

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

### 1.1 Test Result

#### 1.1.1 B2\_1.4MHz\_EIRP

| Band: 2 / Bandwidth: 1.4MHz / NTV        |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1850.7          | 1             | 0      | 22.07                 | 0.16       | 22.23      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 22.22                 | 0.16       | 22.38      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 22.11                 | 0.16       | 22.27      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 22.14                 | 0.16       | 22.30      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 22.18                 | 0.16       | 22.34      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 22.15                 | 0.16       | 22.31      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 21.16                 | 0.16       | 21.32      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 21.96                 | 0.16       | 22.12      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 22.08                 | 0.16       | 22.24      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.97                 | 0.16       | 22.13      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 22.08                 | 0.16       | 22.24      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 22.12                 | 0.16       | 22.28      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 22.05                 | 0.16       | 22.21      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 21.05                 | 0.16       | 21.21      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 22.06                 | 0.16       | 22.22      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 22.18                 | 0.16       | 22.34      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 22.05                 | 0.16       | 22.21      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 22.10                 | 0.16       | 22.26      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 22.15                 | 0.16       | 22.31      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 22.10                 | 0.16       | 22.26      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 21.12                 | 0.16       | 21.28      | <=33.01 | Pass    |
| 16QAM                                    | 1850.7          | 1             | 0      | 21.05                 | 0.16       | 21.21      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.18                 | 0.16       | 21.34      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.13                 | 0.16       | 21.29      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 21.16                 | 0.16       | 21.32      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.16                 | 0.16       | 21.32      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.14                 | 0.16       | 21.30      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.06                 | 0.16       | 20.22      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.22                 | 0.16       | 21.38      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 21.01                 | 0.16       | 21.17      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.06                 | 0.16       | 21.22      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.03                 | 0.16       | 21.19      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.07                 | 0.16       | 20.23      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 21.03                 | 0.16       | 21.19      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.17                 | 0.16       | 21.33      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.06                 | 0.16       | 21.22      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 21.06                 | 0.16       | 21.22      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.14                 | 0.16       | 21.30      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.09                 | 0.16       | 21.25      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.05                 | 0.16       | 20.21      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

#### 1.1.2 B2\_3MHz\_EIRP

|                                  |
|----------------------------------|
| Band: 2 / Bandwidth: 3MHz / NTNV |
|----------------------------------|

| Modulation                               | Frequency<br>(MHz) | RB Allocation |        | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |      |
|------------------------------------------|--------------------|---------------|--------|--------------------------|---------------|------------|---------|---------|------|
|                                          |                    | Size          | Offset |                          |               | Result     | Limit   |         |      |
| QPSK                                     | 1851.5             | 1             | 0      | 22.14                    | 0.16          | 22.30      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 22.24                    | 0.16          | 22.40      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 22.07                    | 0.16          | 22.23      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 21.17                    | 0.16          | 21.33      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 21.18                    | 0.16          | 21.34      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.11                    | 0.16          | 21.27      | <=33.01 | Pass    |      |
|                                          |                    | 15            | 0      | 21.12                    | 0.16          | 21.28      | <=33.01 | Pass    |      |
|                                          |                    | 1880          | 1      | 0                        | 22.04         | 0.16       | 22.20   | <=33.01 | Pass |
|                                          |                    |               |        | 7                        | 22.19         | 0.16       | 22.35   | <=33.01 | Pass |
|                                          | 14                 |               |        | 22.02                    | 0.16          | 22.18      | <=33.01 | Pass    |      |
|                                          | 8                  |               | 0      | 21.07                    | 0.16          | 21.23      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 21.13                    | 0.16          | 21.29      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.06                    | 0.16          | 21.22      | <=33.01 | Pass    |      |
|                                          | 15                 | 0             | 21.05  | 0.16                     | 21.21         | <=33.01    | Pass    |         |      |
|                                          | 1908.5             | 1             | 0      | 22.13                    | 0.16          | 22.29      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 22.30                    | 0.16          | 22.46      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 22.19                    | 0.16          | 22.35      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 21.15                    | 0.16          | 21.31      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 21.20                    | 0.16          | 21.36      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.15                    | 0.16          | 21.31      | <=33.01 | Pass    |      |
|                                          |                    | 15            | 0      | 21.12                    | 0.16          | 21.28      | <=33.01 | Pass    |      |
| 16QAM                                    |                    | 1851.5        | 1      | 0                        | 21.26         | 0.16       | 21.42   | <=33.01 | Pass |
|                                          |                    |               |        | 7                        | 21.39         | 0.16       | 21.55   | <=33.01 | Pass |
|                                          | 14                 |               |        | 21.22                    | 0.16          | 21.38      | <=33.01 | Pass    |      |
|                                          | 8                  |               | 0      | 20.14                    | 0.16          | 20.30      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.18                    | 0.16          | 20.34      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.07                    | 0.16          | 20.23      | <=33.01 | Pass    |      |
|                                          | 15                 |               | 0      | 20.09                    | 0.16          | 20.25      | <=33.01 | Pass    |      |
|                                          | 1880               | 1             | 0      | 21.62                    | 0.16          | 21.78      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.74                    | 0.16          | 21.90      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 21.54                    | 0.16          | 21.70      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 20.24                    | 0.16          | 20.40      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.27                    | 0.16          | 20.43      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.25                    | 0.16          | 20.41      | <=33.01 | Pass    |      |
|                                          | 15                 | 0             | 20.13  | 0.16                     | 20.29         | <=33.01    | Pass    |         |      |
|                                          | 1908.5             | 1             | 0      | 21.25                    | 0.16          | 21.41      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.41                    | 0.16          | 21.57      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 21.24                    | 0.16          | 21.40      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 20.12                    | 0.16          | 20.28      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.16                    | 0.16          | 20.32      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.11                    | 0.16          | 20.27      | <=33.01 | Pass    |      |
|                                          |                    | 15            | 0      | 20.10                    | 0.16          | 20.26      | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |                    |               |        |                          |               |            |         |         |      |

### 1.1.3 B2\_5MHz\_EIRP

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1852.5          | 1             | 0      | 22.06                 | 0.16       | 22.22      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 22.17                 | 0.16       | 22.33      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.99                 | 0.16       | 22.15      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 21.15                 | 0.16       | 21.31      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.08                 | 0.16       | 21.24      | <=33.01 | Pass    |

|                                          |       |        |       |       |       |         |         |         |      |
|------------------------------------------|-------|--------|-------|-------|-------|---------|---------|---------|------|
|                                          | 1880  | 25     | 0     | 21.08 | 0.16  | 21.24   | <=33.01 | Pass    |      |
|                                          |       | 1      | 0     | 22.00 | 0.16  | 22.16   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 22.13 | 0.16  | 22.29   | <=33.01 | Pass    |      |
|                                          |       |        | 24    | 21.99 | 0.16  | 22.15   | <=33.01 | Pass    |      |
|                                          |       |        | 0     | 21.05 | 0.16  | 21.21   | <=33.01 | Pass    |      |
|                                          |       | 12     | 6     | 21.13 | 0.16  | 21.29   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 21.09 | 0.16  | 21.25   | <=33.01 | Pass    |      |
|                                          |       |        | 25    | 0     | 21.07 | 0.16    | 21.23   | <=33.01 | Pass |
|                                          |       | 1907.5 | 1     | 0     | 21.97 | 0.16    | 22.13   | <=33.01 | Pass |
|                                          |       |        |       | 13    | 22.16 | 0.16    | 22.32   | <=33.01 | Pass |
|                                          | 24    |        |       | 21.98 | 0.16  | 22.14   | <=33.01 | Pass    |      |
|                                          | 12    |        | 0     | 21.05 | 0.16  | 21.21   | <=33.01 | Pass    |      |
|                                          |       |        | 6     | 21.15 | 0.16  | 21.31   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 21.09 | 0.16  | 21.25   | <=33.01 | Pass    |      |
|                                          | 25    | 0      | 21.07 | 0.16  | 21.23 | <=33.01 | Pass    |         |      |
|                                          | 16QAM | 1852.5 | 1     | 0     | 21.10 | 0.16    | 21.26   | <=33.01 | Pass |
| 13                                       |       |        |       | 21.23 | 0.16  | 21.39   | <=33.01 | Pass    |      |
| 24                                       |       |        |       | 21.08 | 0.16  | 21.24   | <=33.01 | Pass    |      |
| 12                                       |       |        | 0     | 20.13 | 0.16  | 20.29   | <=33.01 | Pass    |      |
|                                          |       |        | 6     | 20.15 | 0.16  | 20.31   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 20.05 | 0.16  | 20.21   | <=33.01 | Pass    |      |
|                                          |       |        | 25    | 0     | 20.15 | 0.16    | 20.31   | <=33.01 | Pass |
| 1880                                     |       |        | 1     | 0     | 21.24 | 0.16    | 21.40   | <=33.01 | Pass |
|                                          |       | 13     |       | 21.38 | 0.16  | 21.54   | <=33.01 | Pass    |      |
|                                          |       | 24     |       | 21.24 | 0.16  | 21.40   | <=33.01 | Pass    |      |
|                                          |       | 12     | 0     | 20.07 | 0.16  | 20.23   | <=33.01 | Pass    |      |
|                                          |       |        | 6     | 20.20 | 0.16  | 20.36   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 20.15 | 0.16  | 20.31   | <=33.01 | Pass    |      |
|                                          |       | 25     | 0     | 20.09 | 0.16  | 20.25   | <=33.01 | Pass    |      |
| 1907.5                                   |       | 1      | 0     | 20.88 | 0.16  | 21.04   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 21.00 | 0.16  | 21.16   | <=33.01 | Pass    |      |
|                                          |       |        | 24    | 20.84 | 0.16  | 21.00   | <=33.01 | Pass    |      |
|                                          |       | 12     | 0     | 20.07 | 0.16  | 20.23   | <=33.01 | Pass    |      |
|                                          |       |        | 6     | 20.14 | 0.16  | 20.30   | <=33.01 | Pass    |      |
|                                          |       |        | 13    | 20.11 | 0.16  | 20.27   | <=33.01 | Pass    |      |
|                                          |       | 25     | 0     | 20.13 | 0.16  | 20.29   | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |        |       |       |       |         |         |         |      |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B2\_10MHz\_EIRP

| Band: 2 / Bandwidth: 10MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1855            | 1             | 0      | 22.11                 | 0.16       | 22.27      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.27                 | 0.16       | 22.43      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 22.04                 | 0.16       | 22.20      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.07                 | 0.16       | 21.23      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.06                 | 0.16       | 21.22      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.05                 | 0.16       | 21.21      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 22.01                 | 0.16       | 22.17      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 22.17                 | 0.16       | 22.33      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 21.98                 | 0.16       | 22.14      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.00                 | 0.16       | 21.16      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.05                 | 0.16       | 21.21      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.07                 | 0.16       | 21.23      | <=33.01 | Pass    |

|                                          |       |       |      |       |       |       |         |         |         |      |
|------------------------------------------|-------|-------|------|-------|-------|-------|---------|---------|---------|------|
|                                          | 1905  | 1     | 0    | 22.02 | 0.16  | 22.18 | <=33.01 | Pass    |         |      |
|                                          |       |       | 25   | 22.18 | 0.16  | 22.34 | <=33.01 | Pass    |         |      |
|                                          |       |       | 49   | 22.06 | 0.16  | 22.22 | <=33.01 | Pass    |         |      |
|                                          |       | 25    | 0    | 21.09 | 0.16  | 21.25 | <=33.01 | Pass    |         |      |
|                                          |       |       | 13   | 21.10 | 0.16  | 21.26 | <=33.01 | Pass    |         |      |
|                                          |       |       | 25   | 21.18 | 0.16  | 21.34 | <=33.01 | Pass    |         |      |
|                                          |       | 50    | 0    | 21.11 | 0.16  | 21.27 | <=33.01 | Pass    |         |      |
|                                          |       | 16QAM | 1855 | 1     | 0     | 21.05 | 0.16    | 21.21   | <=33.01 | Pass |
|                                          |       |       |      |       | 25    | 21.22 | 0.16    | 21.38   | <=33.01 | Pass |
| 49                                       | 21.01 |       |      |       | 0.16  | 21.17 | <=33.01 | Pass    |         |      |
| 25                                       | 0     |       |      | 20.21 | 0.16  | 20.37 | <=33.01 | Pass    |         |      |
|                                          | 13    |       |      | 20.17 | 0.16  | 20.33 | <=33.01 | Pass    |         |      |
|                                          | 25    |       |      | 20.16 | 0.16  | 20.32 | <=33.01 | Pass    |         |      |
| 50                                       | 0     |       |      | 20.11 | 0.16  | 20.27 | <=33.01 | Pass    |         |      |
| 1880                                     | 1     |       |      | 0     | 21.20 | 0.16  | 21.36   | <=33.01 | Pass    |      |
|                                          |       |       |      | 25    | 21.37 | 0.16  | 21.53   | <=33.01 | Pass    |      |
|                                          |       |       | 49   | 21.16 | 0.16  | 21.32 | <=33.01 | Pass    |         |      |
|                                          | 25    |       | 0    | 20.05 | 0.16  | 20.21 | <=33.01 | Pass    |         |      |
|                                          |       |       | 13   | 20.14 | 0.16  | 20.30 | <=33.01 | Pass    |         |      |
|                                          |       |       | 25   | 20.16 | 0.16  | 20.32 | <=33.01 | Pass    |         |      |
|                                          | 50    |       | 0    | 20.11 | 0.16  | 20.27 | <=33.01 | Pass    |         |      |
|                                          | 1905  |       | 1    | 0     | 21.50 | 0.16  | 21.66   | <=33.01 | Pass    |      |
|                                          |       |       |      | 25    | 21.78 | 0.16  | 21.94   | <=33.01 | Pass    |      |
| 49                                       |       |       |      | 21.50 | 0.16  | 21.66 | <=33.01 | Pass    |         |      |
| 25                                       |       |       | 0    | 20.15 | 0.16  | 20.31 | <=33.01 | Pass    |         |      |
|                                          |       |       | 13   | 20.16 | 0.16  | 20.32 | <=33.01 | Pass    |         |      |
|                                          |       |       | 25   | 20.22 | 0.16  | 20.38 | <=33.01 | Pass    |         |      |
| 50                                       |       |       | 0    | 20.14 | 0.16  | 20.30 | <=33.01 | Pass    |         |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |       |      |       |       |       |         |         |         |      |

### 1.1.5 B2\_15MHz\_EIRP

| Band: 2 / Bandwidth: 15MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1857.5          | 1             | 0      | 21.98                 | 0.16       | 22.14      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.99                 | 0.16       | 22.15      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.91                 | 0.16       | 22.07      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.13                 | 0.16       | 21.29      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.03                 | 0.16       | 21.19      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.08                 | 0.16       | 21.24      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.92                 | 0.16       | 22.08      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 22.00                 | 0.16       | 22.16      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.91                 | 0.16       | 22.07      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.01                 | 0.16       | 21.17      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.08                 | 0.16       | 21.24      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.11                 | 0.16       | 21.27      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.05                 | 0.16       | 21.21      | <=33.01 | Pass    |
|                                   | 1902.5          | 1             | 0      | 21.90                 | 0.16       | 22.06      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.99                 | 0.16       | 22.15      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.94                 | 0.16       | 22.10      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 21.13                 | 0.16       | 21.29      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 21.08                 | 0.16       | 21.24      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 21.15                 | 0.16       | 21.31      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 21.16                 | 0.16       | 21.32      | <=33.01 | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | 21.25                 | 0.16       | 21.41      | <=33.01 | Pass    |

|                                          |        |    |       |       |       |         |         |      |
|------------------------------------------|--------|----|-------|-------|-------|---------|---------|------|
|                                          |        |    | 38    | 21.32 | 0.16  | 21.48   | <=33.01 | Pass |
|                                          |        |    | 74    | 21.25 | 0.16  | 21.41   | <=33.01 | Pass |
|                                          |        | 36 | 0     | 20.05 | 0.16  | 20.21   | <=33.01 | Pass |
|                                          |        |    | 18    | 20.04 | 0.16  | 20.20   | <=33.01 | Pass |
|                                          |        |    | 39    | 19.97 | 0.16  | 20.13   | <=33.01 | Pass |
|                                          |        | 75 | 0     | 20.03 | 0.16  | 20.19   | <=33.01 | Pass |
|                                          | 1880   | 1  | 0     | 21.08 | 0.16  | 21.24   | <=33.01 | Pass |
|                                          |        |    | 38    | 21.16 | 0.16  | 21.32   | <=33.01 | Pass |
|                                          |        |    | 74    | 21.05 | 0.16  | 21.21   | <=33.01 | Pass |
|                                          |        | 36 | 0     | 19.99 | 0.16  | 20.15   | <=33.01 | Pass |
|                                          |        |    | 18    | 20.03 | 0.16  | 20.19   | <=33.01 | Pass |
|                                          |        |    | 39    | 20.08 | 0.16  | 20.24   | <=33.01 | Pass |
|                                          | 75     | 0  | 20.05 | 0.16  | 20.21 | <=33.01 | Pass    |      |
|                                          | 1902.5 | 1  | 0     | 21.39 | 0.16  | 21.55   | <=33.01 | Pass |
|                                          |        |    | 38    | 21.56 | 0.16  | 21.72   | <=33.01 | Pass |
|                                          |        |    | 74    | 21.44 | 0.16  | 21.60   | <=33.01 | Pass |
|                                          |        | 36 | 0     | 20.12 | 0.16  | 20.28   | <=33.01 | Pass |
|                                          |        |    | 18    | 20.10 | 0.16  | 20.26   | <=33.01 | Pass |
|                                          |        |    | 39    | 20.17 | 0.16  | 20.33   | <=33.01 | Pass |
|                                          | 75     | 0  | 20.11 | 0.16  | 20.27 | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |       |       |       |         |         |      |

### 1.1.6 B2\_20MHz\_EIRP

| Band: 2 / Bandwidth: 20MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1860            | 1             | 0      | 21.75                 | 0.16       | 21.91      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.09                 | 0.16       | 22.25      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.71                 | 0.16       | 21.87      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 20.99                 | 0.16       | 21.15      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.97                 | 0.16       | 21.13      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 20.94                 | 0.16       | 21.10      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 20.99                 | 0.16       | 21.15      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.78                 | 0.16       | 21.94      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.14                 | 0.16       | 22.30      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.78                 | 0.16       | 21.94      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 20.90                 | 0.16       | 21.06      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.01                 | 0.16       | 21.17      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.02                 | 0.16       | 21.18      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 20.97                 | 0.16       | 21.13      | <=33.01 | Pass    |
|                                   | 1900            | 1             | 0      | 21.75                 | 0.16       | 21.91      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 22.15                 | 0.16       | 22.31      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.78                 | 0.16       | 21.94      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 21.12                 | 0.16       | 21.28      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.01                 | 0.16       | 21.17      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.00                 | 0.16       | 21.16      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 21.08                 | 0.16       | 21.24      | <=33.01 | Pass    |
| 16QAM                             | 1860            | 1             | 0      | 21.26                 | 0.16       | 21.42      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.63                 | 0.16       | 21.79      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.30                 | 0.16       | 21.46      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 20.04                 | 0.16       | 20.20      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.00                 | 0.16       | 20.16      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 19.97                 | 0.16       | 20.13      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 20.06                 | 0.16       | 20.22      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 20.96                 | 0.16       | 21.12      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.32                 | 0.16       | 21.48      | <=33.01 | Pass    |

|  |      |                                          |    |       |      |       |         |      |
|--|------|------------------------------------------|----|-------|------|-------|---------|------|
|  |      |                                          | 99 | 20.90 | 0.16 | 21.06 | <=33.01 | Pass |
|  |      | 50                                       | 0  | 19.90 | 0.16 | 20.06 | <=33.01 | Pass |
|  |      |                                          | 25 | 20.02 | 0.16 | 20.18 | <=33.01 | Pass |
|  |      |                                          | 50 | 20.09 | 0.16 | 20.25 | <=33.01 | Pass |
|  |      | 100                                      | 0  | 20.03 | 0.16 | 20.19 | <=33.01 | Pass |
|  | 1900 | 1                                        | 0  | 20.99 | 0.16 | 21.15 | <=33.01 | Pass |
|  |      |                                          | 50 | 21.43 | 0.16 | 21.59 | <=33.01 | Pass |
|  |      |                                          | 99 | 21.03 | 0.16 | 21.19 | <=33.01 | Pass |
|  |      | 50                                       | 0  | 20.13 | 0.16 | 20.29 | <=33.01 | Pass |
|  |      |                                          | 25 | 20.03 | 0.16 | 20.19 | <=33.01 | Pass |
|  |      |                                          | 50 | 20.02 | 0.16 | 20.18 | <=33.01 | Pass |
|  |      | 100                                      | 0  | 20.12 | 0.16 | 20.28 | <=33.01 | Pass |
|  |      | Note1: EIRP=Conducted Power+Antenna Gain |    |       |      |       |         |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1850.7          | 6             | 0      | 20         | 3.27          | -4.821           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 6.237            | 0.0034                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 6.938            | 0.0037                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 2.418            | 0.0013                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 13.719           | 0.0074                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -150.290         | -0.0812               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -16.179          | -0.0087               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -11.501          | -0.0062               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -14.877          | -0.0080               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -9.913           | -0.0054               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -19.655          | -0.0106               | -2.5 to 2.5 | Pass    |
|                             | 1880            | 6             | 0      | 20         | 3.27          | -12.918          | -0.0069               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -10.700          | -0.0057               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -10.228          | -0.0054               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -17.738          | -0.0094               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -6.695           | -0.0036               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -11.530          | -0.0061               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 33.174           | 0.0176                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -12.217          | -0.0065               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -14.334          | -0.0076               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -11.101          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -7.639           | -0.0041               | -2.5 to 2.5 | Pass    |
|                             | 1909.3          | 6             | 0      | 20         | 3.27          | -22.988          | -0.0120               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -9.098           | -0.0048               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -6.924           | -0.0036               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 1.230            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -10.529          | -0.0055               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -8.740           | -0.0046               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -5.107           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -6.795           | -0.0036               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -8.740           | -0.0046               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -5.851           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -6.394           | -0.0033               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |         |         |             |      |
|-------|--------|---|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.27 | -19.126 | -0.0103 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -15.678 | -0.0085 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 2.174   | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -11.930 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -13.919 | -0.0075 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 396.824 | 0.2144  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 12.631  | 0.0068  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -10.614 | -0.0057 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -9.484  | -0.0051 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -12.360 | -0.0067 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -11.058 | -0.0060 | -2.5 to 2.5 | Pass |
|       | 1880   | 6 | 0 | 20  | 3.27 | -6.995  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -6.366  | -0.0034 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -13.289 | -0.0071 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 7.639   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -12.531 | -0.0067 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -0.286  | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -6.981  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -8.025  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -12.474 | -0.0066 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -1.402  | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 3.791   | 0.0020  | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.27 | -8.798  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -12.574 | -0.0066 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -6.552  | -0.0034 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -7.968  | -0.0042 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -12.202 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -7.267  | -0.0038 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -12.131 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -0.100  | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -2.418  | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 3.576   | 0.0019  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -5.579  | -0.0029 | -2.5 to 2.5 | Pass |

## 2.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1851.5          | 15            | 0      | 20         | 3.27          | -10.700          | -0.0058               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -10.614          | -0.0057               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -2.403           | -0.0013               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -11.716          | -0.0063               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -6.151           | -0.0033               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -6.509           | -0.0035               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -12.202          | -0.0066               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -10.915          | -0.0059               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -10.972          | -0.0059               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -4.849           | -0.0026               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -13.375          | -0.0072               | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.27          | -13.003          | -0.0069               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 3.104            | 0.0017                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -3.219           | -0.0017               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -7.625           | -0.0041               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -0.515           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -8.168           | -0.0043               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -12.960          | -0.0069               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       |        |    |   | 10  | 3.85 | -6.995  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.801  | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -4.764  | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -14.205 | -0.0076 | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15 | 0 | 20  | 3.27 | -13.347 | -0.0070 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -4.048  | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -11.373 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -9.928  | -0.0052 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -8.726  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -9.971  | -0.0052 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -11.172 | -0.0059 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -5.193  | -0.0027 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -10.586 | -0.0055 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -7.153  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -7.424  | -0.0039 | -2.5 to 2.5 | Pass |
| 16QAM | 1851.5 | 15 | 0 | 20  | 3.27 | -10.700 | -0.0058 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -14.434 | -0.0078 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -7.596  | -0.0041 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 2.990   | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -7.424  | -0.0040 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.445  | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -12.503 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.473  | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -7.210  | -0.0039 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.888  | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -6.380  | -0.0034 | -2.5 to 2.5 | Pass |
|       | 1880   | 15 | 0 | 20  | 3.27 | 2.189   | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.200   | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -9.584  | -0.0051 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -5.822  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.702  | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.472   | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 1.760   | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -6.623  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -3.862  | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -8.125  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -4.134  | -0.0022 | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15 | 0 | 20  | 3.27 | 10.843  | 0.0057  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -13.461 | -0.0071 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -5.708  | -0.0030 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -4.764  | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -7.796  | -0.0041 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -9.656  | -0.0051 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -11.587 | -0.0061 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.486  | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -13.819 | -0.0072 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -4.077  | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -12.059 | -0.0063 | -2.5 to 2.5 | Pass |

### 2.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1852.5          | 25            | 0      | 20         | 3.27          | -3.805           | -0.0021               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -1.373           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -8.583           | -0.0046               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       |        |    |   | -30 | 3.85 | -10.285 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.774  | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -7.825  | -0.0042 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -5.250  | -0.0028 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.602  | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.760  | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -11.115 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -9.170  | -0.0050 | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.27 | -8.769  | -0.0047 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -2.890  | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -9.584  | -0.0051 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -15.421 | -0.0082 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.845  | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -10.014 | -0.0053 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.644  | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -9.184  | -0.0049 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -6.495  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -8.011  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -12.317 | -0.0066 | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.27 | -7.138  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 1.860   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -11.973 | -0.0063 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -11.158 | -0.0058 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.529   | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -3.390  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -10.242 | -0.0054 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -9.327  | -0.0049 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -13.790 | -0.0072 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.029   | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -9.956  | -0.0052 | -2.5 to 2.5 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 20  | 3.27 | -9.570  | -0.0052 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -7.982  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -9.141  | -0.0049 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 4.292   | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -10.057 | -0.0054 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -2.704  | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -3.161  | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -18.024 | -0.0097 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 2.418   | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -3.262  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -6.495  | -0.0035 | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.27 | -2.446  | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -8.411  | -0.0045 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -12.732 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.000   | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -14.319 | -0.0076 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.973  | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -9.570  | -0.0051 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -8.082  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -10.700 | -0.0057 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -12.259 | -0.0065 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 2.875   | 0.0015  | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.27 | -3.505  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 2.503   | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -2.460  | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 1.101   | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -9.885  | -0.0052 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -13.490 | -0.0071 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -2.031  | -0.0011 | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |         |         |             |      |
|--|--|--|--|----|------|---------|---------|-------------|------|
|  |  |  |  | 10 | 3.85 | -10.915 | -0.0057 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.85 | -5.679  | -0.0030 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | -1.531  | -0.0008 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | -6.795  | -0.0036 | -2.5 to 2.5 | Pass |

## 2.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1855            | 50            | 0      | 20         | 3.27          | -1.345           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.988           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -0.157           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -0.257           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -3.977           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -3.405           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -5.665           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -4.549           | -0.0025               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -0.472           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -7.410           | -0.0040               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -2.933           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.27          | -8.883           | -0.0047               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -3.991           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -9.685           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -2.933           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -11.115          | -0.0059               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -5.164           | -0.0027               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -9.069           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -4.349           | -0.0023               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -7.610           | -0.0040               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -5.765           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -9.627           | -0.0051               | -2.5 to 2.5 | Pass    |
|                            | 1905            | 50            | 0      | 20         | 3.27          | -9.999           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -5.035           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -13.633          | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -3.977           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -9.127           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -3.748           | -0.0020               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -4.306           | -0.0023               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 6.981            | 0.0037                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -6.495           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.973            | 0.0005                | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1855            | 50            | 0      | 20         | 3.27          | -8.340           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -6.695           | -0.0036               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.561           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -8.469           | -0.0046               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -4.778           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -7.367           | -0.0040               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -2.031           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -7.367           | -0.0040               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -4.034           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -8.826           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -6.795           | -0.0037               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.27          | -3.948           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -8.326           | -0.0044               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -9.956           | -0.0053               | -2.5 to 2.5 | Pass    |

|  |      |    |   |     |      |         |         |             |      |
|--|------|----|---|-----|------|---------|---------|-------------|------|
|  |      |    |   | -30 | 3.85 | -1.788  | -0.0010 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -11.573 | -0.0062 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -10.915 | -0.0058 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | -6.223  | -0.0033 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -0.343  | -0.0002 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | -7.195  | -0.0038 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | -11.015 | -0.0059 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | -0.443  | -0.0002 | -2.5 to 2.5 | Pass |
|  | 1905 | 50 | 0 | 20  | 3.27 | -1.645  | -0.0009 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.85 | -3.176  | -0.0017 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.43 | -5.593  | -0.0029 | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.85 | -4.063  | -0.0021 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -1.431  | -0.0008 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -9.899  | -0.0052 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | -0.730  | -0.0004 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -4.778  | -0.0025 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | 0.744   | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | -9.441  | -0.0050 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | 0.486   | 0.0003  | -2.5 to 2.5 | Pass |

## 2.1.5 B2\_15MHz

| Band: 2 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1857.5          | 75            | 0      | 20         | 3.27          | -6.723           | -0.0036               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -3.033           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -5.994           | -0.0032               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -8.740           | -0.0047               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -4.206           | -0.0023               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -4.263           | -0.0023               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -6.266           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -6.852           | -0.0037               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -3.963           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.429            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -5.436           | -0.0029               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.27          | -10.428          | -0.0055               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -7.796           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.875           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -4.950           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -6.866           | -0.0037               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -9.756           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -9.270           | -0.0049               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -9.770           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -10.629          | -0.0057               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -9.527           | -0.0051               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -9.198           | -0.0049               | -2.5 to 2.5 | Pass    |
|                            | 1902.5          | 75            | 0      | 20         | 3.27          | -9.084           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -8.326           | -0.0044               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -5.393           | -0.0028               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -3.705           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -11.687          | -0.0061               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -4.120           | -0.0022               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -3.605           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.602           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -6.595           | -0.0035               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -6.995           | -0.0037               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1857.5 | 75 | 0 | 50  | 3.85 | -8.755  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -4.063  | -0.0022 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -4.964  | -0.0027 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -3.963  | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -5.937  | -0.0032 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 1.259   | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.644   | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.044  | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -4.320  | -0.0023 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -6.924  | -0.0037 | -2.5 to 2.5 | Pass |
|       | 1880   | 75 | 0 | 40  | 3.85 | -5.407  | -0.0029 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -5.279  | -0.0028 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -10.586 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -2.017  | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -4.735  | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -6.824  | -0.0036 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -12.746 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -10.600 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -7.997  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -4.921  | -0.0026 | -2.5 to 2.5 | Pass |
|       | 1902.5 | 75 | 0 | 30  | 3.85 | -12.088 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -11.358 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -5.093  | -0.0027 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -8.397  | -0.0044 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -4.220  | -0.0022 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -3.719  | -0.0020 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -4.649  | -0.0024 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -4.578  | -0.0024 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -12.388 | -0.0065 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -7.453  | -0.0039 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -7.825  | -0.0041 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -4.334  | -0.0023 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -7.095  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -2.775  | -0.0015 | -2.5 to 2.5 | Pass |

## 2.1.6 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1860            | 100           | 0      | 20         | 3.27          | -6.166           | -0.0033               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.559           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -2.074           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -6.208           | -0.0033               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -12.660          | -0.0068               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -8.941           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -2.704           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -2.789           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -5.736           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -8.397           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -10.471          | -0.0056               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 100           | 0      | 20         | 3.27          | -9.842           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.601           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -8.283           | -0.0044               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -8.497           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -13.633          | -0.0073               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -4.377           | -0.0023               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |         |         |             |      |
|-------|------|-----|---|-----|------|---------|---------|-------------|------|
|       |      |     |   | 0   | 3.85 | -7.110  | -0.0038 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -11.745 | -0.0062 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -0.386  | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -8.826  | -0.0047 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -3.834  | -0.0020 | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.27 | -3.104  | -0.0016 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.345  | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -5.364  | -0.0028 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -2.933  | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -3.247  | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.287  | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -7.253  | -0.0038 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -3.233  | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -3.204  | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -3.963  | -0.0021 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -2.089  | -0.0011 | -2.5 to 2.5 | Pass |
| 16QAM | 1860 | 100 | 0 | 20  | 3.27 | -7.010  | -0.0038 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.030  | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -7.439  | -0.0040 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -0.172  | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.916  | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -3.619  | -0.0019 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -3.290  | -0.0018 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -6.065  | -0.0033 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 1.245   | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -3.405  | -0.0018 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 50  | 3.85 | -2.146  | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | -6.680  | -0.0036 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -4.663  | -0.0025 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -1.044  | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -6.838  | -0.0036 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -1.874  | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -4.292  | -0.0023 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -4.835  | -0.0026 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -3.891  | -0.0021 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -11.802 | -0.0063 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -8.340  | -0.0044 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -2.475  | -0.0013 | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.27 | -5.493  | -0.0029 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 2.189   | 0.0012  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -7.725  | -0.0041 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -6.323  | -0.0033 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -2.847  | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -6.723  | -0.0035 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -1.101  | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -5.350  | -0.0028 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -3.505  | -0.0018 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -10.128 | -0.0053 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -4.721  | -0.0025 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1880            | 6             | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1880            | 6             | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 15            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 25            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1880            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1880            | 50            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.5 B2\_15MHz

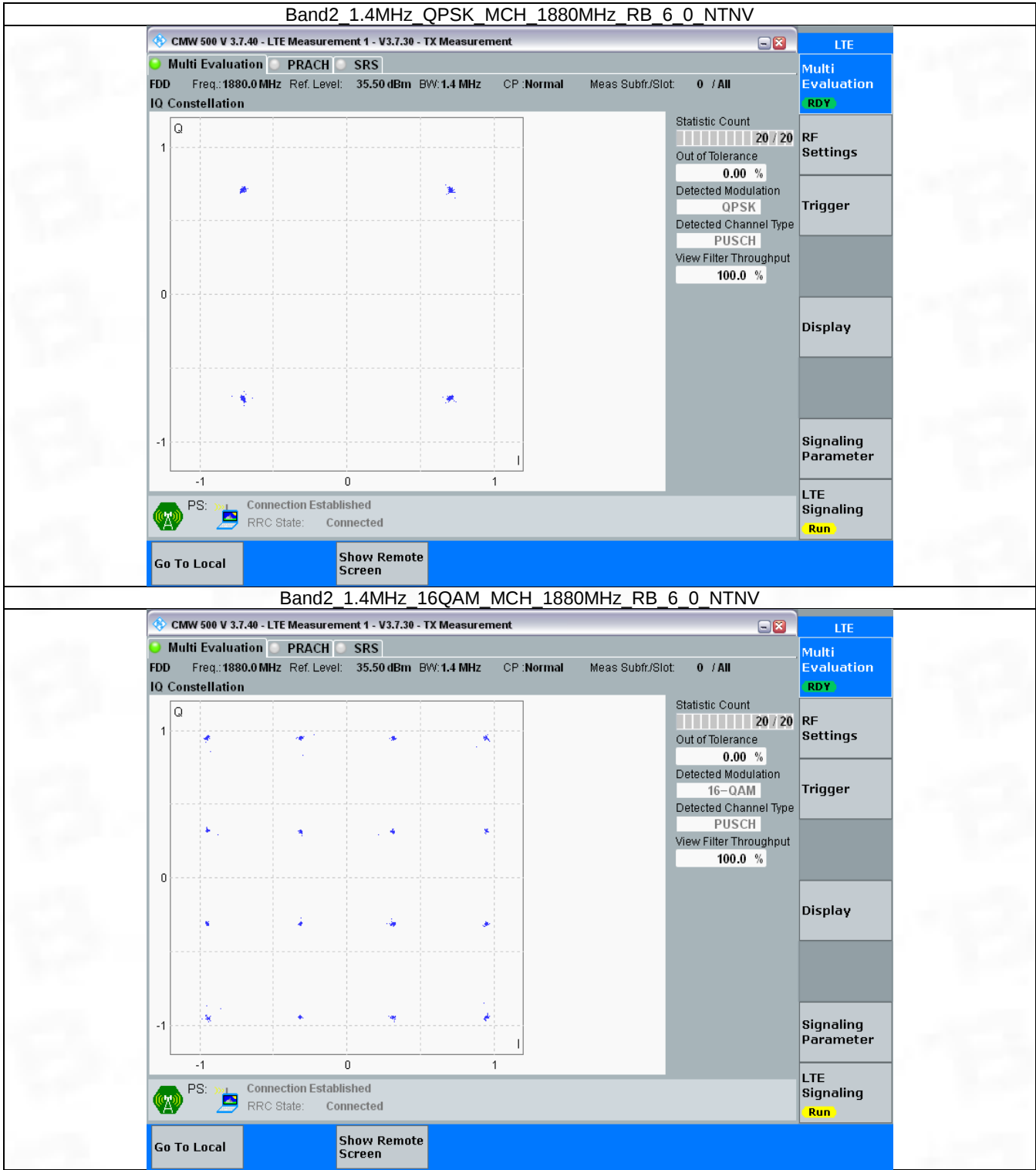
| Band: 2 / Bandwidth: 15MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 75            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.6 B2\_20MHz

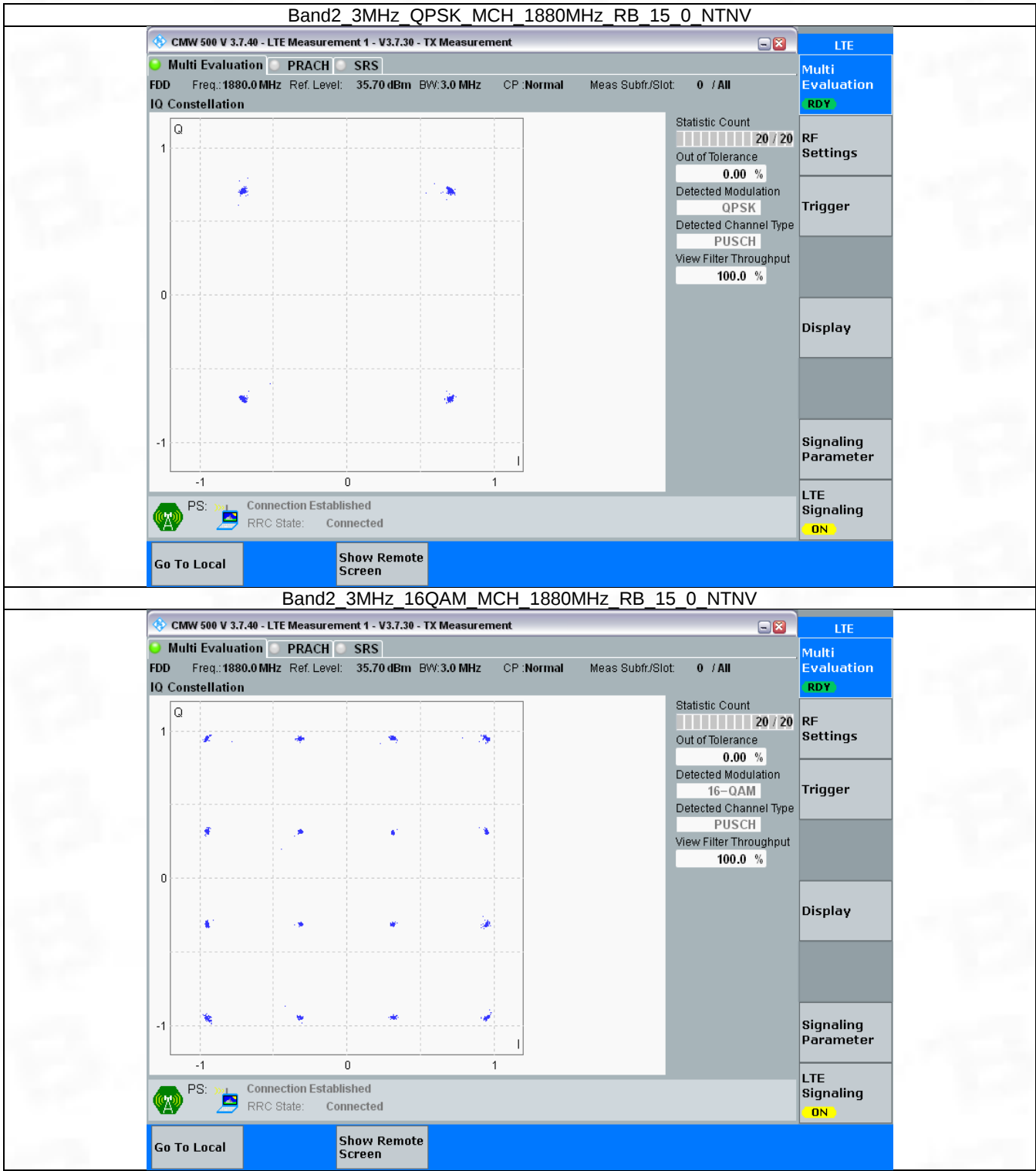
| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1880            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1880            | 100           | 0      | Refer To Test Graph        |       | Pass    |

3.2 Test Graph

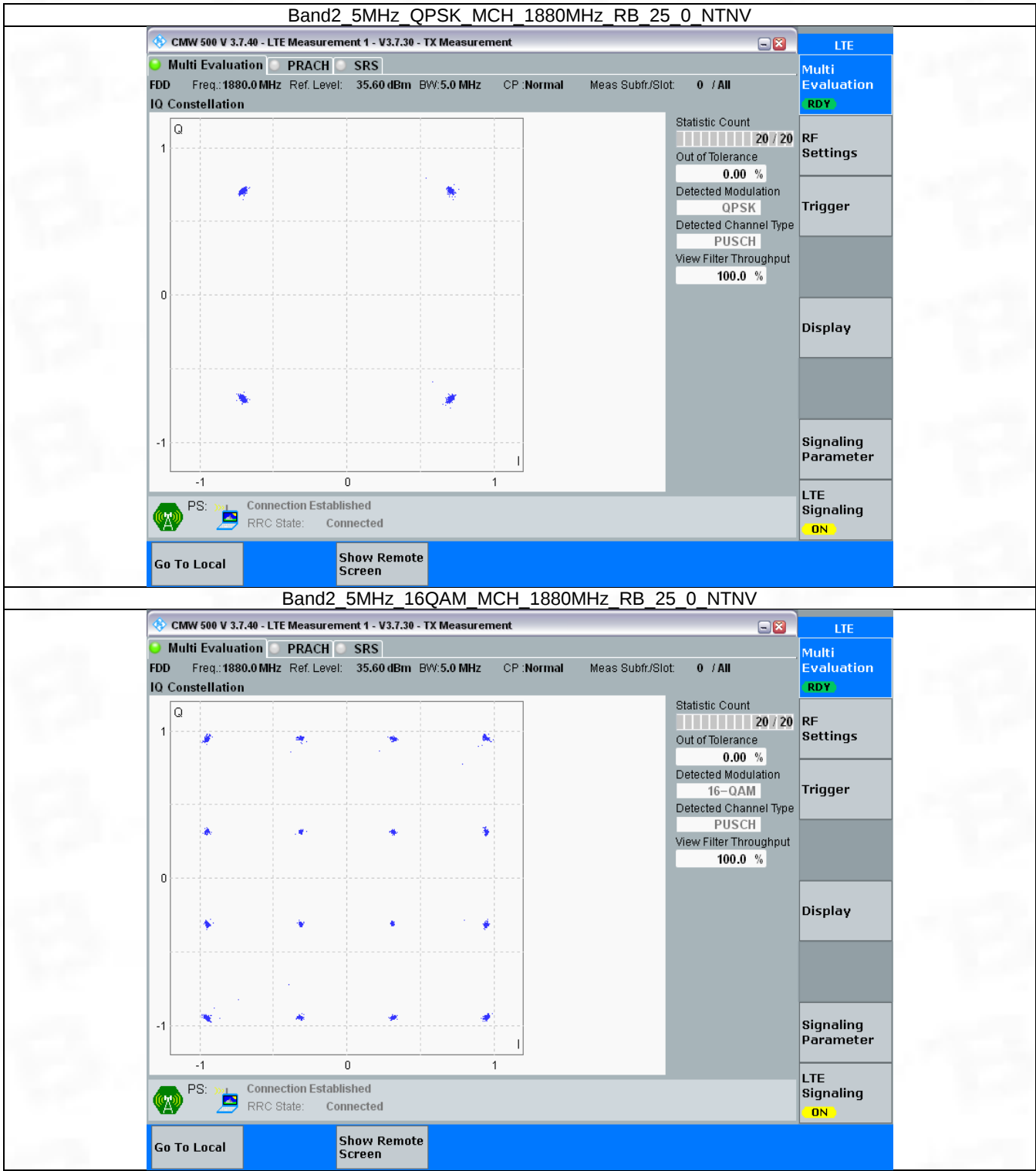
3.2.1 B2\_1.4MHz



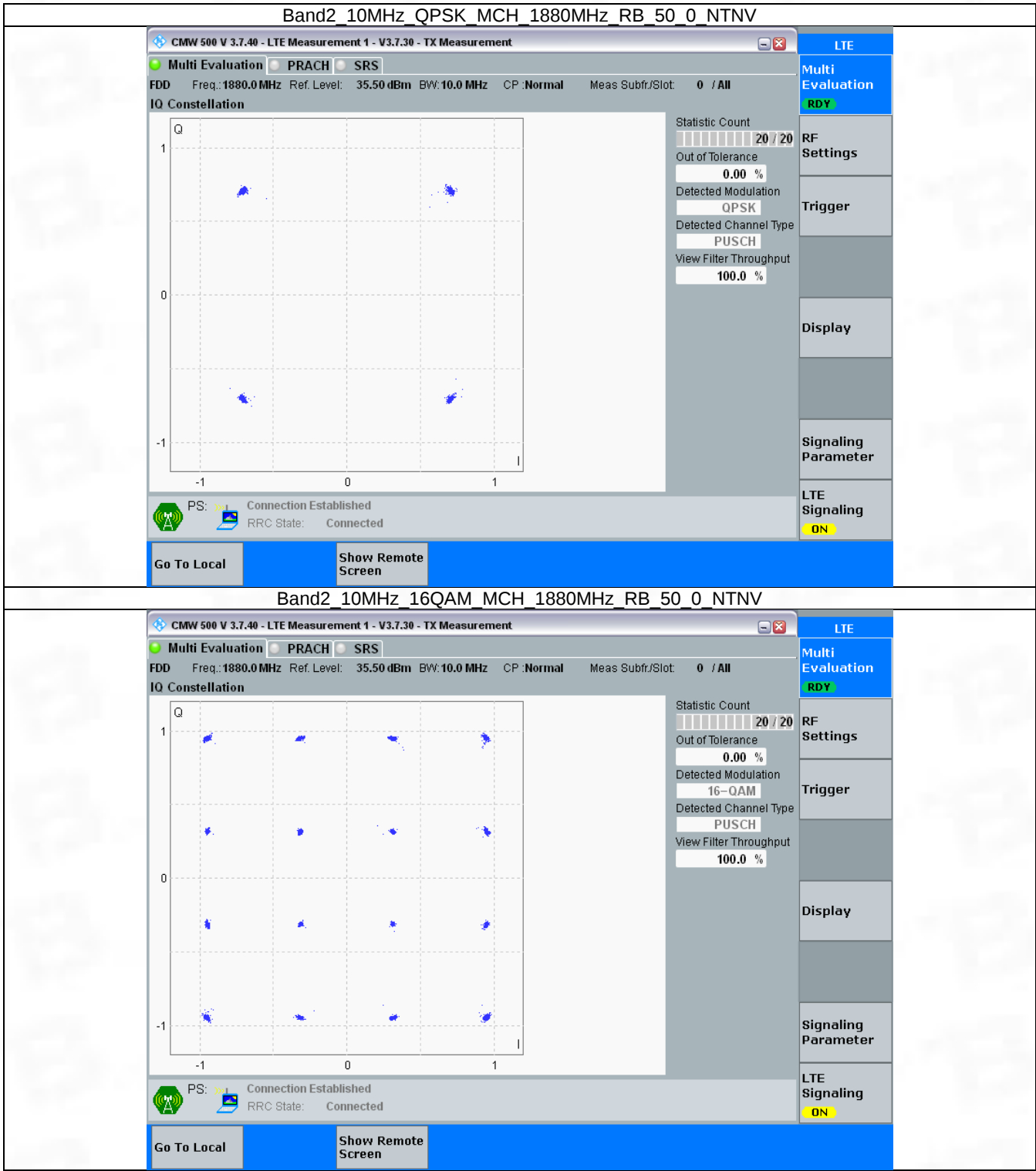
3.2.2 B2\_3MHz



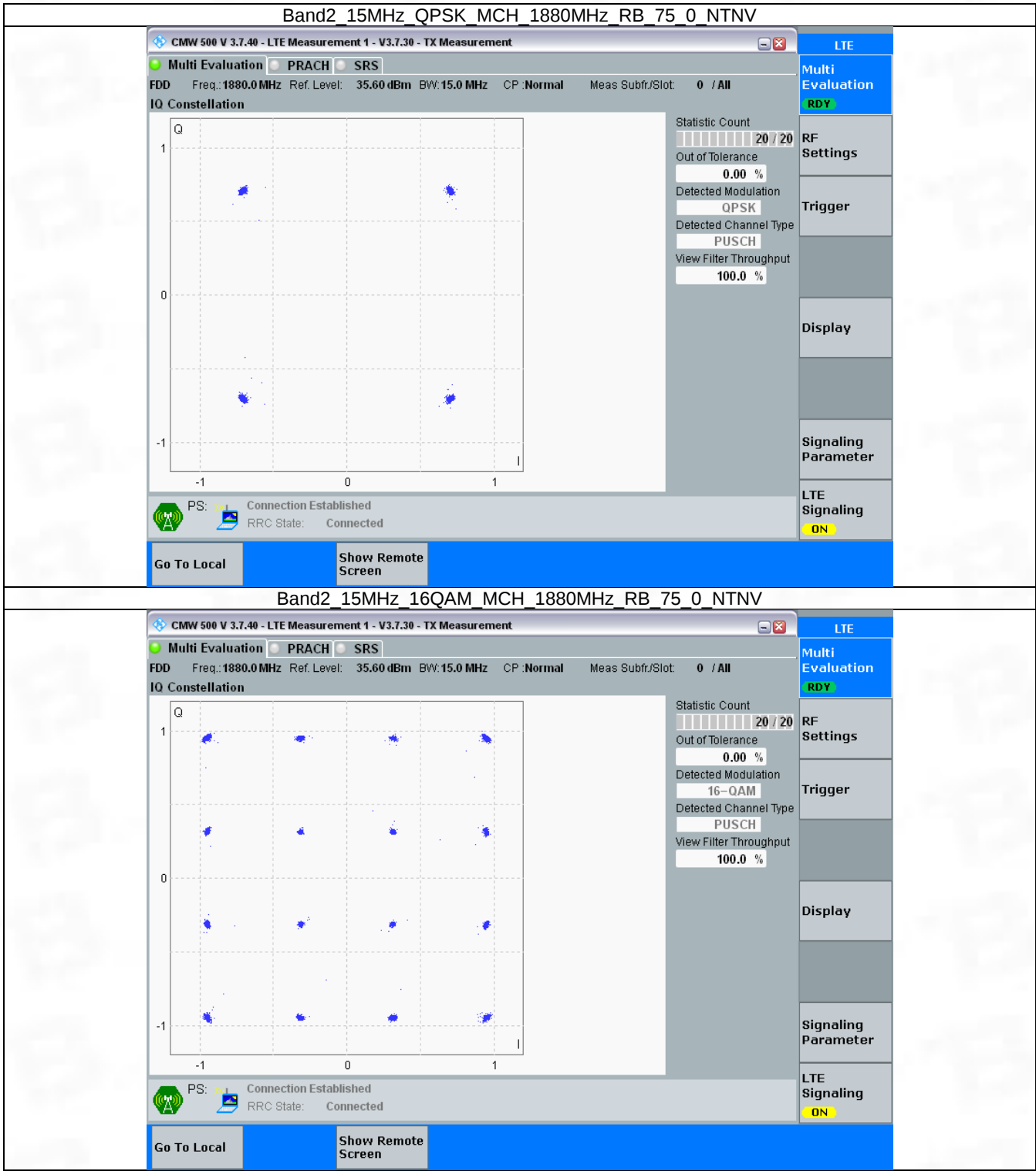
3.2.3 B2\_5MHz



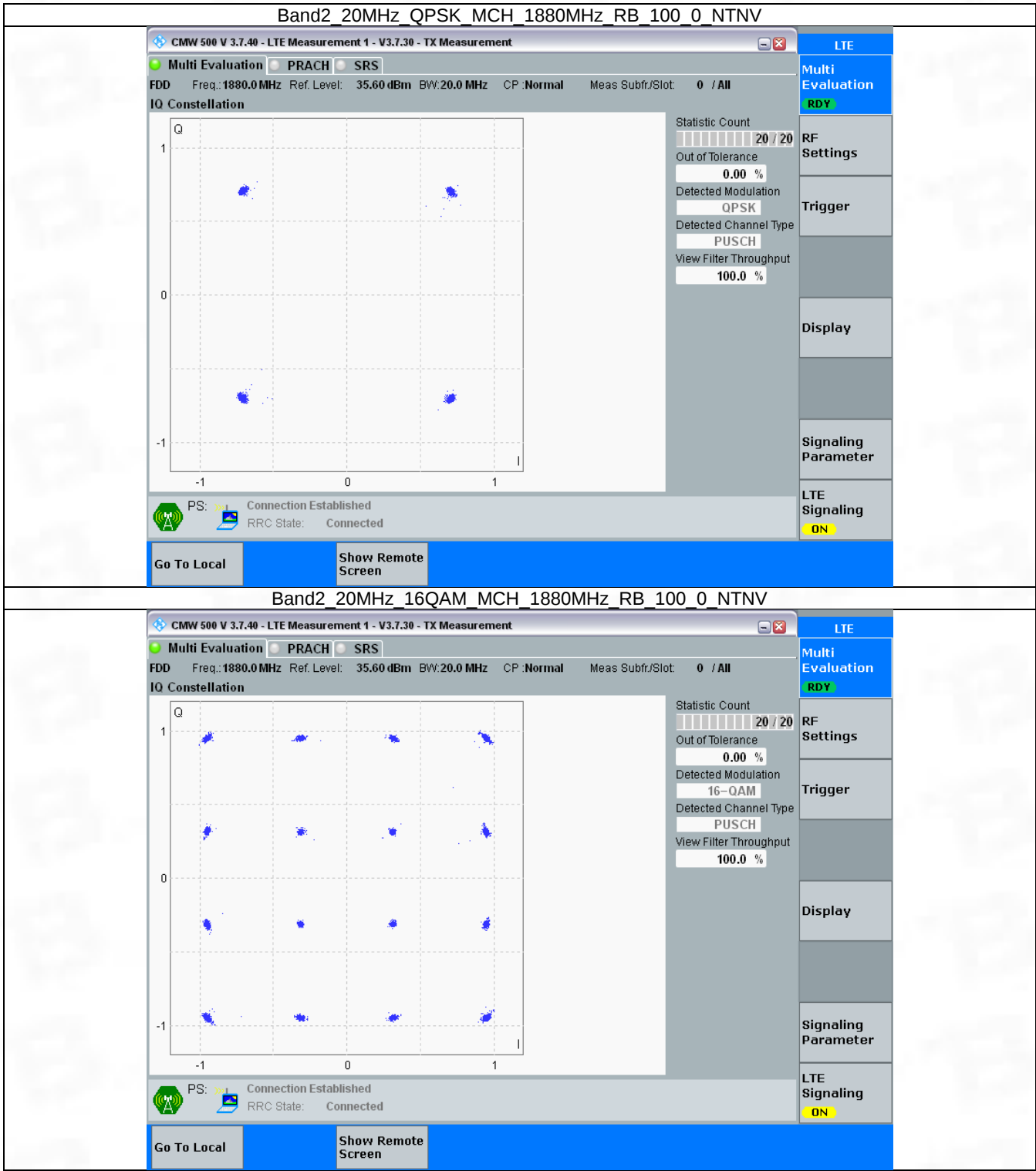
3.2.4 B2\_10MHz



3.2.5 B2\_15MHz



3.2.6 B2\_20MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band2\_OBW

| Band: 2 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.114                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.123                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.109                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.115                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.108                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.103                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.722                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.718                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.724                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.722                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.721                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.716                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.543                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.542                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.550                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.566                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.560                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.534                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.058                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.042                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.081                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.059                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.046                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.081                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.595                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.567                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.606                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.616                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.592                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.643                       | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.112                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.078                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.155                       | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.086                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.076                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.232                       | /     | Pass    |

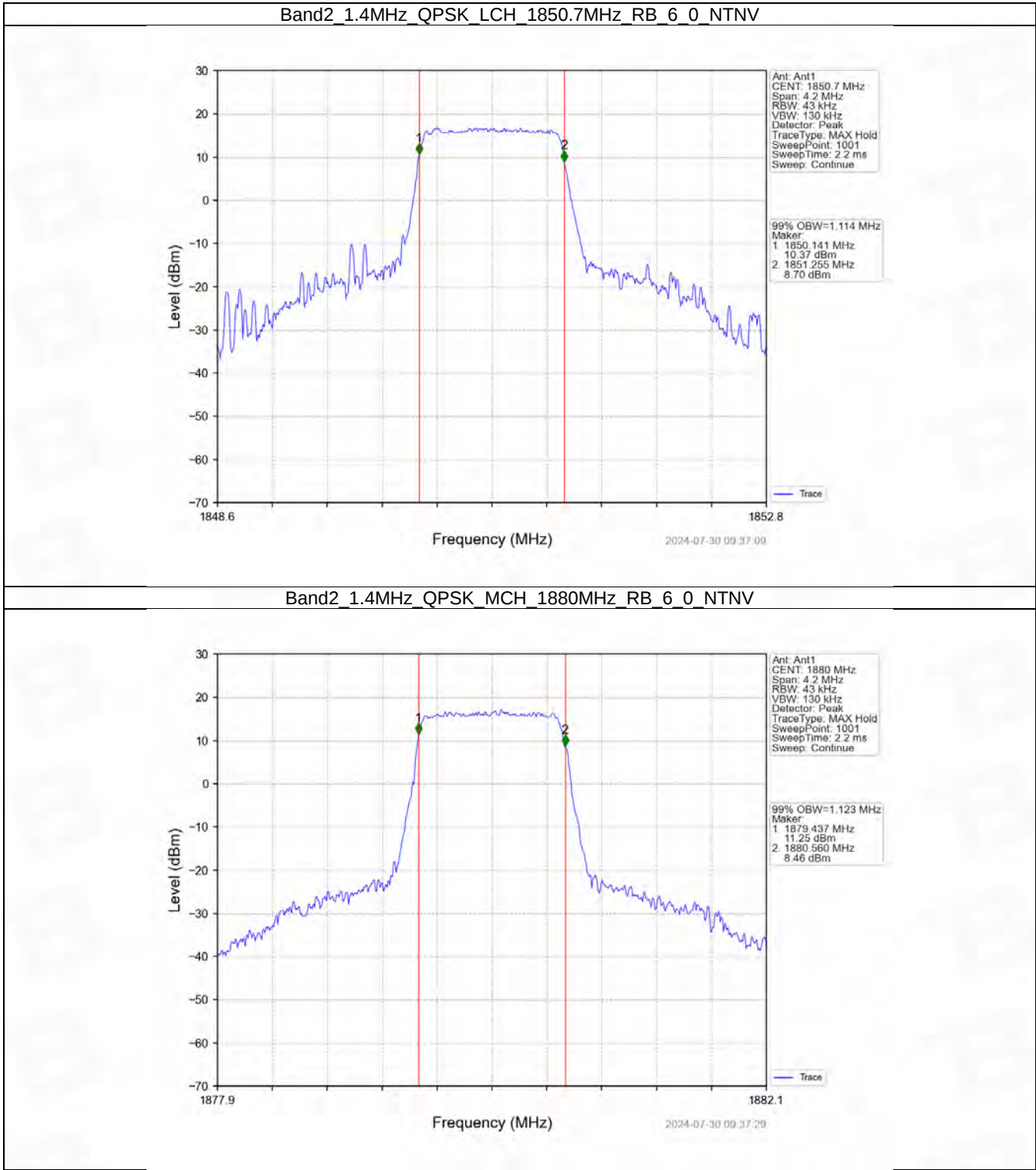
#### 4.1.2 Band2\_XDB

| Band: 2 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.363                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.321                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.313                | /     | Pass    |

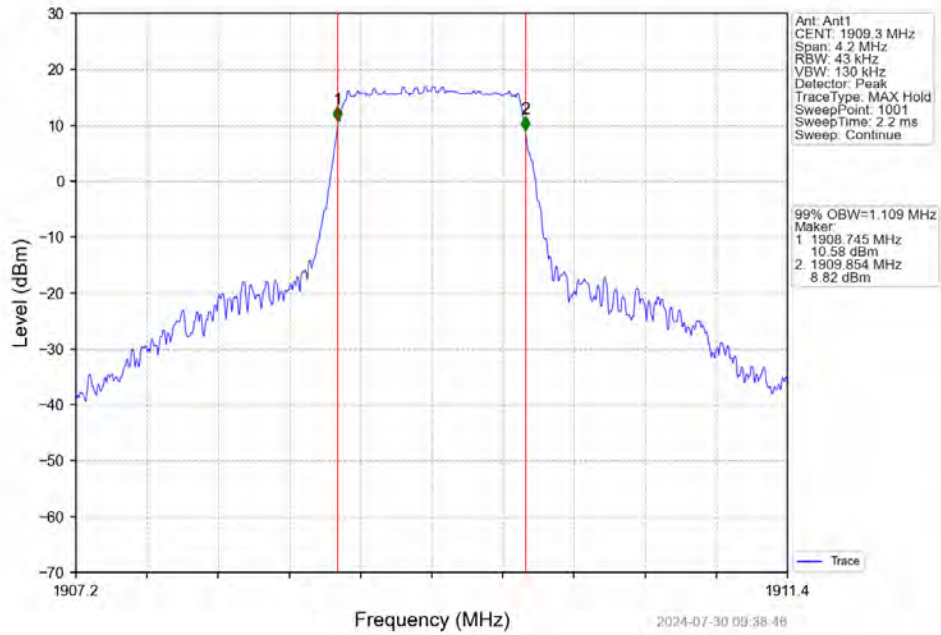
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 1850.7 | 6   | 0 | 1.325  | / | Pass |
|    |       | 1880   | 6   | 0 | 1.311  | / | Pass |
|    |       | 1909.3 | 6   | 0 | 1.306  | / | Pass |
| 3  | QPSK  | 1851.5 | 15  | 0 | 3.003  | / | Pass |
|    |       | 1880   | 15  | 0 | 2.988  | / | Pass |
|    |       | 1908.5 | 15  | 0 | 3.012  | / | Pass |
|    | 16QAM | 1851.5 | 15  | 0 | 2.983  | / | Pass |
|    |       | 1880   | 15  | 0 | 2.997  | / | Pass |
|    |       | 1908.5 | 15  | 0 | 3.010  | / | Pass |
| 5  | QPSK  | 1852.5 | 25  | 0 | 5.321  | / | Pass |
|    |       | 1880   | 25  | 0 | 5.306  | / | Pass |
|    |       | 1907.5 | 25  | 0 | 5.052  | / | Pass |
|    | 16QAM | 1852.5 | 25  | 0 | 5.039  | / | Pass |
|    |       | 1880   | 25  | 0 | 5.799  | / | Pass |
|    |       | 1907.5 | 25  | 0 | 5.017  | / | Pass |
| 10 | QPSK  | 1855   | 50  | 0 | 9.894  | / | Pass |
|    |       | 1880   | 50  | 0 | 9.961  | / | Pass |
|    |       | 1905   | 50  | 0 | 10.047 | / | Pass |
|    | 16QAM | 1855   | 50  | 0 | 9.897  | / | Pass |
|    |       | 1880   | 50  | 0 | 9.843  | / | Pass |
|    |       | 1905   | 50  | 0 | 9.902  | / | Pass |
| 15 | QPSK  | 1857.5 | 75  | 0 | 14.979 | / | Pass |
|    |       | 1880   | 75  | 0 | 15.422 | / | Pass |
|    |       | 1902.5 | 75  | 0 | 15.058 | / | Pass |
|    | 16QAM | 1857.5 | 75  | 0 | 14.864 | / | Pass |
|    |       | 1880   | 75  | 0 | 15.413 | / | Pass |
|    |       | 1902.5 | 75  | 0 | 14.913 | / | Pass |
| 20 | QPSK  | 1860   | 100 | 0 | 19.946 | / | Pass |
|    |       | 1880   | 100 | 0 | 19.772 | / | Pass |
|    |       | 1900   | 100 | 0 | 19.613 | / | Pass |
|    | 16QAM | 1860   | 100 | 0 | 19.750 | / | Pass |
|    |       | 1880   | 100 | 0 | 19.764 | / | Pass |
|    |       | 1900   | 100 | 0 | 19.795 | / | Pass |

4.2 Test Graph

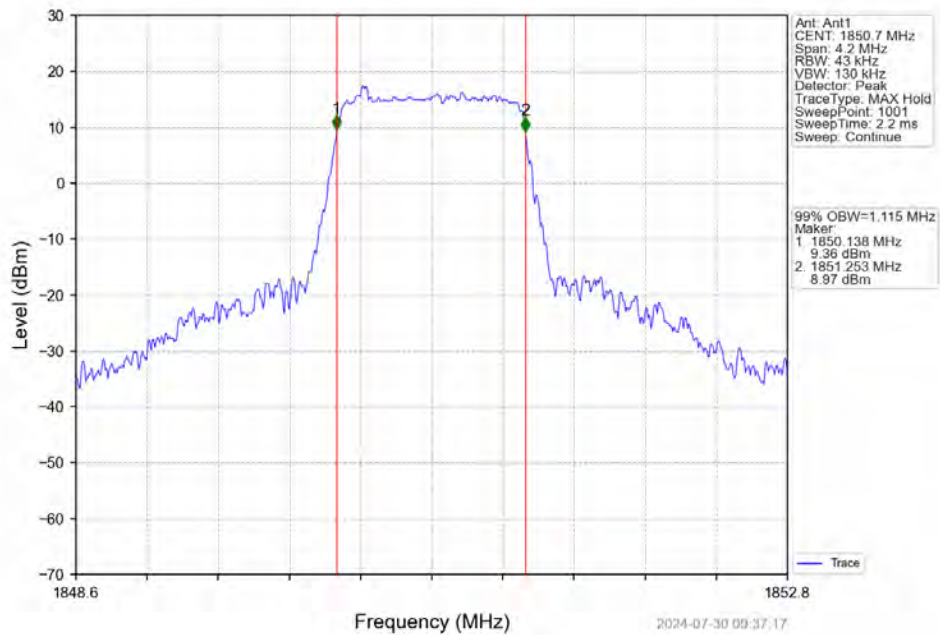
4.2.1 Band2\_OBW



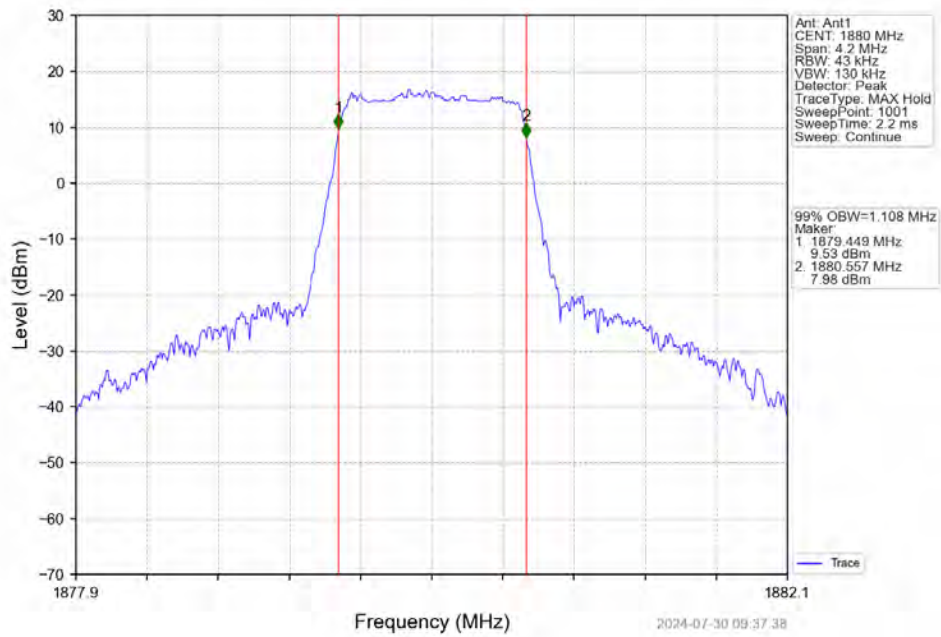
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



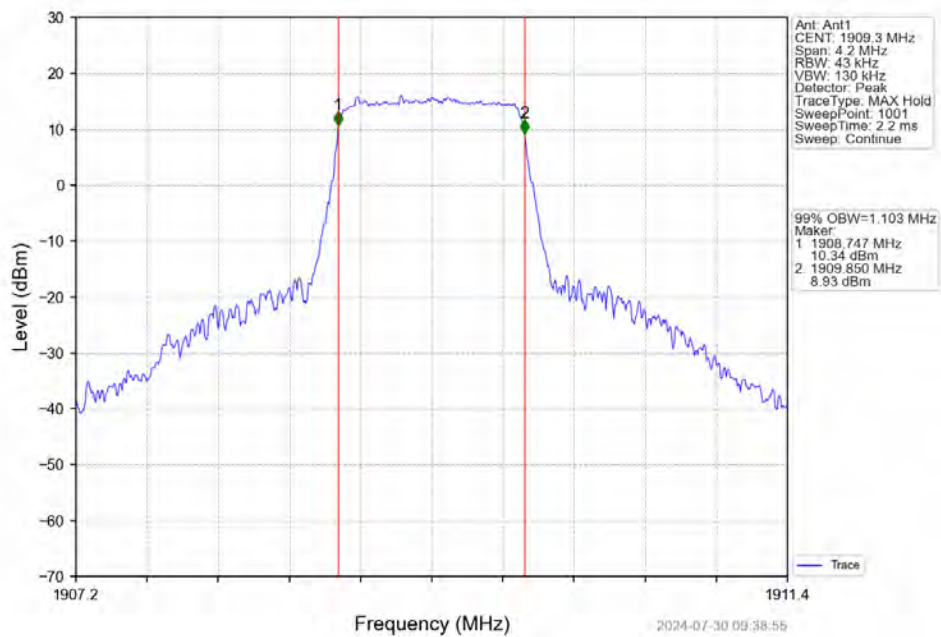
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



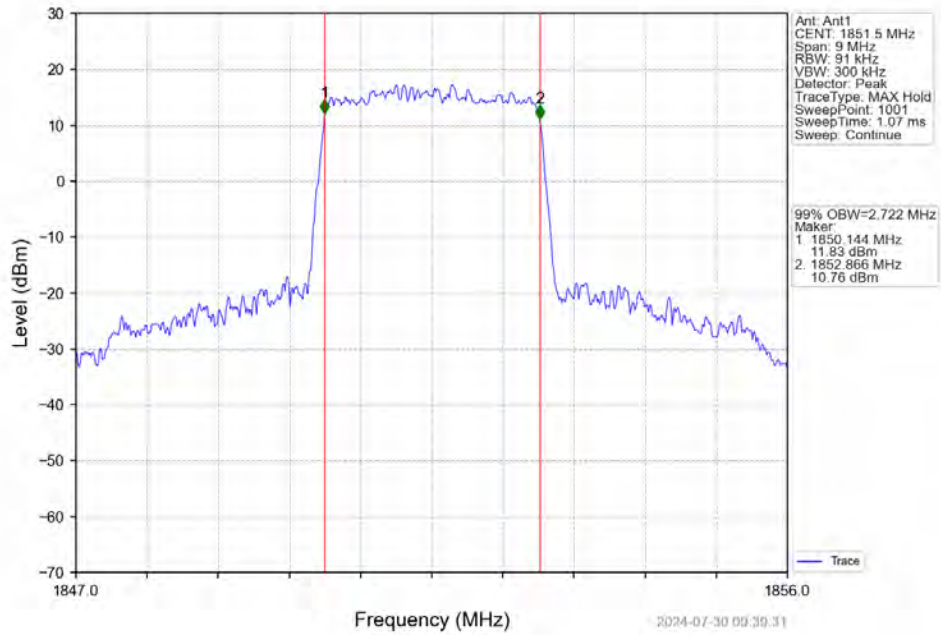
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



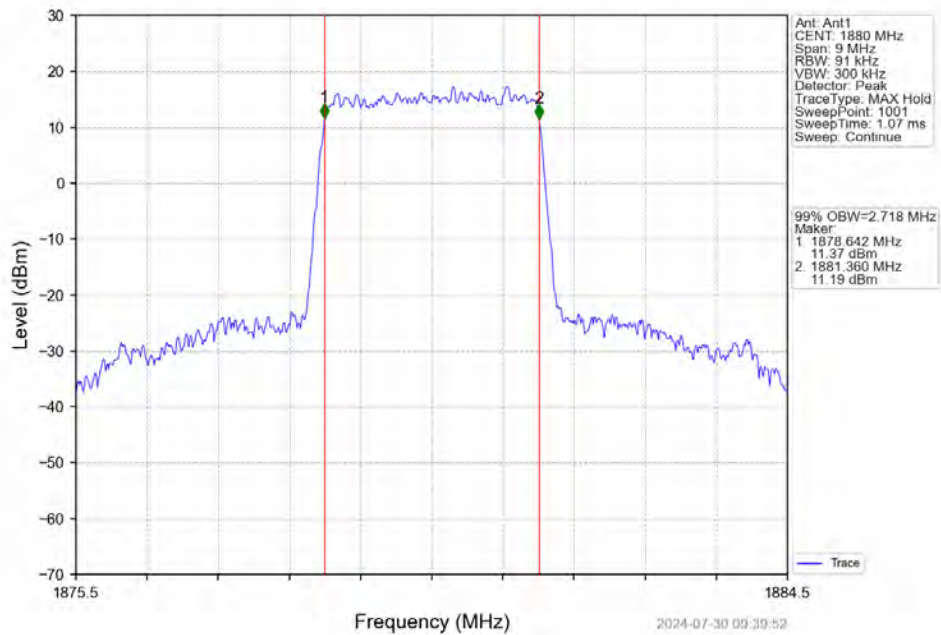
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



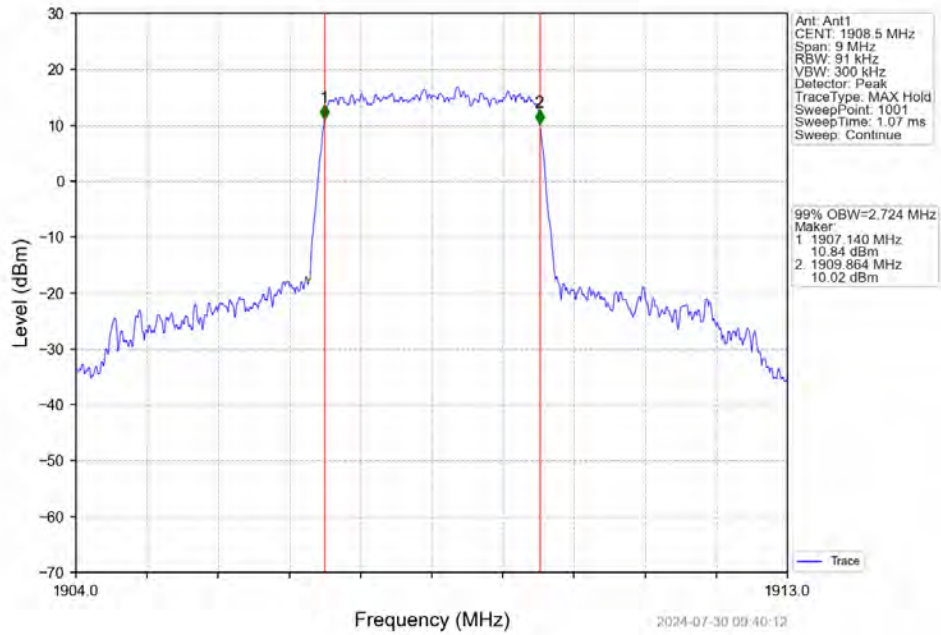
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



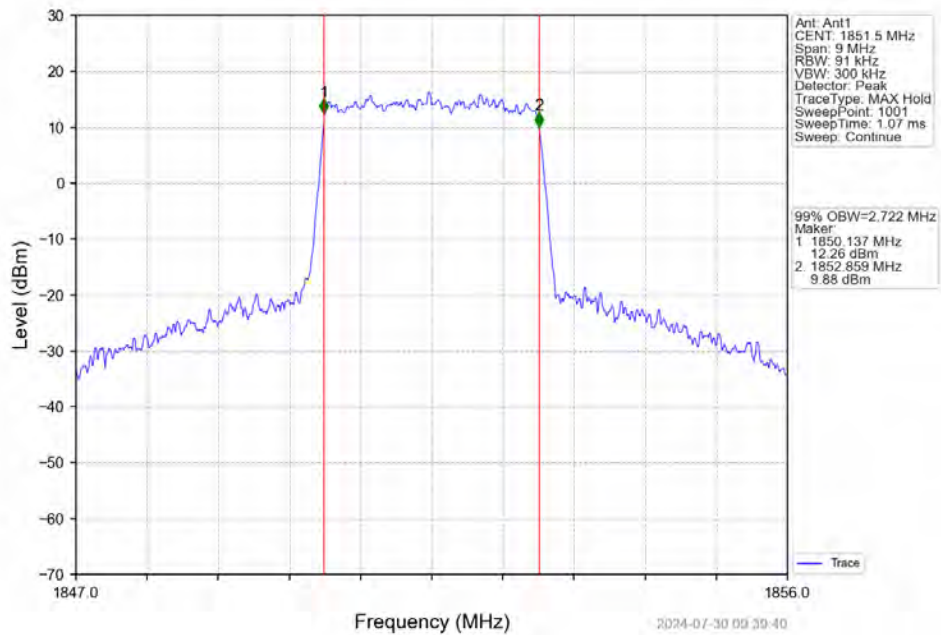
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



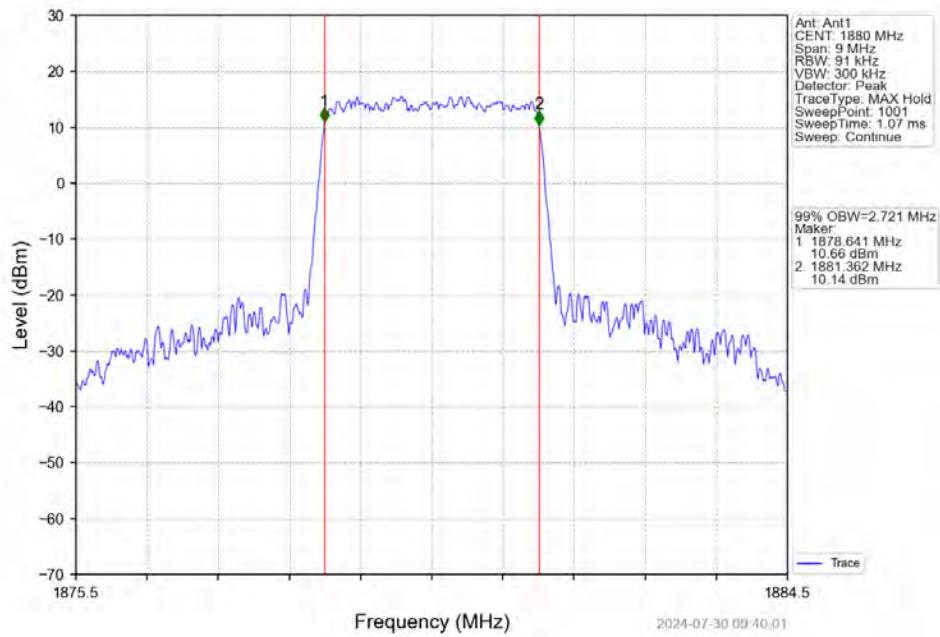
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



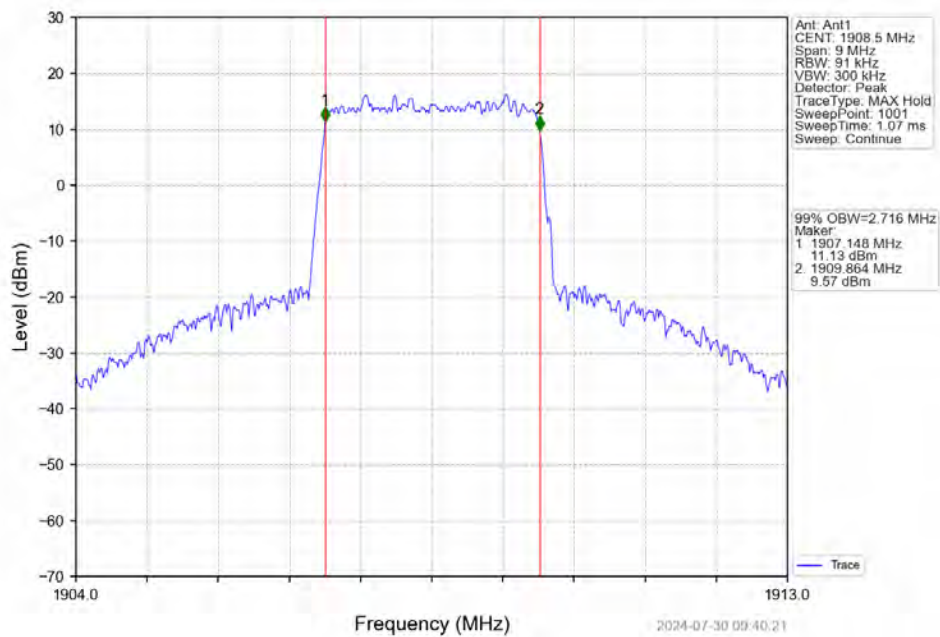
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



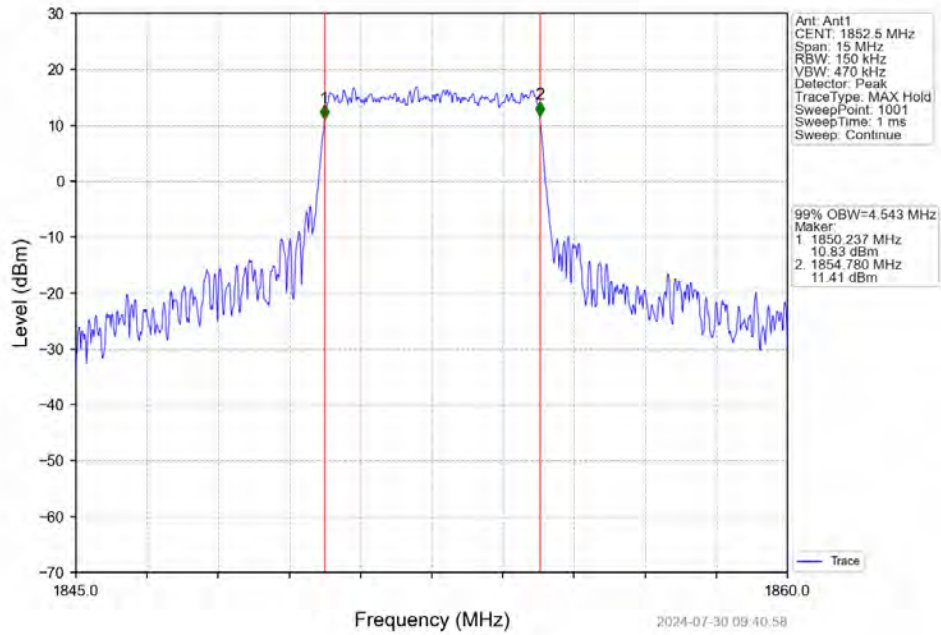
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



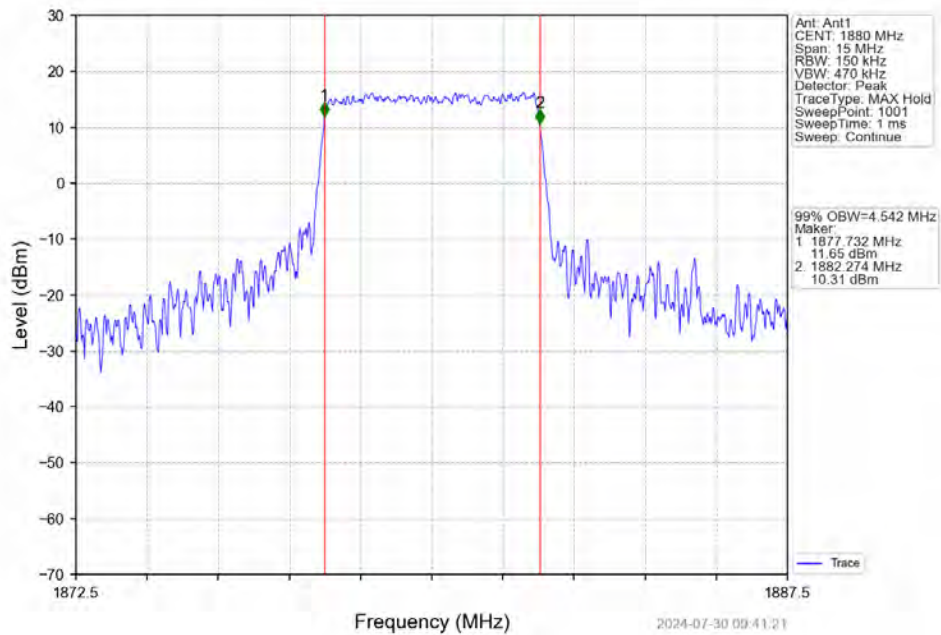
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



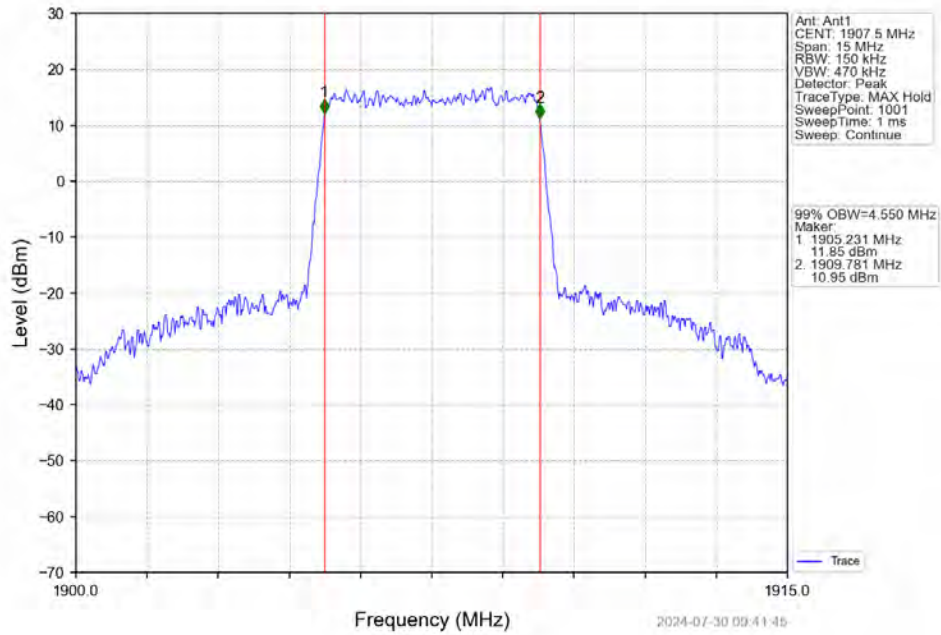
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



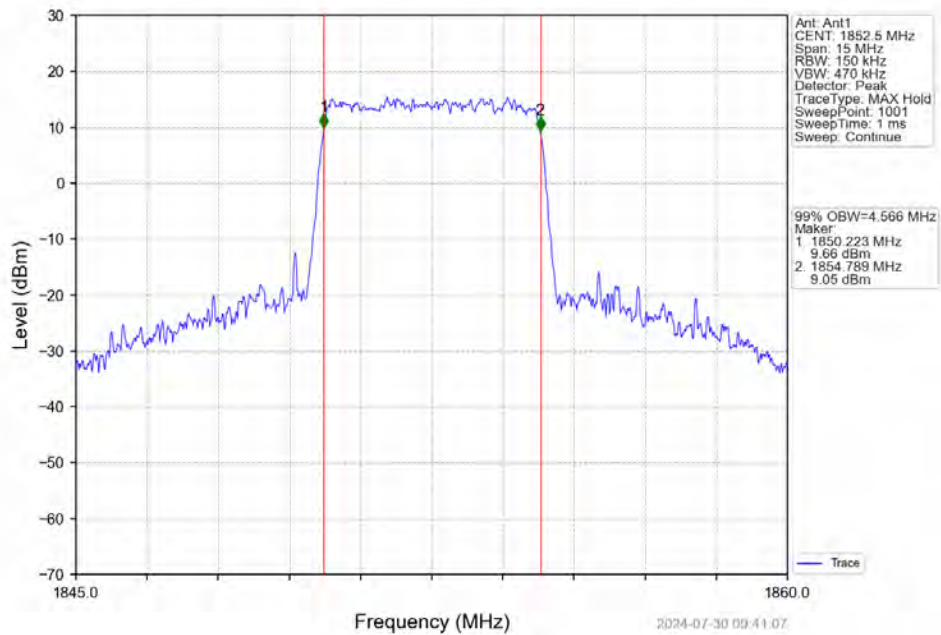
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



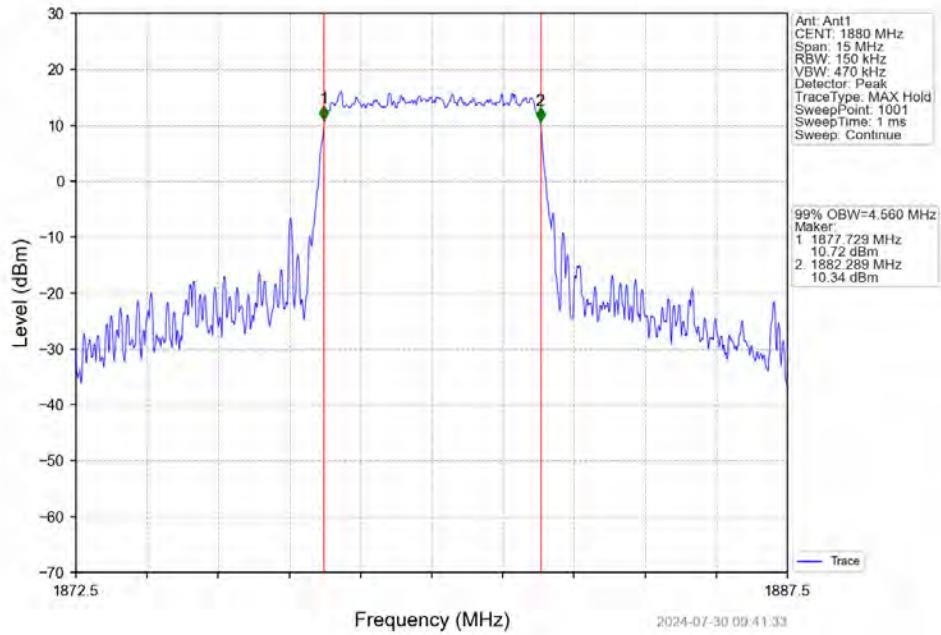
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



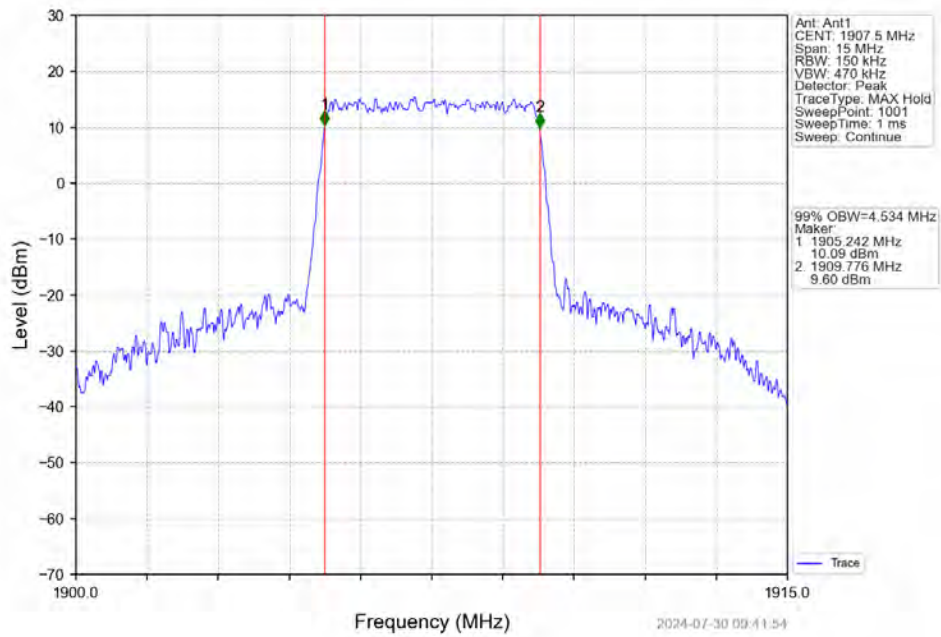
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



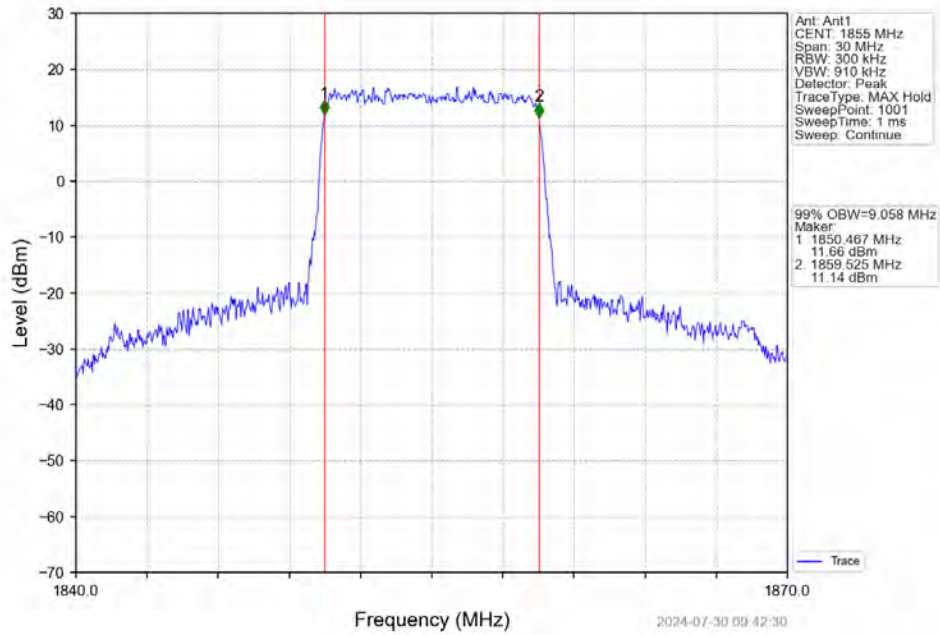
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



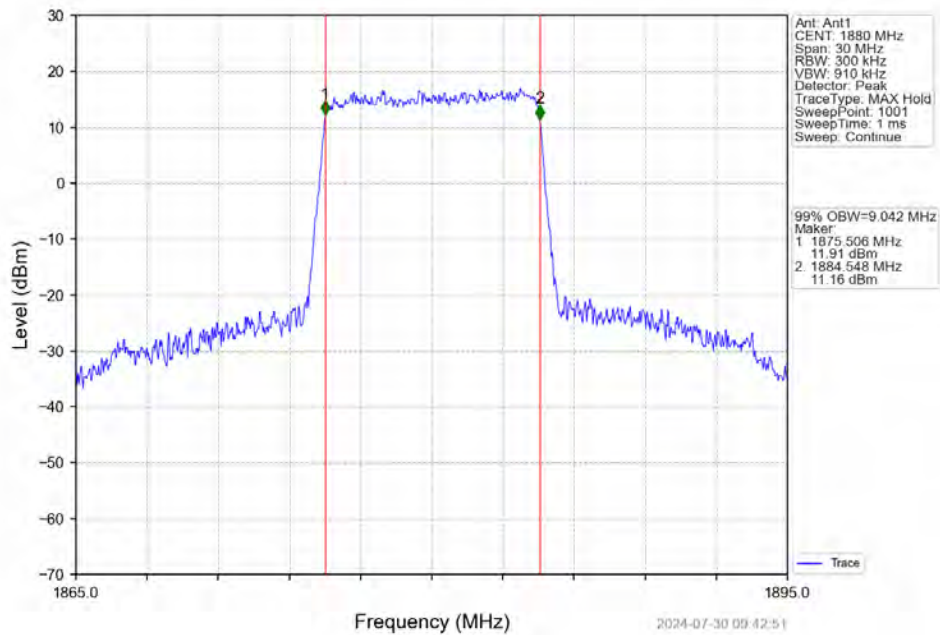
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



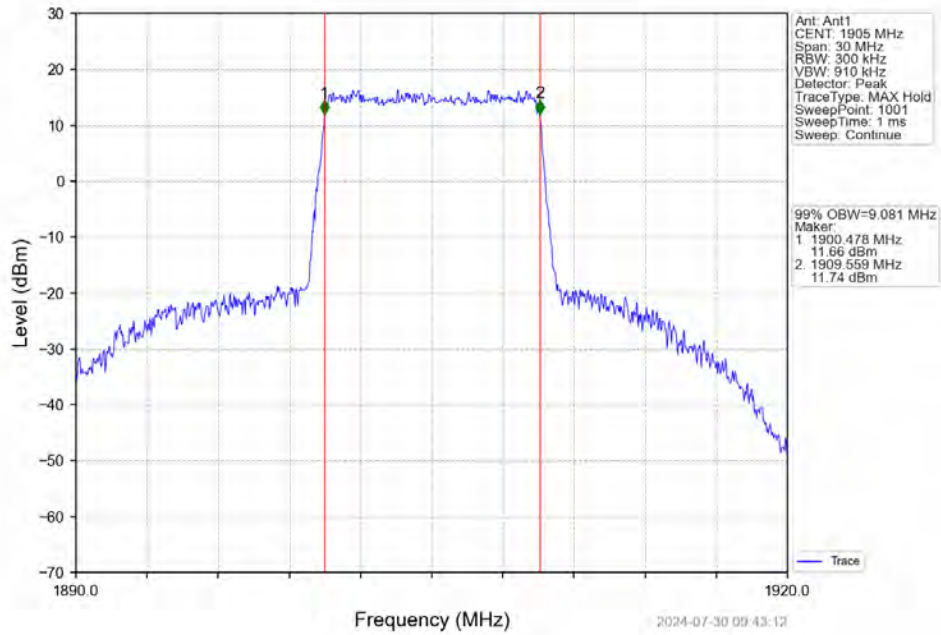
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



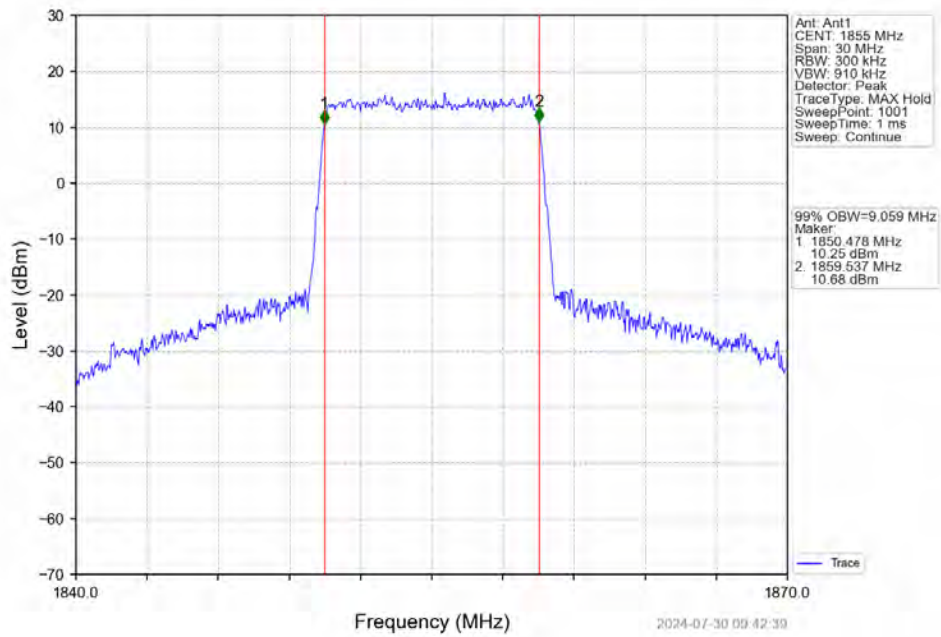
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



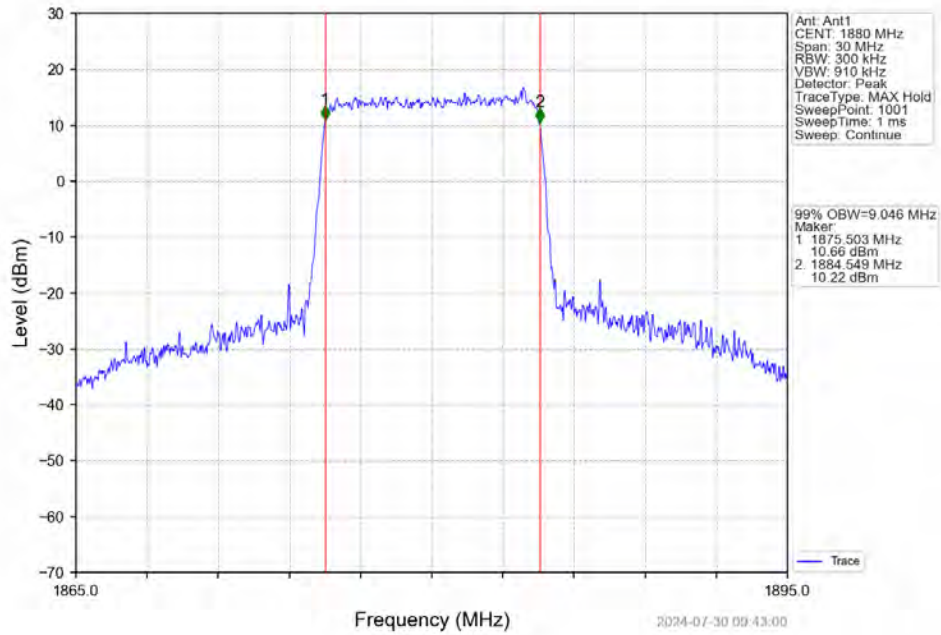
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



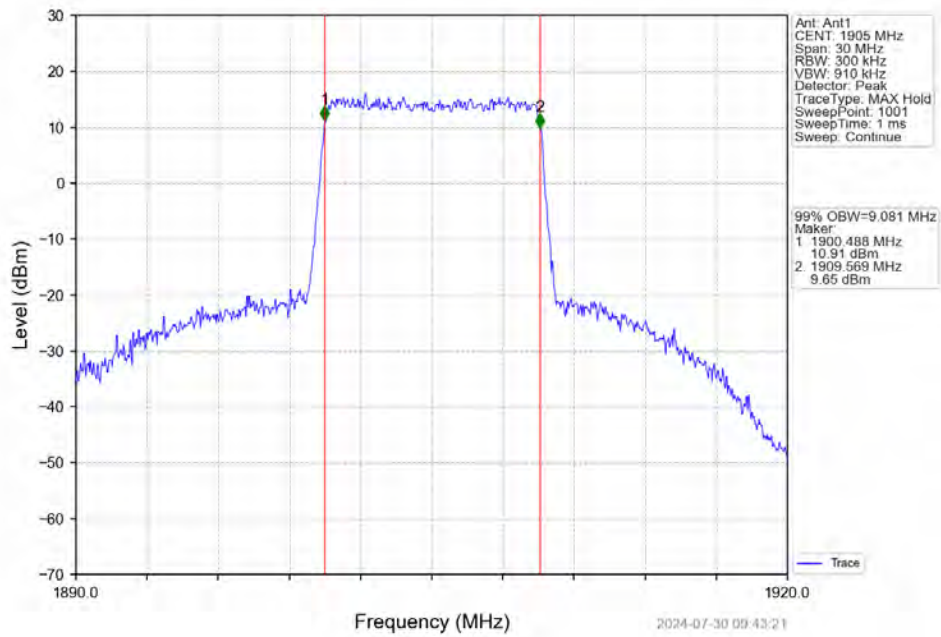
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTN



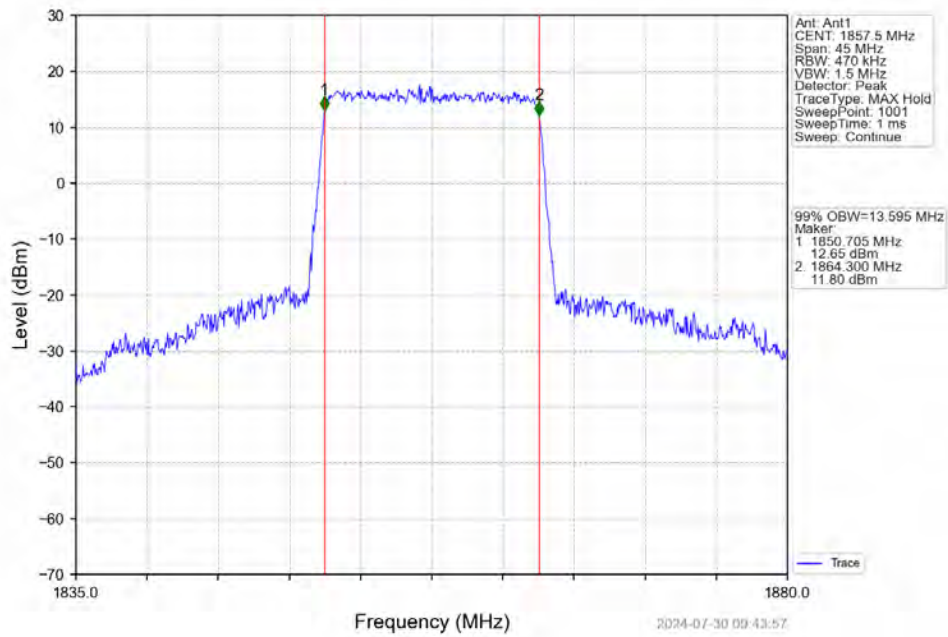
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



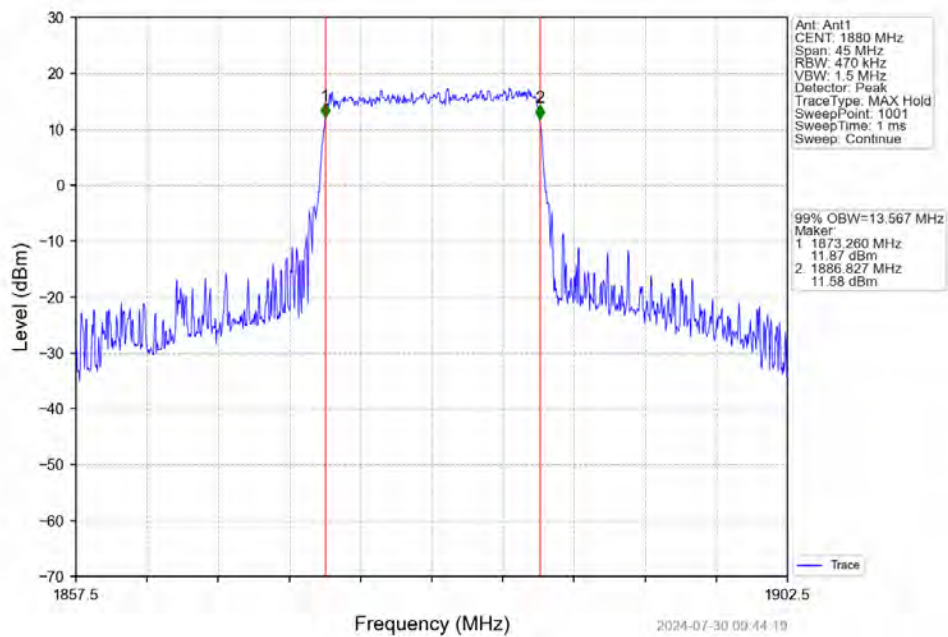
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



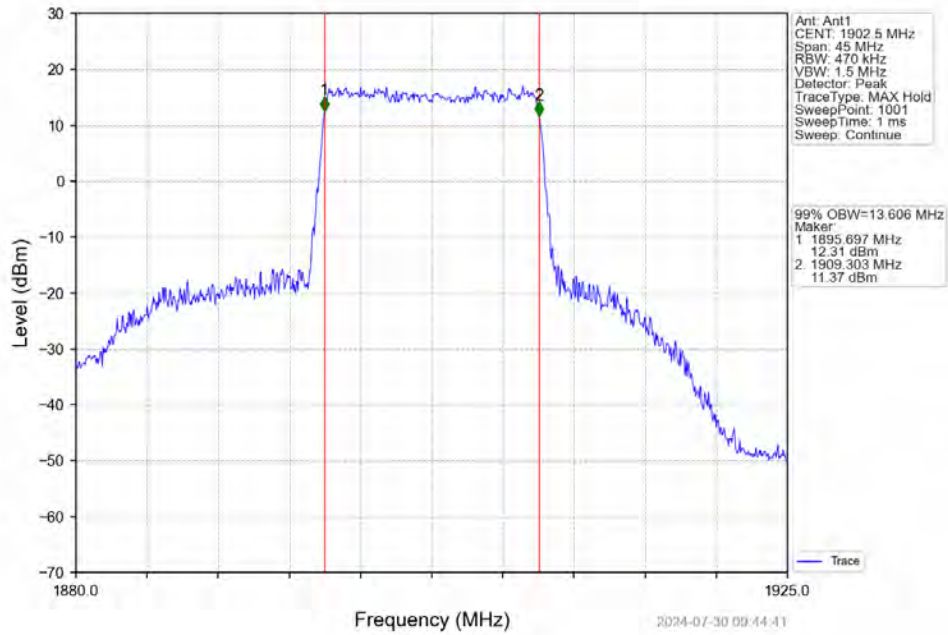
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



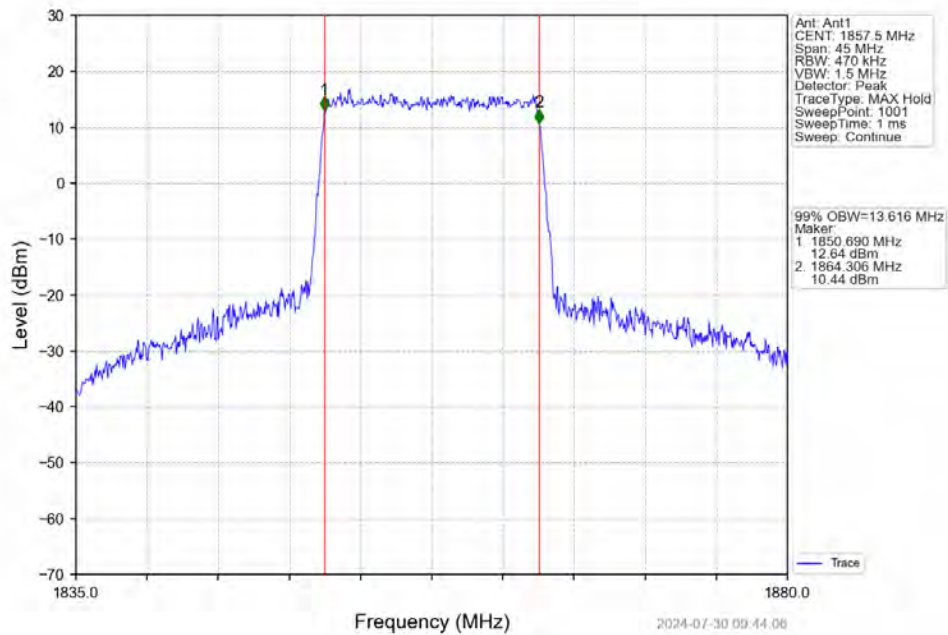
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



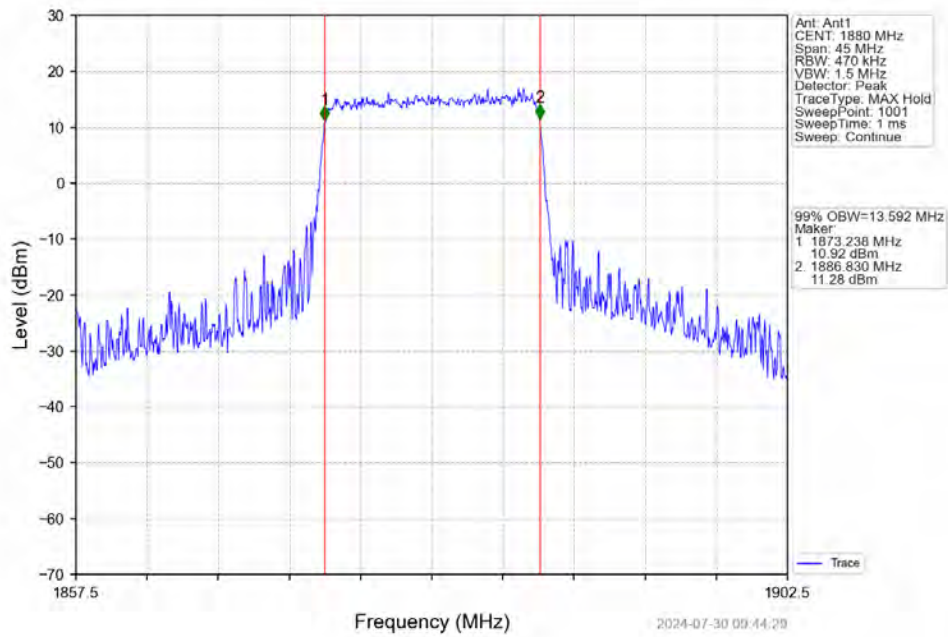
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



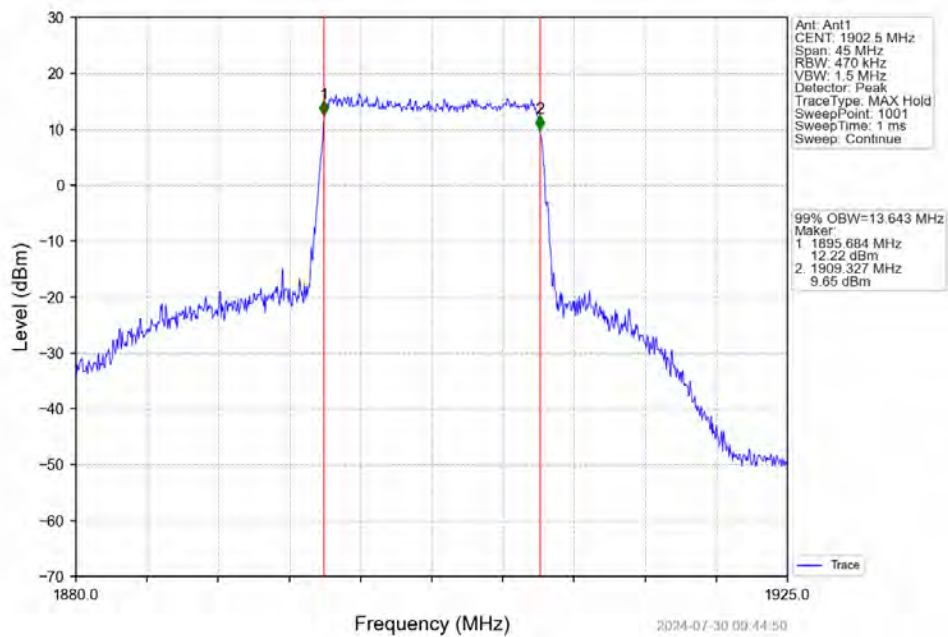
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



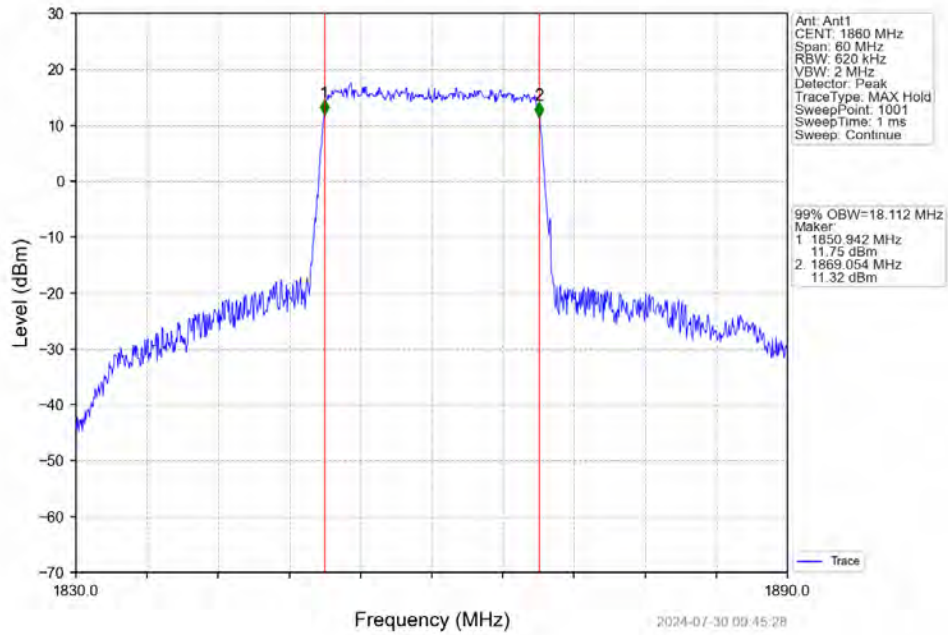
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



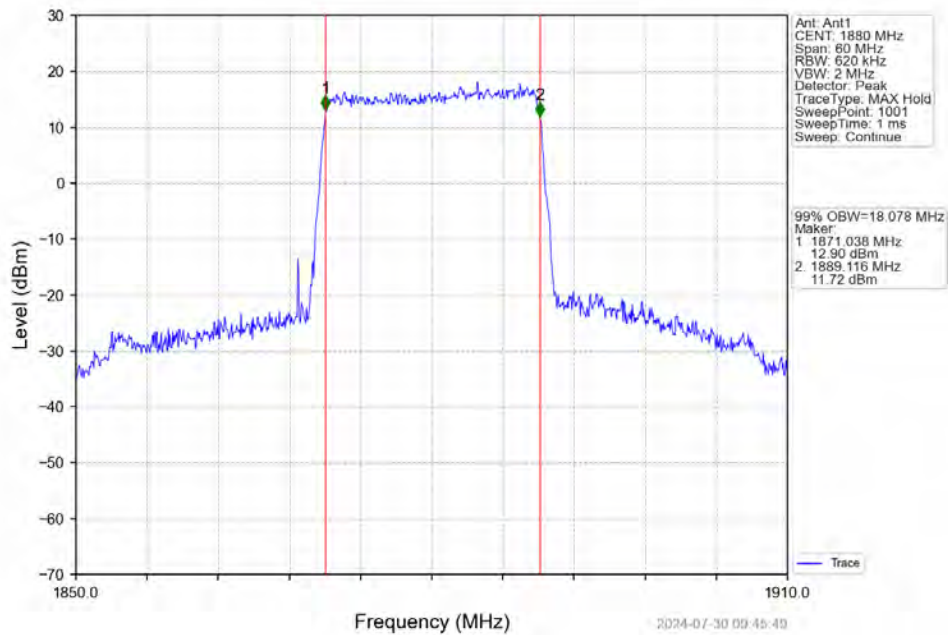
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



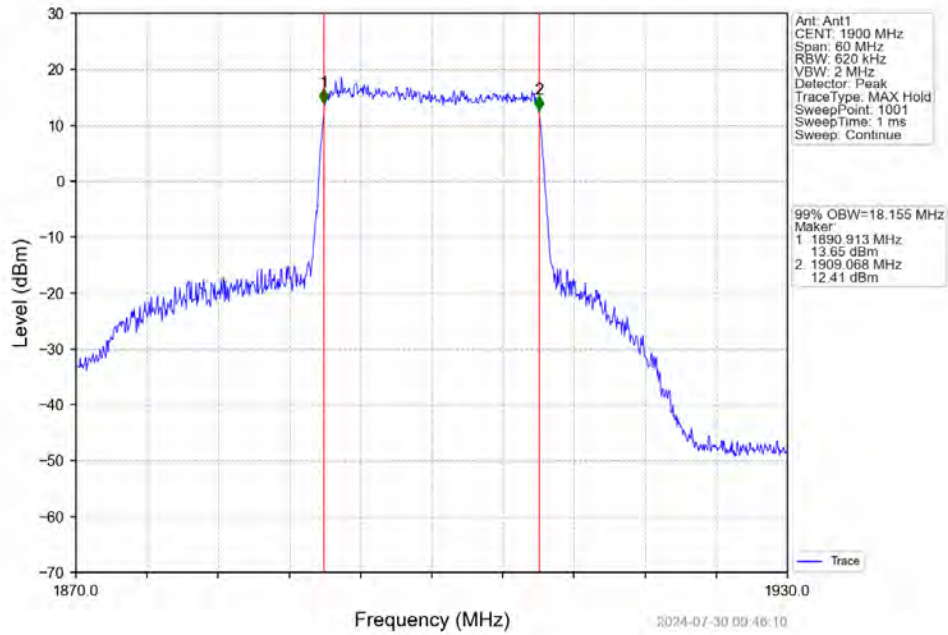
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



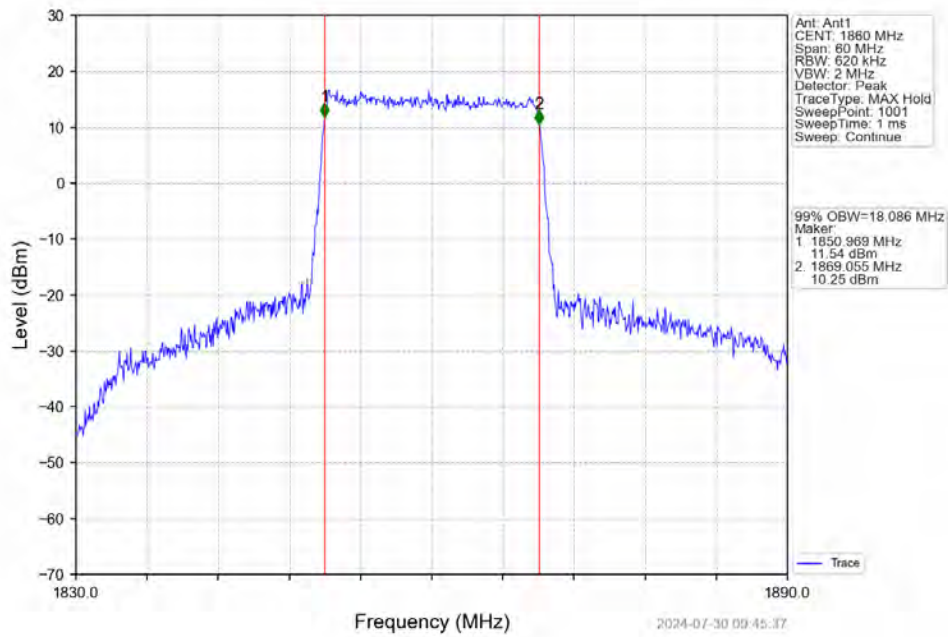
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



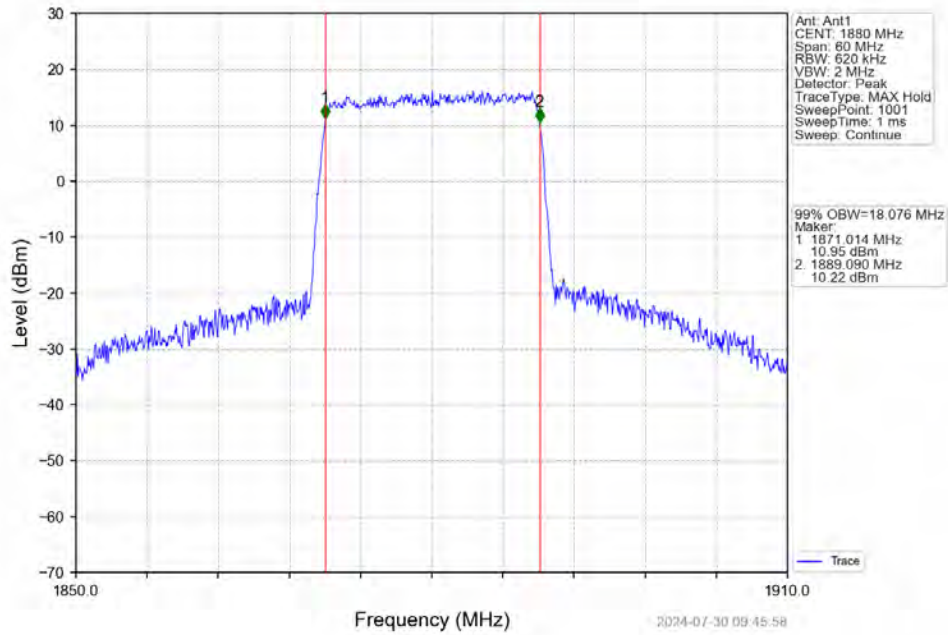
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



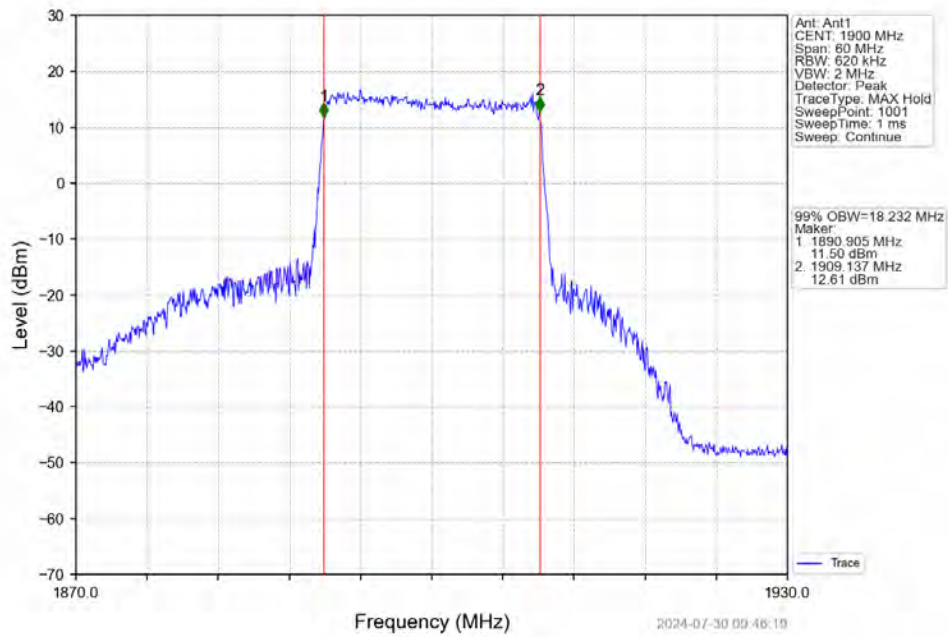
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



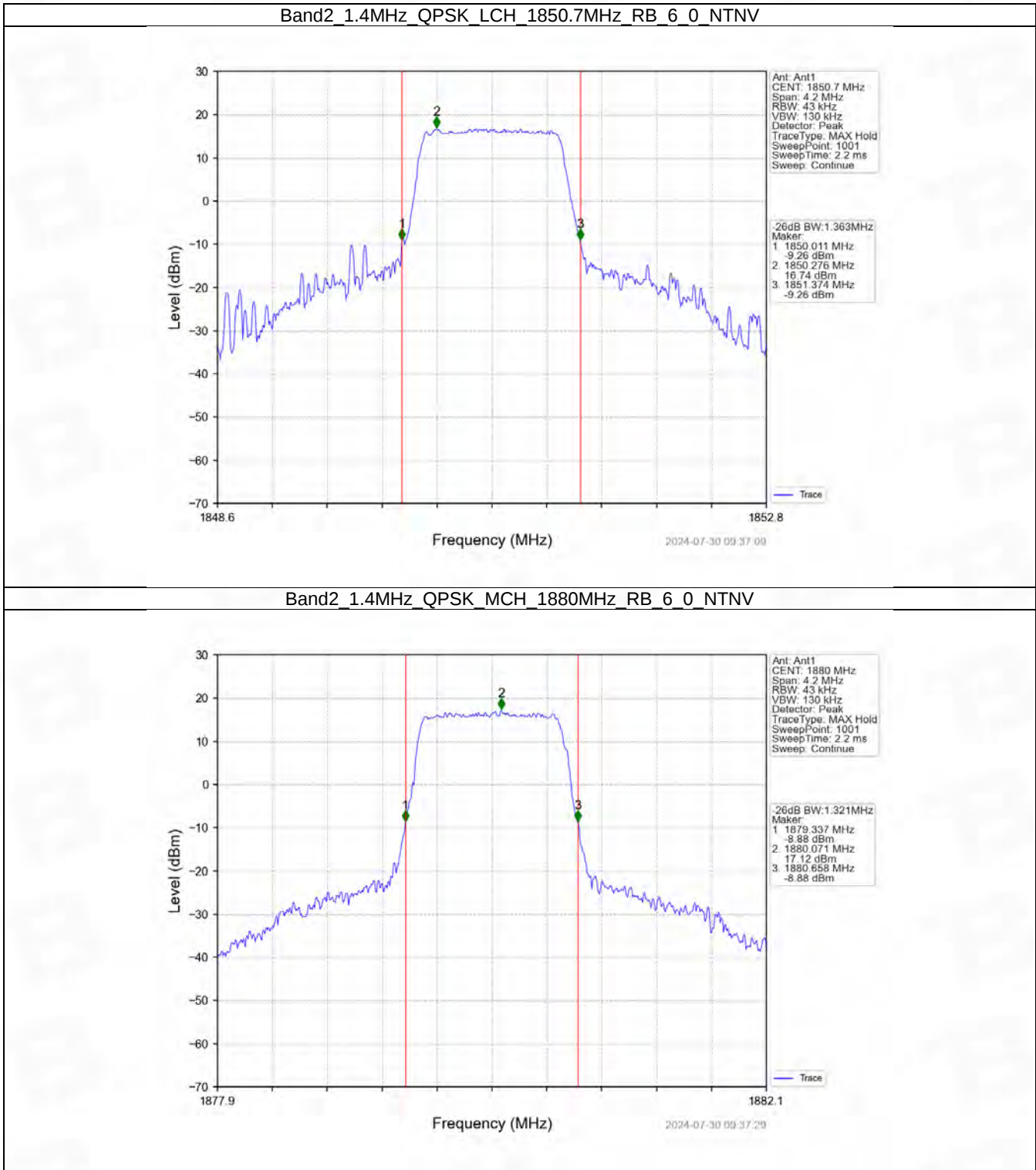
Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



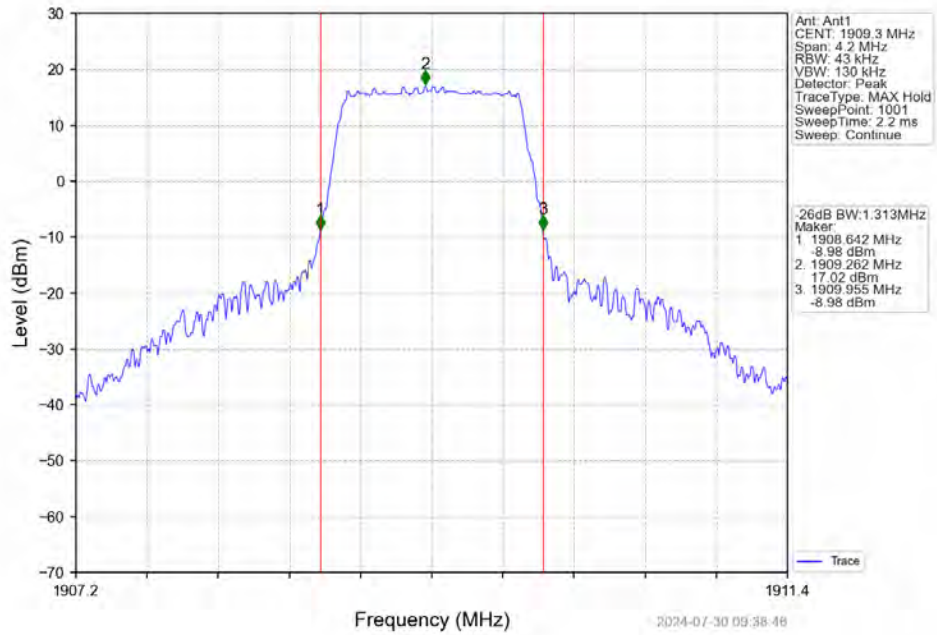
Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



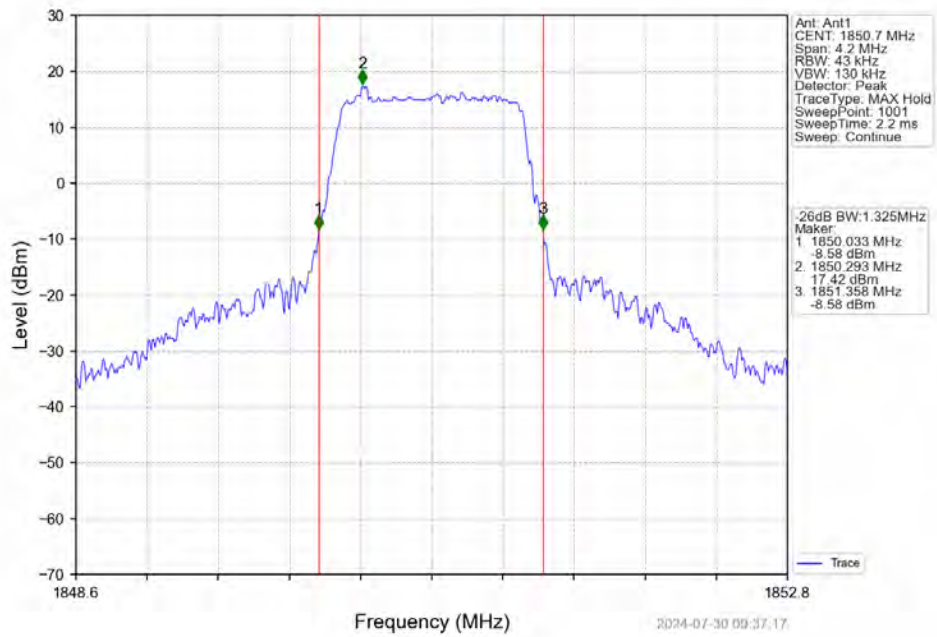
4.2.2 Band2\_XDB



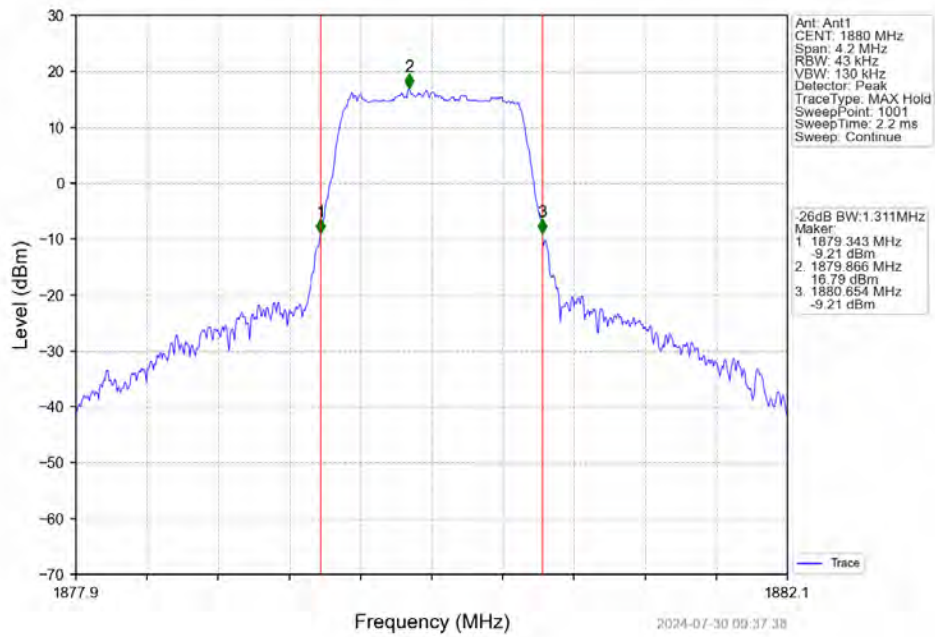
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



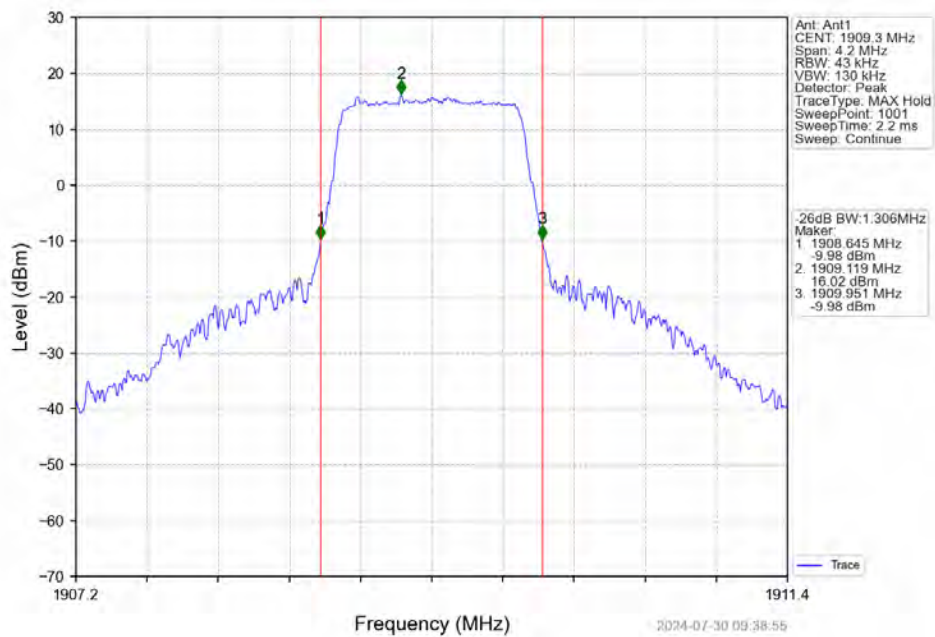
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



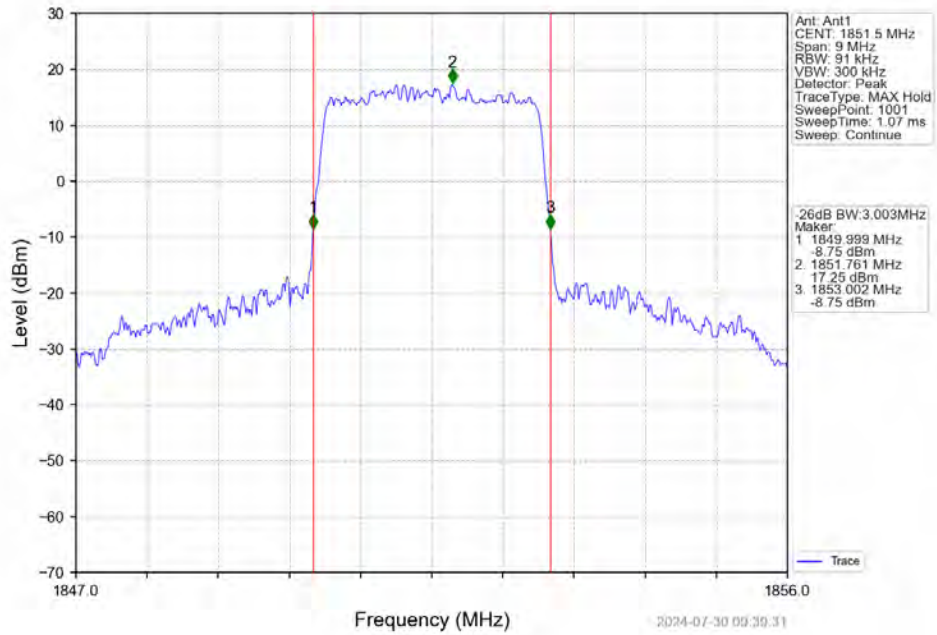
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



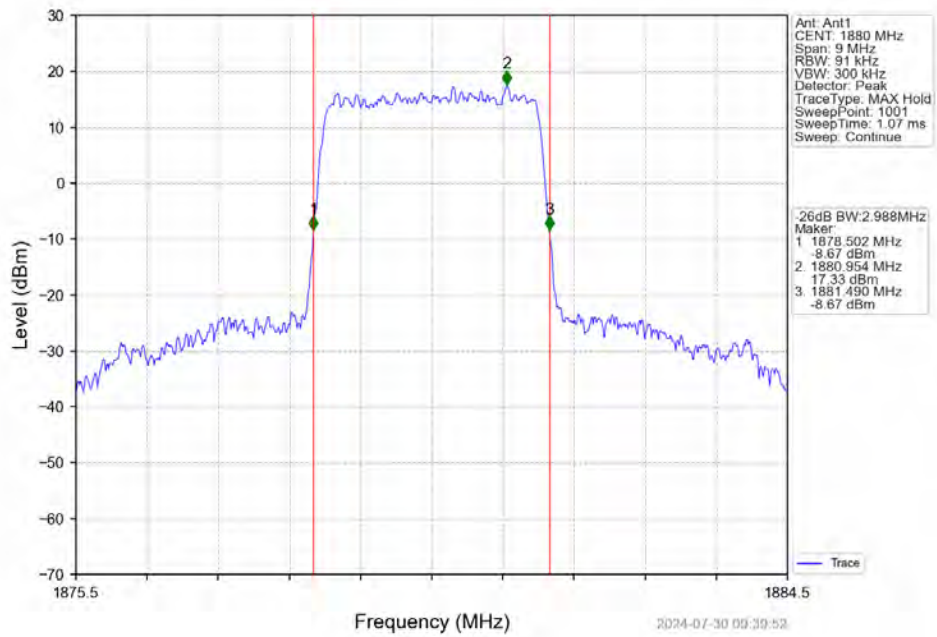
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



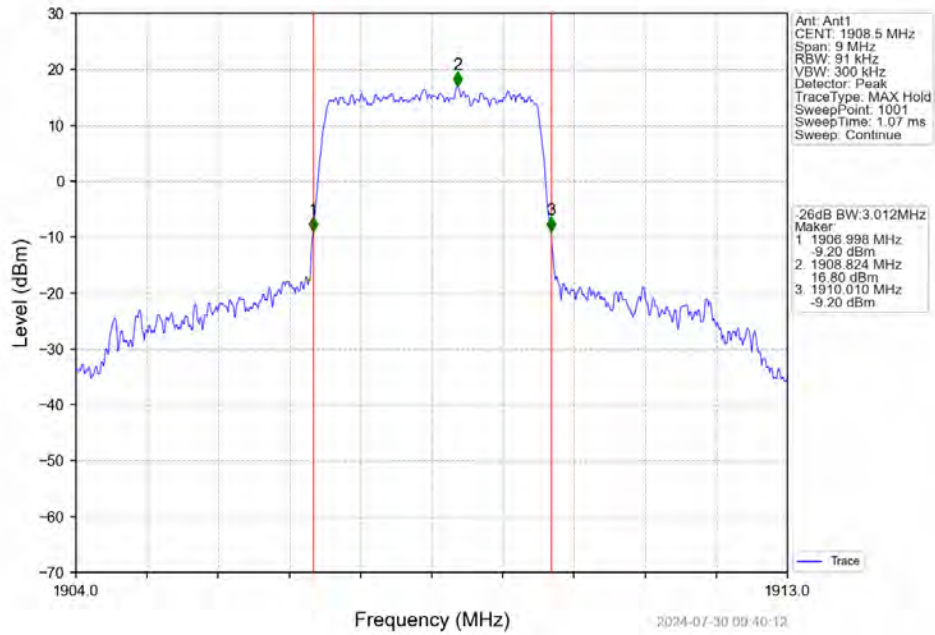
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



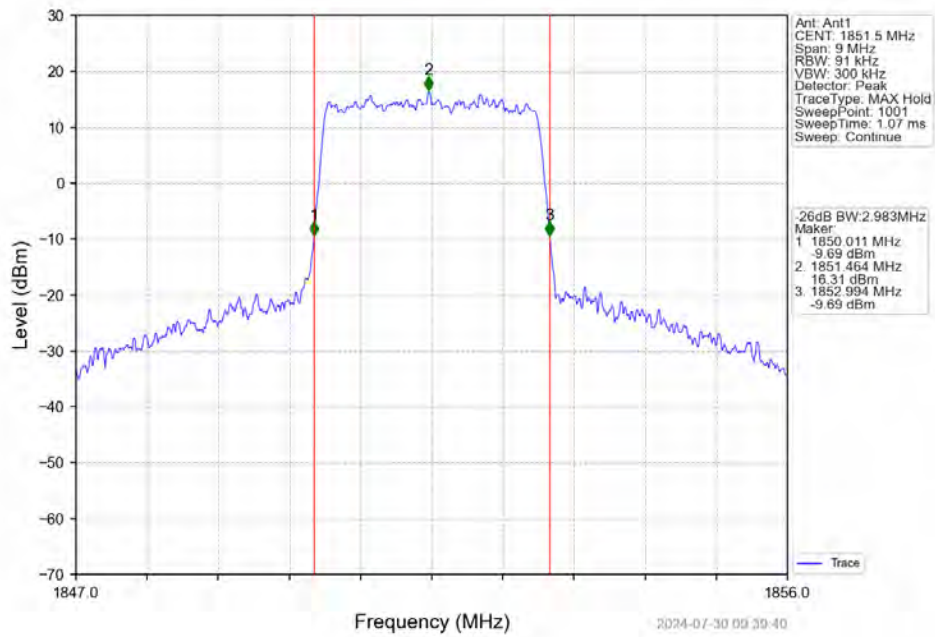
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



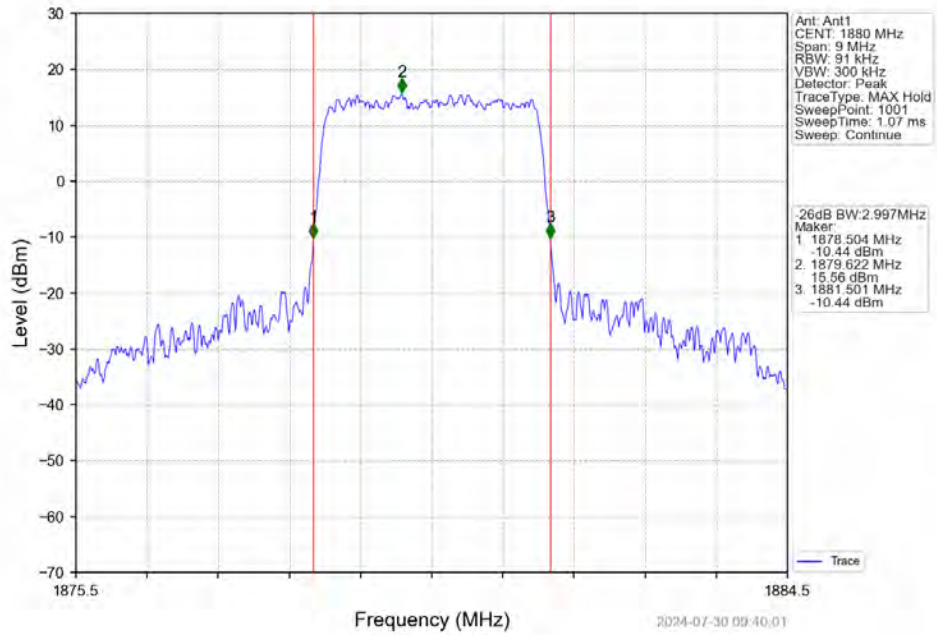
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



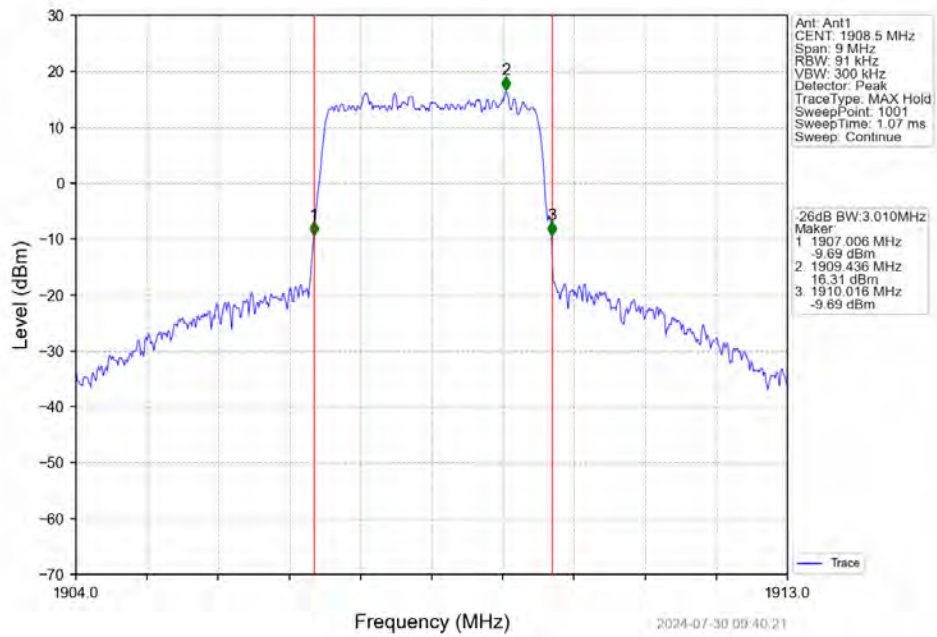
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



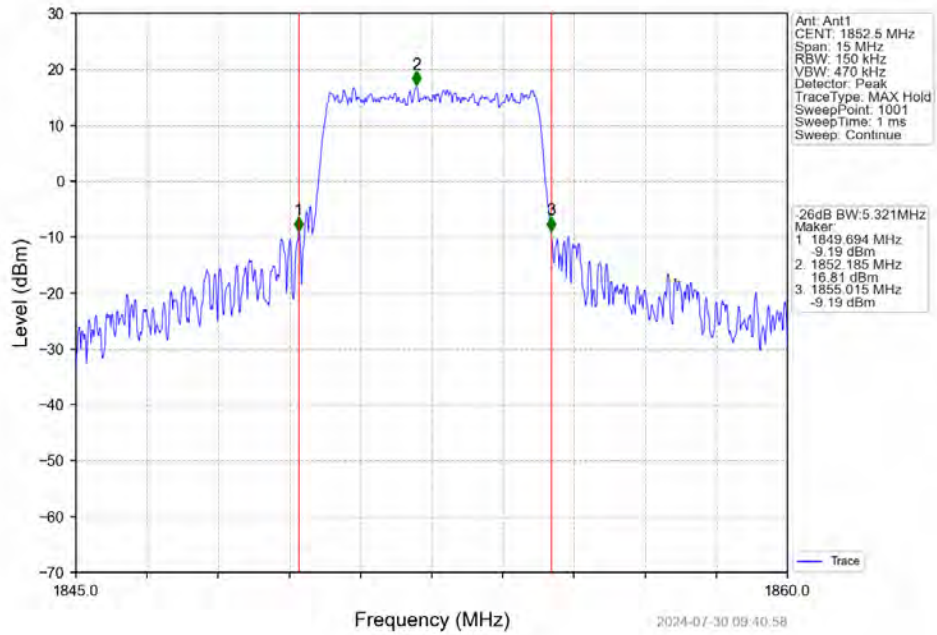
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



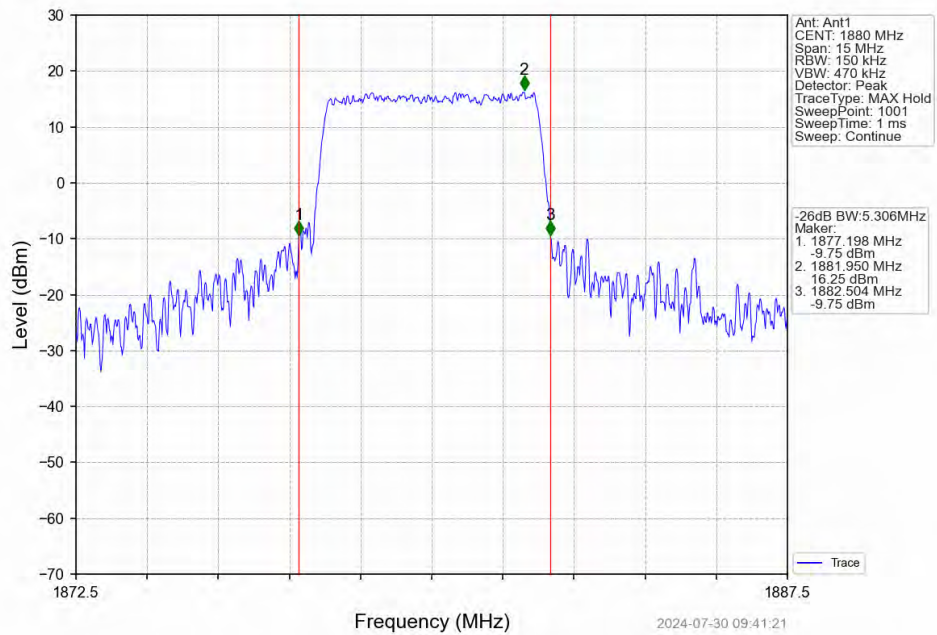
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



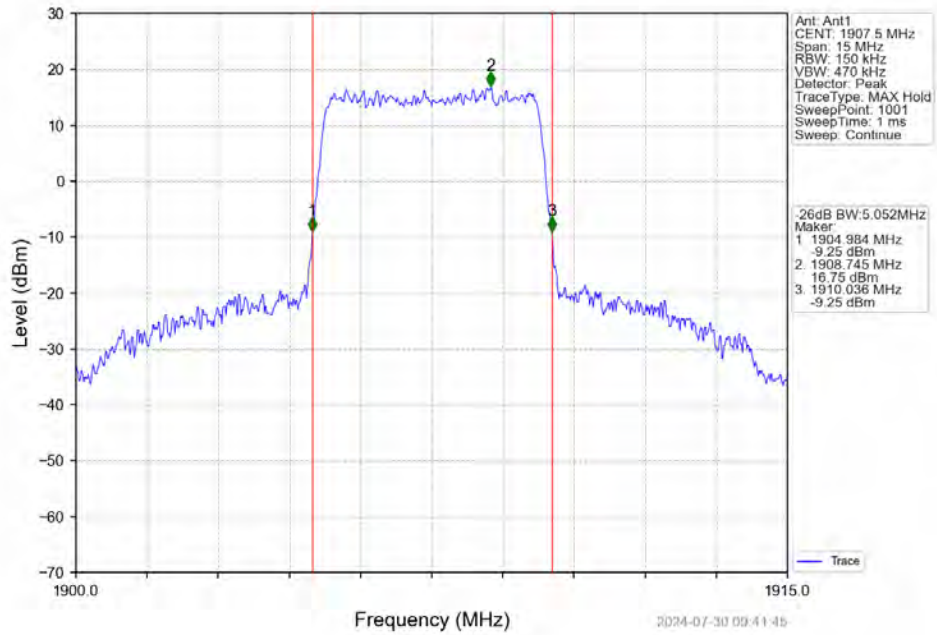
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTN



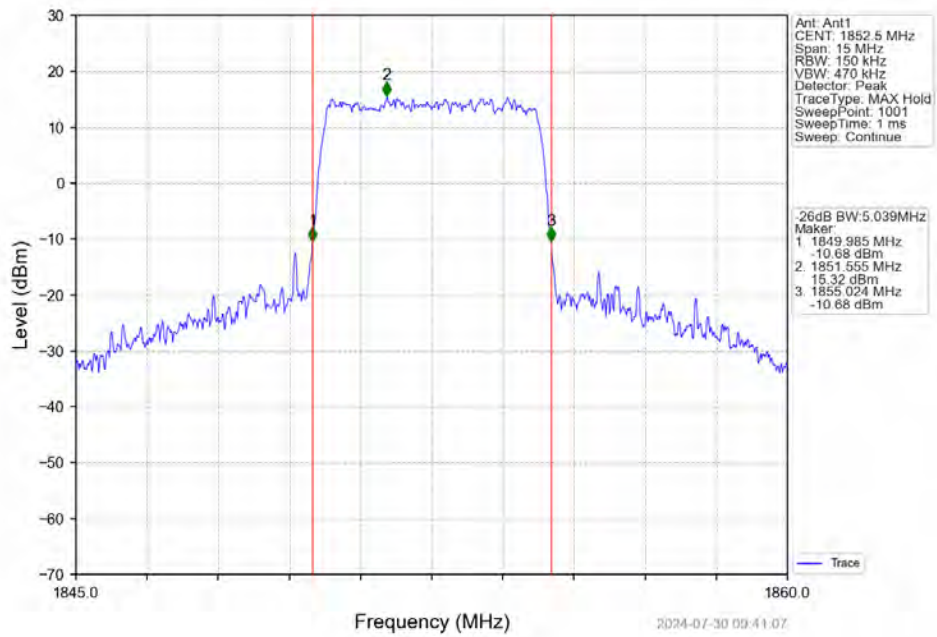
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTN



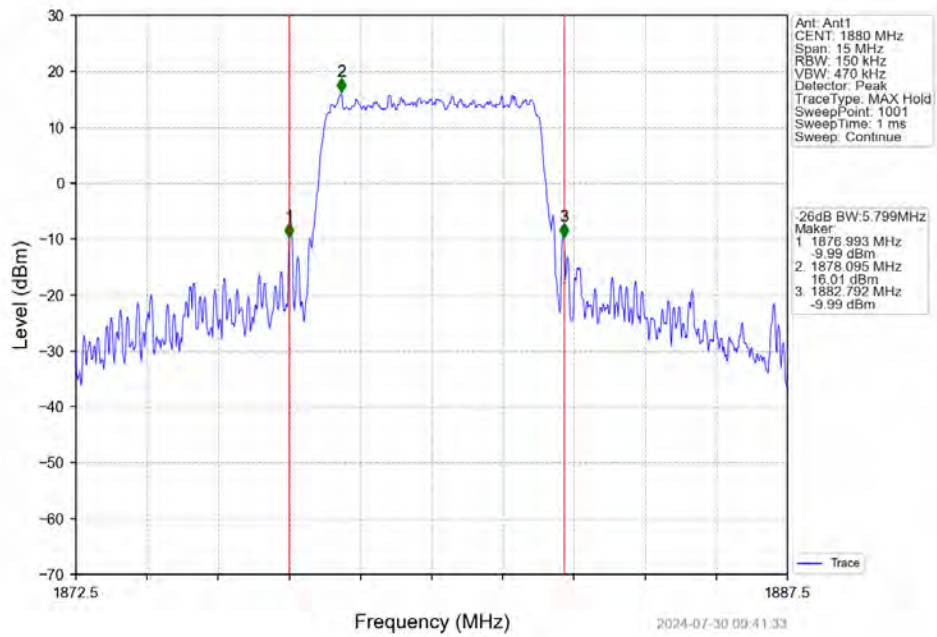
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



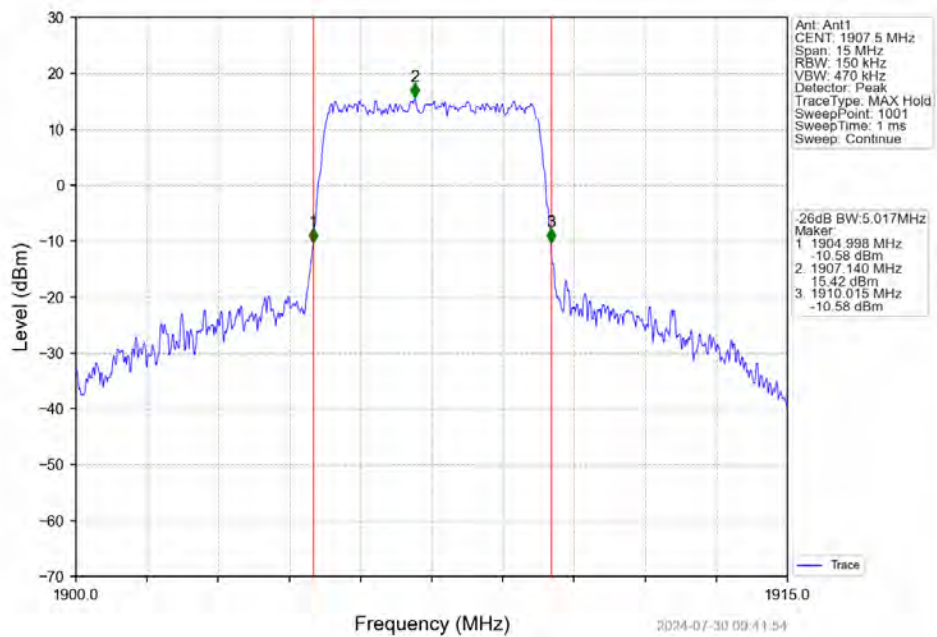
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



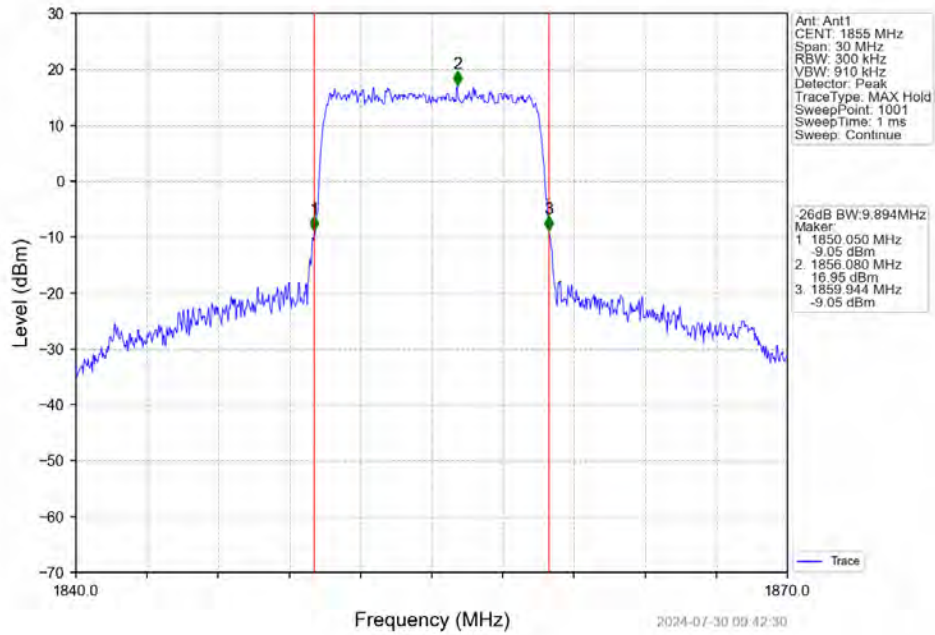
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



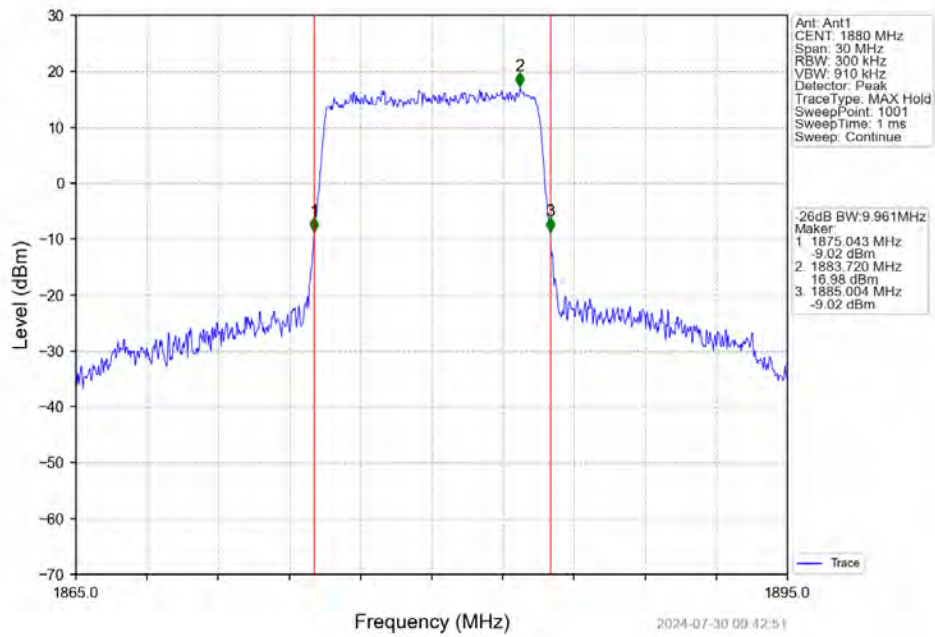
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



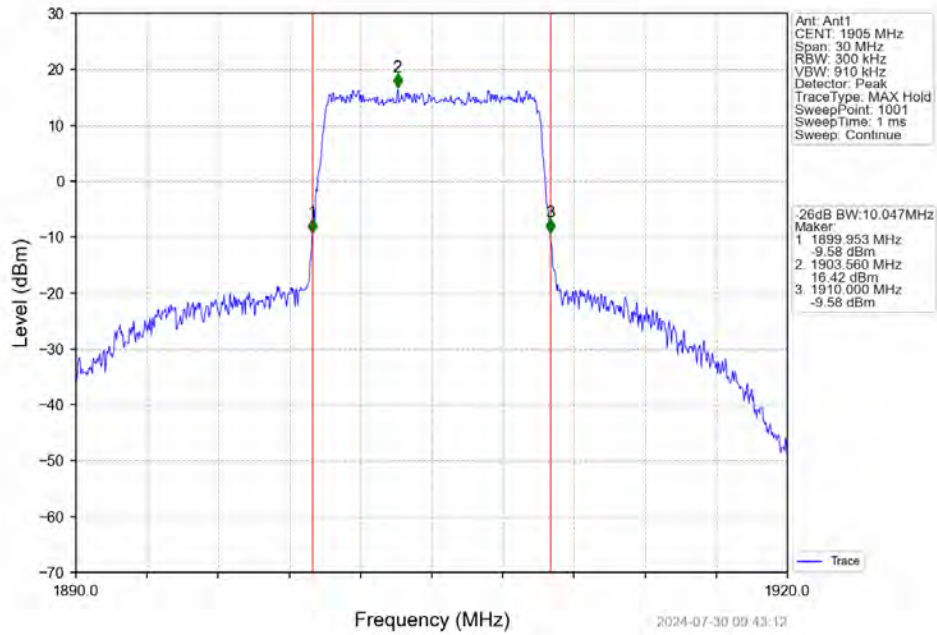
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



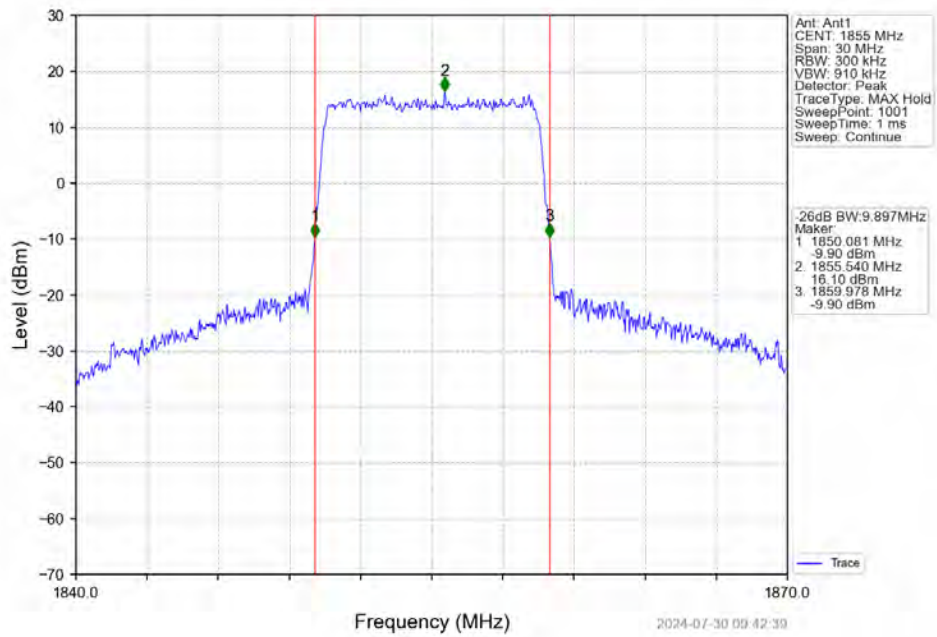
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



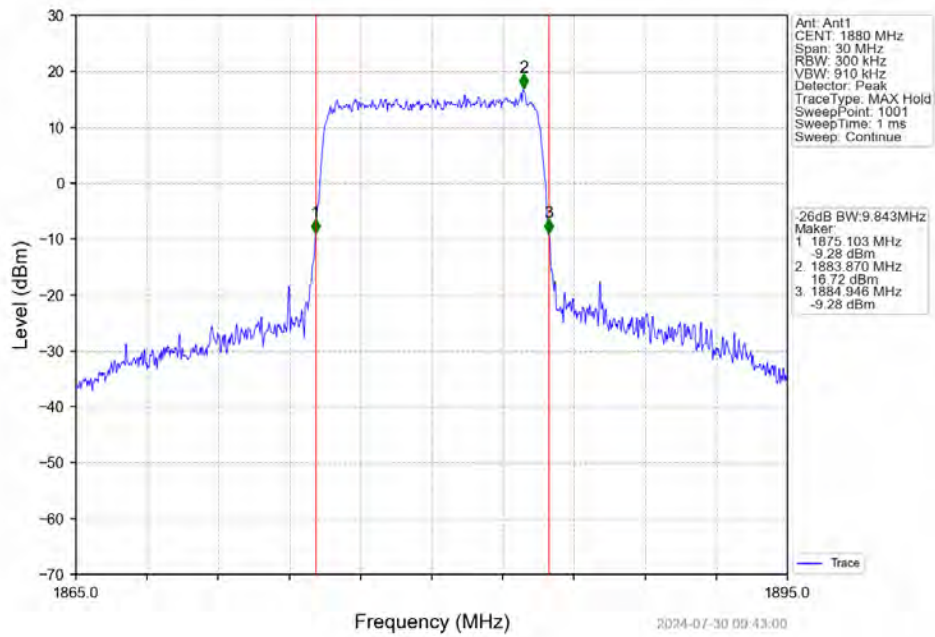
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



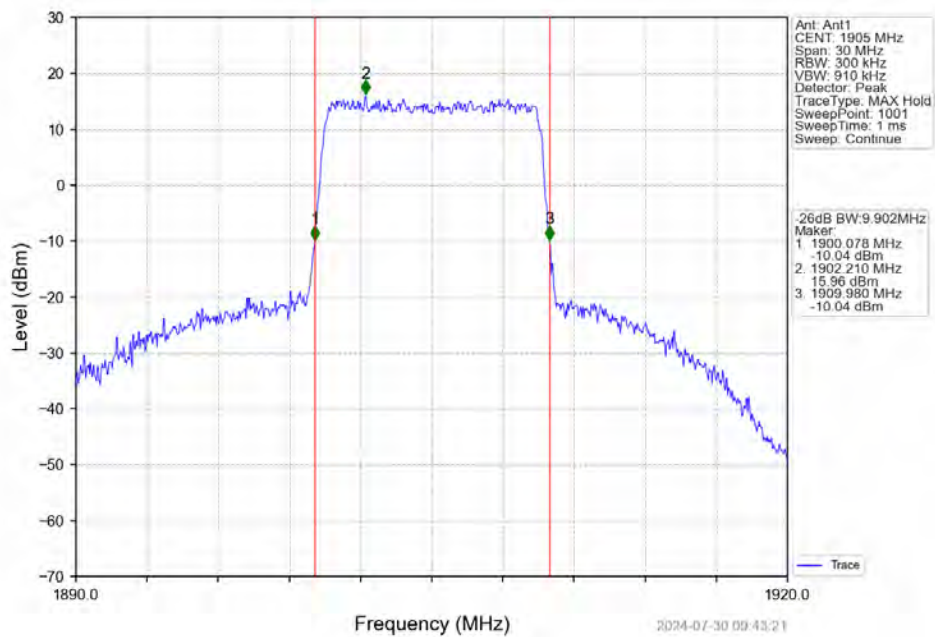
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTN



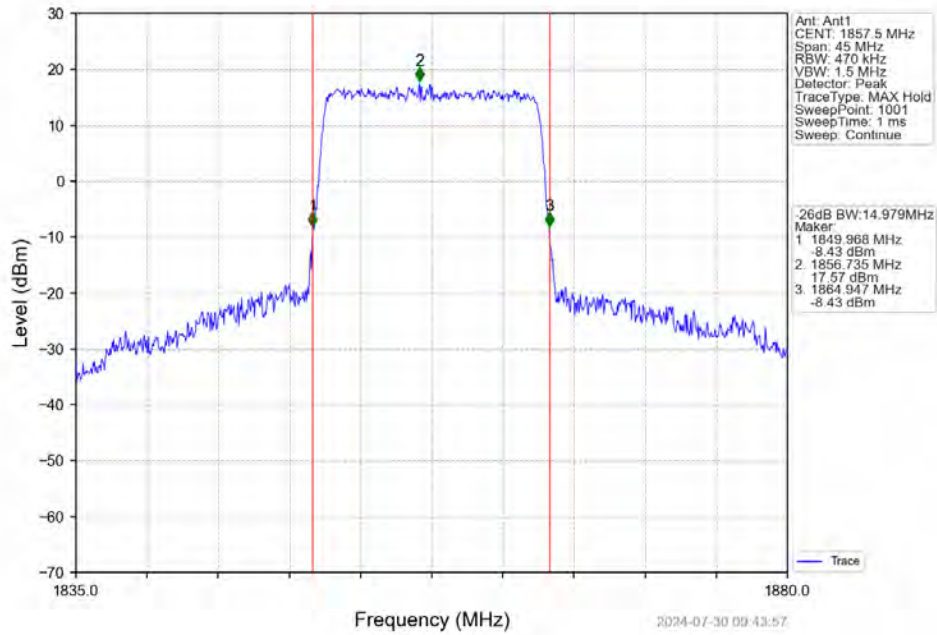
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



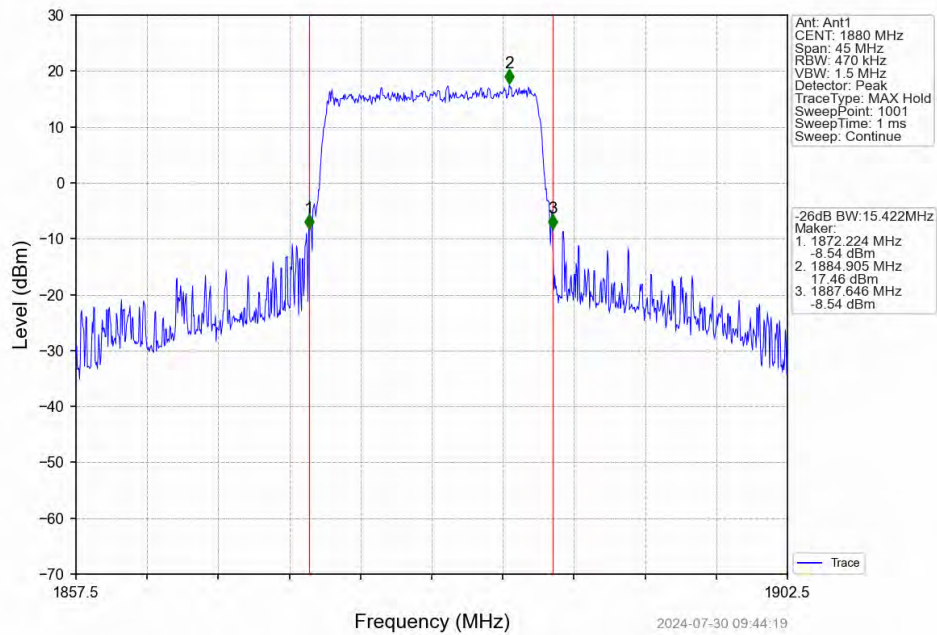
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



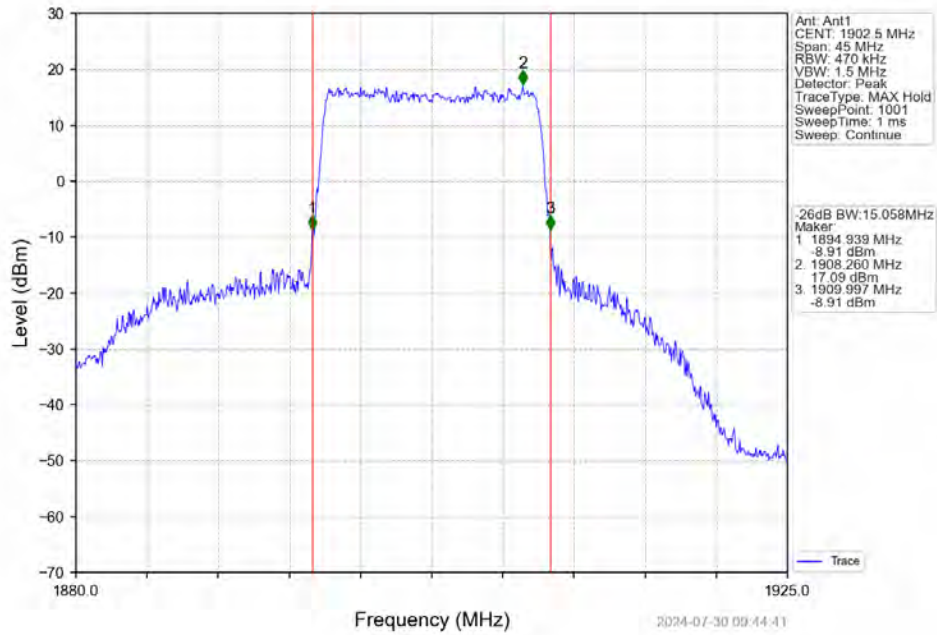
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



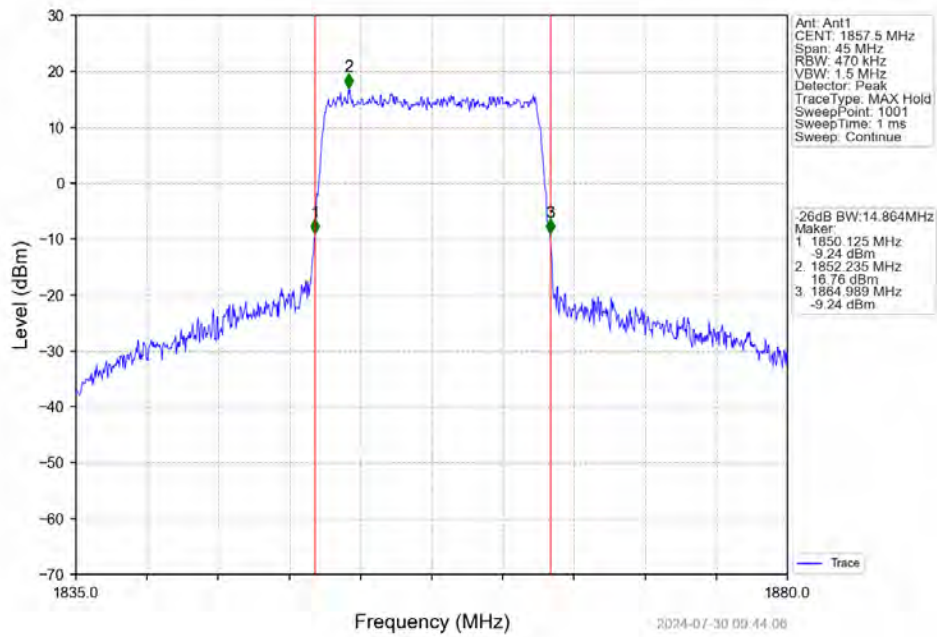
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



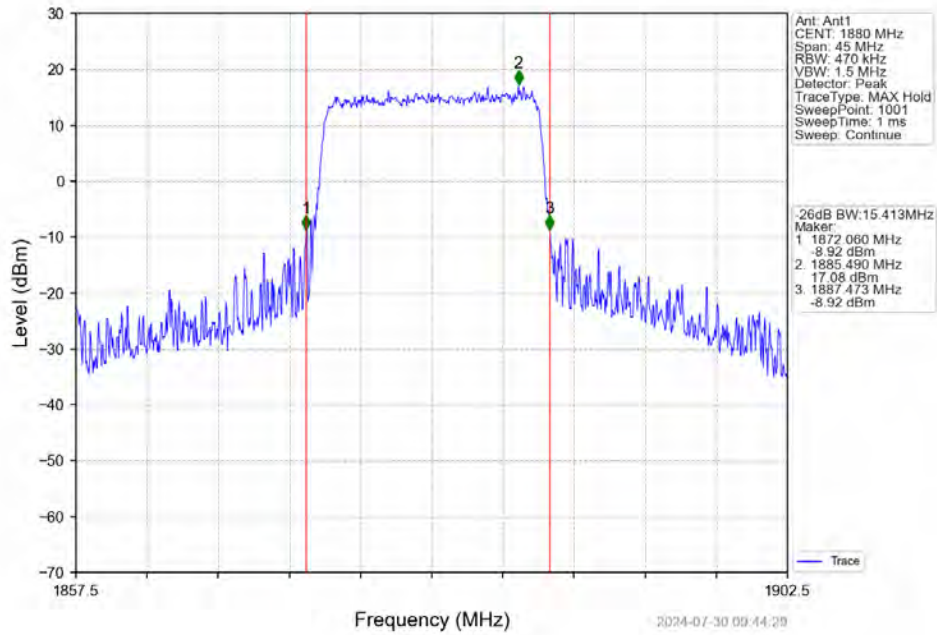
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



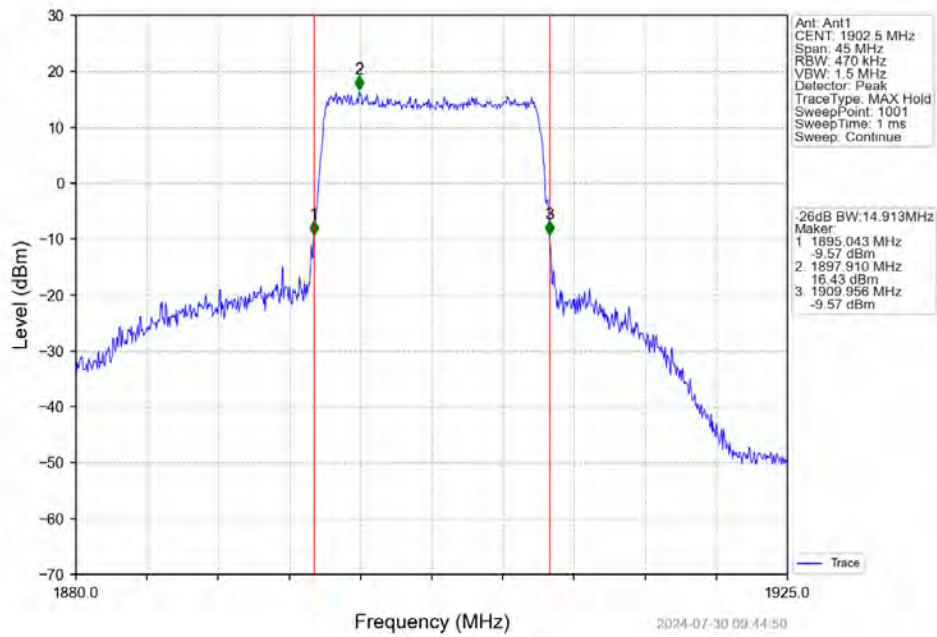
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



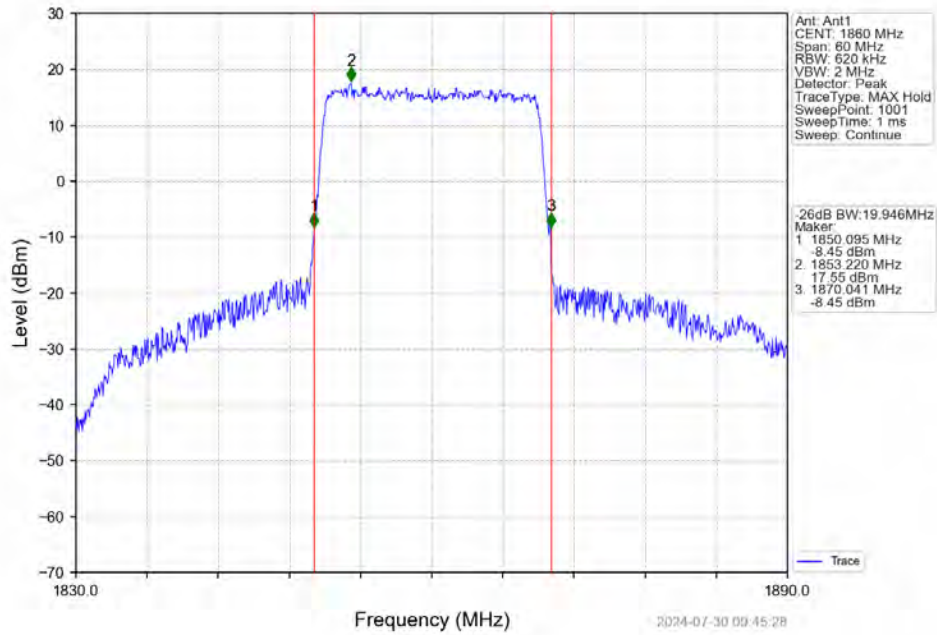
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



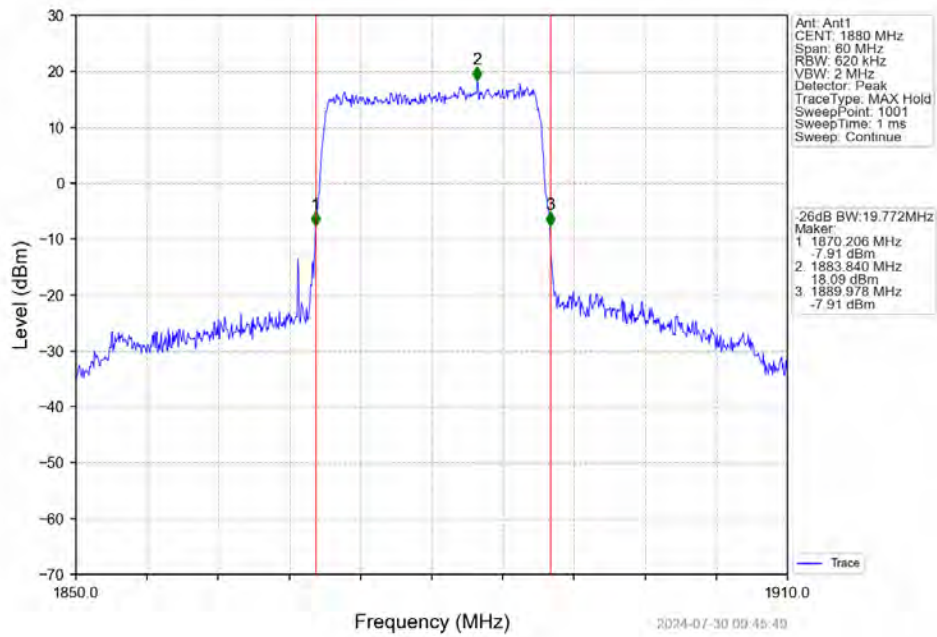
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



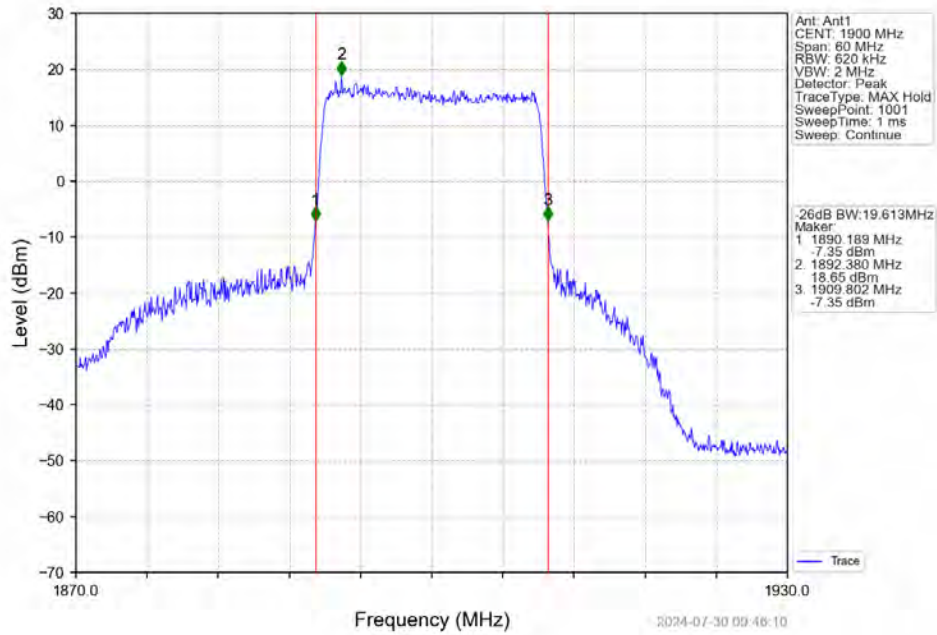
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



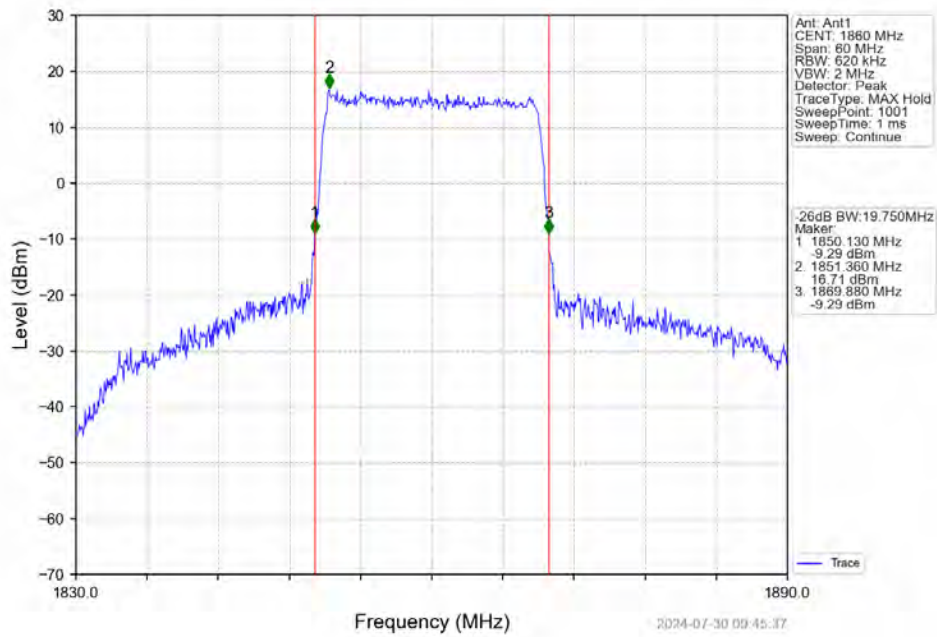
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



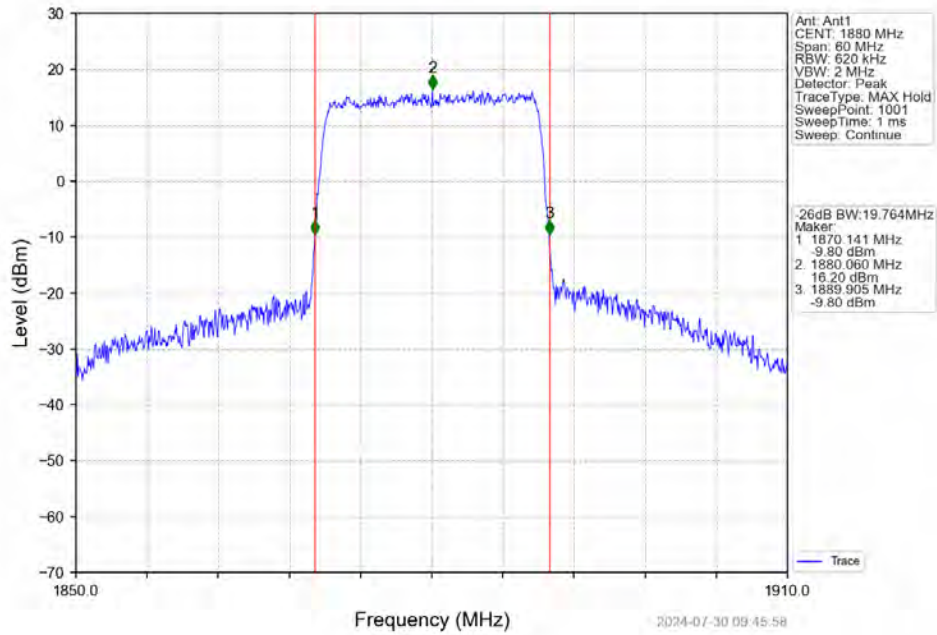
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



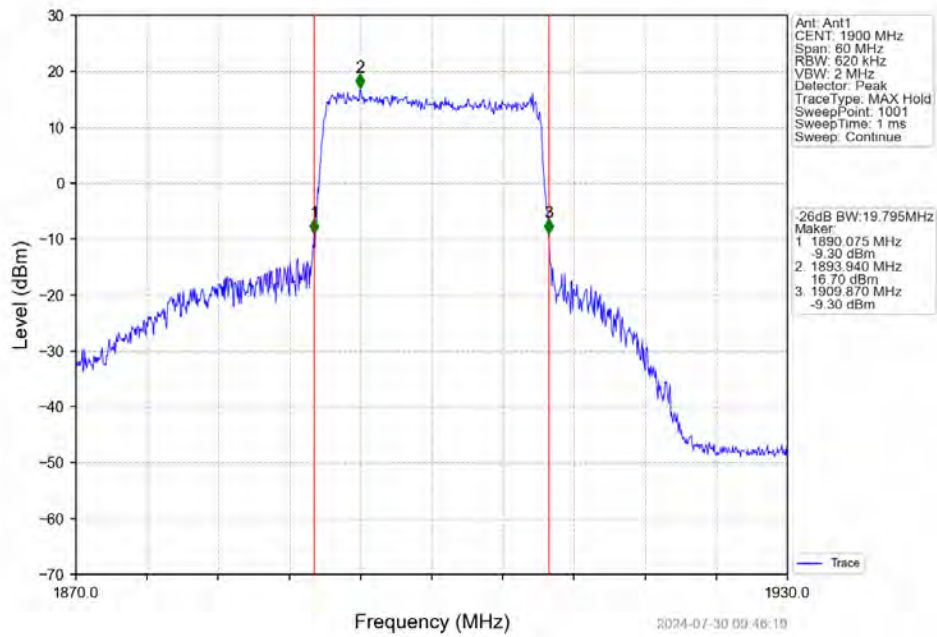
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



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



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 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      | 4.81                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 5.20                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 4.67                    | <=13  | Pass    |
| 16QAM                              | 1850.7          | 6             | 0      | 5.62                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 6.01                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 5.56                    | <=13  | Pass    |

#### 5.1.2 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      | 4.95                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 5.14                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 4.82                    | <=13  | Pass    |
| 16QAM                            | 1851.5          | 15            | 0      | 5.72                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 6.00                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 5.67                    | <=13  | Pass    |

#### 5.1.3 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      | 5.19                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 5.45                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 5.26                    | <=13  | Pass    |
| 16QAM                            | 1852.5          | 25            | 0      | 5.93                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 6.14                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 6.07                    | <=13  | Pass    |

#### 5.1.4 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      | 5.27                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 5.40                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 5.46                    | <=13  | Pass    |
| 16QAM                             | 1855            | 50            | 0      | 6.03                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 6.24                    | <=13  | Pass    |

|  |      |    |   |      |      |      |
|--|------|----|---|------|------|------|
|  | 1905 | 50 | 0 | 6.18 | <=13 | Pass |
|--|------|----|---|------|------|------|

### 5.1.5 B2\_15MHz

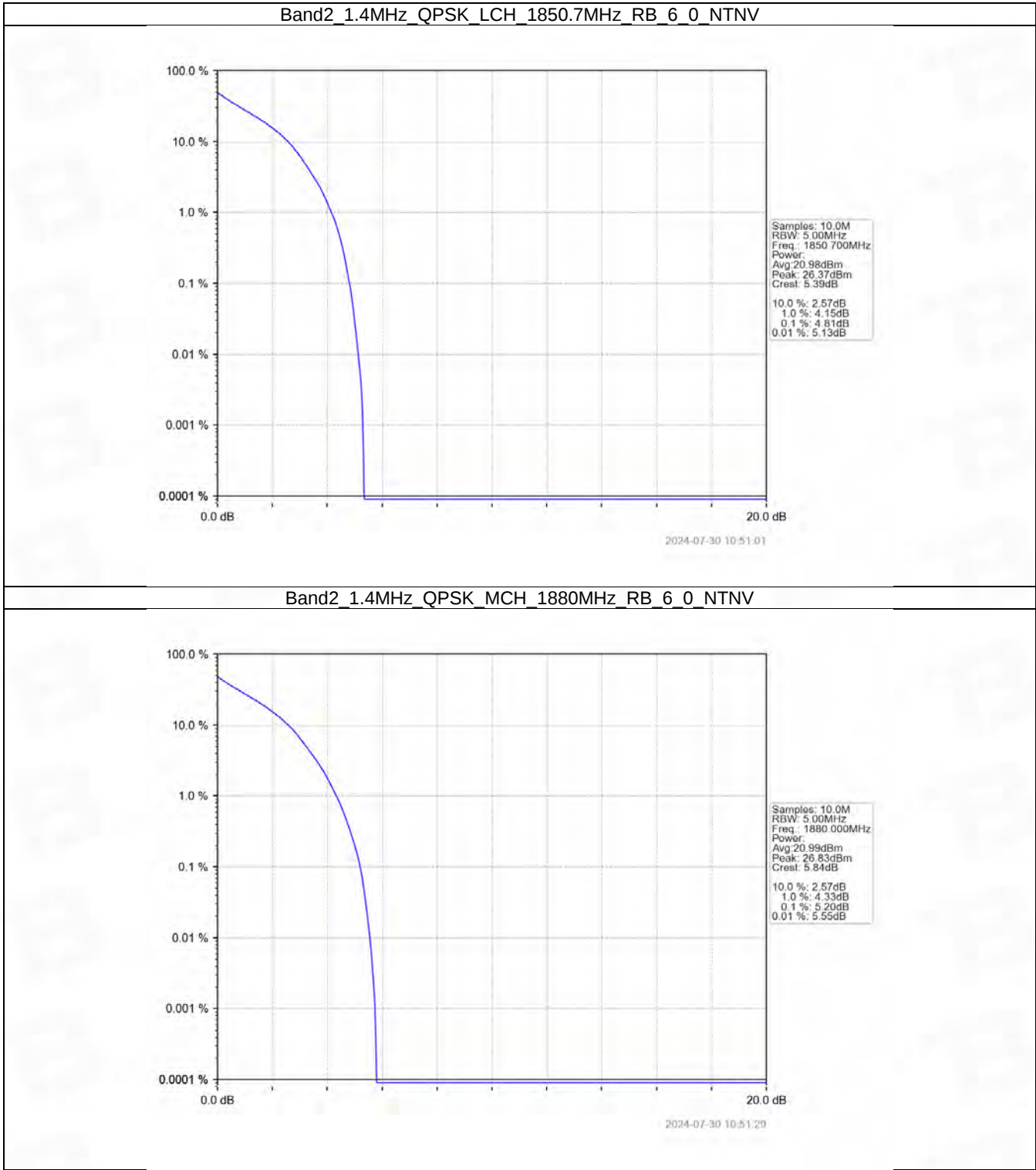
| Band: 2 / Bandwidth: 15MHz / NTN |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1857.5          | 75            | 0      | 5.45                    | <=13  | Pass    |
|                                  | 1880            | 75            | 0      | 5.68                    | <=13  | Pass    |
|                                  | 1902.5          | 75            | 0      | 5.56                    | <=13  | Pass    |
| 16QAM                            | 1857.5          | 75            | 0      | 6.16                    | <=13  | Pass    |
|                                  | 1880            | 75            | 0      | 6.27                    | <=13  | Pass    |
|                                  | 1902.5          | 75            | 0      | 6.18                    | <=13  | Pass    |

### 5.1.6 B2\_20MHz

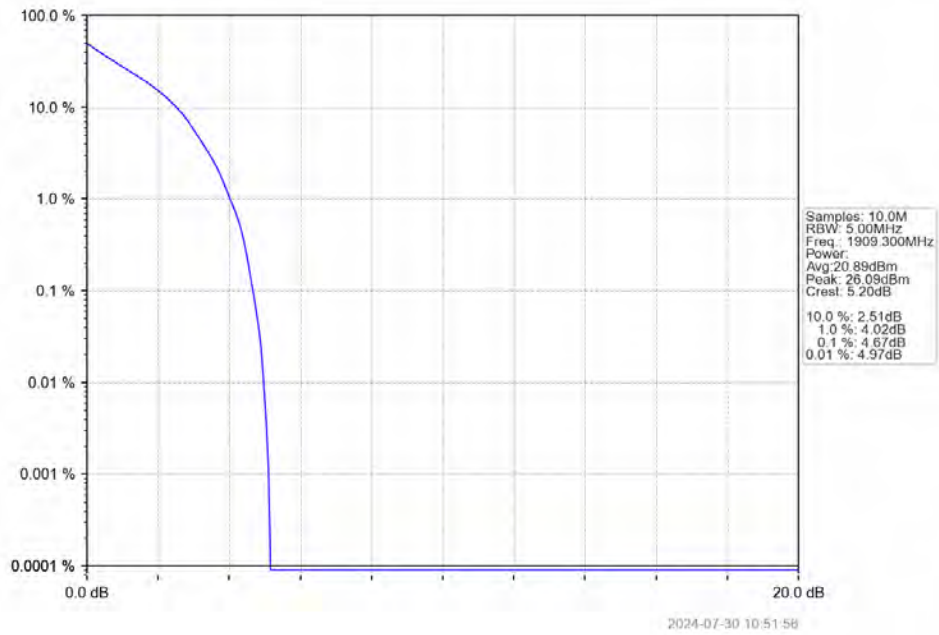
| Band: 2 / Bandwidth: 20MHz / NTN |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1860            | 100           | 0      | 5.49                    | <=13  | Pass    |
|                                  | 1880            | 100           | 0      | 5.48                    | <=13  | Pass    |
|                                  | 1900            | 100           | 0      | 5.40                    | <=13  | Pass    |
| 16QAM                            | 1860            | 100           | 0      | 6.27                    | <=13  | Pass    |
|                                  | 1880            | 100           | 0      | 6.24                    | <=13  | Pass    |
|                                  | 1900            | 100           | 0      | 6.17                    | <=13  | Pass    |

5.2 Test Graph

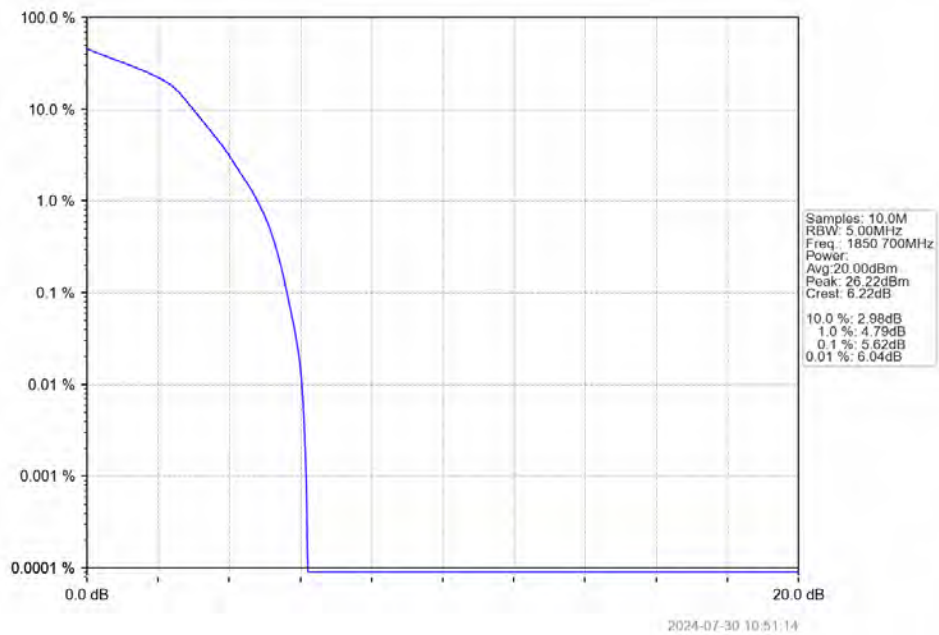
5.2.1 B2\_1.4MHz



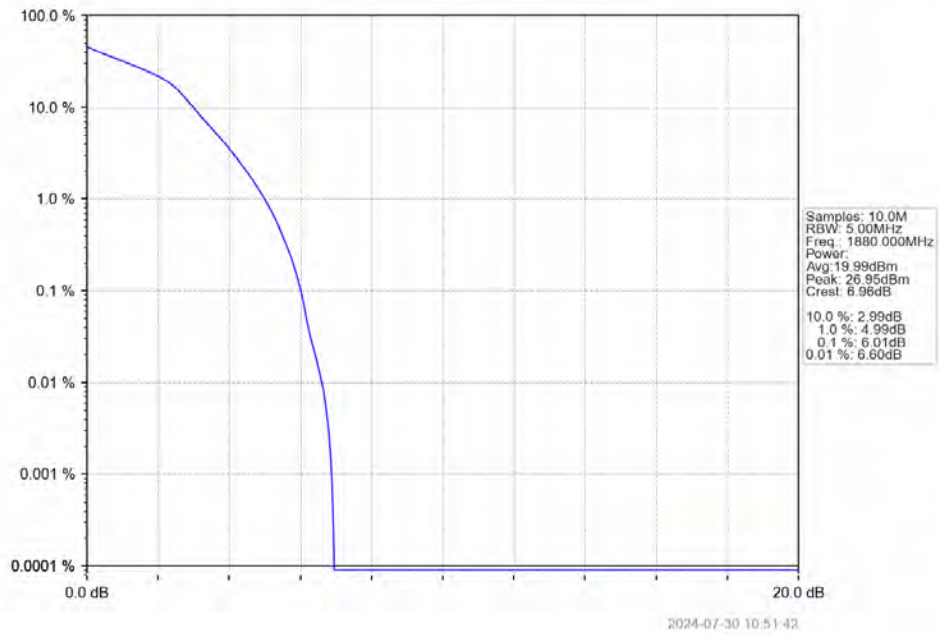
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



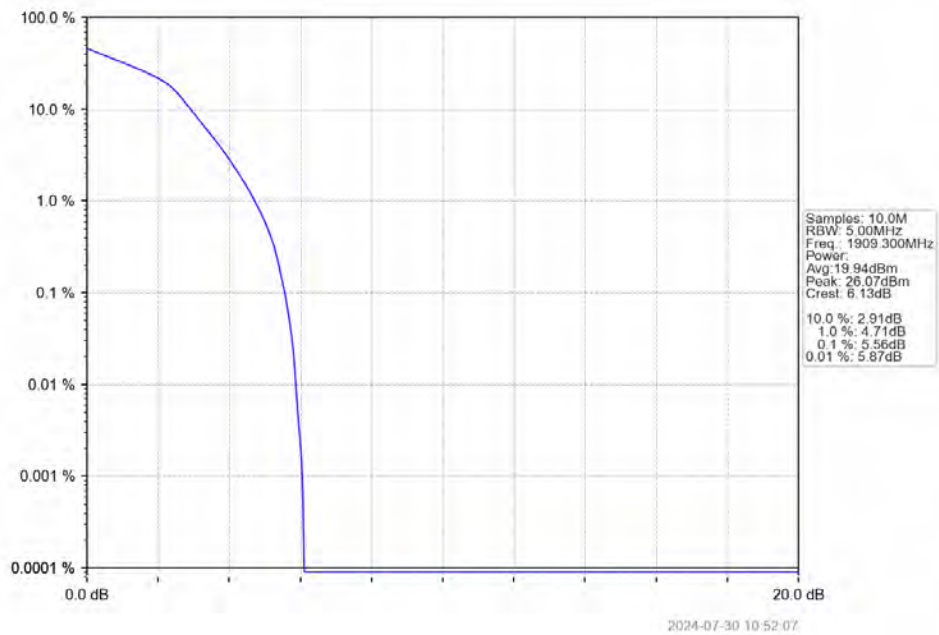
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



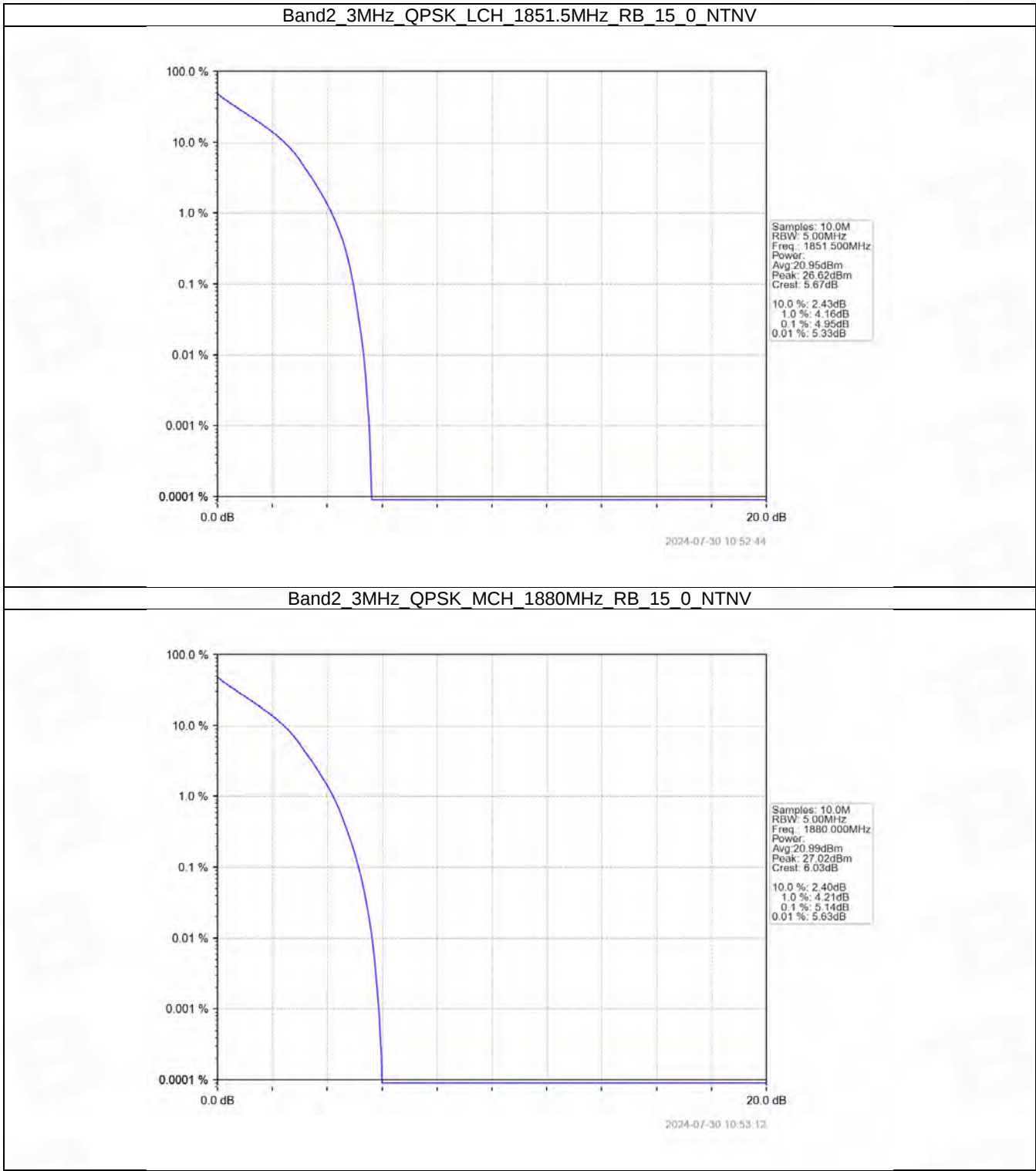
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



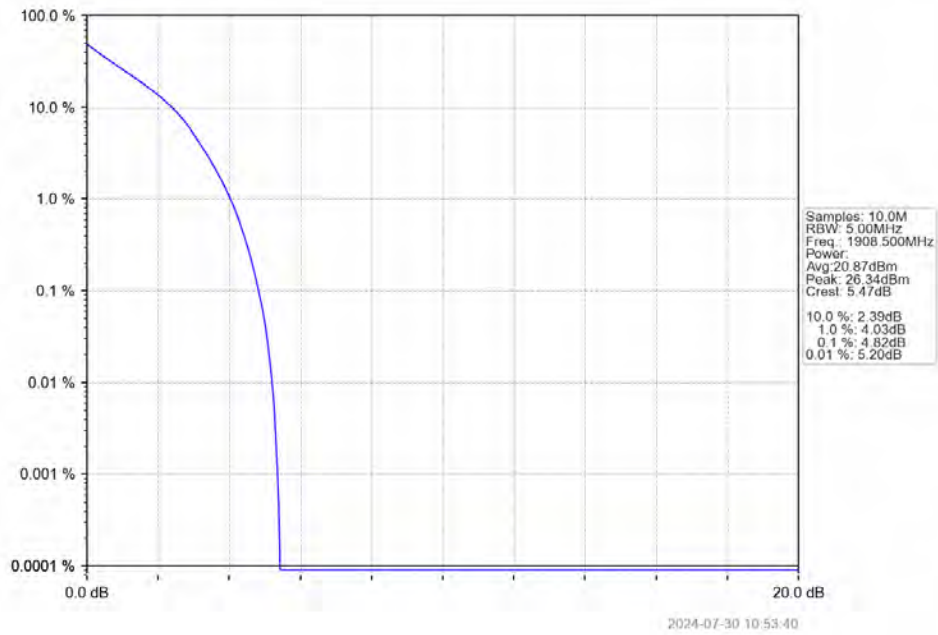
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



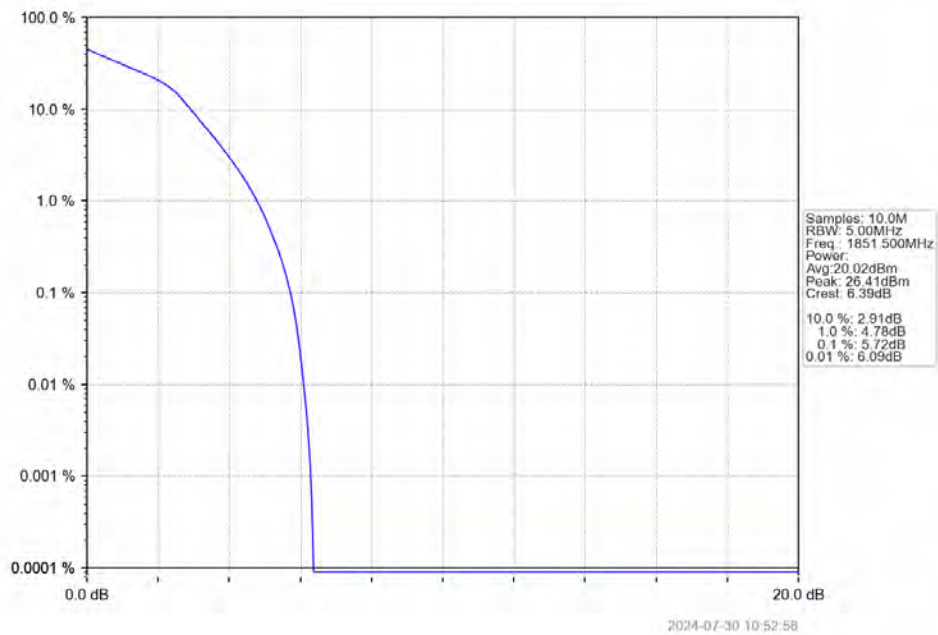
5.2.2 B2\_3MHz



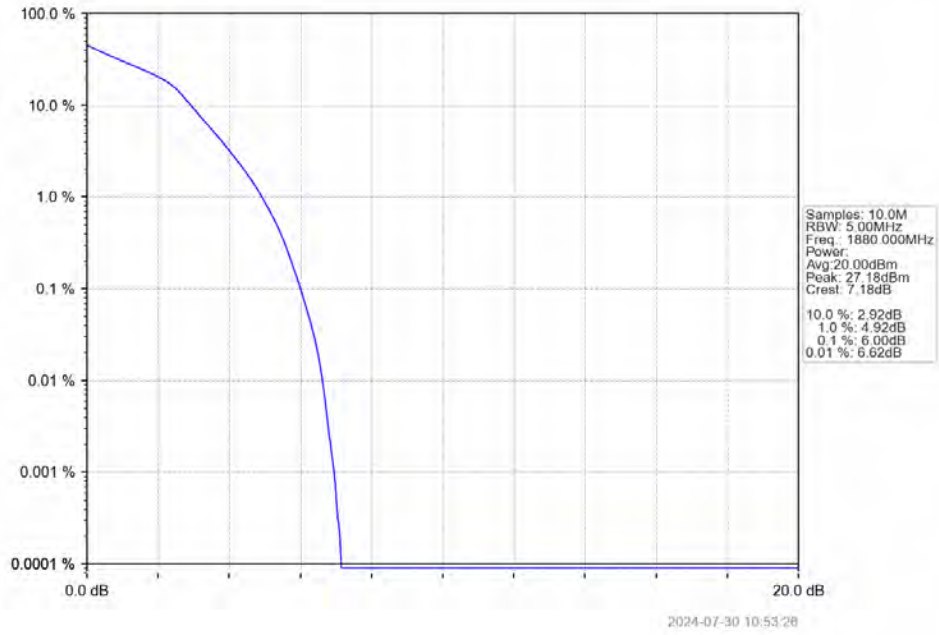
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTN



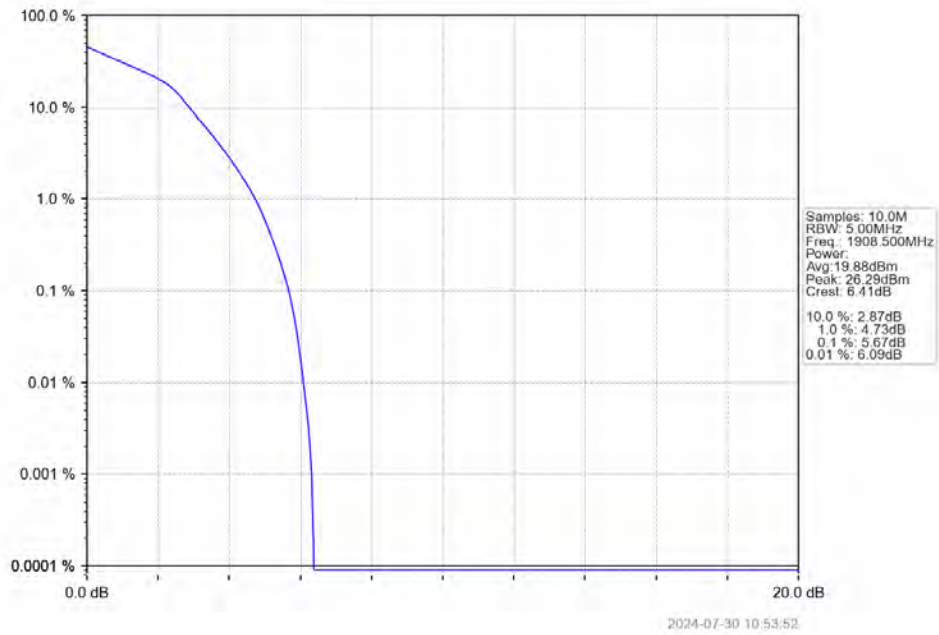
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTN



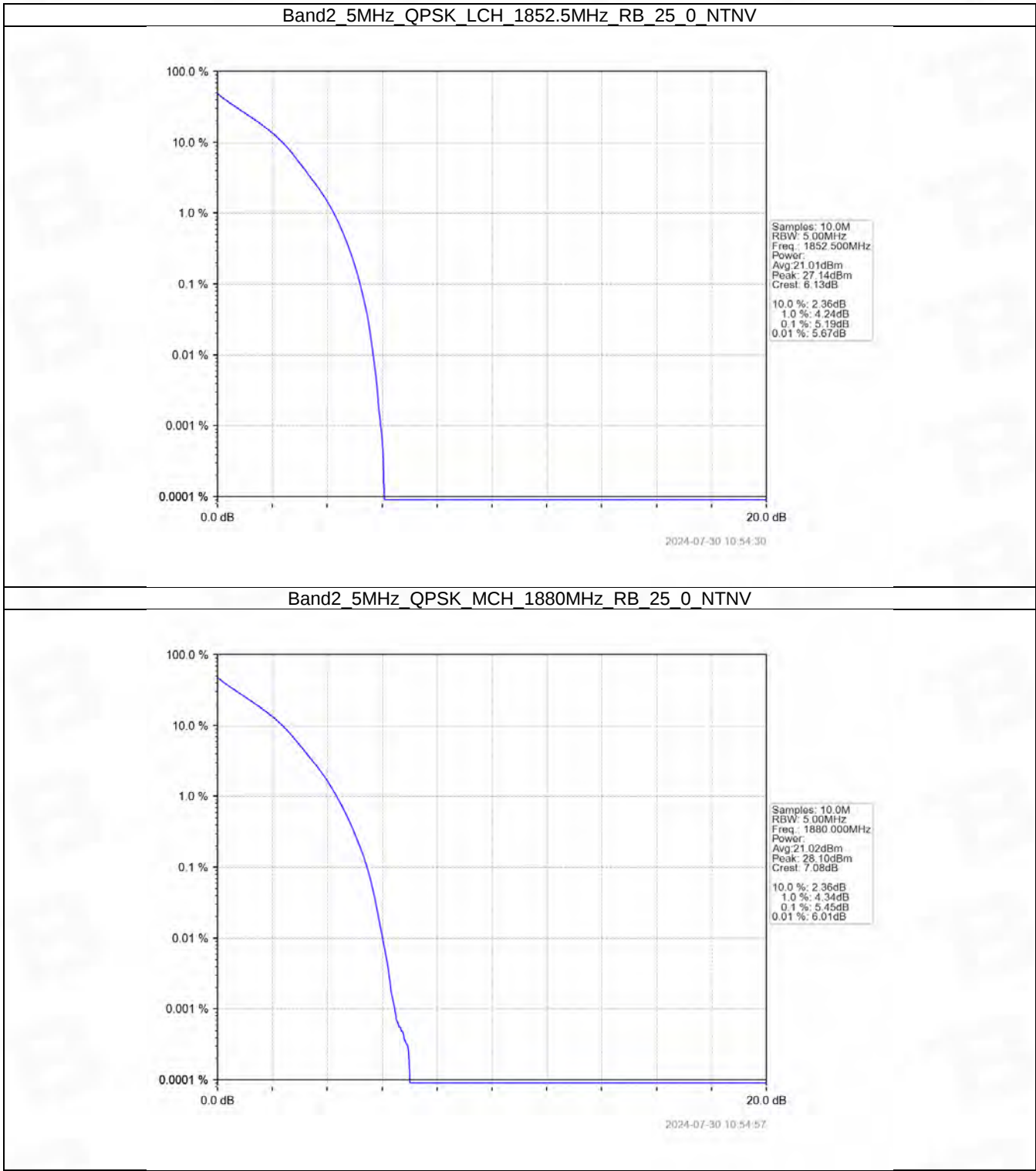
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



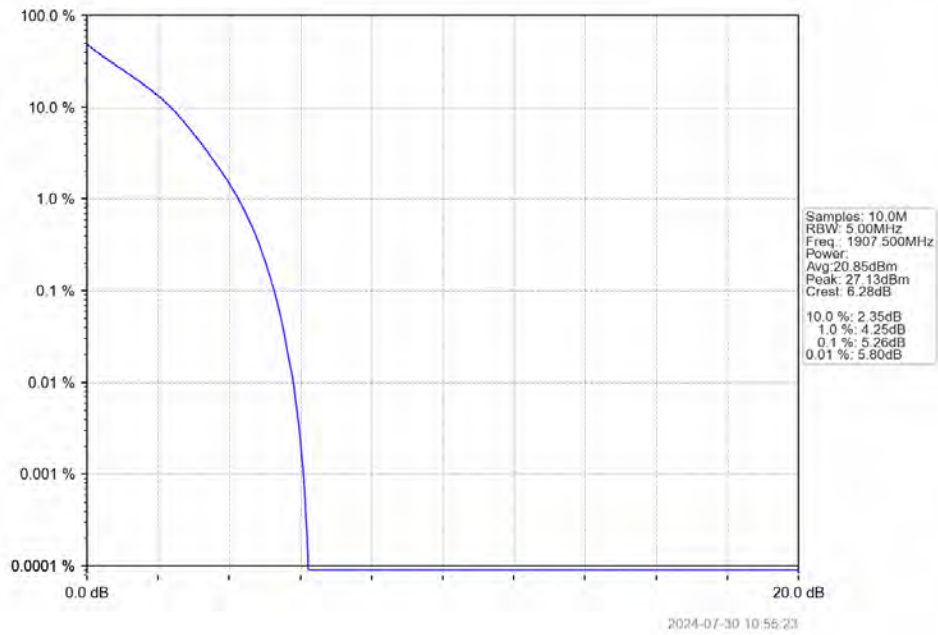
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



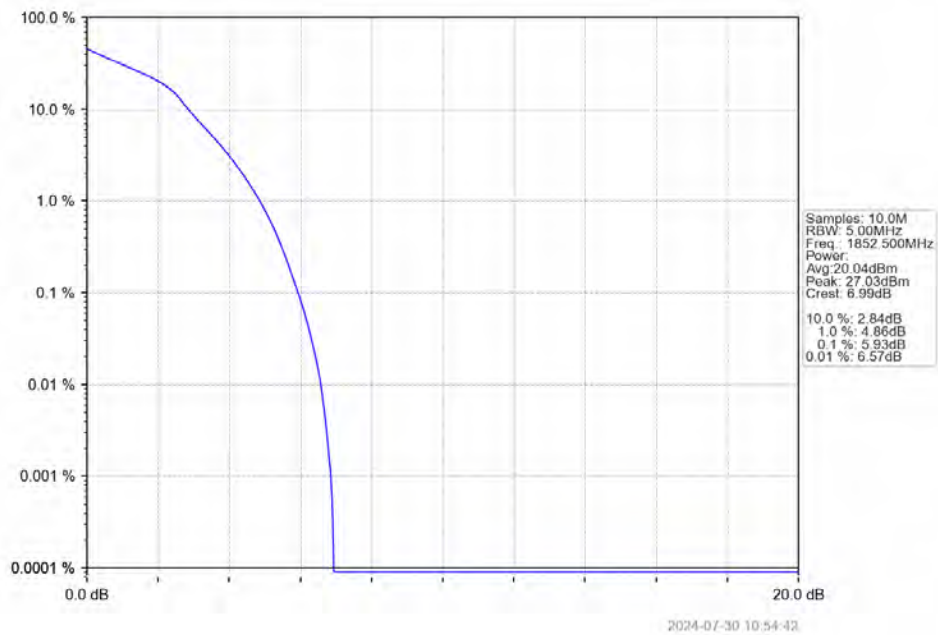
5.2.3 B2\_5MHz



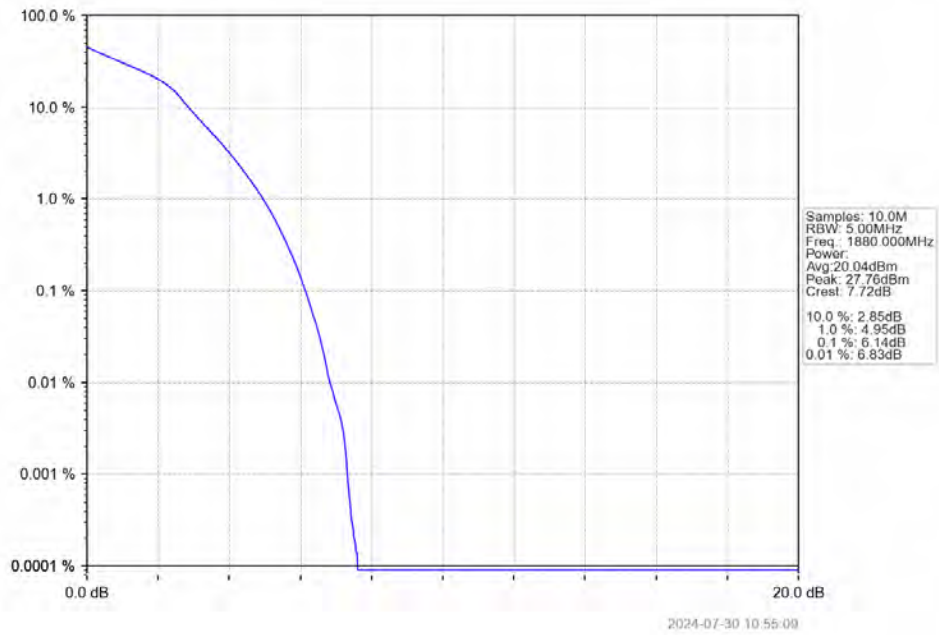
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTN



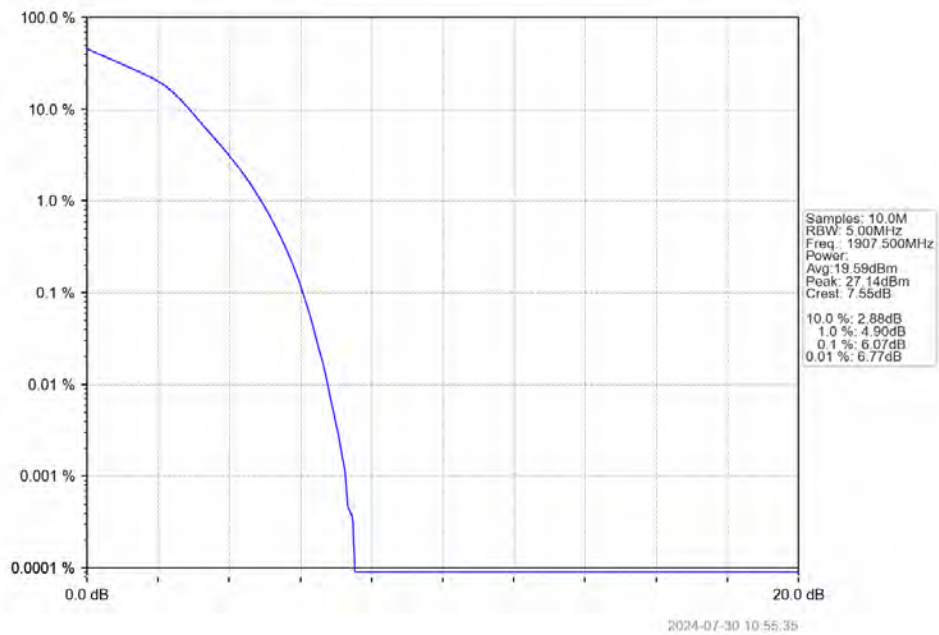
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTN



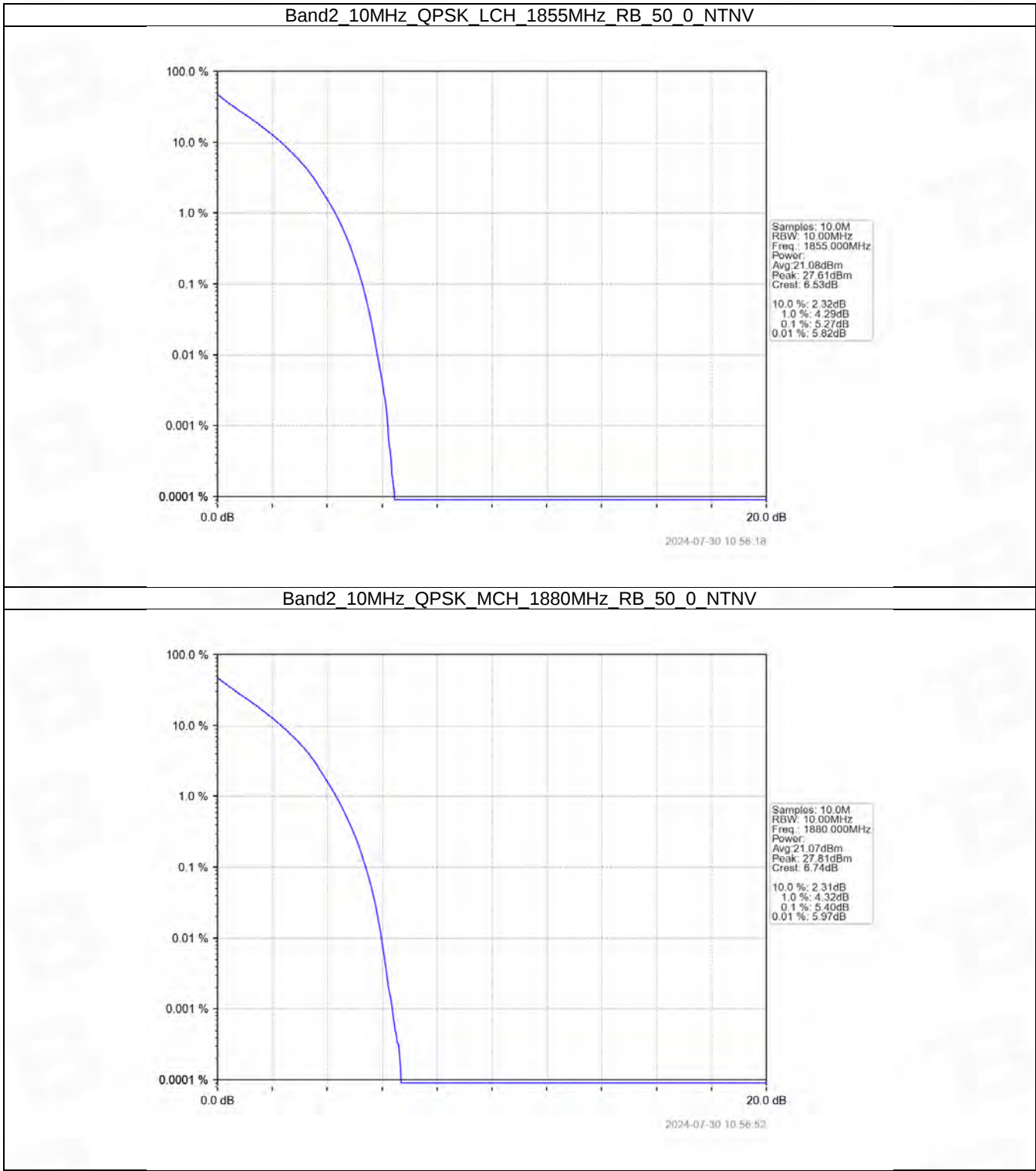
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN



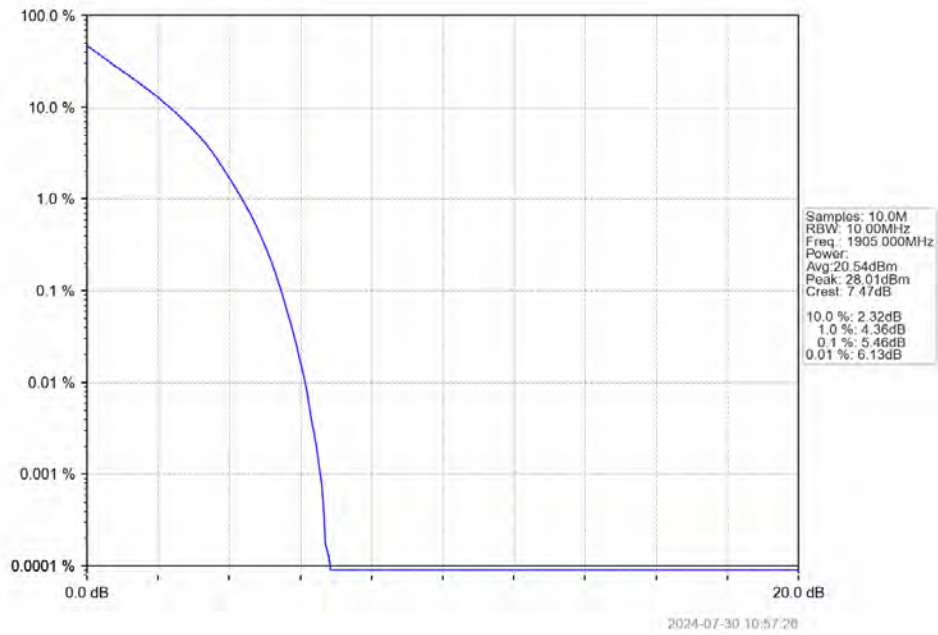
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTN



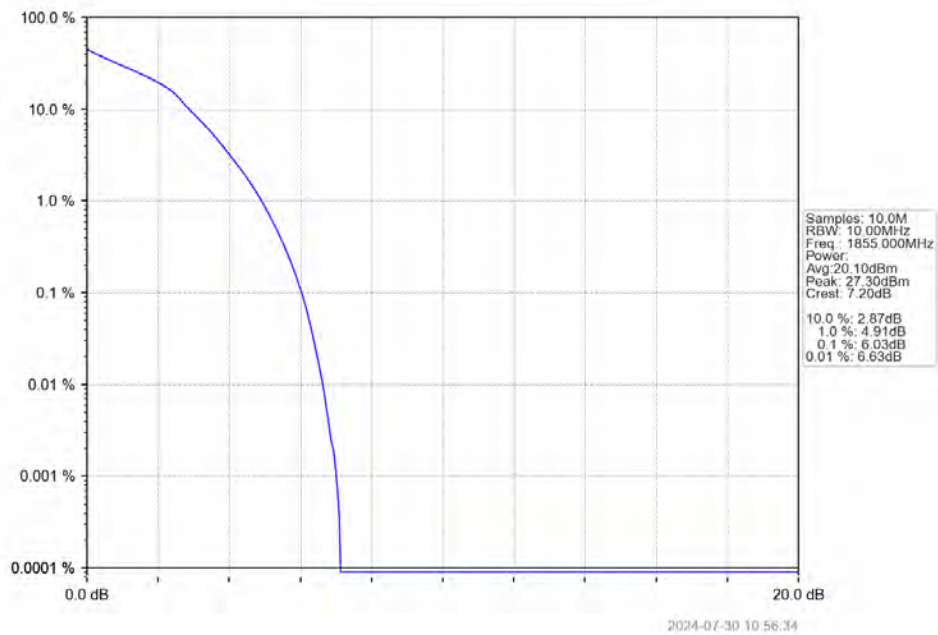
5.2.4 B2\_10MHz



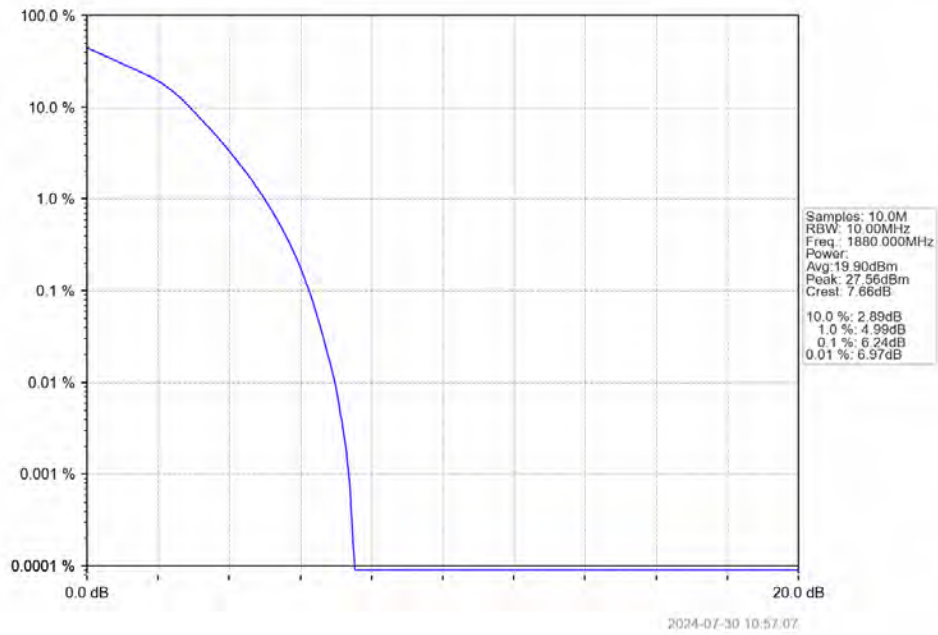
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



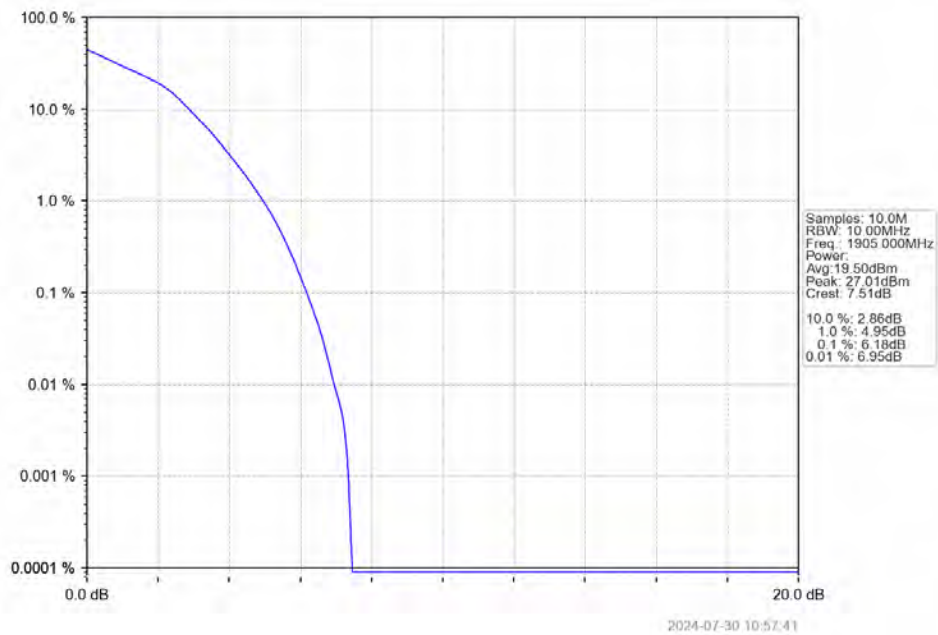
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTN



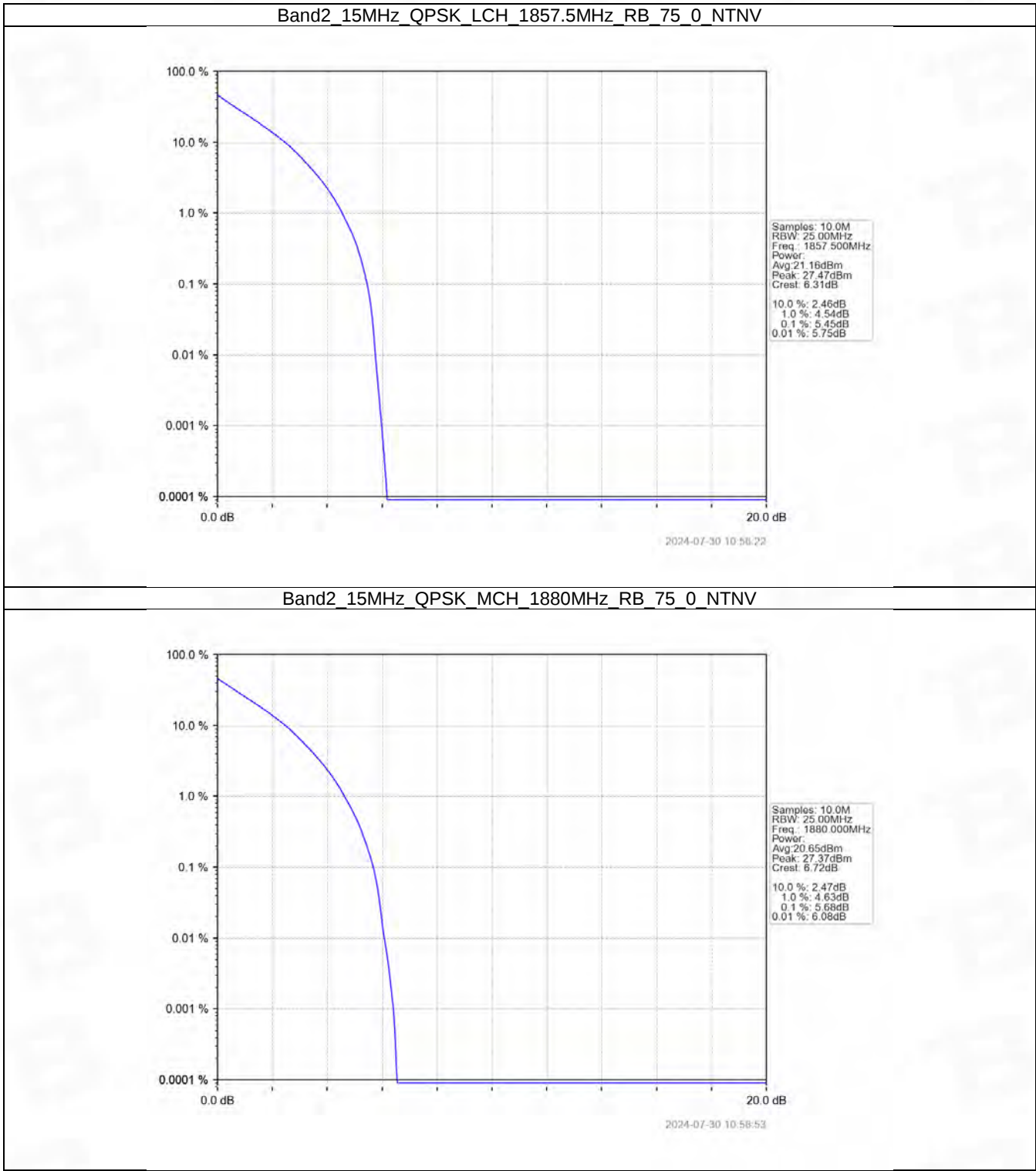
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTNV



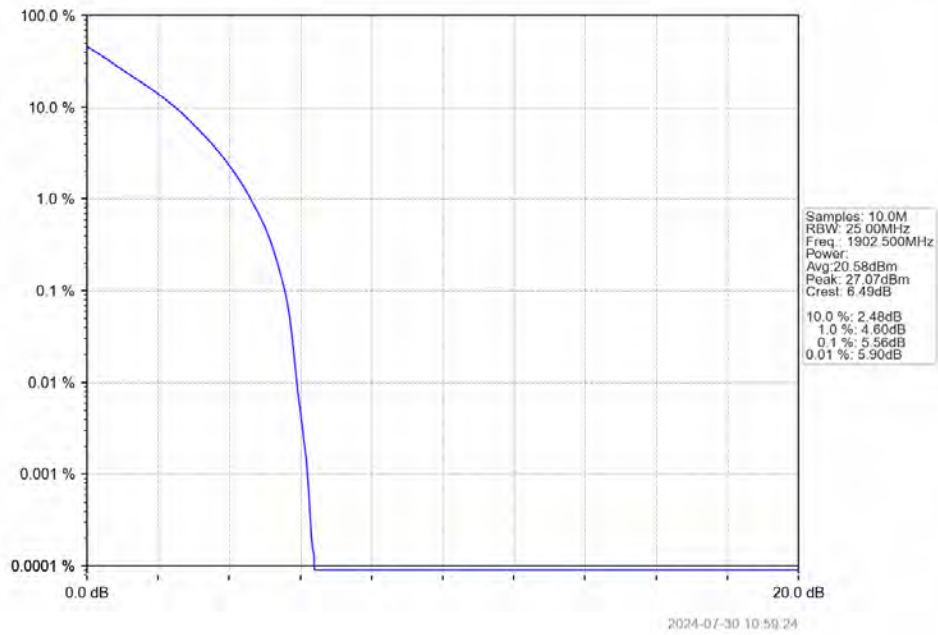
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



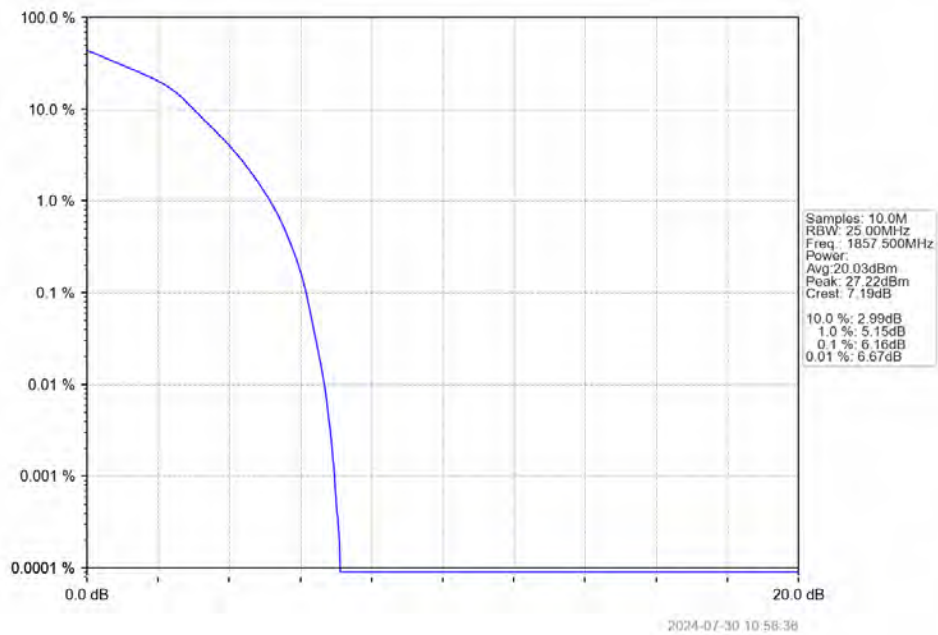
5.2.5 B2\_15MHz



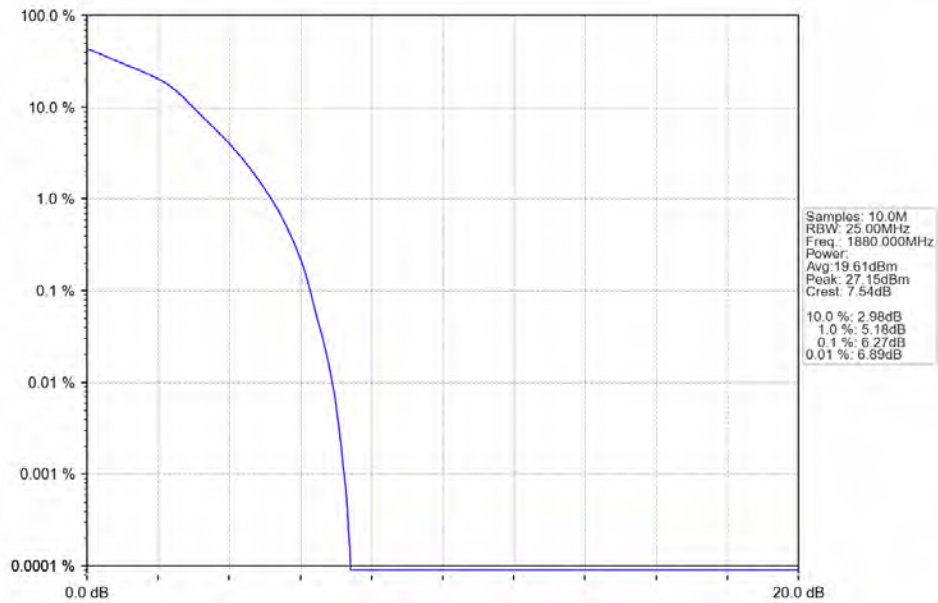
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV

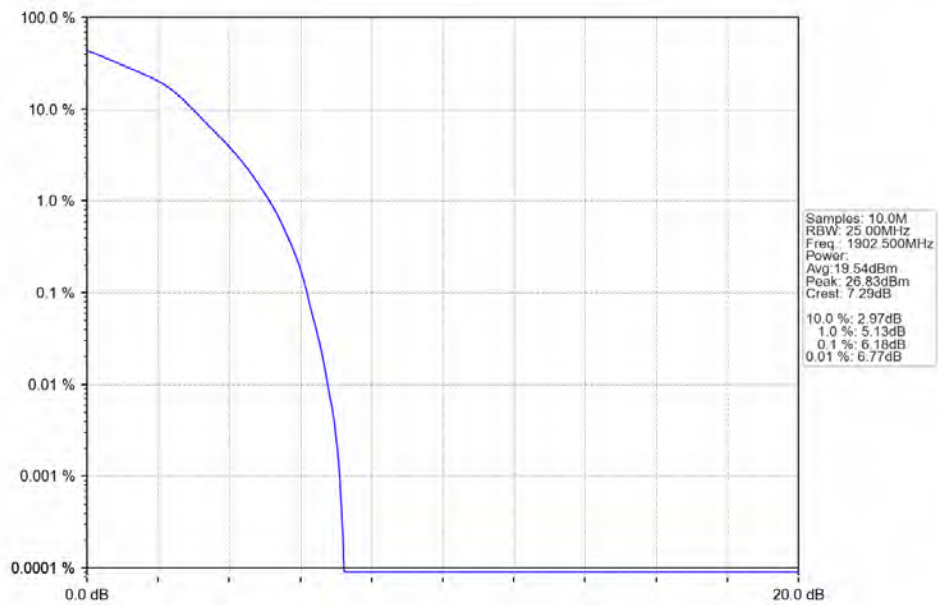


Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



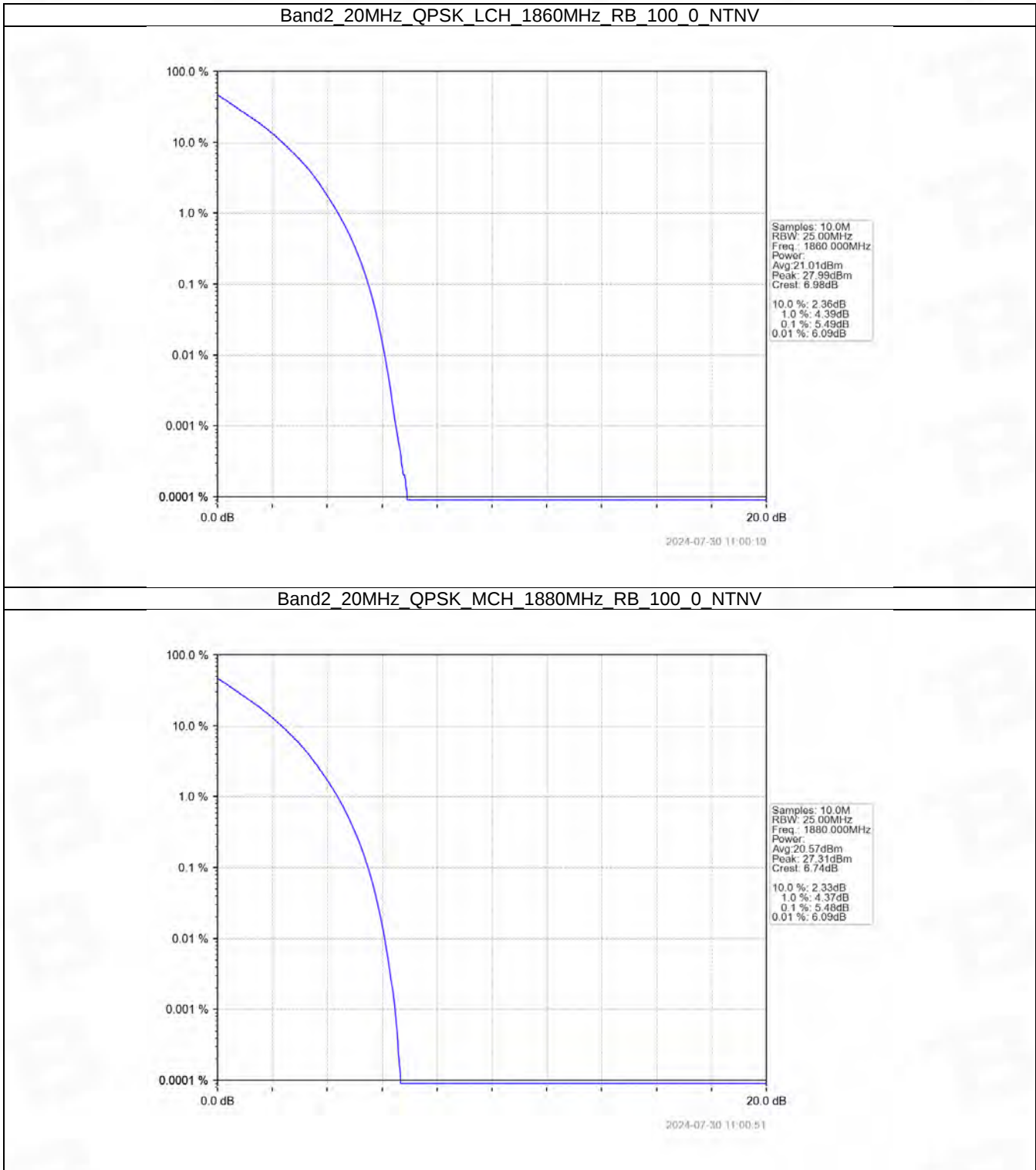
2024-07-30 10:59:07

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

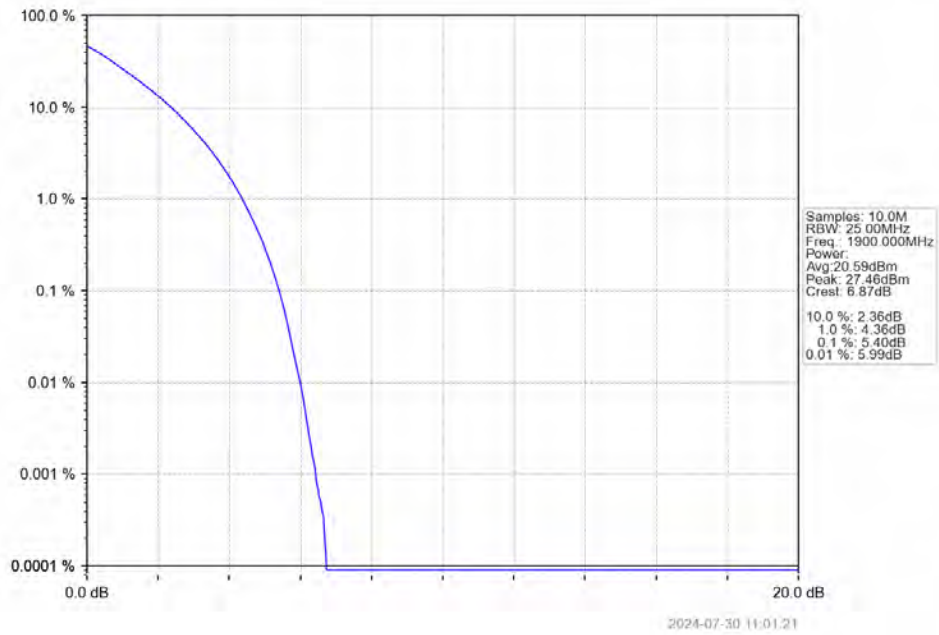


2024-07-30 10:59:38

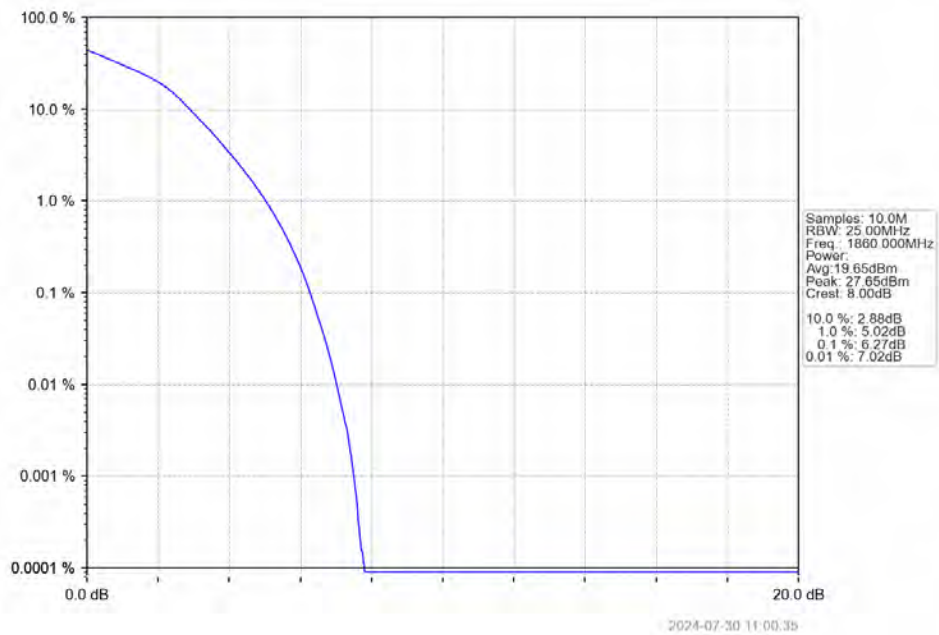
5.2.6 B2\_20MHz



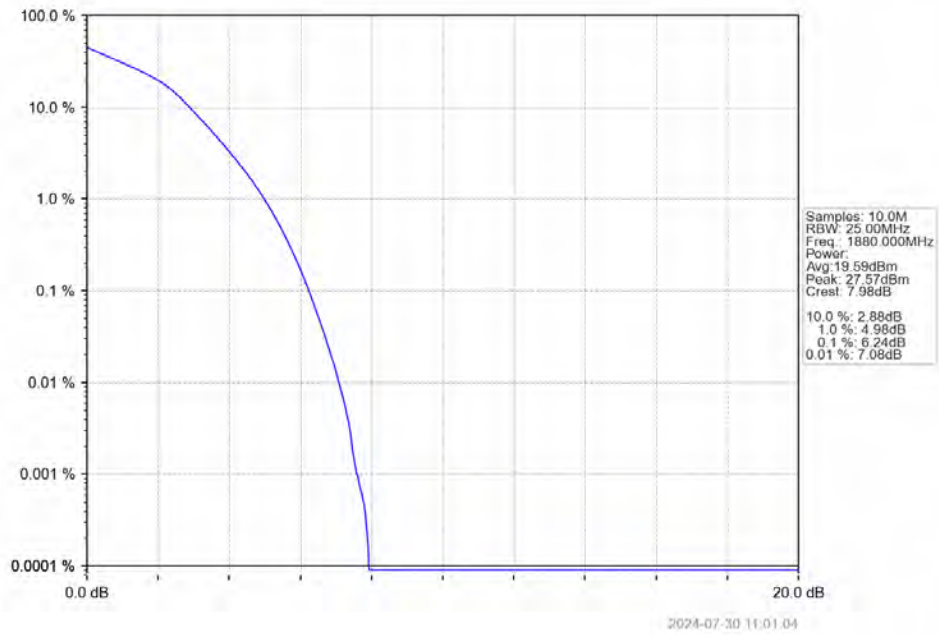
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



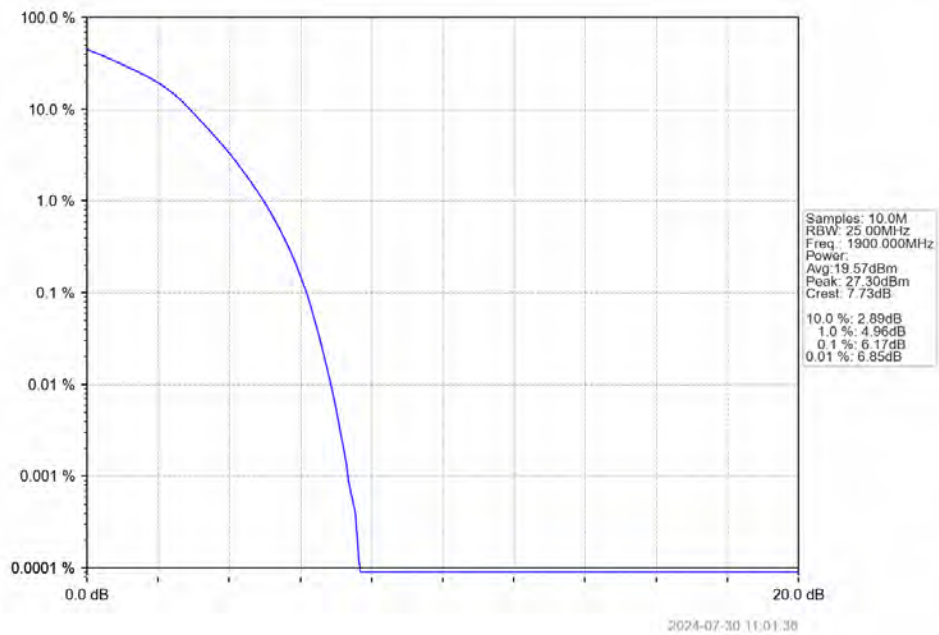
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



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



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  | 1880   | 25 | 0  | Refer To Test Graph | Pass |
|  |        | 1  | 0  | Refer To Test Graph | Pass |
|  | 1907.5 | 1  | 0  | Refer To Test Graph | Pass |
|  |        |    | 24 | Refer To Test Graph | Pass |
|  |        | 25 | 0  | Refer To Test Graph | Pass |

#### 6.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1855            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1905            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1855            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1905            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.5 B2\_15MHz

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1857.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1902.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1902.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

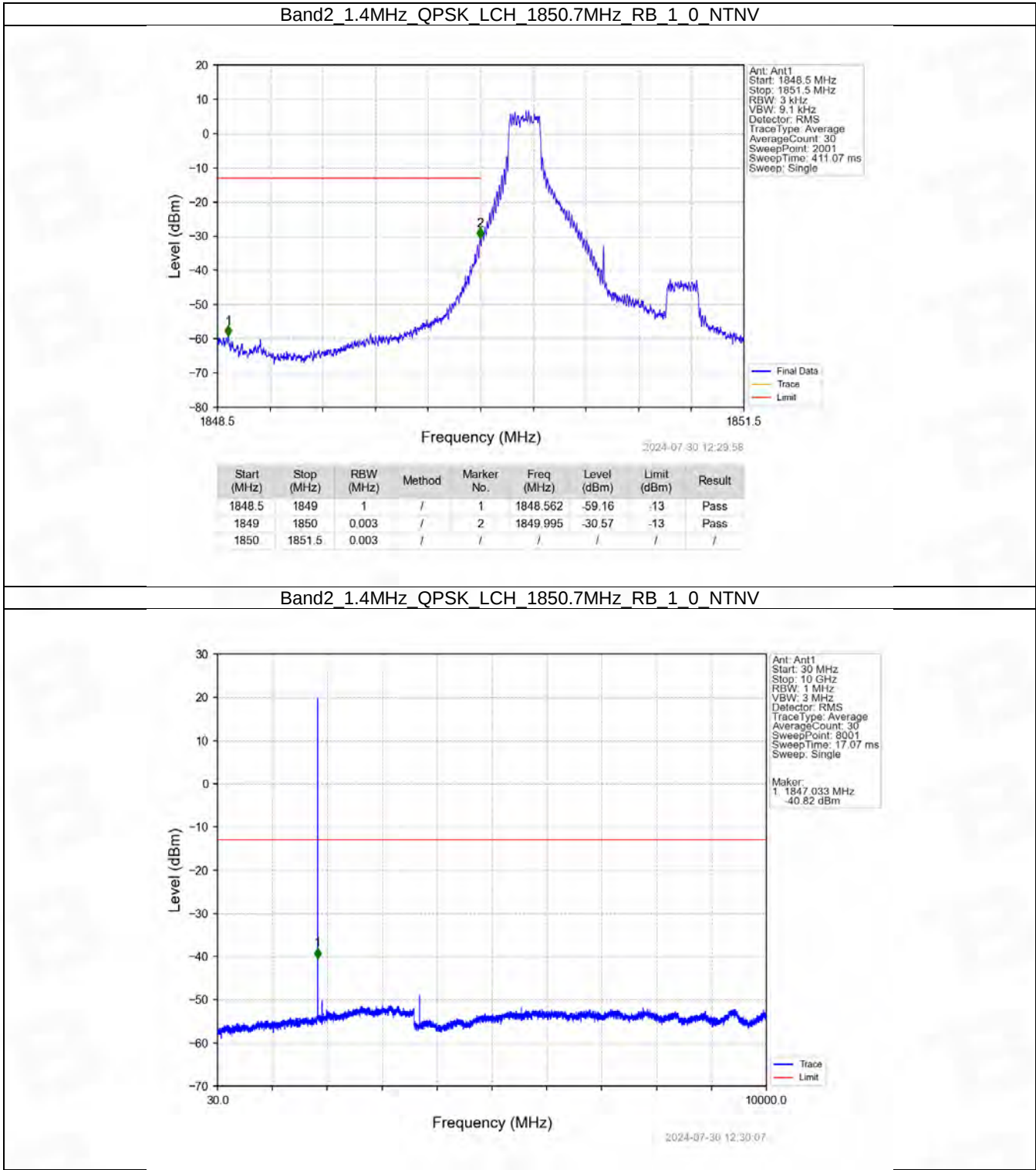
#### 6.1.6 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1860            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1900            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1860            | 1             | 0      | Refer To Test Graph |       | Pass    |

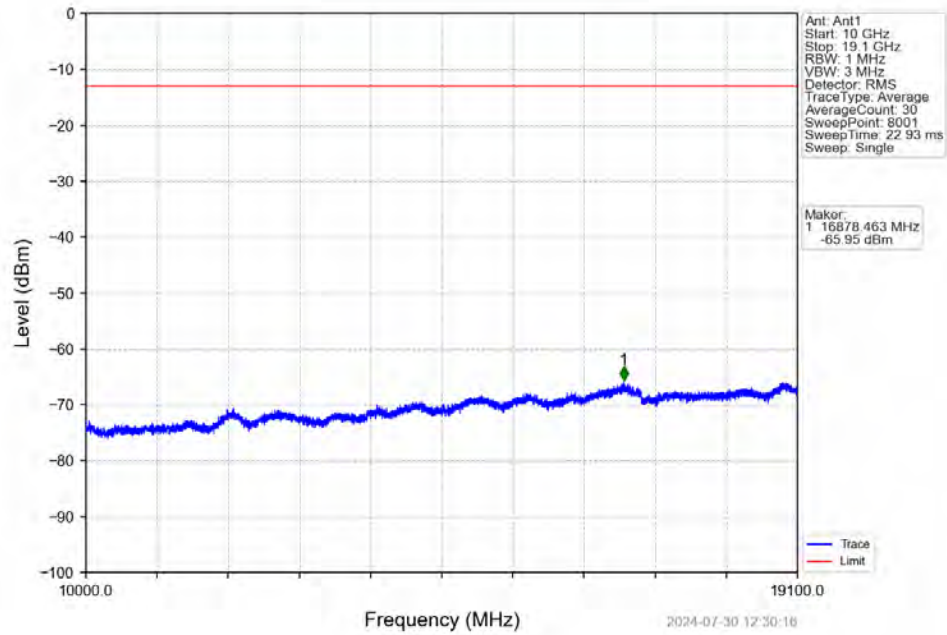
|  |      |     |    |                     |      |
|--|------|-----|----|---------------------|------|
|  |      | 100 | 0  | Refer To Test Graph | Pass |
|  | 1880 | 1   | 0  | Refer To Test Graph | Pass |
|  | 1900 | 1   | 0  | Refer To Test Graph | Pass |
|  |      |     | 99 | Refer To Test Graph | Pass |
|  |      | 100 | 0  | Refer To Test Graph | Pass |

6.2 Test Graph

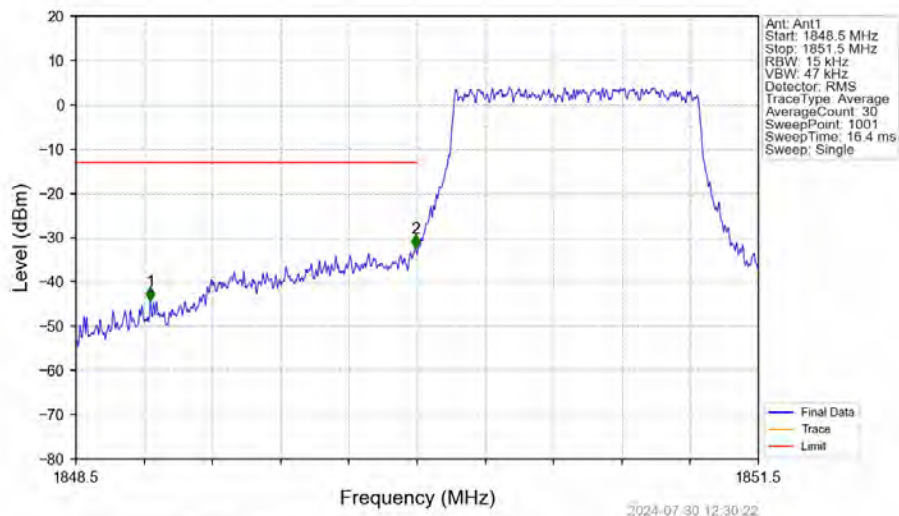
6.2.1 B2\_1.4MHz



Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV

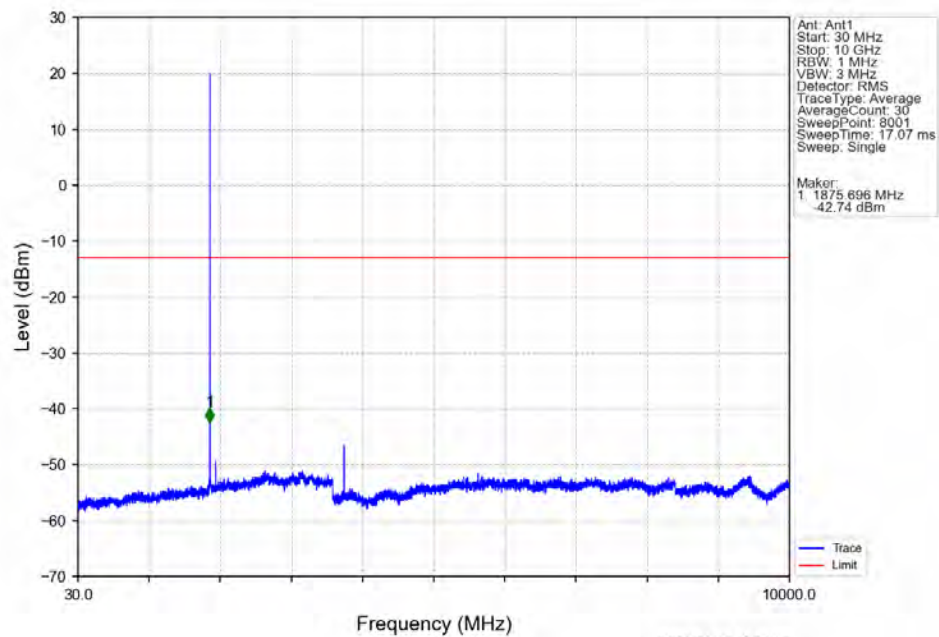


Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV

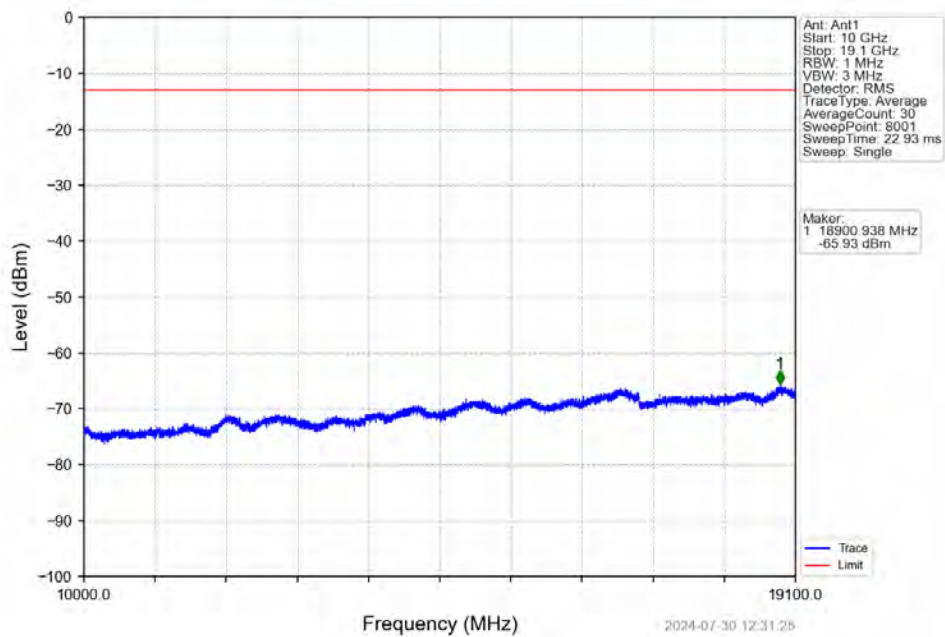


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1848.5      | 1849       | 1         | /      | 1          | 1848.827   | -44.23      | -13         | Pass   |
| 1849        | 1850       | 0.015     | /      | 2          | 1849.994   | -32.46      | -13         | Pass   |
| 1850        | 1851.5     | 0.015     | /      | /          | /          | /           | /           | /      |

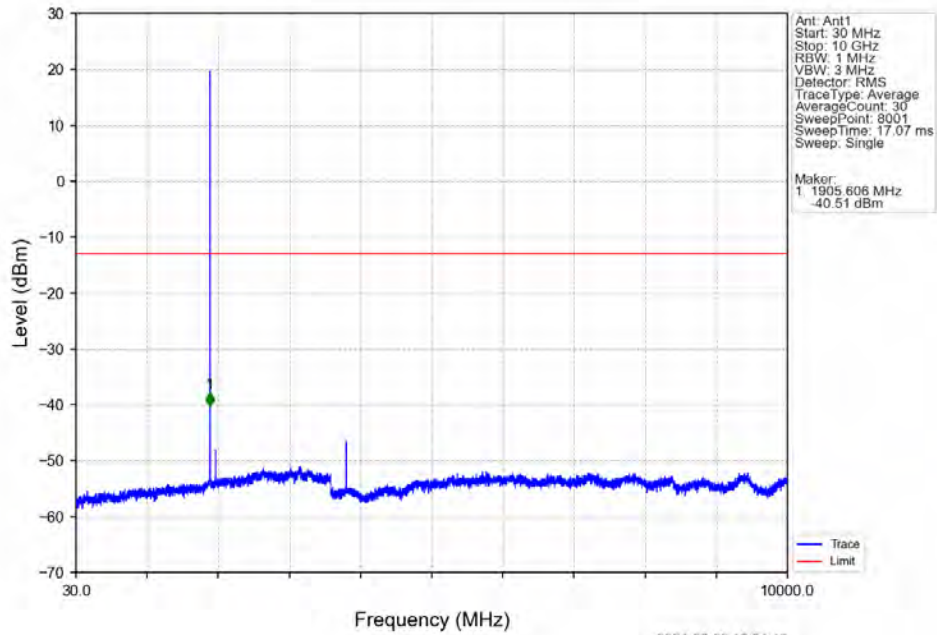
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



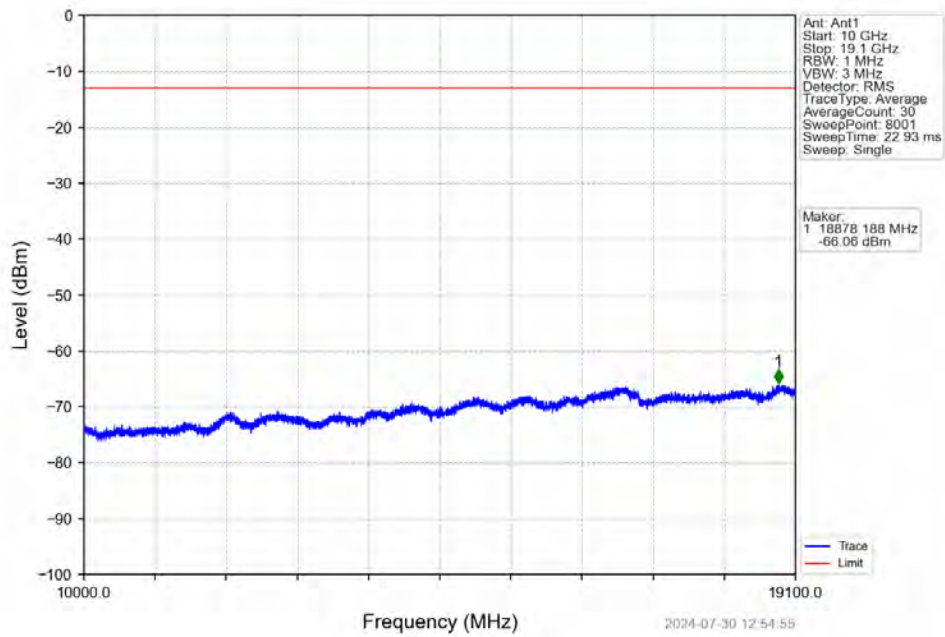
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



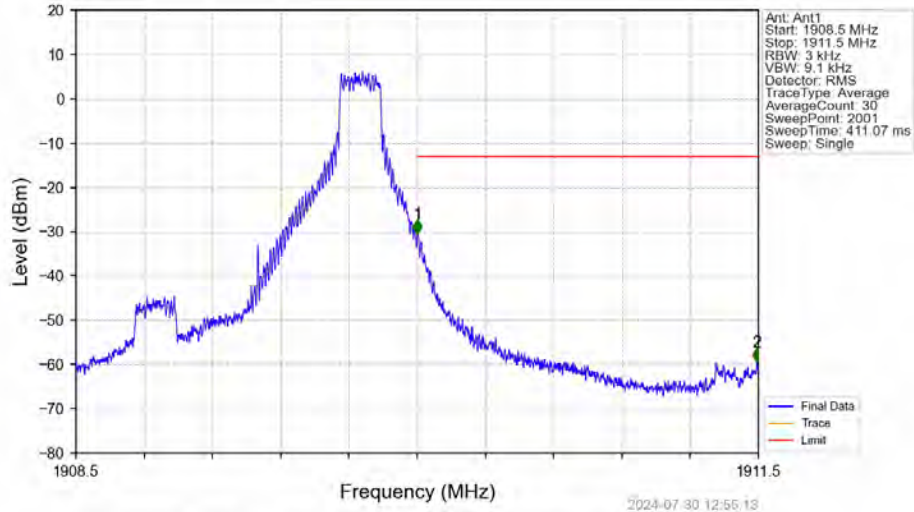
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTNV



Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTNV

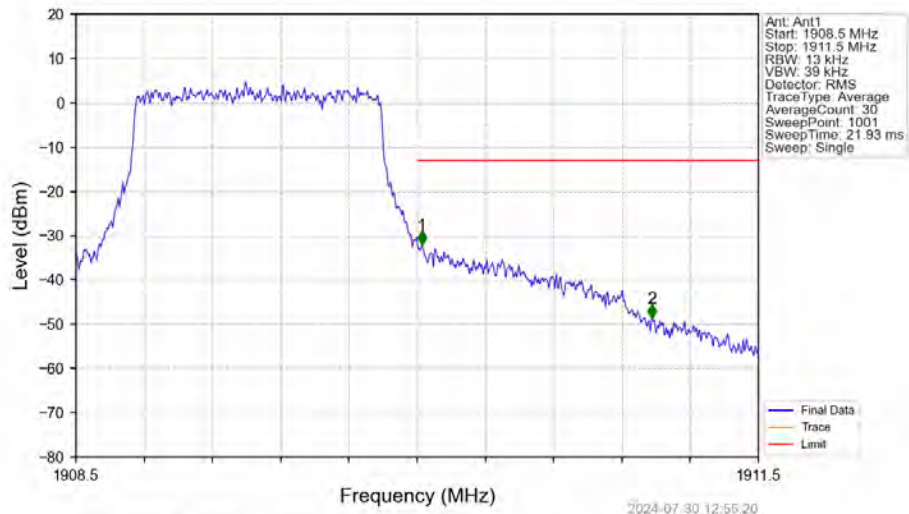


Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 5 NTV



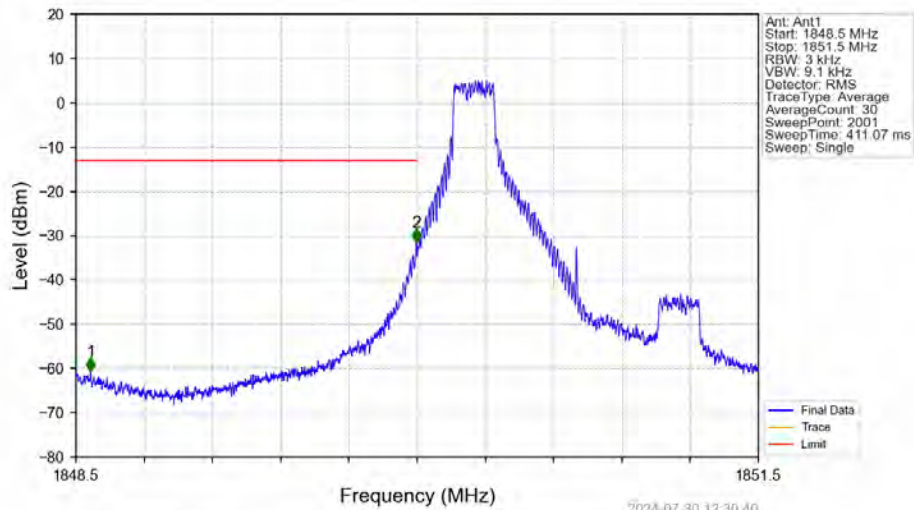
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1908.5      | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -30.43      | -13         | Pass   |
| 1911        | 1911.5     | 1         | /      | 2          | 1911.494   | -59.36      | -13         | Pass   |

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV

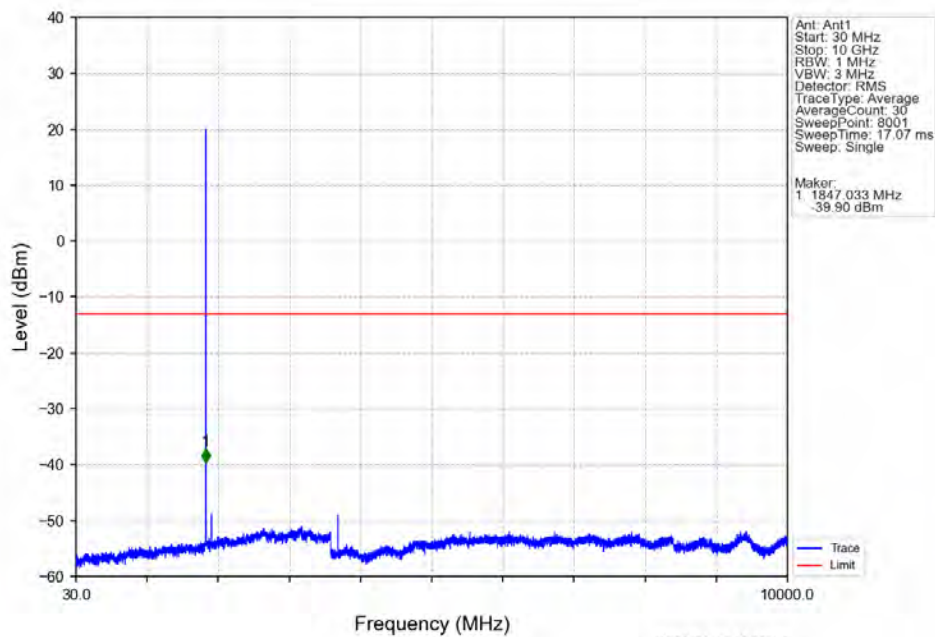


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1908.5      | 1910       | 0.013     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.013     | /      | 1          | 1910.021   | -31.96      | -13         | Pass   |
| 1911        | 1911.5     | 1         | /      | 2          | 1911.032   | -48.65      | -13         | Pass   |

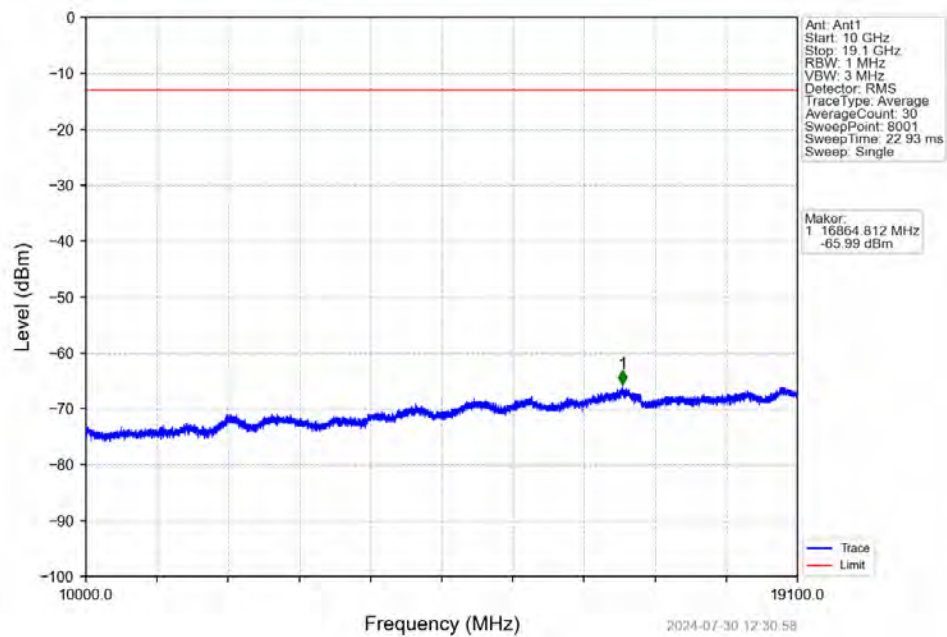
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



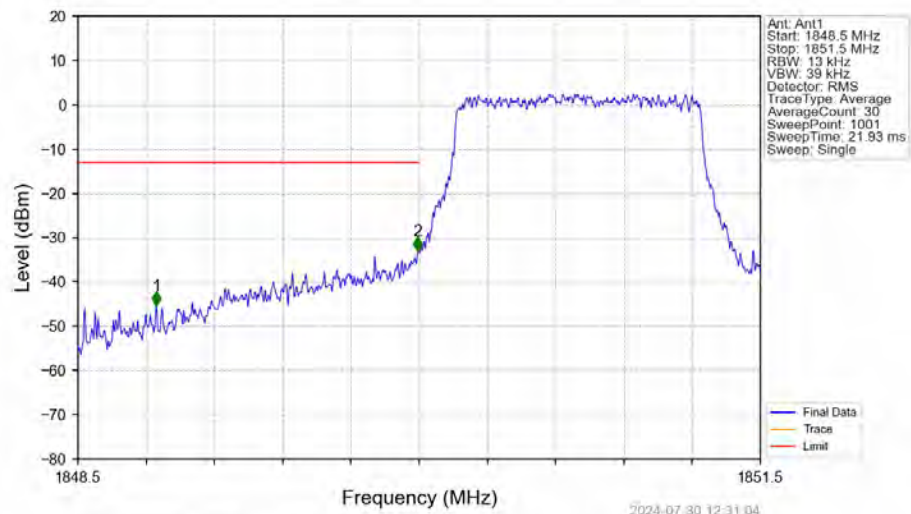
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTV

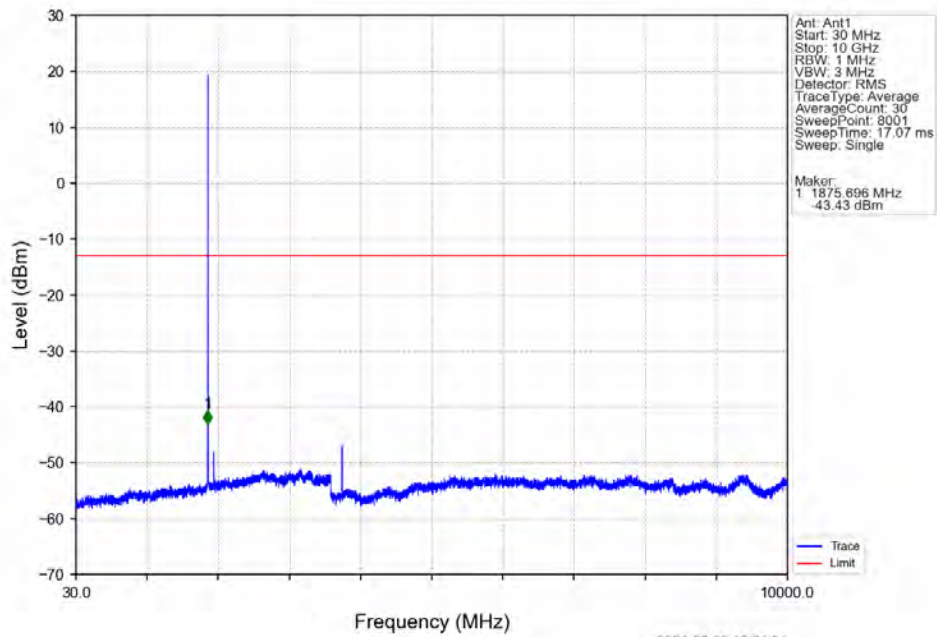


Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV

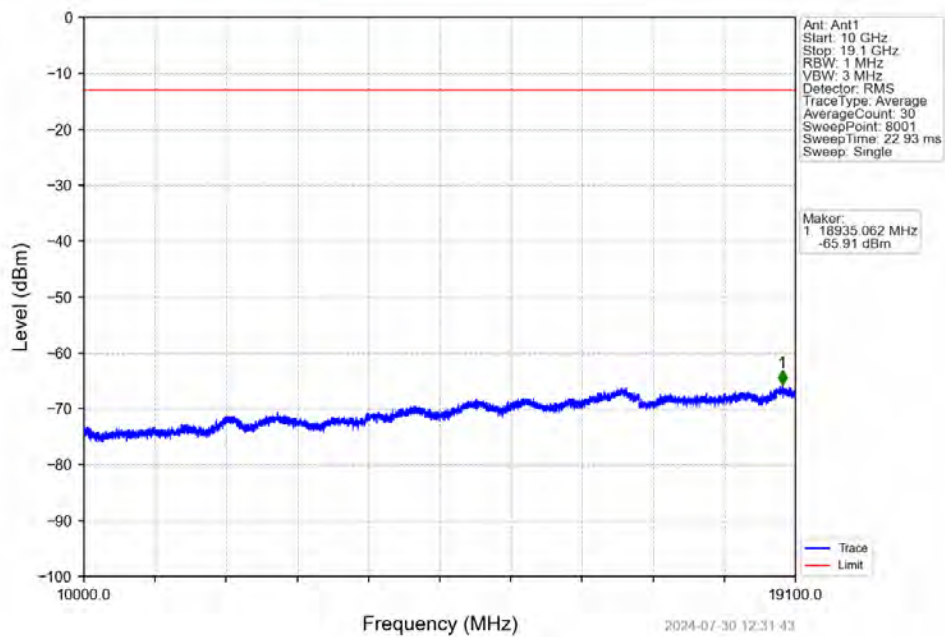


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1848.5      | 1849       | 1         | /      | 1          | 1848.845   | -45.32      | -13         | Pass   |
| 1849        | 1850       | 0.013     | /      | 2          | 1849.994   | -32.96      | -13         | Pass   |
| 1850        | 1851.5     | 0.013     | /      | /          | /          | /           | /           | /      |

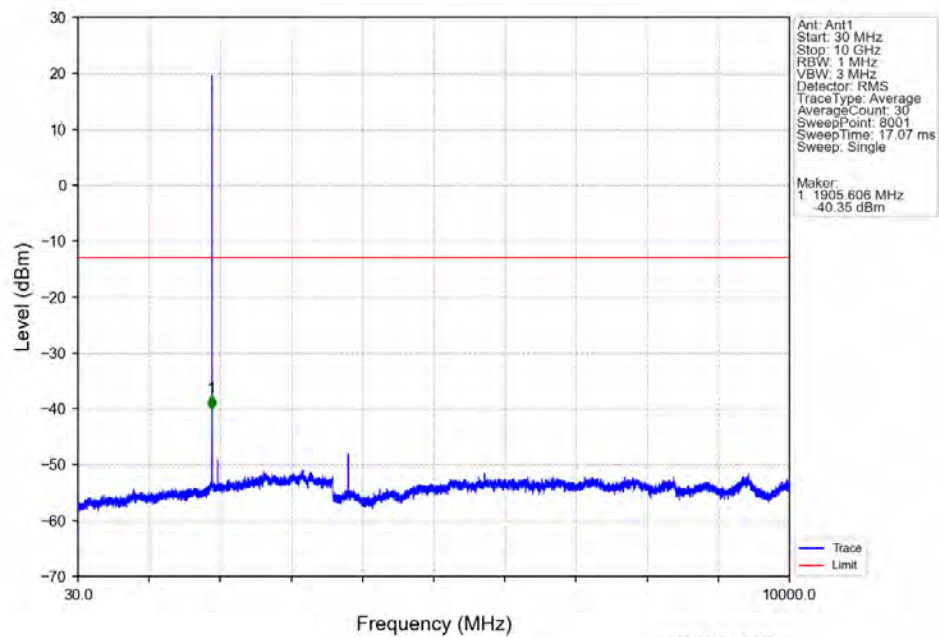
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTNV



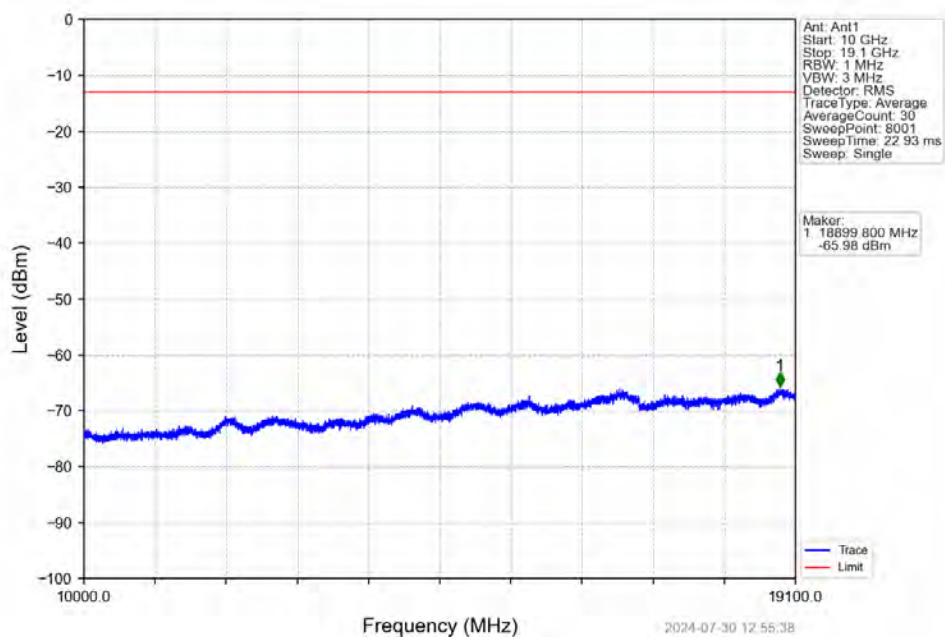
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTNV



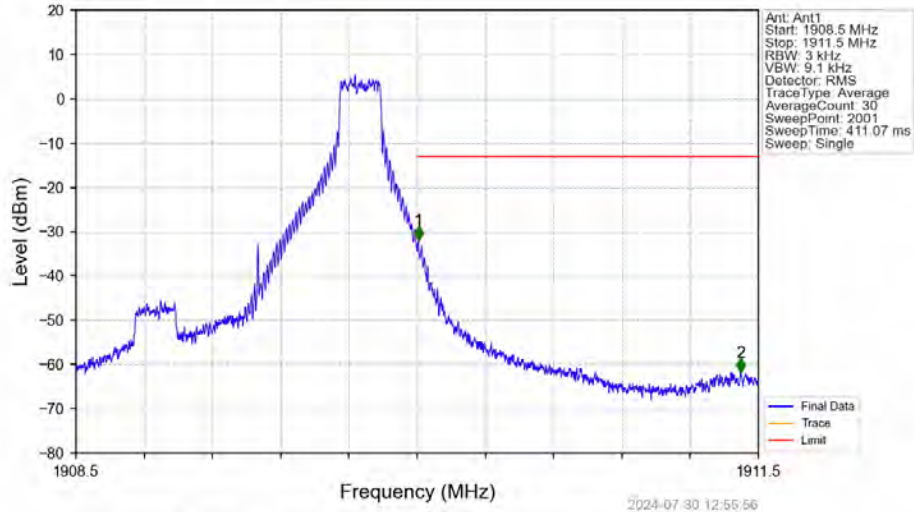
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV

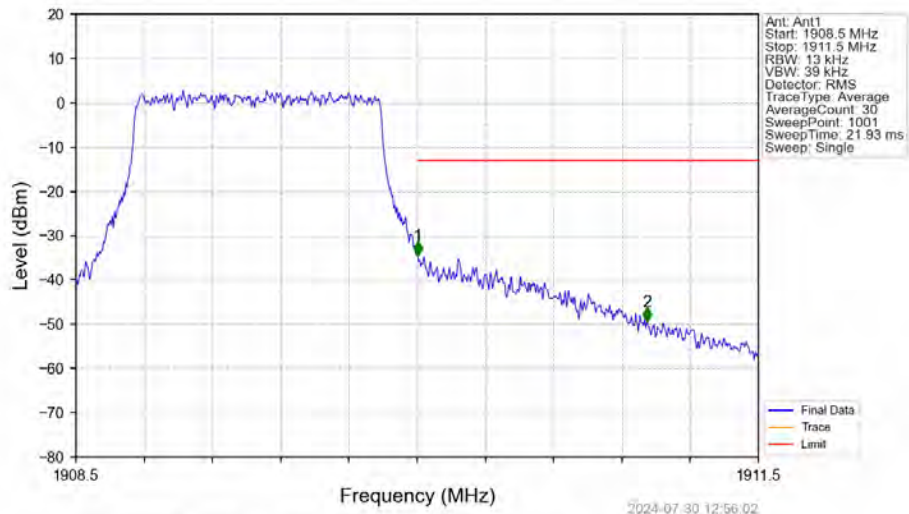


Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 5 NTNV



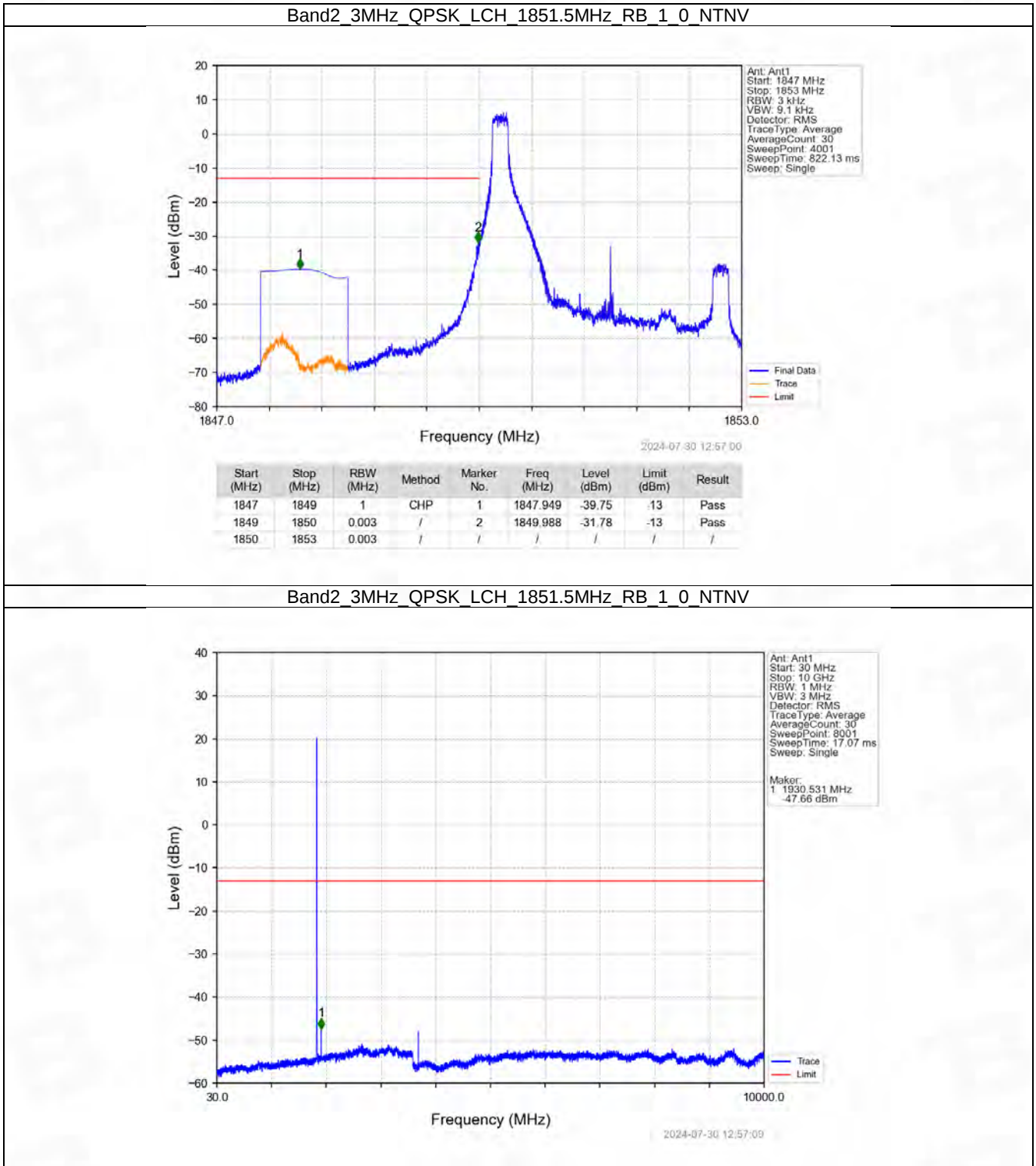
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1908.5      | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.006   | -31.85      | -13         | Pass   |
| 1911        | 1911.5     | 1         | /      | 2          | 1911.422   | -61.71      | -13         | Pass   |

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

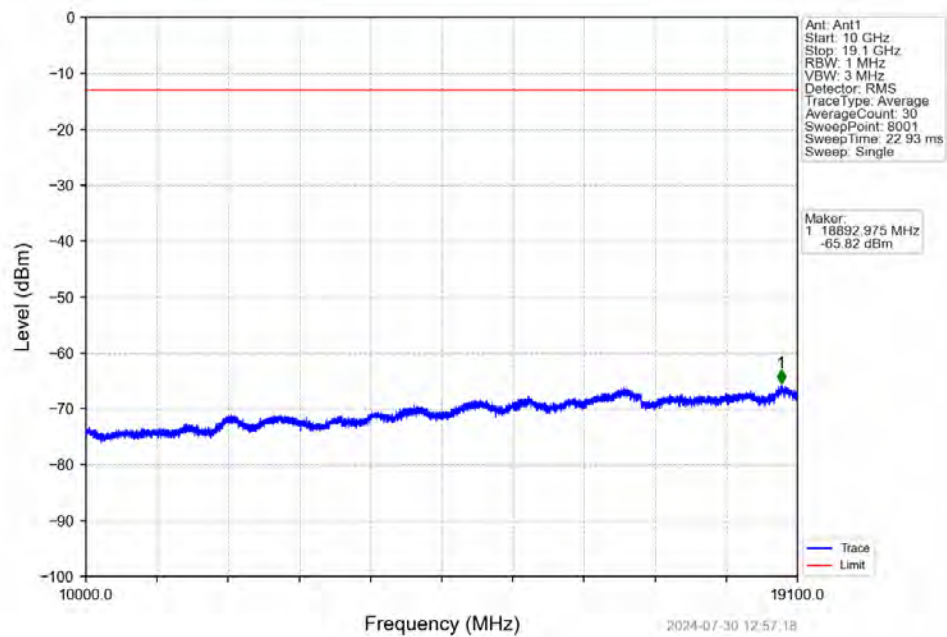


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1908.5      | 1910       | 0.013     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.013     | /      | 1          | 1910.003   | -34.38      | -13         | Pass   |
| 1911        | 1911.5     | 1         | /      | 2          | 1911.011   | -49.38      | -13         | Pass   |

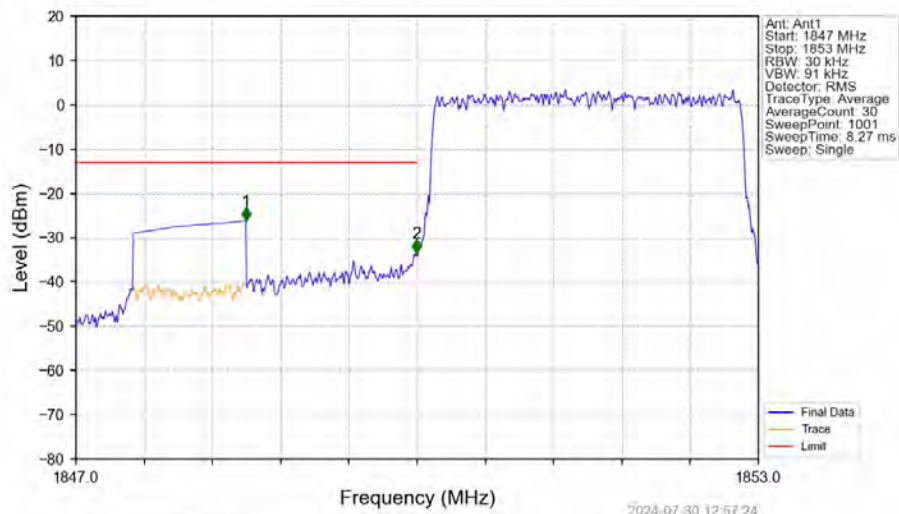
6.2.2 B2\_3MHz



Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTN

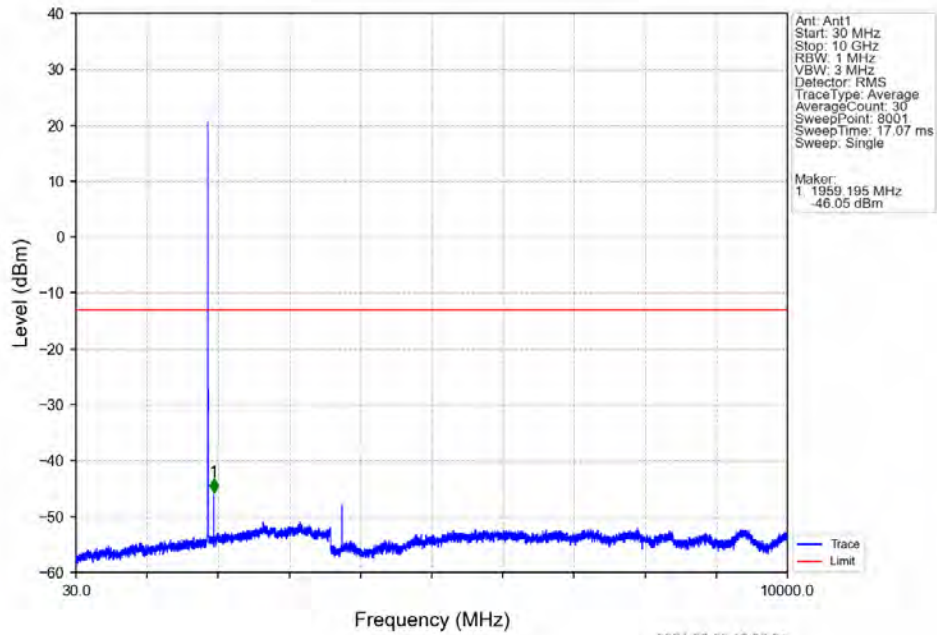


Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTN

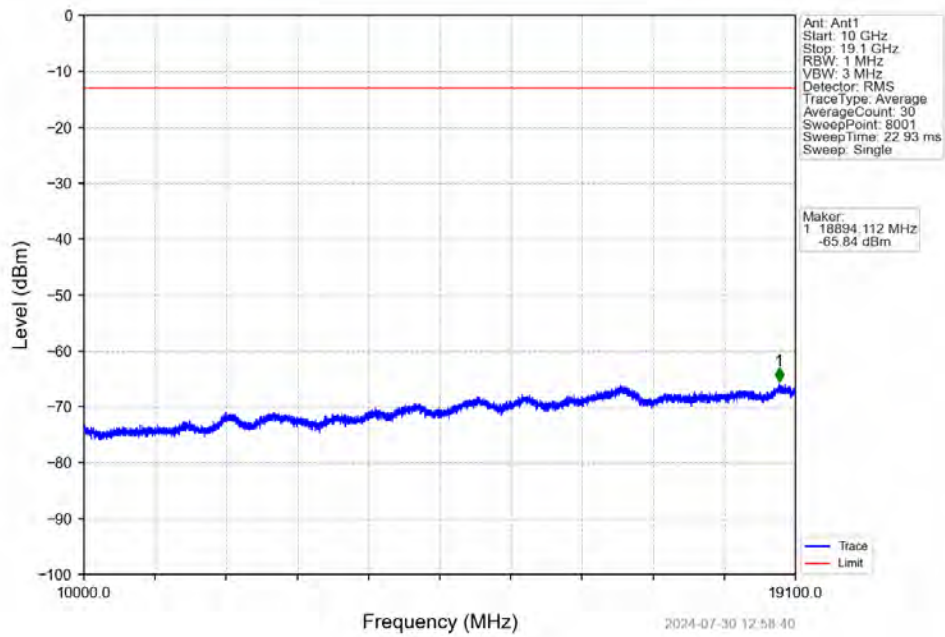


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.494   | -26.13      | -13         | Pass   |
| 1849        | 1850       | 0.03      | /      | 2          | 1849.994   | -33.44      | -13         | Pass   |
| 1850        | 1853       | 0.03      | /      | /          | /          | /           | /           | /      |

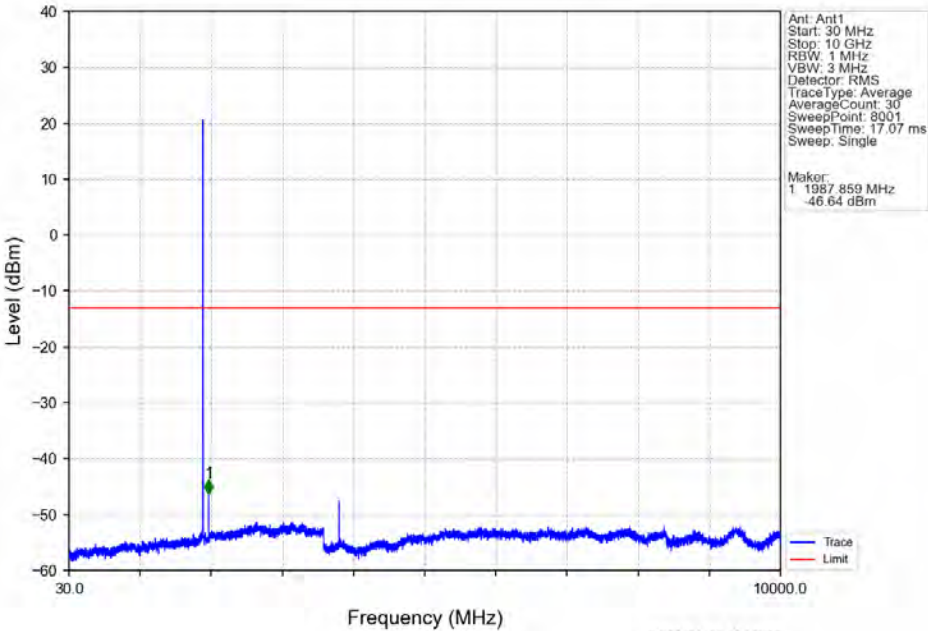
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



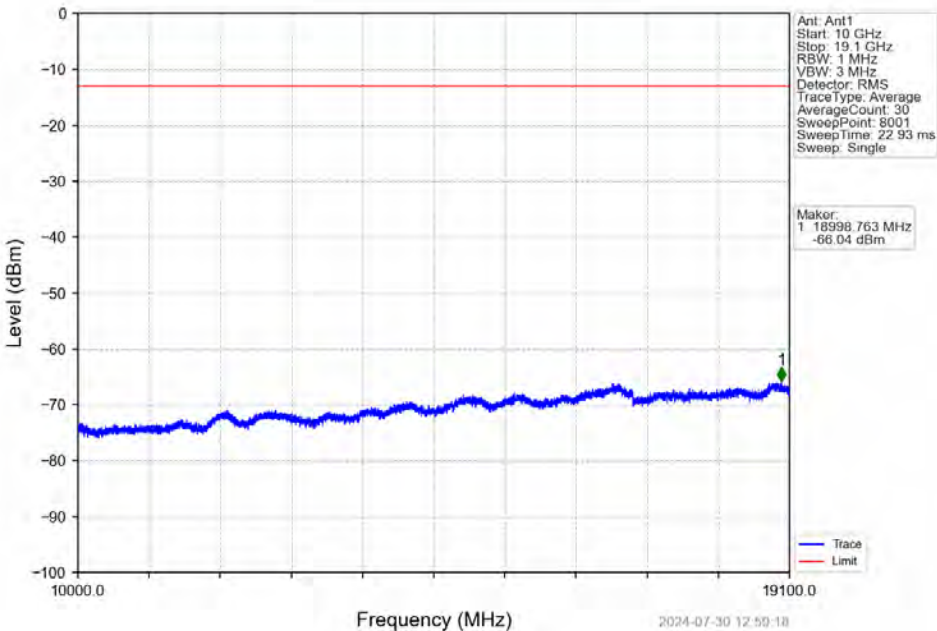
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



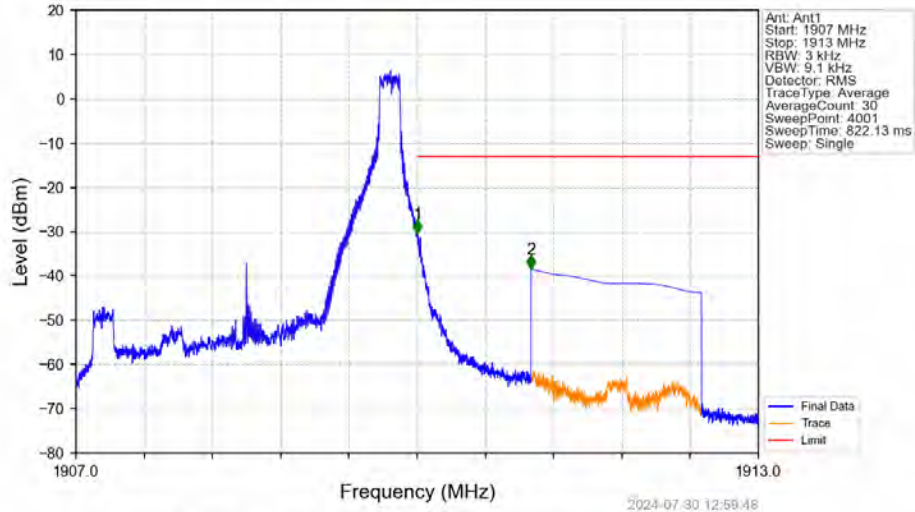
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN

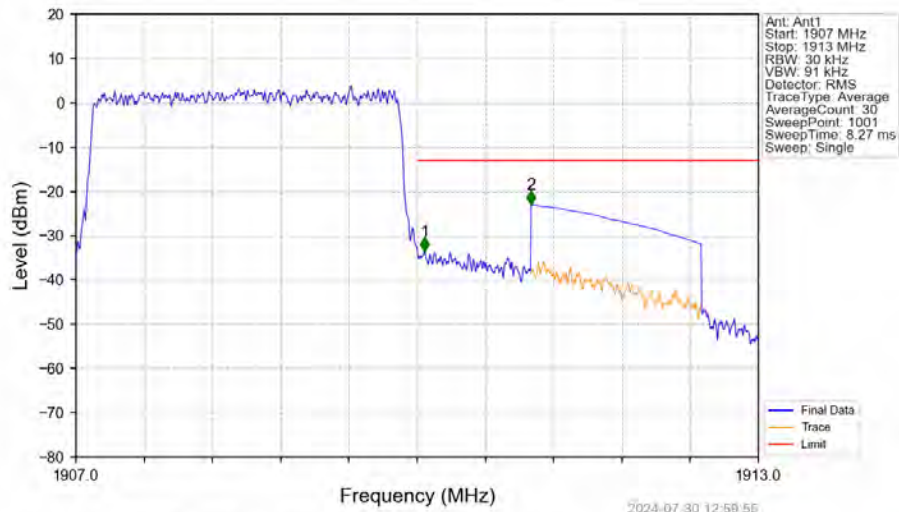


# Band2 3MHz QPSK HCH 1908.5MHz RB 1 14 NTV



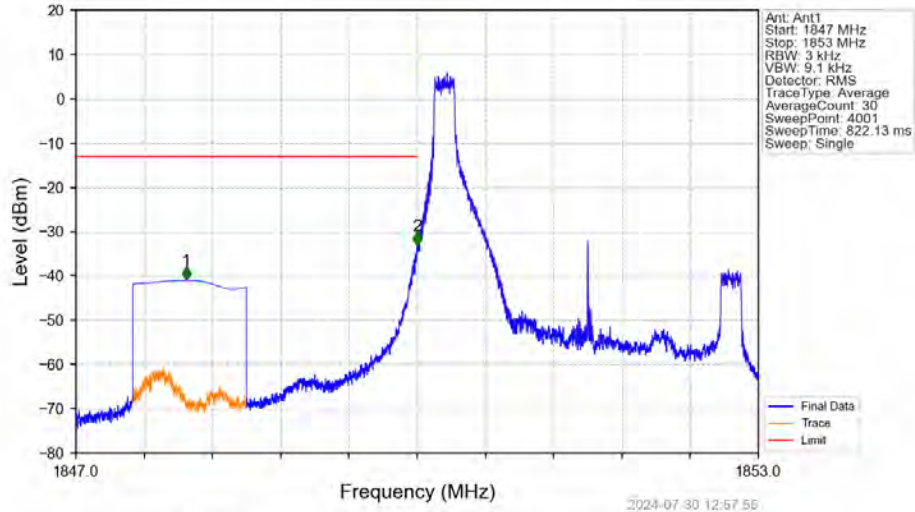
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -30.42      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.001   | -38.34      | -13         | Pass   |

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

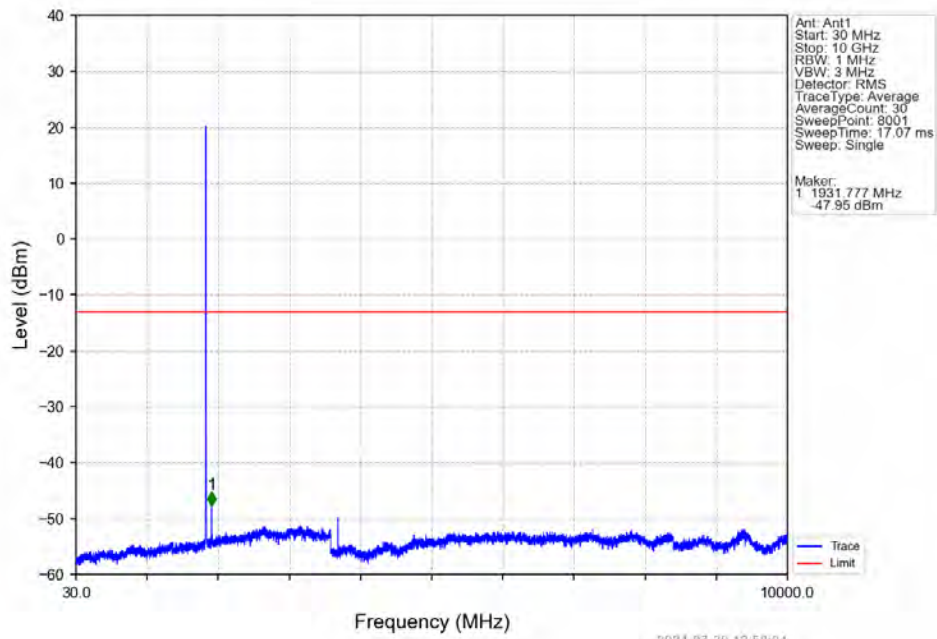


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.03      | /      | 1          | 1910.066   | -33.48      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.002   | -23.01      | -13         | Pass   |

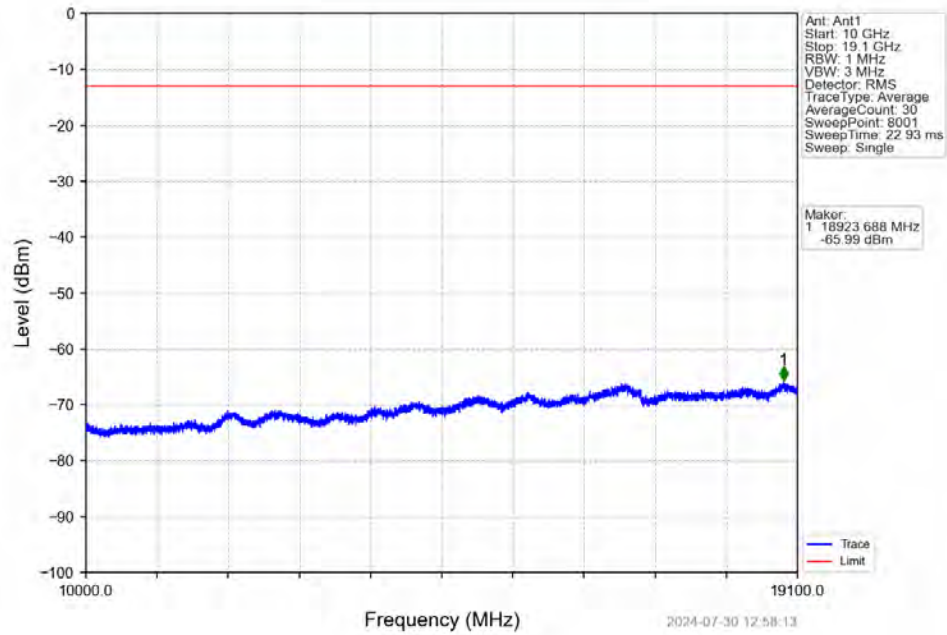
Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



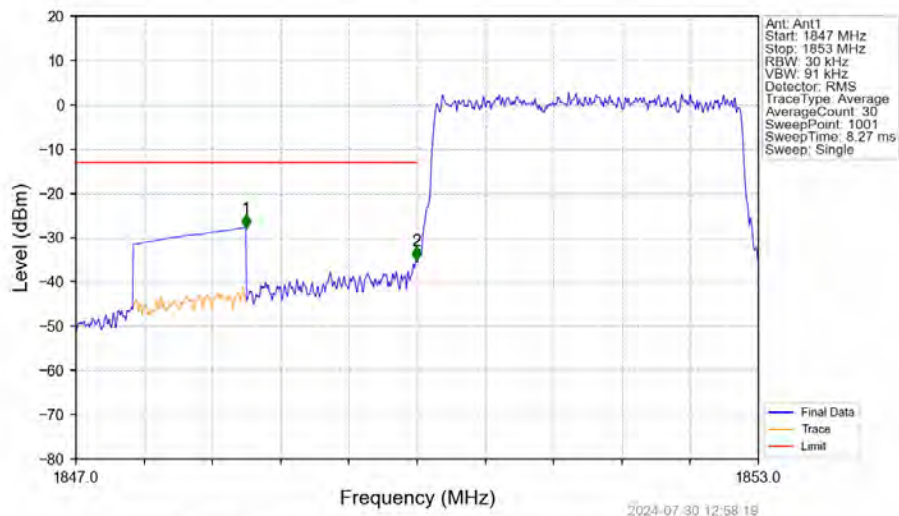
Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



# Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV

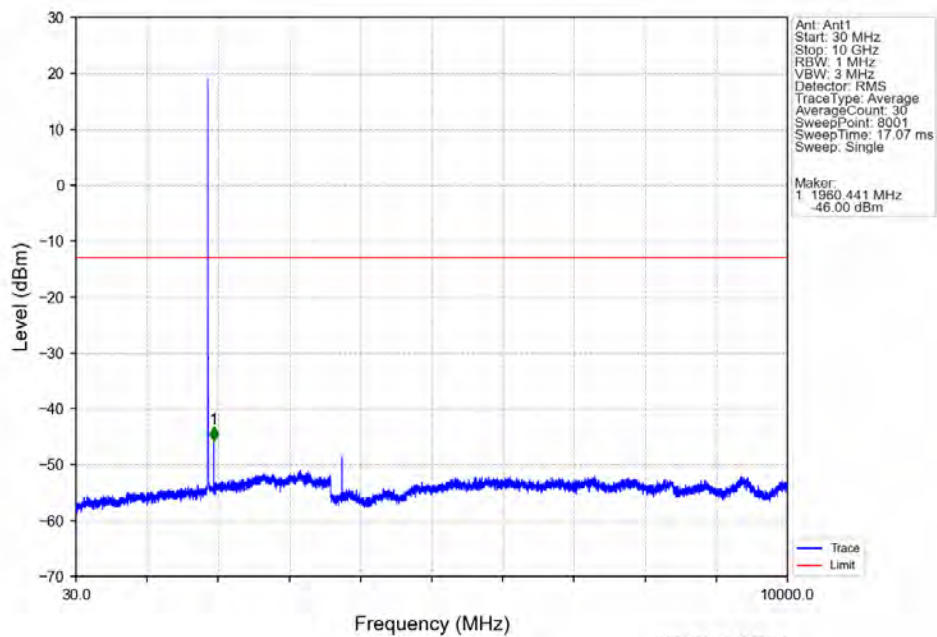


# Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV

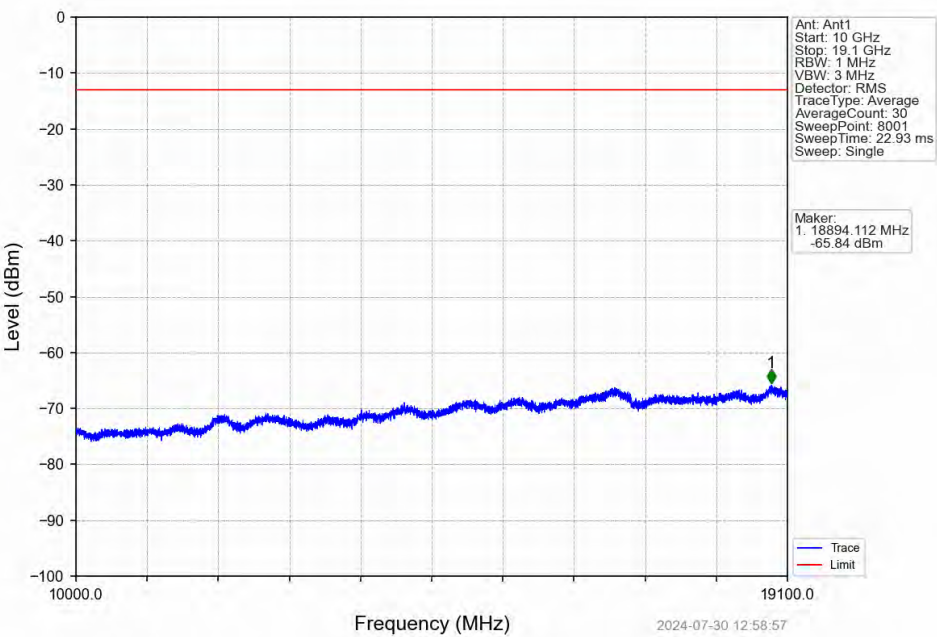


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.494   | -27.78      | -13         | Pass   |
| 1849        | 1850       | 0.03      | /      | 2          | 1849.994   | -35.17      | -13         | Pass   |
| 1850        | 1853       | 0.03      | /      | /          | /          | /           | /           | /      |

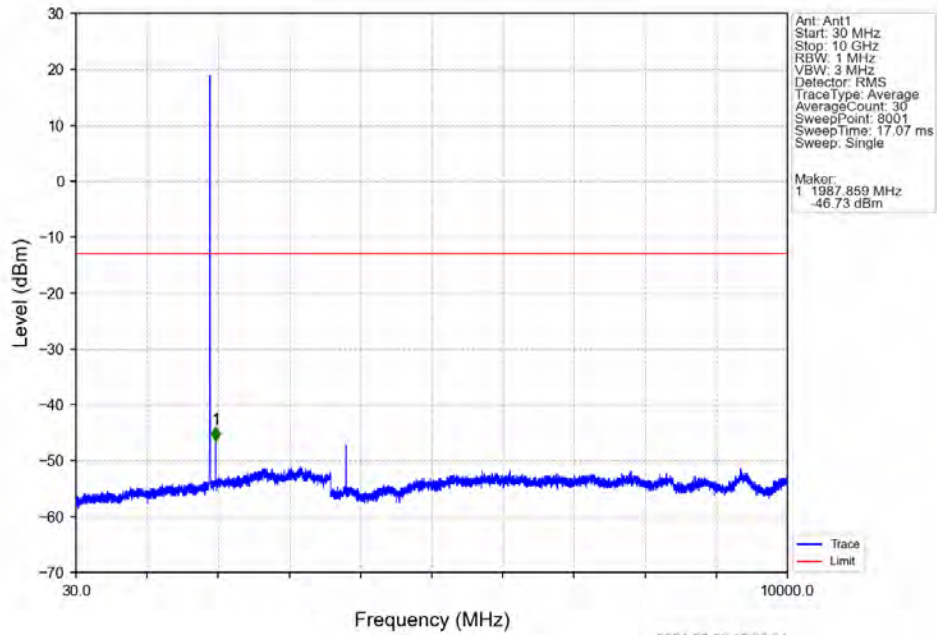
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTN



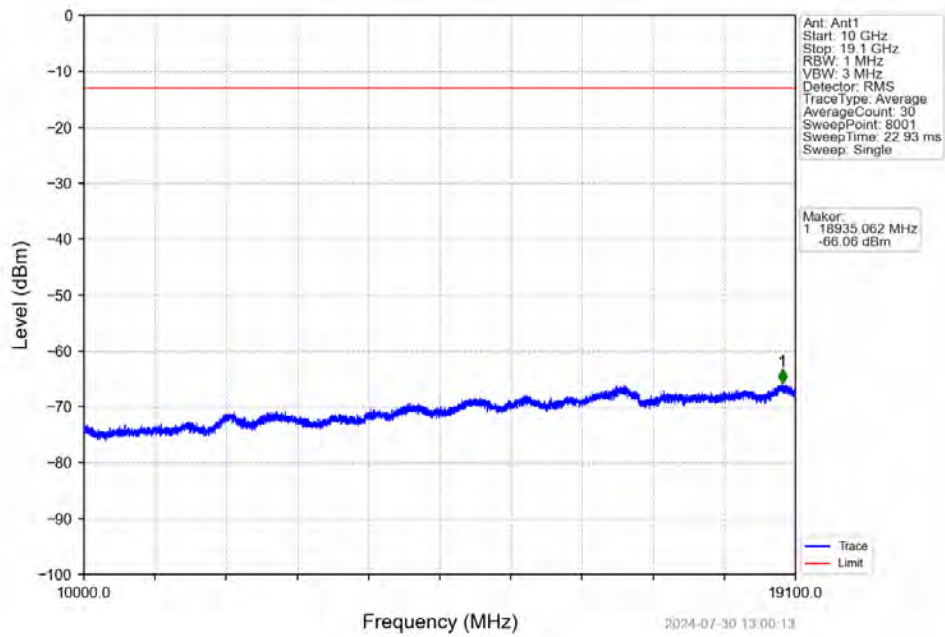
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTN



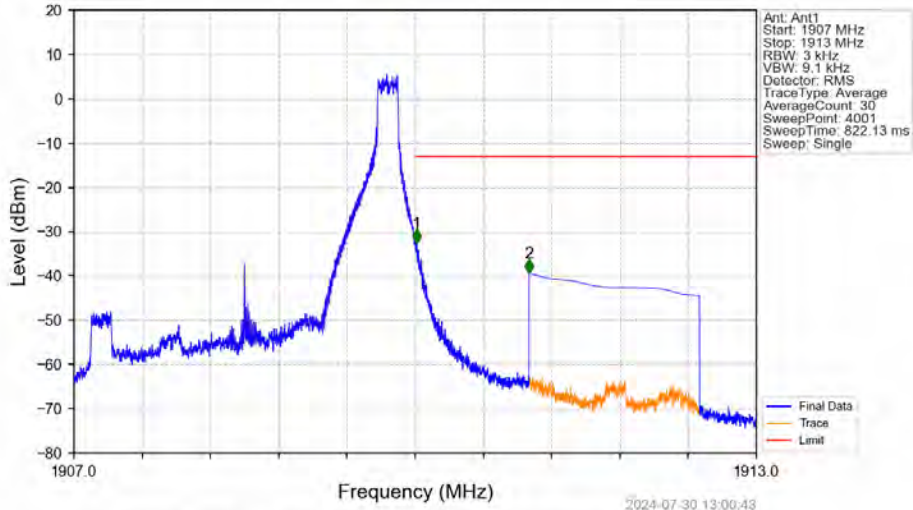
Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTV



Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTV

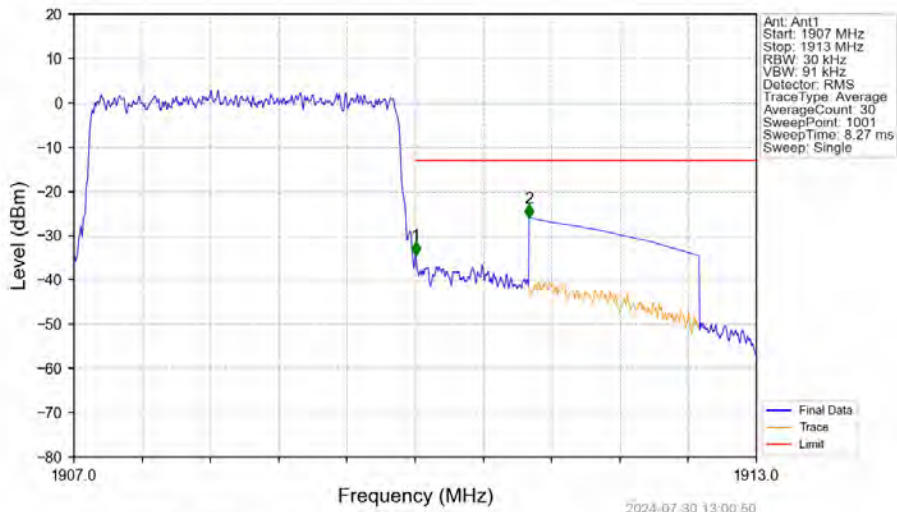


Band2 3MHz 16QAM HCH 1908.5MHz RB 1 14 NTNV



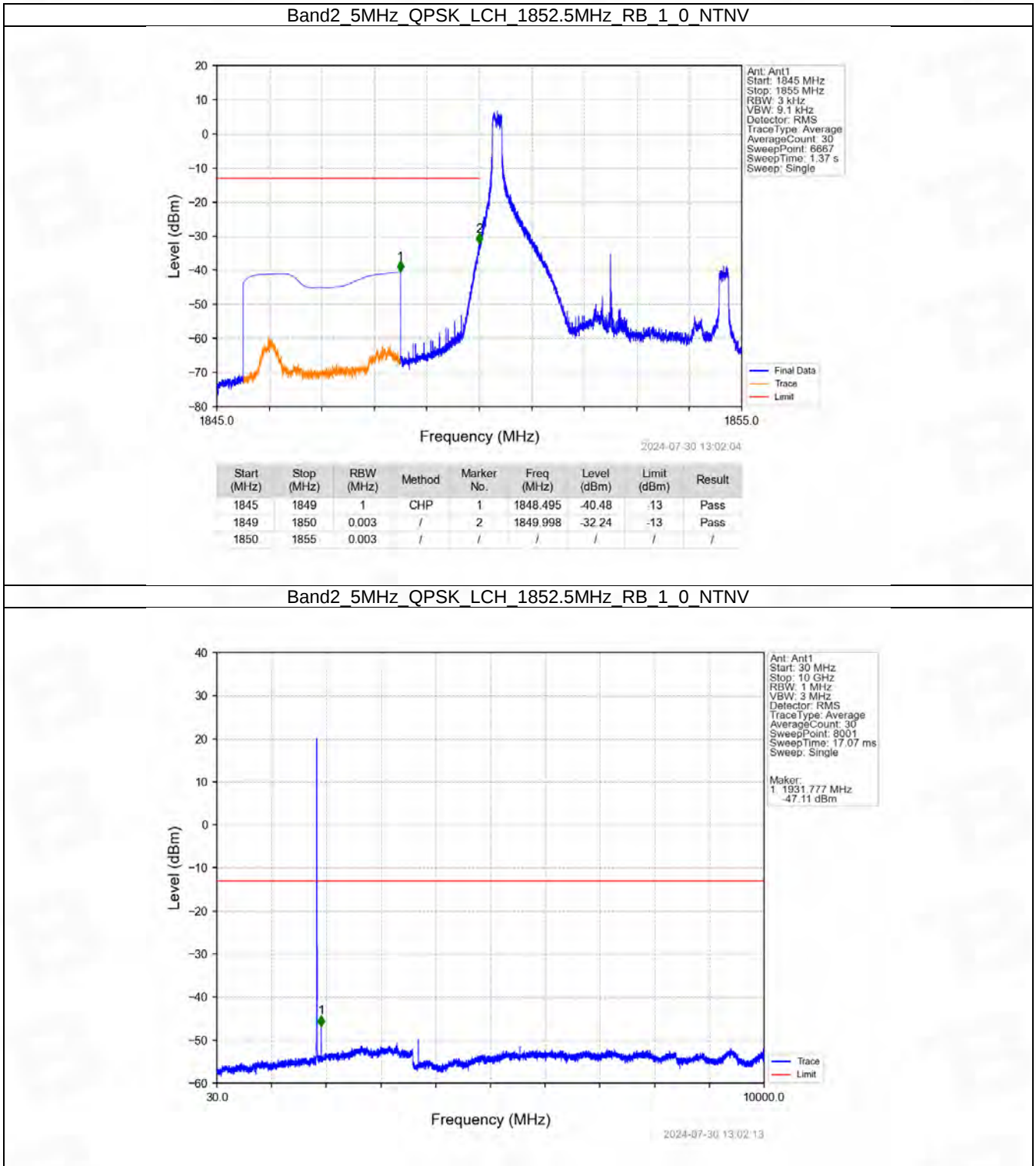
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.014   | -32.50      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.001   | -39.32      | -13         | Pass   |

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

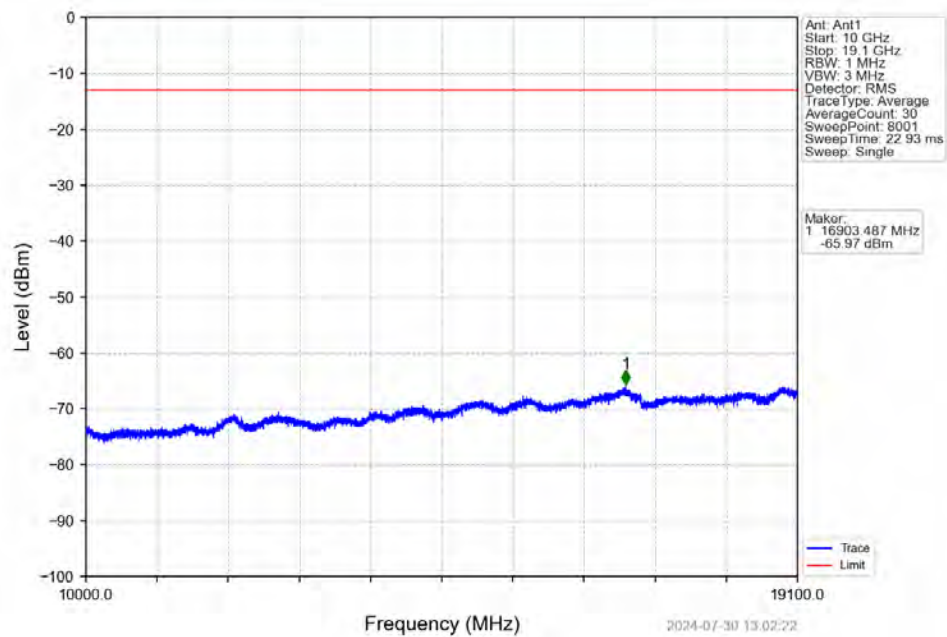


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.03      | /      | 1          | 1910.006   | -34.36      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.002   | -25.95      | -13         | Pass   |

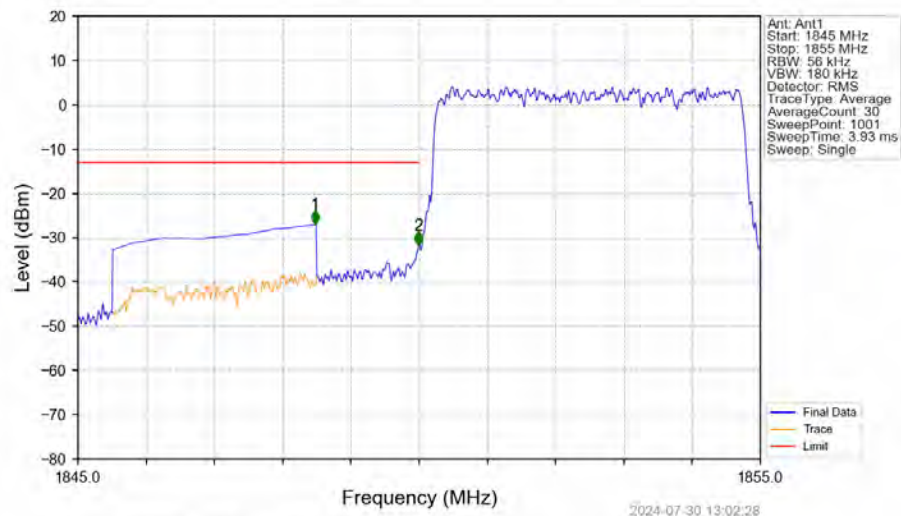
6.2.3 B2\_5MHz



Band2 5MHz QPSK LCH 1852.5MHz RB 1 0 NTN

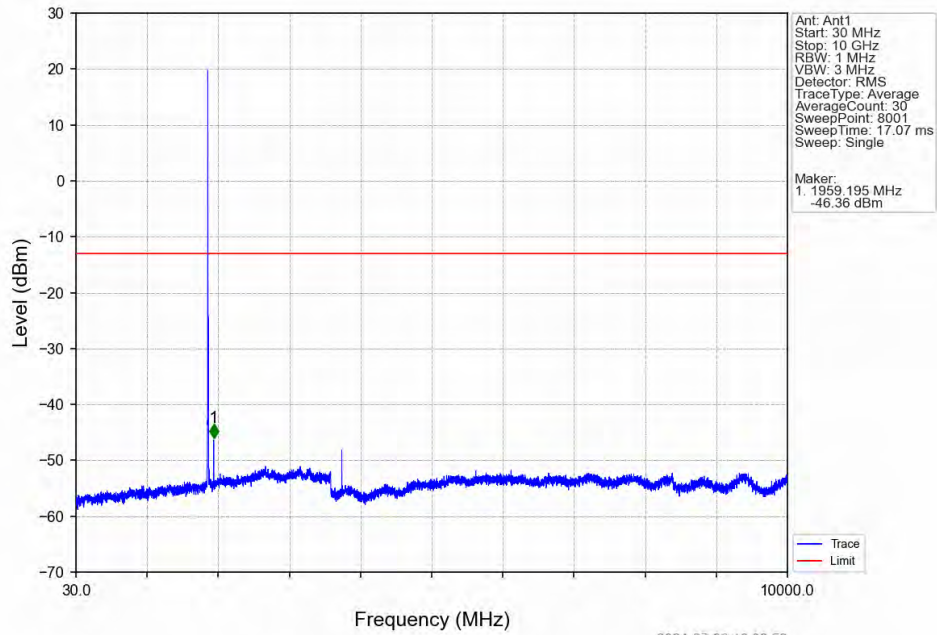


Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTN

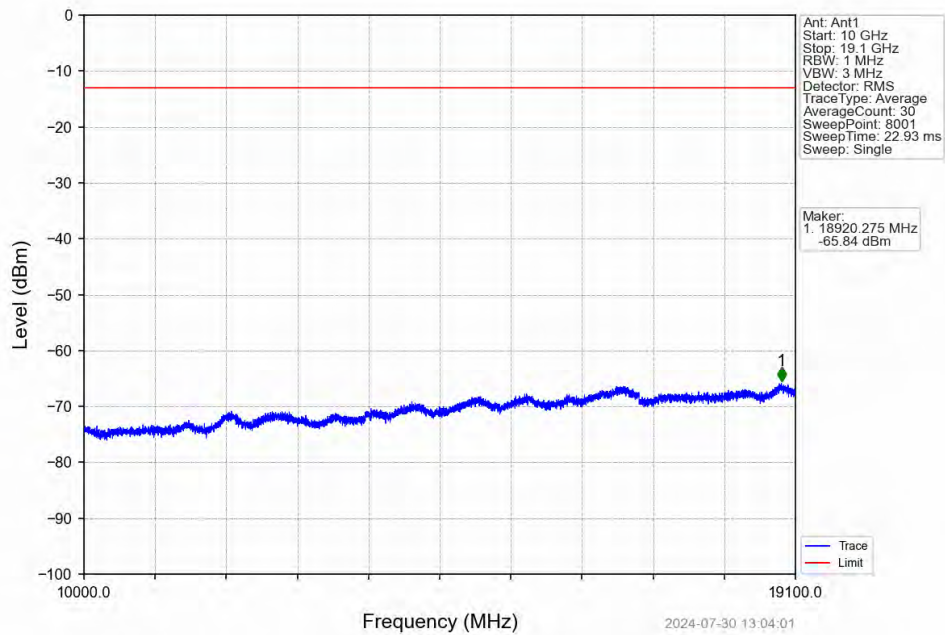


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.470   | -27.01      | -13         | Pass   |
| 1849        | 1850       | 0.056     | /      | 2          | 1849.990   | -31.71      | -13         | Pass   |
| 1850        | 1855       | 0.056     | /      | /          | /          | /           | /           | /      |

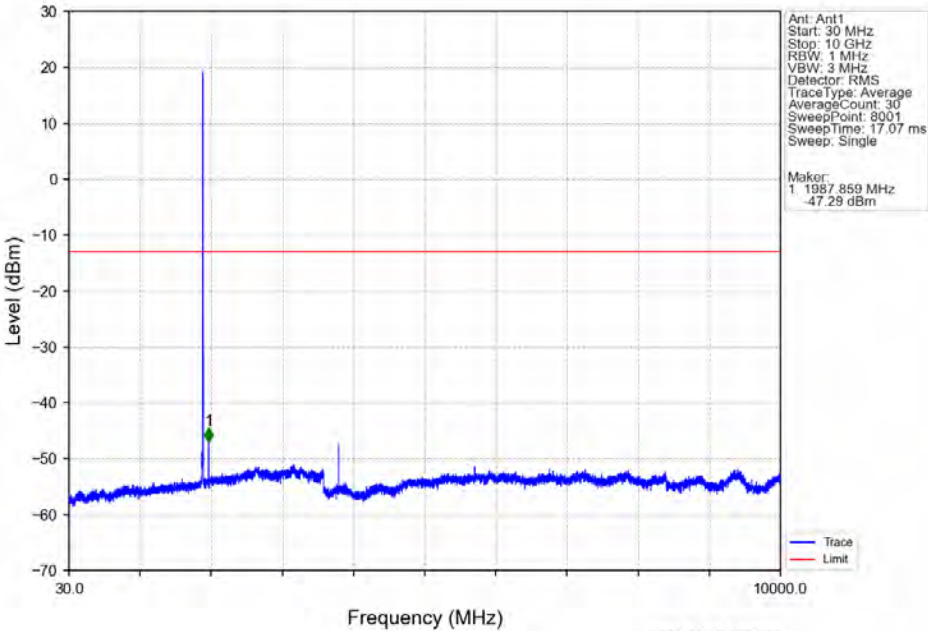
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTNV



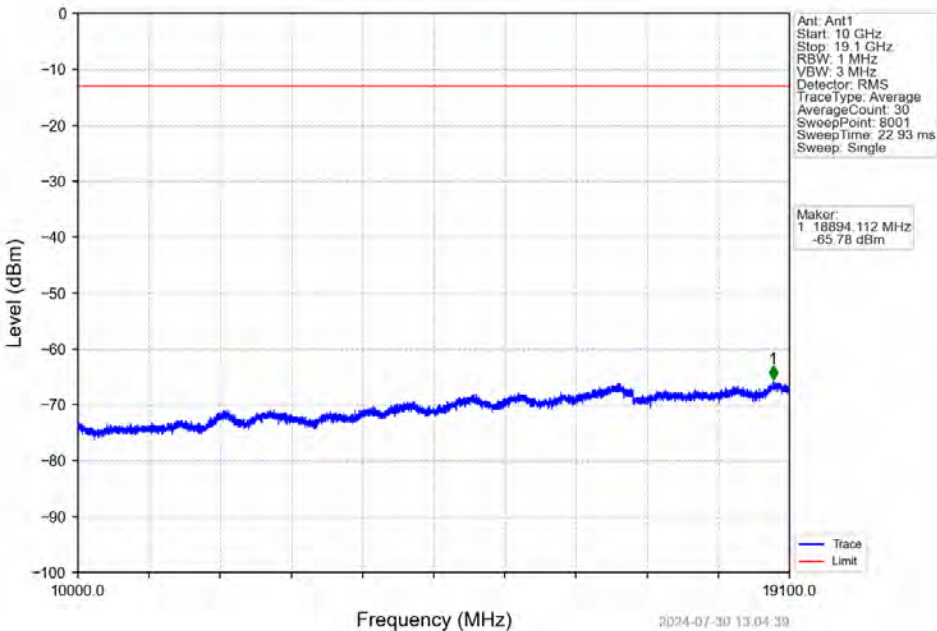
Band2 5MHz QPSK MCH 1880MHz RB 1 0 NTNV



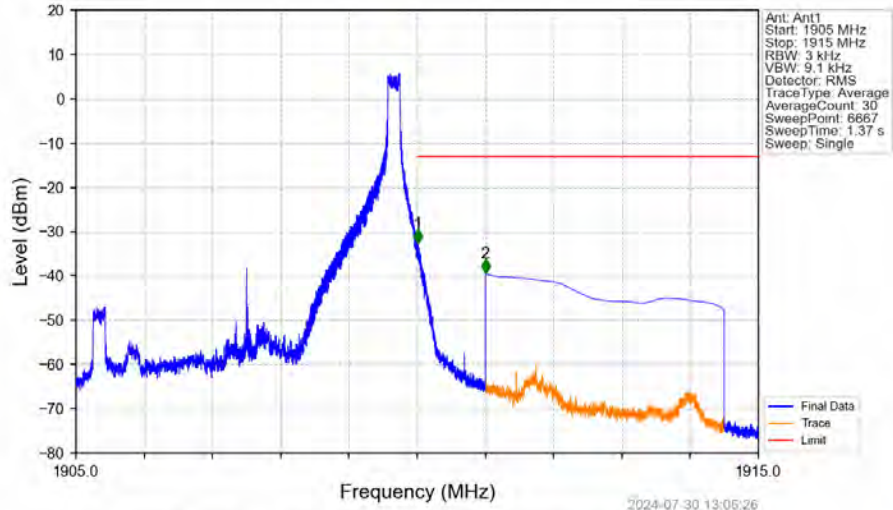
Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



Band2 5MHz QPSK HCH 1907.5MHz RB 1 0 NTNV

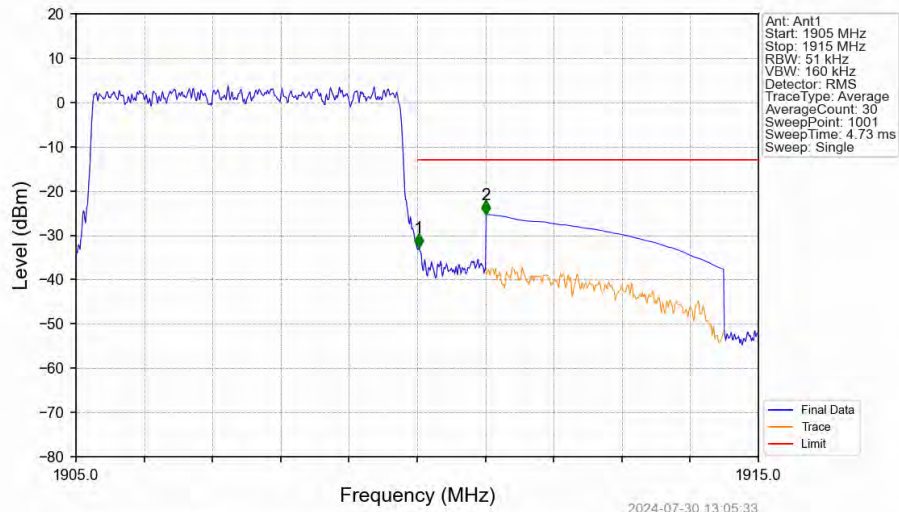


# Band2 5MHz QPSK HCH 1907.5MHz RB 1 24 NTNV



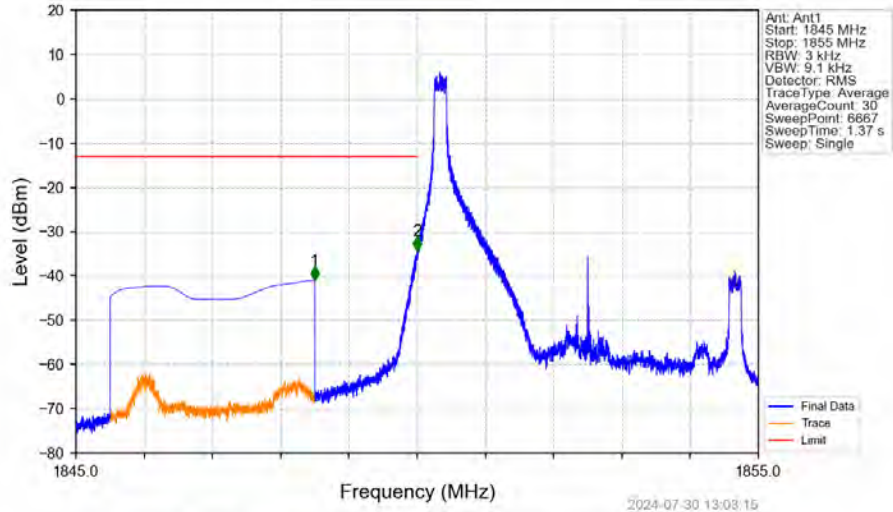
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.011   | -32.59      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.001   | -39.34      | -13         | Pass   |

# Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV

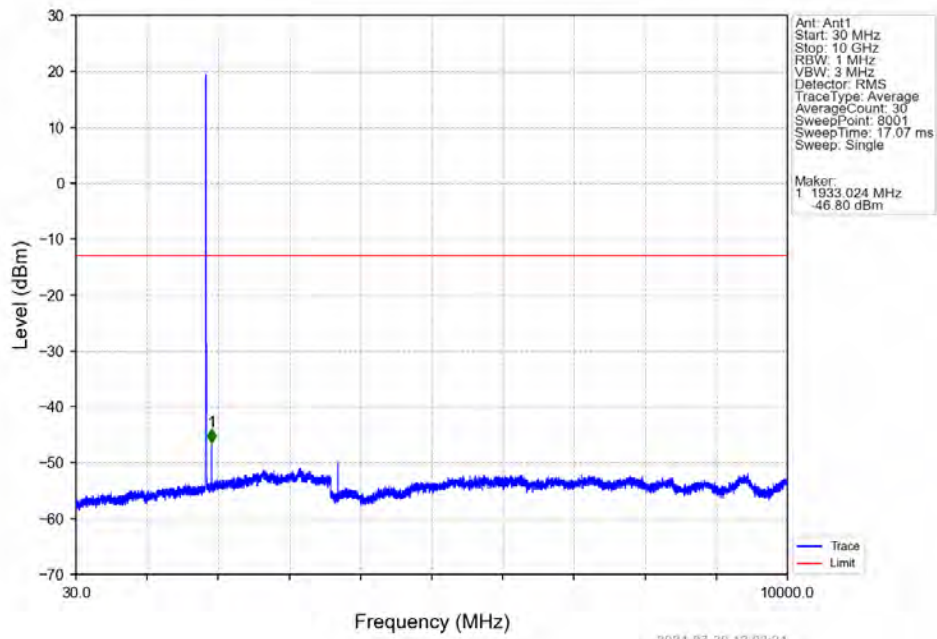


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.051     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.051     | /      | 1          | 1910.020   | -32.82      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.010   | -25.35      | -13         | Pass   |

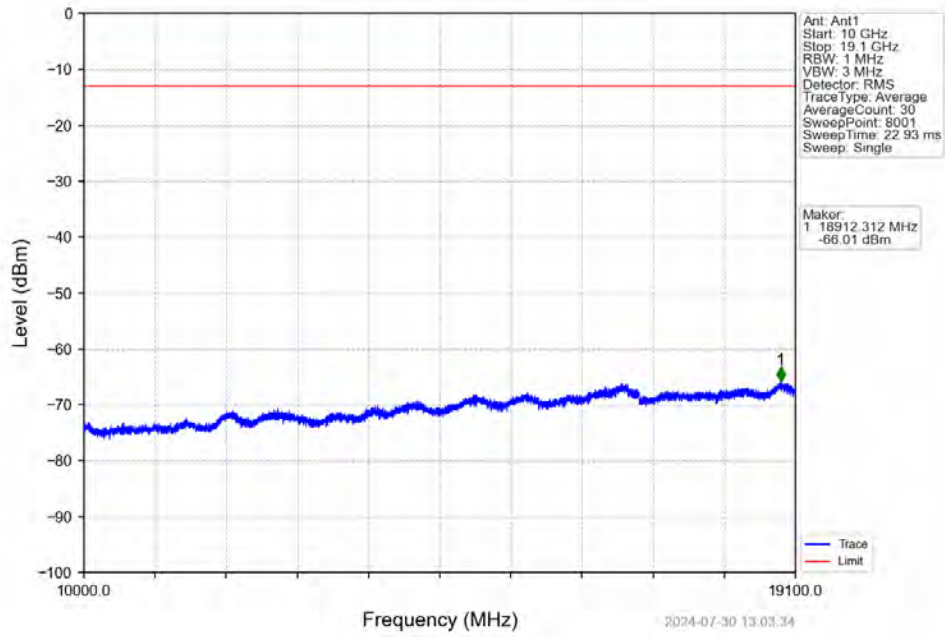
Band2 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTNV



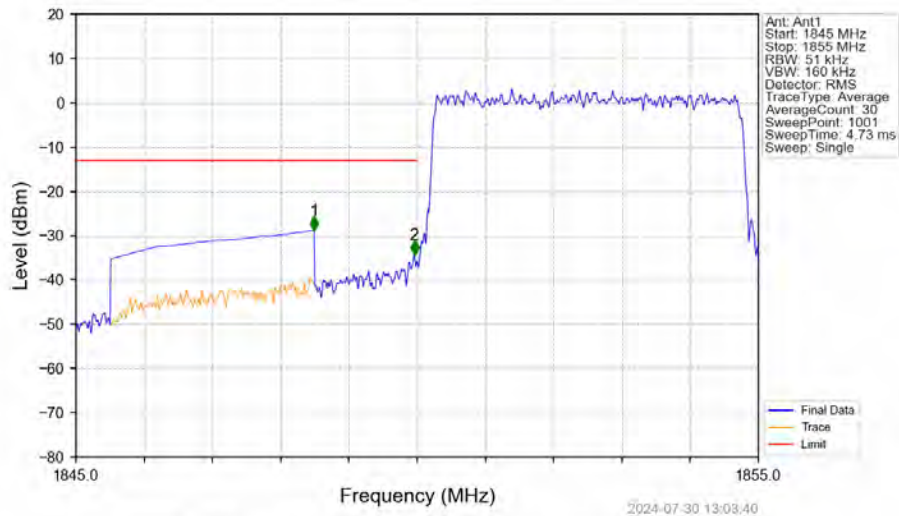
Band2 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTNV



Band2 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTNV

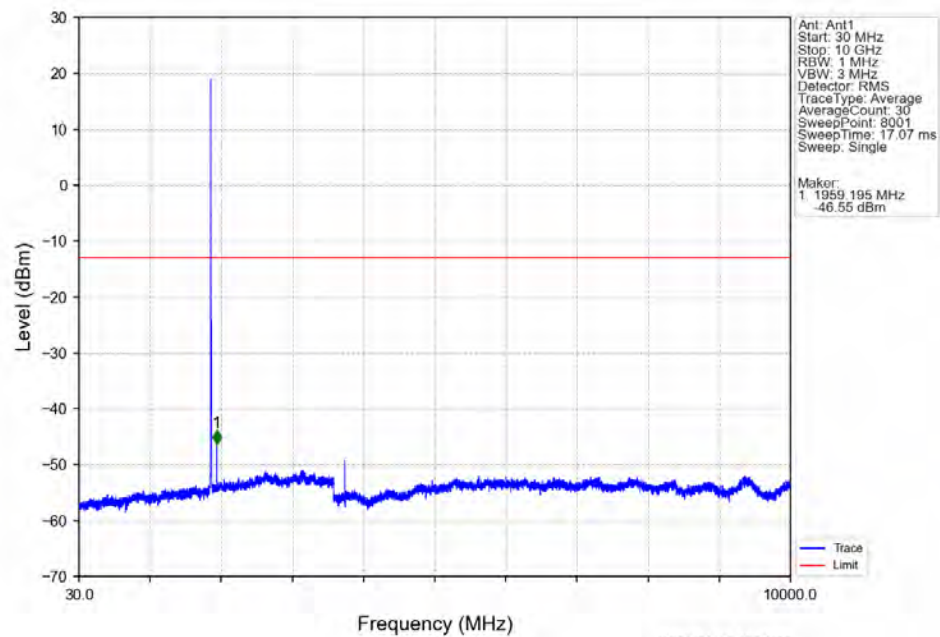


Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV

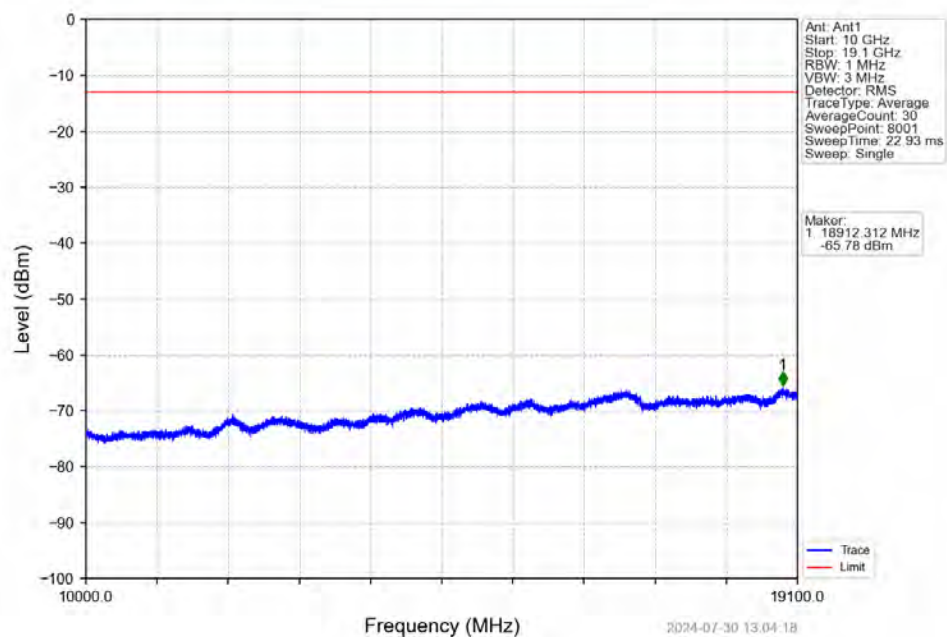


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.490   | -28.78      | -13         | Pass   |
| 1849        | 1850       | 0.051     | /      | 2          | 1849.960   | -34.20      | -13         | Pass   |
| 1850        | 1855       | 0.051     | /      | /          | /          | /           | /           | /      |

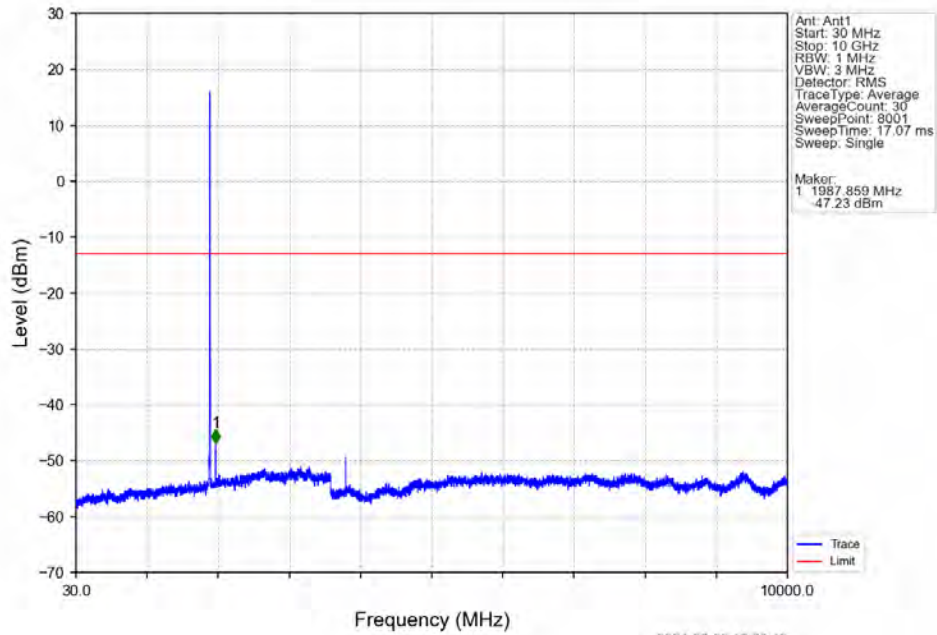
Band2 5MHz 16QAM MCH 1880MHz RB 1 0 NTN



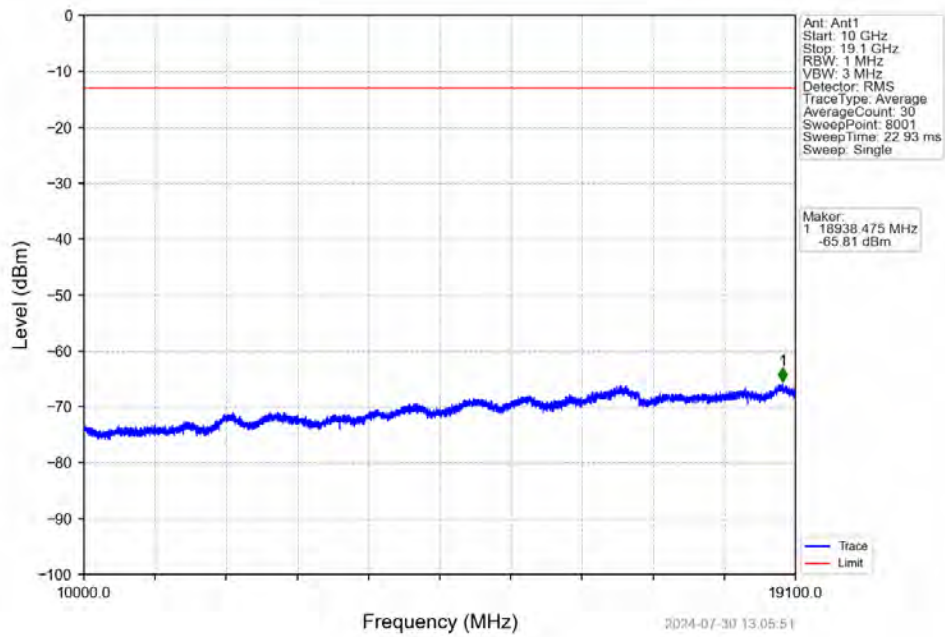
Band2 5MHz 16QAM MCH 1880MHz RB 1 0 NTN



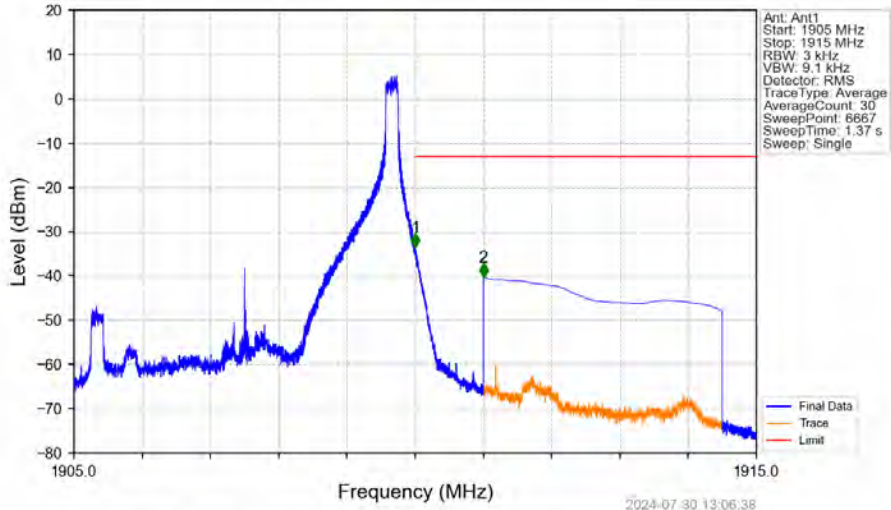
Band2 5MHz 16QAM HCH 1907.5MHz RB 1 0 NTV



Band2 5MHz 16QAM HCH 1907.5MHz RB 1 0 NTV

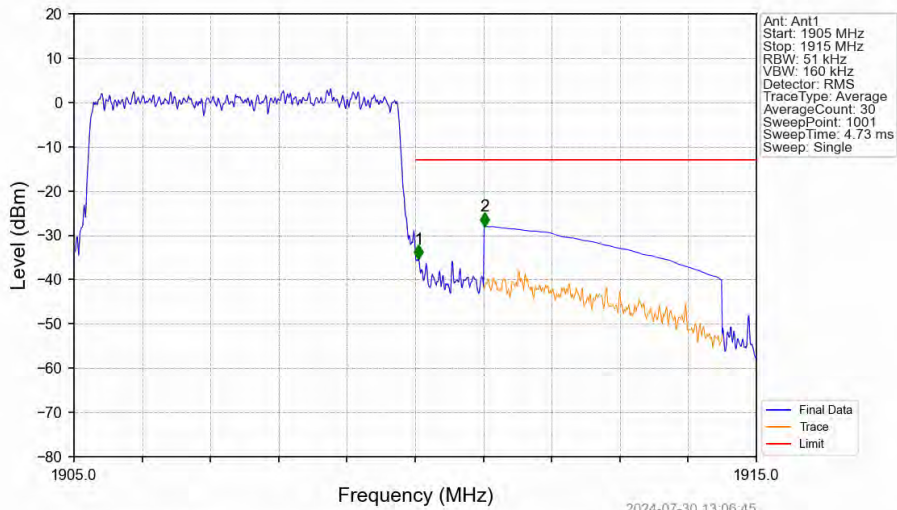


Band2 5MHz 16QAM HCH 1907.5MHz RB 1 24 NTNV



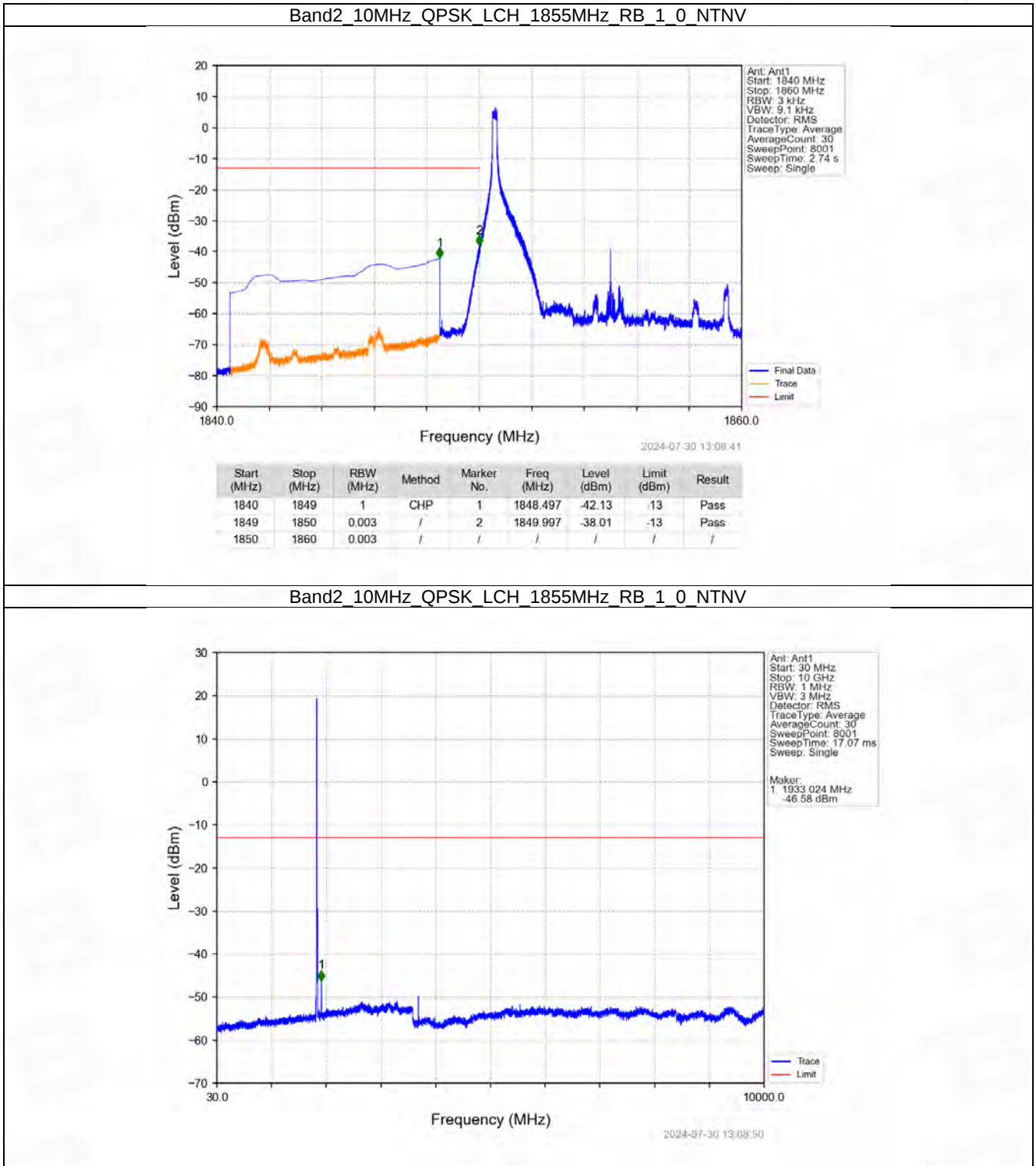
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -33.47      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.001   | -40.17      | -13         | Pass   |

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

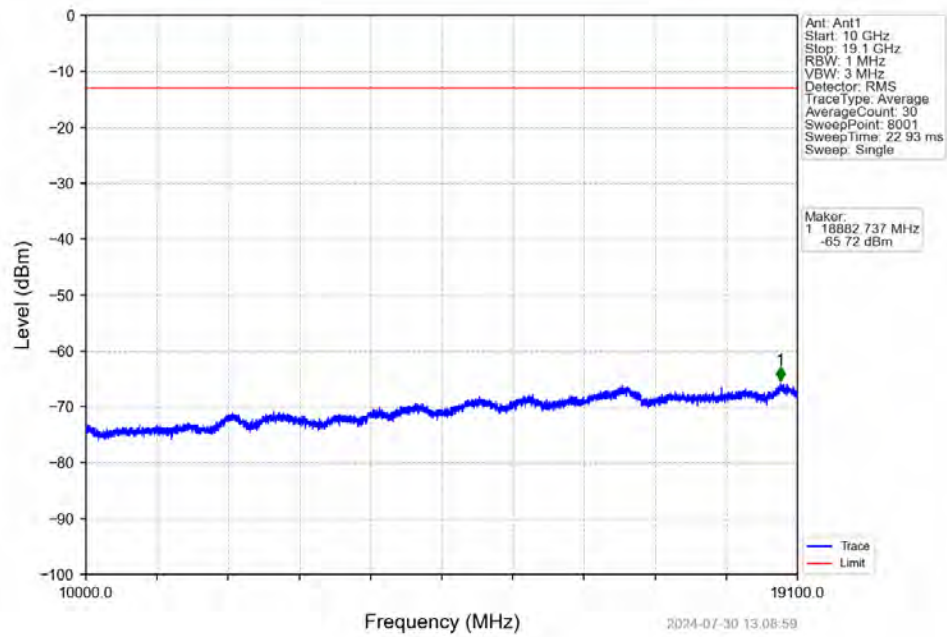


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.051     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.051     | /      | 1          | 1910.050   | -35.30      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.020   | -27.94      | -13         | Pass   |

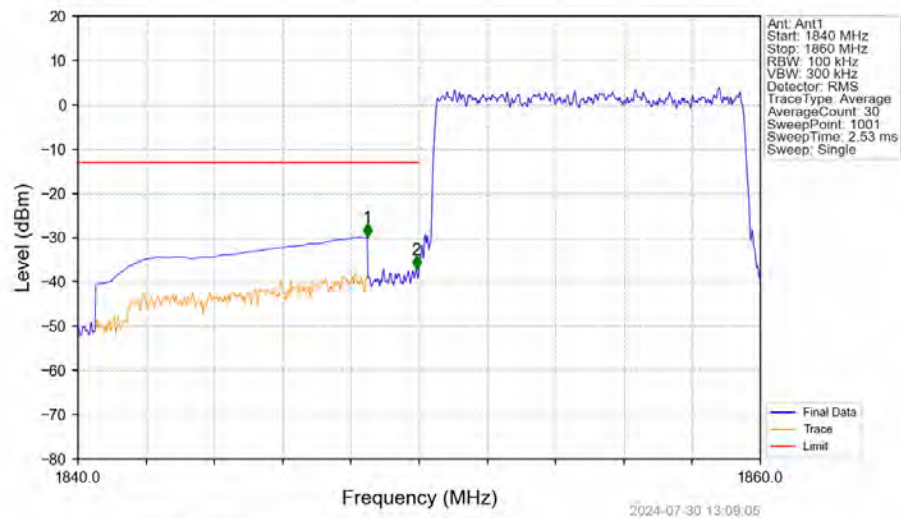
6.2.4 B2\_10MHz



Band2 10MHz QPSK LCH 1855MHz RB 1 0 NTN

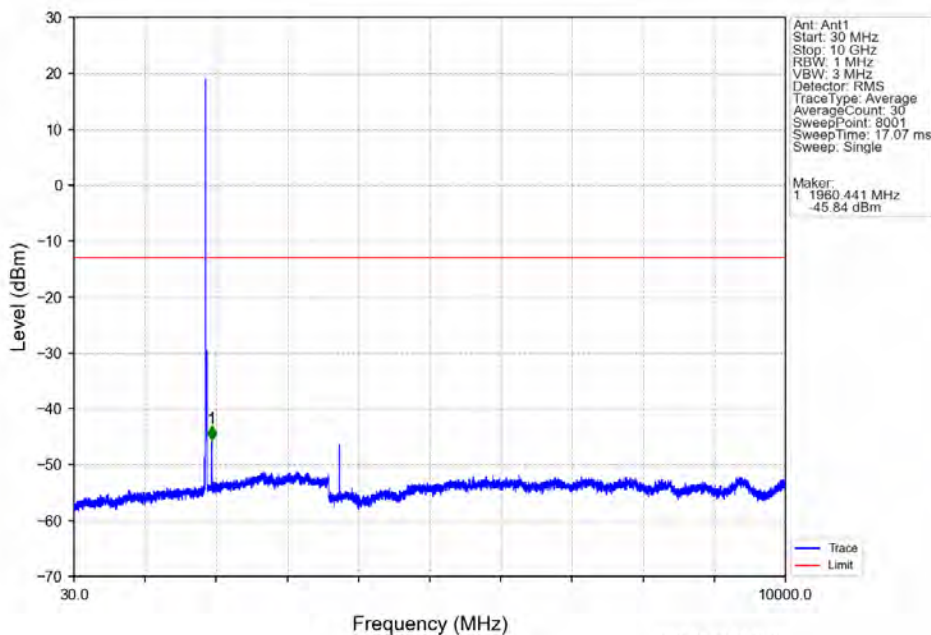


Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN

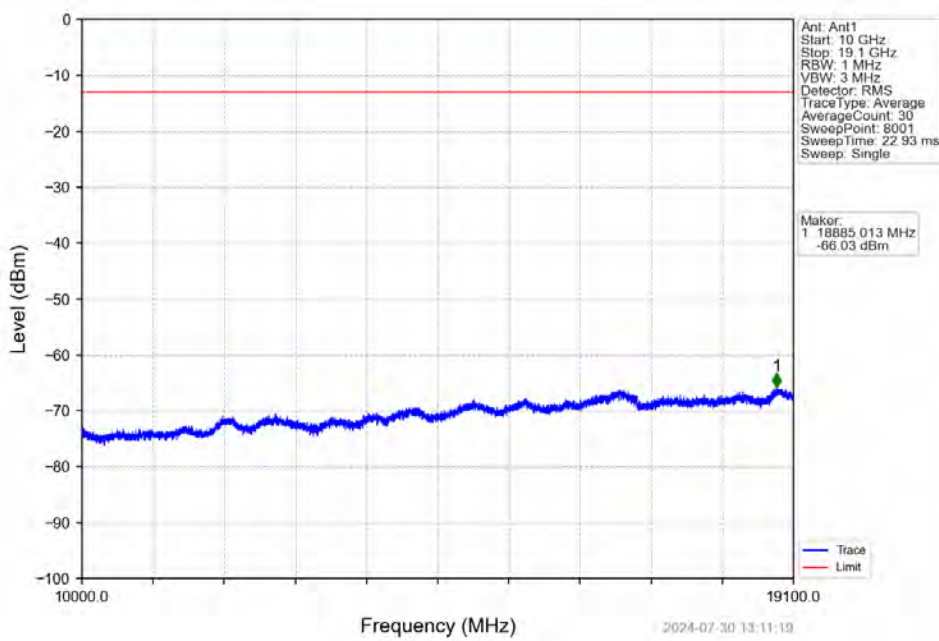


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.480   | -29.90      | -13         | Pass   |
| 1849        | 1850       | 0.1       | /      | 2          | 1849.920   | -37.18      | -13         | Pass   |
| 1850        | 1860       | 0.1       | /      | /          | /          | /           | /           | /      |

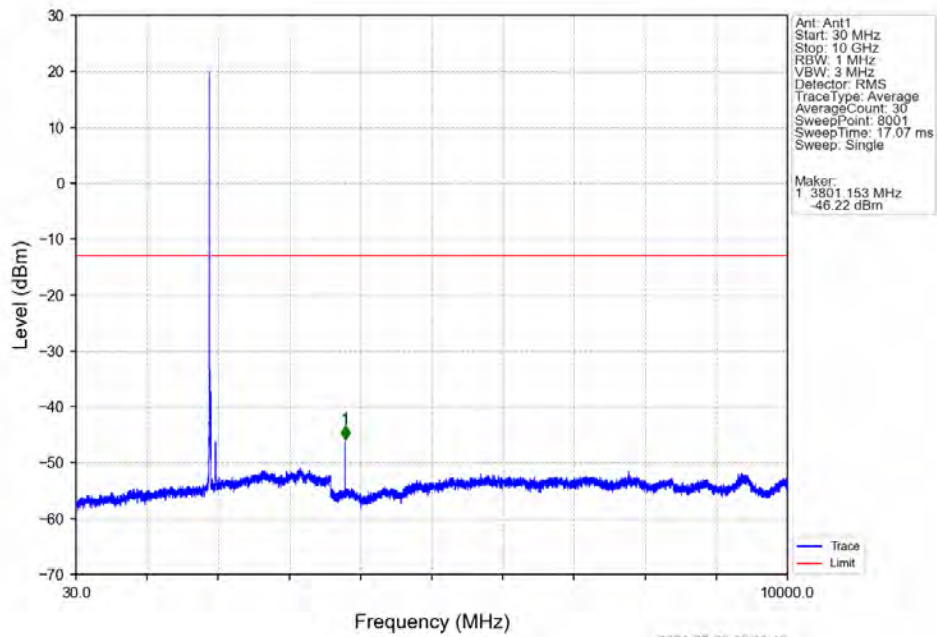
Band2 10MHz QPSK MCH 1880MHz RB 1 0 NTN



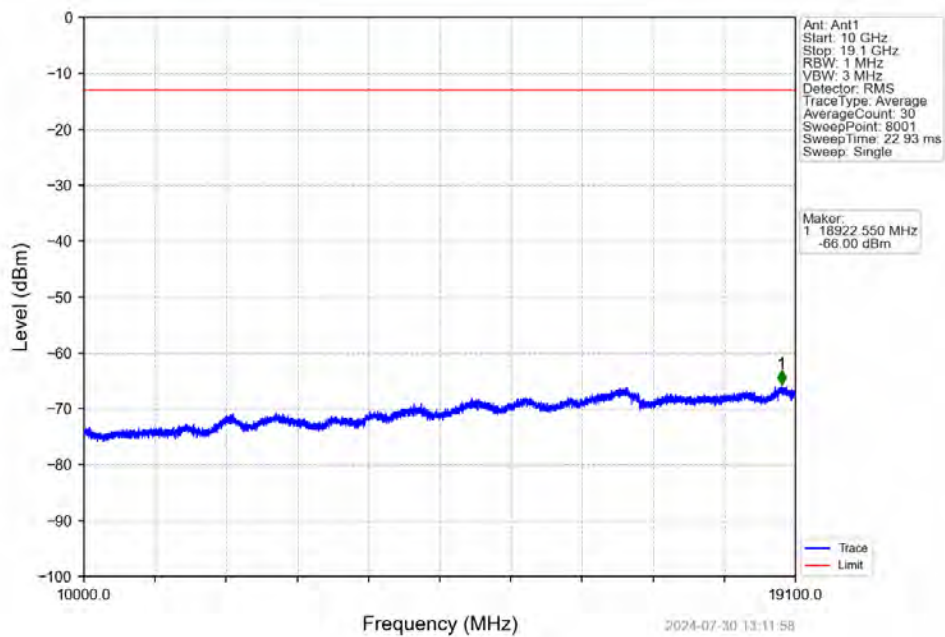
Band2 10MHz QPSK MCH 1880MHz RB 1 0 NTN



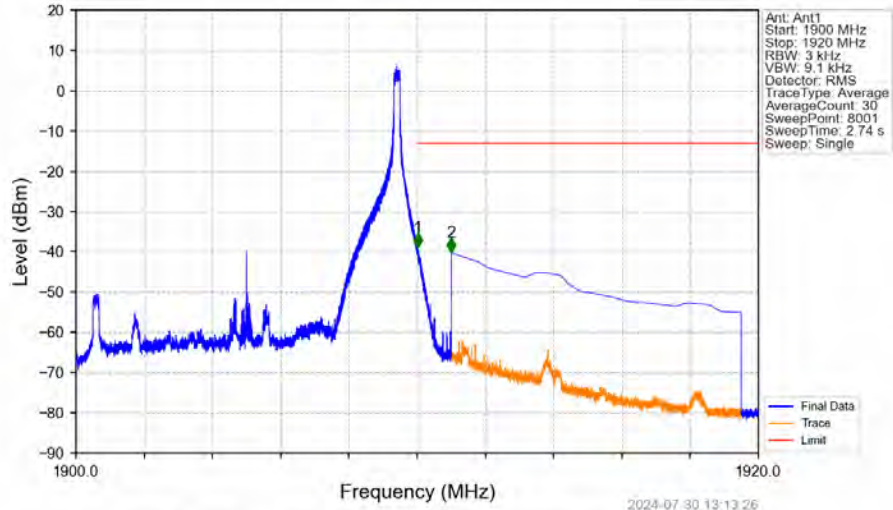
Band2 10MHz QPSK HCH 1905MHz RB 1 0 NTN



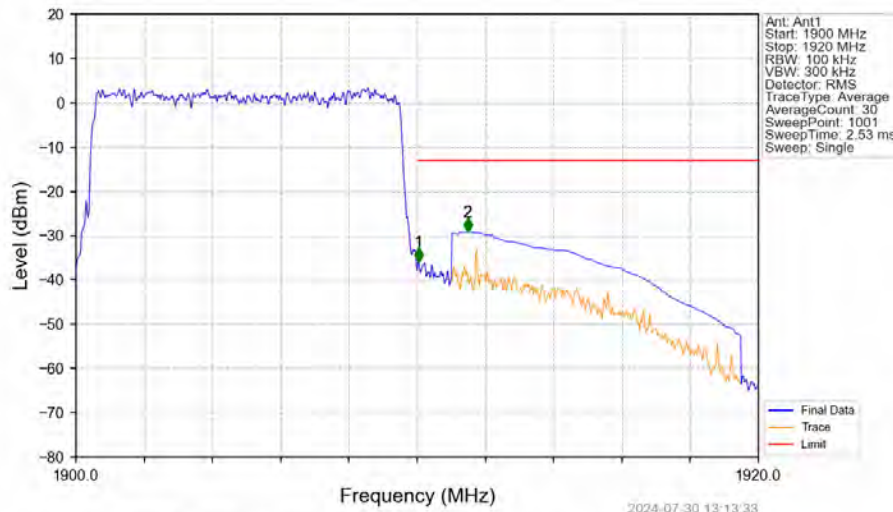
Band2 10MHz QPSK HCH 1905MHz RB 1 0 NTN



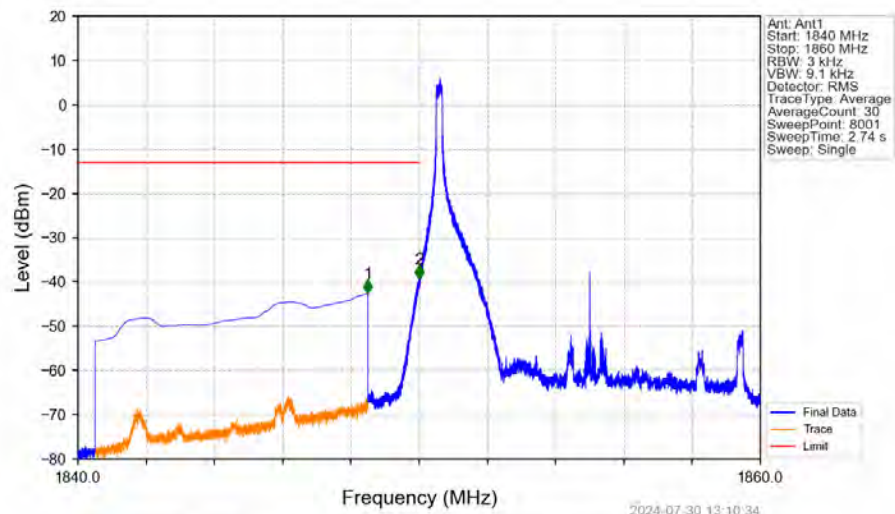
# Band2 10MHz QPSK HCH 1905MHz RB 1 49 NTNV



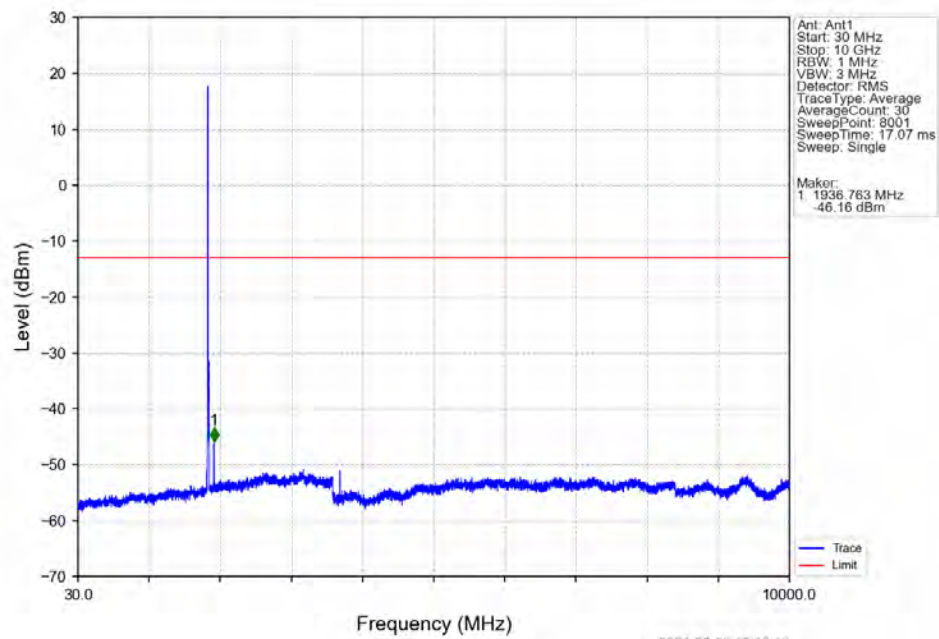
# Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



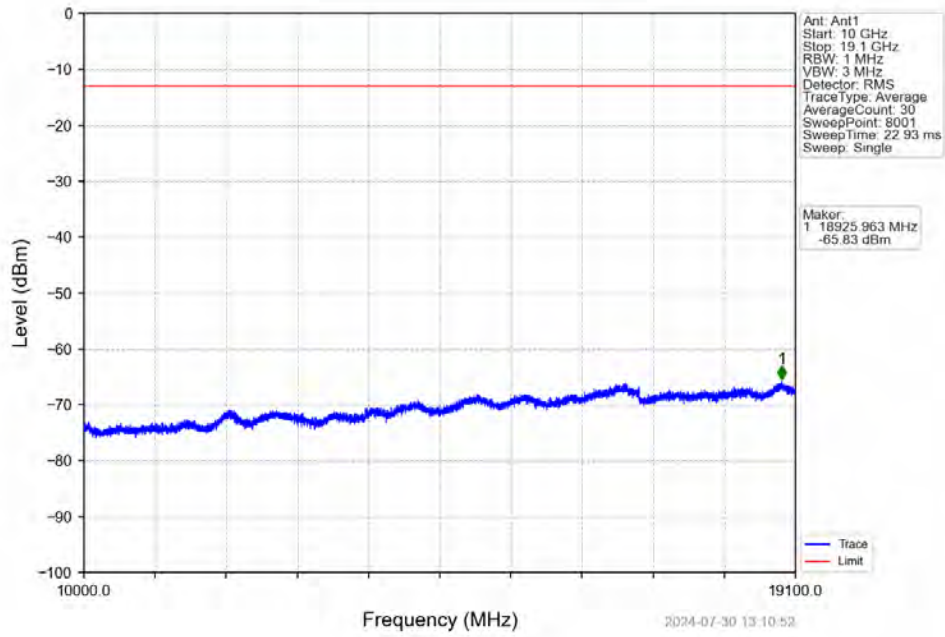
Band2 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV



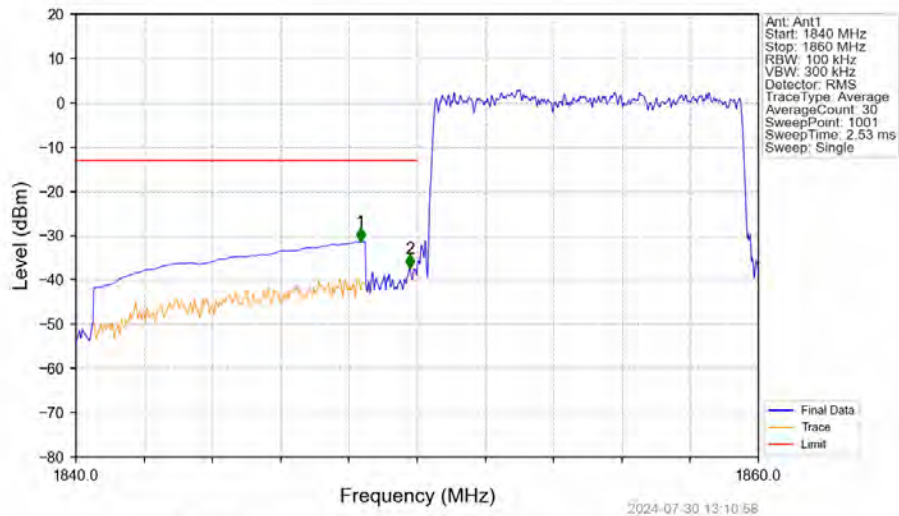
Band2 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV



# Band2 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV

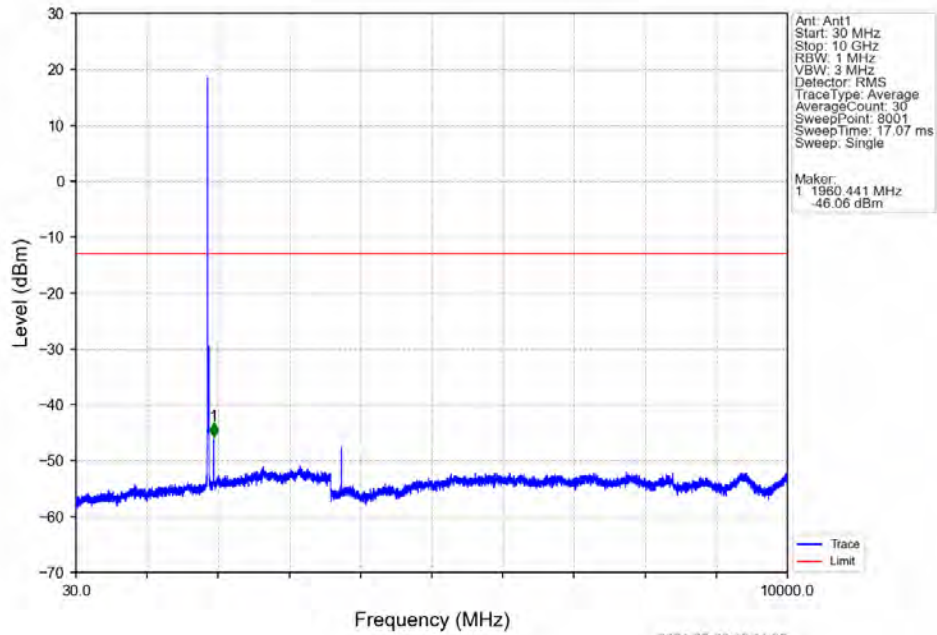


# Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV

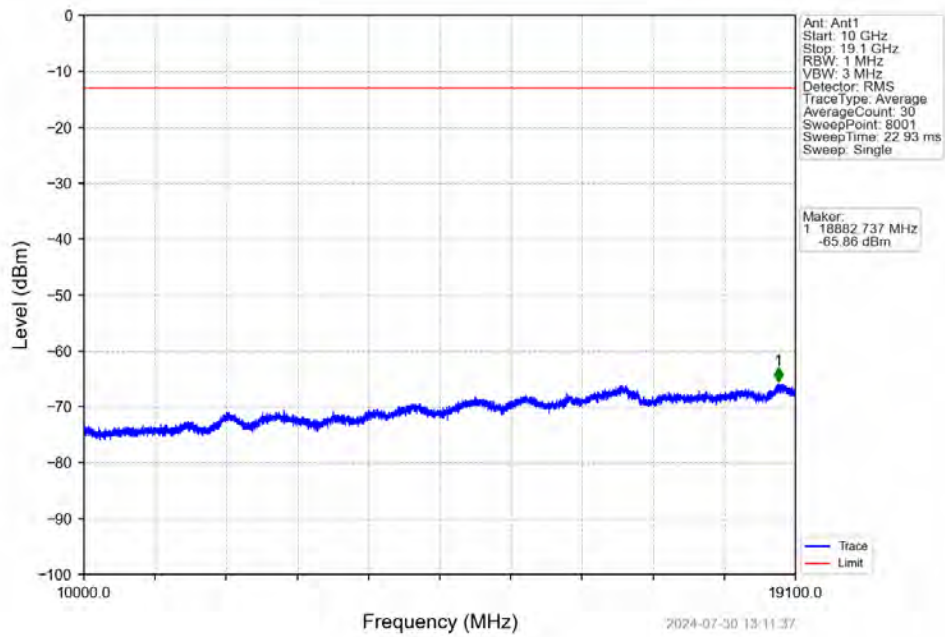


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.340   | -31.38      | -13         | Pass   |
| 1849        | 1850       | 0.1       | /      | 2          | 1849.780   | -37.29      | -13         | Pass   |
| 1850        | 1860       | 0.1       | /      | /          | /          | /           | /           | /      |

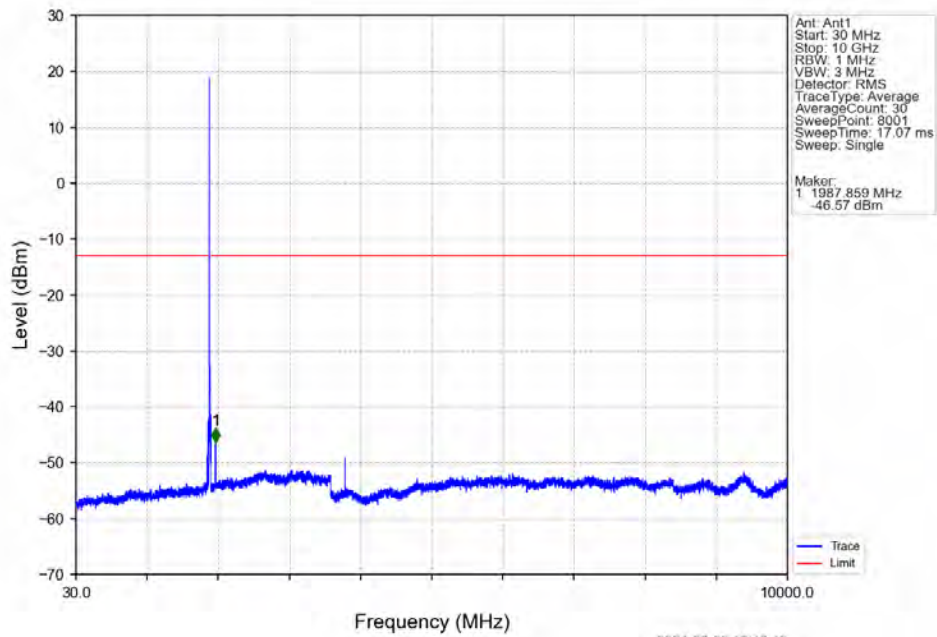
Band2 10MHz 16QAM MCH 1880MHz RB 1 0 NTNV



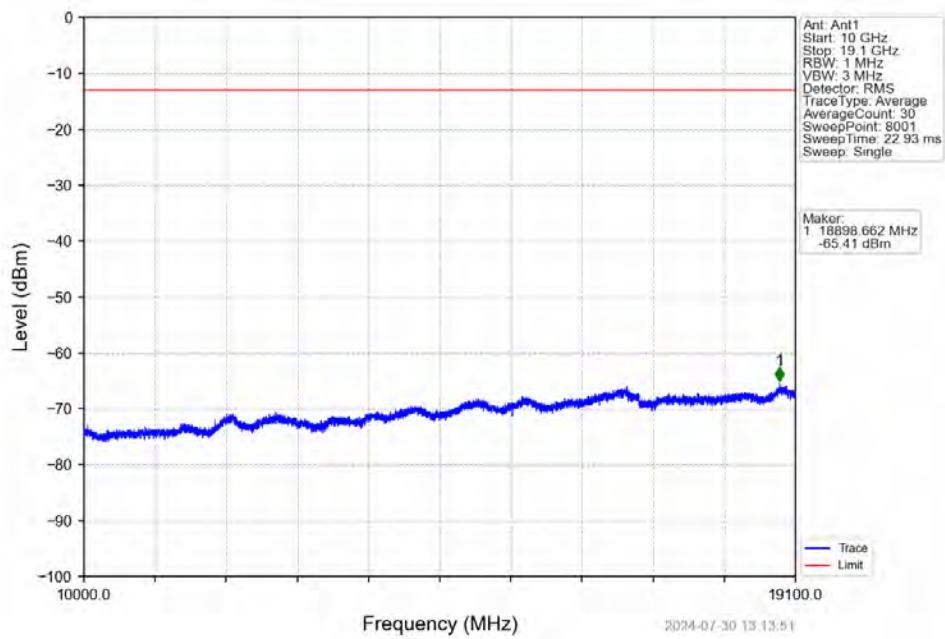
Band2 10MHz 16QAM MCH 1880MHz RB 1 0 NTNV



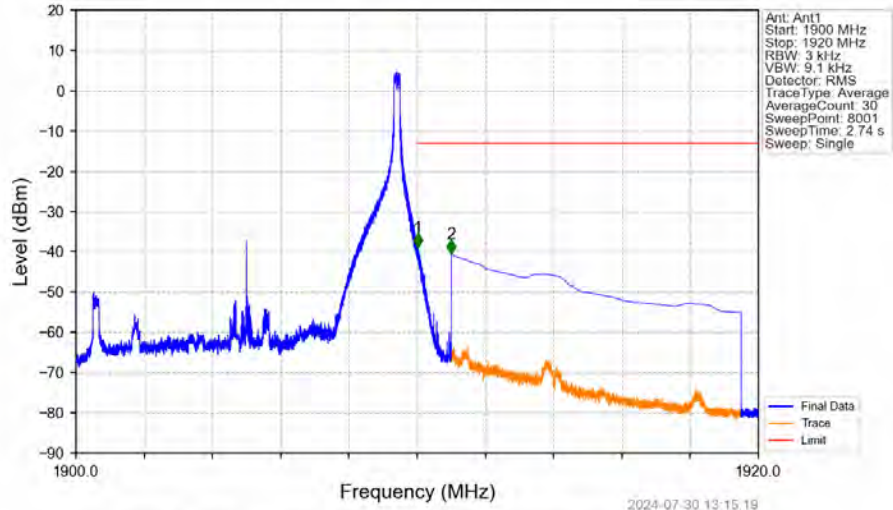
Band2 10MHz 16QAM HCH 1905MHz RB 1 0 NTNV



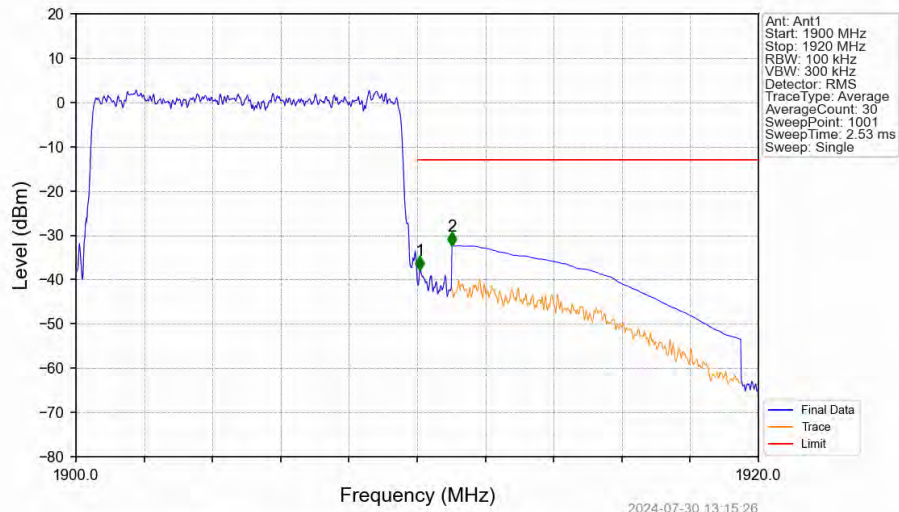
Band2 10MHz 16QAM HCH 1905MHz RB 1 0 NTNV



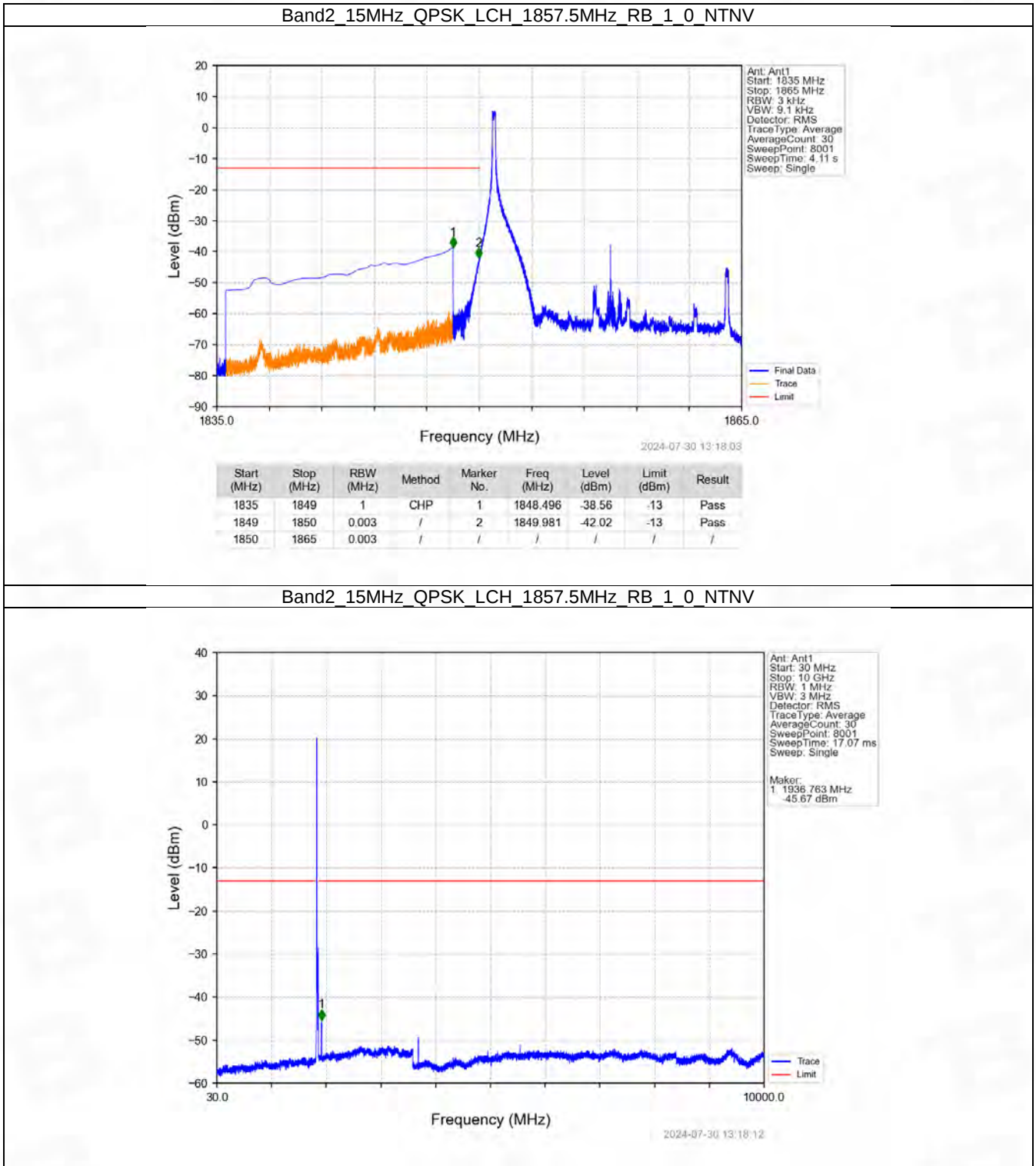
Band2 10MHz 16QAM HCH 1905MHz RB 1 49 NTNV



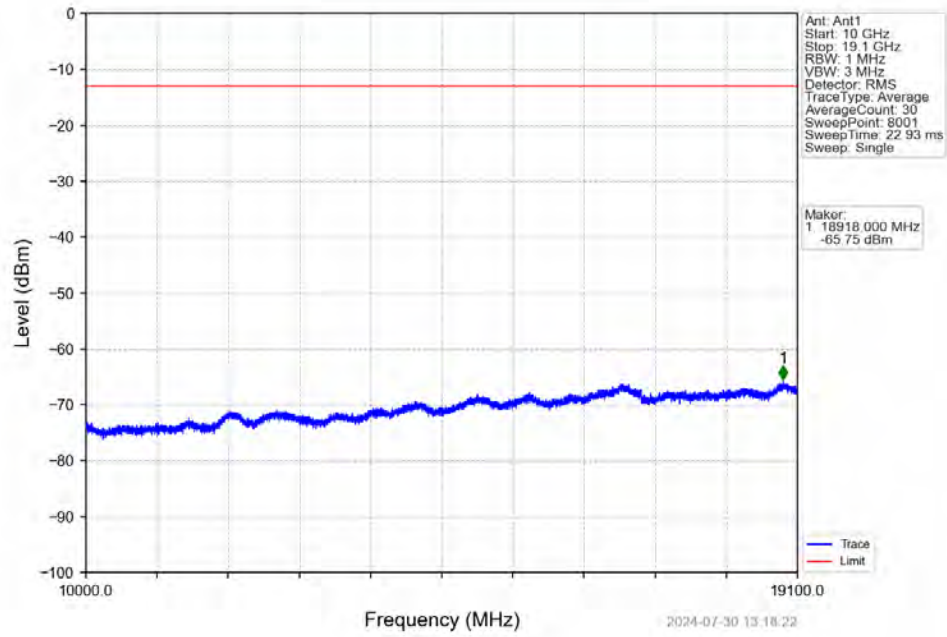
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV



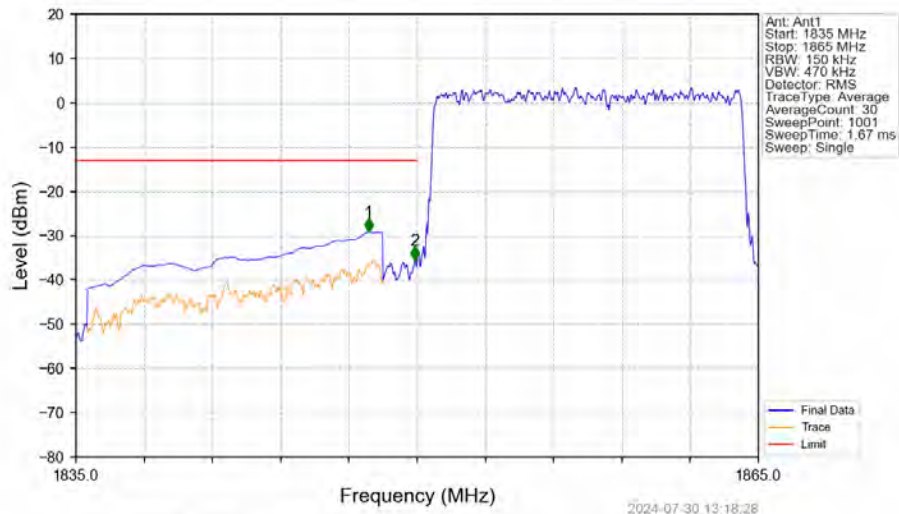
6.2.5 B2\_15MHz



# Band2 15MHz QPSK LCH 1857.5MHz RB 1 0 NTV

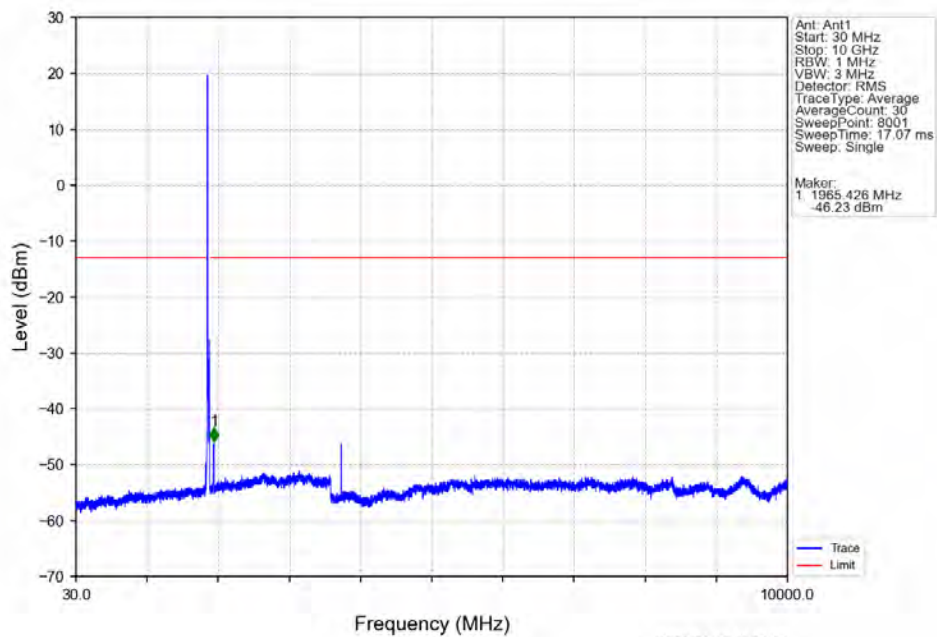


# Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTV

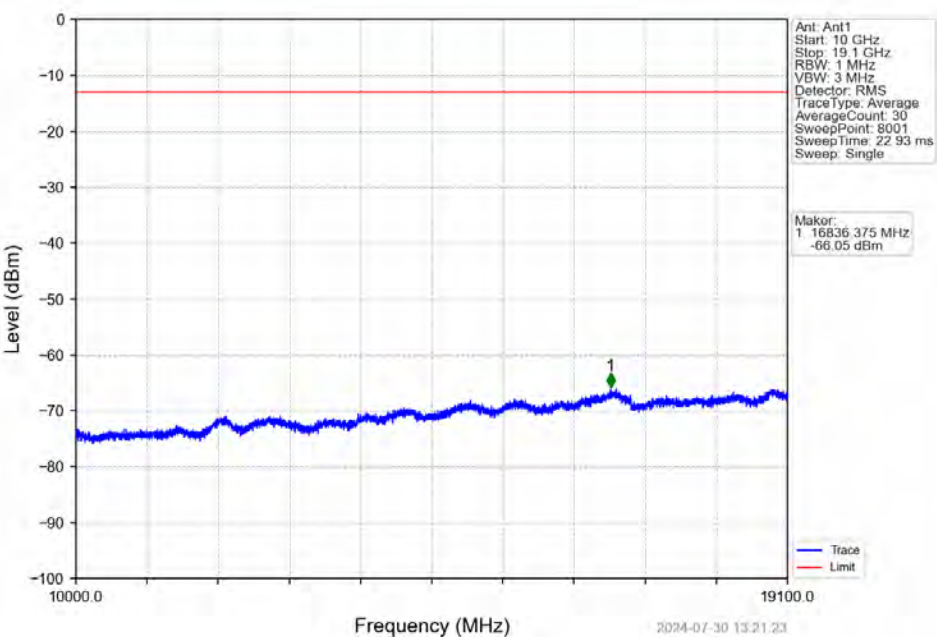


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835        | 1849       | 1         | CHP    | 1          | 1847.870   | -29.21      | -13         | Pass   |
| 1849        | 1850       | 0.15      | /      | 2          | 1849.910   | -35.44      | -13         | Pass   |
| 1850        | 1865       | 0.15      | /      | /          | /          | /           | /           | /      |

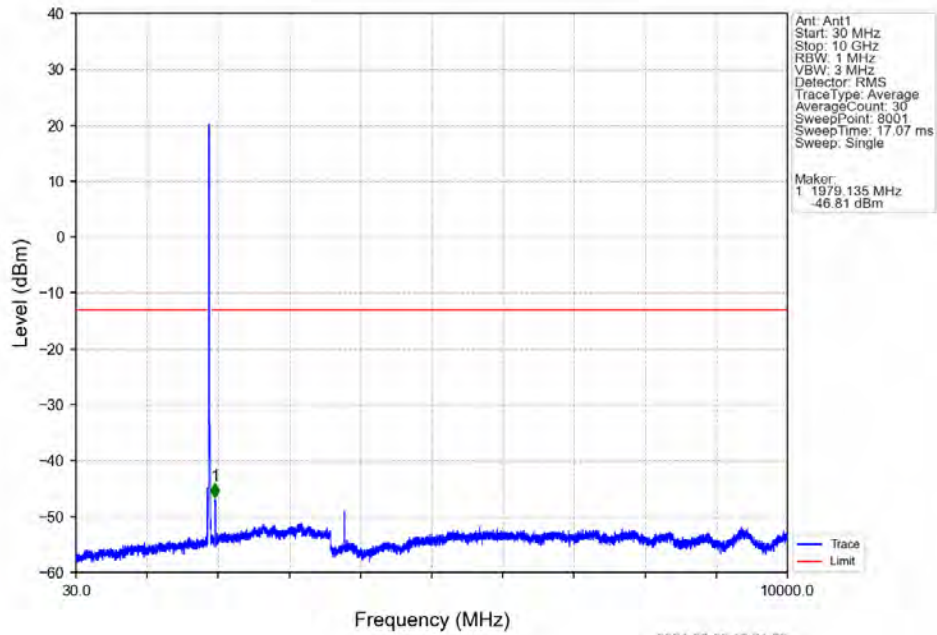
Band2 15MHz QPSK MCH 1880MHz RB 1 0 NTN



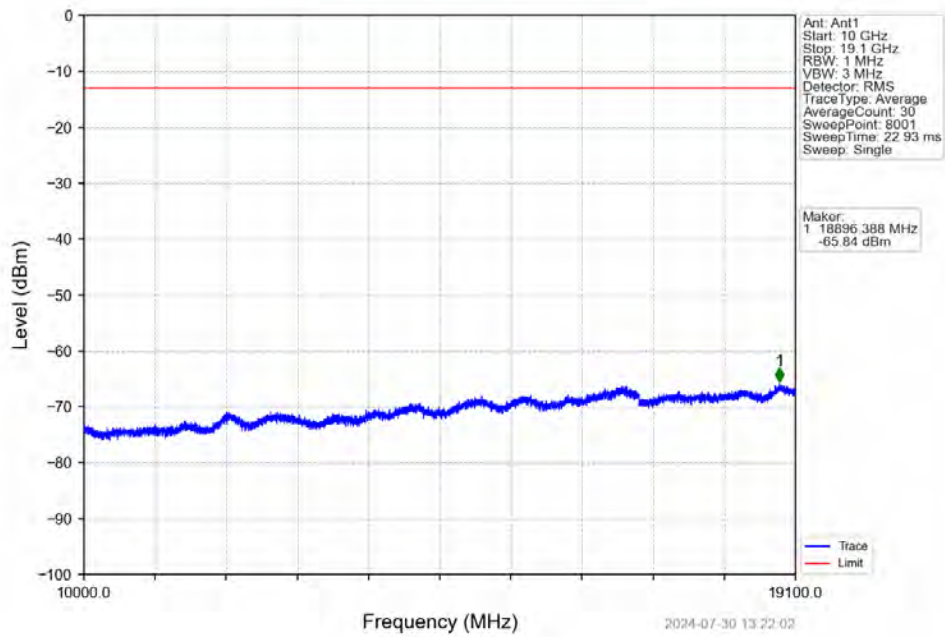
Band2 15MHz QPSK MCH 1880MHz RB 1 0 NTN



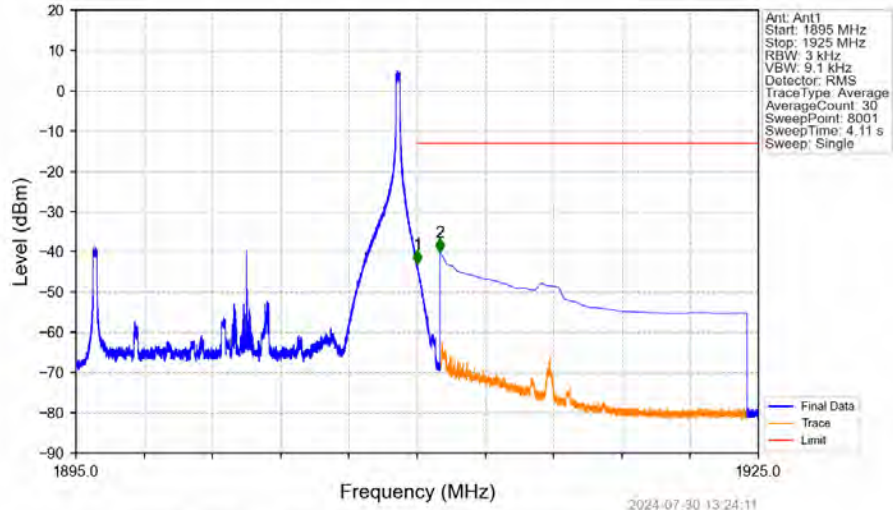
Band2 15MHz QPSK HCH 1902.5MHz RB 1 0 NTV



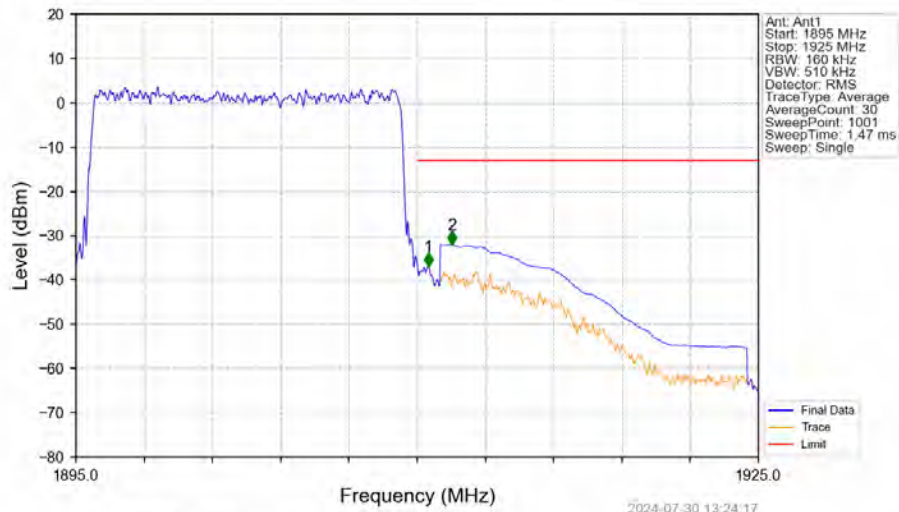
Band2 15MHz QPSK HCH 1902.5MHz RB 1 0 NTV



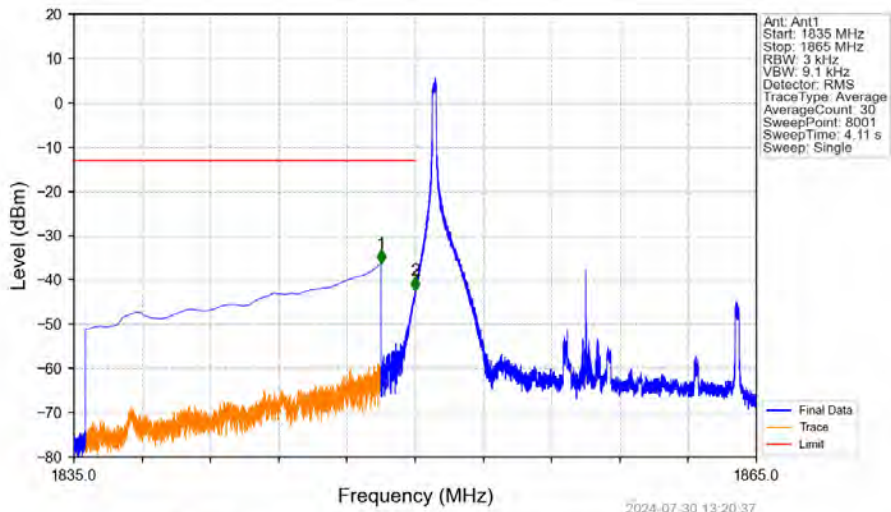
Band2 15MHz QPSK HCH 1902.5MHz RB 1 74 NTNV



Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV

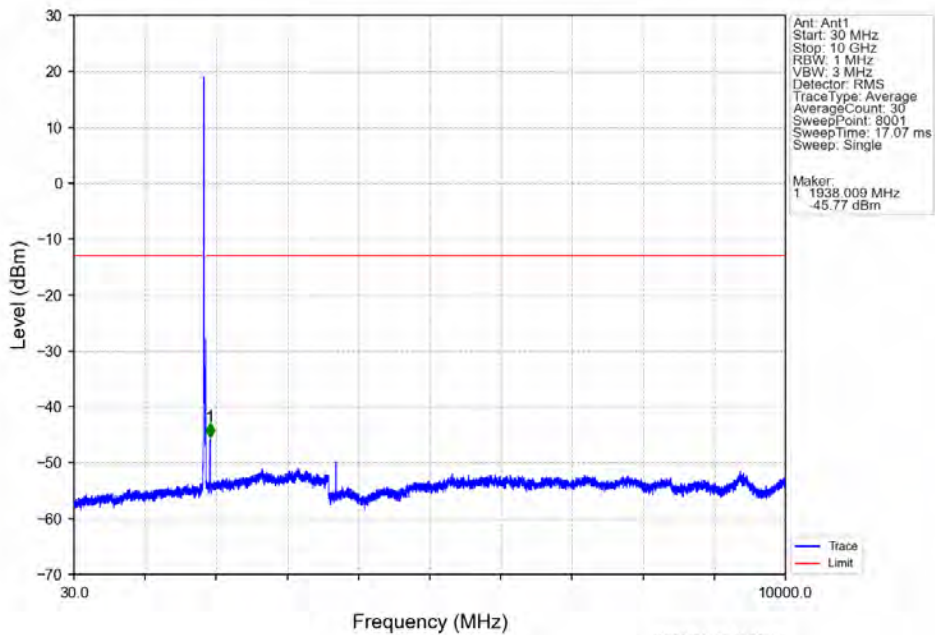


Band2 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



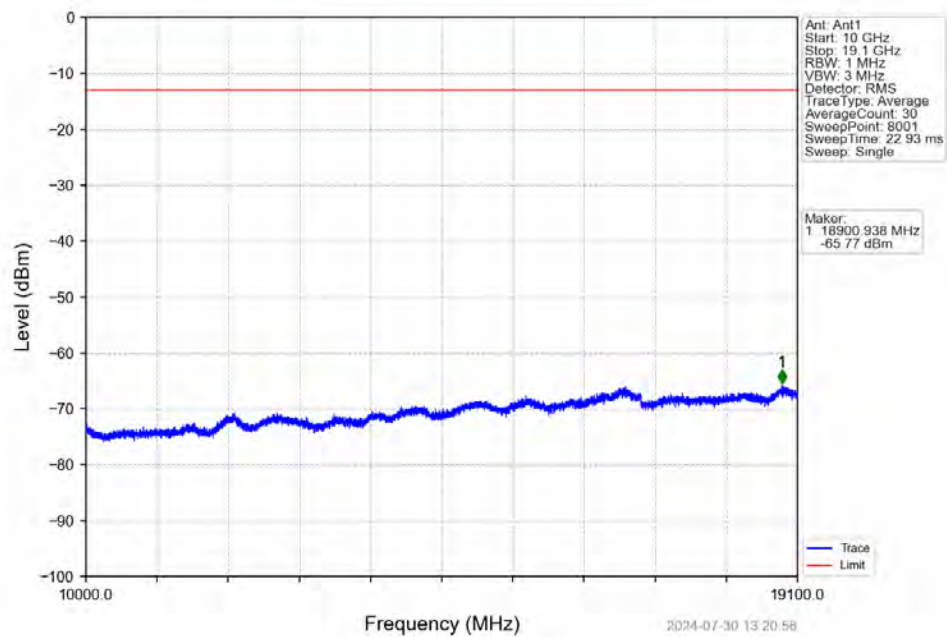
2024-07-30 13:20:37

Band2 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV

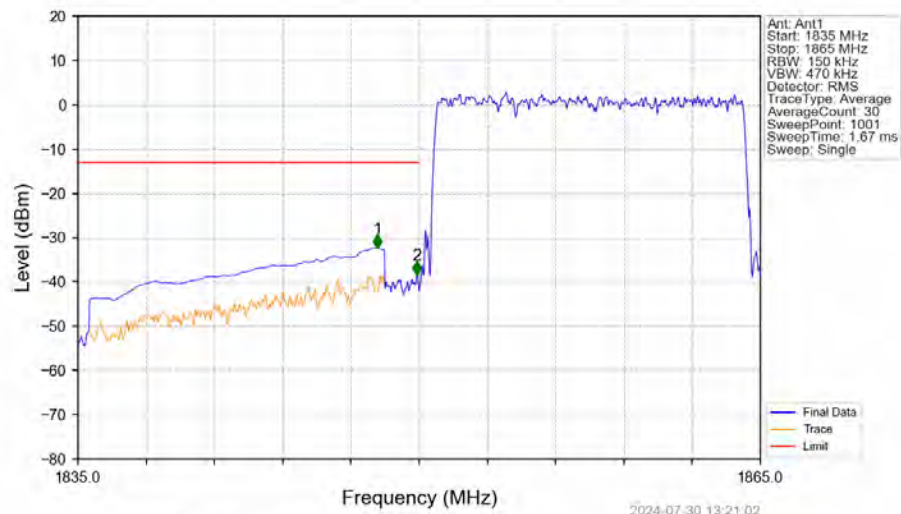


2024-07-30 13:20:46

Band2 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV

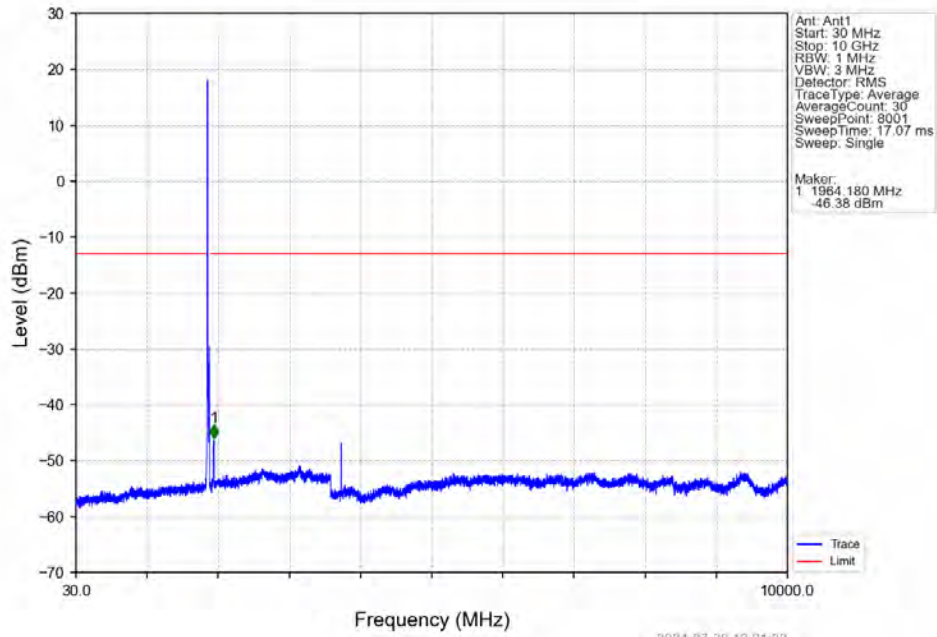


Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV

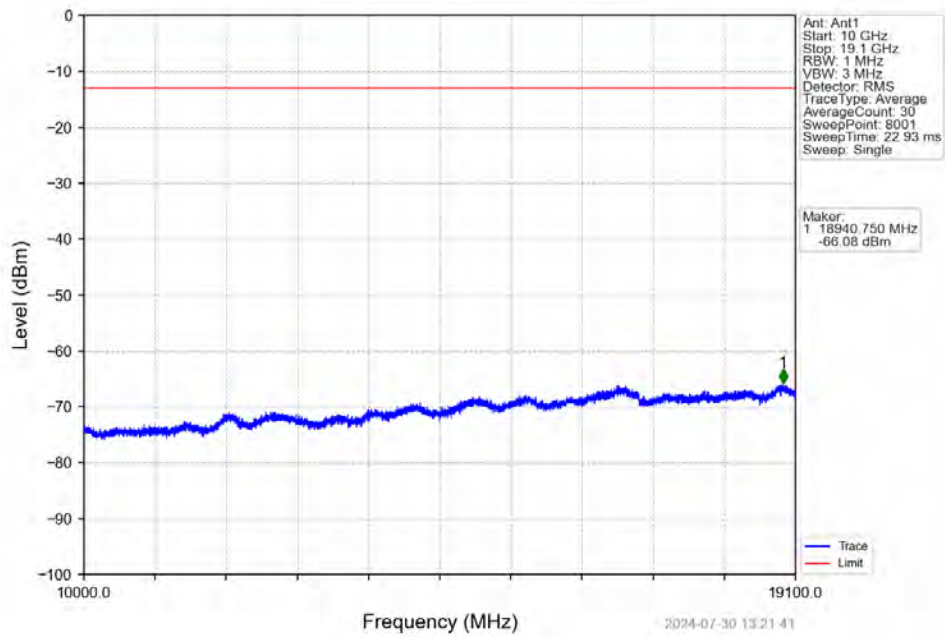


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835        | 1849       | 1         | CHP    | 1          | 1848.170   | -32.36      | -13         | Pass   |
| 1849        | 1850       | 0.15      | /      | 2          | 1849.910   | -38.49      | -13         | Pass   |
| 1850        | 1865       | 0.15      | /      | /          | /          | /           | /           | /      |

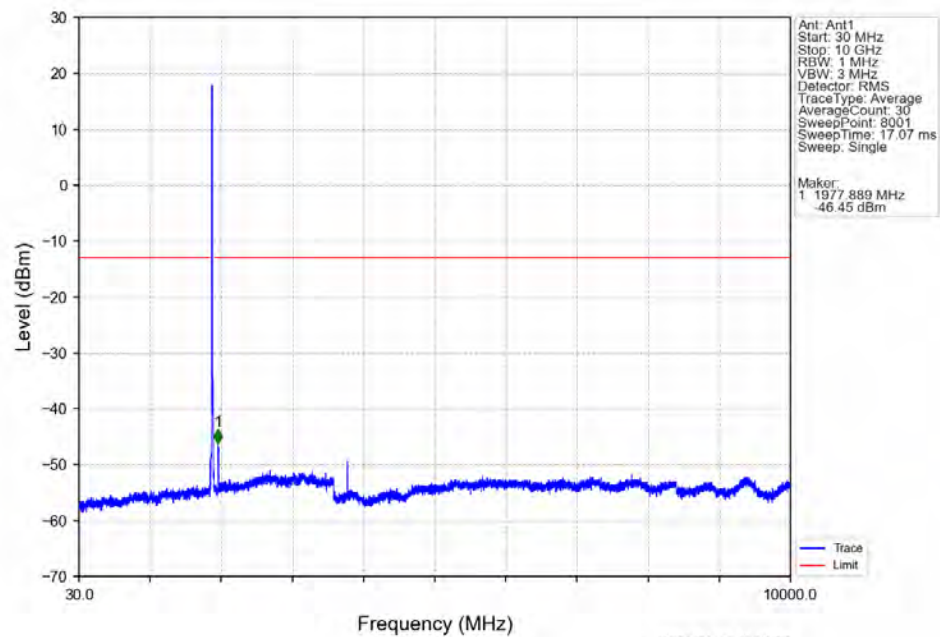
Band2 15MHz 16QAM MCH 1880MHz RB 1 0 NTNV



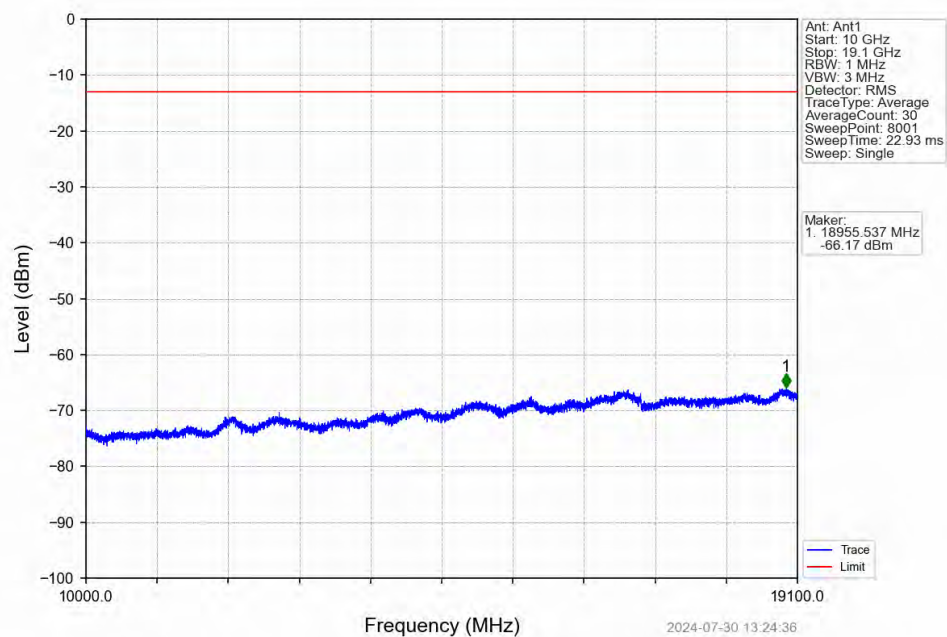
Band2 15MHz 16QAM MCH 1880MHz RB 1 0 NTNV



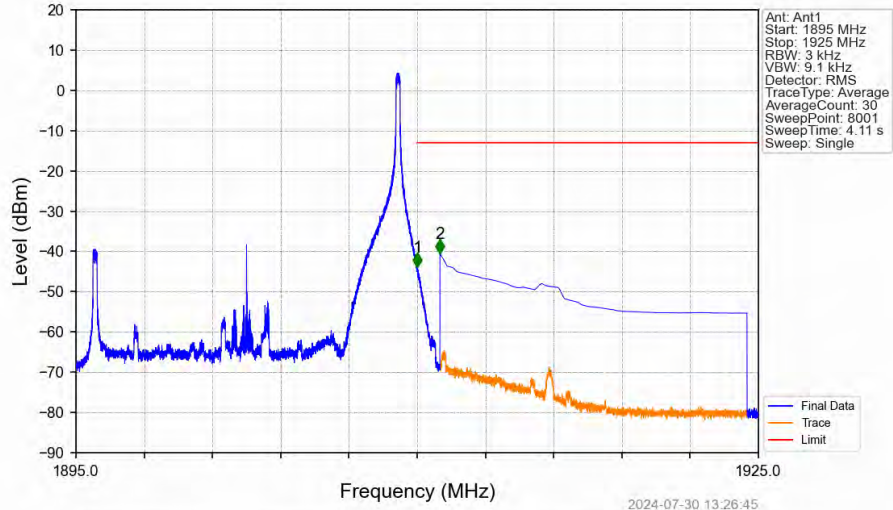
Band2 15MHz 16QAM HCH 1902.5MHz RB 1 0 NTNV



Band2 15MHz 16QAM HCH 1902.5MHz RB 1 0 NTNV

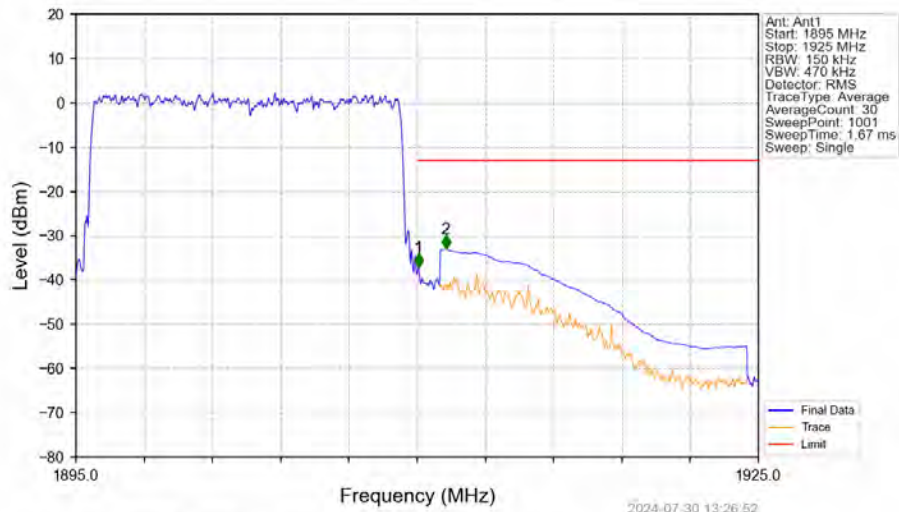


Band2 15MHz 16QAM HCH 1902.5MHz RB 1 74 NTNV



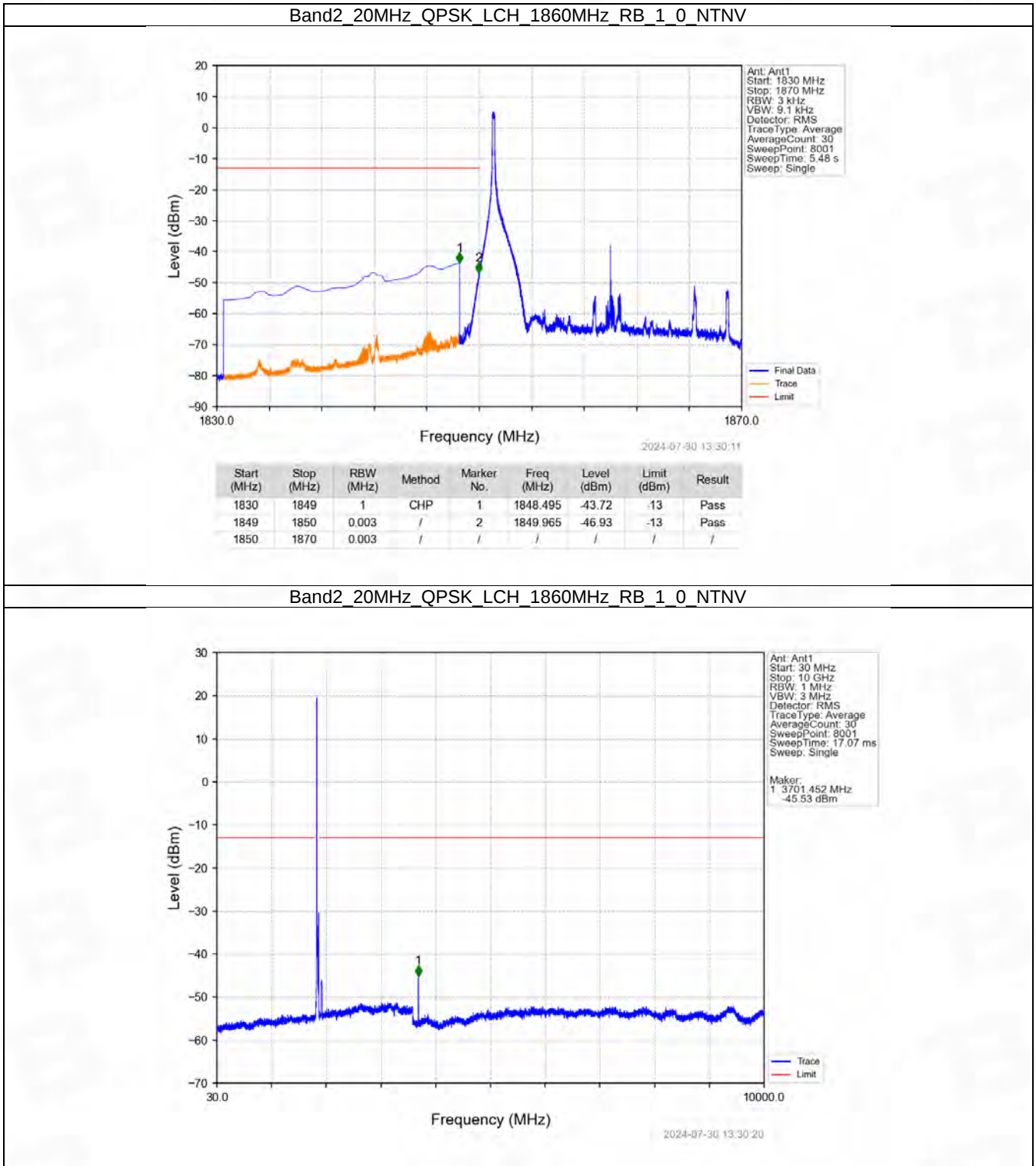
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.004   | -43.85      | -13         | Pass   |
| 1911        | 1925       | 1         | CHP    | 2          | 1911.001   | -40.52      | -13         | Pass   |

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

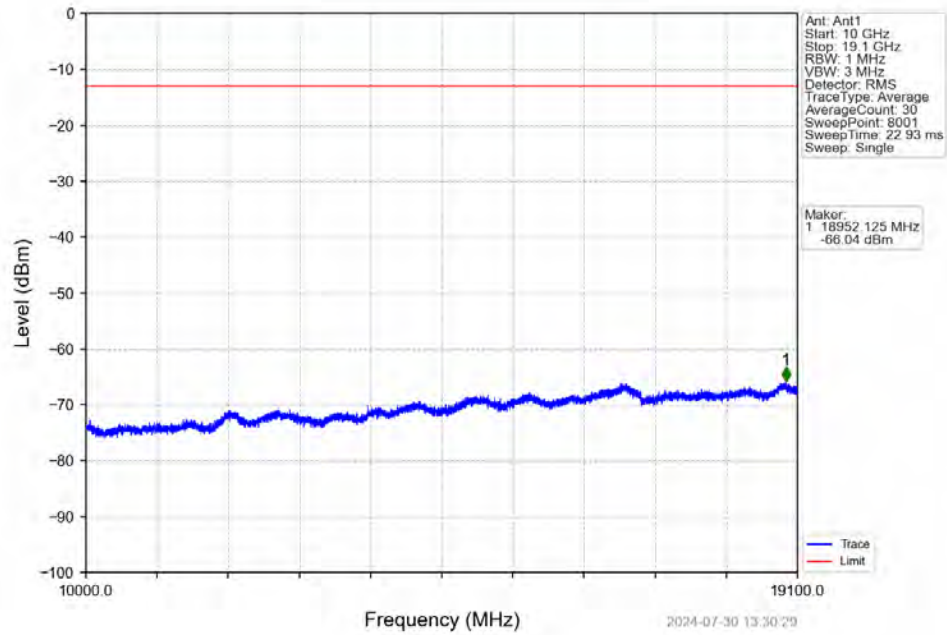


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1910       | 0.15      | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.15      | /      | 1          | 1910.060   | -37.09      | -13         | Pass   |
| 1911        | 1925       | 1         | CHP    | 2          | 1911.260   | -33.02      | -13         | Pass   |

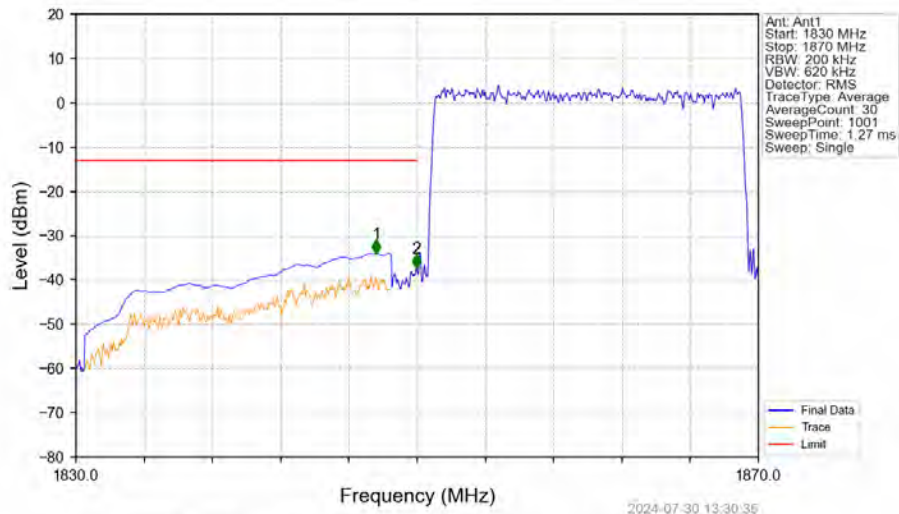
6.2.6 B2\_20MHz



Band2 20MHz QPSK LCH 1860MHz RB 1 0 NTN

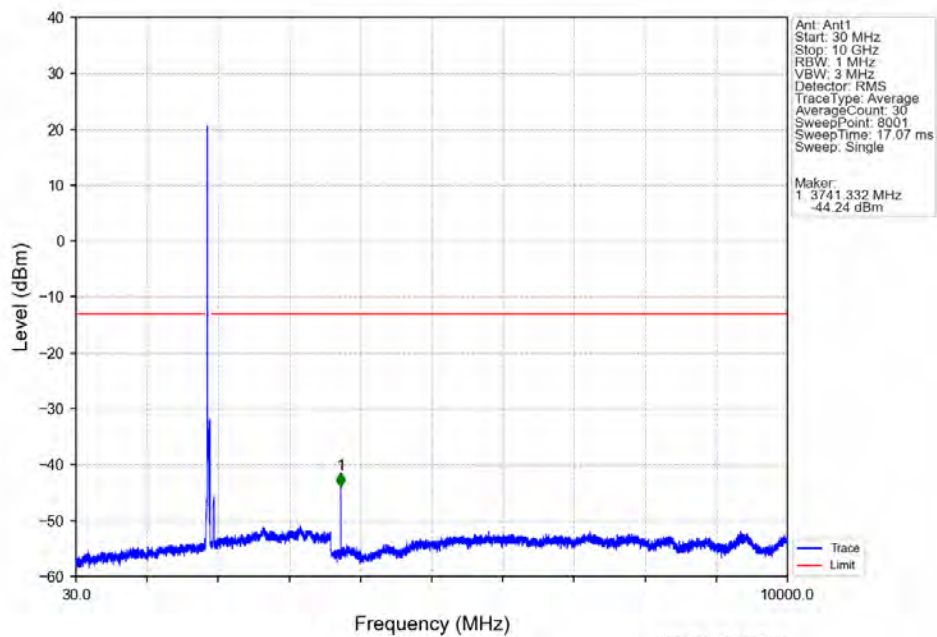


Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTN

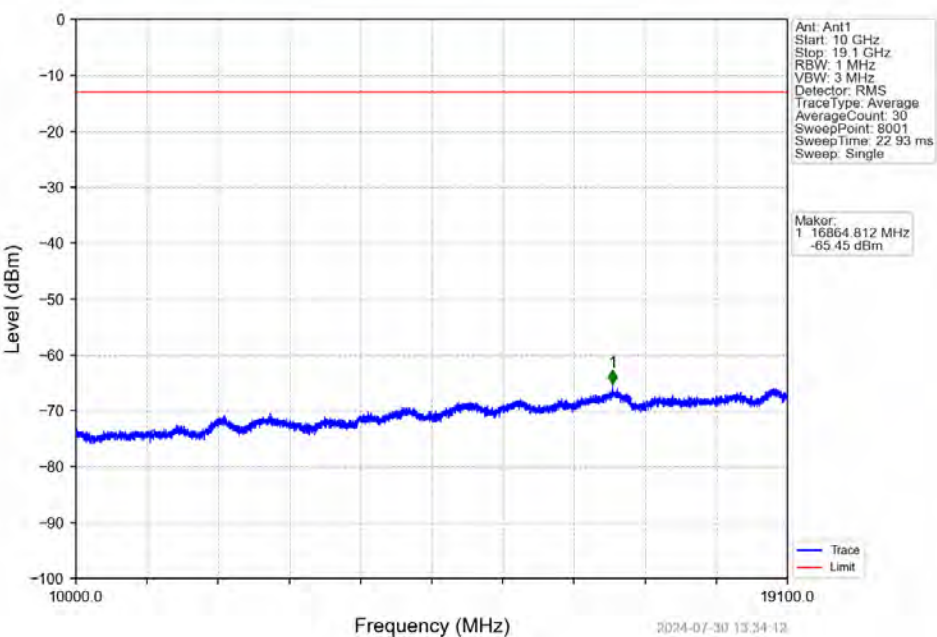


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830        | 1849       | 1         | CHP    | 1          | 1847.600   | -34.04      | -13         | Pass   |
| 1849        | 1850       | 0.2       | /      | 2          | 1849.960   | -37.33      | -13         | Pass   |
| 1850        | 1870       | 0.2       | /      | /          | /          | /           | /           | /      |

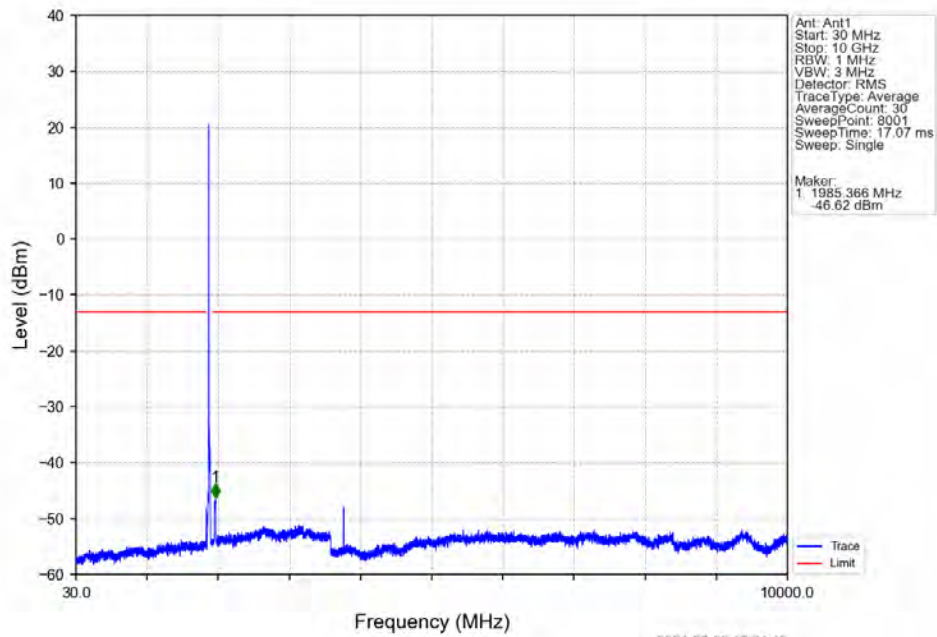
Band2 20MHz QPSK MCH 1880MHz RB 1 0 NTNV



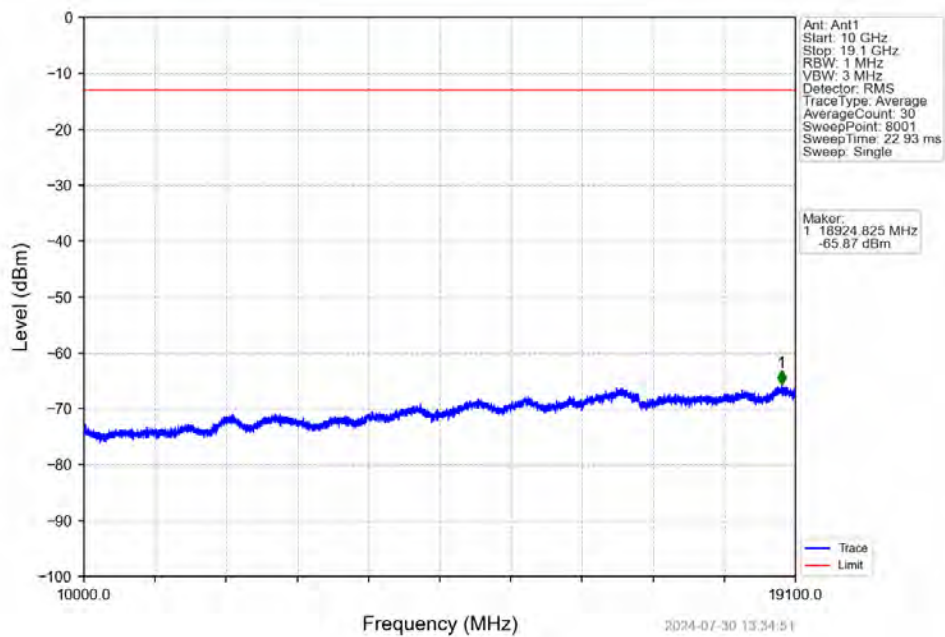
Band2 20MHz QPSK MCH 1880MHz RB 1 0 NTNV



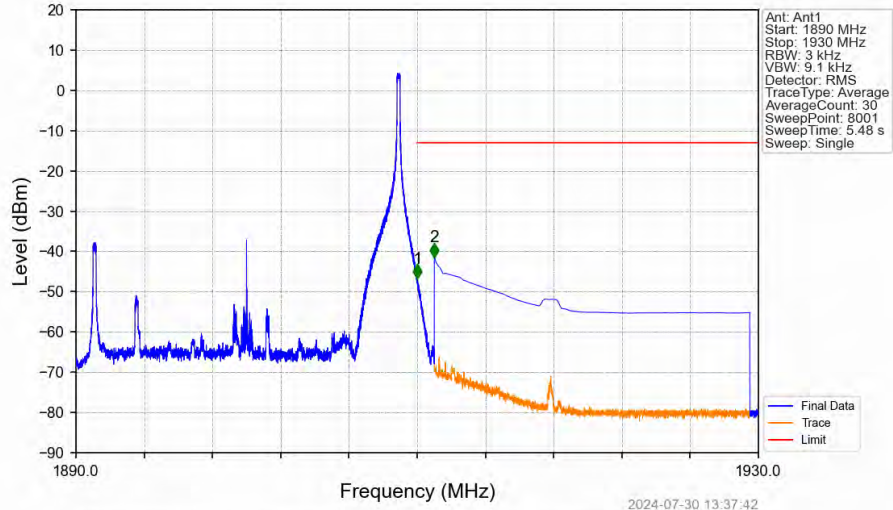
Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTNV



Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTNV

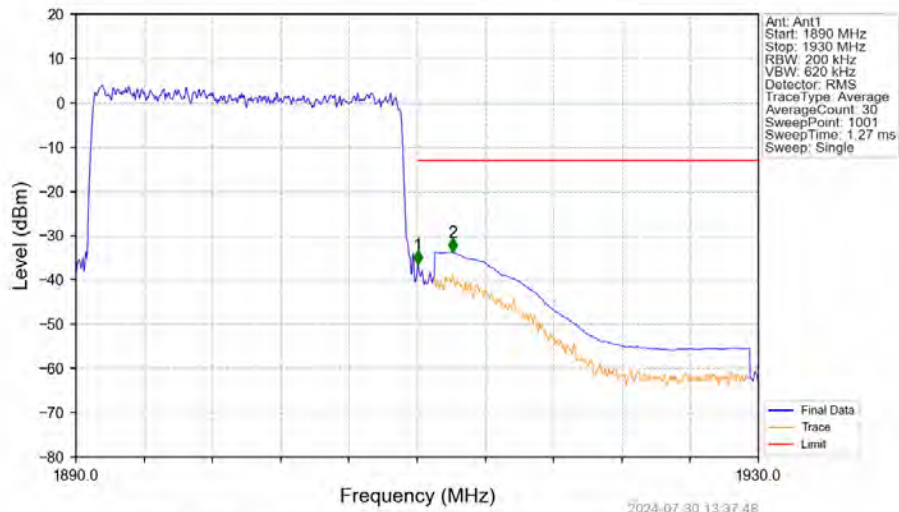


# Band2 20MHz QPSK HCH 1900MHz RB 1 99 NTNV



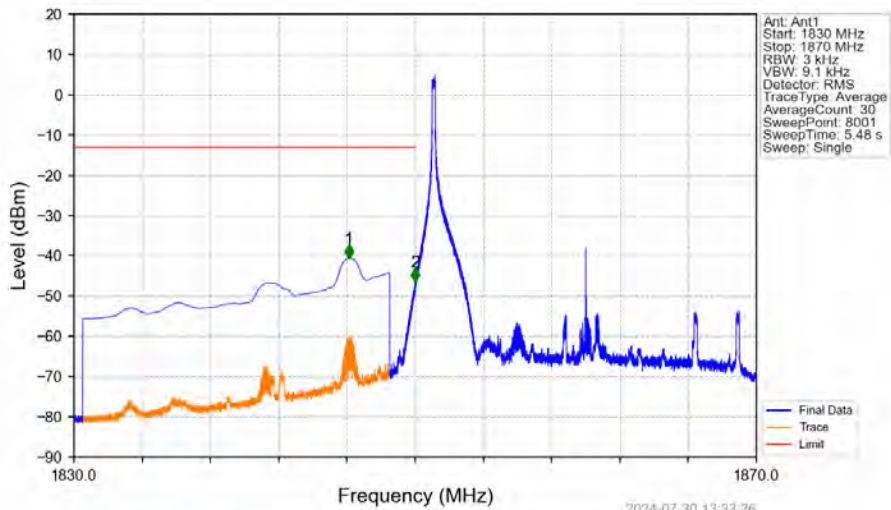
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.015   | -46.58      | -13         | Pass   |
| 1911        | 1930       | 1         | CHP    | 2          | 1911.005   | -41.35      | -13         | Pass   |

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

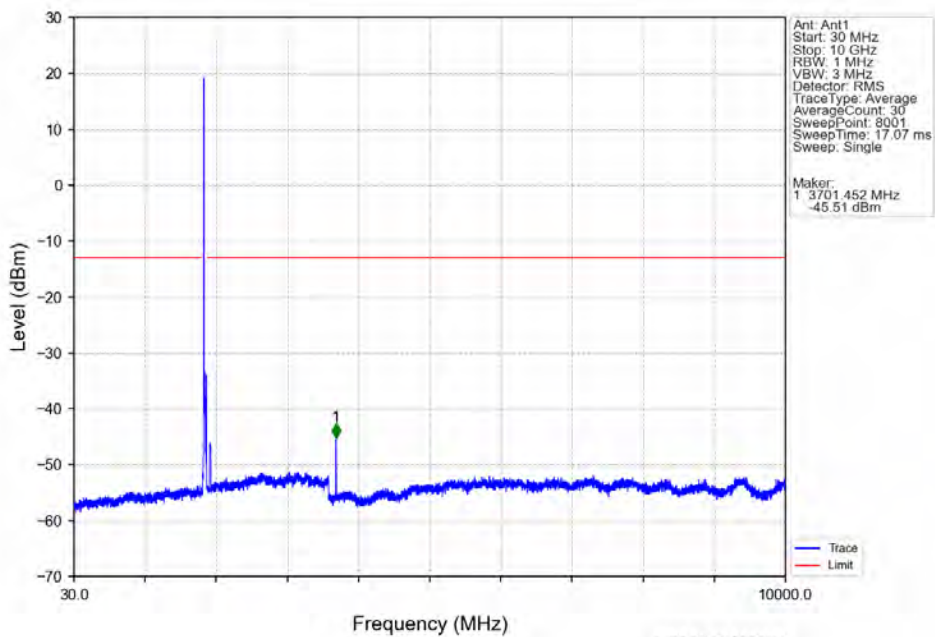


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.2       | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.2       | /      | 1          | 1910.040   | -36.36      | -13         | Pass   |
| 1911        | 1930       | 1         | CHP    | 2          | 1912.080   | -33.68      | -13         | Pass   |

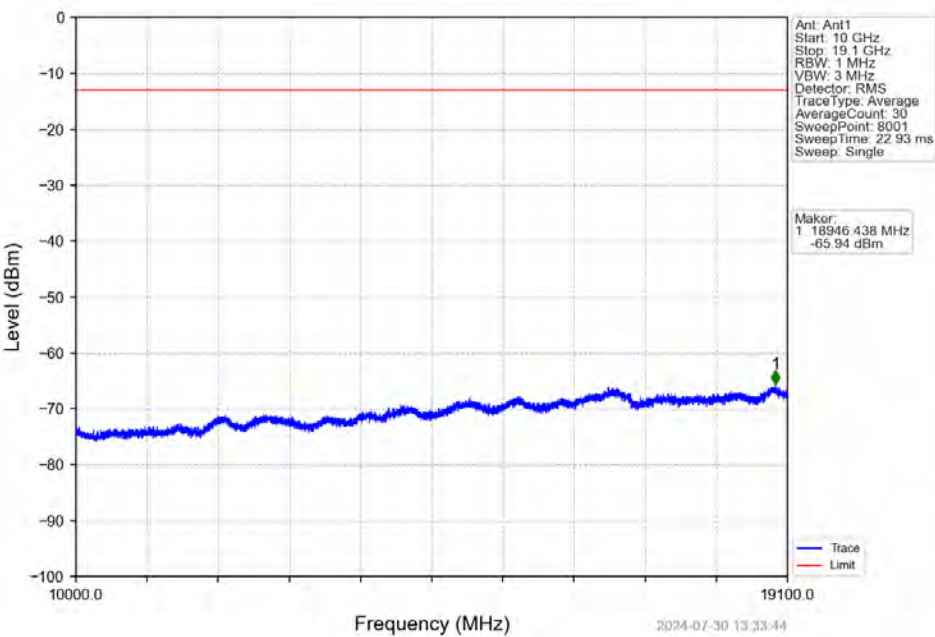
Band2 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



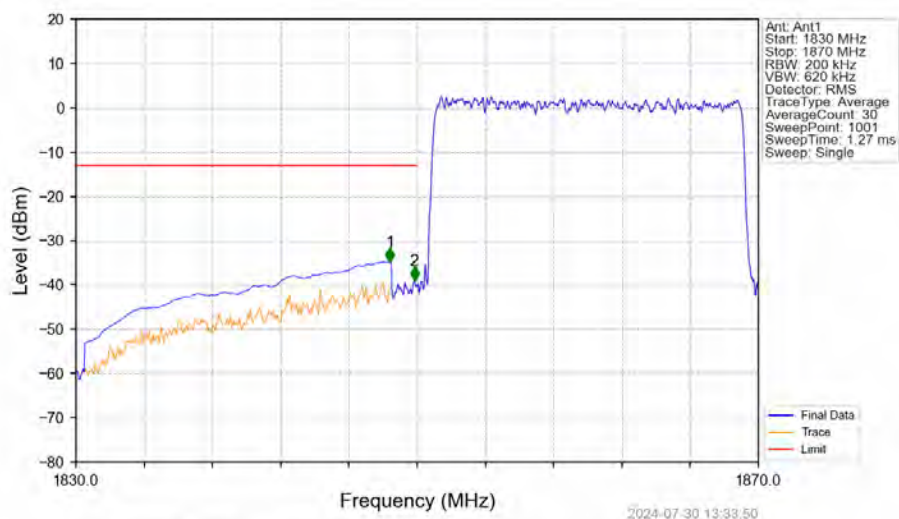
Band2 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



Band2 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV

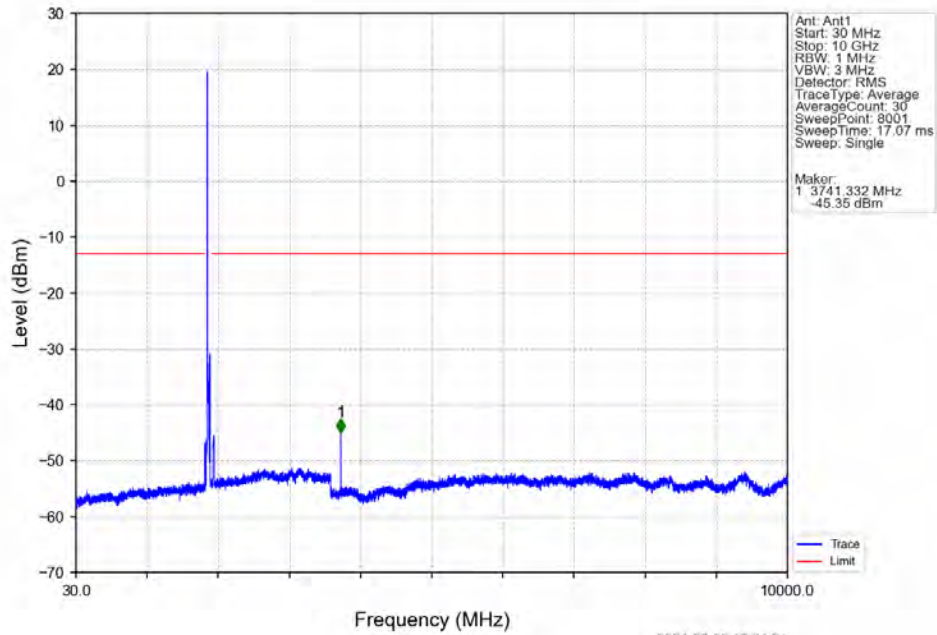


Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV

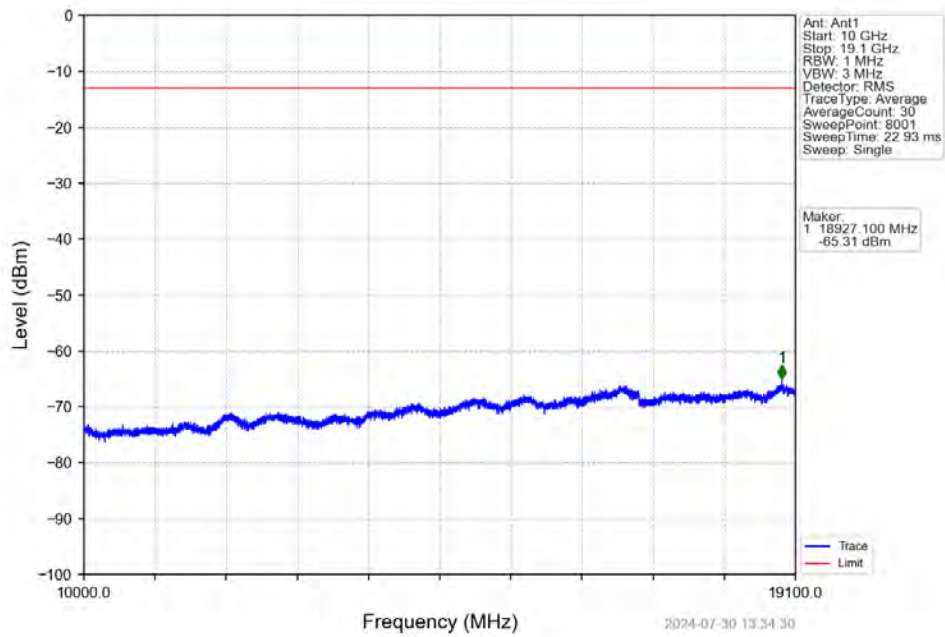


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830        | 1849       | 1         | CHP    | 1          | 1848.400   | -34.70      | -13         | Pass   |
| 1849        | 1850       | 0.2       | /      | 2          | 1849.840   | -38.88      | -13         | Pass   |
| 1850        | 1870       | 0.2       | /      | /          | /          | /           | /           | /      |

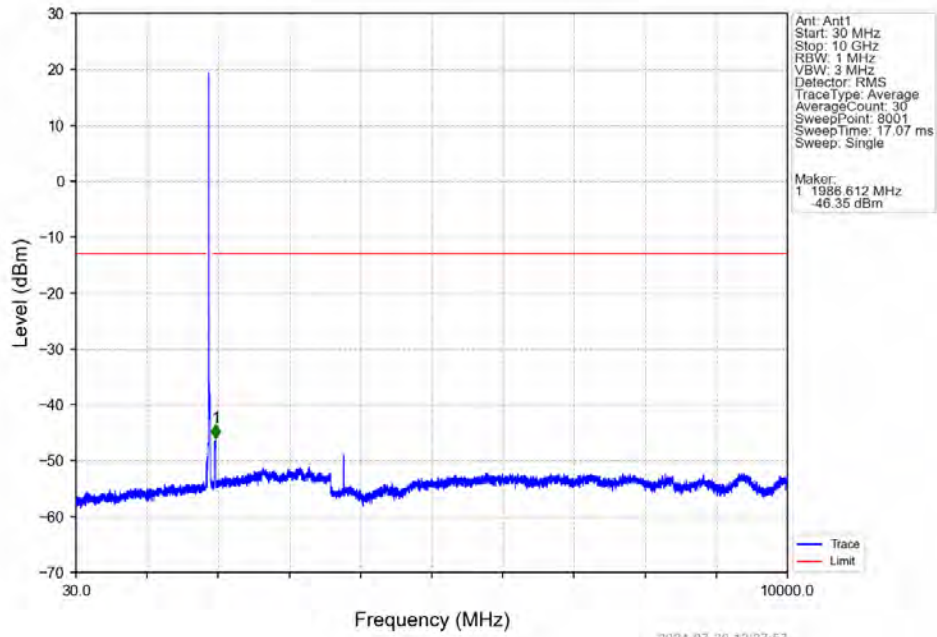
Band2 20MHz 16QAM MCH 1880MHz RB 1 0 NTNV



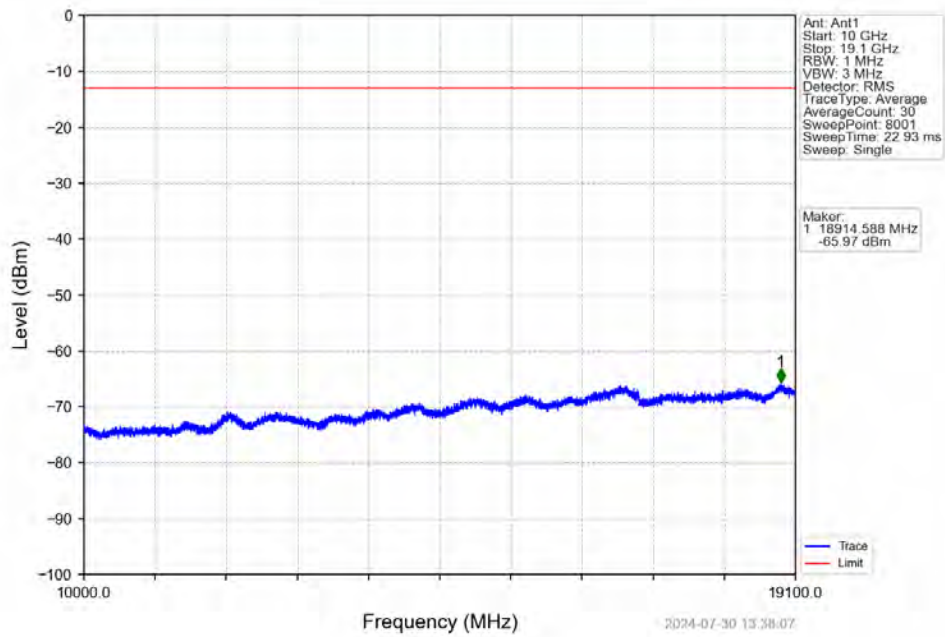
Band2 20MHz 16QAM MCH 1880MHz RB 1 0 NTNV



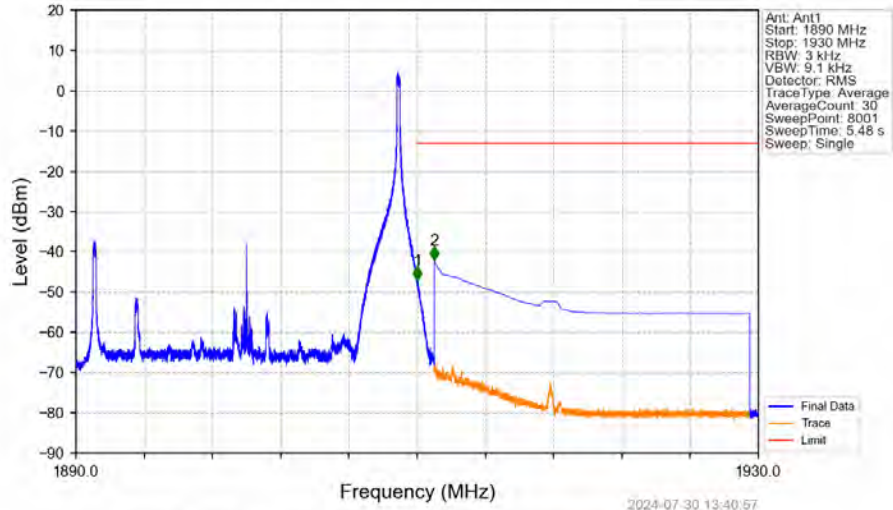
Band2 20MHz 16QAM HCH 1900MHz RB 1 0 NTNV



Band2 20MHz 16QAM HCH 1900MHz RB 1 0 NTNV

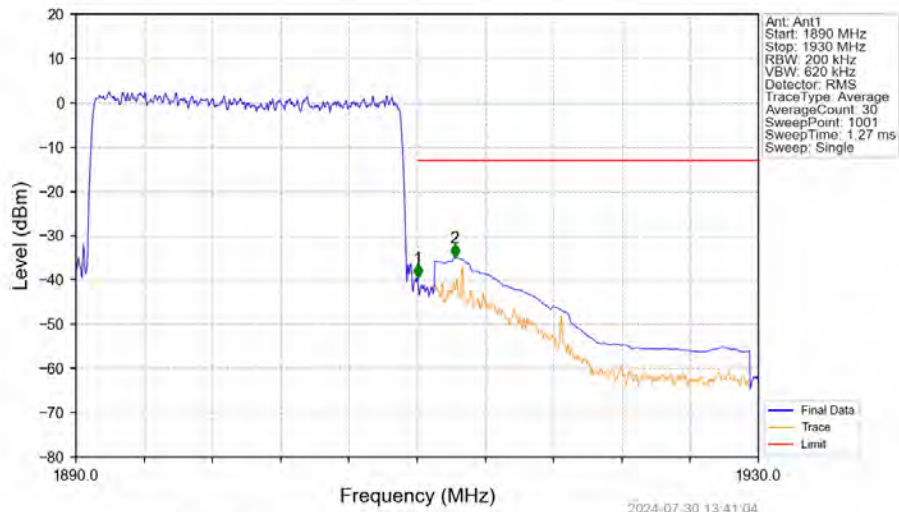


Band2 20MHz 16QAM HCH 1900MHz RB 1 99 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.005   | -46.98      | -13         | Pass   |
| 1911        | 1930       | 1         | CHP    | 2          | 1911.005   | -41.97      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.2       | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.2       | /      | 1          | 1910.040   | -39.55      | -13         | Pass   |
| 1911        | 1930       | 1         | CHP    | 2          | 1912.200   | -34.90      | -13         | Pass   |

## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1667        | 0.0812 | ppm    | 1M12G7D             | 24E        | 22.22           |
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1324        | 0.2144 | ppm    | 1M11W7D             | 24E        | 21.22           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1698        | 0.0076 | ppm    | 2M72G7D             | 24E        | 22.30           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1493        | 0.0078 | ppm    | 2M72W7D             | 24E        | 21.74           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1648        | 0.0082 | ppm    | 4M55G7D             | 24E        | 22.17           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1374        | 0.0097 | ppm    | 4M57W7D             | 24E        | 21.38           |
| 2    | 10  | 1855       | 1905      | 0.1687        | 0.0072 | ppm    | 9M08G7D             | 24E        | 22.27           |
| 2    | 10  | 1855       | 1905      | 0.1507        | 0.0062 | ppm    | 9M08W7D             | 24E        | 21.78           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1585        | 0.0061 | ppm    | 13M6G7D             | 24E        | 22.00           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1432        | 0.0068 | ppm    | 13M6W7D             | 24E        | 21.56           |
| 2    | 20  | 1860       | 1900      | 0.1641        | 0.0073 | ppm    | 18M2G7D             | 24E        | 22.15           |
| 2    | 20  | 1860       | 1900      | 0.1455        | 0.0063 | ppm    | 18M2W7D             | 24E        | 21.63           |

#### 7.1.2 Form731\_EIRP

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1730        | 0.0812 | ppm    | 1M12G7D             | 24E        | 22.38           |
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1374        | 0.2144 | ppm    | 1M11W7D             | 24E        | 21.38           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1762        | 0.0076 | ppm    | 2M72G7D             | 24E        | 22.46           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1549        | 0.0078 | ppm    | 2M72W7D             | 24E        | 21.90           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1710        | 0.0082 | ppm    | 4M55G7D             | 24E        | 22.33           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1426        | 0.0097 | ppm    | 4M57W7D             | 24E        | 21.54           |
| 2    | 10  | 1855       | 1905      | 0.1750        | 0.0072 | ppm    | 9M08G7D             | 24E        | 22.43           |
| 2    | 10  | 1855       | 1905      | 0.1563        | 0.0062 | ppm    | 9M08W7D             | 24E        | 21.94           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1644        | 0.0061 | ppm    | 13M6G7D             | 24E        | 22.16           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1486        | 0.0068 | ppm    | 13M6W7D             | 24E        | 21.72           |
| 2    | 20  | 1860       | 1900      | 0.1702        | 0.0073 | ppm    | 18M2G7D             | 24E        | 22.31           |
| 2    | 20  | 1860       | 1900      | 0.1510        | 0.0063 | ppm    | 18M2W7D             | 24E        | 21.79           |