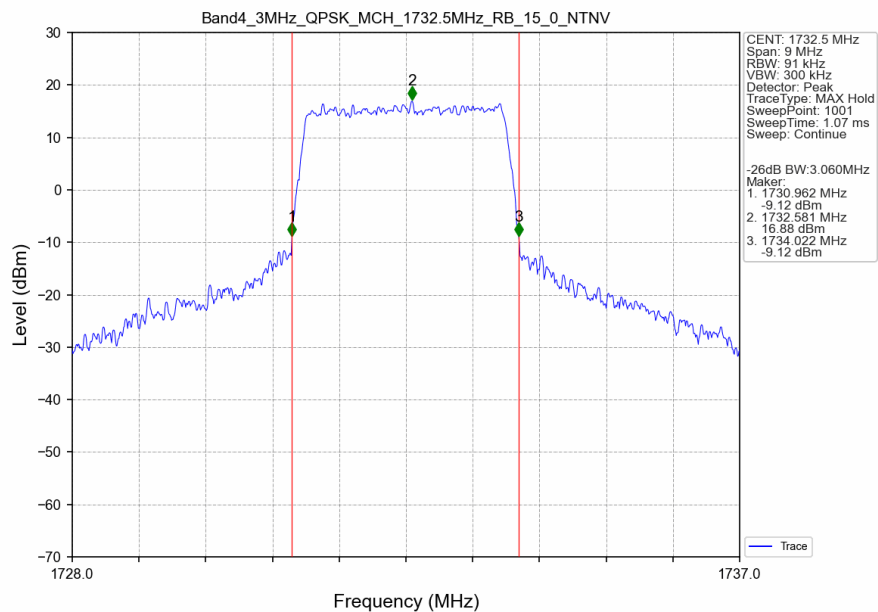
Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_27\_0\_NTNV



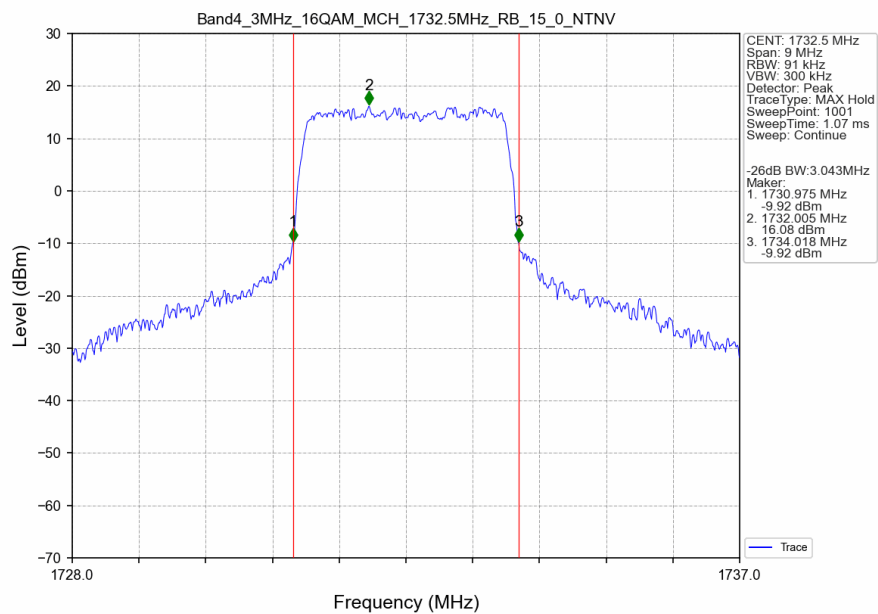
### 3.2.2 Band4\_XDB



Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV

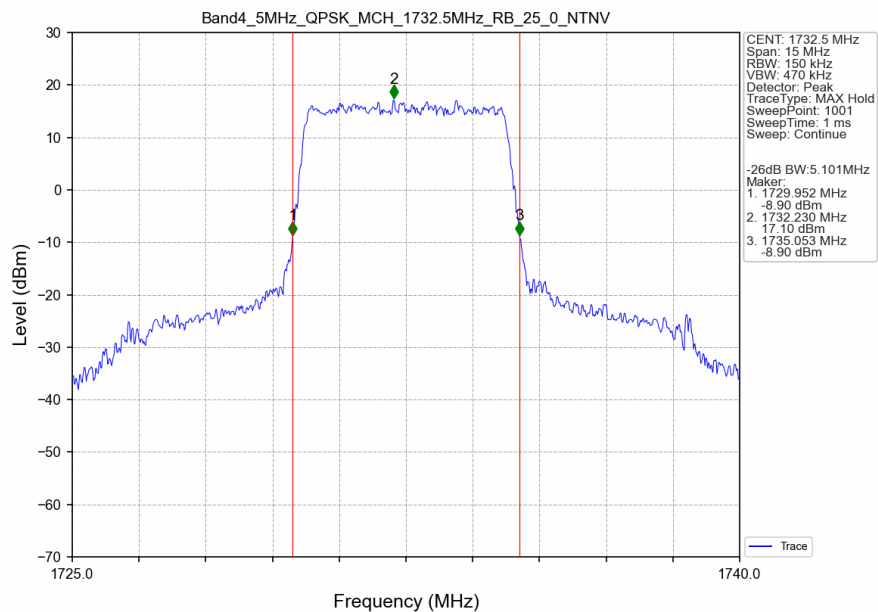


Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV

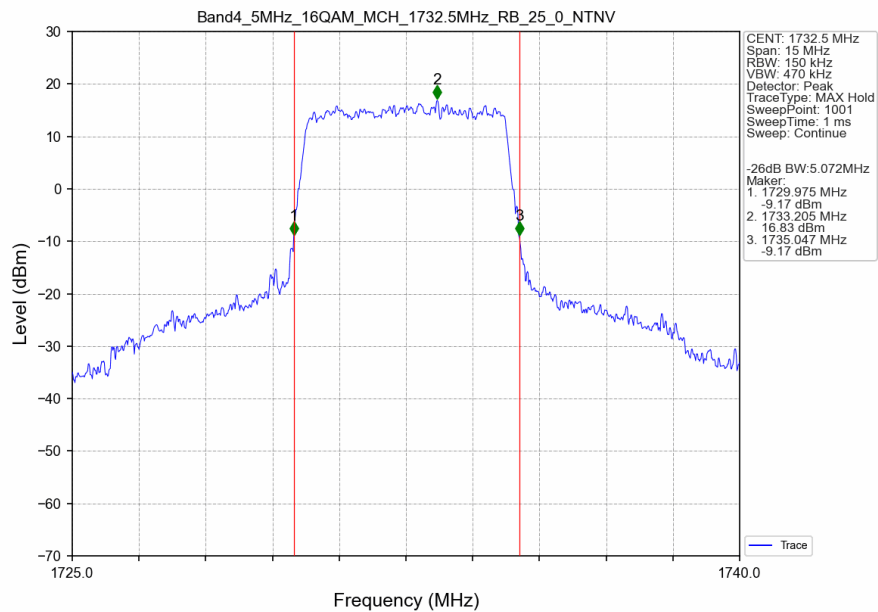




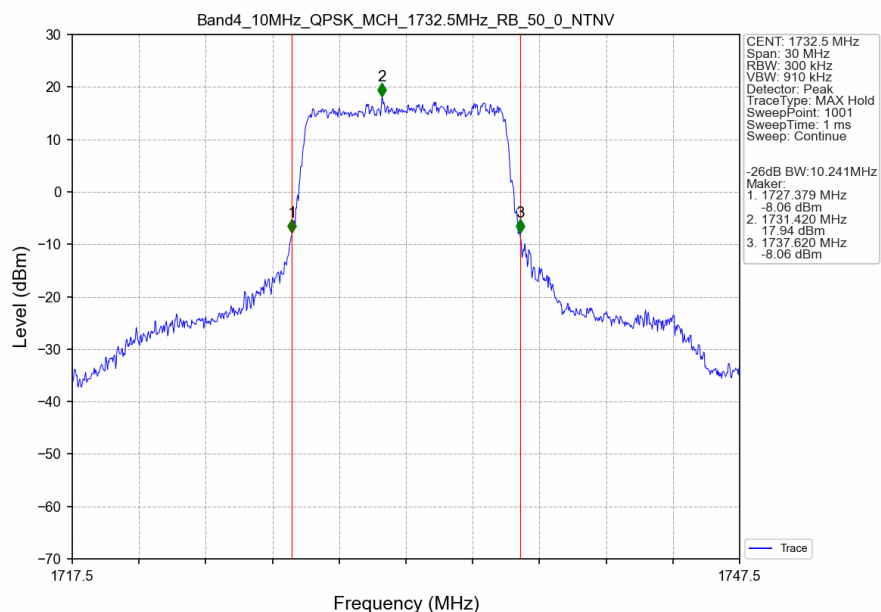
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



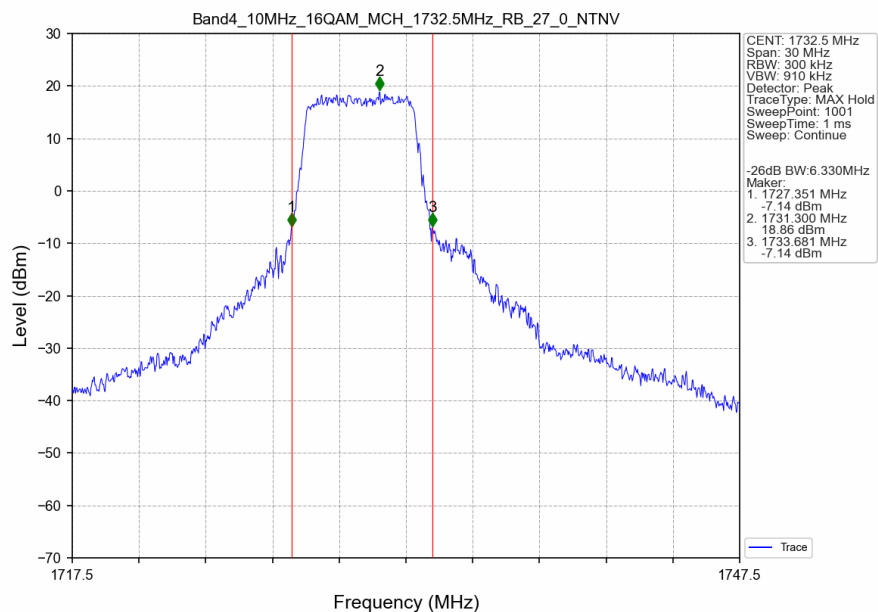
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



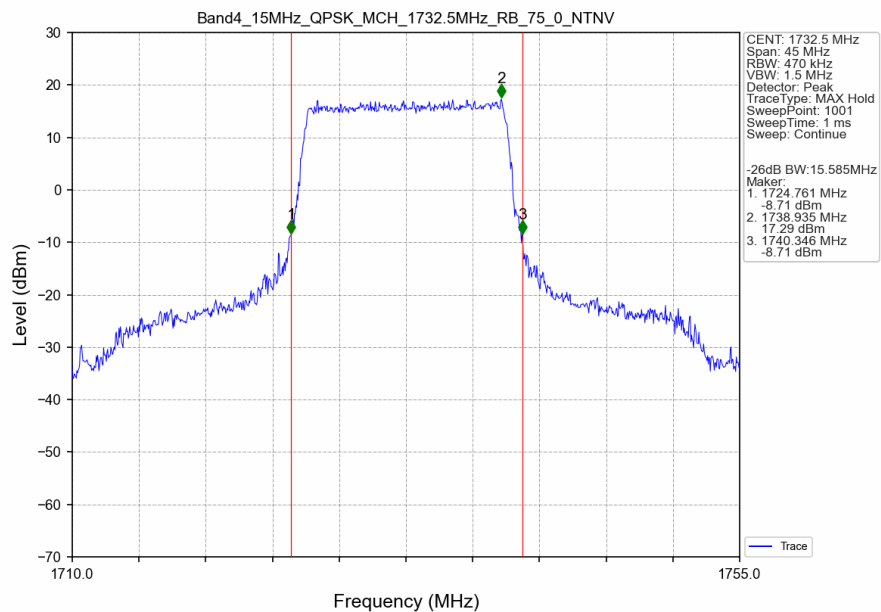
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



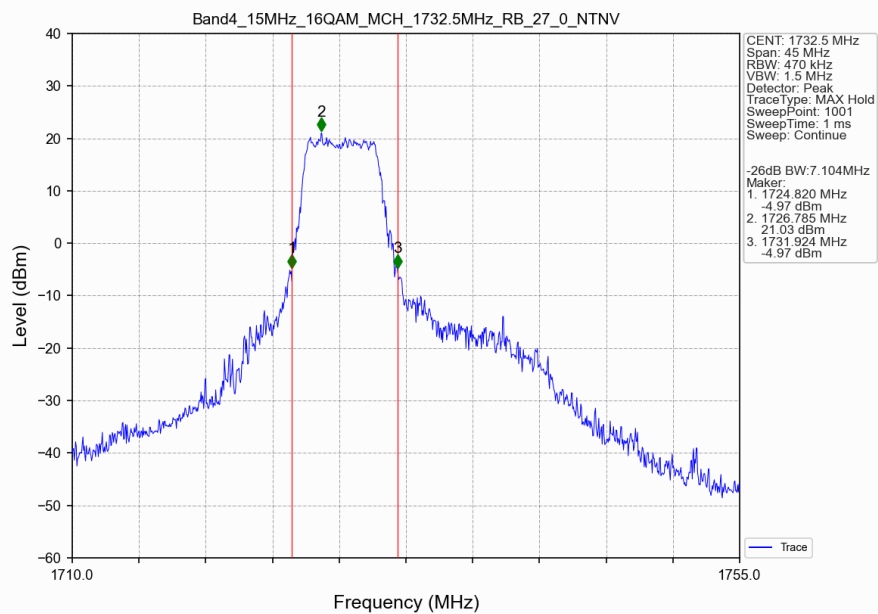
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_27\_0\_NTNV



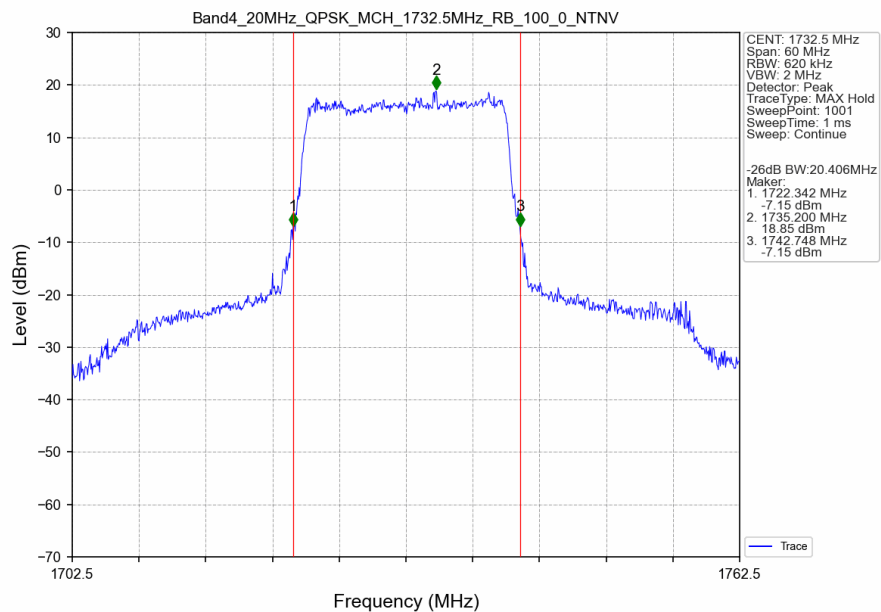
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



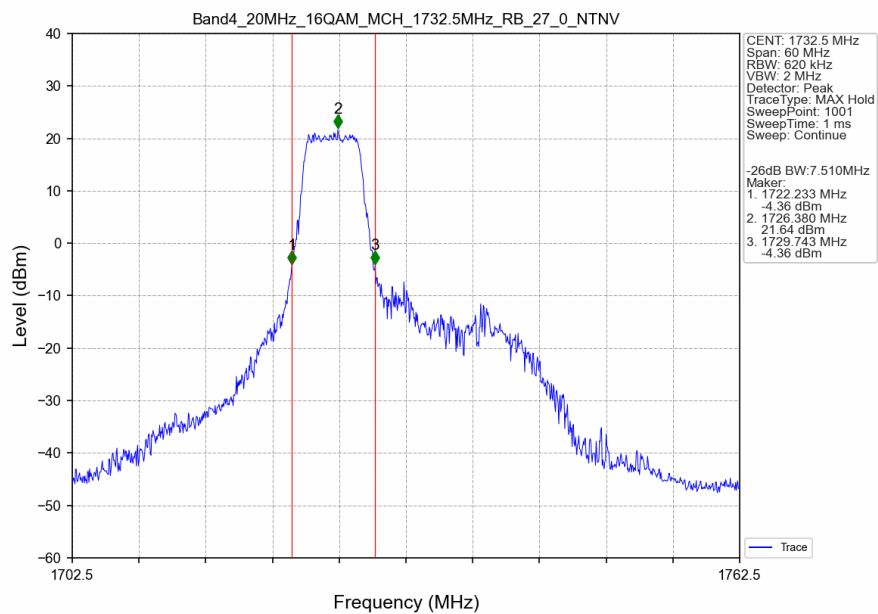
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_27\_0\_NTNV



Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV



Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_27\_0\_NTNV





## 4. Peak-Average Ratio

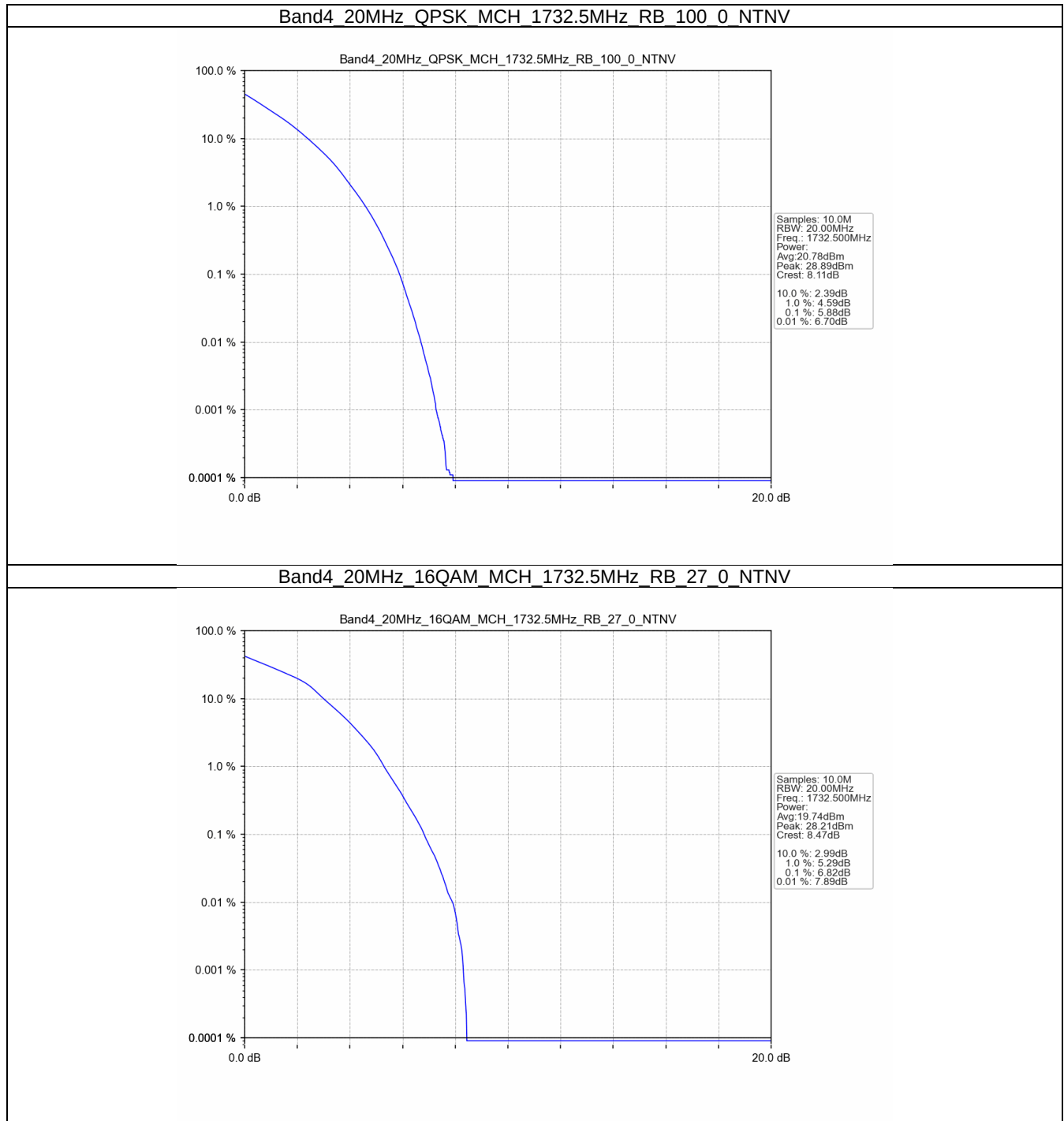
### 4.1 Test Result

#### 4.1.1 B4\_20MHz

| Band: 4 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|-----------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1732.5             | 100           | 0      | 5.88                    | <=13  | Pass    |
| 16QAM                             | 1732.5             | 27            | 0      | 6.82                    | <=13  | Pass    |

## 4.2 Test Graph

### 4.2.1 B4\_20MHz



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B4\_1.4MHz

| Band: 4 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1754.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B4\_3MHz

| Band: 4 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1711.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1753.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B4\_5MHz

| Band: 4 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1712.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1752.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B4\_10MHz

| Band: 4 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1715            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  | 1732.5 | 1  | 0  | Refer To Test Graph | Pass |
|  | 1750   | 1  | 0  | Refer To Test Graph | Pass |
|  |        |    | 49 | Refer To Test Graph | Pass |
|  |        | 50 | 0  | Refer To Test Graph | Pass |

### 5.1.5 B4\_15MHz

| Band: 4 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1717.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1747.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                  |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

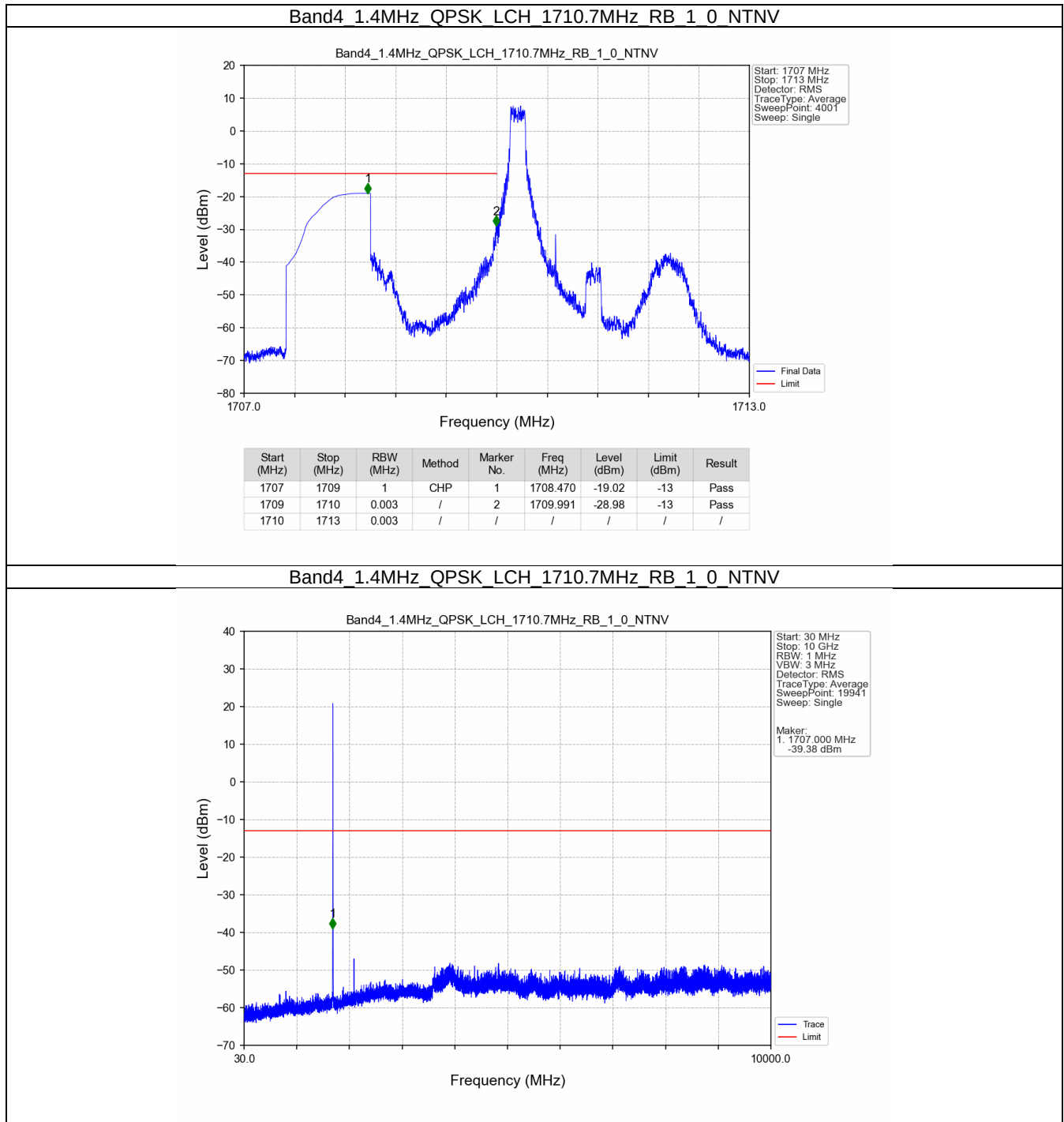
### 5.1.6 B4\_20MHz

| Band: 4 / Bandwidth: 20MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1720            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

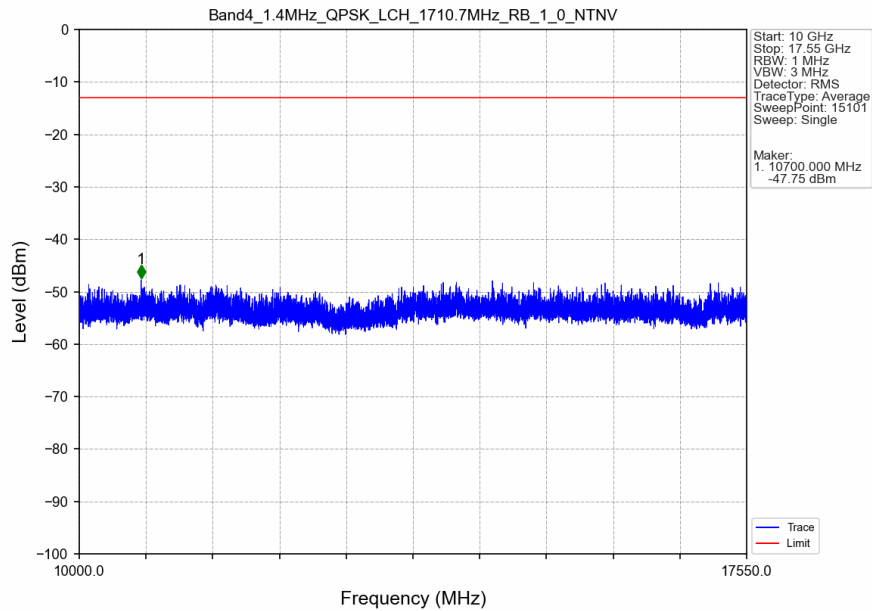


## 5.2 Test Graph

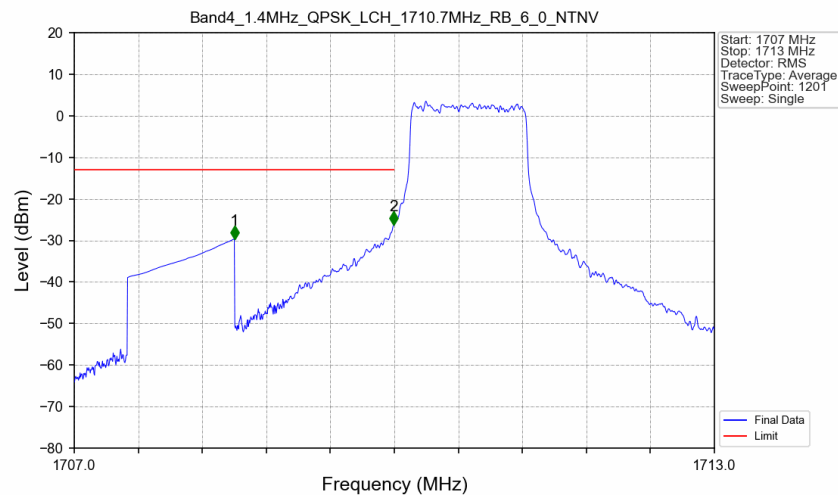
### 5.2.1 B4\_1.4MHz



## Band4\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

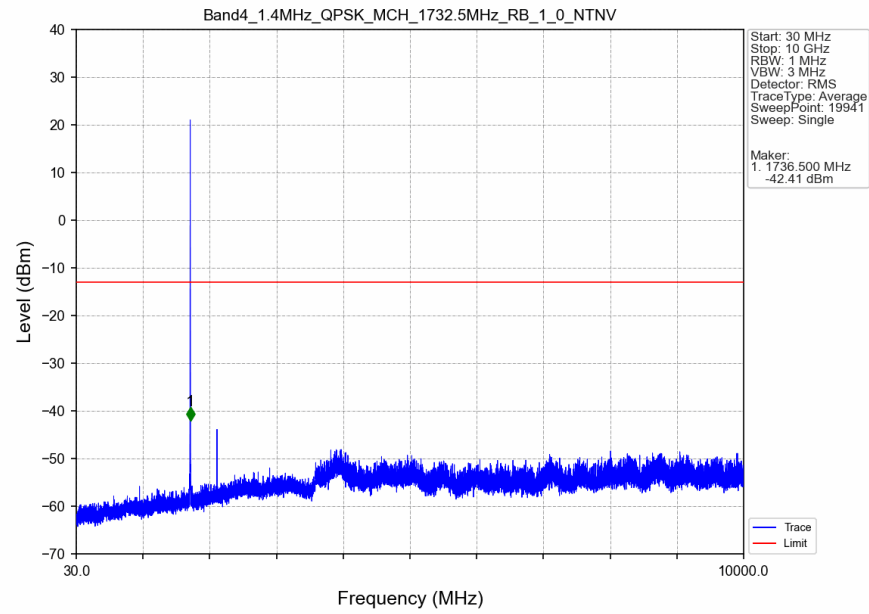


## Band4\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

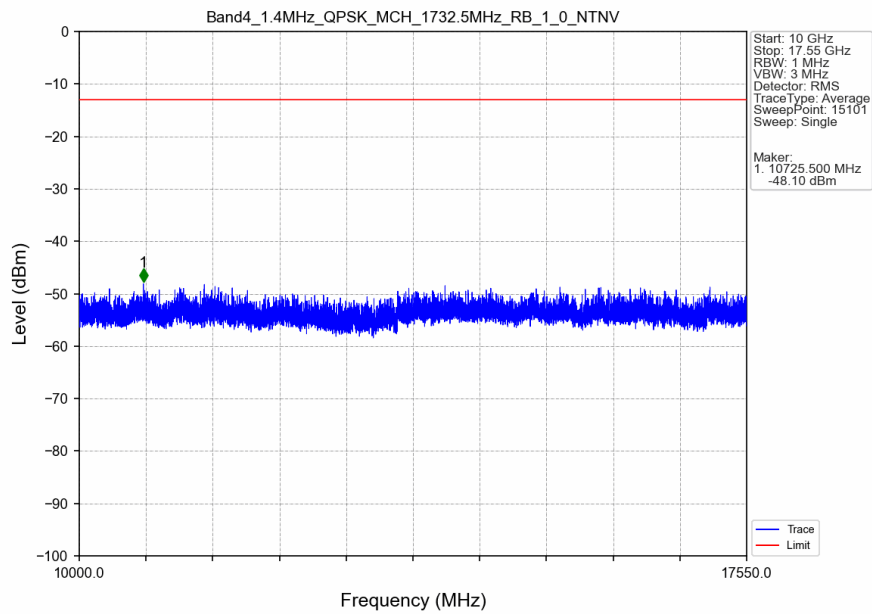


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -29.65      | -13         | Pass   |
| 1709        | 1710       | 0.013     | CHP    | 2          | 1709.995   | -26.14      | -13         | Pass   |
| 1710        | 1713       | 0.013     | CHP    | /          | /          | /           | /           | /      |

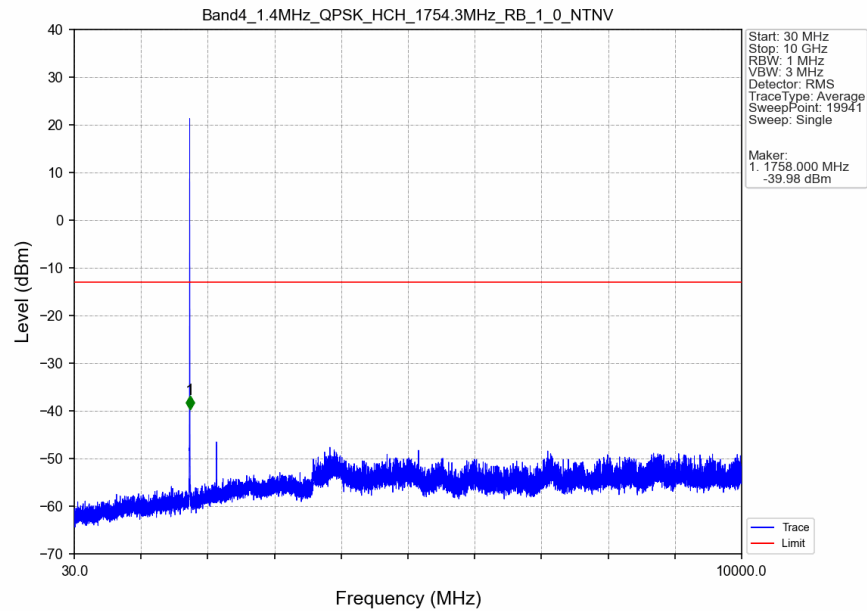
Band4\_1.4MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



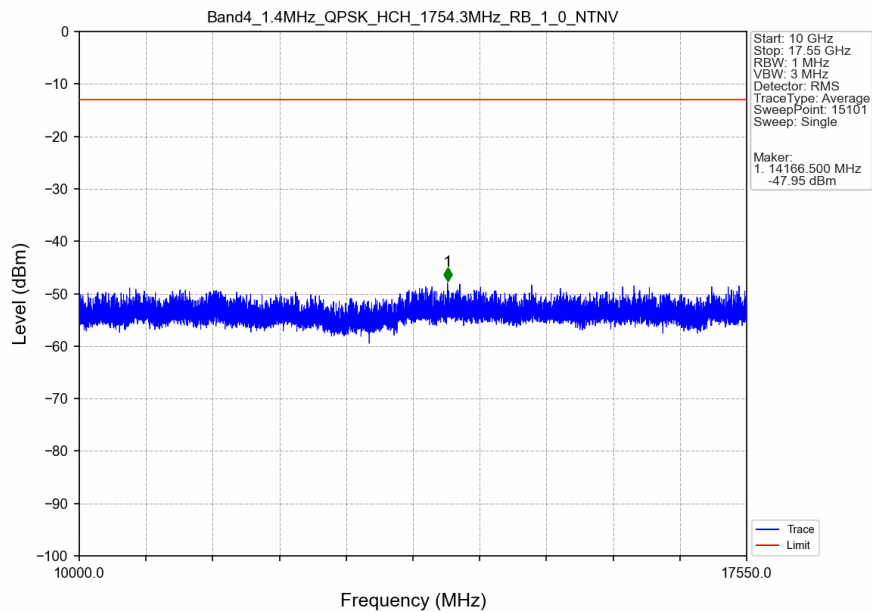
Band4\_1.4MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



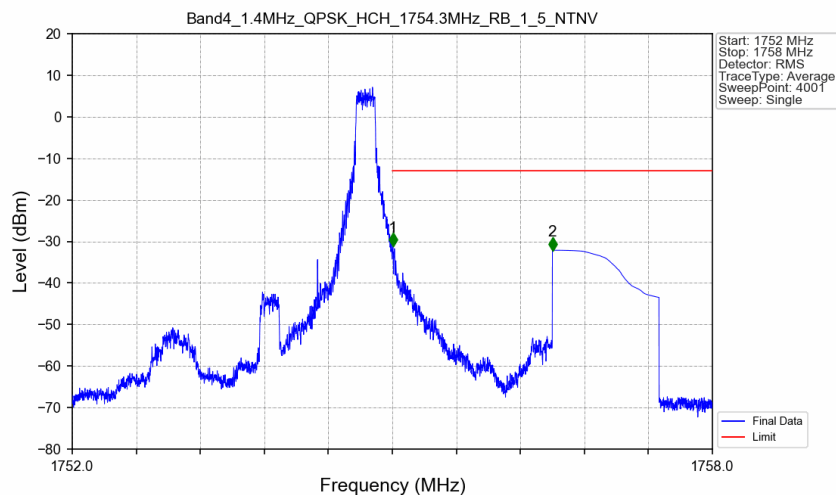
Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



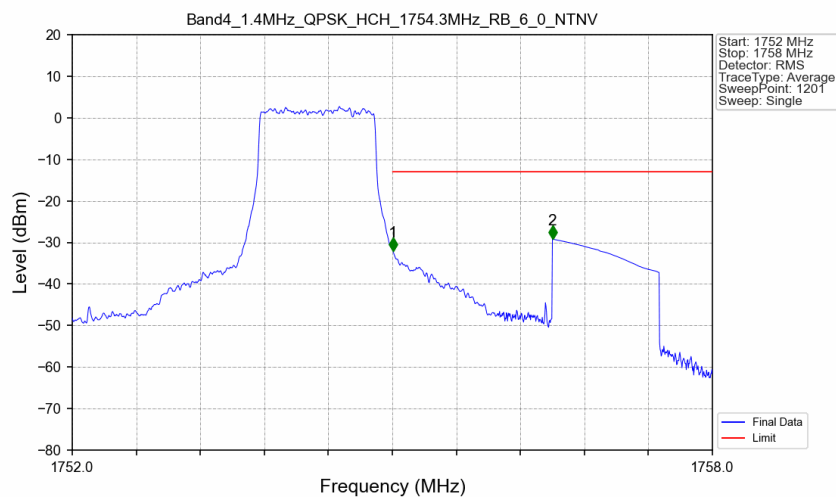
Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



## Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_5\_NTNV

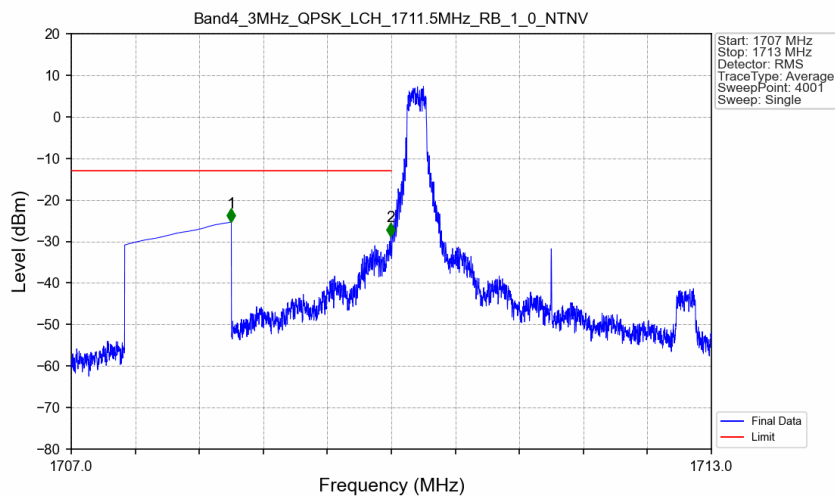


## Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_6\_0\_NTNV

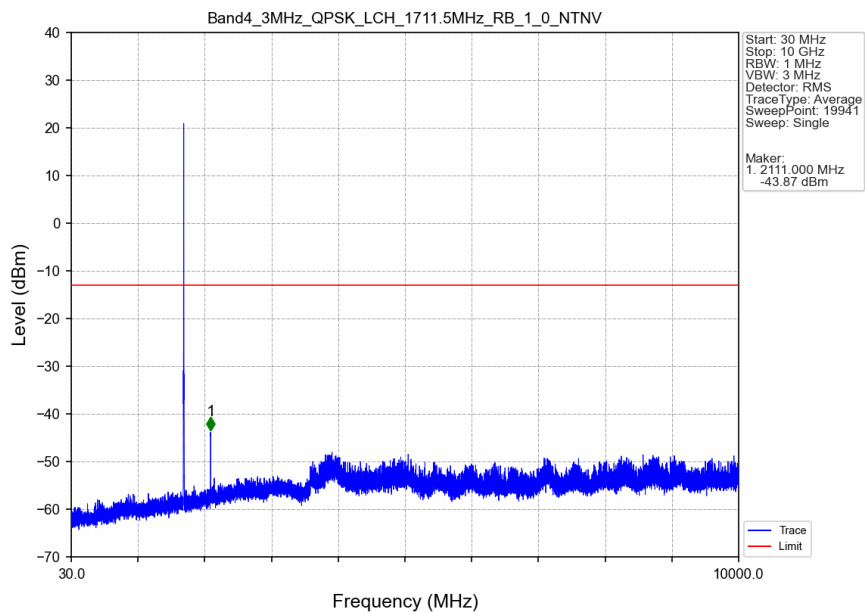


### 5.2.2 B4\_3MHz

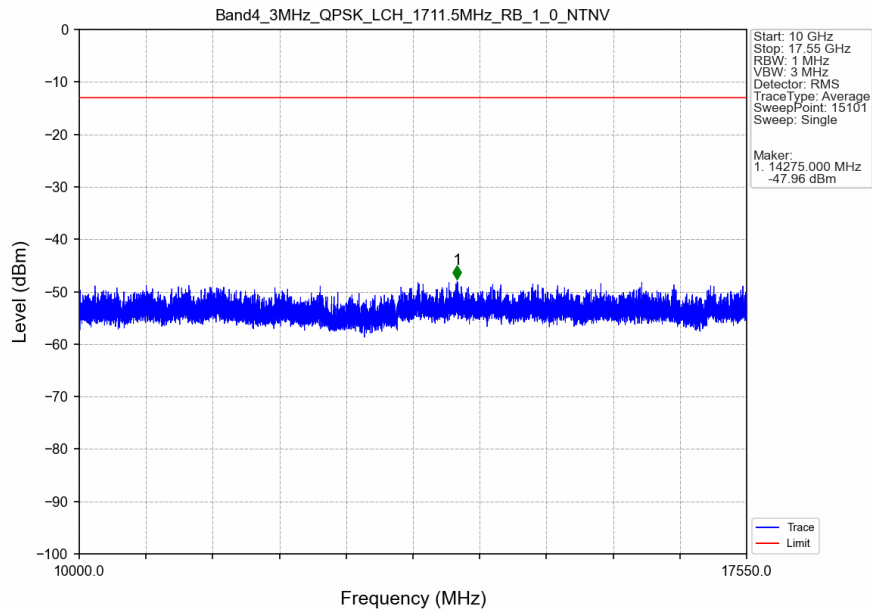
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



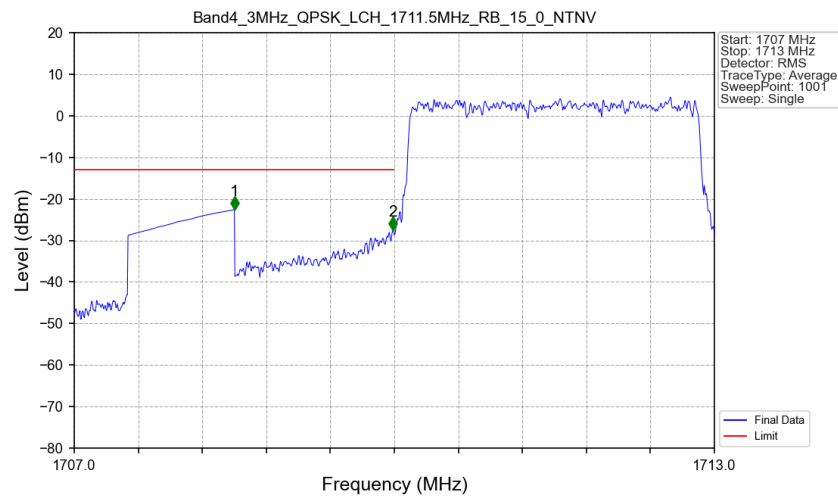
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



## Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV

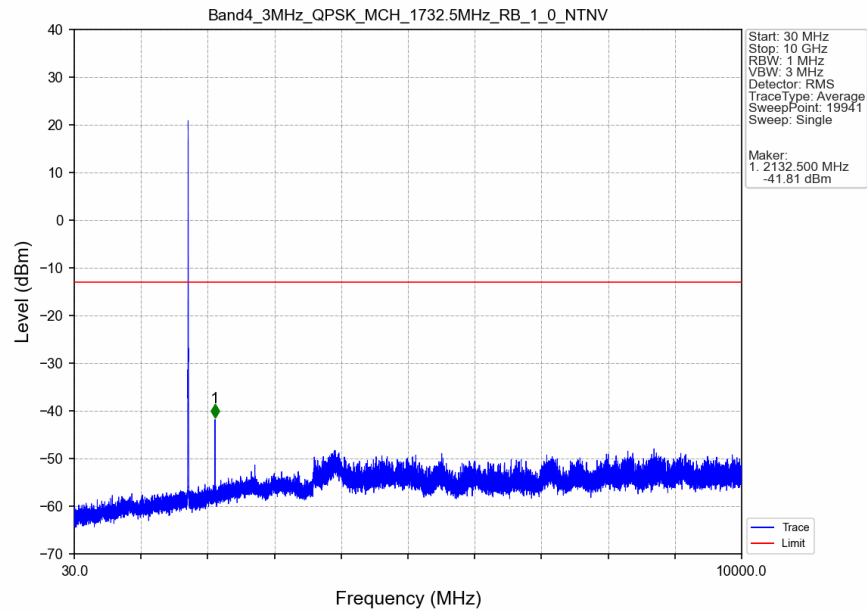


## Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

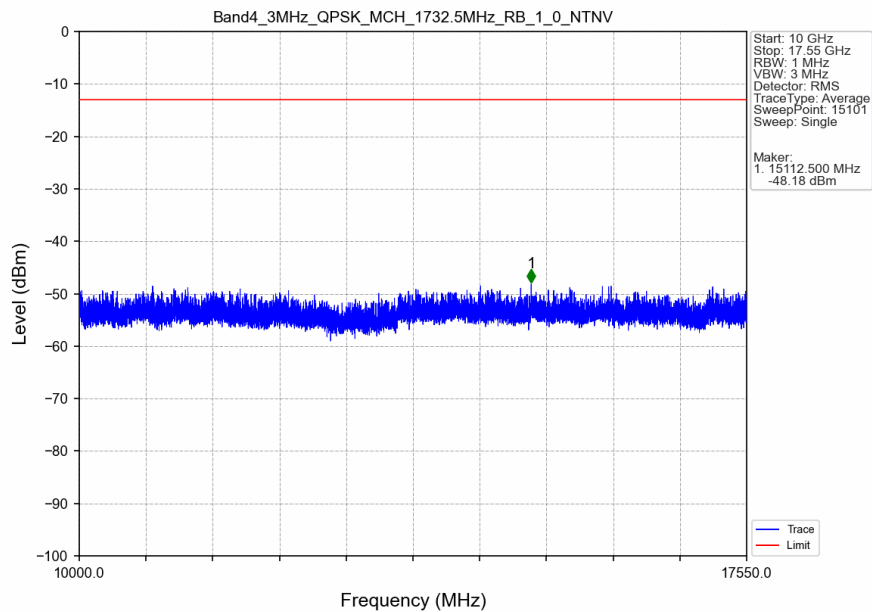


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -22.60      | -13         | Pass   |
| 1709        | 1710       | 0.03      | /      | 2          | 1709.988   | -27.56      | -13         | Pass   |
| 1710        | 1713       | 0.03      | /      | /          | /          | /           | /           | /      |

Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

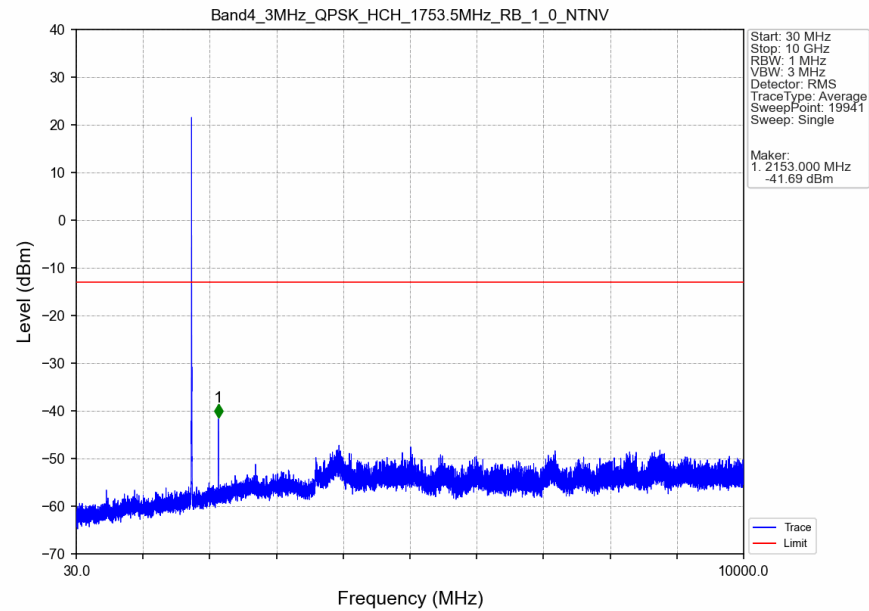


Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV

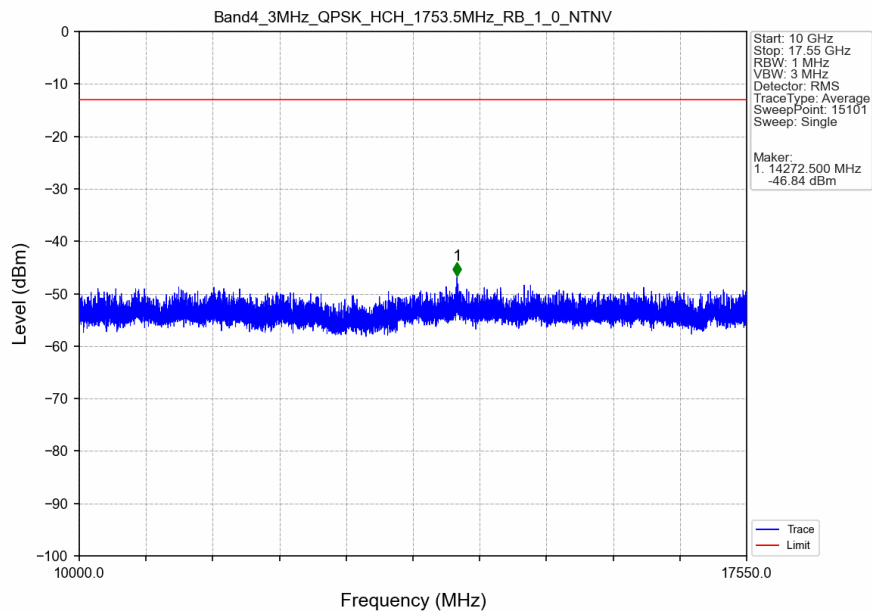




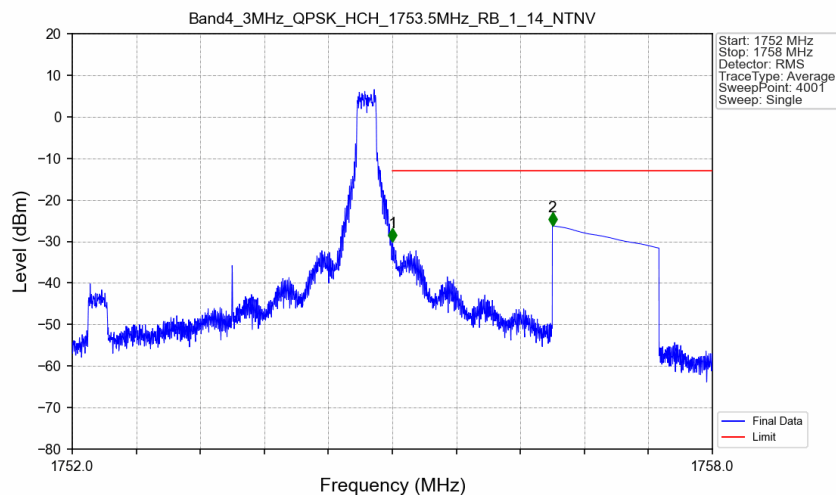
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



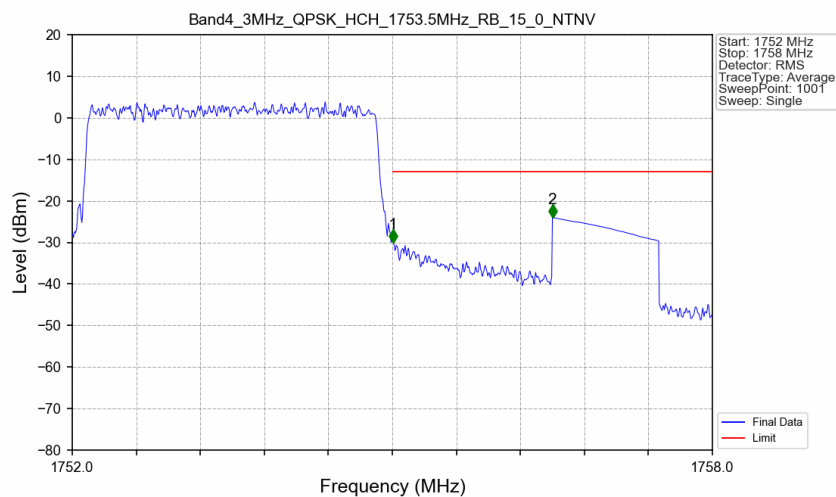
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



## Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV

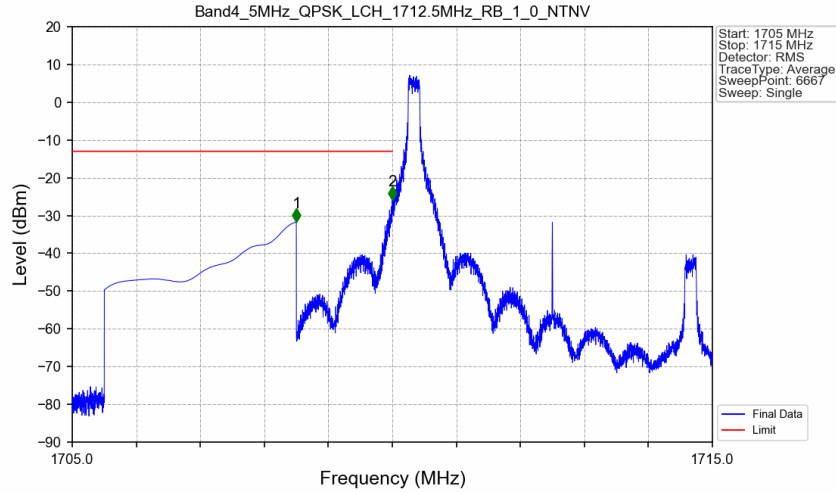


## Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV



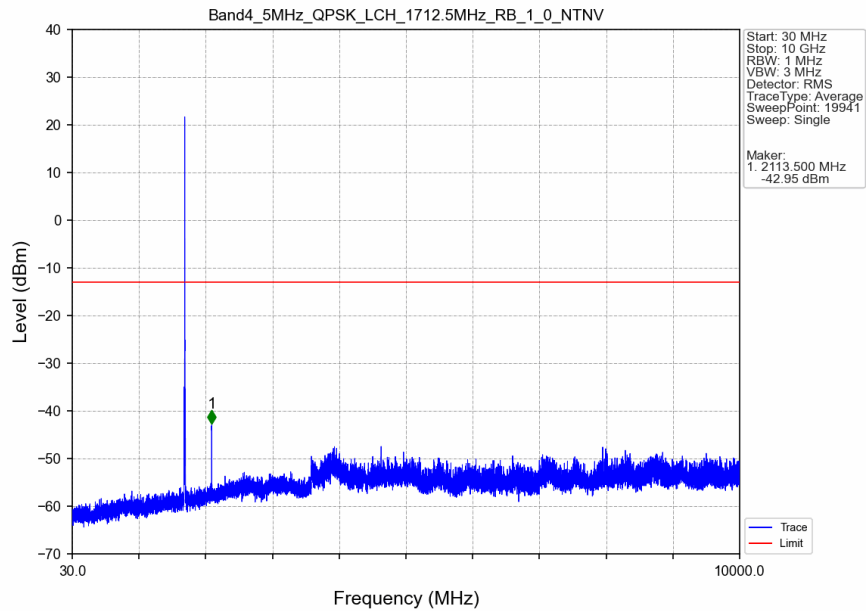
### 5.2.3 B4\_5MHz

Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

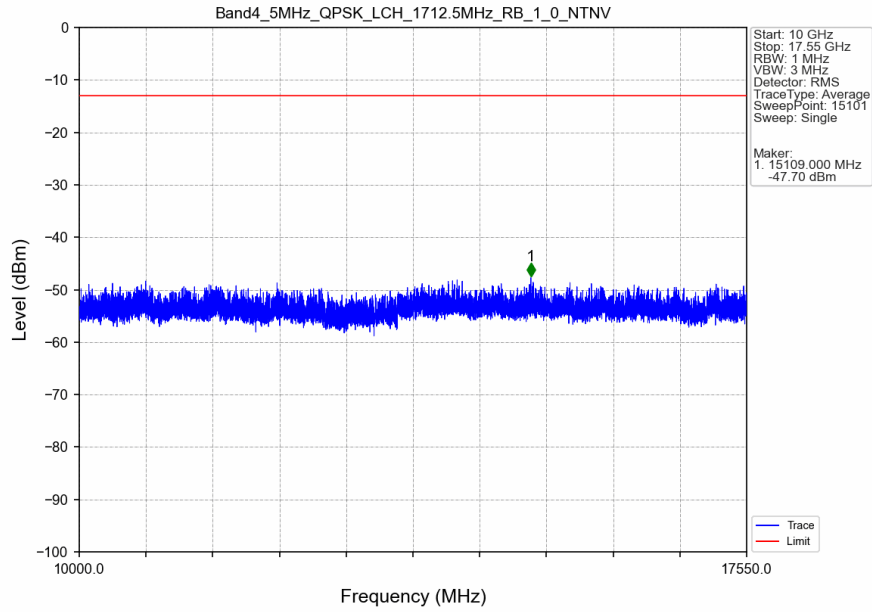


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -31.72      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.998   | -25.83      | -13         | Pass   |
| 1710        | 1715       | 0.003     | /      | /          | /          | /           | /           | /      |

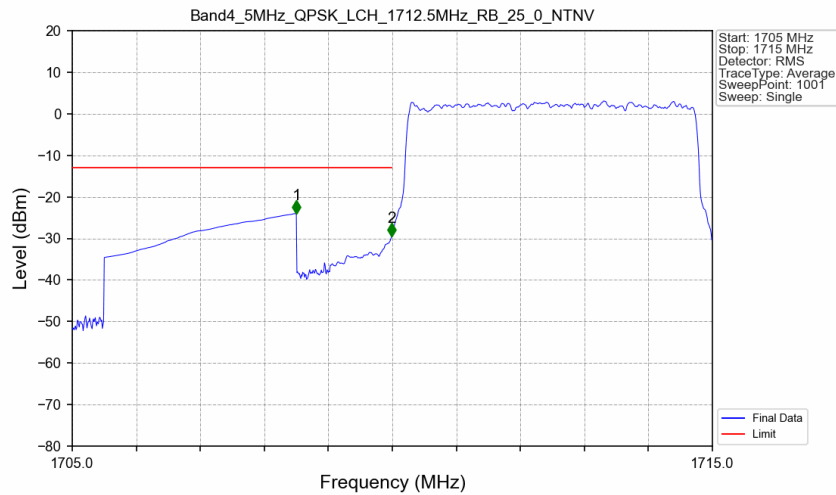
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV

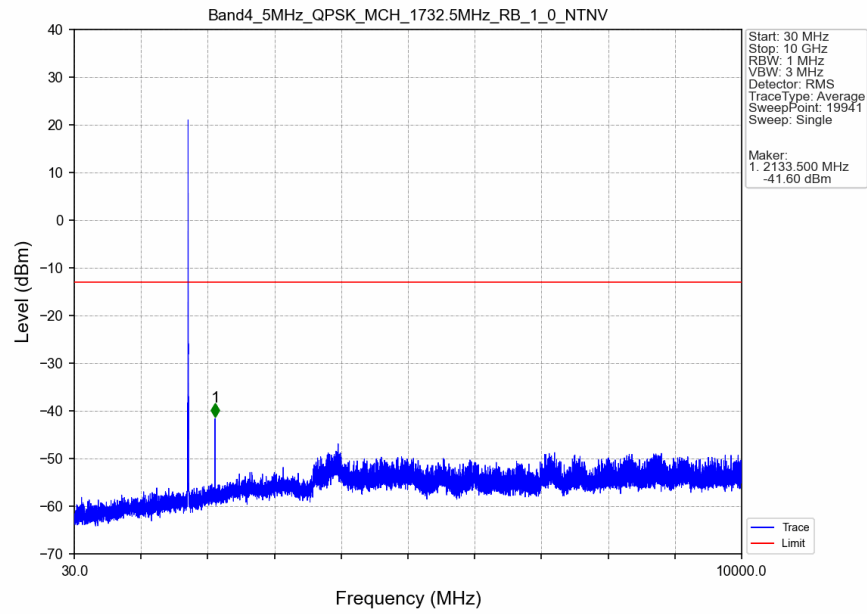


Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

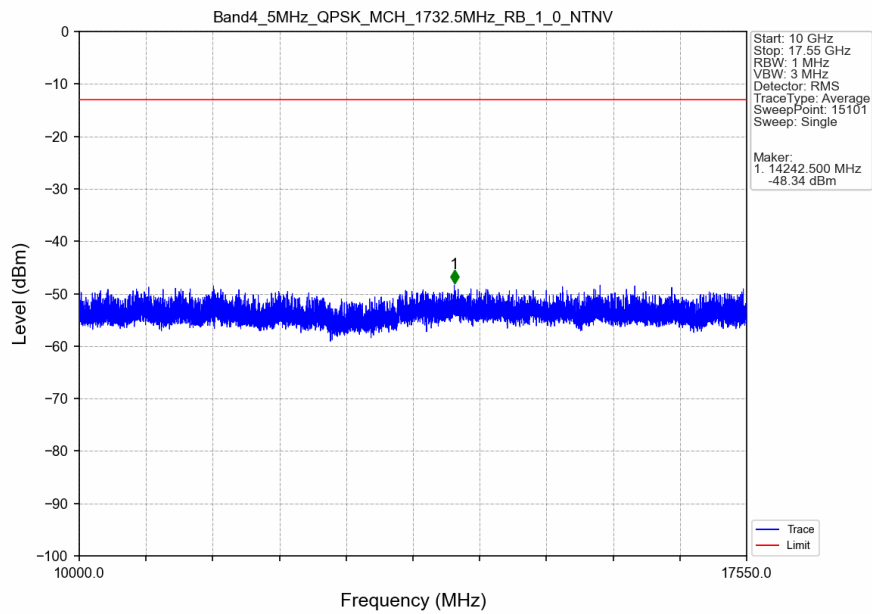


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -24.01      | -13         | Pass   |
| 1709        | 1710       | 0.051     | CHP    | 2          | 1709.990   | -29.41      | -13         | Pass   |
| 1710        | 1715       | 0.051     | CHP    | /          | /          | /           | /           | /      |

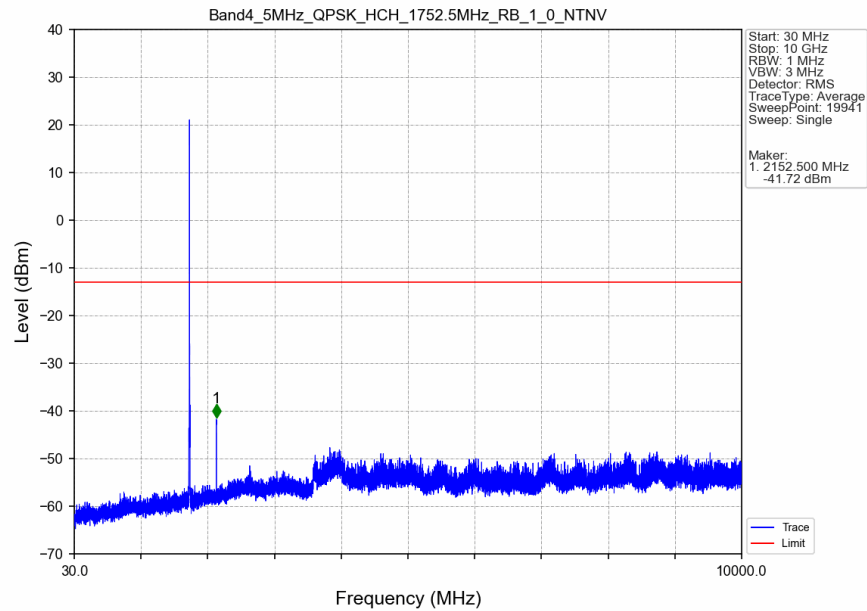
## Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



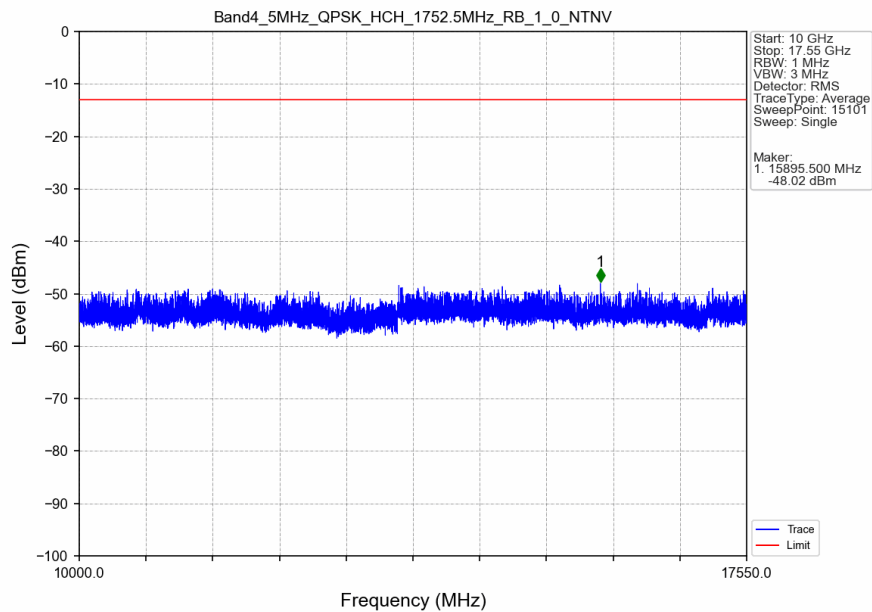
## Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



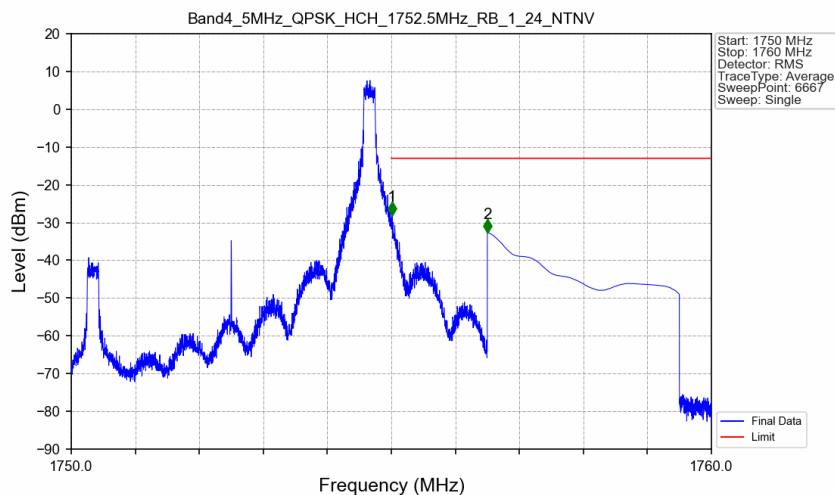
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



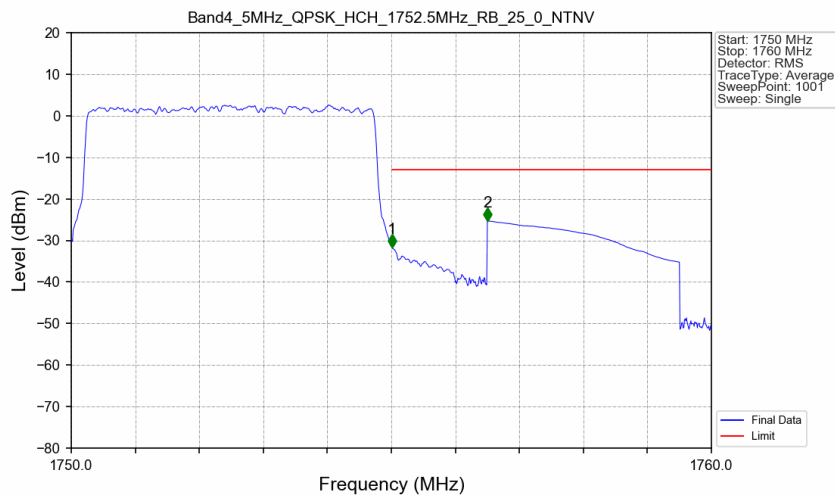
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



## Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV

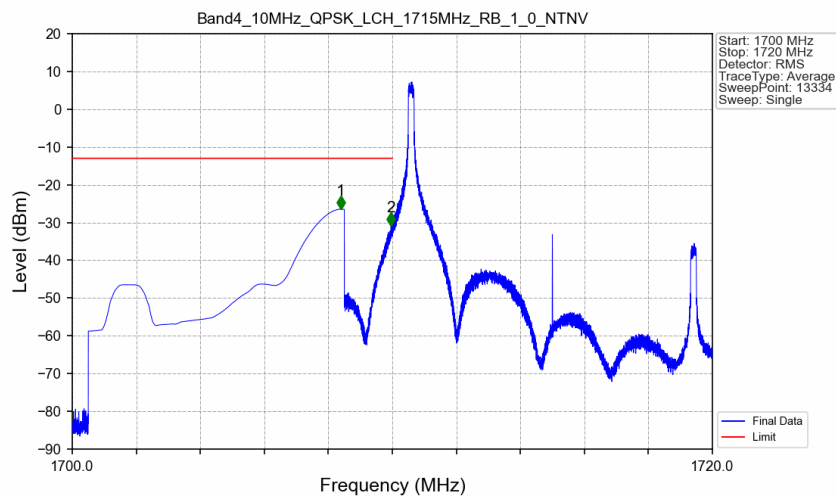


## Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



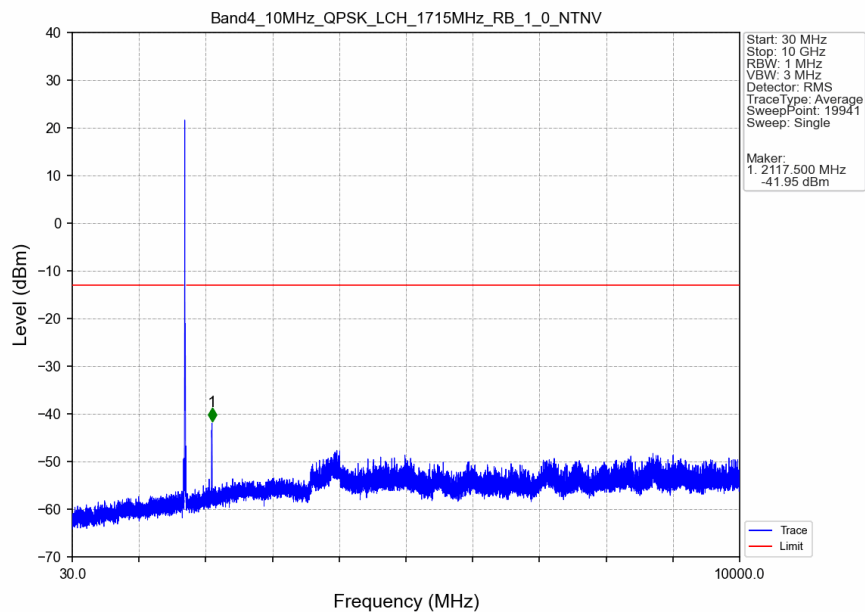
## 5.2.4 B4\_10MHz

Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN



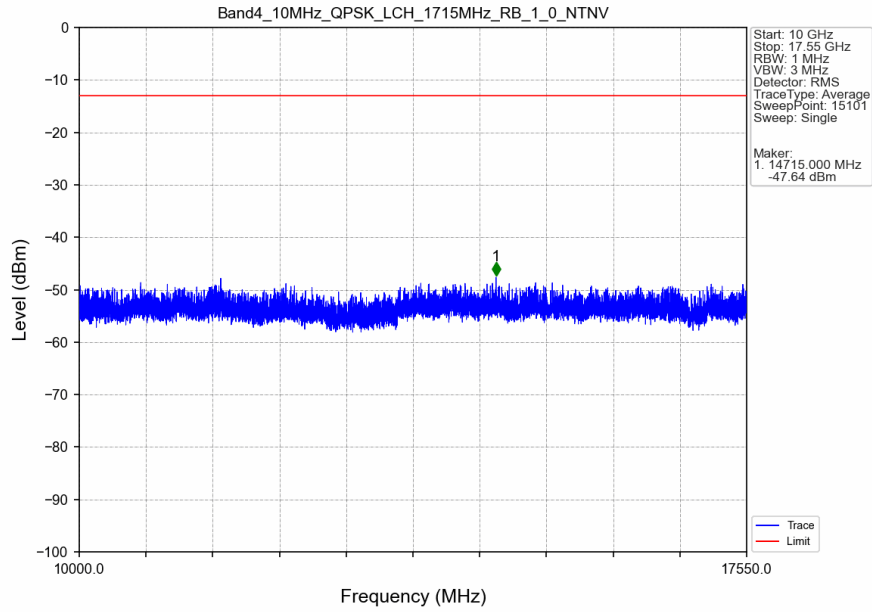
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1708.381   | -26.46      | -13         | Pass   |
| 1709        | 1710       | 0.003     | /      | 2          | 1709.959   | -30.79      | -13         | Pass   |
| 1710        | 1720       | 0.003     | /      | /          | /          | /           | /           | /      |

Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN

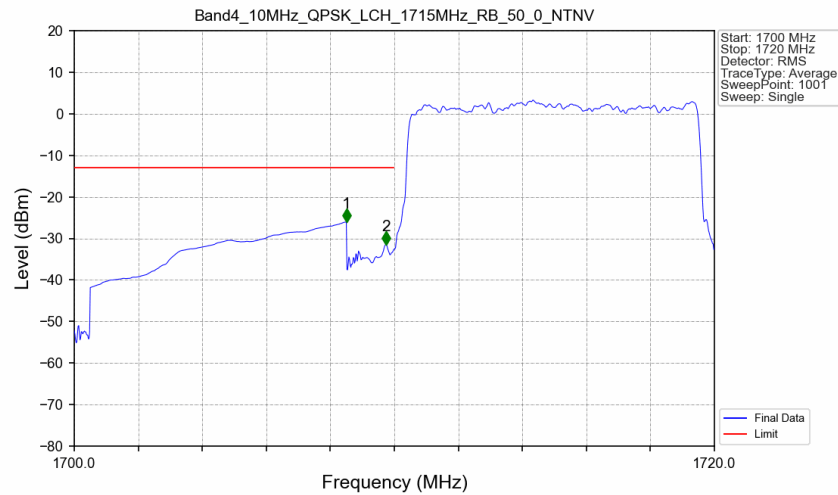




Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV

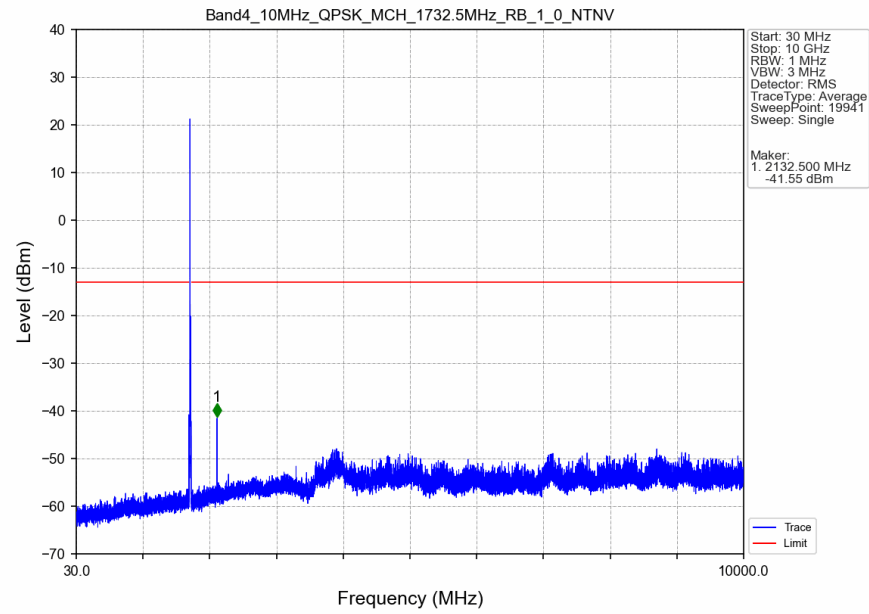


Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

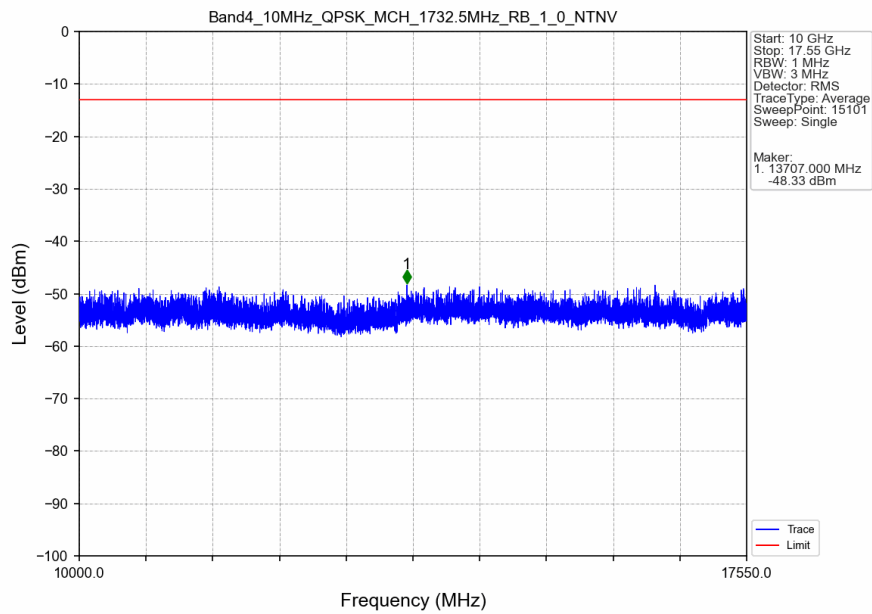


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1708.500   | -26.06      | -13         | Pass   |
| 1709        | 1710       | 0.102     | CHP    | 2          | 1709.740   | -31.43      | -13         | Pass   |
| 1710        | 1720       | 0.102     | CHP    | /          | /          | /           | /           | /      |

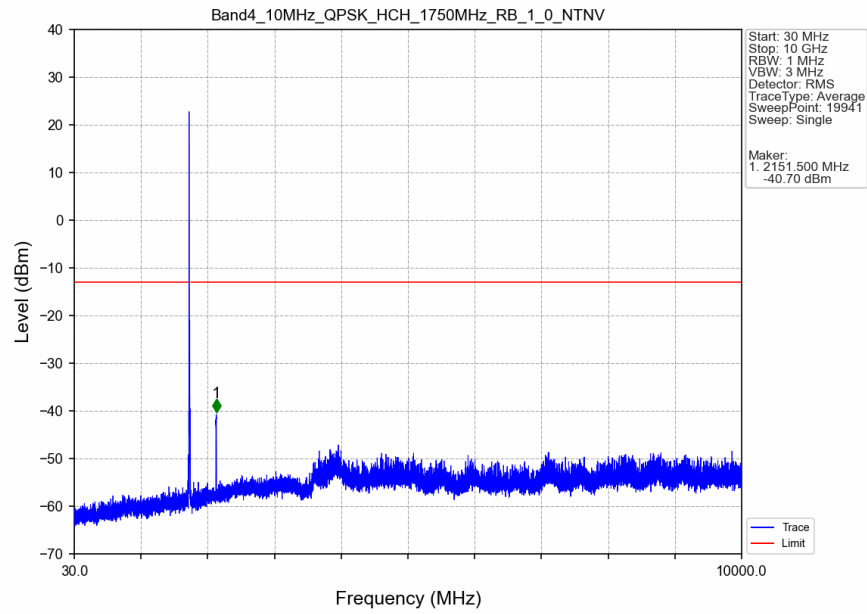
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



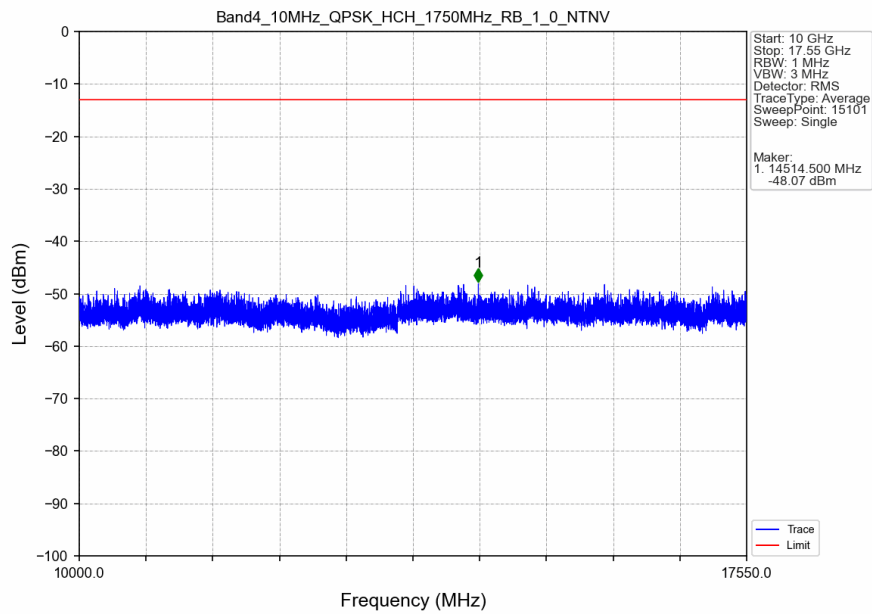
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



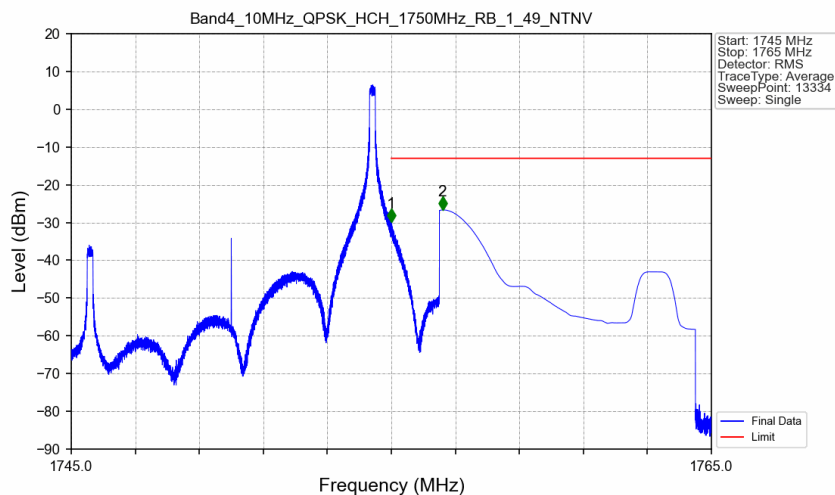
## Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



## Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV

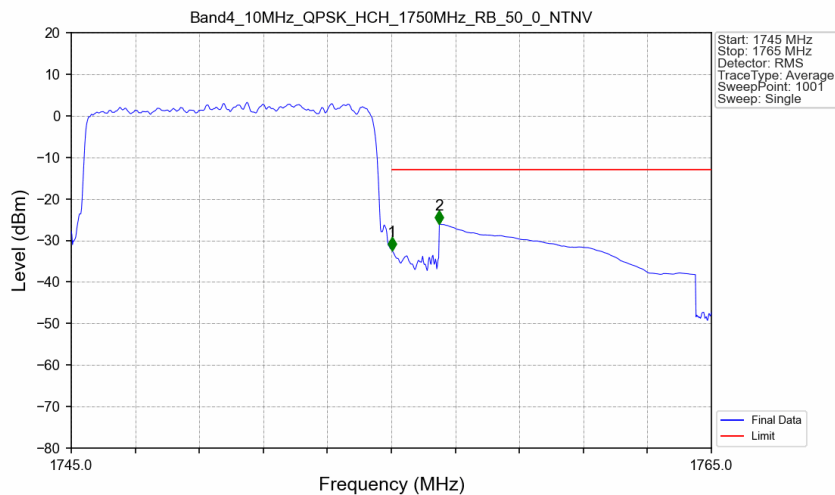


## Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_49\_NTNV



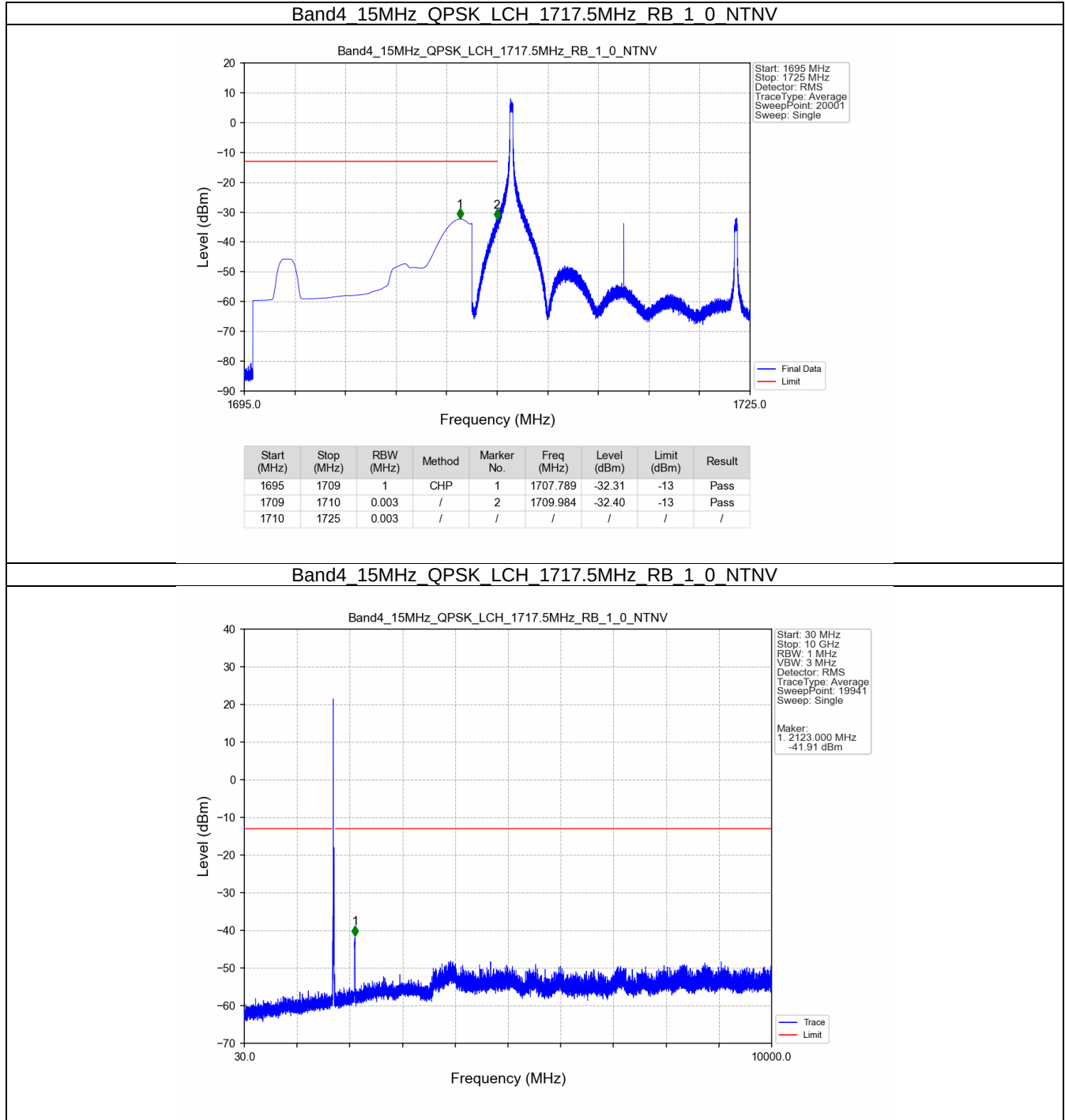
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.001   | -29.88      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.600   | -26.66      | -13         | Pass   |

## Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_50\_0\_NTNV

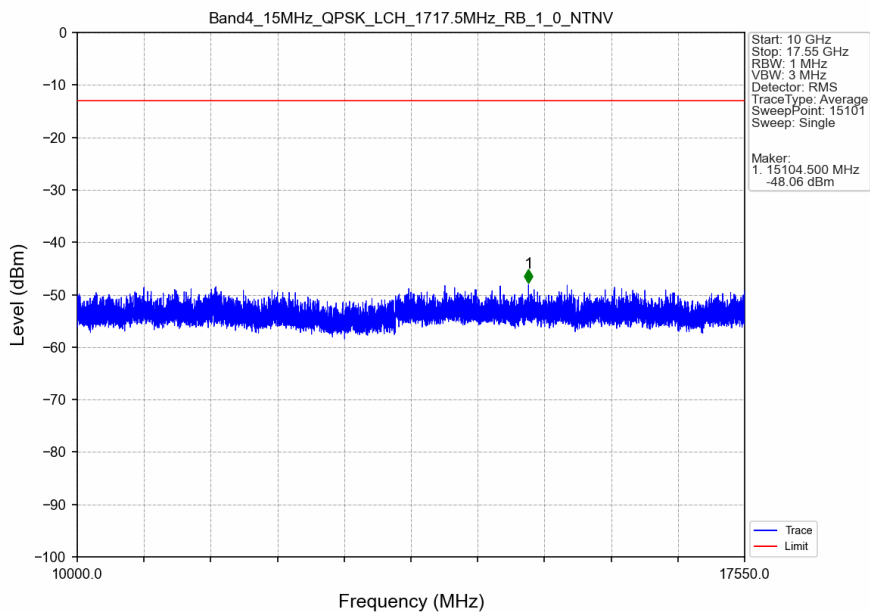


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.102     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.102     | CHP    | 1          | 1755.020   | -32.33      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.500   | -26.02      | -13         | Pass   |

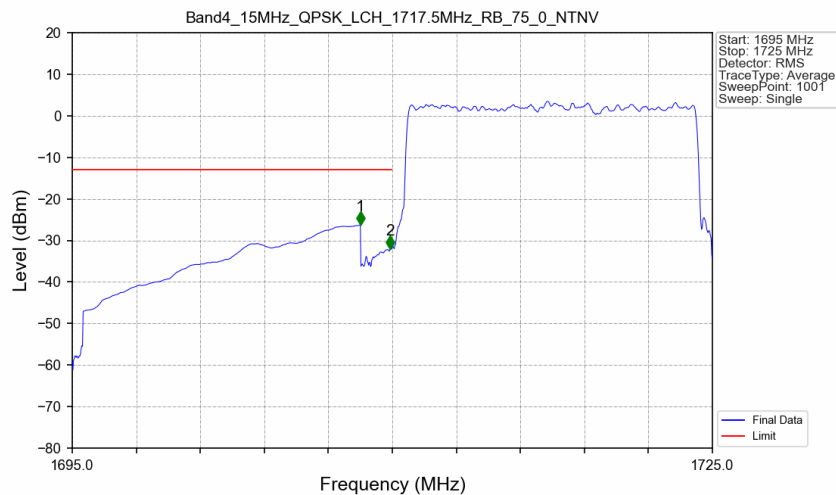
### 5.2.5 B4\_15MHz



## Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV

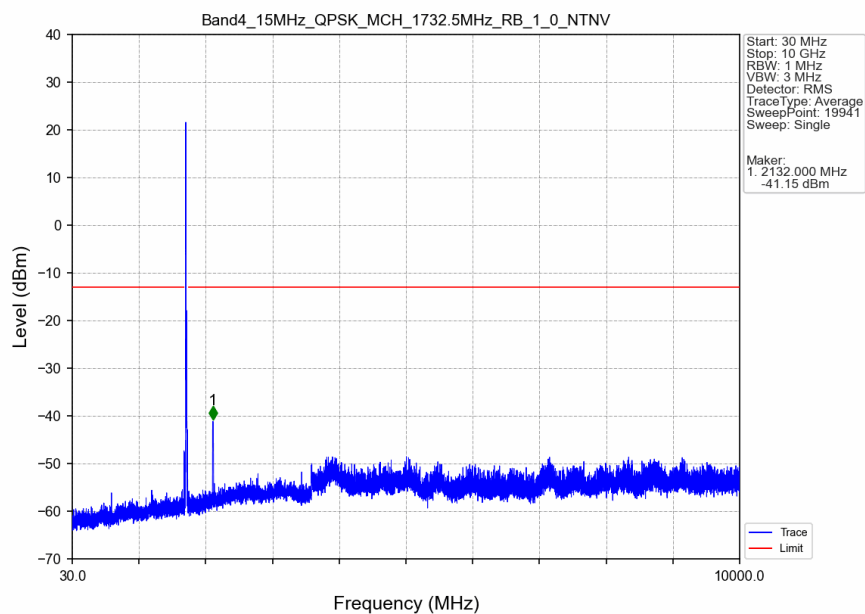


## Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

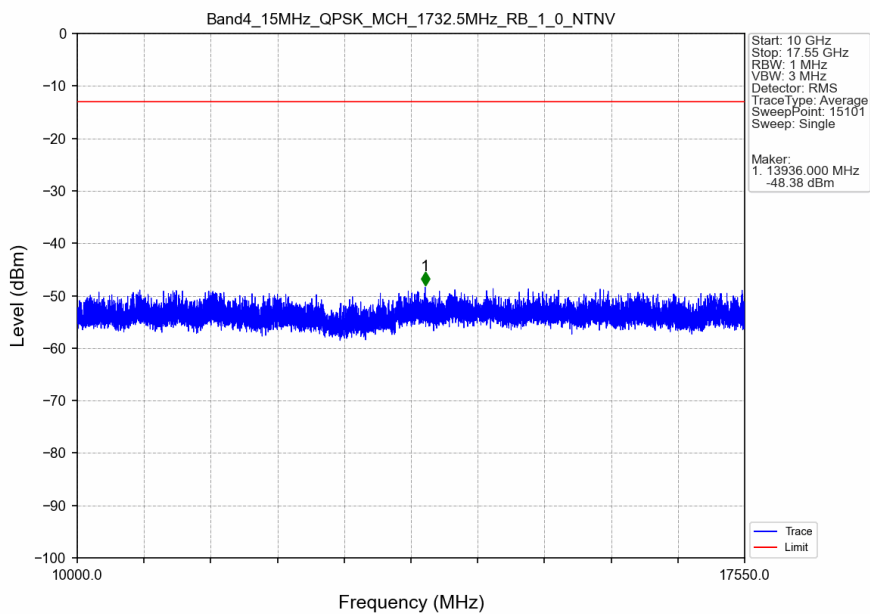


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.500   | -26.29      | -13         | Pass   |
| 1709        | 1710       | 0.156     | CHP    | 2          | 1709.910   | -31.98      | -13         | Pass   |
| 1710        | 1725       | 0.156     | CHP    | /          | /          | /           | /           | /      |

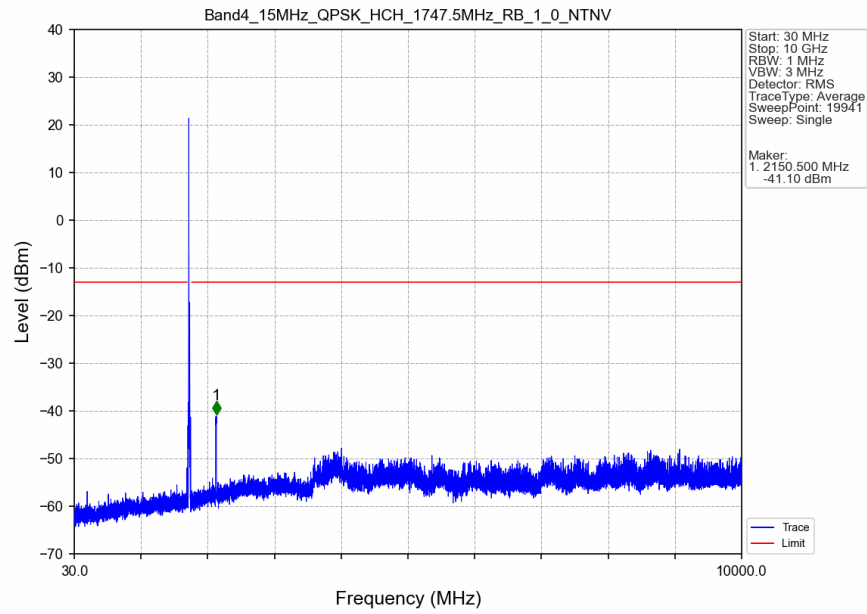
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



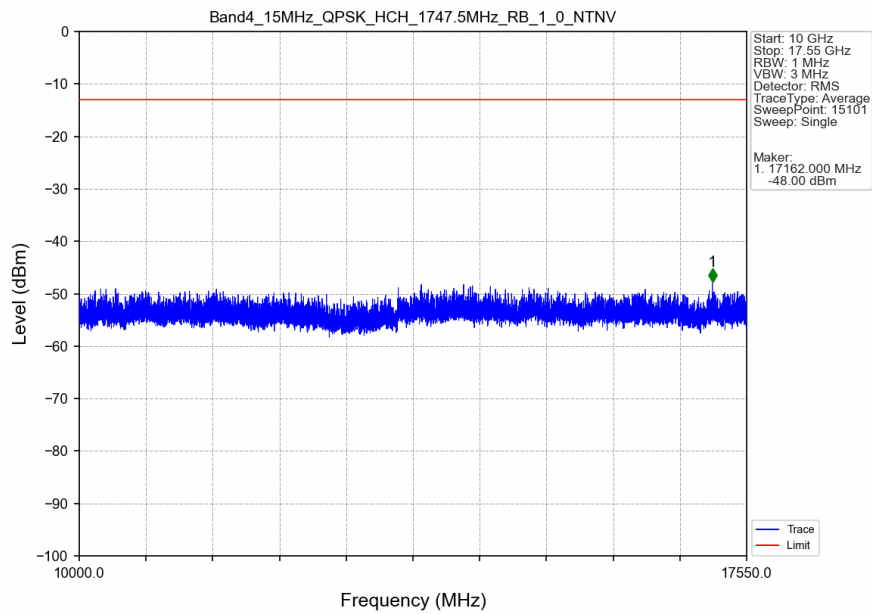
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV

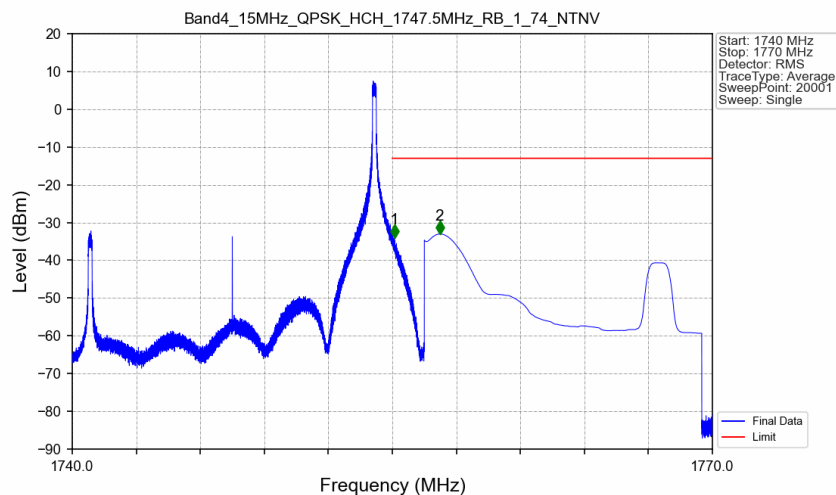


Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV

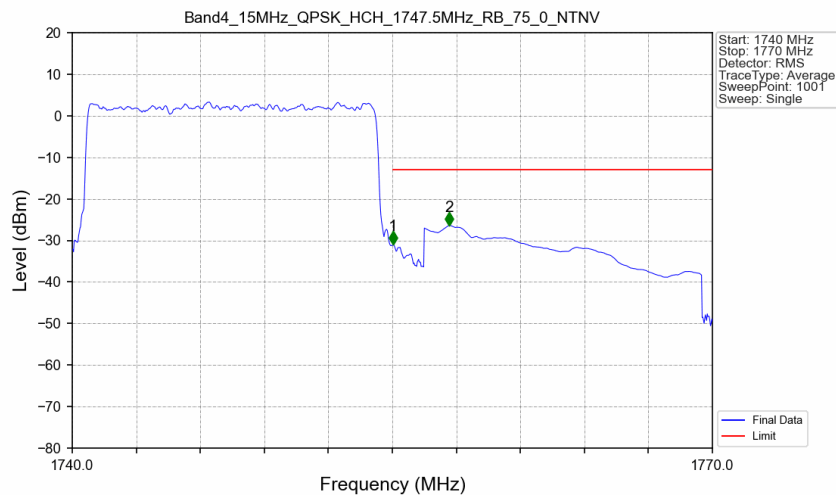




## Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV

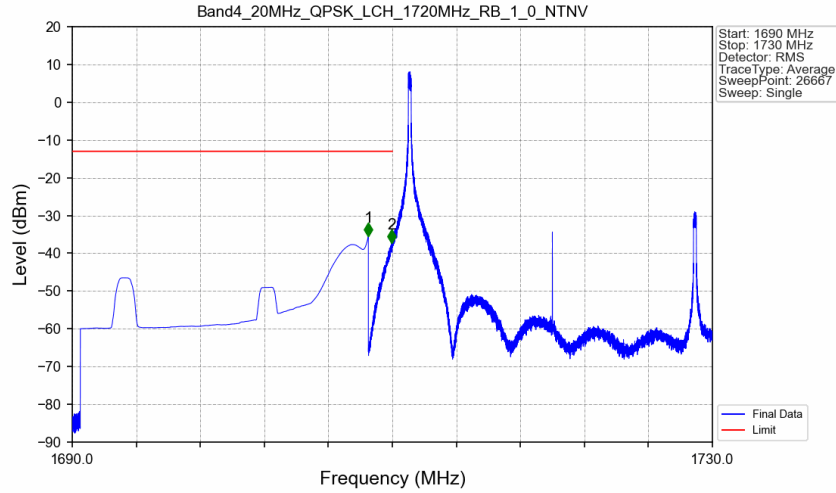


## Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV

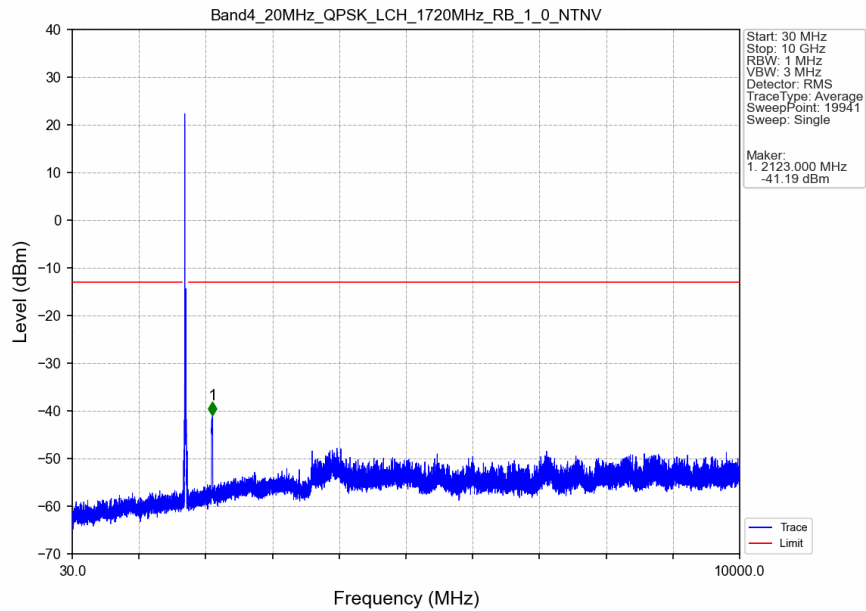


## 5.2.6 B4\_20MHz

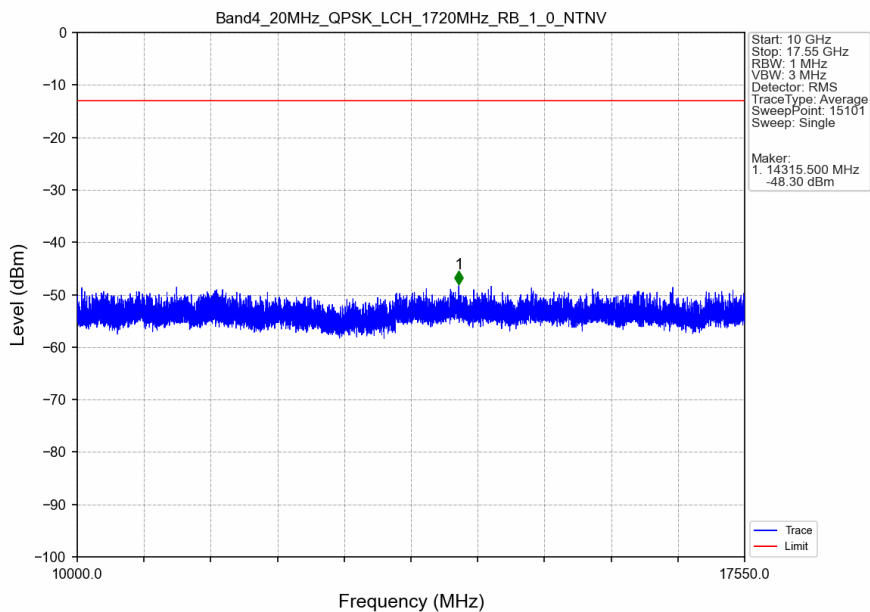
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



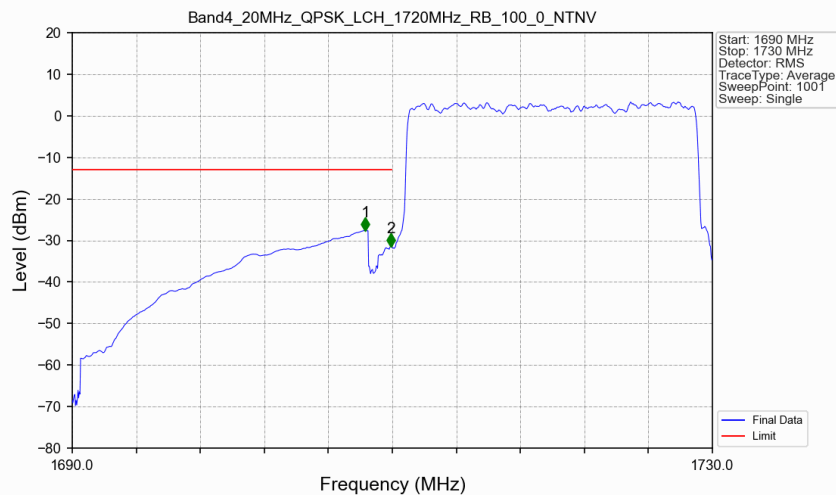
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



## Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV

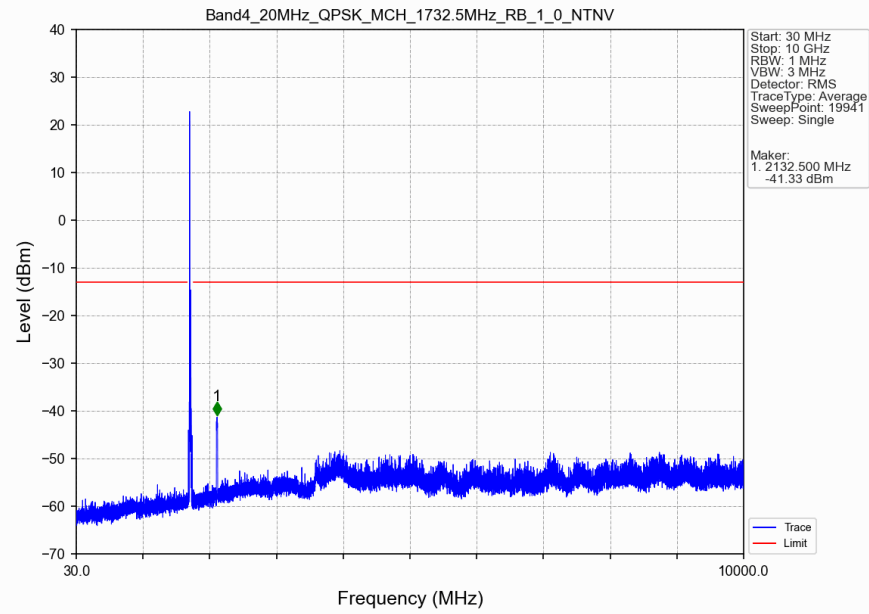


## Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV

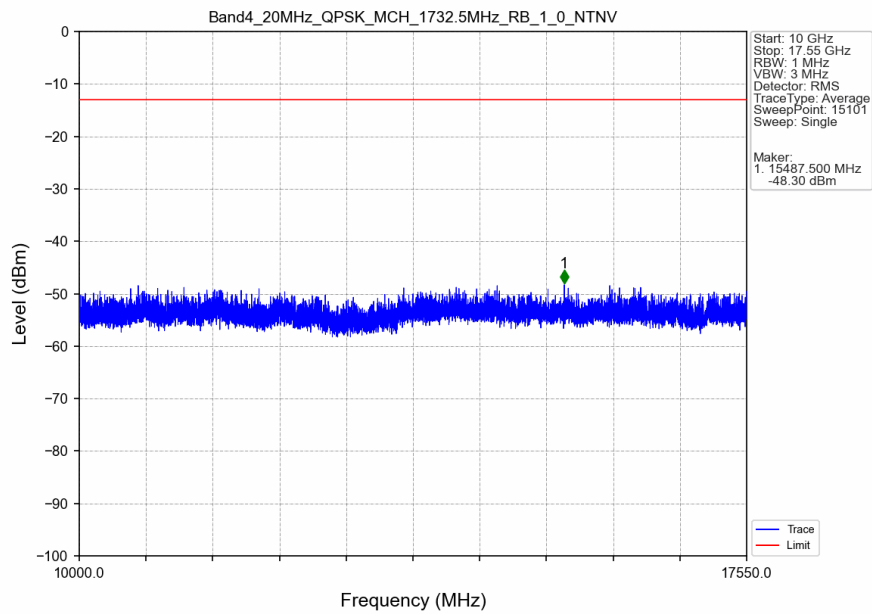


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.320   | -27.60      | -13         | Pass   |
| 1709        | 1710       | 0.204     | CHP    | 2          | 1709.920   | -31.44      | -13         | Pass   |
| 1710        | 1730       | 0.204     | CHP    | /          | /          | /           | /           | /      |

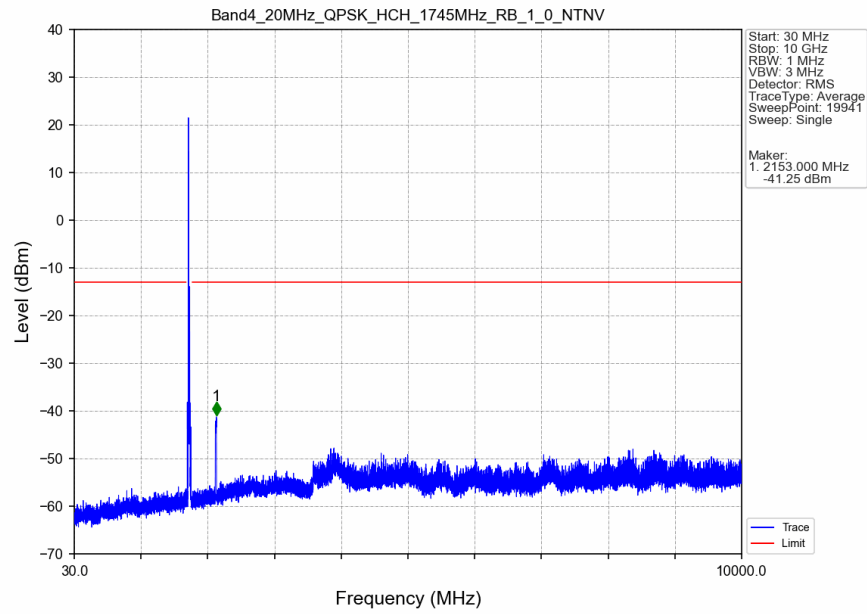
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



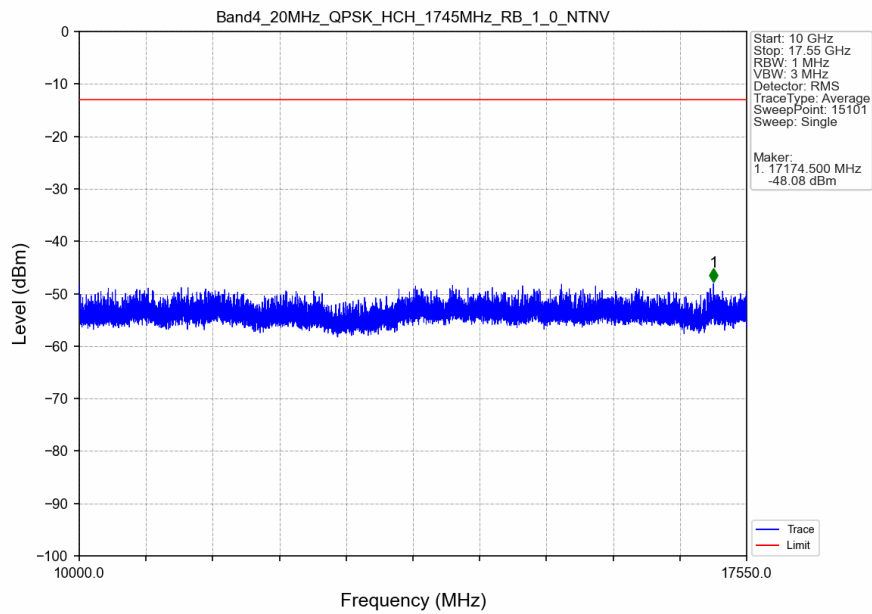
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



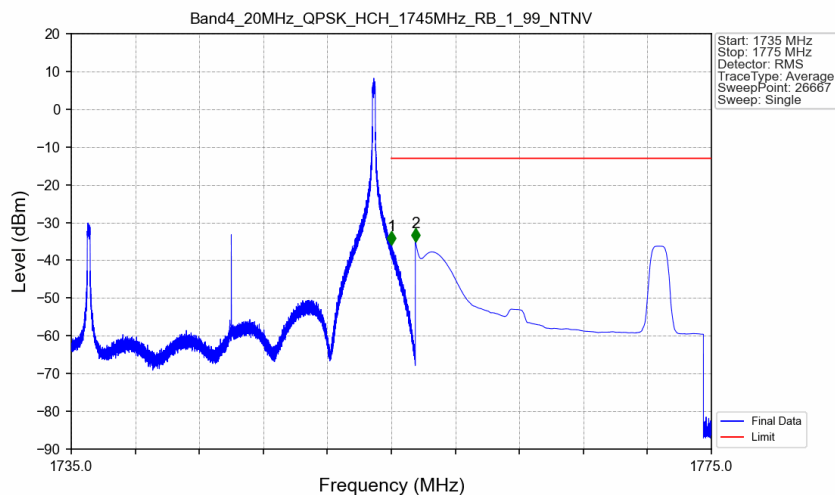
## Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_0\_NTNV



## Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_0\_NTNV



## Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_99\_NTNV



## Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_100\_0\_NTNV

