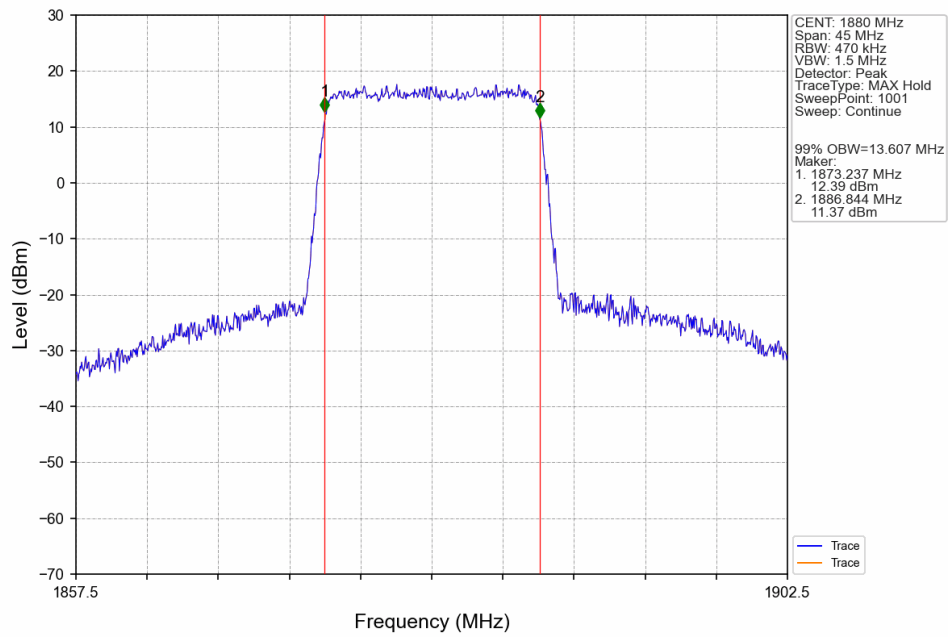
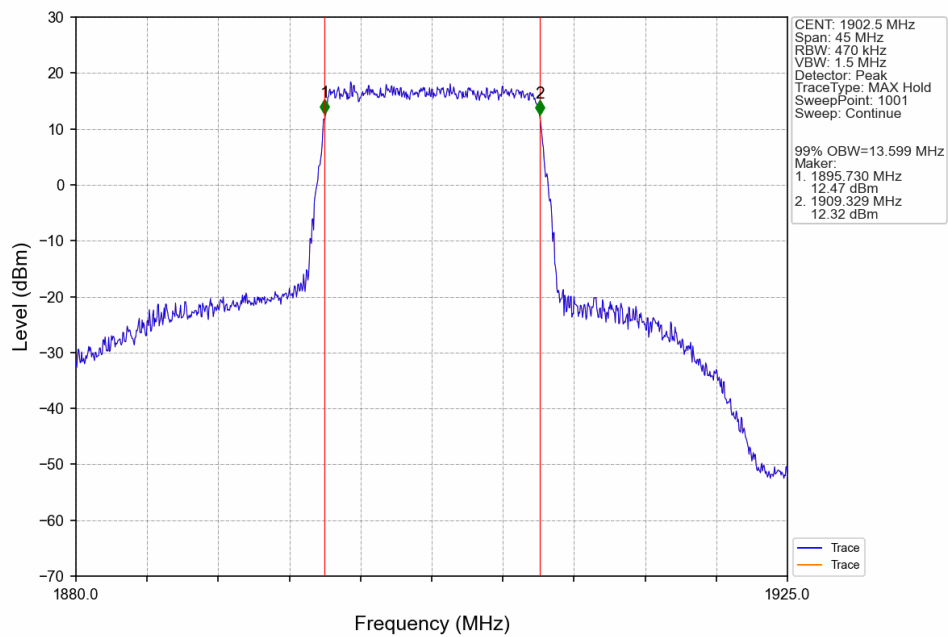


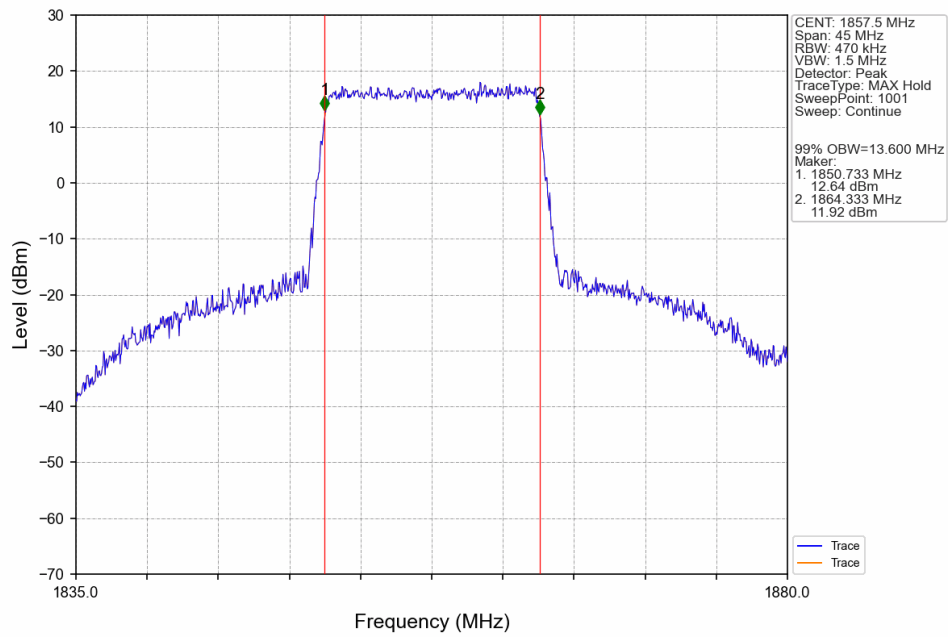
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



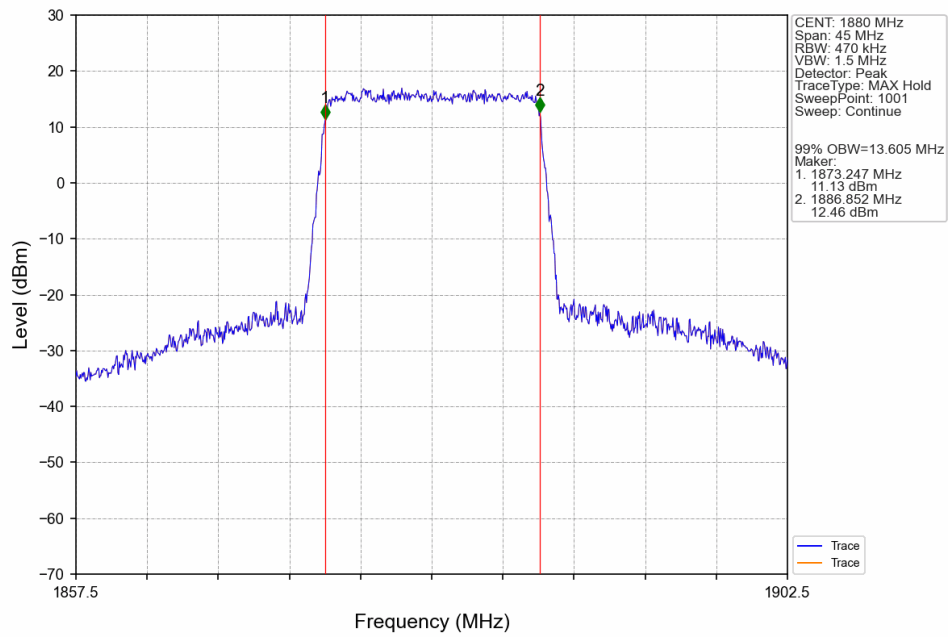
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



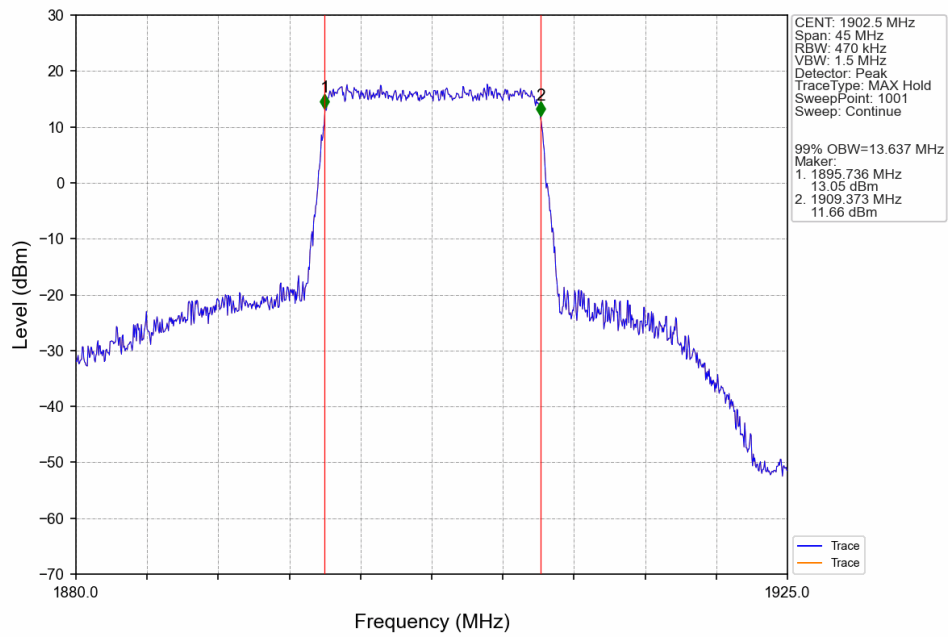
Band2 15MHz 64QAM LCH 1857.5MHz RB 75 0 NTNV



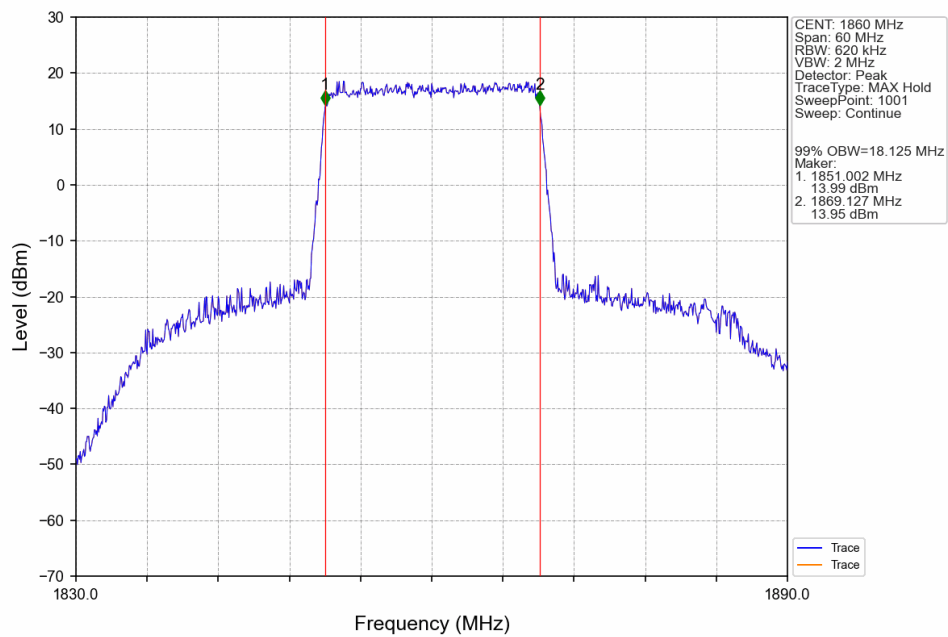
Band2 15MHz 64QAM MCH 1880MHz RB 75 0 NTNV



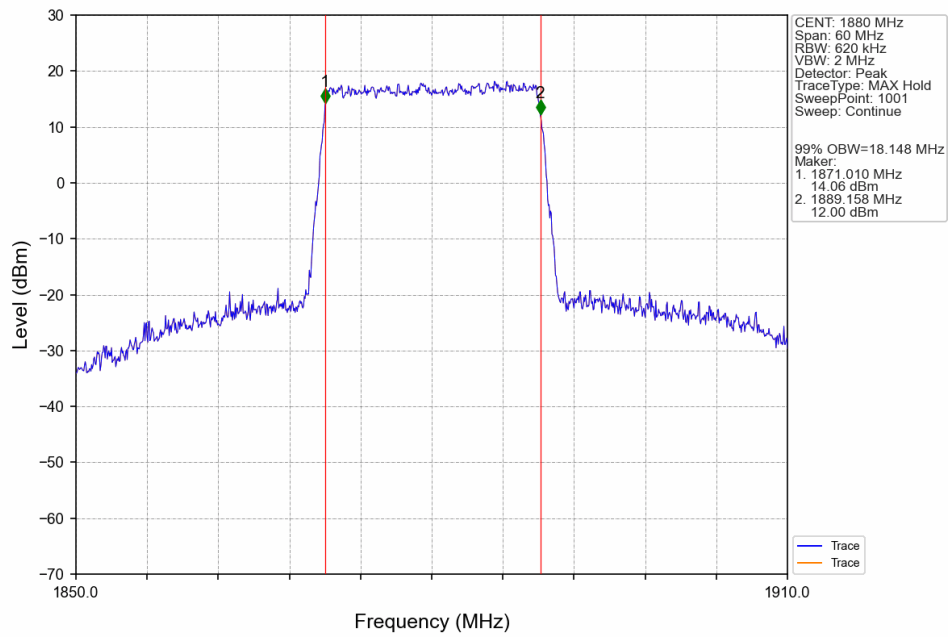
Band2 15MHz 64QAM HCH 1902.5MHz RB 75 0 NTNV



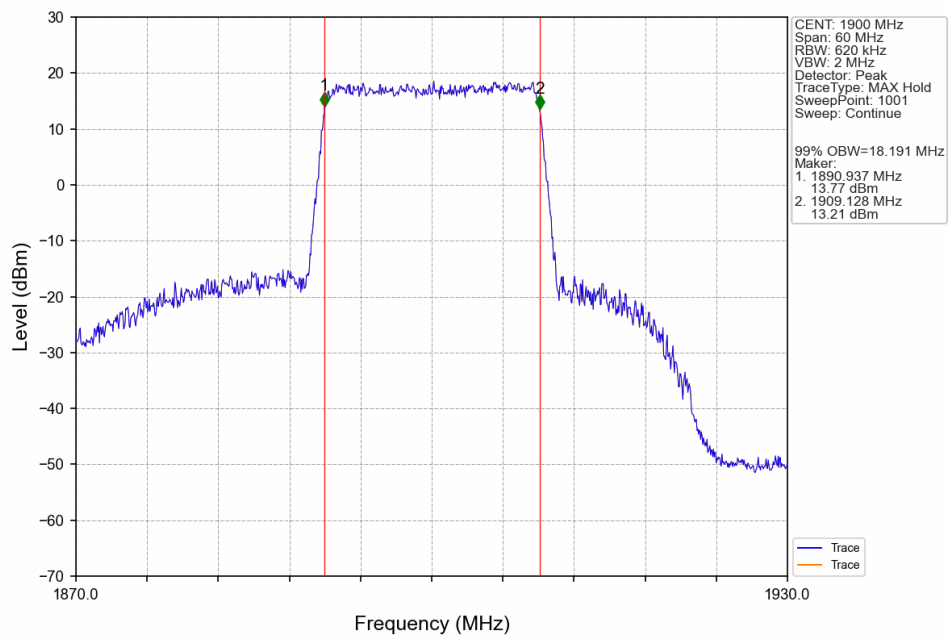
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



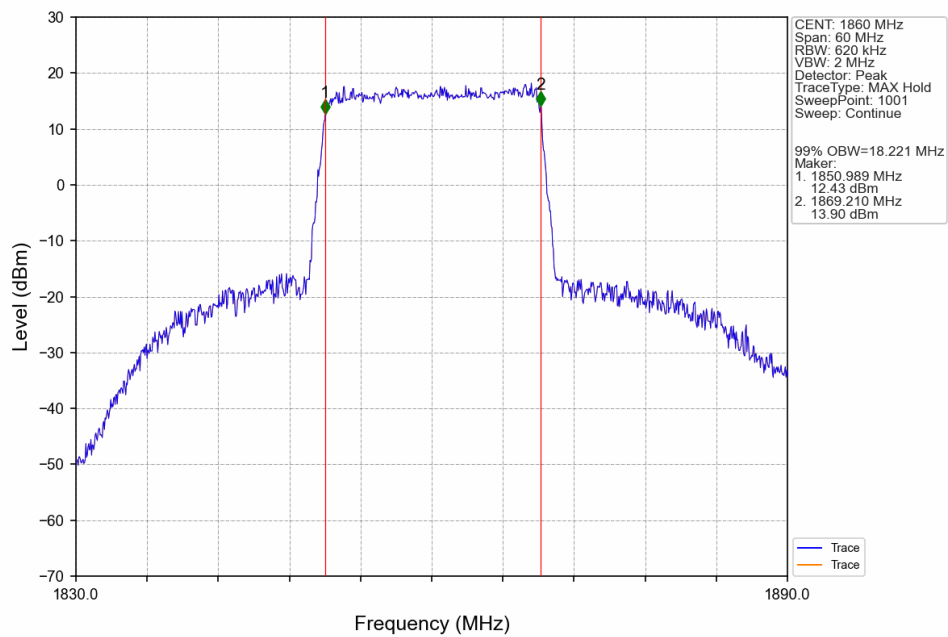
# Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



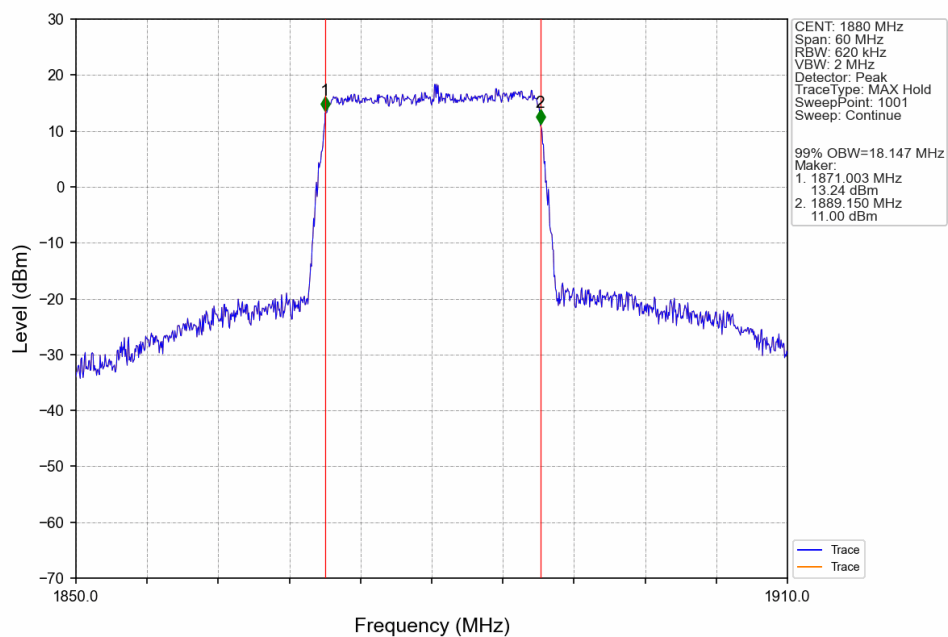
# Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



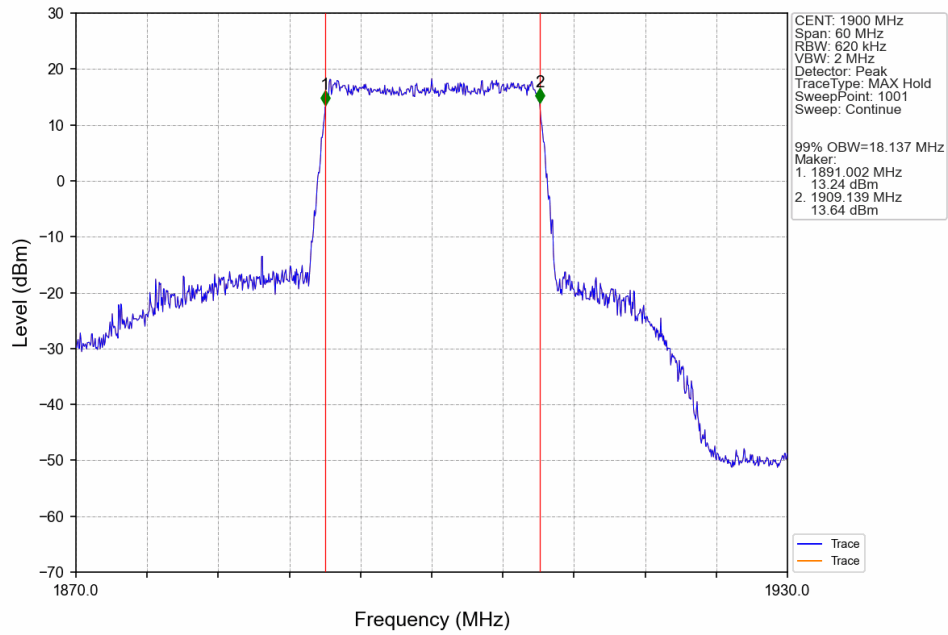
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



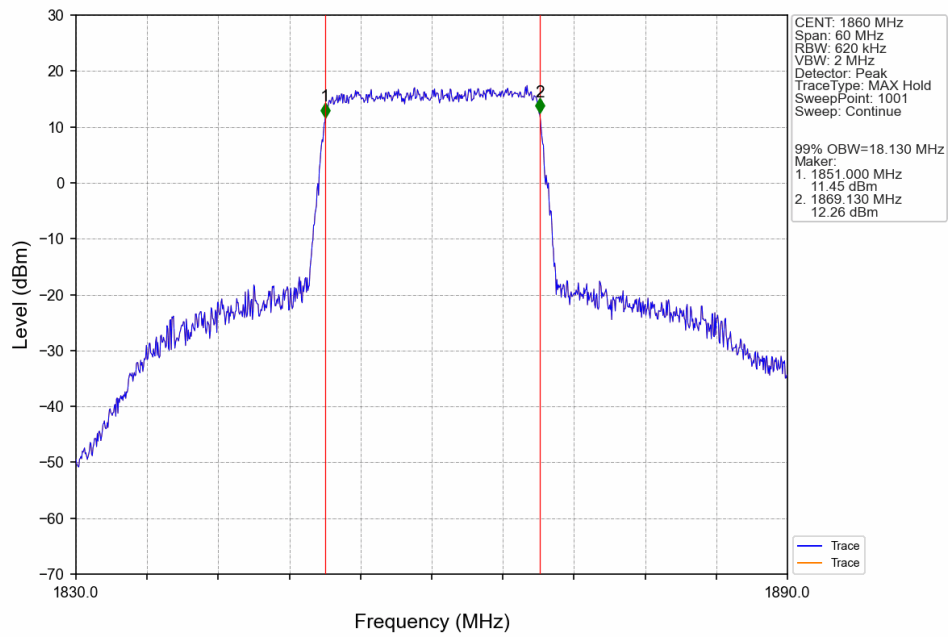
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



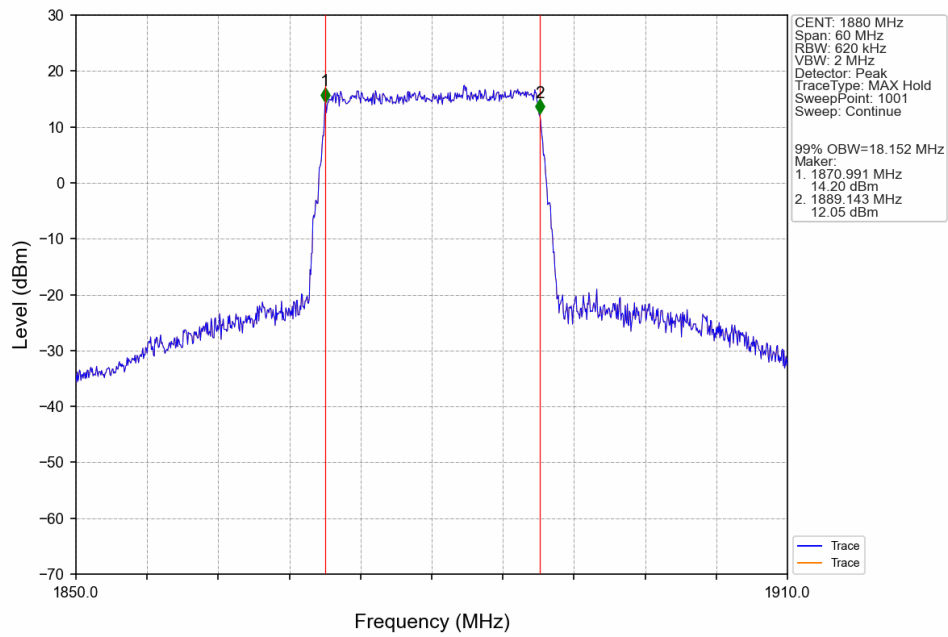
Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



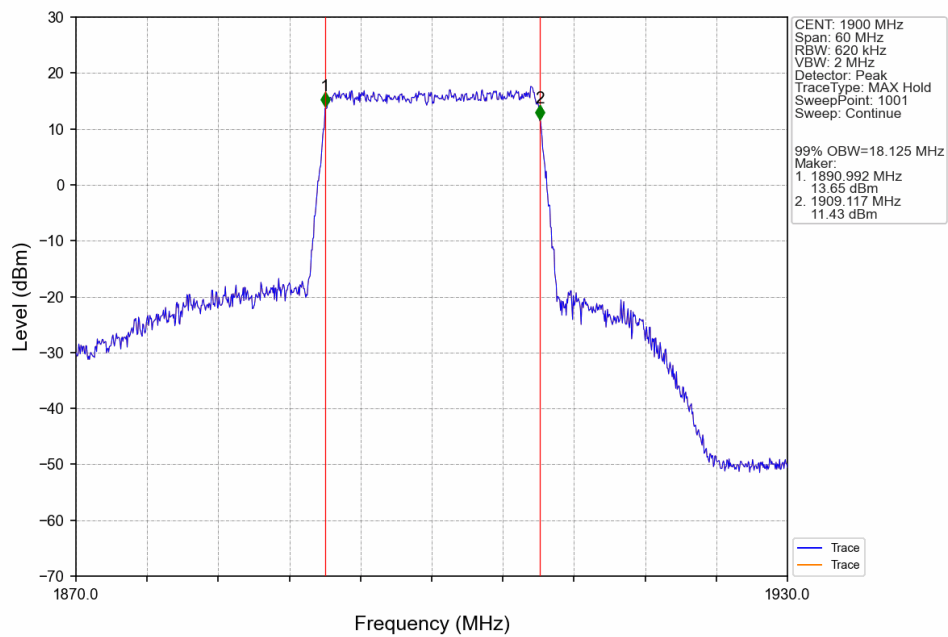
Band2 20MHz 64QAM LCH 1860MHz RB 100 0 NTNV



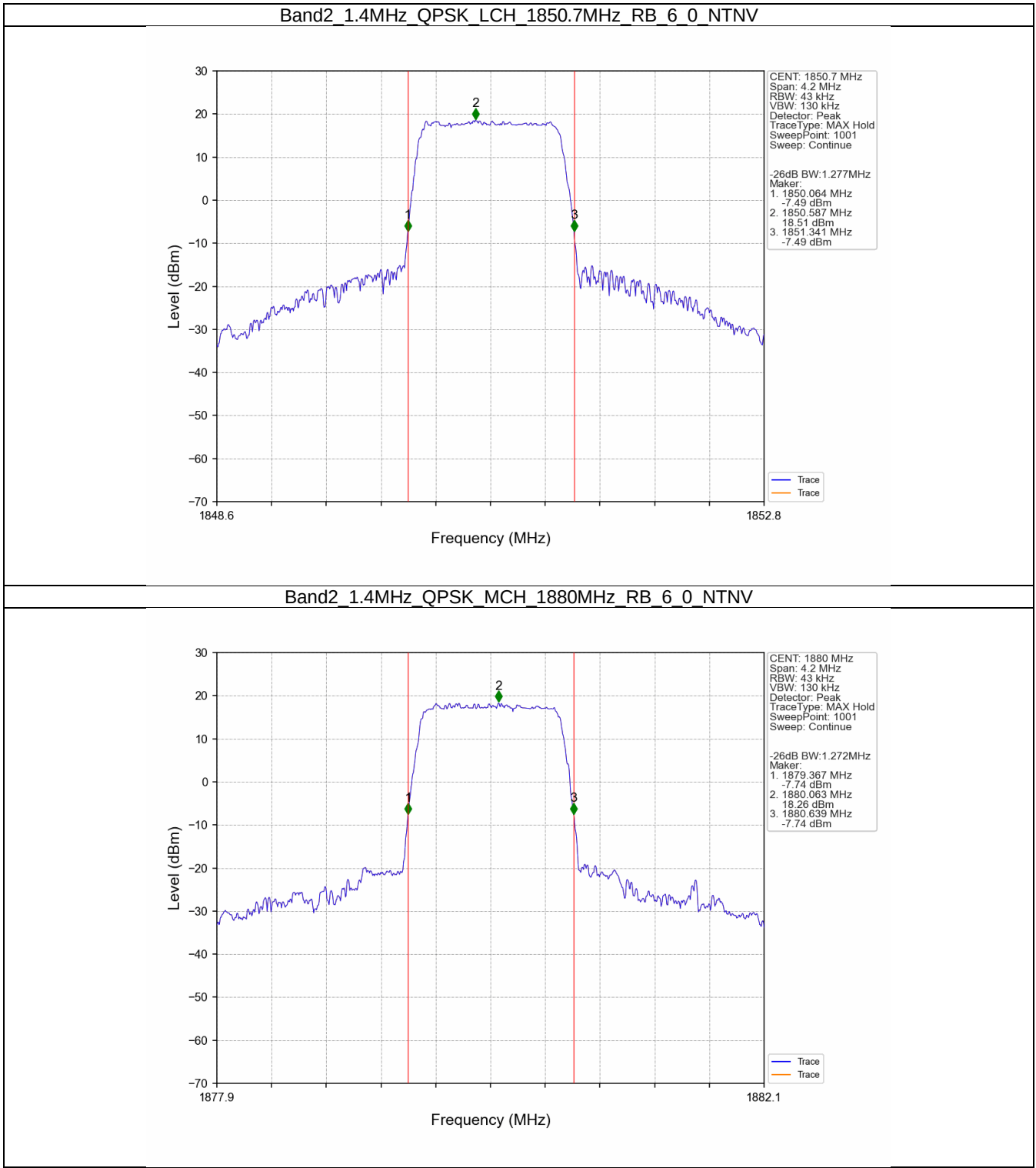
Band2 20MHz 64QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 64QAM HCH 1900MHz RB 100 0 NTNV

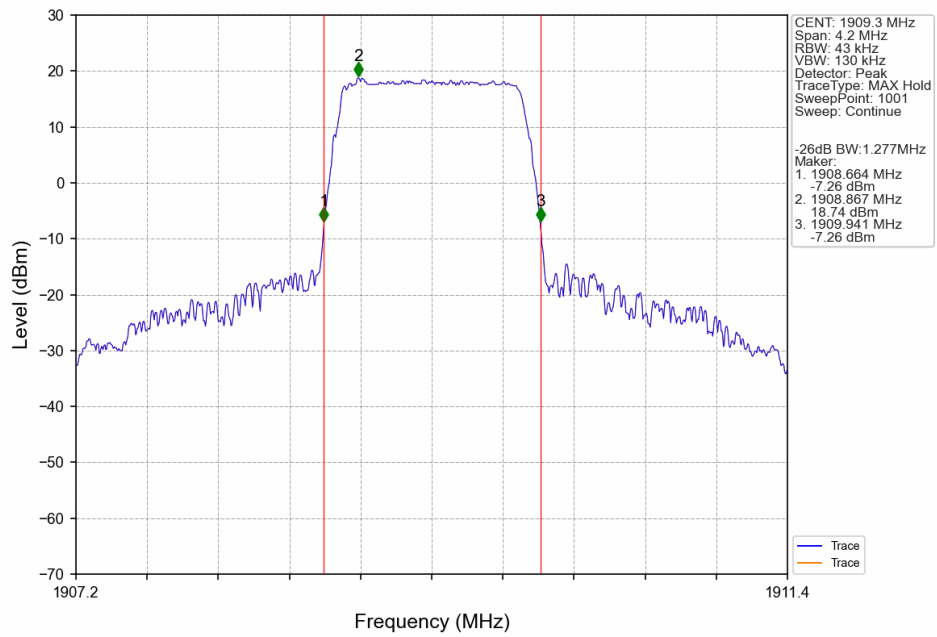


3.2.2 Band2\_XDB

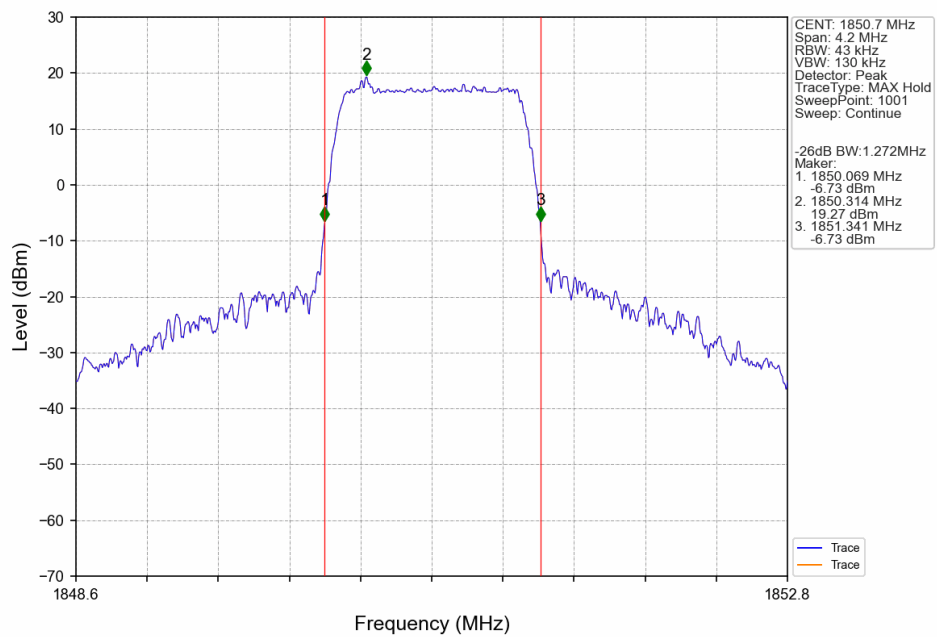




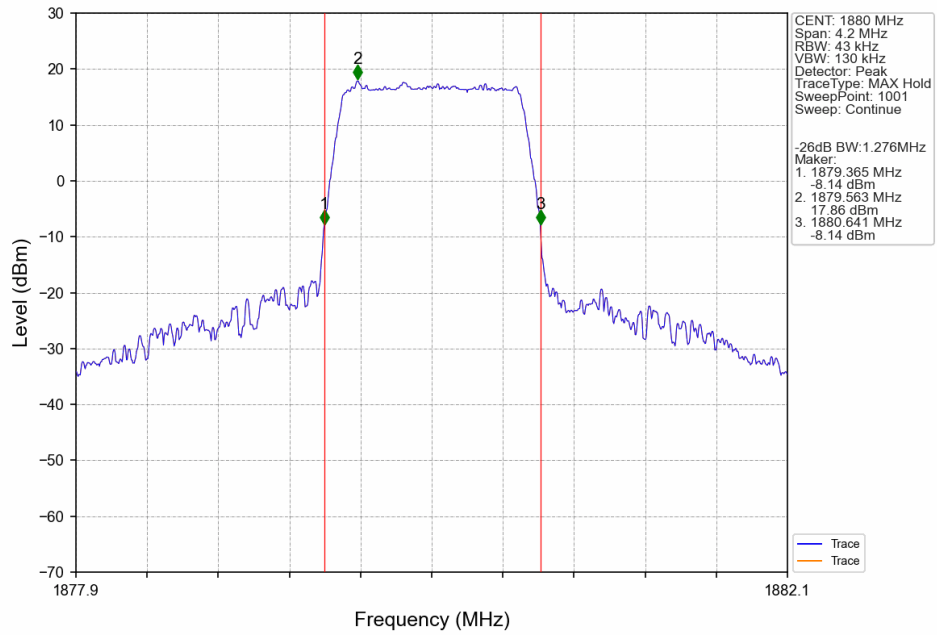
# Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



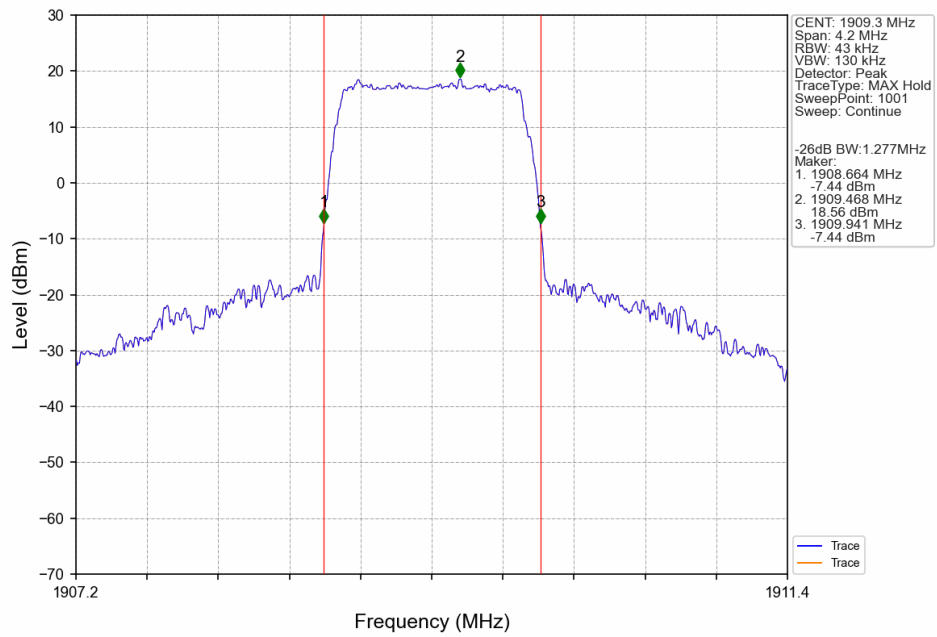
# Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



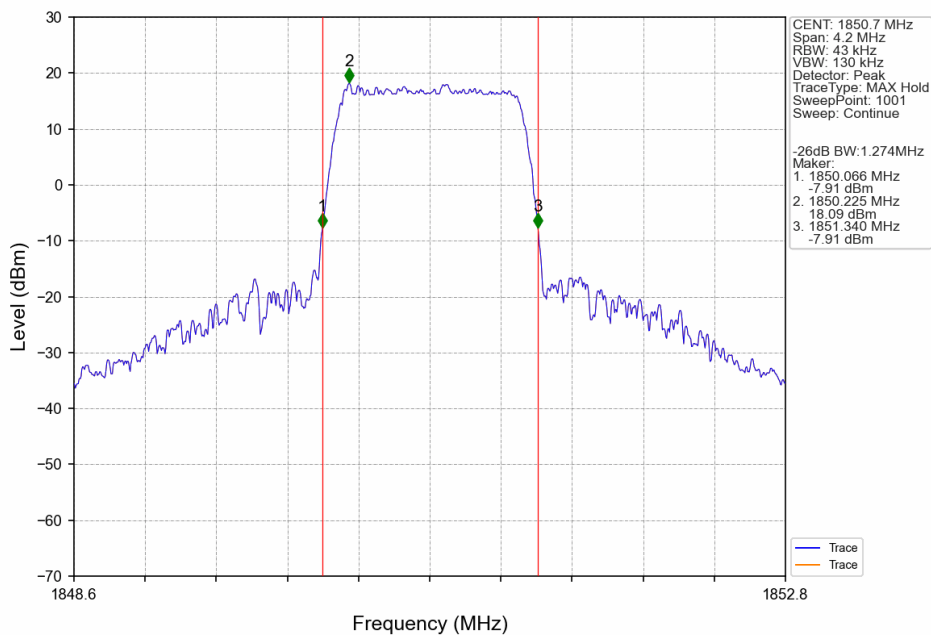
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



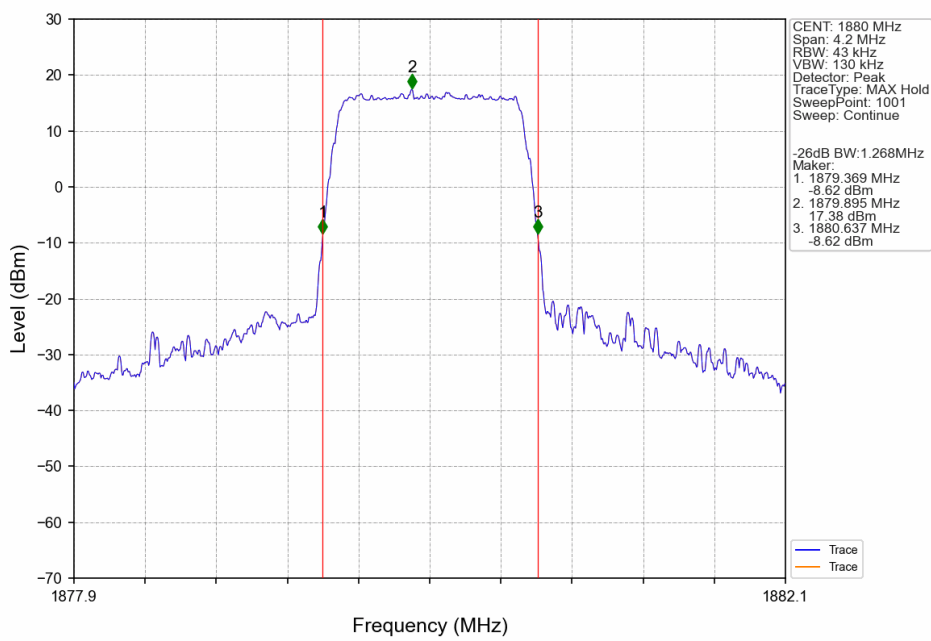
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



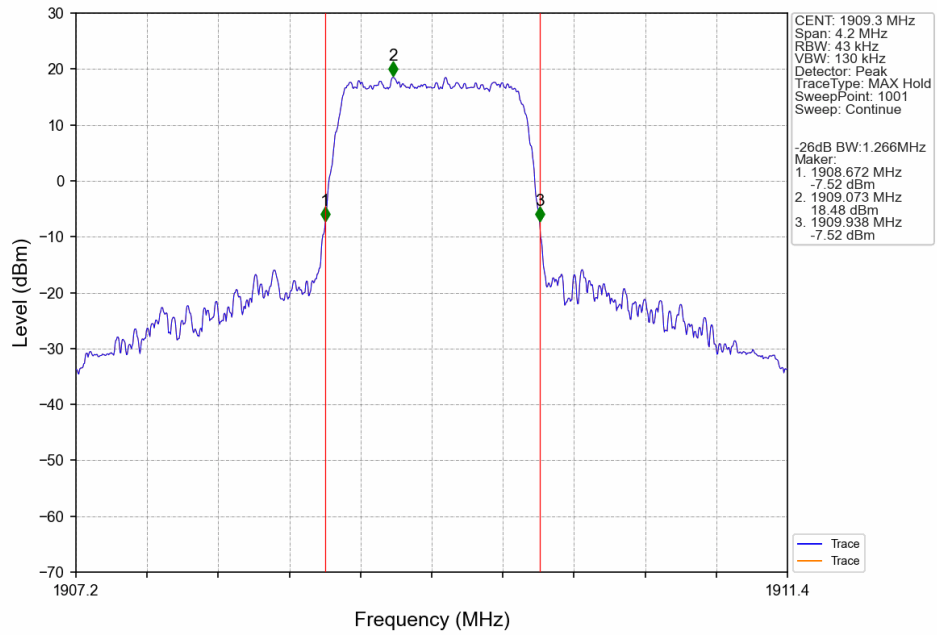
Band2 1.4MHz 64QAM LCH 1850.7MHz RB 6 0 NTN



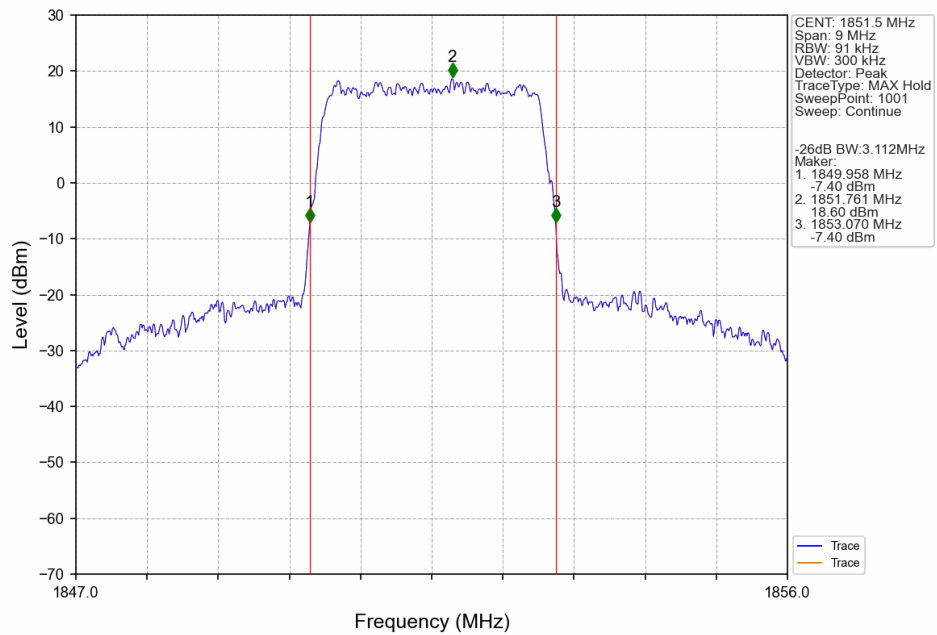
Band2 1.4MHz 64QAM MCH 1880MHz RB 6 0 NTN



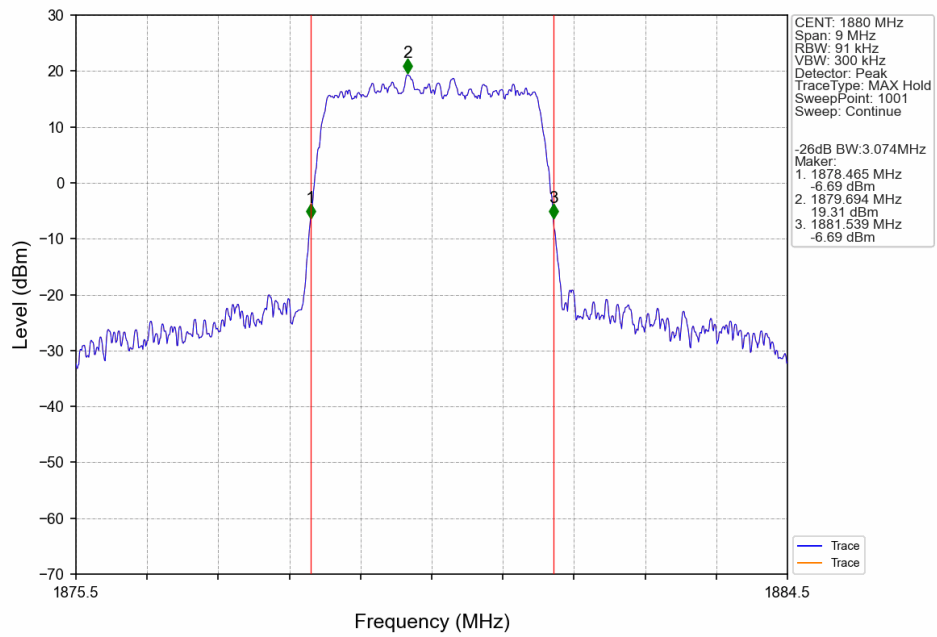
Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTNV



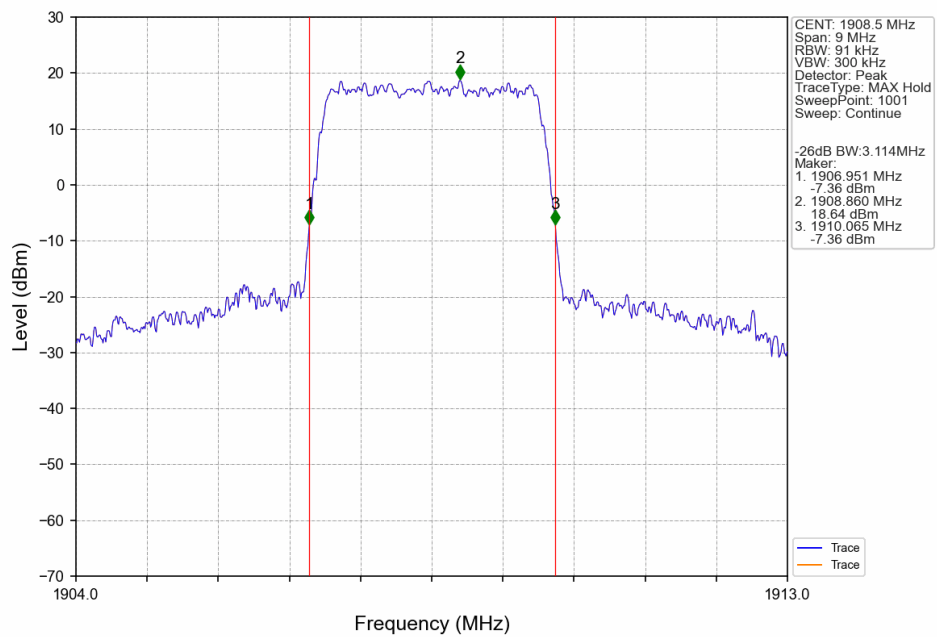
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



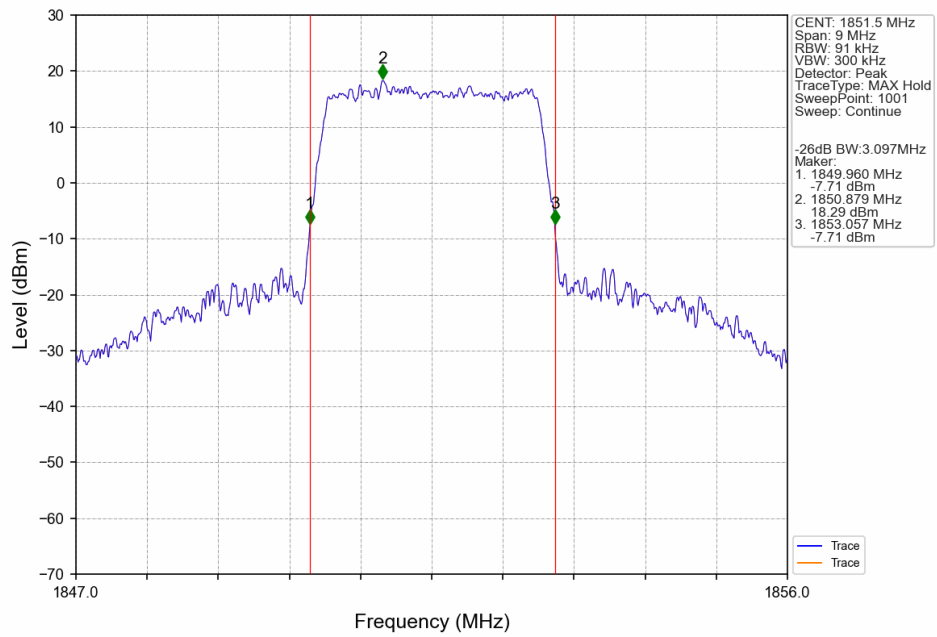
# Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTN



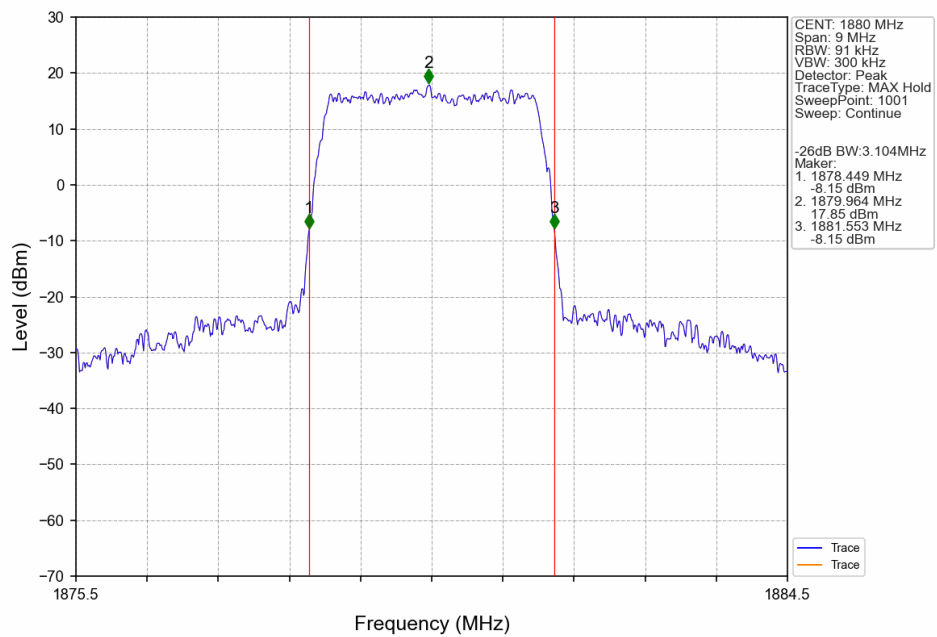
# Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTN



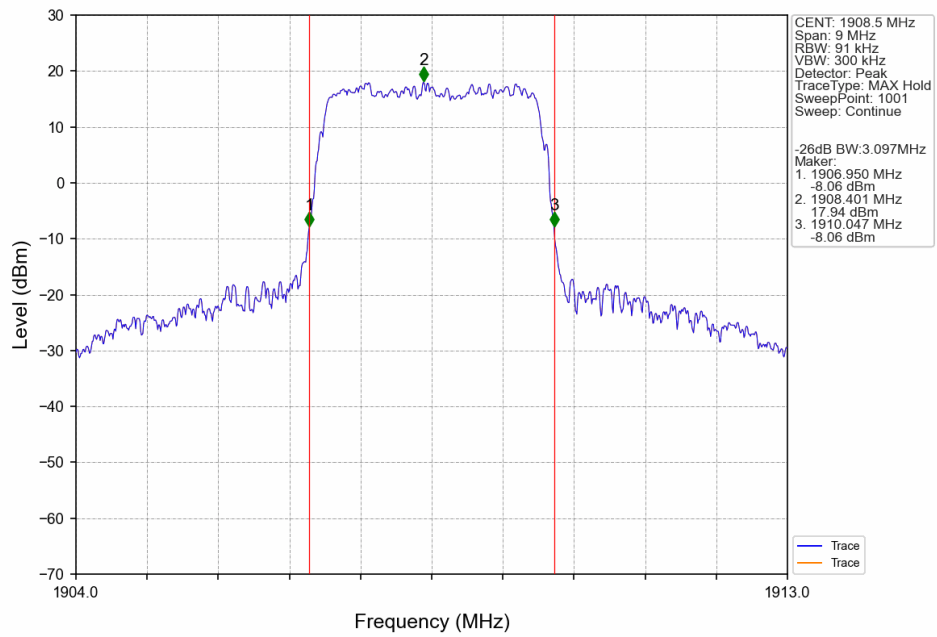
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



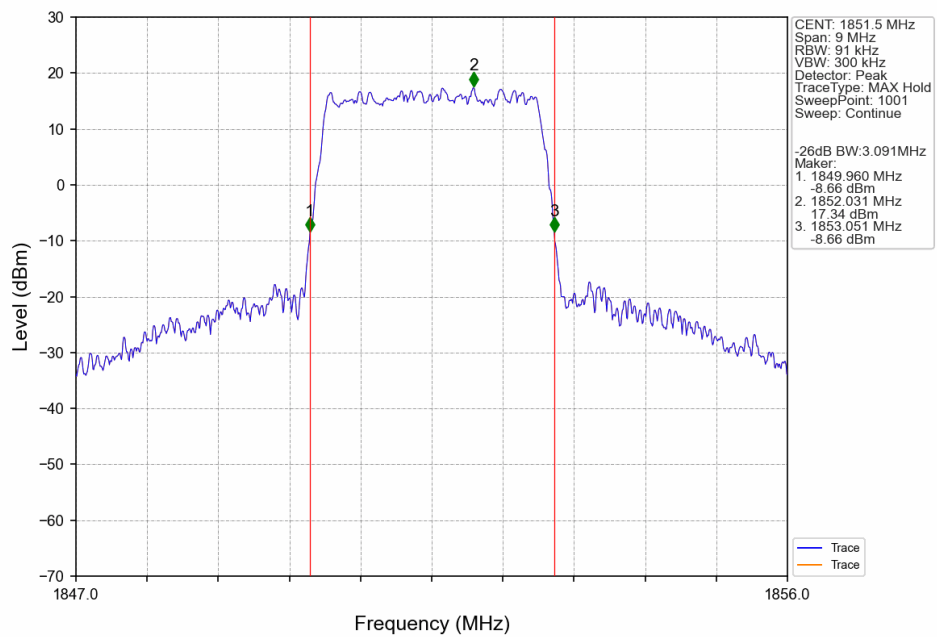
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



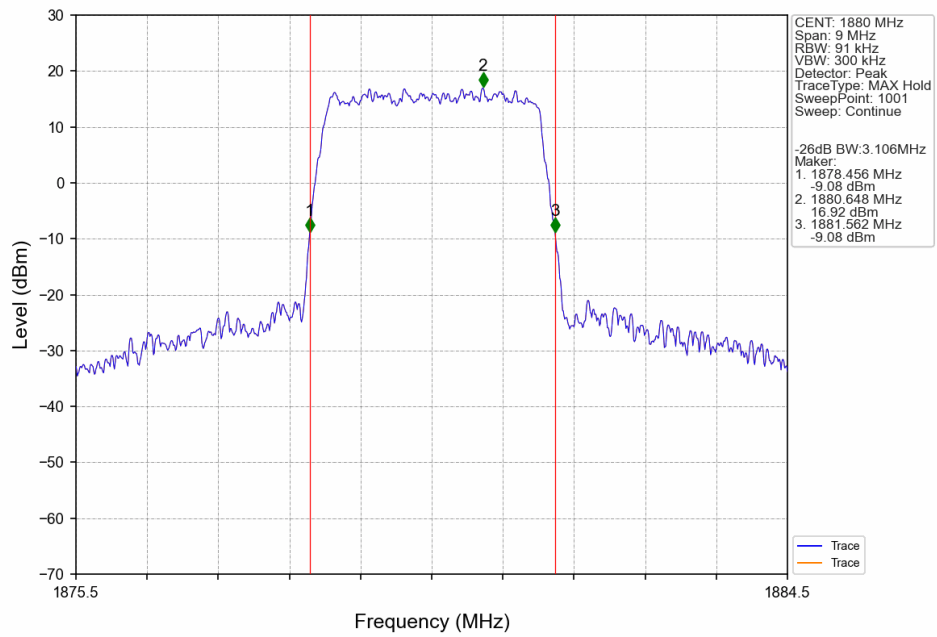
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



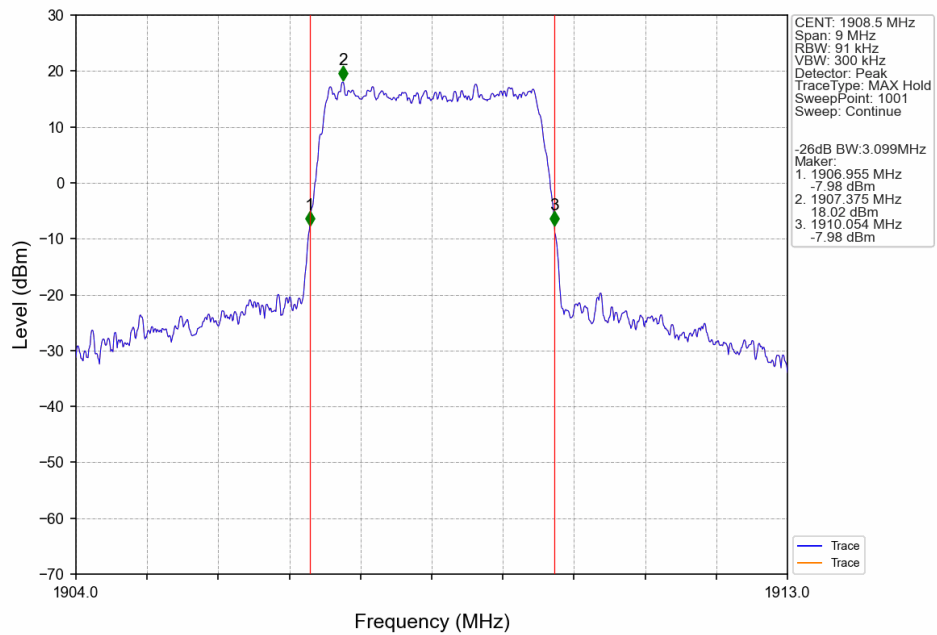
Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



# Band2 3MHz 64QAM MCH 1880MHz RB 15 0 NTNV

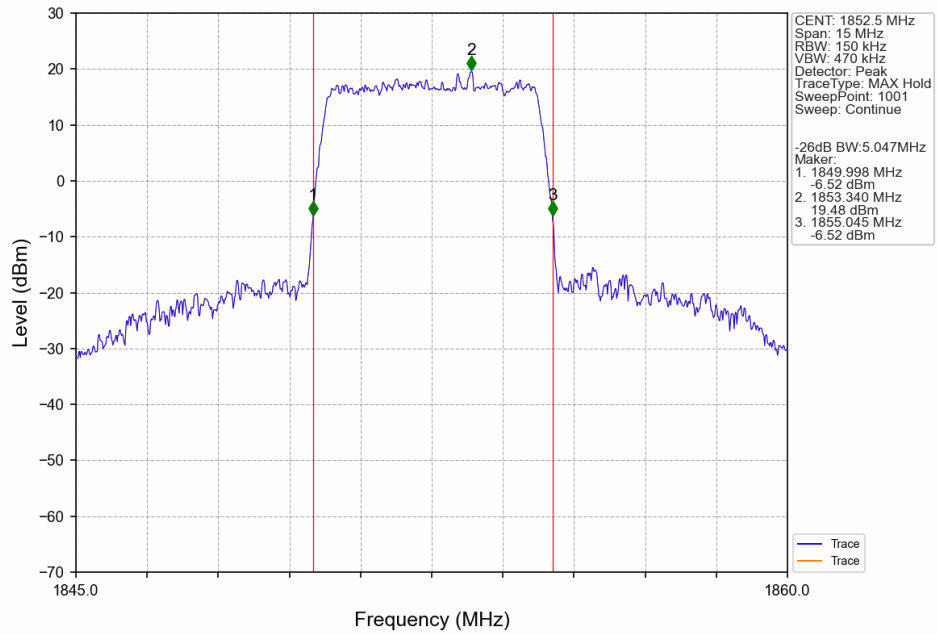


# Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

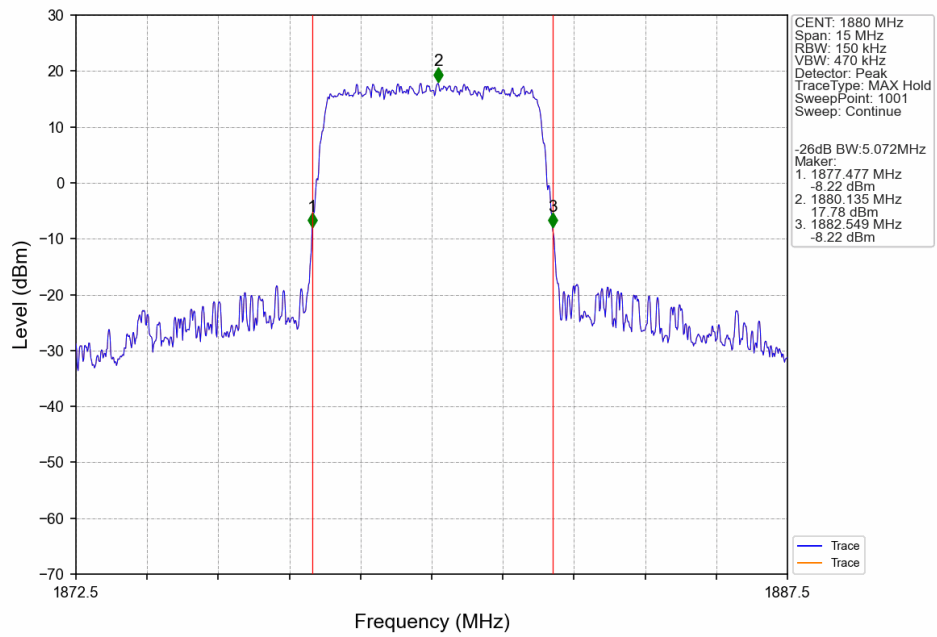




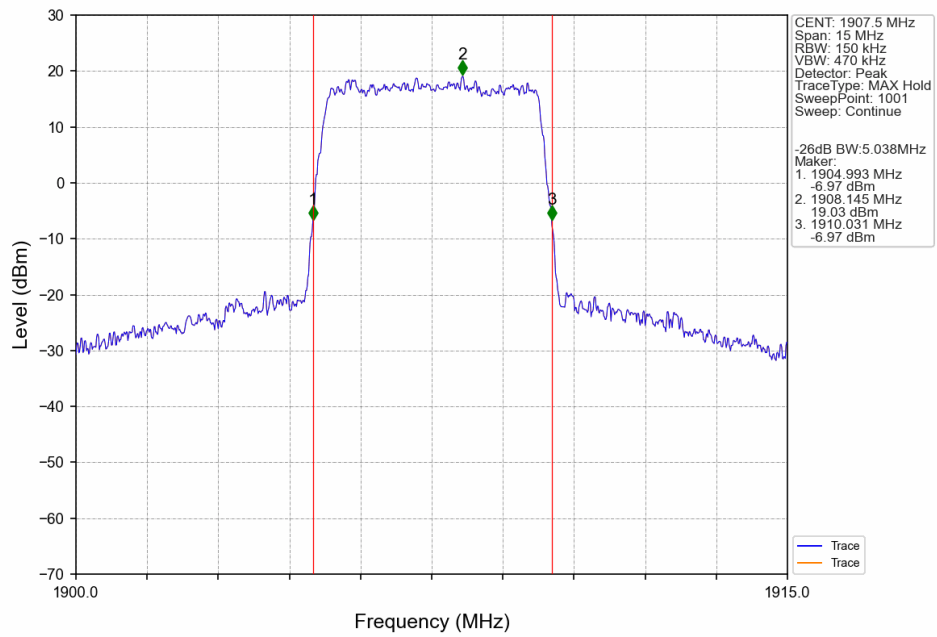
# Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTN



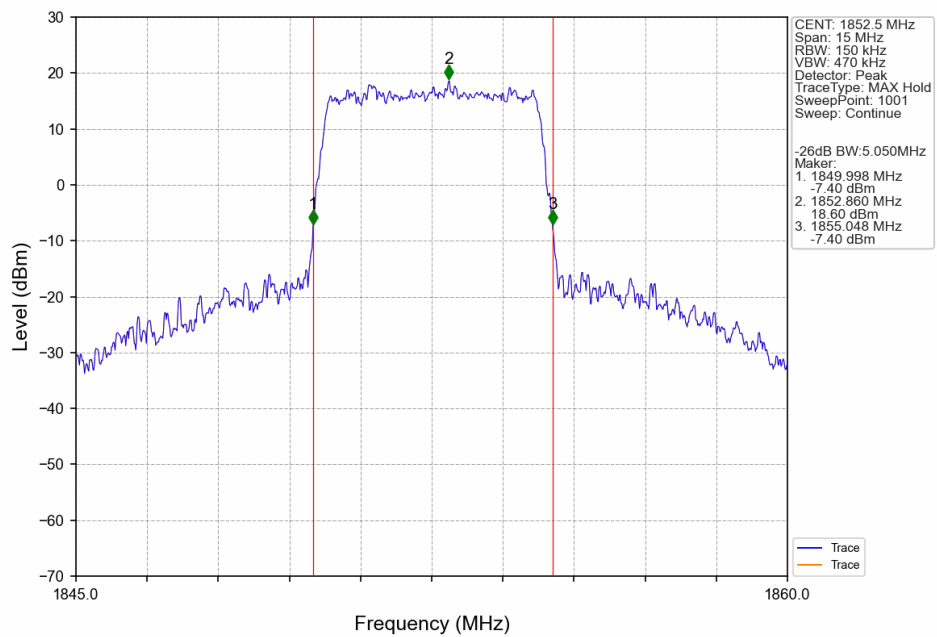
# Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0 NTN



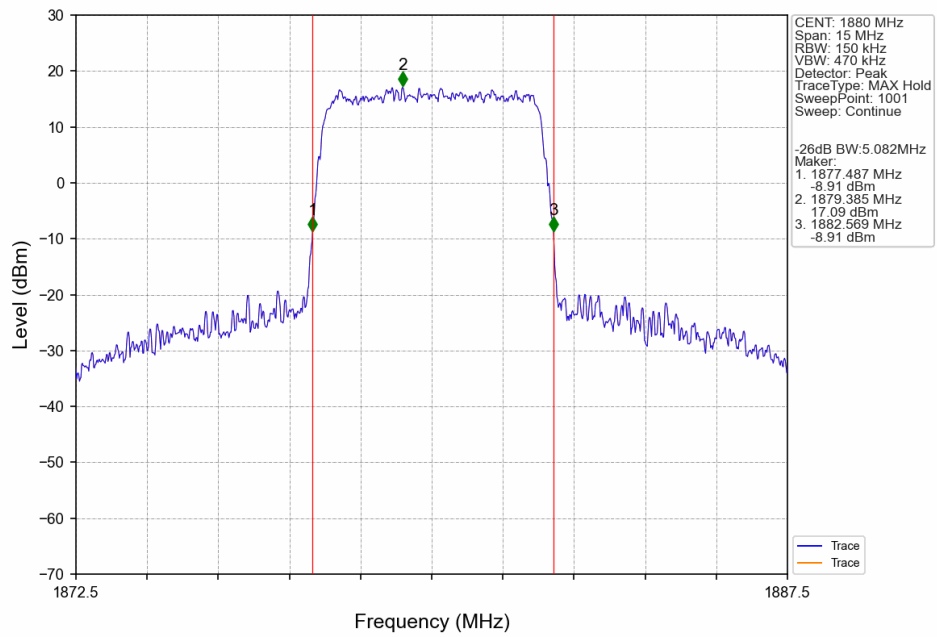
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



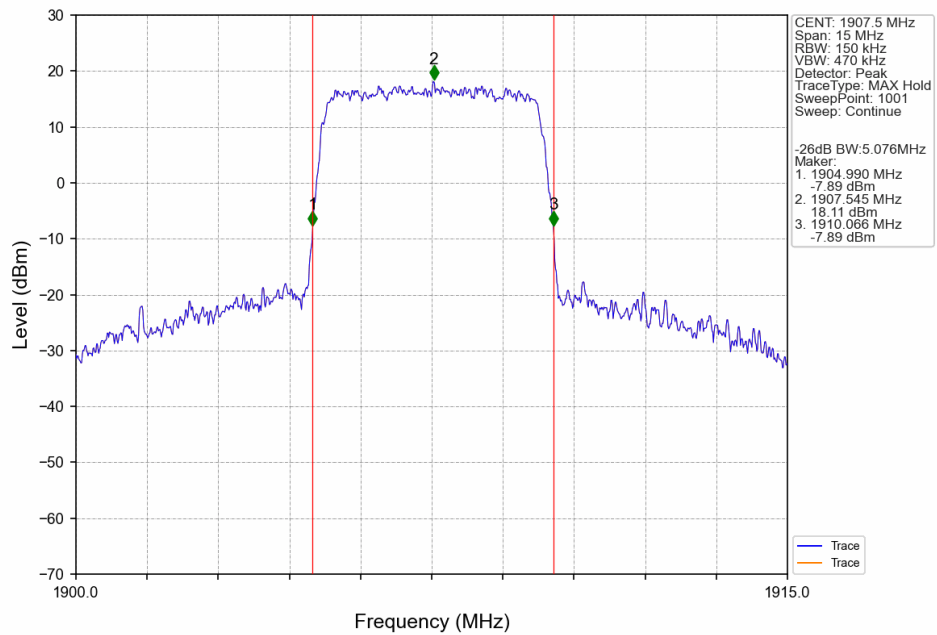
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



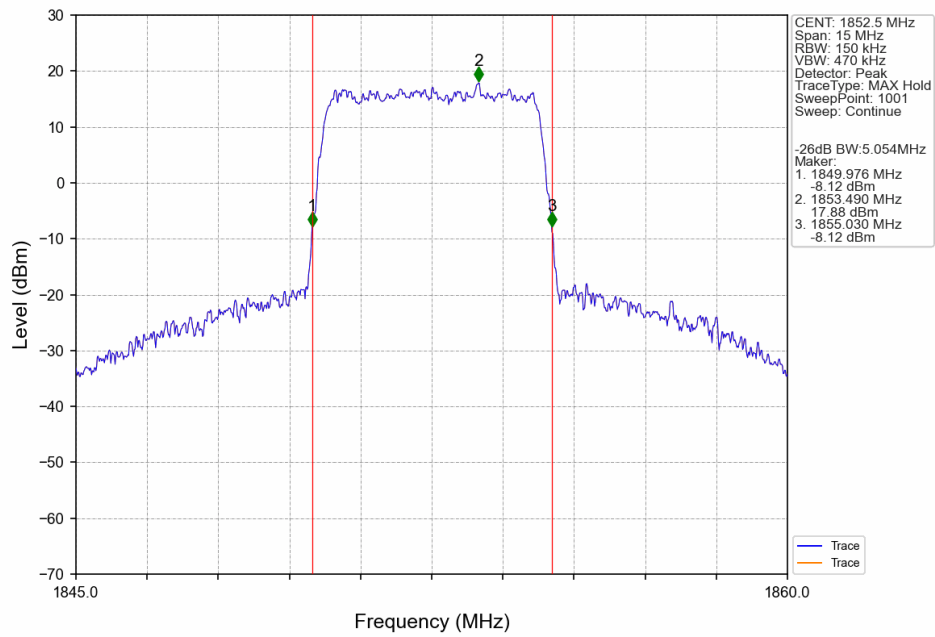
# Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN



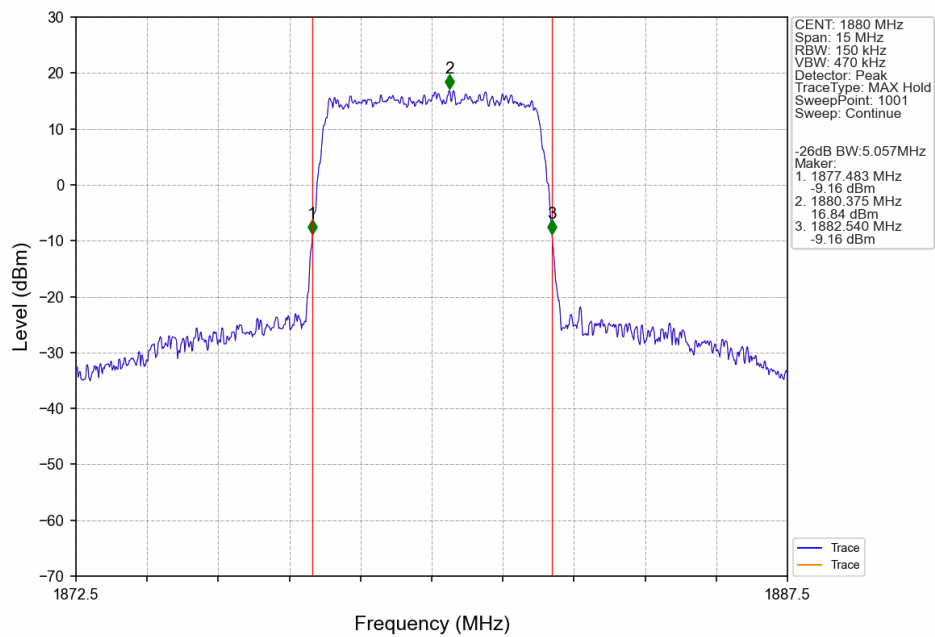
# Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0 NTN



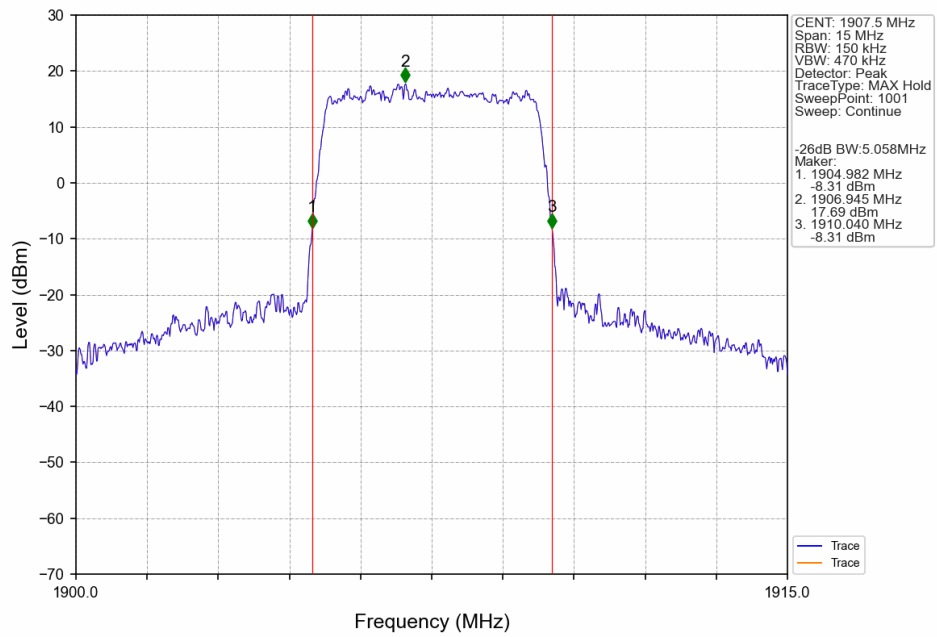
Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



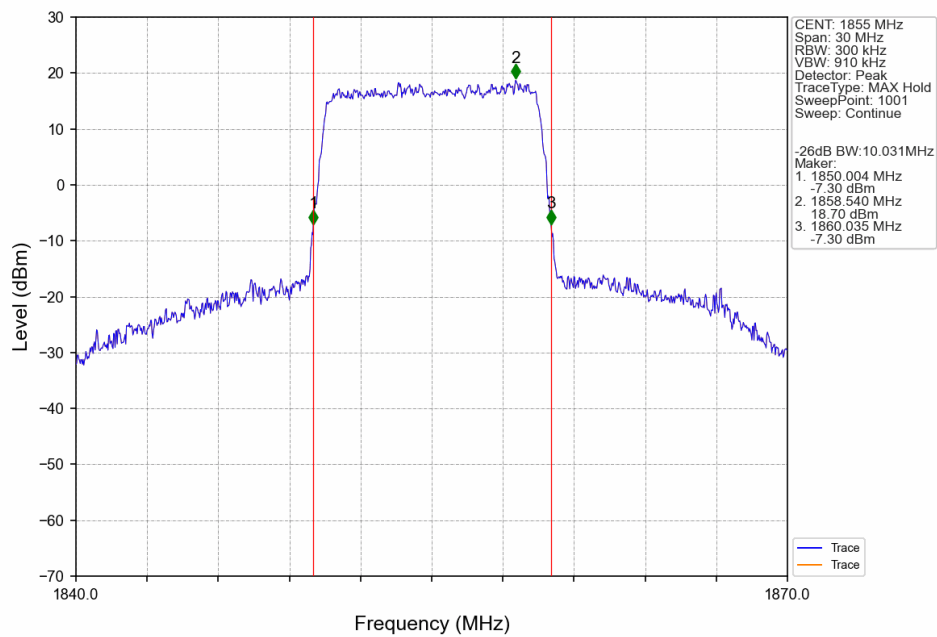
Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



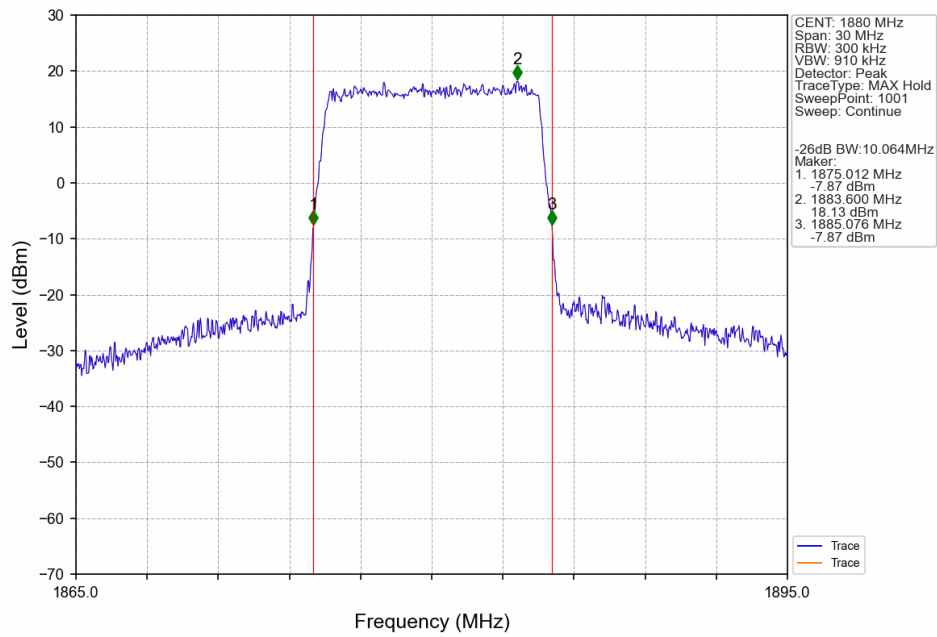
Band2 5MHz 64QAM HCH 1907.5MHz RB 25 0 NTNV



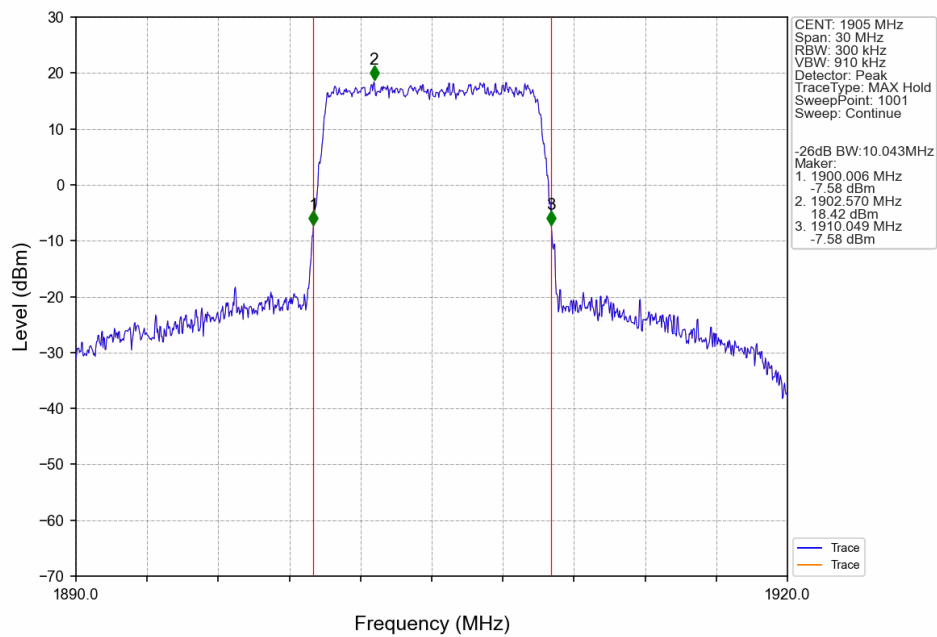
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



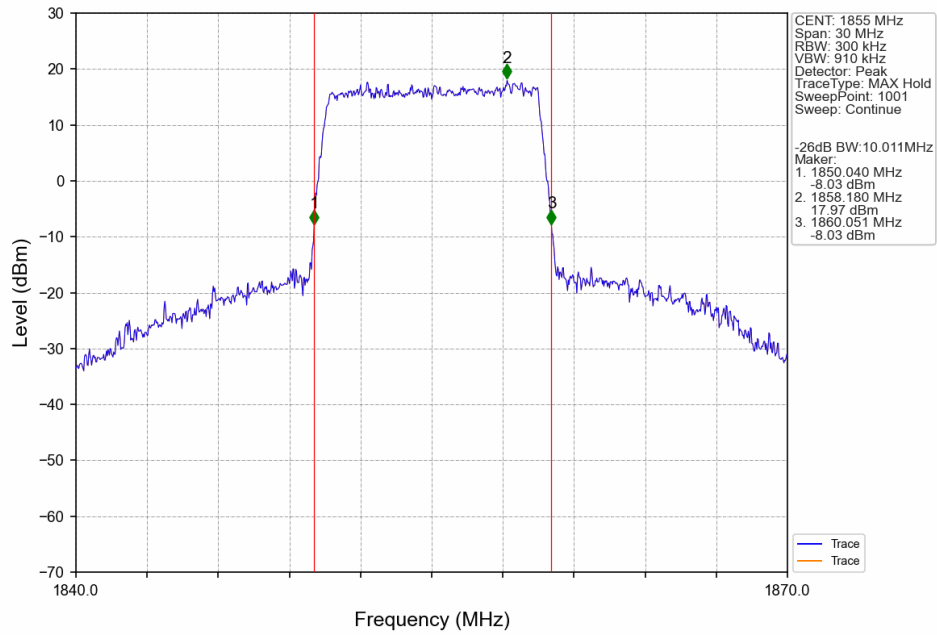
# Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



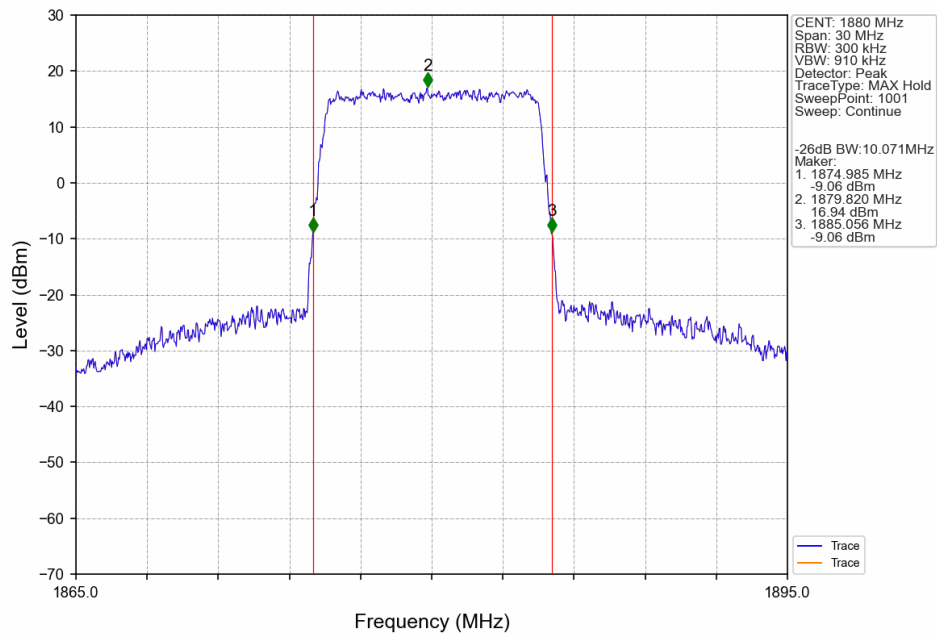
# Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



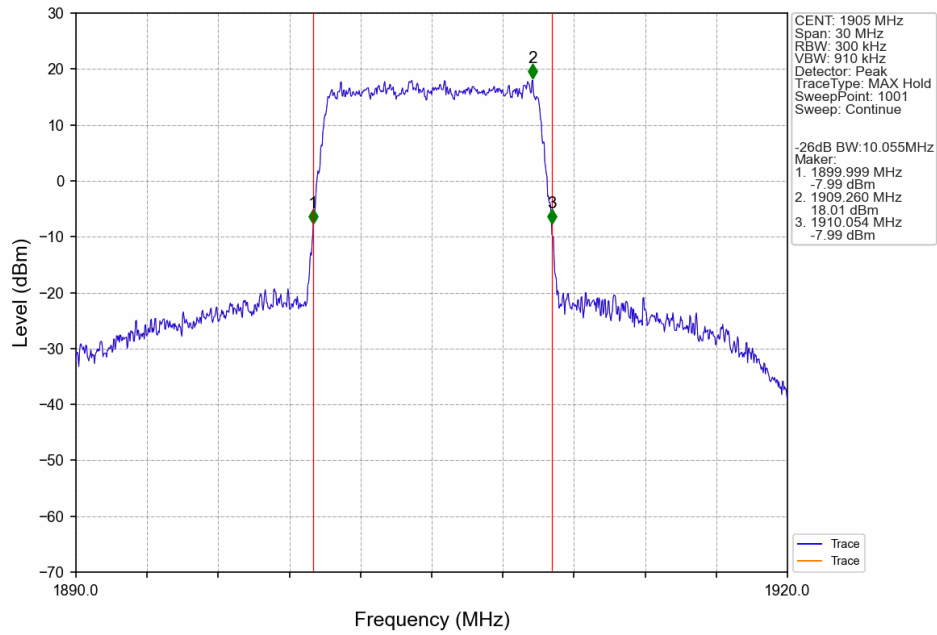
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



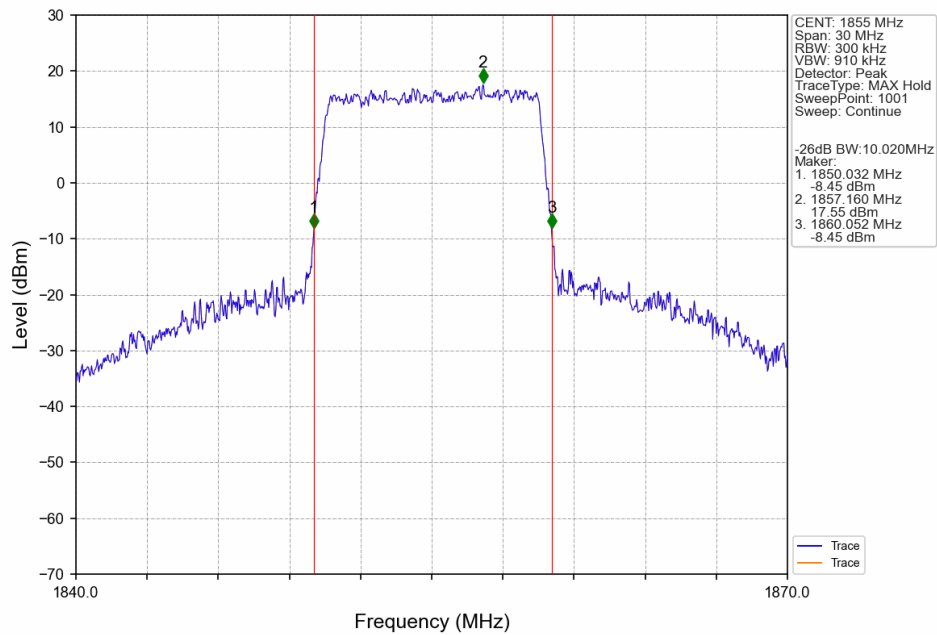
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

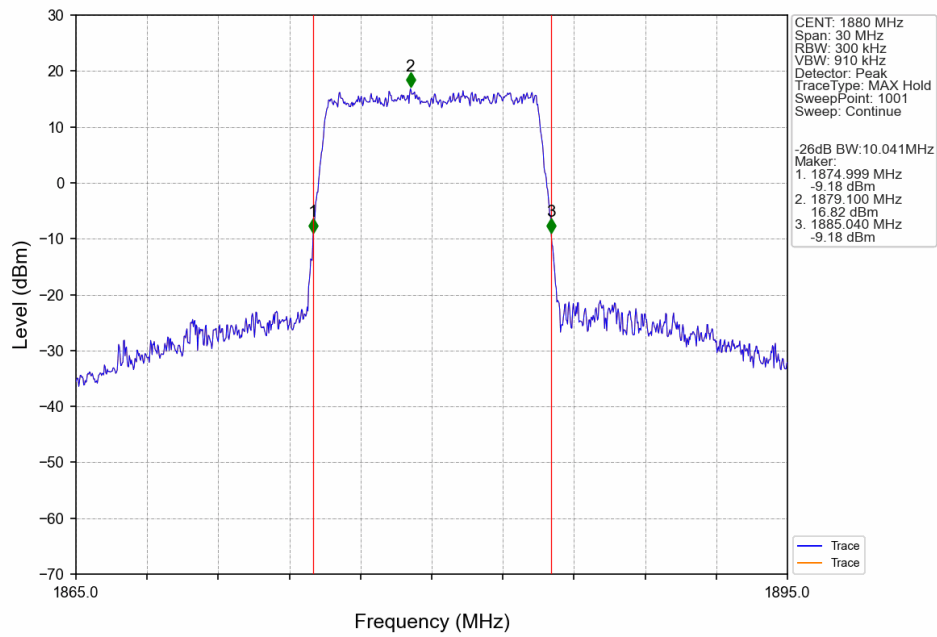


Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

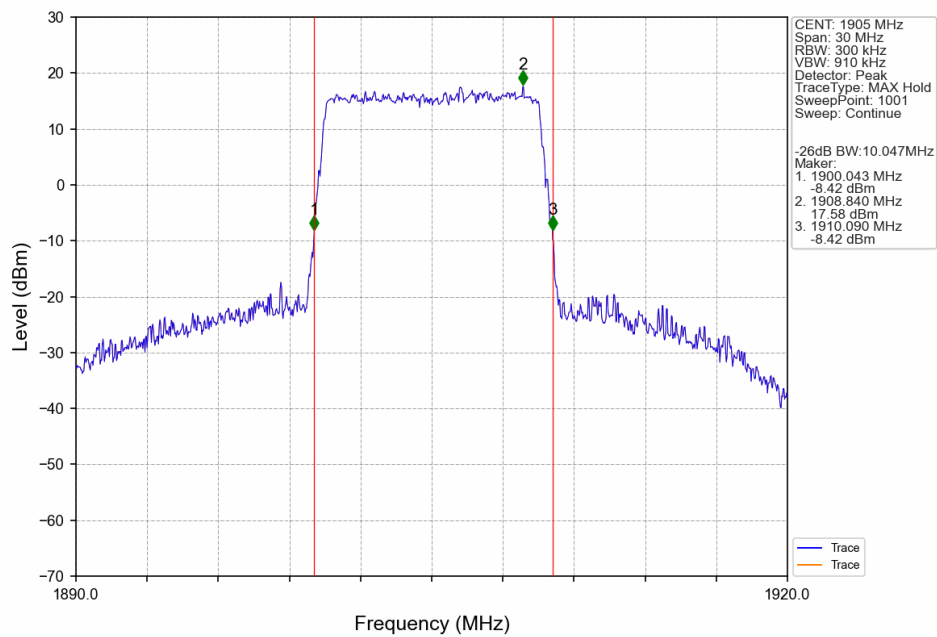




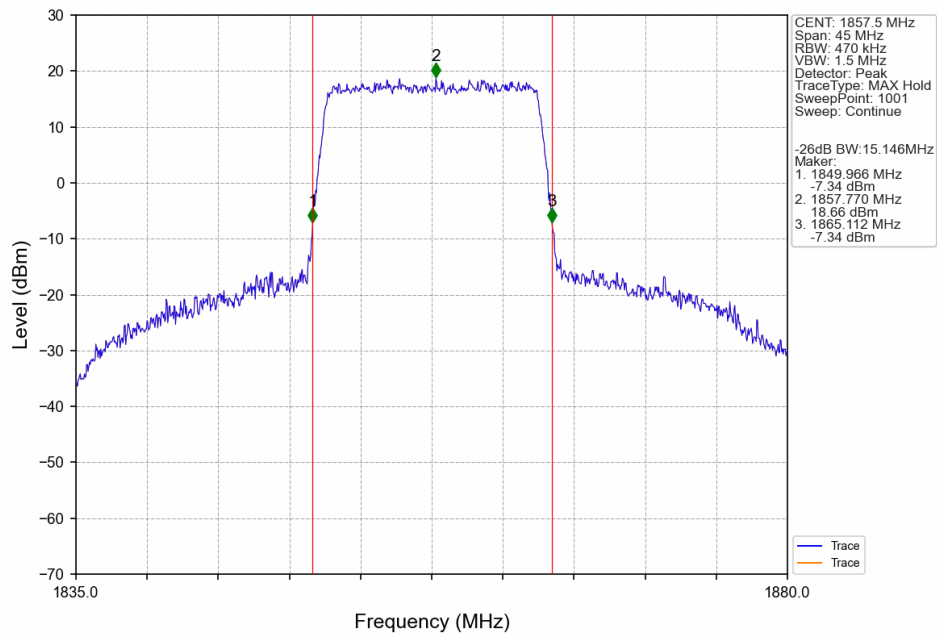
Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



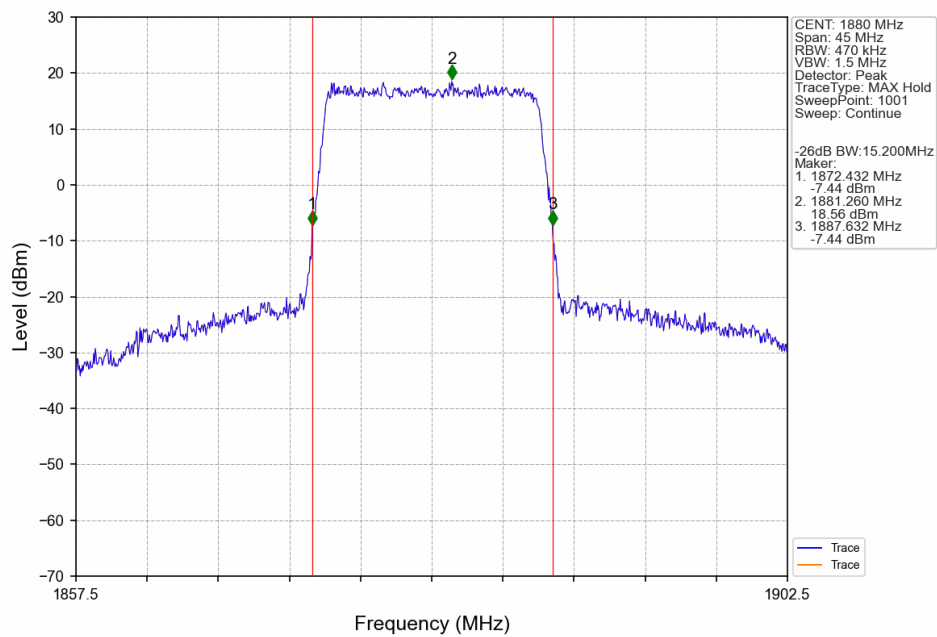
Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



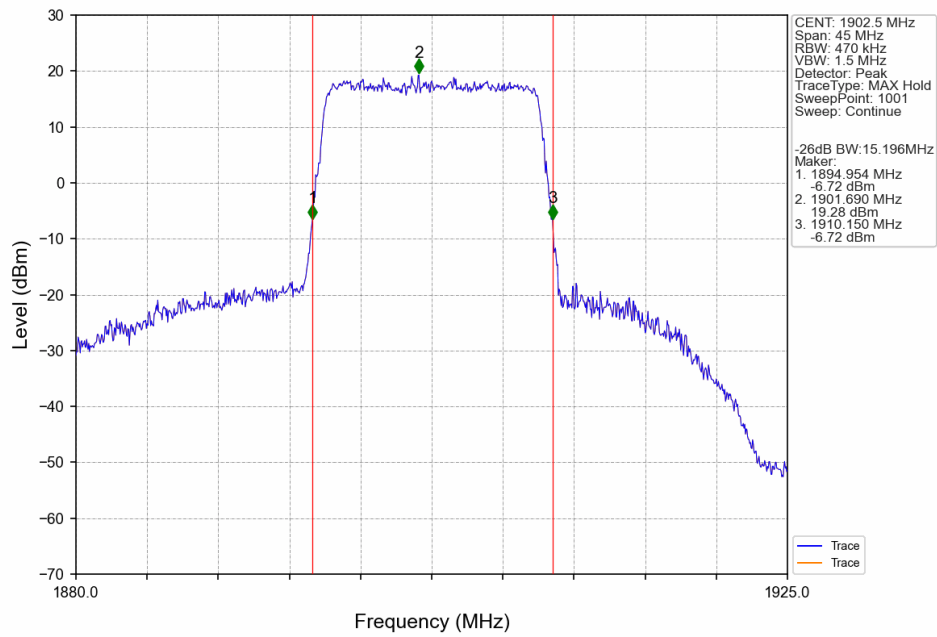
# Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



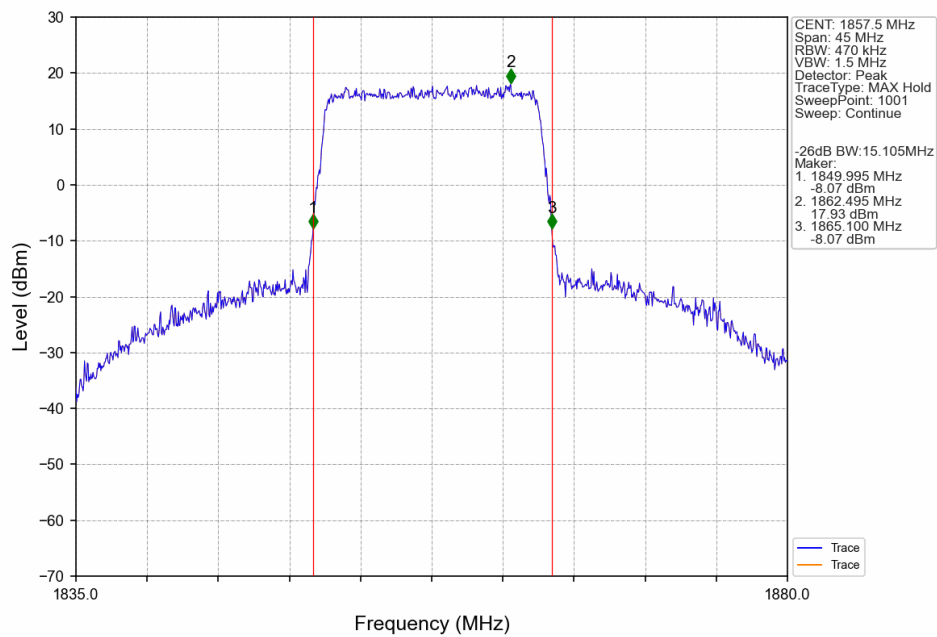
# Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



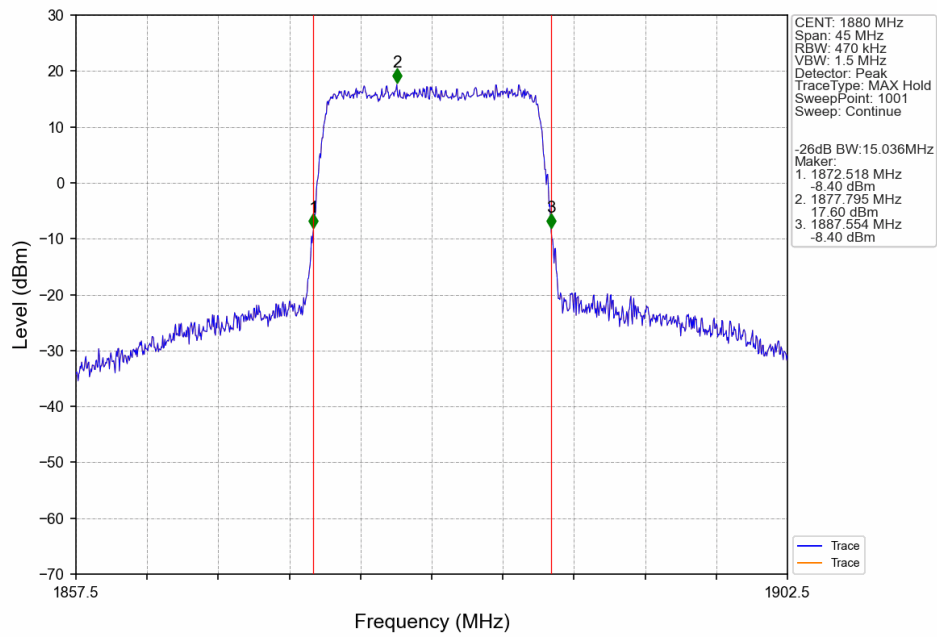
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



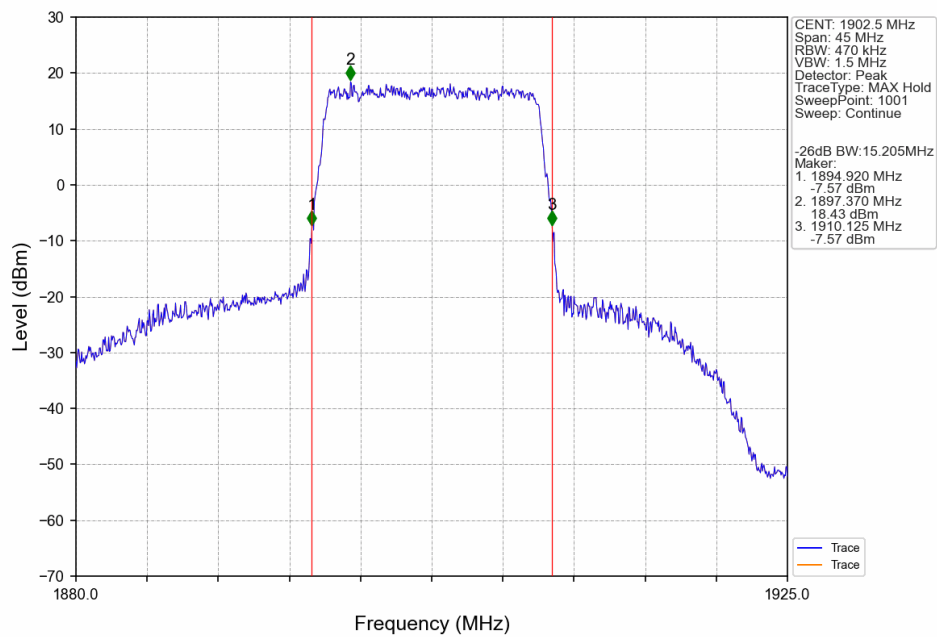
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



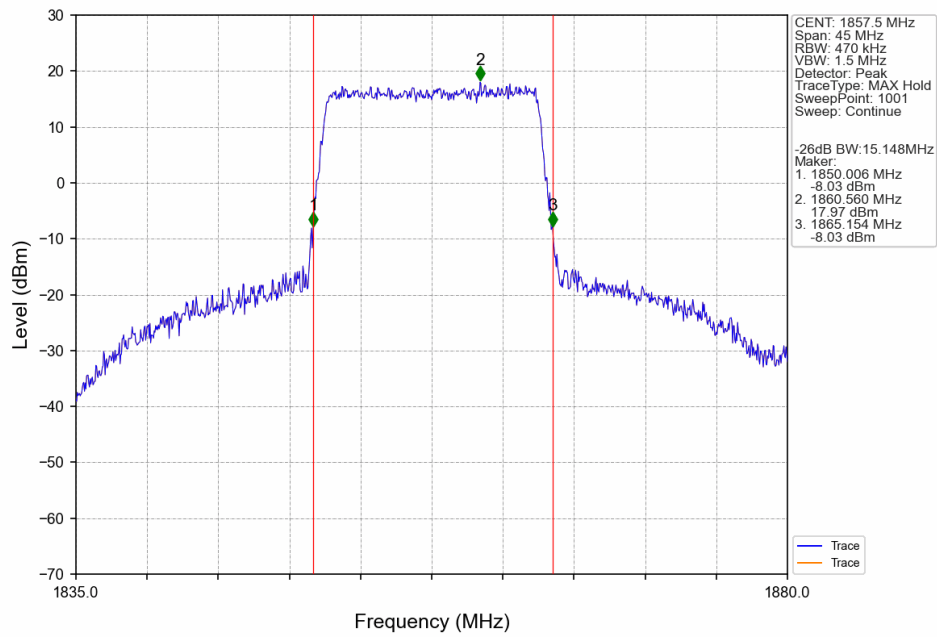
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



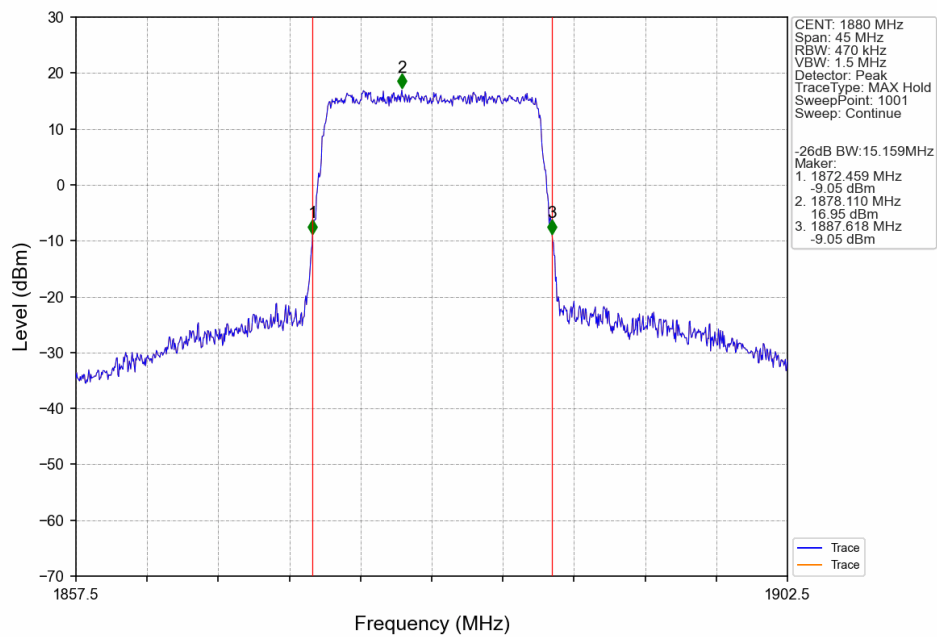
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



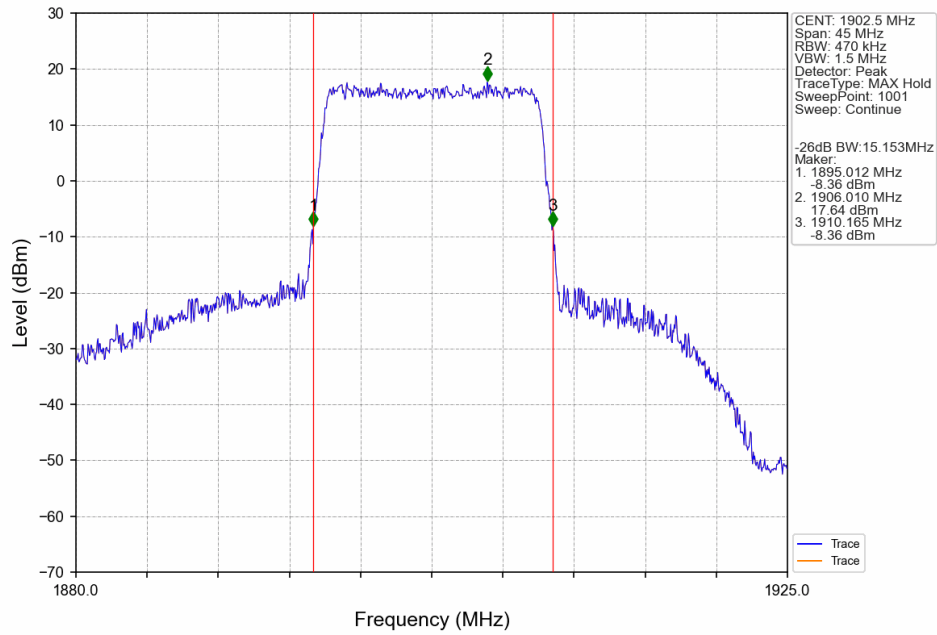
Band2 15MHz 64QAM LCH 1857.5MHz RB 75 0 NTNV



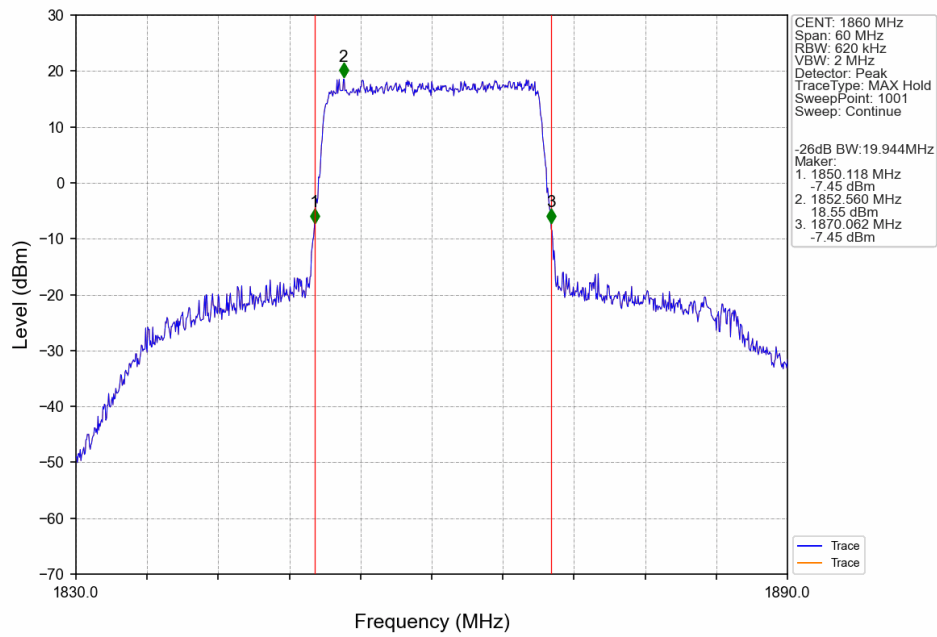
Band2 15MHz 64QAM MCH 1880MHz RB 75 0 NTNV



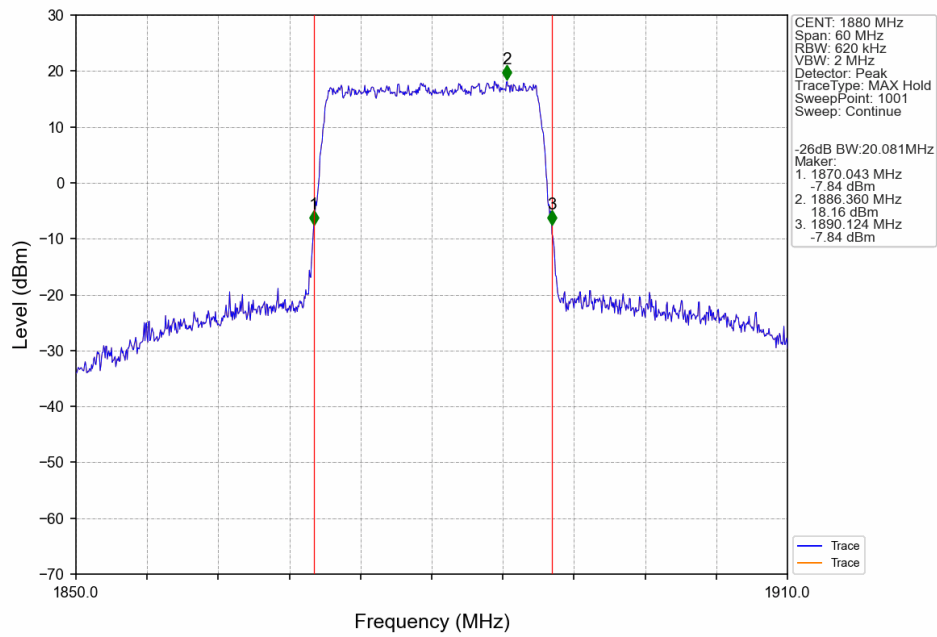
Band2 15MHz 64QAM HCH 1902.5MHz RB 75 0 NTN



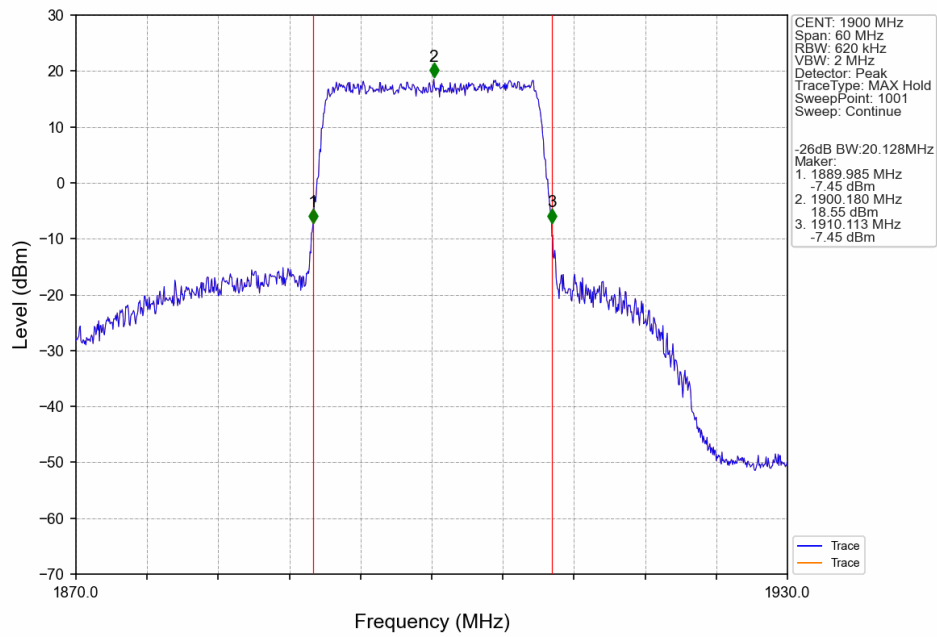
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTN



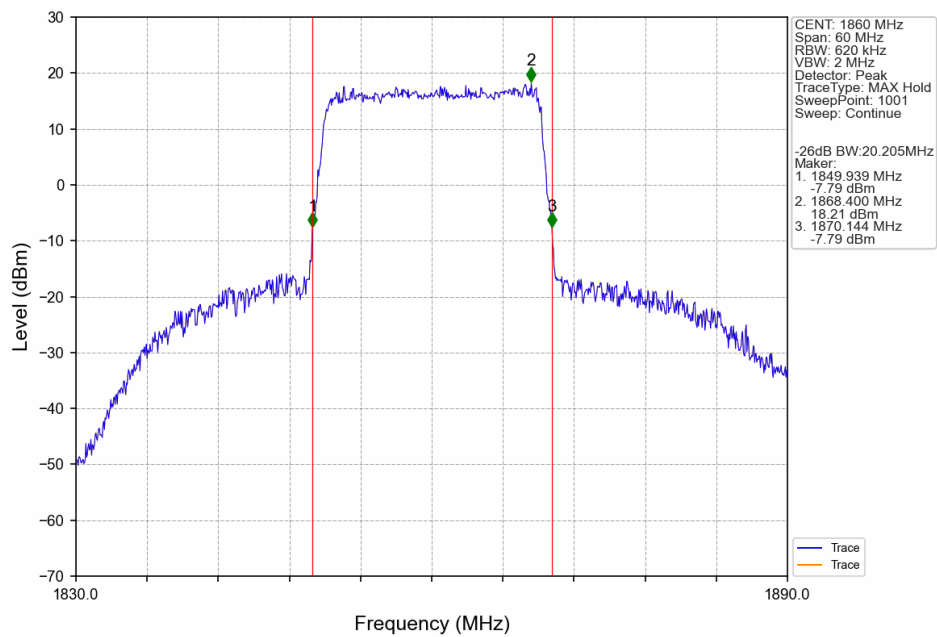
# Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



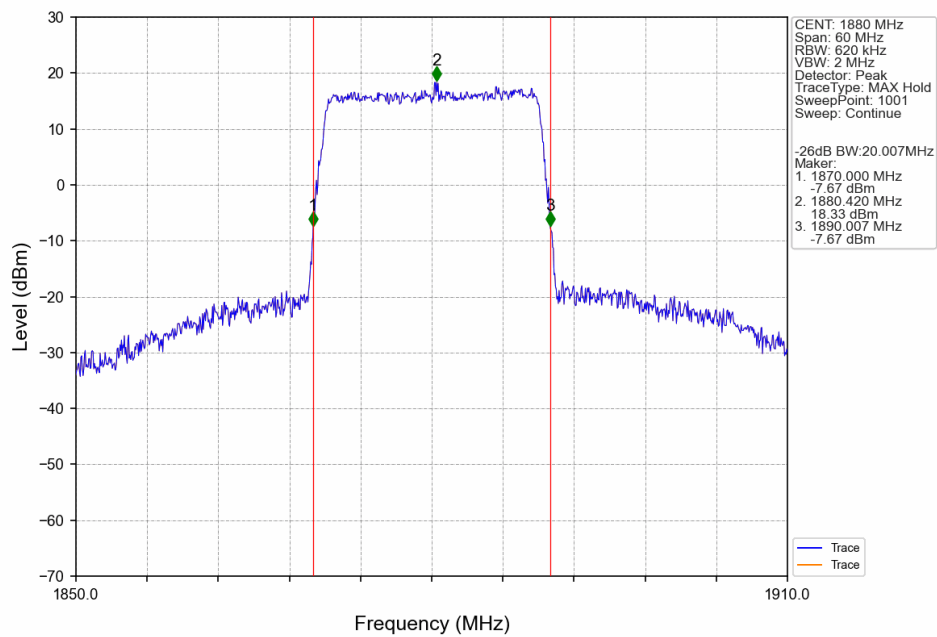
# Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

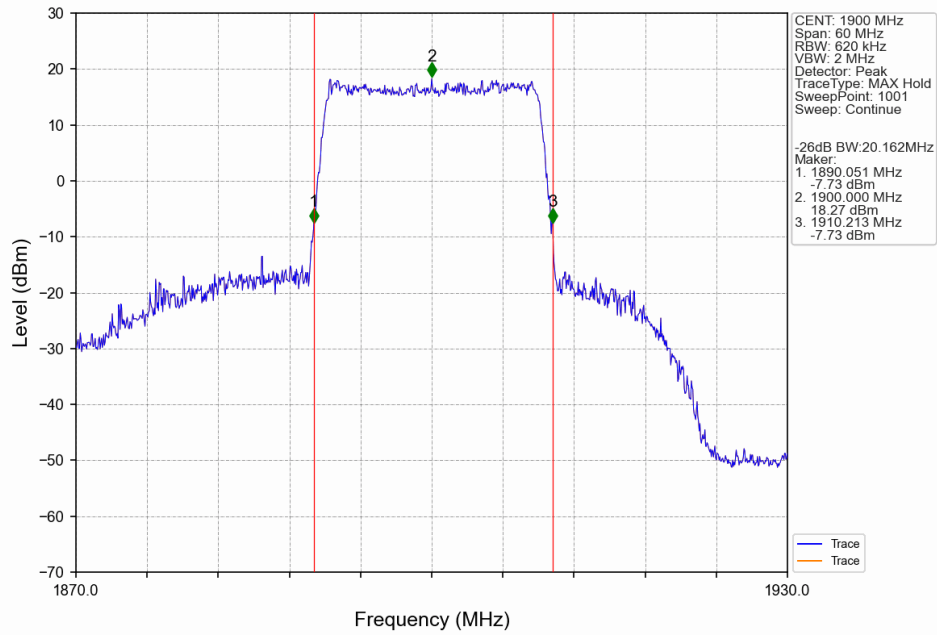


Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV

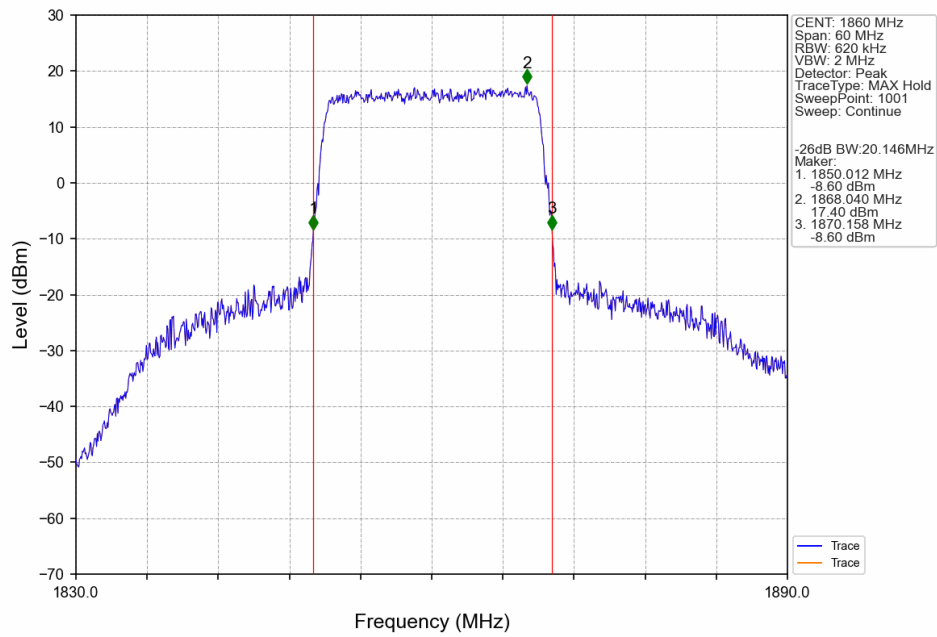




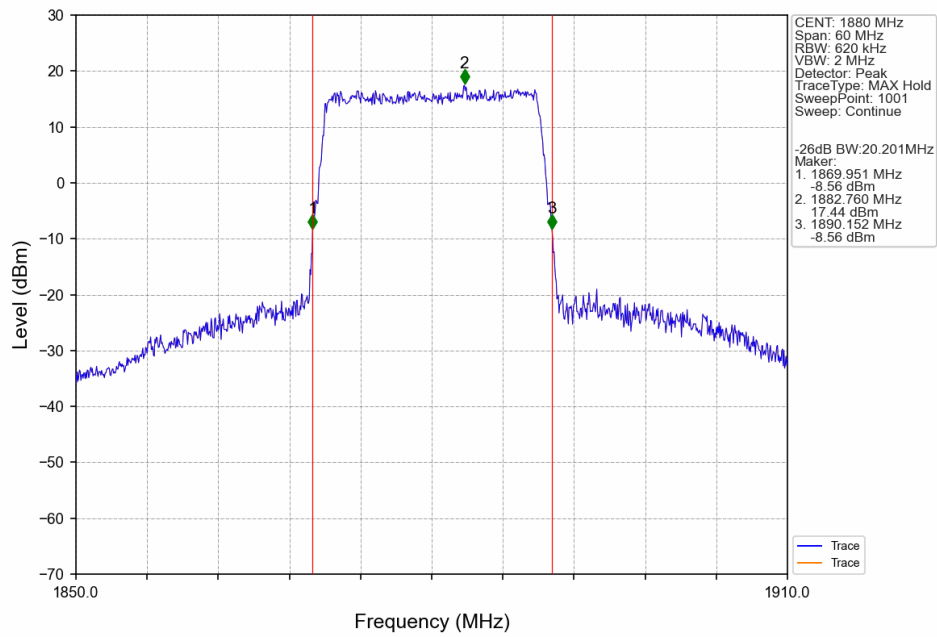
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



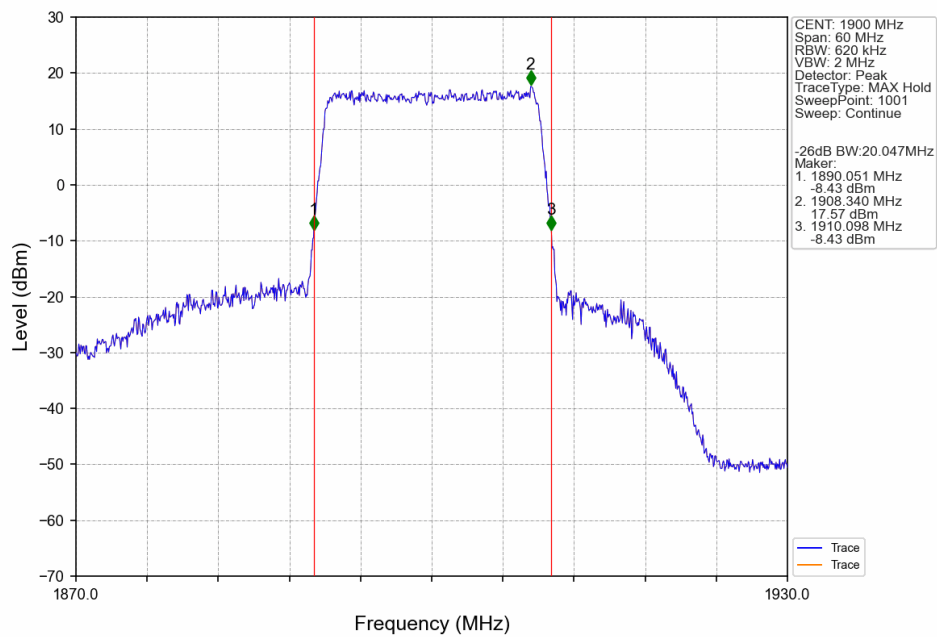
Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2 20MHz 64QAM MCH 1880MHz RB 100 0 NTN



Band2 20MHz 64QAM HCH 1900MHz RB 100 0 NTN



## 4. Peak-Average Ratio

### 4.1 Test Result

#### 4.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1850.7          | 6             | 0      | 5.03                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 5.33                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 5.18                    | <=13  | Pass    |
| 16QAM                              | 1850.7          | 6             | 0      | 5.78                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 6.17                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 5.95                    | <=13  | Pass    |
| 64QAM                              | 1850.7          | 6             | 0      | 6.04                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 6.21                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 6.15                    | <=13  | Pass    |

#### 4.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1851.5          | 15            | 0      | 5.10                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 5.47                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 5.43                    | <=13  | Pass    |
| 16QAM                            | 1851.5          | 15            | 0      | 5.87                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 6.26                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 6.15                    | <=13  | Pass    |
| 64QAM                            | 1851.5          | 15            | 0      | 6.10                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 6.51                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 6.38                    | <=13  | Pass    |

#### 4.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1852.5          | 25            | 0      | 5.27                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 5.56                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 5.47                    | <=13  | Pass    |
| 16QAM                            | 1852.5          | 25            | 0      | 5.92                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 6.25                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 6.22                    | <=13  | Pass    |
| 64QAM                            | 1852.5          | 25            | 0      | 6.12                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 6.46                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 6.43                    | <=13  | Pass    |

#### 4.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1855            | 50            | 0      | 5.24                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 5.55                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 5.56                    | <=13  | Pass    |
| 16QAM                             | 1855            | 50            | 0      | 5.94                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 6.31                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 6.31                    | <=13  | Pass    |
| 64QAM                             | 1855            | 50            | 0      | 6.17                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 6.53                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 6.51                    | <=13  | Pass    |

#### 4.1.5 B2\_15MHz

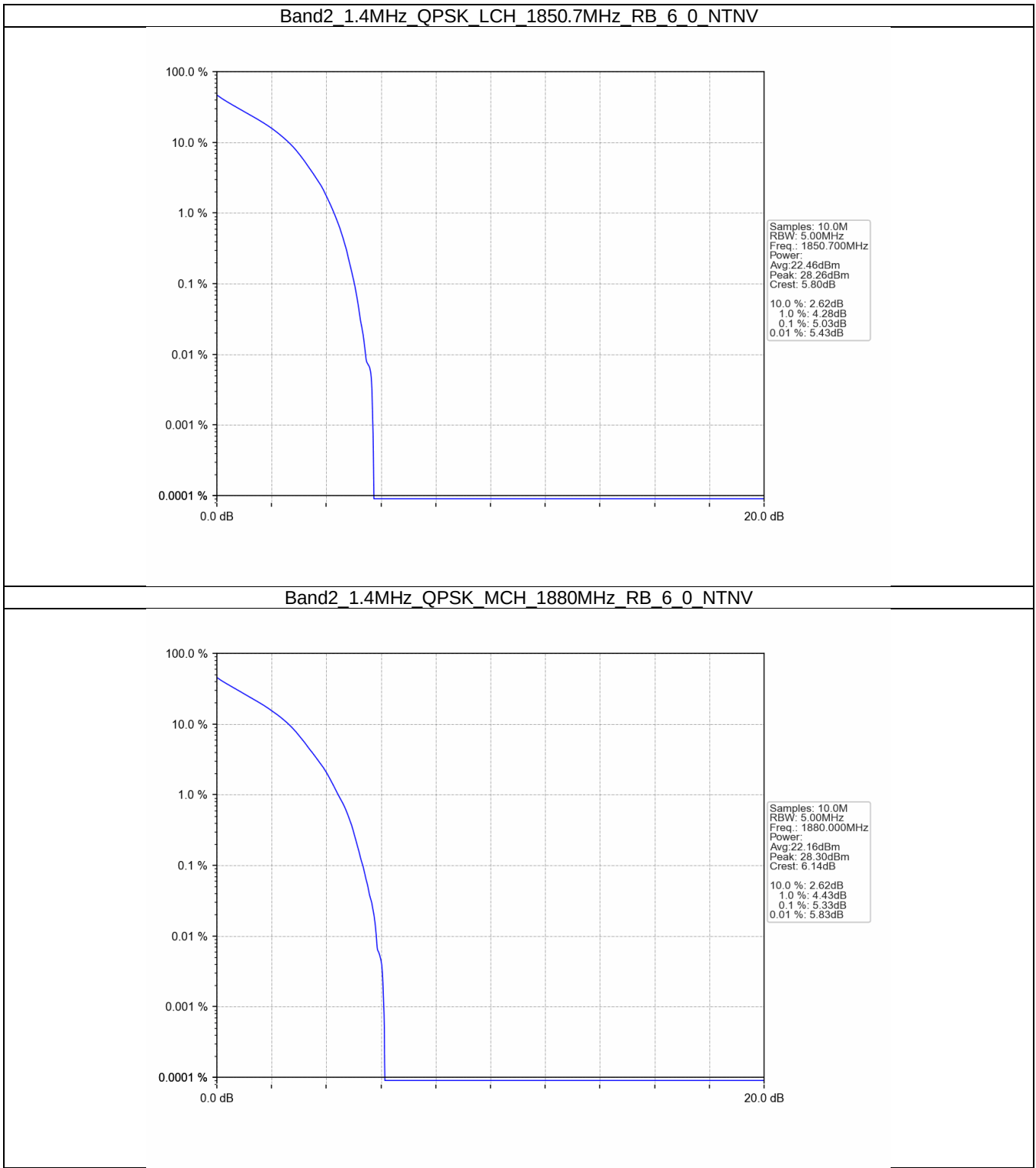
| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1857.5          | 75            | 0      | 5.59                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.83                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 5.84                    | <=13  | Pass    |
| 16QAM                             | 1857.5          | 75            | 0      | 6.08                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 6.32                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 6.30                    | <=13  | Pass    |
| 64QAM                             | 1857.5          | 75            | 0      | 6.18                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 6.47                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 6.55                    | <=13  | Pass    |

#### 4.1.6 B2\_20MHz

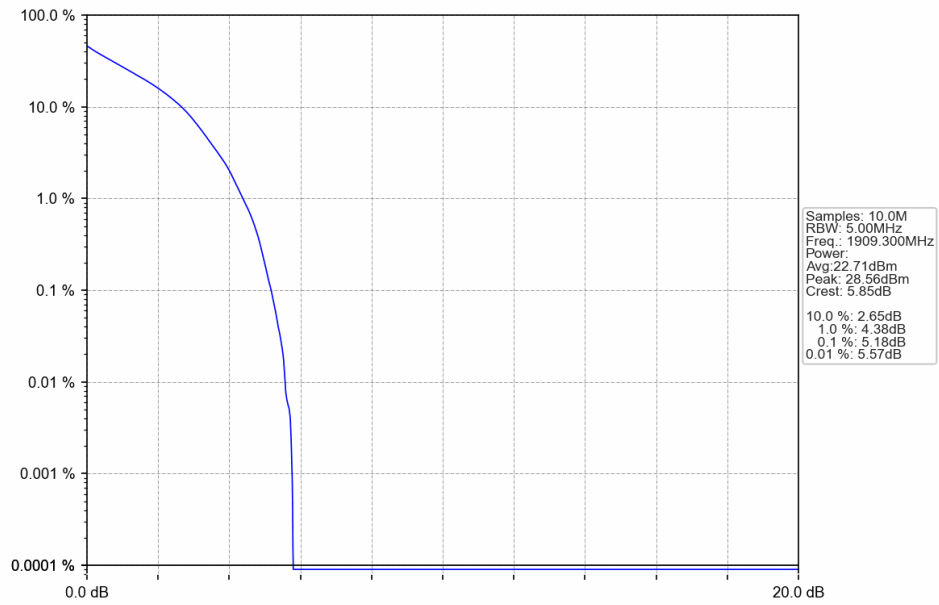
| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1860            | 100           | 0      | 5.47                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 5.61                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 5.56                    | <=13  | Pass    |
| 16QAM                             | 1860            | 100           | 0      | 6.19                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 6.30                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 6.28                    | <=13  | Pass    |
| 64QAM                             | 1860            | 100           | 0      | 6.43                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 6.51                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 6.51                    | <=13  | Pass    |

# 4.2 Test Graph

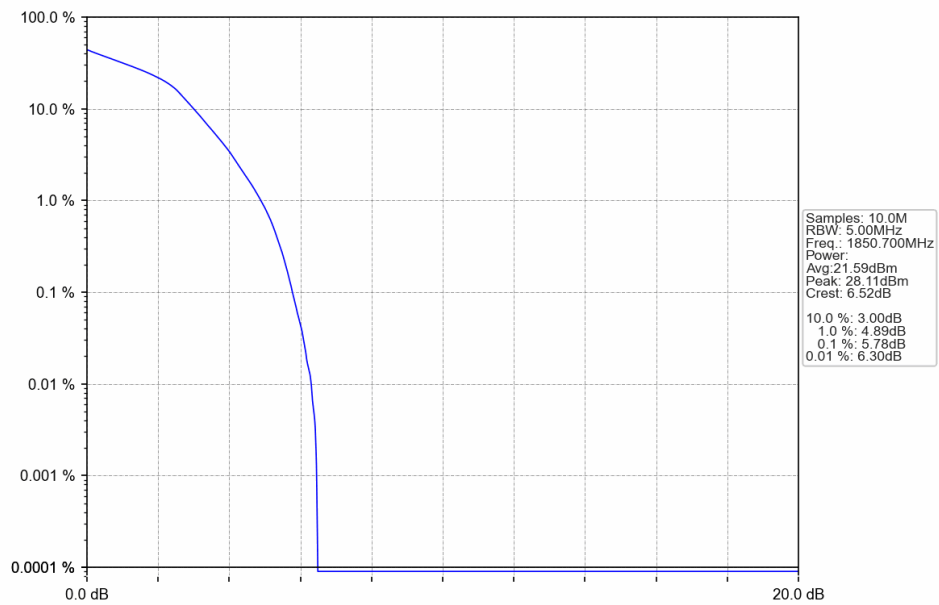
## 4.2.1 B2\_1.4MHz



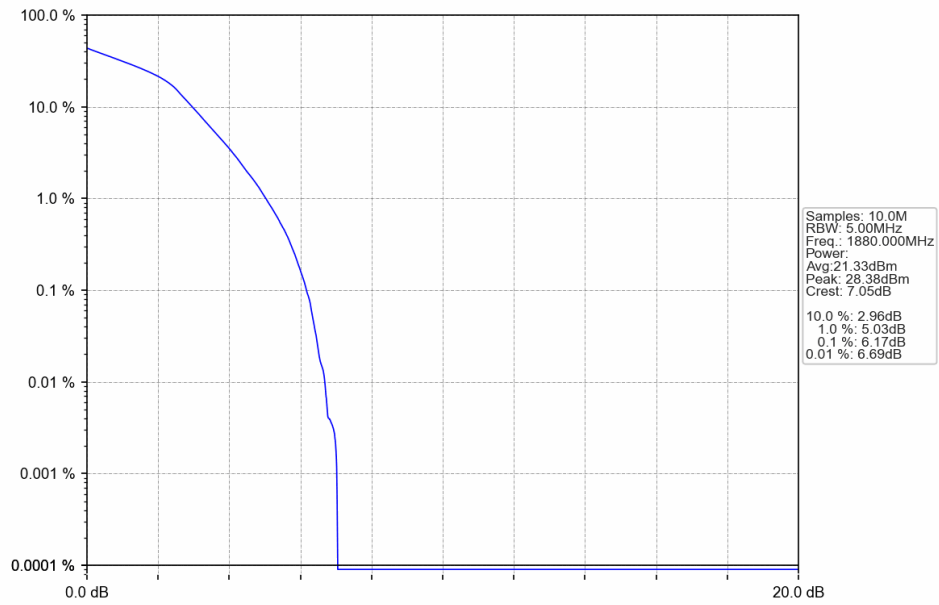
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



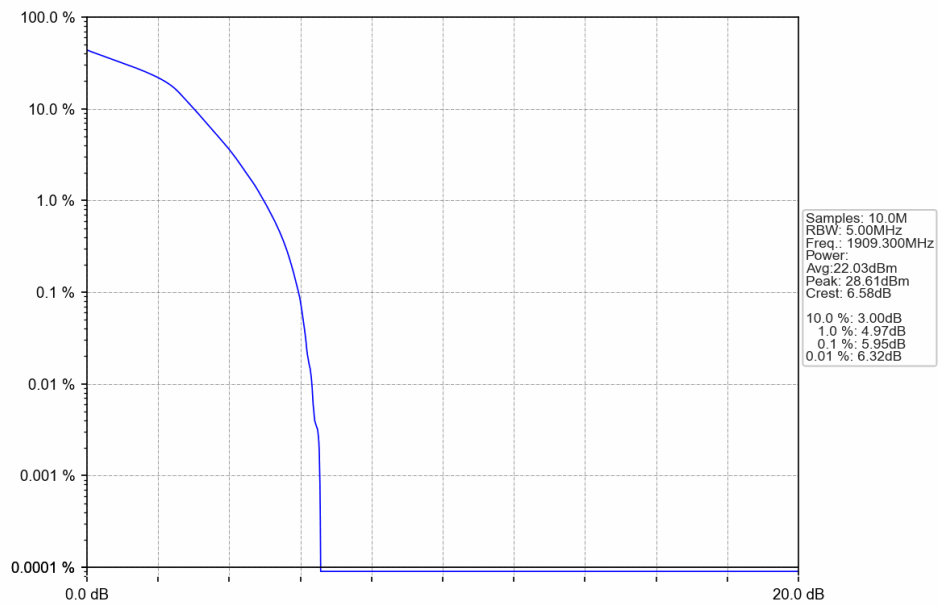
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



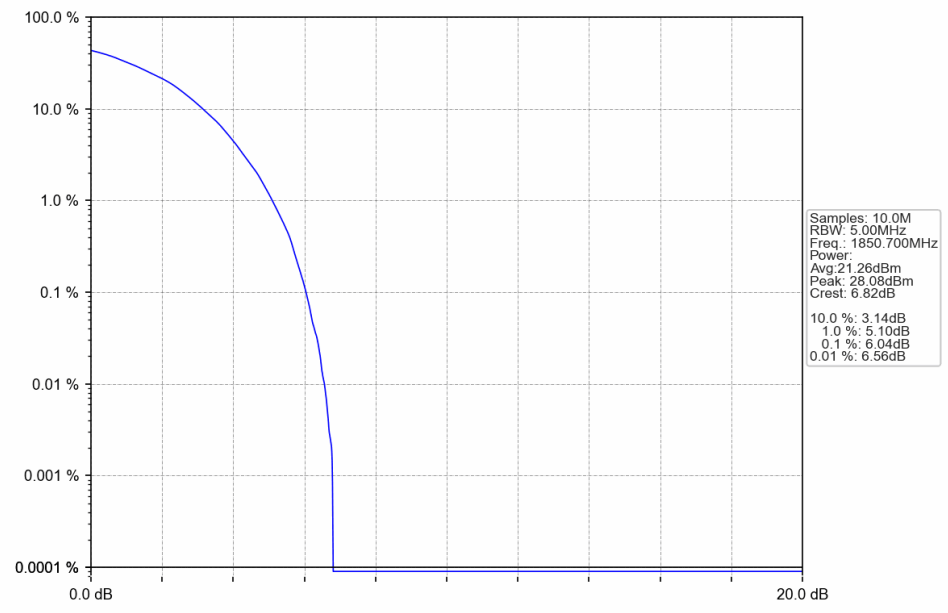
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



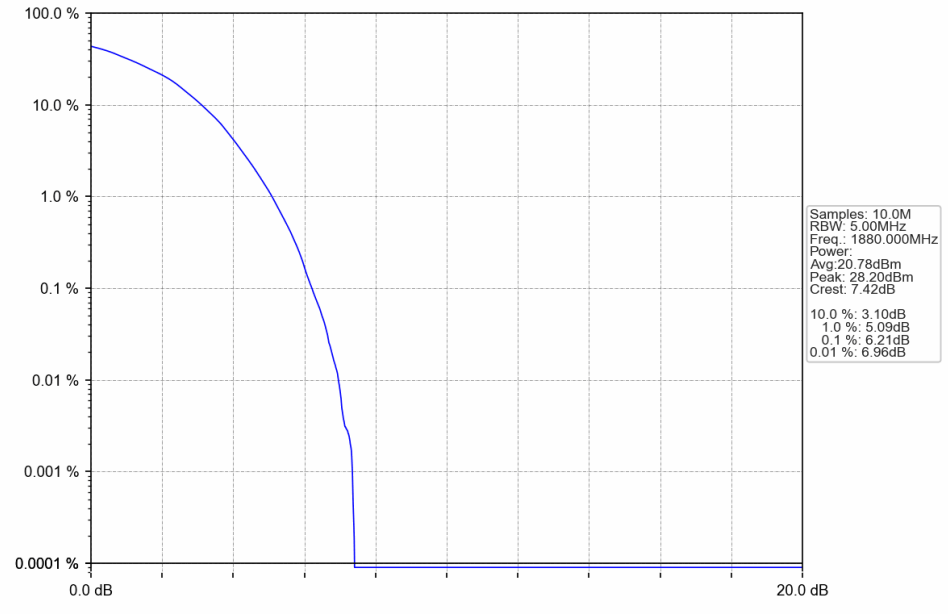
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



Band2 1.4MHz 64QAM LCH 1850.7MHz RB 6 0 NTNV

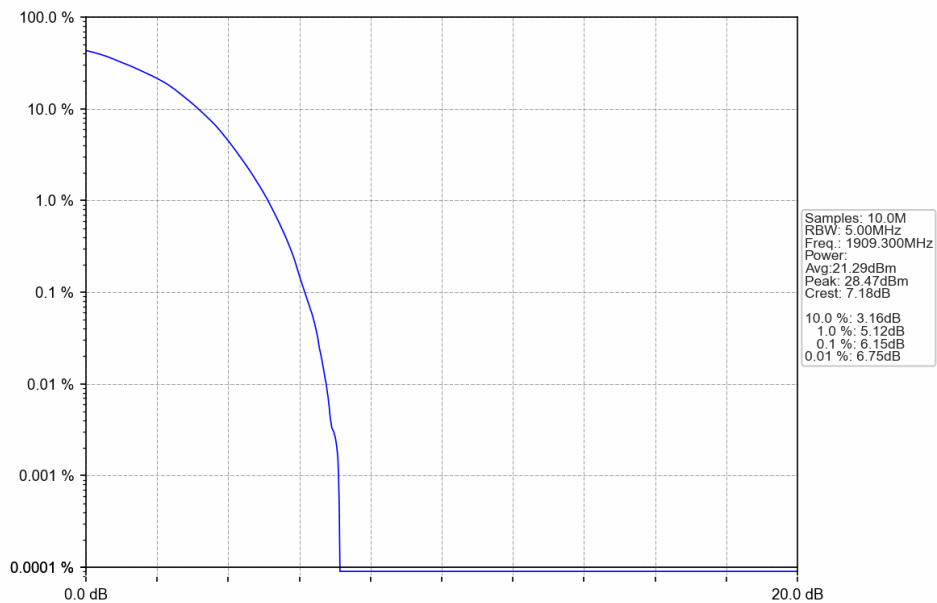


Band2 1.4MHz 64QAM MCH 1880MHz RB 6 0 NTNV

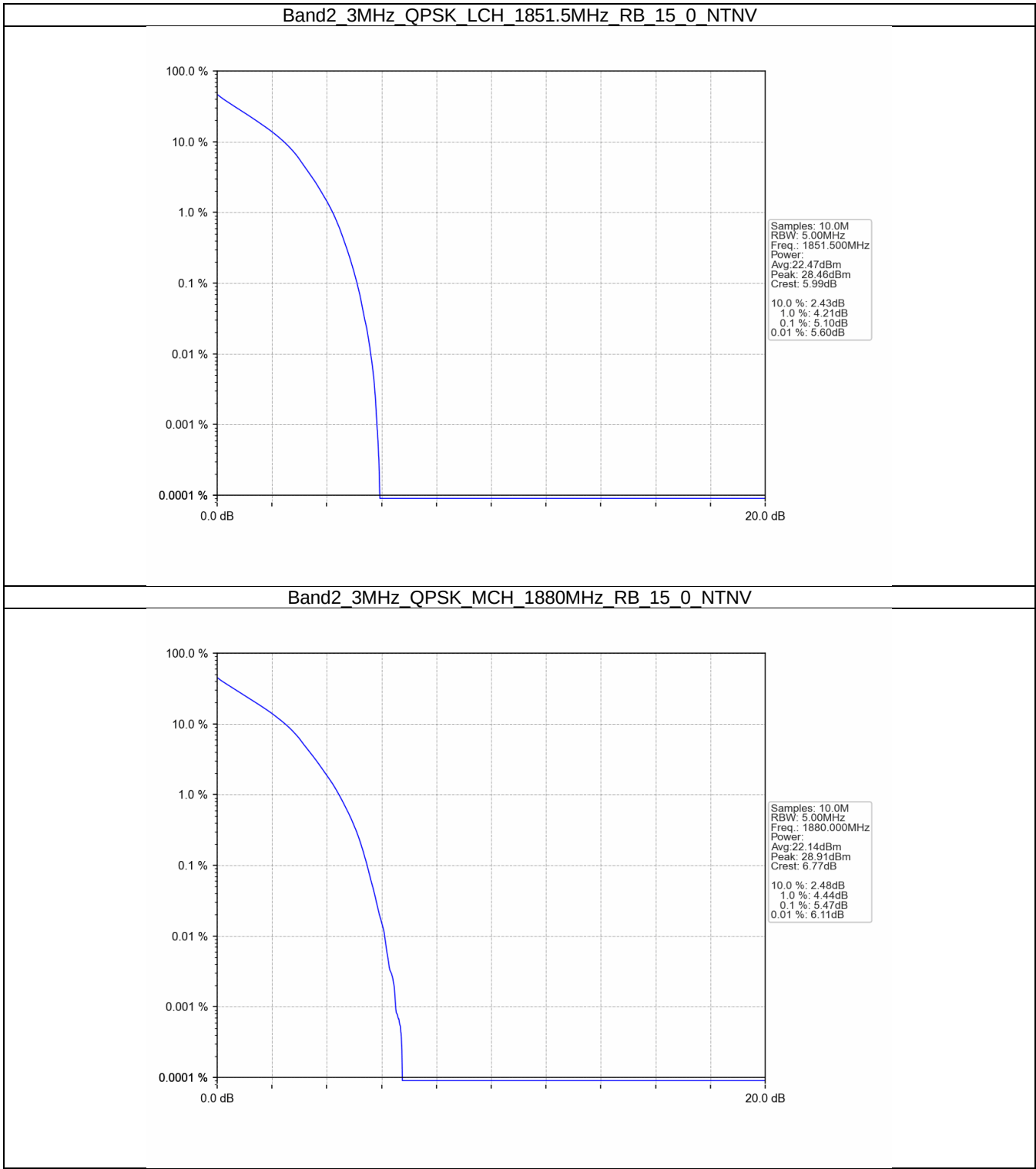




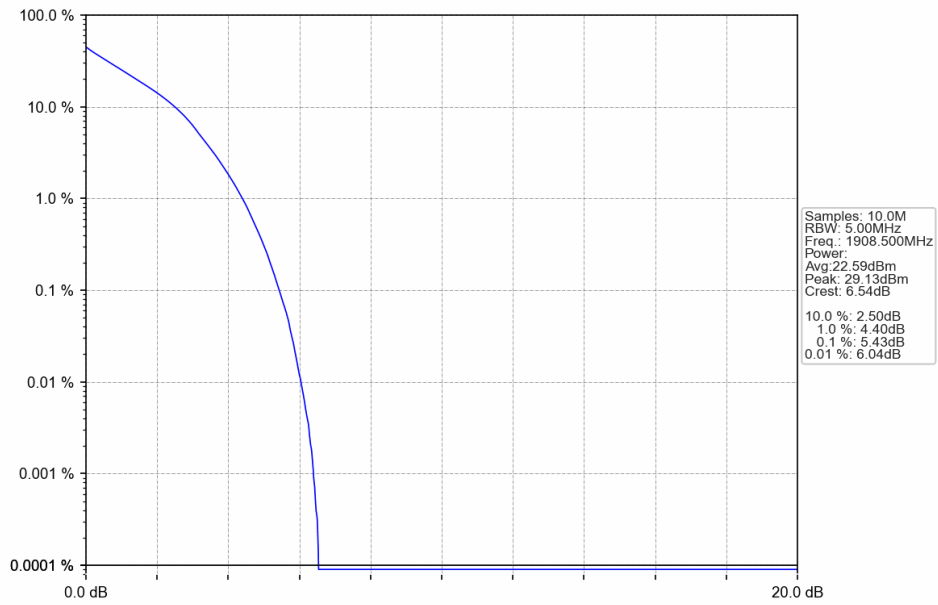
Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTNV



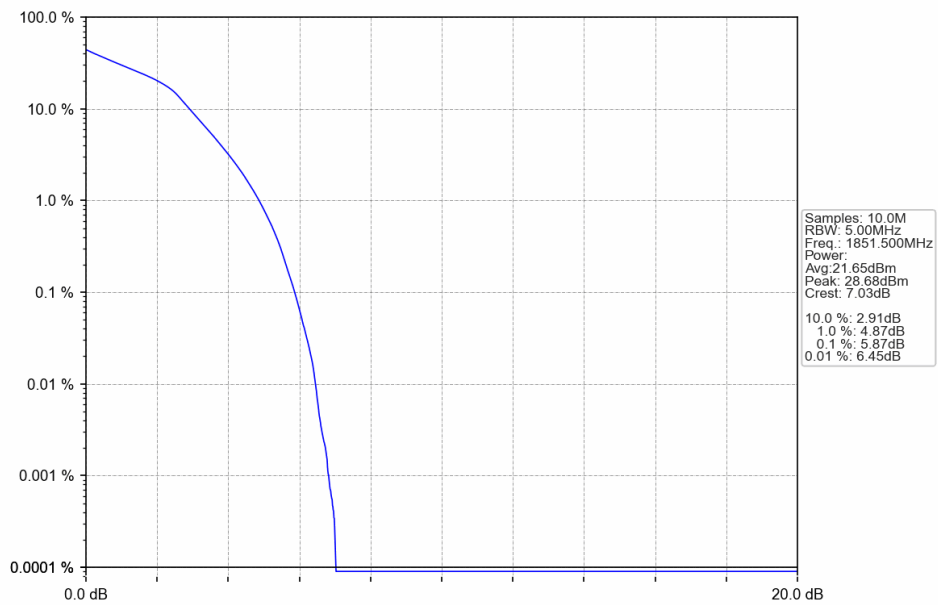
4.2.2 B2\_3MHz



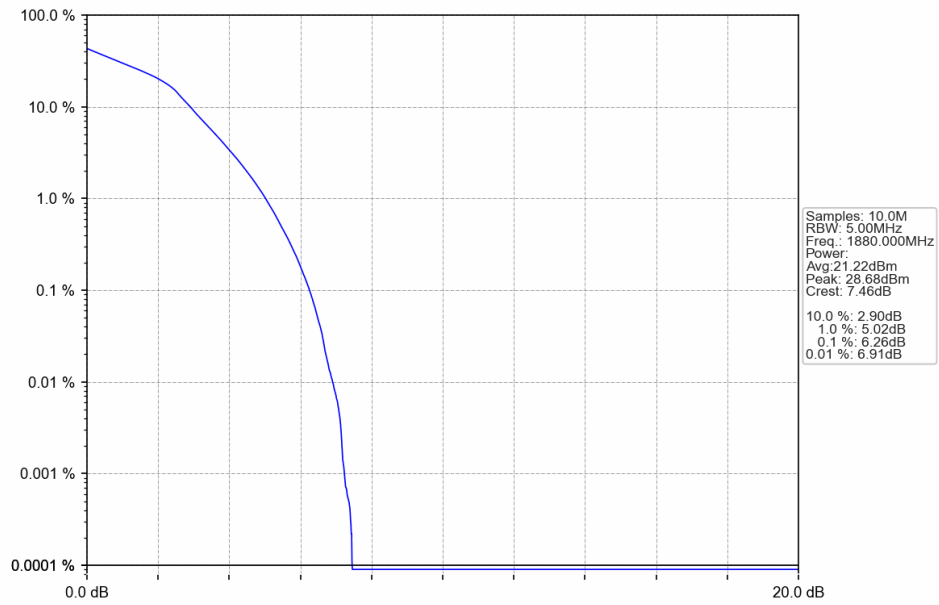
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



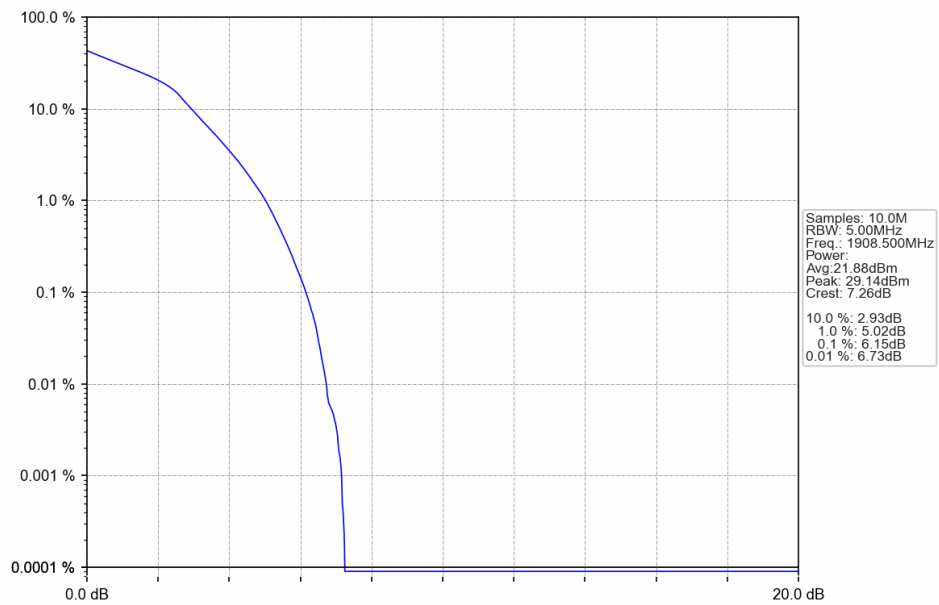
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



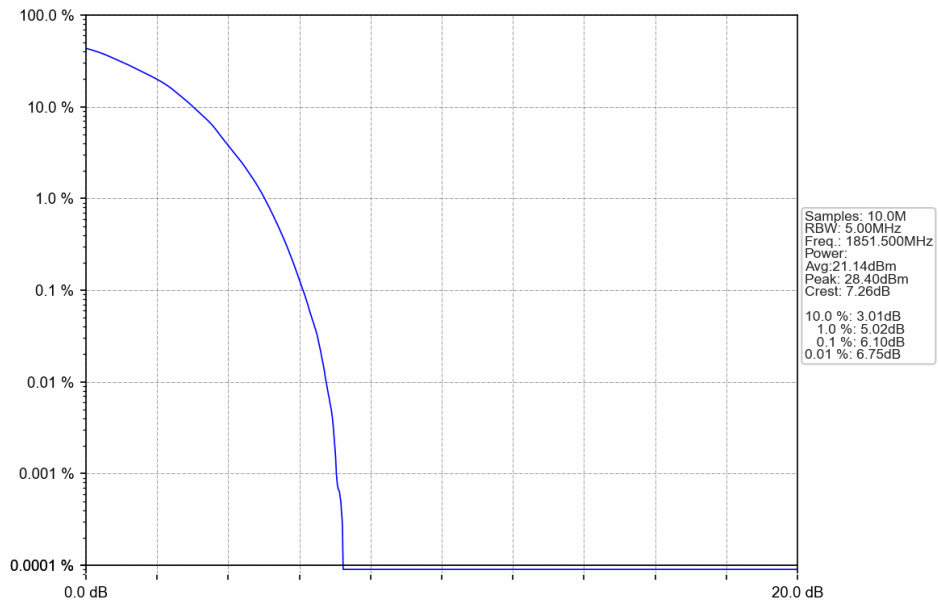
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



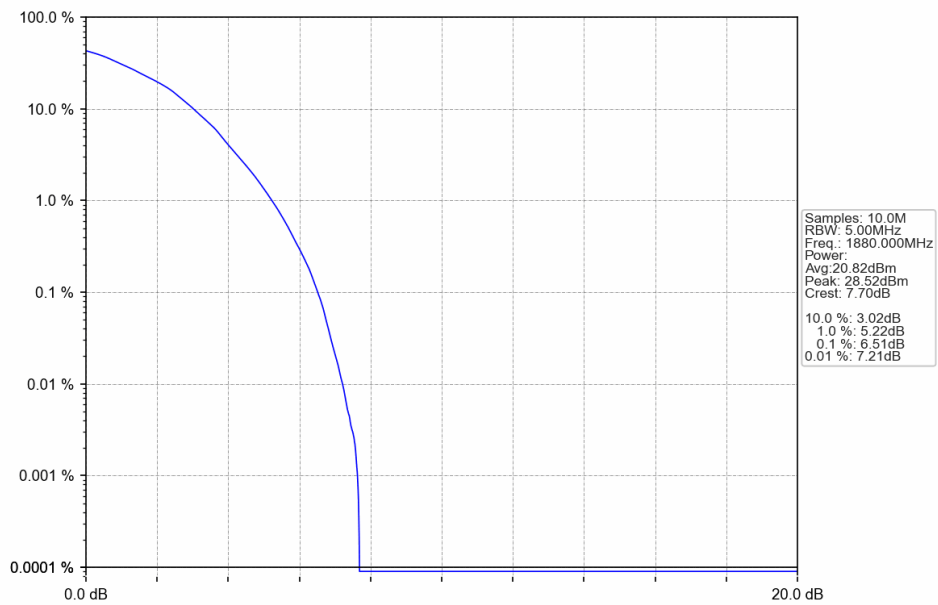
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



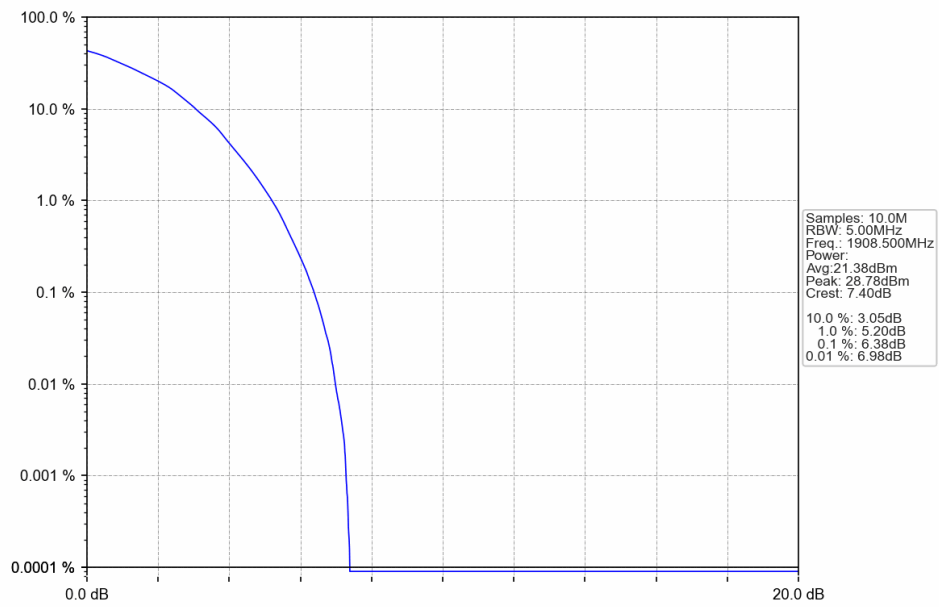
Band2 3MHz 64QAM LCH 1851.5MHz RB 15 0 NTNV



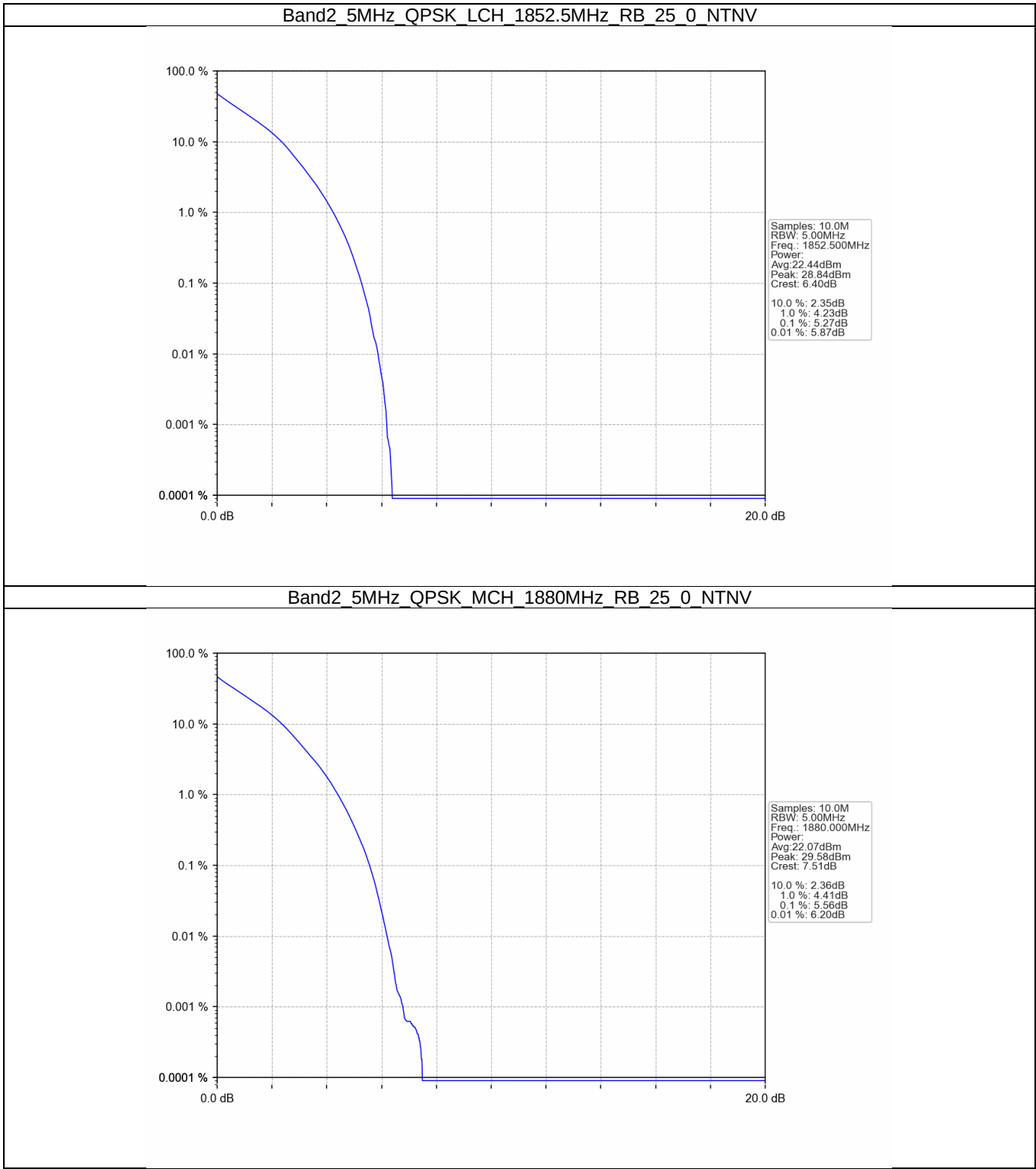
Band2 3MHz 64QAM MCH 1880MHz RB 15 0 NTNV



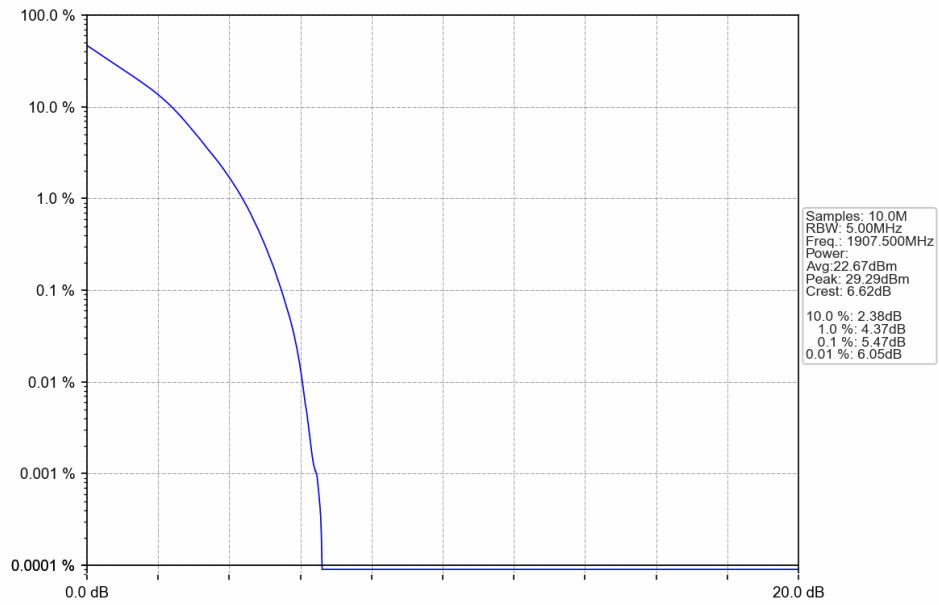
Band2 3MHz 64QAM HCH 1908.5MHz RB 15 0 NTNV



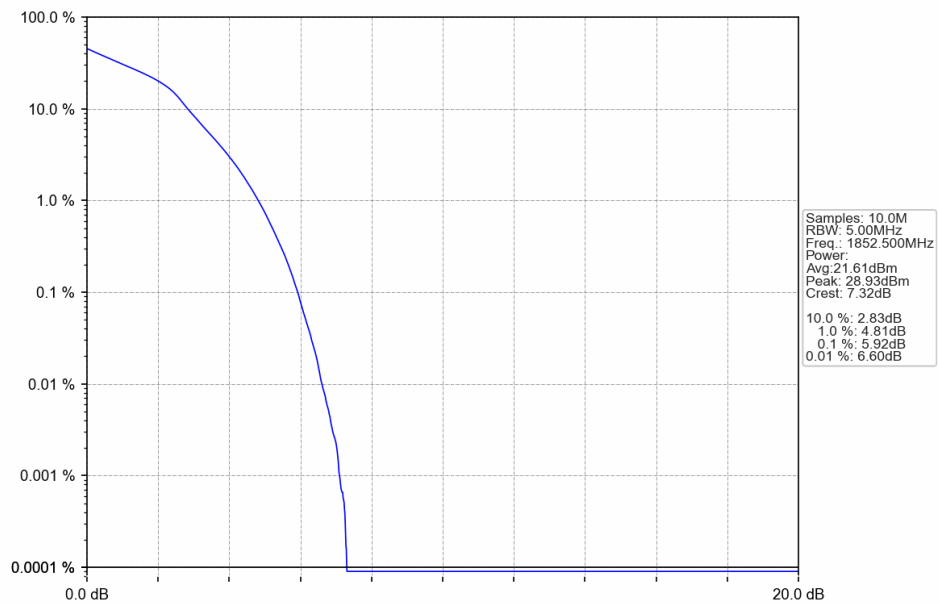
4.2.3 B2\_5MHz



Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV

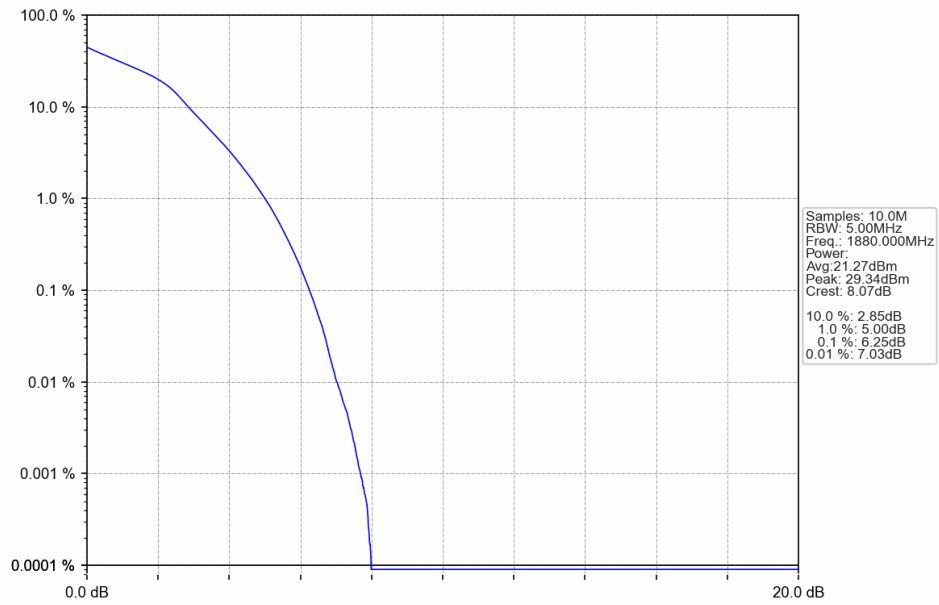


Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV

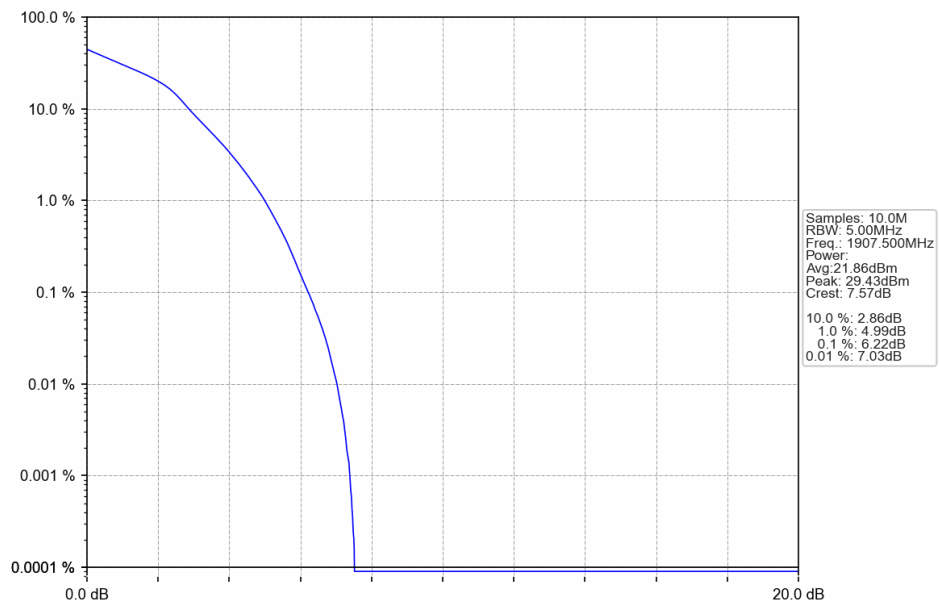




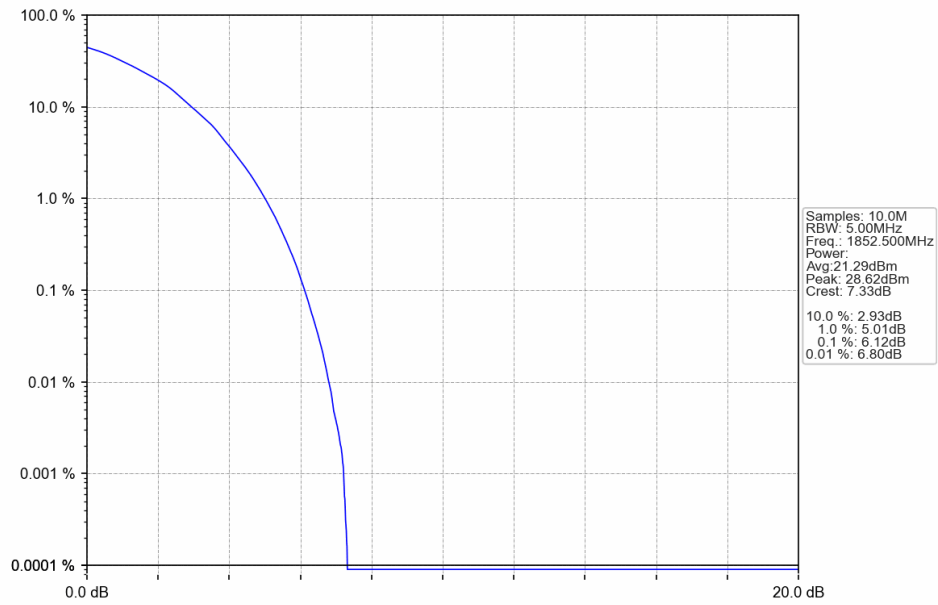
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



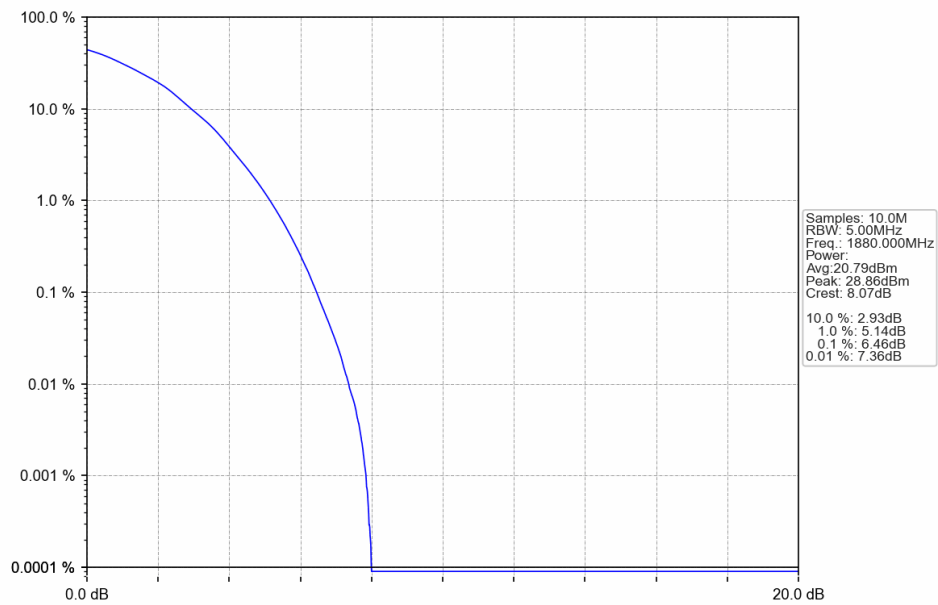
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV

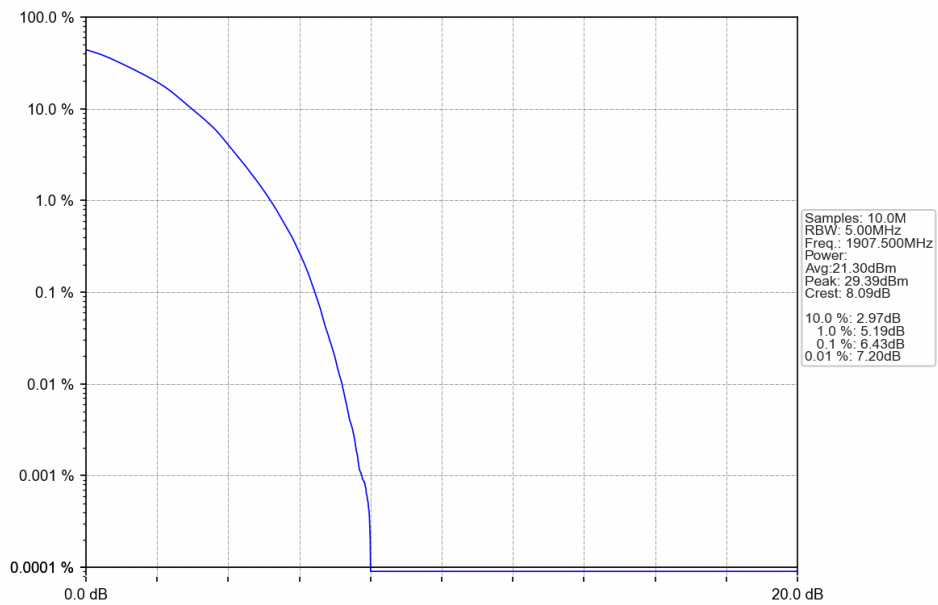


Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

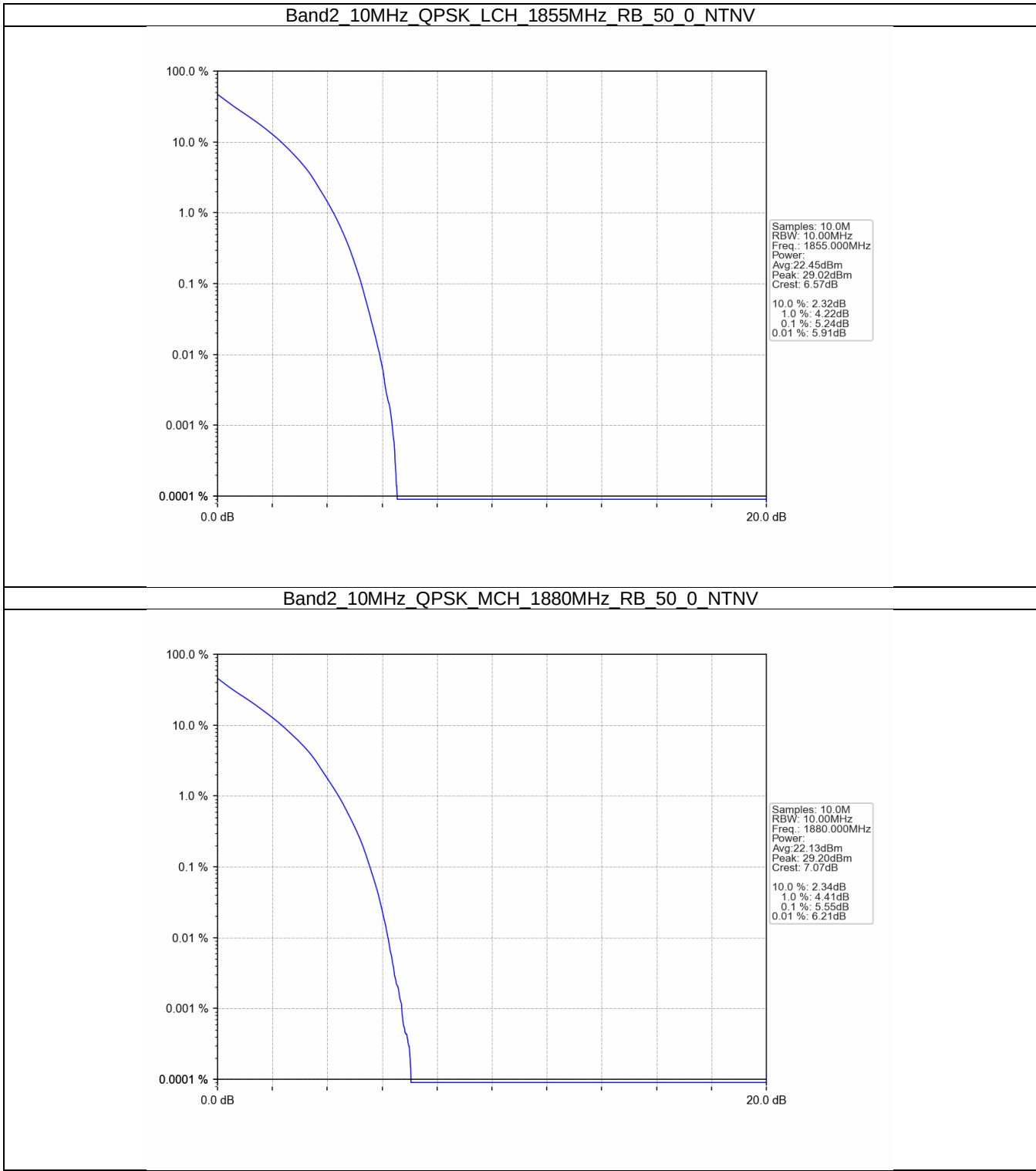


Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV

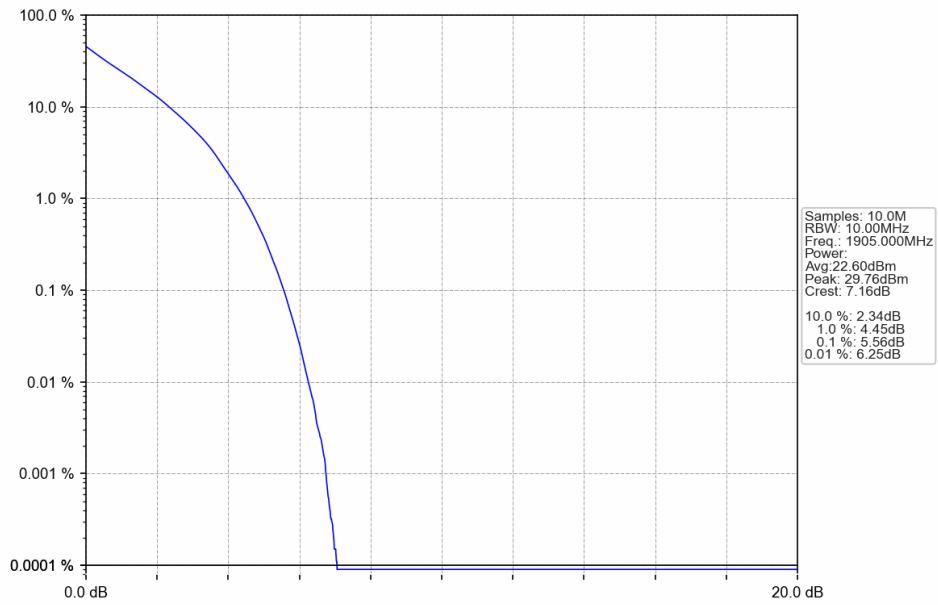




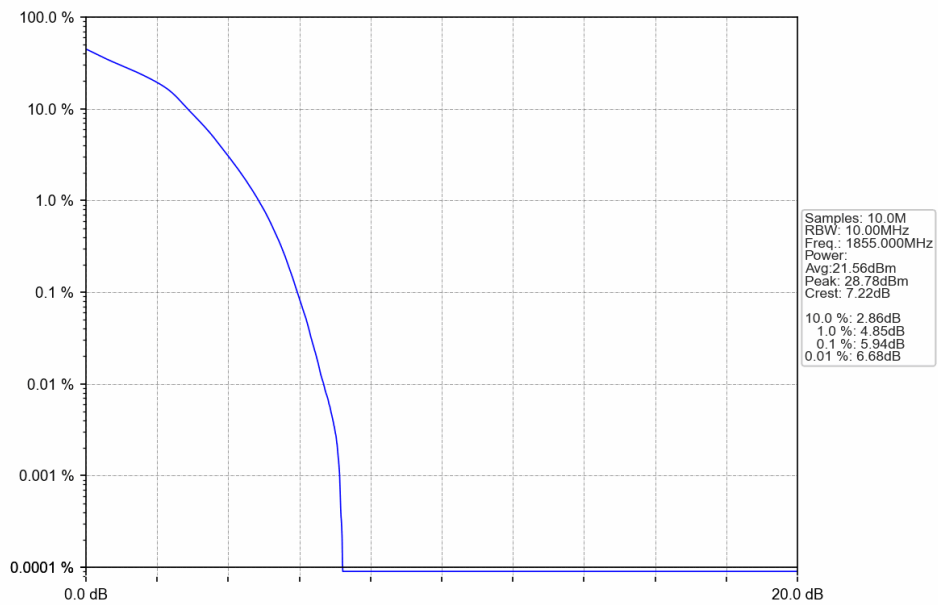
4.2.4 B2\_10MHz



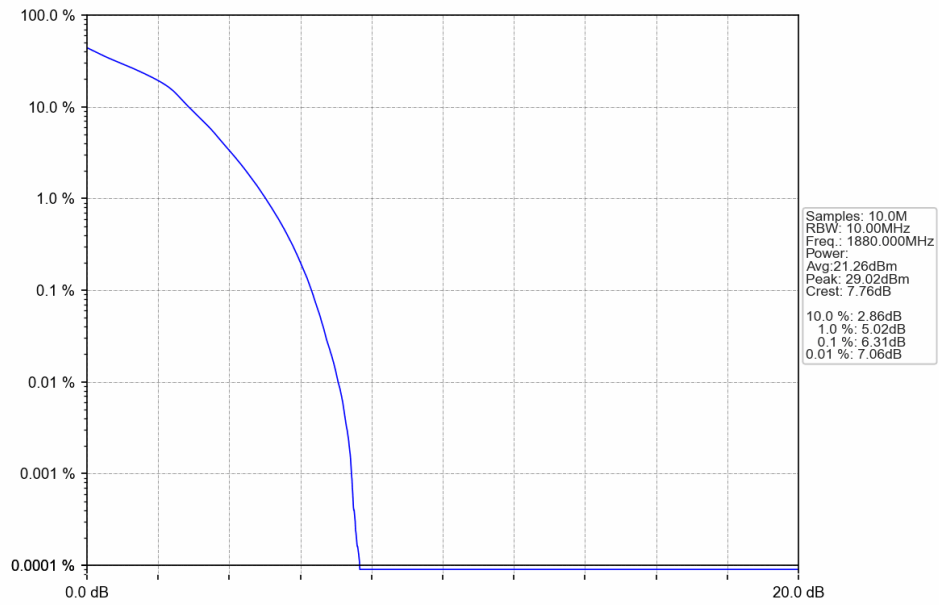
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



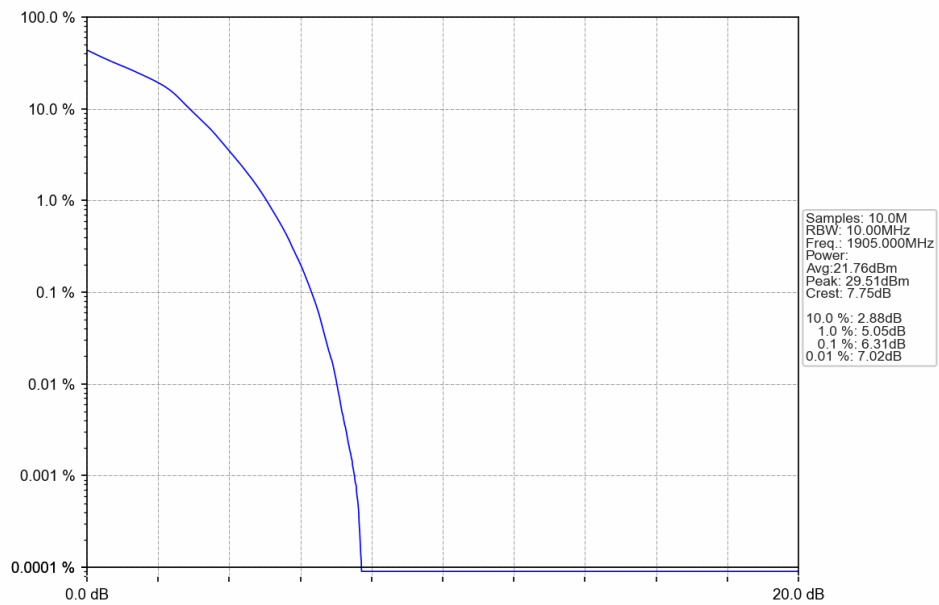
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTN



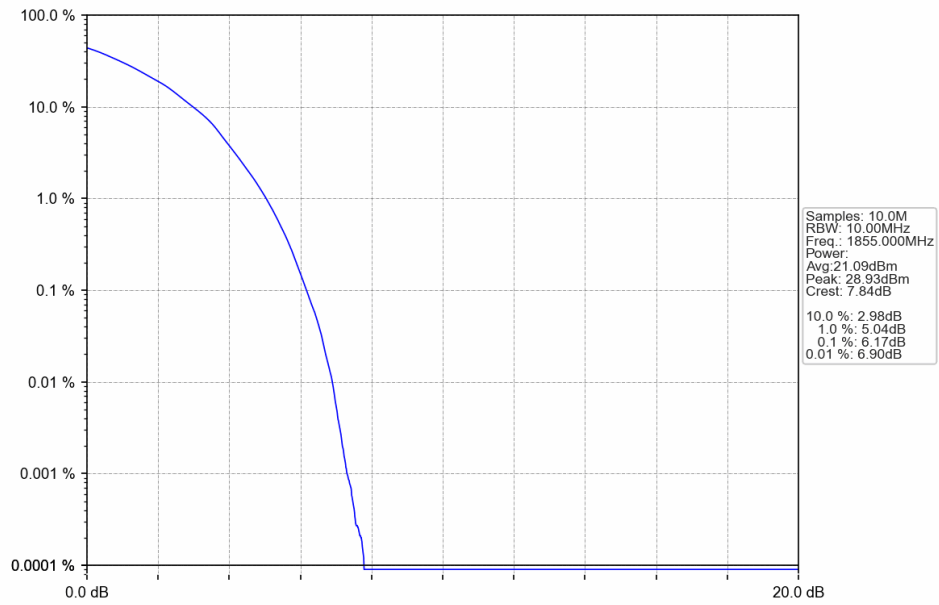
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



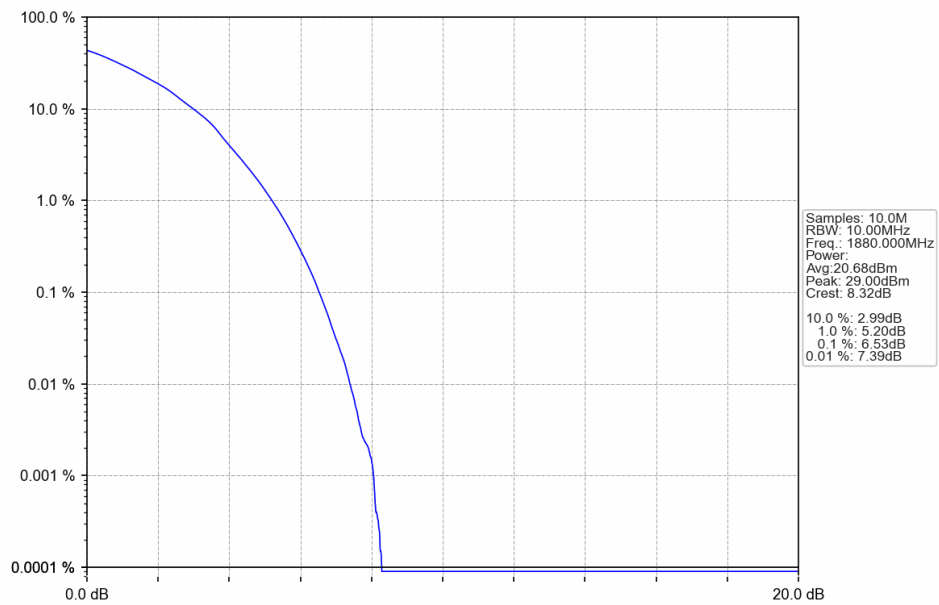
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2 10MHz 64QAM HCH 1905MHz RB 50 0 NTNV

