

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

### 1.1 Test Result

#### 1.1.1 B5\_1.4MHz\_ERP

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 824.7           | 1             | 0      | 24.05                 | -2.40      | 19.50     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.04                 | -2.40      | 19.49     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.96                 | -2.40      | 19.41     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.06                 | -2.40      | 19.51     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.99                 | -2.40      | 19.44     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 23.96                 | -2.40      | 19.41     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.01                 | -2.40      | 18.46     | <=38.45 | Pass    |
|                                    | 836.5           | 1             | 0      | 24.05                 | -2.40      | 19.50     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.95                 | -2.40      | 19.40     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.00                 | -2.40      | 19.45     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 23.92                 | -2.40      | 19.37     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.94                 | -2.40      | 19.39     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.00                 | -2.40      | 19.45     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.91                 | -2.40      | 18.36     | <=38.45 | Pass    |
|                                    | 848.3           | 1             | 0      | 23.93                 | -2.40      | 19.38     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.90                 | -2.40      | 19.35     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.96                 | -2.40      | 19.41     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.00                 | -2.40      | 19.45     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.94                 | -2.40      | 19.39     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.01                 | -2.40      | 19.46     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.01                 | -2.40      | 18.46     | <=38.45 | Pass    |
| 16QAM                              | 824.7           | 1             | 0      | 22.54                 | -2.40      | 17.99     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.56                 | -2.40      | 18.01     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 22.49                 | -2.40      | 17.94     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 22.78                 | -2.40      | 18.23     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.80                 | -2.40      | 18.25     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 22.78                 | -2.40      | 18.23     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.03                 | -2.40      | 17.48     | <=38.45 | Pass    |
|                                    | 836.5           | 1             | 0      | 22.47                 | -2.40      | 17.92     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.41                 | -2.40      | 17.86     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 22.48                 | -2.40      | 17.93     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 22.71                 | -2.40      | 18.16     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.68                 | -2.40      | 18.13     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 22.72                 | -2.40      | 18.17     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.09                 | -2.40      | 17.54     | <=38.45 | Pass    |
|                                    | 848.3           | 1             | 0      | 23.58                 | -2.40      | 19.03     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.60                 | -2.40      | 19.05     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.64                 | -2.40      | 19.09     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 22.87                 | -2.40      | 18.32     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.90                 | -2.40      | 18.35     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 22.98                 | -2.40      | 18.43     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.19                 | -2.40      | 17.64     | <=38.45 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

#### 1.1.2 B5\_3MHz\_ERP

| Band: 5 / Bandwidth: 3MHz / NTNV |  |  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|--|--|
|----------------------------------|--|--|--|--|--|--|--|--|

| Modulation | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
|            |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK       | 825.5           | 1             | 0      | 23.99                 | -2.40      | 19.44     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.91                 | -2.40      | 19.36     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.95                 | -2.40      | 19.40     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 23.06                 | -2.40      | 18.51     | <=38.45 | Pass    |
|            |                 |               | 4      | 23.05                 | -2.40      | 18.50     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.06                 | -2.40      | 18.51     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.96                 | -2.40      | 18.41     | <=38.45 | Pass    |
|            | 836.5           | 1             | 0      | 23.85                 | -2.40      | 19.30     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.85                 | -2.40      | 19.30     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.84                 | -2.40      | 19.29     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.89                 | -2.40      | 18.34     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.89                 | -2.40      | 18.34     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.96                 | -2.40      | 18.41     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 23.02                 | -2.40      | 18.47     | <=38.45 | Pass    |
|            | 847.5           | 1             | 0      | 23.95                 | -2.40      | 19.40     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.91                 | -2.40      | 19.36     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.88                 | -2.40      | 19.33     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.95                 | -2.40      | 18.40     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.96                 | -2.40      | 18.41     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.04                 | -2.40      | 18.49     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.93                 | -2.40      | 18.38     | <=38.45 | Pass    |
| 16QAM      | 825.5           | 1             | 0      | 22.67                 | -2.40      | 18.12     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.66                 | -2.40      | 18.11     | <=38.45 | Pass    |
|            |                 |               | 14     | 22.70                 | -2.40      | 18.15     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.11                 | -2.40      | 17.56     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.14                 | -2.40      | 17.59     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.16                 | -2.40      | 17.61     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 21.93                 | -2.40      | 17.38     | <=38.45 | Pass    |
|            | 836.5           | 1             | 0      | 23.65                 | -2.40      | 19.10     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.66                 | -2.40      | 19.11     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.63                 | -2.40      | 19.08     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.01                 | -2.40      | 17.46     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.12                 | -2.40      | 17.57     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.16                 | -2.40      | 17.61     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.08                 | -2.40      | 17.53     | <=38.45 | Pass    |
|            | 847.5           | 1             | 0      | 23.19                 | -2.40      | 18.64     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.18                 | -2.40      | 18.63     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.29                 | -2.40      | 18.74     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.26                 | -2.40      | 17.71     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.29                 | -2.40      | 17.74     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.22                 | -2.40      | 17.67     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.06                 | -2.40      | 17.51     | <=38.45 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.3 B5\_5MHz\_ERP

| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |           |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                             | 826.5           | 1             | 0      | 23.98                 | -2.40      | 19.43     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.82                 | -2.40      | 19.27     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.80                 | -2.40      | 19.25     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 23.02                 | -2.40      | 18.47     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.12                 | -2.40      | 18.57     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.06                 | -2.40      | 18.51     | <=38.45 | Pass    |
|                                  |                 |               |        |                       |            |           |         |         |

|       |       |       |       |       |         |         |         |         |      |
|-------|-------|-------|-------|-------|---------|---------|---------|---------|------|
| 16QAM | 836.5 | 25    | 0     | 23.12 | -2.40   | 18.57   | <=38.45 | Pass    |      |
|       |       | 1     | 0     | 24.04 | -2.40   | 19.49   | <=38.45 | Pass    |      |
|       |       |       | 13    | 24.02 | -2.40   | 19.47   | <=38.45 | Pass    |      |
|       |       |       | 24    | 24.08 | -2.40   | 19.53   | <=38.45 | Pass    |      |
|       |       |       | 12    | 0     | 23.00   | -2.40   | 18.45   | <=38.45 | Pass |
|       |       | 6     |       | 22.89 | -2.40   | 18.34   | <=38.45 | Pass    |      |
|       |       | 13    |       | 22.97 | -2.40   | 18.42   | <=38.45 | Pass    |      |
|       |       | 25    | 0     | 22.89 | -2.40   | 18.34   | <=38.45 | Pass    |      |
|       |       | 846.5 | 1     | 0     | 23.82   | -2.40   | 19.27   | <=38.45 | Pass |
|       |       |       |       | 13    | 23.80   | -2.40   | 19.25   | <=38.45 | Pass |
|       | 24    |       |       | 23.74 | -2.40   | 19.19   | <=38.45 | Pass    |      |
|       | 12    |       | 0     | 23.00 | -2.40   | 18.45   | <=38.45 | Pass    |      |
|       |       |       | 6     | 22.84 | -2.40   | 18.29   | <=38.45 | Pass    |      |
|       |       |       | 13    | 22.82 | -2.40   | 18.27   | <=38.45 | Pass    |      |
|       | 25    | 0     | 22.84 | -2.40 | 18.29   | <=38.45 | Pass    |         |      |
|       | 826.5 | 1     | 0     | 23.03 | -2.40   | 18.48   | <=38.45 | Pass    |      |
| 13    |       |       | 23.09 | -2.40 | 18.54   | <=38.45 | Pass    |         |      |
| 24    |       |       | 23.00 | -2.40 | 18.45   | <=38.45 | Pass    |         |      |
| 12    |       |       | 0     | 21.96 | -2.40   | 17.41   | <=38.45 | Pass    |      |
|       |       |       | 6     | 21.92 | -2.40   | 17.37   | <=38.45 | Pass    |      |
|       |       |       | 13    | 21.94 | -2.40   | 17.39   | <=38.45 | Pass    |      |
| 25    |       | 0     | 22.03 | -2.40 | 17.48   | <=38.45 | Pass    |         |      |
| 836.5 |       | 1     | 0     | 23.05 | -2.40   | 18.50   | <=38.45 | Pass    |      |
|       |       |       | 13    | 23.04 | -2.40   | 18.49   | <=38.45 | Pass    |      |
|       |       |       | 24    | 23.06 | -2.40   | 18.51   | <=38.45 | Pass    |      |
|       |       | 12    | 0     | 21.99 | -2.40   | 17.44   | <=38.45 | Pass    |      |
|       |       |       | 6     | 22.08 | -2.40   | 17.53   | <=38.45 | Pass    |      |
|       |       |       | 13    | 22.05 | -2.40   | 17.50   | <=38.45 | Pass    |      |
| 25    |       | 0     | 22.08 | -2.40 | 17.53   | <=38.45 | Pass    |         |      |
| 846.5 |       | 1     | 0     | 22.14 | -2.40   | 17.59   | <=38.45 | Pass    |      |
|       |       |       | 13    | 22.09 | -2.40   | 17.54   | <=38.45 | Pass    |      |
|       |       |       | 24    | 22.12 | -2.40   | 17.57   | <=38.45 | Pass    |      |
|       |       | 12    | 0     | 22.03 | -2.40   | 17.48   | <=38.45 | Pass    |      |
|       |       |       | 6     | 21.96 | -2.40   | 17.41   | <=38.45 | Pass    |      |
|       |       |       | 13    | 21.90 | -2.40   | 17.35   | <=38.45 | Pass    |      |
| 25    | 0     | 22.06 | -2.40 | 17.51 | <=38.45 | Pass    |         |         |      |

Note1: ERP=Conducted Power+Antenna Gain-2.15

Note1: ERP=Conducted Power+Antenna Gain-2.15

#### 1.1.4 B5\_10MHz\_ERP

| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 829             | 1             | 0      | 24.02                 | -2.40      | 19.47     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.96                 | -2.40      | 19.41     | <=38.45 | Pass    |
|                                   |                 |               | 49     | 23.94                 | -2.40      | 19.39     | <=38.45 | Pass    |
|                                   |                 | 25            | 0      | 22.96                 | -2.40      | 18.41     | <=38.45 | Pass    |
|                                   |                 |               | 13     | 22.87                 | -2.40      | 18.32     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 22.89                 | -2.40      | 18.34     | <=38.45 | Pass    |
|                                   |                 | 50            | 0      | 22.83                 | -2.40      | 18.28     | <=38.45 | Pass    |
|                                   | 836.5           | 1             | 0      | 23.80                 | -2.40      | 19.25     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.89                 | -2.40      | 19.34     | <=38.45 | Pass    |
|                                   |                 |               | 49     | 23.86                 | -2.40      | 19.31     | <=38.45 | Pass    |
|                                   |                 | 25            | 0      | 22.85                 | -2.40      | 18.30     | <=38.45 | Pass    |
|                                   |                 |               | 13     | 22.87                 | -2.40      | 18.32     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.02                 | -2.40      | 18.47     | <=38.45 | Pass    |
|                                   |                 | 50            | 0      | 22.88                 | -2.40      | 18.33     | <=38.45 | Pass    |

|       |       |    |    |       |       |       |         |      |
|-------|-------|----|----|-------|-------|-------|---------|------|
| 16QAM | 844   | 1  | 0  | 23.98 | -2.40 | 19.43 | <=38.45 | Pass |
|       |       |    | 25 | 23.93 | -2.40 | 19.38 | <=38.45 | Pass |
|       |       |    | 49 | 23.86 | -2.40 | 19.31 | <=38.45 | Pass |
|       |       | 25 | 0  | 23.03 | -2.40 | 18.48 | <=38.45 | Pass |
|       |       |    | 13 | 22.85 | -2.40 | 18.30 | <=38.45 | Pass |
|       |       |    | 25 | 22.94 | -2.40 | 18.39 | <=38.45 | Pass |
|       |       | 50 | 0  | 22.90 | -2.40 | 18.35 | <=38.45 | Pass |
|       | 829   | 1  | 0  | 22.43 | -2.40 | 17.88 | <=38.45 | Pass |
|       |       |    | 25 | 22.38 | -2.40 | 17.83 | <=38.45 | Pass |
|       |       |    | 49 | 22.42 | -2.40 | 17.87 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.01 | -2.40 | 17.46 | <=38.45 | Pass |
|       |       |    | 13 | 22.18 | -2.40 | 17.63 | <=38.45 | Pass |
|       |       |    | 25 | 22.10 | -2.40 | 17.55 | <=38.45 | Pass |
|       |       | 50 | 0  | 21.98 | -2.40 | 17.43 | <=38.45 | Pass |
|       | 836.5 | 1  | 0  | 23.71 | -2.40 | 19.16 | <=38.45 | Pass |
|       |       |    | 25 | 23.59 | -2.40 | 19.04 | <=38.45 | Pass |
|       |       |    | 49 | 23.54 | -2.40 | 18.99 | <=38.45 | Pass |
|       |       | 25 | 0  | 21.94 | -2.40 | 17.39 | <=38.45 | Pass |
|       |       |    | 13 | 22.13 | -2.40 | 17.58 | <=38.45 | Pass |
|       |       |    | 25 | 22.04 | -2.40 | 17.49 | <=38.45 | Pass |
|       |       | 50 | 0  | 22.12 | -2.40 | 17.57 | <=38.45 | Pass |
|       | 844   | 1  | 0  | 23.08 | -2.40 | 18.53 | <=38.45 | Pass |
|       |       |    | 25 | 23.08 | -2.40 | 18.53 | <=38.45 | Pass |
|       |       |    | 49 | 23.15 | -2.40 | 18.60 | <=38.45 | Pass |
|       |       | 25 | 0  | 21.92 | -2.40 | 17.37 | <=38.45 | Pass |
|       |       |    | 13 | 22.01 | -2.40 | 17.46 | <=38.45 | Pass |
|       |       |    | 25 | 21.98 | -2.40 | 17.43 | <=38.45 | Pass |
|       |       | 50 | 0  | 22.03 | -2.40 | 17.48 | <=38.45 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B5\_1.4MHz

| Band: 5 / 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                        | 824.7           | 6             | 0      | 20         | 3.27          | -13.719          | -0.0166               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -13.261          | -0.0161               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -23.417          | -0.0284               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -28.210          | -0.0342               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -24.548          | -0.0298               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -12.703          | -0.0154               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -43.159          | -0.0523               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -19.798          | -0.0240               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -42.558          | -0.0516               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -11.301          | -0.0137               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -28.138          | -0.0341               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.27          | 7.381            | 0.0088                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 11.716           | 0.0140                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 7.496            | 0.0090                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 2.804            | 0.0034                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -1.931           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.623           | -0.0079               | -2.5 to 2.5 | Pass    |

|       |       |   |   |     |      |         |         |             |      |
|-------|-------|---|---|-----|------|---------|---------|-------------|------|
|       |       |   |   | 0   | 3.85 | -9.971  | -0.0119 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -14.119 | -0.0169 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -17.266 | -0.0206 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | -20.370 | -0.0244 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -23.890 | -0.0286 | -2.5 to 2.5 | Pass |
|       | 848.3 | 6 | 0 | 20  | 3.27 | -7.567  | -0.0089 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | -19.584 | -0.0231 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | -41.013 | -0.0483 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | -9.198  | -0.0108 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -11.745 | -0.0138 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | -6.123  | -0.0072 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | -44.589 | -0.0526 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -23.904 | -0.0282 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -10.443 | -0.0123 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | -34.704 | -0.0409 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -2.775  | -0.0033 | -2.5 to 2.5 | Pass |
| 16QAM | 824.7 | 6 | 0 | 20  | 3.27 | -43.759 | -0.0531 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | -5.994  | -0.0073 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | -9.999  | -0.0121 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | -13.862 | -0.0168 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -16.980 | -0.0206 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | -18.983 | -0.0230 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | -21.801 | -0.0264 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -24.276 | -0.0294 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -26.193 | -0.0318 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | -28.567 | -0.0346 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -31.528 | -0.0382 | -2.5 to 2.5 | Pass |
|       | 836.5 | 6 | 0 | 20  | 3.27 | -26.565 | -0.0318 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | -24.276 | -0.0290 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | -20.900 | -0.0250 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | -16.723 | -0.0200 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -13.962 | -0.0167 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | -11.630 | -0.0139 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | -9.699  | -0.0116 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -8.125  | -0.0097 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -5.622  | -0.0067 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | -3.920  | -0.0047 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -2.890  | -0.0035 | -2.5 to 2.5 | Pass |
|       | 848.3 | 6 | 0 | 20  | 3.27 | -23.403 | -0.0276 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | -33.588 | -0.0396 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | -41.199 | -0.0486 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | -17.638 | -0.0208 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -2.589  | -0.0031 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | -7.796  | -0.0092 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | -12.331 | -0.0145 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -17.838 | -0.0210 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -22.345 | -0.0263 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | -26.379 | -0.0311 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -30.441 | -0.0359 | -2.5 to 2.5 | Pass |

## 2.1.2 B5\_3MHz

| Band: 5 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 825.5           | 15            | 0      | 20         | 3.27          | -5.879           | -0.0071               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -39.554          | -0.0479               | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 836.5 | 15 | 0 |     | 4.43 | -42.758 | -0.0518 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -31.915 | -0.0387 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -43.287 | -0.0524 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -29.640 | -0.0359 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -10.786 | -0.0131 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -37.293 | -0.0452 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -11.344 | -0.0137 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -30.885 | -0.0374 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -6.509  | -0.0079 | -2.5 to 2.5 | Pass |
|       | 847.5 | 15 | 0 | 20  | 3.27 | 10.672  | 0.0128  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 12.803  | 0.0153  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 6.938   | 0.0083  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -1.860  | -0.0022 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -9.956  | -0.0119 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -16.065 | -0.0192 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -22.974 | -0.0275 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -27.637 | -0.0330 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -31.629 | -0.0378 | -2.5 to 2.5 | Pass |
|       | 825.5 | 15 | 0 | 20  | 3.27 | 11.330  | 0.0134  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 10.901  | 0.0129  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -3.777  | -0.0045 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -21.415 | -0.0253 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -38.395 | -0.0453 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -3.033  | -0.0036 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -15.078 | -0.0178 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -26.937 | -0.0318 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -36.621 | -0.0432 | -2.5 to 2.5 | Pass |
| 16QAM | 836.5 | 15 | 0 | 20  | 3.27 | -22.902 | -0.0277 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -29.941 | -0.0363 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -33.789 | -0.0409 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -37.937 | -0.0460 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -41.828 | -0.0507 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -44.003 | -0.0533 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 1.960   | 0.0024  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -0.758  | -0.0009 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -4.520  | -0.0055 | -2.5 to 2.5 | Pass |
|       | 847.5 | 15 | 0 | 20  | 3.27 | -17.080 | -0.0202 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -16.980 | -0.0200 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -15.149 | -0.0179 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -13.590 | -0.0160 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -11.272 | -0.0133 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -9.642  | -0.0114 | -2.5 to 2.5 | Pass |
|       |       |    |   | 20  | 3.27 | 1.788   | 0.0021  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -0.315  | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 2.317   | 0.0028  | -2.5 to 2.5 | Pass |
|       | 836.5 | 15 | 0 | 20  | 3.27 | 1.788   | 0.0021  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -0.315  | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 2.317   | 0.0028  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 4.735   | 0.0057  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 7.610   | 0.0091  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 9.685   | 0.0116  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 11.044  | 0.0132  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 12.617  | 0.0151  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 14.391  | 0.0172  | -2.5 to 2.5 | Pass |
|       | 847.5 | 15 | 0 | 20  | 3.27 | 1.788   | 0.0021  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -0.315  | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 2.317   | 0.0028  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 4.735   | 0.0057  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 7.610   | 0.0091  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 9.685   | 0.0116  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 11.044  | 0.0132  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 12.617  | 0.0151  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 14.391  | 0.0172  | -2.5 to 2.5 | Pass |

|  |  |  |    |      |         |         |             |      |
|--|--|--|----|------|---------|---------|-------------|------|
|  |  |  | 0  | 3.85 | -8.540  | -0.0101 | -2.5 to 2.5 | Pass |
|  |  |  | 10 | 3.85 | -7.453  | -0.0088 | -2.5 to 2.5 | Pass |
|  |  |  | 30 | 3.85 | -10.786 | -0.0127 | -2.5 to 2.5 | Pass |
|  |  |  | 40 | 3.85 | -12.760 | -0.0151 | -2.5 to 2.5 | Pass |
|  |  |  | 50 | 3.85 | -12.989 | -0.0153 | -2.5 to 2.5 | Pass |

### 2.1.3 B5\_5MHz

| Band: 5 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 826.5           | 25            | 0      | 20         | 3.27          | -2.017           | -0.0024               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -35.176          | -0.0426               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -35.162          | -0.0425               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -33.474          | -0.0405               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -26.407          | -0.0320               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -11.959          | -0.0145               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -41.885          | -0.0507               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -18.096          | -0.0219               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -39.153          | -0.0474               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -16.909          | -0.0205               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -33.331          | -0.0403               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.27          | 10.586           | 0.0127                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 14.749           | 0.0176                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 9.069            | 0.0108                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | 2.546            | 0.0030                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -4.621           | -0.0055               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -11.573          | -0.0138               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -17.037          | -0.0204               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -21.873          | -0.0261               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -27.523          | -0.0329               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -31.915          | -0.0382               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -36.321          | -0.0434               | -2.5 to 2.5 | Pass    |
|                           | 846.5           | 25            | 0      | 20         | 3.27          | 12.288           | 0.0145                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 10.672           | 0.0126                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -3.977           | -0.0047               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -19.741          | -0.0233               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -34.676          | -0.0410               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -47.979          | -0.0567               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -7.997           | -0.0094               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -20.900          | -0.0247               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -30.570          | -0.0361               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -39.597          | -0.0468               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -42.558          | -0.0503               | -2.5 to 2.5 | Pass    |
| 16QAM                     | 826.5           | 25            | 0      | 20         | 3.27          | -0.472           | -0.0006               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -7.768           | -0.0094               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -11.301          | -0.0137               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -14.749          | -0.0178               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -18.425          | -0.0223               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -22.316          | -0.0270               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -24.834          | -0.0300               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -27.852          | -0.0337               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -30.527          | -0.0369               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -33.560          | -0.0406               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -38.810          | -0.0470               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.27          | -39.625          | -0.0474               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -37.093          | -0.0443               | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |         |         |             |      |
|--|-------|----|---|-----|------|---------|---------|-------------|------|
|  |       |    |   |     | 4.43 | -32.344 | -0.0387 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -28.467 | -0.0340 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -24.590 | -0.0294 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -21.729 | -0.0260 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -17.767 | -0.0212 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -15.335 | -0.0183 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -13.618 | -0.0163 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -11.544 | -0.0138 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -9.899  | -0.0118 | -2.5 to 2.5 | Pass |
|  | 846.5 | 25 | 0 | 20  | 3.27 | -11.587 | -0.0137 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -11.601 | -0.0137 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | -9.155  | -0.0108 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -7.524  | -0.0089 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -6.394  | -0.0076 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -5.178  | -0.0061 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -5.536  | -0.0065 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -4.778  | -0.0056 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -5.136  | -0.0061 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -5.393  | -0.0064 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -6.080  | -0.0072 | -2.5 to 2.5 | Pass |

#### 2.1.4 B5\_10MHz

| Band: 5 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 829             | 50            | 0      | 20         | 3.27          | -3.433           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -45.061          | -0.0544               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -5.794           | -0.0070               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -10.629          | -0.0128               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -9.398           | -0.0113               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -44.003          | -0.0531               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -23.918          | -0.0289               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -2.375           | -0.0029               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -23.689          | -0.0286               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -41.213          | -0.0497               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -6.223           | -0.0075               | -2.5 to 2.5 | Pass    |
|                            | 836.5           | 50            | 0      | 20         | 3.27          | 13.747           | 0.0164                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 17.238           | 0.0206                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 9.470            | 0.0113                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.072            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -7.124           | -0.0085               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -14.248          | -0.0170               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -20.428          | -0.0244               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -25.177          | -0.0301               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -32.001          | -0.0383               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -40.398          | -0.0483               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -25.134          | -0.0300               | -2.5 to 2.5 | Pass    |
|                            | 844             | 50            | 0      | 20         | 3.27          | 10.443           | 0.0124                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 5.064            | 0.0060                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -15.435          | -0.0183               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -36.206          | -0.0429               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -5.393           | -0.0064               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -22.616          | -0.0268               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -36.879          | -0.0437               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -0.901           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -12.116          | -0.0144               | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 829   | 50 | 0 | 40  | 3.85 | -23.017 | -0.0273 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -36.392 | -0.0431 | -2.5 to 2.5 | Pass |
|       |       |    |   | 20  | 3.27 | -20.628 | -0.0249 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -26.450 | -0.0319 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -27.637 | -0.0333 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -28.696 | -0.0346 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -30.084 | -0.0363 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -31.800 | -0.0384 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -33.760 | -0.0407 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -35.148 | -0.0424 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -37.422 | -0.0451 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -39.525 | -0.0477 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -42.329 | -0.0511 | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.27 | 1.345   | 0.0016  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 5.236   | 0.0063  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 9.341   | 0.0112  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 13.890  | 0.0166  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 17.495  | 0.0209  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 20.785  | 0.0248  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 22.588  | 0.0270  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 21.815  | 0.0261  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 19.526  | 0.0233  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 15.621  | 0.0187  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 10.757  | 0.0129  | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.27 | -31.428 | -0.0372 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -4.220  | -0.0050 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -1.502  | -0.0018 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 0.844   | 0.0010  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 1.774   | 0.0021  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 2.003   | 0.0024  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 3.920   | 0.0046  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 6.809   | 0.0081  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 10.300  | 0.0122  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 14.806  | 0.0175  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 19.312  | 0.0229  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B5\_1.4MHz

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                            |       |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                    |                 | Size          | Offset | Result                     | Limit |
| QPSK                               | 836.5           | 6             | 0      | Refer To Test Graph        |       |
| 16QAM                              | 836.5           | 6             | 0      | Refer To Test Graph        |       |

##### 3.1.2 B5\_3MHz

| Band: 5 / Bandwidth: 3MHz / NTNV |                 |               |        |                            |       |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                  |                 | Size          | Offset | Result                     | Limit |
| QPSK                             | 836.5           | 15            | 0      | Refer To Test Graph        |       |
| 16QAM                            | 836.5           | 15            | 0      | Refer To Test Graph        |       |

### 3.1.3 B5\_5MHz

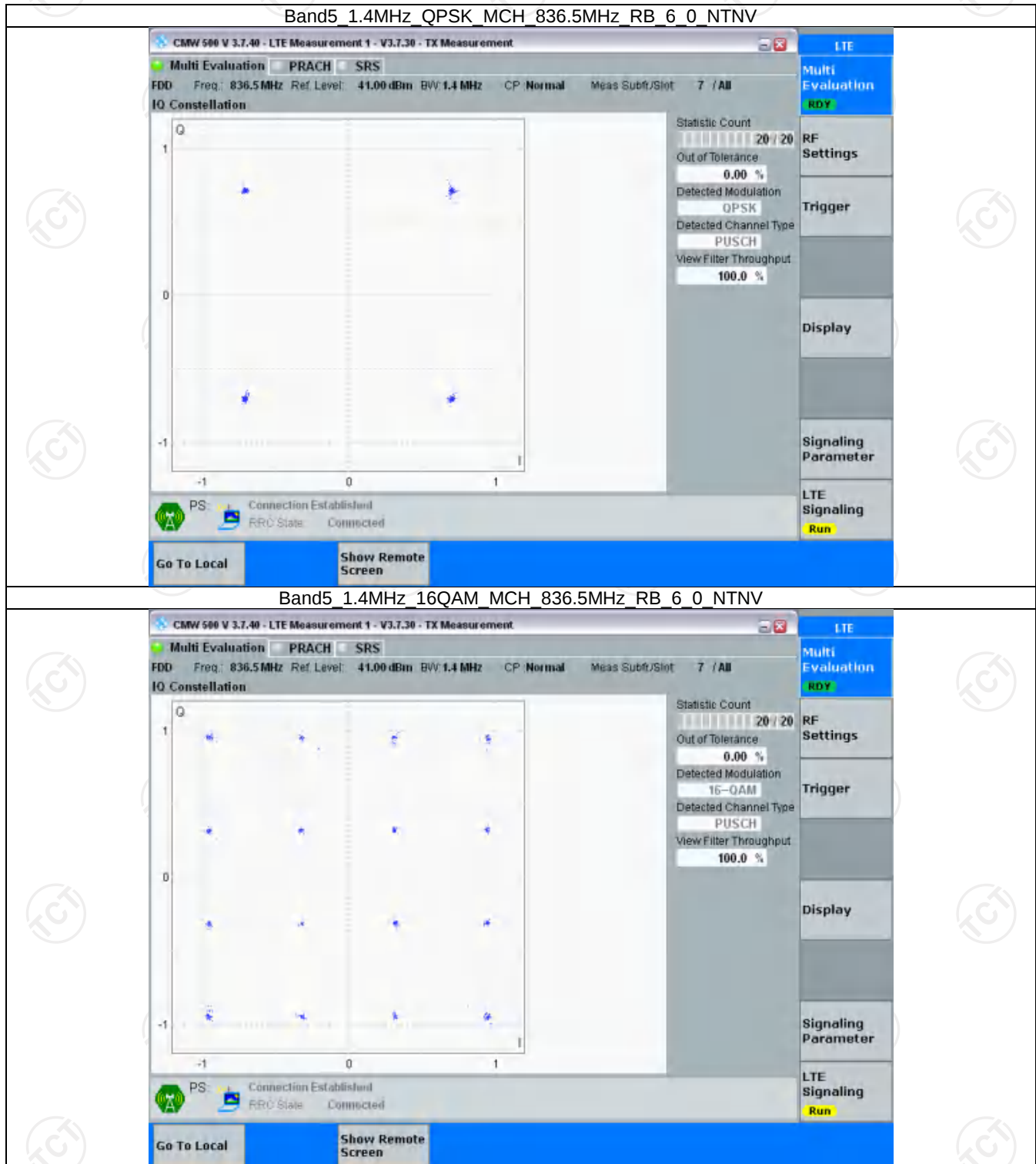
| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 836.5           | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 836.5           | 25            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.4 B5\_10MHz

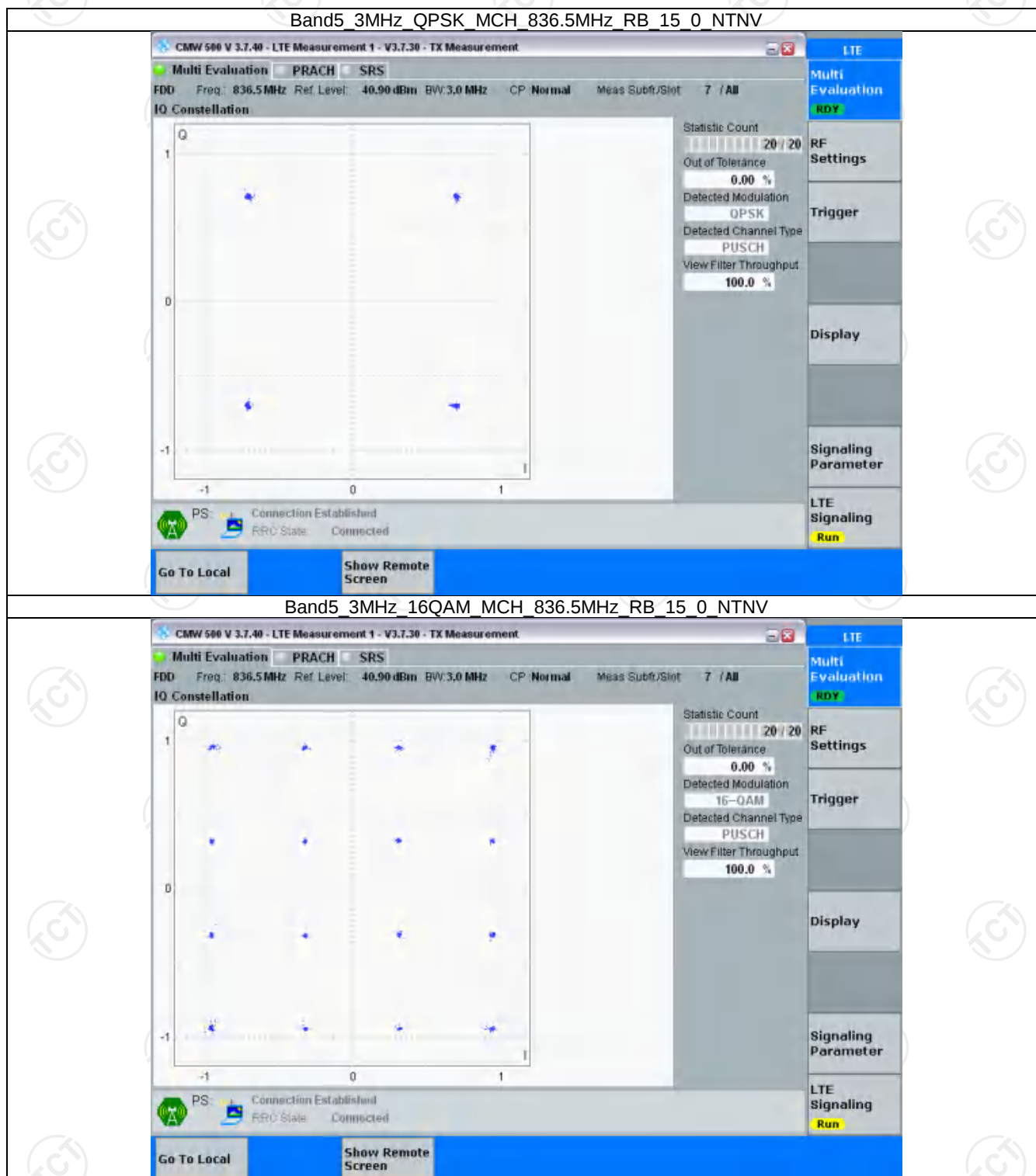
| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 836.5           | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 836.5           | 50            | 0      | Refer To Test Graph        |       | Pass    |

## 3.2 Test Graph

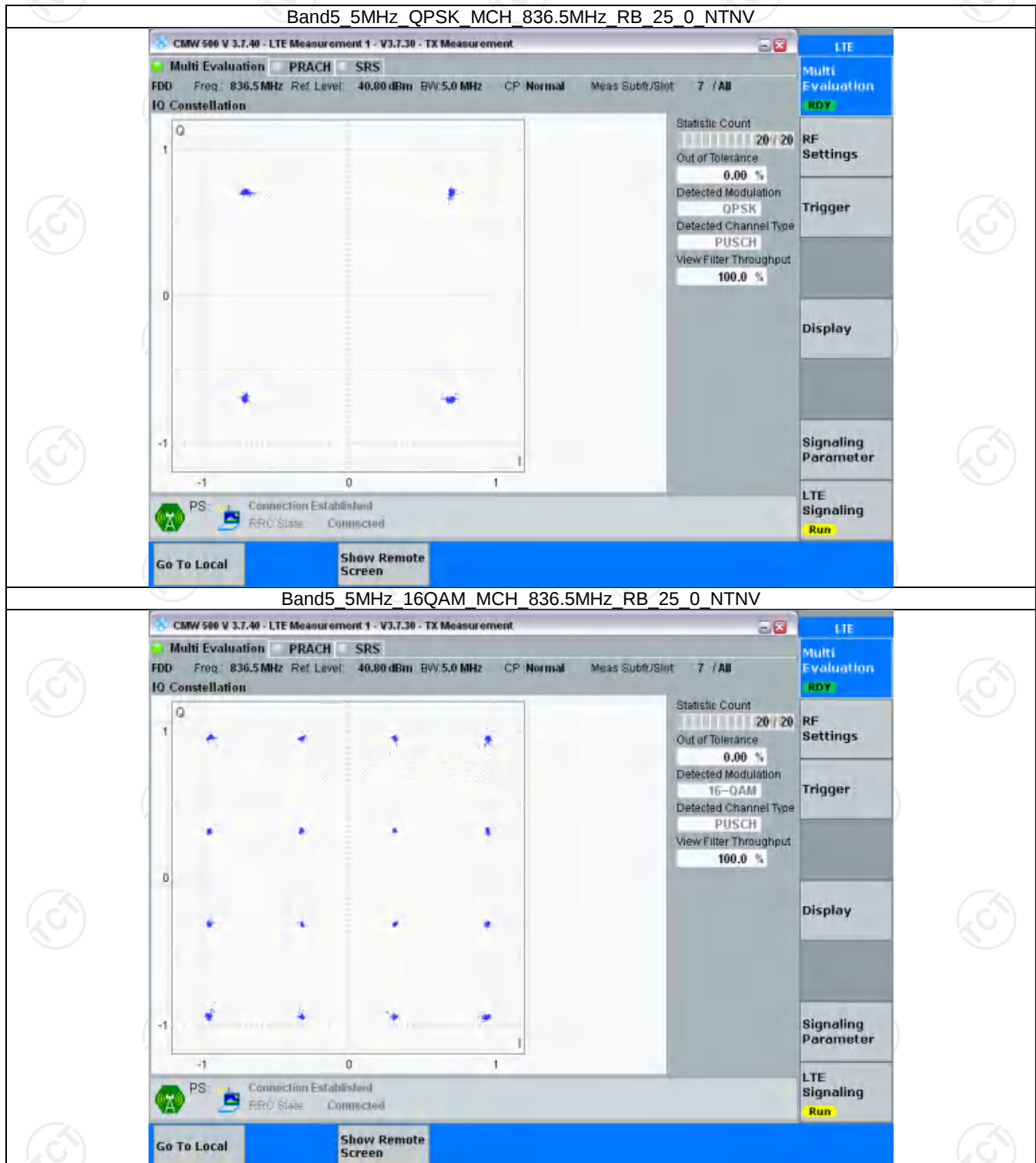
### 3.2.1 B5\_1.4MHz



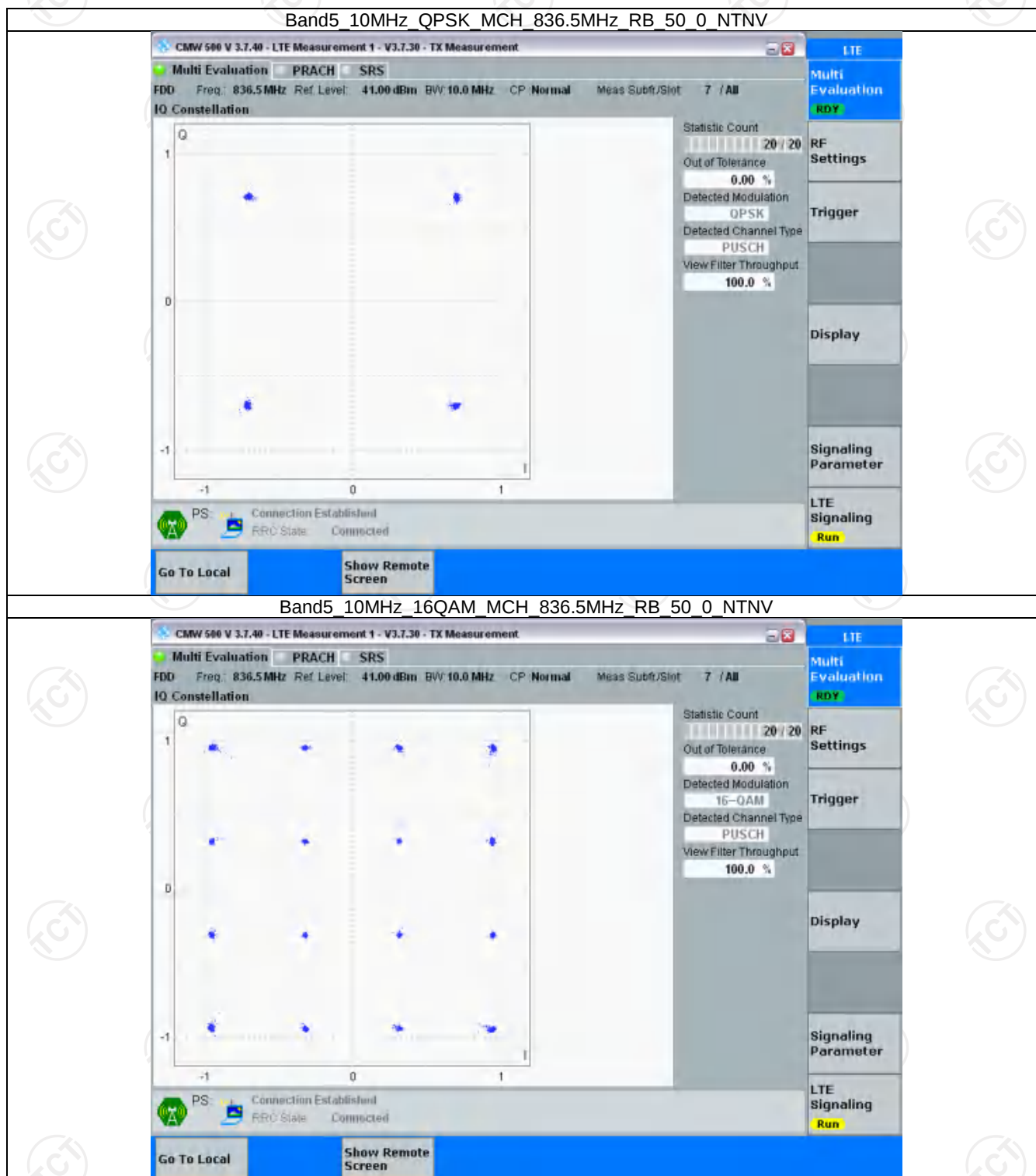
### 3.2.2 B5\_3MHz



### 3.2.3 B5\_5MHz



### 3.2.4 B5\_10MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band5\_OBW

| Band: 5 / NTN   |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.118                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.105                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.113                        | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.115                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.108                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.124                        | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.757                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.756                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.759                        | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.765                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.747                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.760                        | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.533                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.549                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.576                        | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.588                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.576                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.545                        | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.077                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.049                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.082                        | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.063                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.050                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.060                        | /     | Pass    |

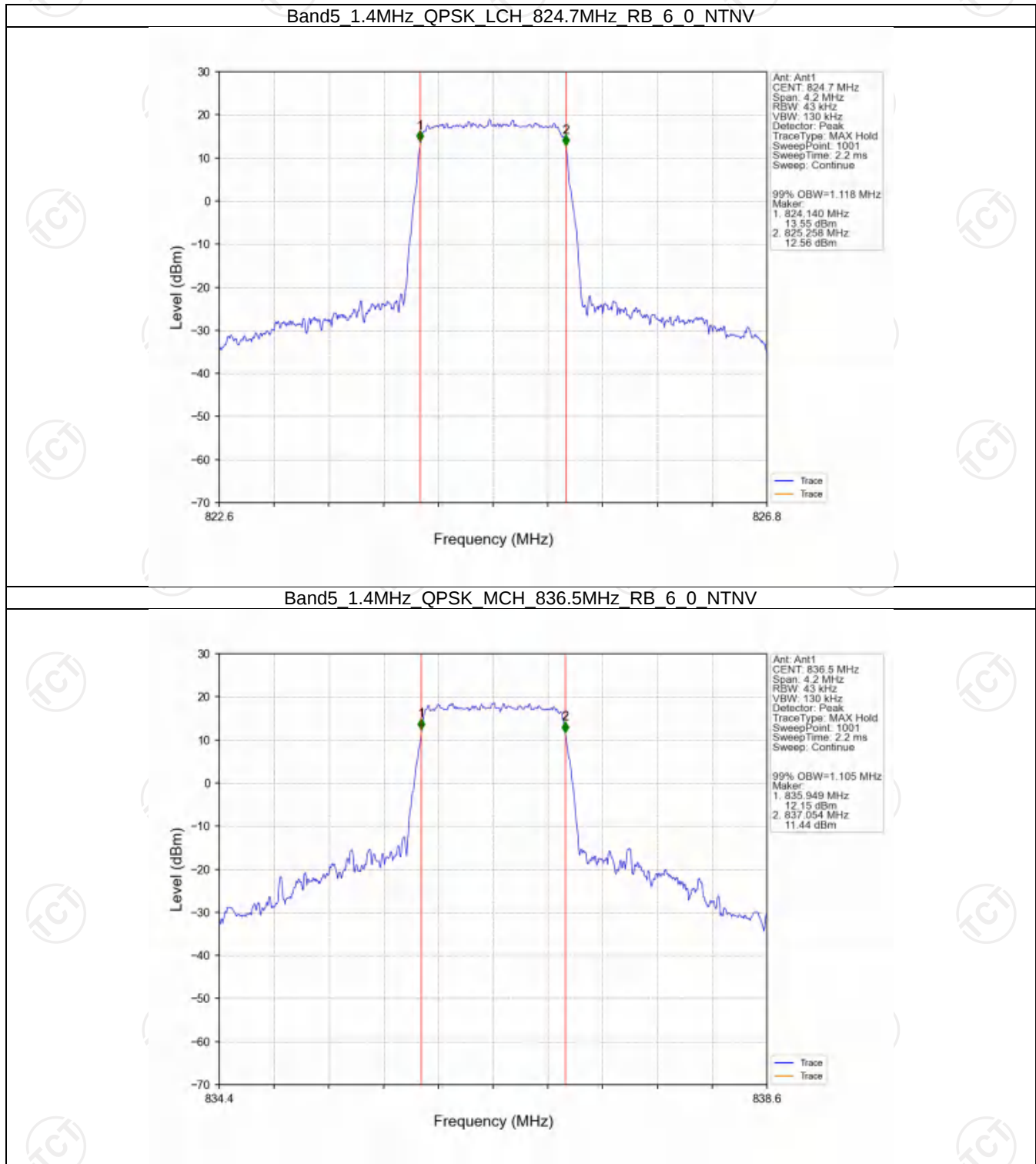
#### 4.1.2 Band5\_XDB

| Band: 5 / NTN   |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.270                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.277                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.271                | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.275                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.268                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.271                | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.104                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.100                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.123                | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.114                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.110                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.084                | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.060                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.069                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.049                | /     | Pass    |

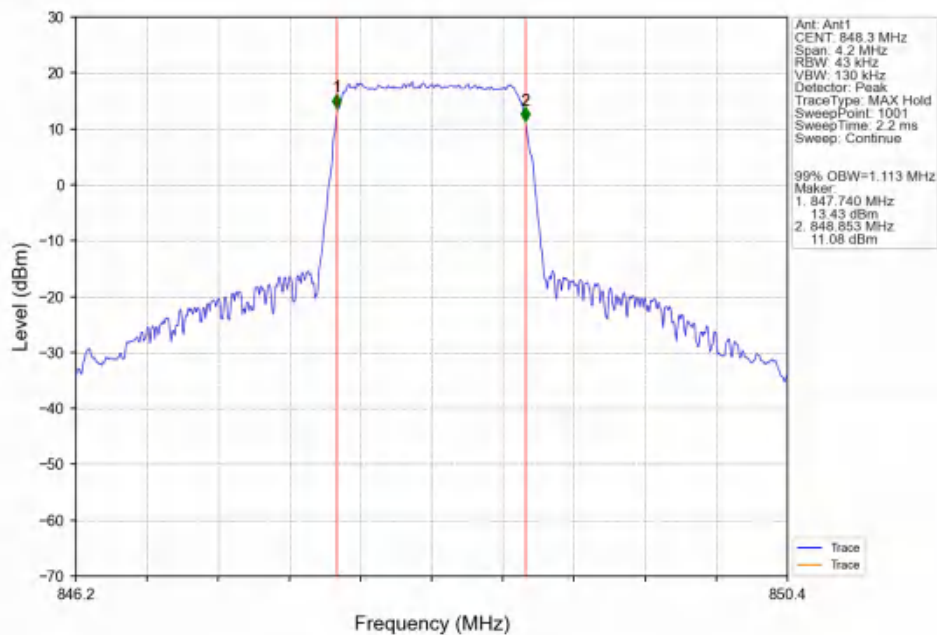
|    |       |       |    |   |        |   |      |
|----|-------|-------|----|---|--------|---|------|
| 10 | 16QAM | 826.5 | 25 | 0 | 5.058  | / | Pass |
|    |       | 836.5 | 25 | 0 | 5.069  | / | Pass |
|    |       | 846.5 | 25 | 0 | 5.043  | / | Pass |
|    | QPSK  | 829   | 50 | 0 | 10.025 | / | Pass |
|    |       | 836.5 | 50 | 0 | 10.044 | / | Pass |
|    |       | 844   | 50 | 0 | 10.005 | / | Pass |
|    | 16QAM | 829   | 50 | 0 | 10.073 | / | Pass |
|    |       | 836.5 | 50 | 0 | 9.998  | / | Pass |
|    |       | 844   | 50 | 0 | 10.014 | / | Pass |

## 4.2 Test Graph

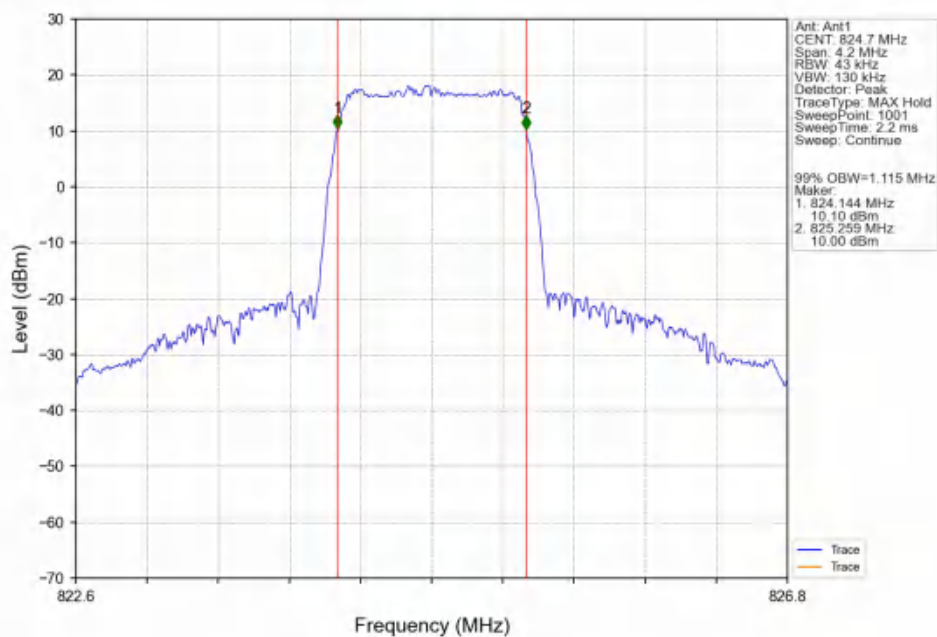
### 4.2.1 Band5\_OBW



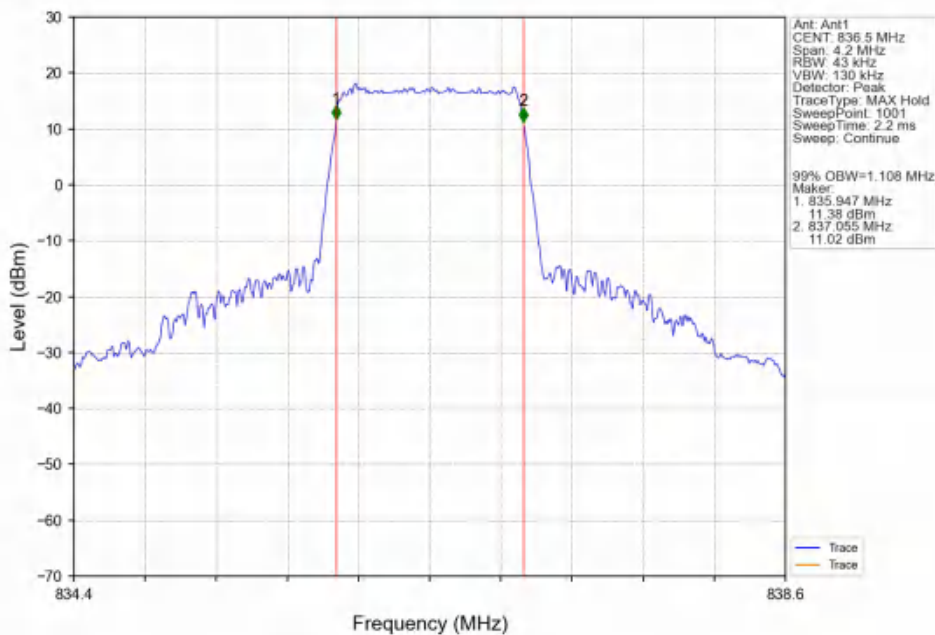
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



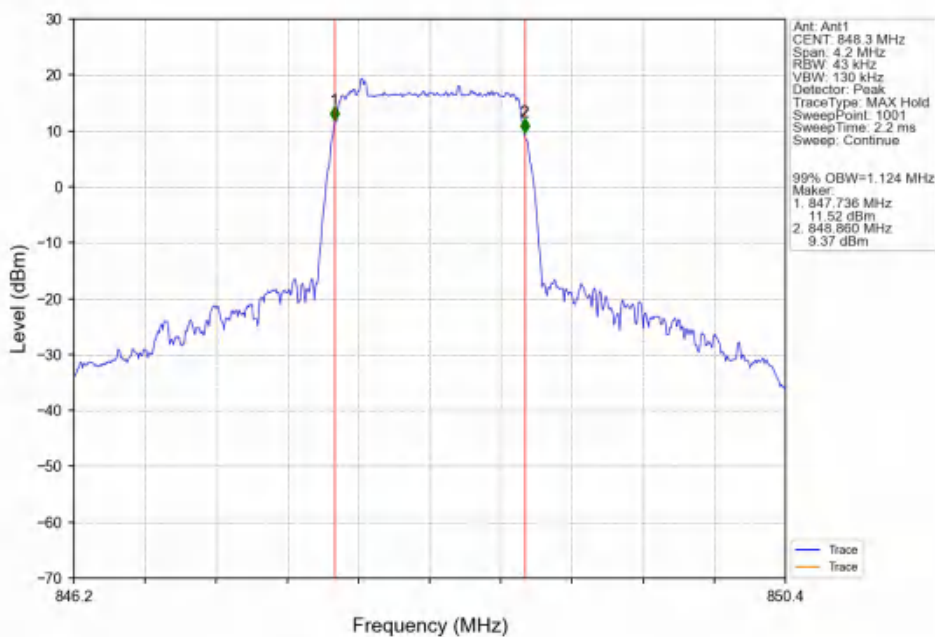
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



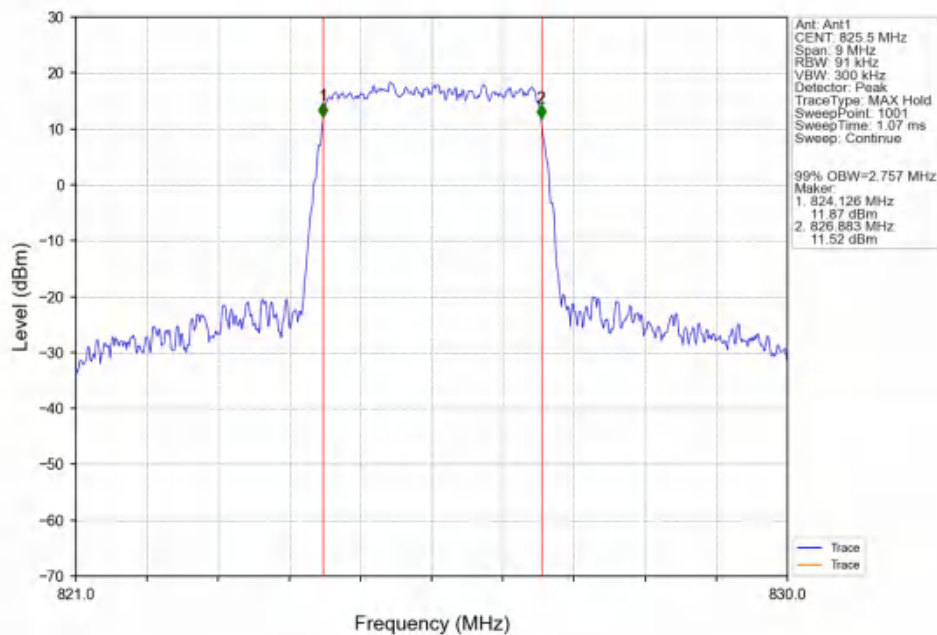
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTV



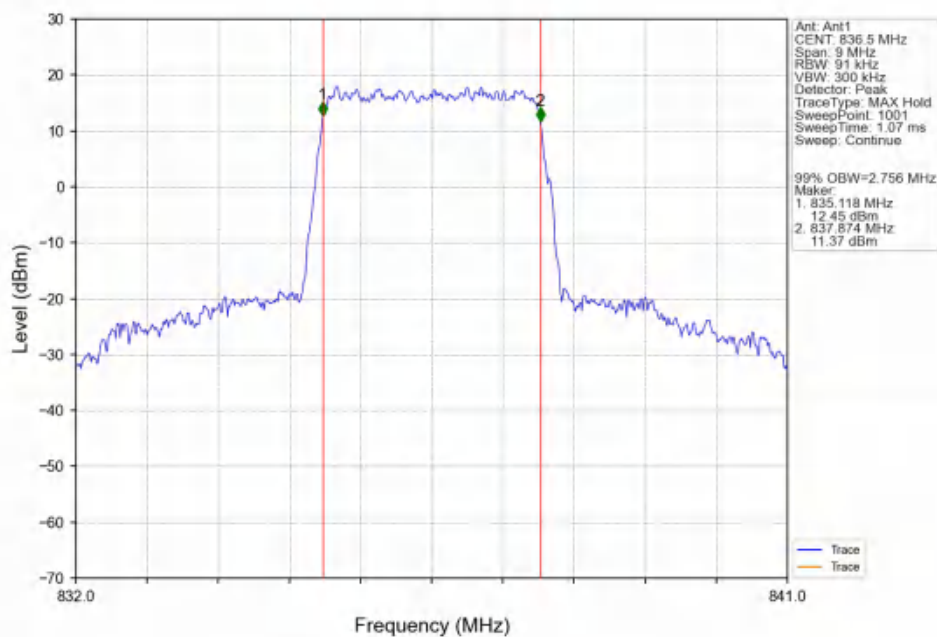
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTV



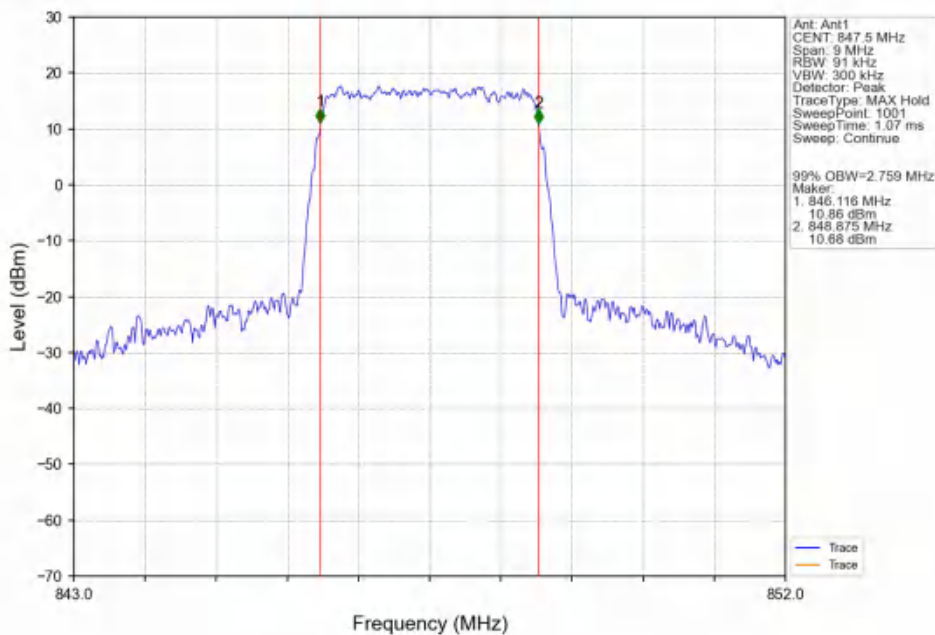
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



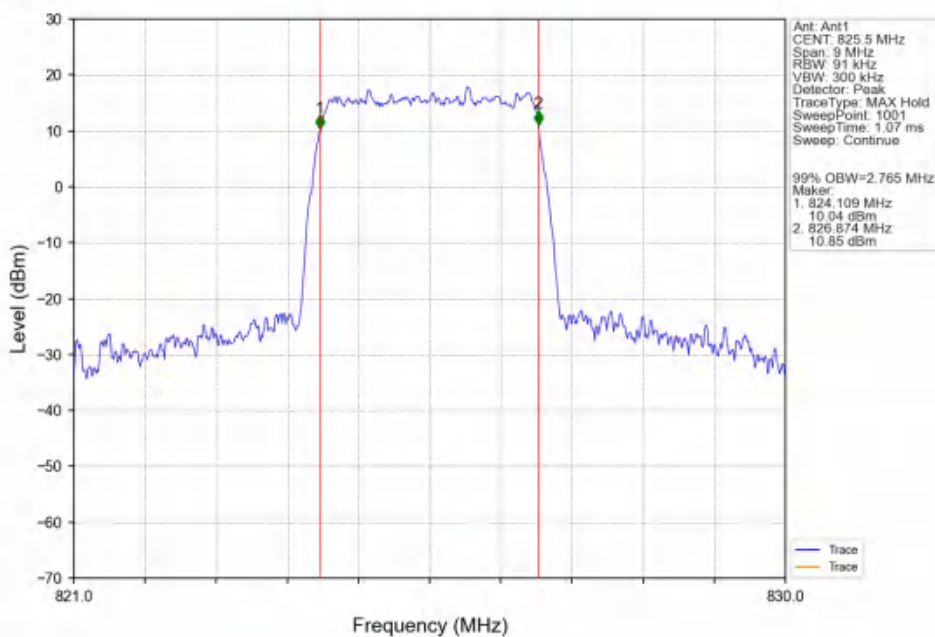
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



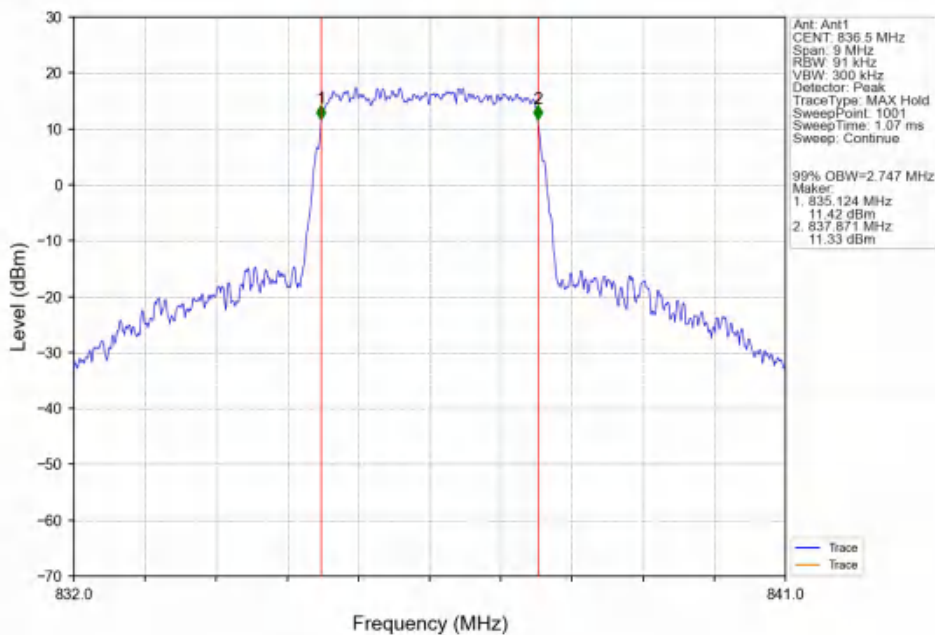
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



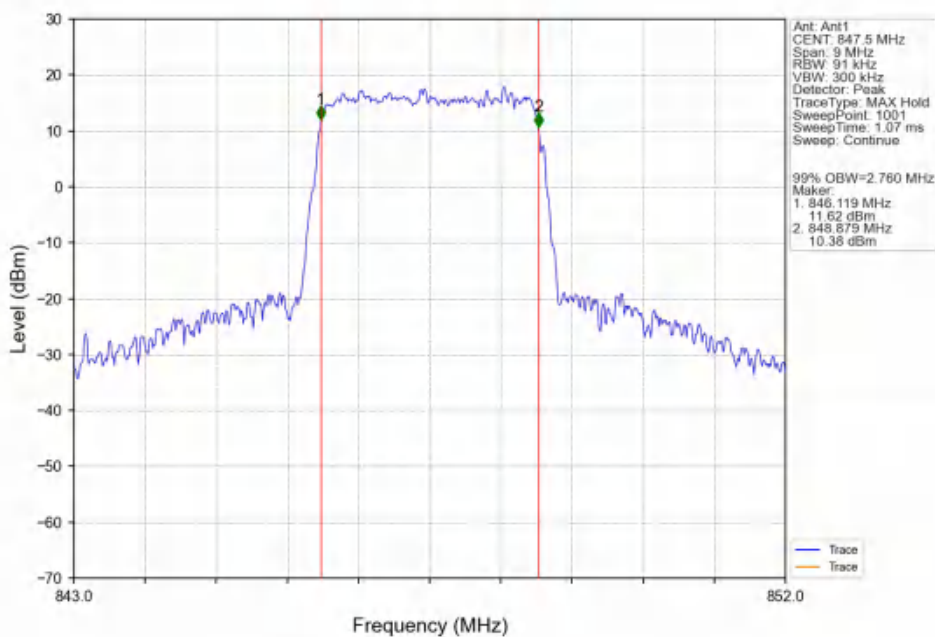
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



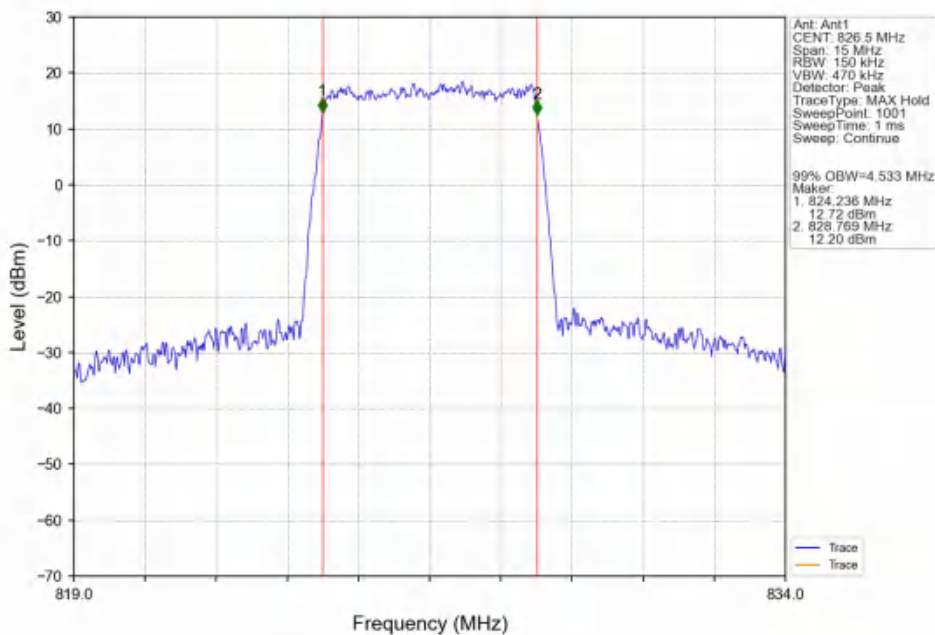
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



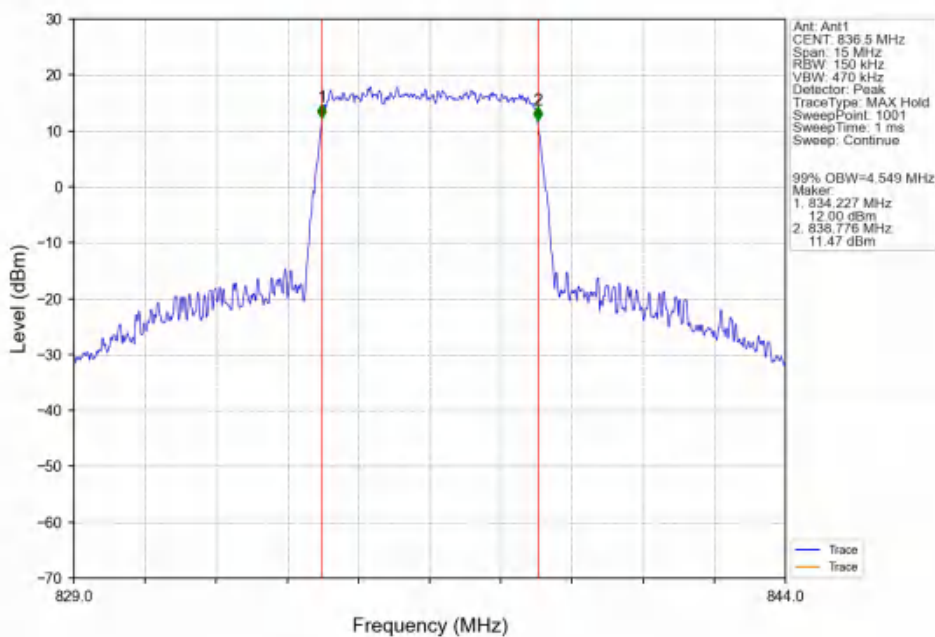
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



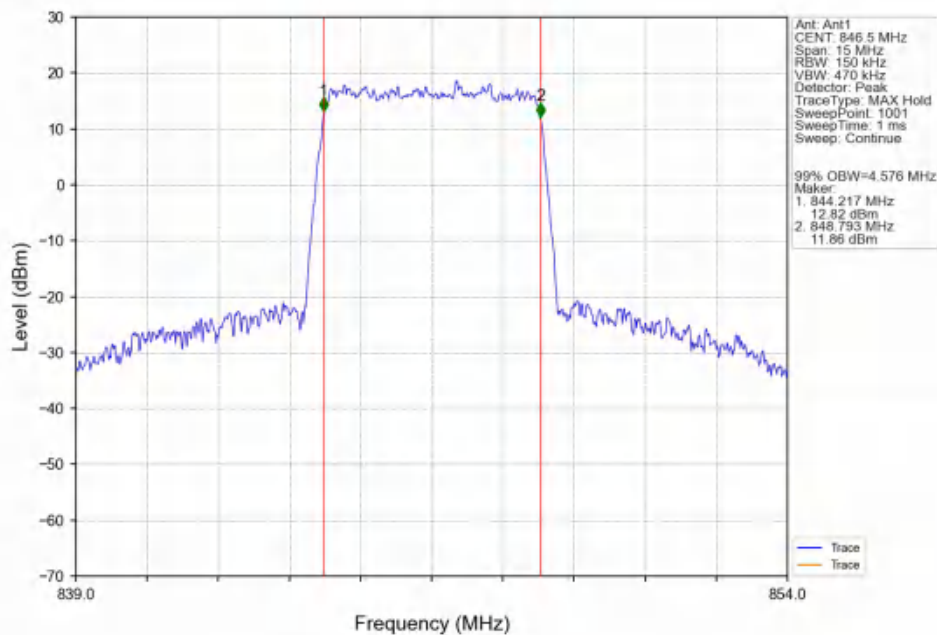
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



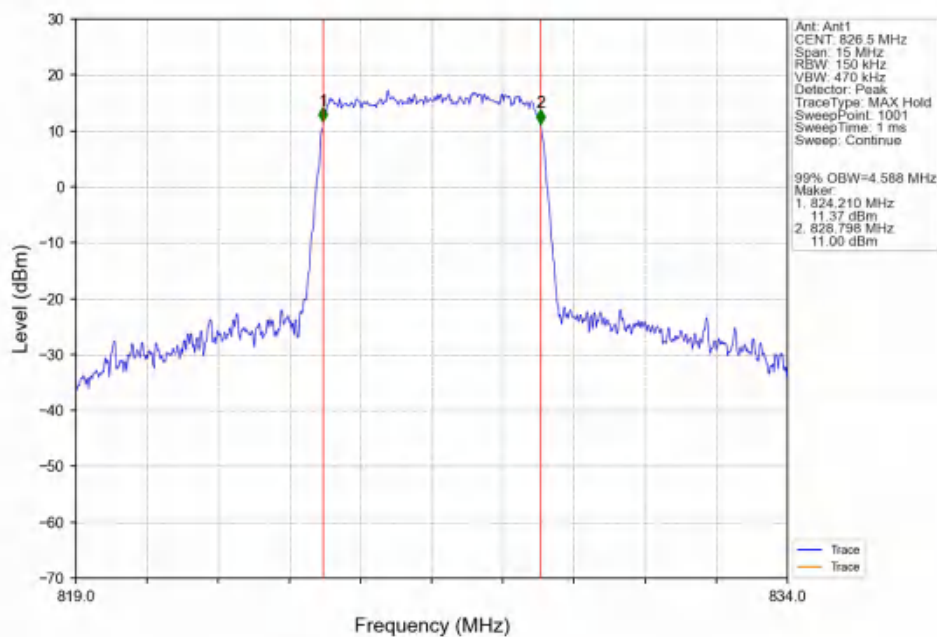
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



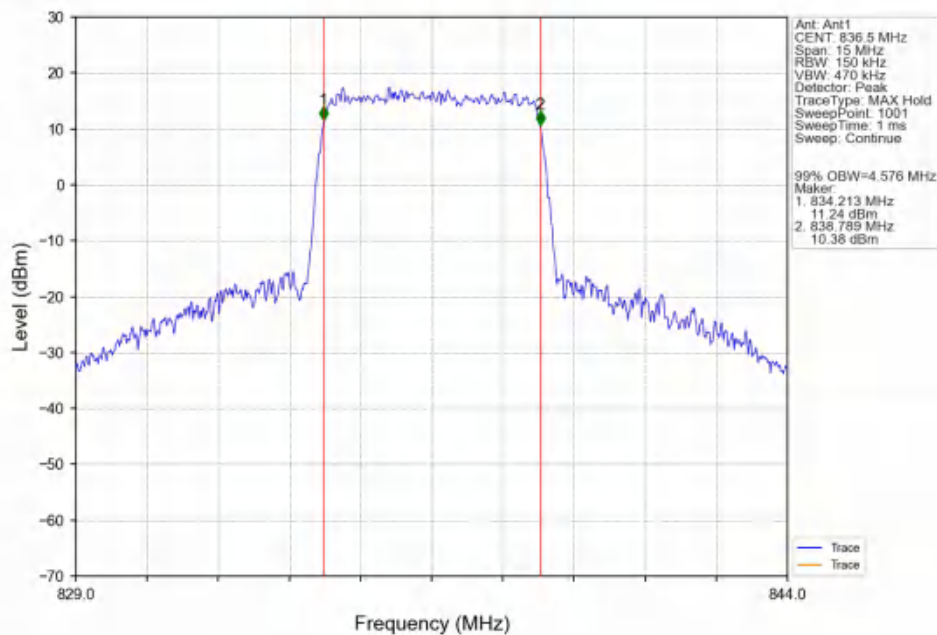
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



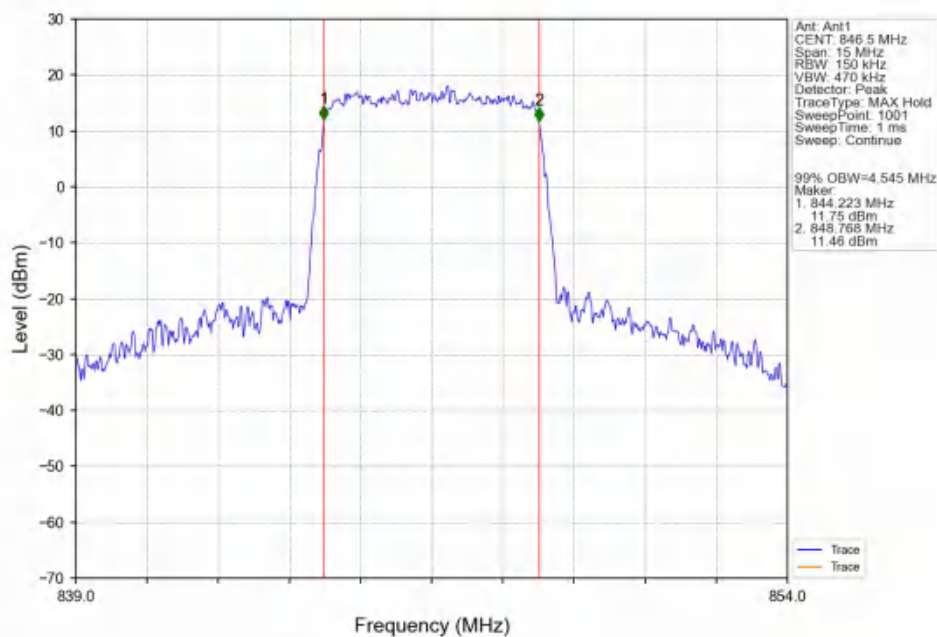
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



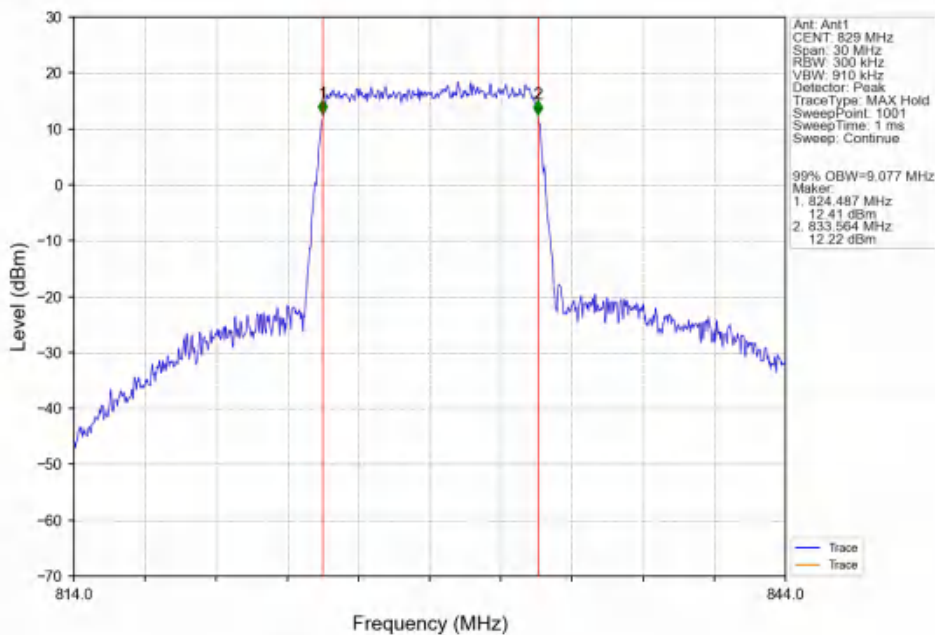
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



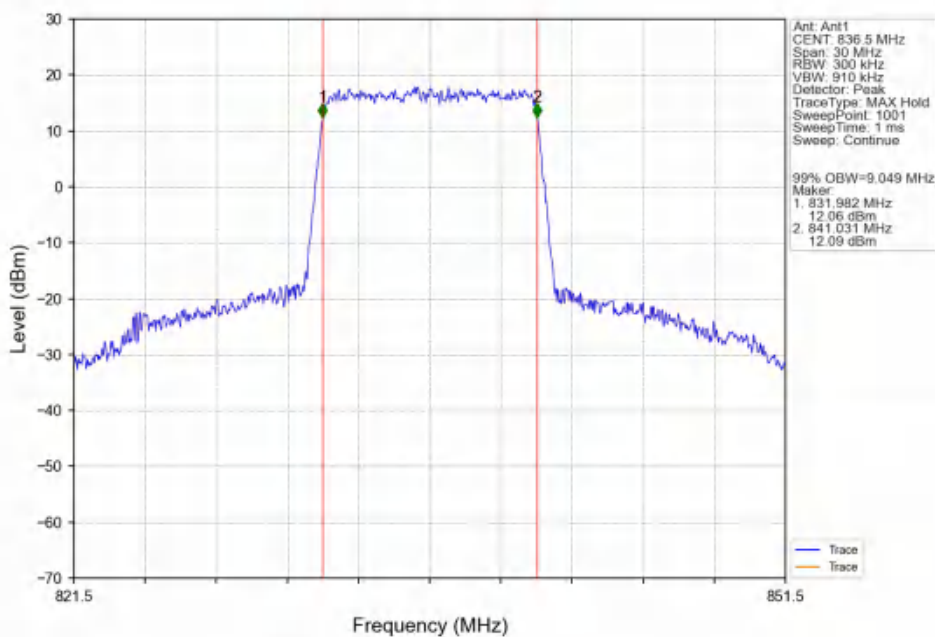
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



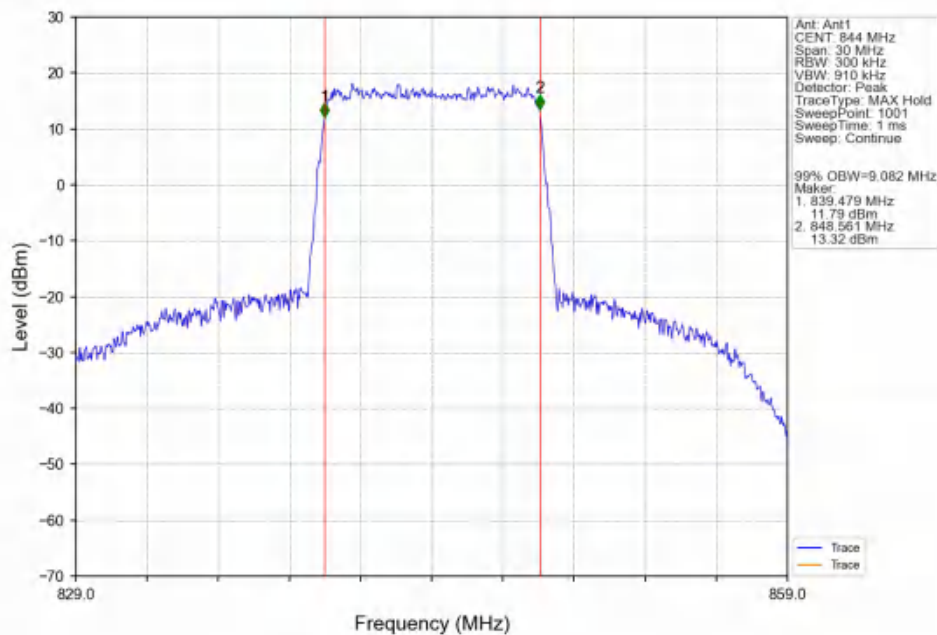
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTV



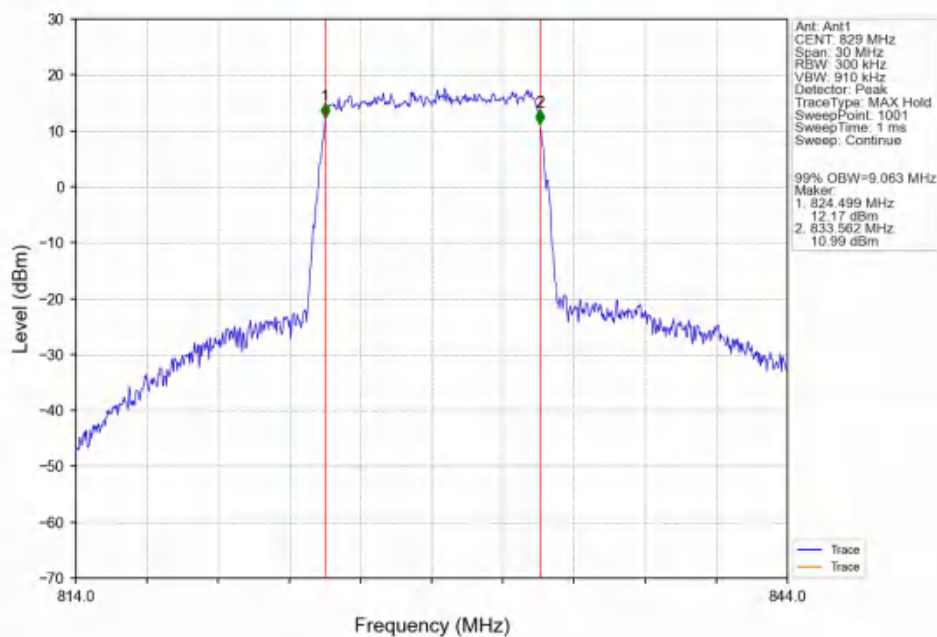
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTV



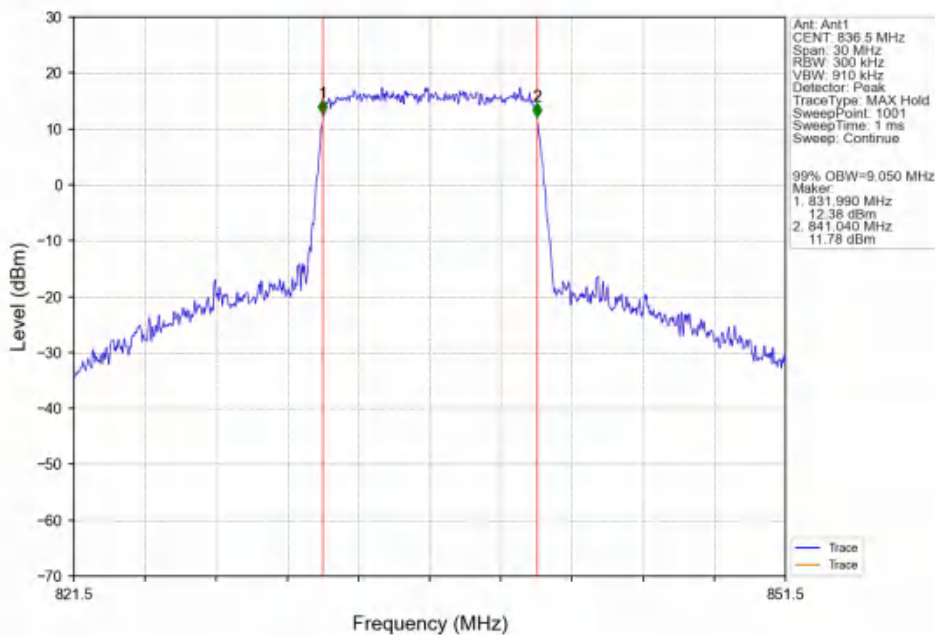
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



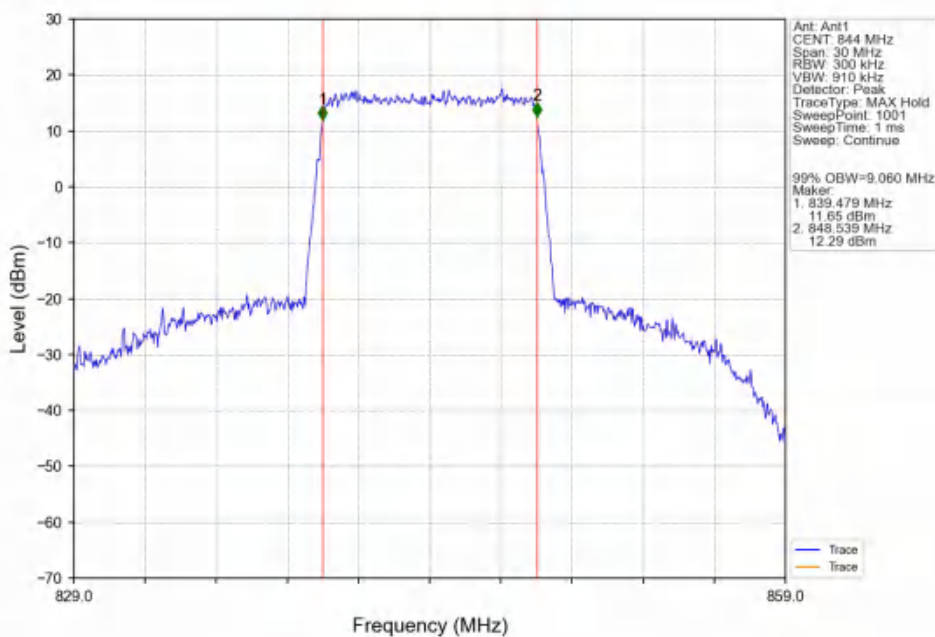
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



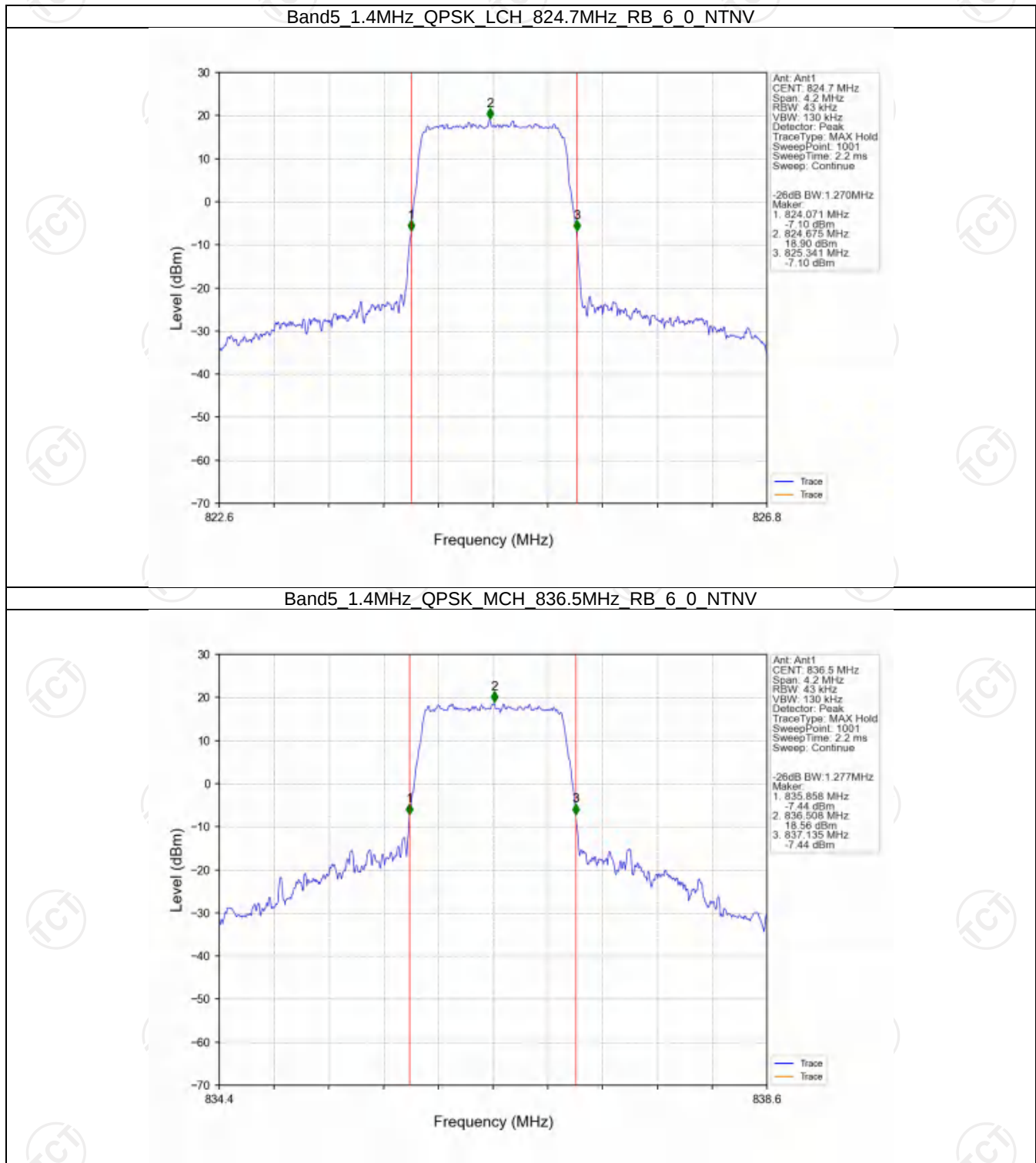
Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



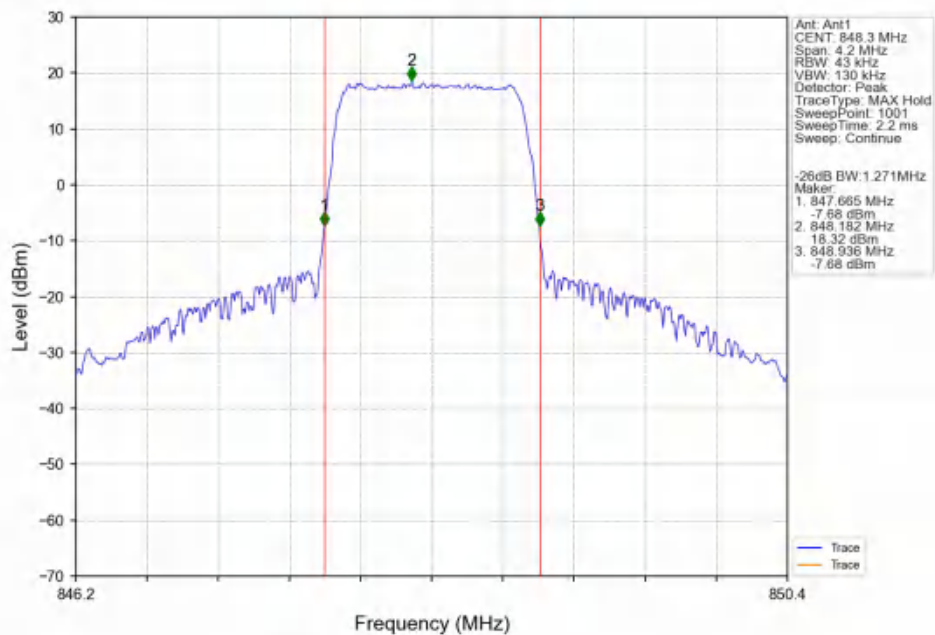
Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



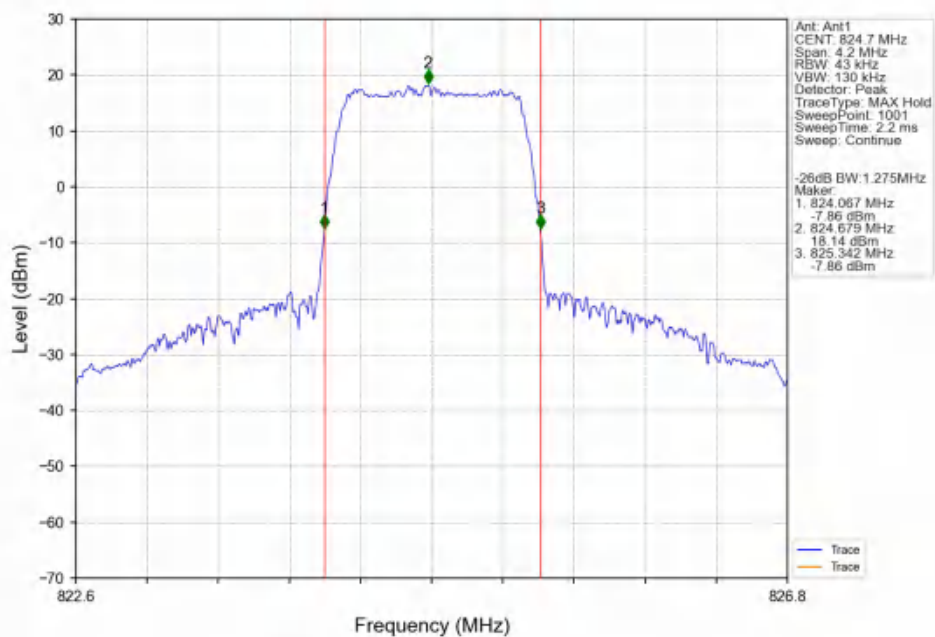
#### 4.2.2 Band5\_XDB



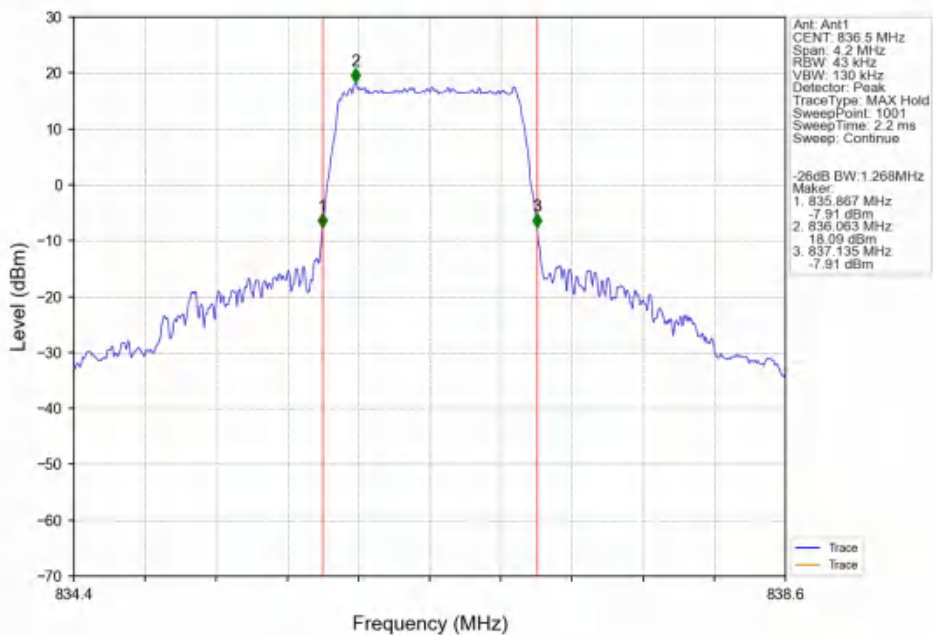
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



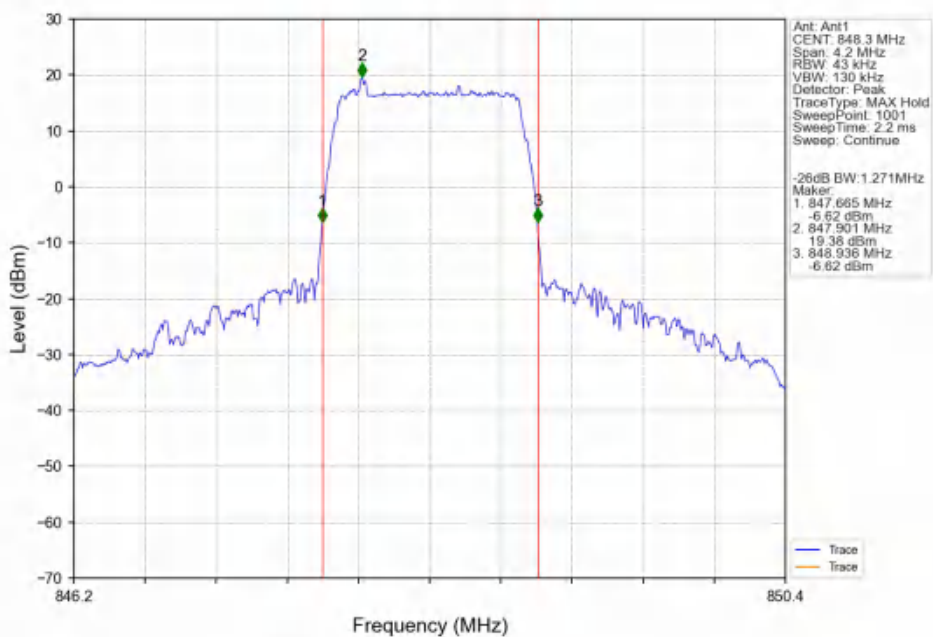
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



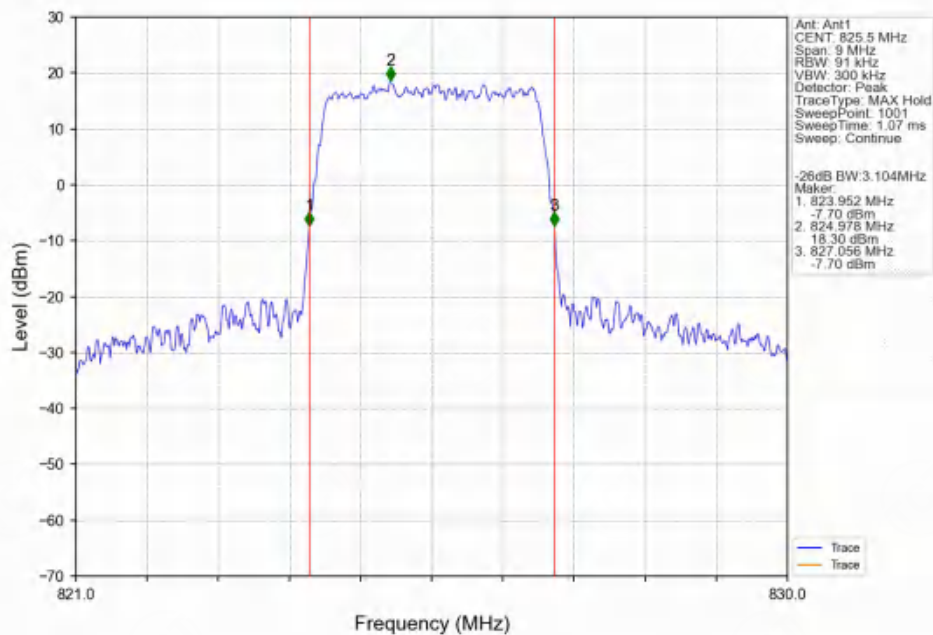
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



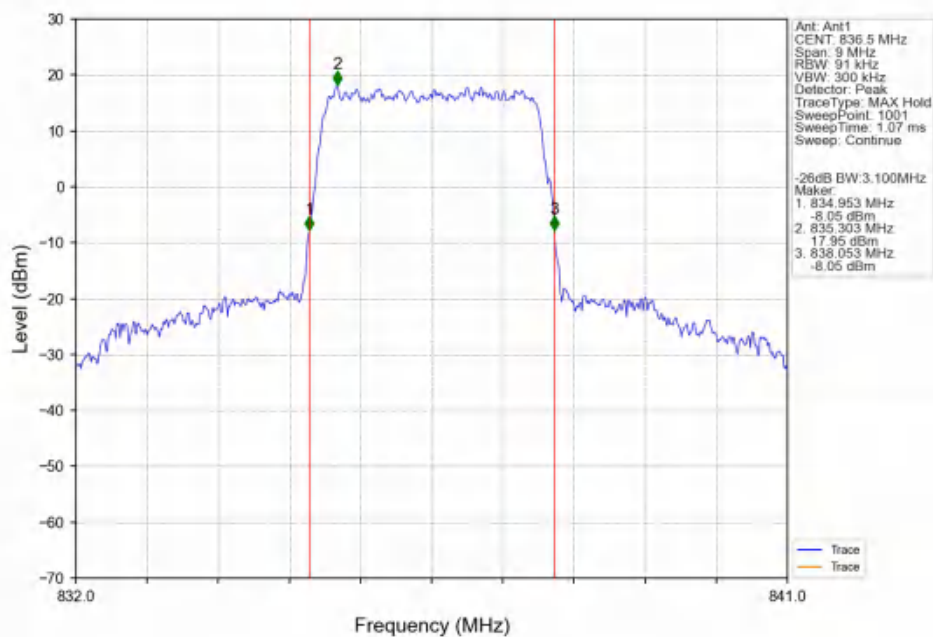
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



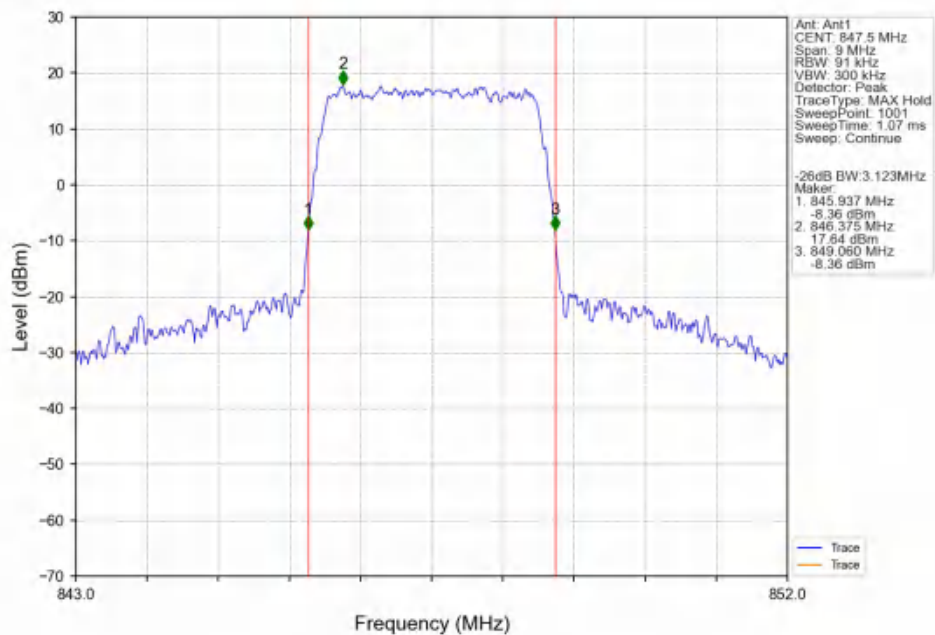
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



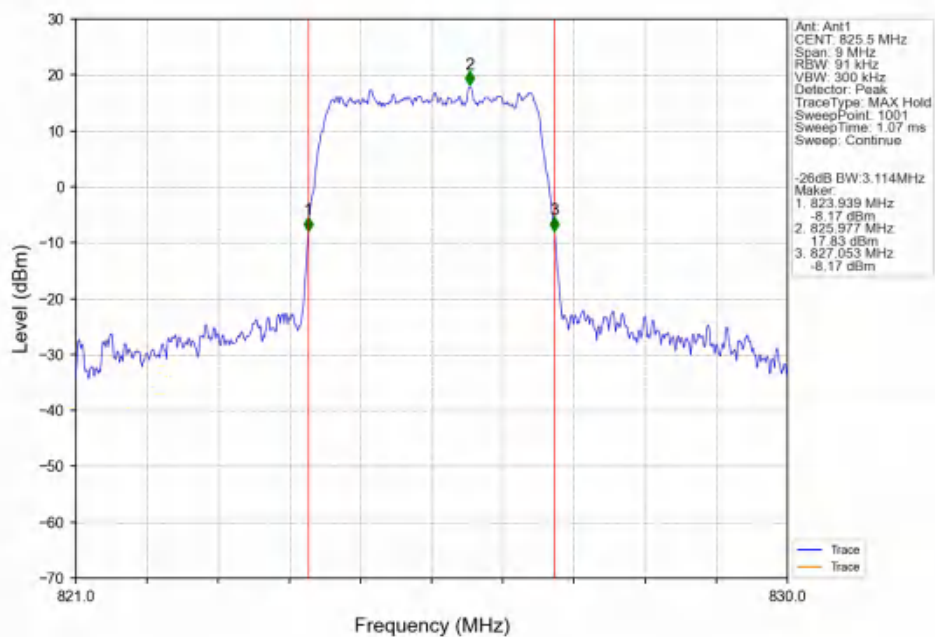
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



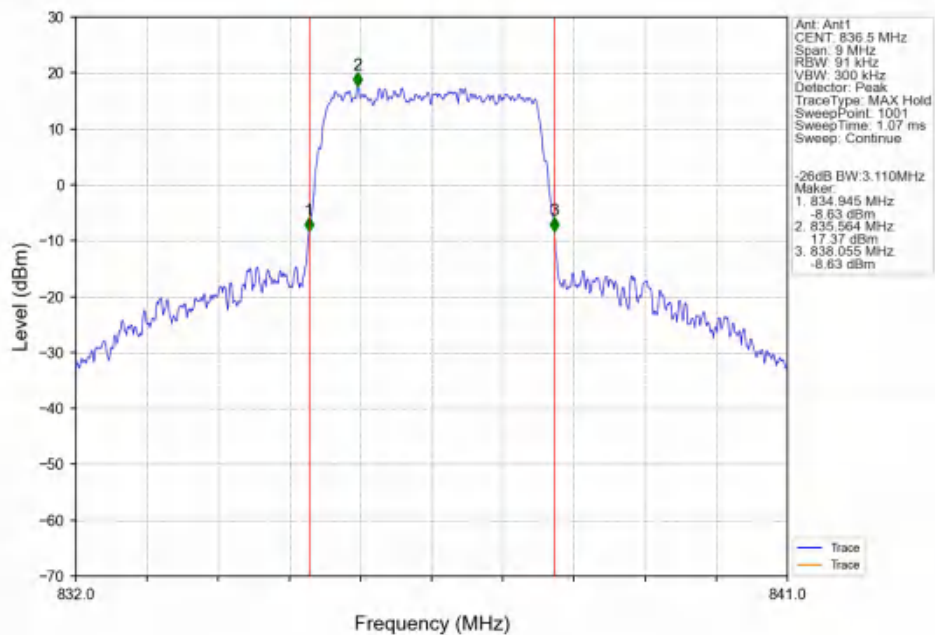
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



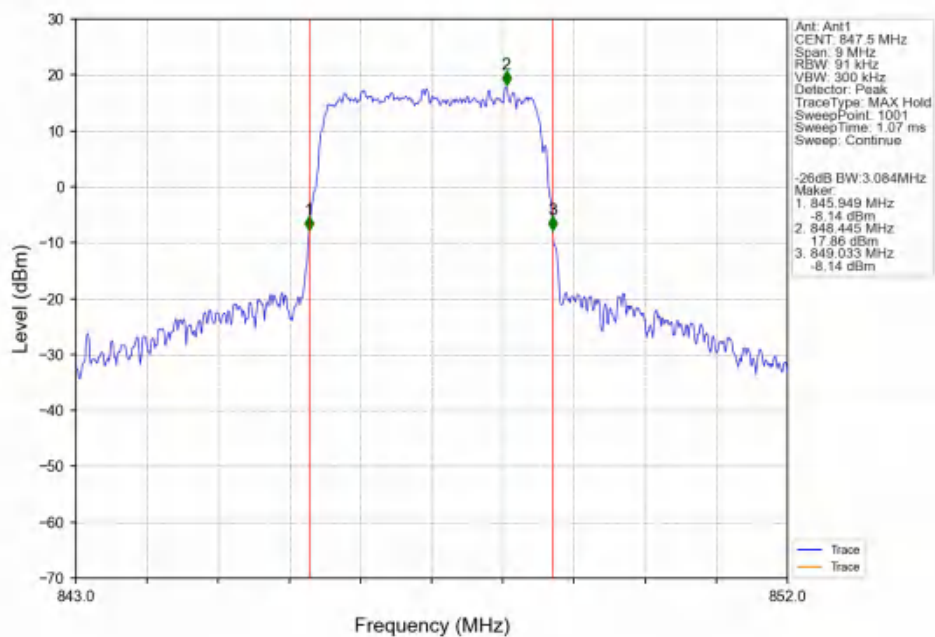
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



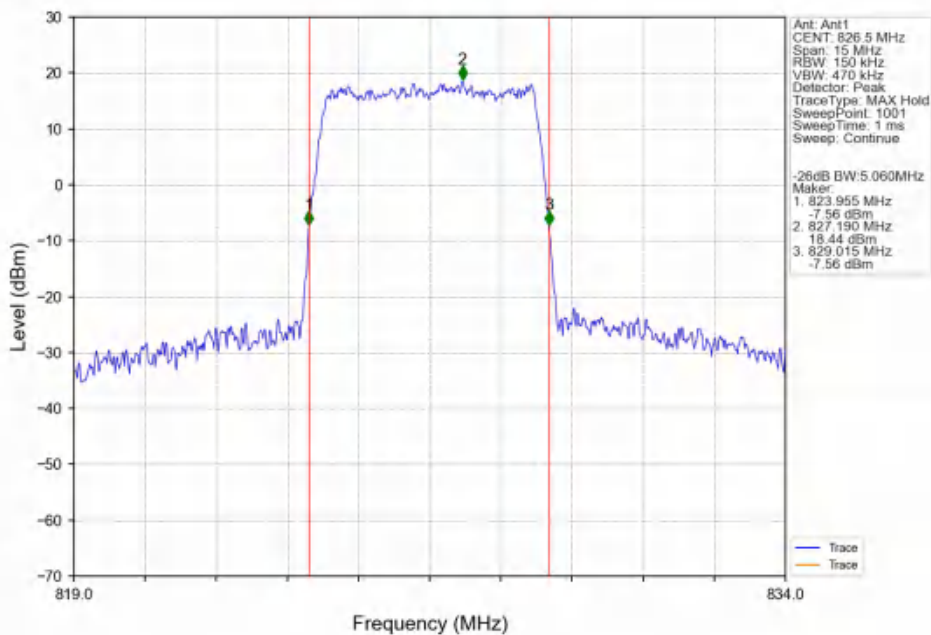
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



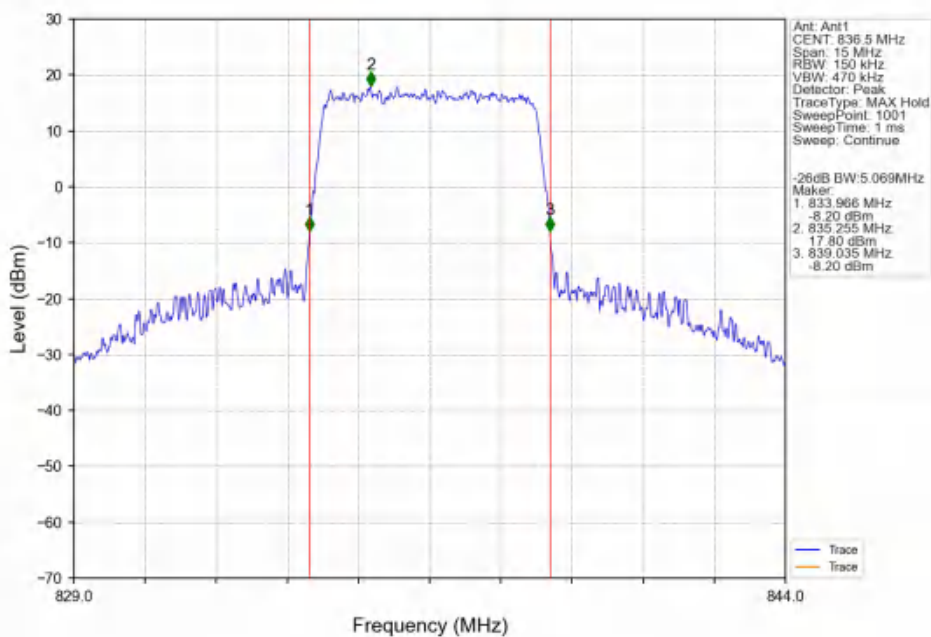
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



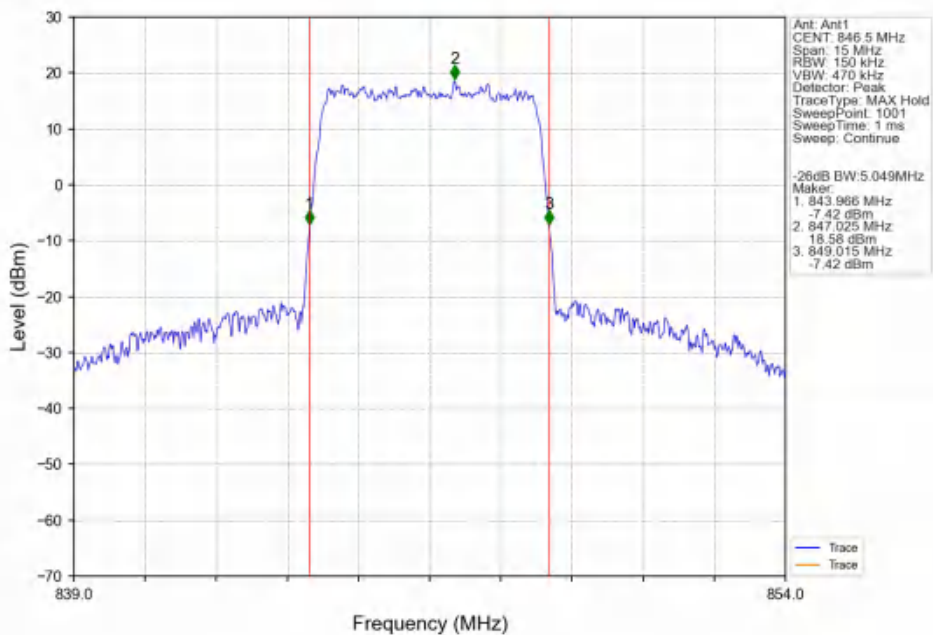
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



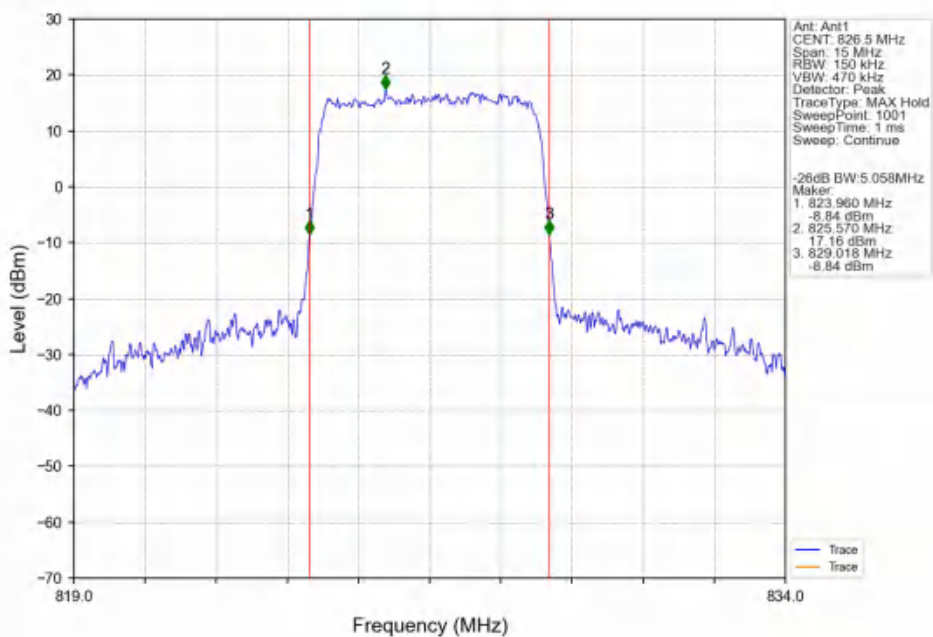
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



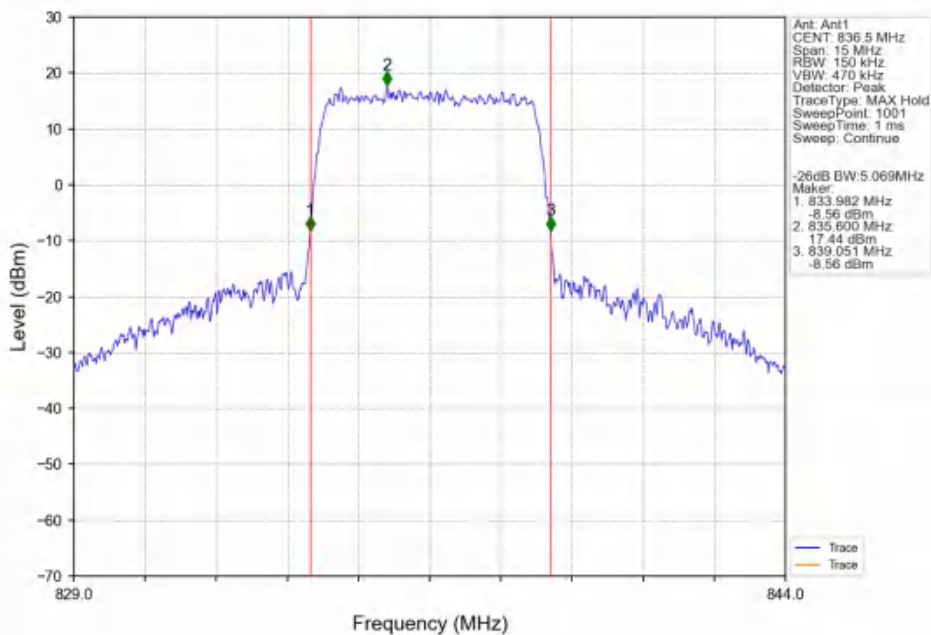
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



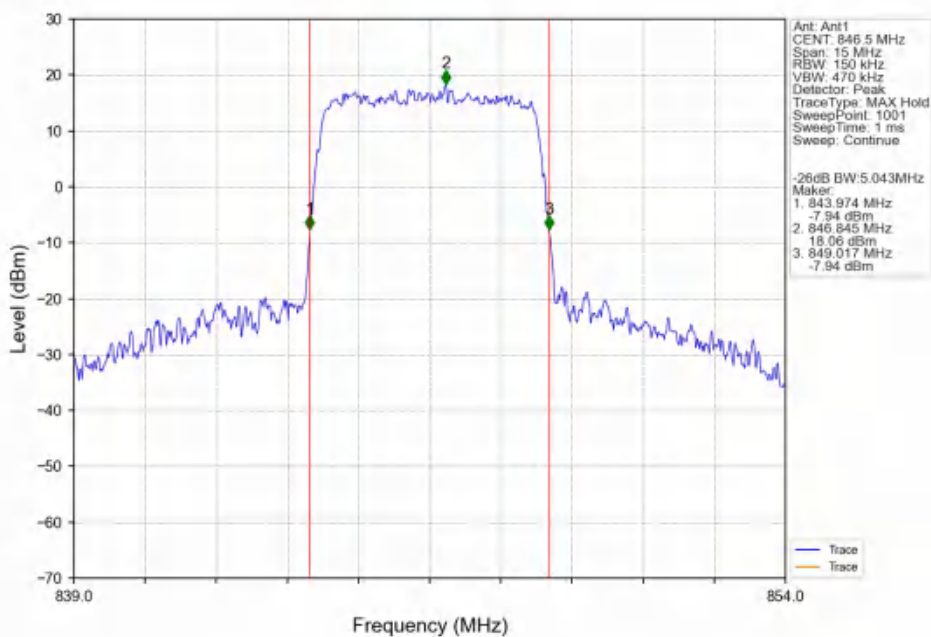
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



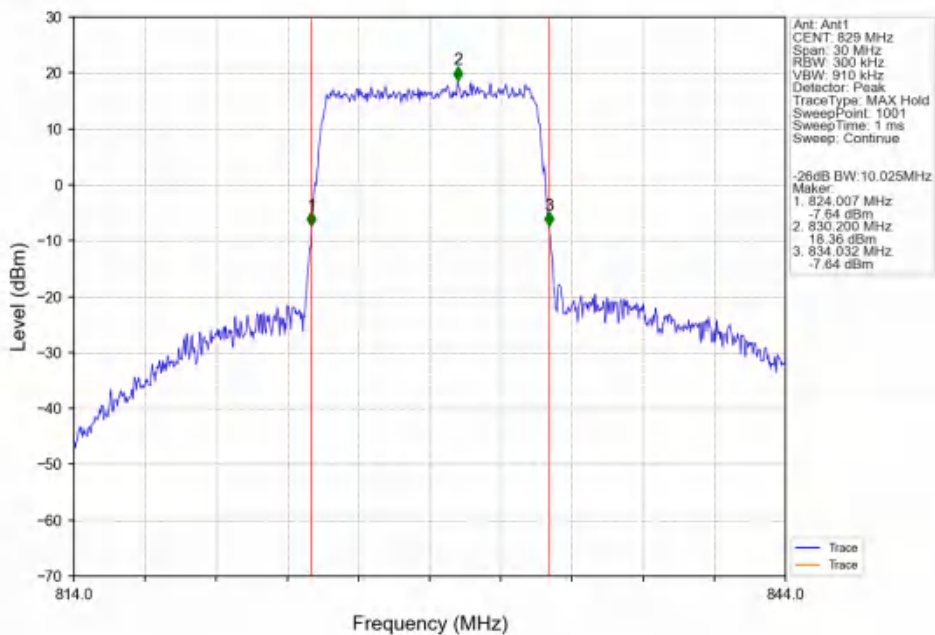
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



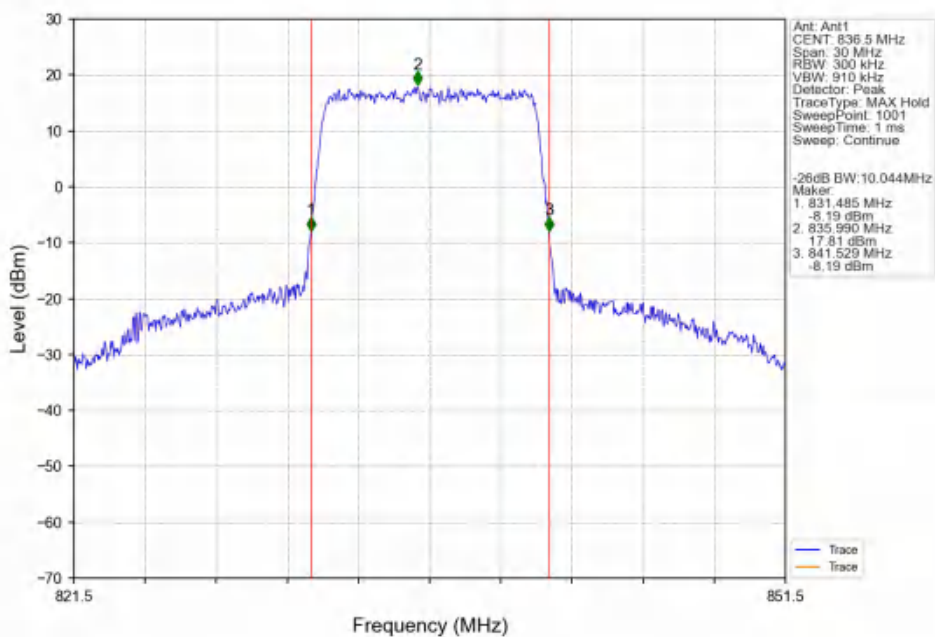
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



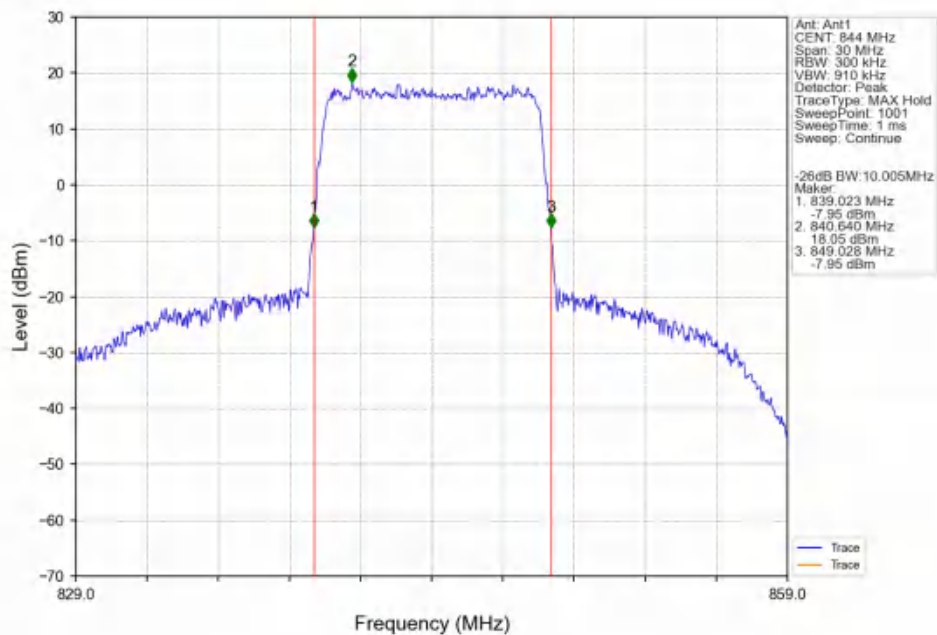
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTV



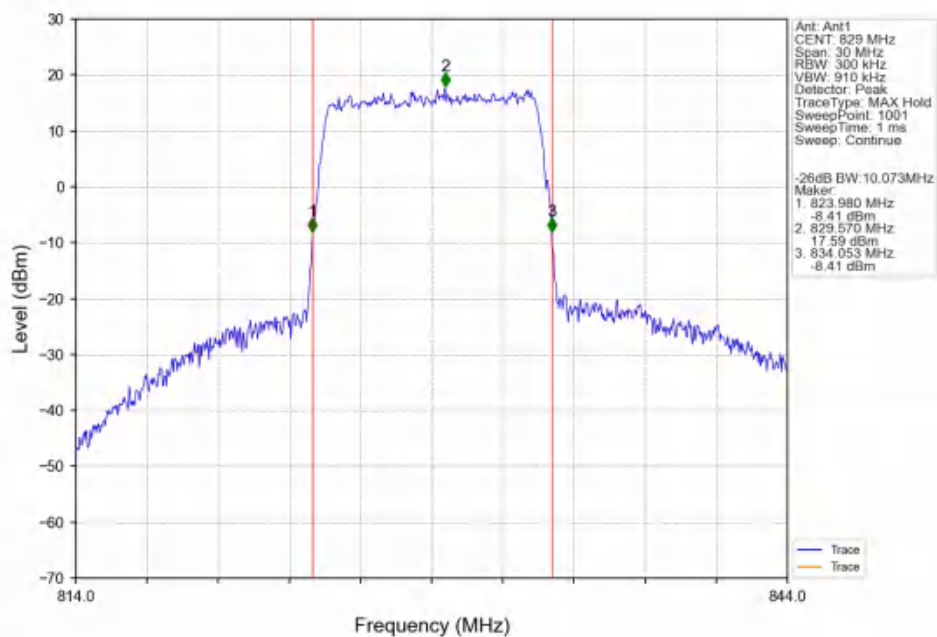
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTV



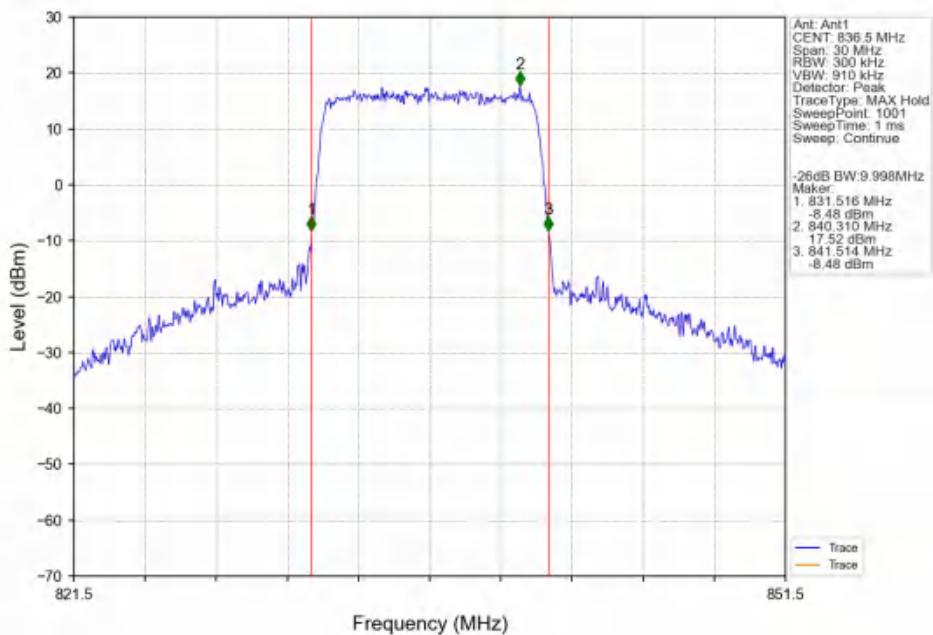
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTV



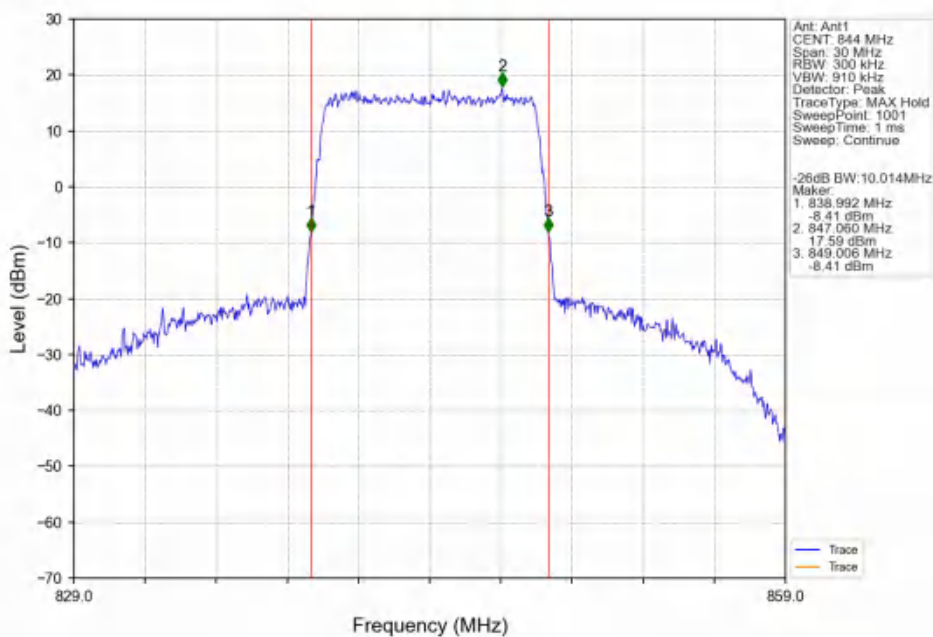
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B5\_1.4MHz

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 824.7           | 6             | 0      | 5.34                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 4.77                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 5.19                    | <=13  | Pass    |
| 16QAM                              | 824.7           | 6             | 0      | 6.07                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 5.50                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 5.98                    | <=13  | Pass    |

#### 5.1.2 B5\_3MHz

| Band: 5 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 825.5           | 15            | 0      | 5.49                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 4.92                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 5.41                    | <=13  | Pass    |
| 16QAM                            | 825.5           | 15            | 0      | 6.32                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 5.68                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 6.17                    | <=13  | Pass    |

#### 5.1.3 B5\_5MHz

| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 826.5           | 25            | 0      | 5.56                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 5.15                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 5.49                    | <=13  | Pass    |
| 16QAM                            | 826.5           | 25            | 0      | 6.37                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 5.85                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 6.16                    | <=13  | Pass    |

#### 5.1.4 B5\_10MHz

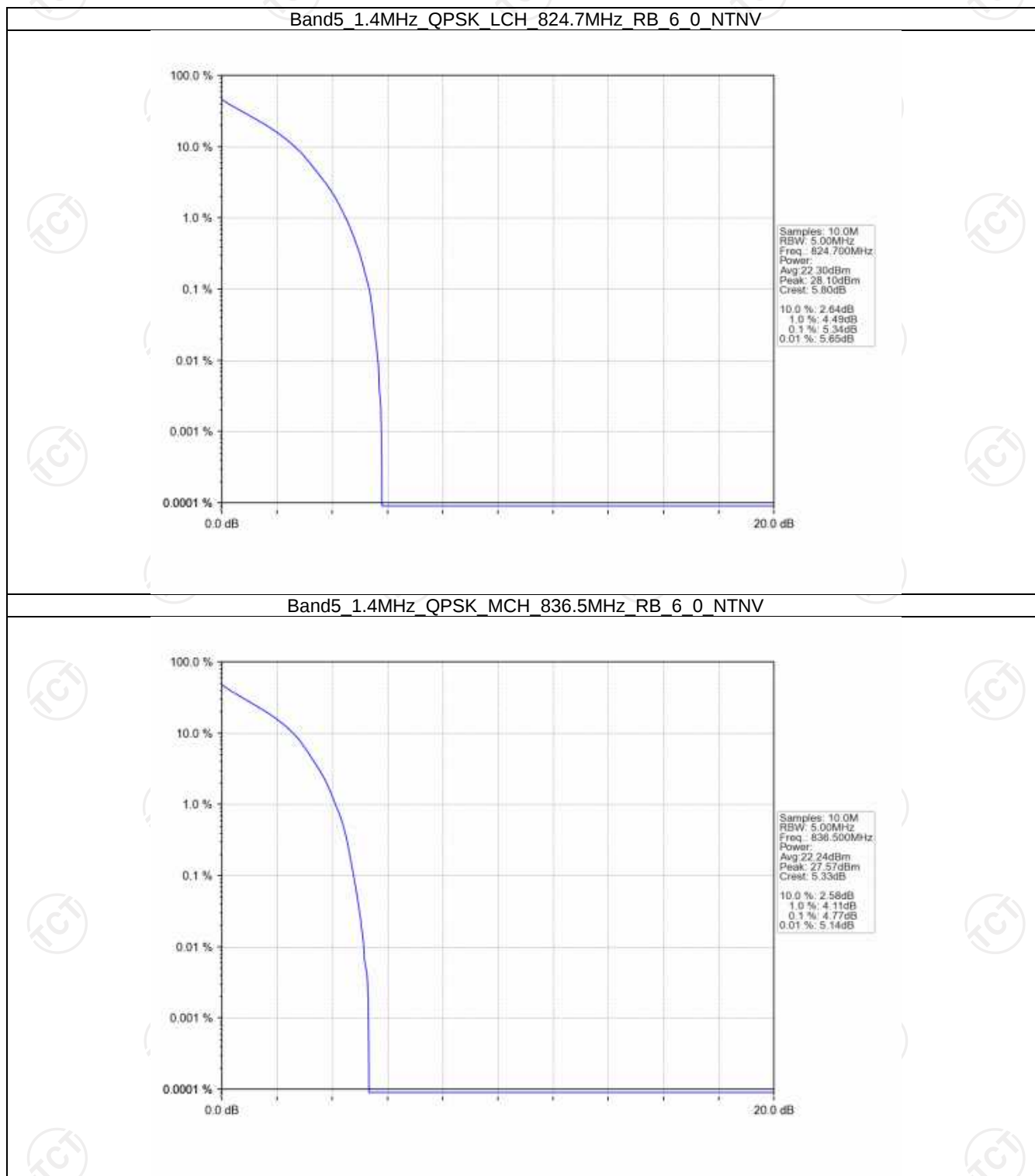
| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 829             | 50            | 0      | 5.53                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 5.27                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 5.47                    | <=13  | Pass    |
| 16QAM                             | 829             | 50            | 0      | 6.30                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 5.98                    | <=13  | Pass    |

|  |     |    |   |      |      |      |
|--|-----|----|---|------|------|------|
|  | 844 | 50 | 0 | 6.17 | <=13 | Pass |
|--|-----|----|---|------|------|------|

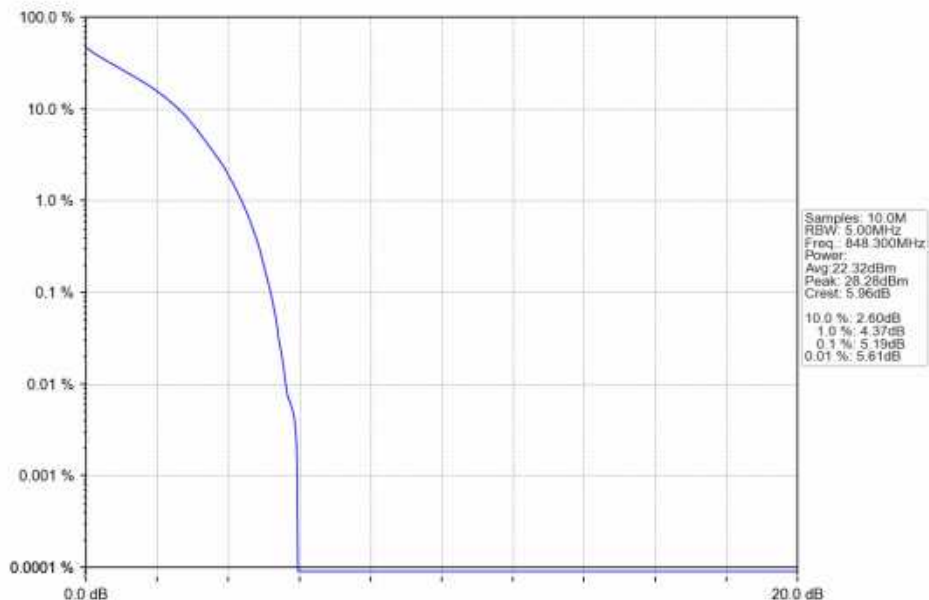


## 5.2 Test Graph

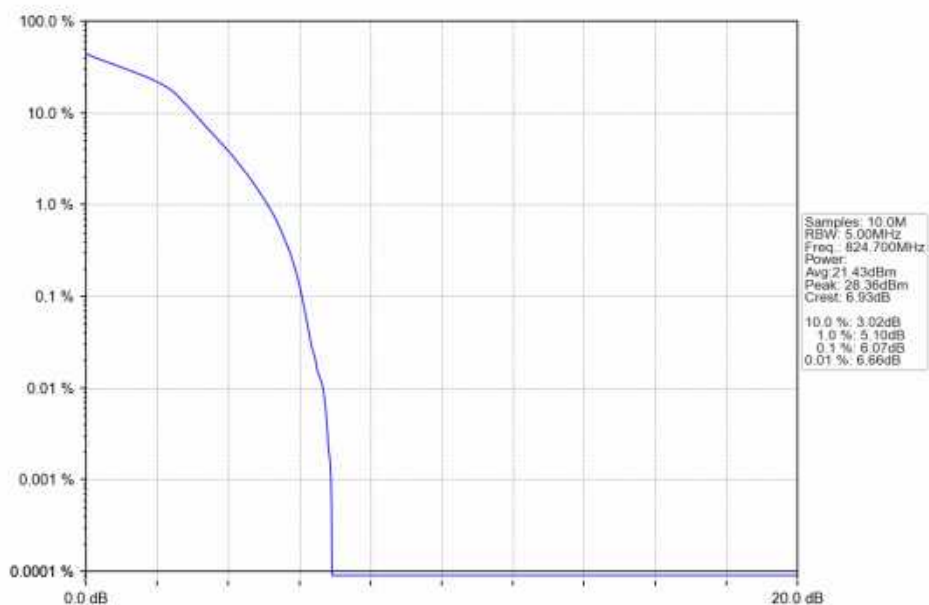
### 5.2.1 B5\_1.4MHz



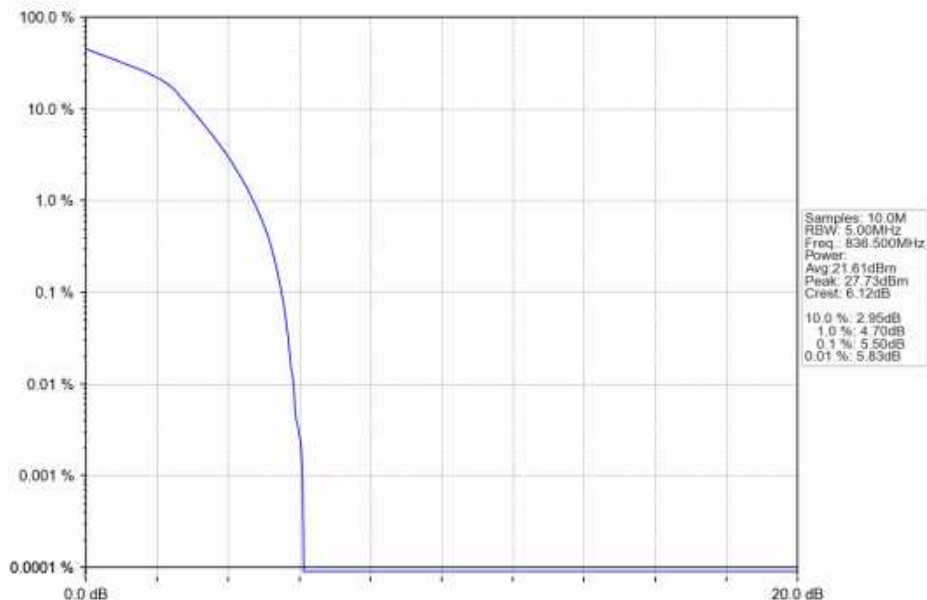
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



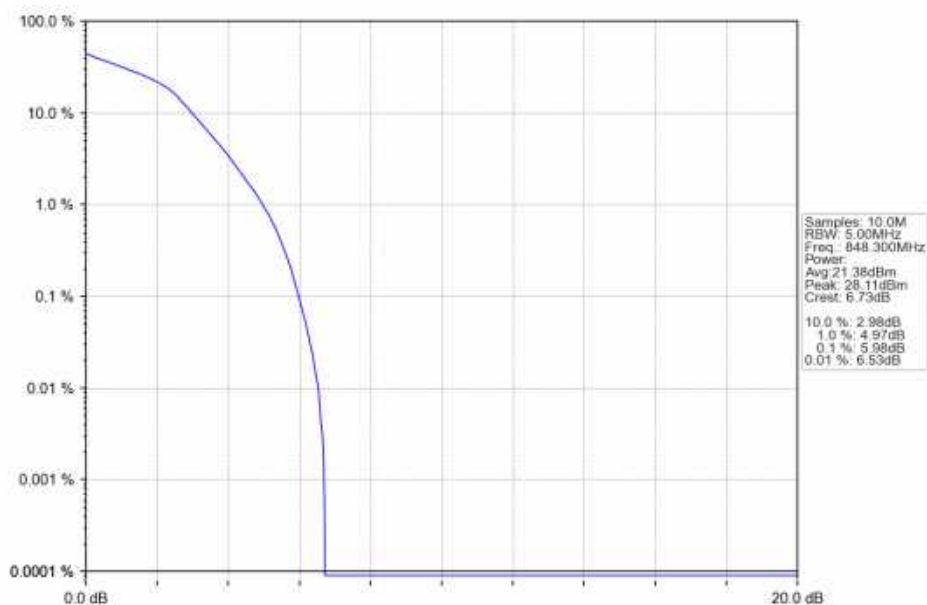
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



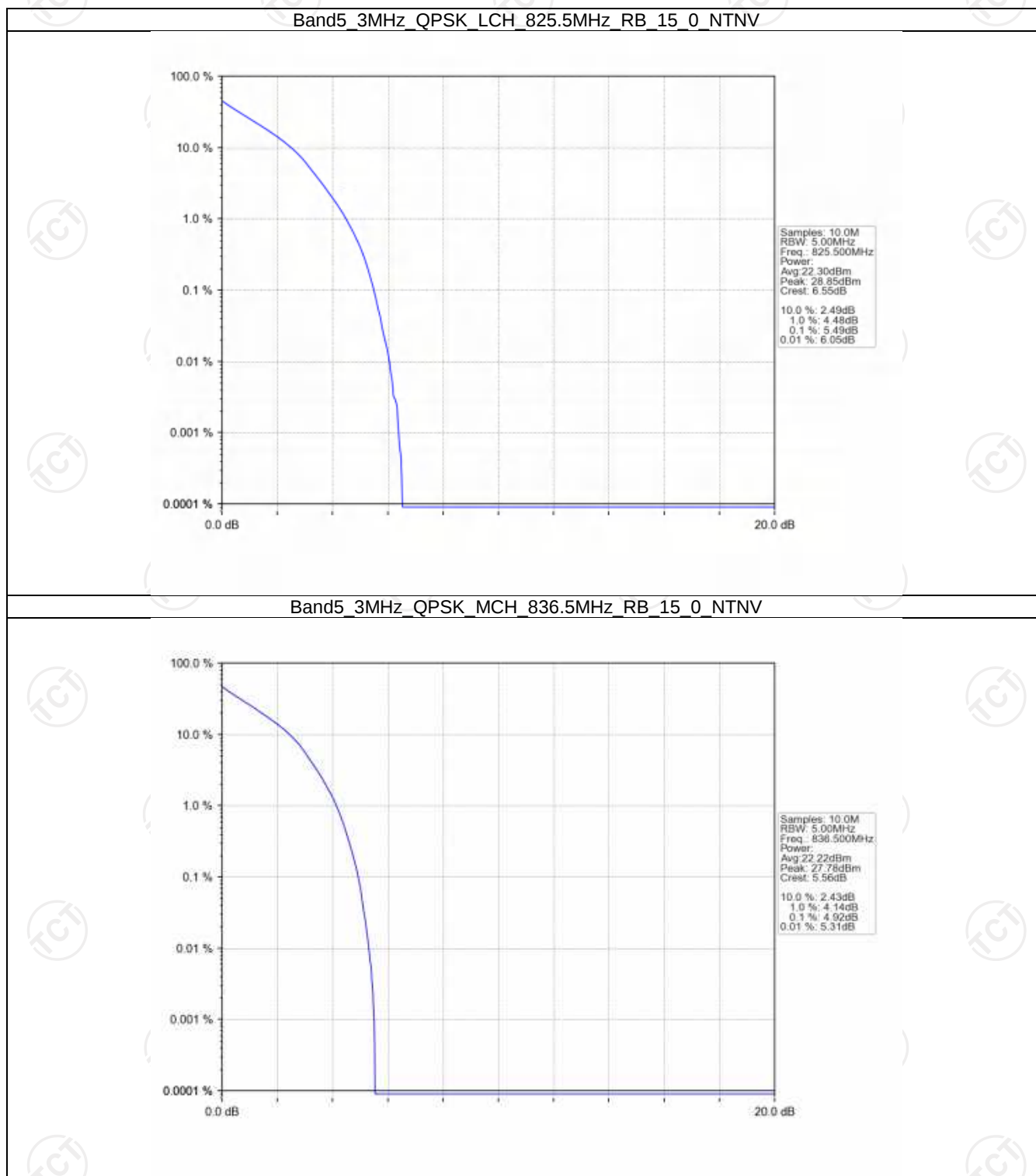
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



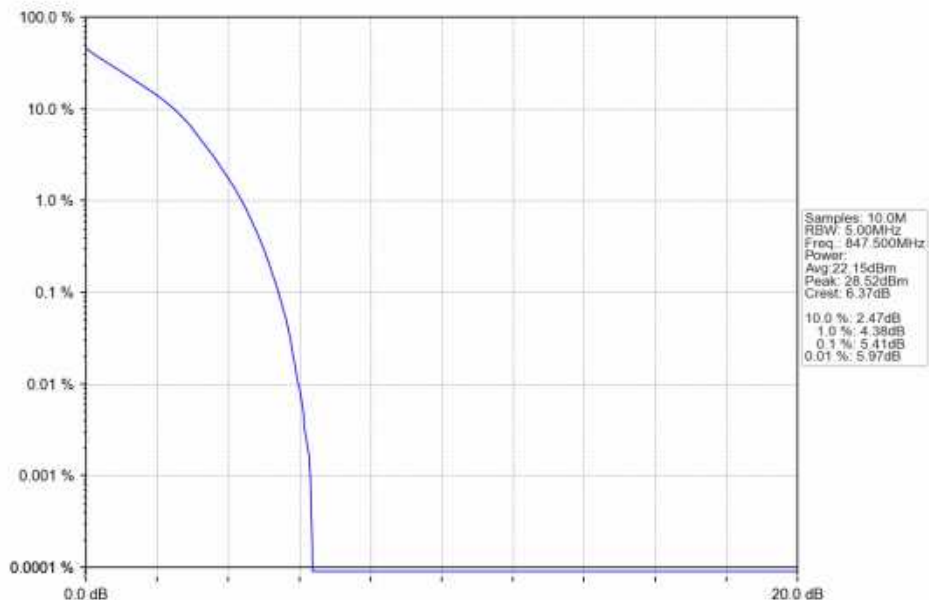
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



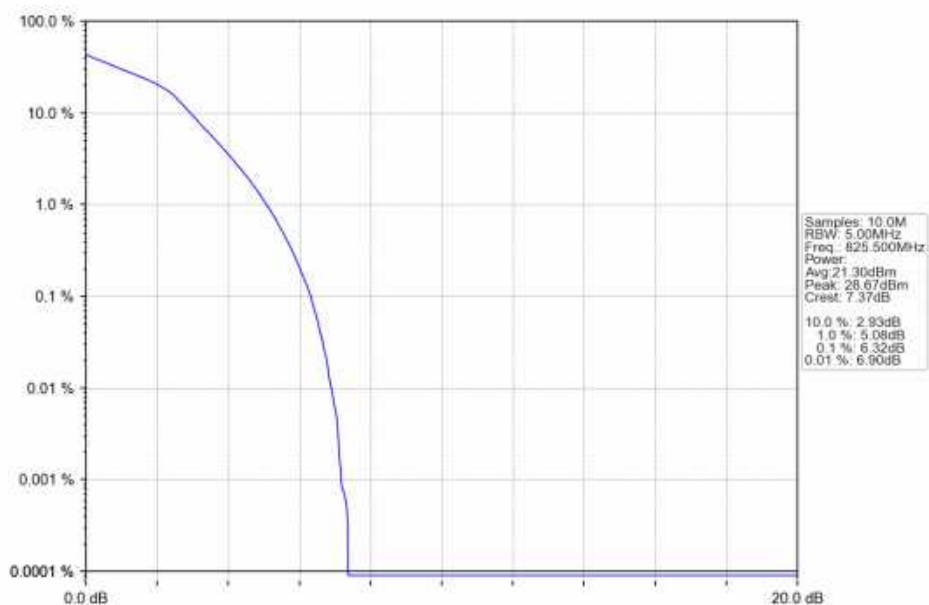
## 5.2.2 B5\_3MHz



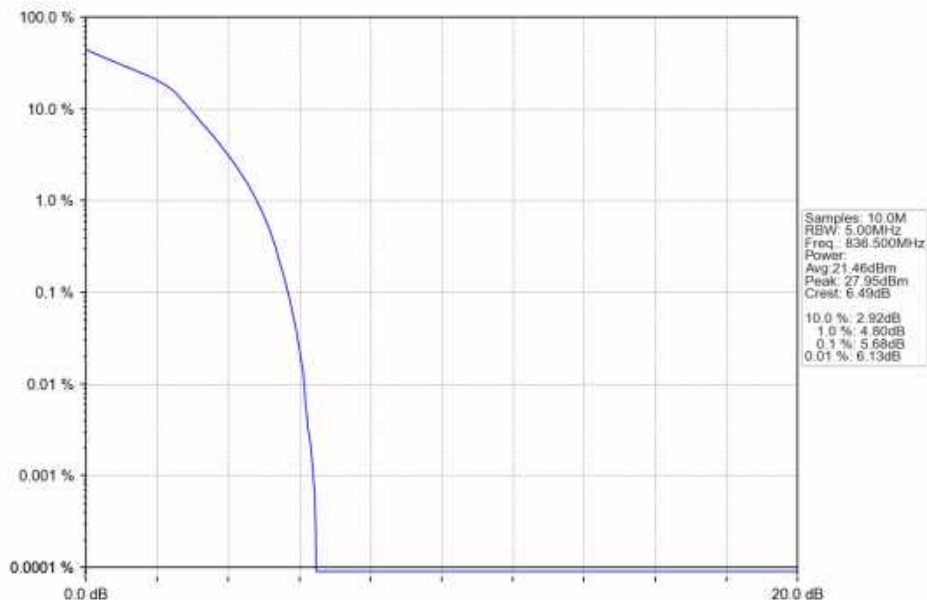
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



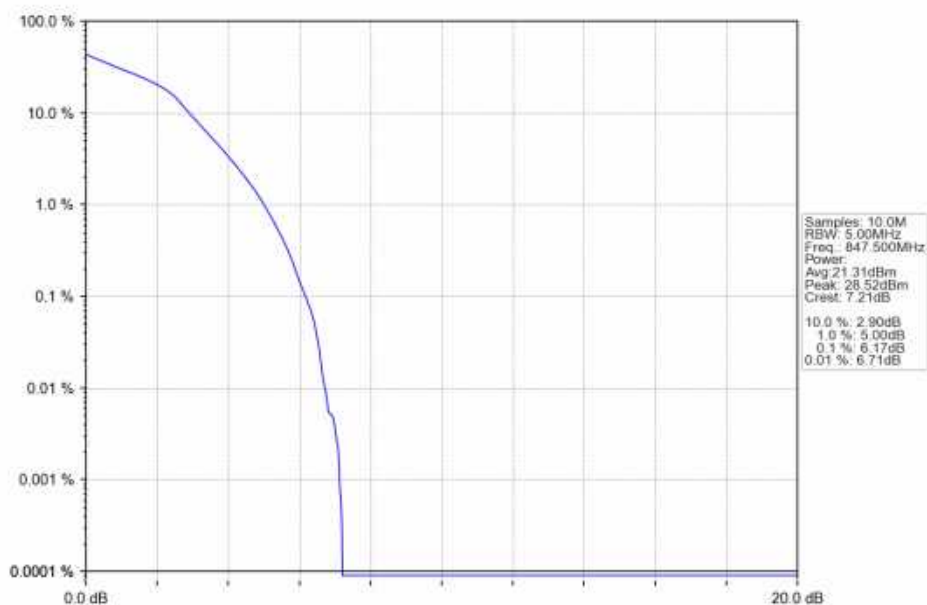
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



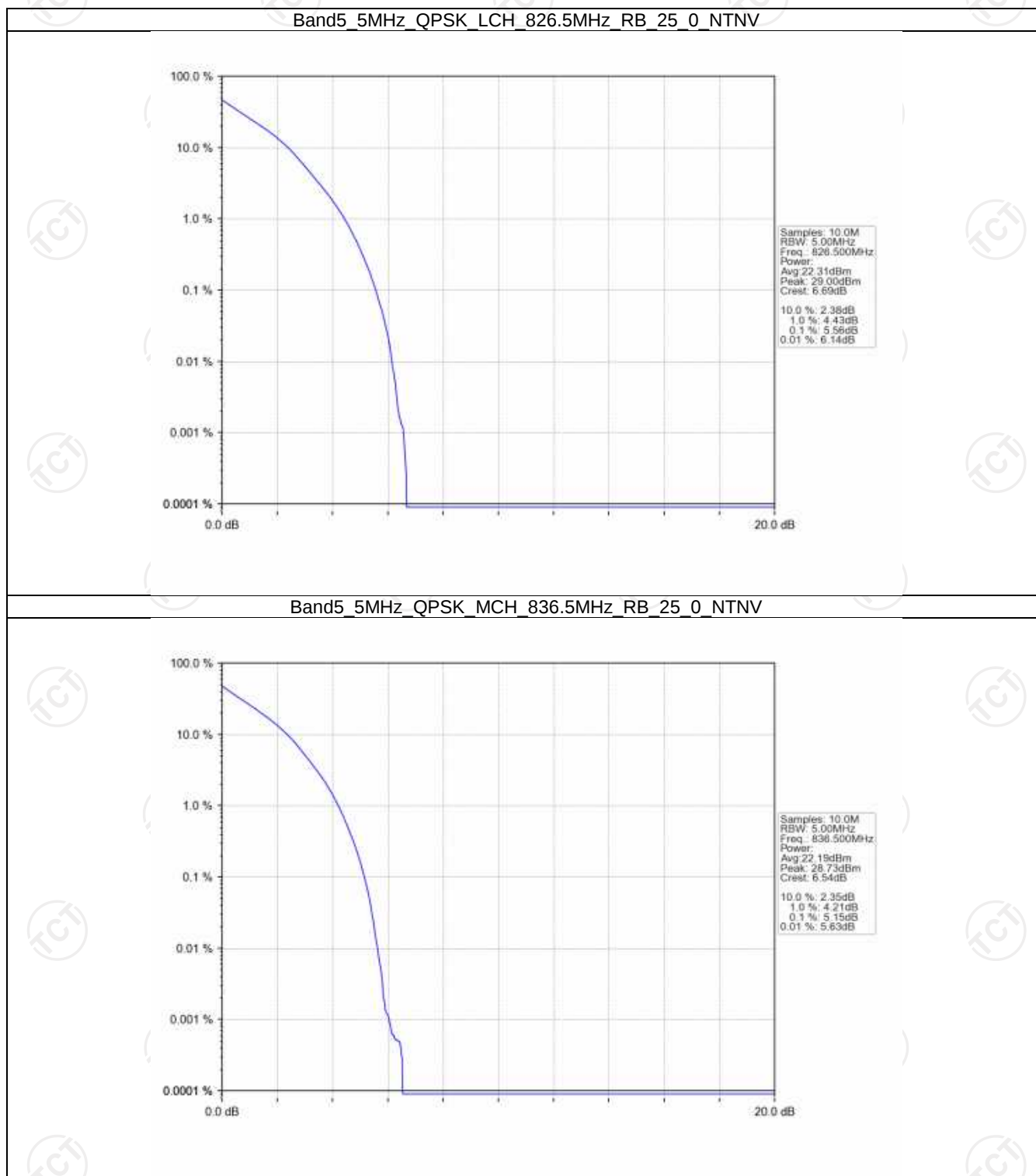
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



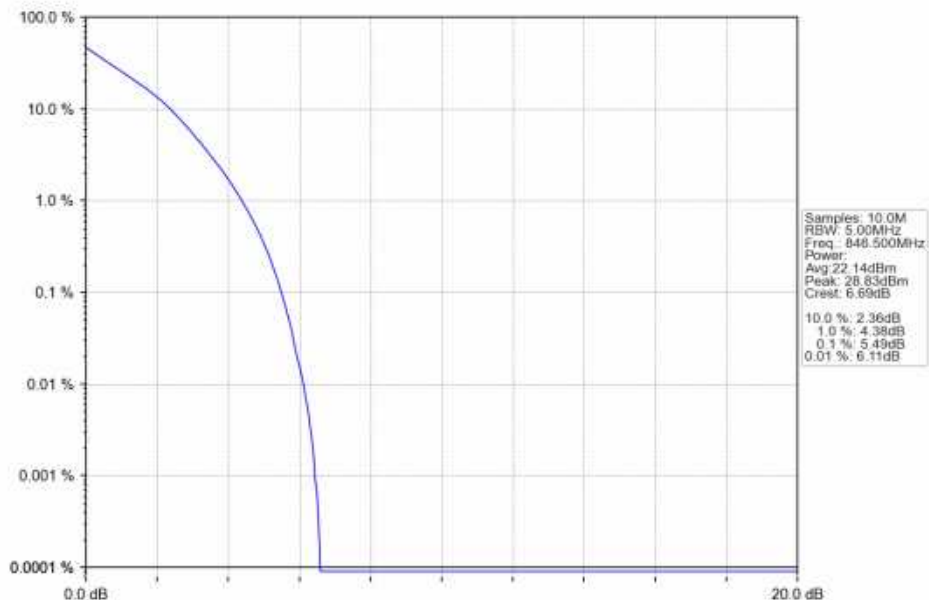
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV



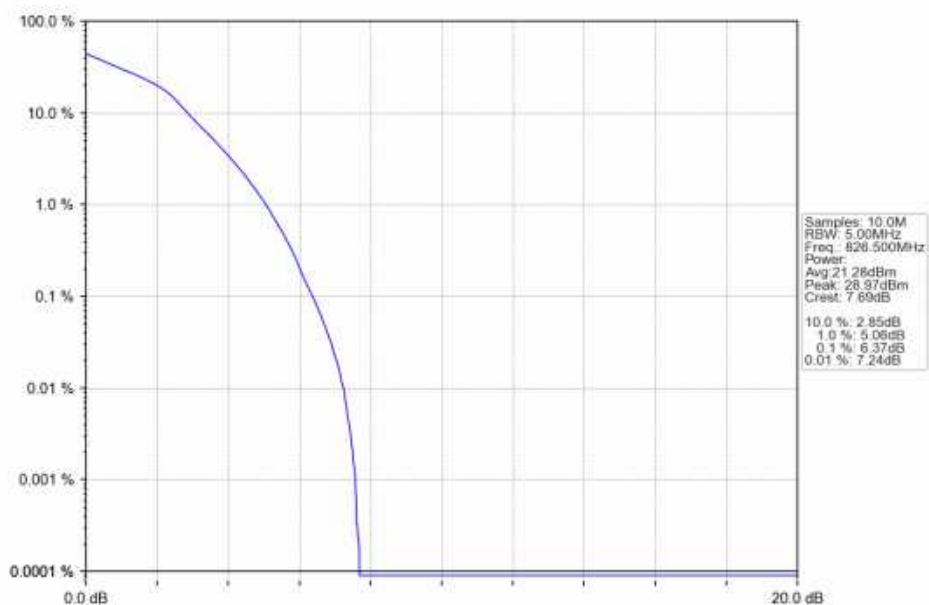
### 5.2.3 B5\_5MHz



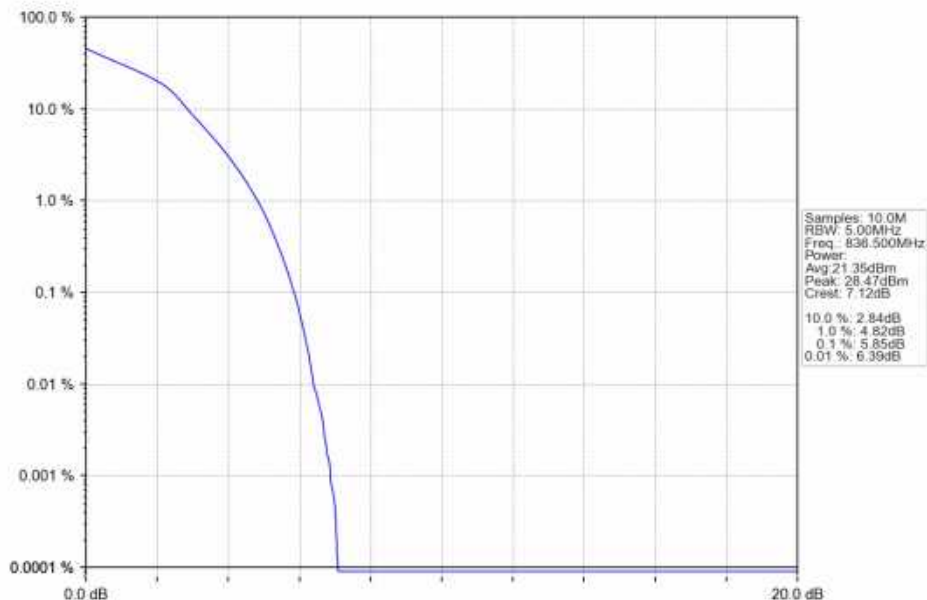
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



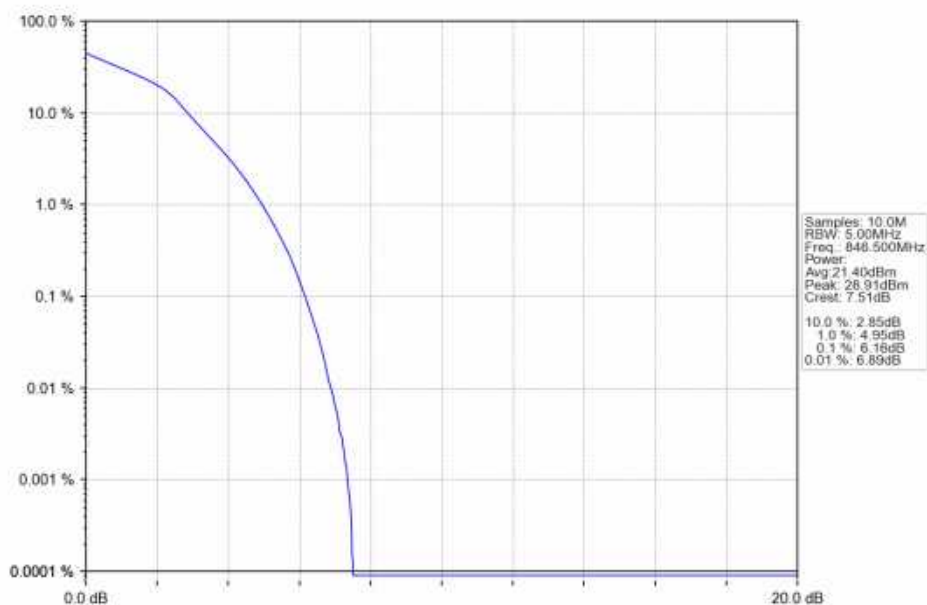
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



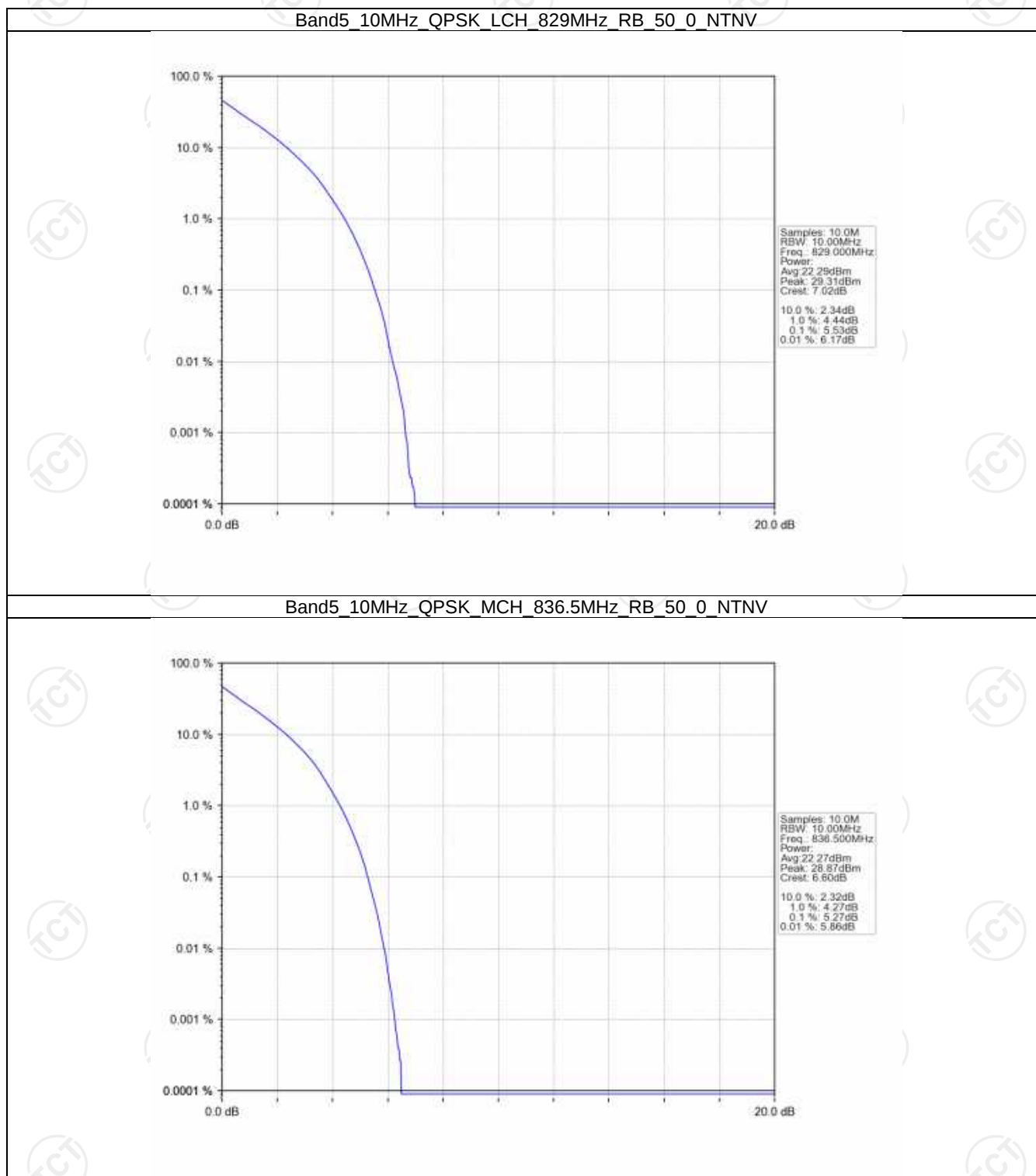
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



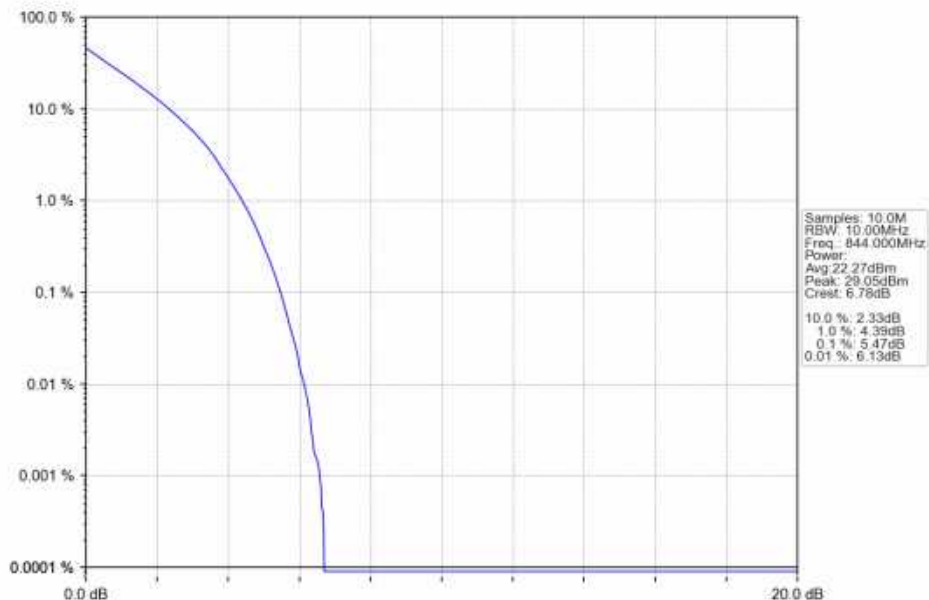
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



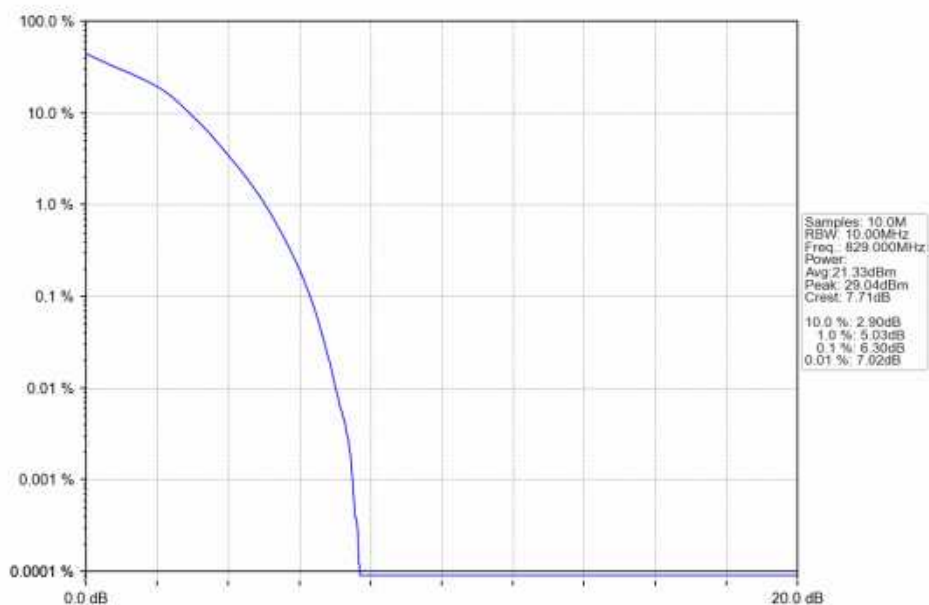
## 5.2.4 B5\_10MHz



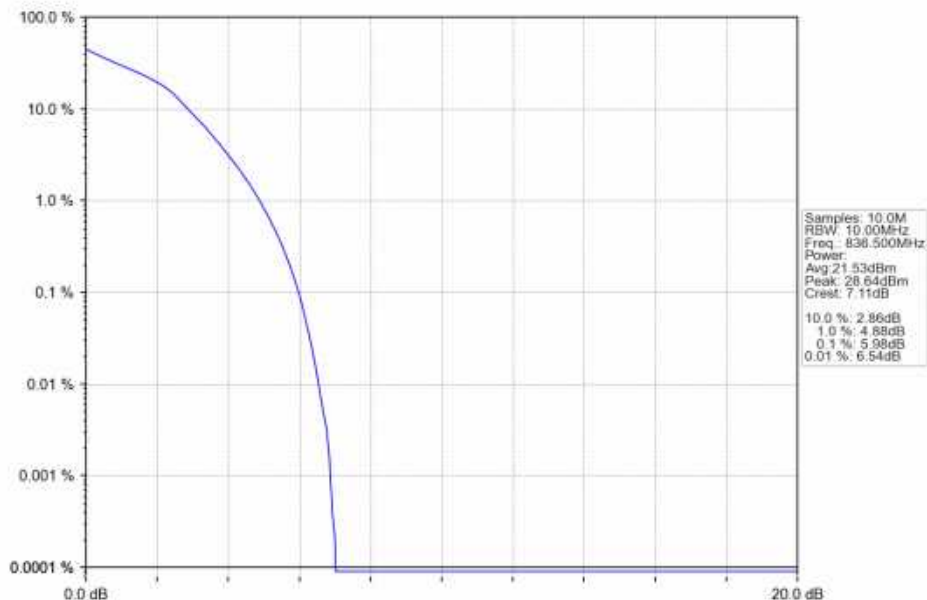
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTN



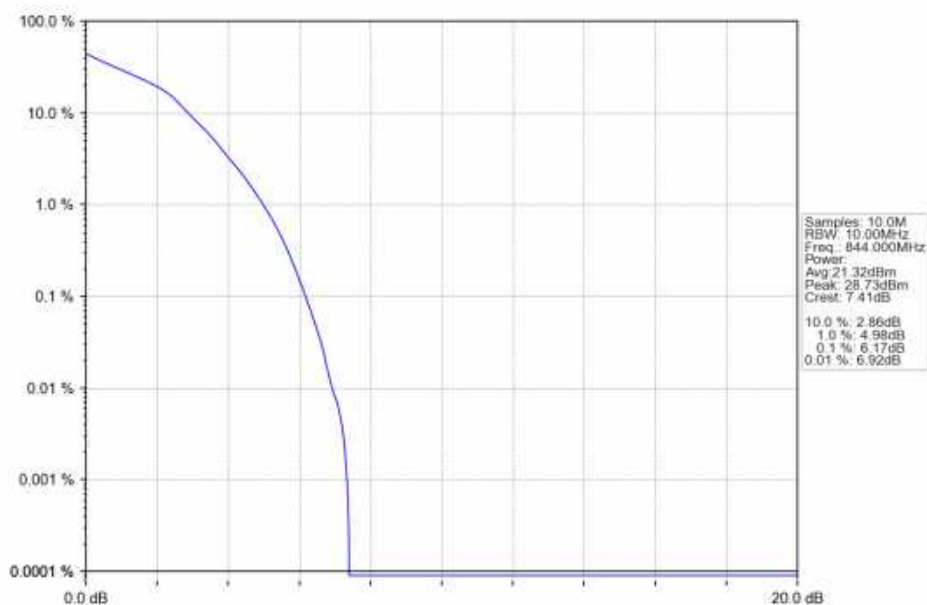
Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTN



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B5\_1.4MHz

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 824.7           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 848.3           | 1             | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 824.7           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 848.3           | 1             | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B5\_3MHz

| Band: 5 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 825.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 847.5           | 1             | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 825.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 847.5           | 1             | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B5\_5MHz

| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 826.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 846.5           | 1             | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 826.5           | 1             | 0      | Refer To Test Graph |       | Pass    |

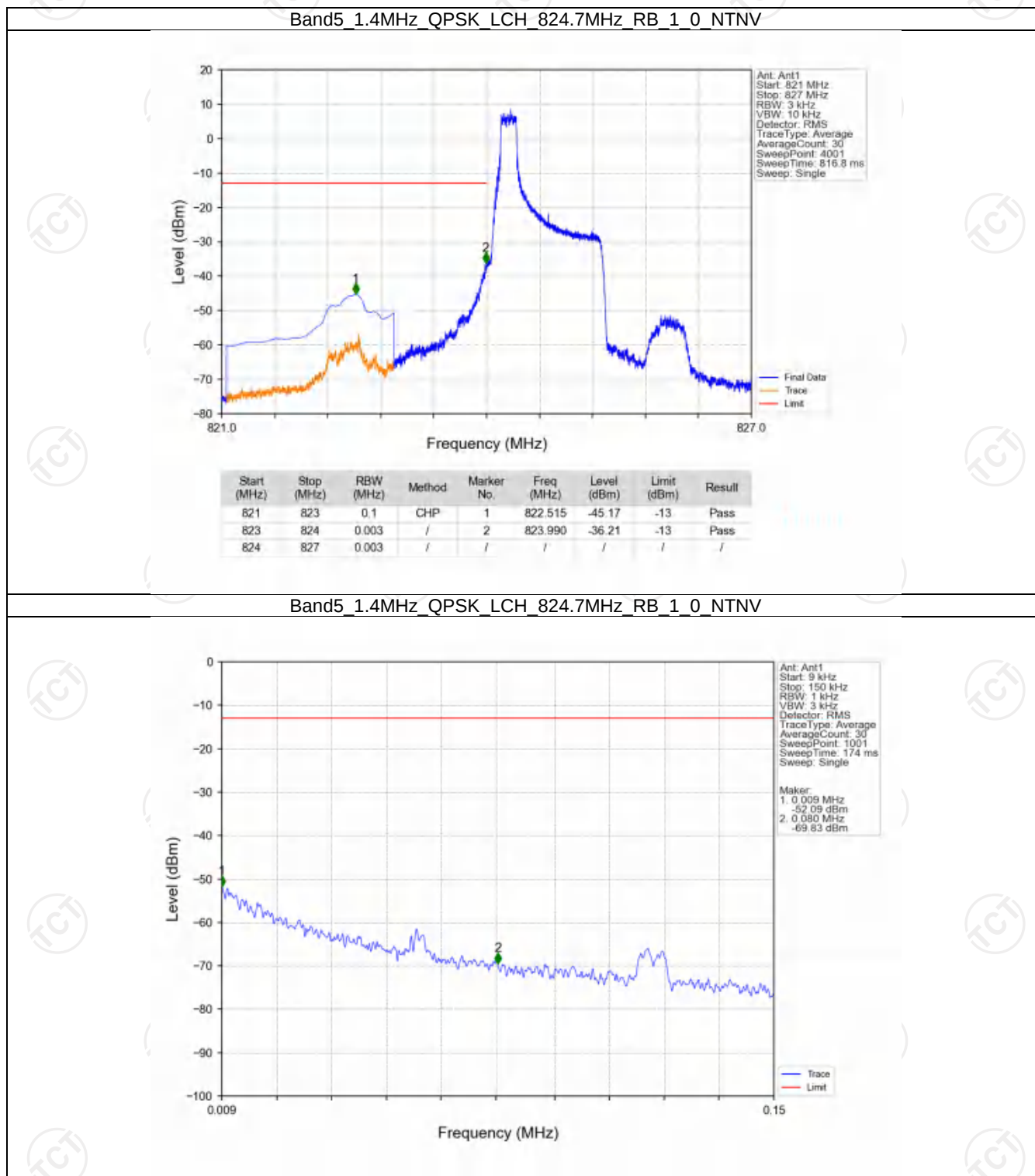
|  |       |    |    |                     |      |
|--|-------|----|----|---------------------|------|
|  |       | 25 | 0  | Refer To Test Graph | Pass |
|  | 836.5 | 1  | 0  | Refer To Test Graph | Pass |
|  | 846.5 | 1  | 0  | Refer To Test Graph | Pass |
|  |       |    | 24 | Refer To Test Graph | Pass |
|  |       | 25 | 0  | Refer To Test Graph | Pass |

#### 6.1.4 B5\_10MHz

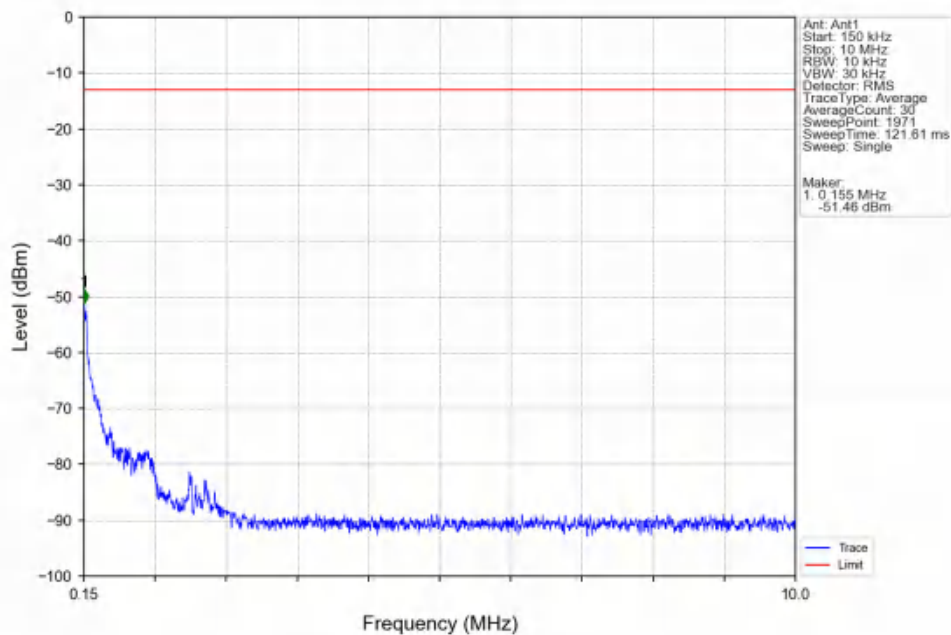
| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 829             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 844             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 829             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 836.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 844             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

## 6.2 Test Graph

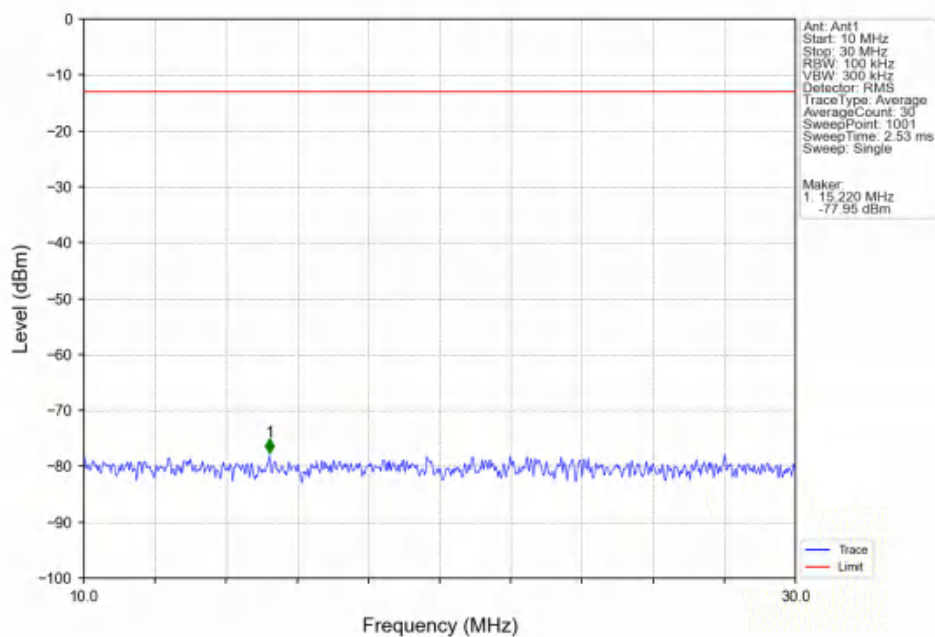
### 6.2.1 B5\_1.4MHz



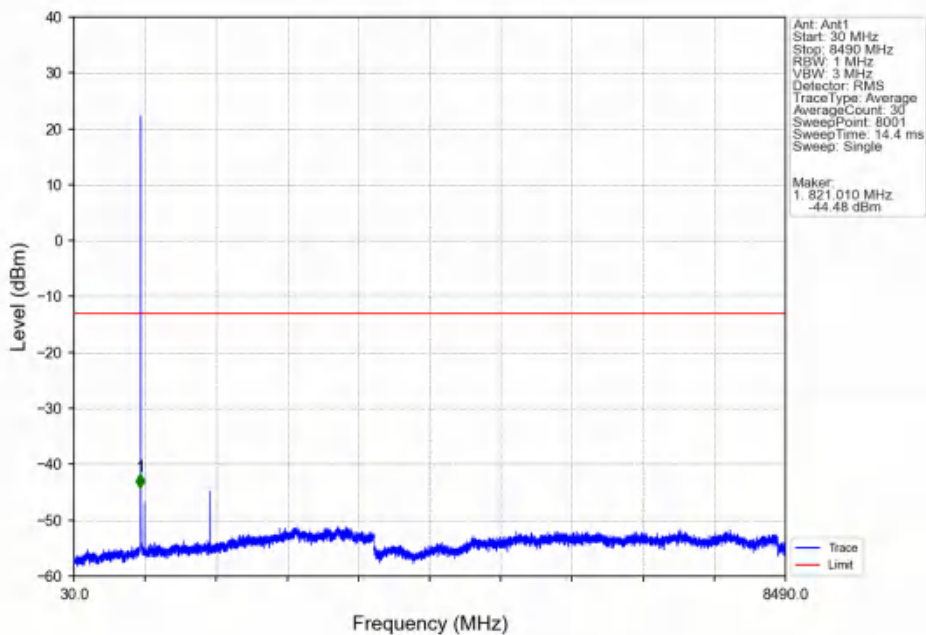
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



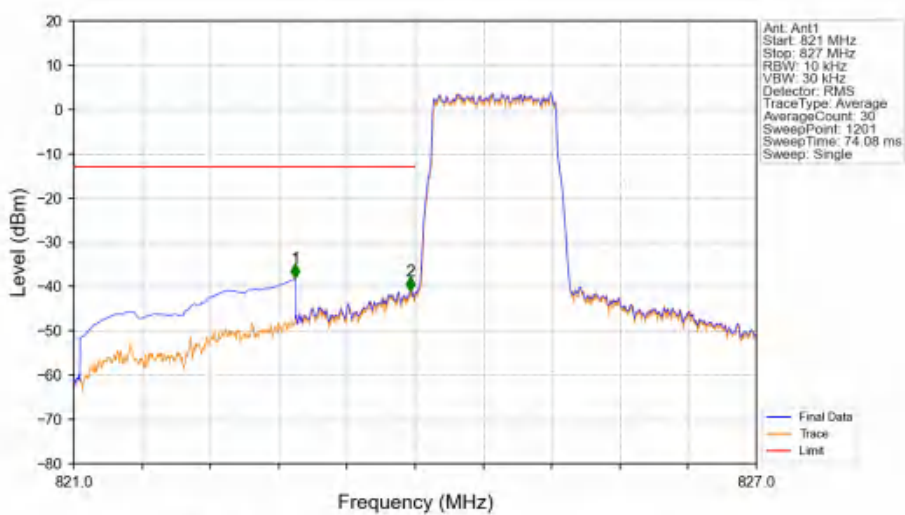
Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTN



Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV

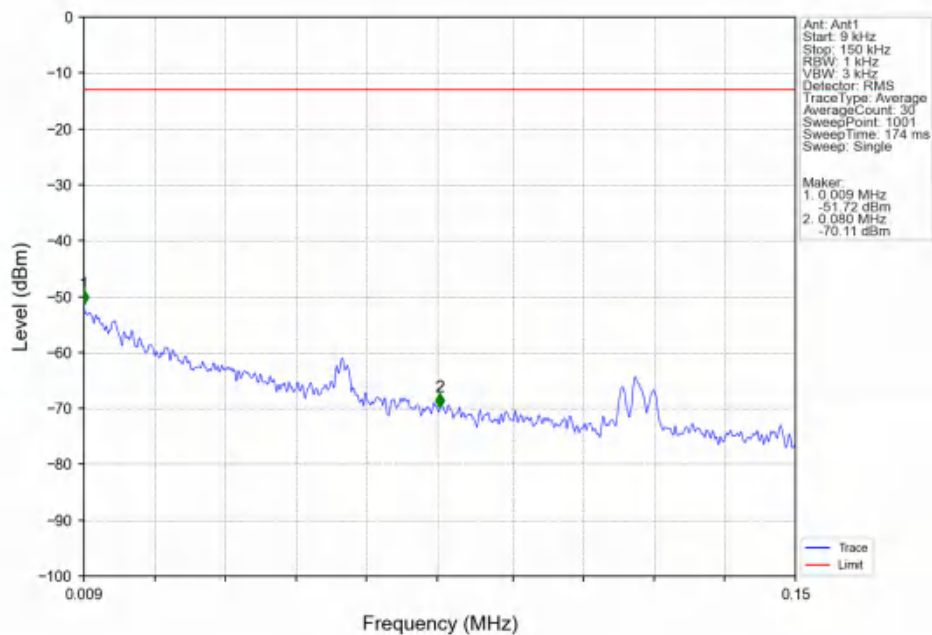


Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV

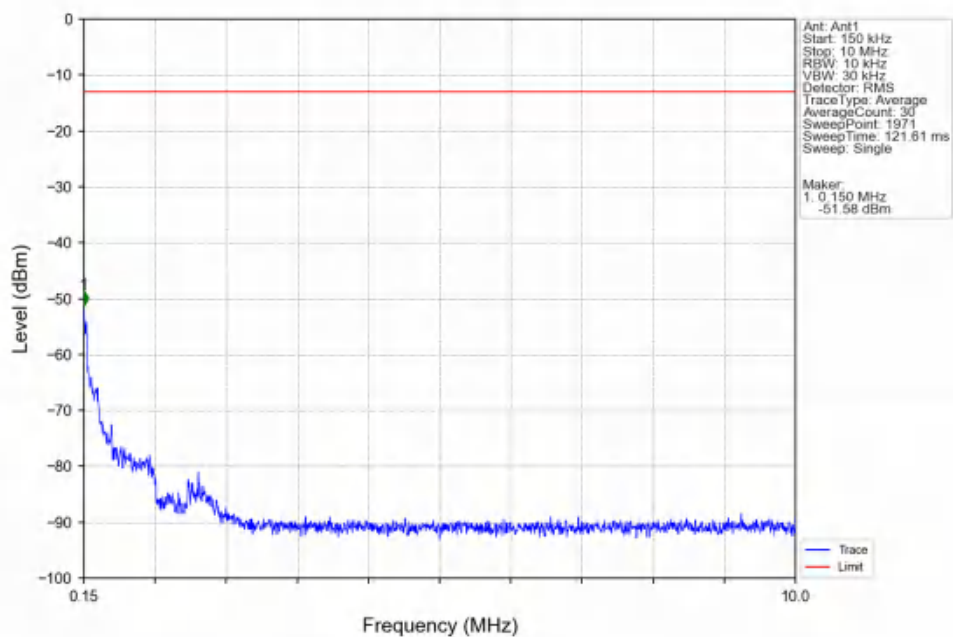


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.945    | -38.13      | -13         | Pass   |
| 823         | 824        | 0.013     | CHP    | 2          | 823.960    | -40.98      | -13         | Pass   |
| 824         | 827        | 0.013     | CHP    | /          | /          | /           | /           | /      |

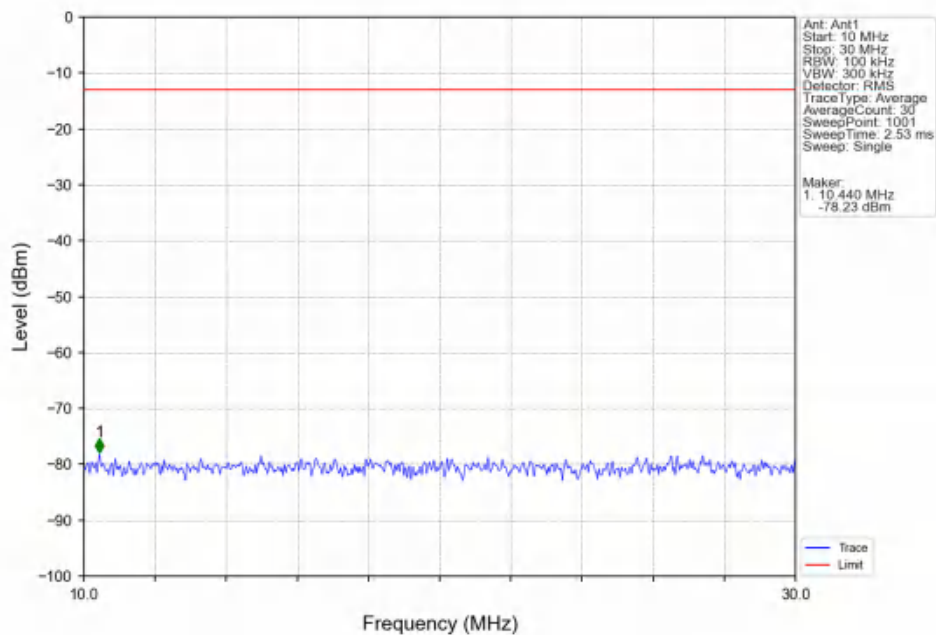
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



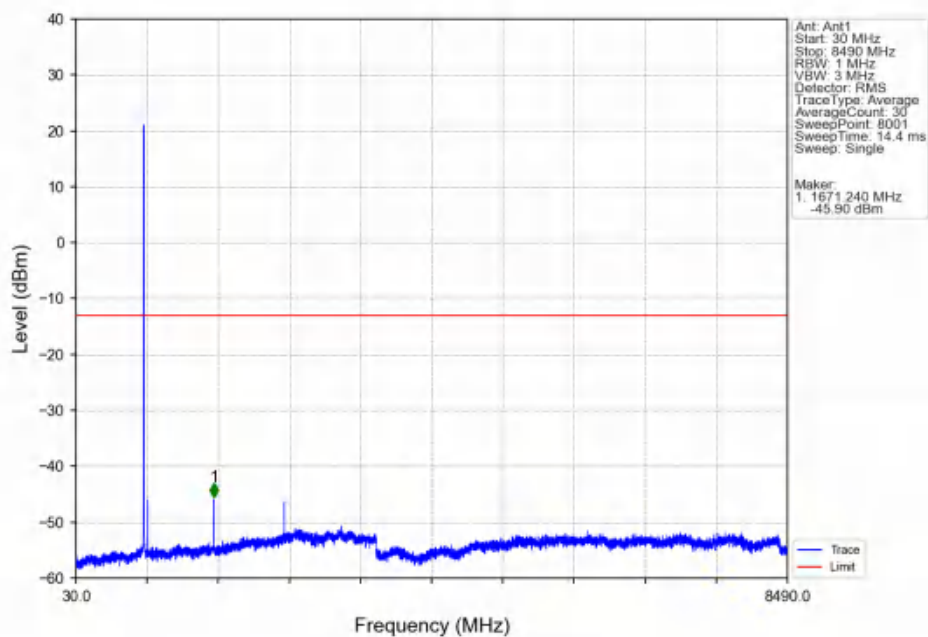
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



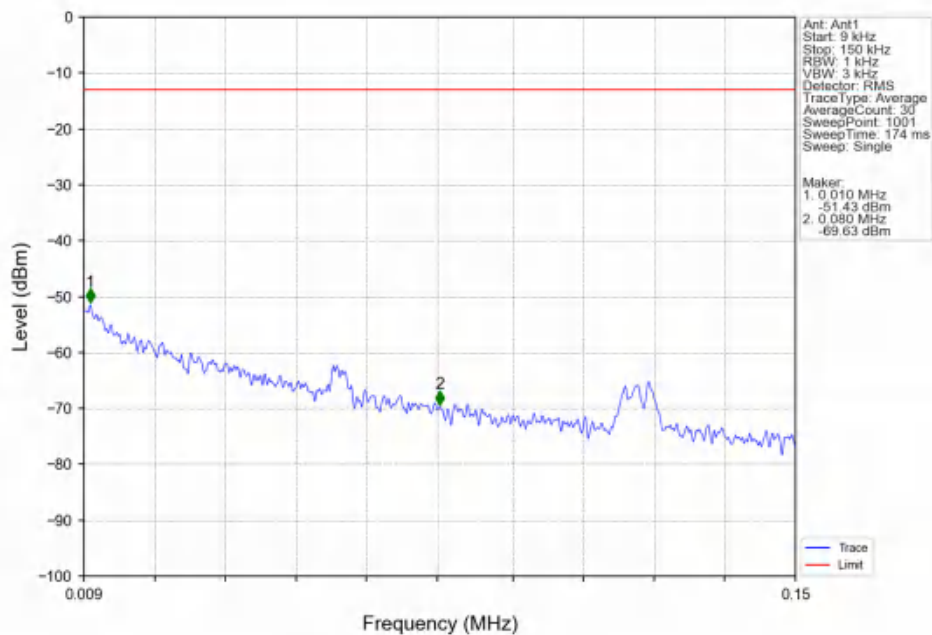
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



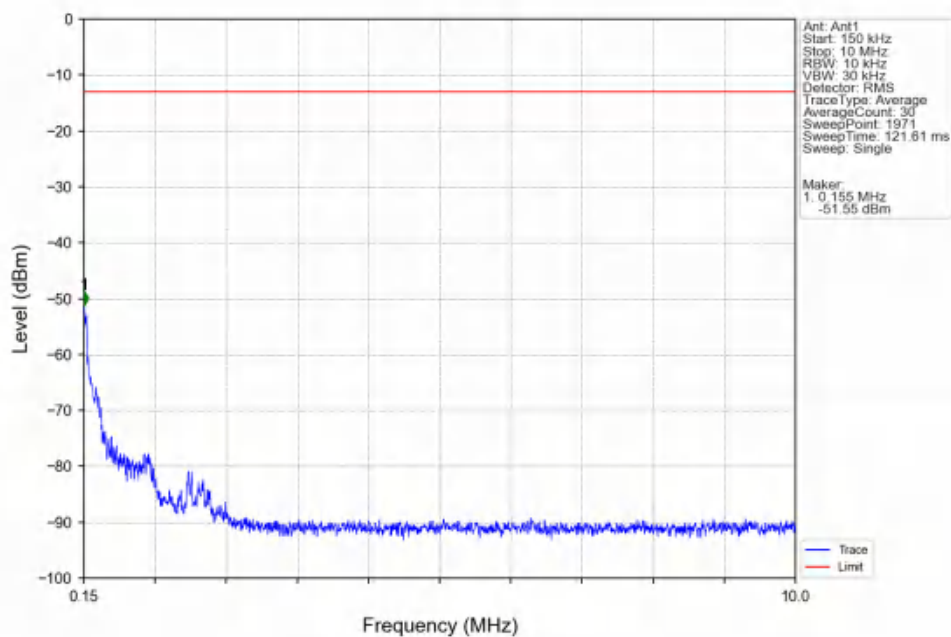
Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTNV



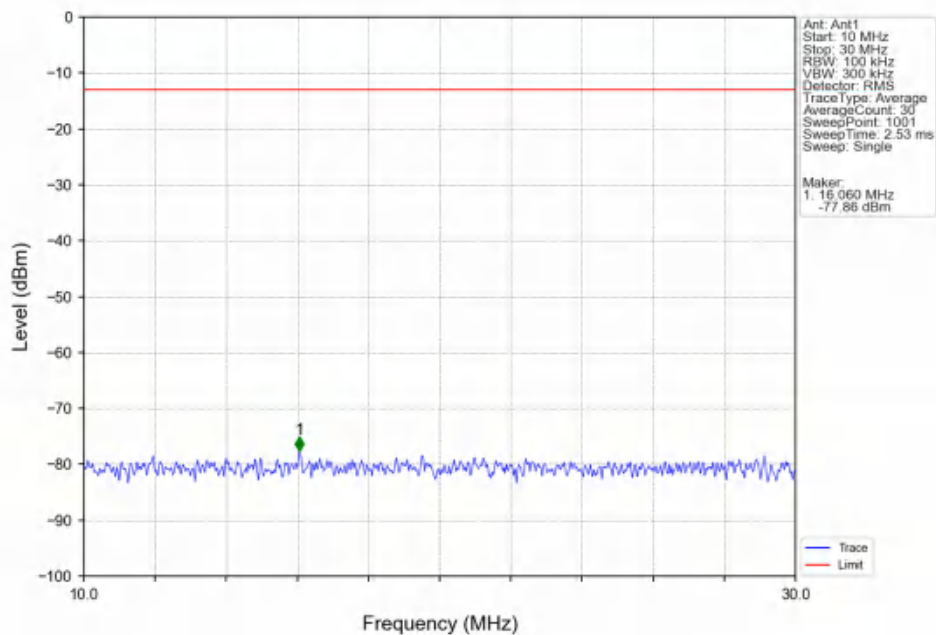
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



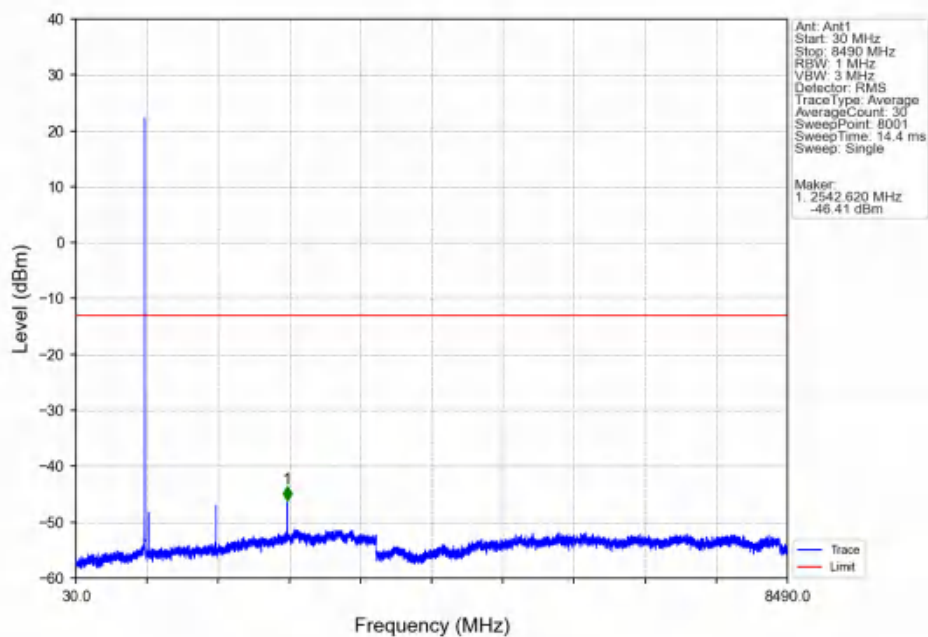
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



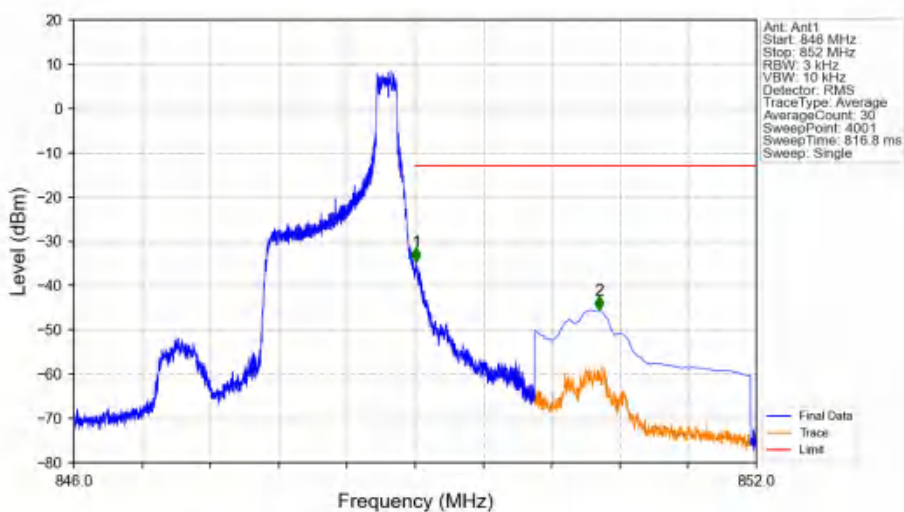
Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz QPSK HCH 848.3MHz RB 1 0 NTNV

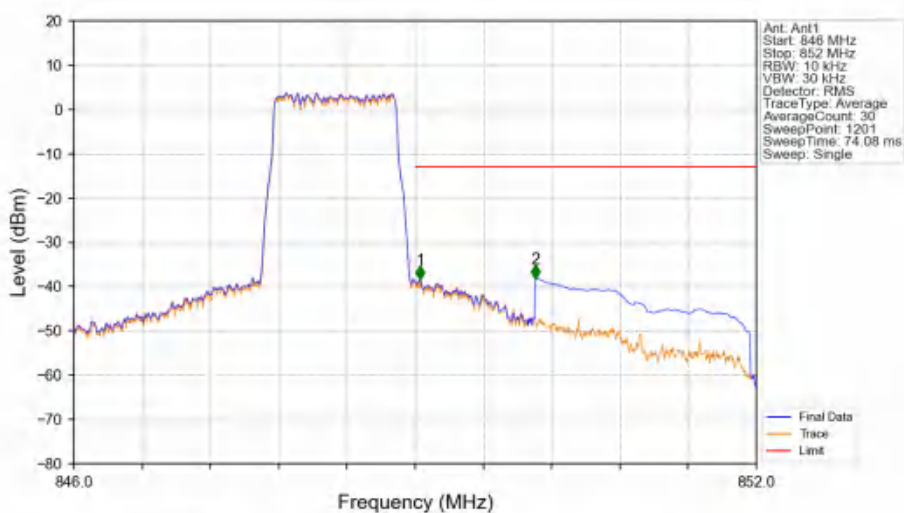


Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



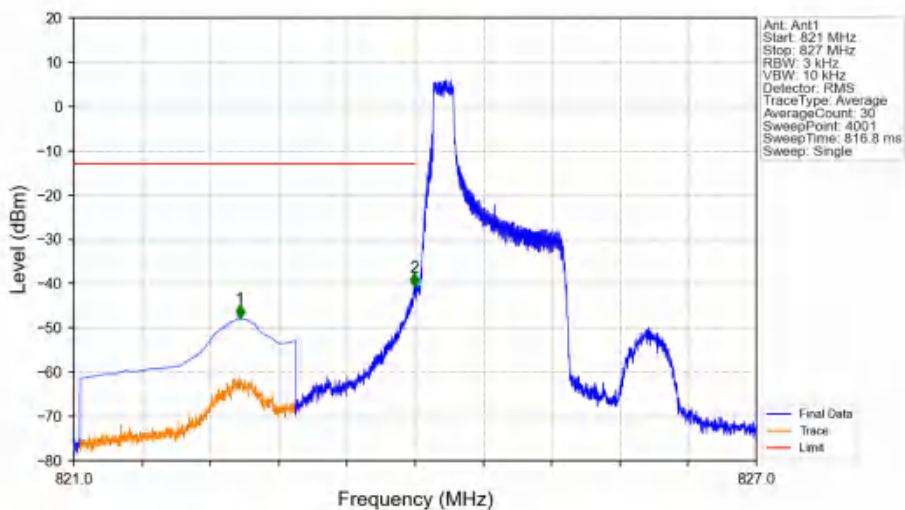
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.009    | -34.59      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.617    | -45.47      | -13         | Pass   |

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV

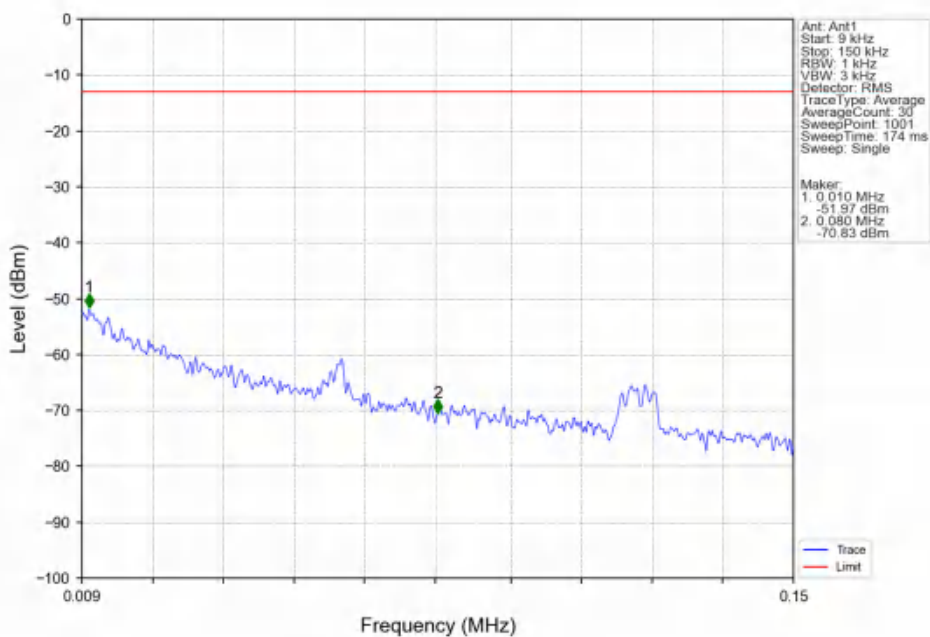


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.013     | CHP    | 1          | 849.045    | -38.45      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.055    | -38.17      | -13         | Pass   |

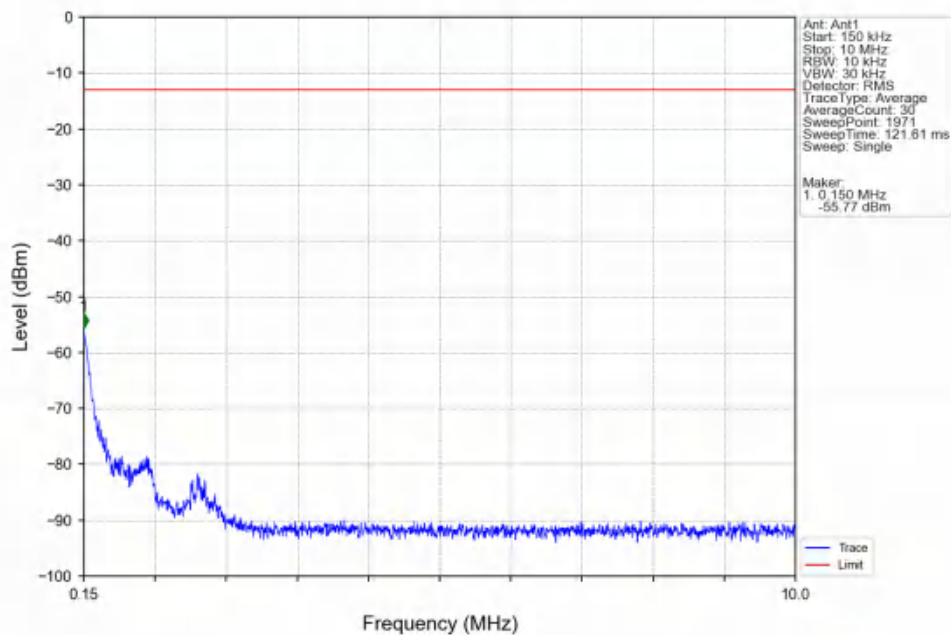
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



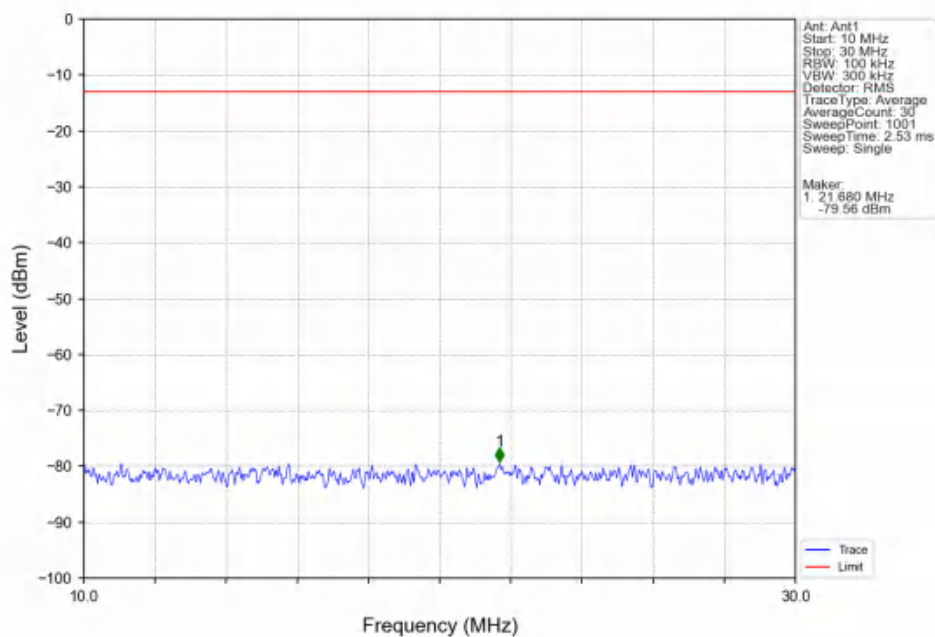
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



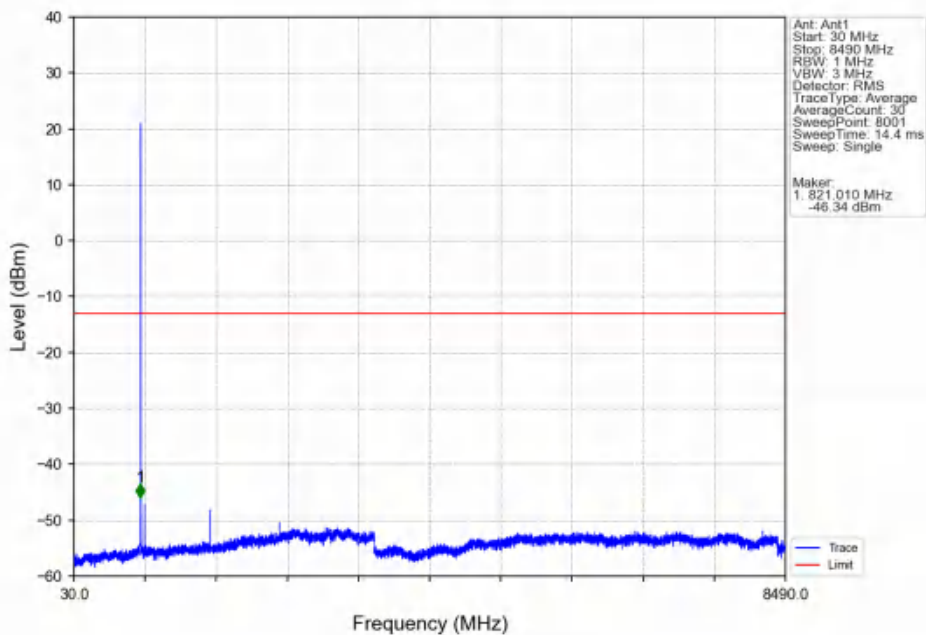
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



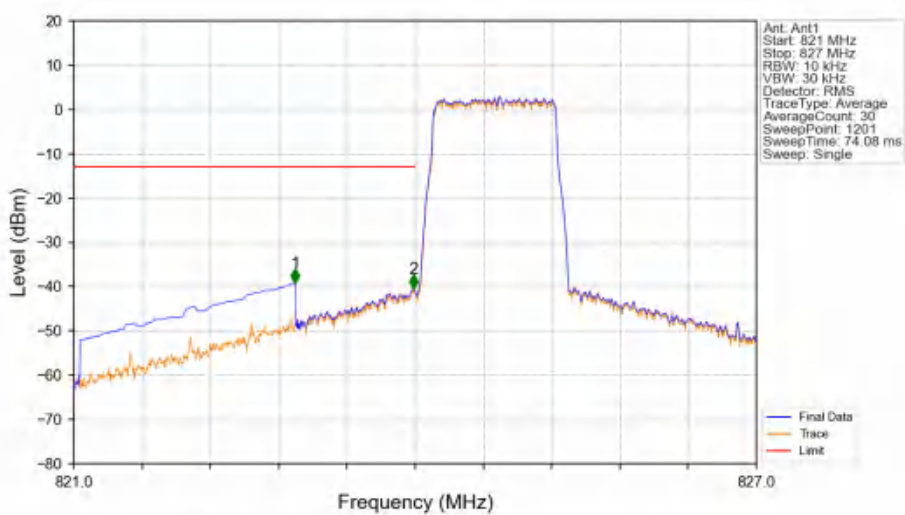
Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTNV



Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV

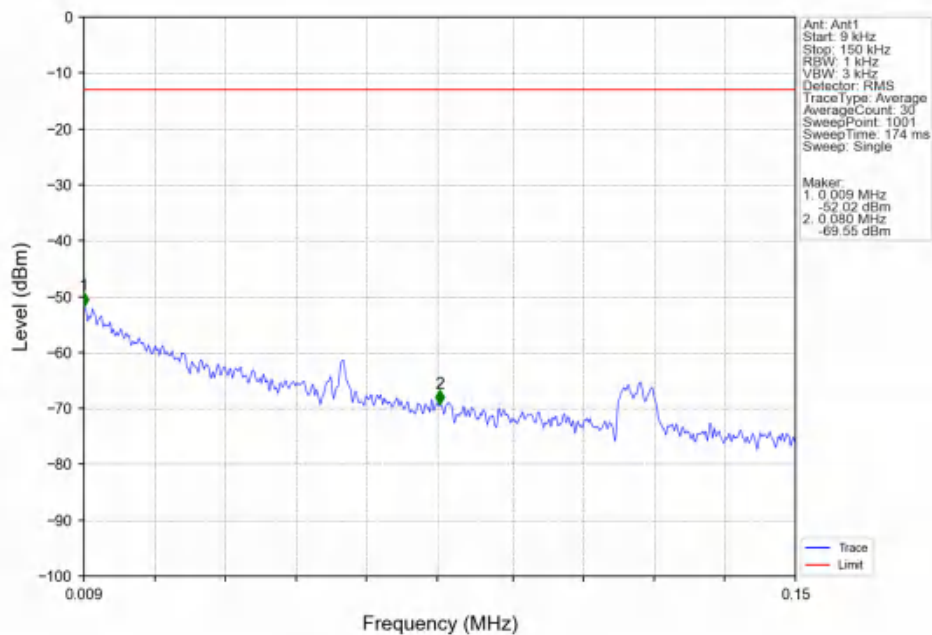


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV

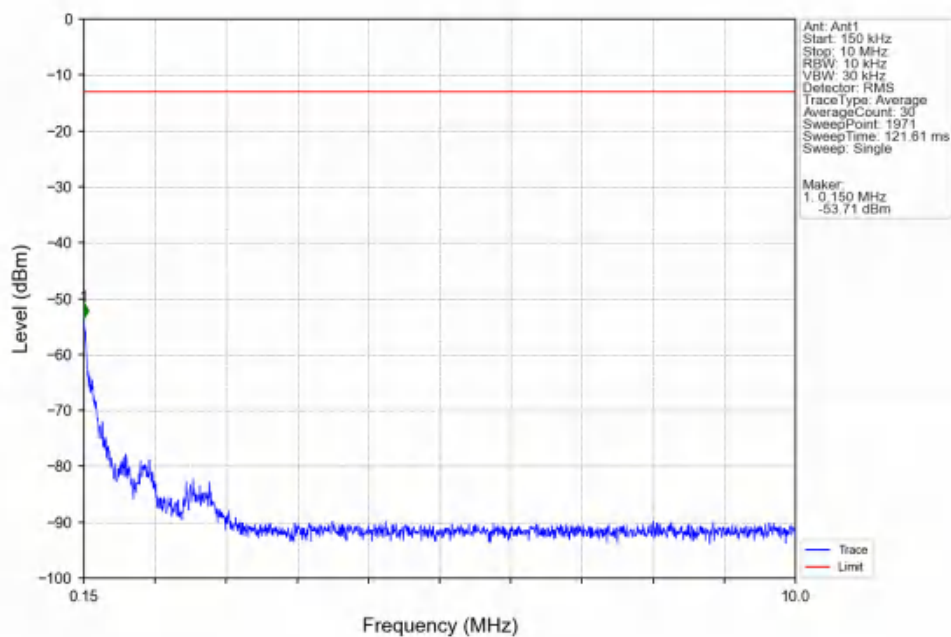


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.945    | -39.15      | -13         | Pass   |
| 823         | 824        | 0.013     | CHP    | 2          | 823.985    | -40.47      | -13         | Pass   |
| 824         | 827        | 0.013     | CHP    | /          | /          | /           | /           | /      |

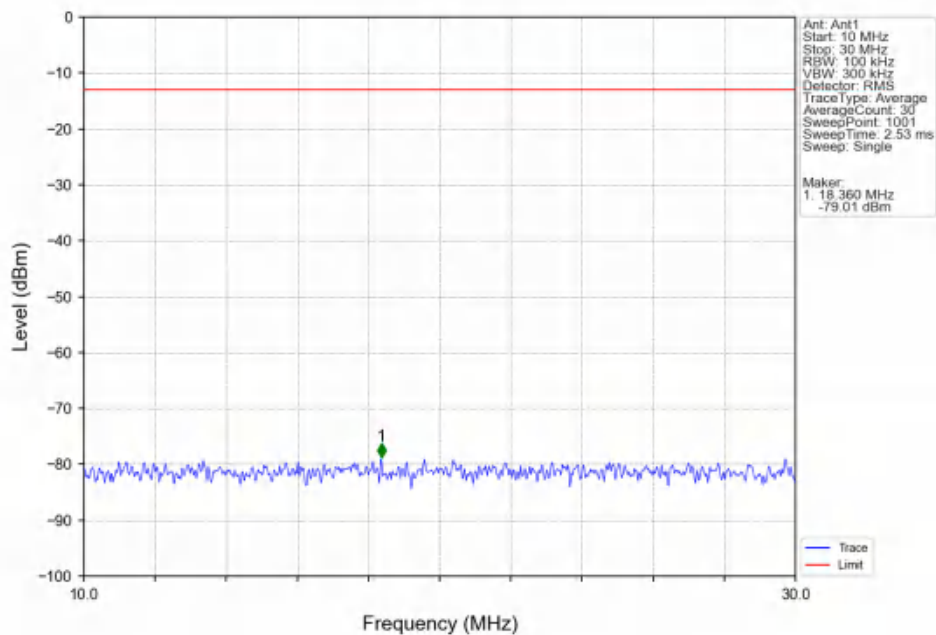
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTV



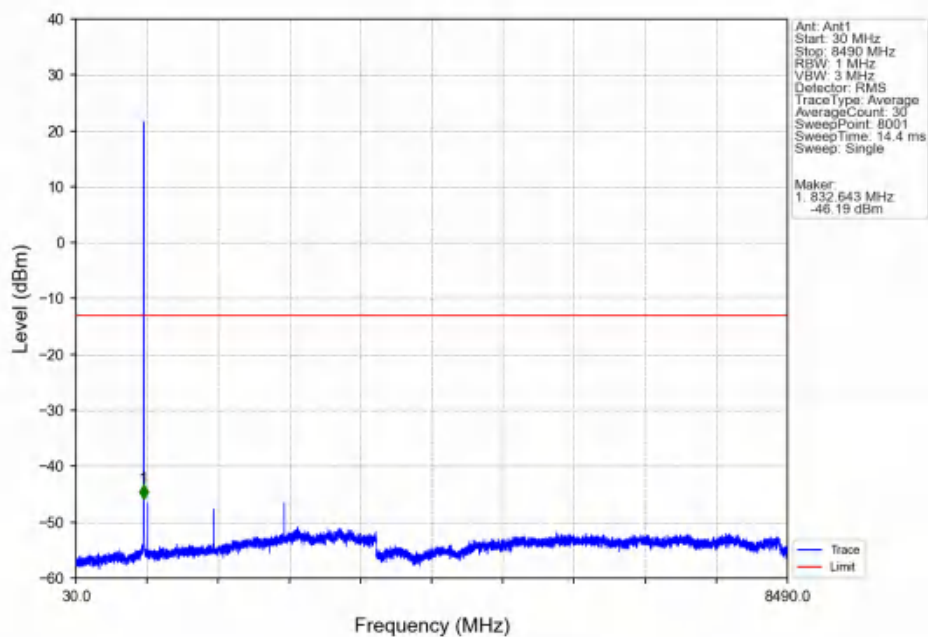
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTV



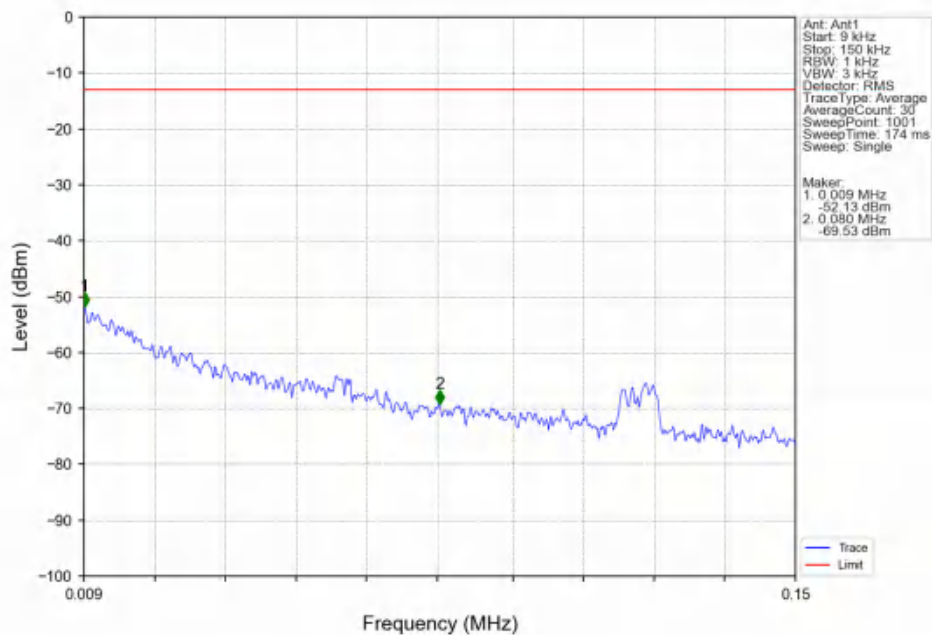
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTV



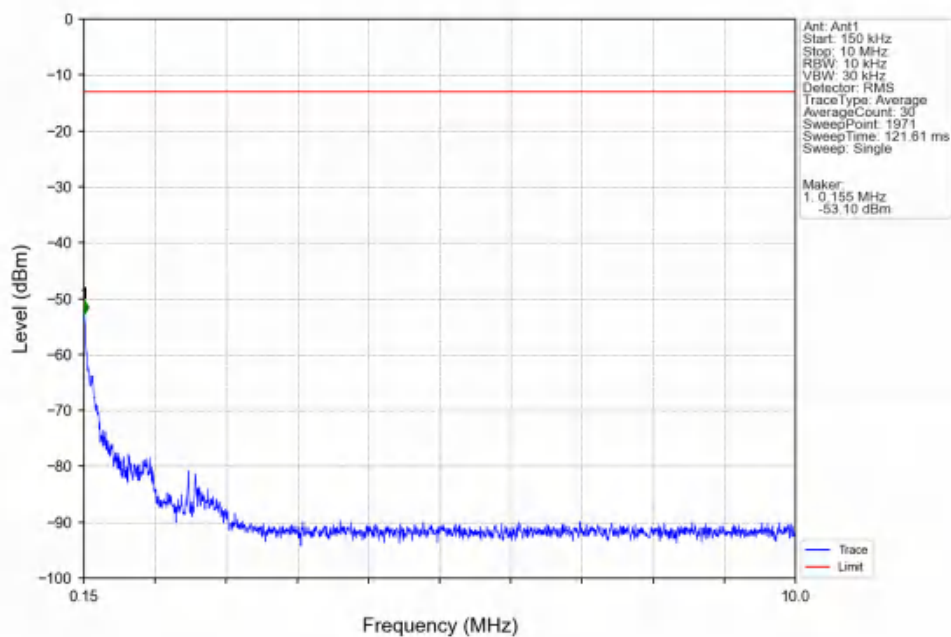
Band5 1.4MHz 16QAM MCH 836.5MHz RB 1 0 NTV



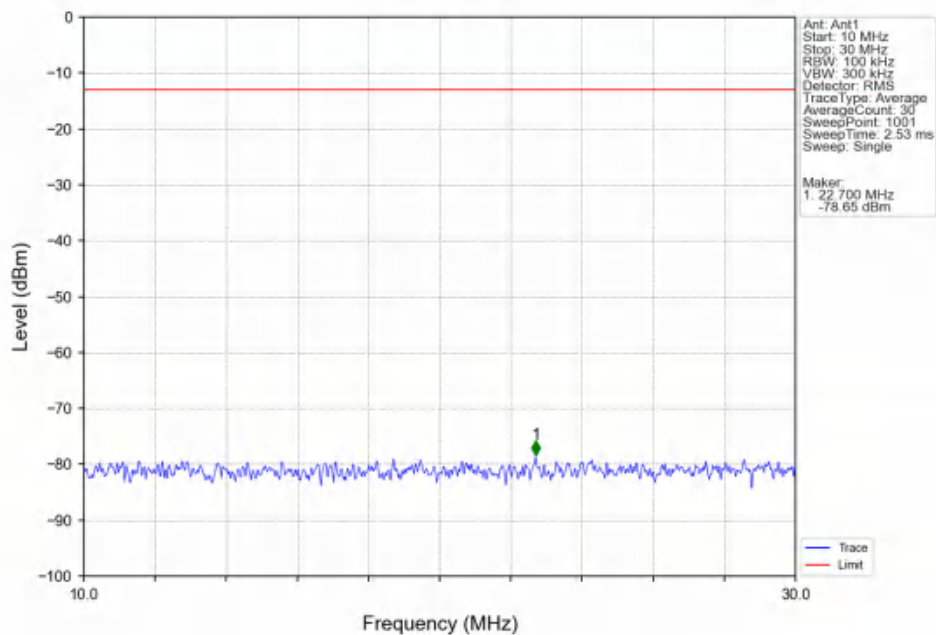
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTV



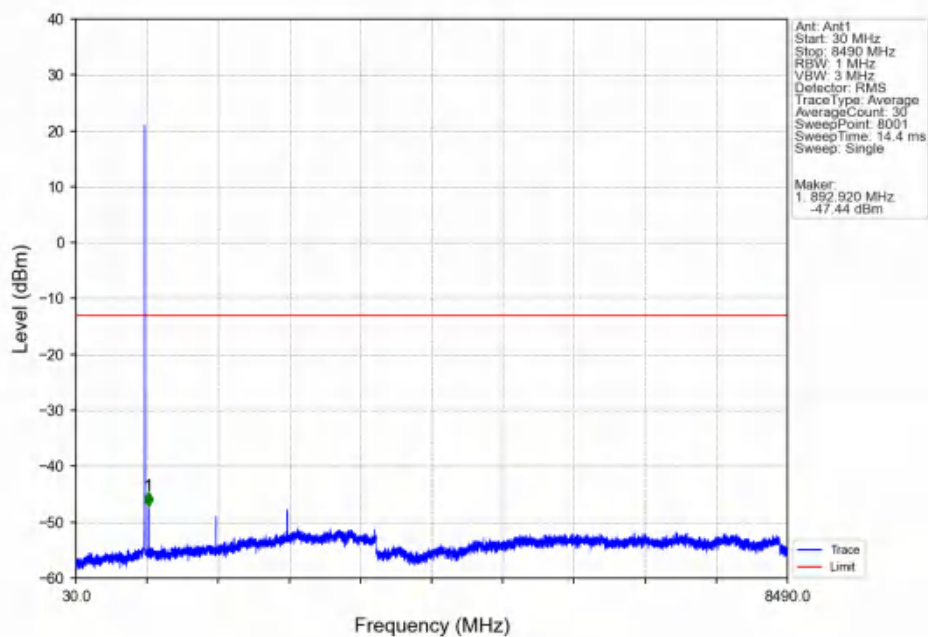
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTV



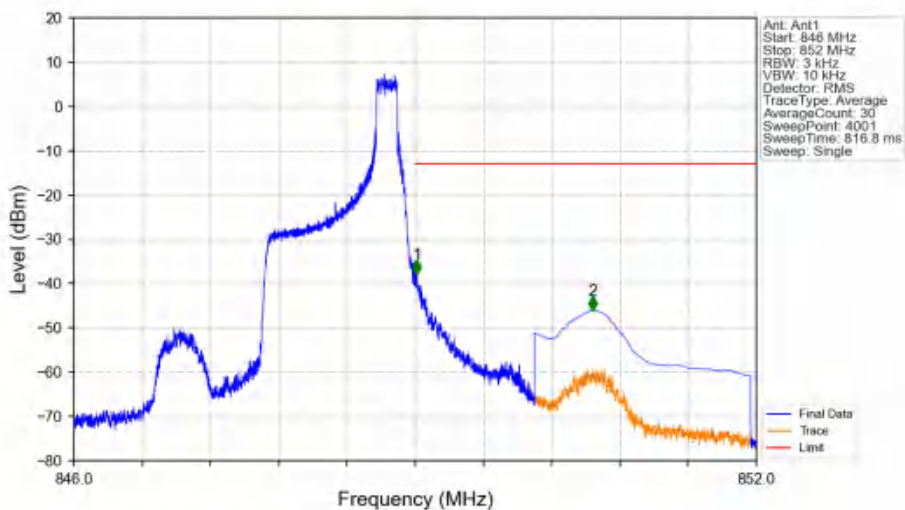
Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 0 NTNV

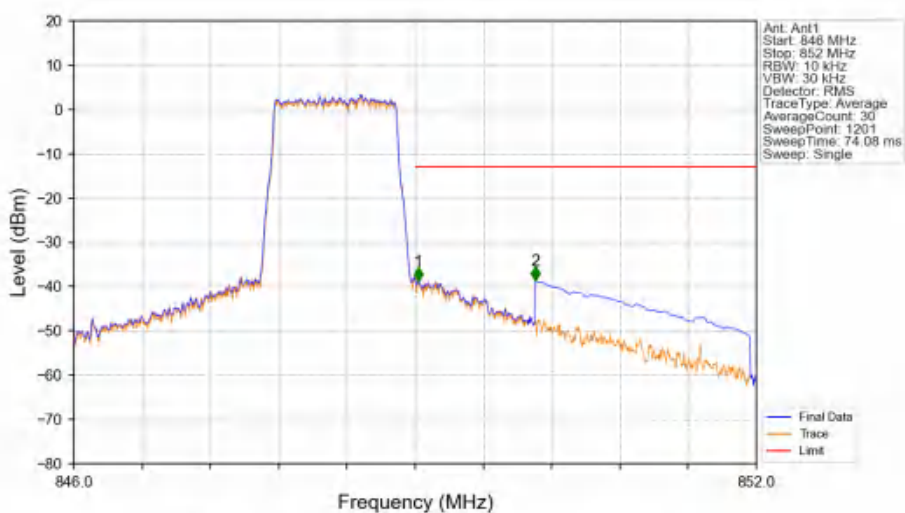


Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.015    | -37.85      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.560    | -46.10      | -13         | Pass   |

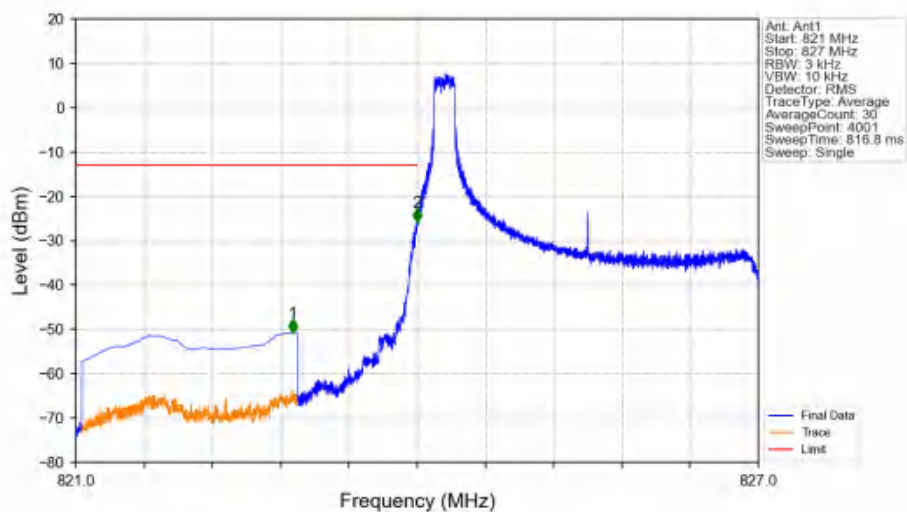
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



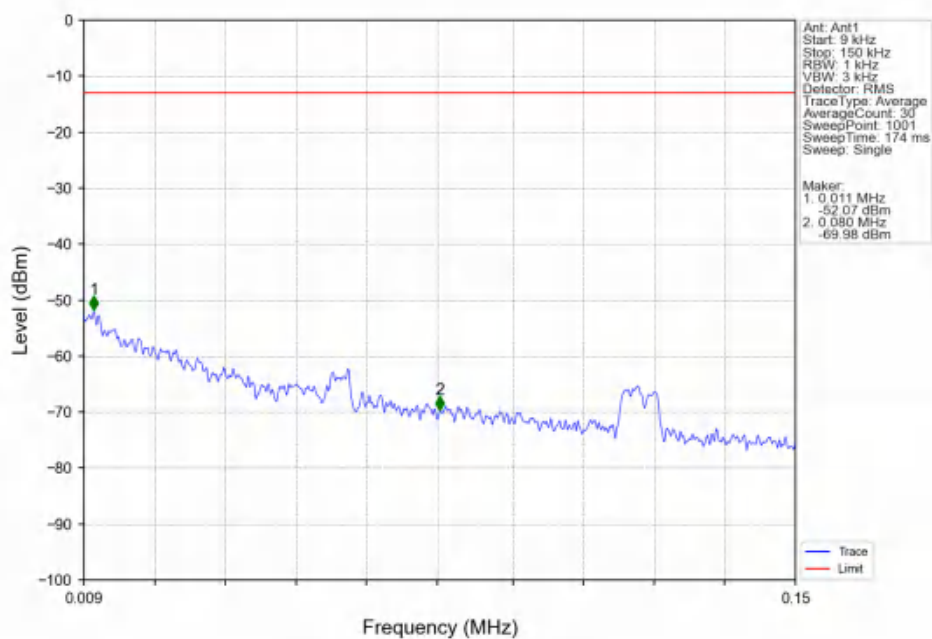
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.013     | CHP    | 1          | 849.025    | -38.72      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.055    | -38.58      | -13         | Pass   |

## 6.2.2 B5\_3MHz

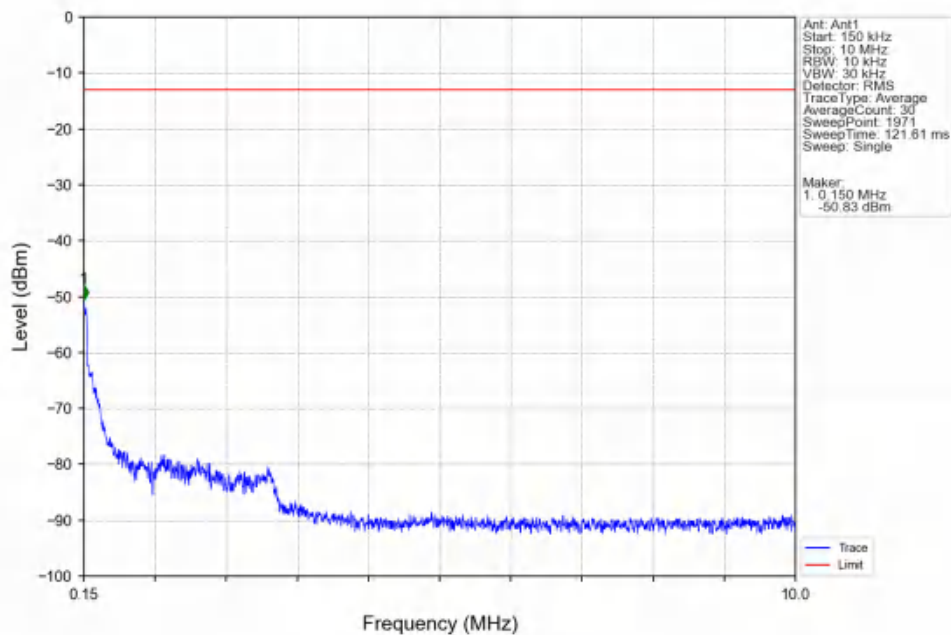
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



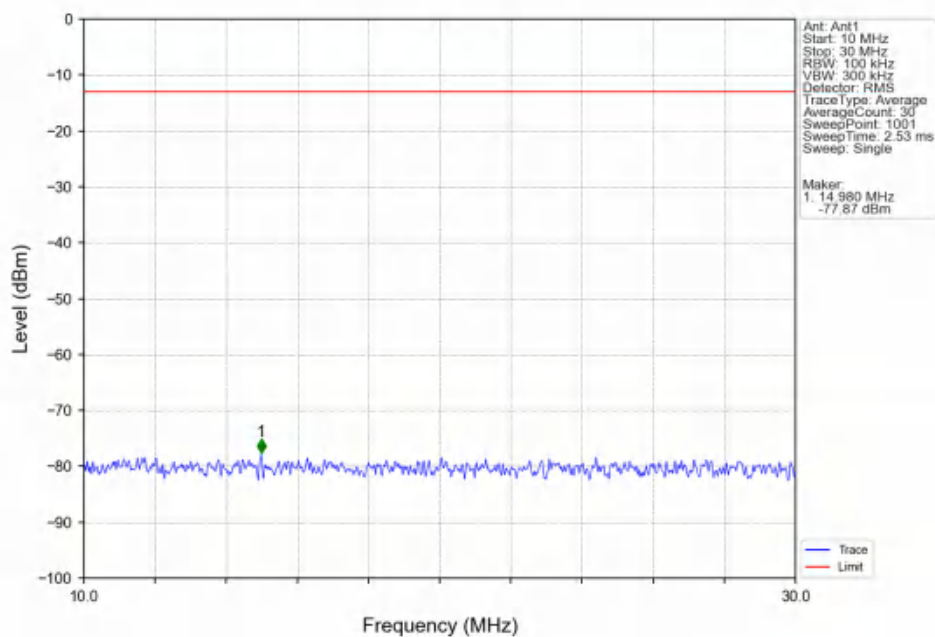
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



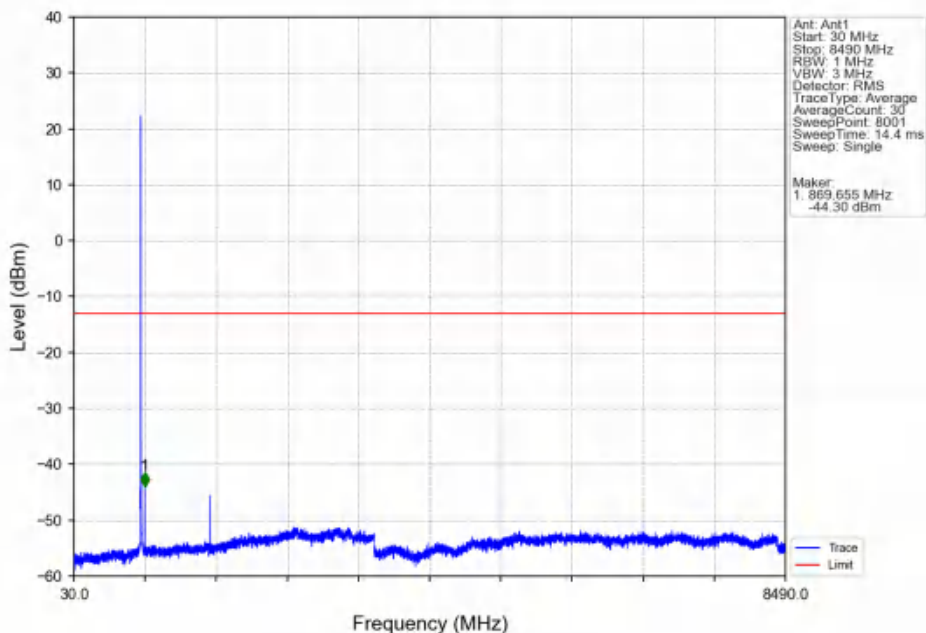
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV



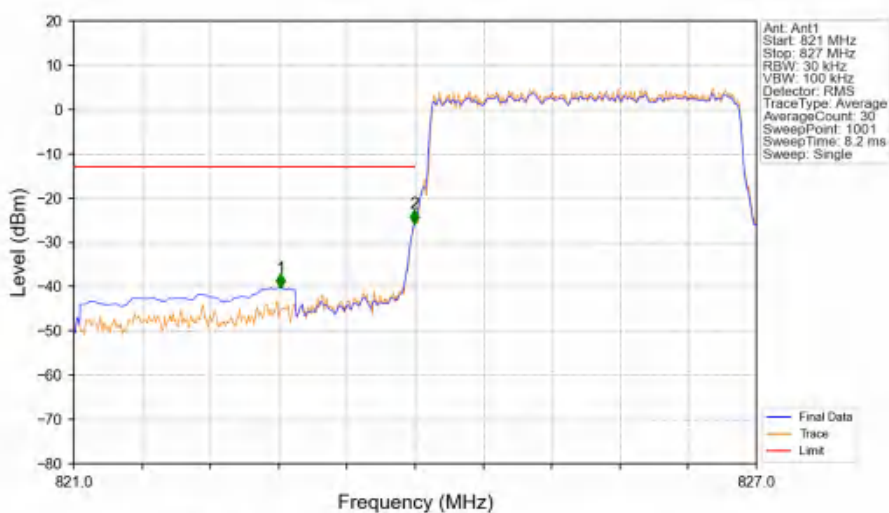
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV



Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTNV

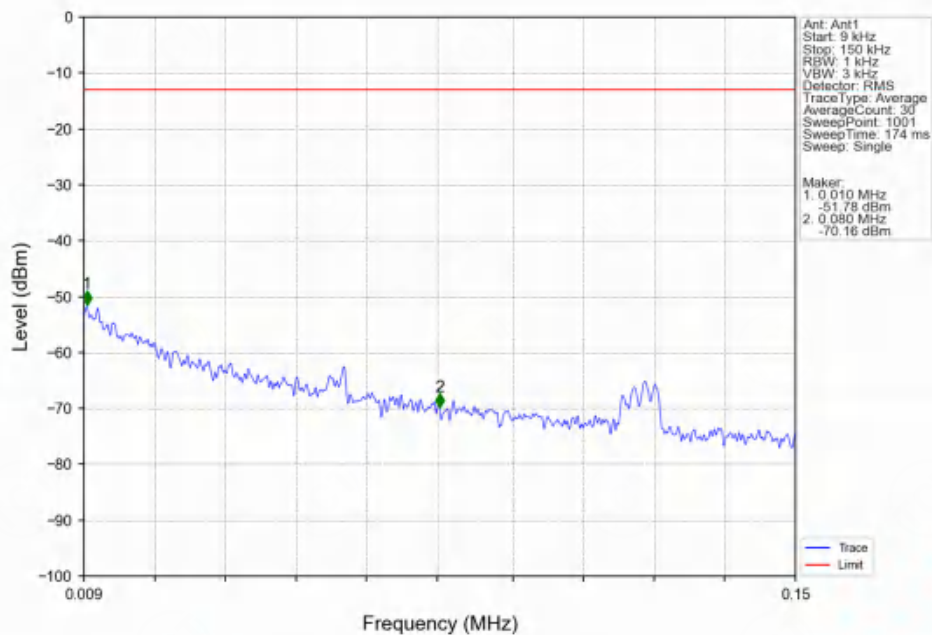


Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV

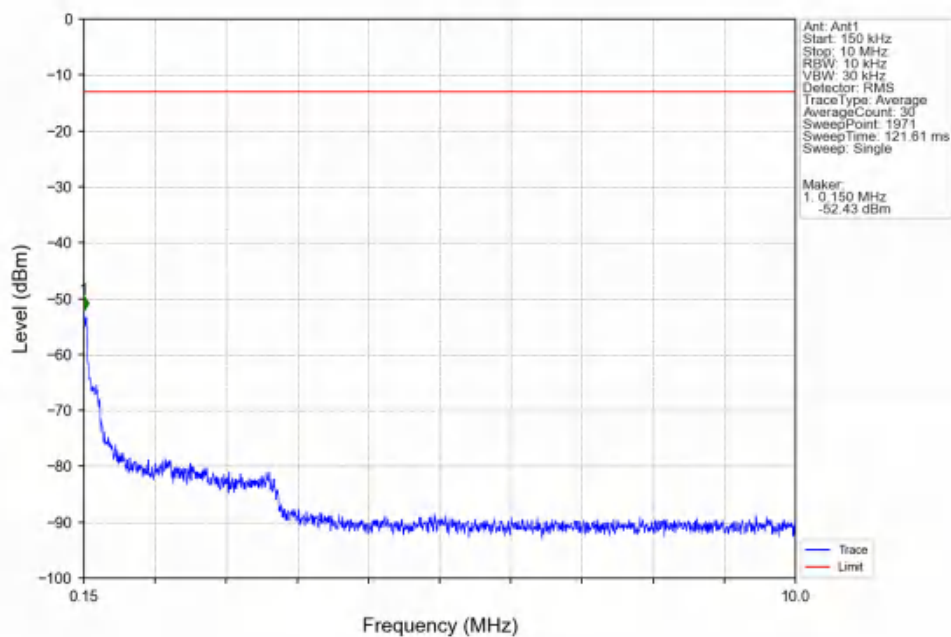


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.818    | -40.23      | -13         | Pass   |
| 823         | 824        | 0.031     | CHP    | 2          | 823.994    | -25.76      | -13         | Pass   |
| 824         | 827        | 0.031     | CHP    | /          | /          | /           | /           | /      |

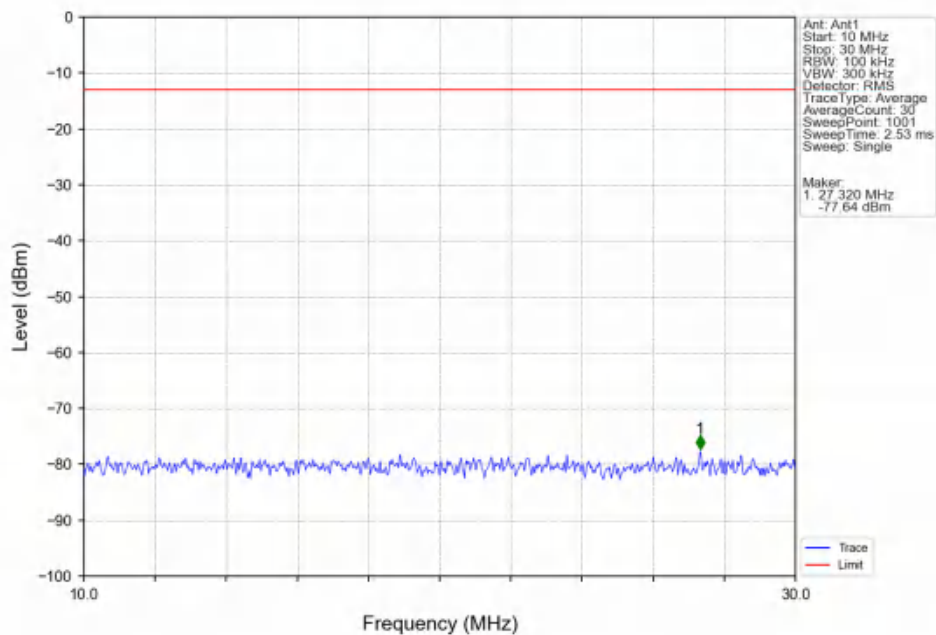
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTV



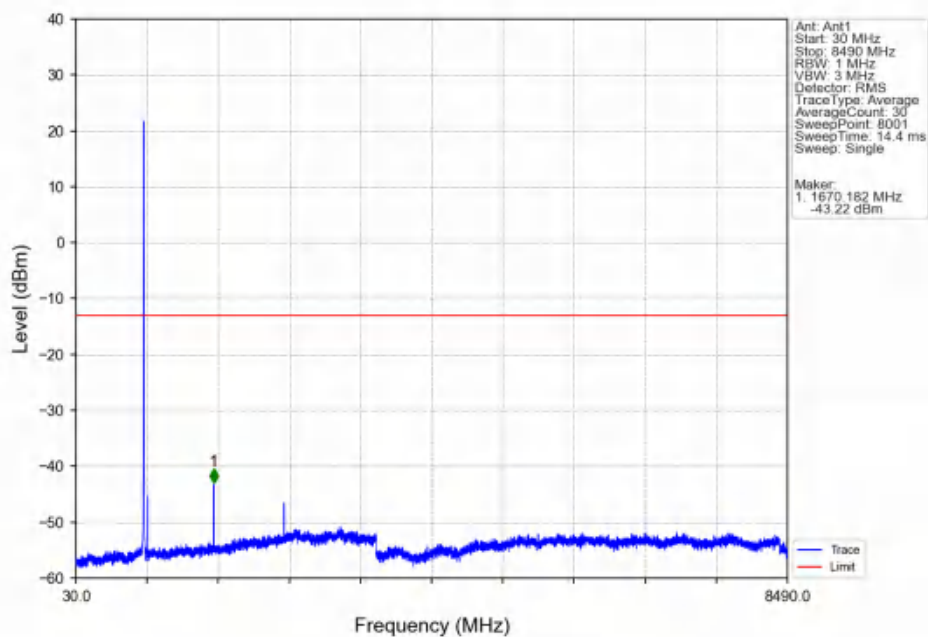
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTV



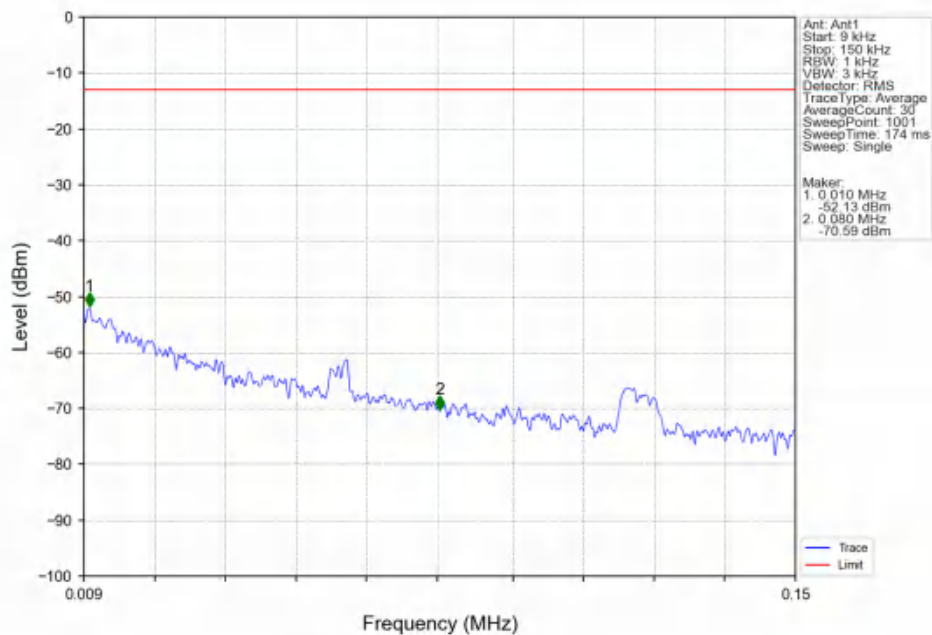
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



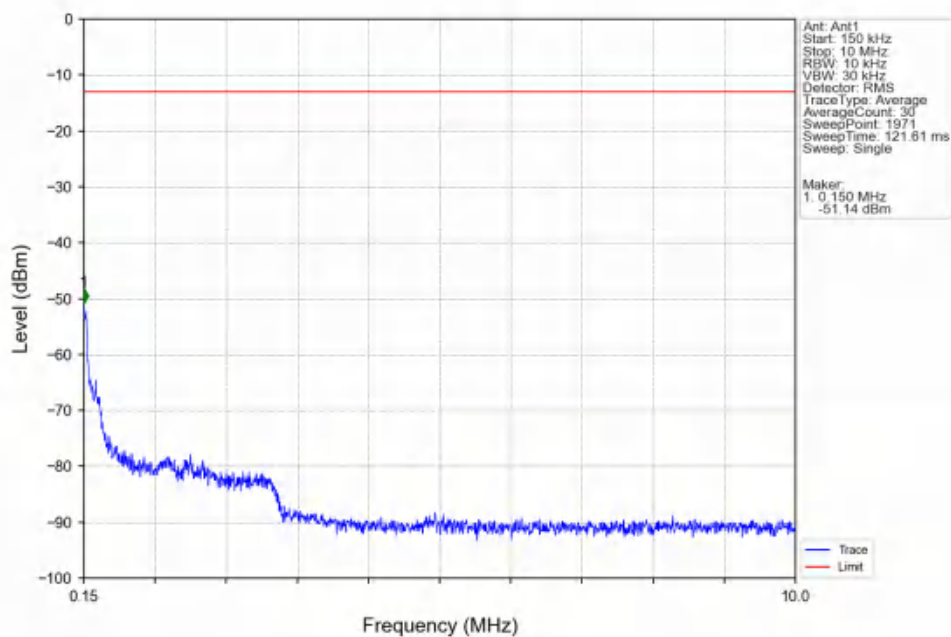
Band5 3MHz QPSK MCH 836.5MHz RB 1 0 NTNV



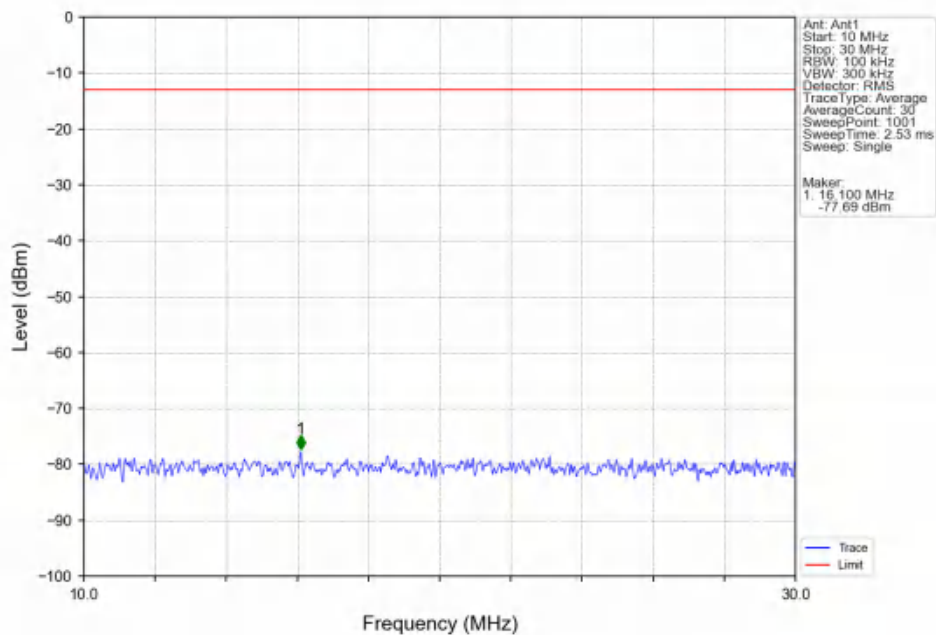
Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTV



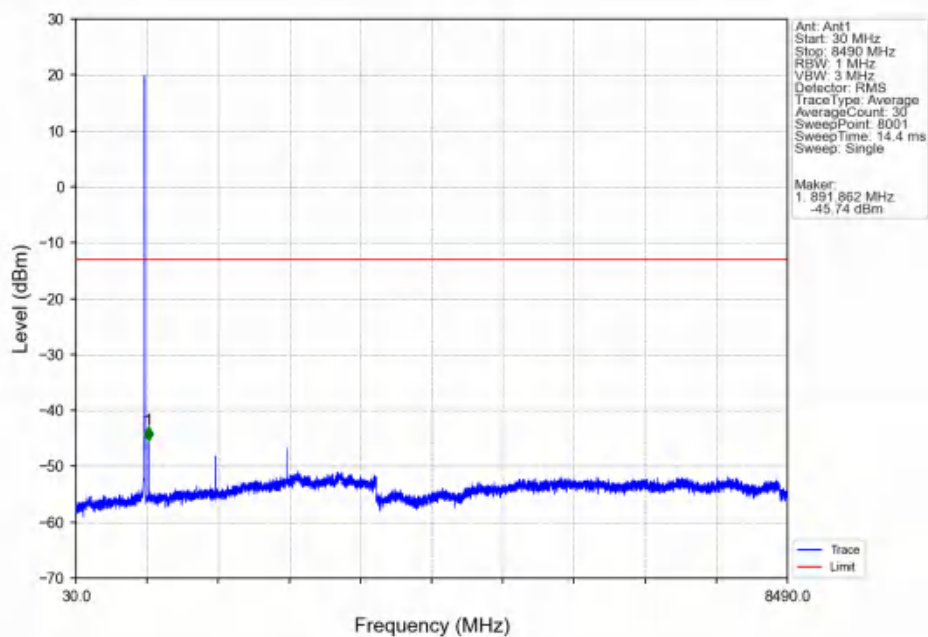
Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTV



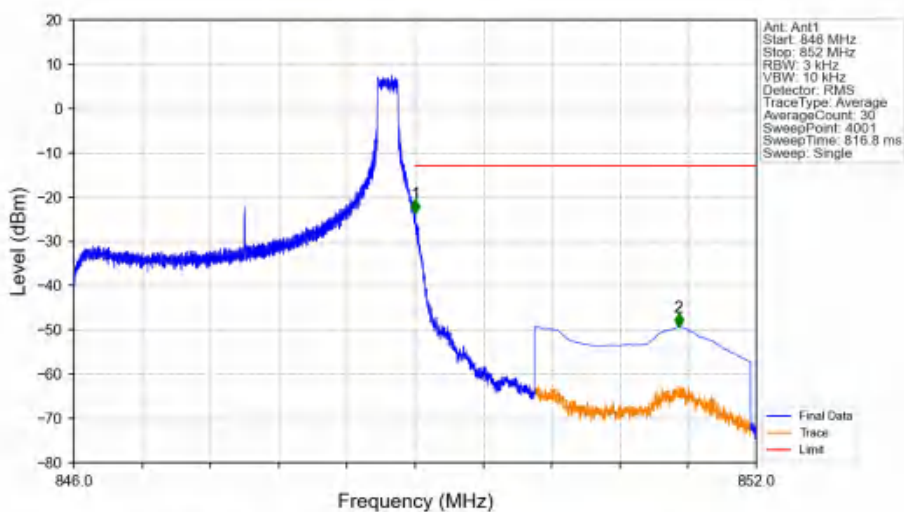
Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV



Band5 3MHz QPSK HCH 847.5MHz RB 1 0 NTNV

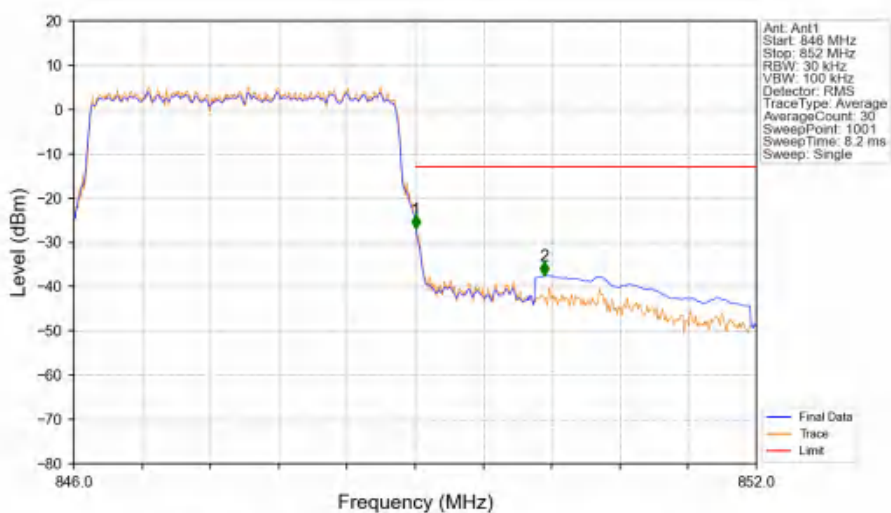


Band5 3MHz QPSK HCH 847.5MHz RB 1 14 NTNV



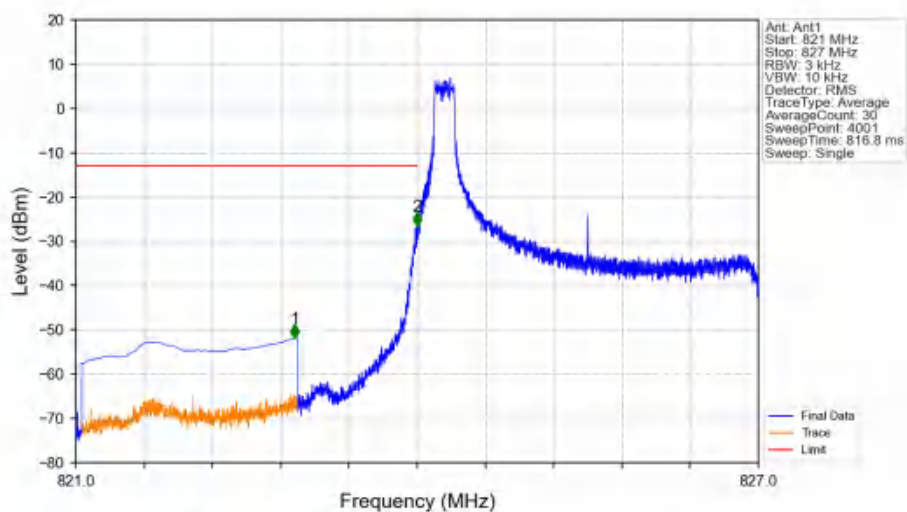
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.001    | -23.74      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 851.316    | -49.29      | -13         | Pass   |

Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV

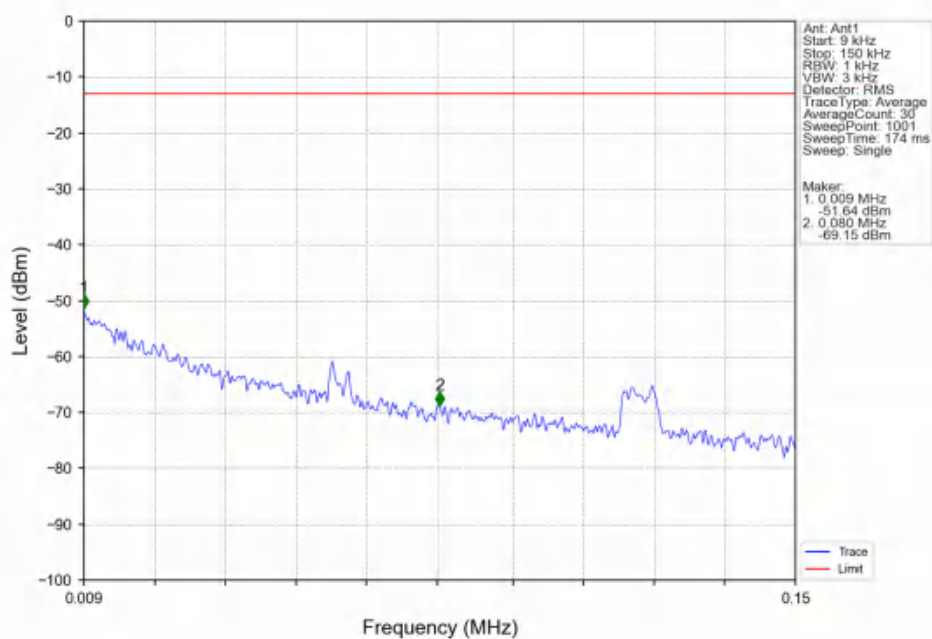


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.031     | CHP    | 1          | 849.006    | -26.94      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.134    | -37.50      | -13         | Pass   |

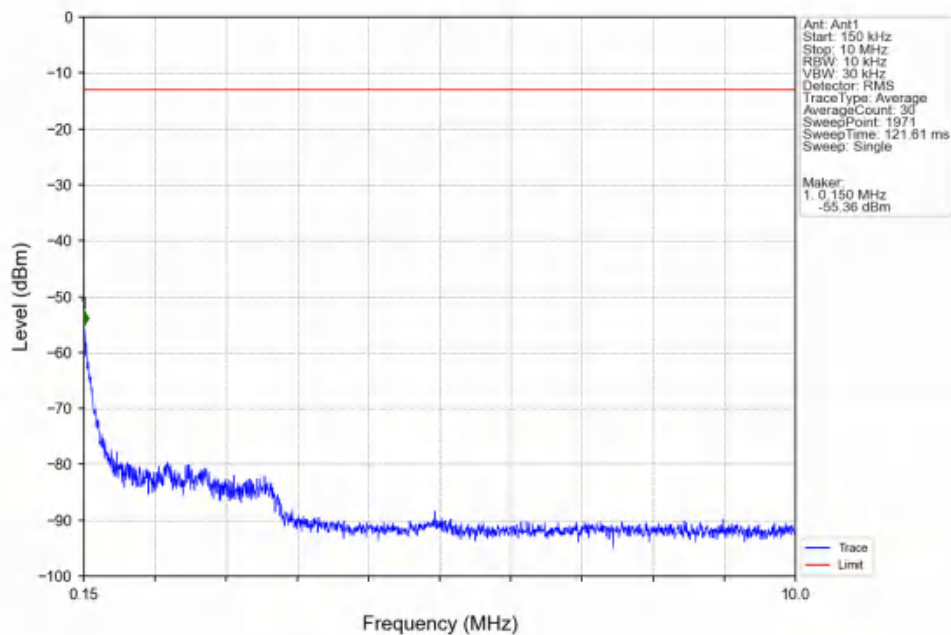
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTNV



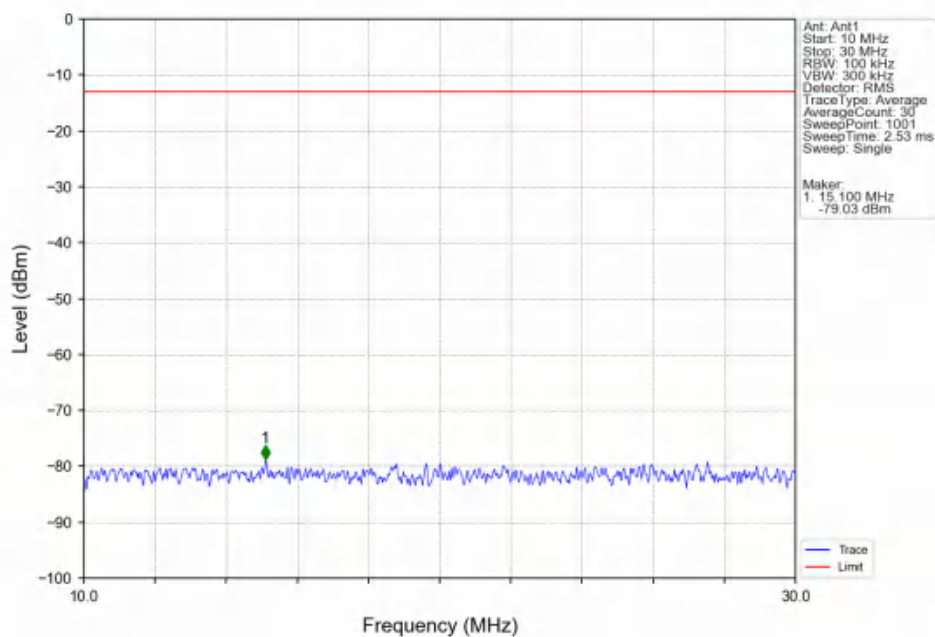
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTNV



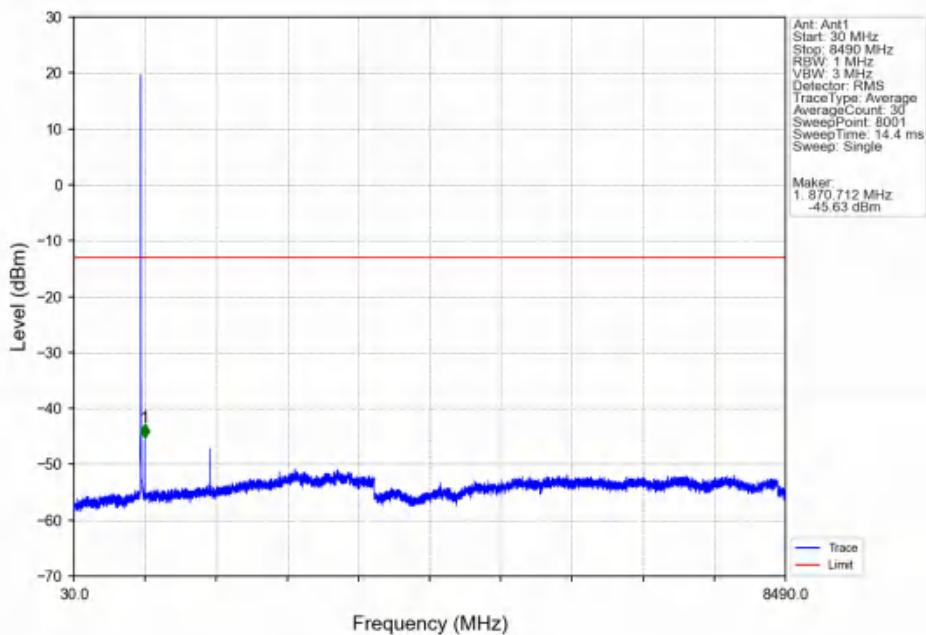
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTNV



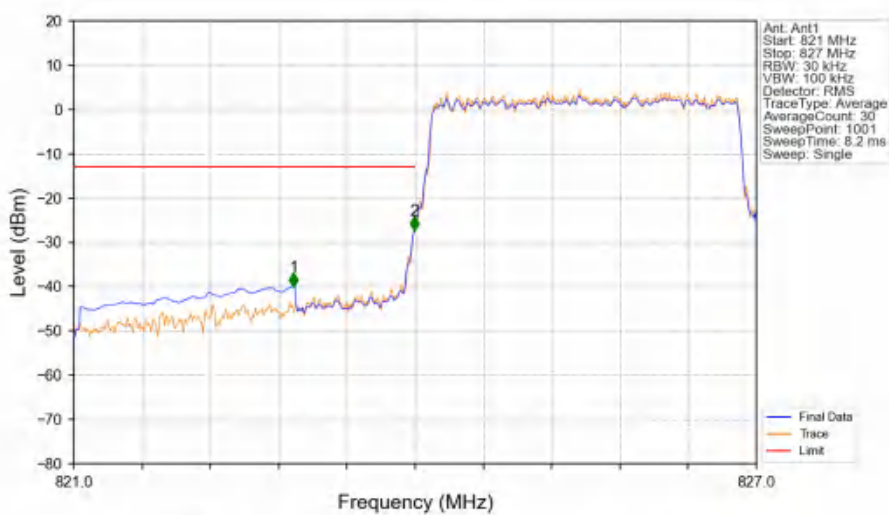
Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTNV



Band5 3MHz 16QAM LCH 825.5MHz RB 1 0 NTNV

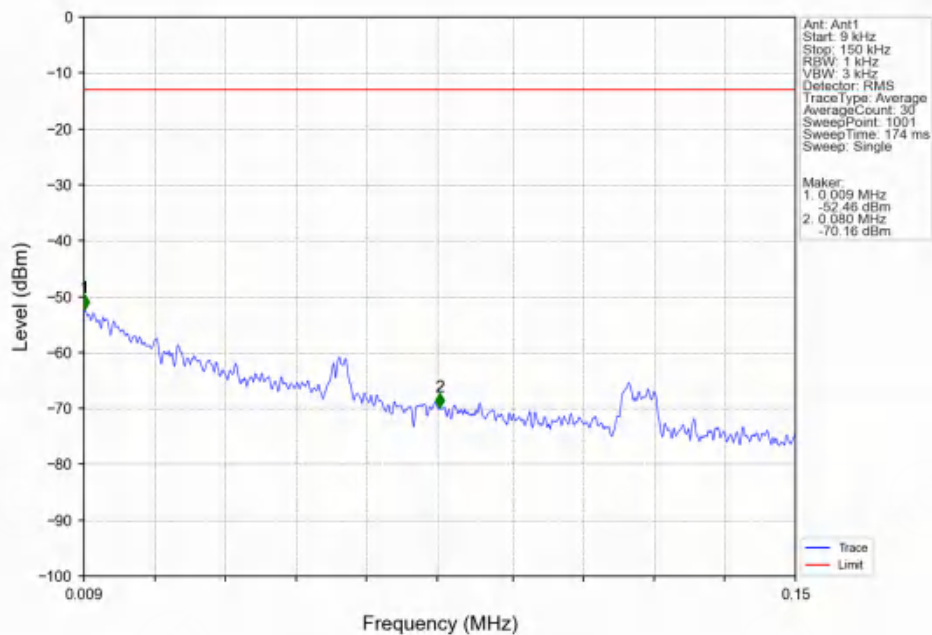


Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV

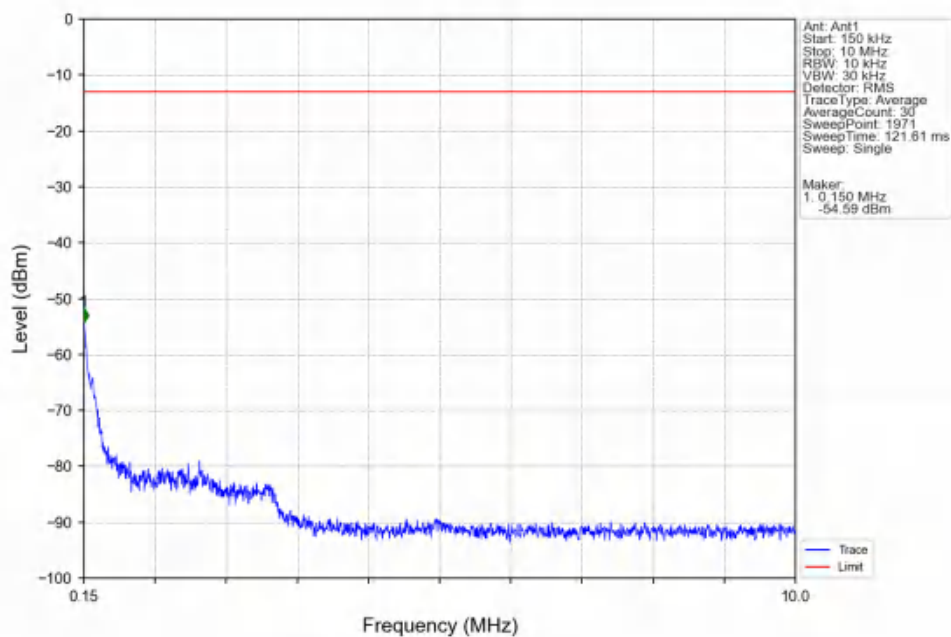


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.932    | -40.03      | -13         | Pass   |
| 823         | 824        | 0.031     | CHP    | 2          | 823.994    | -27.37      | -13         | Pass   |
| 824         | 827        | 0.031     | CHP    | /          | /          | /           | /           | /      |

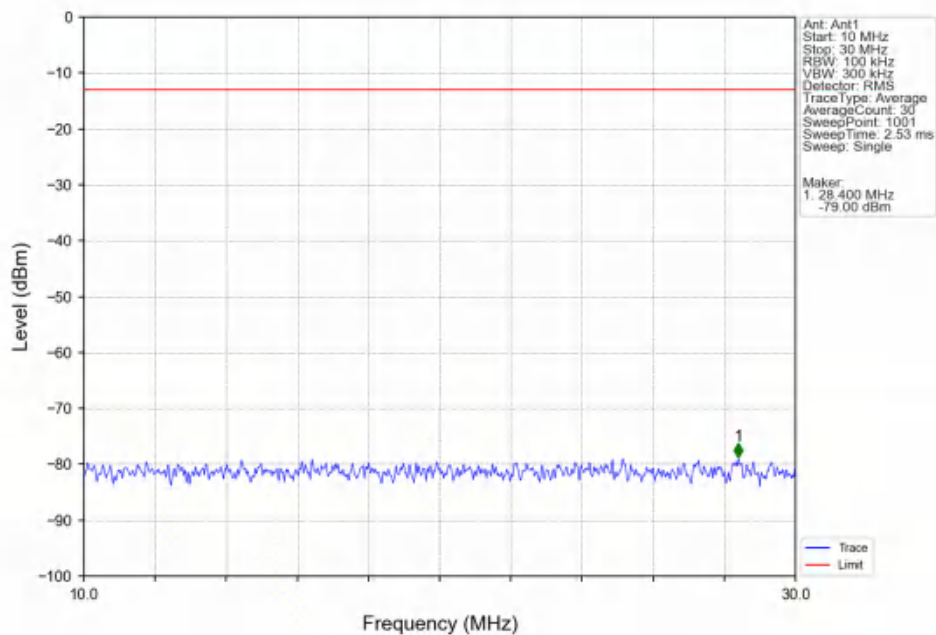
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



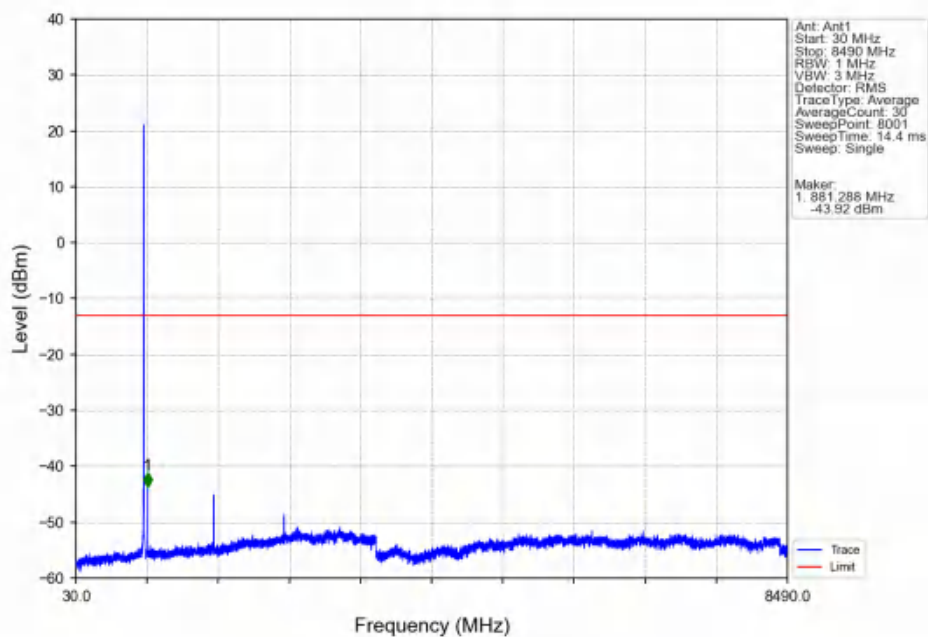
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



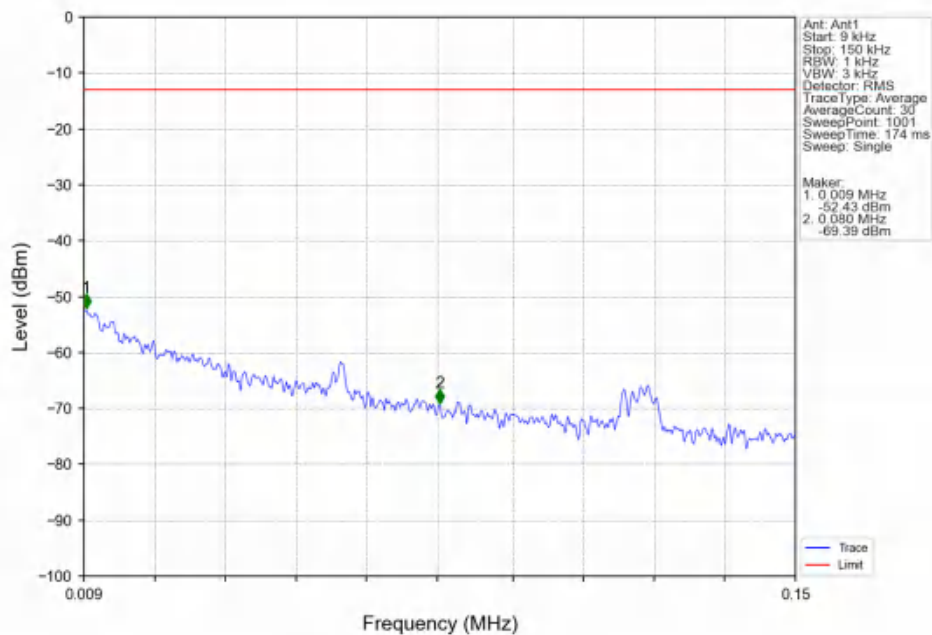
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



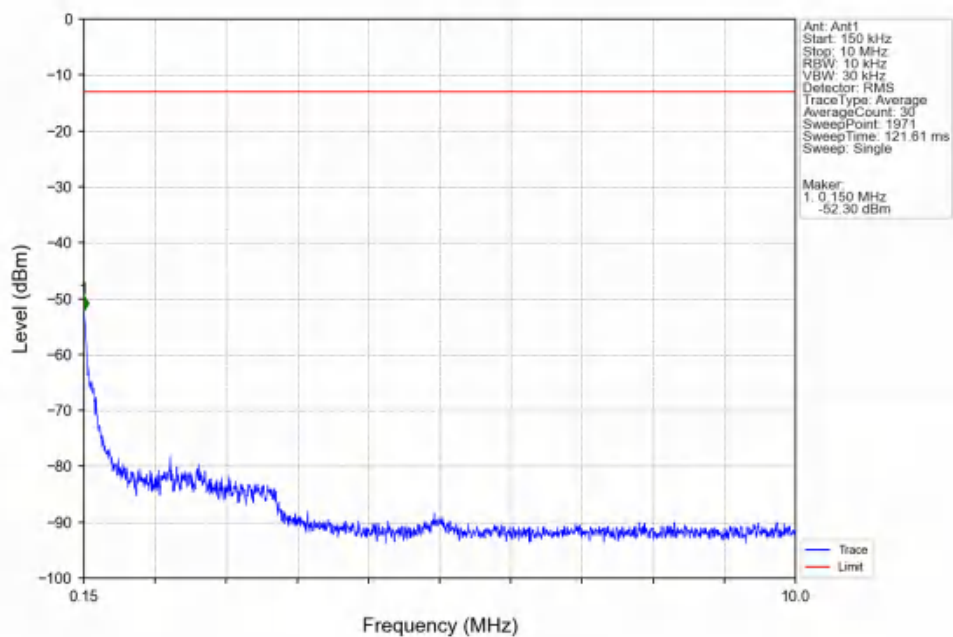
Band5 3MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



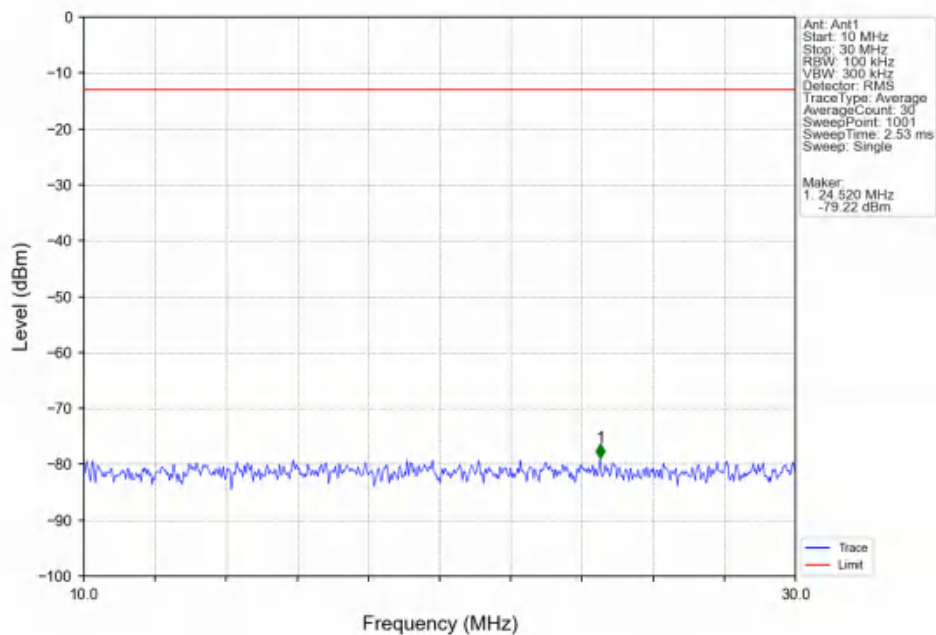
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTNV



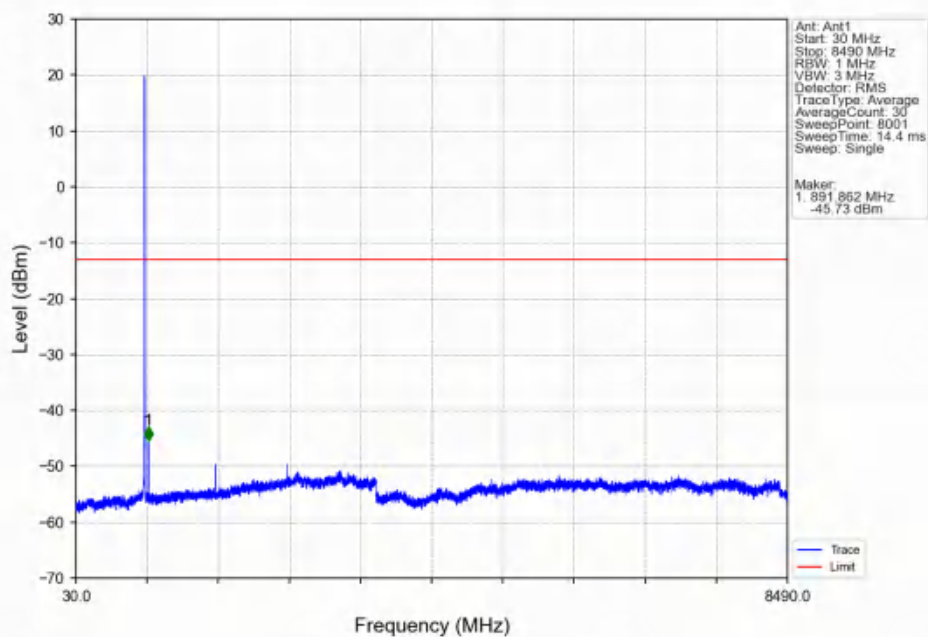
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTNV



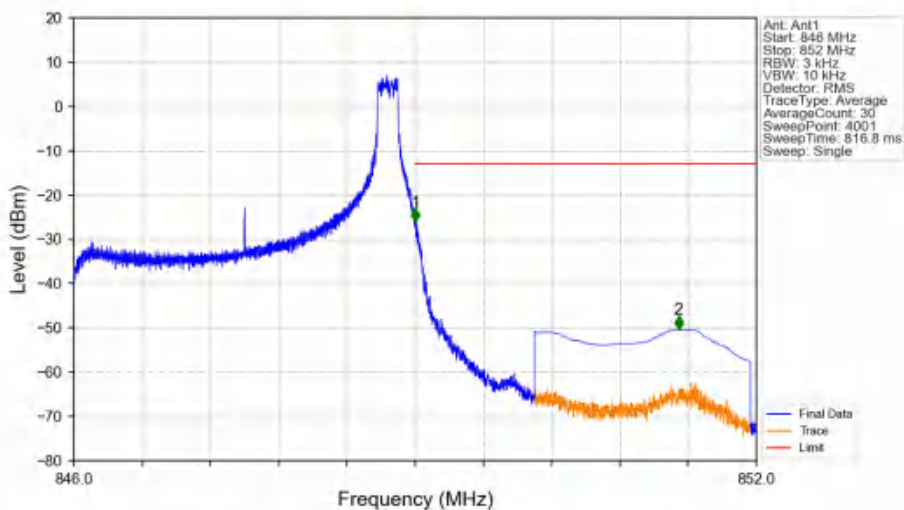
Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTN



Band5 3MHz 16QAM HCH 847.5MHz RB 1 0 NTN

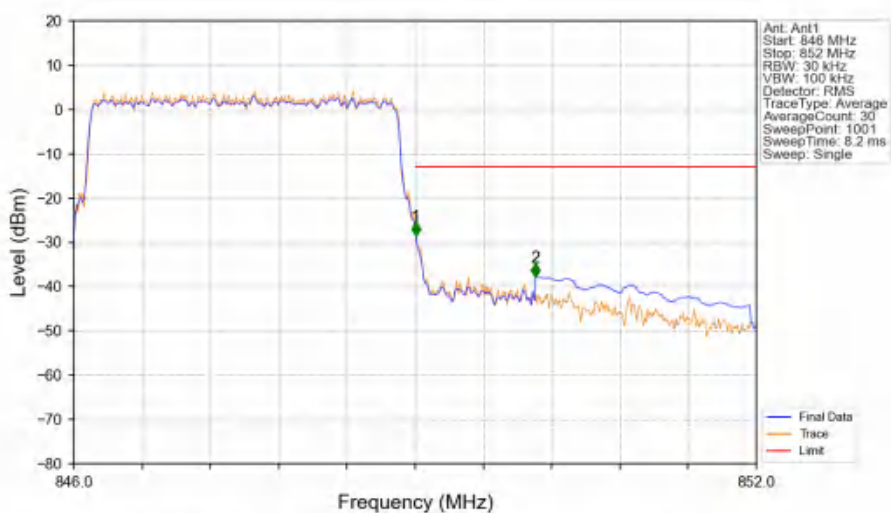


Band5 3MHz 16QAM HCH 847.5MHz RB 1 14 NTV



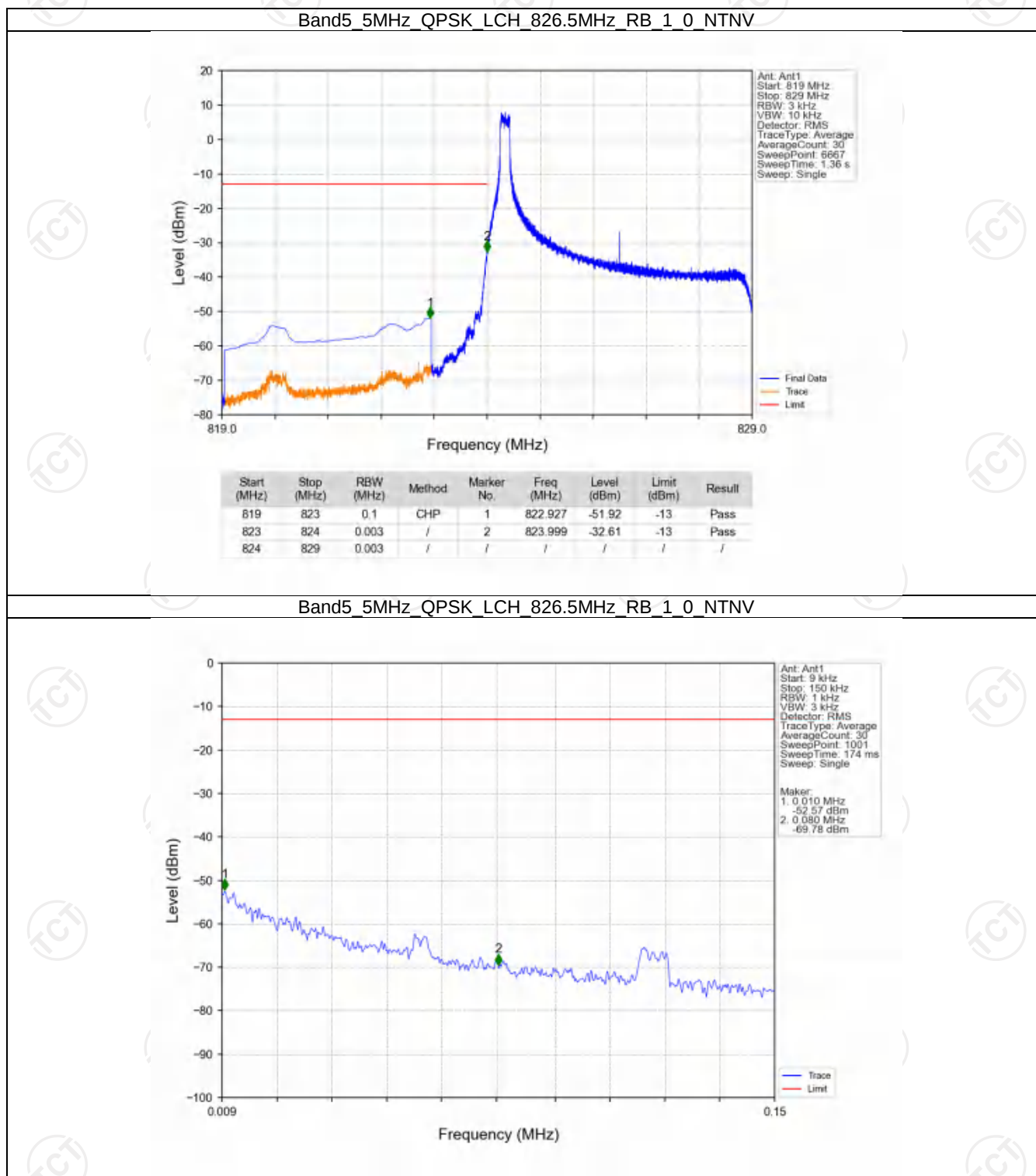
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.001    | -26.00      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 851.316    | -50.35      | -13         | Pass   |

Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV

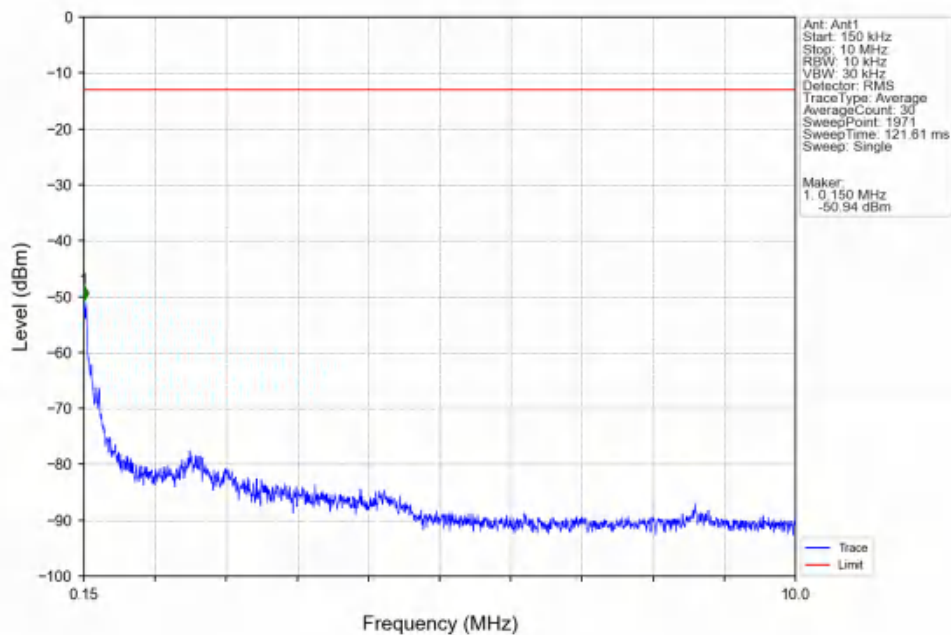


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.031     | CHP    | 1          | 849.006    | -28.56      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.056    | -37.86      | -13         | Pass   |

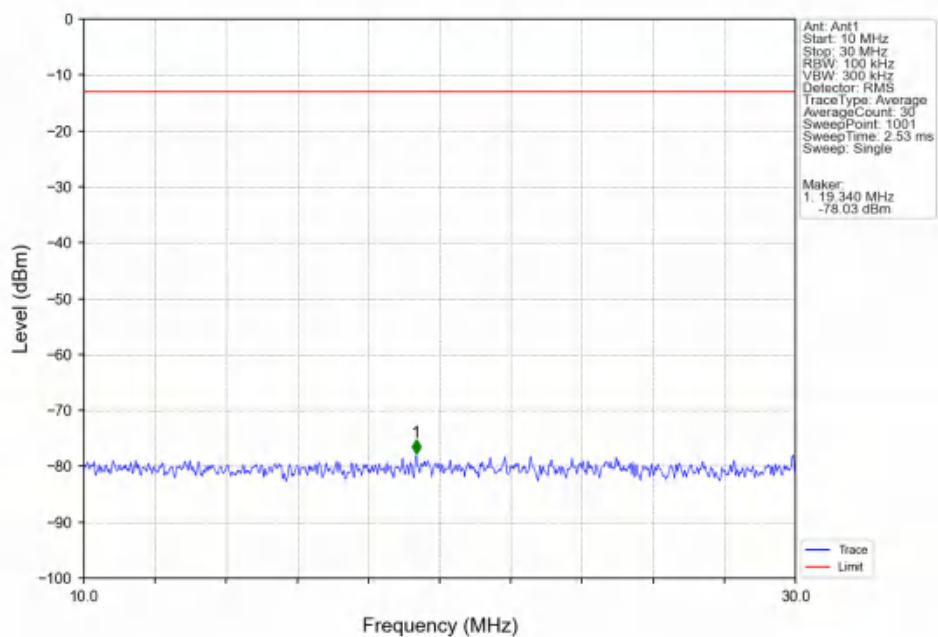
### 6.2.3 B5\_5MHz



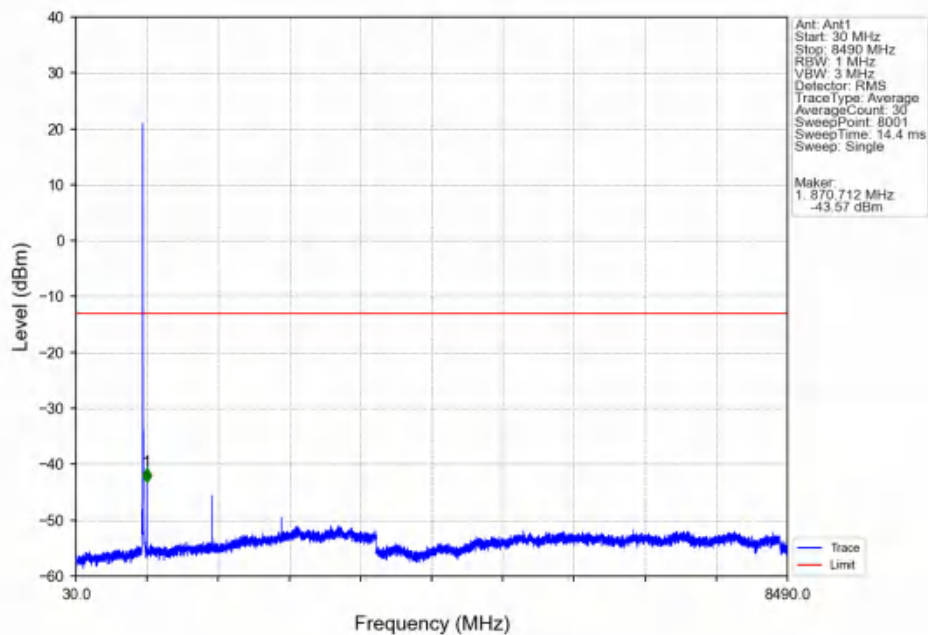
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTNV



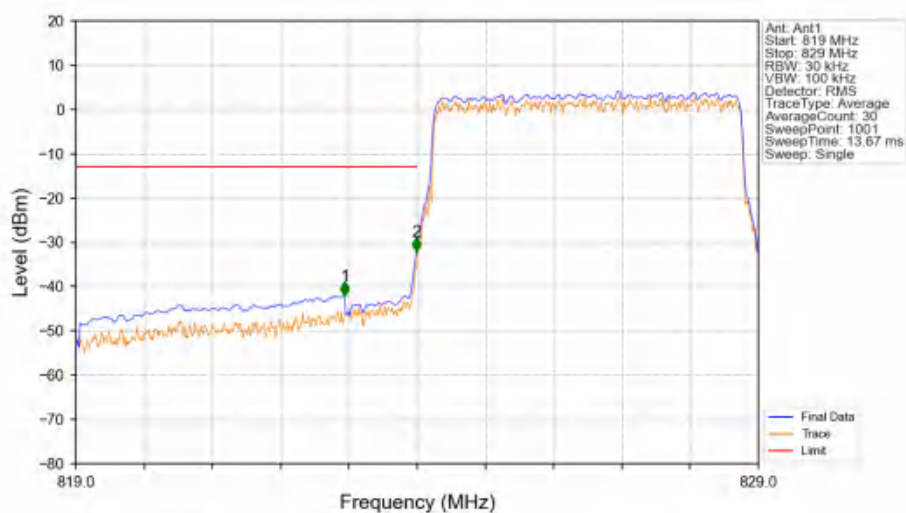
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTNV



Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTNV

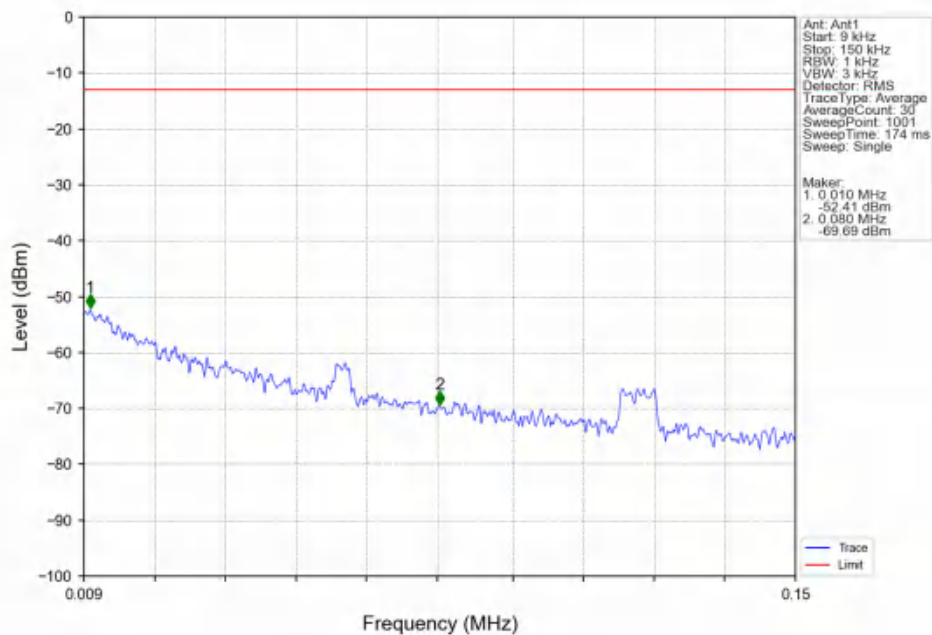


Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV

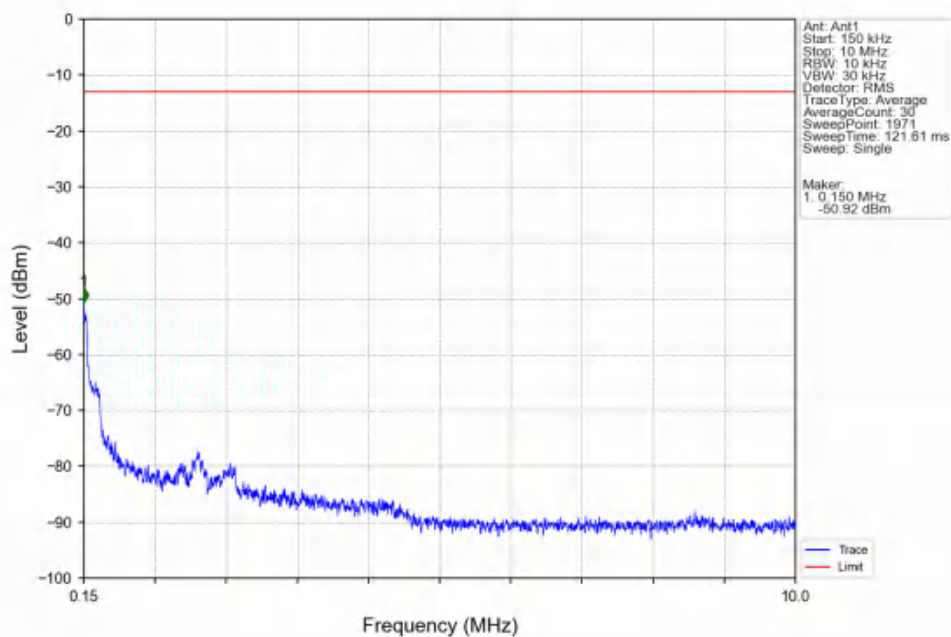


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.940    | -41.98      | -13         | Pass   |
| 823         | 824        | 0.051     | CHP    | 2          | 823.990    | -31.98      | -13         | Pass   |
| 824         | 829        | 0.051     | CHP    | /          | /          | /           | /           | /      |

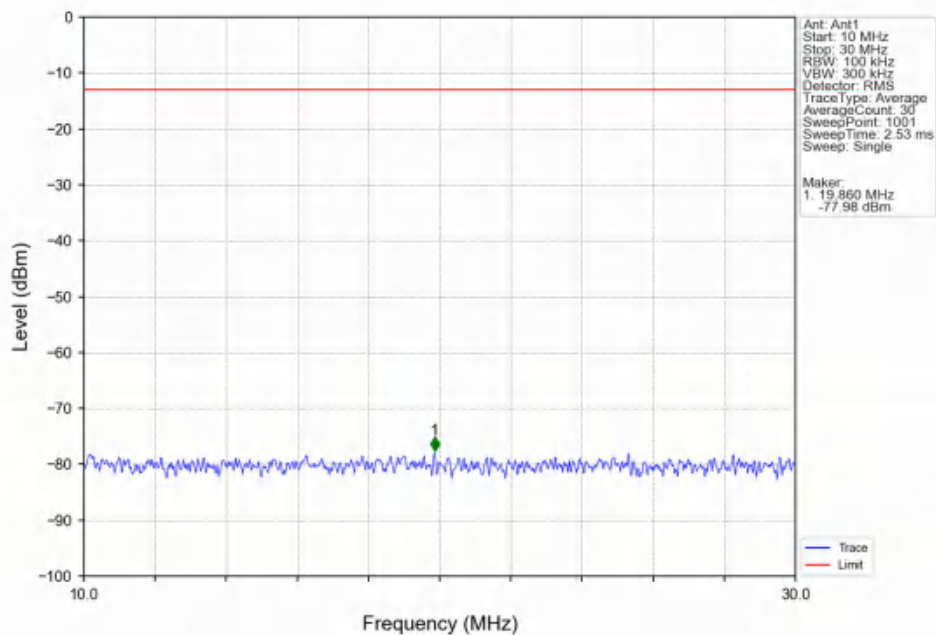
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTV



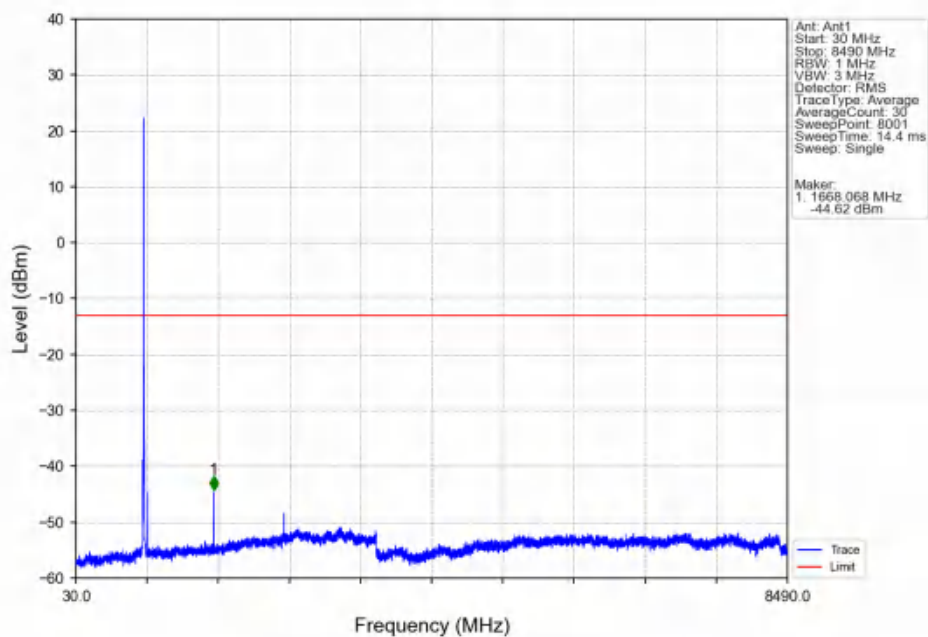
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTV



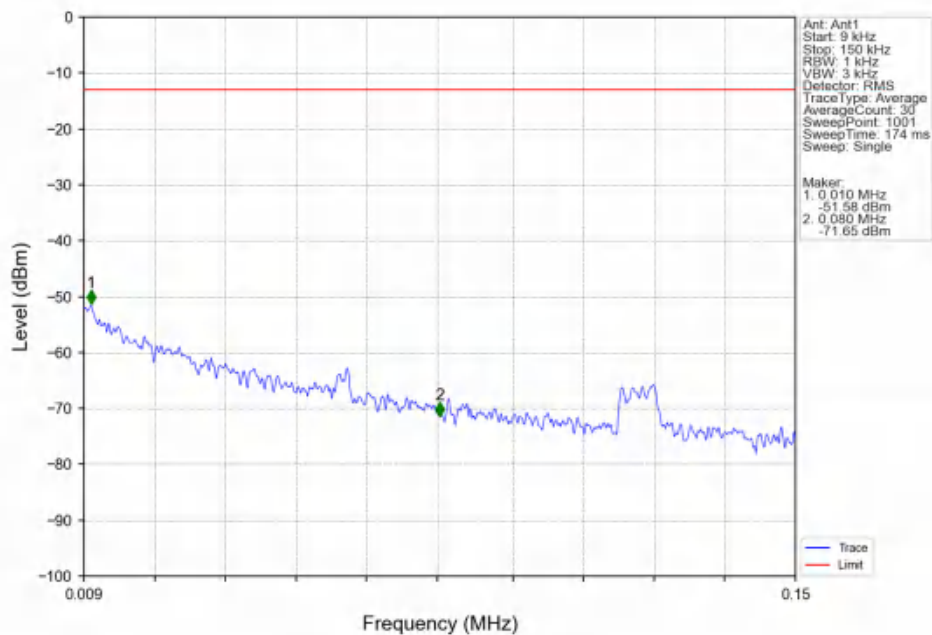
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTV



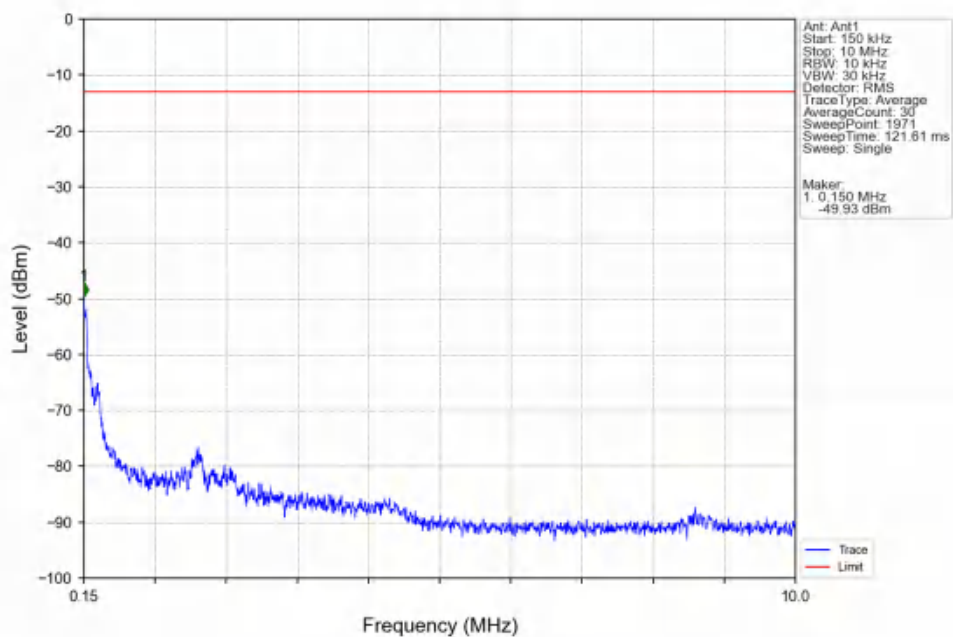
Band5 5MHz QPSK MCH 836.5MHz RB 1 0 NTV



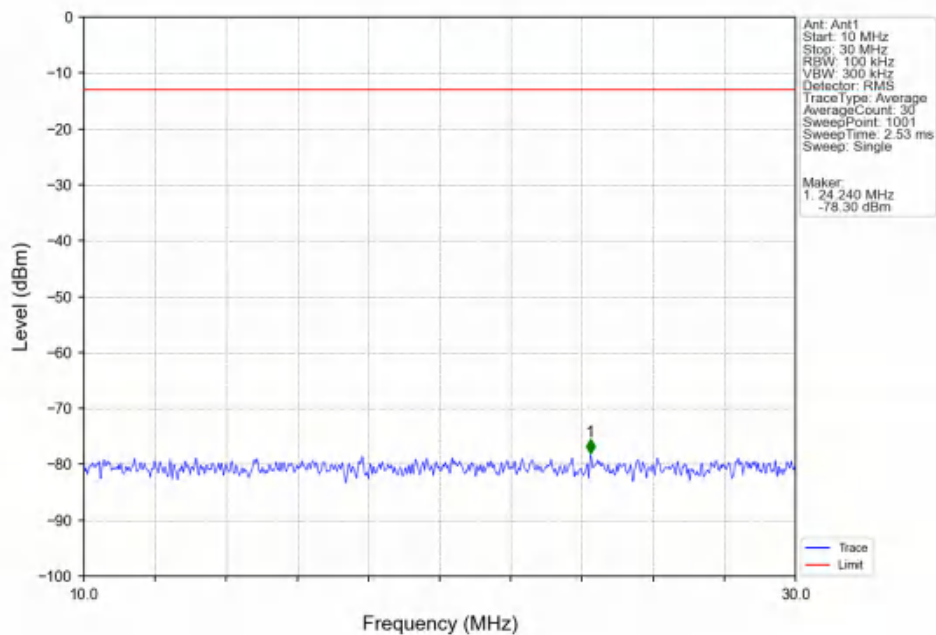
Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTV



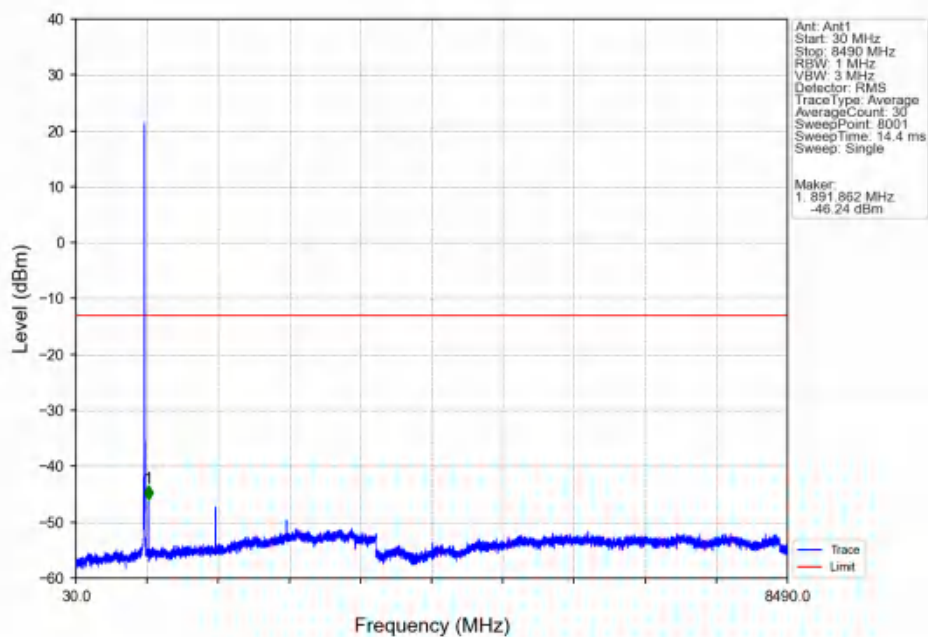
Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTV



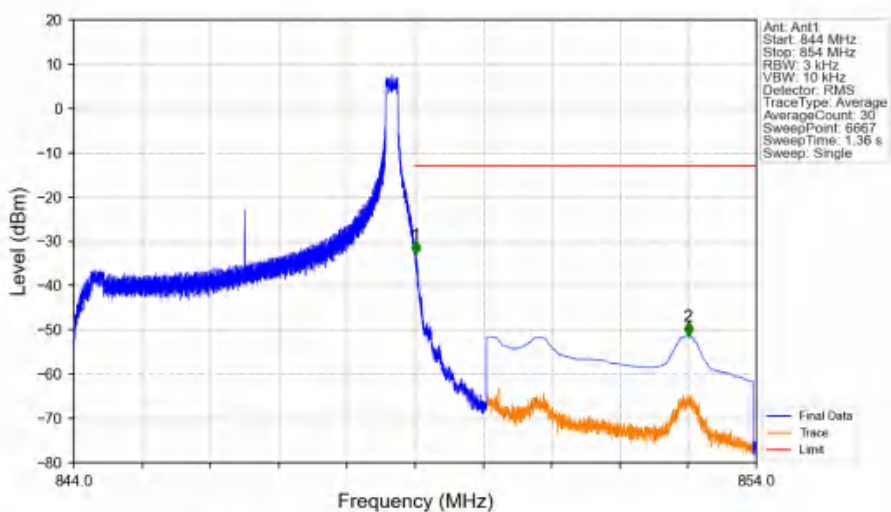
Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTV



Band5 5MHz QPSK HCH 846.5MHz RB 1 0 NTV

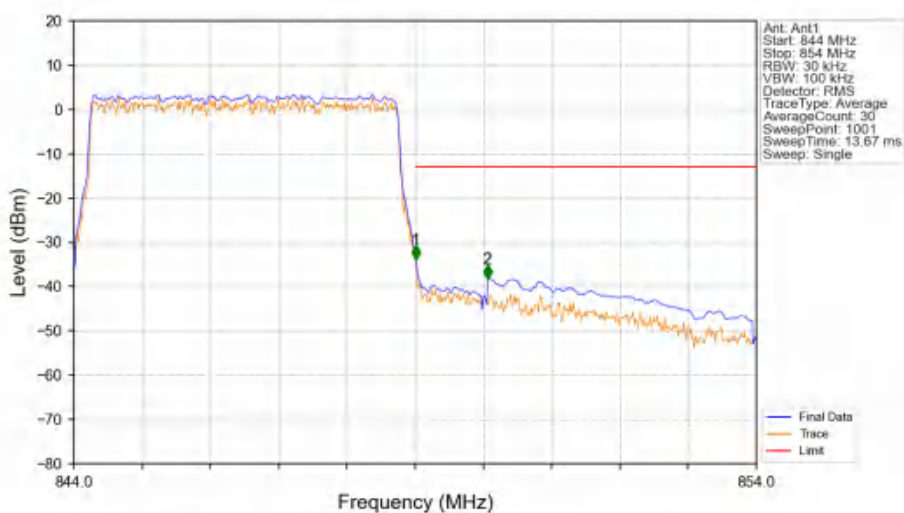


Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTNV



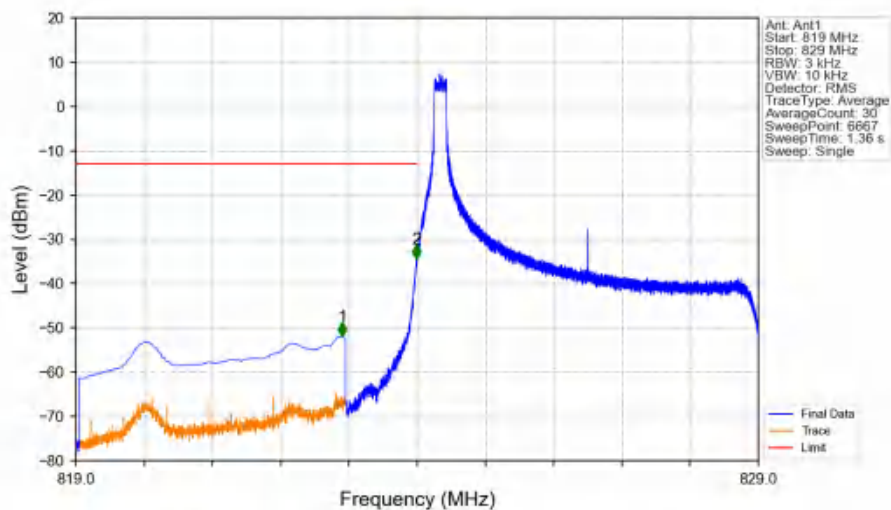
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.009    | -32.89      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 853.002    | -51.39      | -13         | Pass   |

Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV

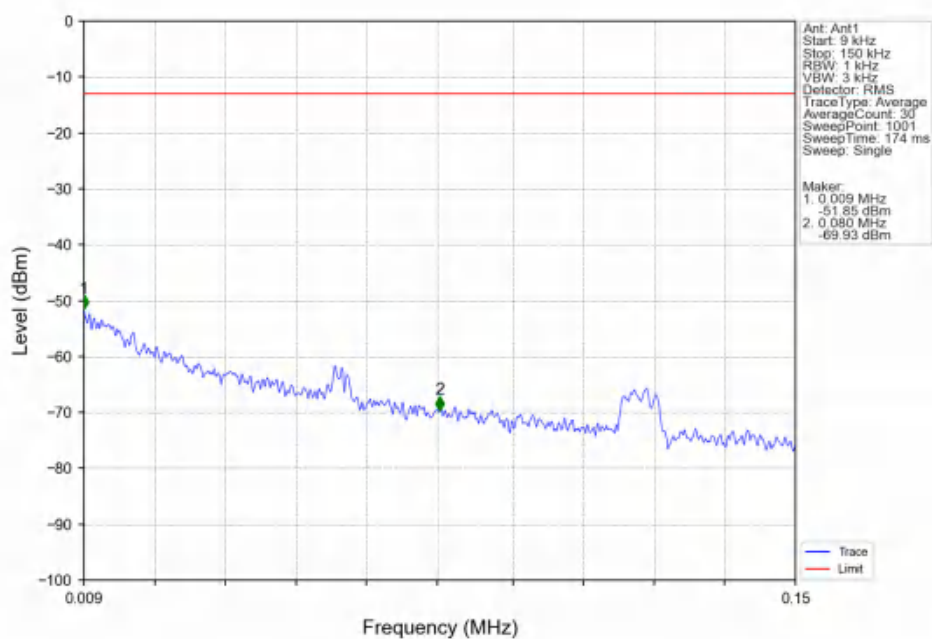


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.05      | CHP    | 1          | 849.010    | -33.85      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.060    | -38.16      | -13         | Pass   |

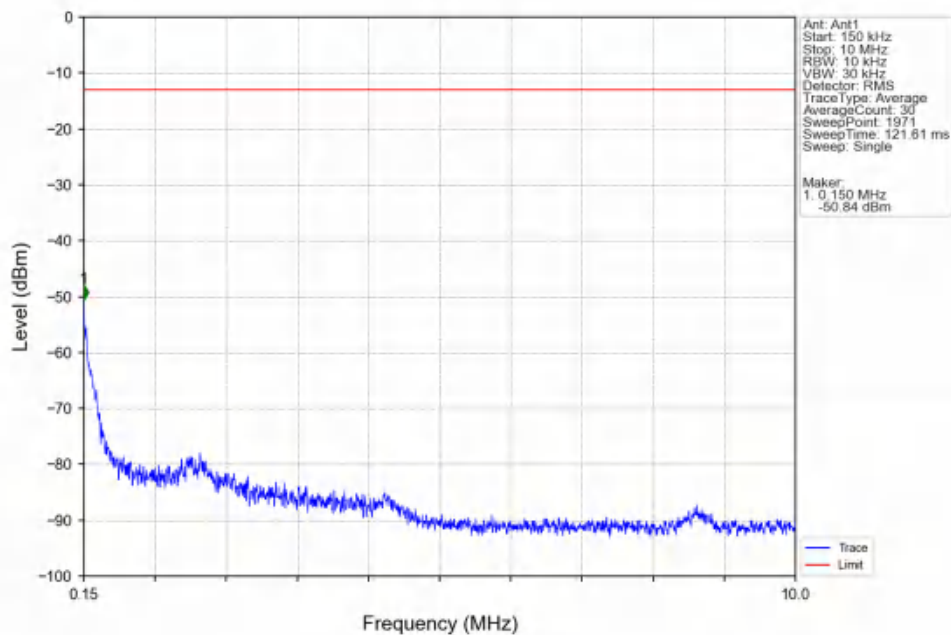
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTNV



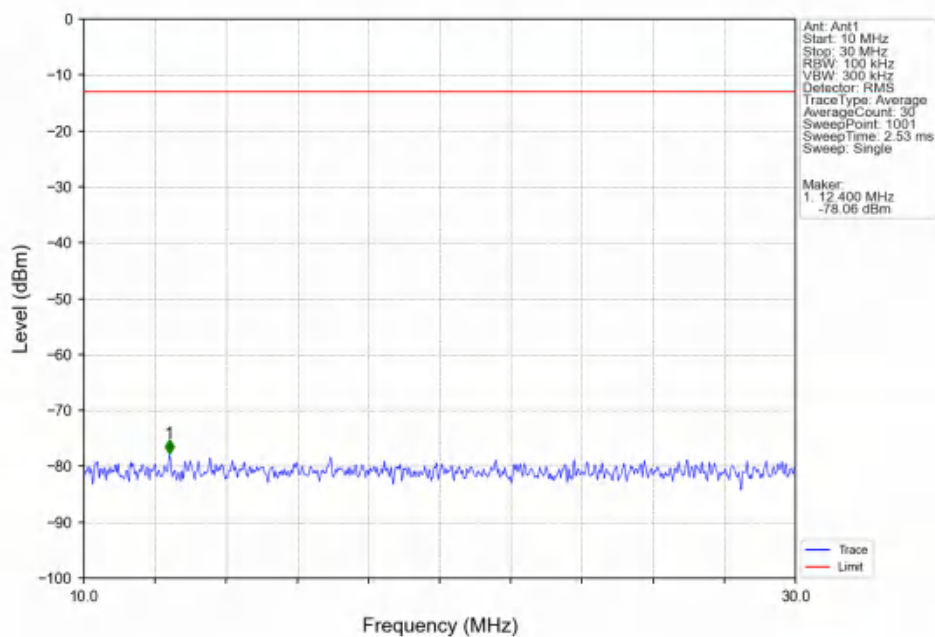
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTNV



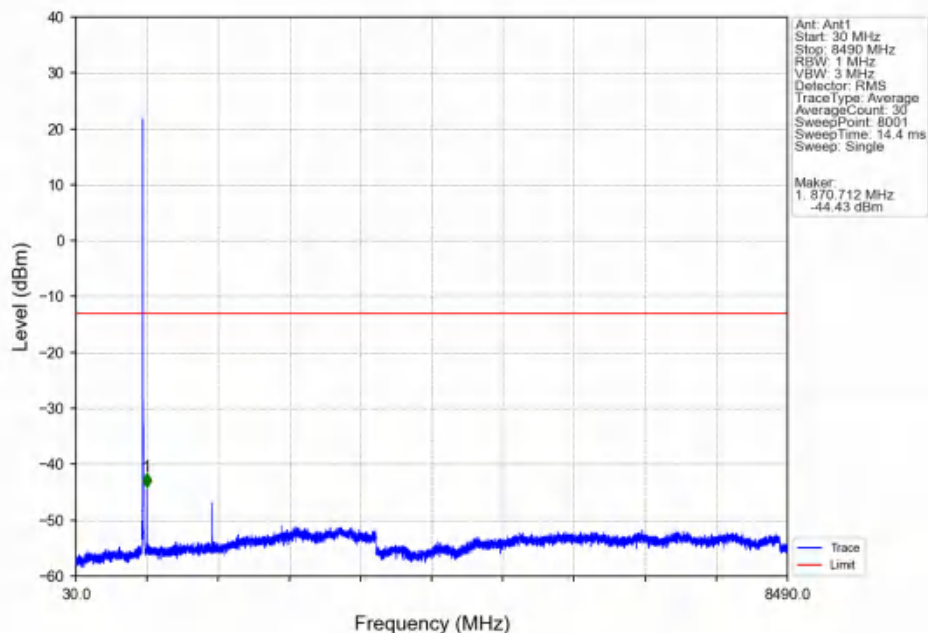
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN



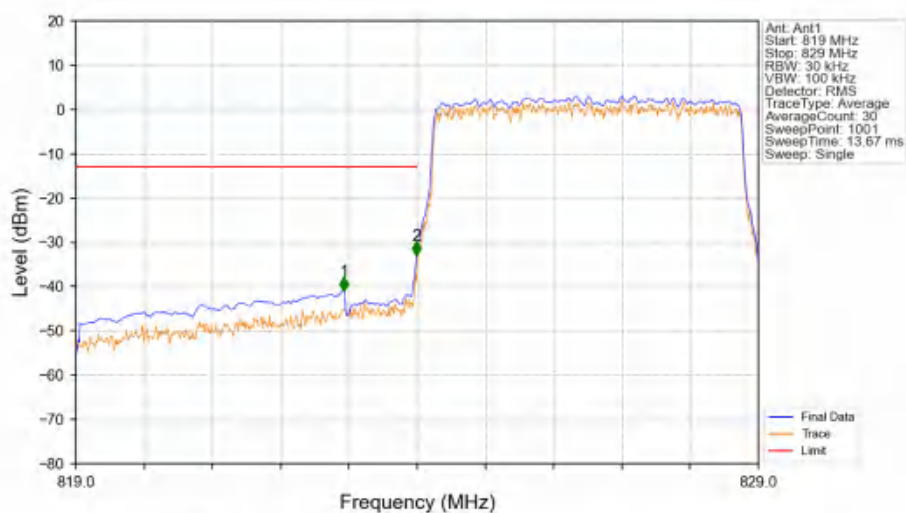
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN



Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTNV

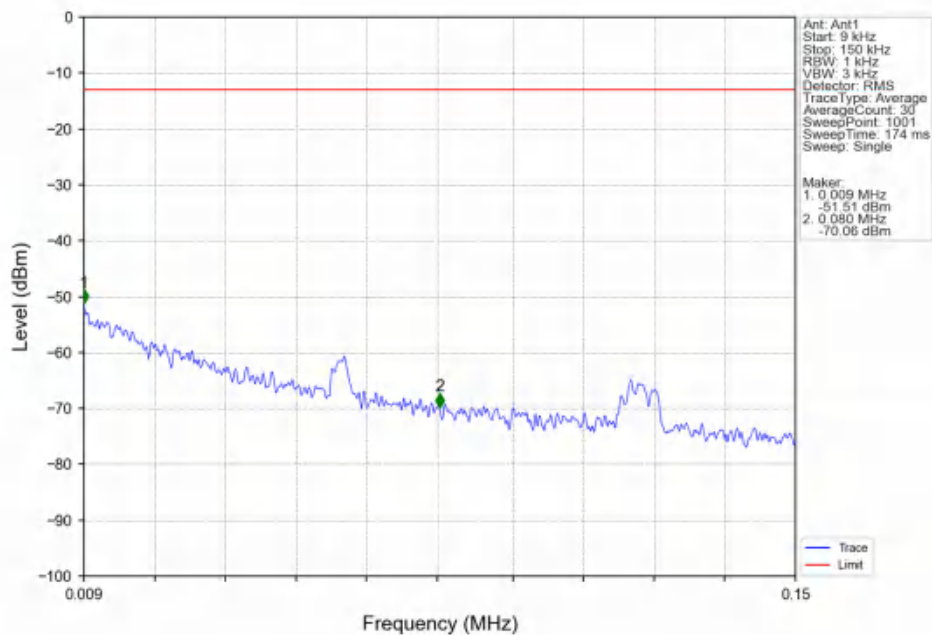


Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV

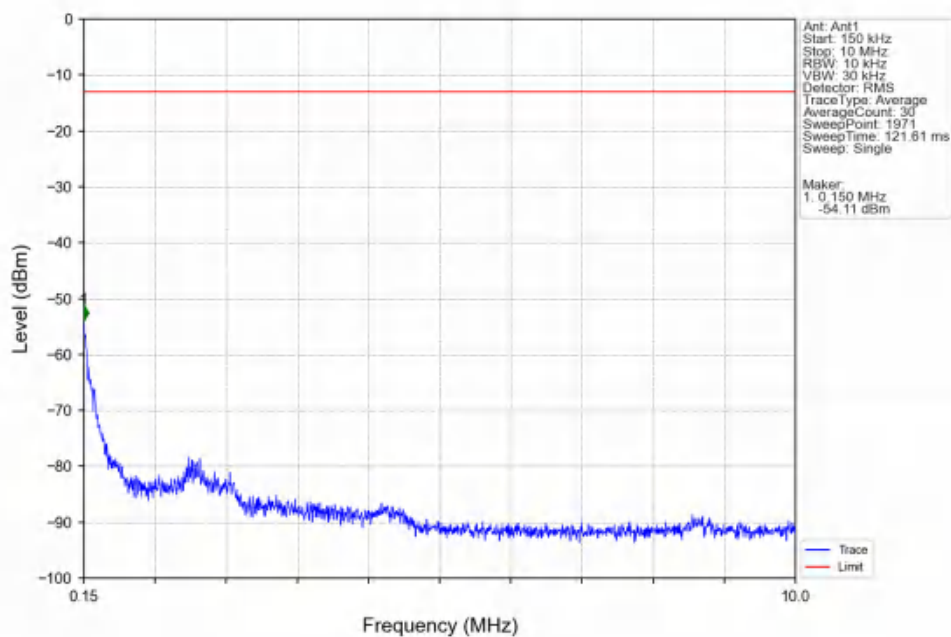


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.930    | -40.98      | -13         | Pass   |
| 823         | 824        | 0.051     | CHP    | 2          | 823.990    | -33.00      | -13         | Pass   |
| 824         | 829        | 0.051     | CHP    | /          | /          | /           | /           | /      |

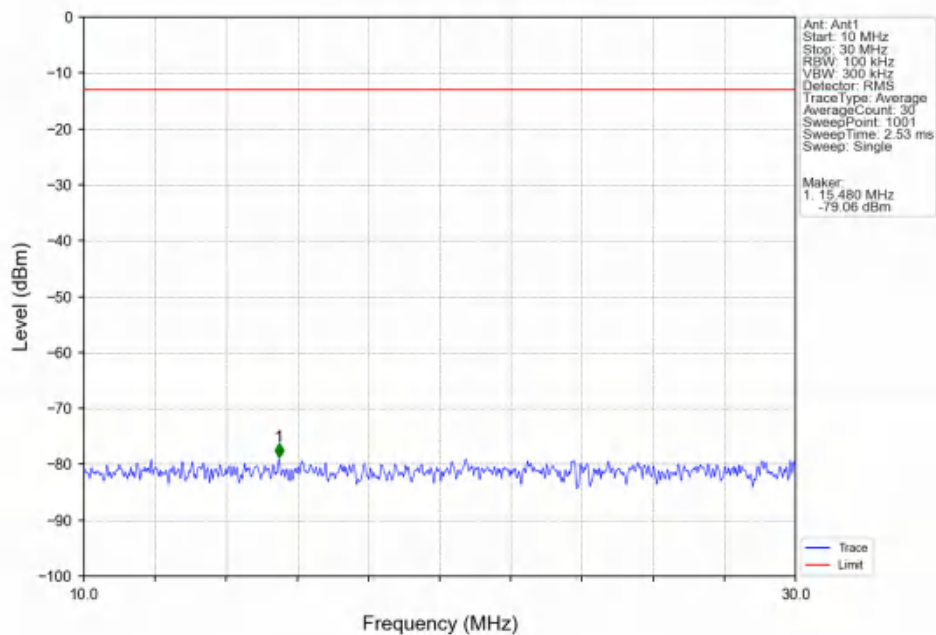
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



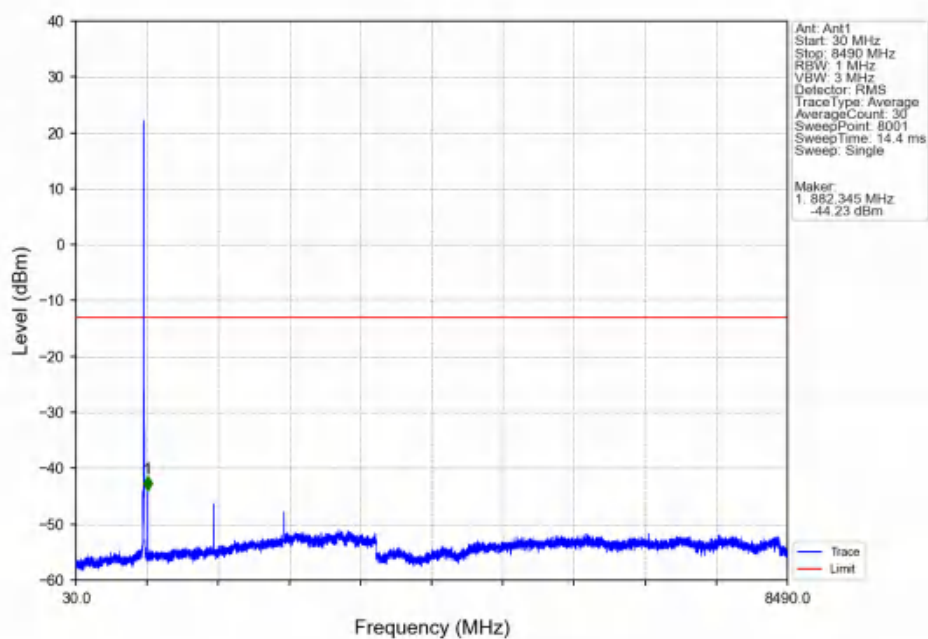
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



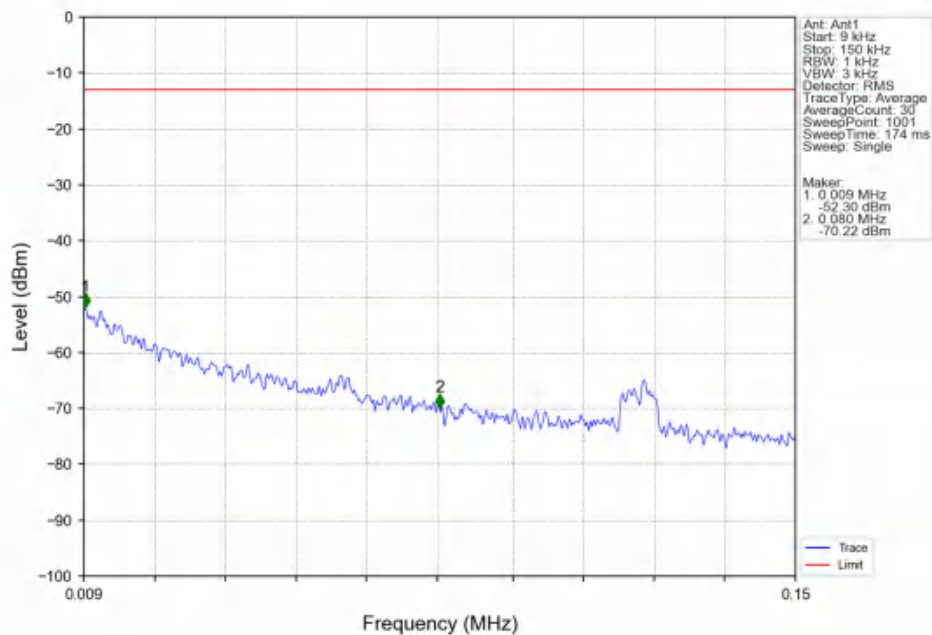
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTN



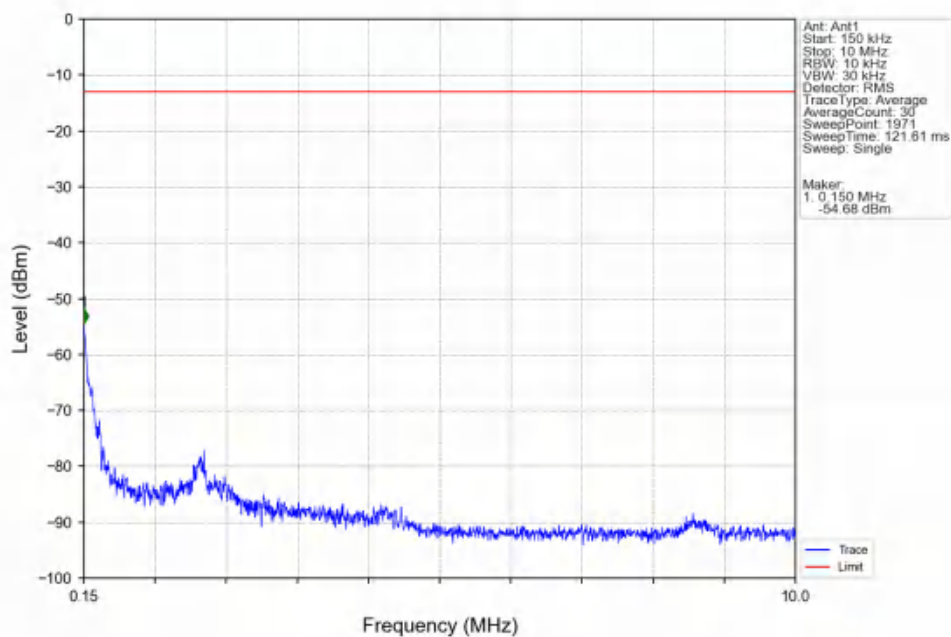
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTN



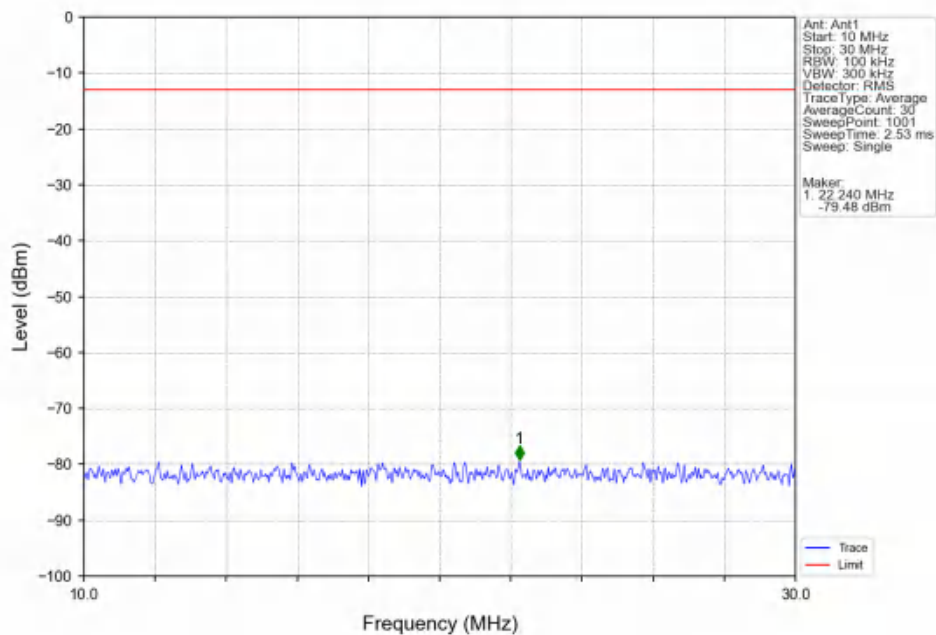
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



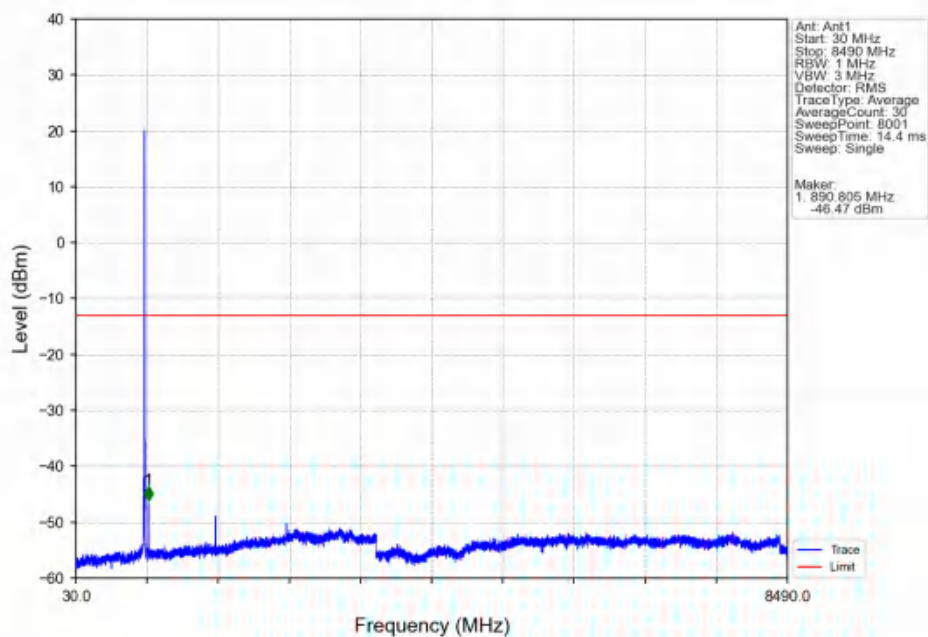
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



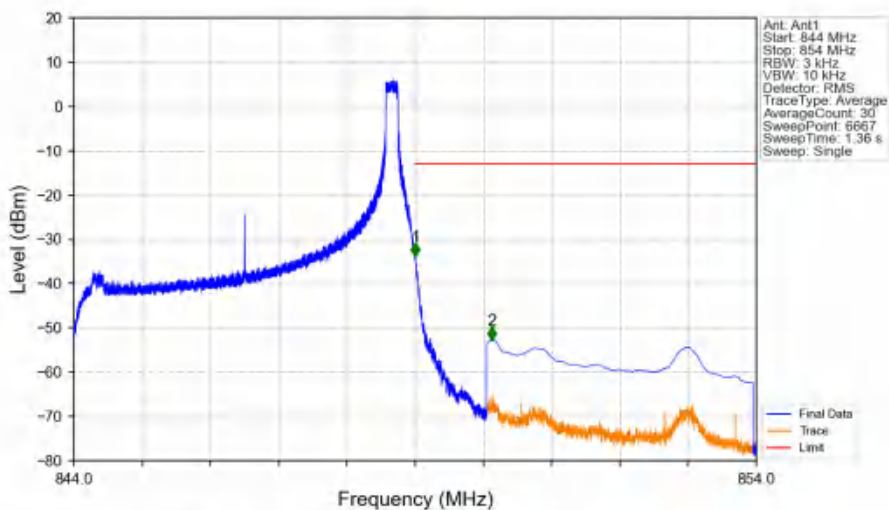
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTN



Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTN

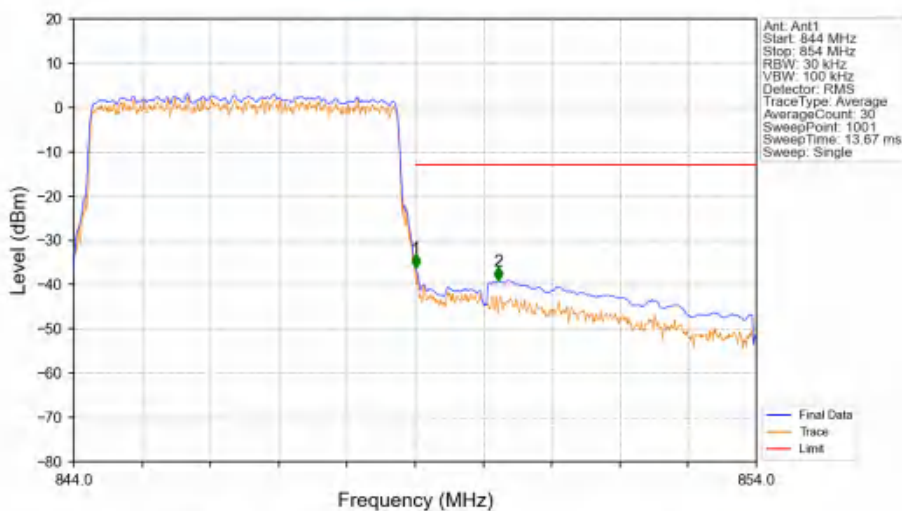


Band5 5MHz 16QAM HCH 846.5MHz RB 1 24 NTNV



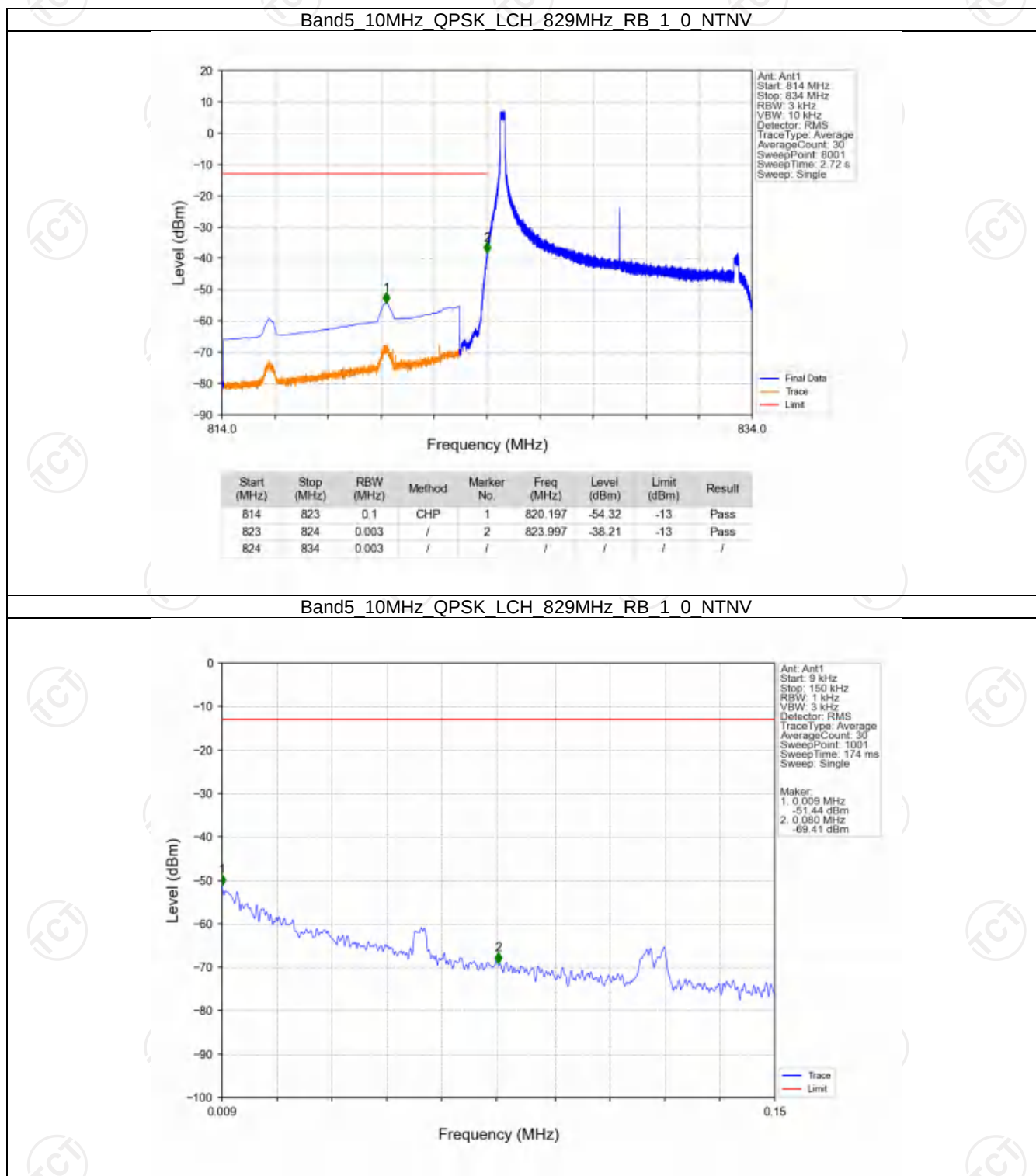
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.001    | -33.85      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.127    | -52.81      | -13         | Pass   |

Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV

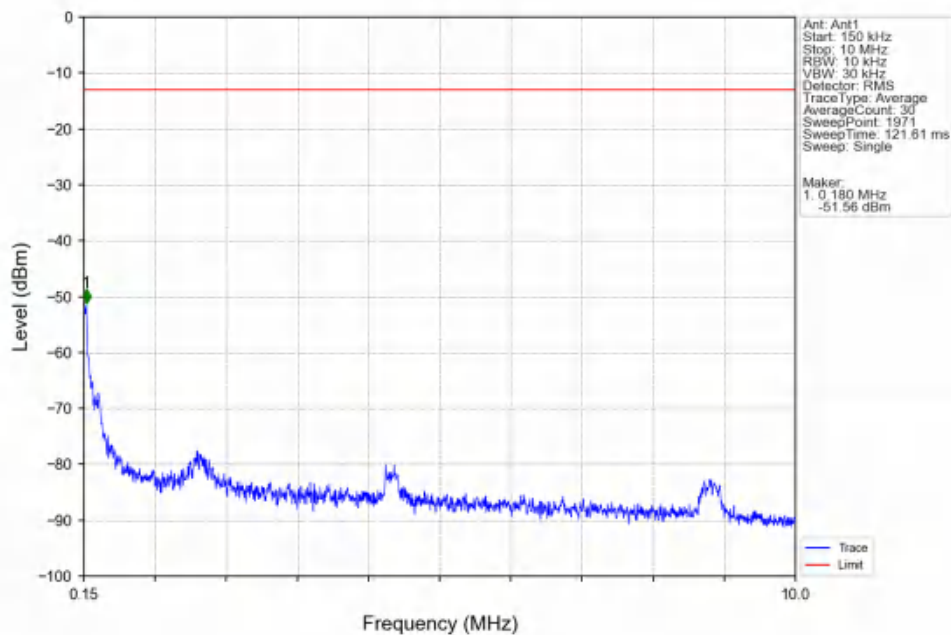


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.05      | CHP    | 1          | 849.010    | -36.26      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.220    | -39.12      | -13         | Pass   |

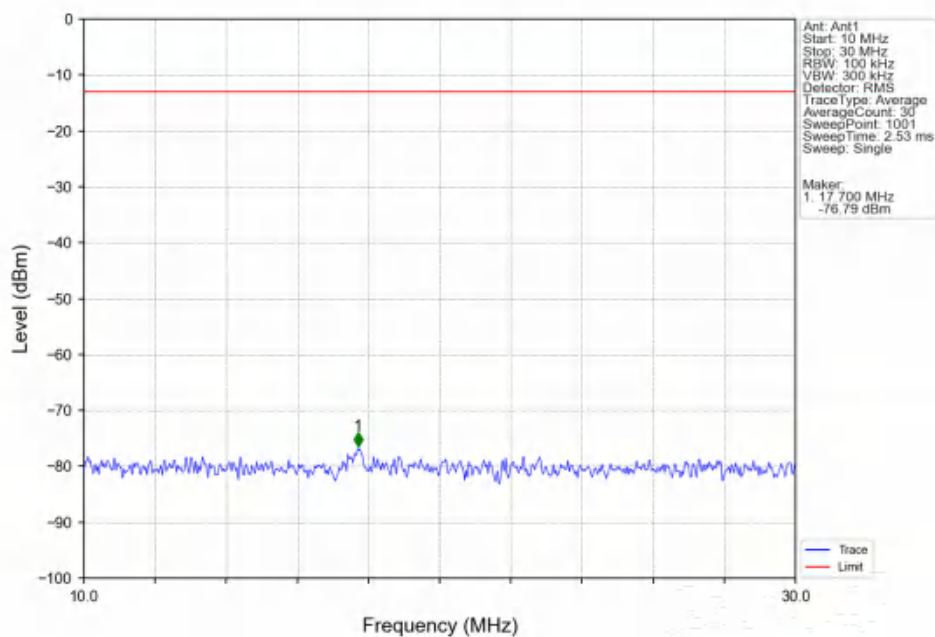
## 6.2.4 B5\_10MHz



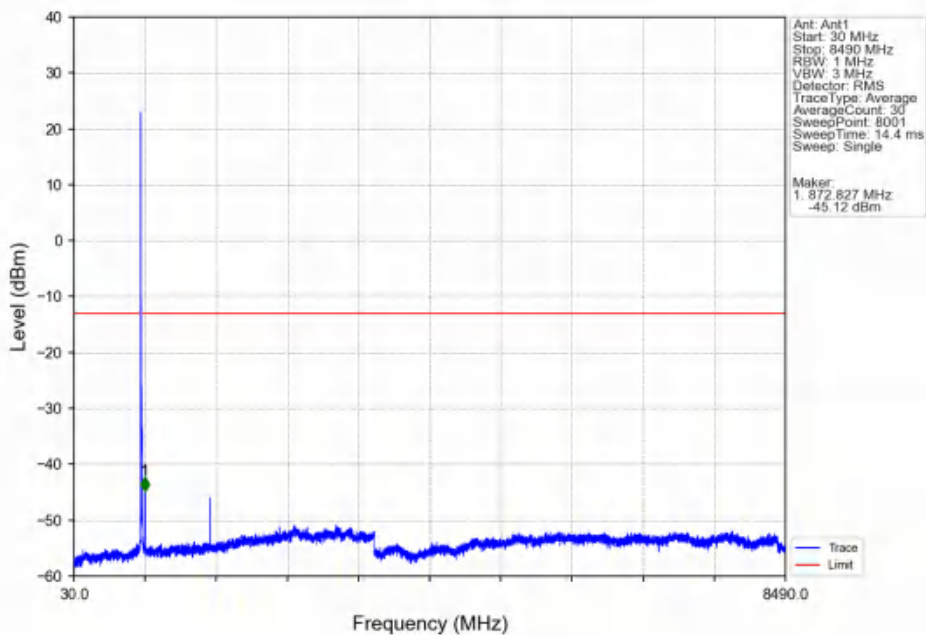
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTN



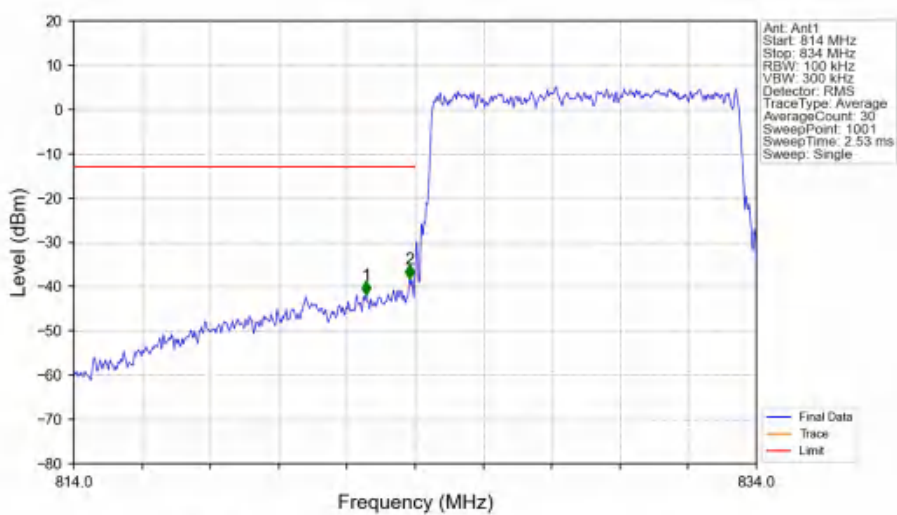
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTN



Band5 10MHz QPSK LCH 829MHz RB 1 0 NTNV

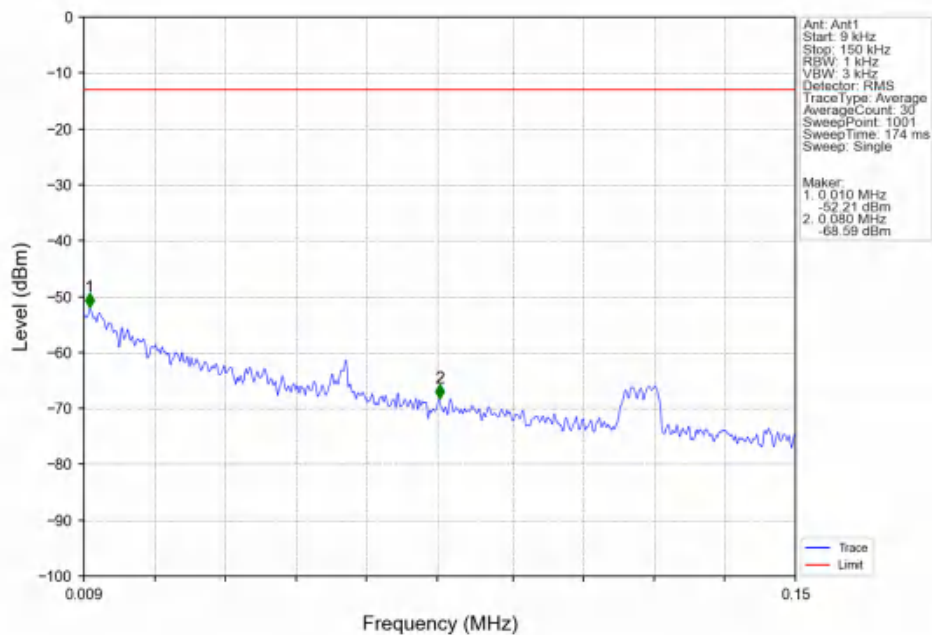


Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV

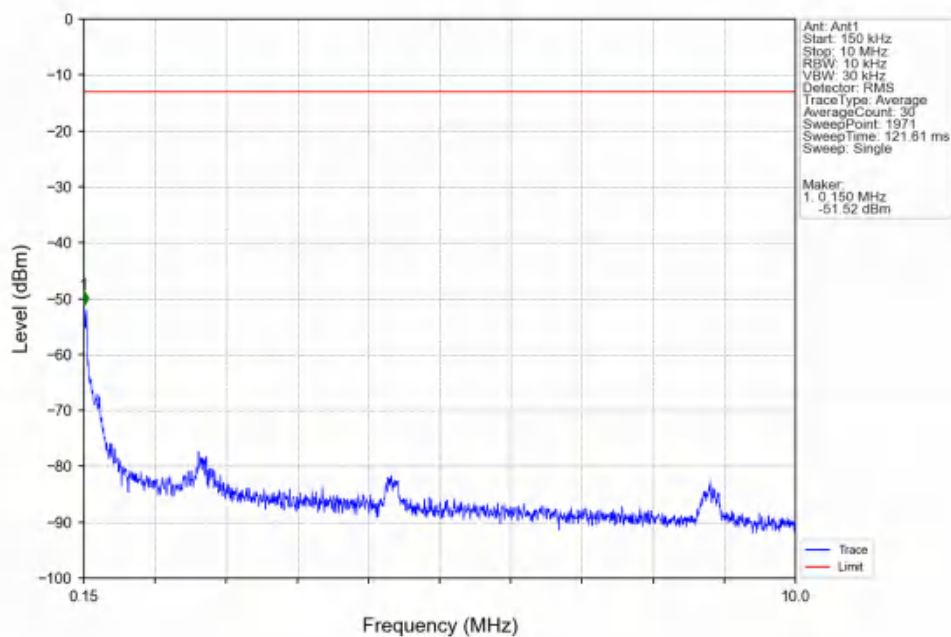


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | /      | 1          | 822.560    | -41.92      | -13         | Pass   |
| 823         | 824        | 0.1       | /      | 2          | 823.840    | -38.26      | -13         | Pass   |
| 824         | 834        | 0.1       | /      | /          | /          | /           | /           | /      |

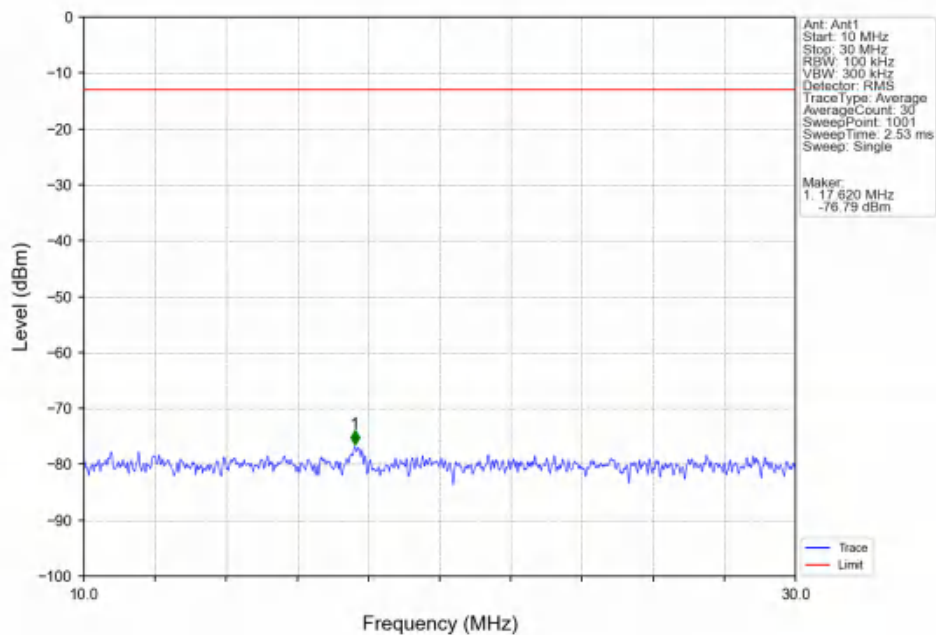
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTN



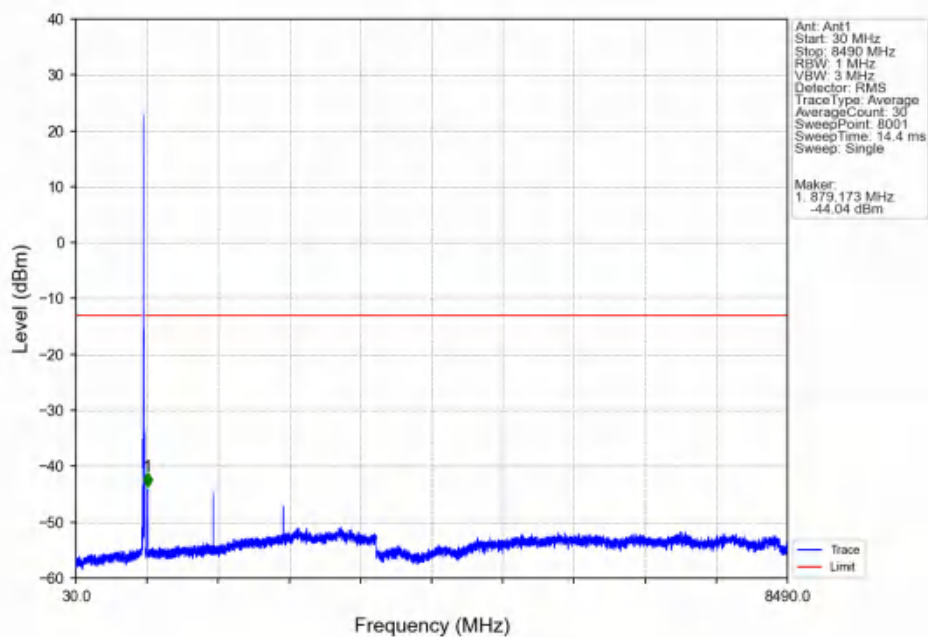
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTN



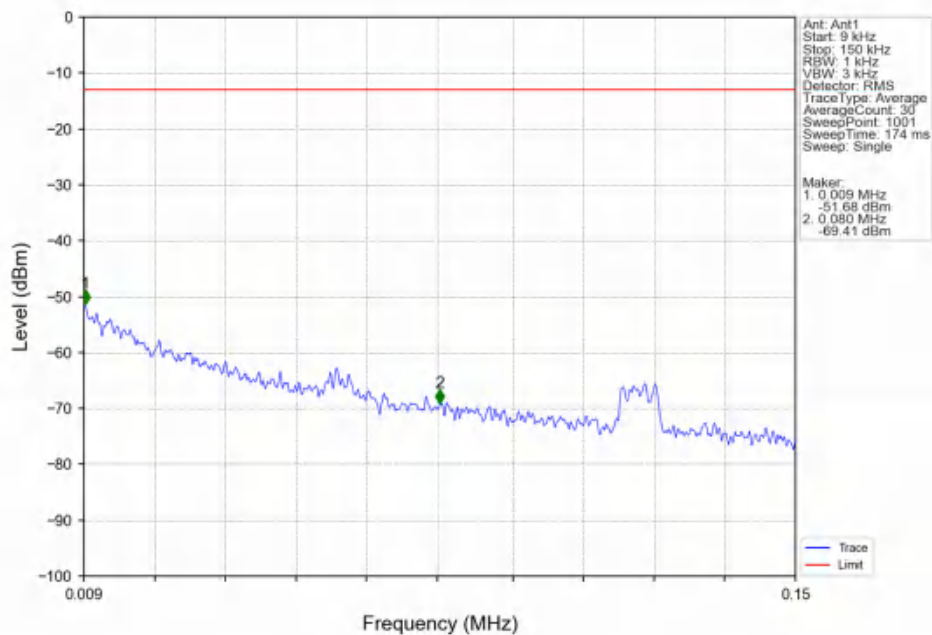
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTNV



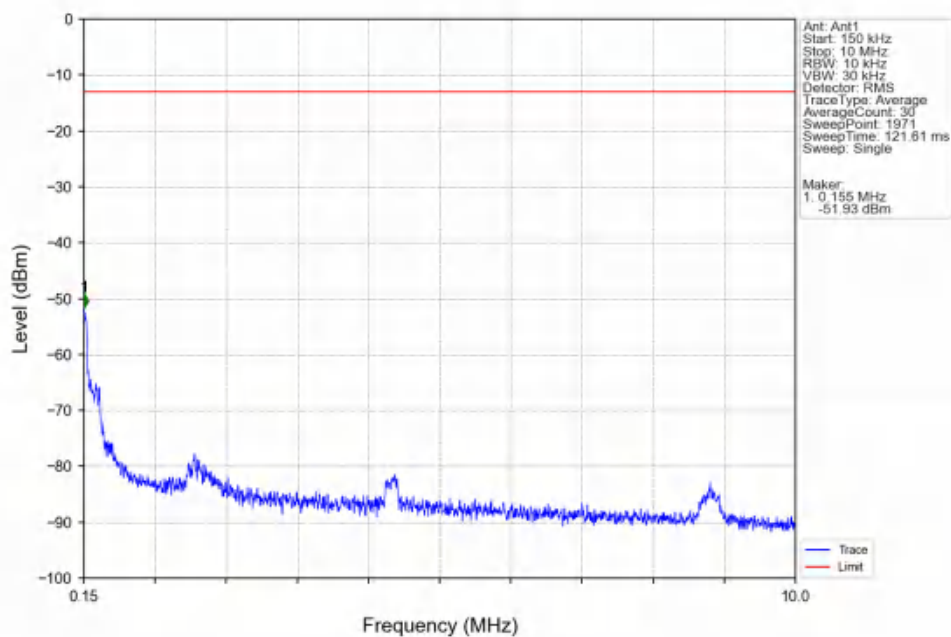
Band5 10MHz QPSK MCH 836.5MHz RB 1 0 NTNV



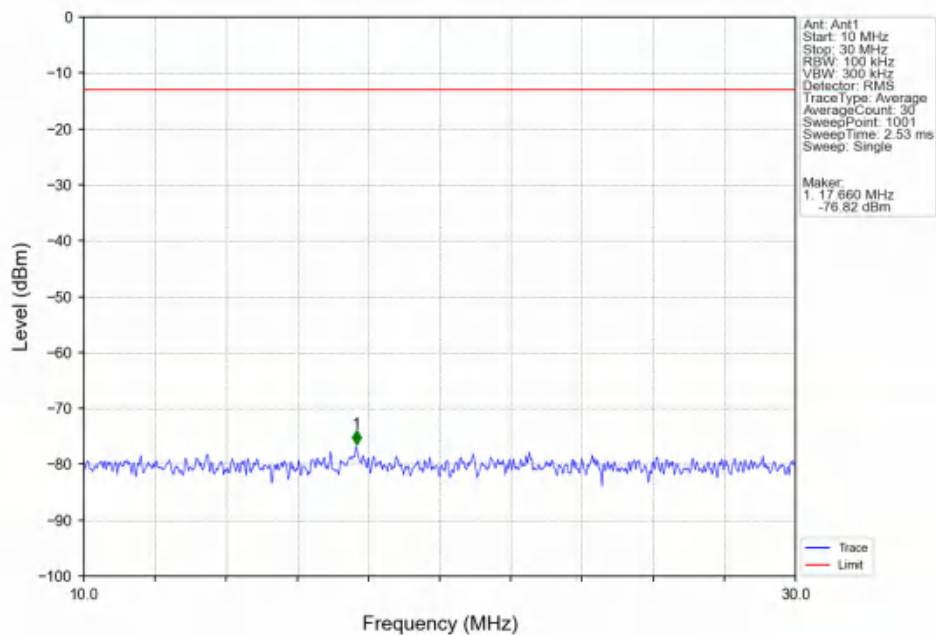
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



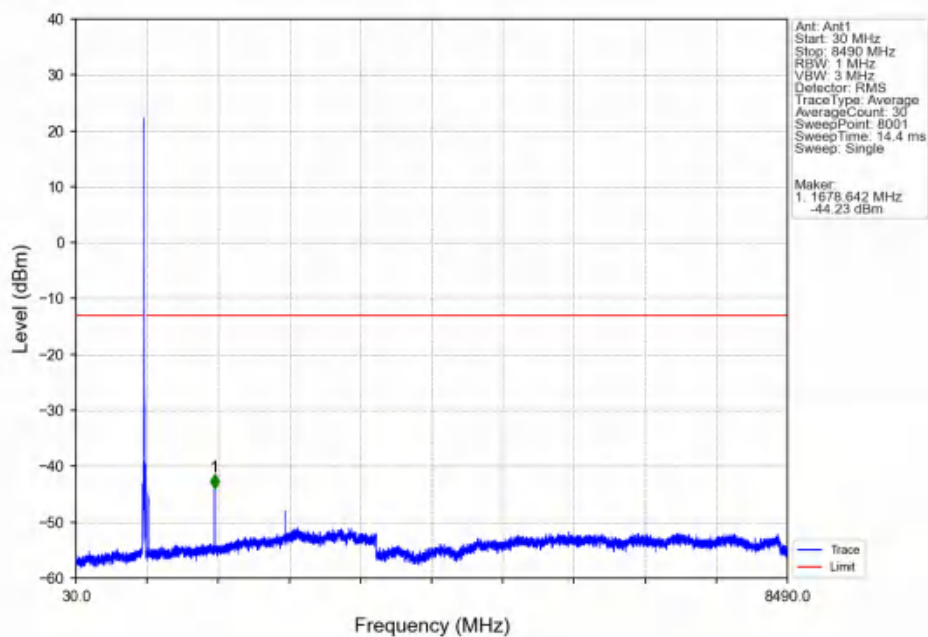
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



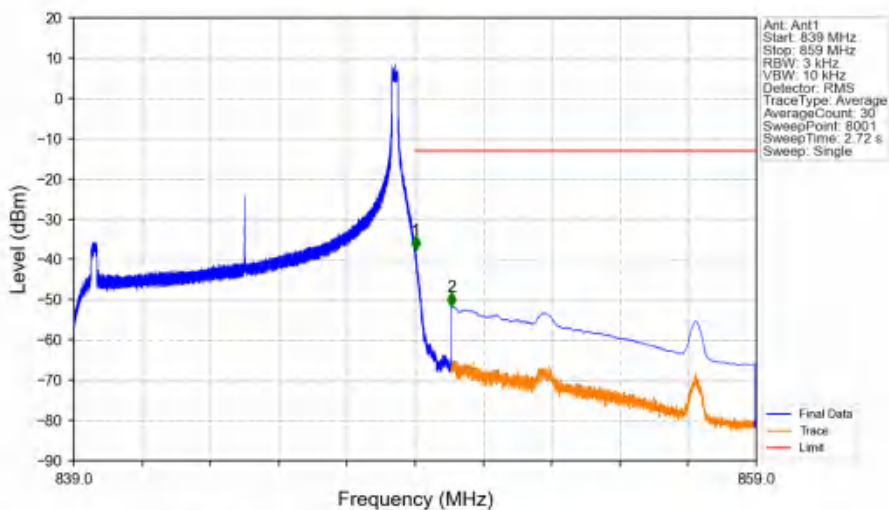
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV

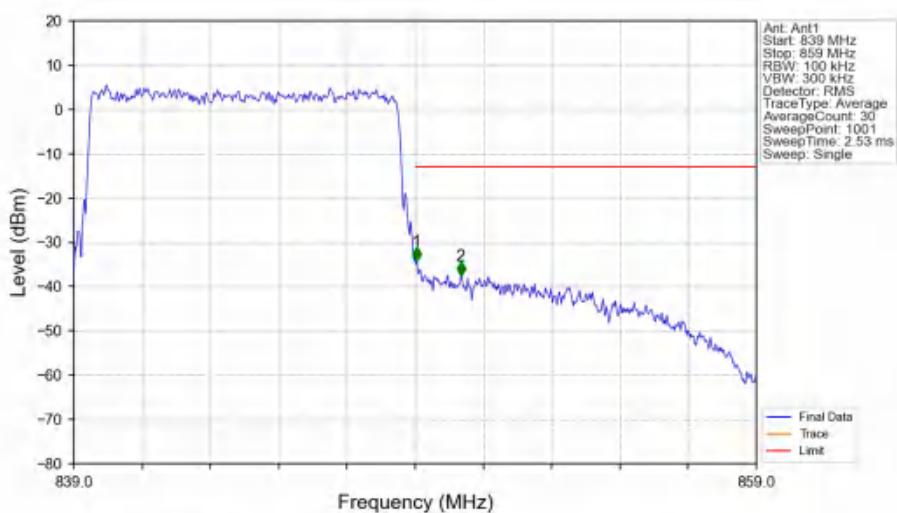


## Band5 10MHz QPSK HCH 844MHz RB 1 49 NTNV



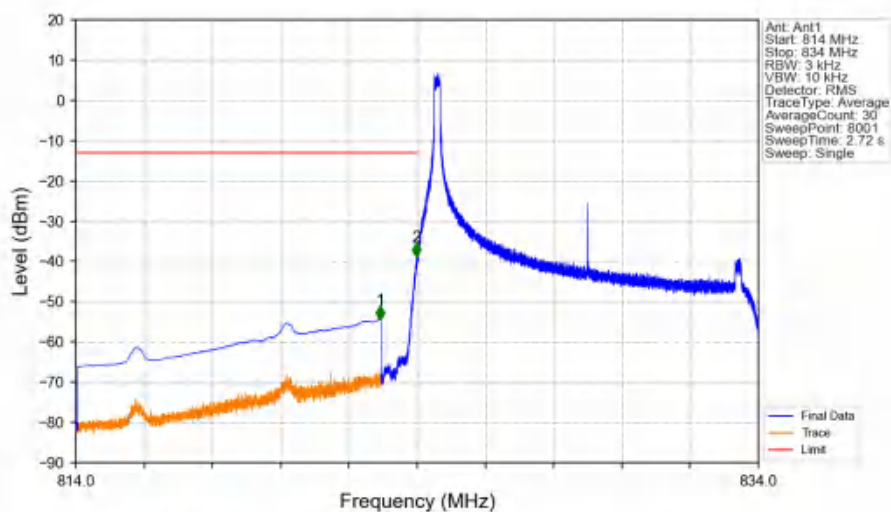
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.013    | -37.63      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 850.072    | -51.72      | -13         | Pass   |

## Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV

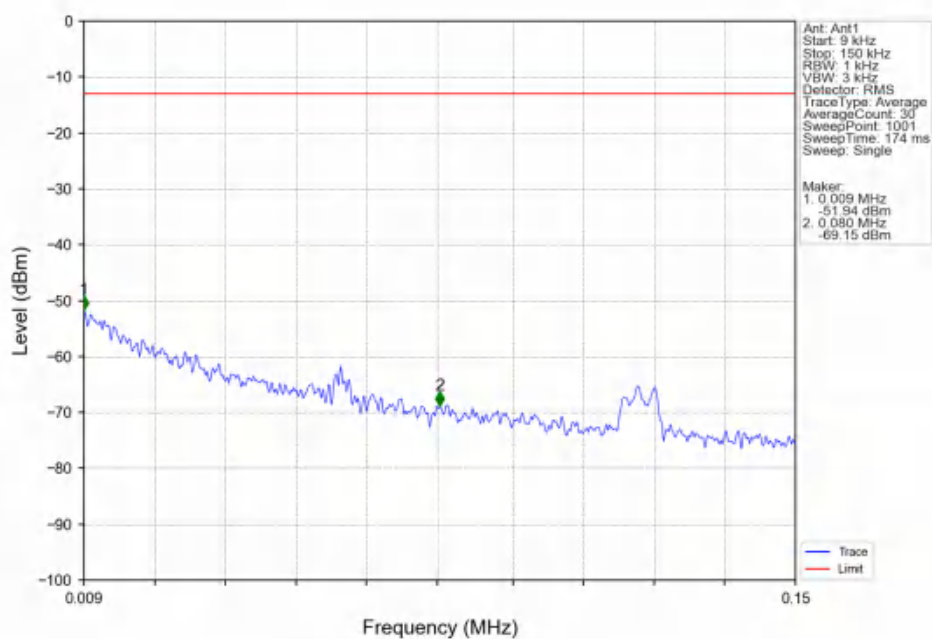


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.1       | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.1       | /      | 1          | 849.040    | -34.19      | -13         | Pass   |
| 850         | 859        | 0.1       | /      | 2          | 850.340    | -37.58      | -13         | Pass   |

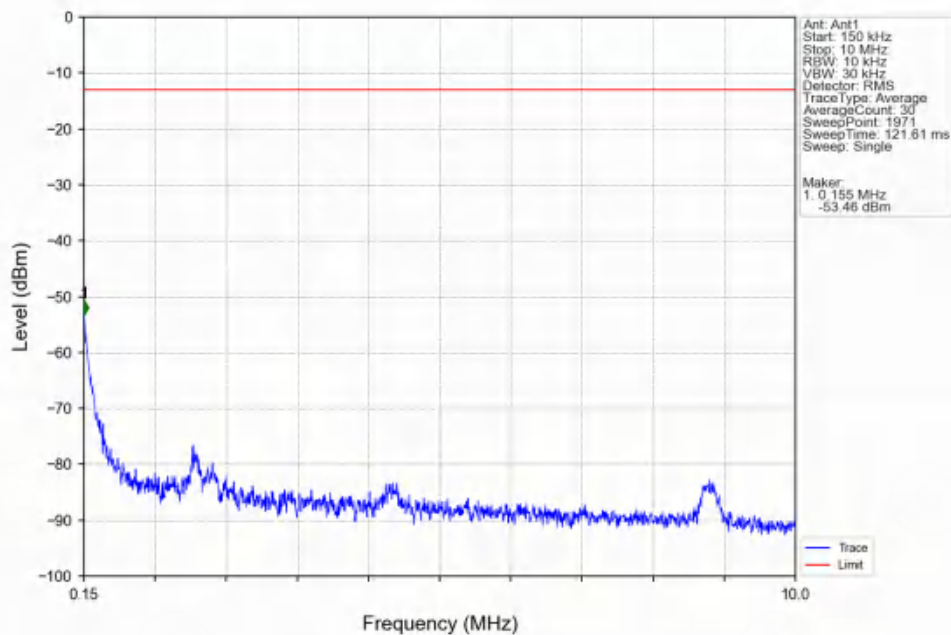
Band5 10MHz 16QAM LCH 829MHz RB 1 0 NTNV



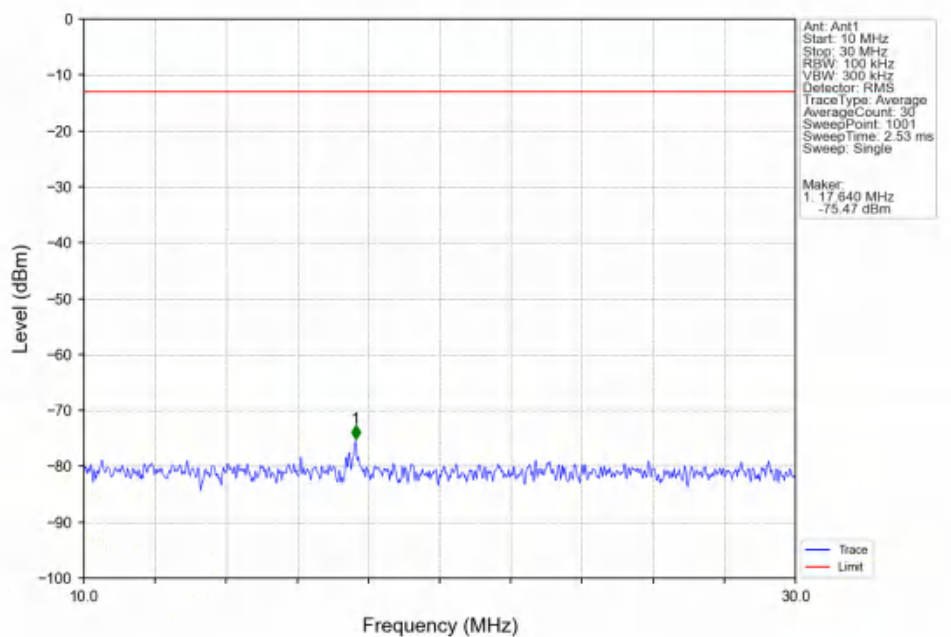
Band5 10MHz 16QAM LCH 829MHz RB 1 0 NTNV



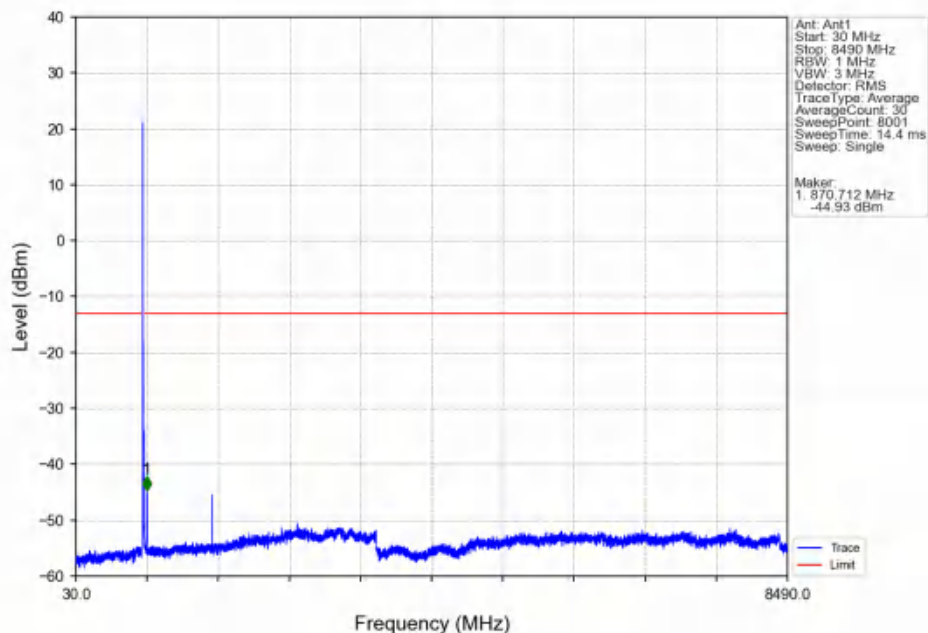
Band5 10MHz 16QAM LCH 829MHz RB 1 0 NTNV



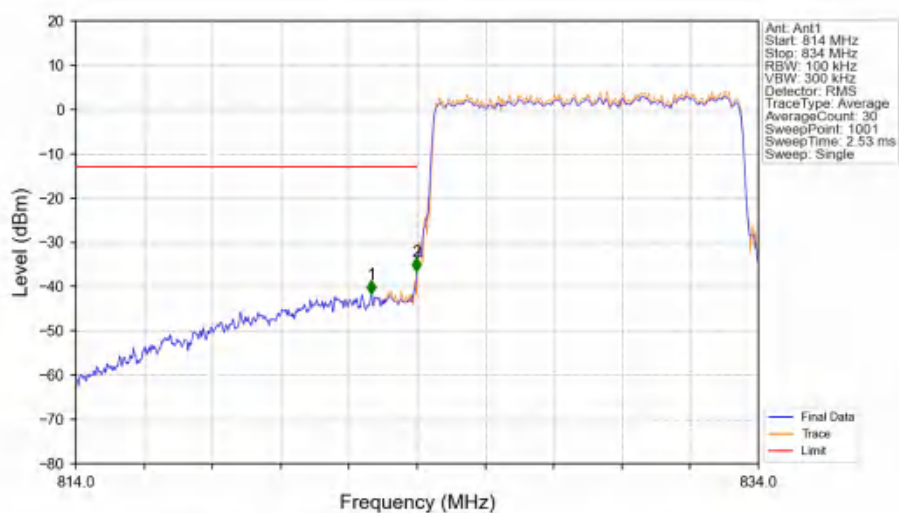
Band5 10MHz 16QAM LCH 829MHz RB 1 0 NTNV



Band5 10MHz 16QAM LCH 829MHz RB 1 0 NTV

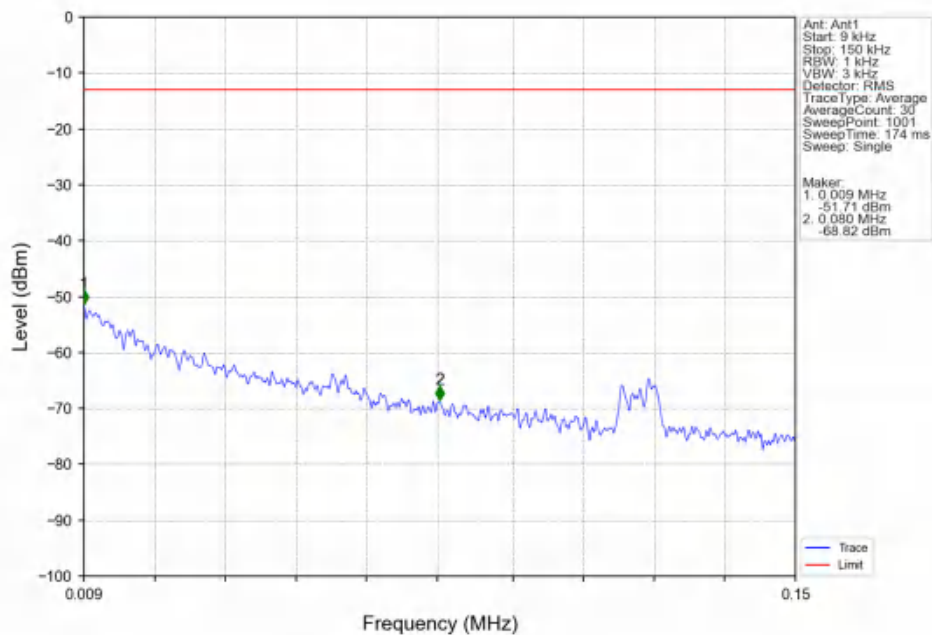


Band5 10MHz 16QAM LCH 829MHz RB 50 0 NTV

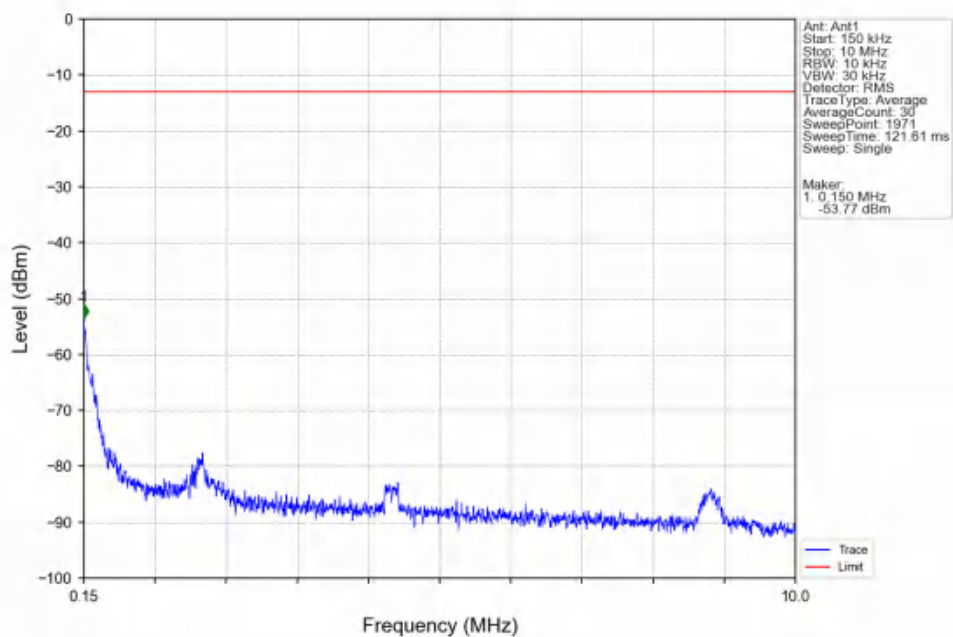


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | /      | 1          | 822.660    | -41.62      | -13         | Pass   |
| 823         | 824        | 0.101     | CHP    | 2          | 823.980    | -36.64      | -13         | Pass   |
| 824         | 834        | 0.101     | CHP    | /          | /          | /           | /           | /      |

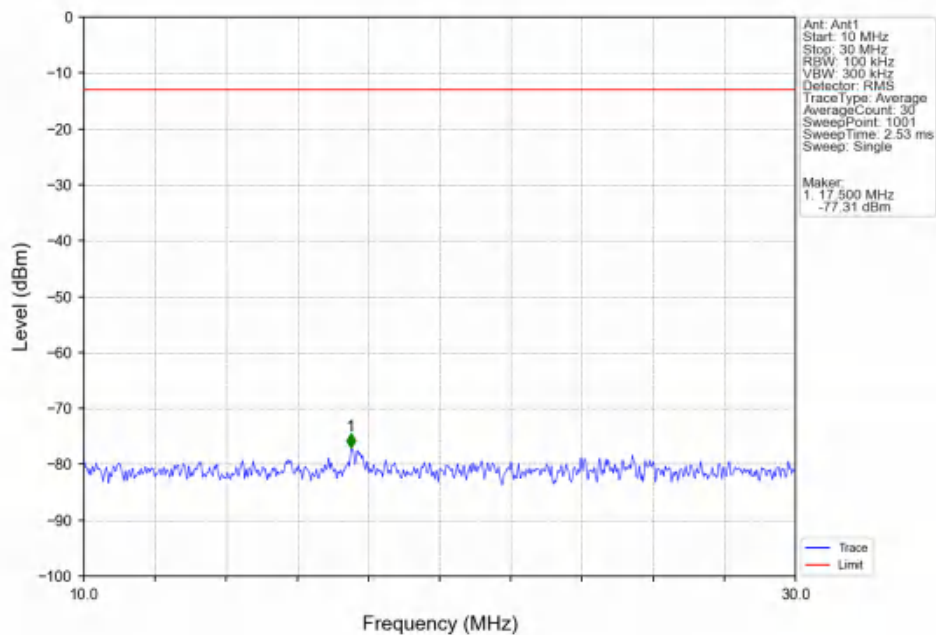
Band5 10MHz 16QAM MCH 836.5MHz RB 1 0 NTV



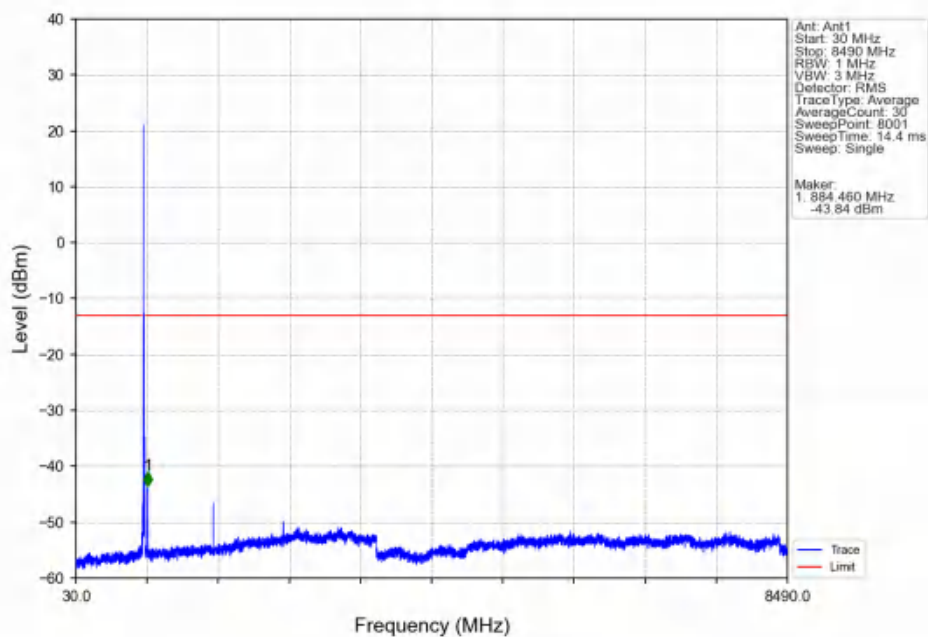
Band5 10MHz 16QAM MCH 836.5MHz RB 1 0 NTV



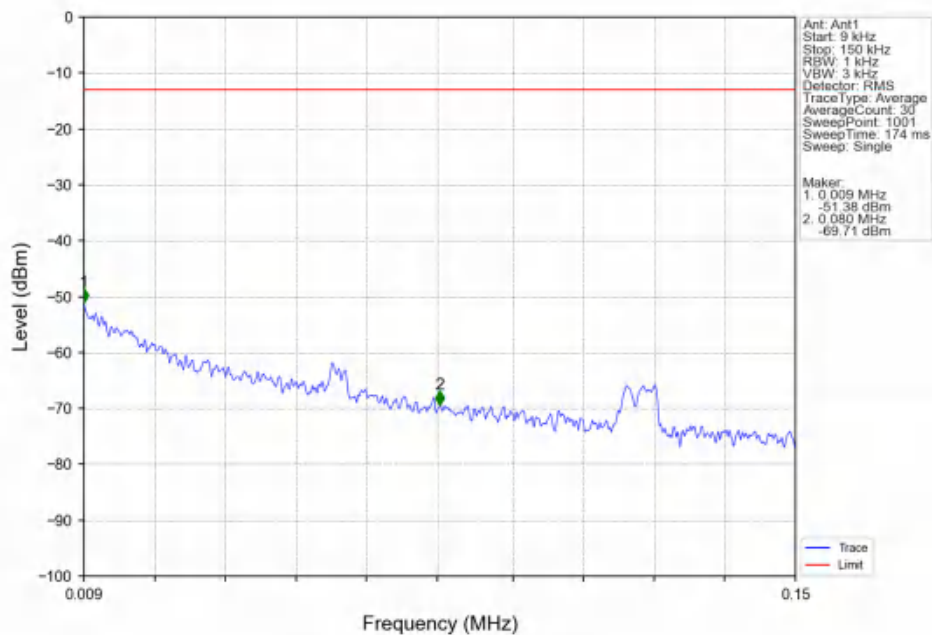
Band5 10MHz 16QAM MCH 836.5MHz RB 1 0 NTV



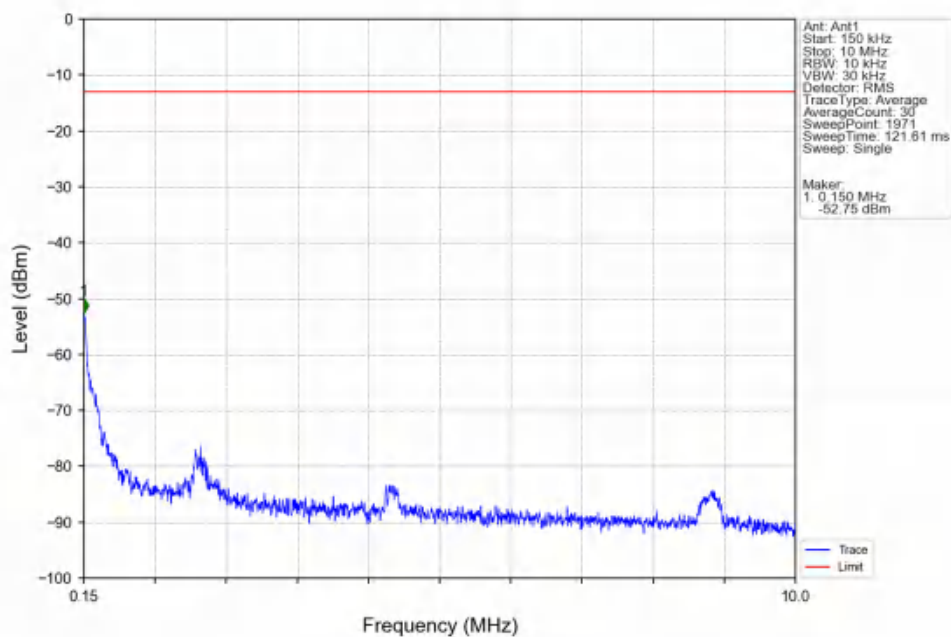
Band5 10MHz 16QAM MCH 836.5MHz RB 1 0 NTV



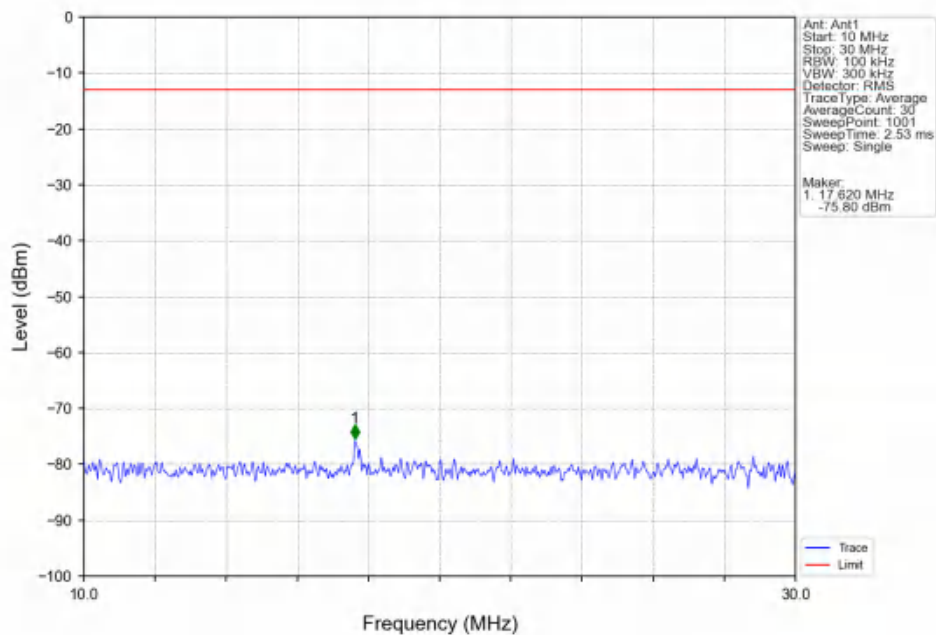
Band5 10MHz 16QAM HCH 844MHz RB 1 0 NTN



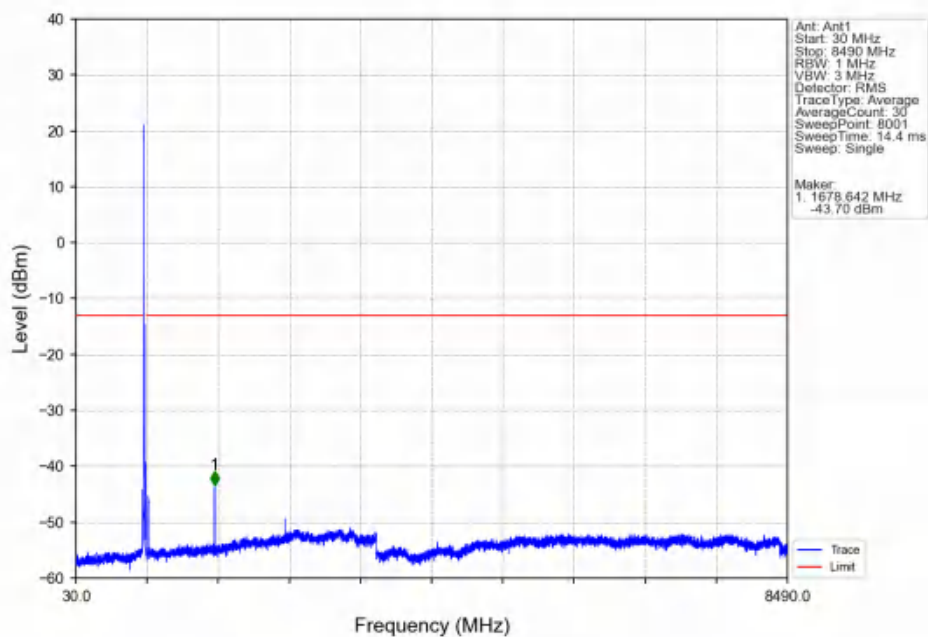
Band5 10MHz 16QAM HCH 844MHz RB 1 0 NTN



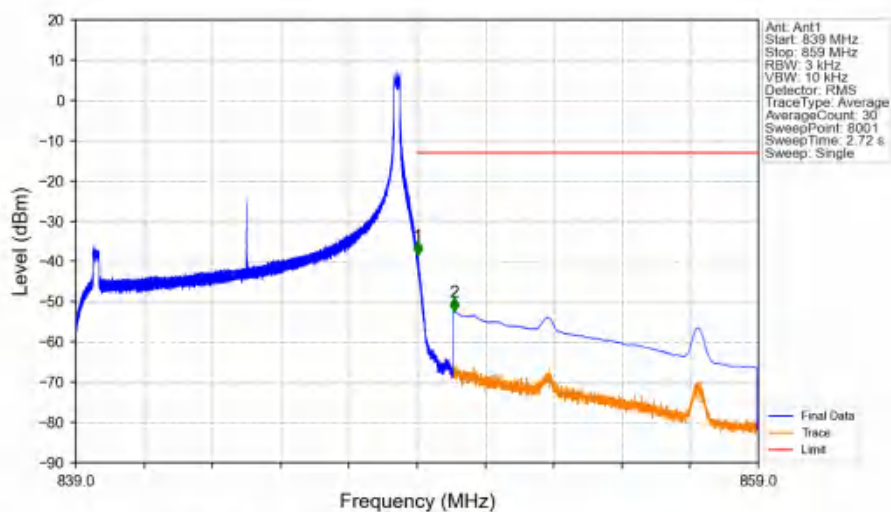
Band5 10MHz 16QAM HCH 844MHz RB 1 0 NTN



Band5 10MHz 16QAM HCH 844MHz RB 1 0 NTN

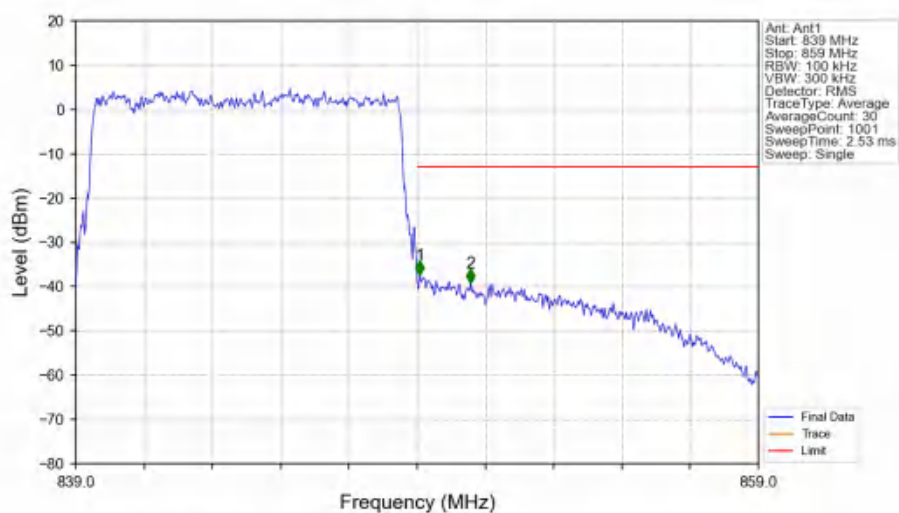


Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.015    | -38.50      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 850.097    | -52.43      | -13         | Pass   |

Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.1       | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.1       | /      | 1          | 849.080    | -37.29      | -13         | Pass   |
| 850         | 859        | 0.1       | /      | 2          | 850.560    | -39.13      | -13         | Pass   |