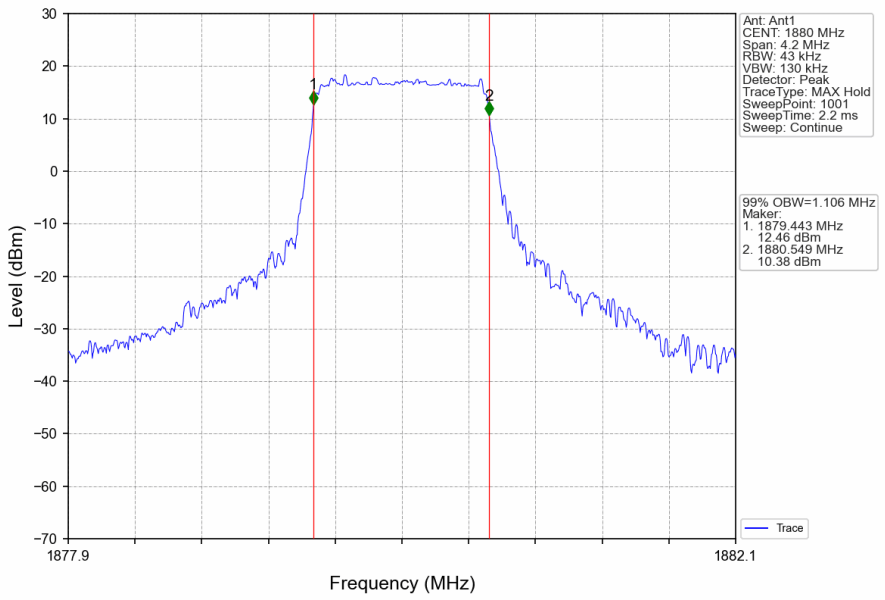
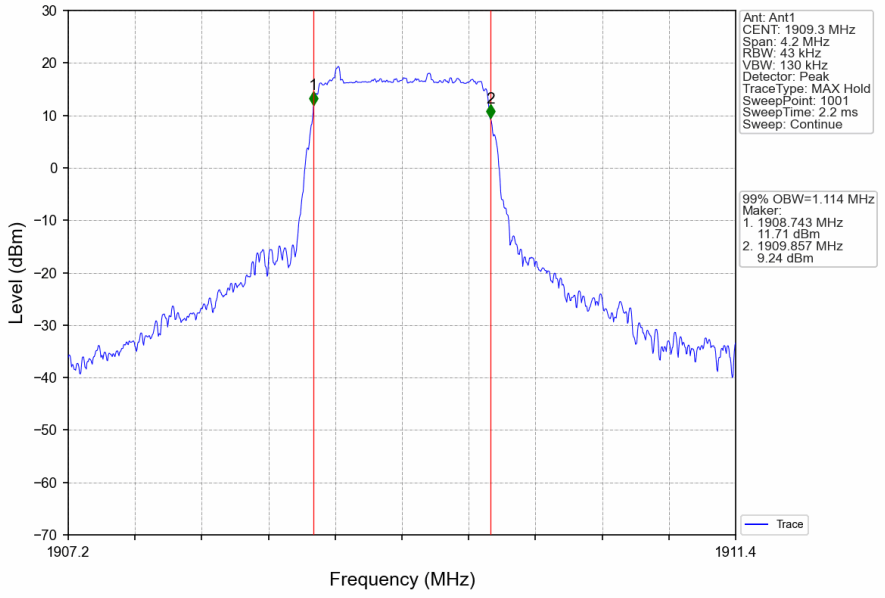
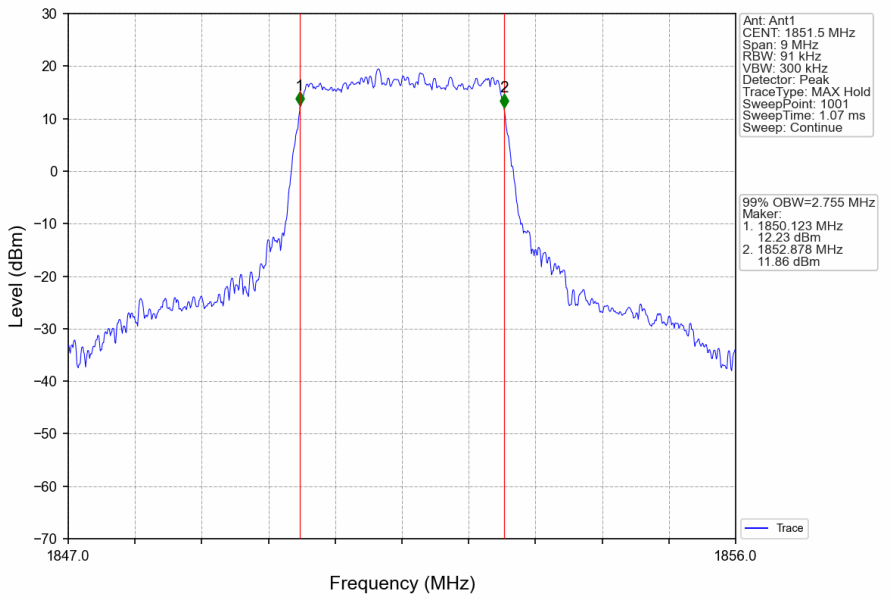
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



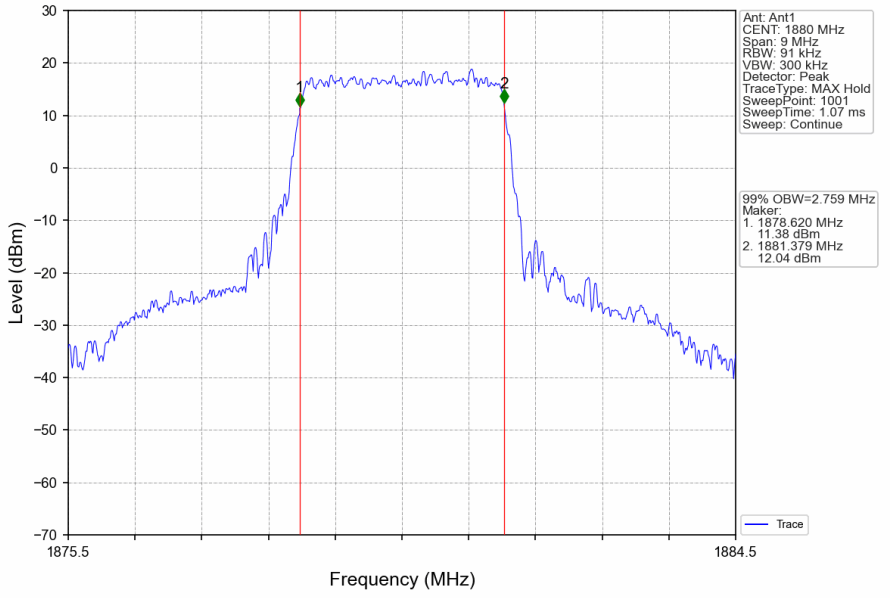

Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



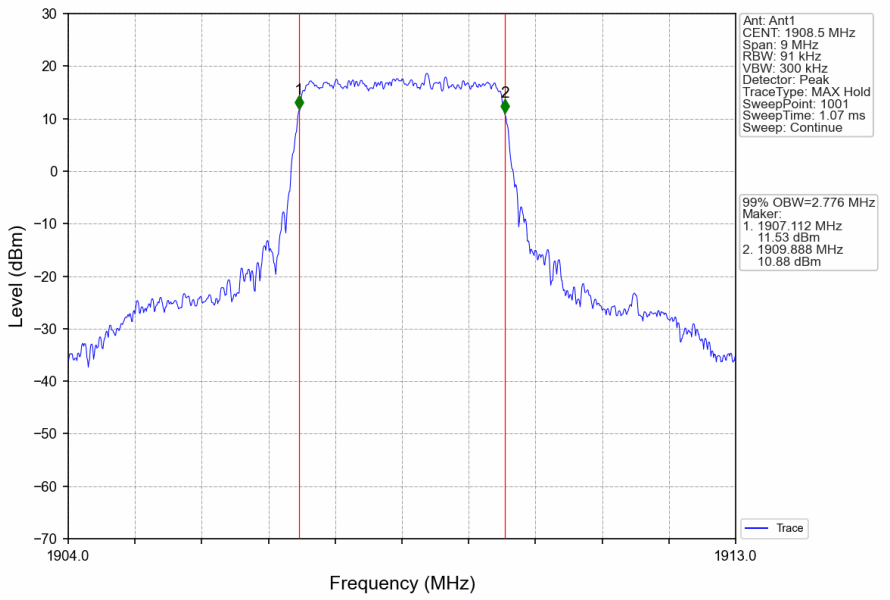
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



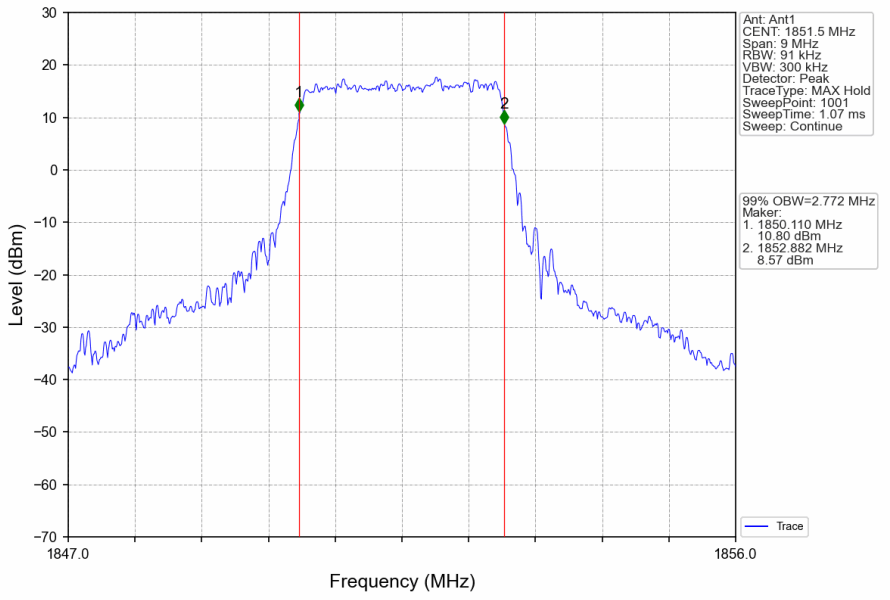

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

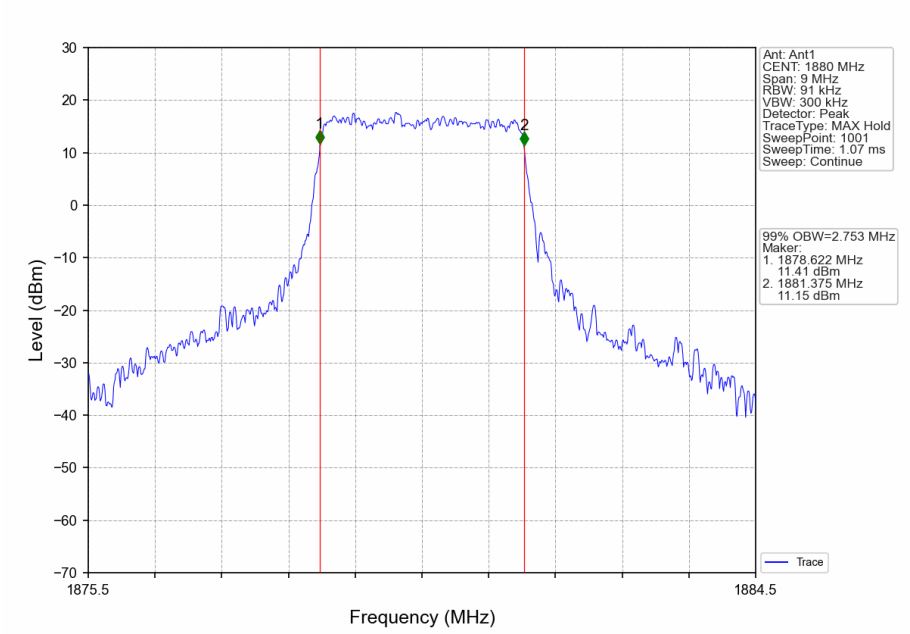


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

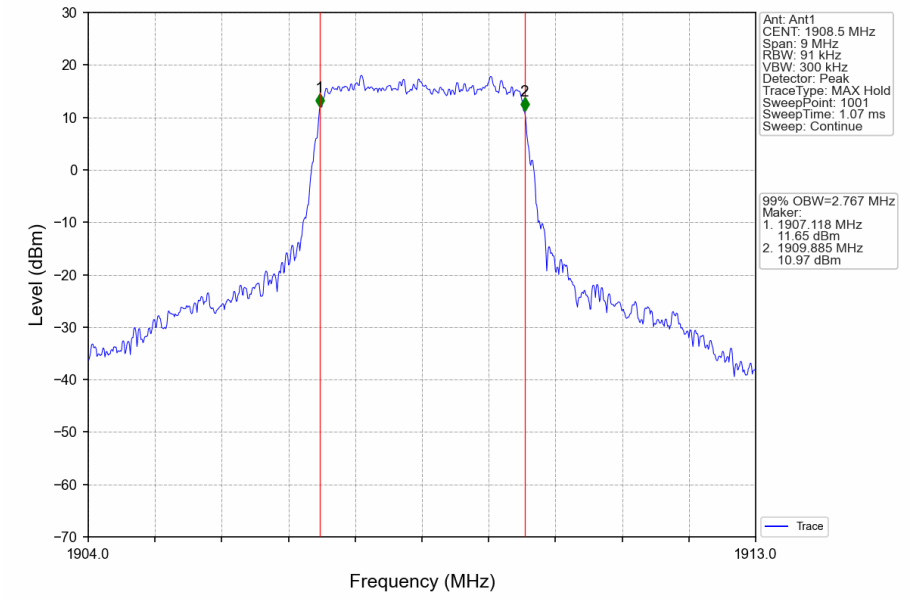



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

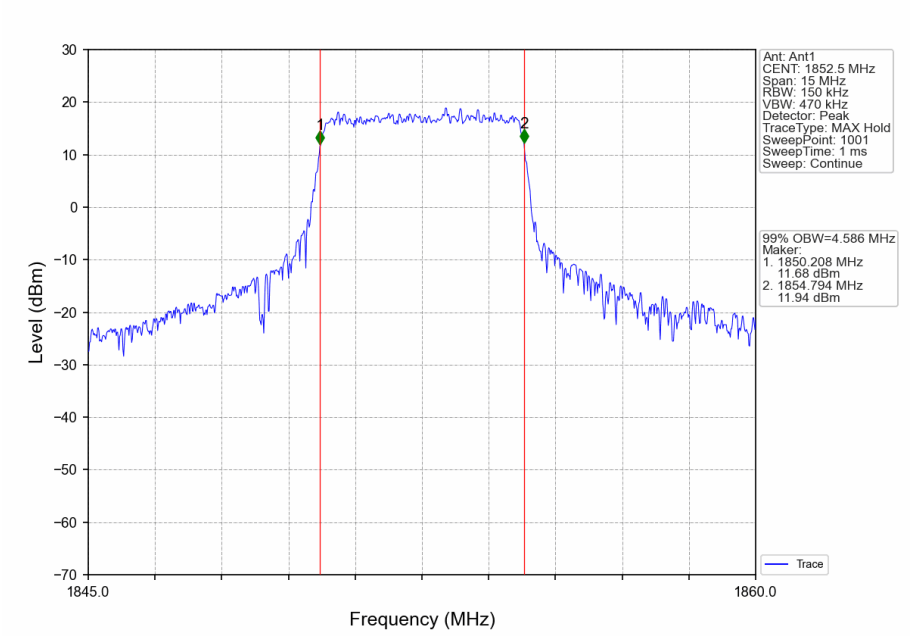


| Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV |
| --- |
|  |

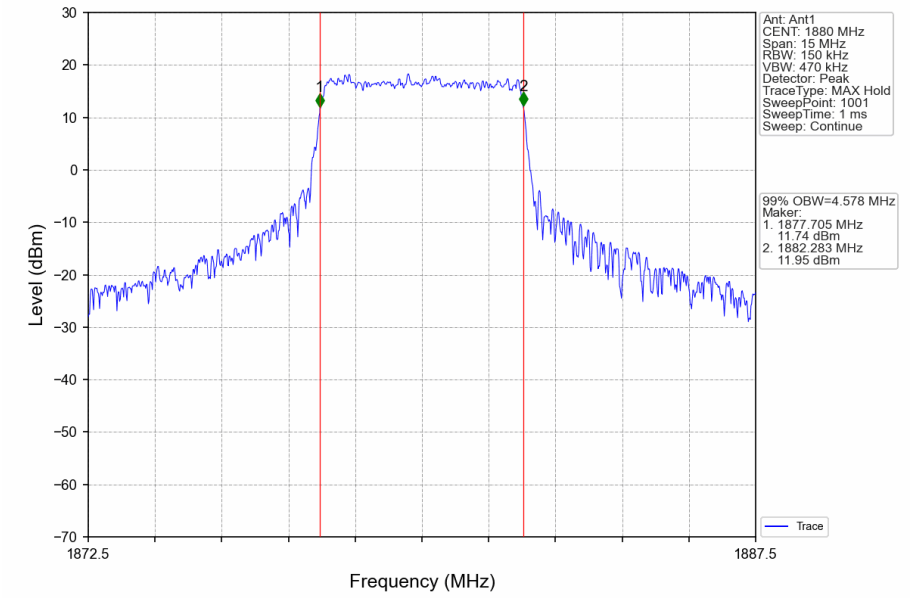


| Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV |
| --- |
|  |

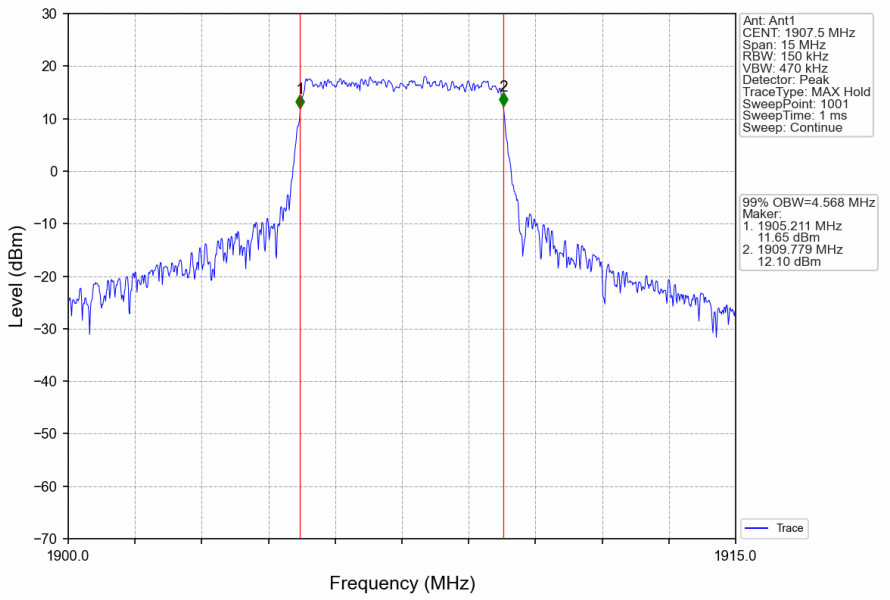
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



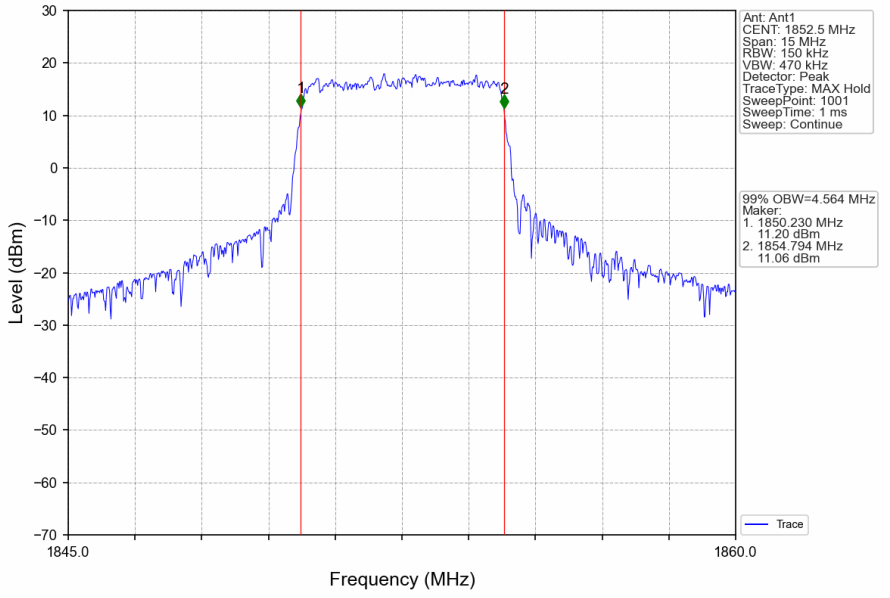

Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



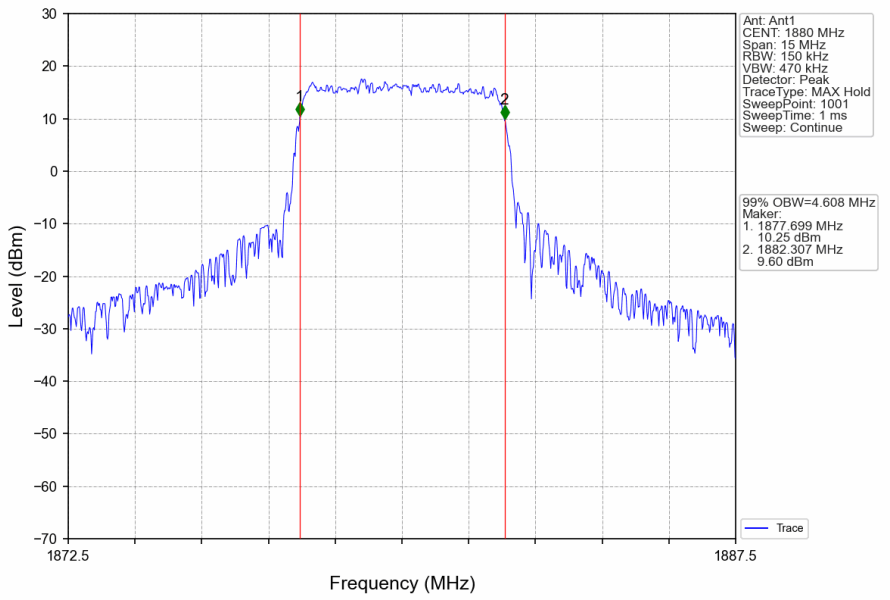
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



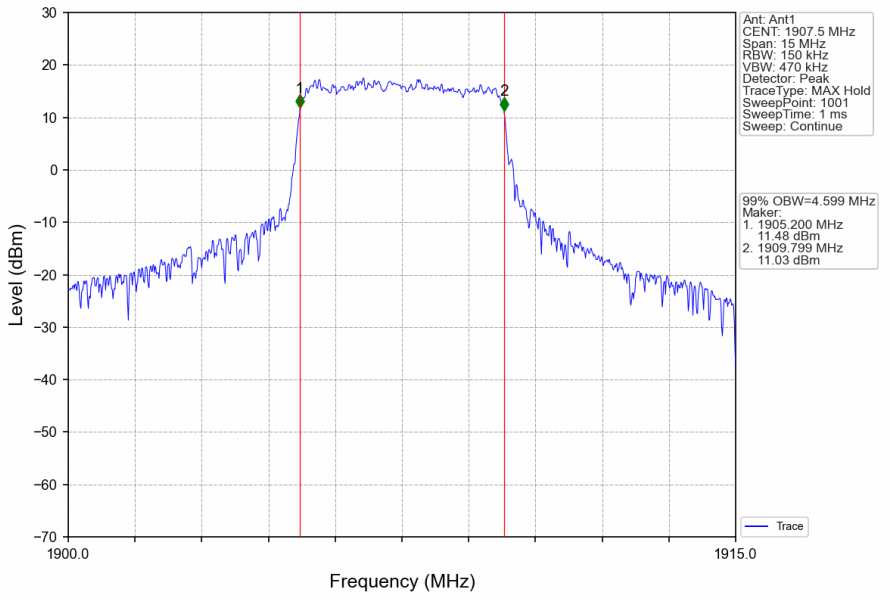

Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



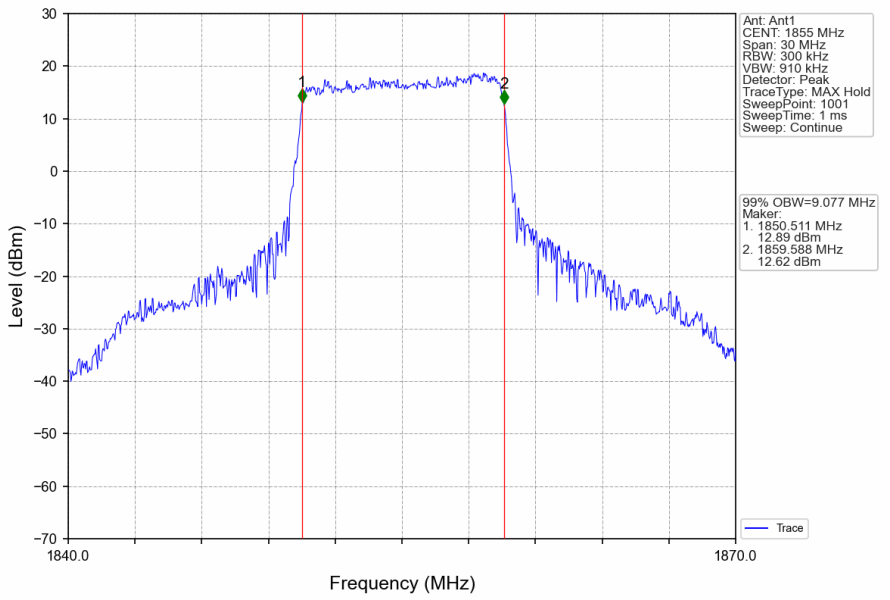
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



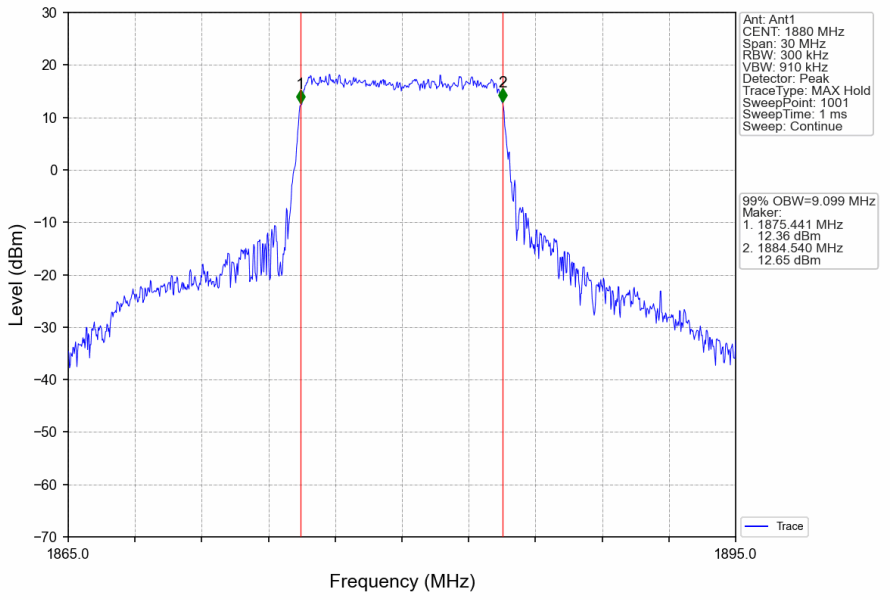

Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



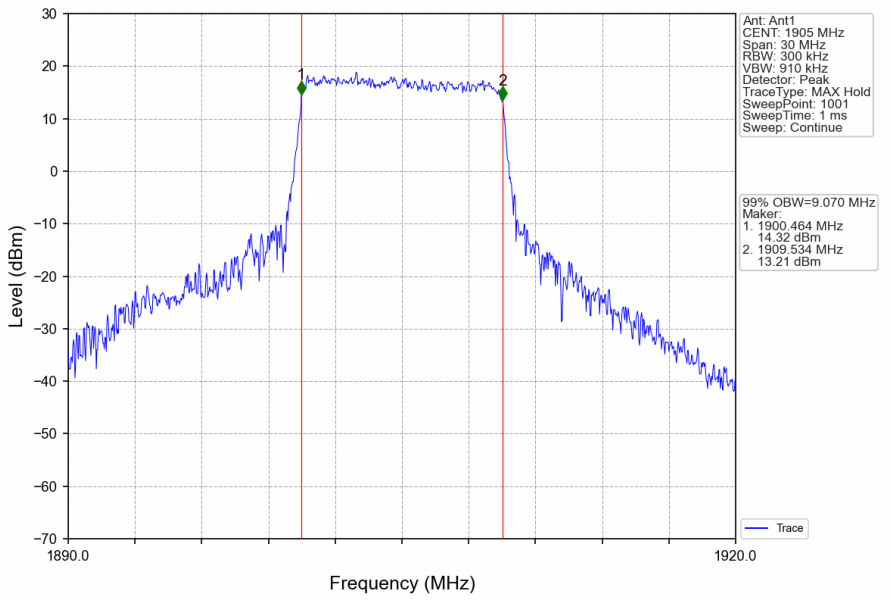
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



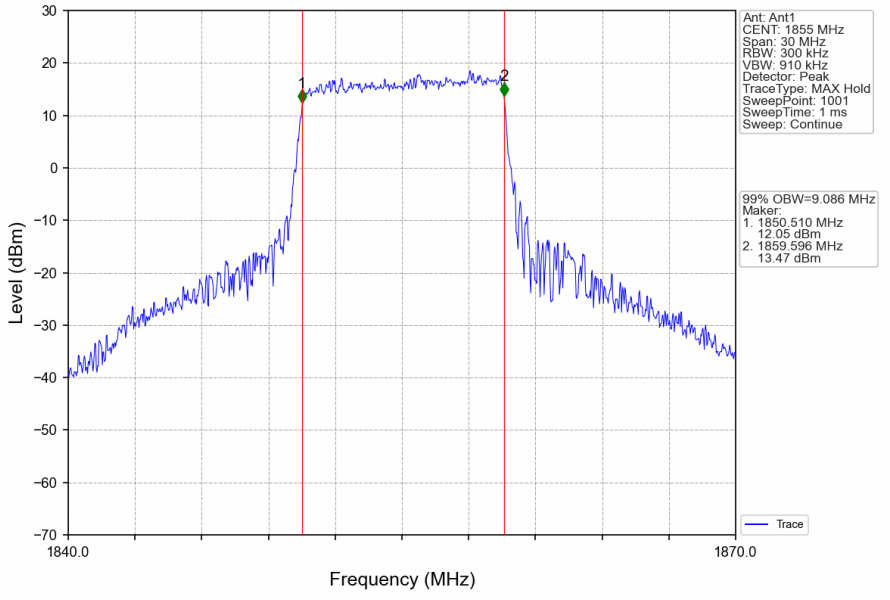

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



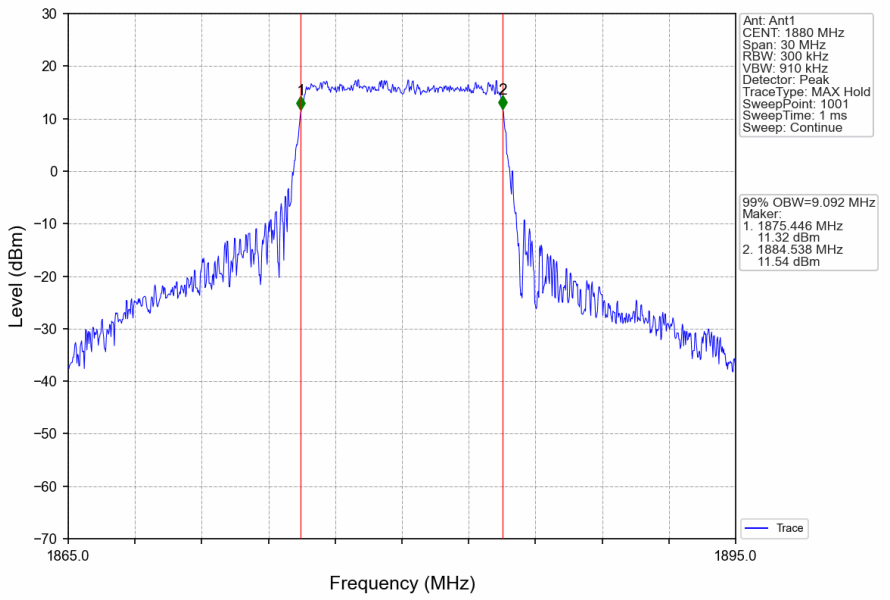
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



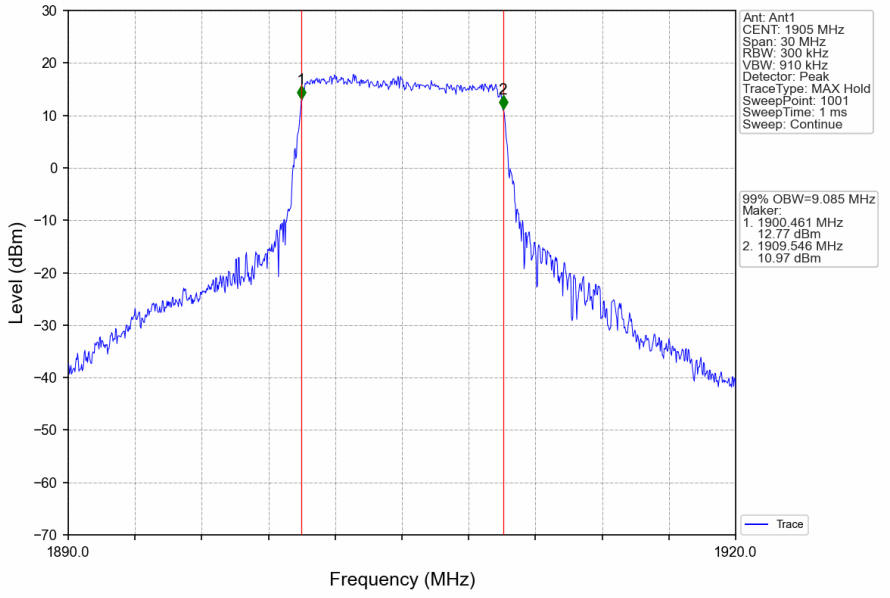

Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



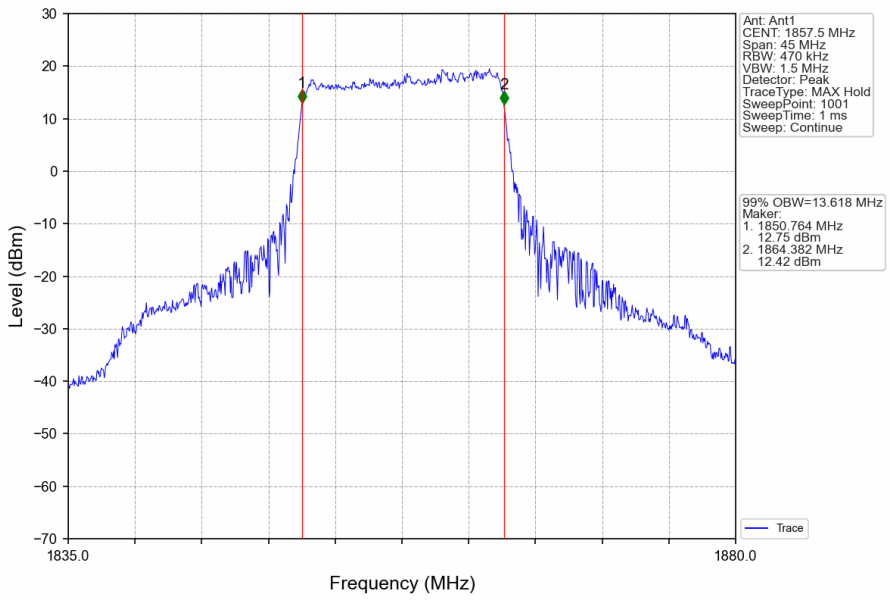
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



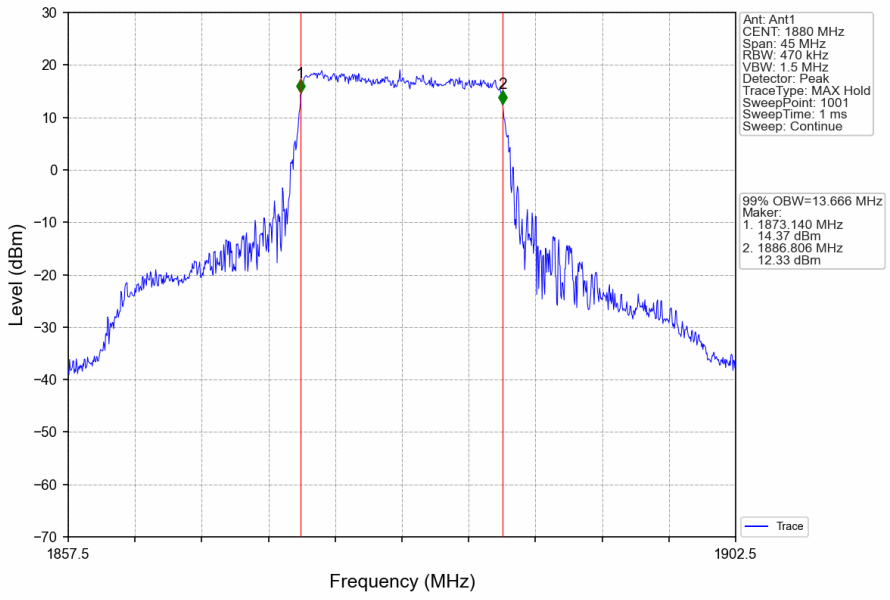

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



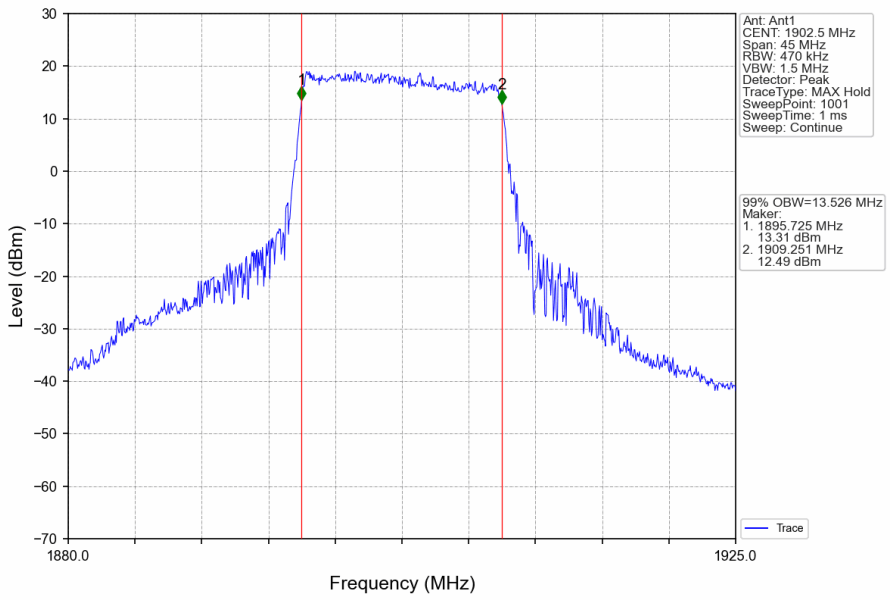
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



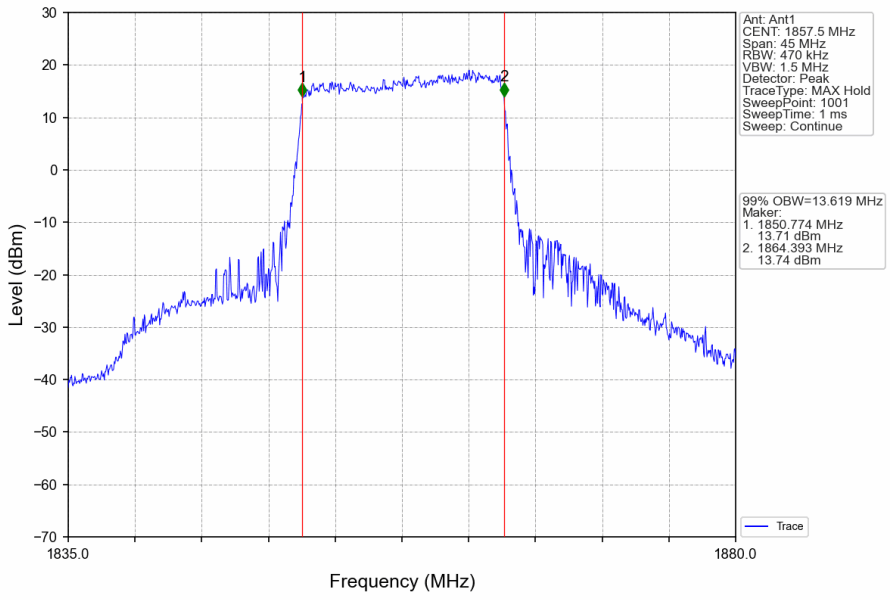

Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



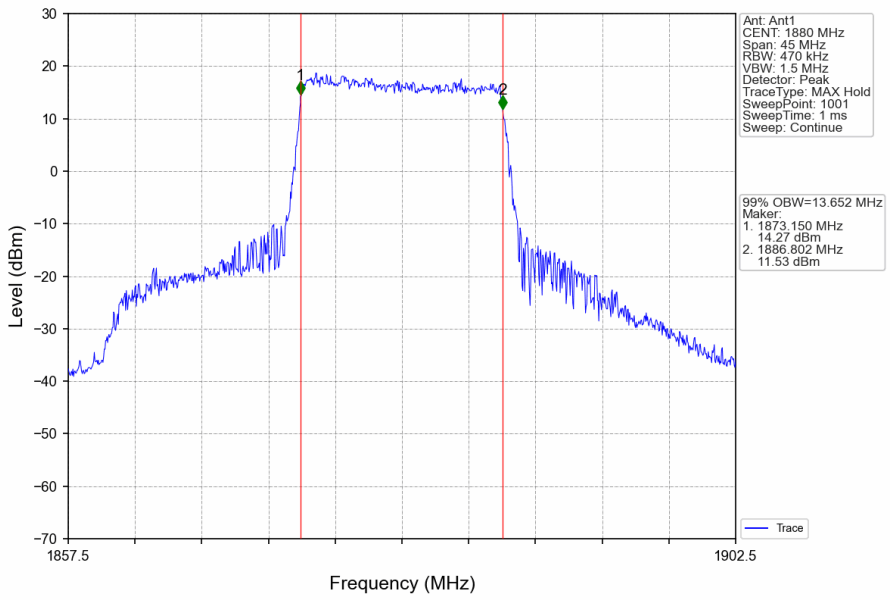
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



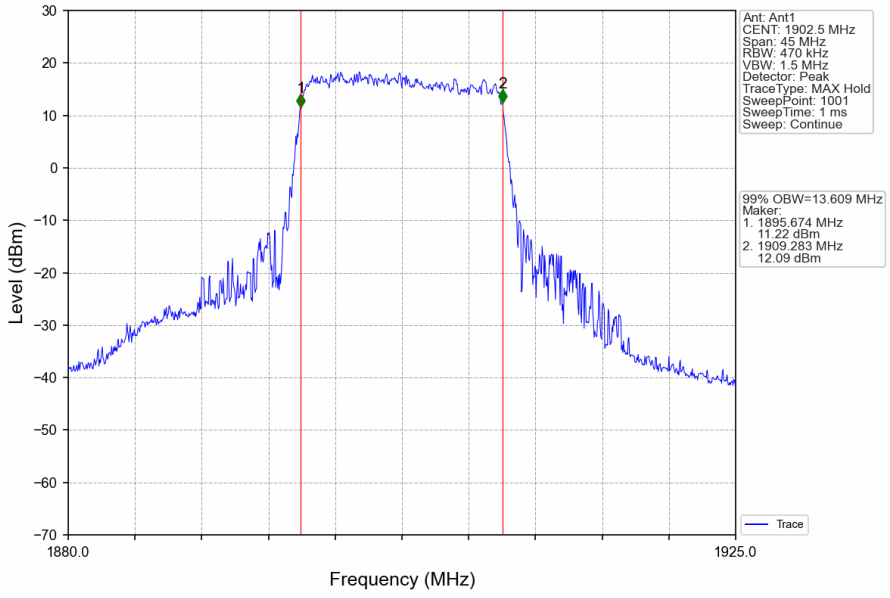

Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

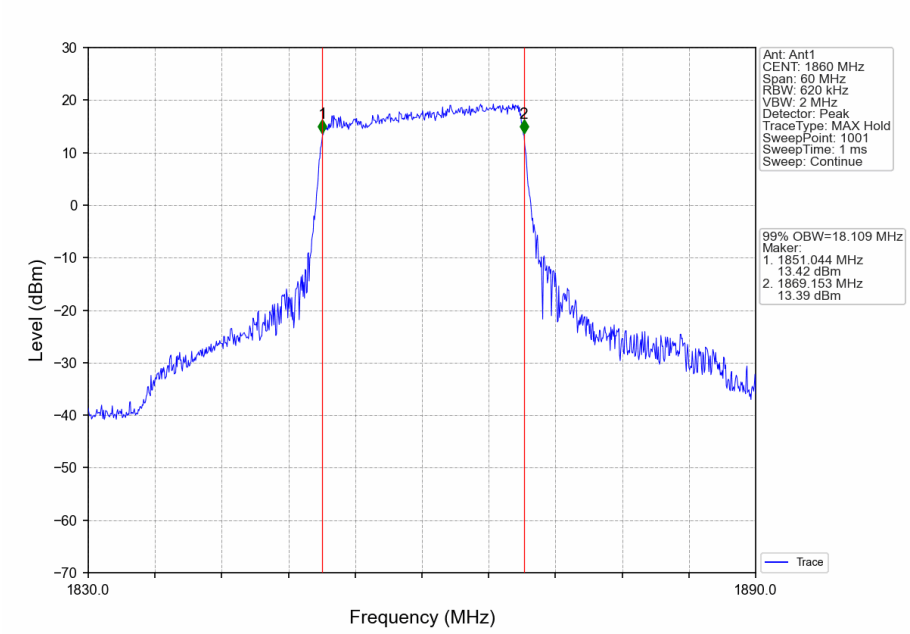


Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV

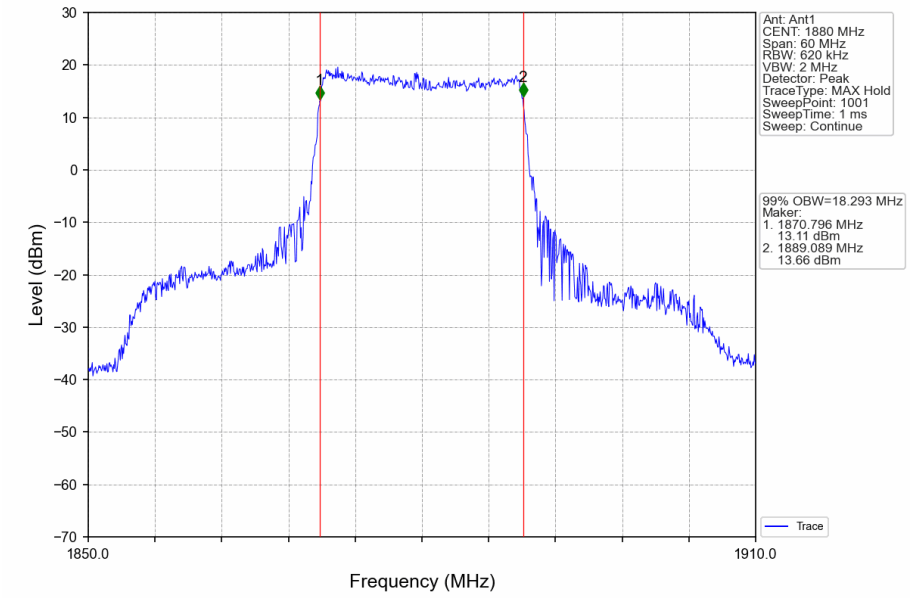


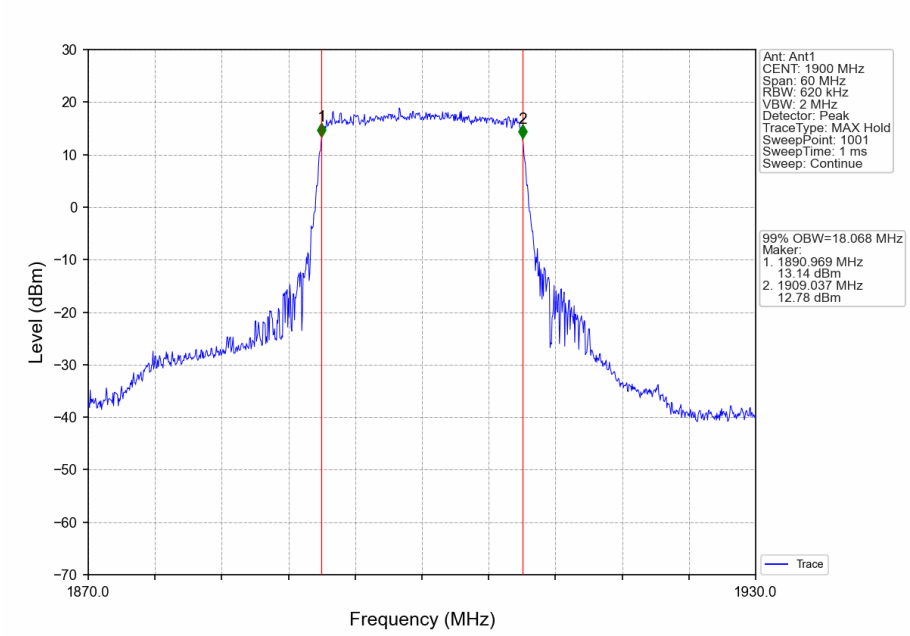

Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



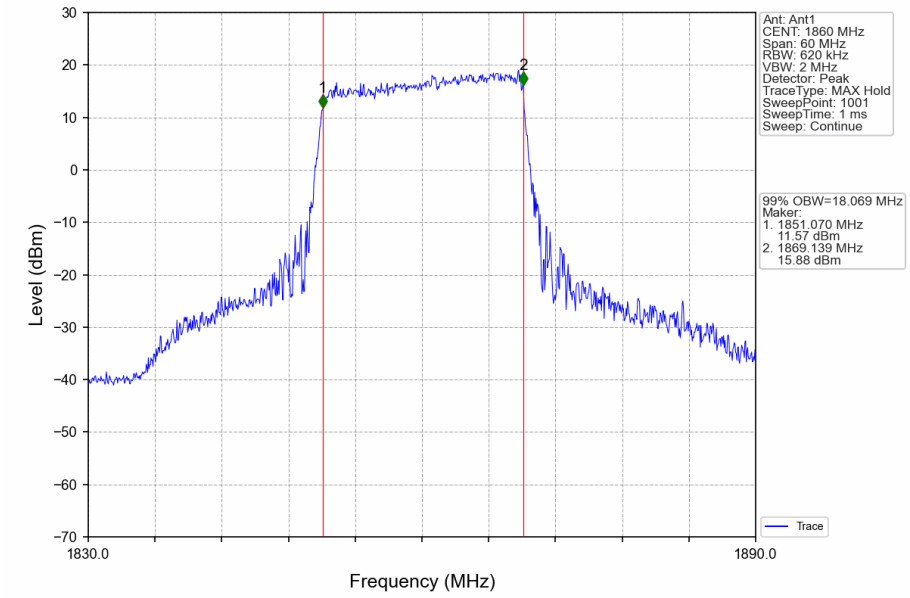
| Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV |
| --- |
|  |



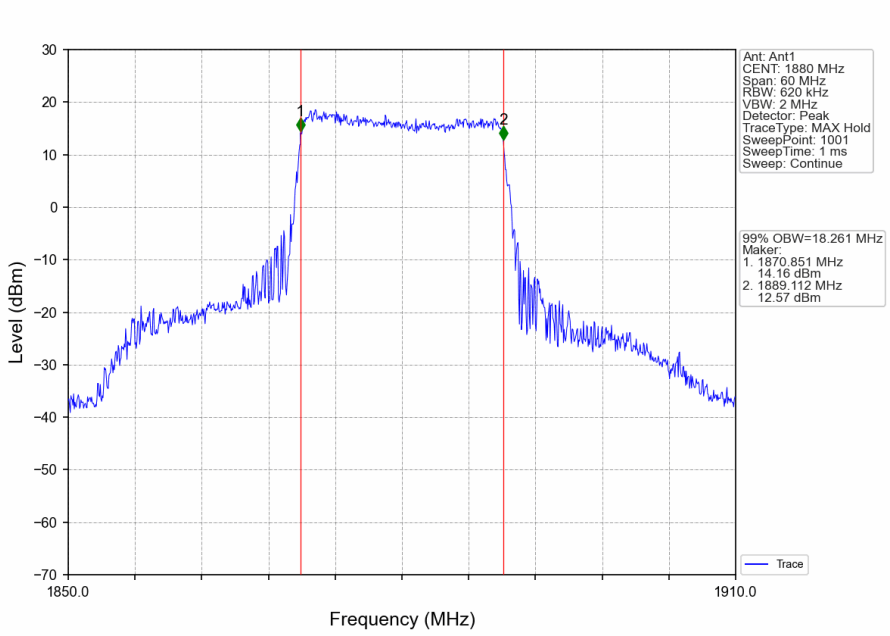
| Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV |
| --- |
|  |

| Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV |
| --- |
|  |

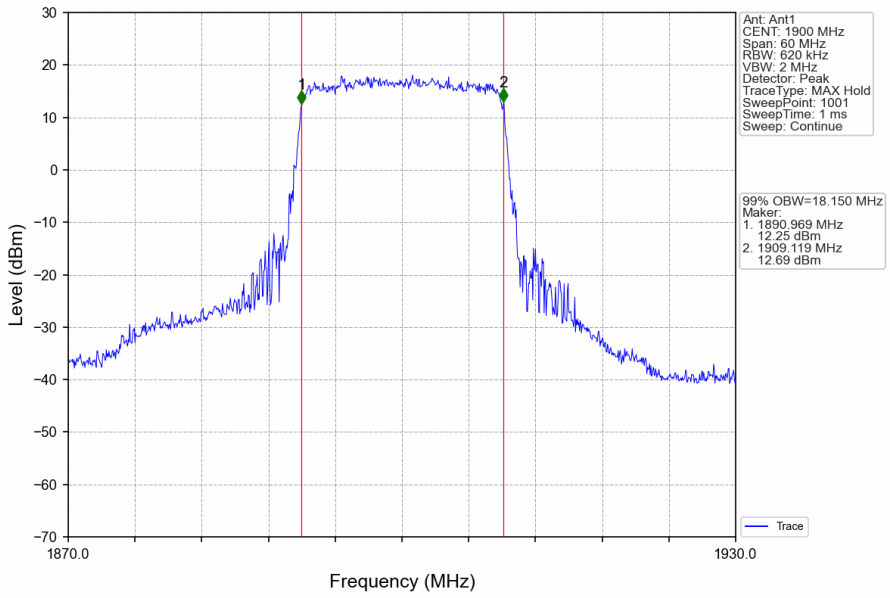


| Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV |
| --- |
|  |

Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV




Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



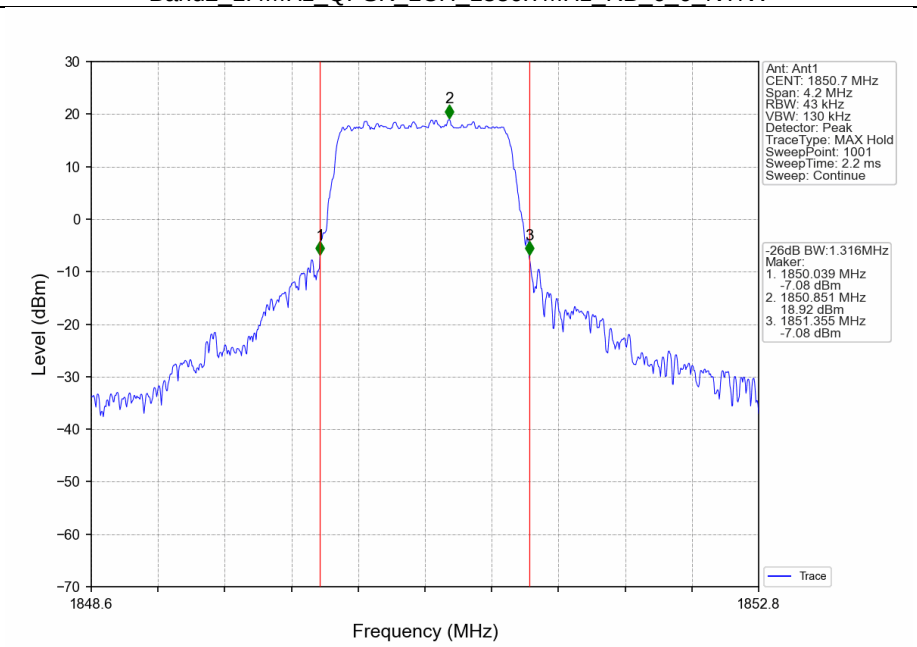
## 4.2 Band2_XDB

### 4.2.1 Test Result

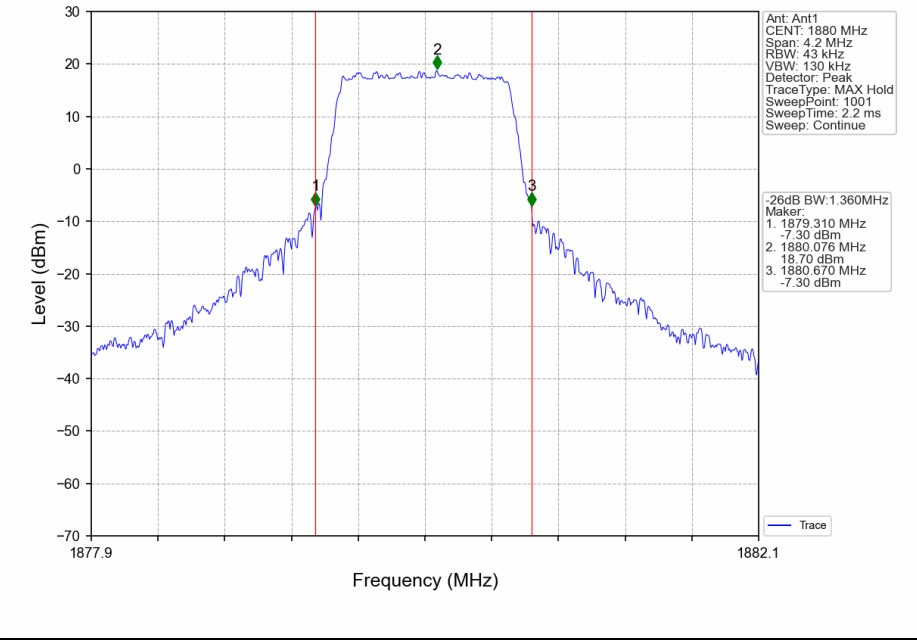
| Band: 2 / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | Verdict |
| | | | Size | Offset | Result | |
| 1.4 | QPSK | 1850.7 | 6 | 0 | 1.316 | Pass |
| | | 1880 | 6 | 0 | 1.360 | Pass |
| | | 1909.3 | 6 | 0 | 1.302 | Pass |
| | 16QAM | 1850.7 | 6 | 0 | 1.346 | Pass |
| | | 1880 | 6 | 0 | 1.322 | Pass |
| | | 1909.3 | 6 | 0 | 1.273 | Pass |
| 3 | QPSK | 1851.5 | 15 | 0 | 3.098 | Pass |
| | | 1880 | 15 | 0 | 3.199 | Pass |
| | | 1908.5 | 15 | 0 | 3.171 | Pass |
| | 16QAM | 1851.5 | 15 | 0 | 3.252 | Pass |
| | | 1880 | 15 | 0 | 3.265 | Pass |
| | | 1908.5 | 15 | 0 | 3.111 | Pass |
| 5 | QPSK | 1852.5 | 25 | 0 | 5.580 | Pass |
| | | 1880 | 25 | 0 | 5.893 | Pass |
| | | 1907.5 | 25 | 0 | 5.358 | Pass |
| | 16QAM | 1852.5 | 25 | 0 | 5.585 | Pass |
| | | 1880 | 25 | 0 | 5.506 | Pass |
| | | 1907.5 | 25 | 0 | 5.754 | Pass |
| 10 | QPSK | 1855 | 50 | 0 | 10.306 | Pass |
| | | 1880 | 50 | 0 | 10.641 | Pass |
| | | 1905 | 50 | 0 | 10.215 | Pass |
| | 16QAM | 1855 | 50 | 0 | 10.333 | Pass |
| | | 1880 | 50 | 0 | 10.844 | Pass |
| | | 1905 | 50 | 0 | 10.333 | Pass |
| 15 | QPSK | 1857.5 | 75 | 0 | 15.812 | Pass |
| | | 1880 | 75 | 0 | 16.497 | Pass |
| | | 1902.5 | 75 | 0 | 15.630 | Pass |
| | 16QAM | 1857.5 | 75 | 0 | 15.295 | Pass |
| | | 1880 | 75 | 0 | 15.217 | Pass |
| | | 1902.5 | 75 | 0 | 15.315 | Pass |
| 20 | QPSK | 1860 | 100 | 0 | 20.316 | Pass |
| | | 1880 | 100 | 0 | 20.972 | Pass |
| | | 1900 | 100 | 0 | 20.057 | Pass |
| | 16QAM | 1860 | 100 | 0 | 20.439 | Pass |
| | | 1880 | 100 | 0 | 21.671 | Pass |
| | | 1900 | 100 | 0 | 20.442 | Pass |

## 4.2.2 Test Graph

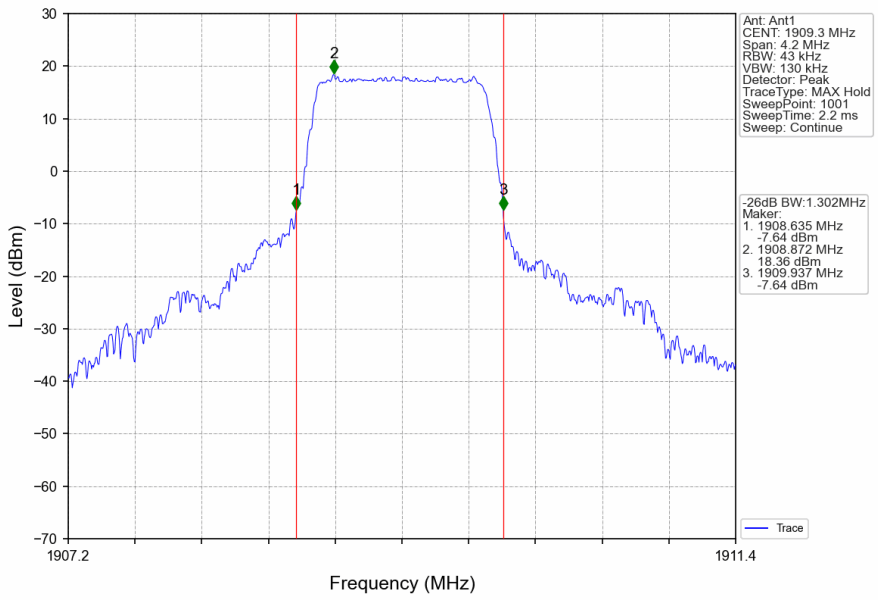
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



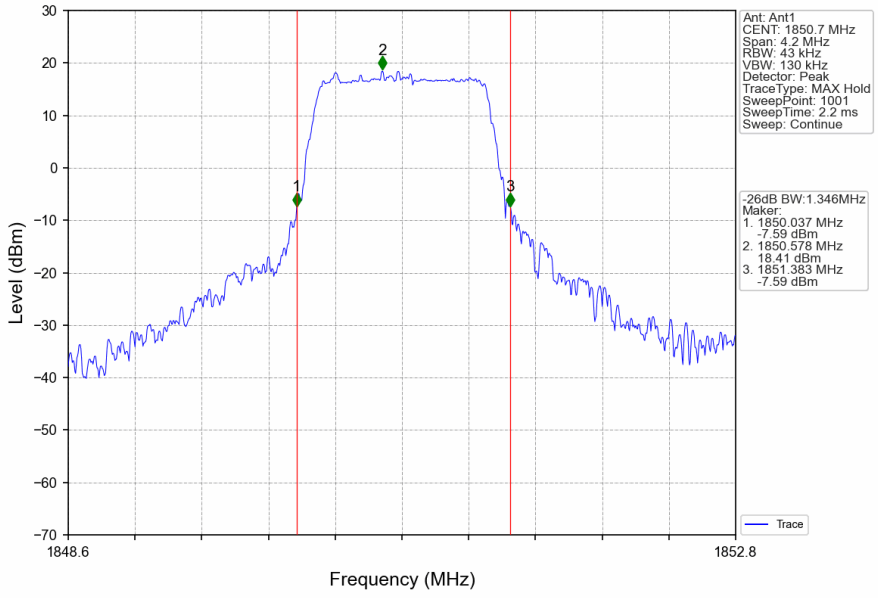

Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



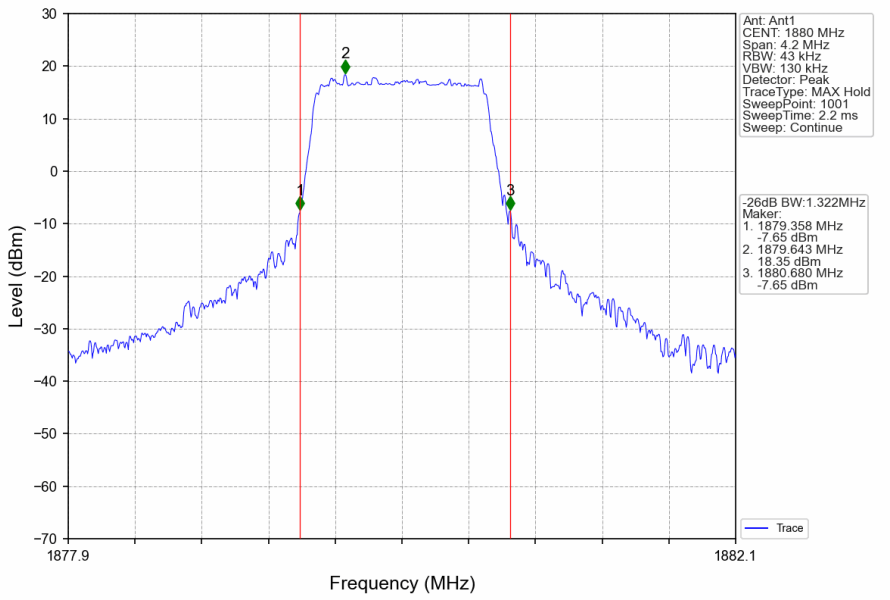
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



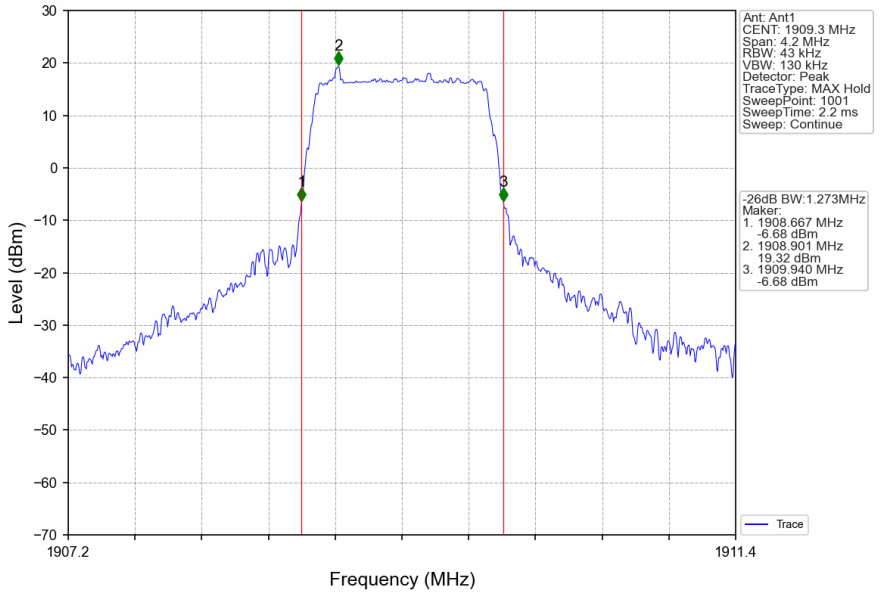

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



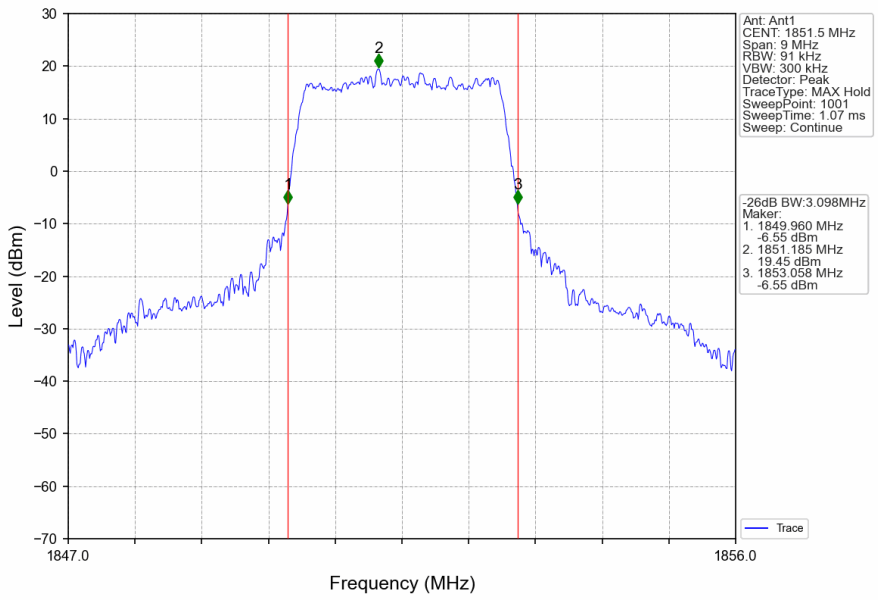
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



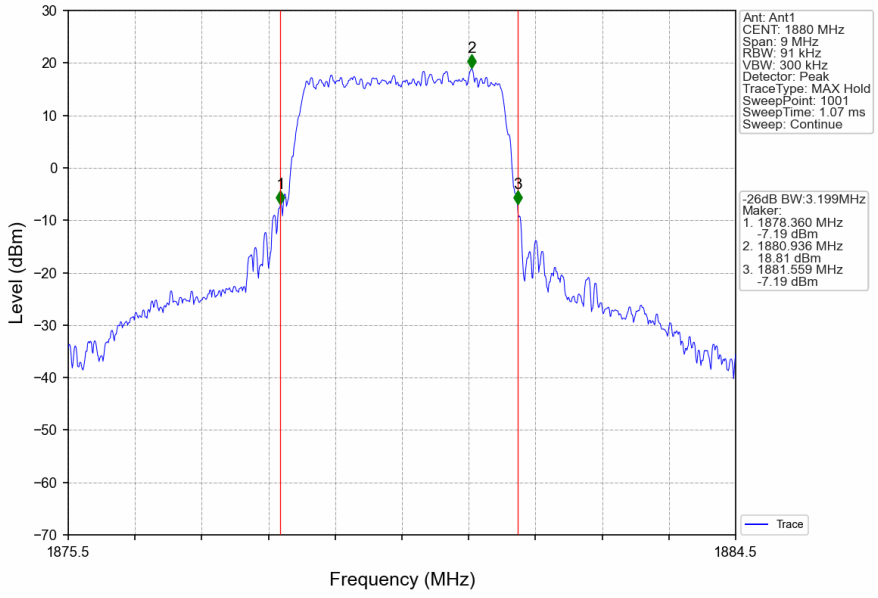

Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



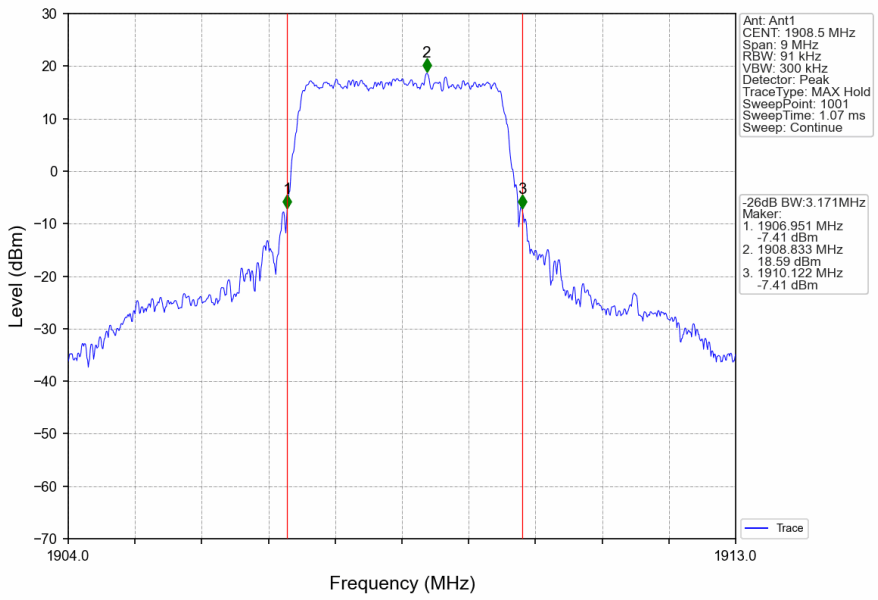
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



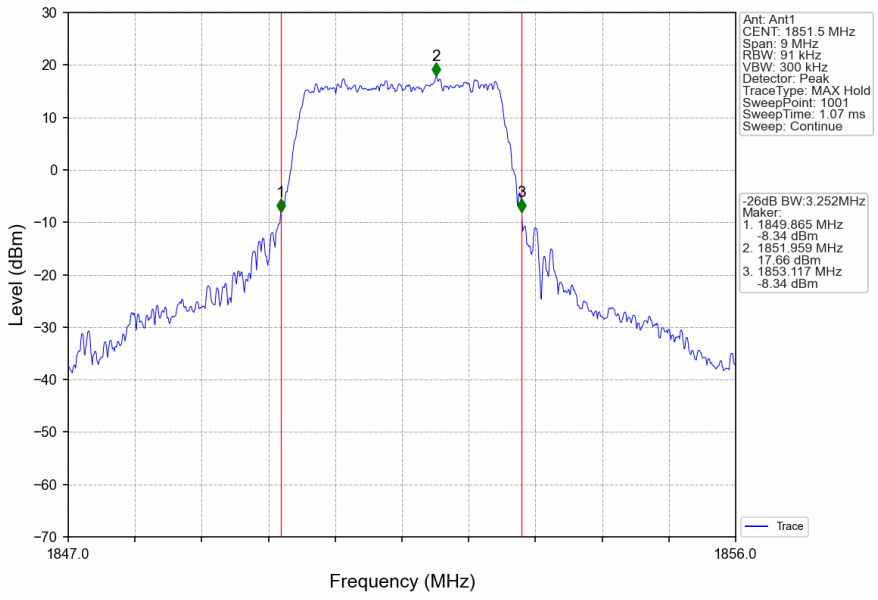

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



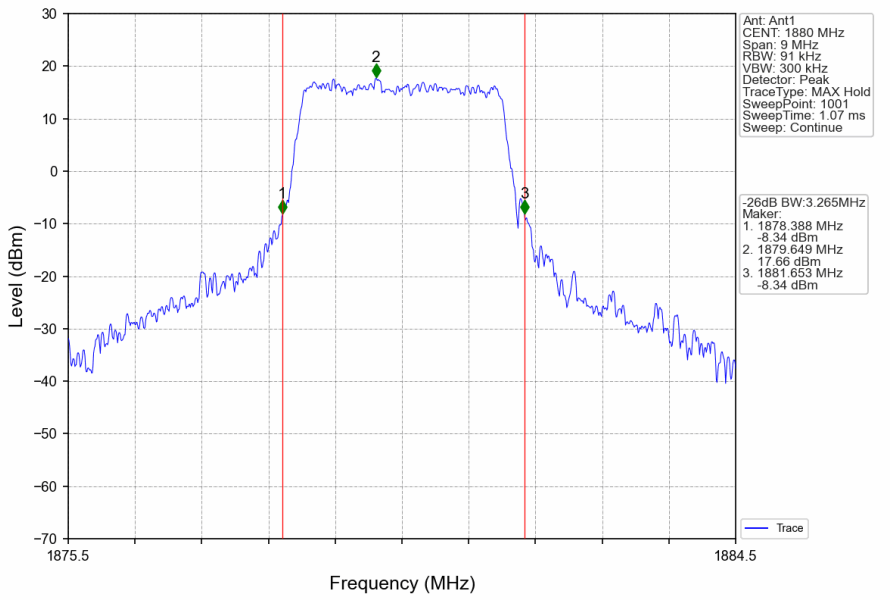
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



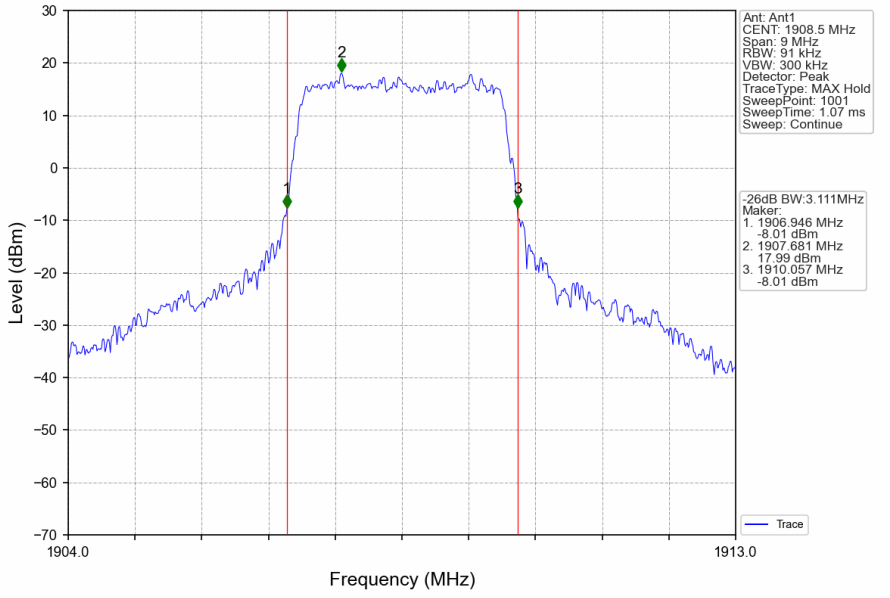

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



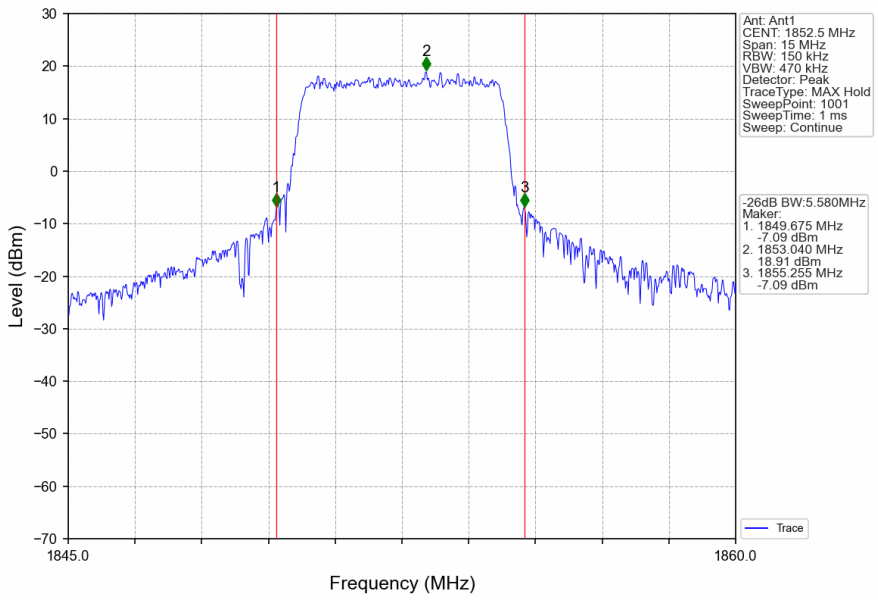
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



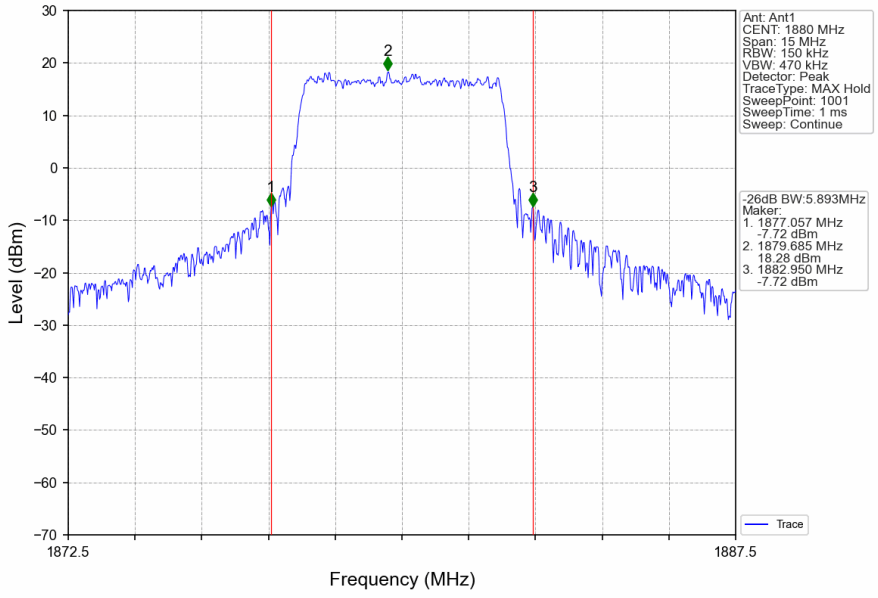

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



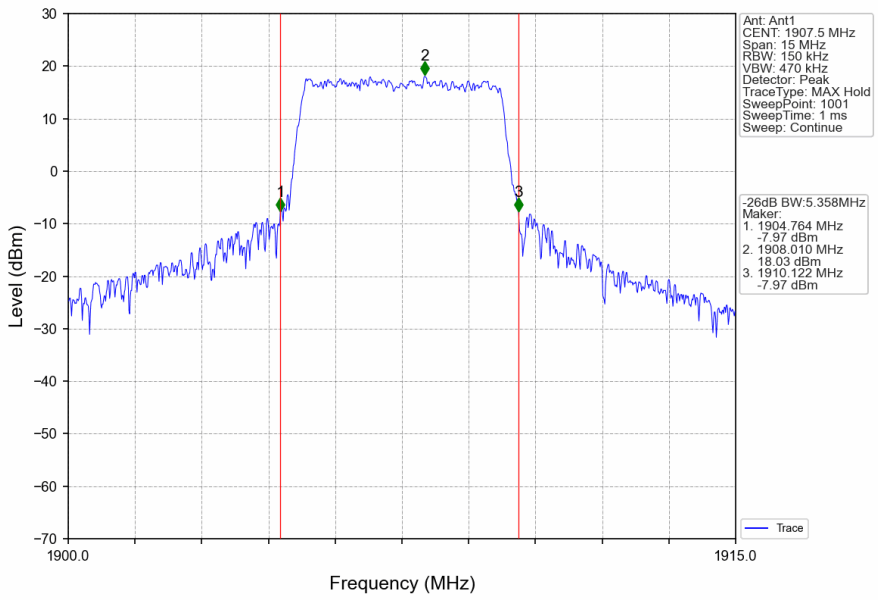
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



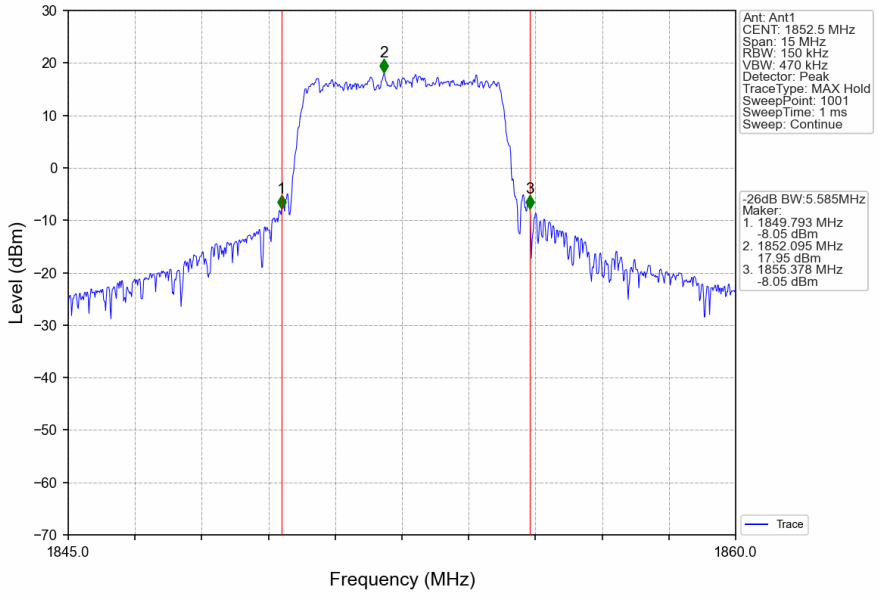

Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



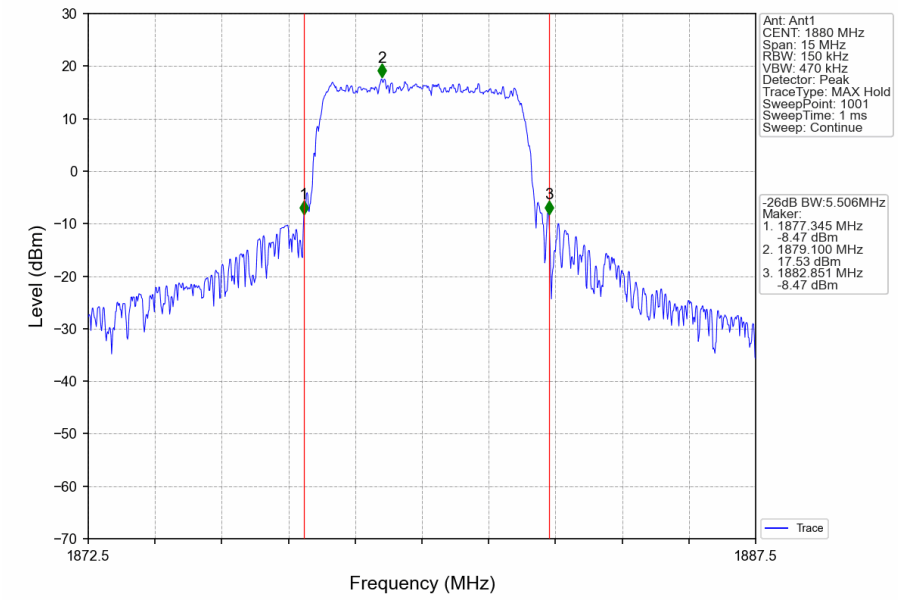
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



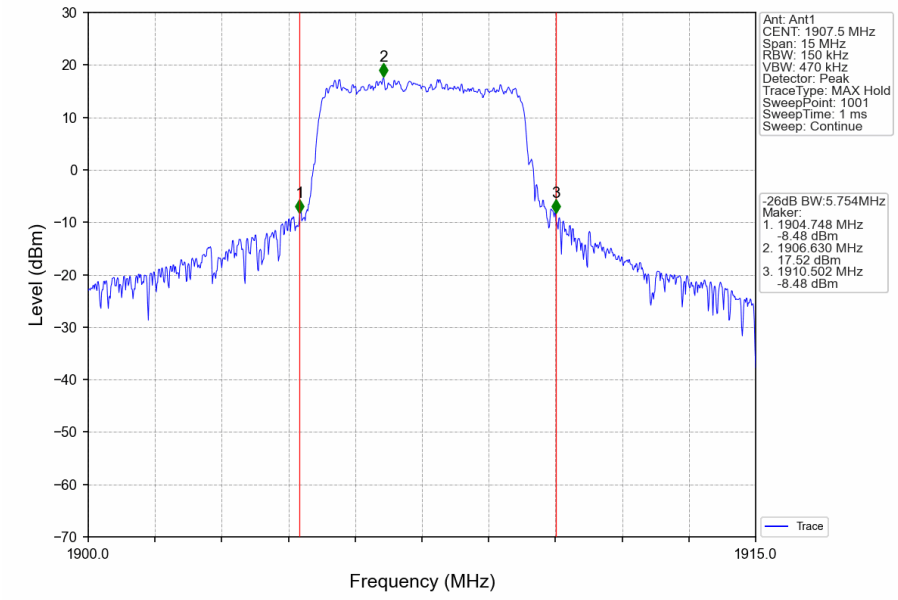

Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



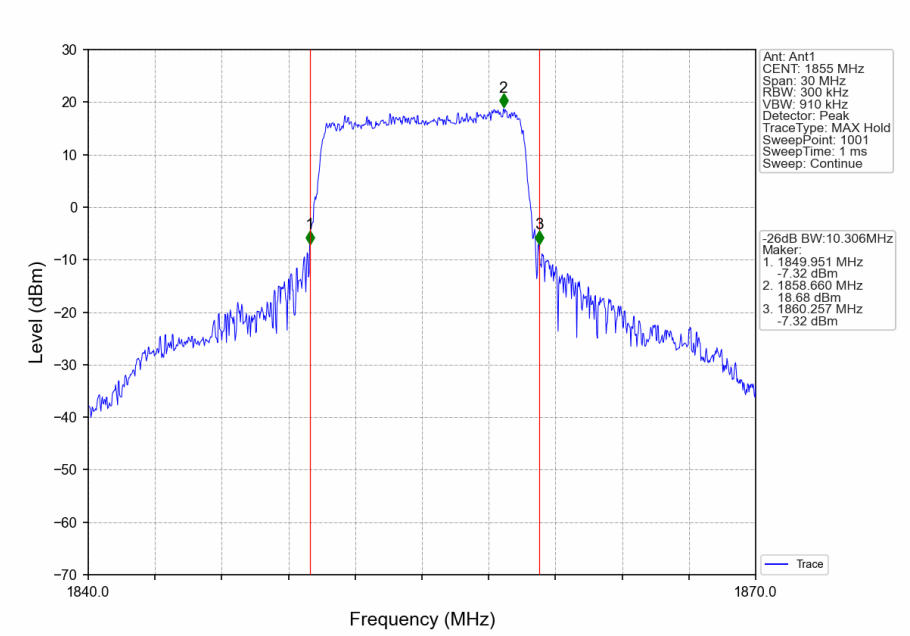
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



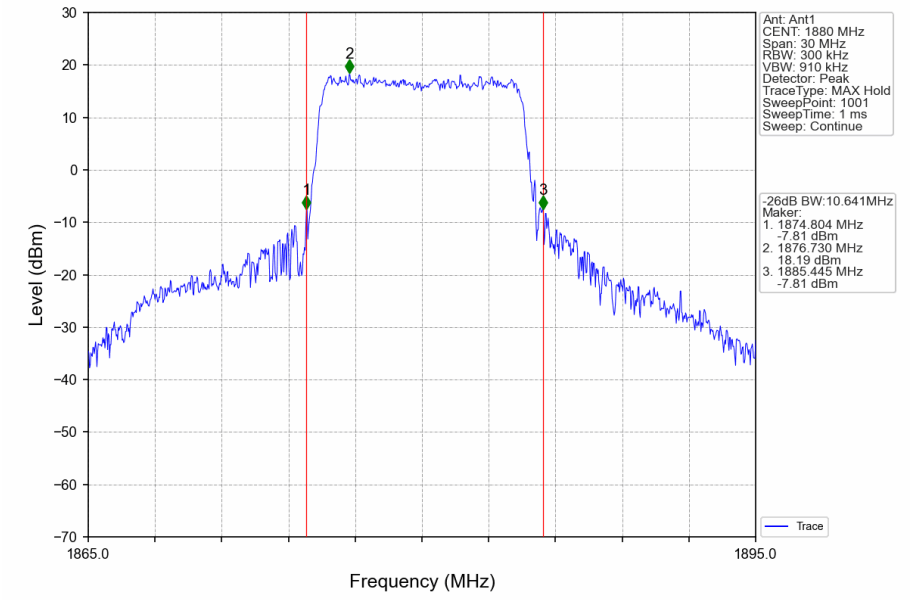

Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



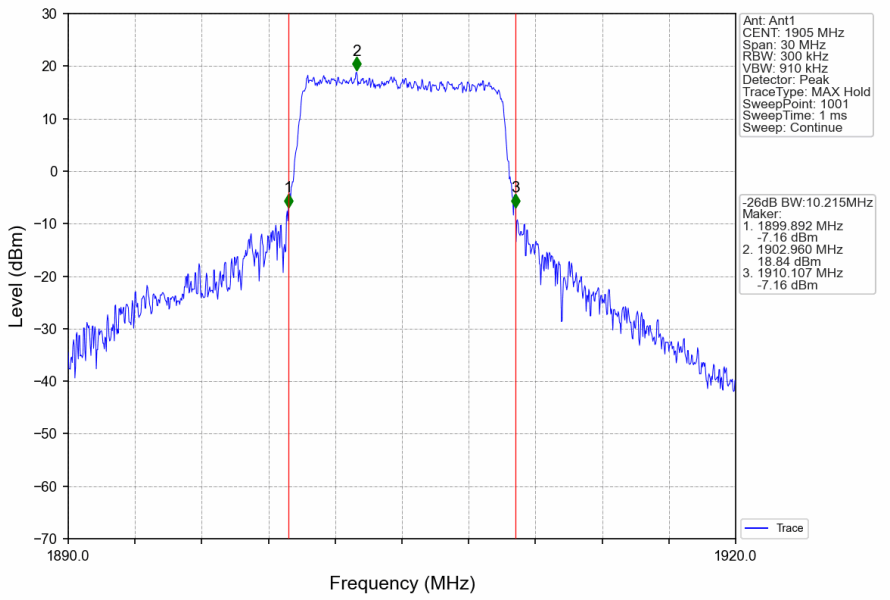
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



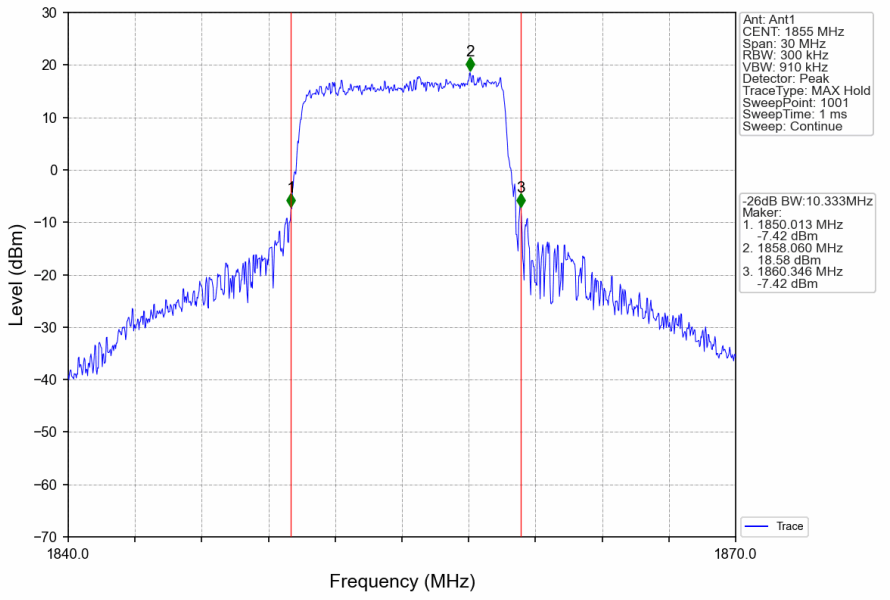

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

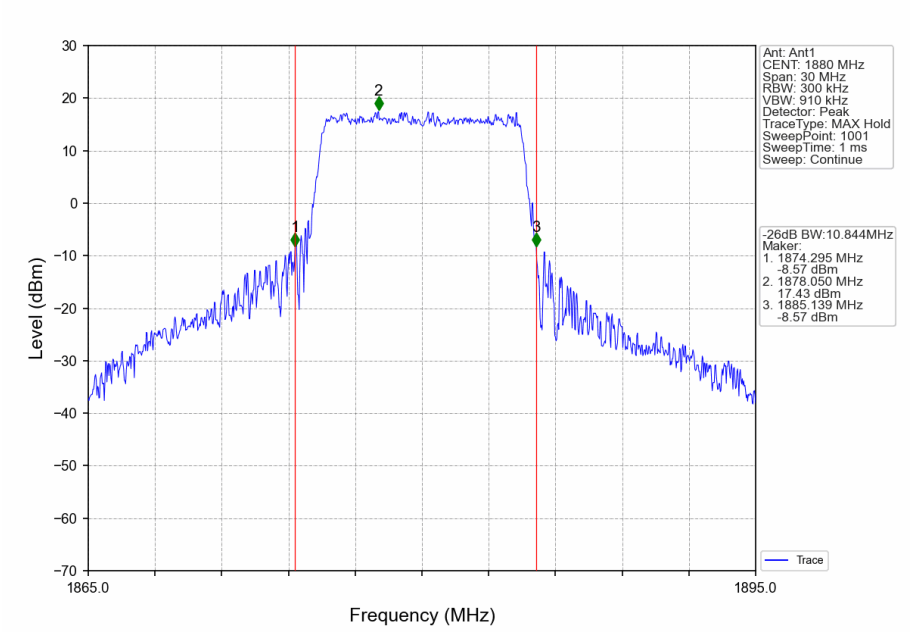


Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

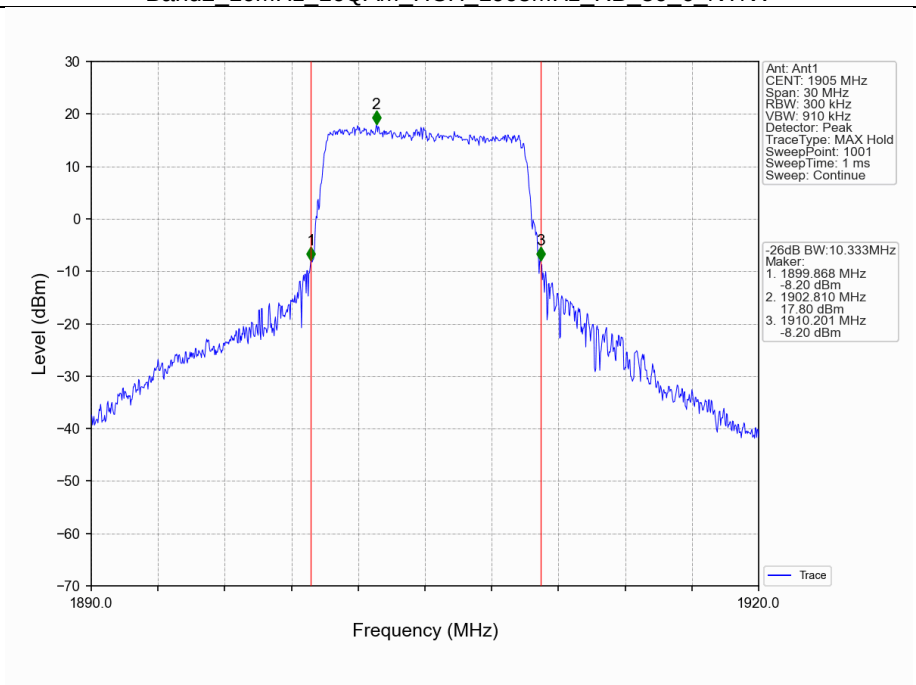


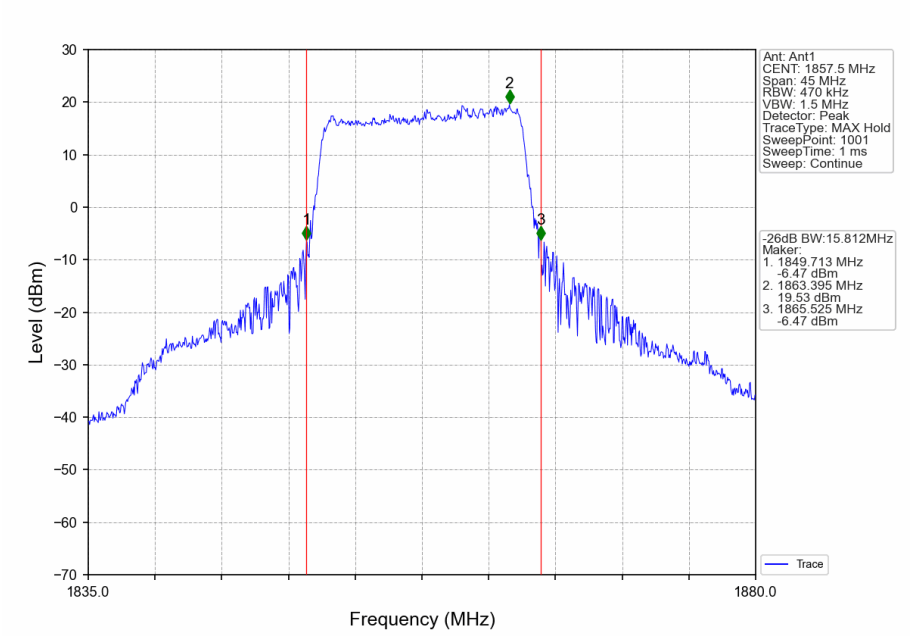

Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



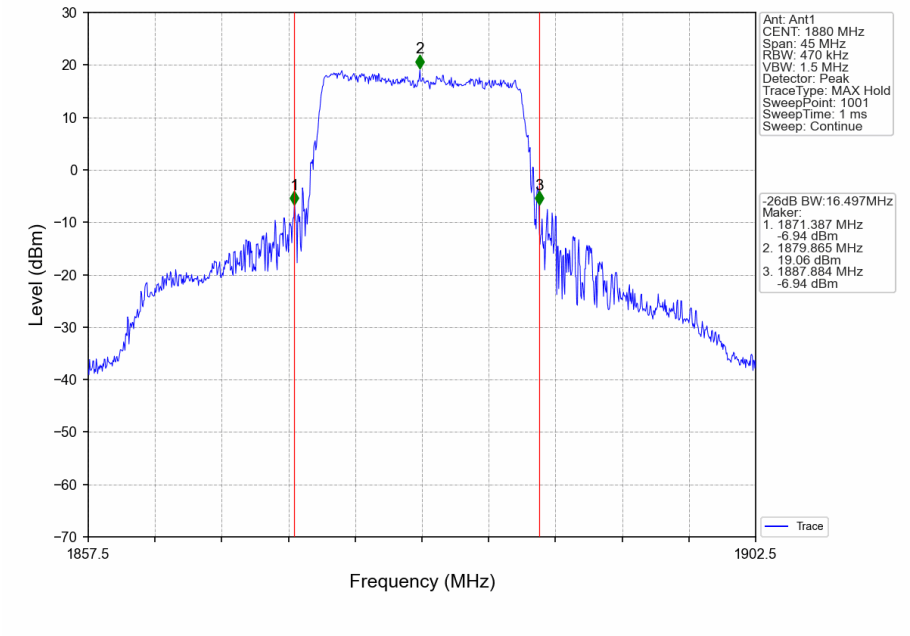
| Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV |
| --- |
|  |



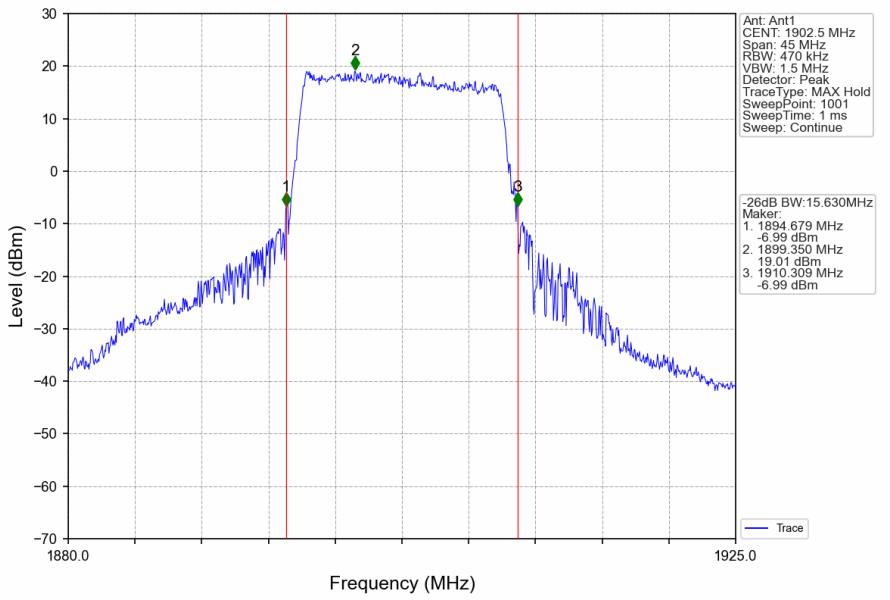
| Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV |
| --- |
|  |

| Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV |
| --- |
|  |

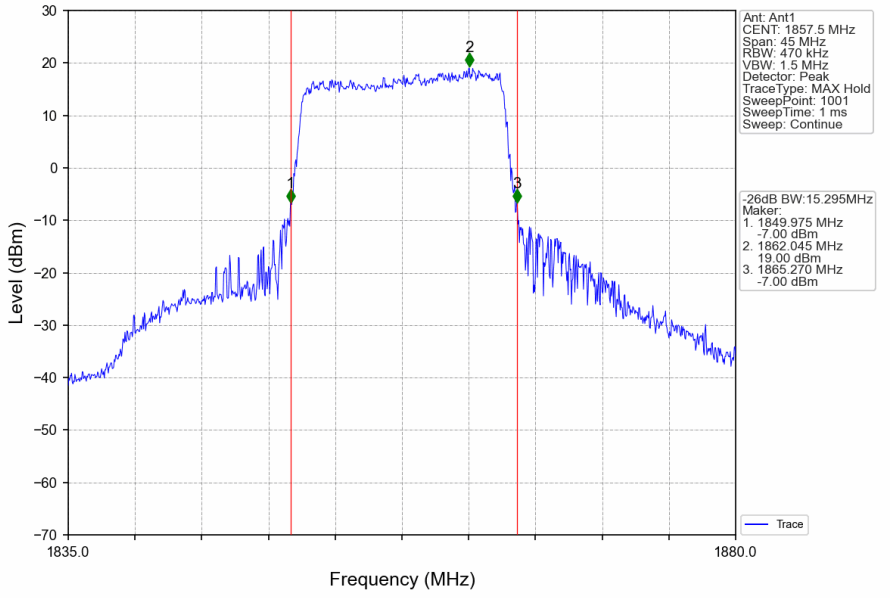


| Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV |
| --- |
|  |

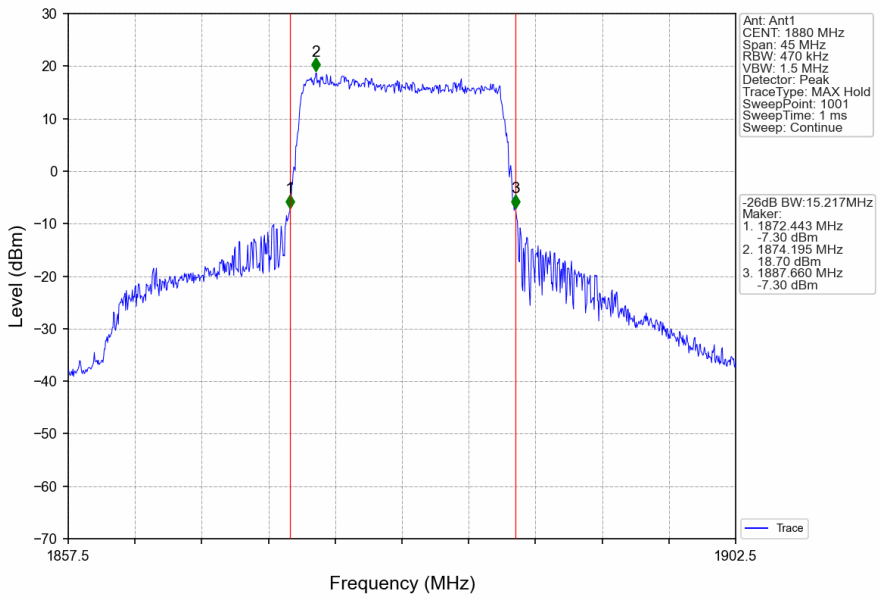
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



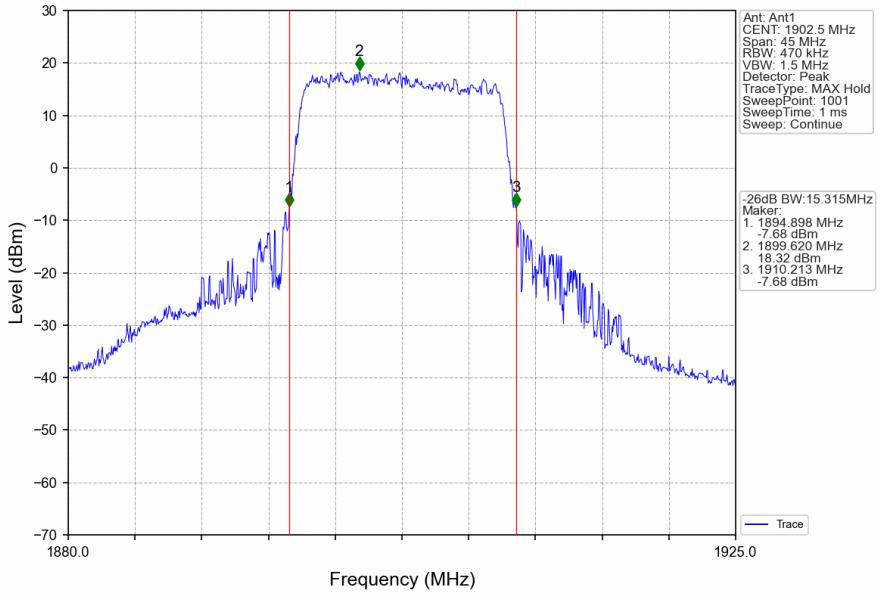

Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

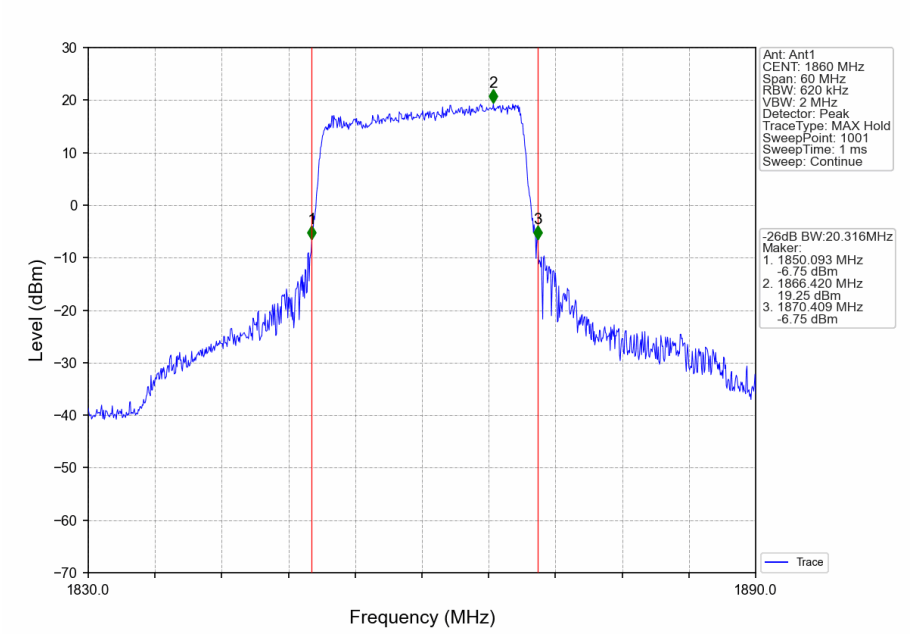


Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV

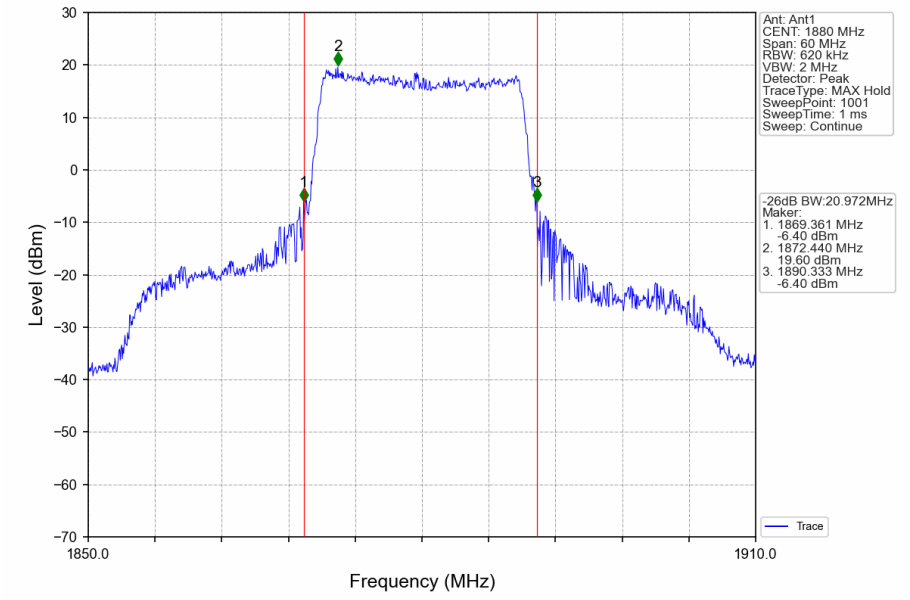



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

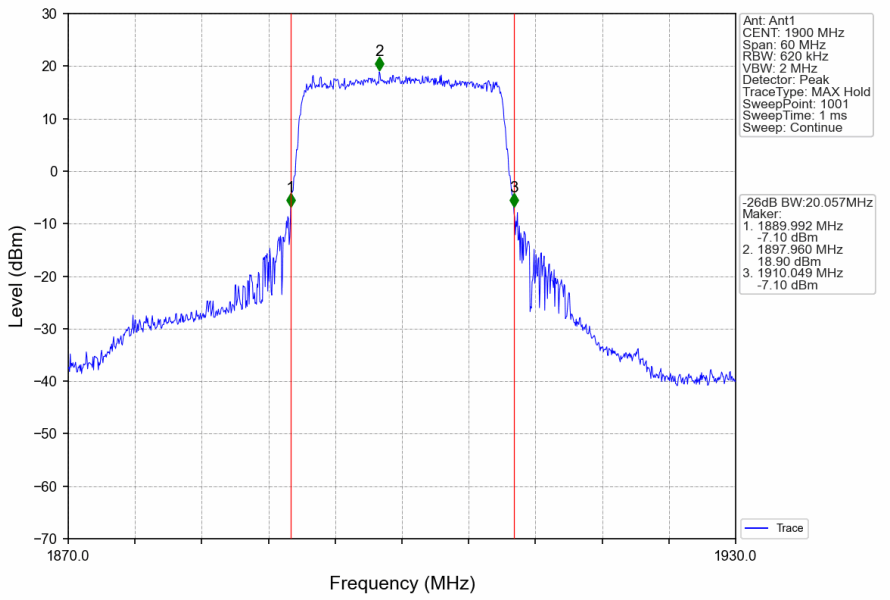


| Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV |
| --- |
|  |

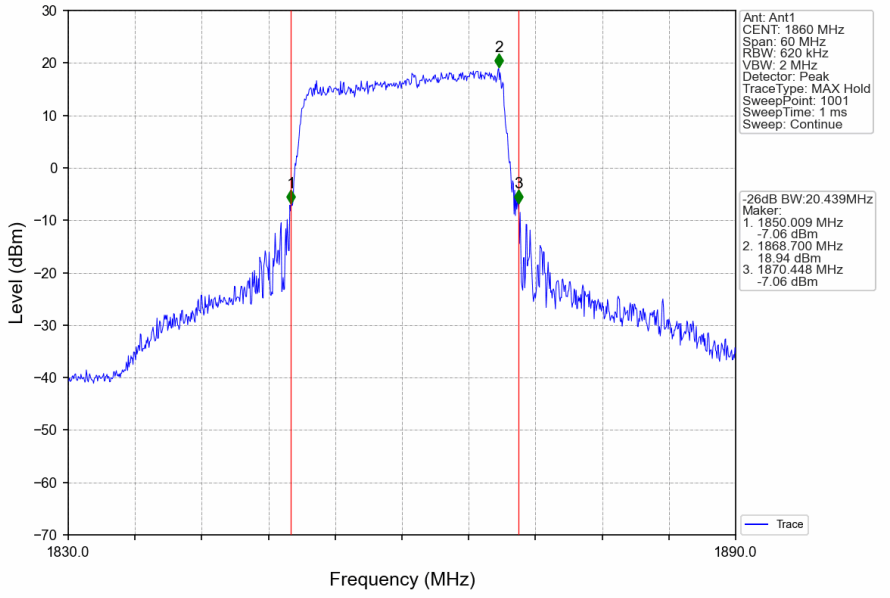


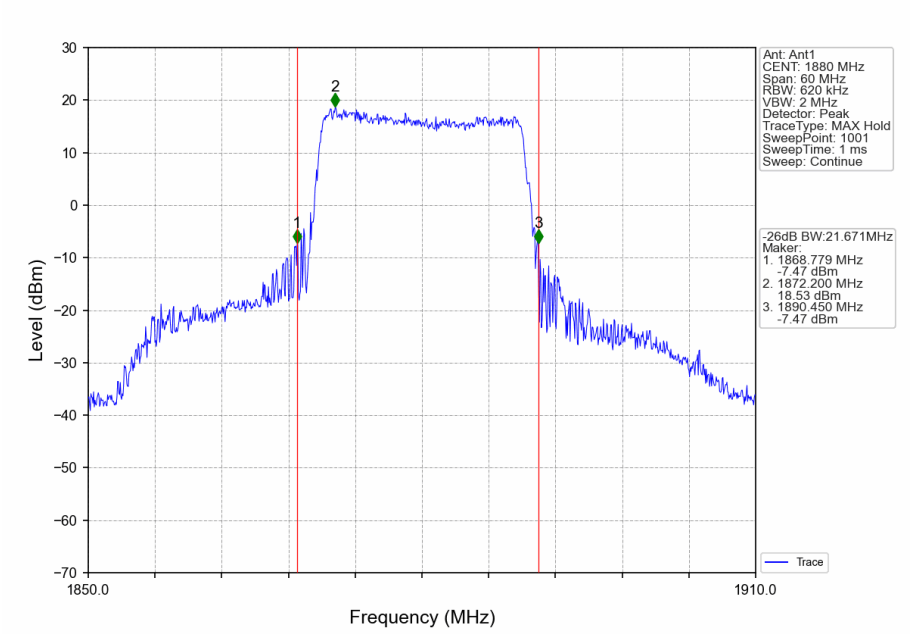
| Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV |
| --- |
|  |

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

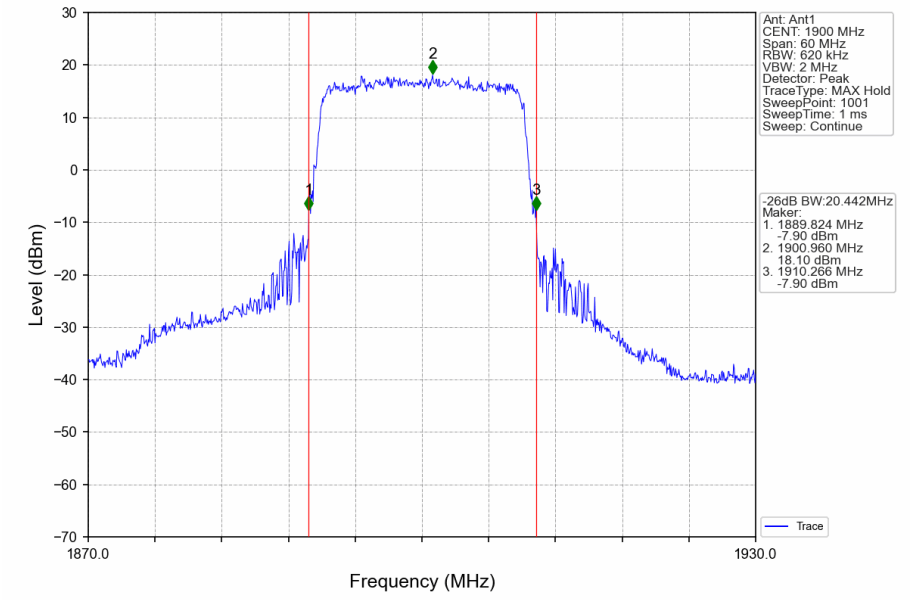



Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



| Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV |
| --- |
|  |



| Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV |
| --- |
|  |

# 5. 99% & 26dB Bandwidth

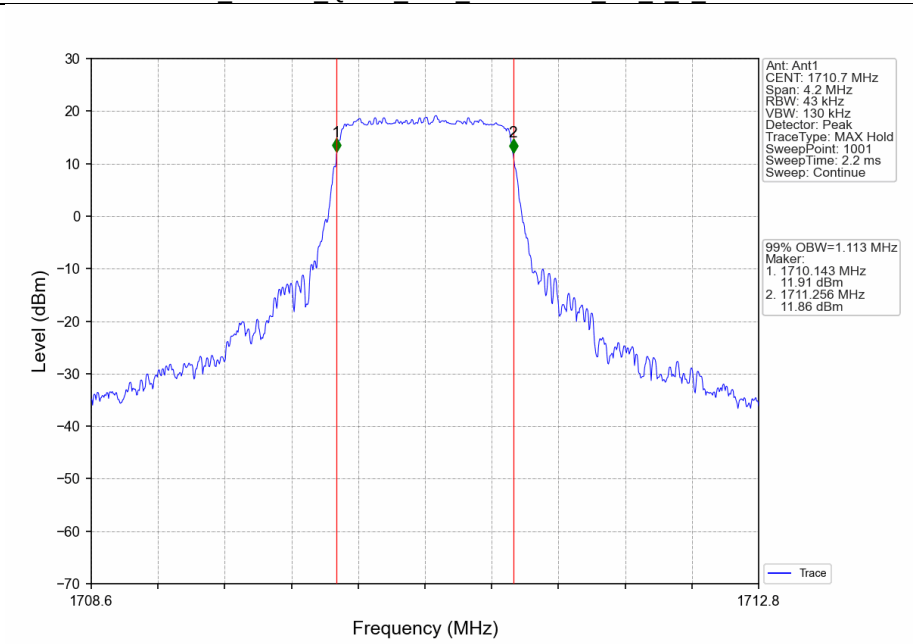
## 5.1 Band4_OBW

### 5.1.1 Test Result

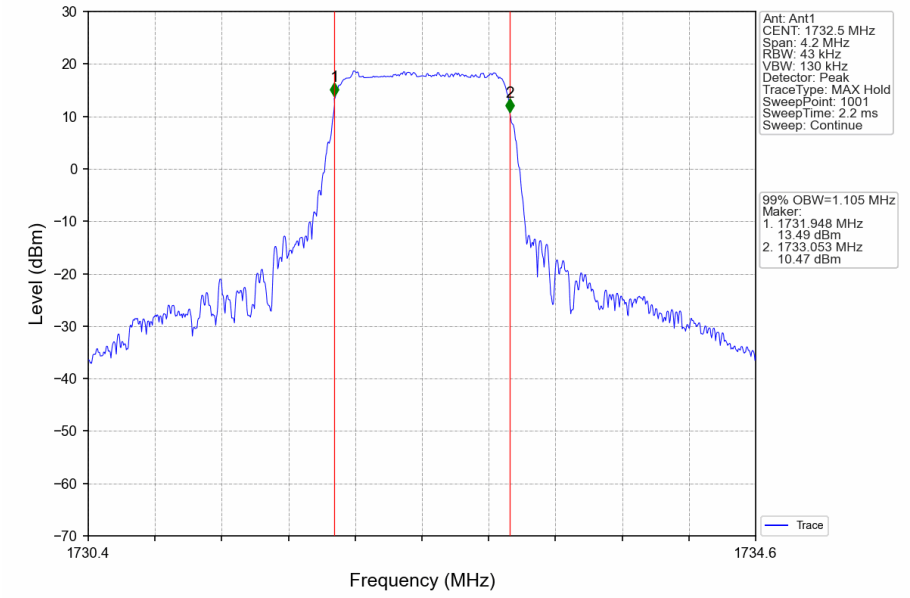
| Band: 4 / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | Verdict |
| | | | Size | Offset | Result | |
| 1.4 | QPSK | 1710.7 | 6 | 0 | 1.113 | Pass |
| | | 1732.5 | 6 | 0 | 1.105 | Pass |
| | | 1754.3 | 6 | 0 | 1.120 | Pass |
| | 16QAM | 1710.7 | 6 | 0 | 1.110 | Pass |
| | | 1732.5 | 6 | 0 | 1.119 | Pass |
| | | 1754.3 | 6 | 0 | 1.120 | Pass |
| 3 | QPSK | 1711.5 | 15 | 0 | 2.761 | Pass |
| | | 1732.5 | 15 | 0 | 2.763 | Pass |
| | | 1753.5 | 15 | 0 | 2.770 | Pass |
| | 16QAM | 1711.5 | 15 | 0 | 2.752 | Pass |
| | | 1732.5 | 15 | 0 | 2.758 | Pass |
| | | 1753.5 | 15 | 0 | 2.776 | Pass |
| 5 | QPSK | 1712.5 | 25 | 0 | 4.594 | Pass |
| | | 1732.5 | 25 | 0 | 4.571 | Pass |
| | | 1752.5 | 25 | 0 | 4.562 | Pass |
| | 16QAM | 1712.5 | 25 | 0 | 4.556 | Pass |
| | | 1732.5 | 25 | 0 | 4.619 | Pass |
| | | 1752.5 | 25 | 0 | 4.613 | Pass |
| 10 | QPSK | 1715 | 50 | 0 | 9.074 | Pass |
| | | 1732.5 | 50 | 0 | 9.108 | Pass |
| | | 1750 | 50 | 0 | 9.069 | Pass |
| | 16QAM | 1715 | 50 | 0 | 9.072 | Pass |
| | | 1732.5 | 50 | 0 | 9.099 | Pass |
| | | 1750 | 50 | 0 | 9.097 | Pass |
| 15 | QPSK | 1717.5 | 75 | 0 | 13.634 | Pass |
| | | 1732.5 | 75 | 0 | 13.634 | Pass |
| | | 1747.5 | 75 | 0 | 13.594 | Pass |
| | 16QAM | 1717.5 | 75 | 0 | 13.648 | Pass |
| | | 1732.5 | 75 | 0 | 13.623 | Pass |
| | | 1747.5 | 75 | 0 | 13.639 | Pass |
| 20 | QPSK | 1720 | 100 | 0 | 18.157 | Pass |
| | | 1732.5 | 100 | 0 | 18.155 | Pass |
| | | 1745 | 100 | 0 | 18.159 | Pass |
| | 16QAM | 1720 | 100 | 0 | 18.213 | Pass |
| | | 1732.5 | 100 | 0 | 18.111 | Pass |
| | | 1745 | 100 | 0 | 18.160 | Pass |

## 5.1.2 Test Graph

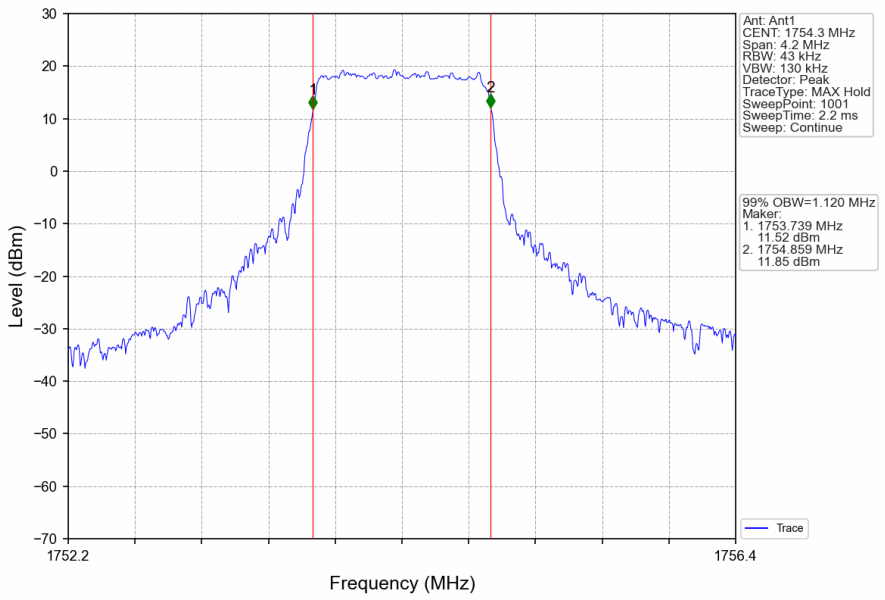
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



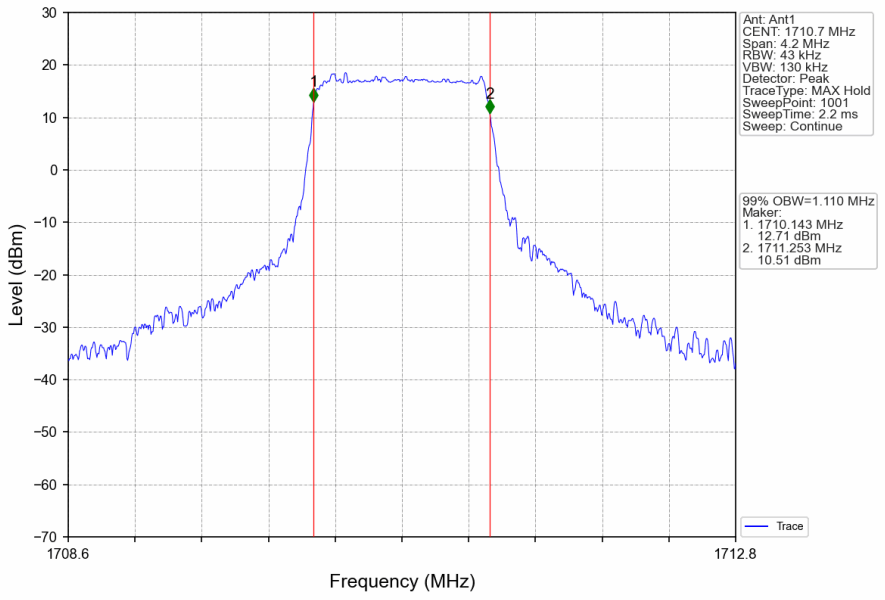

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

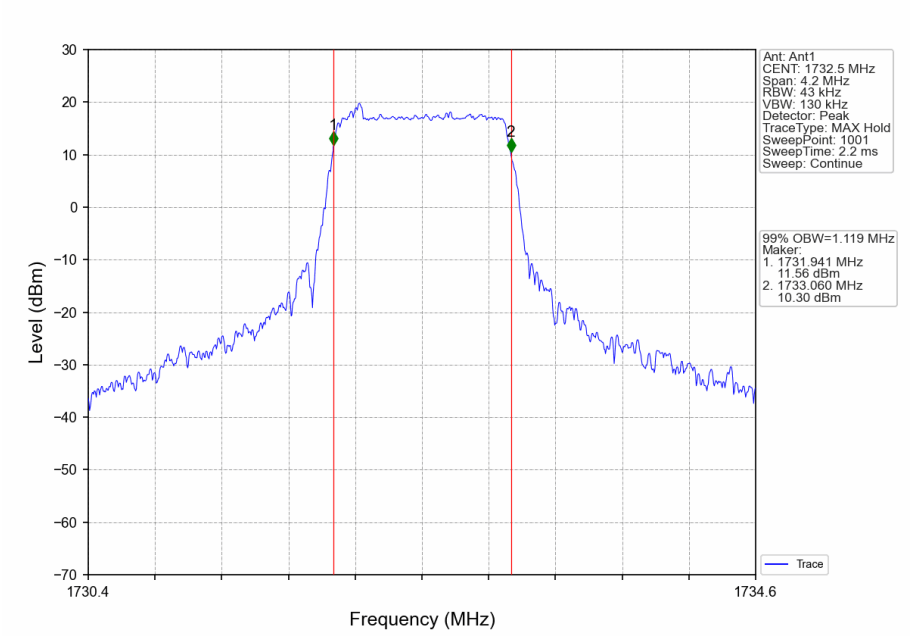


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

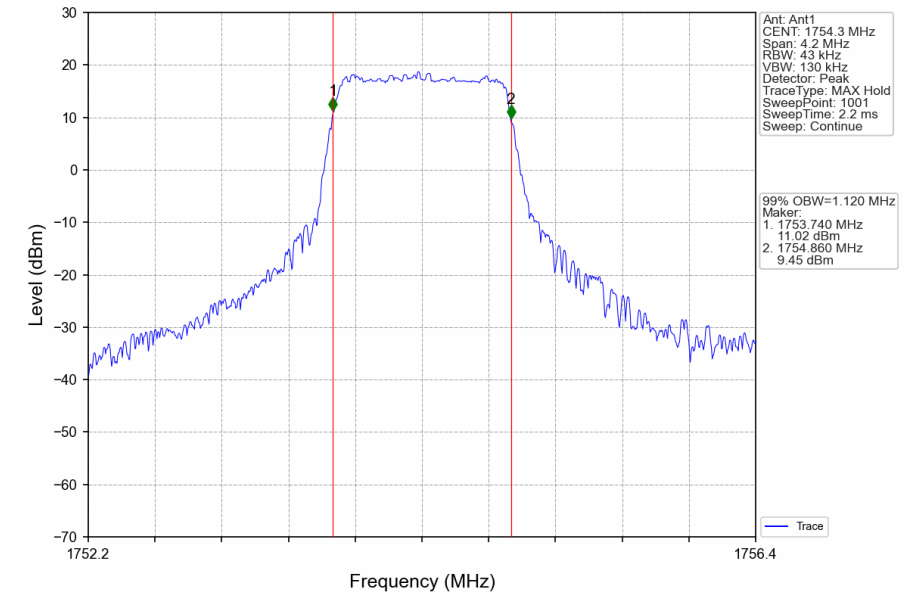



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

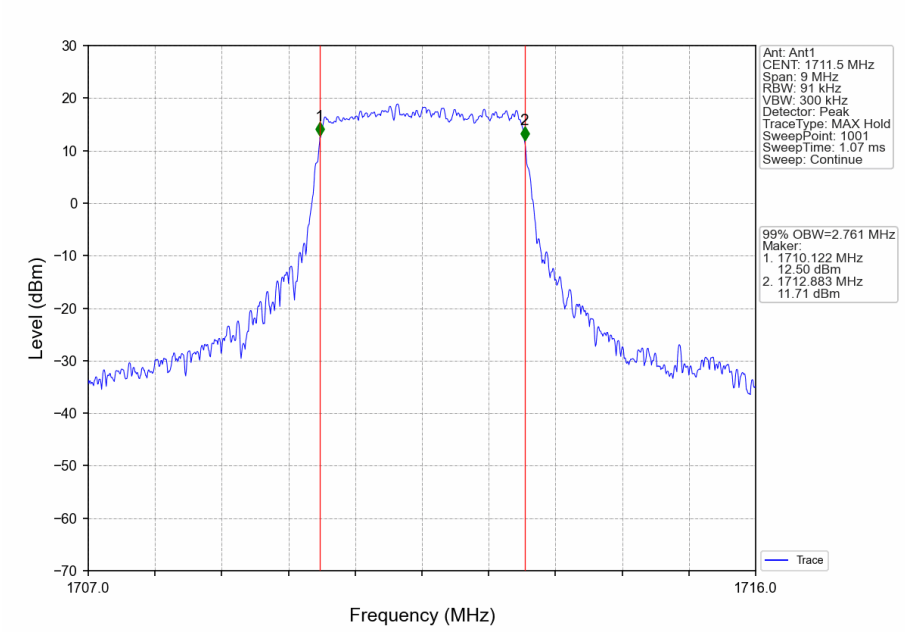


| Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV |
| --- |
|  |

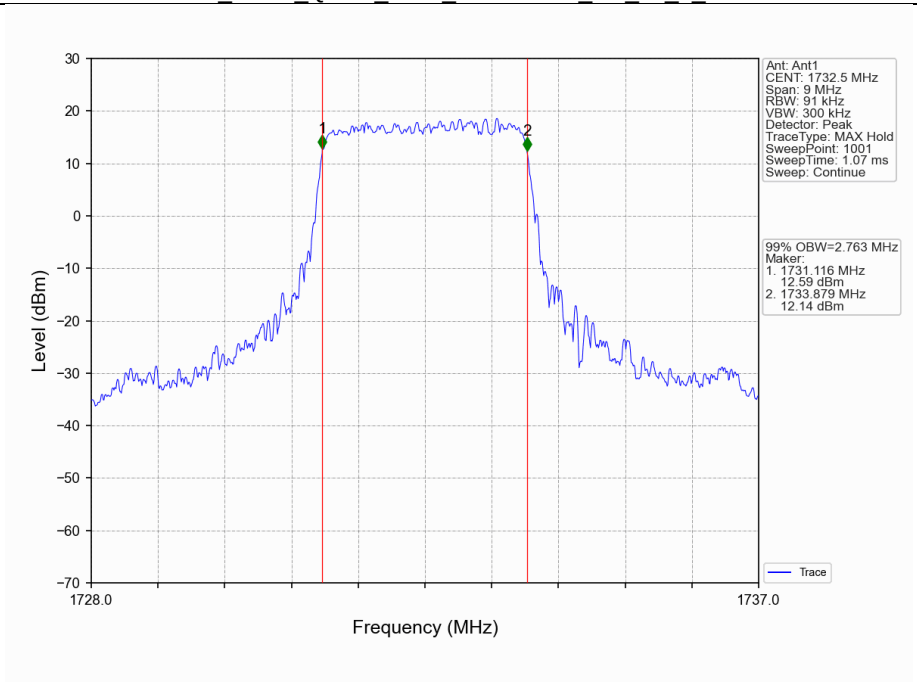


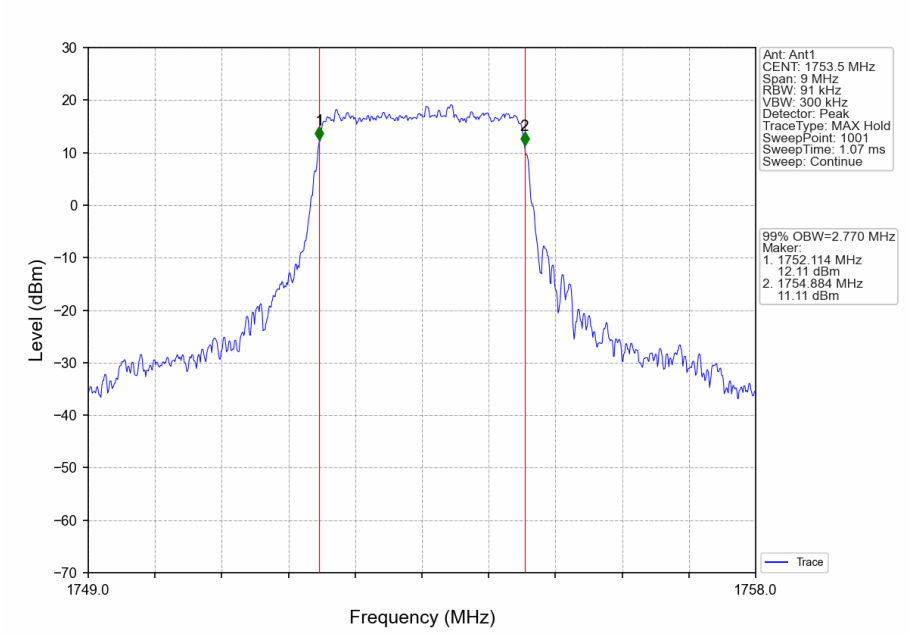
| Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV |
| --- |
|  |

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

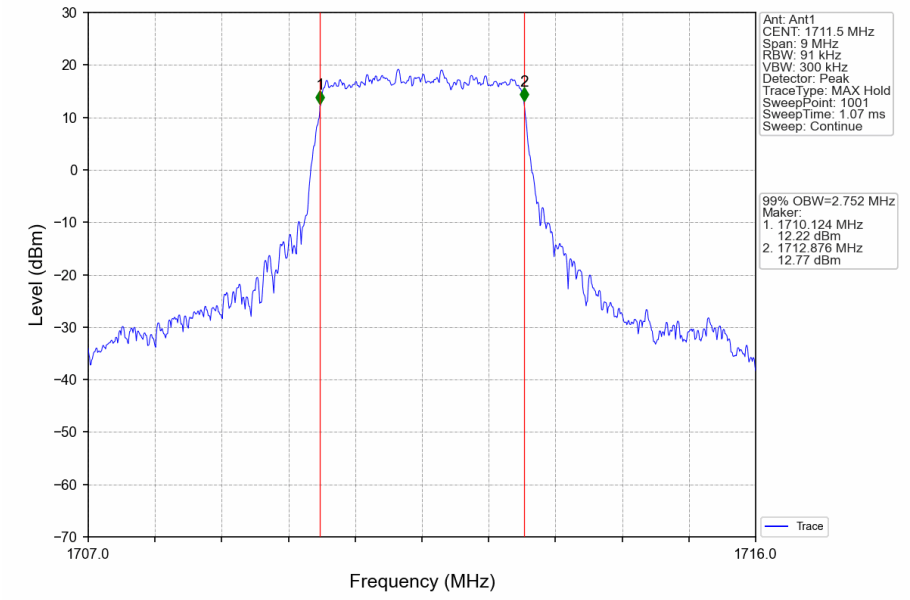



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

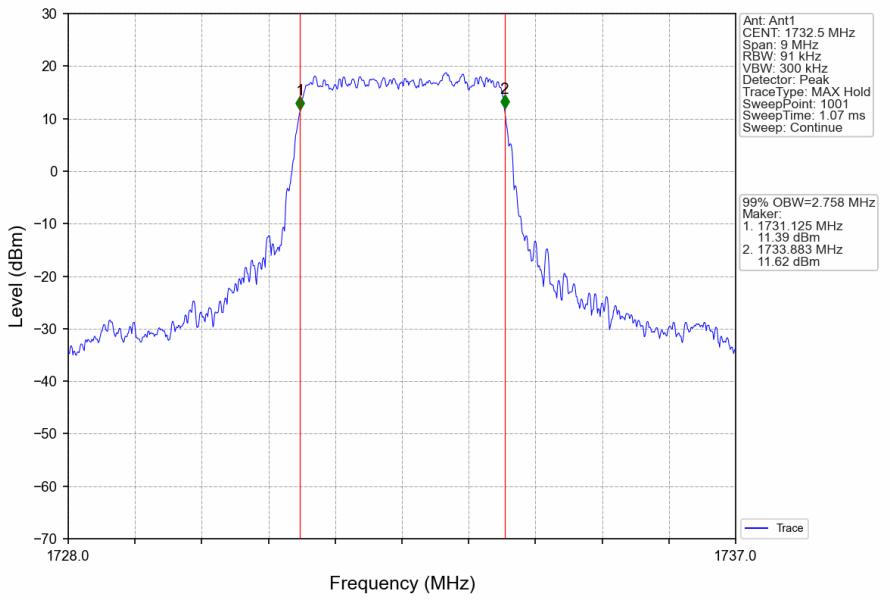


| Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV |
| --- |
|  |

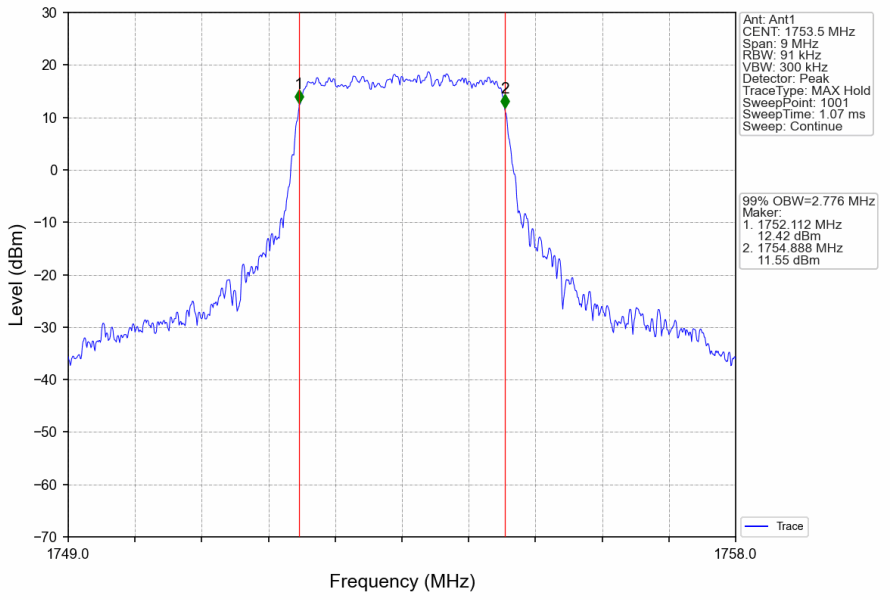


| Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV |
| --- |
|  |

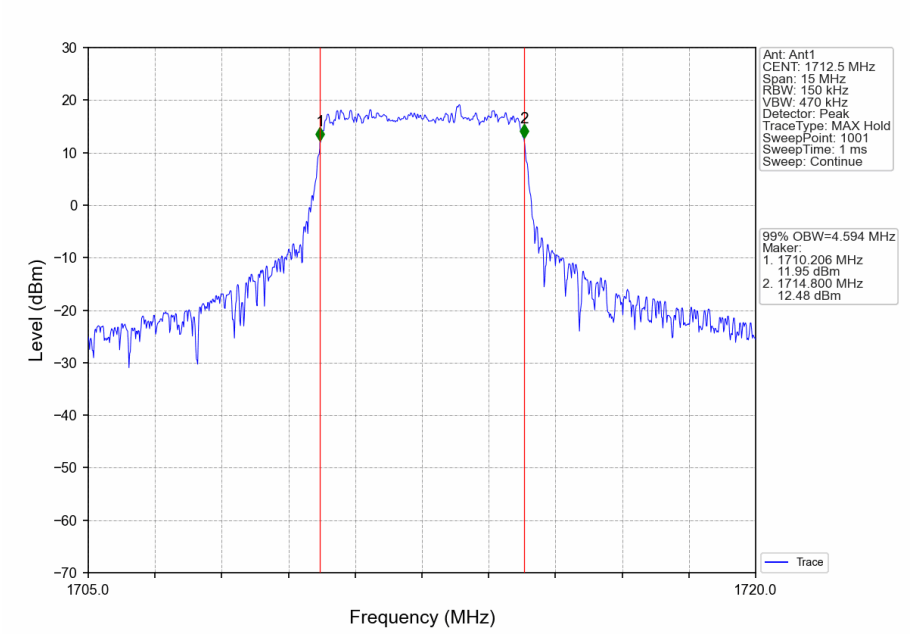
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



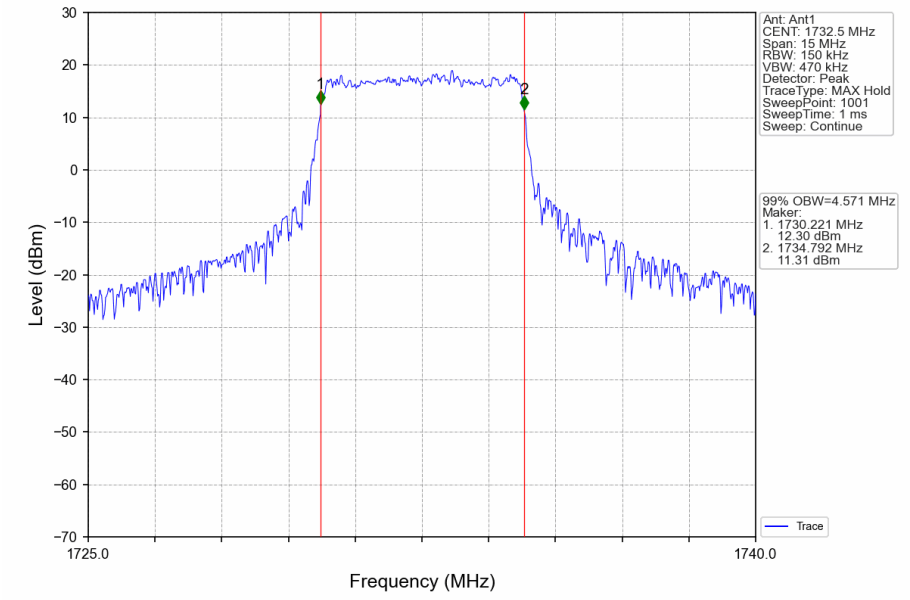

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



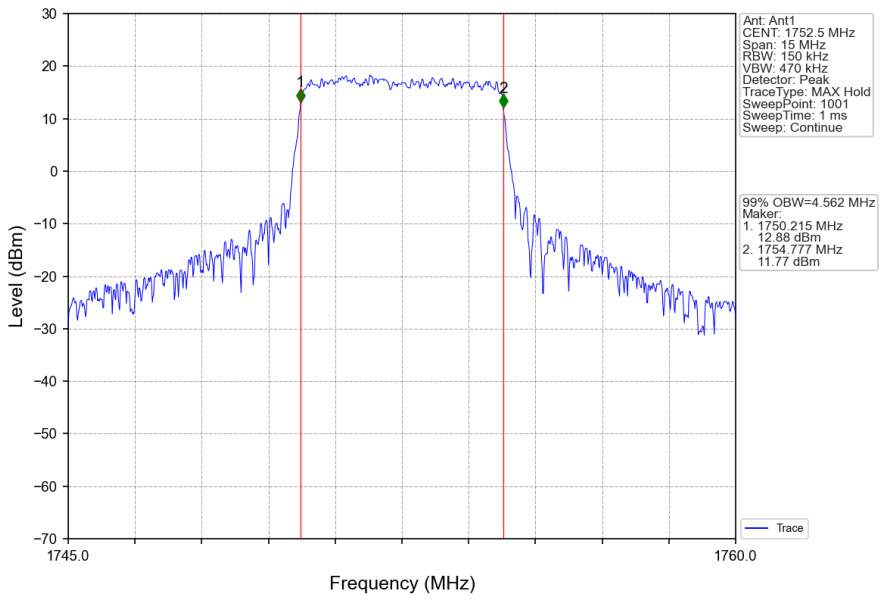
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



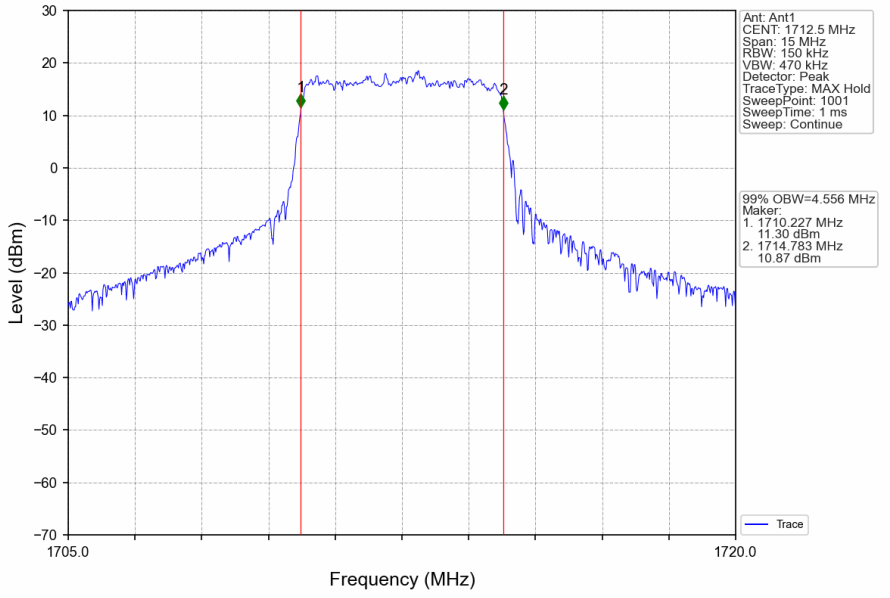

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



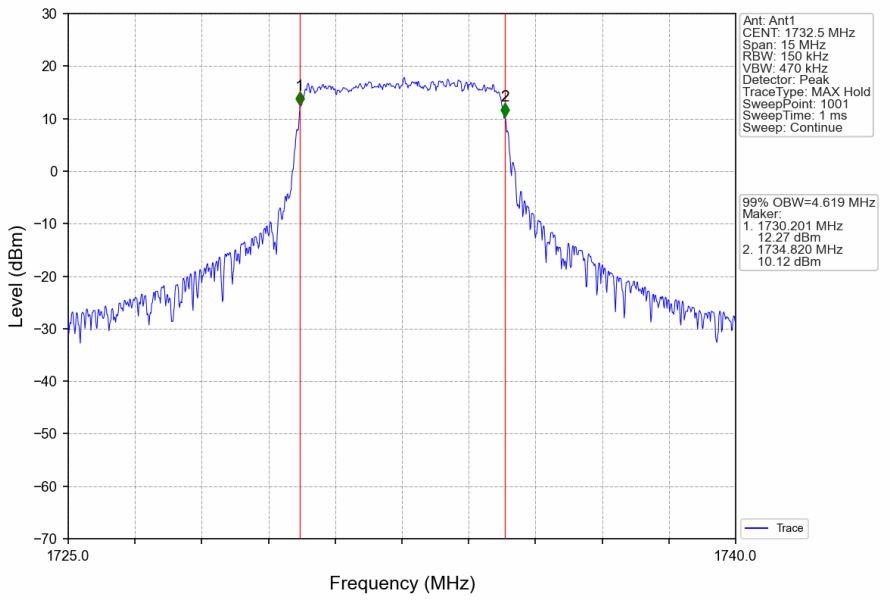
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



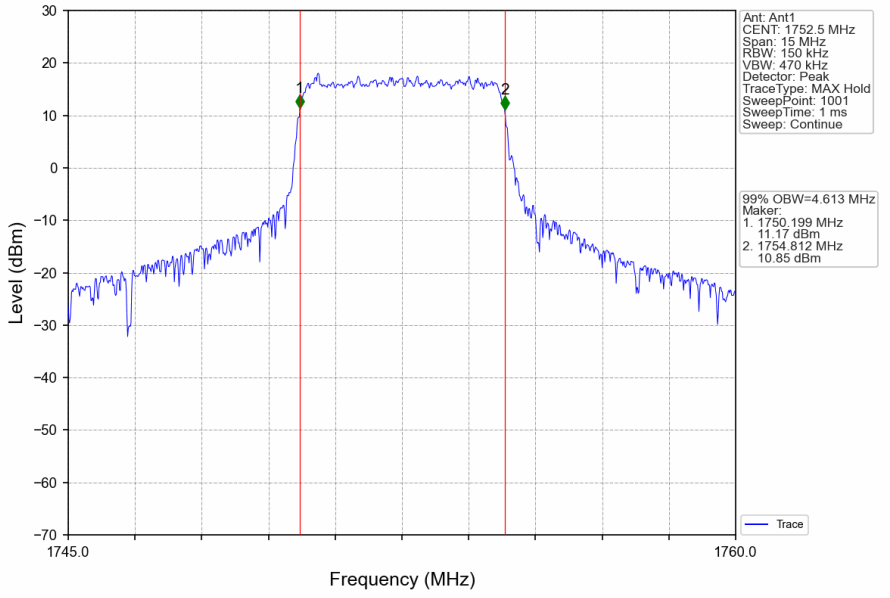

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



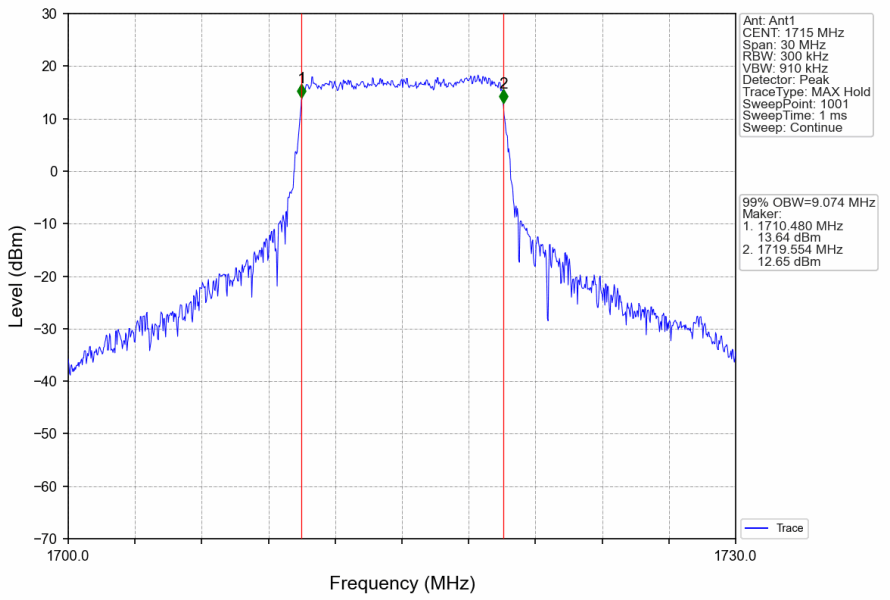
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



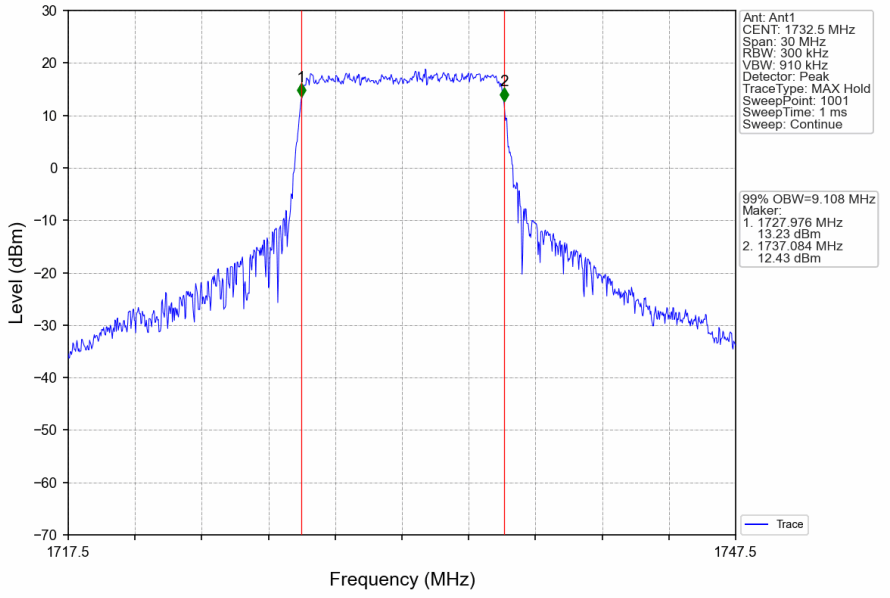

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



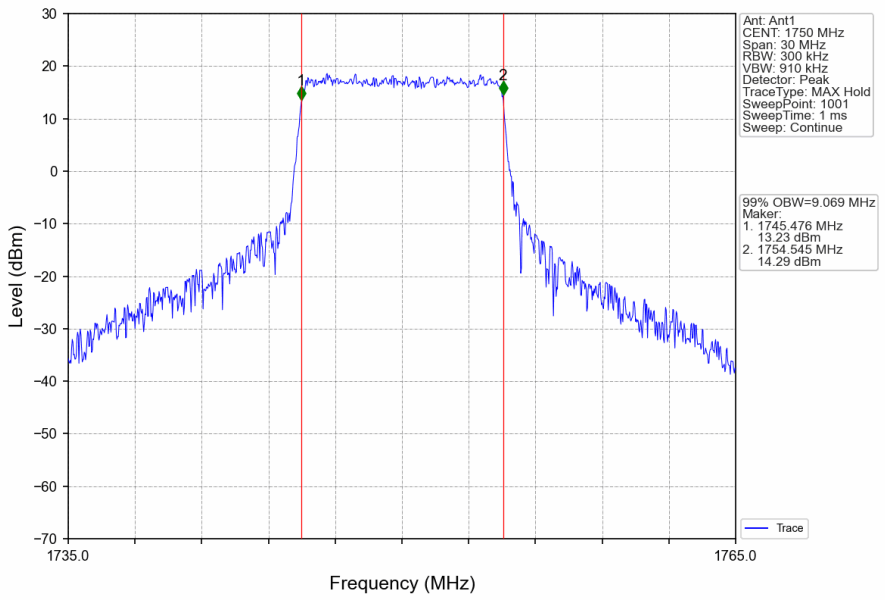
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



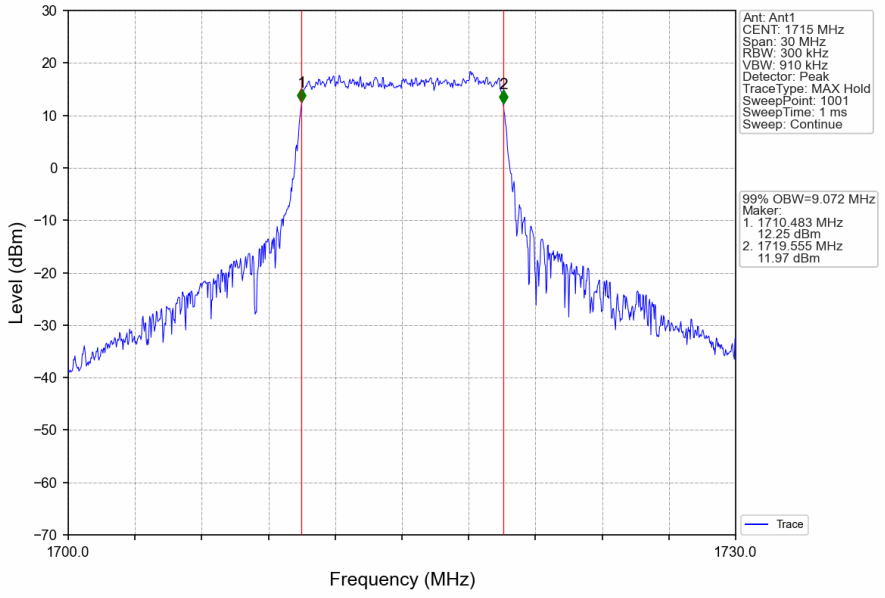

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



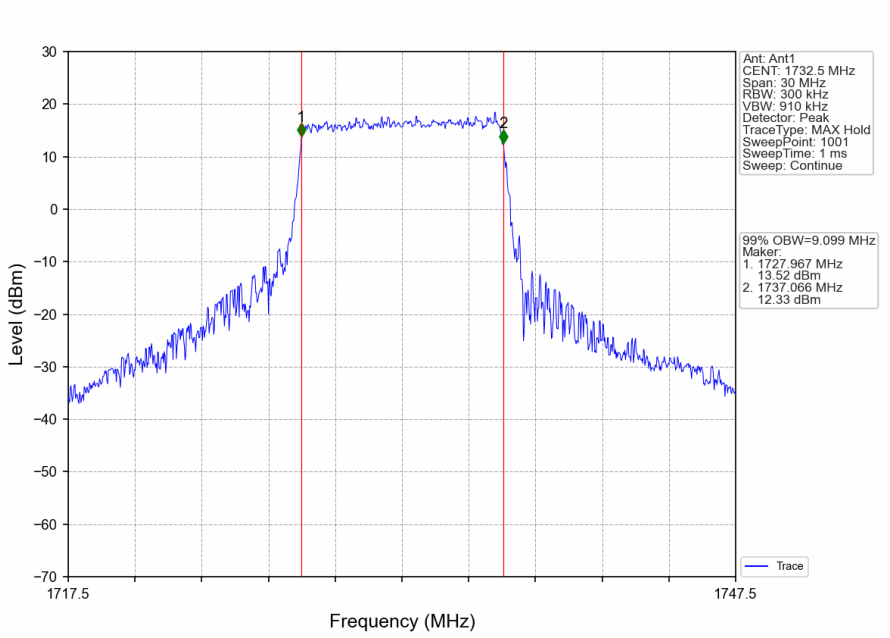
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV




Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV




Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV