

## 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      | 22.63                 | 1.14       | 23.77      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.47                 | 1.14       | 23.61      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.66                 | 1.14       | 23.80      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.45                 | 1.14       | 23.59      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.54                 | 1.14       | 23.68      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.65                 | 1.14       | 23.79      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.44                 | 1.14       | 22.58      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 23.13                 | 1.14       | 24.27      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.24                 | 1.14       | 24.38      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.24                 | 1.14       | 24.38      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.23                 | 1.14       | 24.37      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.26                 | 1.14       | 24.40      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.20                 | 1.14       | 24.34      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.06                 | 1.14       | 23.20      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 22.87                 | 1.14       | 24.01      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.92                 | 1.14       | 24.06      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.08                 | 1.14       | 24.22      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.81                 | 1.14       | 23.95      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.71                 | 1.14       | 23.85      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.75                 | 1.14       | 23.89      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.73                 | 1.14       | 22.87      | <=30  | Pass    |
| 16QAM                              | 1710.7          | 1             | 0      | 21.13                 | 1.14       | 22.27      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.35                 | 1.14       | 22.49      | <=30  | Pass    |
|                                    |                 |               | 5      | 21.12                 | 1.14       | 22.26      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 21.51                 | 1.14       | 22.65      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.72                 | 1.14       | 22.86      | <=30  | Pass    |
|                                    |                 |               | 3      | 21.67                 | 1.14       | 22.81      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 20.35                 | 1.14       | 21.49      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 21.78                 | 1.14       | 22.92      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.73                 | 1.14       | 22.87      | <=30  | Pass    |
|                                    |                 |               | 5      | 21.89                 | 1.14       | 23.03      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.21                 | 1.14       | 23.35      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.30                 | 1.14       | 23.44      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.18                 | 1.14       | 23.32      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 20.58                 | 1.14       | 21.72      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 21.26                 | 1.14       | 22.40      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.58                 | 1.14       | 22.72      | <=30  | Pass    |
|                                    |                 |               | 5      | 21.51                 | 1.14       | 22.65      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 21.44                 | 1.14       | 22.58      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.65                 | 1.14       | 22.79      | <=30  | Pass    |
|                                    |                 |               | 3      | 21.51                 | 1.14       | 22.65      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 20.30                 | 1.14       | 21.44      | <=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      | 22.67                 | 1.14       | 23.81      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.69                 | 1.14       | 23.83      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.34                 | 1.14       | 23.48      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.56                 | 1.14       | 22.70      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.37                 | 1.14       | 22.51      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.45                 | 1.14       | 22.59      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.39                 | 1.14       | 22.53      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 23.22                 | 1.14       | 24.36      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.53                 | 1.14       | 24.67      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.25                 | 1.14       | 24.39      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.08                 | 1.14       | 23.22      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.15                 | 1.14       | 23.29      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.16                 | 1.14       | 23.30      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.07                 | 1.14       | 23.21      | <=30  | Pass    |
|                                  | 1753.5          | 1             | 0      | 22.64                 | 1.14       | 23.78      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.87                 | 1.14       | 24.01      | <=30  | Pass    |
|                                  |                 |               | 14     | 22.84                 | 1.14       | 23.98      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 21.82                 | 1.14       | 22.96      | <=30  | Pass    |
|                                  |                 |               | 4      | 21.76                 | 1.14       | 22.90      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.80                 | 1.14       | 22.94      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 21.74                 | 1.14       | 22.88      | <=30  | Pass    |
| 16QAM                            | 1711.5          | 1             | 0      | 21.17                 | 1.14       | 22.31      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.24                 | 1.14       | 22.38      | <=30  | Pass    |
|                                  |                 |               | 14     | 21.01                 | 1.14       | 22.15      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 20.44                 | 1.14       | 21.58      | <=30  | Pass    |
|                                  |                 |               | 4      | 20.35                 | 1.14       | 21.49      | <=30  | Pass    |
|                                  |                 |               | 7      | 20.40                 | 1.14       | 21.54      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 20.24                 | 1.14       | 21.38      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 21.79                 | 1.14       | 22.93      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.80                 | 1.14       | 22.94      | <=30  | Pass    |
|                                  |                 |               | 14     | 21.76                 | 1.14       | 22.90      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 20.64                 | 1.14       | 21.78      | <=30  | Pass    |
|                                  |                 |               | 4      | 20.69                 | 1.14       | 21.83      | <=30  | Pass    |
|                                  |                 |               | 7      | 20.72                 | 1.14       | 21.86      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 20.94                 | 1.14       | 22.08      | <=30  | Pass    |
|                                  | 1753.5          | 1             | 0      | 21.42                 | 1.14       | 22.56      | <=30  | Pass    |
|                                  |                 |               | 7      | 21.42                 | 1.14       | 22.56      | <=30  | Pass    |
|                                  |                 |               | 14     | 21.50                 | 1.14       | 22.64      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 20.69                 | 1.14       | 21.83      | <=30  | Pass    |
|                                  |                 |               | 4      | 20.70                 | 1.14       | 21.84      | <=30  | Pass    |
|                                  |                 |               | 7      | 20.76                 | 1.14       | 21.90      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 20.32                 | 1.14       | 21.46      | <=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      | 22.49                 | 1.14       | 23.63      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.62                 | 1.14       | 23.76      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.36                 | 1.14       | 23.50      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.43                 | 1.14       | 22.57      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.41                 | 1.14       | 22.55      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.30                 | 1.14       | 22.44      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.44                 | 1.14       | 22.58      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 22.88                 | 1.14       | 24.02      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.21                 | 1.14       | 24.35      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.10                 | 1.14       | 24.24      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.01                 | 1.14       | 23.15      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.09                 | 1.14       | 23.23      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.08                 | 1.14       | 23.22      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.10                 | 1.14       | 23.24      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 22.76                 | 1.14       | 23.90      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.99                 | 1.14       | 24.13      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.75                 | 1.14       | 23.89      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.82                 | 1.14       | 22.96      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.86                 | 1.14       | 23.00      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.77                 | 1.14       | 22.91      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.89                 | 1.14       | 23.03      | <=30  | Pass    |
| 16QAM                            | 1712.5          | 1             | 0      | 21.27                 | 1.14       | 22.41      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.37                 | 1.14       | 22.51      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.49                 | 1.14       | 22.63      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.37                 | 1.14       | 21.51      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.43                 | 1.14       | 21.57      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.33                 | 1.14       | 21.47      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.33                 | 1.14       | 21.47      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 21.73                 | 1.14       | 22.87      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.76                 | 1.14       | 22.90      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.25                 | 1.14       | 22.39      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.85                 | 1.14       | 21.99      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.83                 | 1.14       | 21.97      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.82                 | 1.14       | 21.96      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.14                 | 1.14       | 22.28      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 21.33                 | 1.14       | 22.47      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.30                 | 1.14       | 22.44      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.06                 | 1.14       | 22.20      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.76                 | 1.14       | 21.90      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.76                 | 1.14       | 21.90      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.55                 | 1.14       | 21.69      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.70                 | 1.14       | 21.84      | <=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      | 22.65                 | 1.14       | 23.79      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.81                 | 1.14       | 23.95      | <=30  | Pass    |
|                                   |                 |               | 49     | 22.48                 | 1.14       | 23.62      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.56                 | 1.14       | 22.70      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.55                 | 1.14       | 22.69      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.44                 | 1.14       | 22.58      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.57                 | 1.14       | 22.71      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.15                 | 1.14       | 23.29      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.35                 | 1.14       | 24.49      | <=30  | Pass    |
|                                   |                 |               | 49     | 23.02                 | 1.14       | 24.16      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.95                 | 1.14       | 23.09      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.08                 | 1.14       | 23.22      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.09                 | 1.14       | 23.23      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.92                 | 1.14       | 23.06      | <=30  | Pass    |
|                                   | 1750            | 1             | 0      | 22.69                 | 1.14       | 23.83      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.16                 | 1.14       | 24.30      | <=30  | Pass    |
|                                   |                 |               | 49     | 22.42                 | 1.14       | 23.56      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.91                 | 1.14       | 23.05      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.95                 | 1.14       | 23.09      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.88                 | 1.14       | 23.02      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.89                 | 1.14       | 23.03      | <=30  | Pass    |
| 16QAM                             | 1715            | 1             | 0      | 21.24                 | 1.14       | 22.38      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.58                 | 1.14       | 22.72      | <=30  | Pass    |
|                                   |                 |               | 49     | 21.01                 | 1.14       | 22.15      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 20.50                 | 1.14       | 21.64      | <=30  | Pass    |
|                                   |                 |               | 13     | 20.40                 | 1.14       | 21.54      | <=30  | Pass    |
|                                   |                 |               | 25     | 20.46                 | 1.14       | 21.60      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 20.56                 | 1.14       | 21.70      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 21.34                 | 1.14       | 22.48      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.78                 | 1.14       | 22.92      | <=30  | Pass    |
|                                   |                 |               | 49     | 21.62                 | 1.14       | 22.76      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 20.87                 | 1.14       | 22.01      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.01                 | 1.14       | 22.15      | <=30  | Pass    |
|                                   |                 |               | 25     | 20.95                 | 1.14       | 22.09      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 20.81                 | 1.14       | 21.95      | <=30  | Pass    |
|                                   | 1750            | 1             | 0      | 21.75                 | 1.14       | 22.89      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.87                 | 1.14       | 23.01      | <=30  | Pass    |
|                                   |                 |               | 49     | 21.39                 | 1.14       | 22.53      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 20.93                 | 1.14       | 22.07      | <=30  | Pass    |
|                                   |                 |               | 13     | 20.89                 | 1.14       | 22.03      | <=30  | Pass    |
|                                   |                 |               | 25     | 20.71                 | 1.14       | 21.85      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 20.82                 | 1.14       | 21.96      | <=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      | 22.65                 | 1.14       | 23.79      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.52                 | 1.14       | 23.66      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.71                 | 1.14       | 23.85      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.53                 | 1.14       | 22.67      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.41                 | 1.14       | 22.55      | <=30  | Pass    |
|                                   |                 |               | 39     | 21.40                 | 1.14       | 22.54      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.53                 | 1.14       | 22.67      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.35                 | 1.14       | 23.49      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.37                 | 1.14       | 24.51      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.17                 | 1.14       | 24.31      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.90                 | 1.14       | 23.04      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.06                 | 1.14       | 23.20      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.04                 | 1.14       | 23.18      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.00                 | 1.14       | 23.14      | <=30  | Pass    |
|                                   | 1747.5          | 1             | 0      | 22.90                 | 1.14       | 24.04      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.17                 | 1.14       | 24.31      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.80                 | 1.14       | 23.94      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.14                 | 1.14       | 23.28      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.95                 | 1.14       | 23.09      | <=30  | Pass    |
|                                   |                 |               | 39     | 21.81                 | 1.14       | 22.95      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.01                 | 1.14       | 23.15      | <=30  | Pass    |
| 16QAM                             | 1717.5          | 1             | 0      | 21.06                 | 1.14       | 22.20      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.05                 | 1.14       | 22.19      | <=30  | Pass    |
|                                   |                 |               | 74     | 21.15                 | 1.14       | 22.29      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 20.46                 | 1.14       | 21.60      | <=30  | Pass    |
|                                   |                 |               | 18     | 20.43                 | 1.14       | 21.57      | <=30  | Pass    |
|                                   |                 |               | 39     | 20.32                 | 1.14       | 21.46      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 20.66                 | 1.14       | 21.80      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 21.23                 | 1.14       | 22.37      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.83                 | 1.14       | 22.97      | <=30  | Pass    |
|                                   |                 |               | 74     | 21.43                 | 1.14       | 22.57      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 20.81                 | 1.14       | 21.95      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.06                 | 1.14       | 22.20      | <=30  | Pass    |
|                                   |                 |               | 39     | 20.98                 | 1.14       | 22.12      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.03                 | 1.14       | 22.17      | <=30  | Pass    |
|                                   | 1747.5          | 1             | 0      | 21.55                 | 1.14       | 22.69      | <=30  | Pass    |
|                                   |                 |               | 38     | 21.74                 | 1.14       | 22.88      | <=30  | Pass    |
|                                   |                 |               | 74     | 21.29                 | 1.14       | 22.43      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.07                 | 1.14       | 22.21      | <=30  | Pass    |
|                                   |                 |               | 18     | 20.99                 | 1.14       | 22.13      | <=30  | Pass    |
|                                   |                 |               | 39     | 20.66                 | 1.14       | 21.80      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 20.94                 | 1.14       | 22.08      | <=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      | 22.59                 | 1.14       | 23.73      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.93                 | 1.14       | 24.07      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.86                 | 1.14       | 24.00      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.57                 | 1.14       | 22.71      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.54                 | 1.14       | 22.68      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.63                 | 1.14       | 22.77      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.62                 | 1.14       | 22.76      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.76                 | 1.14       | 23.90      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.57                 | 1.14       | 24.71      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.21                 | 1.14       | 24.35      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.88                 | 1.14       | 23.02      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.09                 | 1.14       | 23.23      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.04                 | 1.14       | 23.18      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.98                 | 1.14       | 23.12      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.51                 | 1.14       | 23.65      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.40                 | 1.14       | 24.54      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.94                 | 1.14       | 24.08      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.21                 | 1.14       | 23.35      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.18                 | 1.14       | 23.32      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.82                 | 1.14       | 22.96      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.07                 | 1.14       | 23.21      | <=30  | Pass    |
| 16QAM                             | 1720            | 1             | 0      | 21.16                 | 1.14       | 22.30      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.30                 | 1.14       | 22.44      | <=30  | Pass    |
|                                   |                 |               | 99     | 21.44                 | 1.14       | 22.58      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 20.58                 | 1.14       | 21.72      | <=30  | Pass    |
|                                   |                 |               | 25     | 20.58                 | 1.14       | 21.72      | <=30  | Pass    |
|                                   |                 |               | 50     | 20.49                 | 1.14       | 21.63      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 20.53                 | 1.14       | 21.67      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 21.21                 | 1.14       | 22.35      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.46                 | 1.14       | 22.60      | <=30  | Pass    |
|                                   |                 |               | 99     | 21.51                 | 1.14       | 22.65      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 20.81                 | 1.14       | 21.95      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.00                 | 1.14       | 22.14      | <=30  | Pass    |
|                                   |                 |               | 50     | 20.91                 | 1.14       | 22.05      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 20.79                 | 1.14       | 21.93      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 21.88                 | 1.14       | 23.02      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.99                 | 1.14       | 23.13      | <=30  | Pass    |
|                                   |                 |               | 99     | 21.46                 | 1.14       | 22.60      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.07                 | 1.14       | 22.21      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.12                 | 1.14       | 22.26      | <=30  | Pass    |
|                                   |                 |               | 50     | 20.94                 | 1.14       | 22.08      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 20.91                 | 1.14       | 22.05      | <=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      | 1.700            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | NV      | -1.100           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | HV      | 1.900            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | NV      | 4.100            | 0.0024                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | NV      | 0.500            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | NV      | 2.500            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | NV      | 0.700            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | NV      | 2.800            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | NV      | 1.300            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | NV      | 1.200            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | NV      | 1.500            | 0.0009                | -2.5 to 2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band4\_OBW

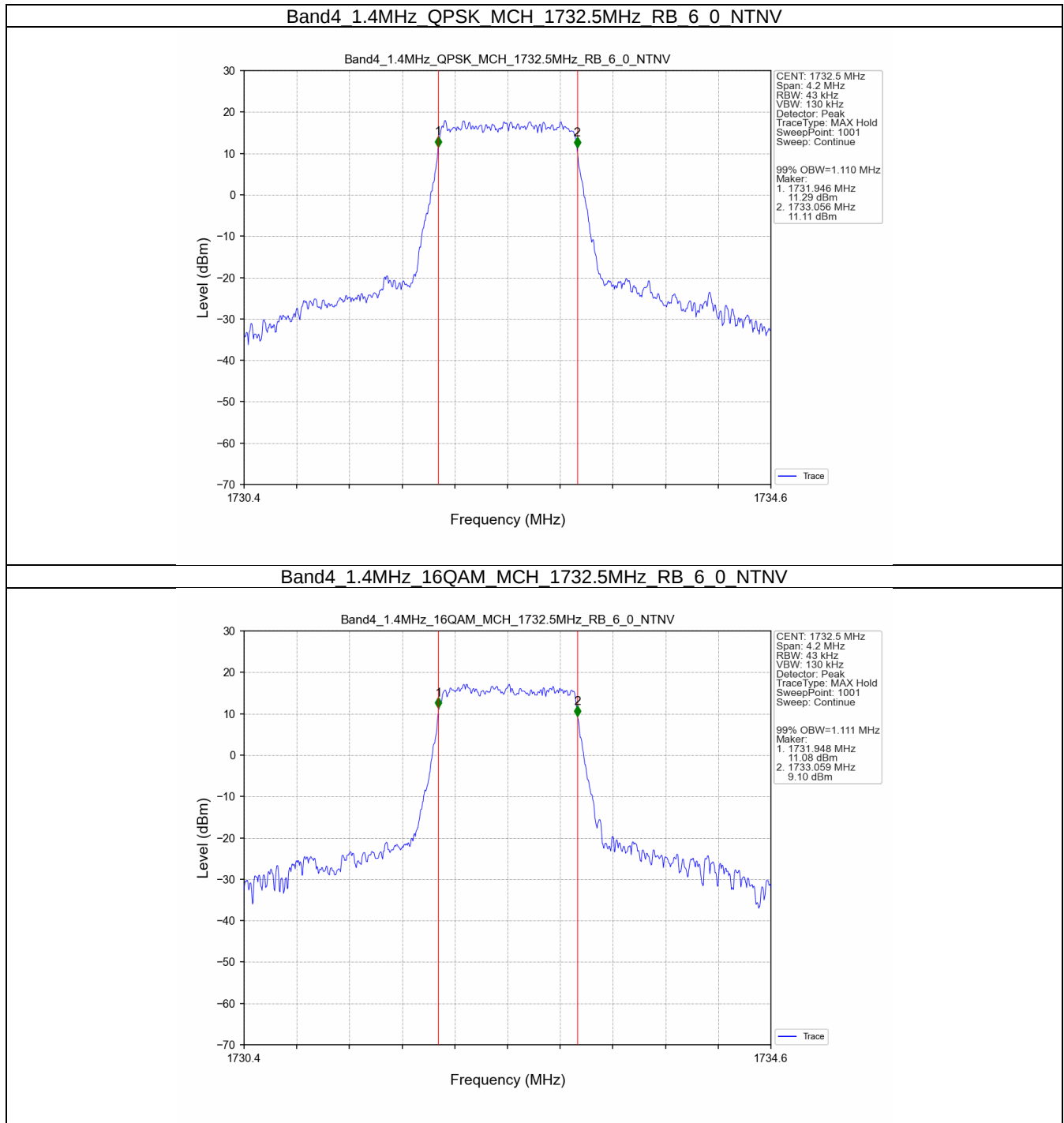
| Band: 4 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.110                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.111                        | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 2.722                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 2.730                        | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 4.528                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 4.529                        | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 9.046                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 50            | 0      | 8.990                        | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 13.545                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 75            | 0      | 13.511                       | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 18.033                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 100           | 0      | 18.035                       | /     | Pass    |

##### 3.1.2 Band4\_XDB

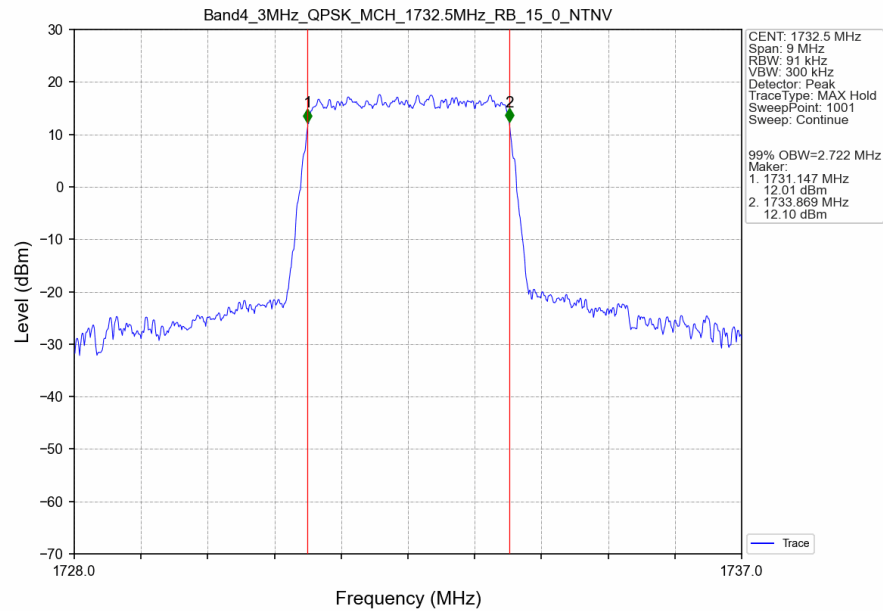
| Band: 4 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.326                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.324                | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 3.050                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 3.056                | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 5.094                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 5.036                | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 9.983                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 50            | 0      | 9.961                | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 14.853               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 75            | 0      | 14.955               | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 19.825               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 100           | 0      | 19.749               | /     | Pass    |

## 3.2 Test Graph

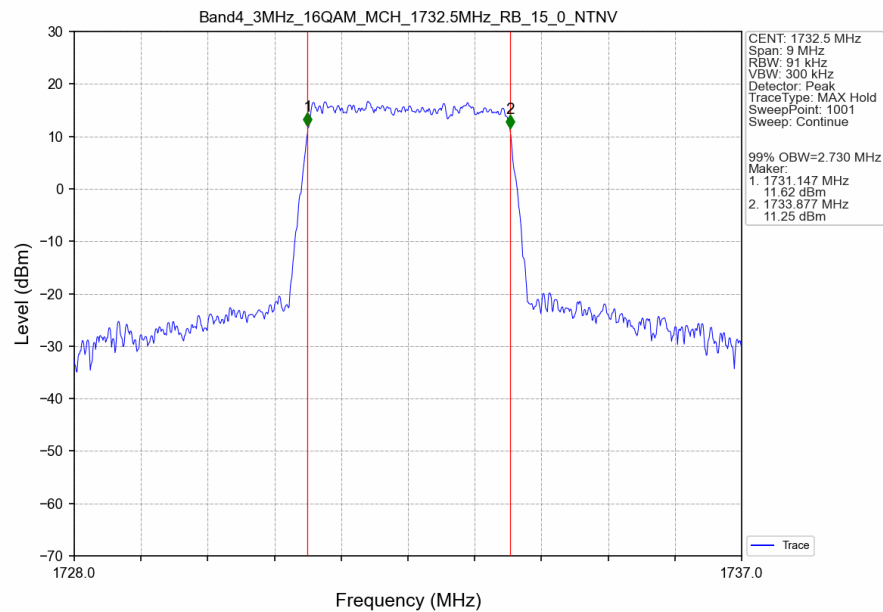
### 3.2.1 Band4\_OBW



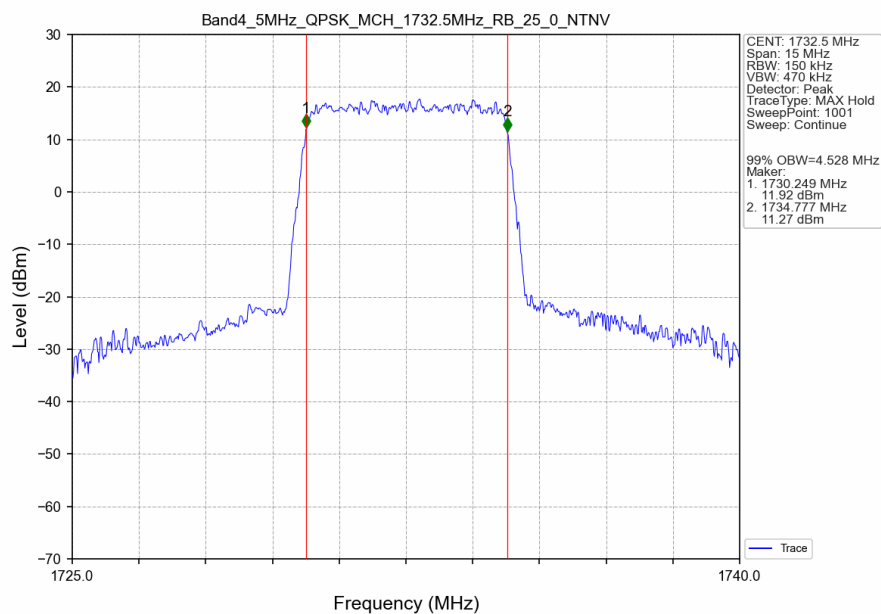
Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



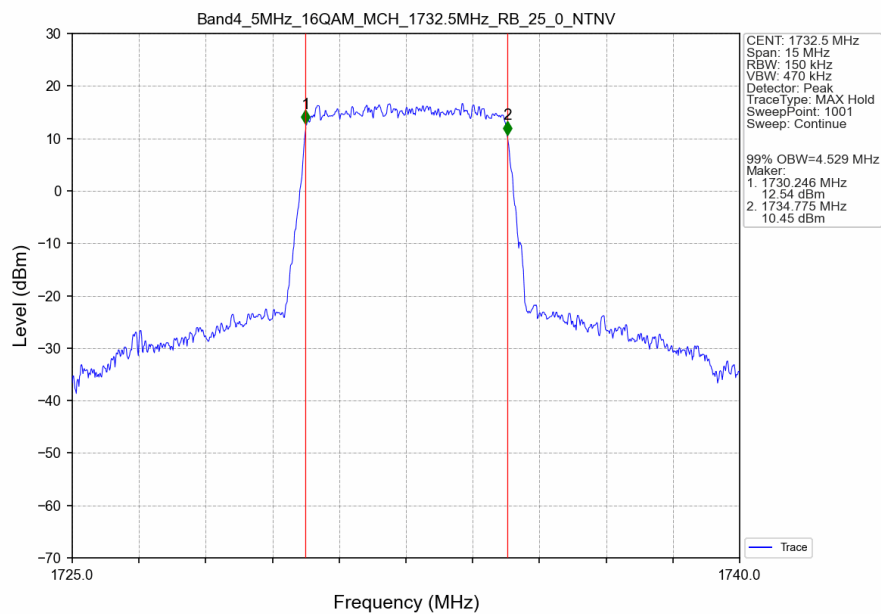
Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



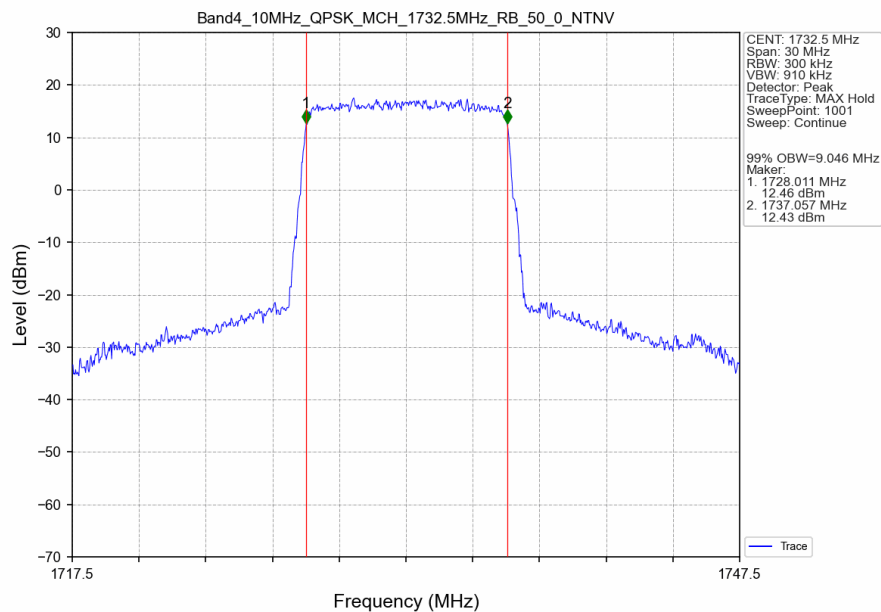
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



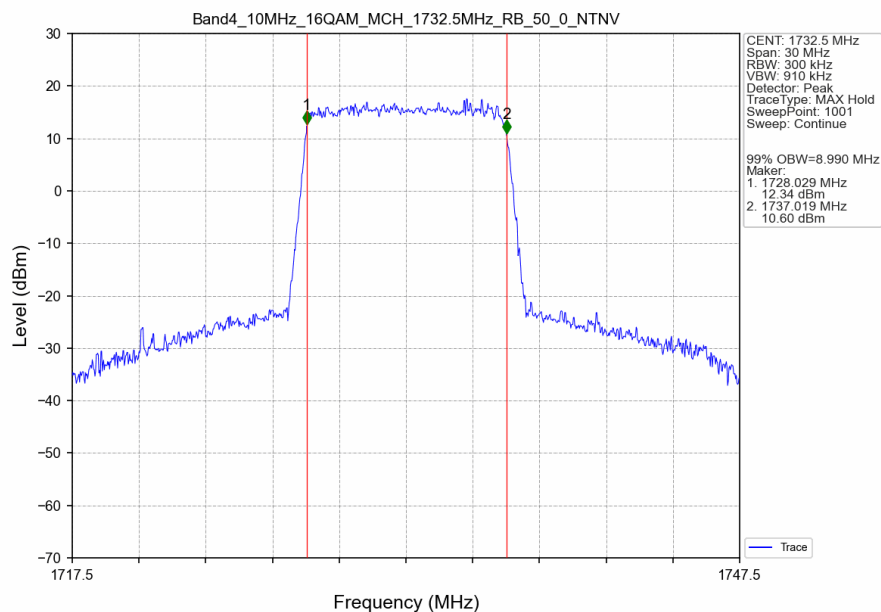
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



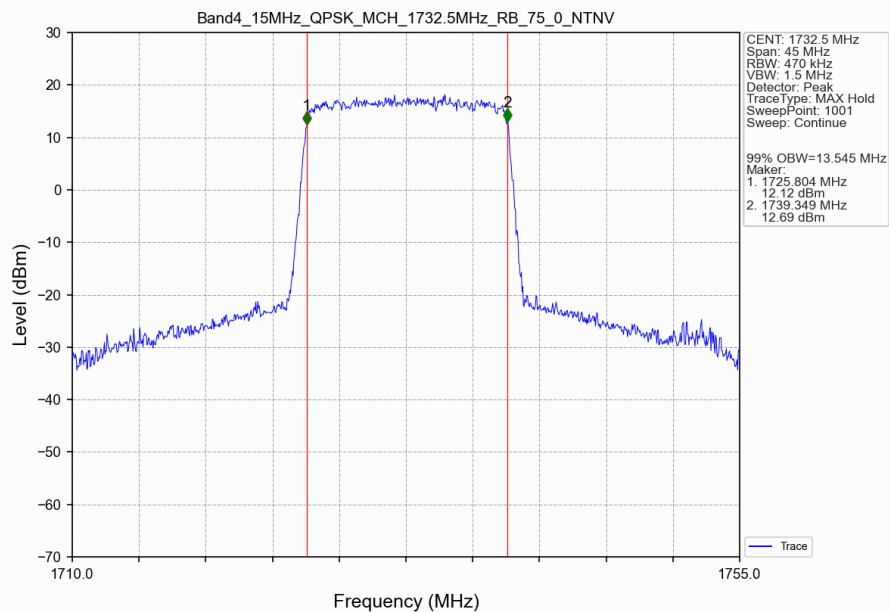
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



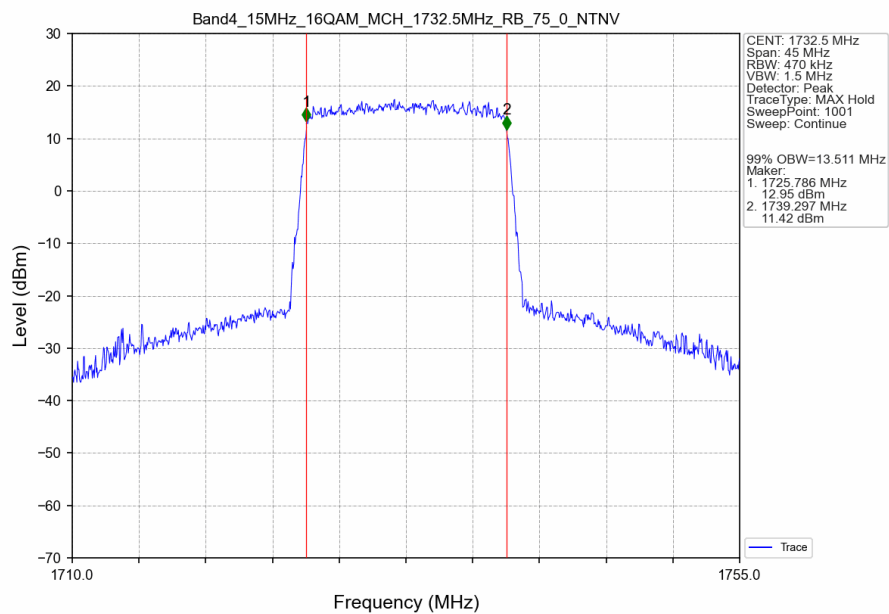
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



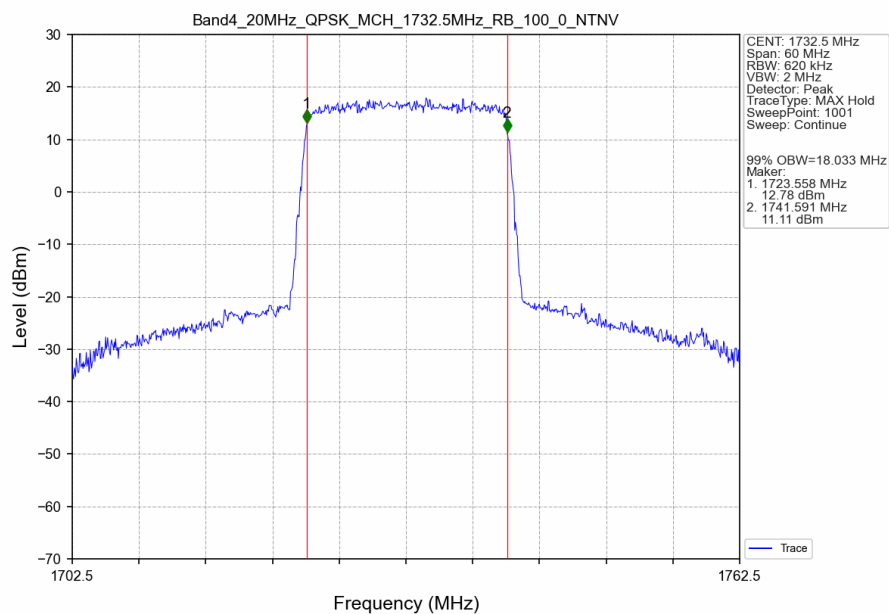
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



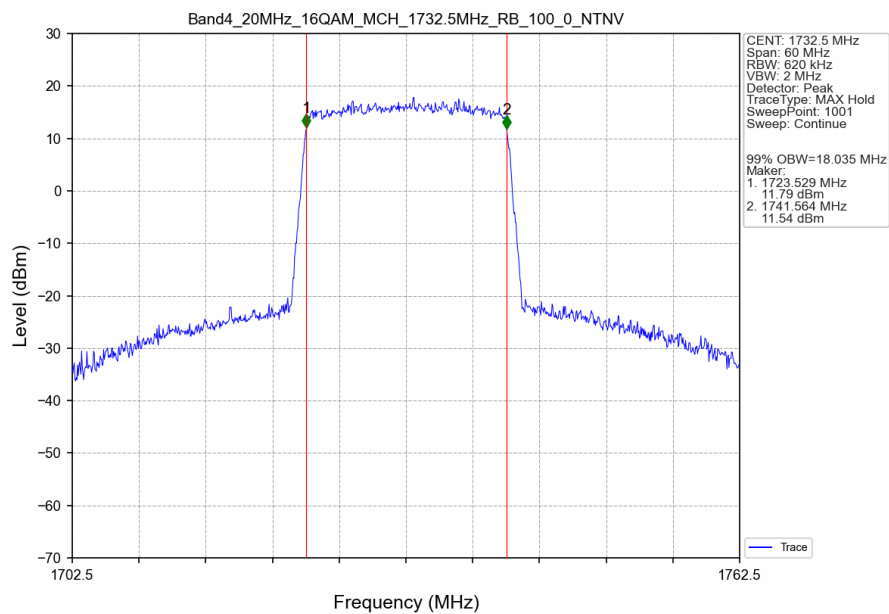
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



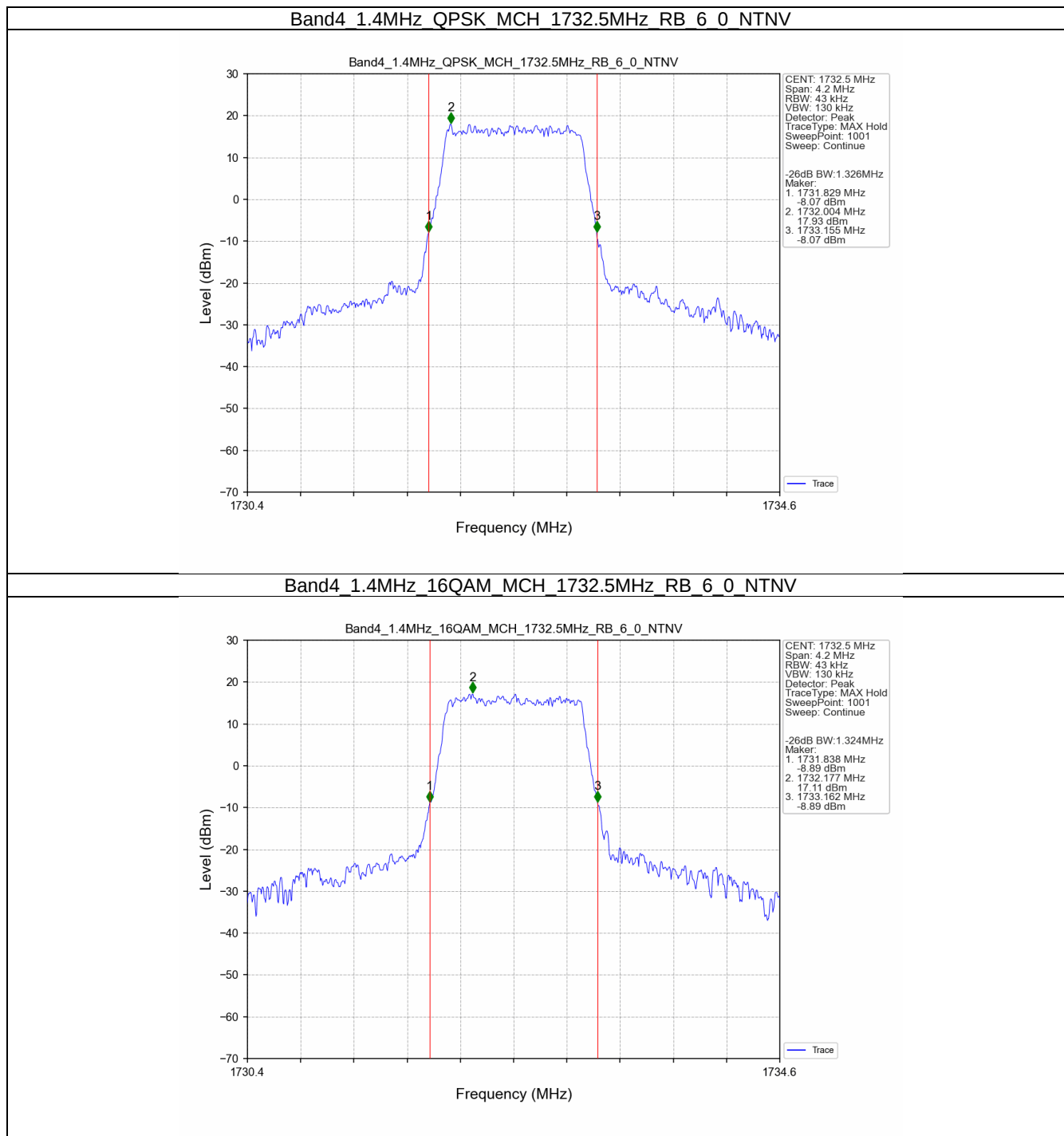
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV



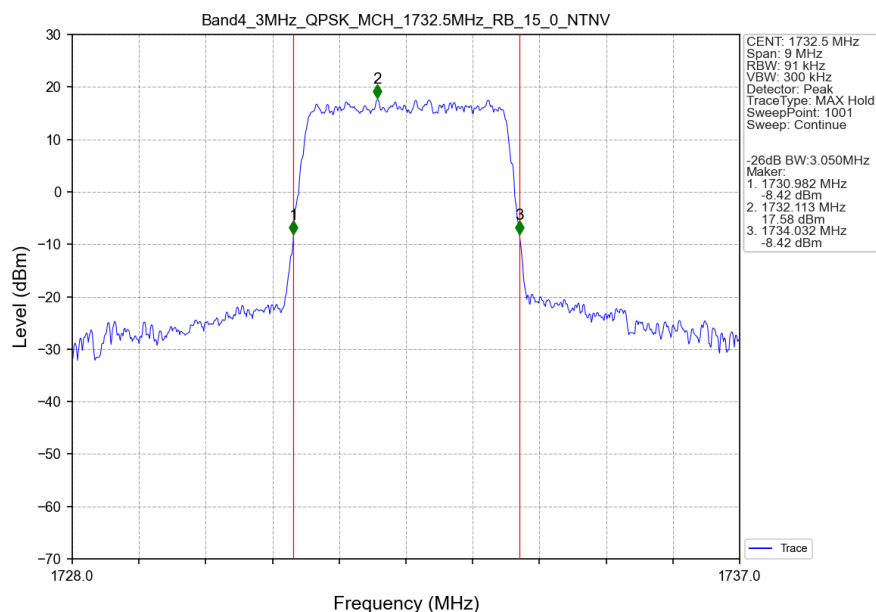
Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV



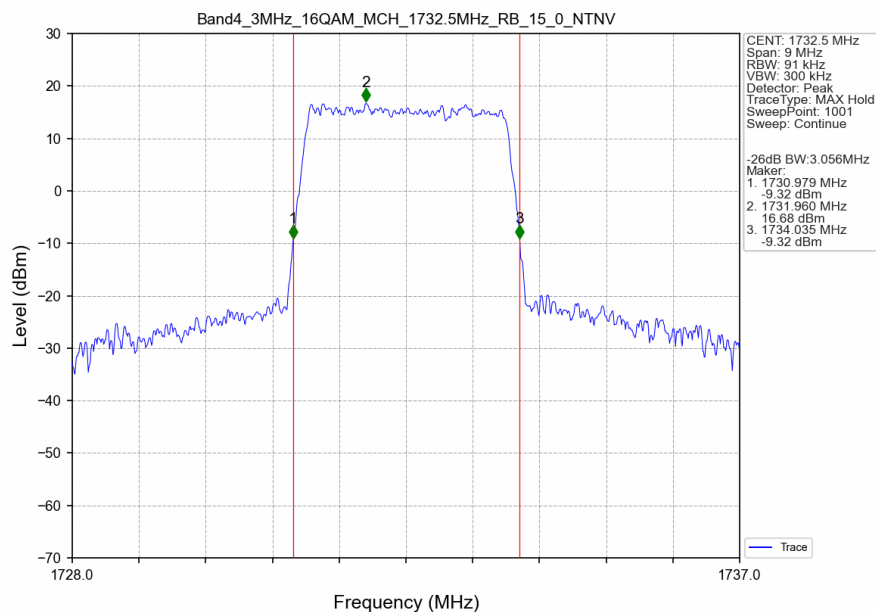
### 3.2.2 Band4\_XDB



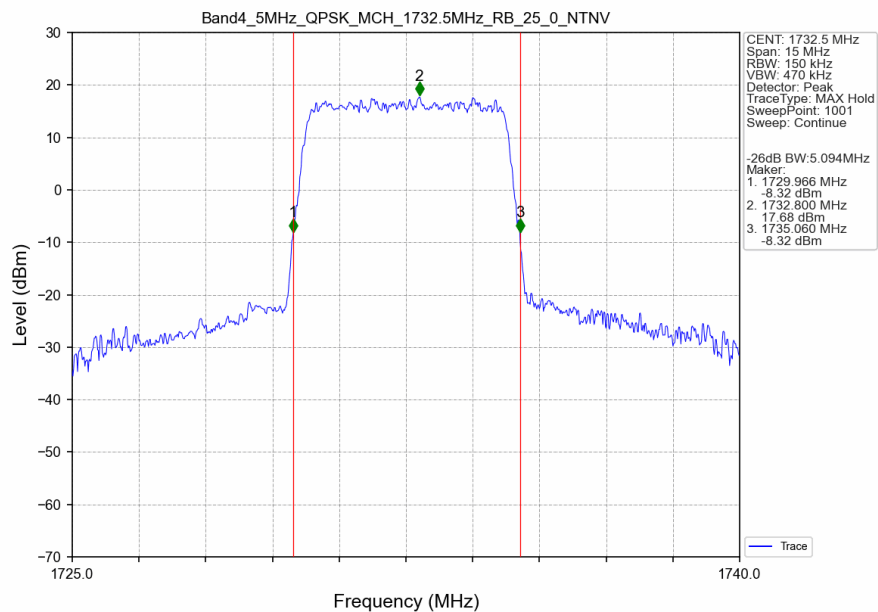
Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



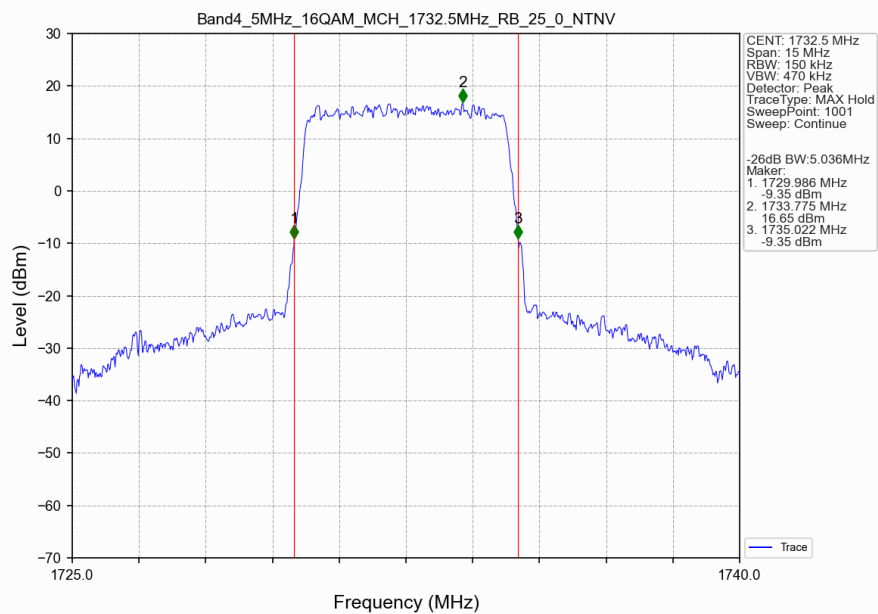
Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



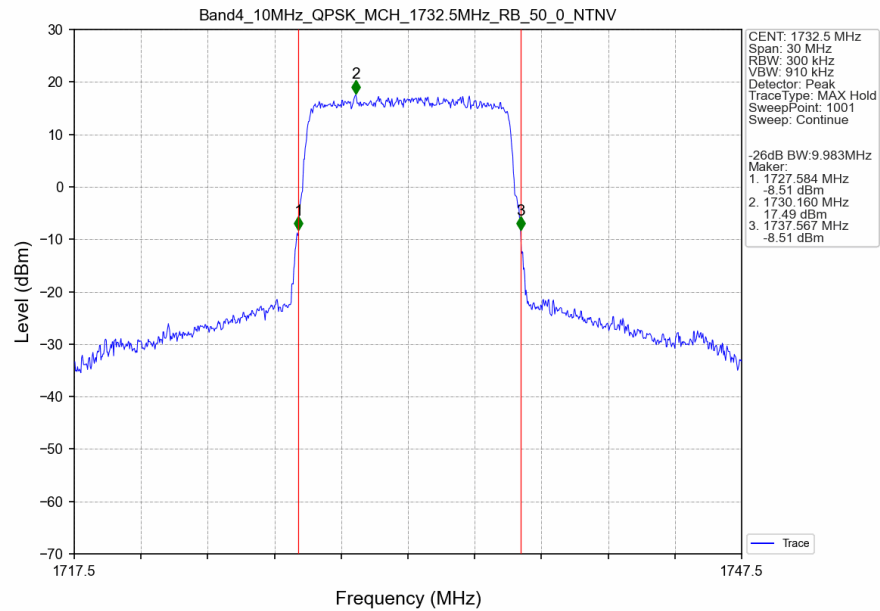
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



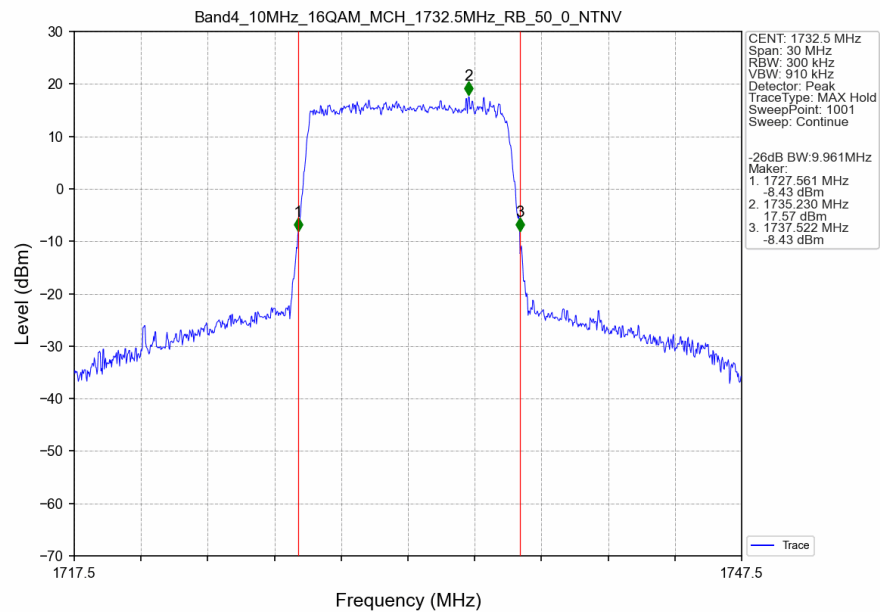
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



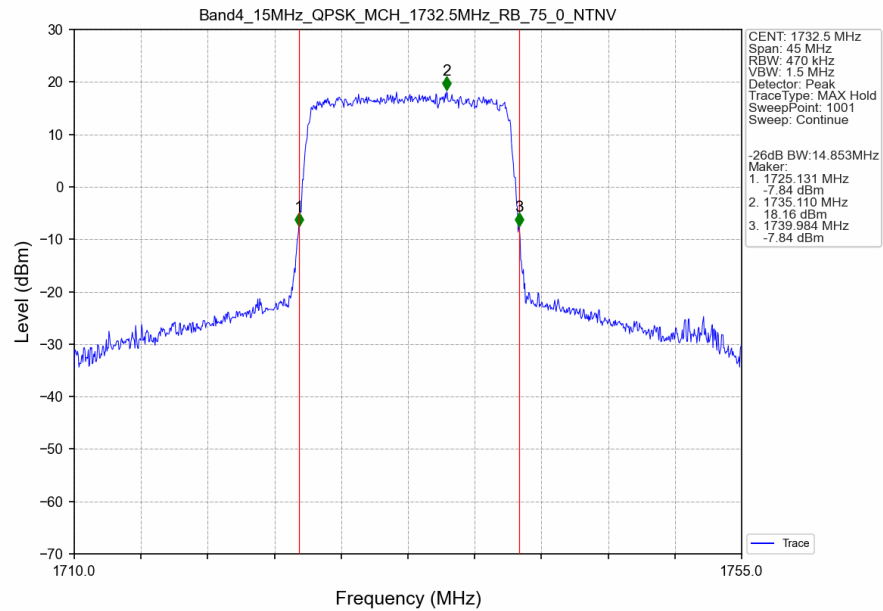
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



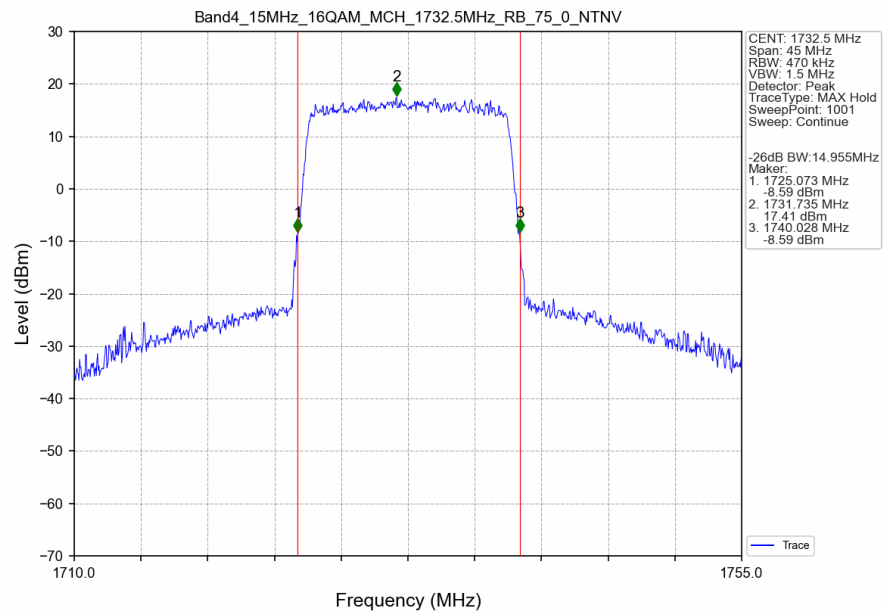
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_50\_0\_NTNV



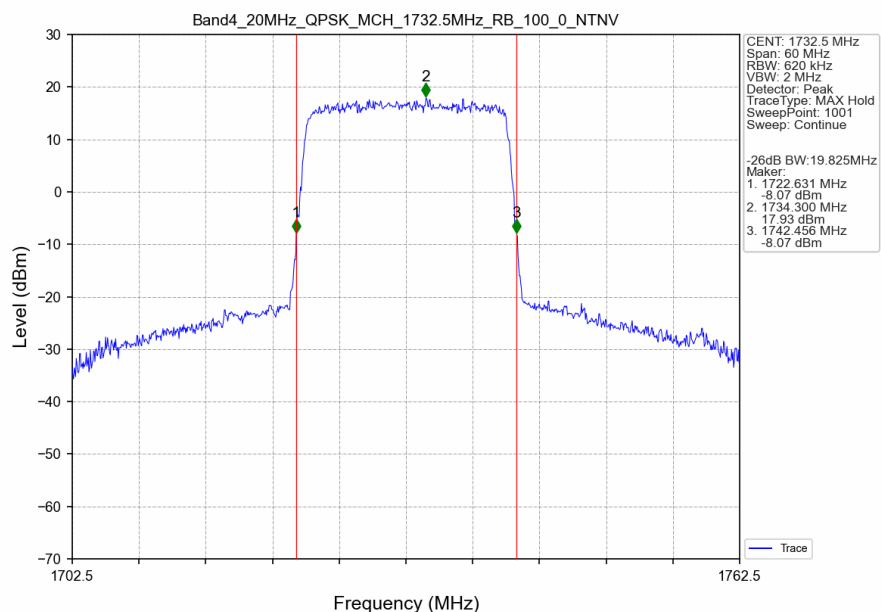
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



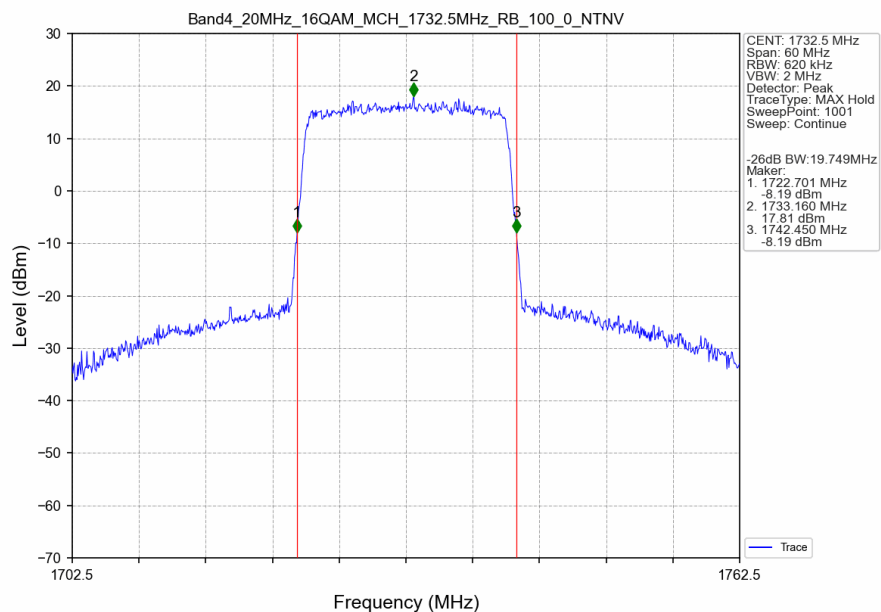
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_75\_0\_NTNV



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



Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_100\_0\_NTNV





## 4. Peak-Average Ratio

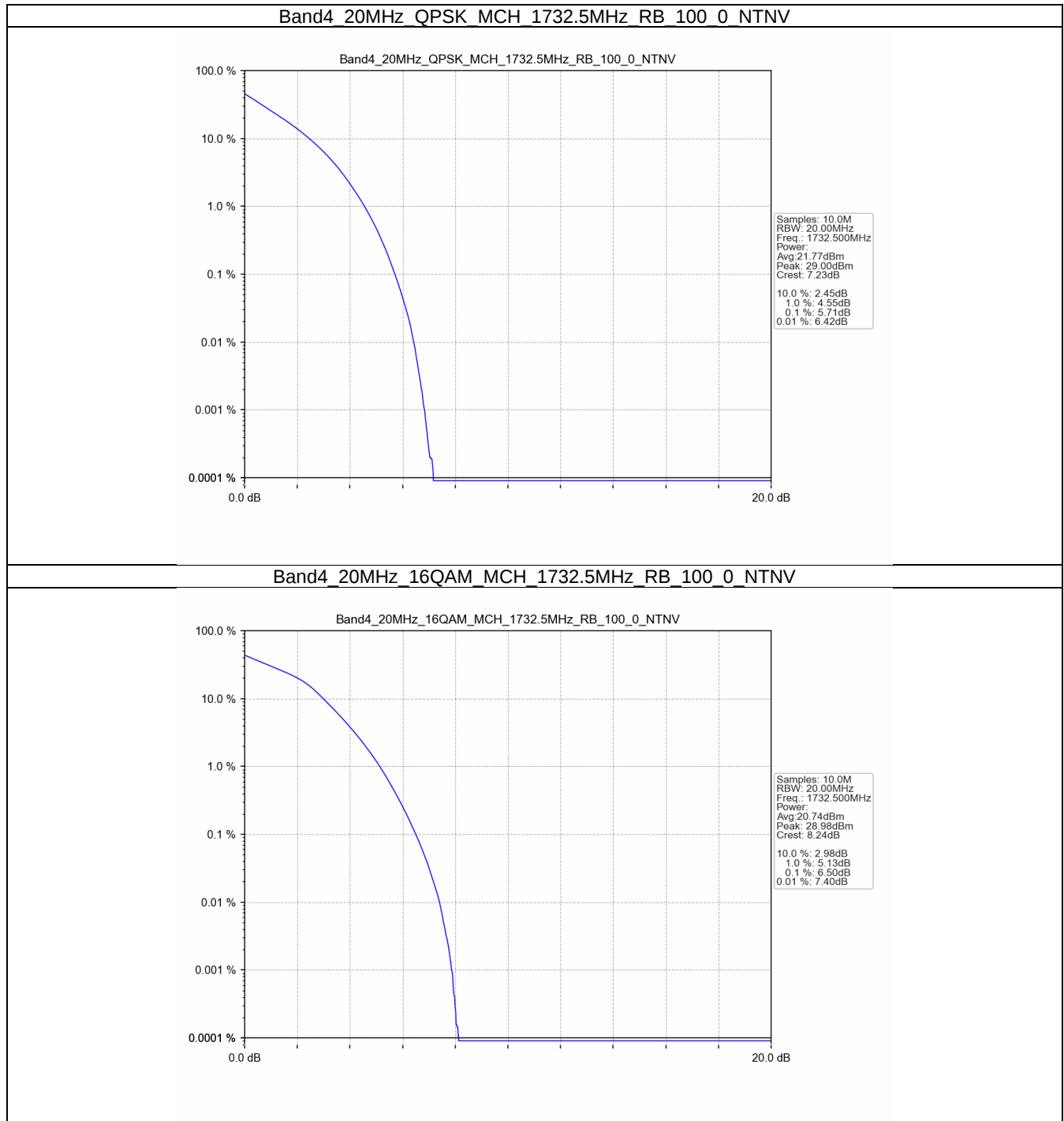
### 4.1 Test Result

#### 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      | 5.71                    | <=13  | Pass    |
| 16QAM                             | 1732.5             | 100           | 0      | 6.50                    | <=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 / NTV |                 |               |        |                     |                     |         |
|----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| 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 |         |
|                                  | 49              |               |        | Refer To Test Graph |                     | Pass    |
|                                  | 50              |               | 0      | Refer To Test Graph |                     | Pass    |

#### 5.1.5 B4\_15MHz

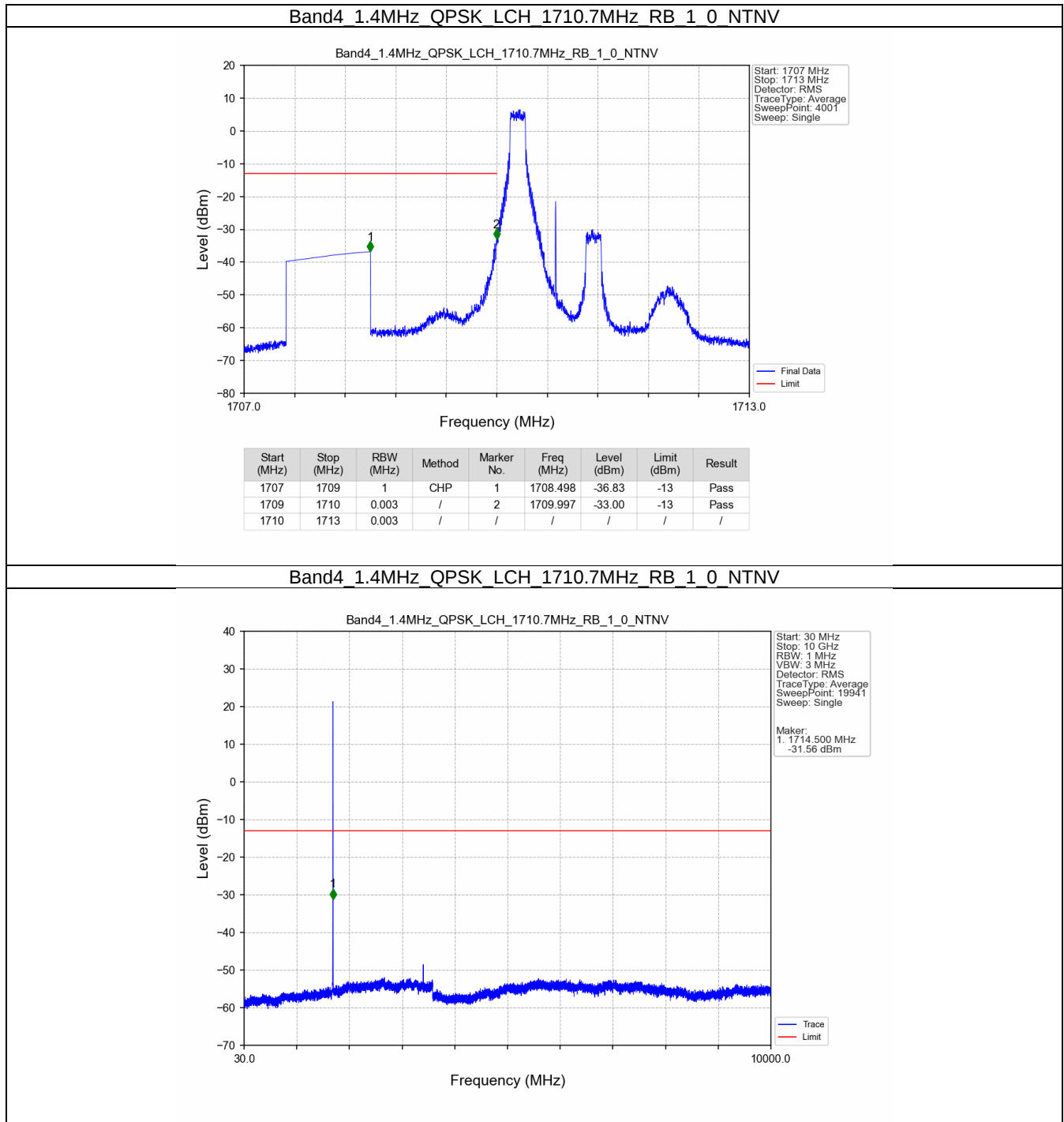
| Band: 4 / Bandwidth: 15MHz / NTV |                 |               |        |                     |                     |         |
|----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| Modulation                       | 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 |         |
|                                  | 74              |               |        | Refer To Test Graph |                     | Pass    |
|                                  | 75              |               | 0      | Refer To Test Graph |                     | Pass    |

#### 5.1.6 B4\_20MHz

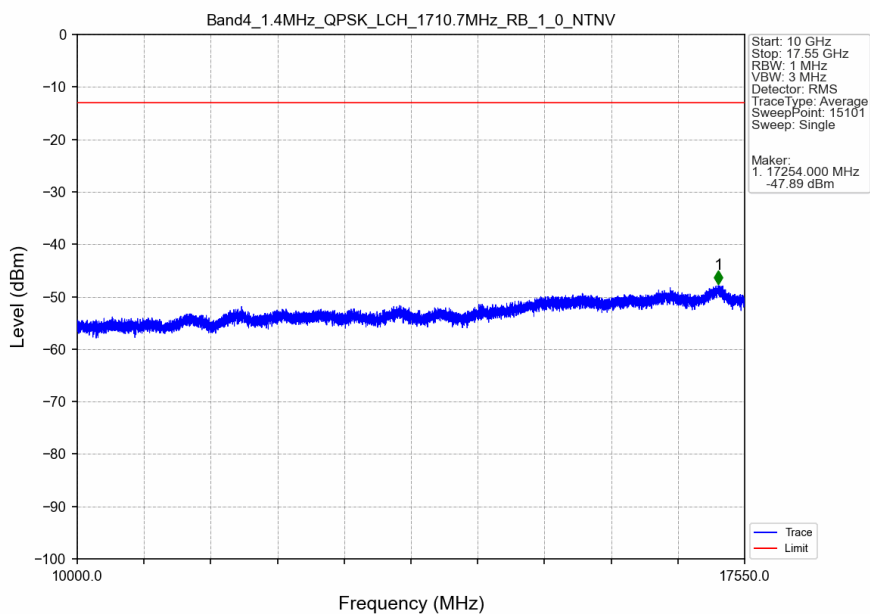
| Band: 4 / Bandwidth: 20MHz / NTV |                 |               |        |                     |                     |         |
|----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| Modulation                       | 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 |         |
|                                  | 99              |               |        | Refer To Test Graph |                     | Pass    |
|                                  | 100             |               | 0      | Refer To Test Graph |                     | Pass    |

## 5.2 Test Graph

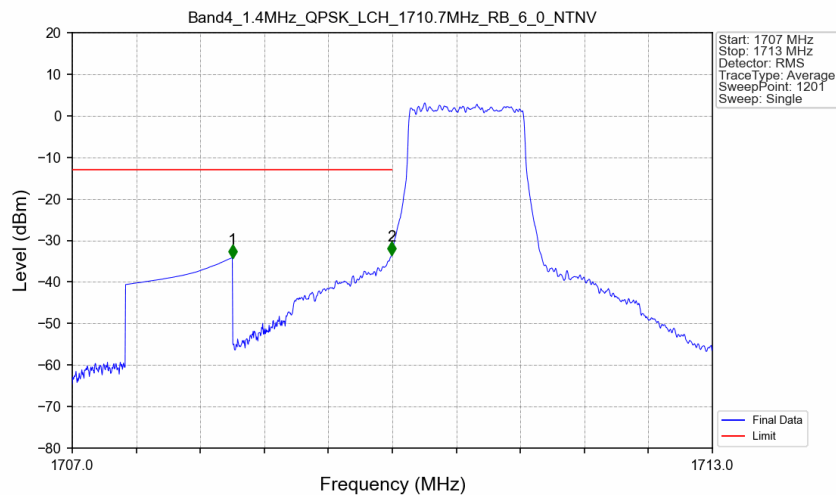
### 5.2.1 B4\_1.4MHz



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

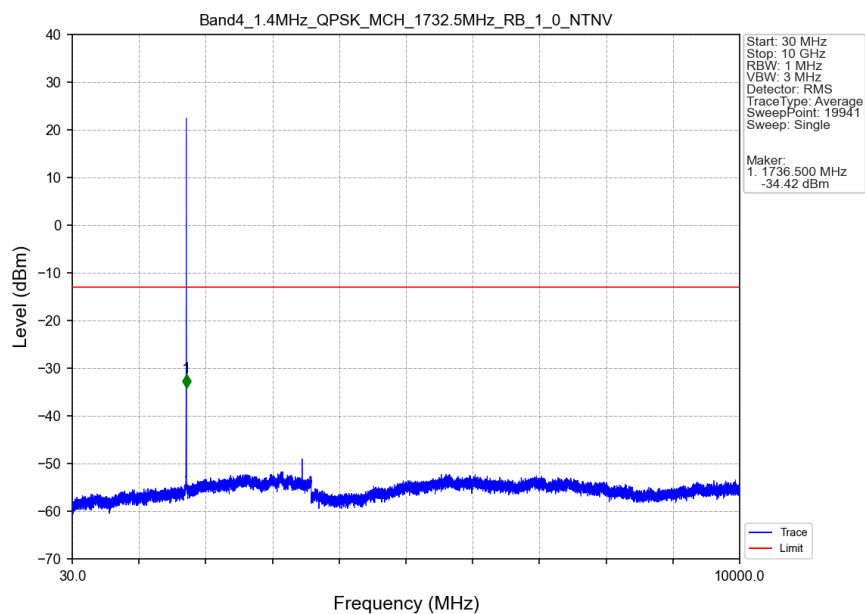


Band4\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

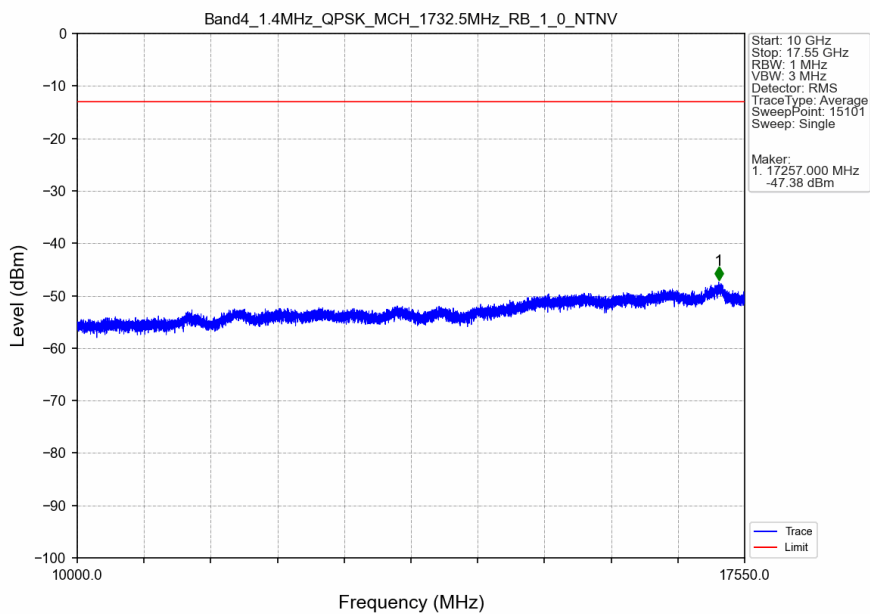


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -34.16      | -13         | Pass   |
| 1709        | 1710       | 0.013     | CHP    | 2          | 1709.995   | -33.50      | -13         | Pass   |
| 1710        | 1713       | 0.013     | CHP    | /          | /          | /           | /           | /      |

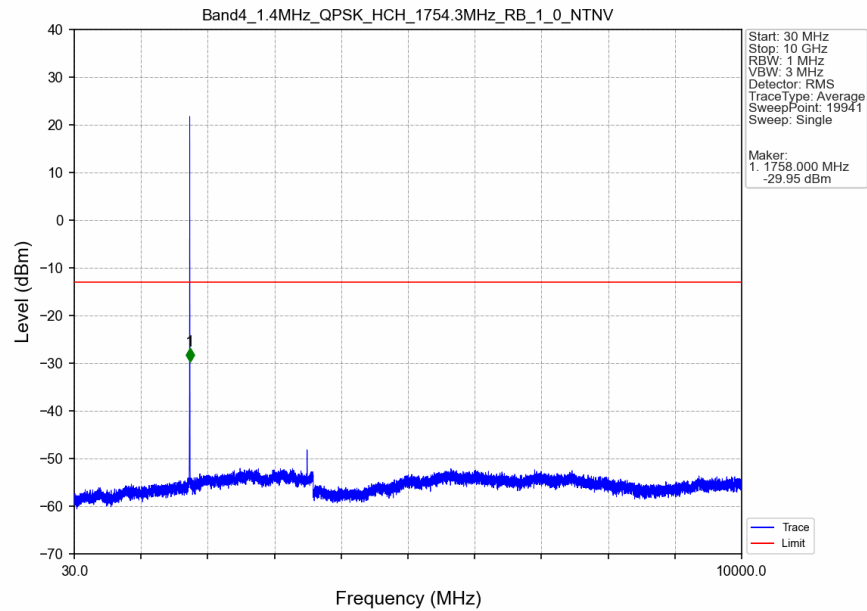
Band4\_1.4MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



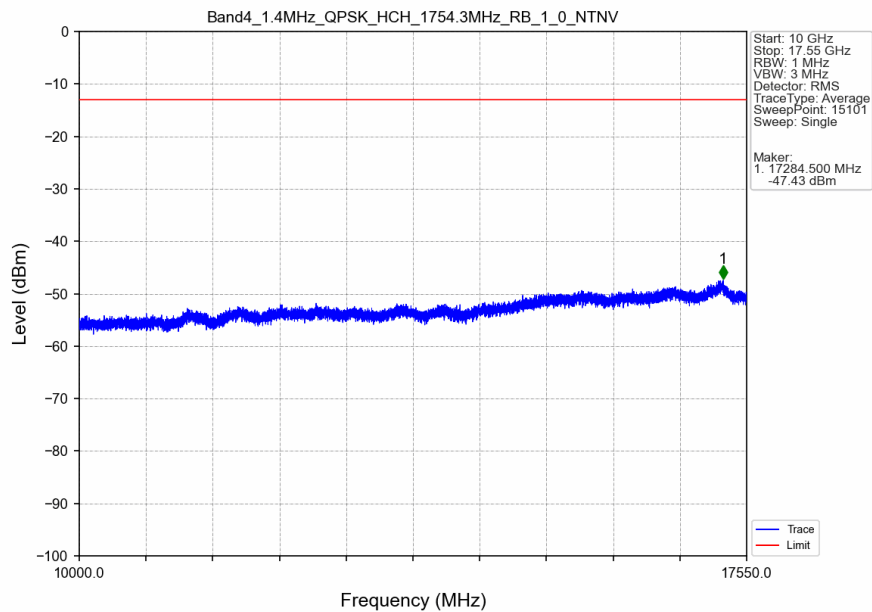
Band4\_1.4MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



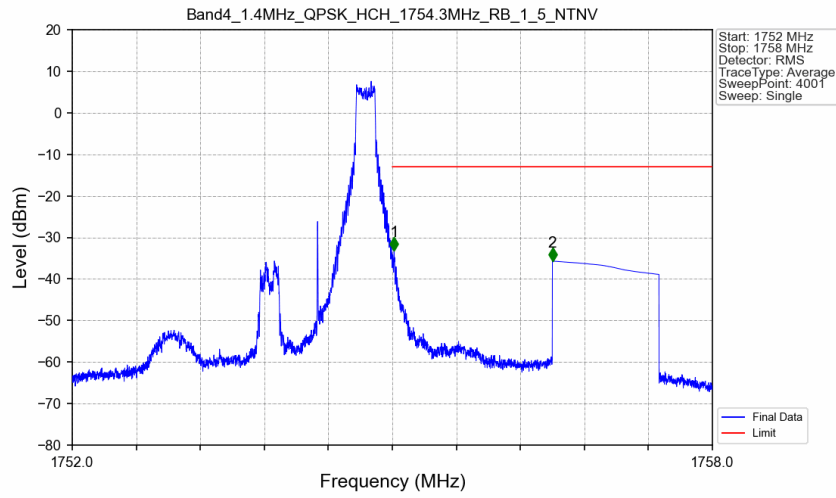
Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_0\_NTNV



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

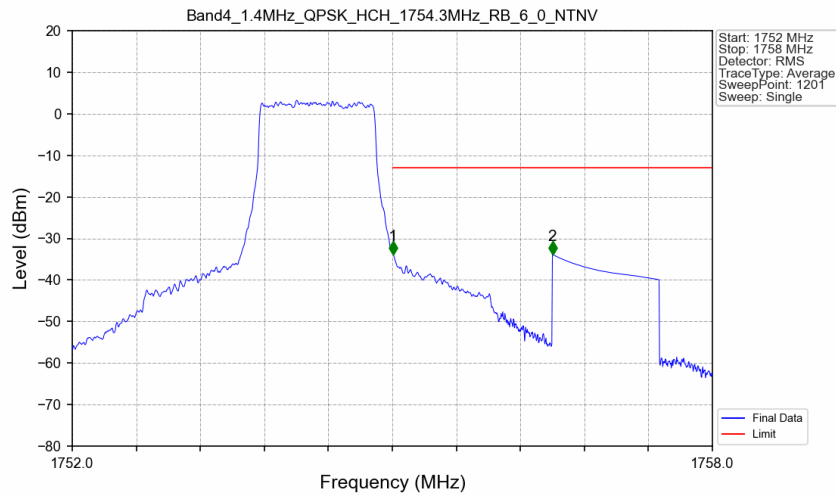


## Band4\_1.4MHz\_QPSK\_HCH\_1754.3MHz\_RB\_1\_5\_NTV



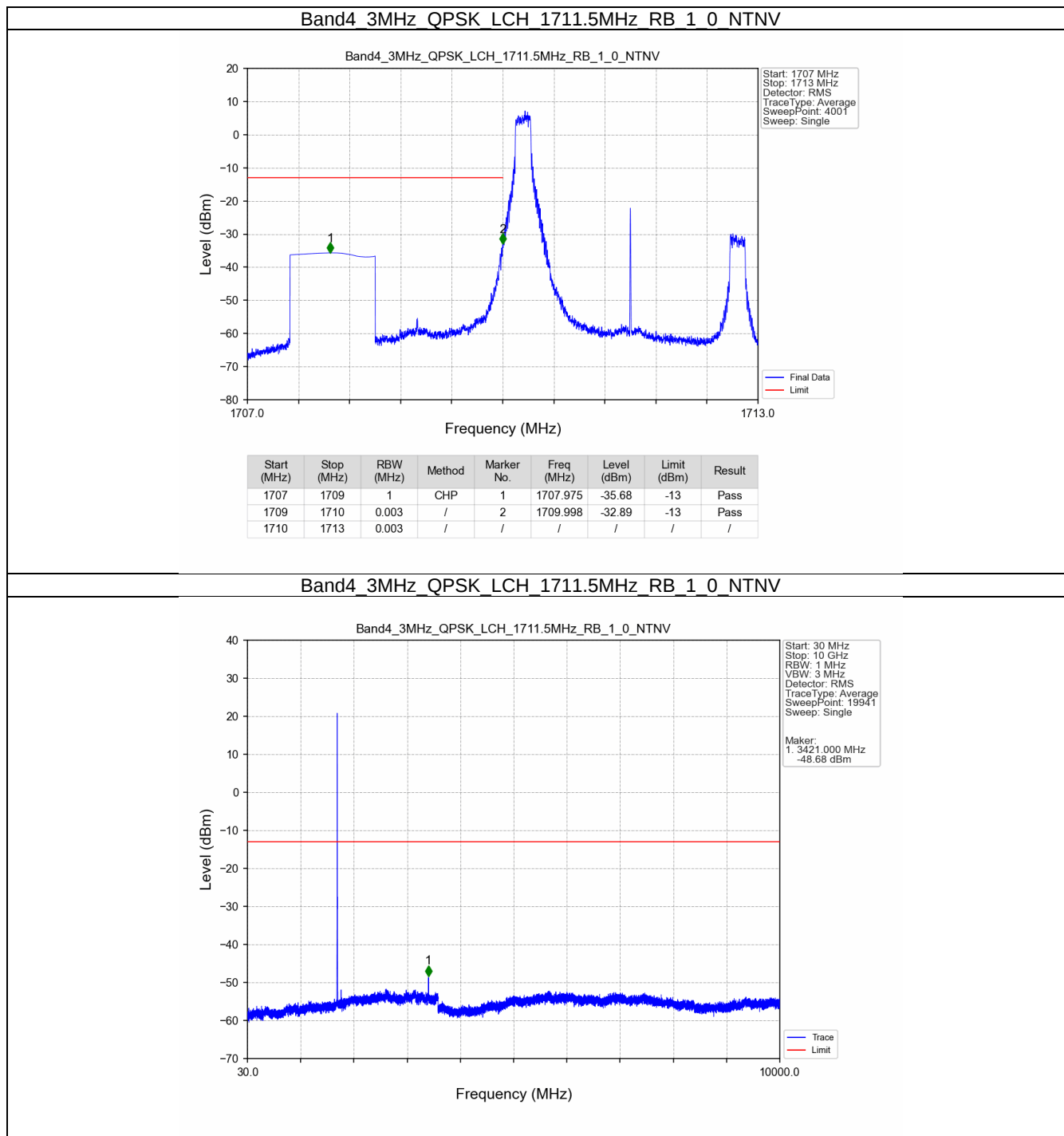
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.016   | -33.10      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -35.70      | -13         | Pass   |

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

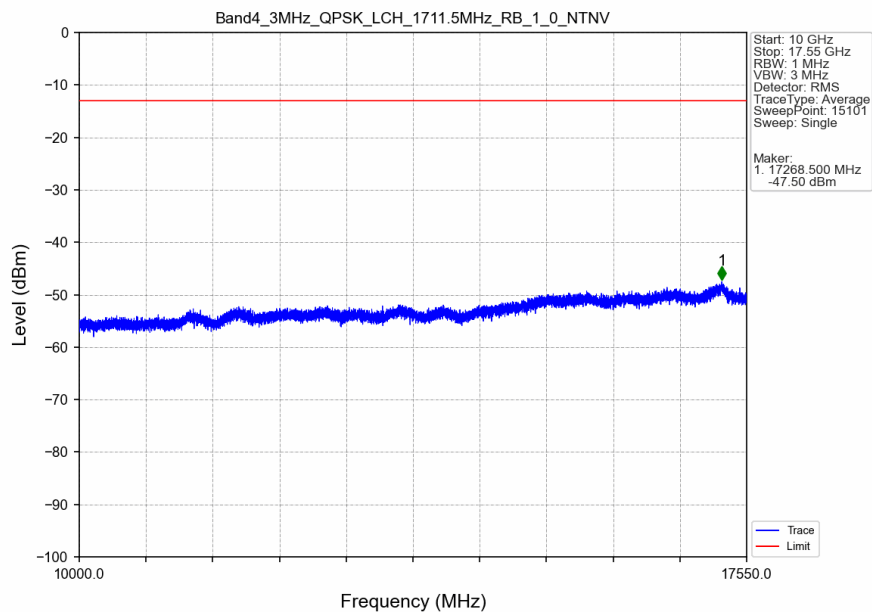


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.013     | CHP    | 1          | 1755.005   | -33.85      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -33.88      | -13         | Pass   |

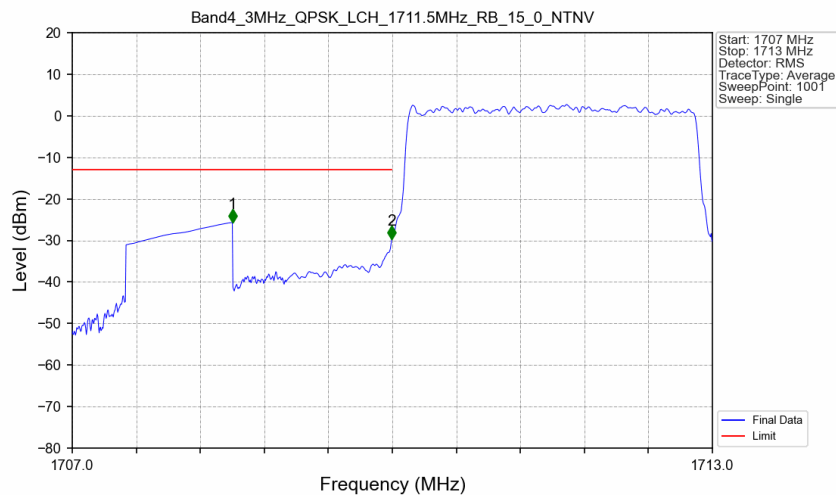
### 5.2.2 B4\_3MHz



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

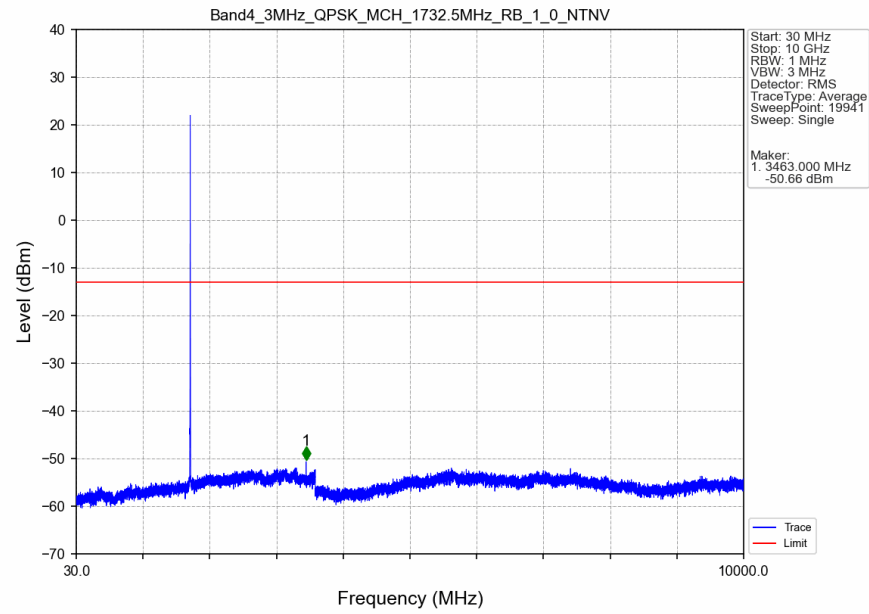


## Band4\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

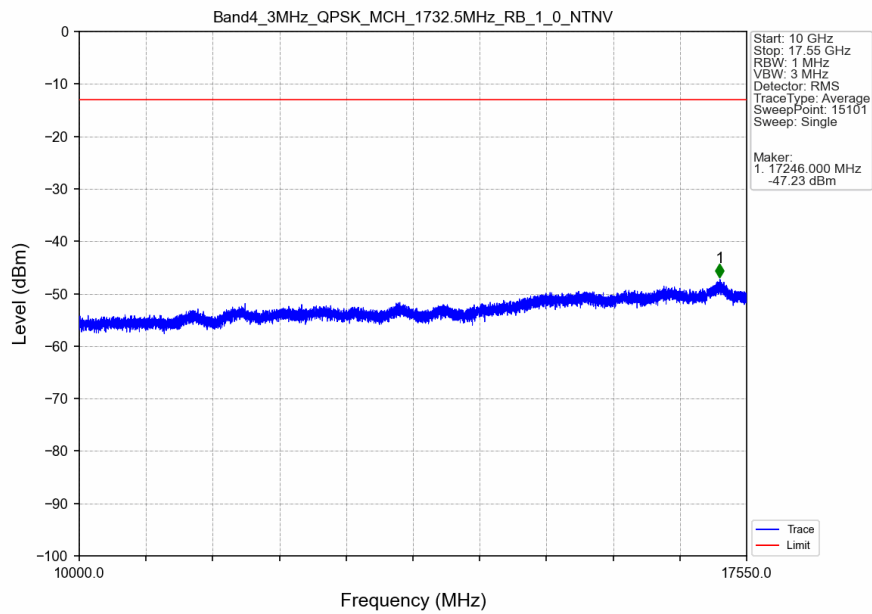


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -25.69      | -13         | Pass   |
| 1709        | 1710       | 0.031     | CHP    | 2          | 1709.994   | -29.61      | -13         | Pass   |
| 1710        | 1713       | 0.031     | CHP    | /          | /          | /           | /           | /      |

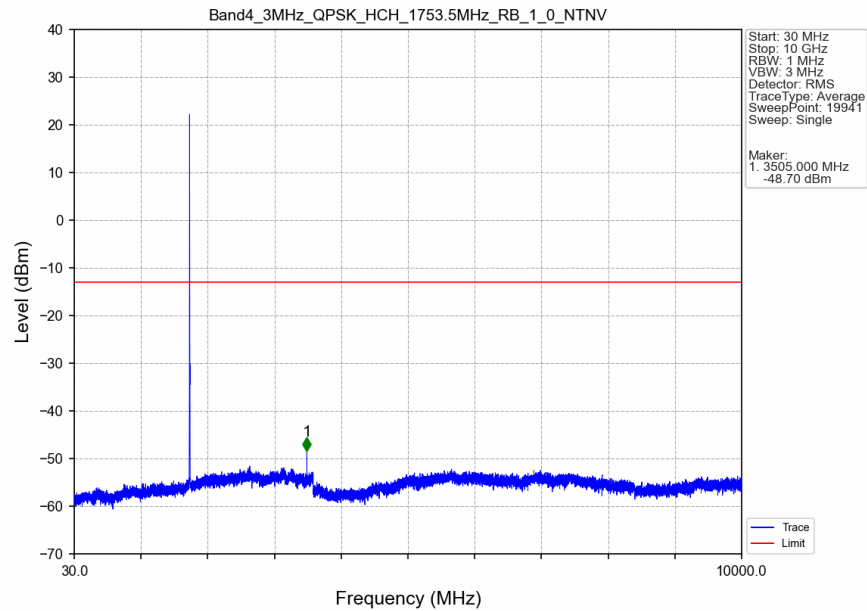
## Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



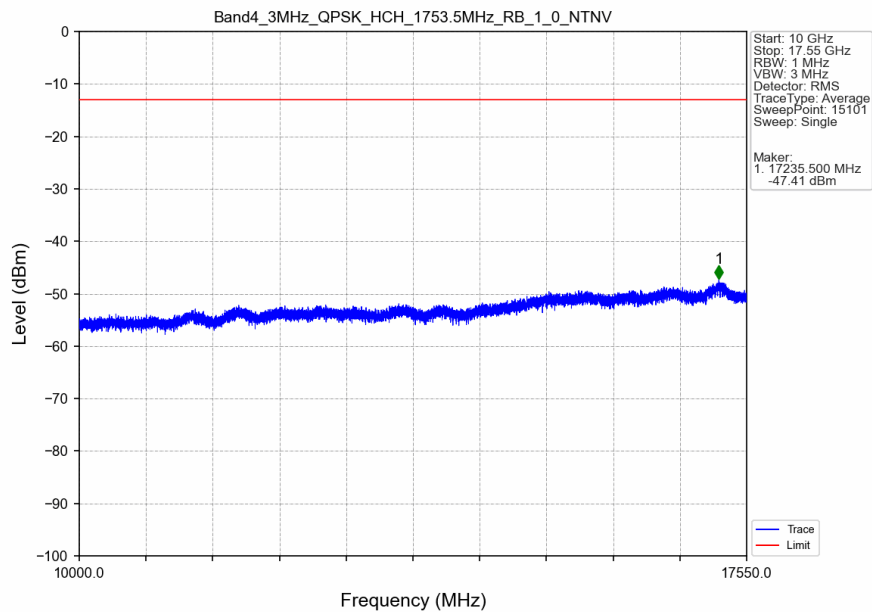
## Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



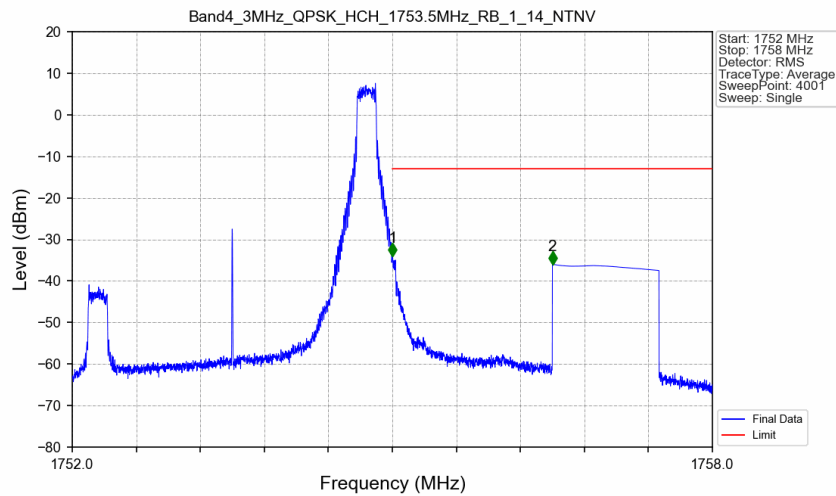
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



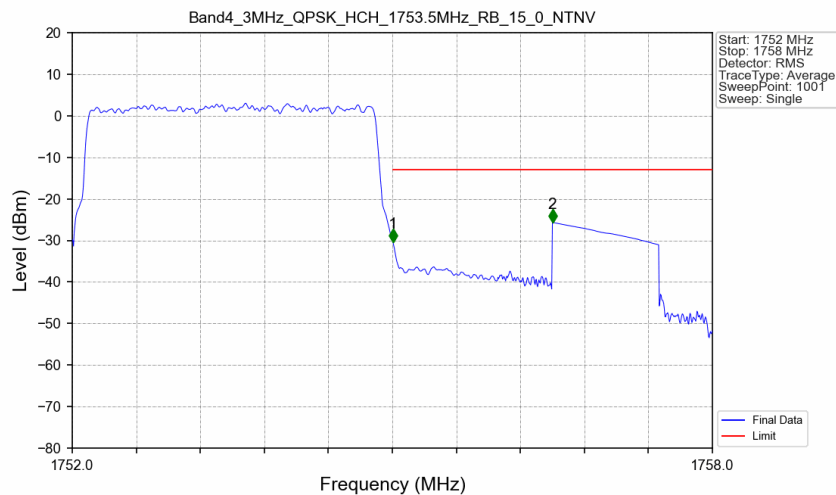
Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_1\_0\_NTNV



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

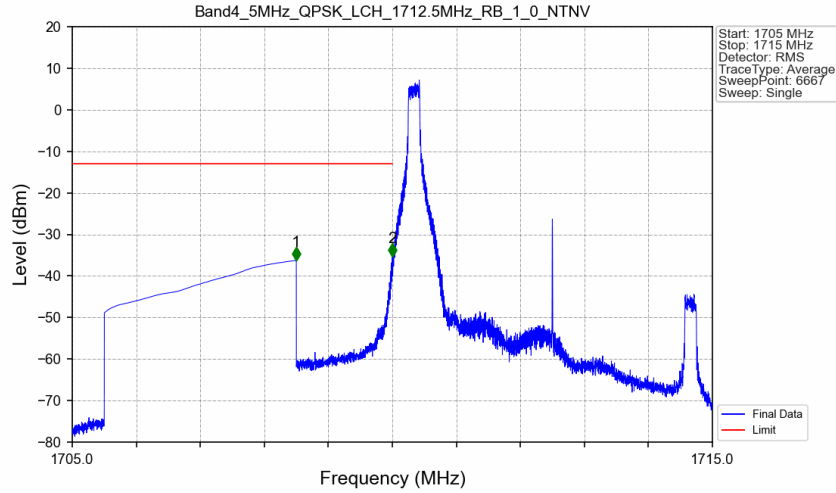


## Band4\_3MHz\_QPSK\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV

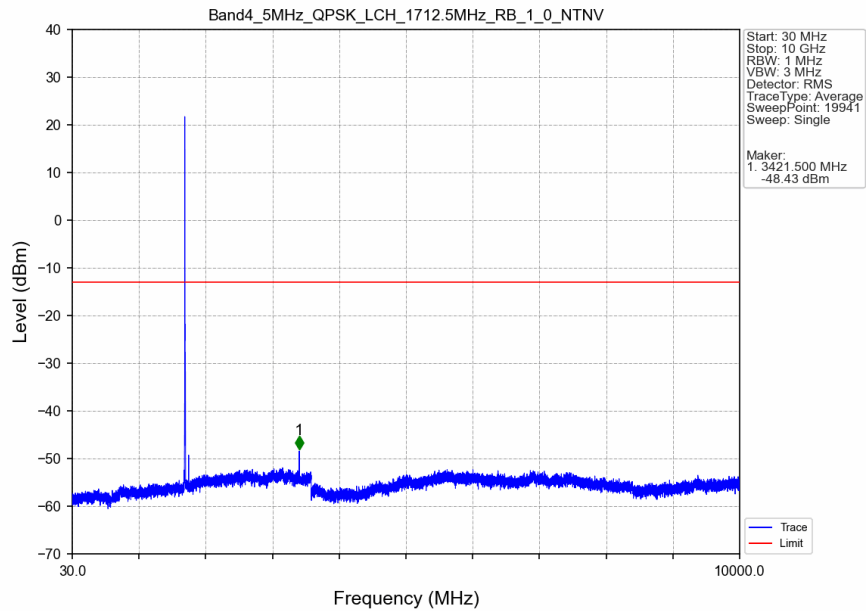


### 5.2.3 B4\_5MHz

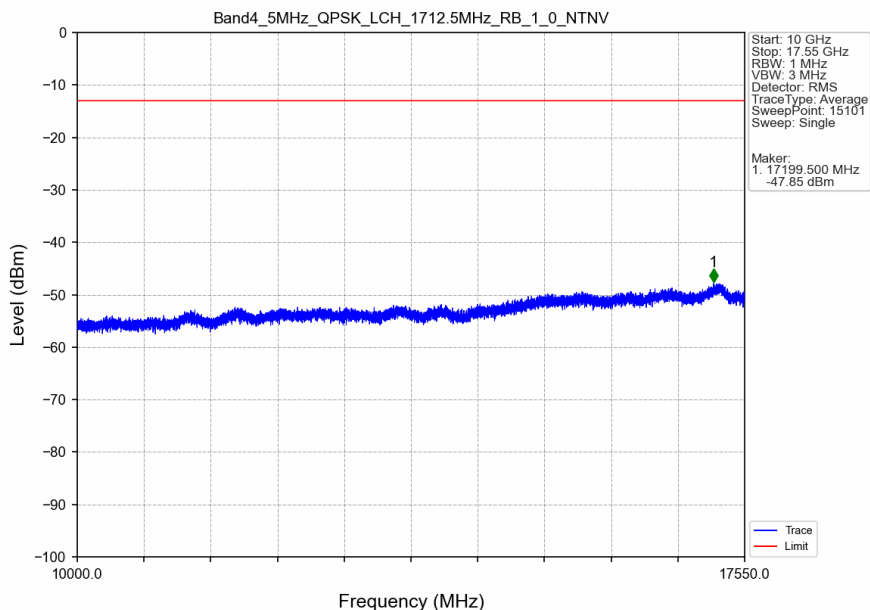
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



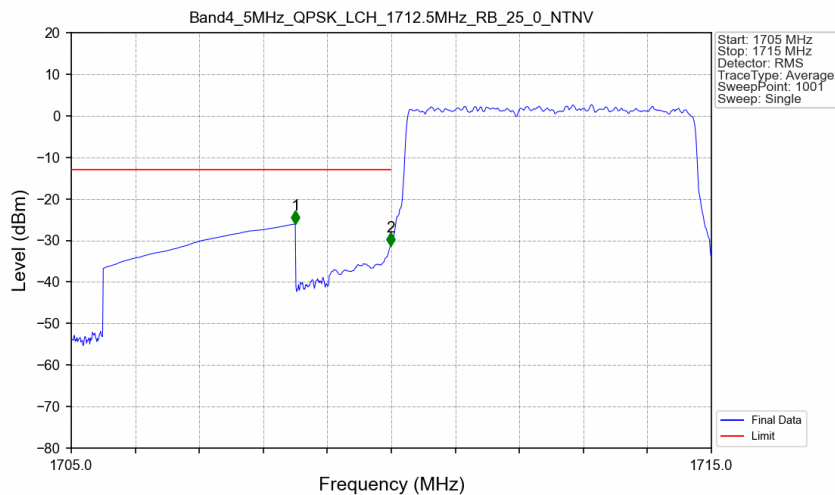
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



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

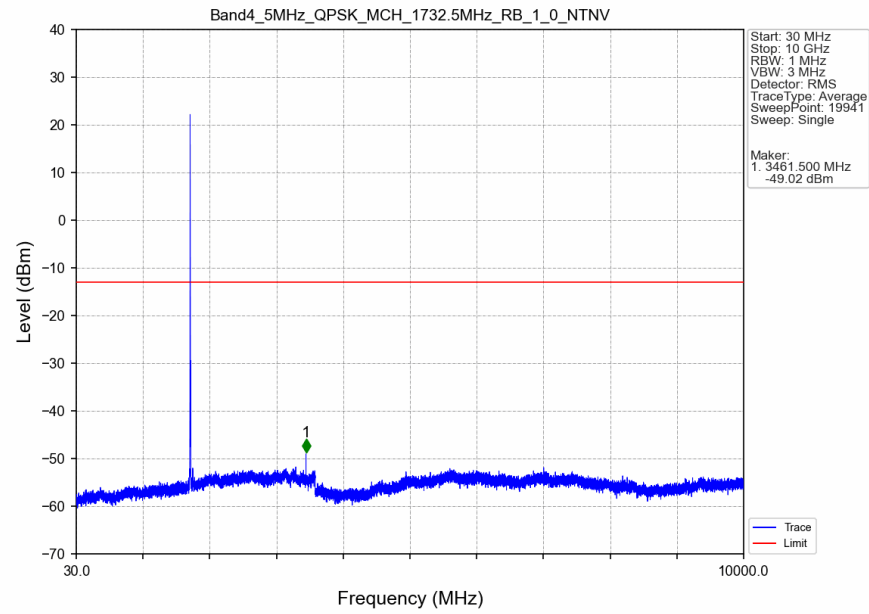


## Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

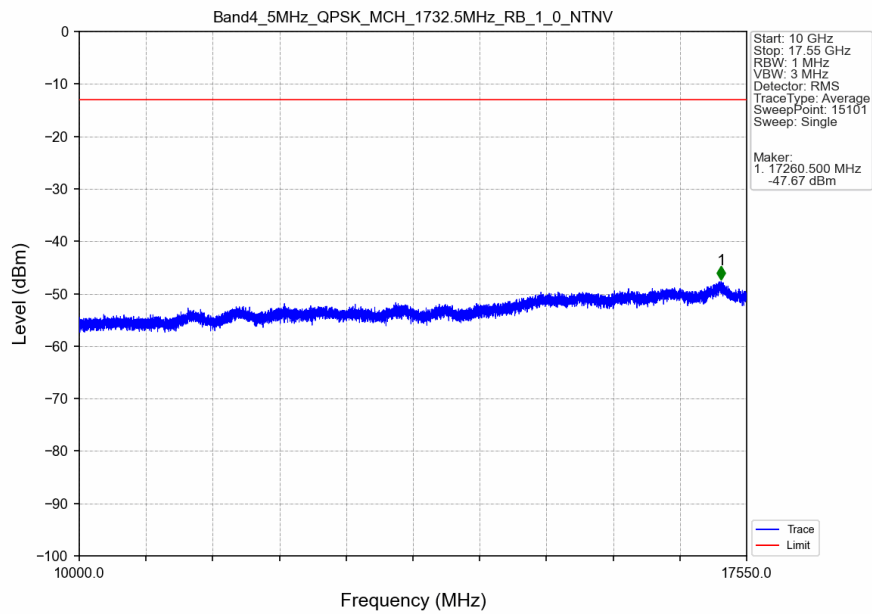


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -26.10      | -13         | Pass   |
| 1709        | 1710       | 0.051     | CHP    | 2          | 1709.990   | -31.37      | -13         | Pass   |
| 1710        | 1715       | 0.051     | CHP    | /          | /          | /           | /           | /      |

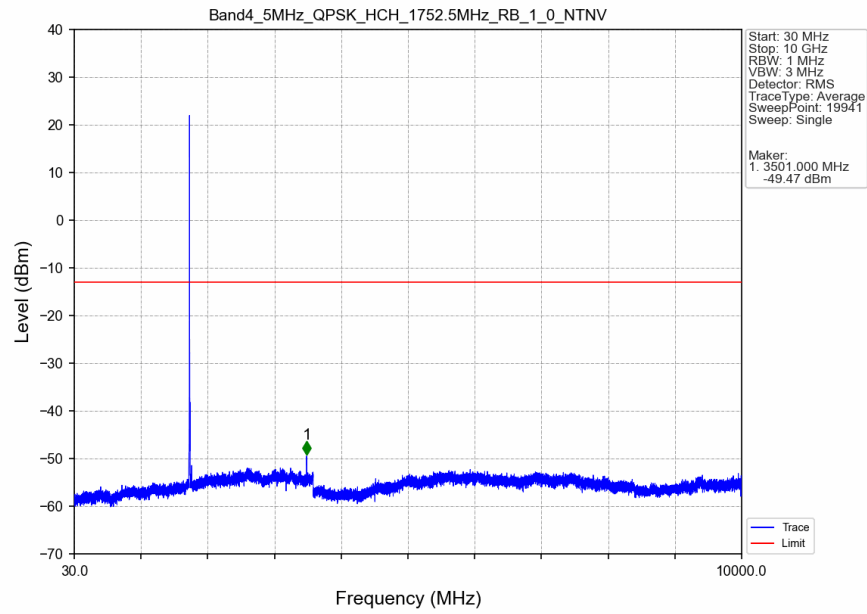
## Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



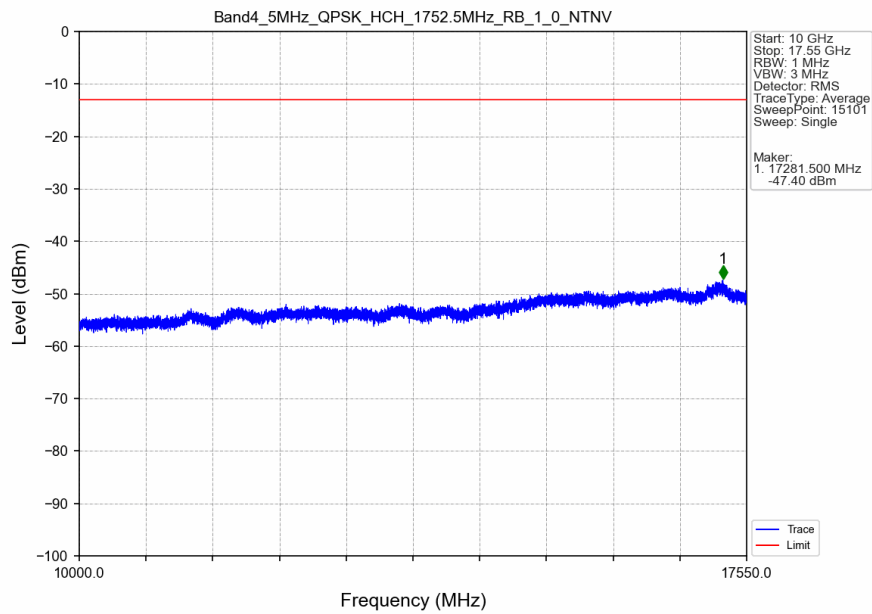
## Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



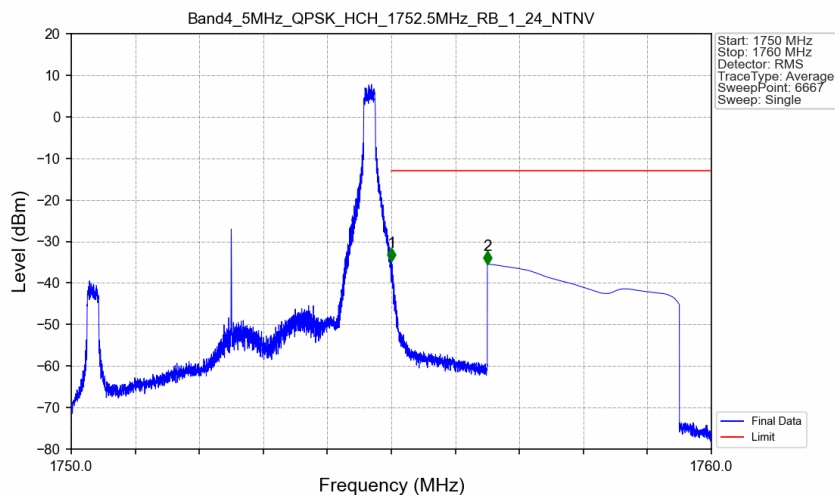
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



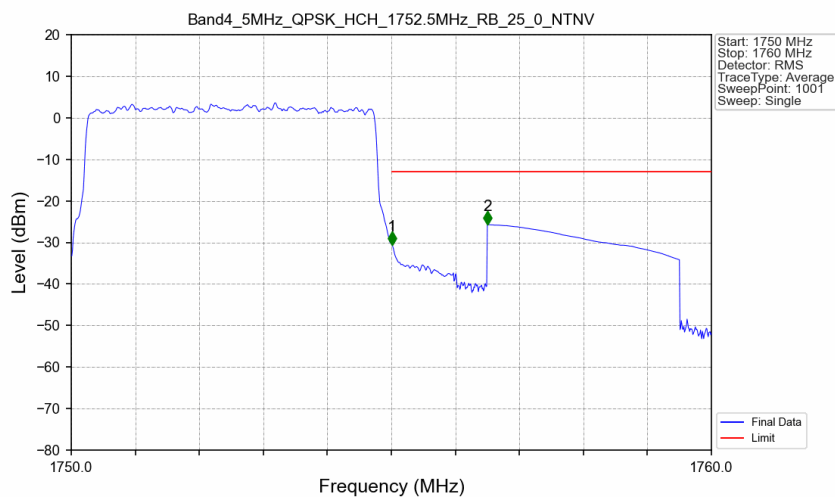
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



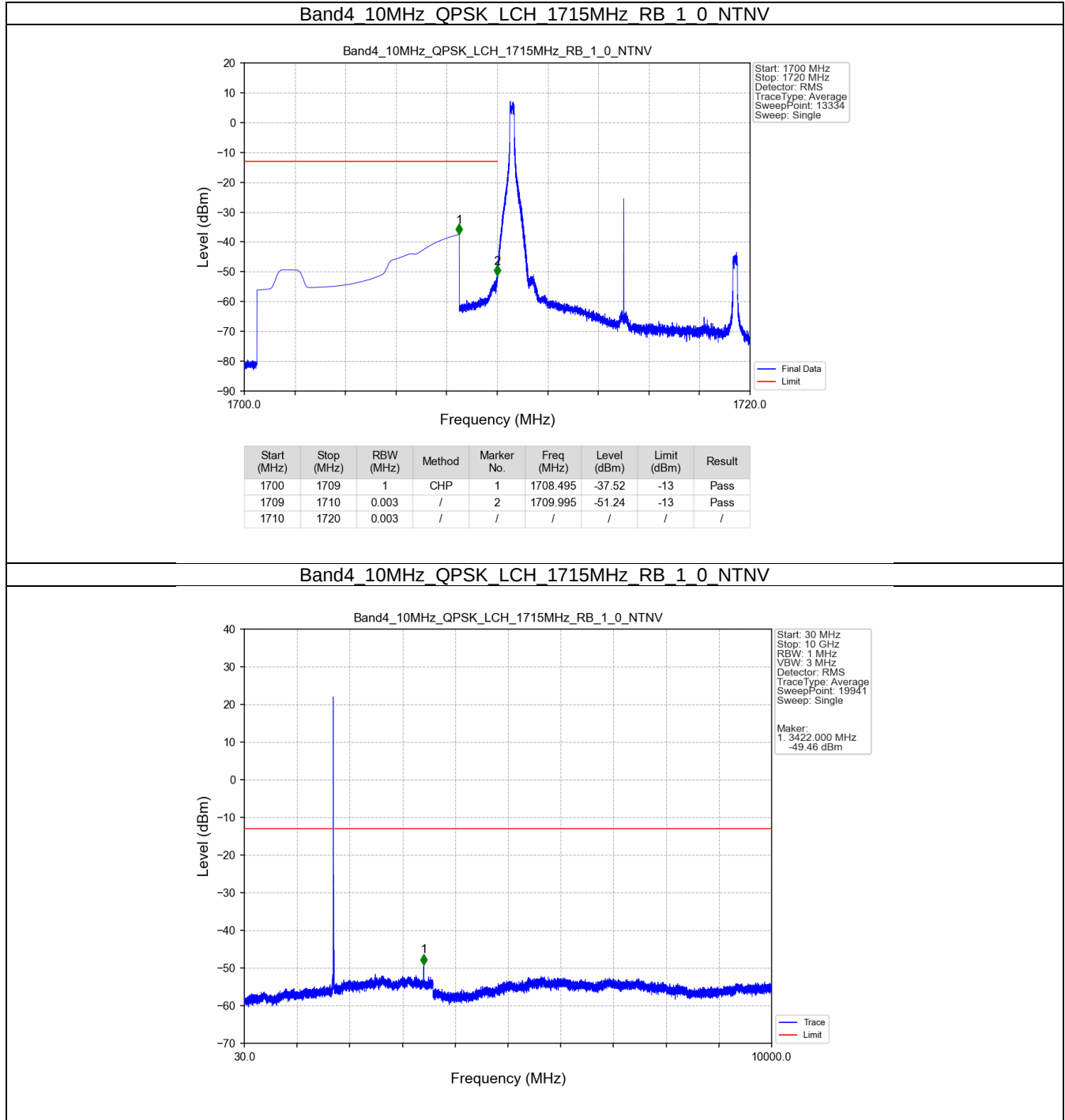
## Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



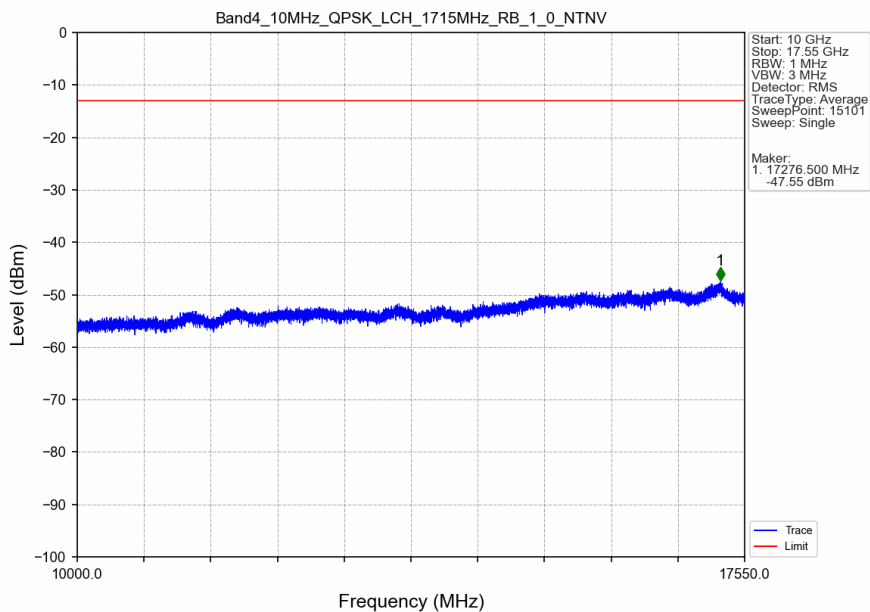
## Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



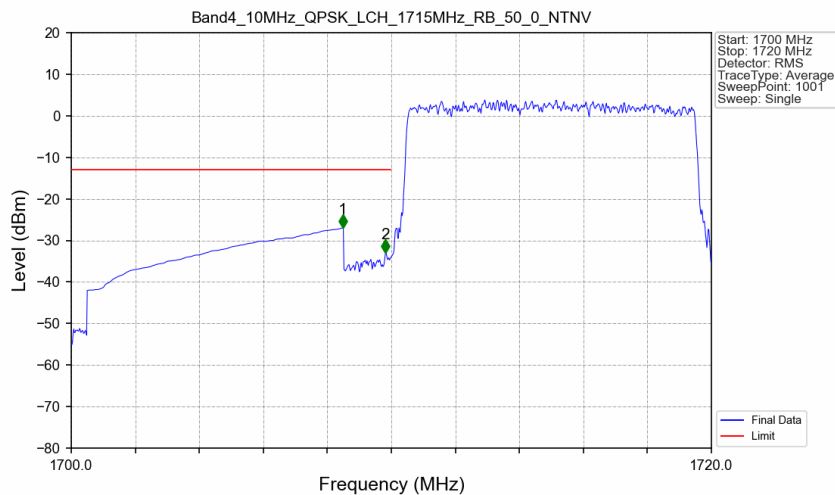
### 5.2.4 B4\_10MHz



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

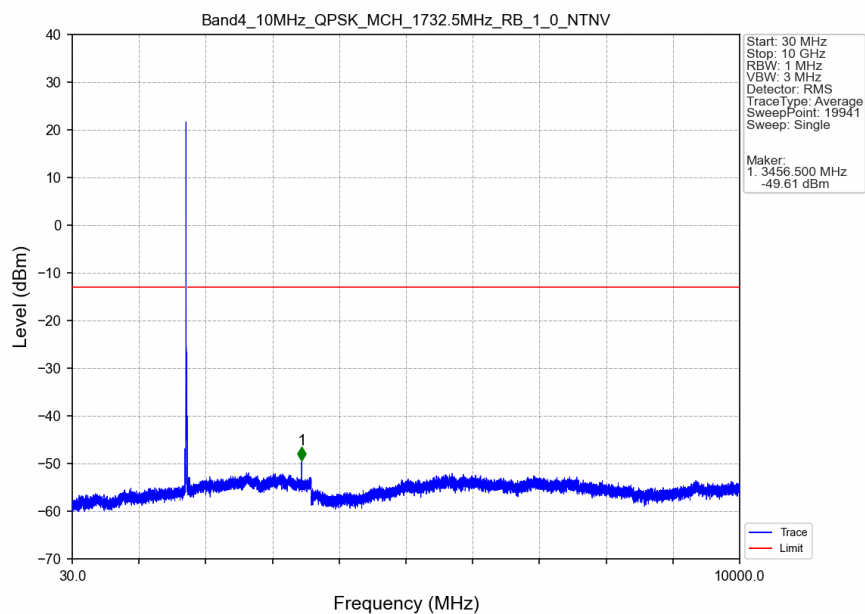


## Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

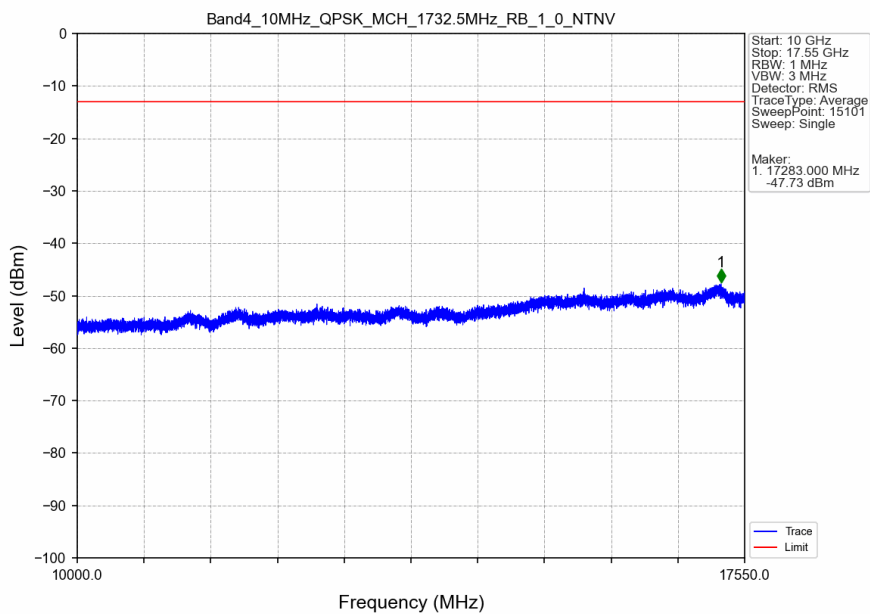


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1708.480   | -27.02      | -13         | Pass   |
| 1709        | 1710       | 0.1       | /      | 2          | 1709.820   | -32.97      | -13         | Pass   |
| 1710        | 1720       | 0.1       | /      | /          | /          | /           | /           | /      |

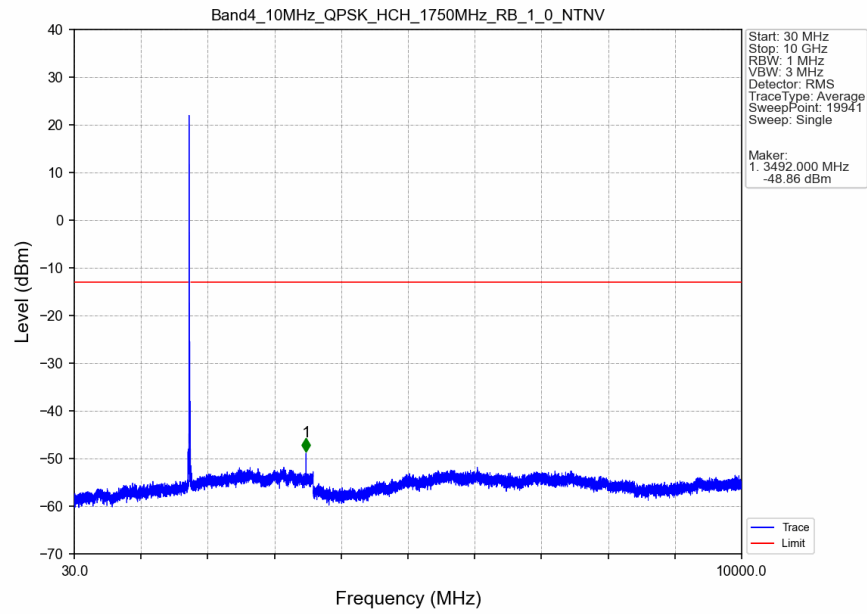
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



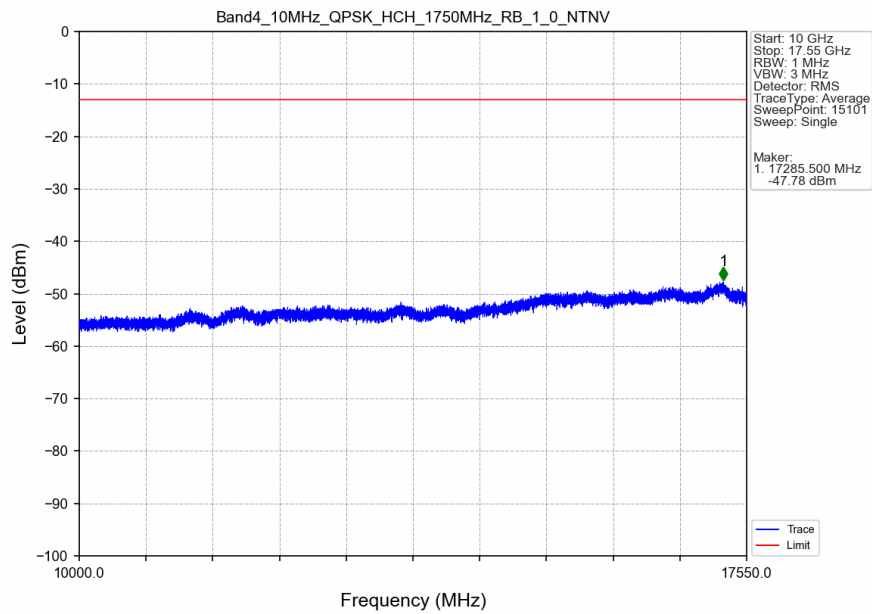
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



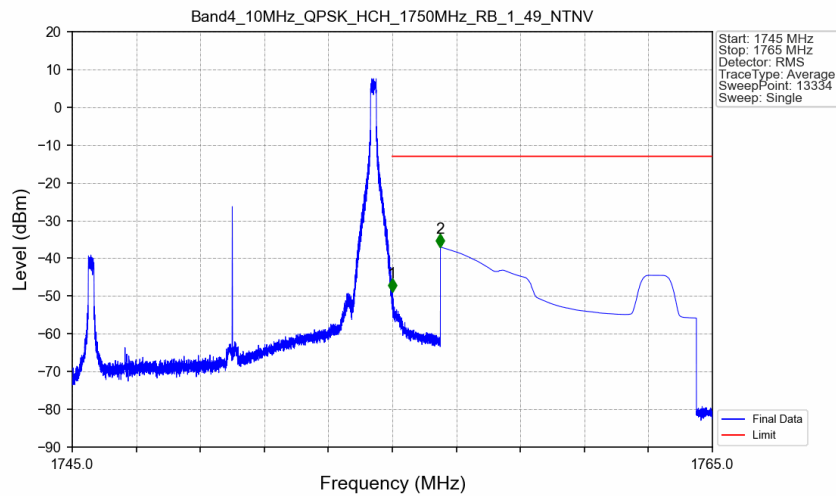
Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



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

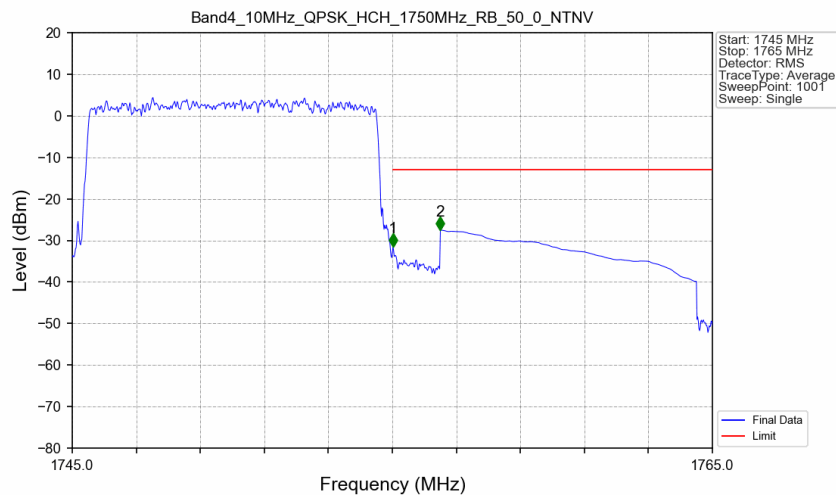


## Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_49\_NTNV



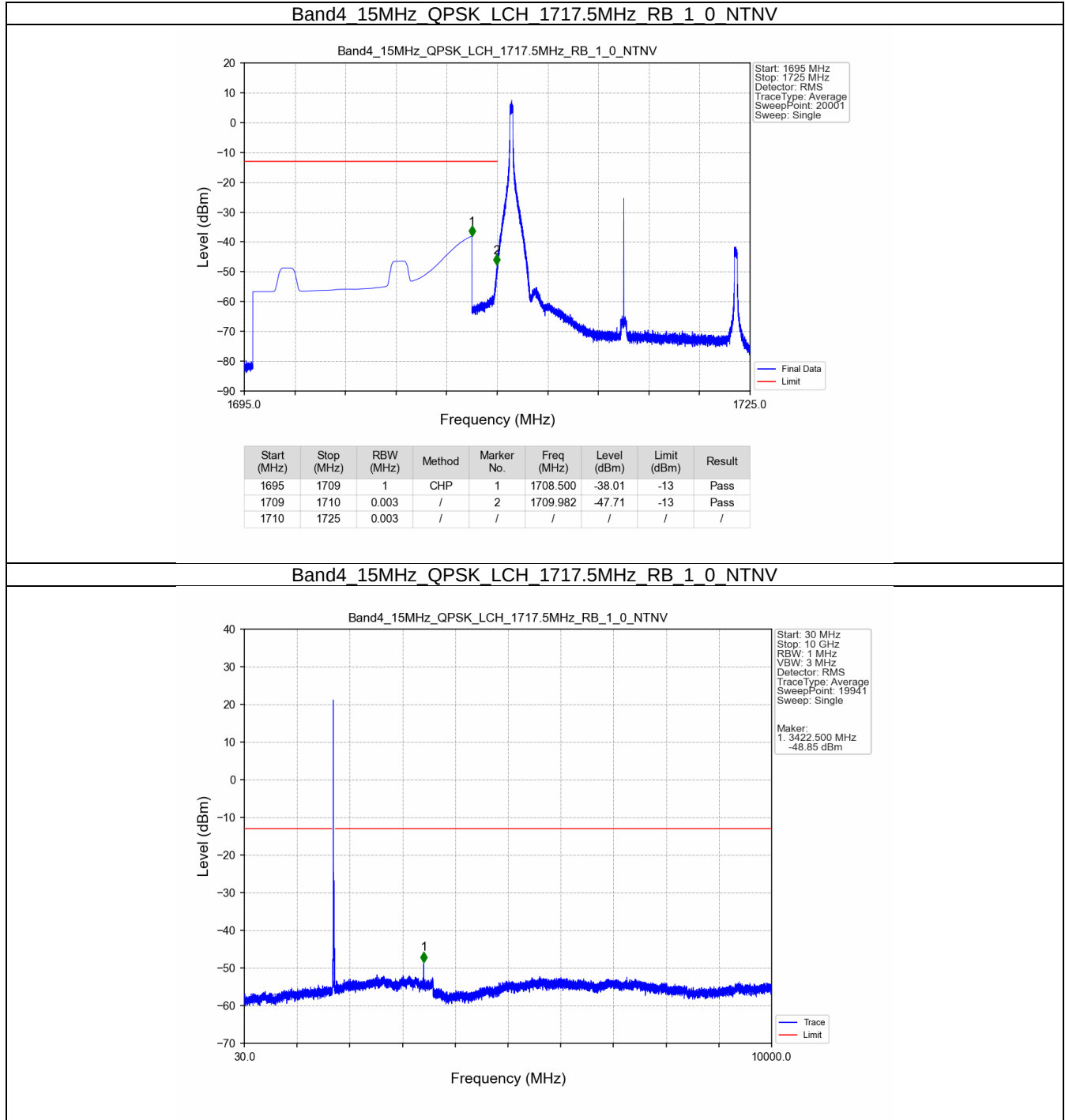
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.001   | -48.83      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.501   | -37.05      | -13         | Pass   |

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

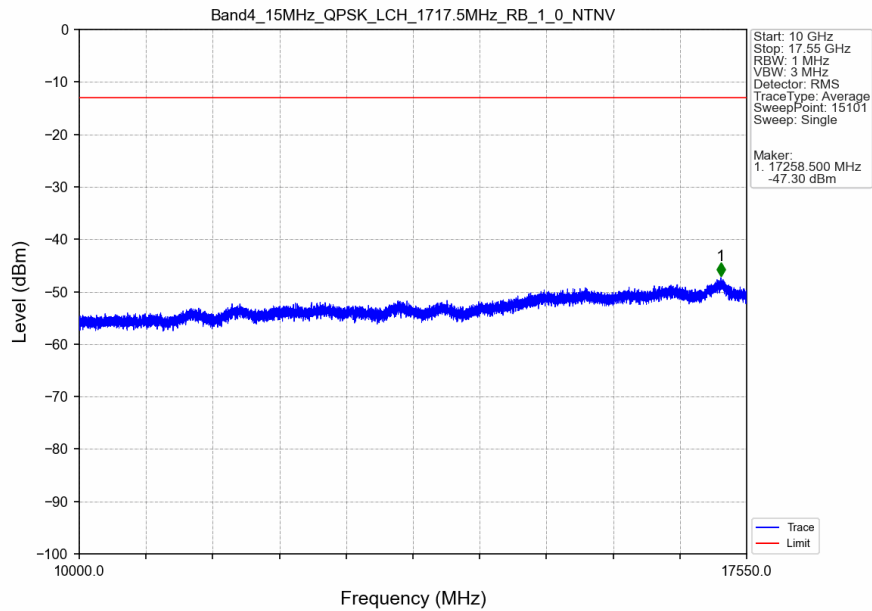


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.1       | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.1       | /      | 1          | 1755.020   | -31.44      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.500   | -27.50      | -13         | Pass   |

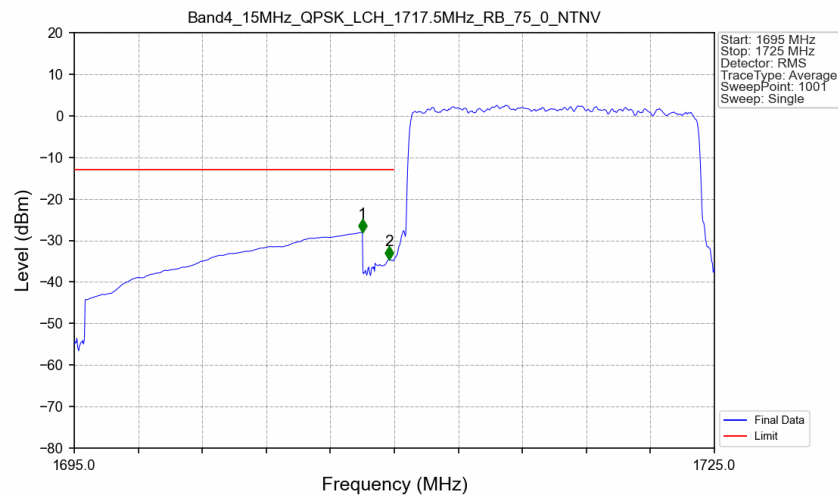
### 5.2.5 B4\_15MHz



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

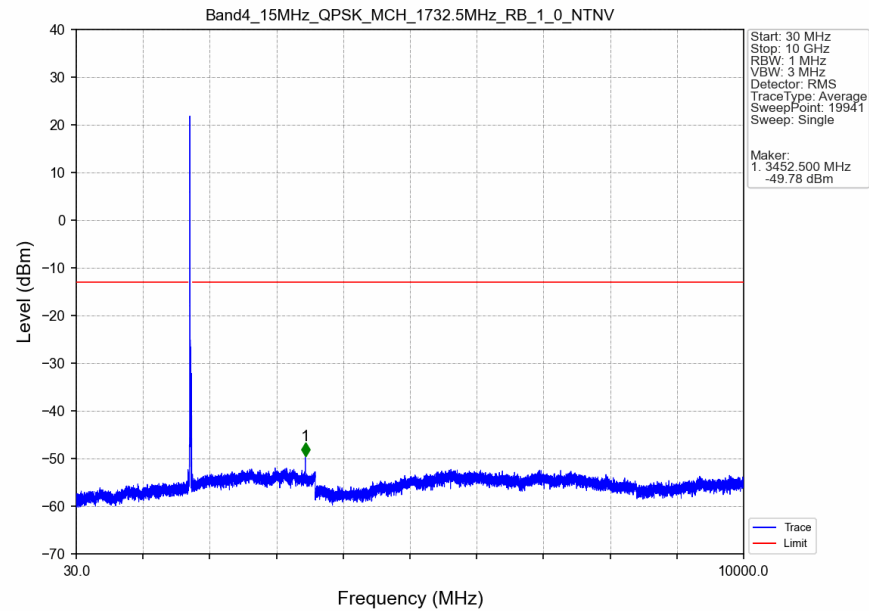


## Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

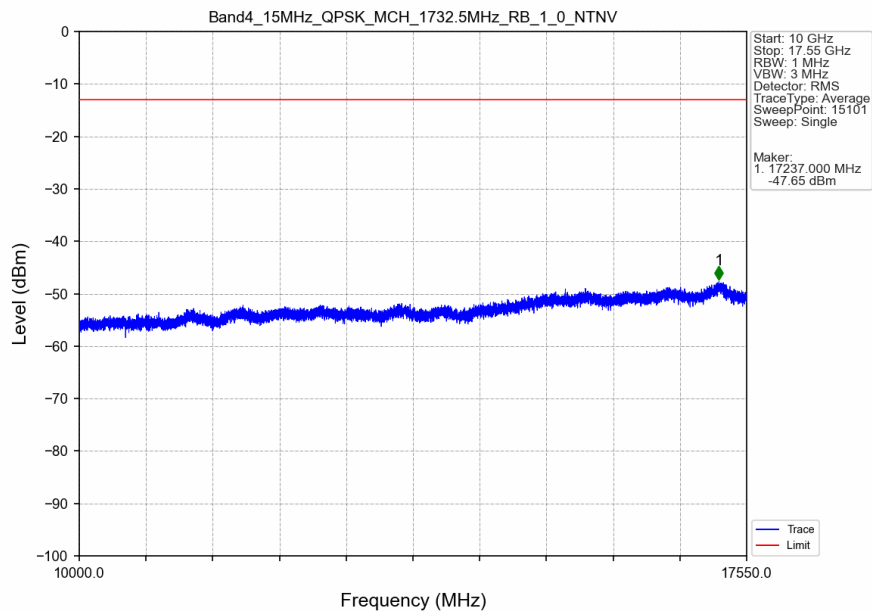


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.500   | -27.97      | -13         | Pass   |
| 1709        | 1710       | 0.149     | CHP    | 2          | 1709.760   | -34.61      | -13         | Pass   |
| 1710        | 1725       | 0.149     | CHP    | /          | /          | /           | /           | /      |

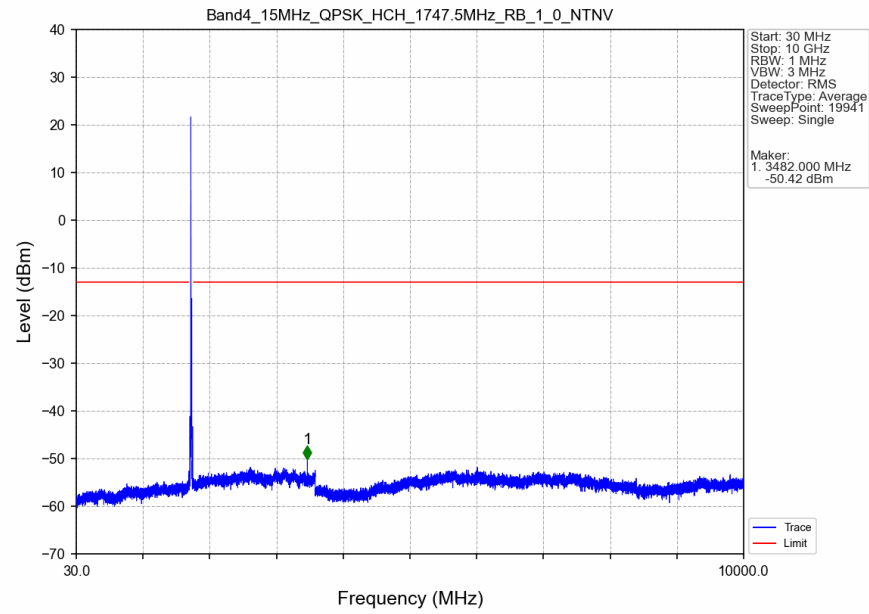
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



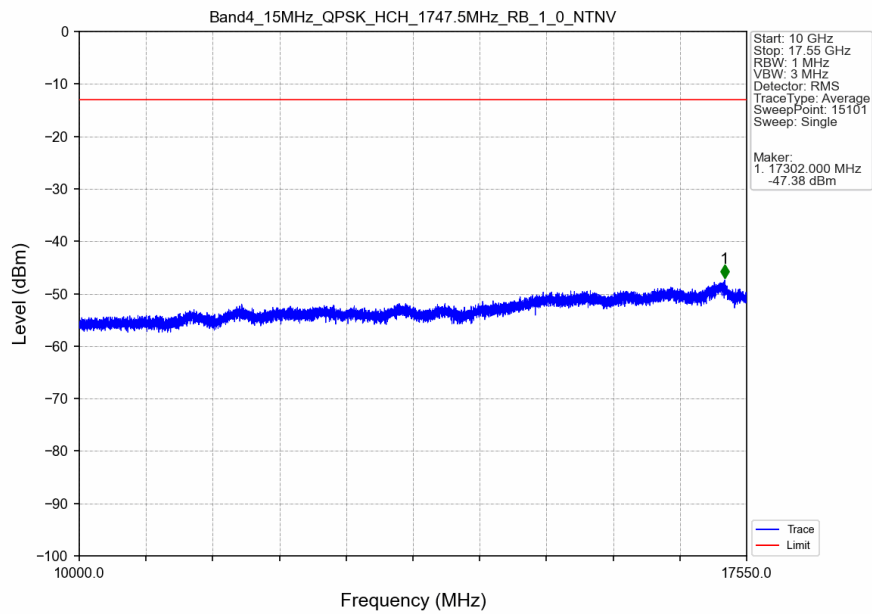
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



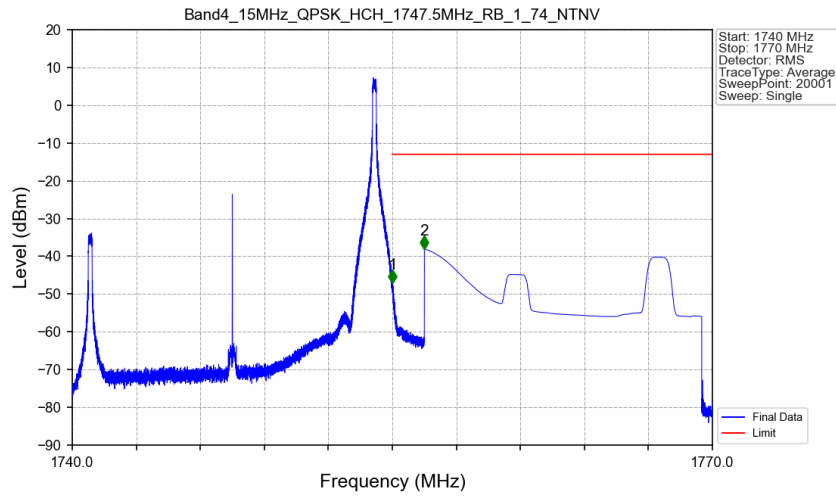
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



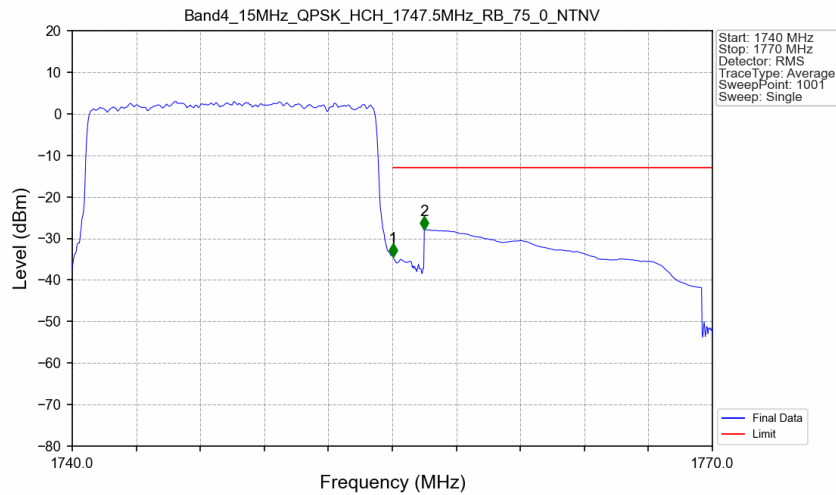
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



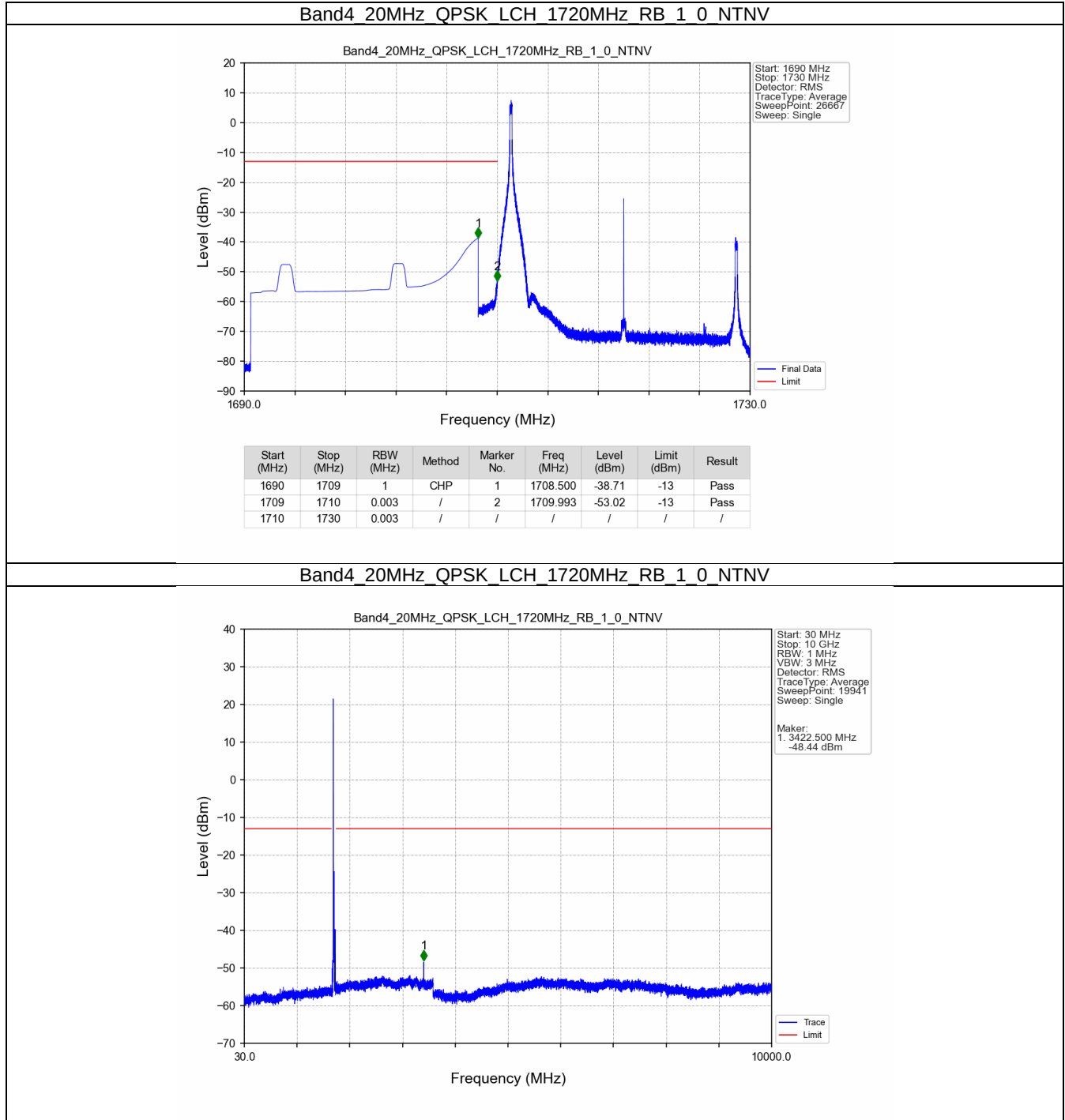
## Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV



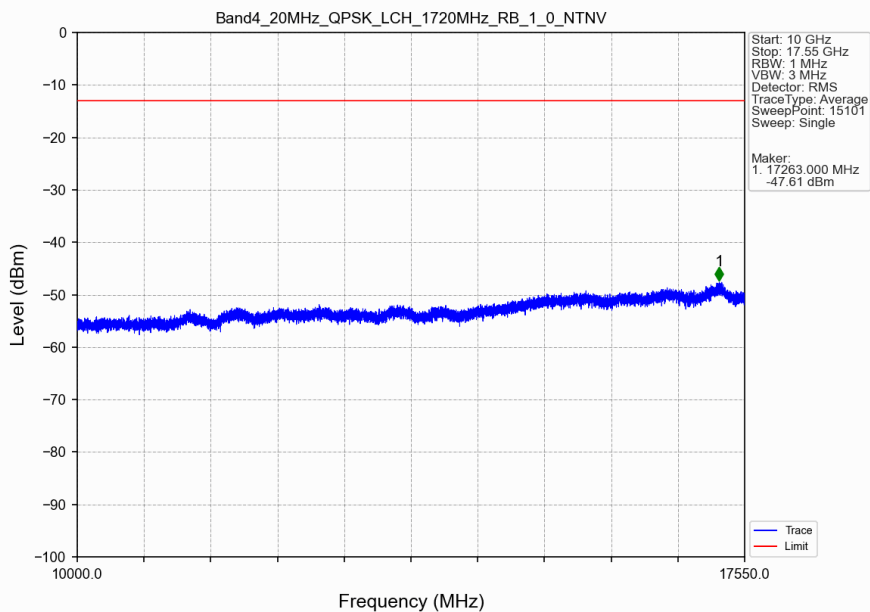
## Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



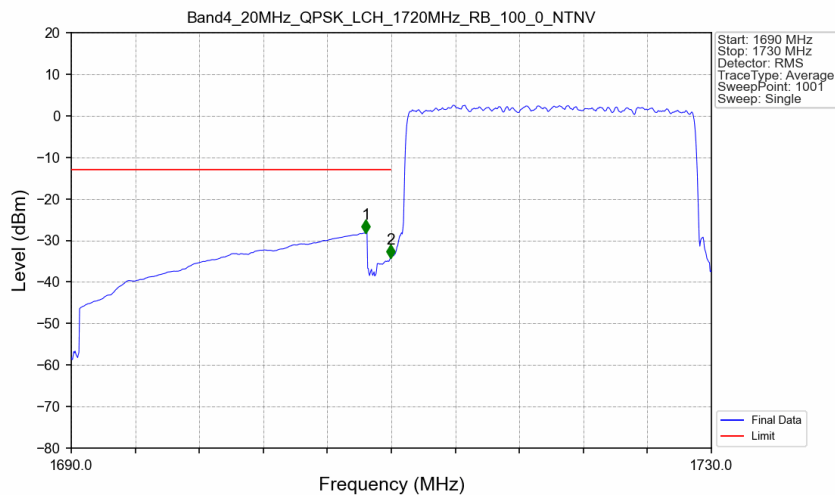
### 5.2.6 B4\_20MHz



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

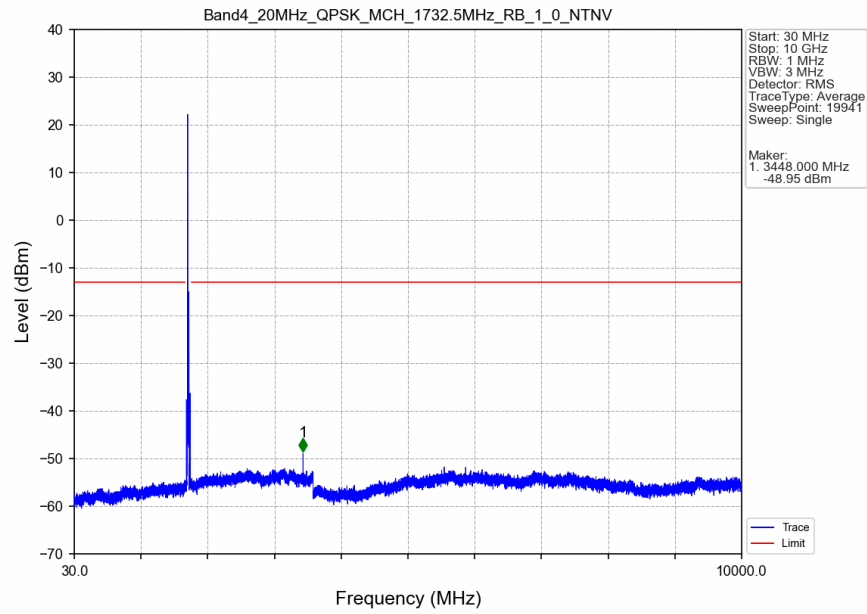


Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV

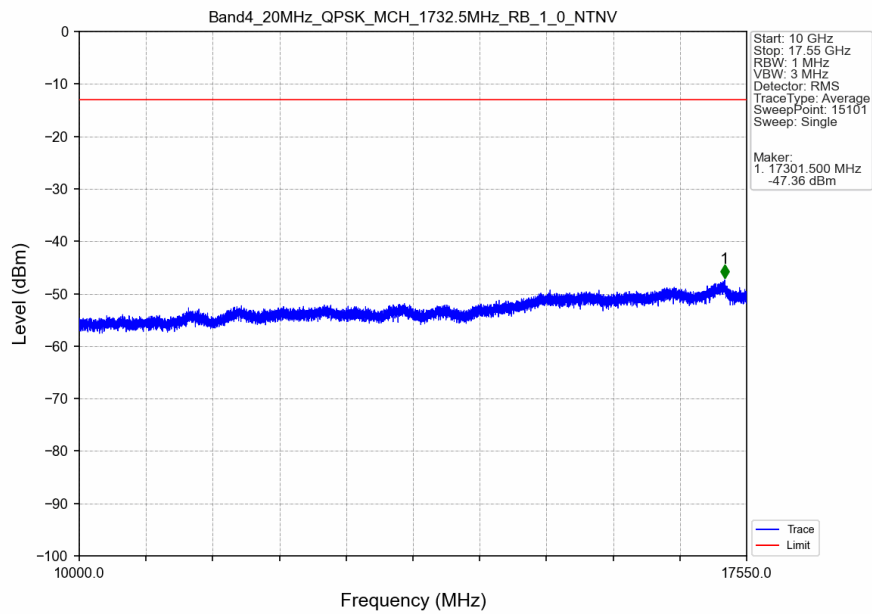


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.400   | -28.19      | -13         | Pass   |
| 1709        | 1710       | 0.198     | CHP    | 2          | 1709.960   | -34.25      | -13         | Pass   |
| 1710        | 1730       | 0.198     | CHP    | /          | /          | /           | /           | /      |

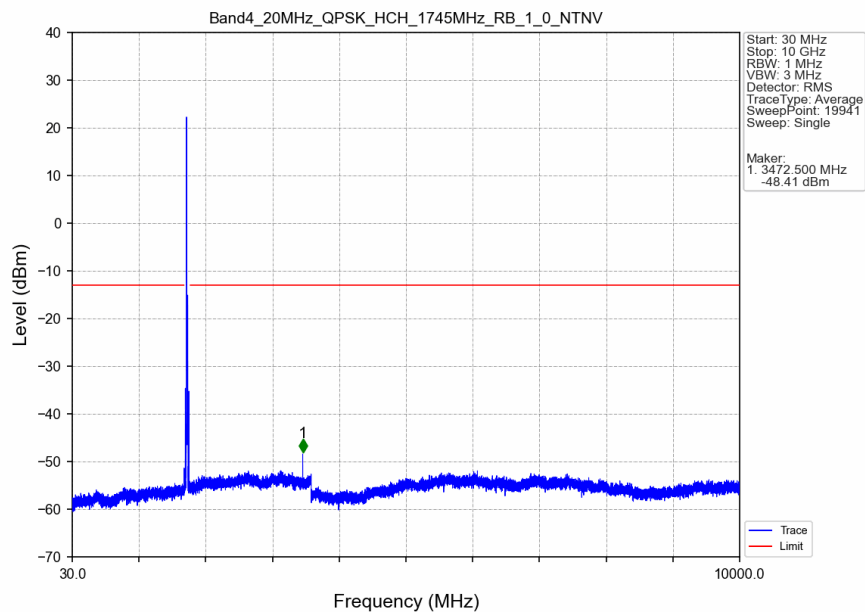
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



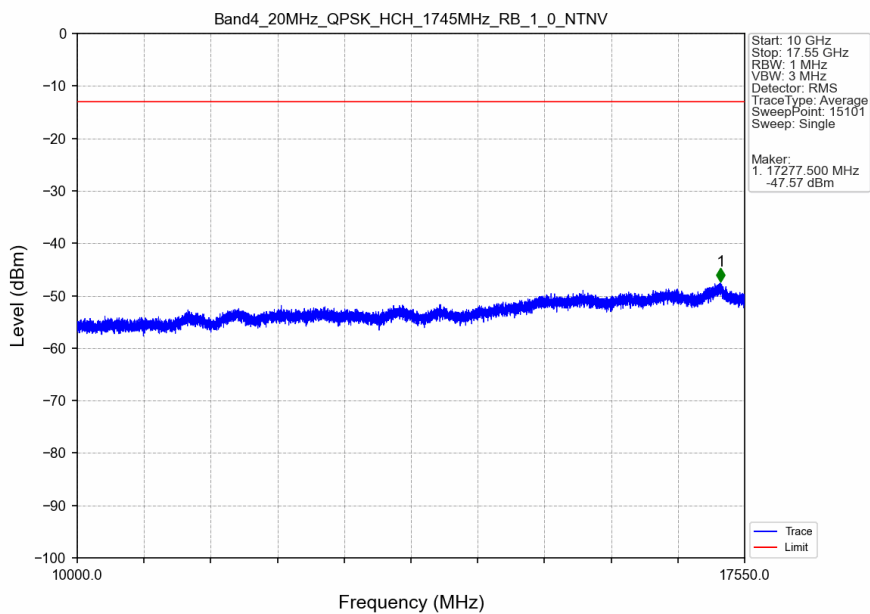
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



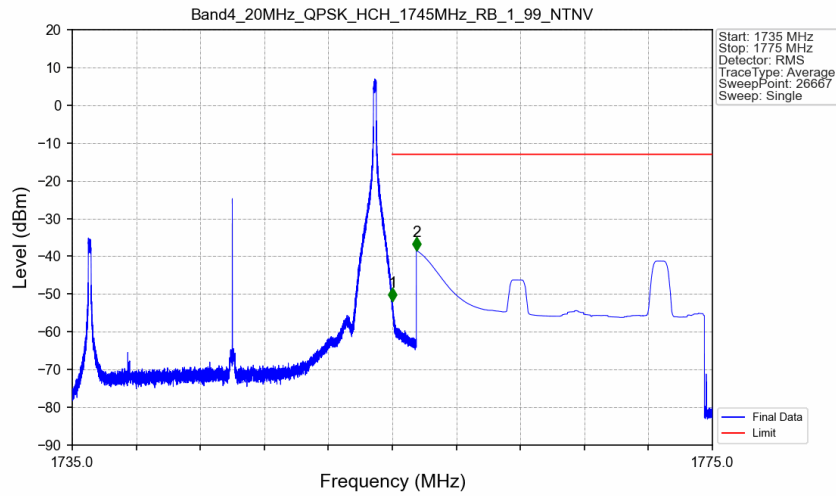
Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_0\_NTNV



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

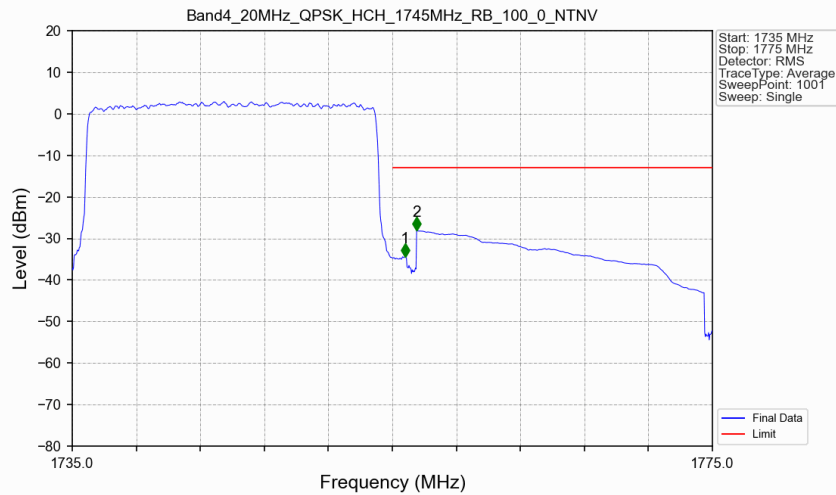


## Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1735        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.005   | -51.92      | -13         | Pass   |
| 1756        | 1775       | 1         | CHP    | 2          | 1756.500   | -38.46      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1735        | 1755       | 0.198     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.198     | CHP    | 1          | 1755.800   | -34.36      | -13         | Pass   |
| 1756        | 1775       | 1         | CHP    | 2          | 1756.520   | -28.10      | -13         | Pass   |

- End of the Appendix -