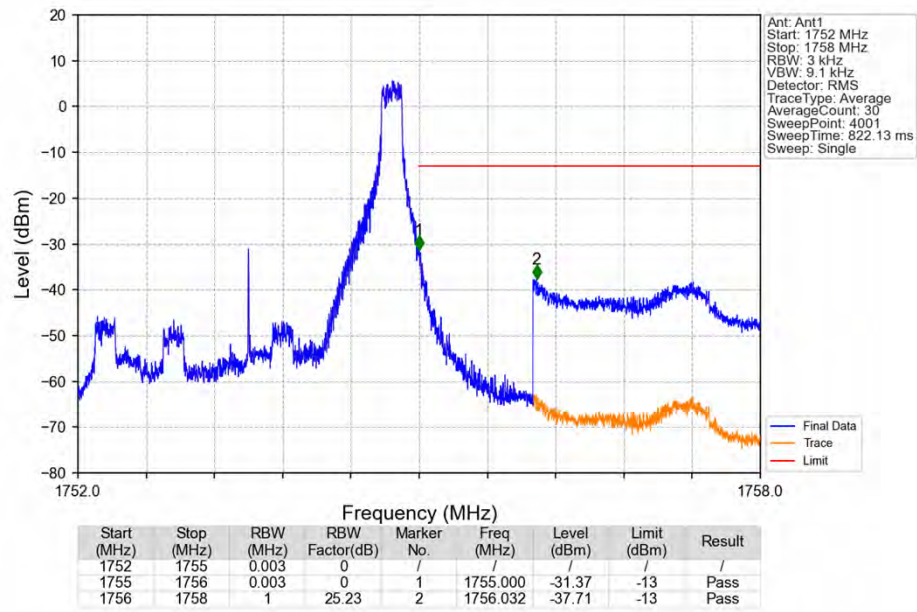
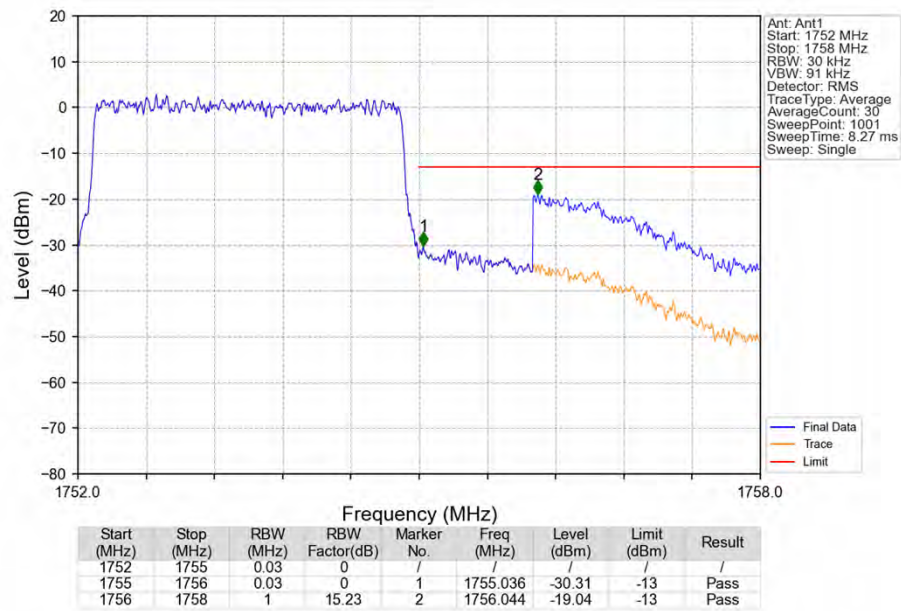


Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_1\_14\_NTNV



Band4\_3MHz\_16QAM\_HCH\_1753.5MHz\_RB\_15\_0\_NTNV

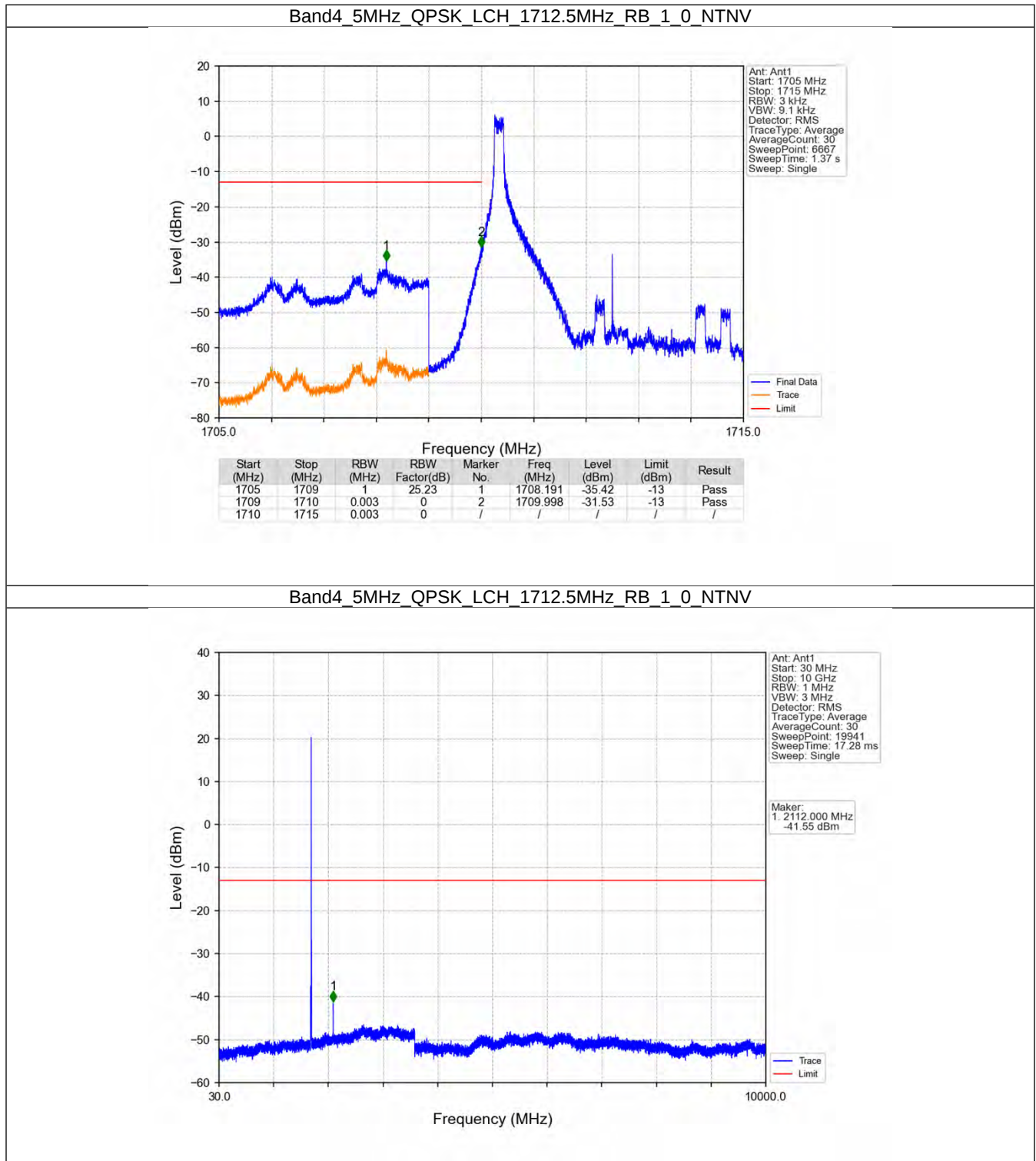


## 6.3 B4\_5MHz

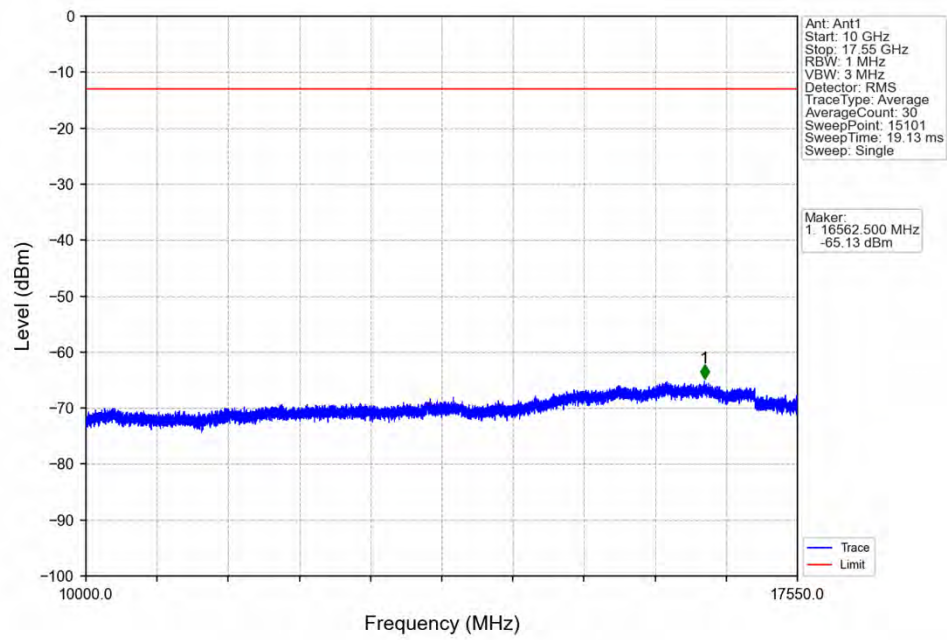
### 6.3.1 Test Result

| 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    |
| 16QAM                            | 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    |

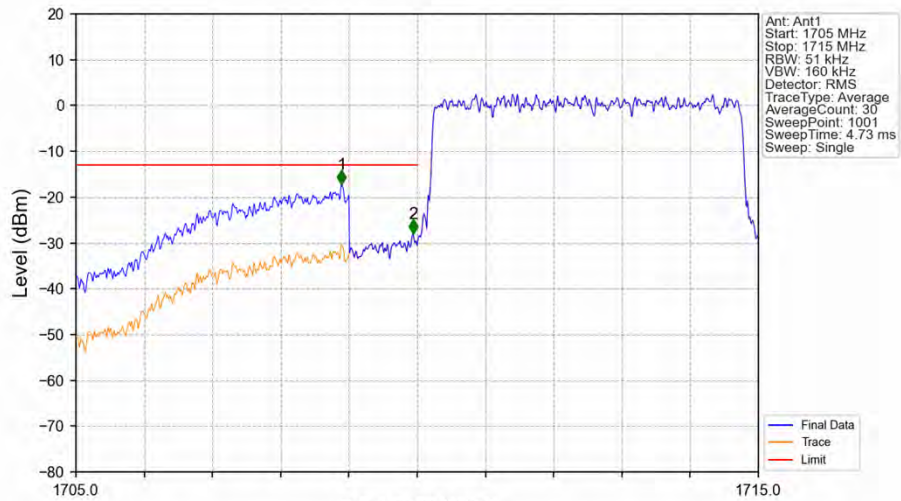
## 6.3.2 Test Graph



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

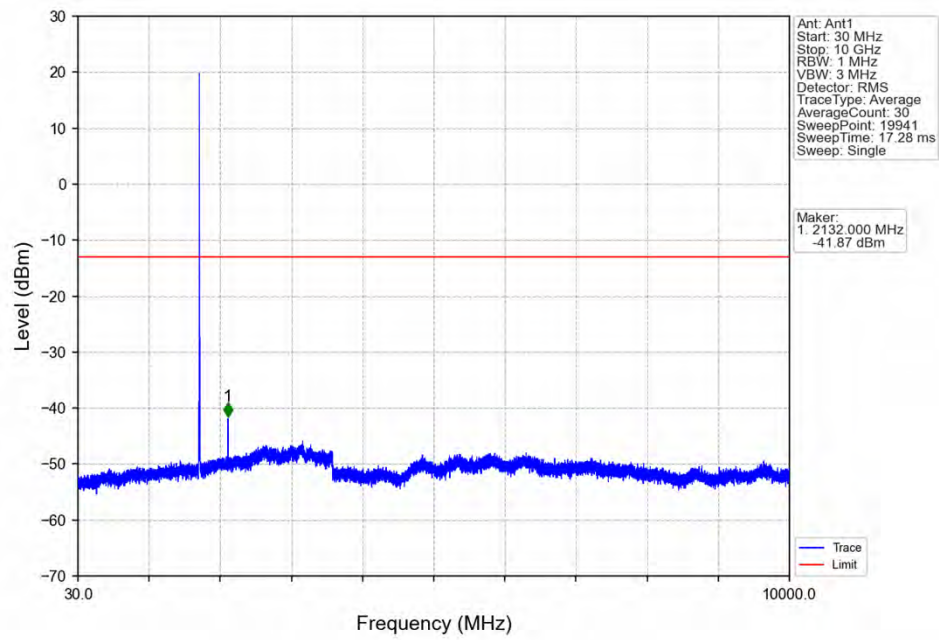


Band4\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

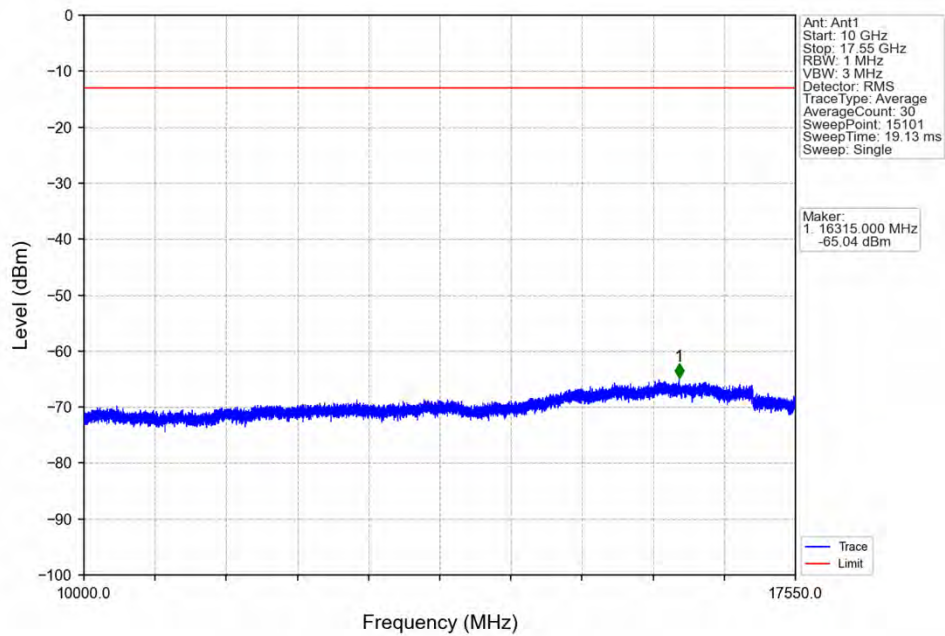


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | 12.92          | 1          | 1708.890   | -17.26      | -13         | Pass   |
| 1709        | 1710       | 0.051     | 0              | 2          | 1709.940   | -27.93      | -13         | Pass   |
| 1710        | 1715       | 0.051     | 0              | /          | /          | /           | /           | /      |

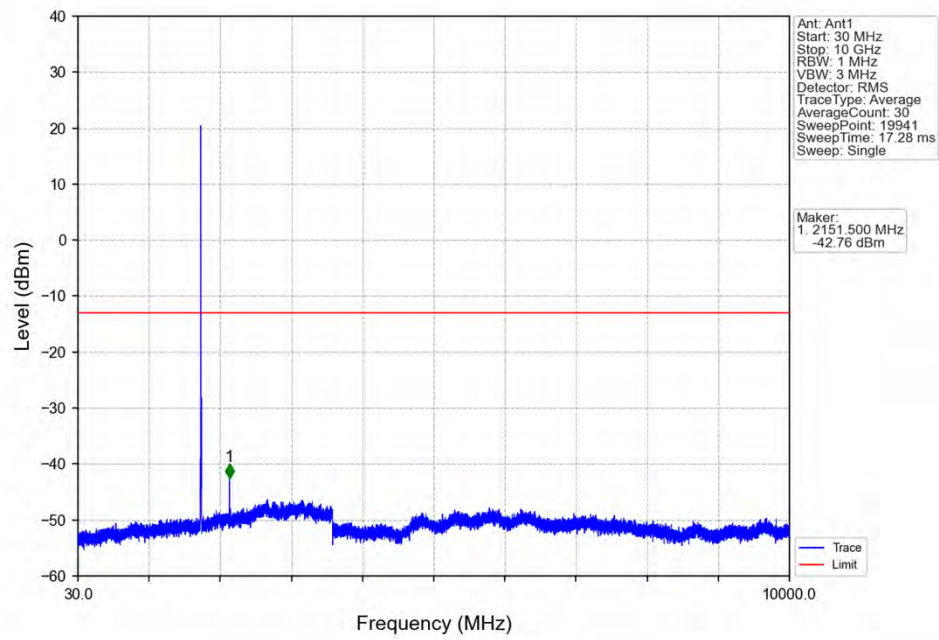
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



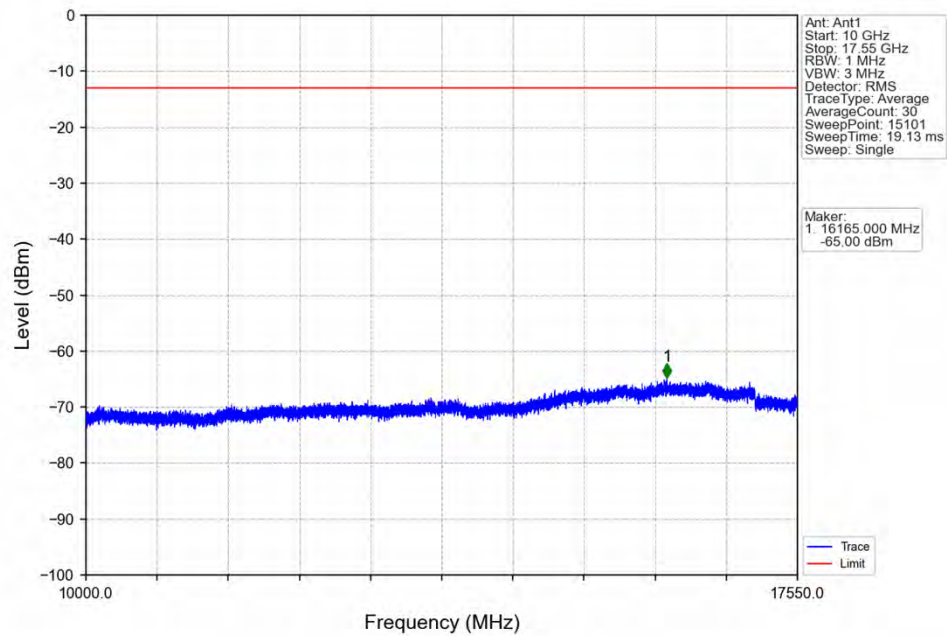
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



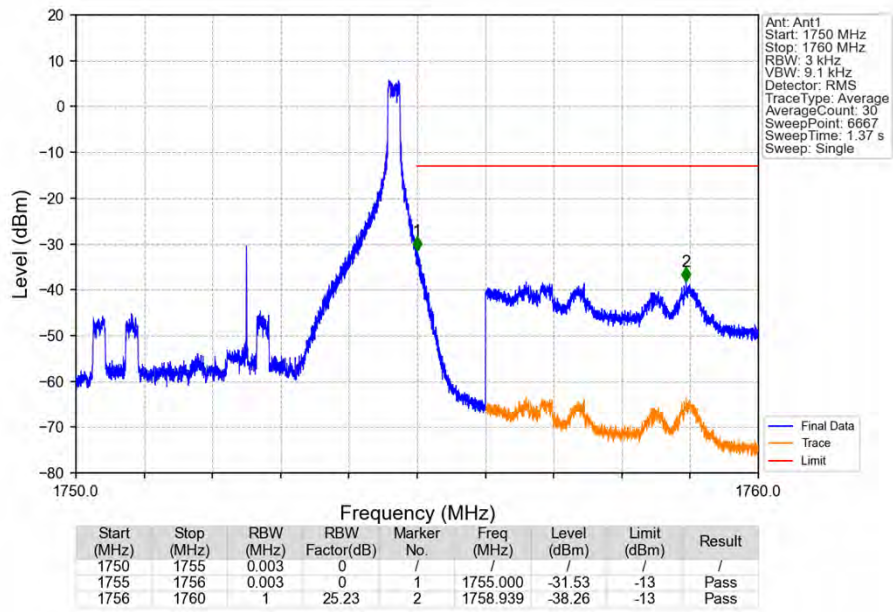
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



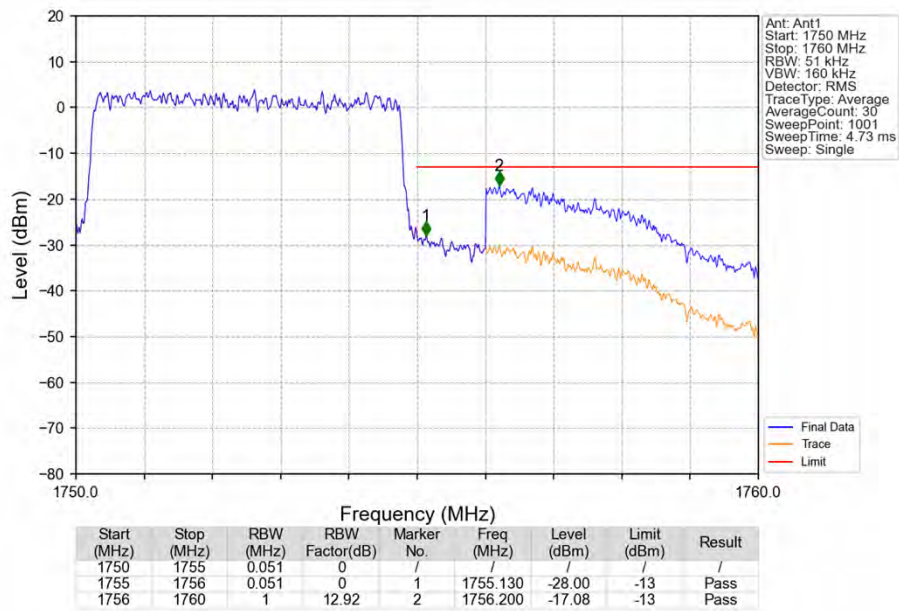
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



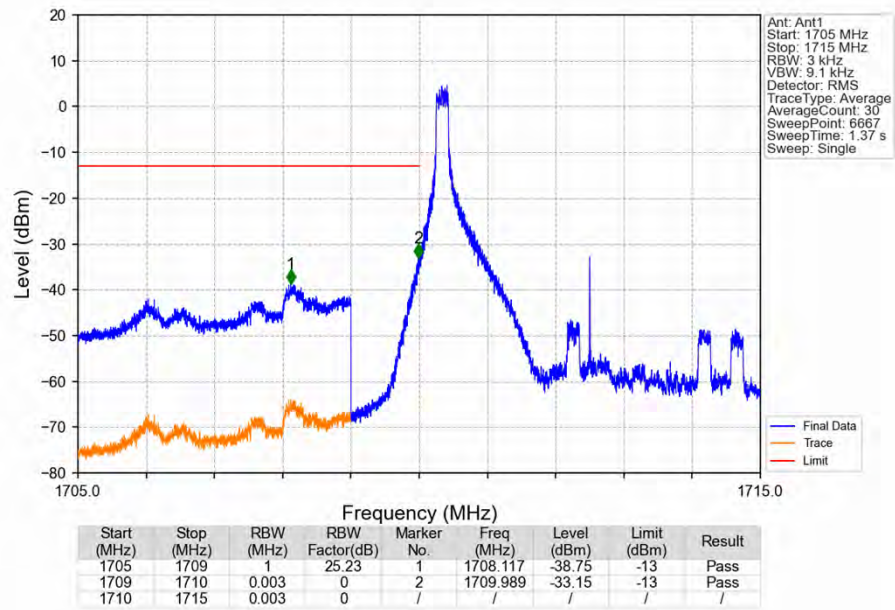
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



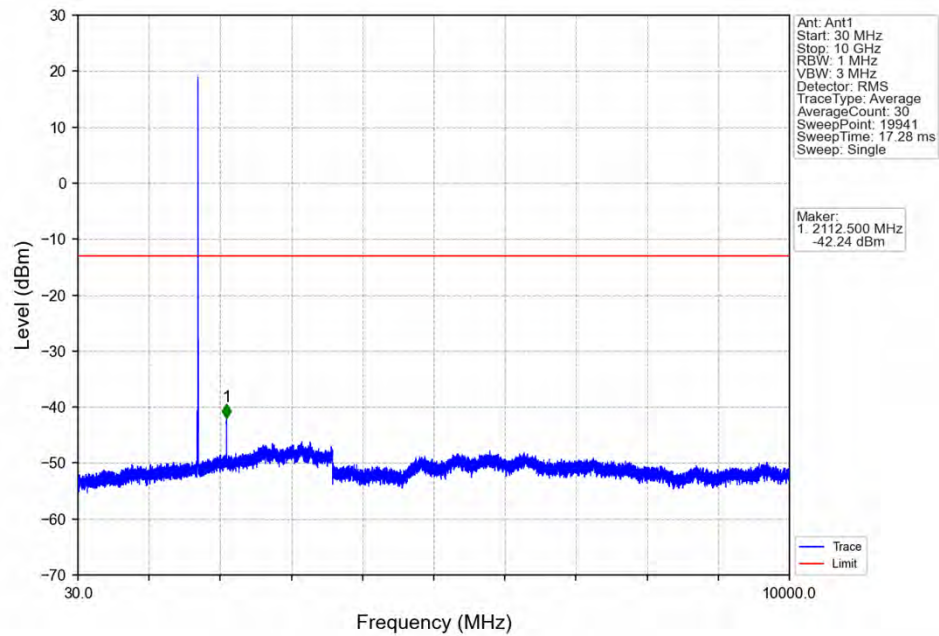
Band4\_5MHz\_QPSK\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV



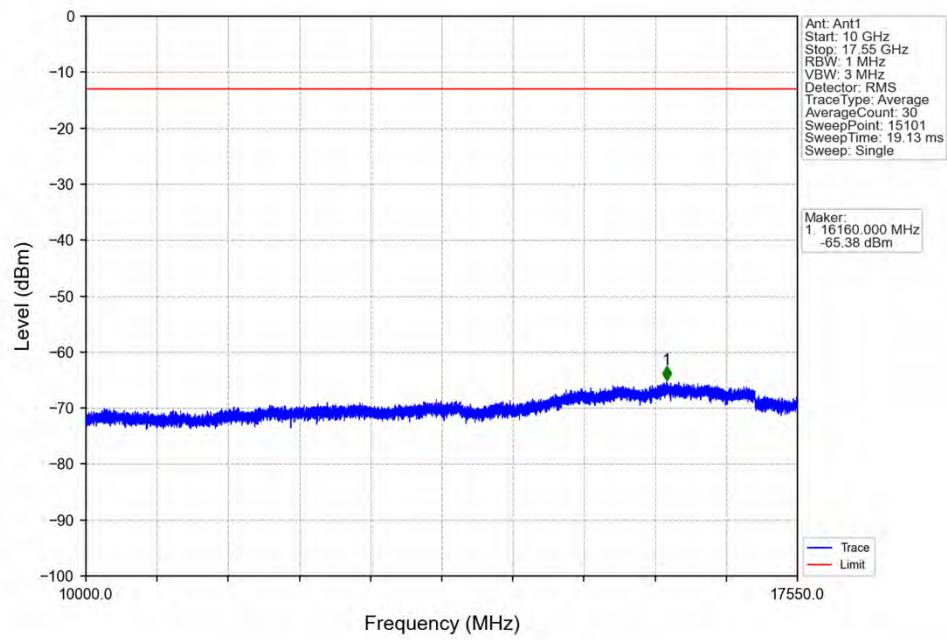
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



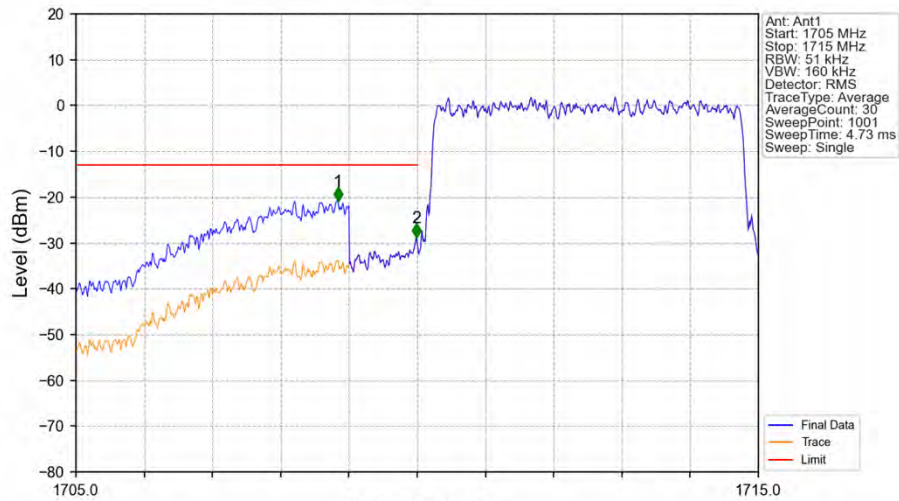
Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV

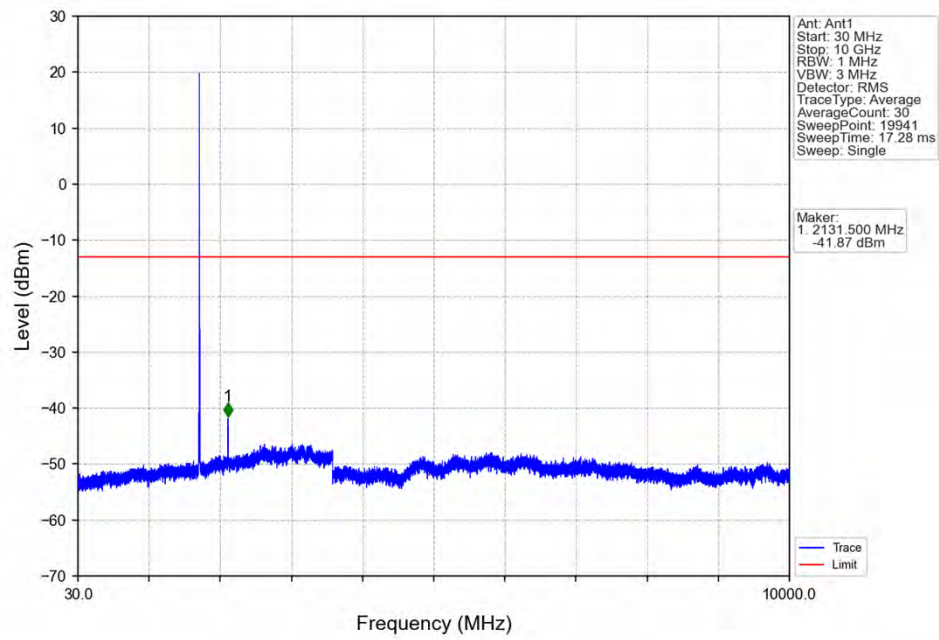


Band4\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

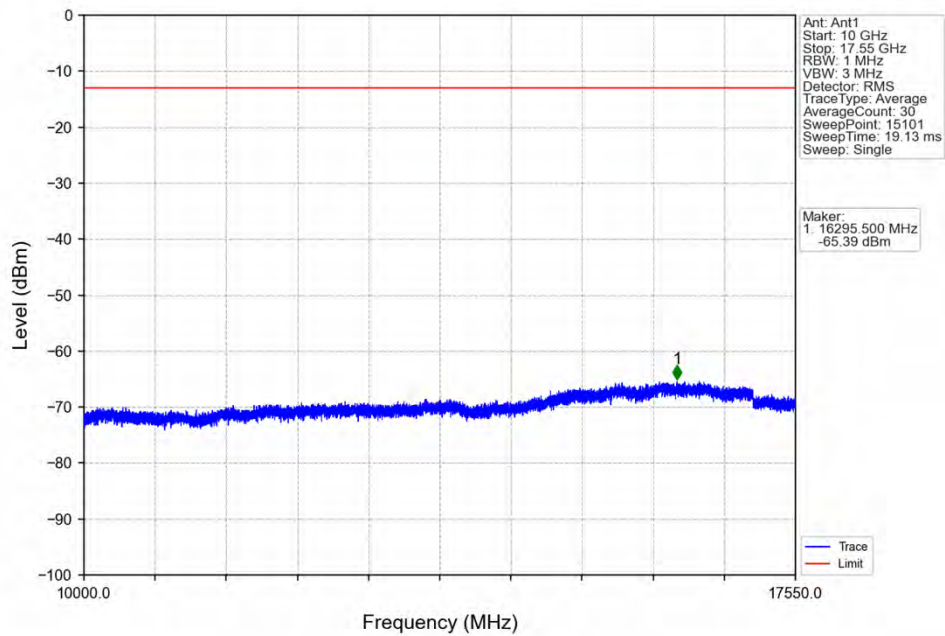


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | 12.92          | 1          | 1708.840   | -20.90      | -13         | Pass   |
| 1709        | 1710       | 0.051     | 0              | 2          | 1709.990   | -28.89      | -13         | Pass   |
| 1710        | 1715       | 0.051     | 0              | /          | /          | /           | /           | /      |

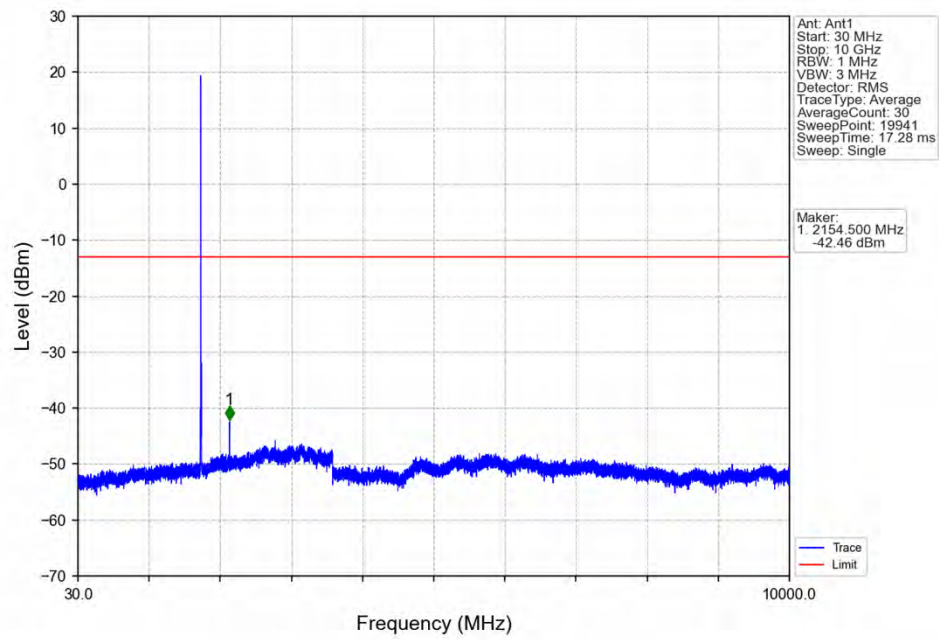
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



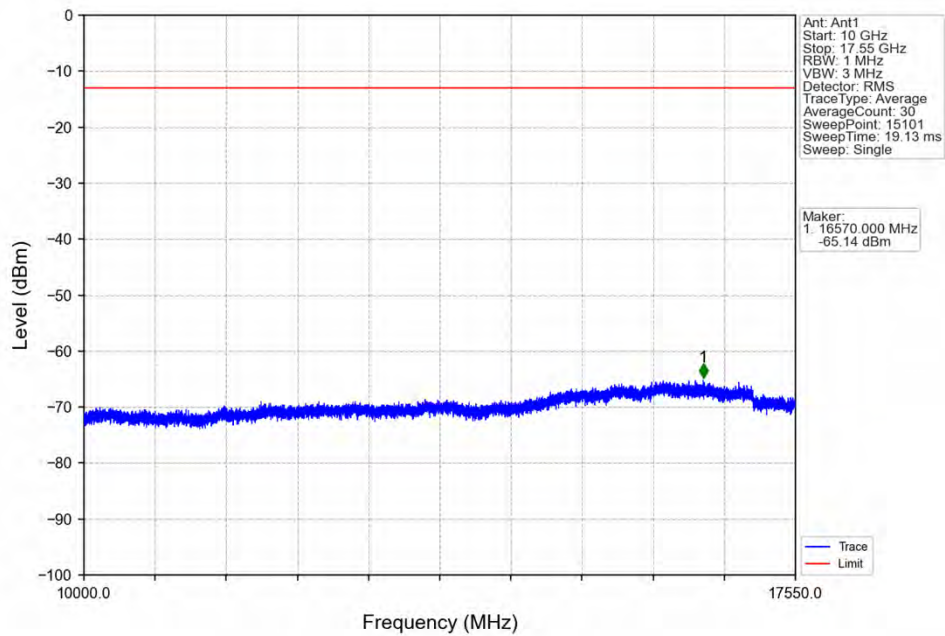
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



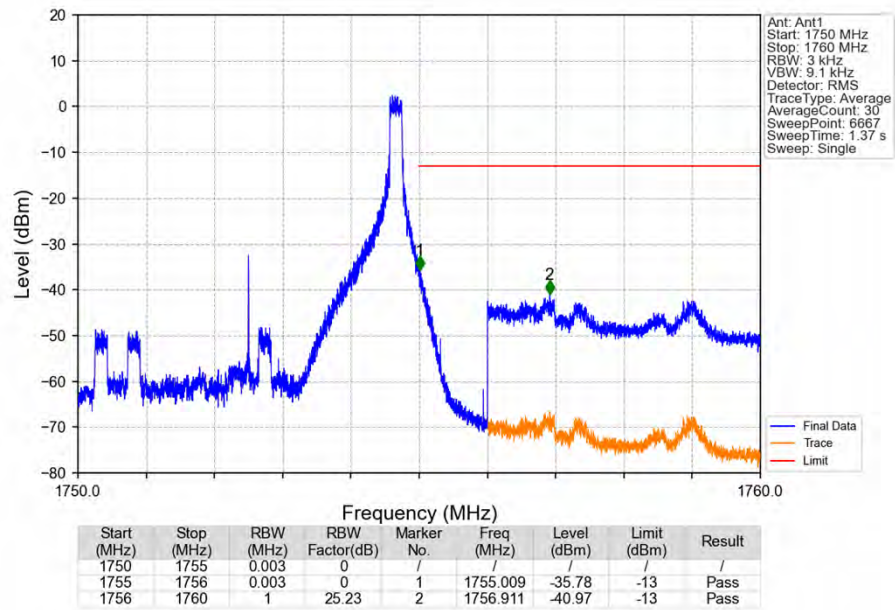
Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



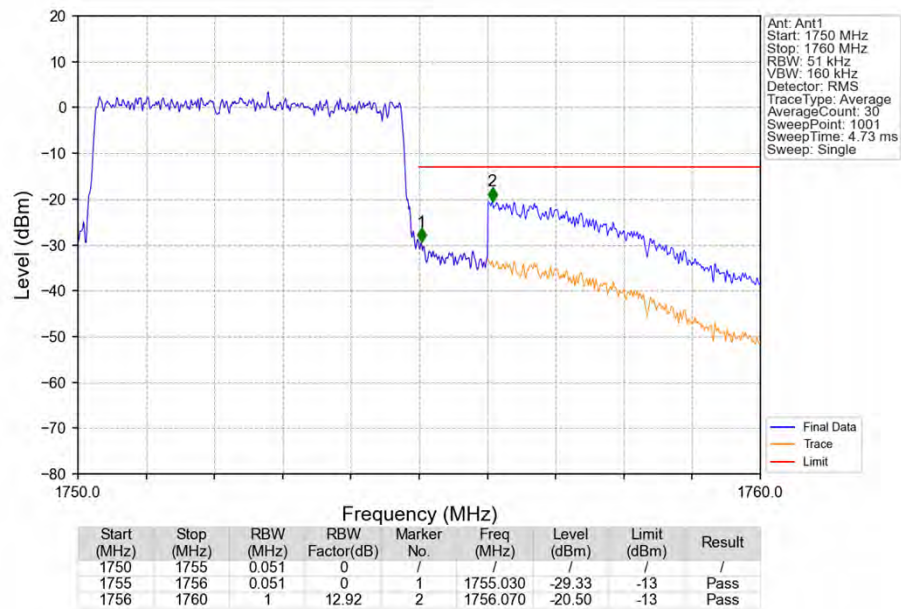
Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_0\_NTNV



Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_1\_24\_NTNV



Band4\_5MHz\_16QAM\_HCH\_1752.5MHz\_RB\_25\_0\_NTNV

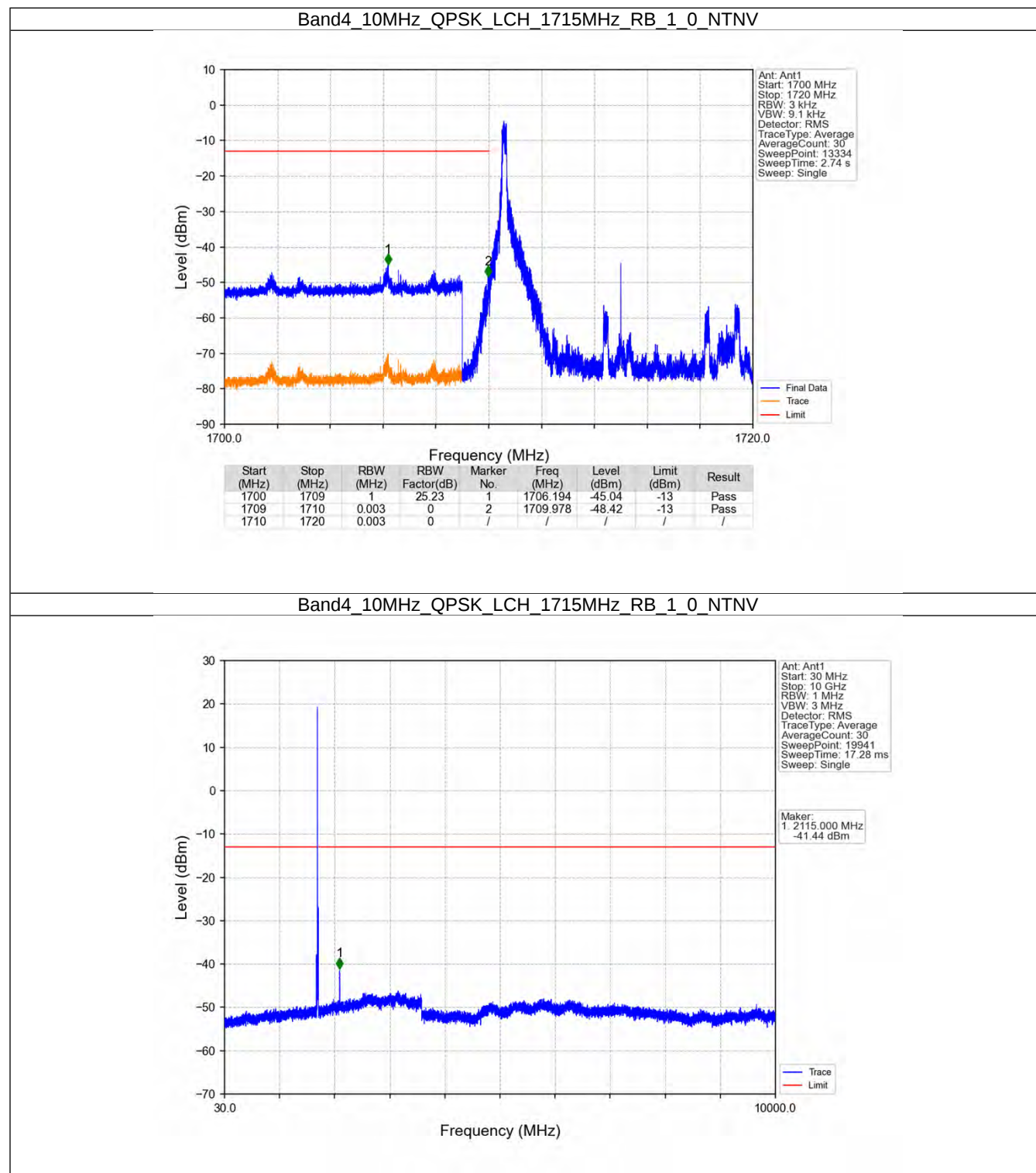


## 6.4 B4\_10MHz

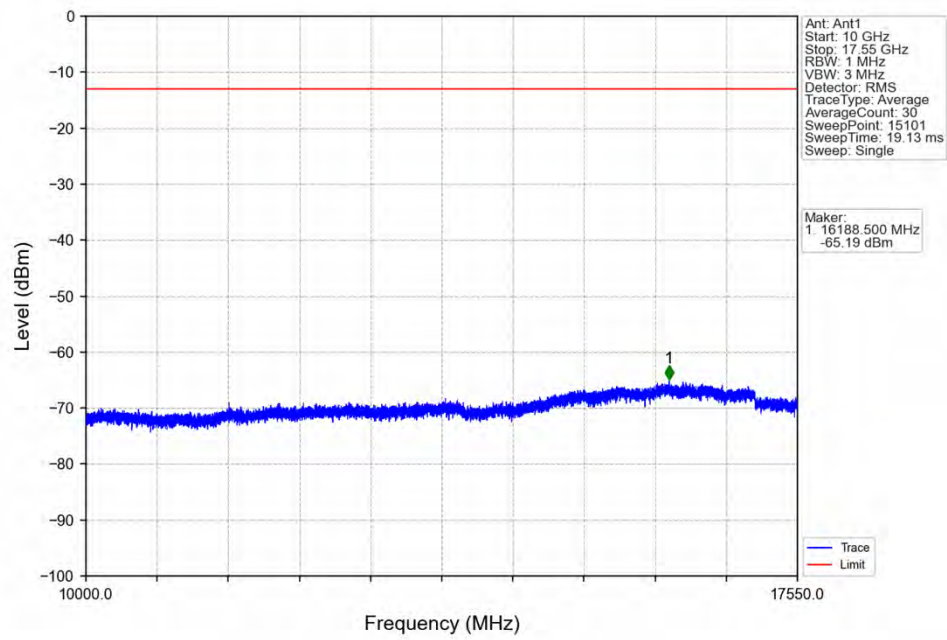
## 6.4.1 Test Result

| Band: 4 / Bandwidth: 10MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
| 16QAM                             | 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    |

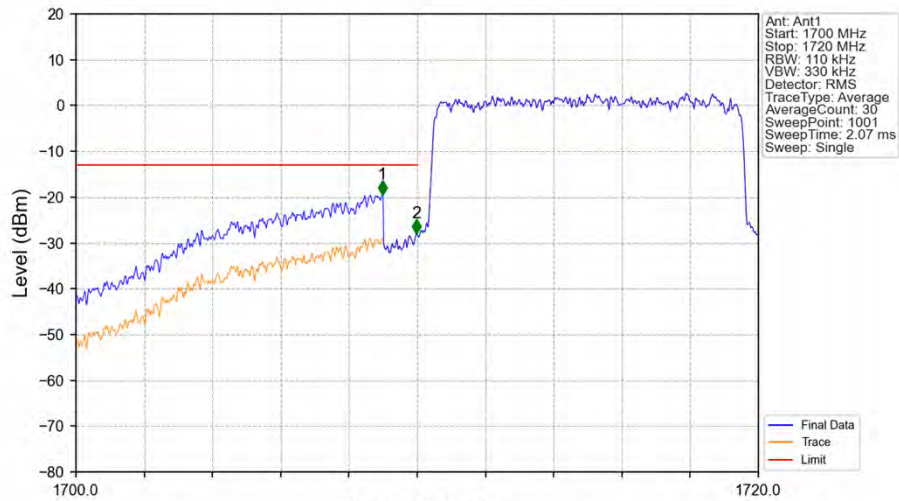
## 6.4.2 Test Graph



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

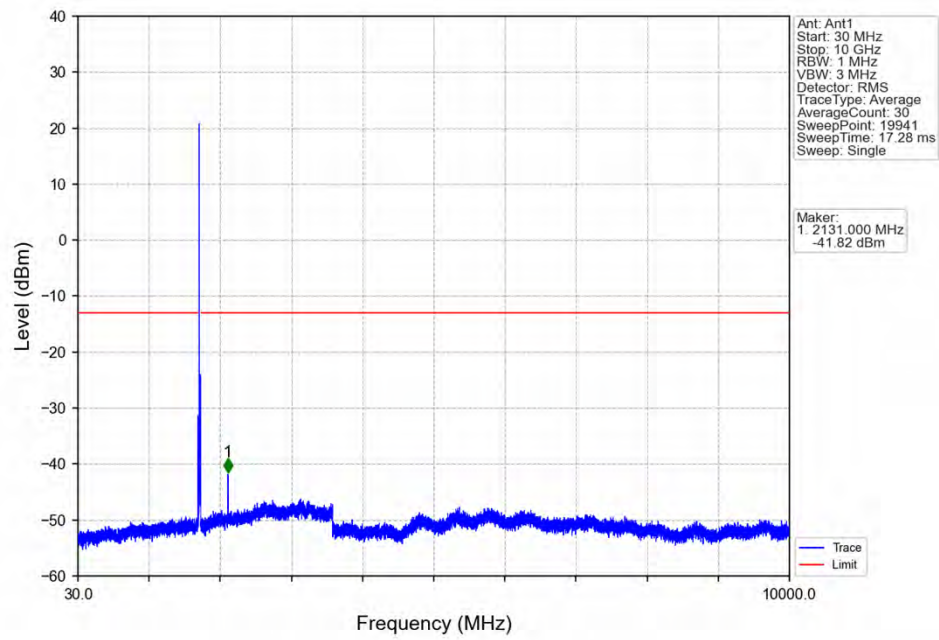


Band4\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

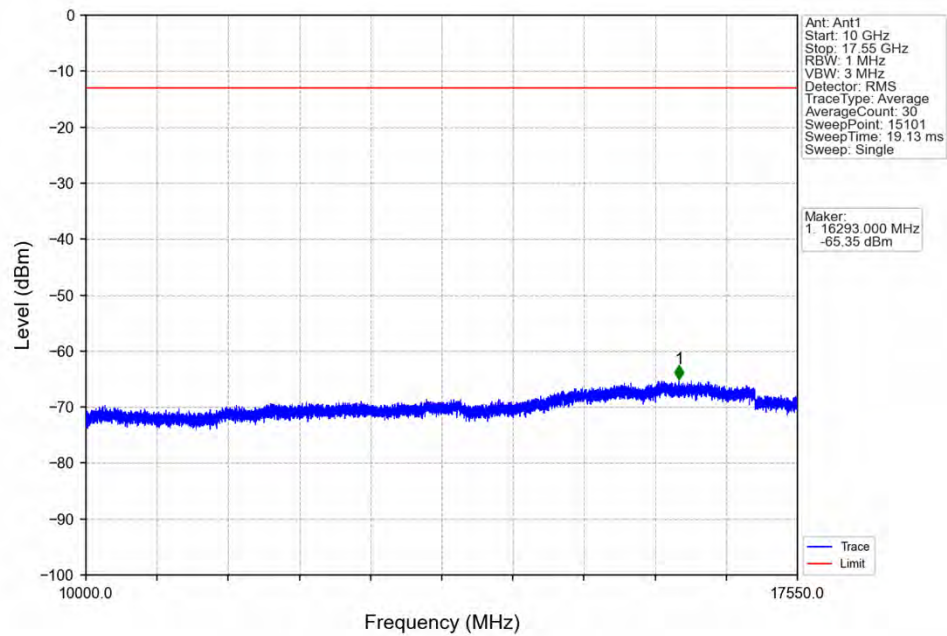


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | 9.59           | 1          | 1708.980   | -19.43      | -13         | Pass   |
| 1709        | 1710       | 0.11      | 0              | 2          | 1709.980   | -27.88      | -13         | Pass   |
| 1710        | 1720       | 0.11      | 0              | /          | /          | /           | /           | /      |

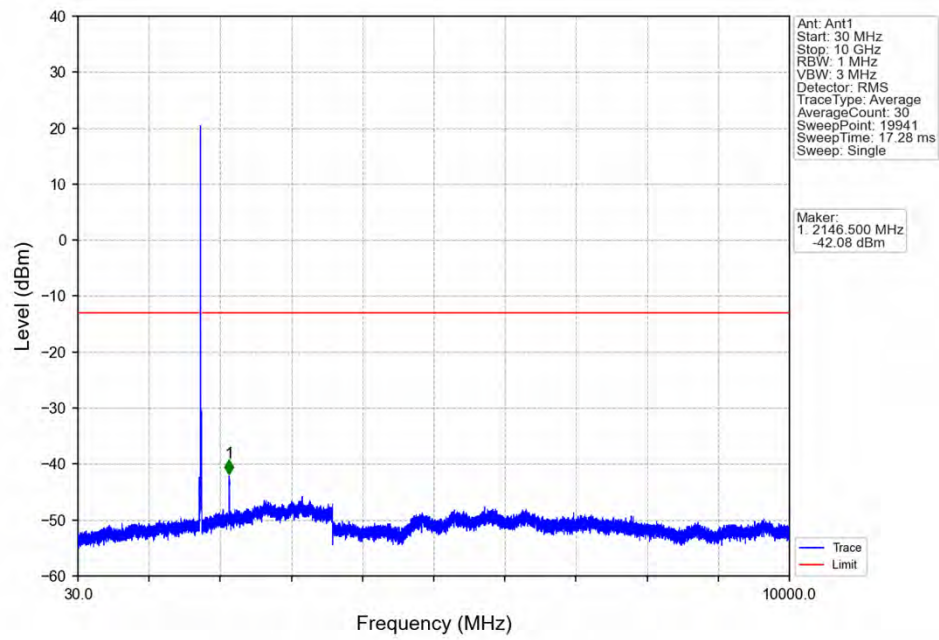
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



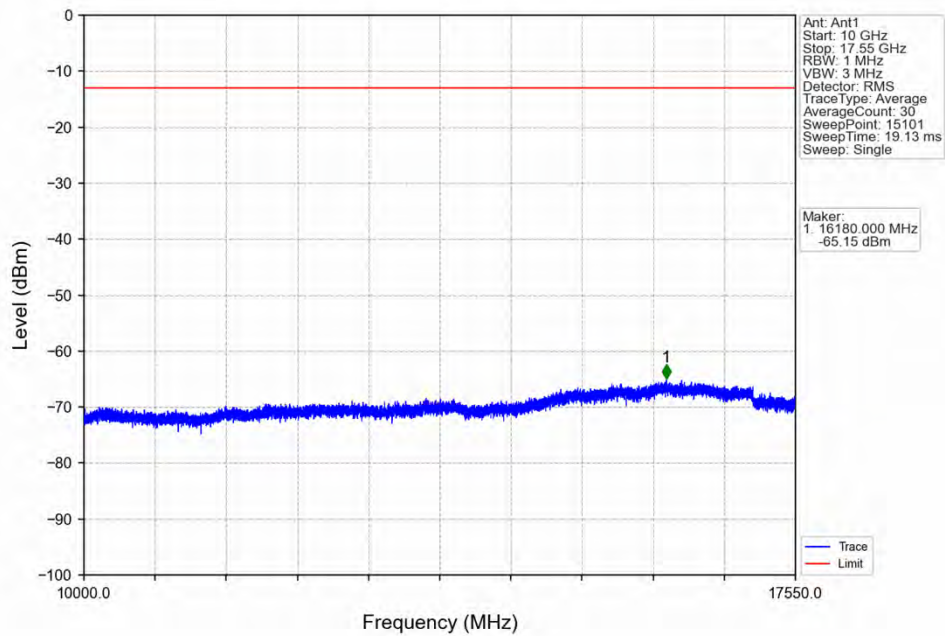
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



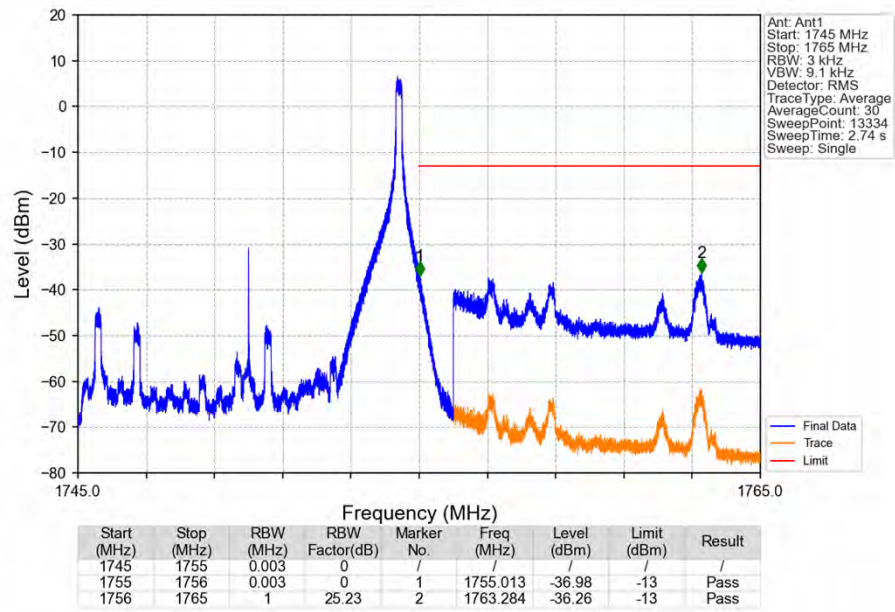
Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



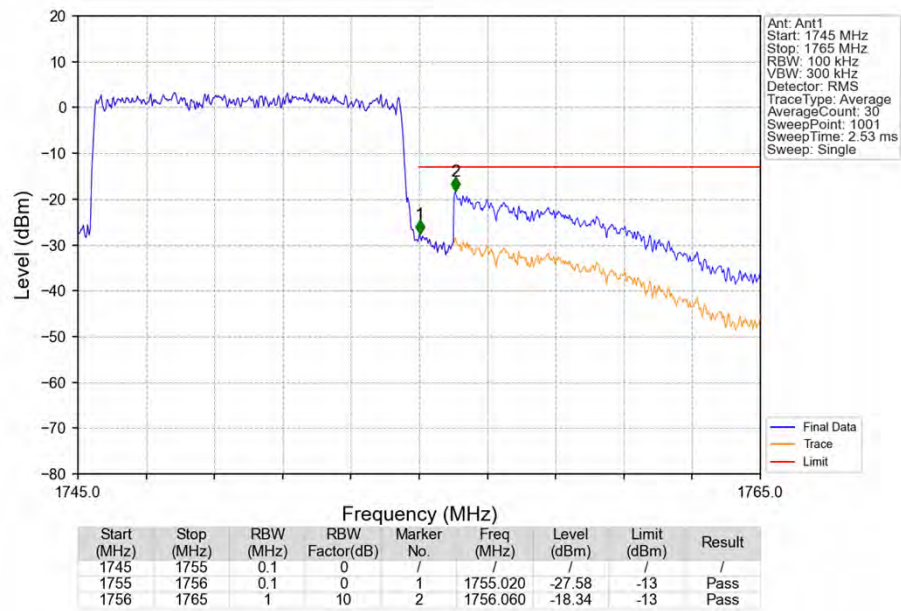
Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



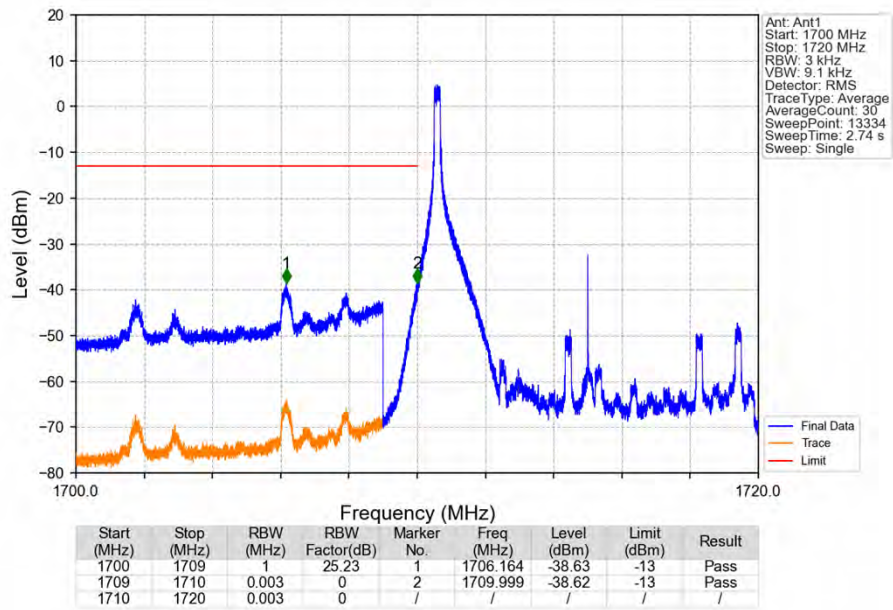
Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_49\_NTNV



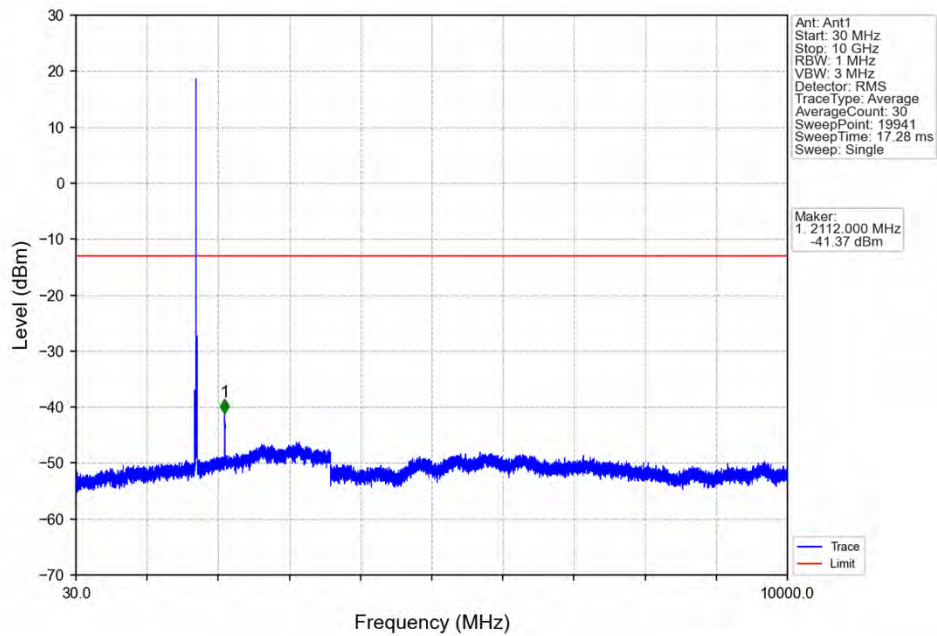
Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_50\_0\_NTNV



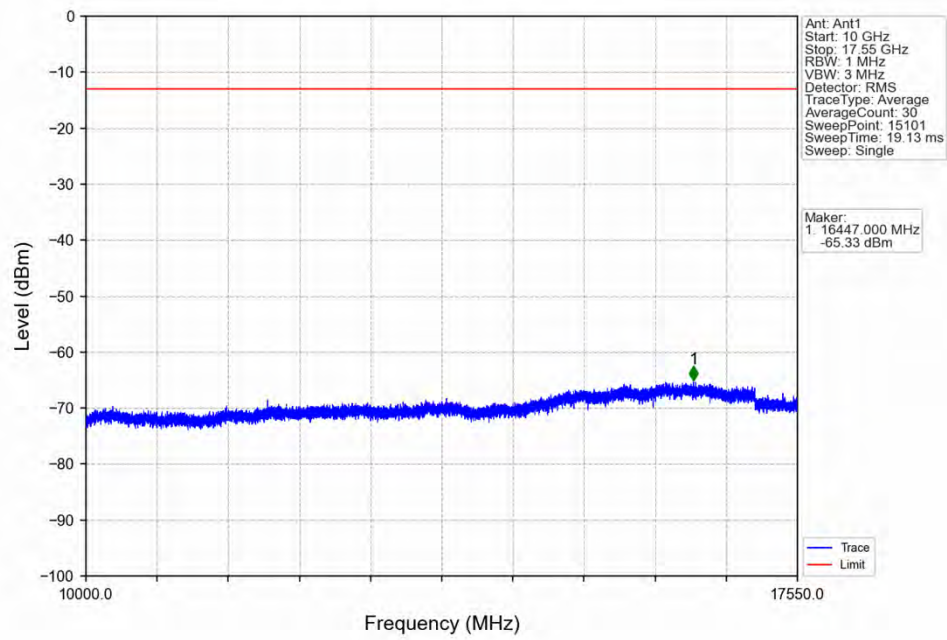
Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



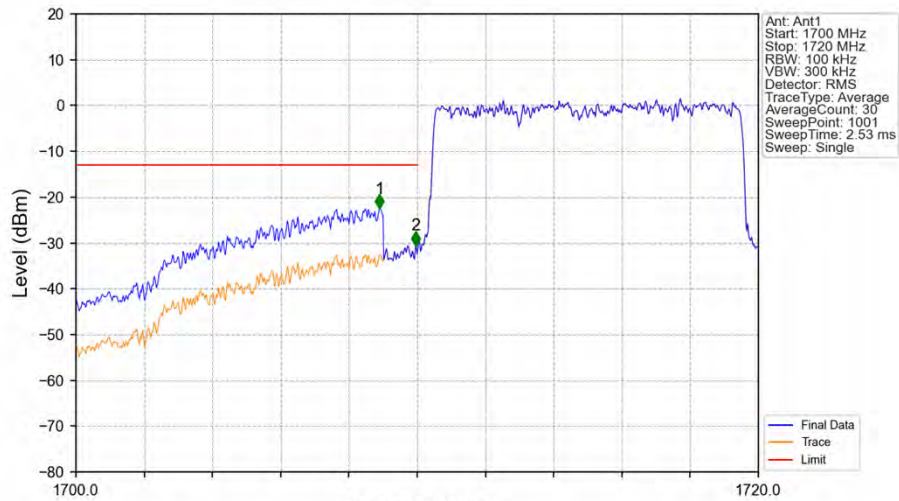
Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV



Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_1\_0\_NTNV

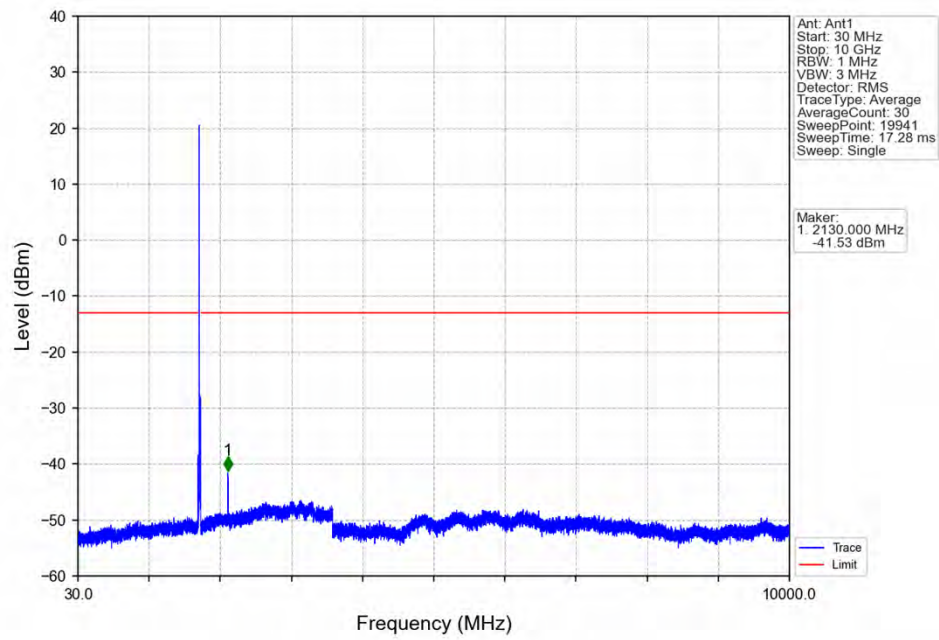


Band4\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV

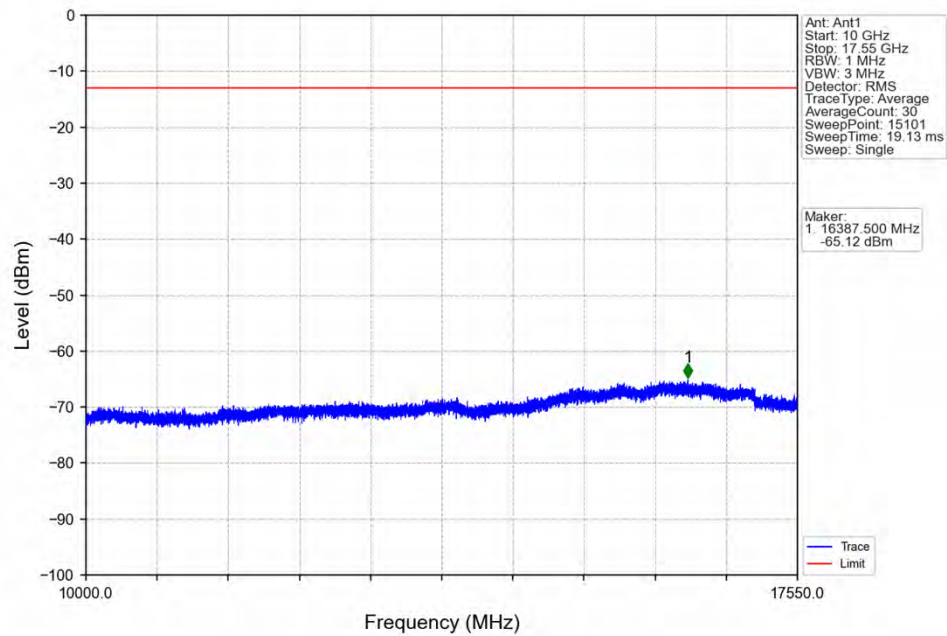


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor (dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|-----------------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | 10              | 1          | 1708.900   | -22.56      | -13         | Pass   |
| 1709        | 1710       | 0.1       | 0               | 2          | 1709.960   | -30.56      | -13         | Pass   |
| 1710        | 1720       | 0.1       | 0               | /          | /          | /           | /           | /      |

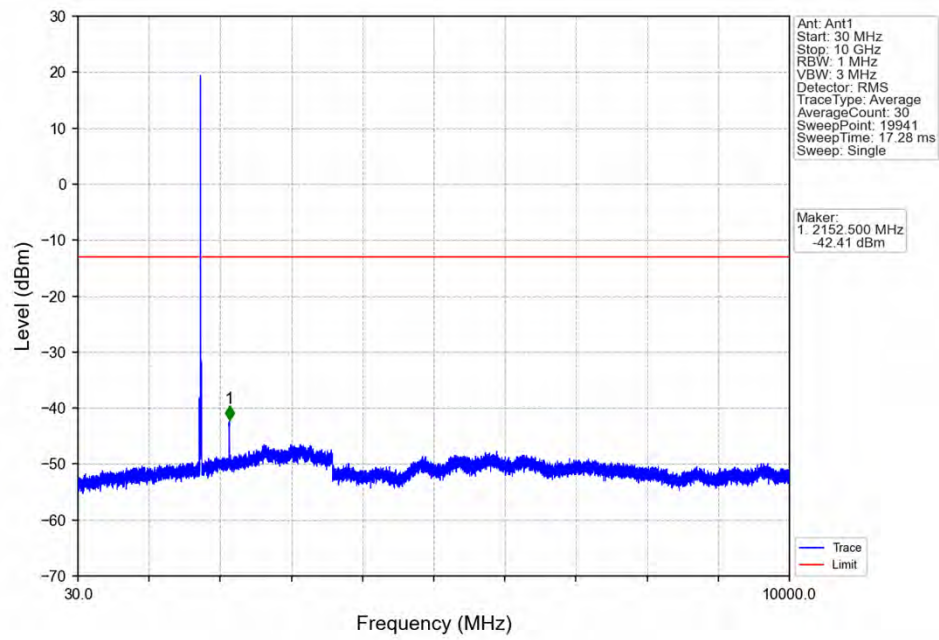
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



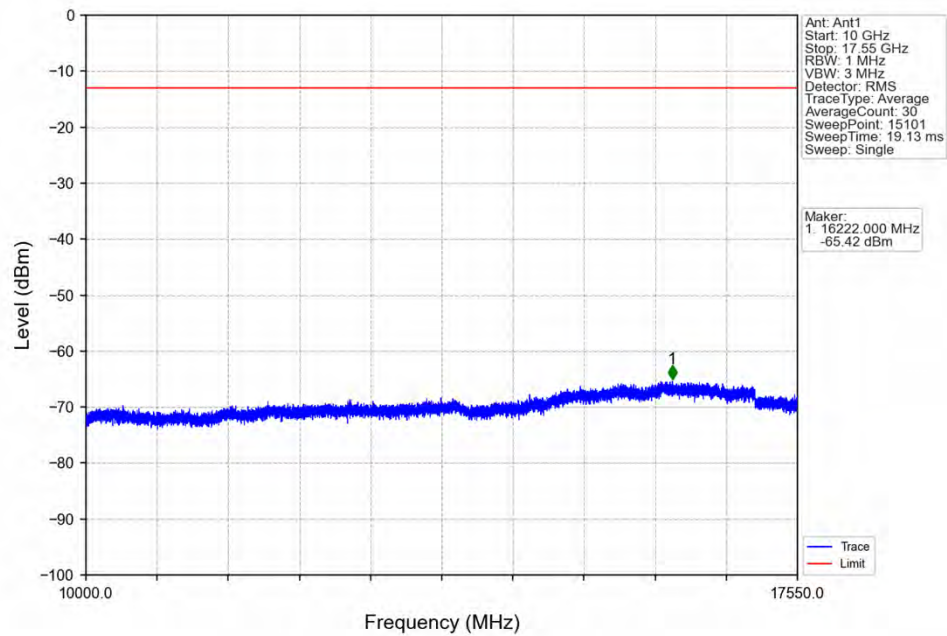
Band4\_10MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



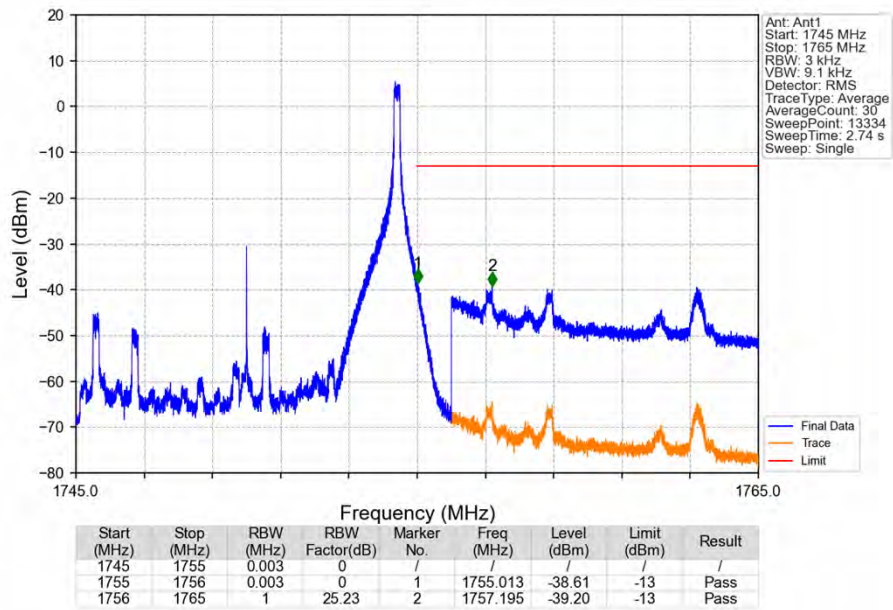
Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



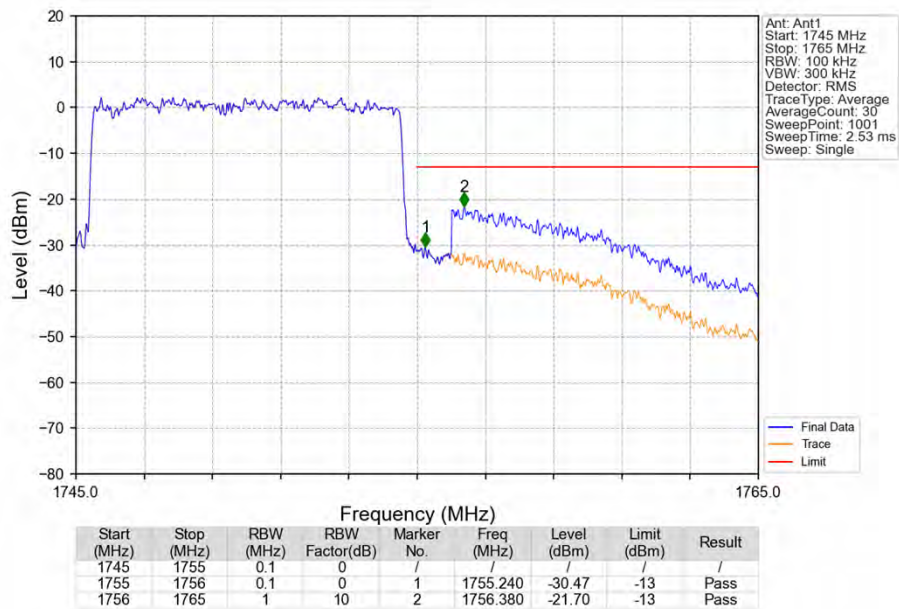
Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_0\_NTNV



Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_1\_49\_NTNV



Band4\_10MHz\_16QAM\_HCH\_1750MHz\_RB\_50\_0\_NTNV

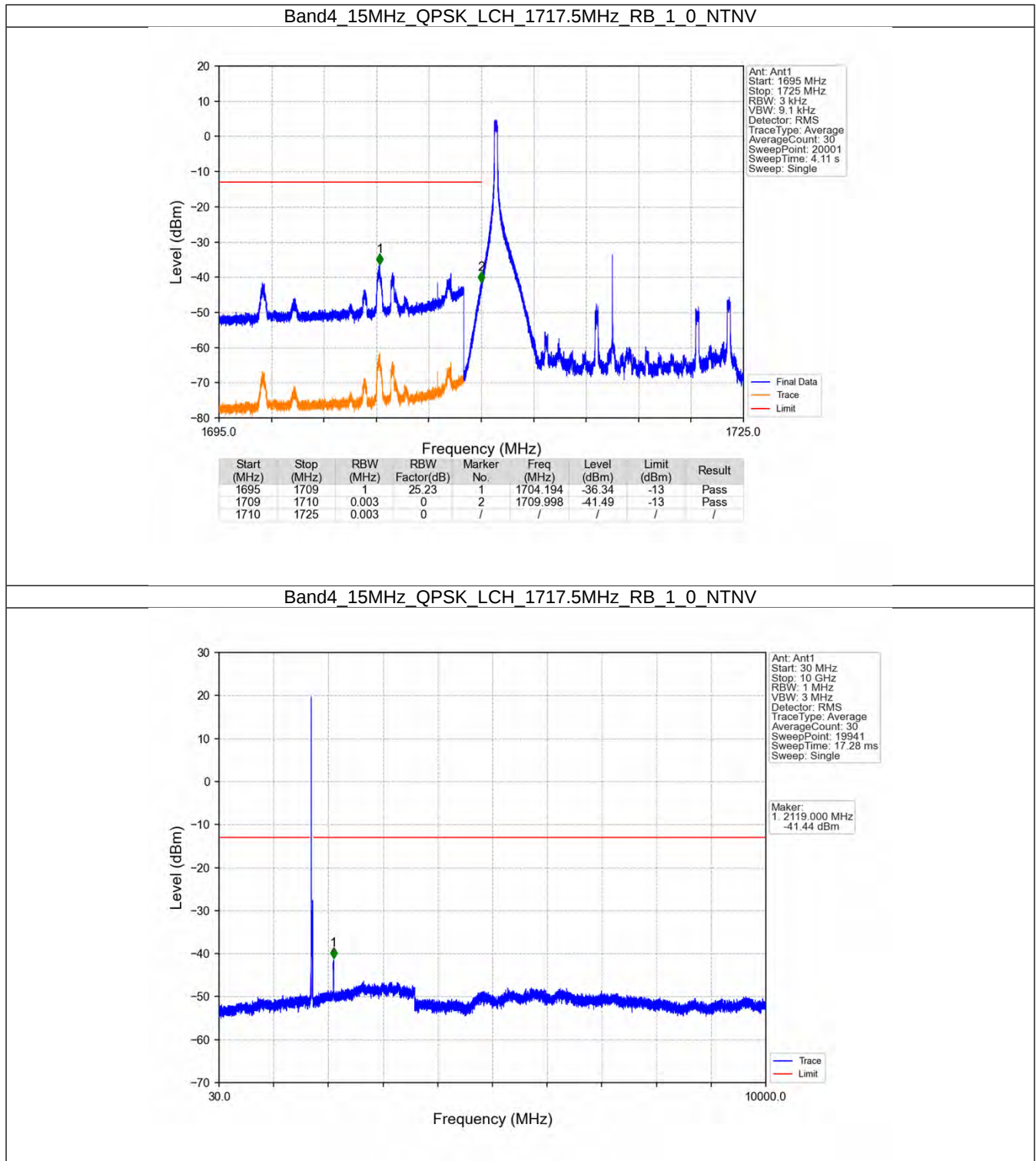


## 6.5 B4\_15MHz

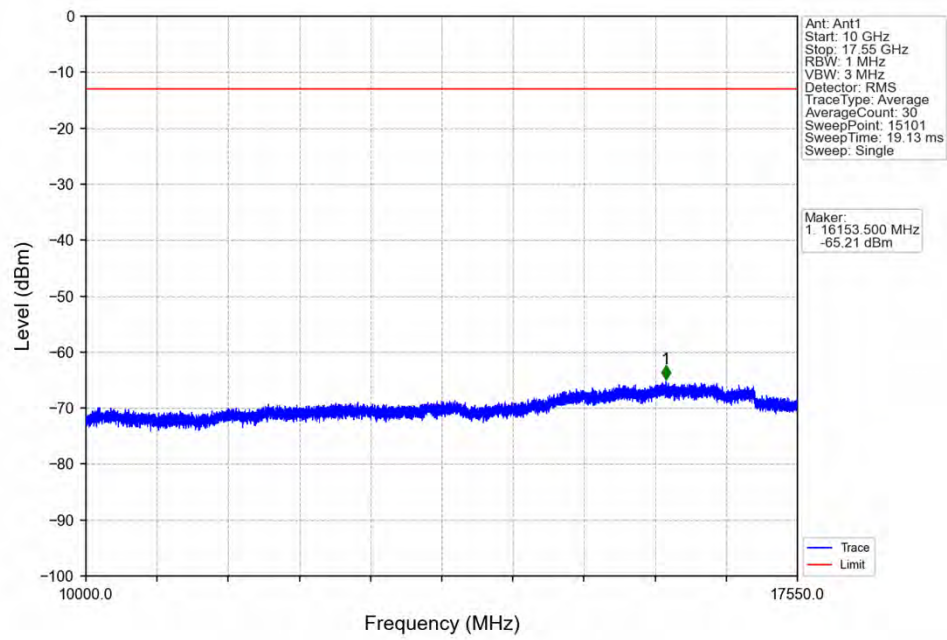
## 6.5.1 Test Result

| Band: 4 / Bandwidth: 15MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
| 16QAM                             | 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    |

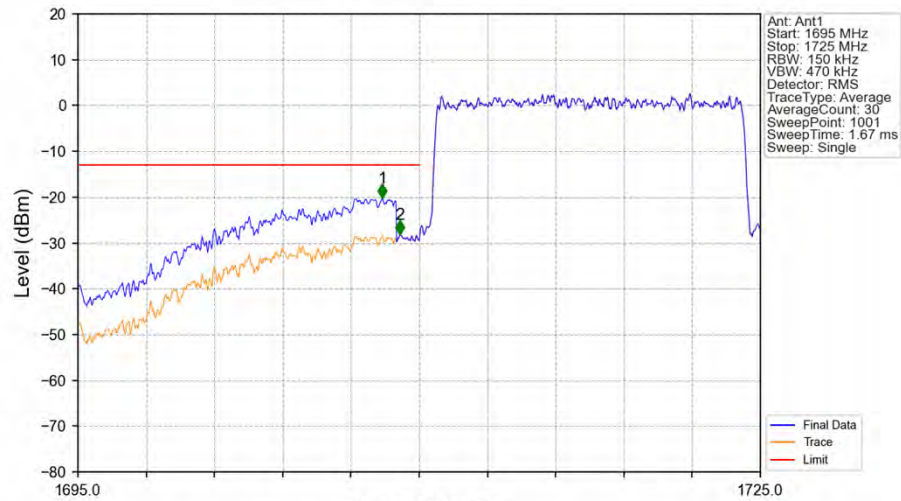
## 6.5.2 Test Graph



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

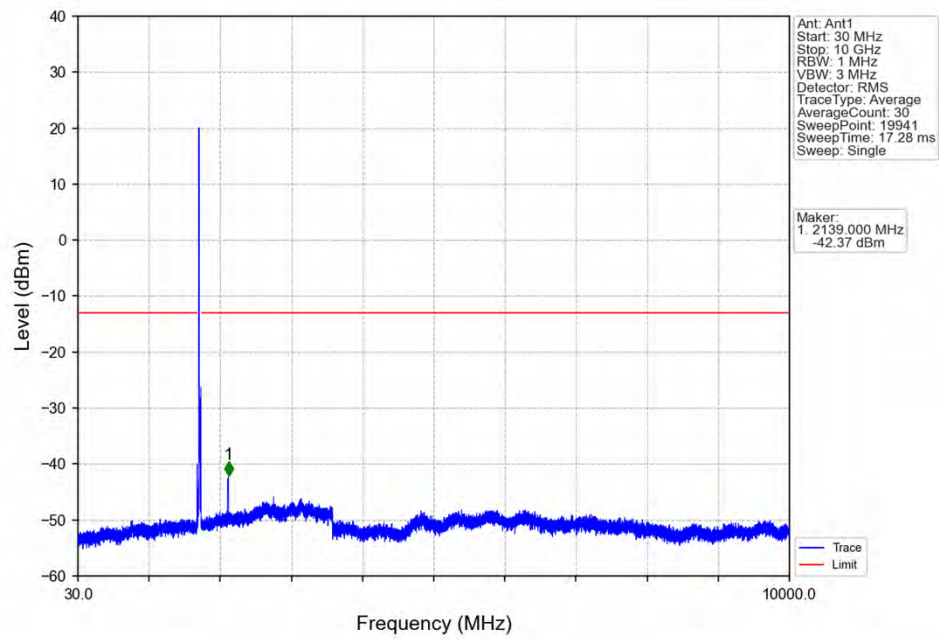


Band4\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

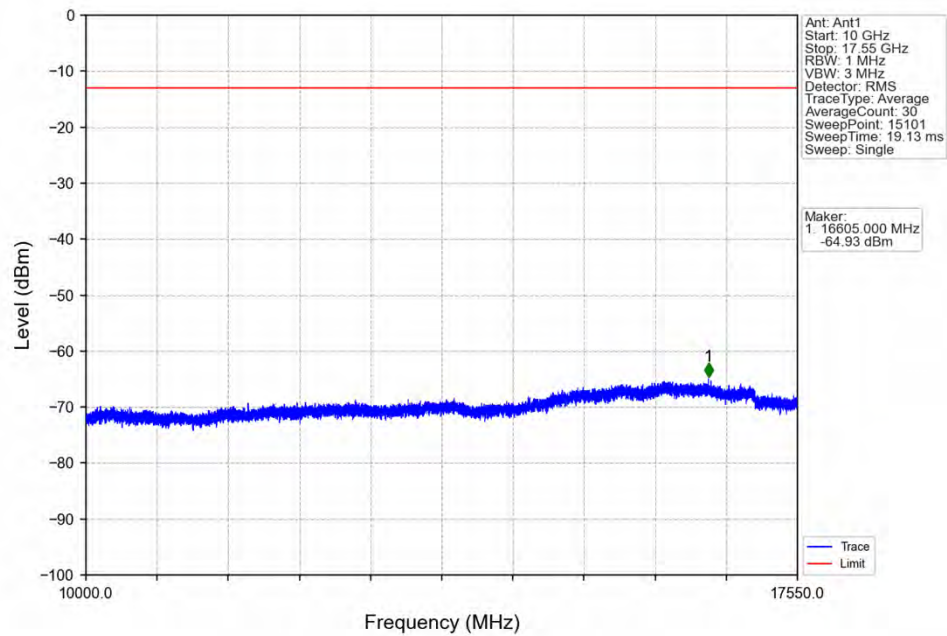


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | 8.24           | 1          | 1708.380   | -20.25      | -13         | Pass   |
| 1709        | 1710       | 0.15      | 0              | 2          | 1709.160   | -28.22      | -13         | Pass   |
| 1710        | 1725       | 0.15      | 0              | /          | /          | /           | /           | /      |

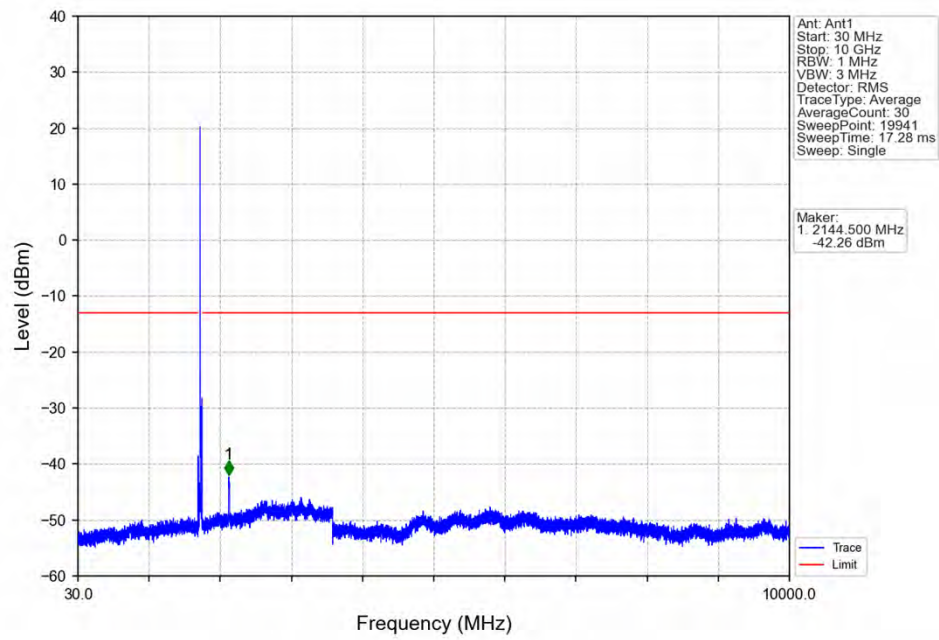
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



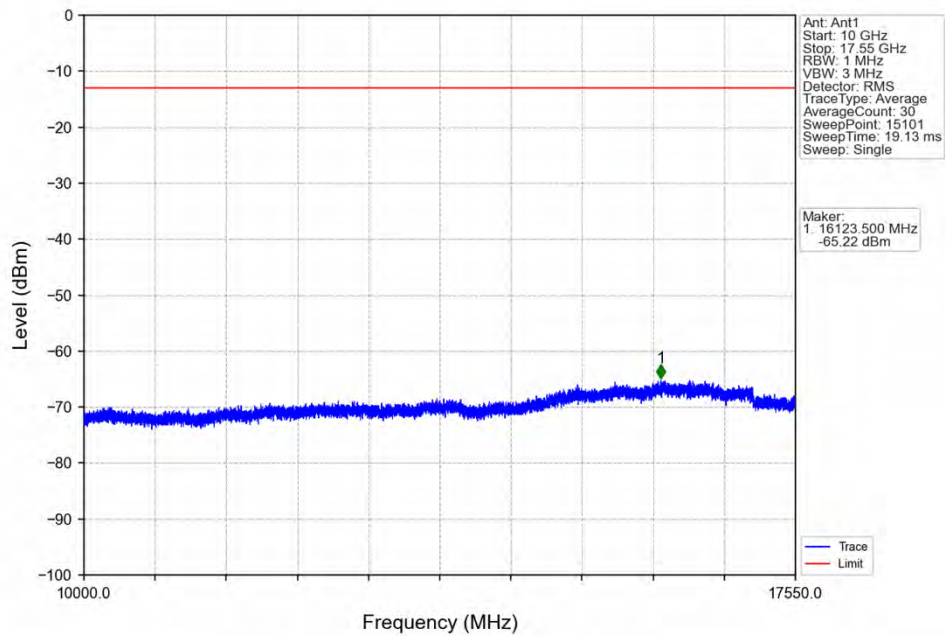
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



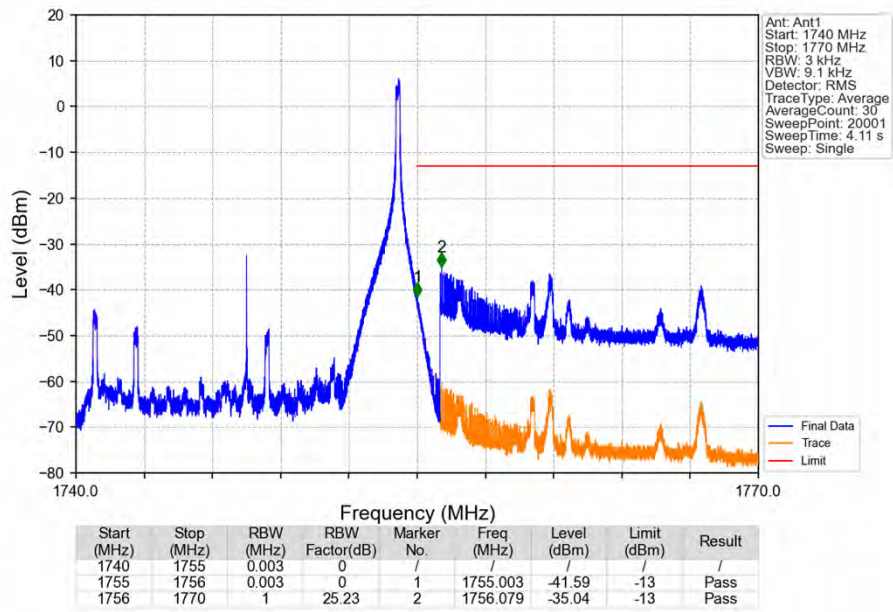
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



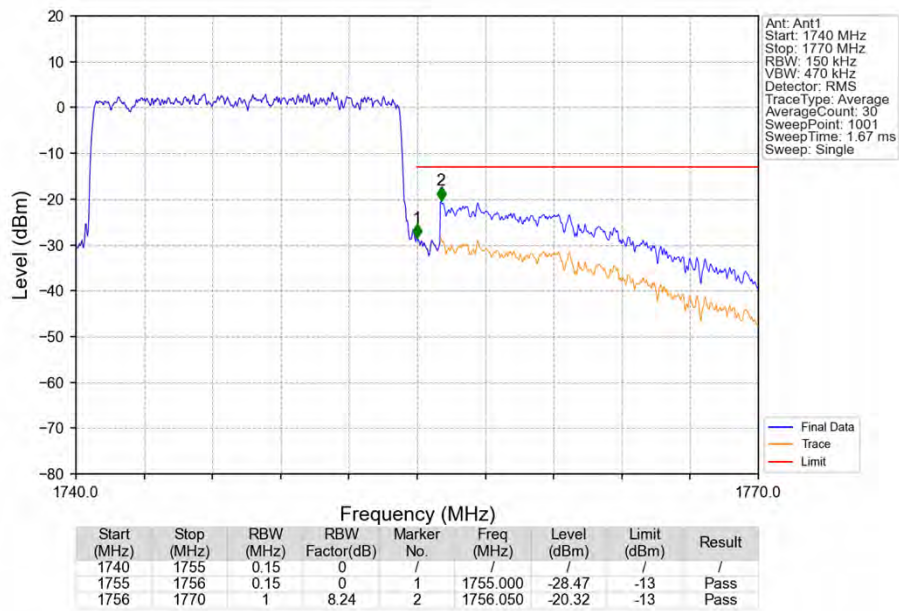
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



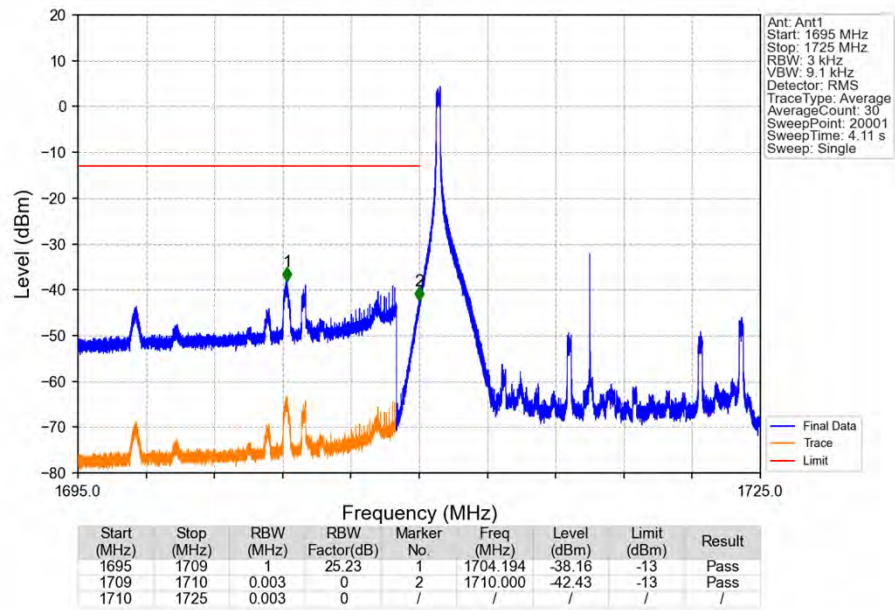
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV



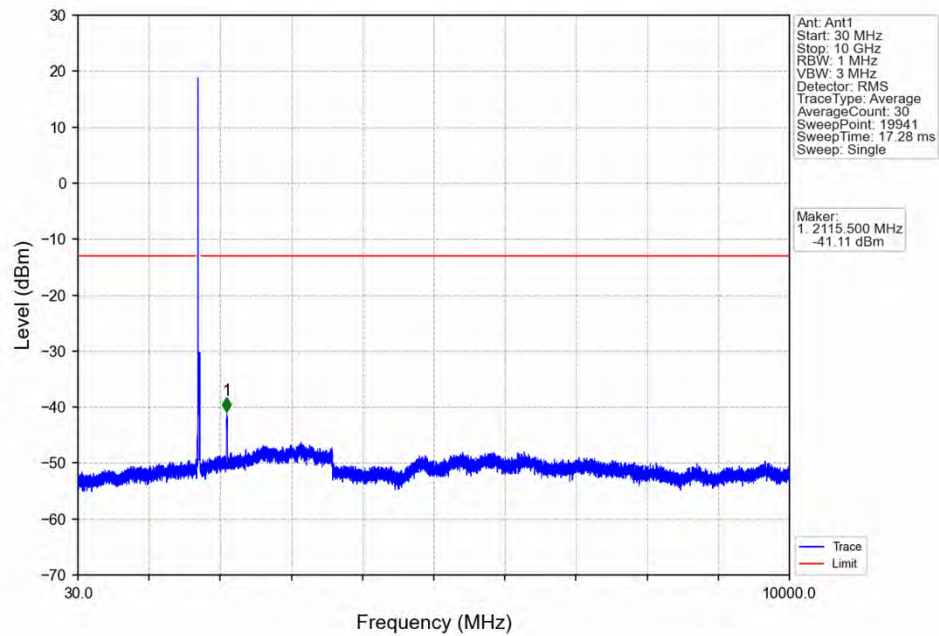
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV



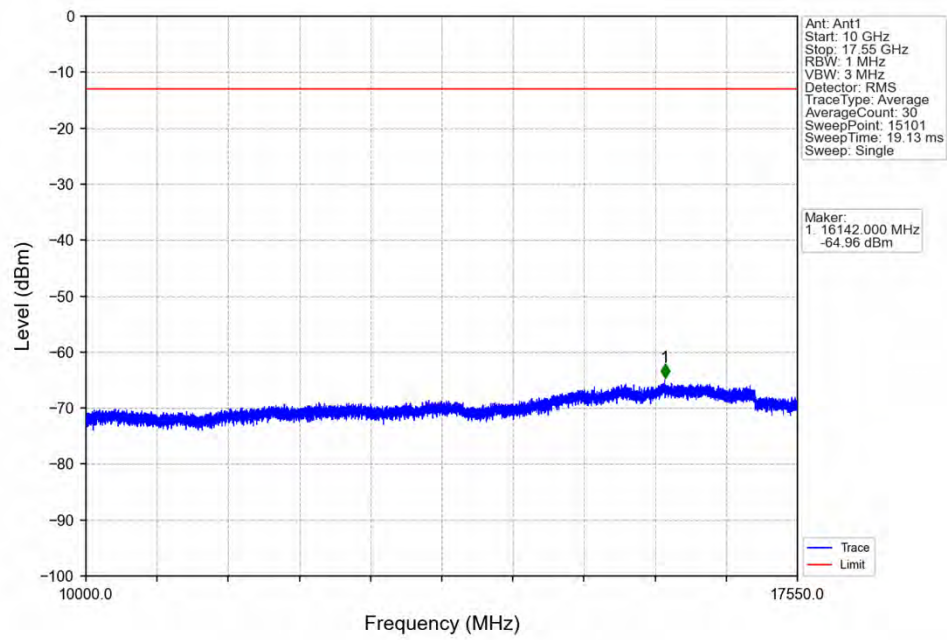
Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



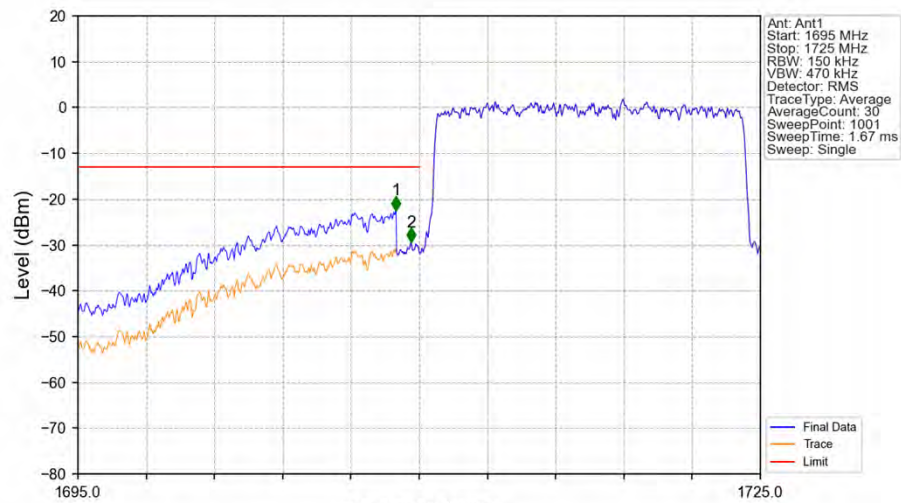
Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV

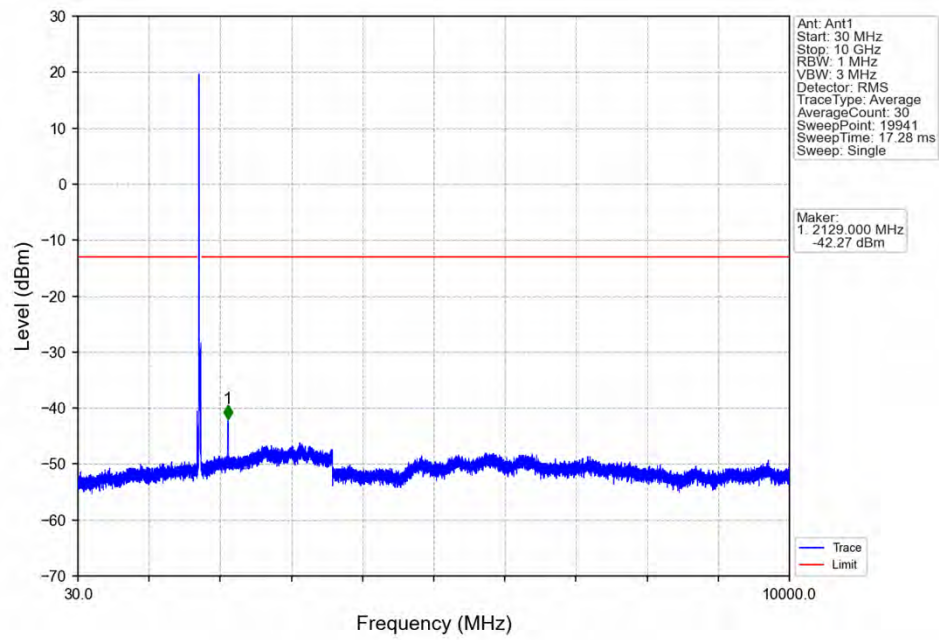


Band4\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

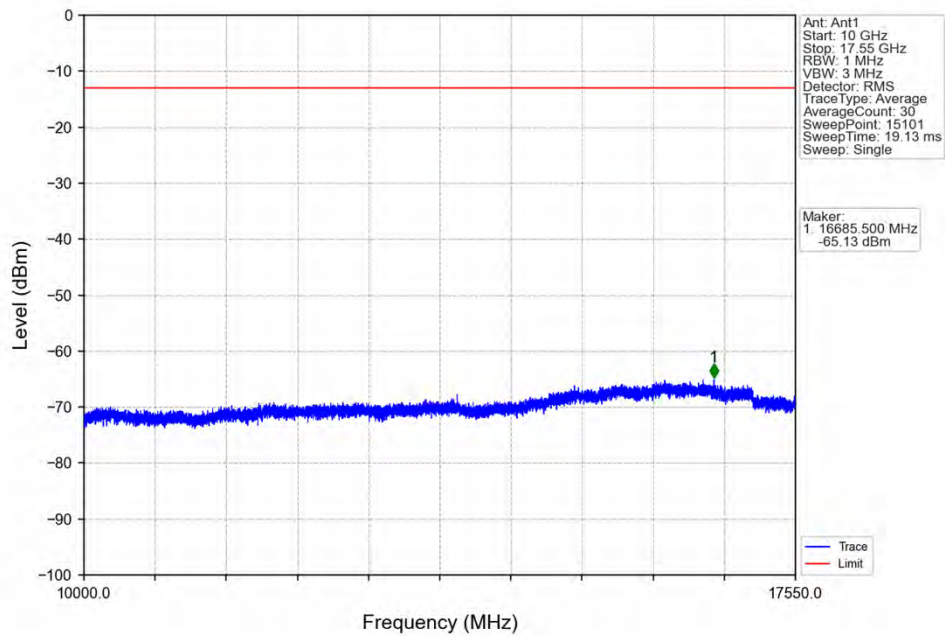


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | 8.24           | 1          | 1708.980   | -22.44      | -13         | Pass   |
| 1709        | 1710       | 0.15      | 0              | 2          | 1709.640   | -29.43      | -13         | Pass   |
| 1710        | 1725       | 0.15      | 0              | /          | /          | /           | /           | /      |

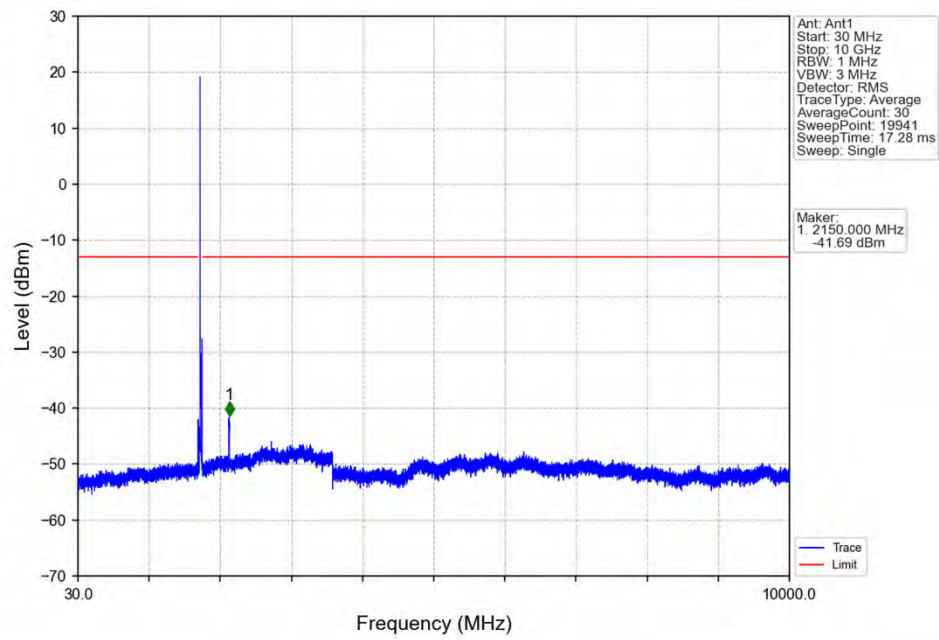
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



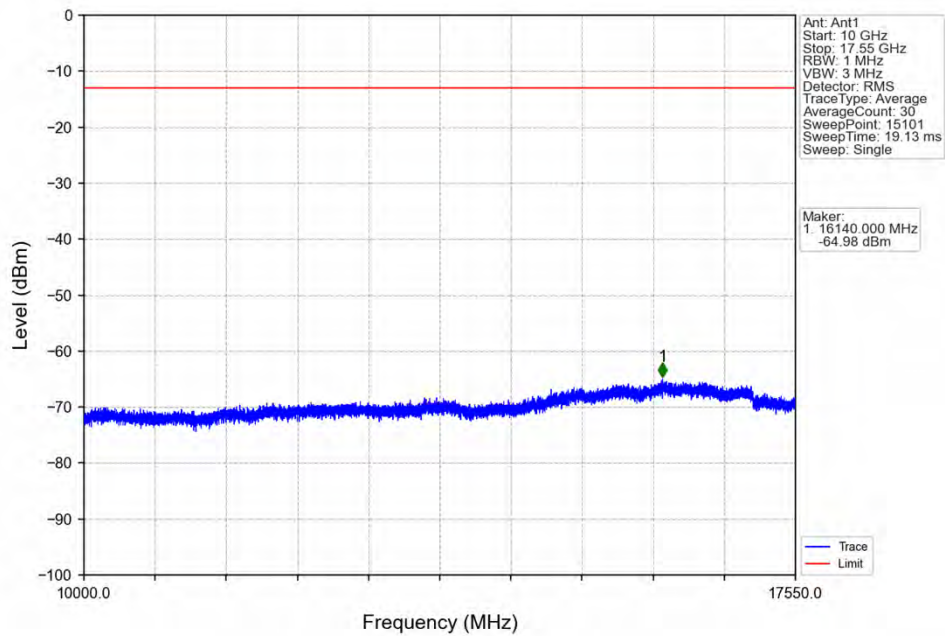
Band4\_15MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



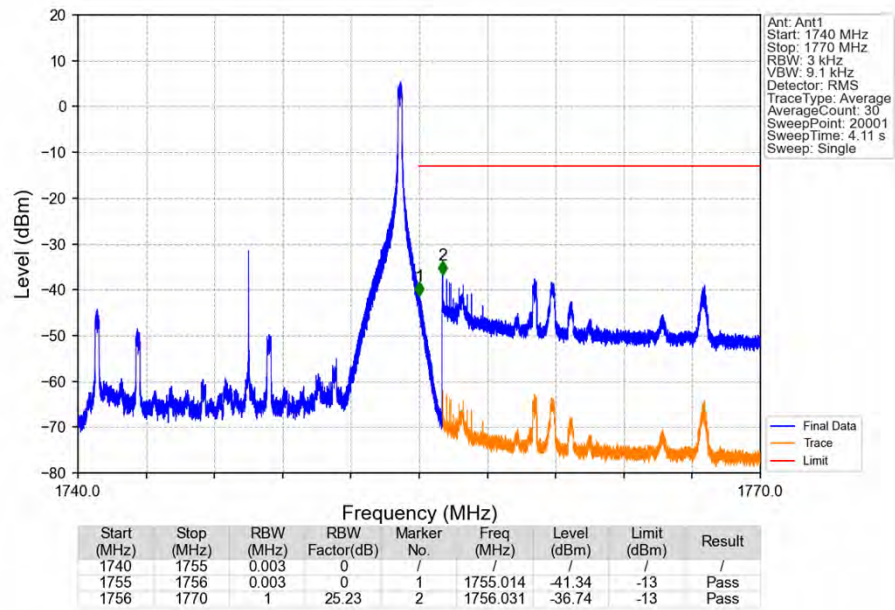
Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



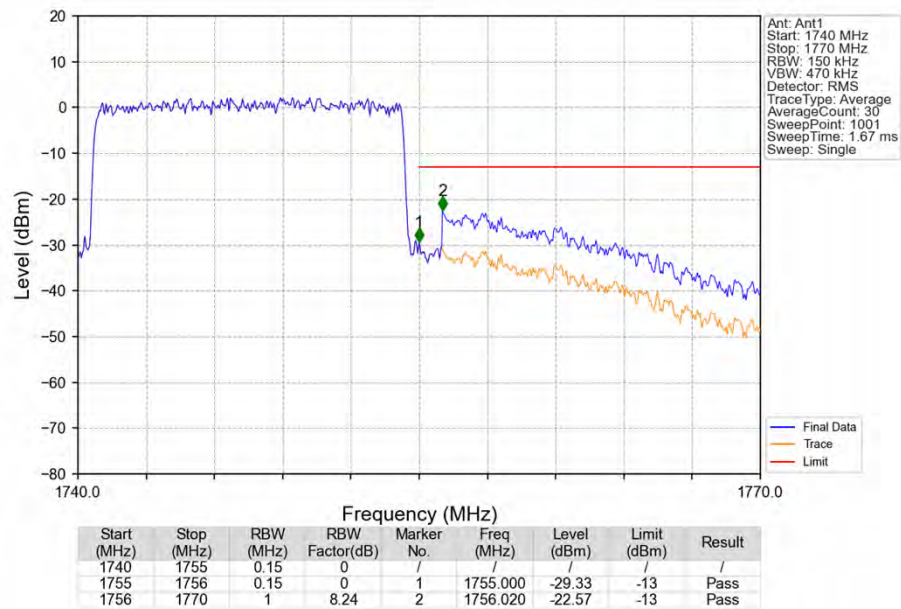
Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_1\_74\_NTNV



Band4\_15MHz\_16QAM\_HCH\_1747.5MHz\_RB\_75\_0\_NTNV

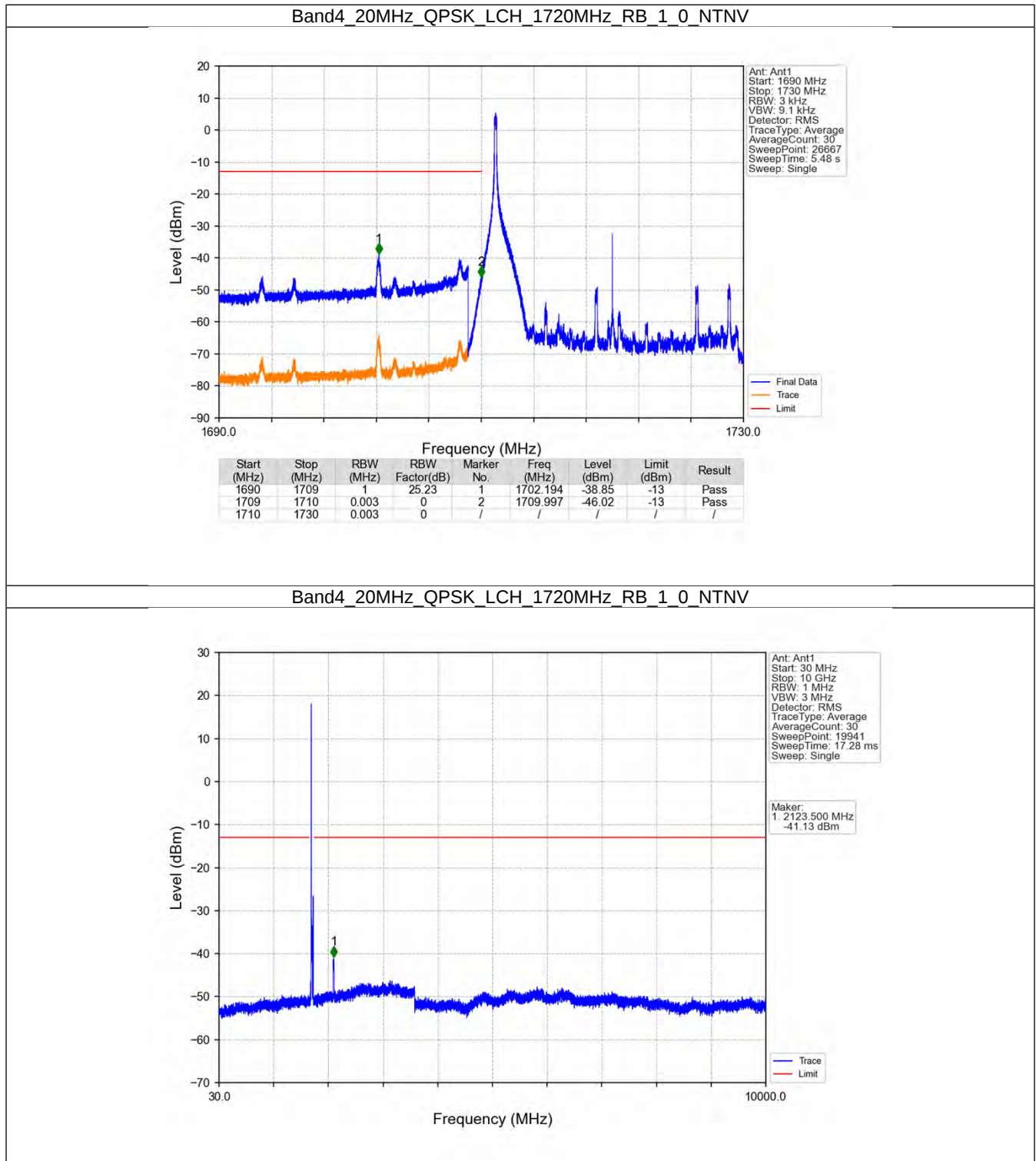


## 6.6 B4\_20MHz

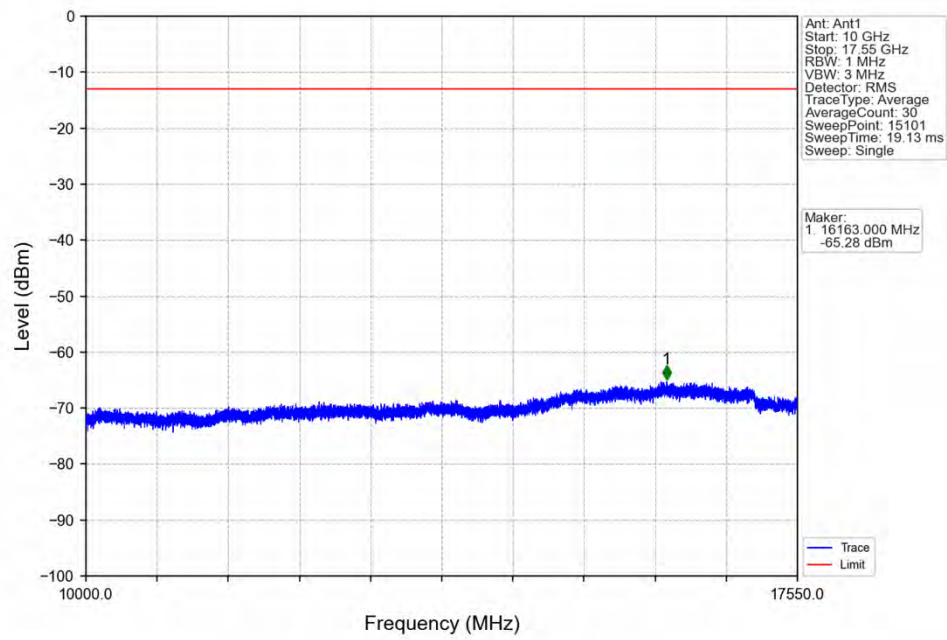
## 6.6.1 Test Result

| Band: 4 / Bandwidth: 20MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
| 16QAM                             | 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    |

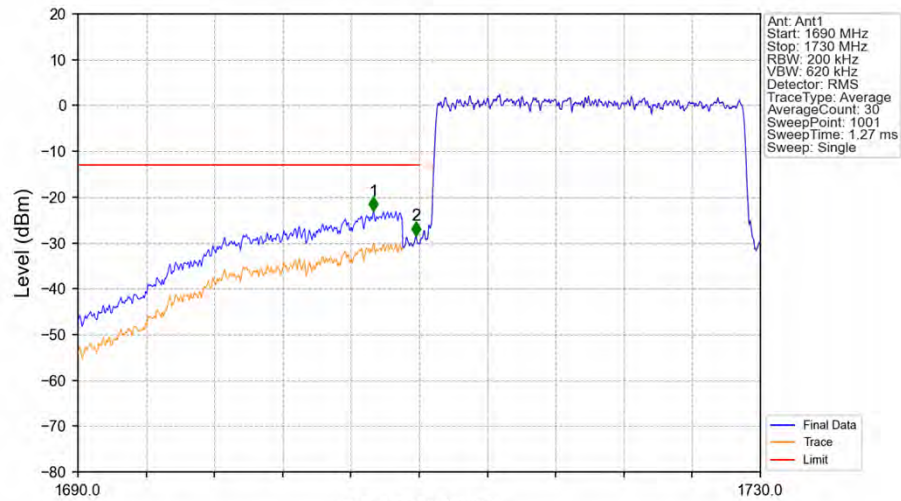
## 6.6.2 Test Graph



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

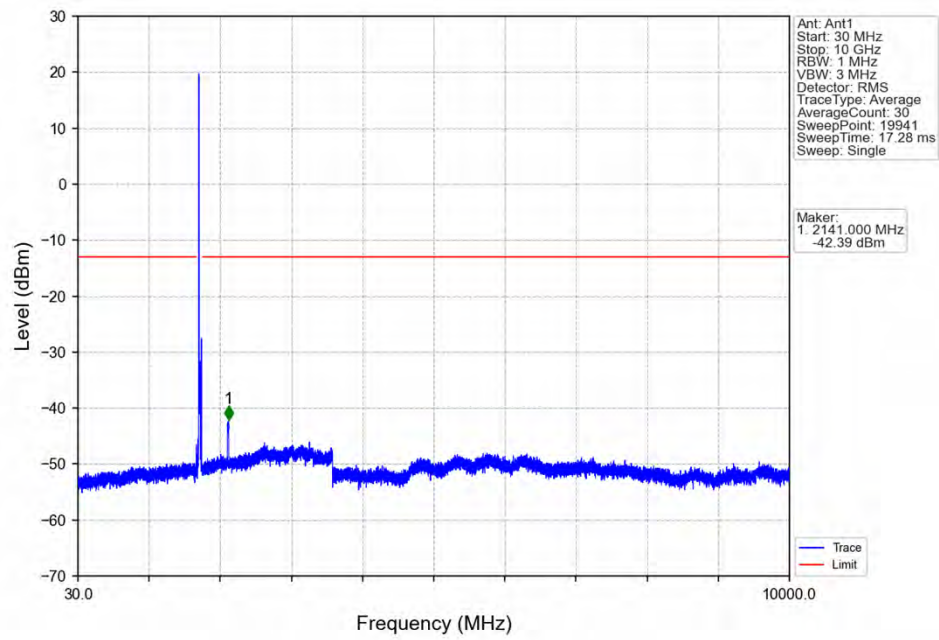


Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV

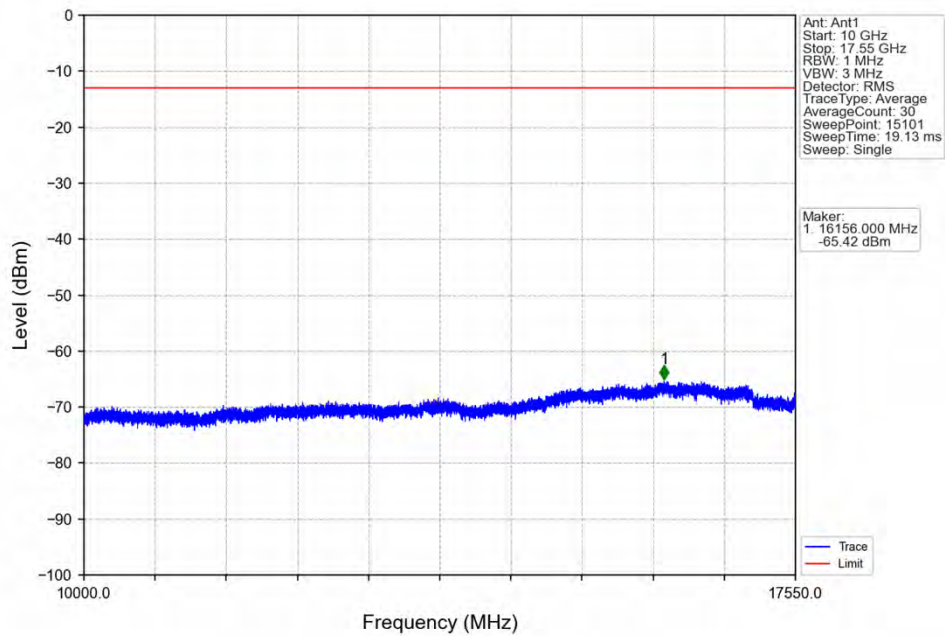


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | 6.99           | 1          | 1707.320   | -23.06      | -13         | Pass   |
| 1709        | 1710       | 0.2       | 0              | 2          | 1709.800   | -28.42      | -13         | Pass   |
| 1710        | 1730       | 0.2       | 0              | /          | /          | /           | /           | /      |

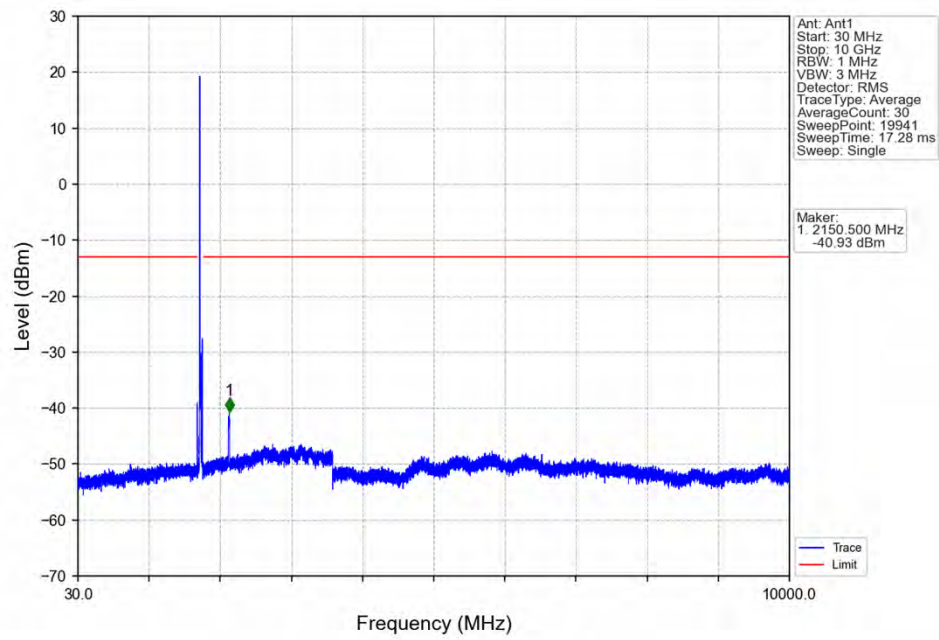
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



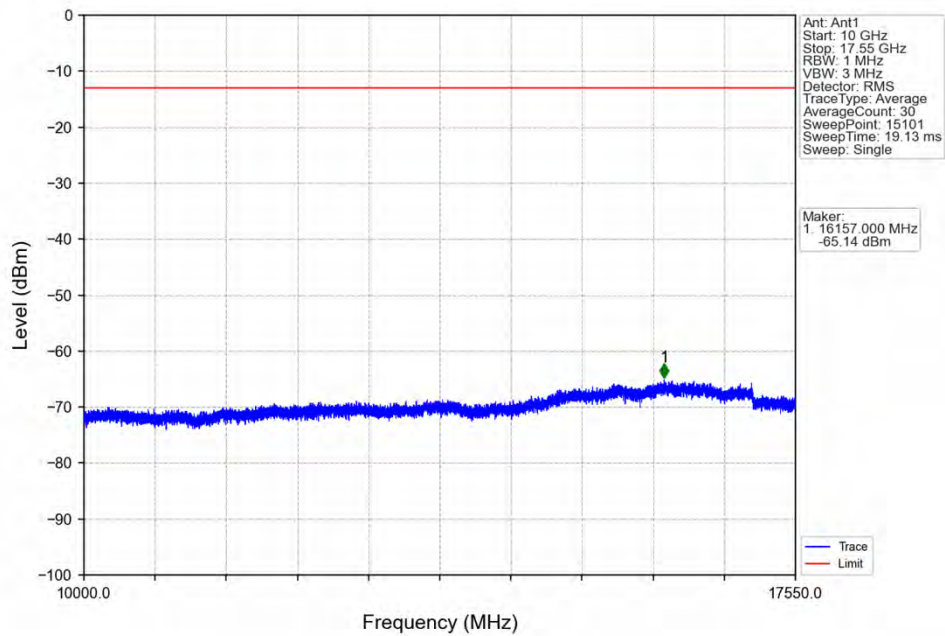
Band4\_20MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



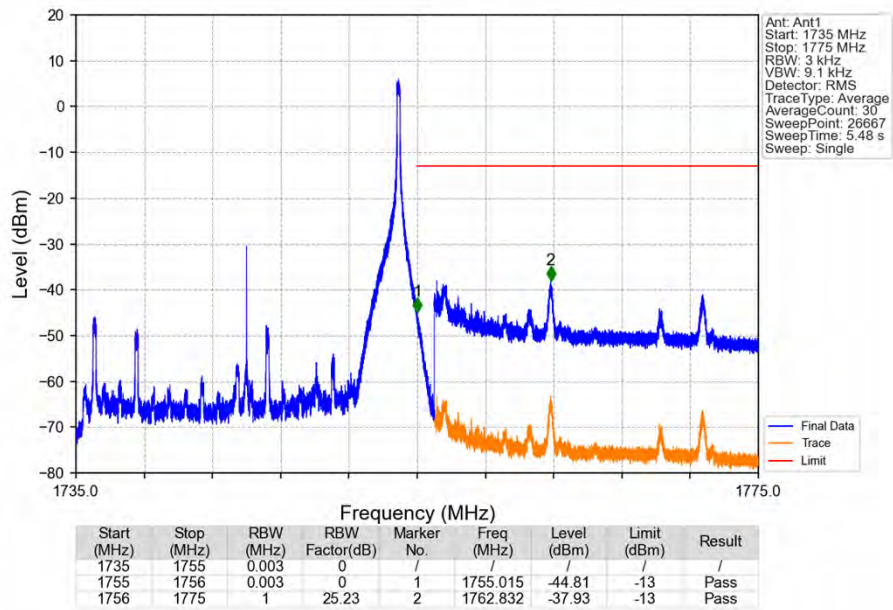
Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_0\_NTNV



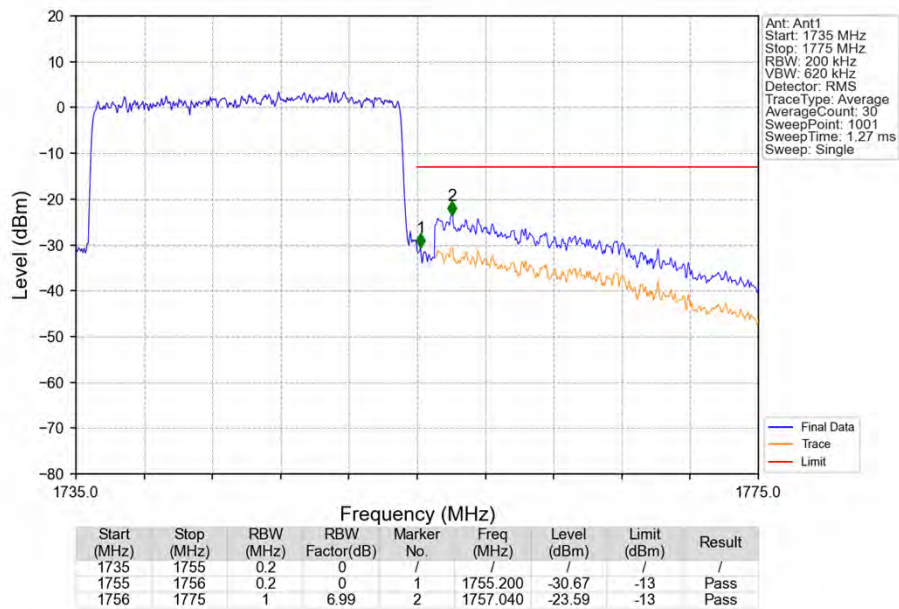
Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_0\_NTNV



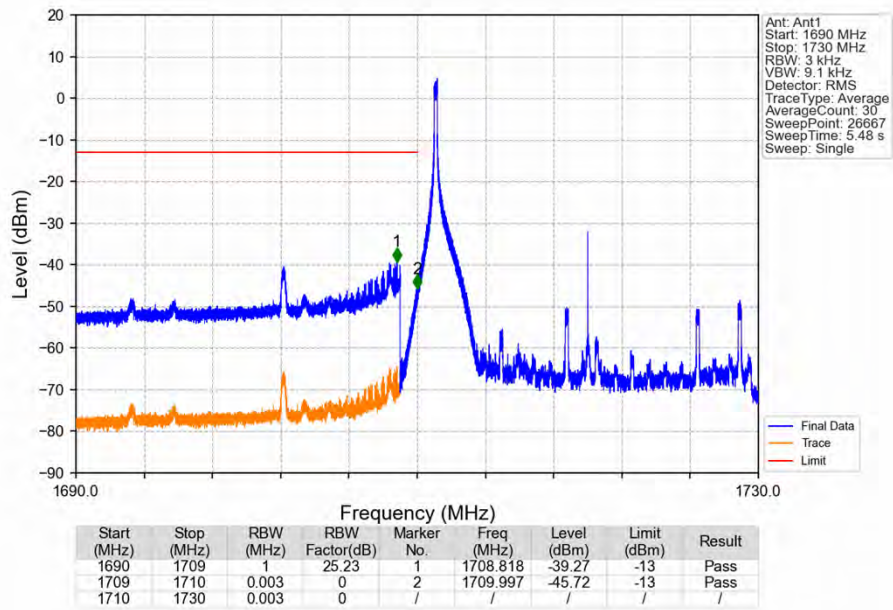
Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_1\_99\_NTNV



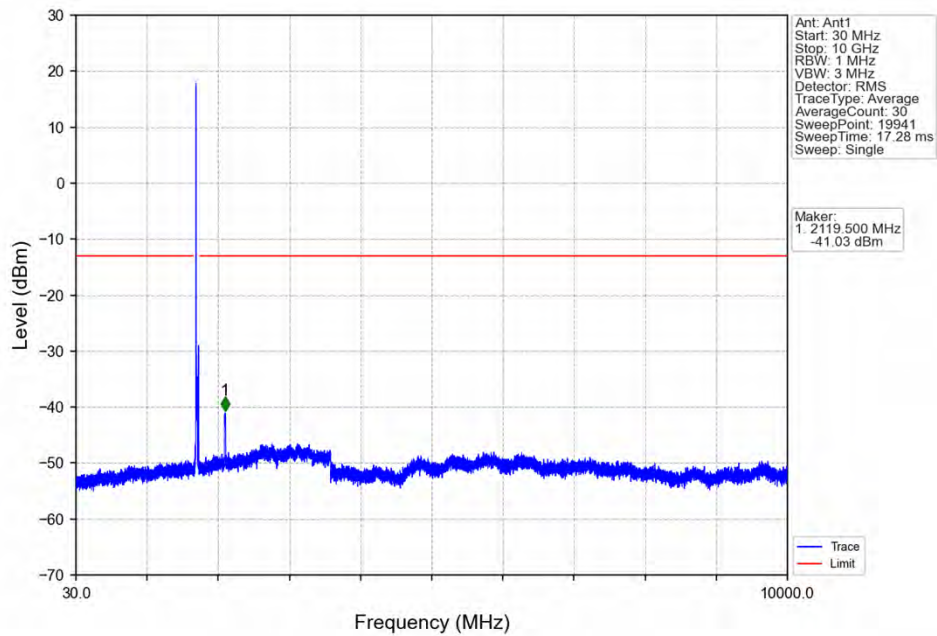
Band4\_20MHz\_QPSK\_HCH\_1745MHz\_RB\_100\_0\_NTNV



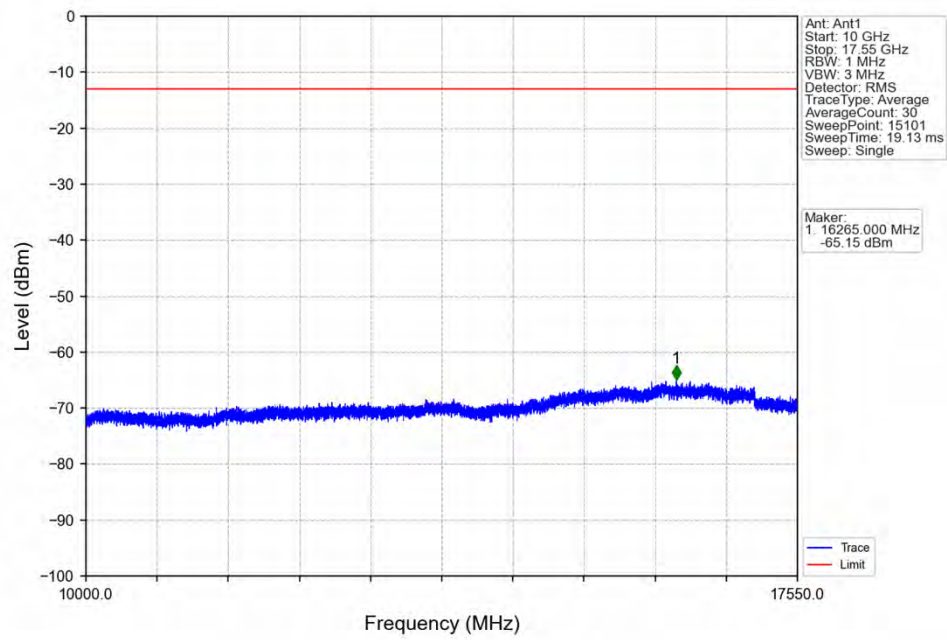
Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV



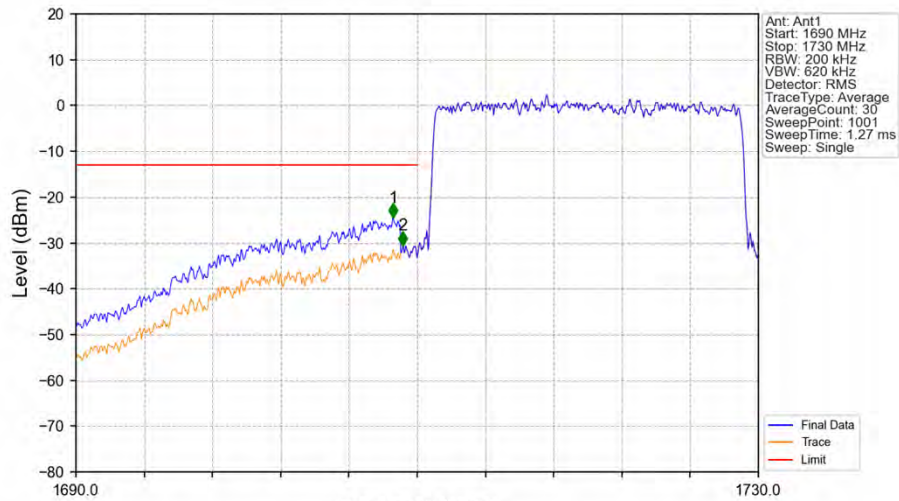
Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV



Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_1\_0\_NTNV

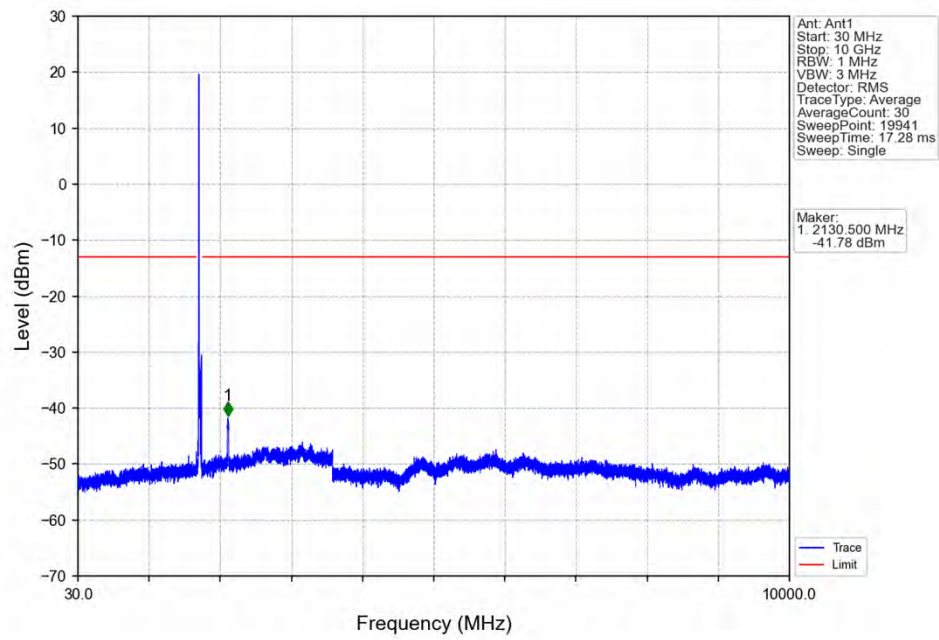


Band4\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV

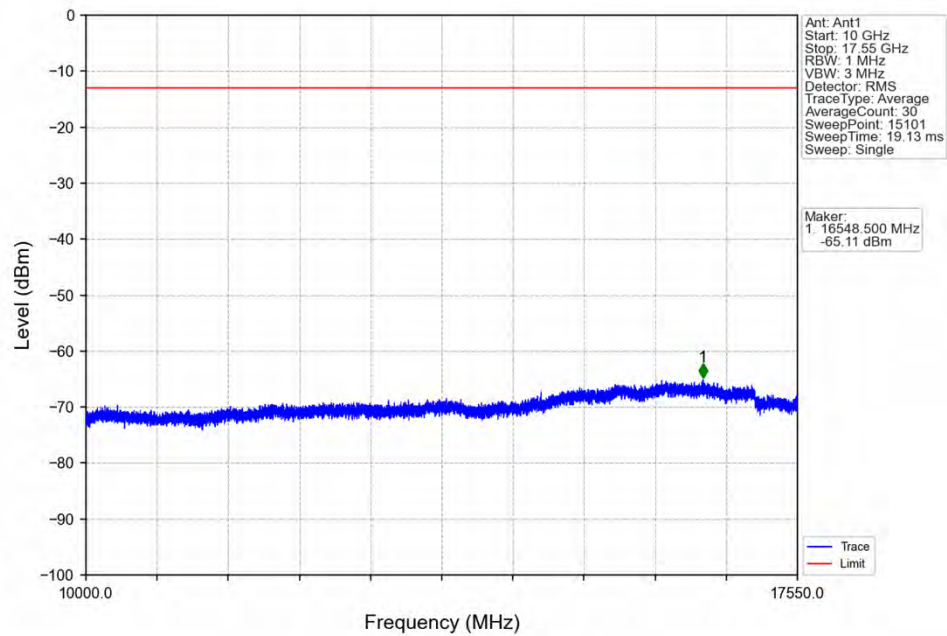


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | 6.99           | 1          | 1708.600   | -24.51      | -13         | Pass   |
| 1709        | 1710       | 0.2       | 0              | 2          | 1709.160   | -30.53      | -13         | Pass   |
| 1710        | 1730       | 0.2       | 0              | /          | /          | /           | /           | /      |

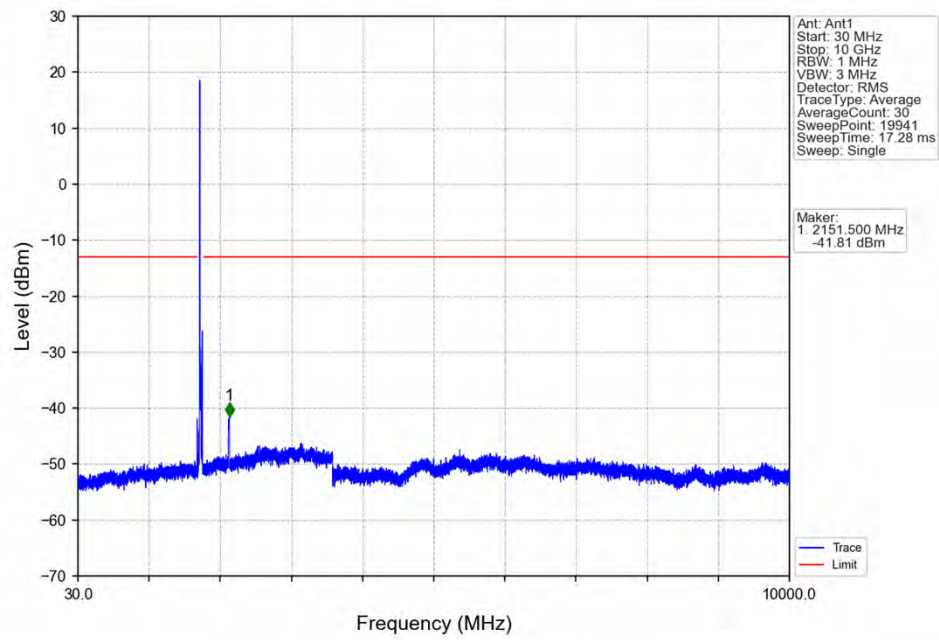
Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



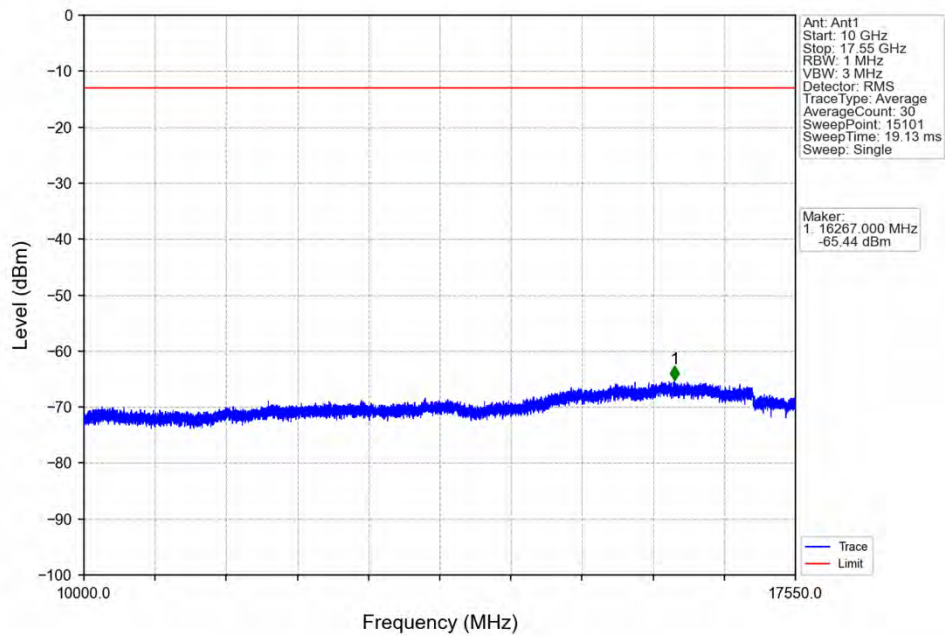
Band4\_20MHz\_16QAM\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



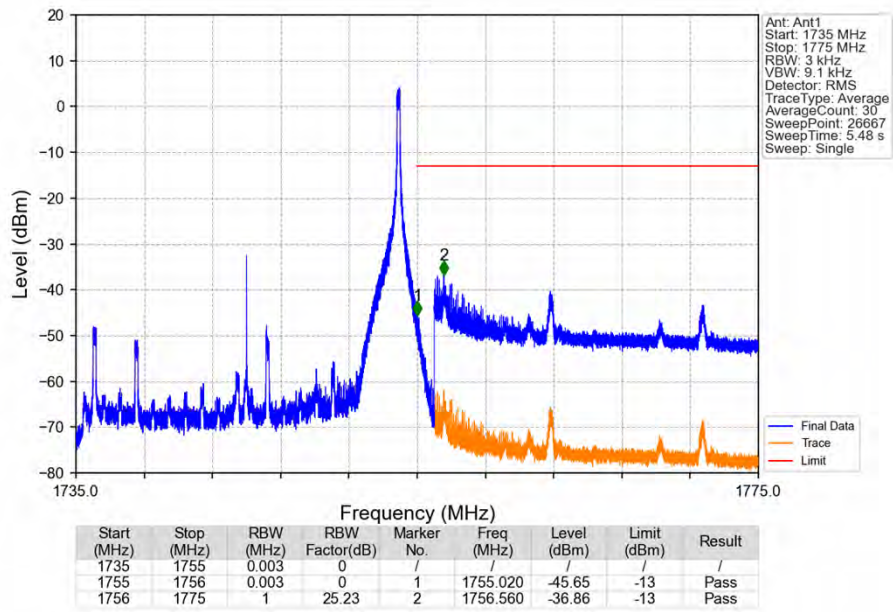
Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_0\_NTNV



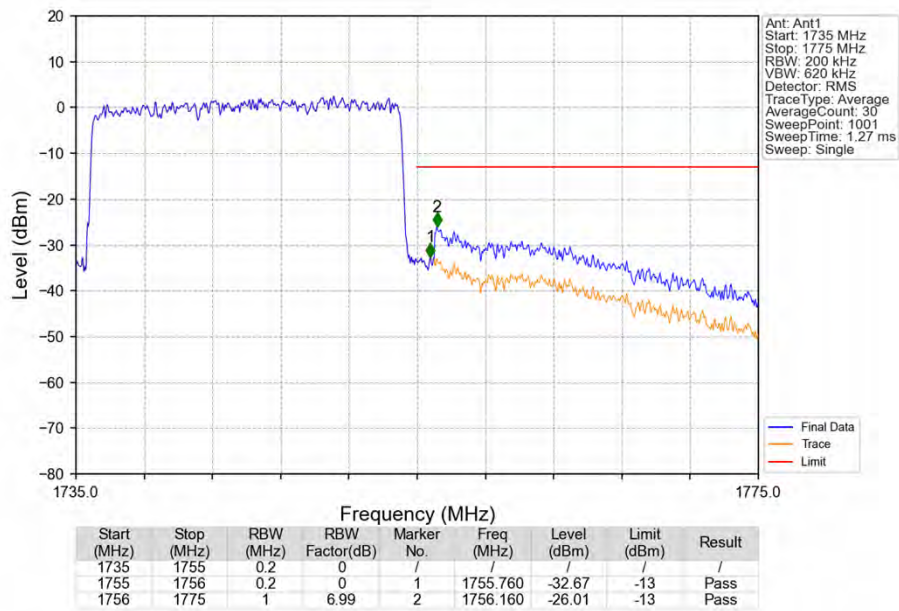
Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_0\_NTNV



## Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_1\_99\_NTNV



## Band4\_20MHz\_16QAM\_HCH\_1745MHz\_RB\_100\_0\_NTNV



## 7. Form731

### 7.1 Form731\_Power

#### 7.1.1 Test Result

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 4    | 1.4 | 1710.7     | 1754.3    | 0.2427        | 0.0049 | ppm    | 1M12G7D             | 24E        | 23.85           |
| 4    | 1.4 | 1710.7     | 1754.3    | 0.2042        | 0.0046 | ppm    | 1M12W7D             | 24E        | 23.10           |
| 4    | 3   | 1711.5     | 1753.5    | 0.2415        | 0.0042 | ppm    | 2M73G7D             | 24E        | 23.83           |
| 4    | 3   | 1711.5     | 1753.5    | 0.2051        | 0.0038 | ppm    | 2M74W7D             | 24E        | 23.12           |
| 4    | 5   | 1712.5     | 1752.5    | 0.2716        | 0.0056 | ppm    | 4M55G7D             | 24E        | 24.34           |
| 4    | 5   | 1712.5     | 1752.5    | 0.2104        | 0.0049 | ppm    | 4M56W7D             | 24E        | 23.23           |
| 4    | 10  | 1715       | 1750      | 0.2630        | 0.0042 | ppm    | 9M07G7D             | 24E        | 24.20           |
| 4    | 10  | 1715       | 1750      | 0.2056        | 0.0040 | ppm    | 9M08W7D             | 24E        | 23.13           |
| 4    | 15  | 1717.5     | 1747.5    | 0.2415        | 0.0029 | ppm    | 13M6G7D             | 24E        | 23.83           |
| 4    | 15  | 1717.5     | 1747.5    | 0.2128        | 0.0030 | ppm    | 13M6W7D             | 24E        | 23.28           |
| 4    | 20  | 1720       | 1745      | 0.2512        | 0.0027 | ppm    | 18M2G7D             | 24E        | 24.00           |
| 4    | 20  | 1720       | 1745      | 0.2286        | 0.0042 | ppm    | 18M2W7D             | 24E        | 23.59           |

### 7.2 Form731\_EIRP

#### 7.2.1 Test Result

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 4    | 1.4 | 1710.7     | 1754.3    | 0.2624        | 0.0049 | ppm    | 1M12G7D             | 24E        | 24.19           |
| 4    | 1.4 | 1710.7     | 1754.3    | 0.2208        | 0.0046 | ppm    | 1M12W7D             | 24E        | 23.44           |
| 4    | 3   | 1711.5     | 1753.5    | 0.2612        | 0.0042 | ppm    | 2M73G7D             | 24E        | 24.17           |
| 4    | 3   | 1711.5     | 1753.5    | 0.2218        | 0.0038 | ppm    | 2M74W7D             | 24E        | 23.46           |
| 4    | 5   | 1712.5     | 1752.5    | 0.2938        | 0.0056 | ppm    | 4M55G7D             | 24E        | 24.68           |
| 4    | 5   | 1712.5     | 1752.5    | 0.2275        | 0.0049 | ppm    | 4M56W7D             | 24E        | 23.57           |
| 4    | 10  | 1715       | 1750      | 0.2844        | 0.0042 | ppm    | 9M07G7D             | 24E        | 24.54           |
| 4    | 10  | 1715       | 1750      | 0.2223        | 0.0040 | ppm    | 9M08W7D             | 24E        | 23.47           |
| 4    | 15  | 1717.5     | 1747.5    | 0.2612        | 0.0029 | ppm    | 13M6G7D             | 24E        | 24.17           |
| 4    | 15  | 1717.5     | 1747.5    | 0.2301        | 0.0030 | ppm    | 13M6W7D             | 24E        | 23.62           |
| 4    | 20  | 1720       | 1745      | 0.2716        | 0.0027 | ppm    | 18M2G7D             | 24E        | 24.34           |
| 4    | 20  | 1720       | 1745      | 0.2472        | 0.0042 | ppm    | 18M2W7D             | 24E        | 23.93           |