

Band: 5 / Bandwidth: 3MHz / NTV

| Modulation | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
|            |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK       | 825.5           | 1             | 0      | 23.76                 | -2.50      | 19.11     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.71                 | -2.50      | 19.06     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.70                 | -2.50      | 19.05     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 23.13                 | -2.50      | 18.48     | <=38.45 | Pass    |
|            |                 |               | 4      | 23.14                 | -2.50      | 18.49     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.16                 | -2.50      | 18.51     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 23.15                 | -2.50      | 18.50     | <=38.45 | Pass    |
|            | 836.5           | 1             | 0      | 23.61                 | -2.50      | 18.96     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.68                 | -2.50      | 19.03     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.69                 | -2.50      | 19.04     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 23.14                 | -2.50      | 18.49     | <=38.45 | Pass    |
|            |                 |               | 4      | 23.12                 | -2.50      | 18.47     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.15                 | -2.50      | 18.50     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 23.17                 | -2.50      | 18.52     | <=38.45 | Pass    |
|            | 847.5           | 1             | 0      | 23.48                 | -2.50      | 18.83     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.52                 | -2.50      | 18.87     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.54                 | -2.50      | 18.89     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 23.09                 | -2.50      | 18.44     | <=38.45 | Pass    |
|            |                 |               | 4      | 23.07                 | -2.50      | 18.42     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.07                 | -2.50      | 18.42     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 23.08                 | -2.50      | 18.43     | <=38.45 | Pass    |
| 16QAM      | 825.5           | 1             | 0      | 23.18                 | -2.50      | 18.53     | <=38.45 | Pass    |
|            |                 |               | 7      | 23.19                 | -2.50      | 18.54     | <=38.45 | Pass    |
|            |                 |               | 14     | 23.22                 | -2.50      | 18.57     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.32                 | -2.50      | 17.67     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.33                 | -2.50      | 17.68     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.35                 | -2.50      | 17.70     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.23                 | -2.50      | 17.58     | <=38.45 | Pass    |
|            | 836.5           | 1             | 0      | 22.73                 | -2.50      | 18.08     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.73                 | -2.50      | 18.08     | <=38.45 | Pass    |
|            |                 |               | 14     | 22.70                 | -2.50      | 18.05     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.20                 | -2.50      | 17.55     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.19                 | -2.50      | 17.54     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.23                 | -2.50      | 17.58     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.22                 | -2.50      | 17.57     | <=38.45 | Pass    |
|            | 847.5           | 1             | 0      | 22.73                 | -2.50      | 18.08     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.76                 | -2.50      | 18.11     | <=38.45 | Pass    |
|            |                 |               | 14     | 22.75                 | -2.50      | 18.10     | <=38.45 | Pass    |
|            |                 | 8             | 0      | 22.06                 | -2.50      | 17.41     | <=38.45 | Pass    |
|            |                 |               | 4      | 22.05                 | -2.50      | 17.40     | <=38.45 | Pass    |
|            |                 |               | 7      | 22.04                 | -2.50      | 17.39     | <=38.45 | Pass    |
|            |                 | 15            | 0      | 22.01                 | -2.50      | 17.36     | <=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      | 23.88                 | -2.50      | 19.23     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.84                 | -2.50      | 19.19     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.86                 | -2.50      | 19.21     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 23.16                 | -2.50      | 18.51     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.17                 | -2.50      | 18.52     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.15                 | -2.50      | 18.50     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.17                 | -2.50      | 18.52     | <=38.45 | Pass    |

|       |       |    |    |       |       |       |         |      |
|-------|-------|----|----|-------|-------|-------|---------|------|
|       | 836.5 | 1  | 0  | 23.71 | -2.50 | 19.06 | <=38.45 | Pass |
|       |       |    | 13 | 23.65 | -2.50 | 19.00 | <=38.45 | Pass |
|       |       |    | 24 | 23.71 | -2.50 | 19.06 | <=38.45 | Pass |
|       |       | 12 | 0  | 23.09 | -2.50 | 18.44 | <=38.45 | Pass |
|       |       |    | 6  | 23.12 | -2.50 | 18.47 | <=38.45 | Pass |
|       |       |    | 13 | 23.12 | -2.50 | 18.47 | <=38.45 | Pass |
|       |       | 25 | 0  | 23.11 | -2.50 | 18.46 | <=38.45 | Pass |
|       | 846.5 | 1  | 0  | 23.58 | -2.50 | 18.93 | <=38.45 | Pass |
|       |       |    | 13 | 23.53 | -2.50 | 18.88 | <=38.45 | Pass |
|       |       |    | 24 | 23.64 | -2.50 | 18.99 | <=38.45 | Pass |
|       |       | 12 | 0  | 23.10 | -2.50 | 18.45 | <=38.45 | Pass |
|       |       |    | 6  | 23.07 | -2.50 | 18.42 | <=38.45 | Pass |
|       |       |    | 13 | 22.99 | -2.50 | 18.34 | <=38.45 | Pass |
|       |       | 25 | 0  | 23.05 | -2.50 | 18.40 | <=38.45 | Pass |
| 16QAM | 826.5 | 1  | 0  | 22.61 | -2.50 | 17.96 | <=38.45 | Pass |
|       |       |    | 13 | 22.53 | -2.50 | 17.88 | <=38.45 | Pass |
|       |       |    | 24 | 22.58 | -2.50 | 17.93 | <=38.45 | Pass |
|       |       | 12 | 0  | 22.19 | -2.50 | 17.54 | <=38.45 | Pass |
|       |       |    | 6  | 22.15 | -2.50 | 17.50 | <=38.45 | Pass |
|       |       |    | 13 | 22.16 | -2.50 | 17.51 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.20 | -2.50 | 17.55 | <=38.45 | Pass |
|       | 836.5 | 1  | 0  | 22.79 | -2.50 | 18.14 | <=38.45 | Pass |
|       |       |    | 13 | 22.73 | -2.50 | 18.08 | <=38.45 | Pass |
|       |       |    | 24 | 22.79 | -2.50 | 18.14 | <=38.45 | Pass |
|       |       | 12 | 0  | 22.09 | -2.50 | 17.44 | <=38.45 | Pass |
|       |       |    | 6  | 22.09 | -2.50 | 17.44 | <=38.45 | Pass |
|       |       |    | 13 | 22.14 | -2.50 | 17.49 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.15 | -2.50 | 17.50 | <=38.45 | Pass |
|       | 846.5 | 1  | 0  | 22.84 | -2.50 | 18.19 | <=38.45 | Pass |
|       |       |    | 13 | 22.78 | -2.50 | 18.13 | <=38.45 | Pass |
|       |       |    | 24 | 22.88 | -2.50 | 18.23 | <=38.45 | Pass |
|       |       | 12 | 0  | 22.12 | -2.50 | 17.47 | <=38.45 | Pass |
|       |       |    | 6  | 22.11 | -2.50 | 17.46 | <=38.45 | Pass |
|       |       |    | 13 | 22.02 | -2.50 | 17.37 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.05 | -2.50 | 17.40 | <=38.45 | Pass |

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      | 23.71                 | -2.50      | 19.06     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.67                 | -2.50      | 19.02     | <=38.45 | Pass    |
|                                   |                 |               | 49     | 23.67                 | -2.50      | 19.02     | <=38.45 | Pass    |
|                                   |                 | 25            | 0      | 23.17                 | -2.50      | 18.52     | <=38.45 | Pass    |
|                                   |                 |               | 13     | 23.15                 | -2.50      | 18.50     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.11                 | -2.50      | 18.46     | <=38.45 | Pass    |
|                                   |                 | 50            | 0      | 23.18                 | -2.50      | 18.53     | <=38.45 | Pass    |
|                                   | 836.5           | 1             | 0      | 23.67                 | -2.50      | 19.02     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.64                 | -2.50      | 18.99     | <=38.45 | Pass    |
|                                   |                 |               | 49     | 23.63                 | -2.50      | 18.98     | <=38.45 | Pass    |
|                                   |                 | 25            | 0      | 23.11                 | -2.50      | 18.46     | <=38.45 | Pass    |
|                                   |                 |               | 13     | 23.12                 | -2.50      | 18.47     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.16                 | -2.50      | 18.51     | <=38.45 | Pass    |
|                                   |                 | 50            | 0      | 23.16                 | -2.50      | 18.51     | <=38.45 | Pass    |
|                                   | 844             | 1             | 0      | 23.59                 | -2.50      | 18.94     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.49                 | -2.50      | 18.84     | <=38.45 | Pass    |

|       |       |    |    |       |       |       |         |      |
|-------|-------|----|----|-------|-------|-------|---------|------|
| 16QAM | 829   | 25 | 49 | 23.58 | -2.50 | 18.93 | <=38.45 | Pass |
|       |       |    | 0  | 23.07 | -2.50 | 18.42 | <=38.45 | Pass |
|       |       |    | 13 | 23.03 | -2.50 | 18.38 | <=38.45 | Pass |
|       |       |    | 25 | 23.01 | -2.50 | 18.36 | <=38.45 | Pass |
|       |       | 50 | 0  | 23.08 | -2.50 | 18.43 | <=38.45 | Pass |
|       | 836.5 | 1  | 0  | 23.20 | -2.50 | 18.55 | <=38.45 | Pass |
|       |       |    | 25 | 23.14 | -2.50 | 18.49 | <=38.45 | Pass |
|       |       |    | 49 | 23.15 | -2.50 | 18.50 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.23 | -2.50 | 17.58 | <=38.45 | Pass |
|       |       |    | 13 | 22.18 | -2.50 | 17.53 | <=38.45 | Pass |
|       |       |    | 25 | 22.21 | -2.50 | 17.56 | <=38.45 | Pass |
|       |       | 50 | 0  | 22.18 | -2.50 | 17.53 | <=38.45 | Pass |
|       |       | 1  | 0  | 22.68 | -2.50 | 18.03 | <=38.45 | Pass |
|       |       |    | 25 | 22.64 | -2.50 | 17.99 | <=38.45 | Pass |
|       |       |    | 49 | 22.63 | -2.50 | 17.98 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.18 | -2.50 | 17.53 | <=38.45 | Pass |
|       |       |    | 13 | 22.21 | -2.50 | 17.56 | <=38.45 | Pass |
|       |       |    | 25 | 22.25 | -2.50 | 17.60 | <=38.45 | Pass |
|       | 844   | 50 | 0  | 22.17 | -2.50 | 17.52 | <=38.45 | Pass |
|       |       | 1  | 0  | 22.77 | -2.50 | 18.12 | <=38.45 | Pass |
|       |       |    | 25 | 22.68 | -2.50 | 18.03 | <=38.45 | Pass |
|       |       |    | 49 | 22.79 | -2.50 | 18.14 | <=38.45 | Pass |
|       |       | 25 | 0  | 22.08 | -2.50 | 17.43 | <=38.45 | Pass |
|       |       |    | 13 | 22.06 | -2.50 | 17.41 | <=38.45 | Pass |
|       |       |    | 25 | 22.00 | -2.50 | 17.35 | <=38.45 | Pass |
|       |       | 50 | 0  | 22.04 | -2.50 | 17.39 | <=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          | 1.302            | 0.0016                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -4.635           | -0.0056               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -4.692           | -0.0057               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -8.526           | -0.0103               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.300            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -8.454           | -0.0103               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -7.296           | -0.0088               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 3.119            | 0.0038                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -3.734           | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 3.648            | 0.0044                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.172           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.27          | 7.653            | 0.0091                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -5.336           | -0.0064               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.944            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 5.193            | 0.0062                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -5.465           | -0.0065               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -3.304           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 7.668            | 0.0092                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.572            | 0.0007                | -2.5 to 2.5 | Pass    |

|       |       |   |   |     |      |        |         |             |      |
|-------|-------|---|---|-----|------|--------|---------|-------------|------|
|       | 848.3 | 6 | 0 | 30  | 3.85 | -3.104 | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | 7.610  | 0.0091  | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -6.509 | -0.0078 | -2.5 to 2.5 | Pass |
|       |       |   |   | 20  | 3.27 | 2.847  | 0.0034  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | 3.204  | 0.0038  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | 1.717  | 0.0020  | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | -6.409 | -0.0076 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | 3.133  | 0.0037  | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | 2.289  | 0.0027  | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -2.718 | -0.0032 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | 0.801  | 0.0009  | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -1.702 | -0.0020 | -2.5 to 2.5 | Pass |
| 16QAM | 824.7 | 6 | 0 | 20  | 3.27 | 0.472  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | -2.861 | -0.0035 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | -3.247 | -0.0039 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | 3.233  | 0.0039  | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -5.407 | -0.0066 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | -1.788 | -0.0022 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | 3.905  | 0.0047  | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -3.076 | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | 3.877  | 0.0047  | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | 5.050  | 0.0061  | -2.5 to 2.5 | Pass |
|       | 836.5 | 6 | 0 | 50  | 3.85 | -5.393 | -0.0065 | -2.5 to 2.5 | Pass |
|       |       |   |   | 20  | 3.27 | 0.343  | 0.0004  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | 0.615  | 0.0007  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | -8.583 | -0.0103 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | -9.027 | -0.0108 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -6.008 | -0.0072 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | 1.202  | 0.0014  | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | -1.101 | -0.0013 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -4.950 | -0.0059 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 848.3 | 6 | 0 | 40  | 3.85 | -9.227 | -0.0110 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -8.268 | -0.0099 | -2.5 to 2.5 | Pass |
|       |       |   |   | 20  | 3.27 | -3.147 | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 3.85 | -2.432 | -0.0029 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 4.43 | 1.302  | 0.0015  | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 3.85 | 5.021  | 0.0059  | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 3.85 | -2.275 | -0.0027 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 3.85 | 4.120  | 0.0049  | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 3.85 | -1.688 | -0.0020 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 3.85 | -0.401 | -0.0005 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 3.85 | -6.251 | -0.0074 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 3.85 | 5.693  | 0.0067  | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 3.85 | -4.520 | -0.0053 | -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          | -1.817           | -0.0022               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 3.190            | 0.0039                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -0.501           | -0.0006               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -1.903           | -0.0023               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -0.715           | -0.0009               | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |        |         |             |      |
|-------|-------|----|---|-----|------|--------|---------|-------------|------|
|       |       |    |   | -10 | 3.85 | 3.161  | 0.0038  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -2.704 | -0.0033 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 5.765  | 0.0070  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -2.789 | -0.0034 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -2.475 | -0.0030 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -5.493 | -0.0067 | -2.5 to 2.5 | Pass |
|       | 836.5 | 15 | 0 | 20  | 3.27 | -3.619 | -0.0043 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 3.433  | 0.0041  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 0.486  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 0.401  | 0.0005  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 4.592  | 0.0055  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 6.309  | 0.0075  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 6.480  | 0.0077  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 0.615  | 0.0007  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -2.561 | -0.0031 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -0.358 | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -1.116 | -0.0013 | -2.5 to 2.5 | Pass |
|       |       |    |   | 20  | 3.27 | 4.292  | 0.0051  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 1.116  | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 1.230  | 0.0015  | -2.5 to 2.5 | Pass |
|       | 847.5 | 15 | 0 | -30 | 3.85 | -2.003 | -0.0024 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -6.809 | -0.0080 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 8.655  | 0.0102  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 1.101  | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 6.151  | 0.0073  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -3.405 | -0.0040 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 8.140  | 0.0096  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 0.801  | 0.0009  | -2.5 to 2.5 | Pass |
| 16QAM | 825.5 | 15 | 0 | 20  | 3.27 | 3.719  | 0.0045  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 3.834  | 0.0046  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -4.363 | -0.0053 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 2.990  | 0.0036  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -3.748 | -0.0045 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -3.977 | -0.0048 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 0.987  | 0.0012  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 5.293  | 0.0064  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -2.203 | -0.0027 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 2.289  | 0.0028  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -3.948 | -0.0048 | -2.5 to 2.5 | Pass |
|       | 836.5 | 15 | 0 | 20  | 3.27 | -0.958 | -0.0011 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 4.435  | 0.0053  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 0.815  | 0.0010  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 4.492  | 0.0054  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -1.559 | -0.0019 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 5.450  | 0.0065  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -2.918 | -0.0035 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -0.587 | -0.0007 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -2.403 | -0.0029 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 0.958  | 0.0011  | -2.5 to 2.5 | Pass |
|       | 847.5 | 15 | 0 | 20  | 3.27 | 5.336  | 0.0063  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -1.974 | -0.0023 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -3.676 | -0.0043 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -5.736 | -0.0068 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 0.558  | 0.0007  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 5.507  | 0.0065  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 5.751  | 0.0068  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 3.333  | 0.0039  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 7.181  | 0.0085  | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |       |        |             |      |
|--|--|--|--|----|------|-------|--------|-------------|------|
|  |  |  |  | 40 | 3.85 | 6.452 | 0.0076 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | 0.658 | 0.0008 | -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          | 3.991            | 0.0048                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -5.794           | -0.0070               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -0.486           | -0.0006               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -6.237           | -0.0075               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -3.748           | -0.0045               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | 2.475            | 0.0030                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -4.063           | -0.0049               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 0.672            | 0.0008                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | 0.830            | 0.0010                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | 5.836            | 0.0071                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -2.103           | -0.0025               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.27          | -1.745           | -0.0021               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -5.436           | -0.0065               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 1.259            | 0.0015                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -0.043           | -0.0001               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -1.416           | -0.0017               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -2.632           | -0.0031               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -2.289           | -0.0027               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 0.687            | 0.0008                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -2.933           | -0.0035               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -0.257           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | 1.087            | 0.0013                | -2.5 to 2.5 | Pass    |
|                           | 846.5           | 25            | 0      | 20         | 3.27          | -5.636           | -0.0067               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -3.161           | -0.0037               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 7.324            | 0.0087                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | 1.831            | 0.0022                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | 5.193            | 0.0061                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | 6.666            | 0.0079                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -1.945           | -0.0023               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -2.775           | -0.0033               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -4.835           | -0.0057               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | 1.445            | 0.0017                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | 0.687            | 0.0008                | -2.5 to 2.5 | Pass    |
| 16QAM                     | 826.5           | 25            | 0      | 20         | 3.27          | 3.476            | 0.0042                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -4.678           | -0.0057               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -0.901           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | 2.575            | 0.0031                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -1.216           | -0.0015               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -4.048           | -0.0049               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | 2.003            | 0.0024                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -6.466           | -0.0078               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | 4.635            | 0.0056                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -2.904           | -0.0035               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | 3.362            | 0.0041                | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.27          | -3.905           | -0.0047               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 0.730            | 0.0009                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 1.688            | 0.0020                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -1.187           | -0.0014               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -2.689           | -0.0032               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -4.048           | -0.0048               | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |        |         |             |      |
|--|-------|----|---|-----|------|--------|---------|-------------|------|
|  |       |    |   | 0   | 3.85 | -5.393 | -0.0064 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -3.934 | -0.0047 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | 0.515  | 0.0006  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | 4.420  | 0.0053  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 2.117  | 0.0025  | -2.5 to 2.5 | Pass |
|  | 846.5 | 25 | 0 | 20  | 3.27 | 2.503  | 0.0030  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -6.037 | -0.0071 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | 1.087  | 0.0013  | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | 3.562  | 0.0042  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -2.275 | -0.0027 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | 1.030  | 0.0012  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -4.792 | -0.0057 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | 1.030  | 0.0012  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -2.360 | -0.0028 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | 0.615  | 0.0007  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 0.358  | 0.0004  | -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          | -2.475           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 1.931            | 0.0023                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 1.917            | 0.0023                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 2.017            | 0.0024                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -4.077           | -0.0049               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -2.003           | -0.0024               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.815            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -0.429           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -1.059           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -0.472           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            | 836.5           | 50            | 0      | 50         | 3.85          | 1.817            | 0.0022                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 20         | 3.27          | 0.730            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.731           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -3.948           | -0.0047               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -4.849           | -0.0058               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 3.190            | 0.0038                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -2.503           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 1.416            | 0.0017                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.616           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 4.663            | 0.0056                | -2.5 to 2.5 | Pass    |
|                            | 844             | 50            | 0      | 40         | 3.85          | 0.086            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 20         | 3.27          | 3.190            | 0.0038                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.802           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -0.887           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -2.189           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.386            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 2.704            | 0.0032                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -3.777           | -0.0045               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 0.072            | 0.0001                | -2.5 to 2.5 | Pass    |
| 16QAM                      | 829             | 50            | 0      | 20         | 3.27          | -2.189           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.329            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -0.858           | -0.0010               | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |        |         |             |      |
|--|-------|----|---|-----|------|--------|---------|-------------|------|
|  |       |    |   | -30 | 3.85 | 1.502  | 0.0018  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | 1.702  | 0.0021  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -3.076 | -0.0037 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | 1.431  | 0.0017  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | 0.873  | 0.0011  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -3.662 | -0.0044 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -3.691 | -0.0045 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 2.561  | 0.0031  | -2.5 to 2.5 | Pass |
|  | 836.5 | 50 | 0 | 20  | 3.27 | -5.951 | -0.0071 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -0.730 | -0.0009 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | 0.930  | 0.0011  | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -0.415 | -0.0005 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -0.172 | -0.0002 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | 0.415  | 0.0005  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | 1.001  | 0.0012  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | 0.229  | 0.0003  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -1.459 | -0.0017 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | 0.057  | 0.0001  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -3.691 | -0.0044 | -2.5 to 2.5 | Pass |
|  | 844   | 50 | 0 | 20  | 3.27 | -1.044 | -0.0012 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -2.918 | -0.0035 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | -1.473 | -0.0017 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | -3.290 | -0.0039 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -0.944 | -0.0011 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -1.402 | -0.0017 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | -0.844 | -0.0010 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | -0.215 | -0.0003 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | -2.689 | -0.0032 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | -0.815 | -0.0010 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | -0.672 | -0.0008 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

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

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

##### 3.1.2 B5\_3MHz

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

##### 3.1.3 B5\_5MHz

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

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| 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    |

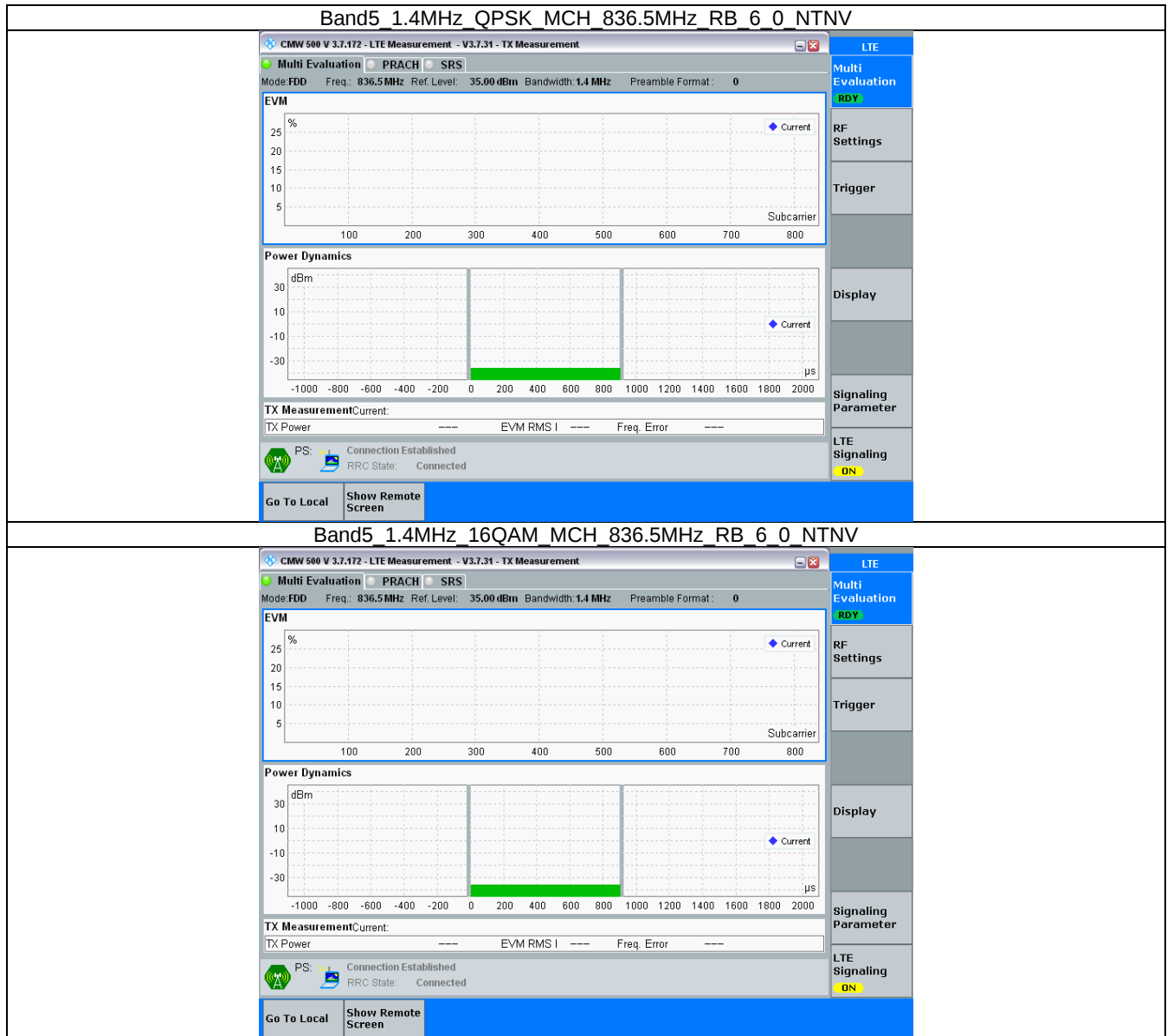
### 3.1.4 B5\_10MHz

| 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    |

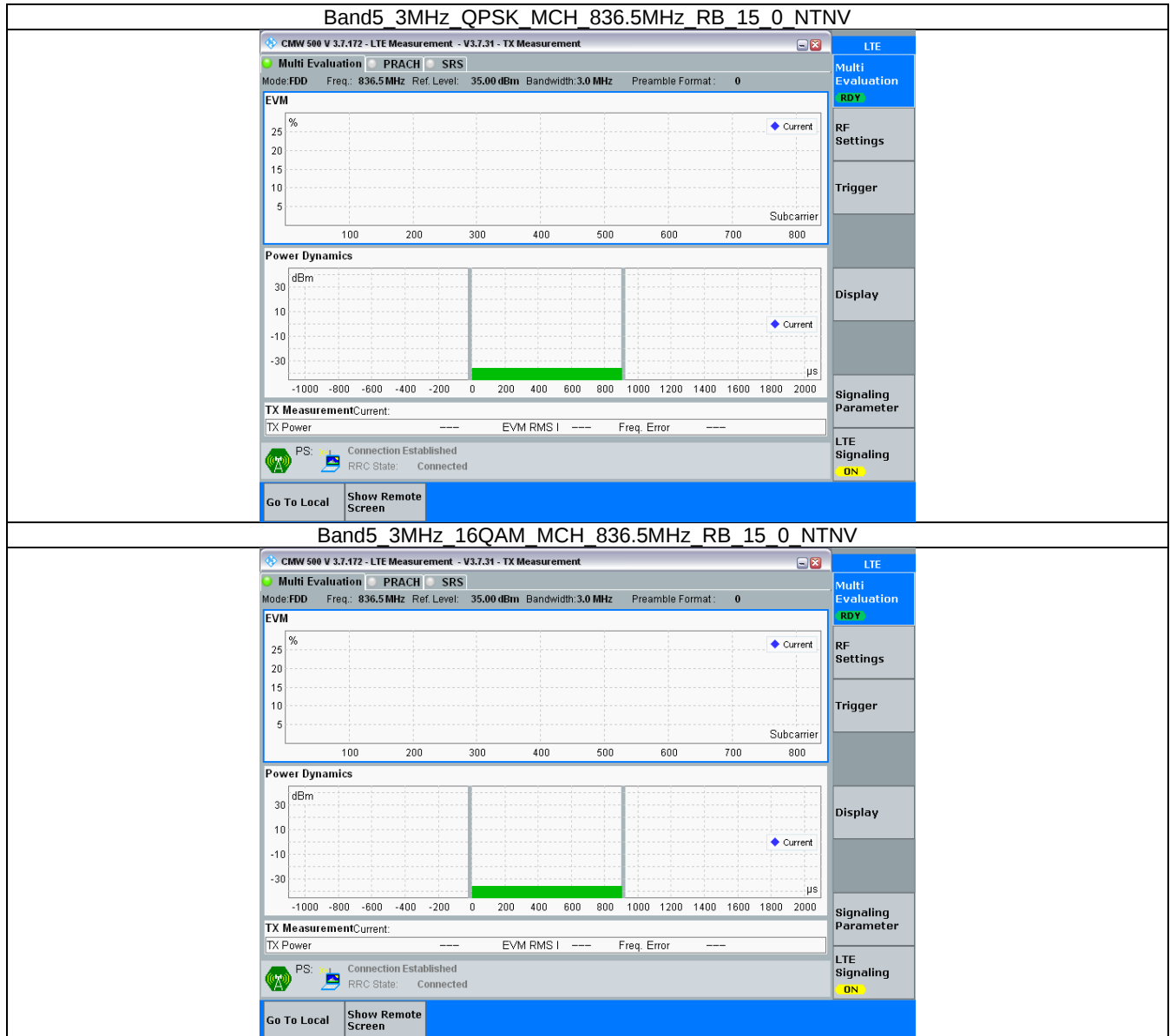
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## 3.2 Test Graph

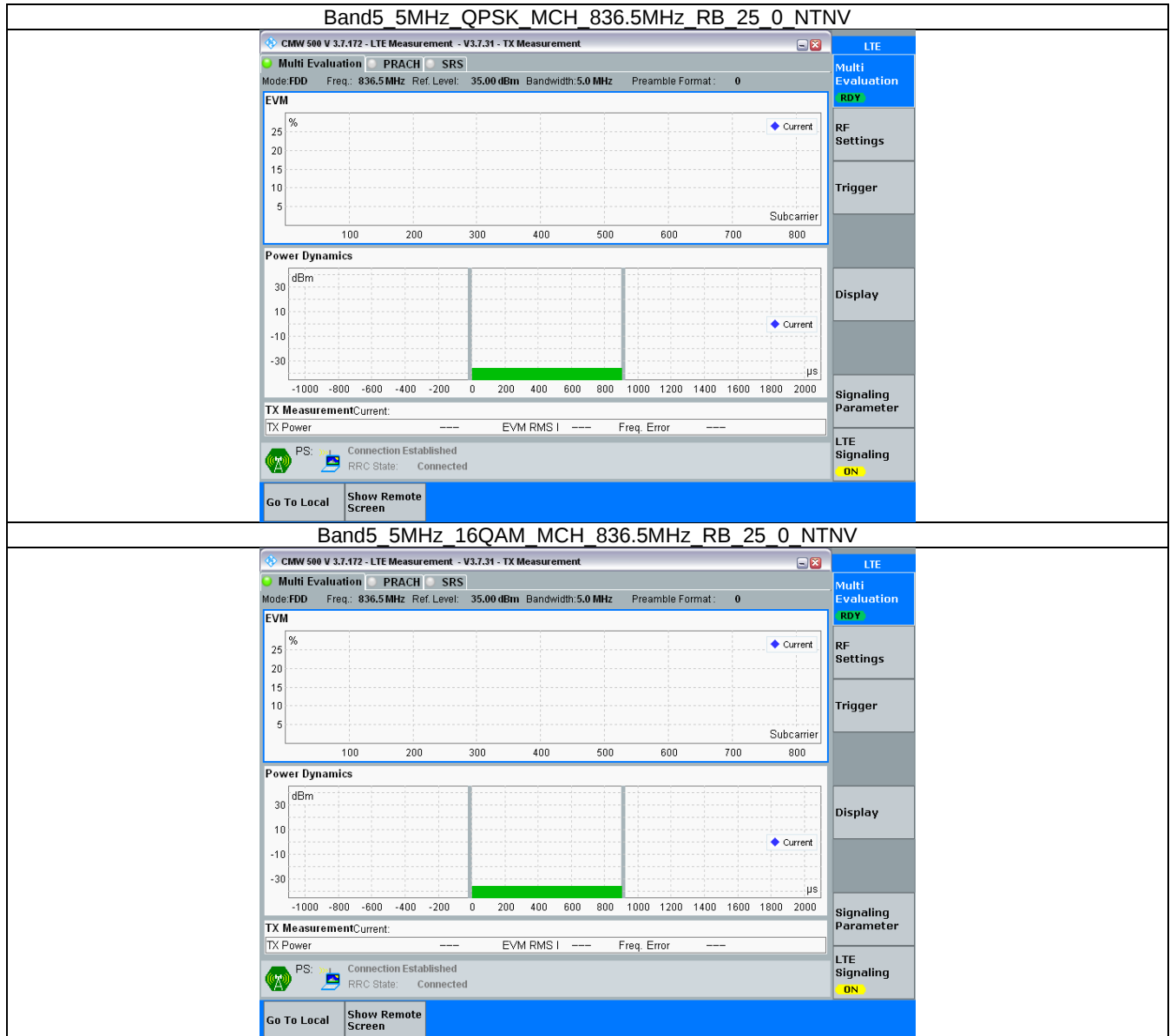
### 3.2.1 B5\_1.4MHz



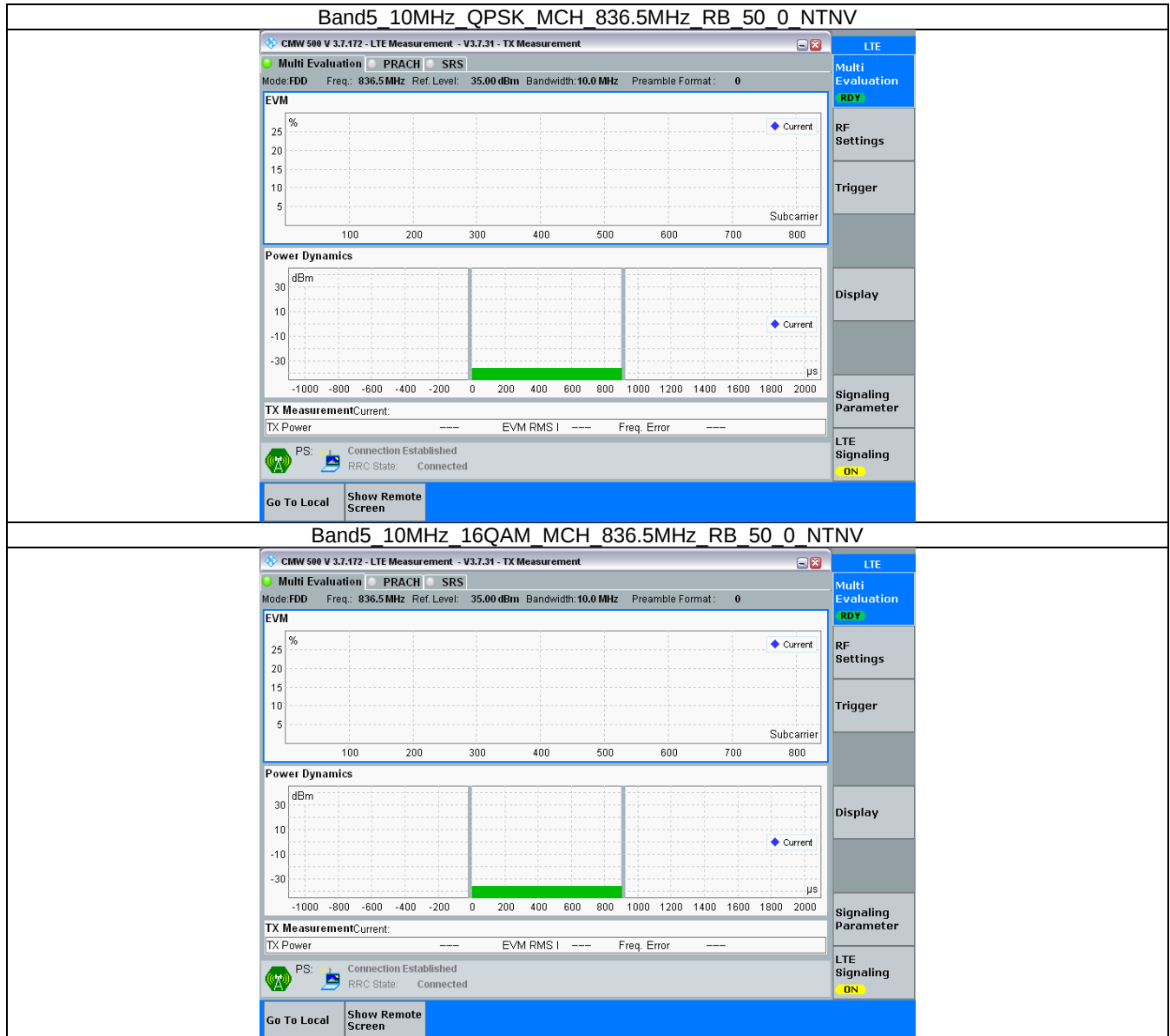
### 3.2.2 B5\_3MHz



### 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 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.116                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.113                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.104                        | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.126                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.114                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.101                        | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.741                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.727                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.734                        | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.732                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.728                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.715                        | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.543                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.543                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.546                        | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.547                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.565                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.536                        | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.041                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.046                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.030                        | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.053                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.047                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.048                        | /     | Pass    |

#### 4.1.2 Band5\_XDB

| Band: 5 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.316                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.322                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.334                | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.341                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.342                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.324                | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.024                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.009                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.012                | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.020                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.989                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.002                | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.051                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.046                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.043                | /     | Pass    |



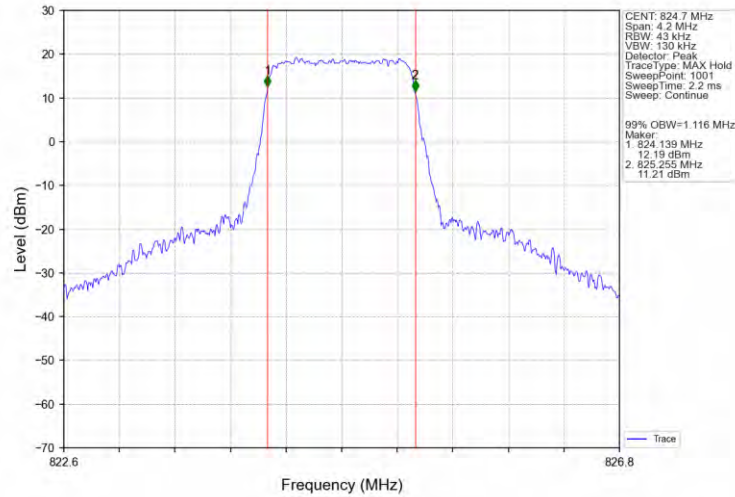
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|    |       |       |    |   |       |   |      |
|----|-------|-------|----|---|-------|---|------|
|    | 16QAM | 826.5 | 25 | 0 | 5.041 | / | Pass |
|    |       | 836.5 | 25 | 0 | 5.026 | / | Pass |
|    |       | 846.5 | 25 | 0 | 5.022 | / | Pass |
| 10 | QPSK  | 829   | 50 | 0 | 9.980 | / | Pass |
|    |       | 836.5 | 50 | 0 | 9.914 | / | Pass |
|    |       | 844   | 50 | 0 | 9.850 | / | Pass |
|    | 16QAM | 829   | 50 | 0 | 9.938 | / | Pass |
|    |       | 836.5 | 50 | 0 | 9.940 | / | Pass |
|    |       | 844   | 50 | 0 | 9.994 | / | Pass |

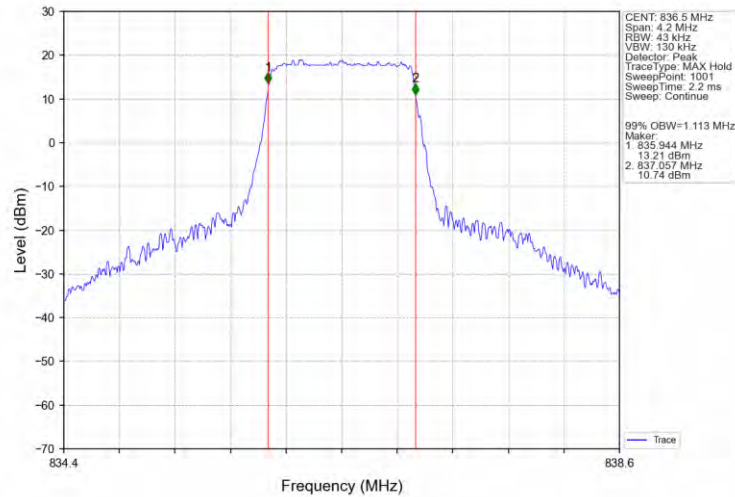
## 4.2 Test Graph

### 4.2.1 Band5\_OBW

Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

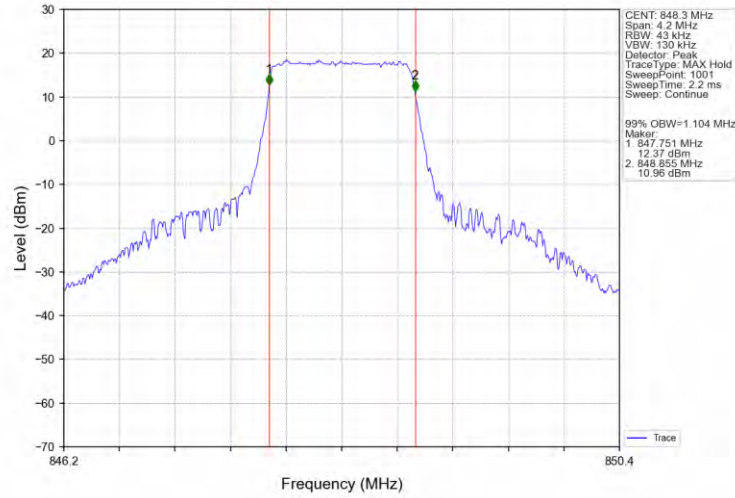


Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

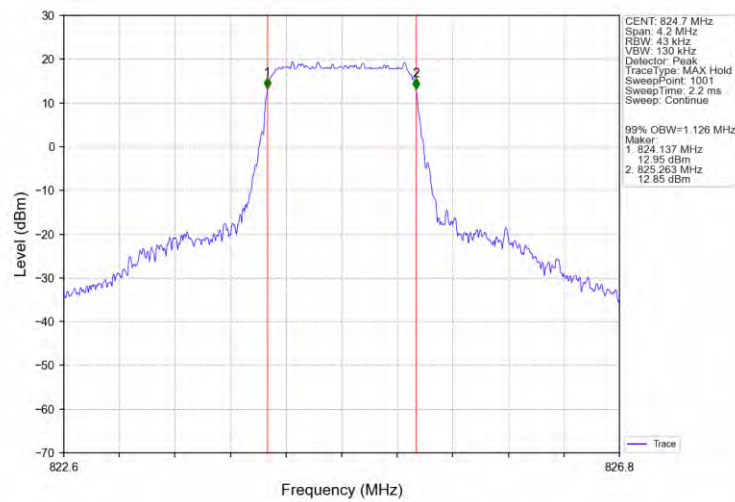


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Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV

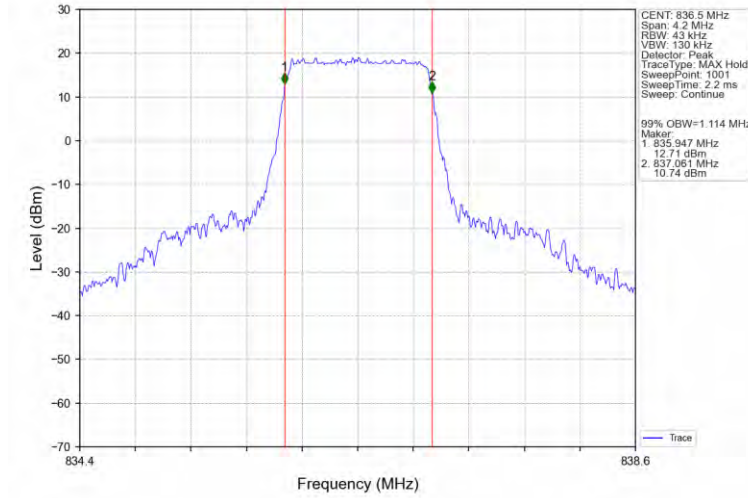


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV

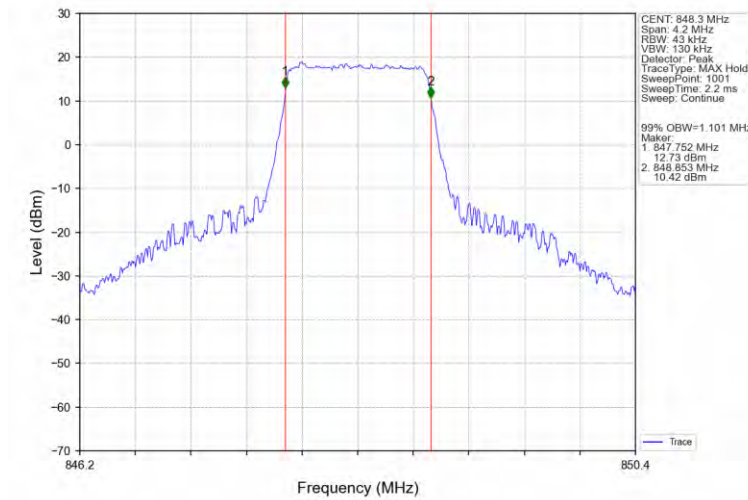


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Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

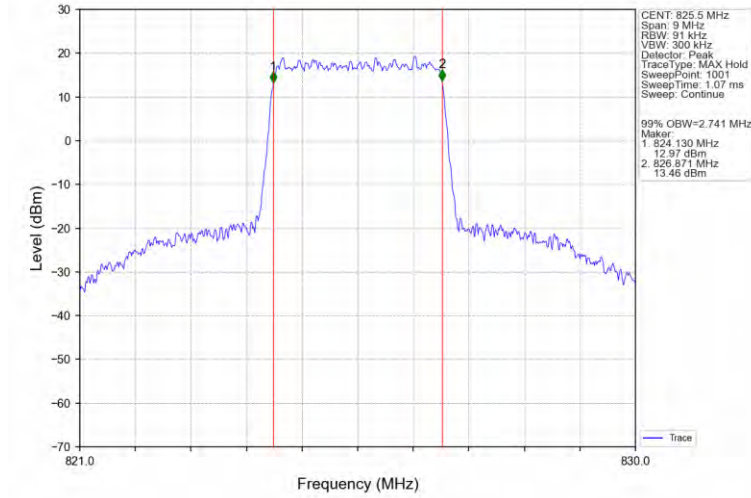


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

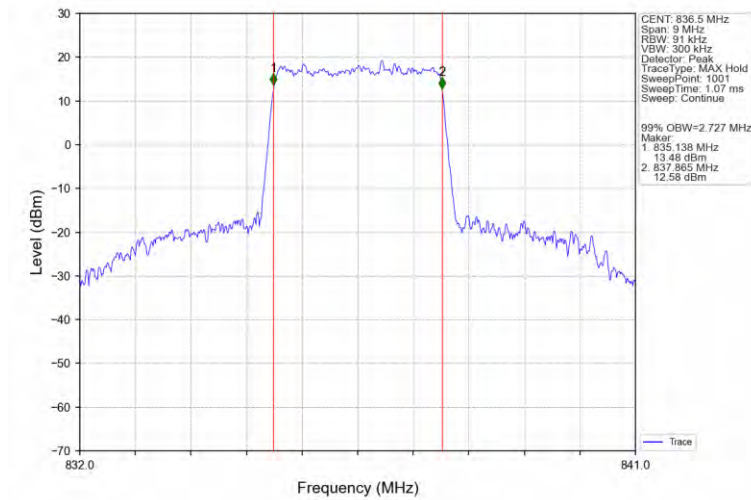


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## Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

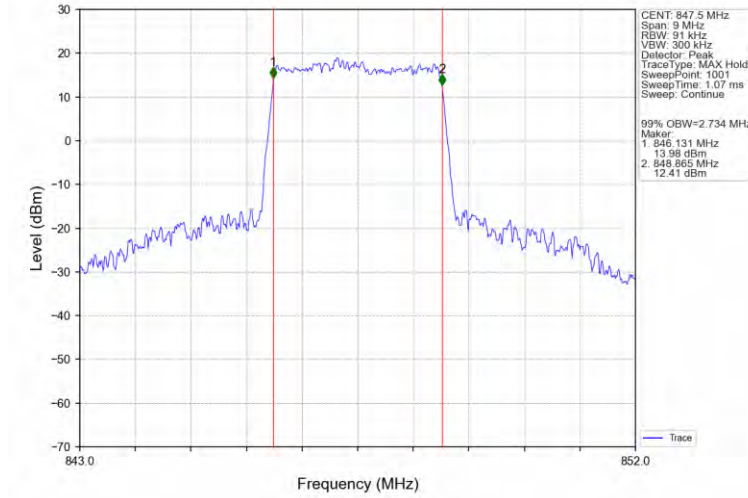


## Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

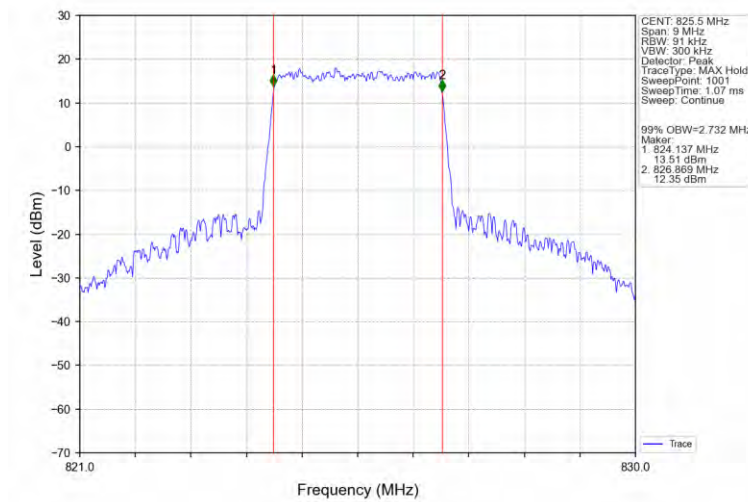


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Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

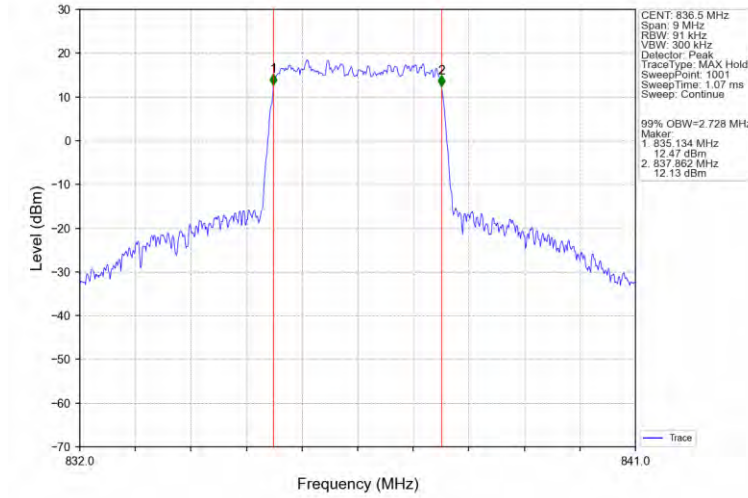


Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

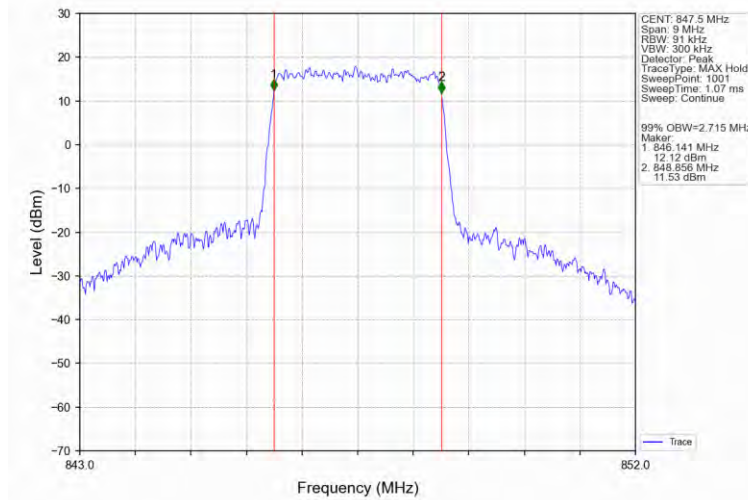


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Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

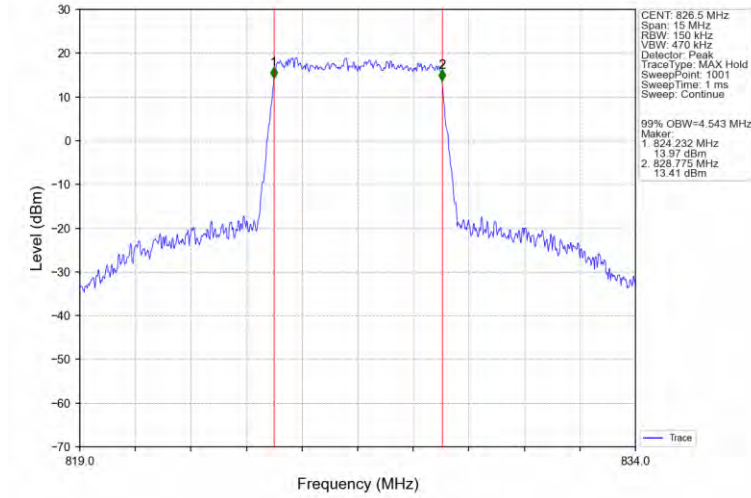


Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

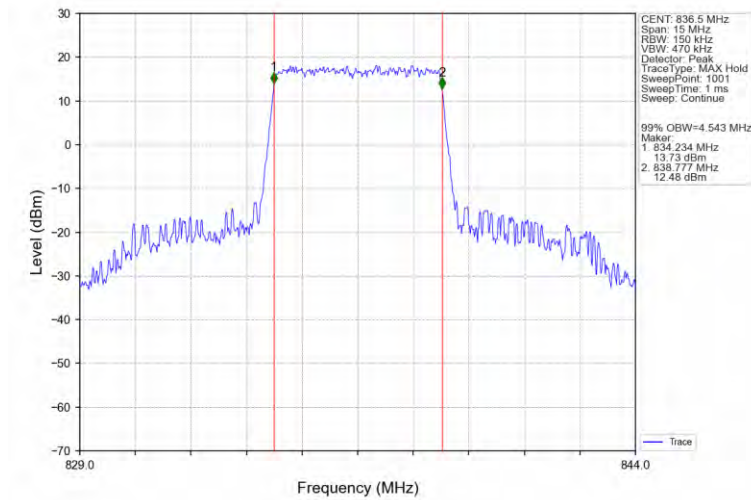


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Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

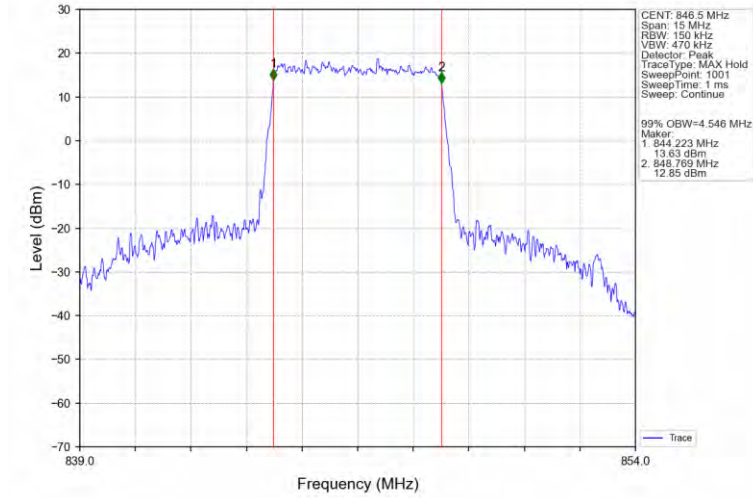


Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

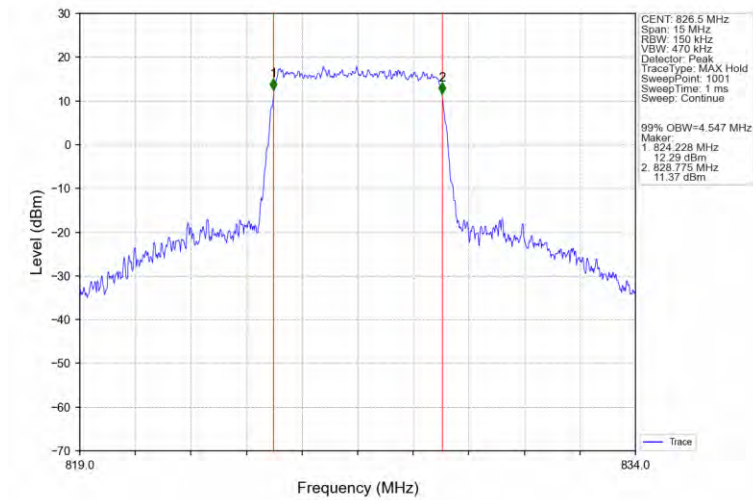


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### Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

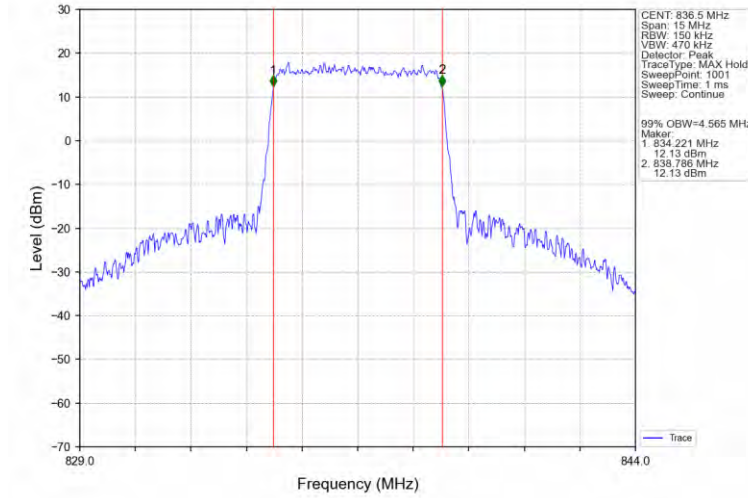


### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

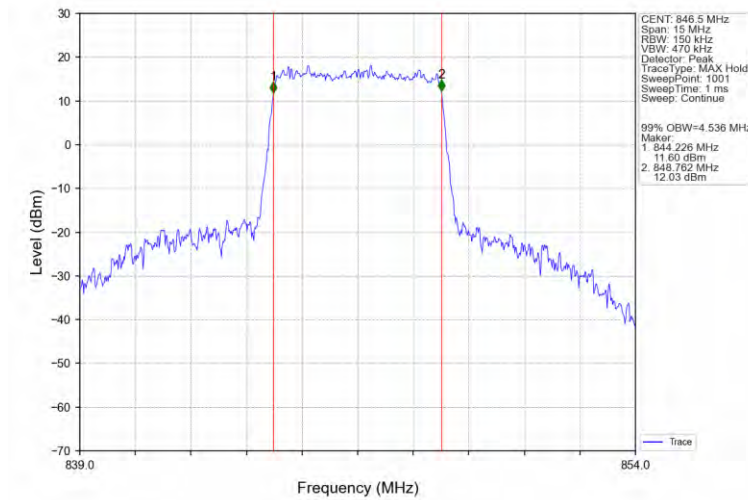


240930017FW6

Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

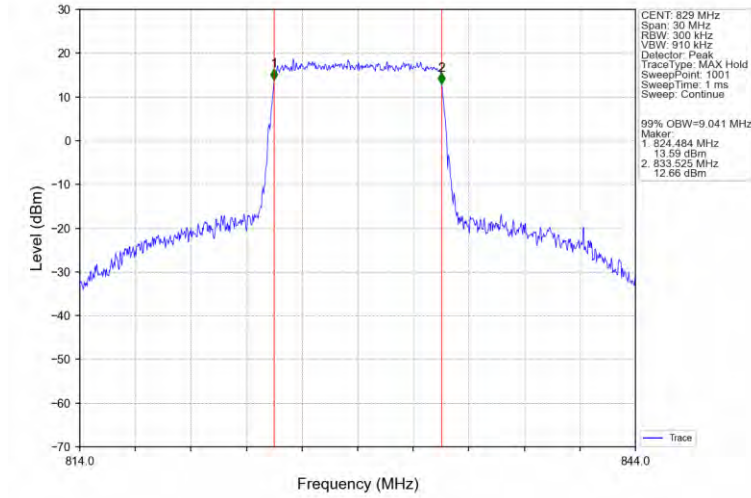


Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

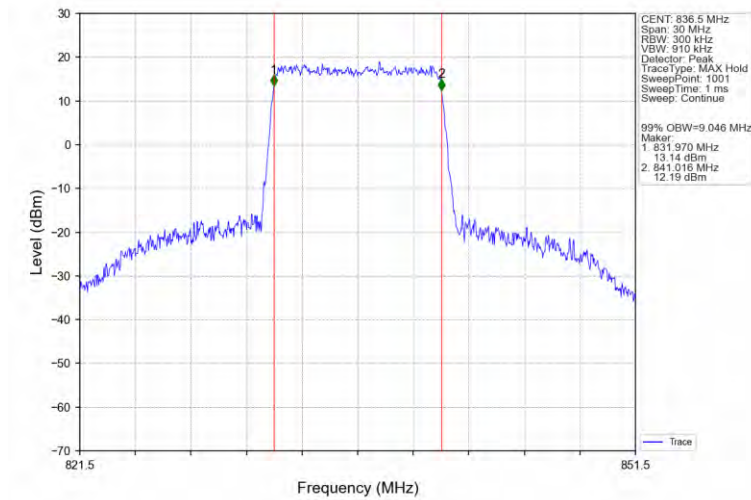


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Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

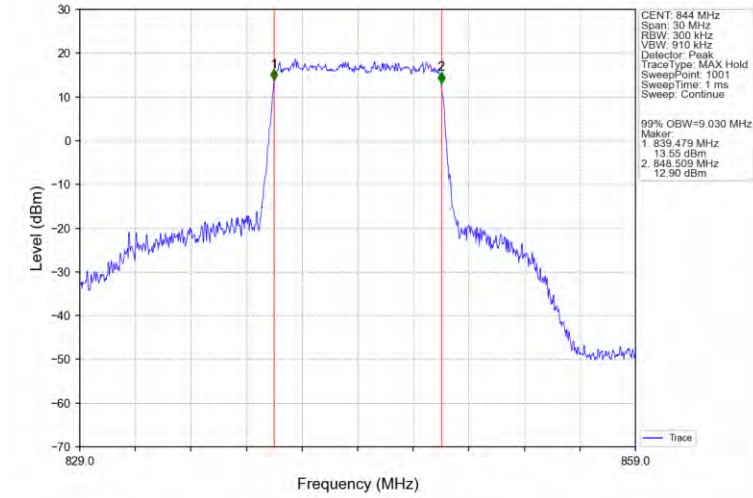


Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

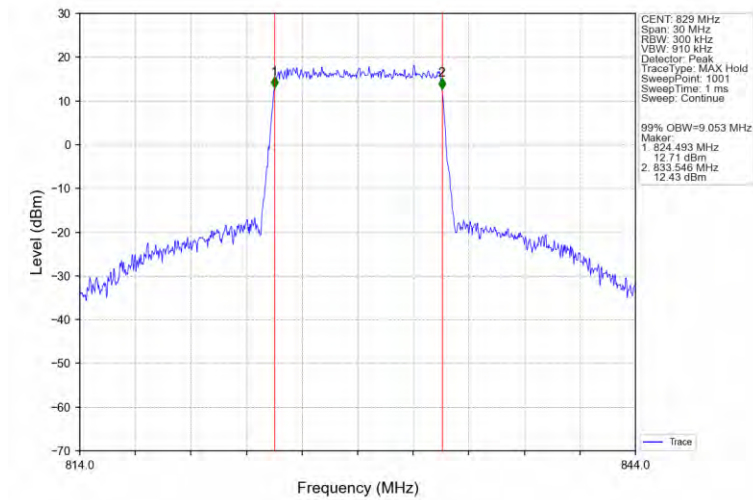


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Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

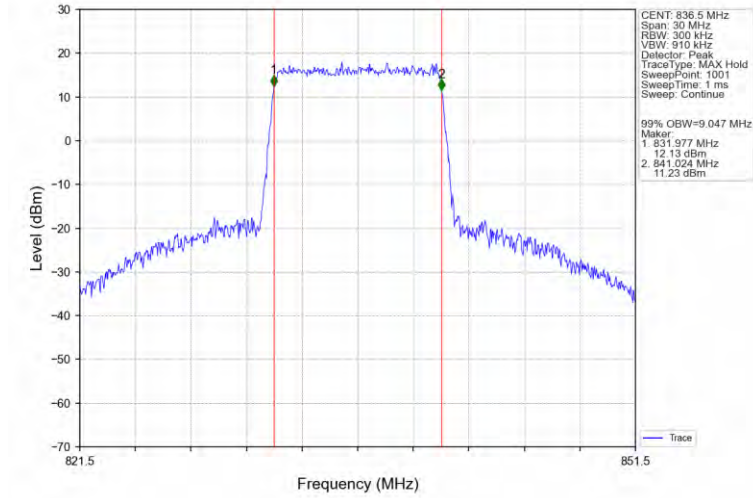


Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

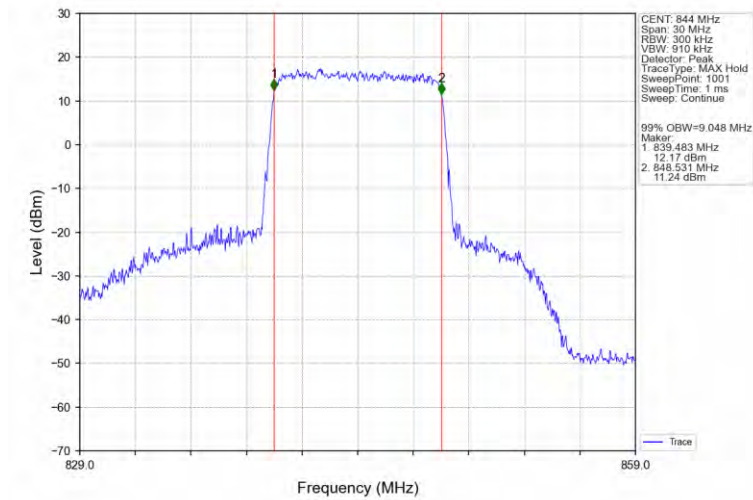


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Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

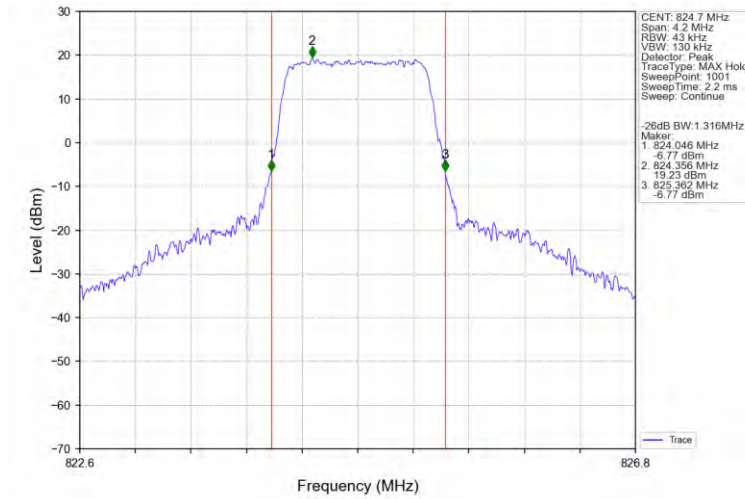


Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

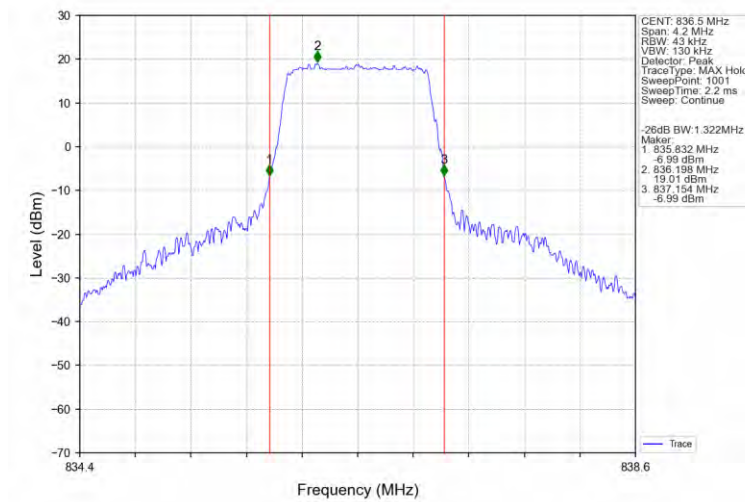


## 4.2.2 Band5\_XDB

Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

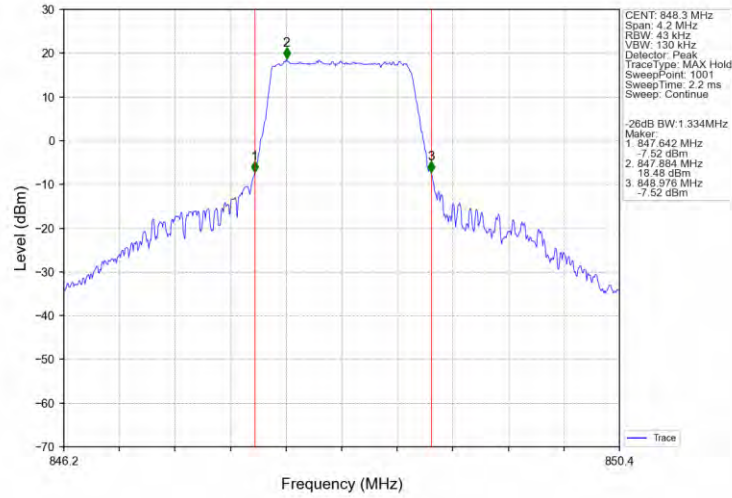


Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

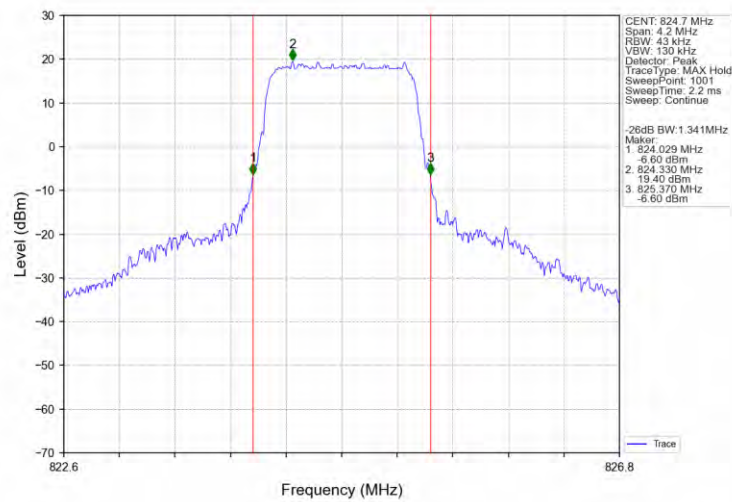


240930017FW6

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV

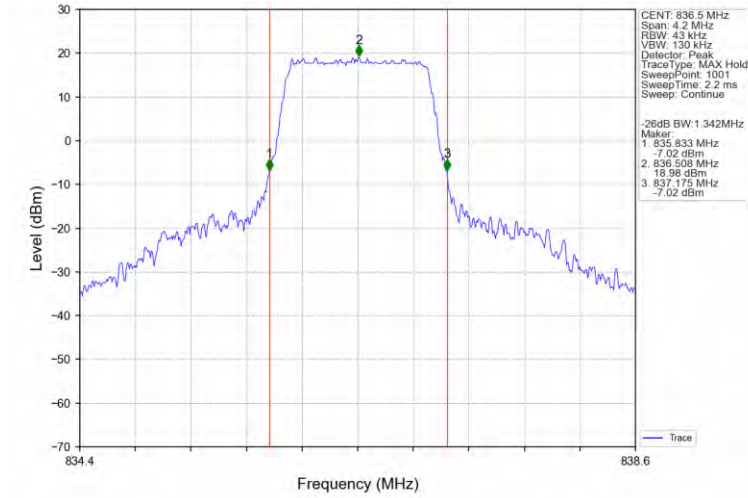


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV

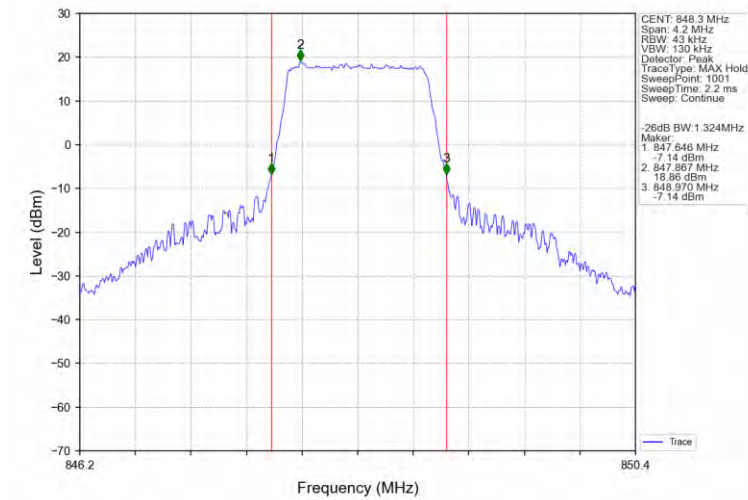


240930017FW6

Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

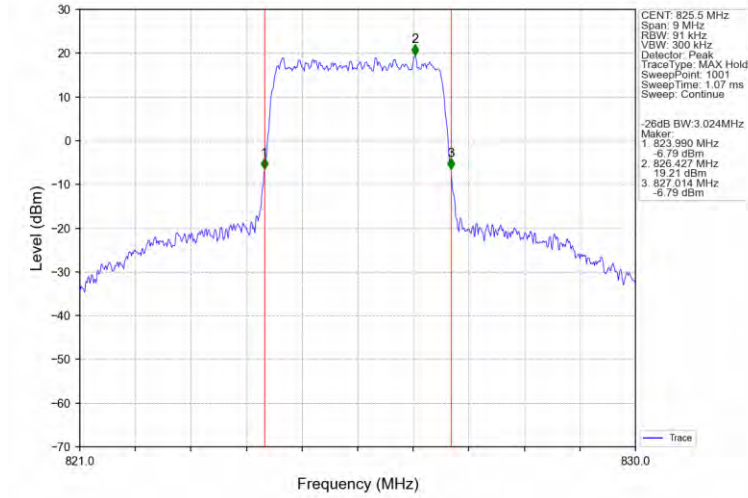


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

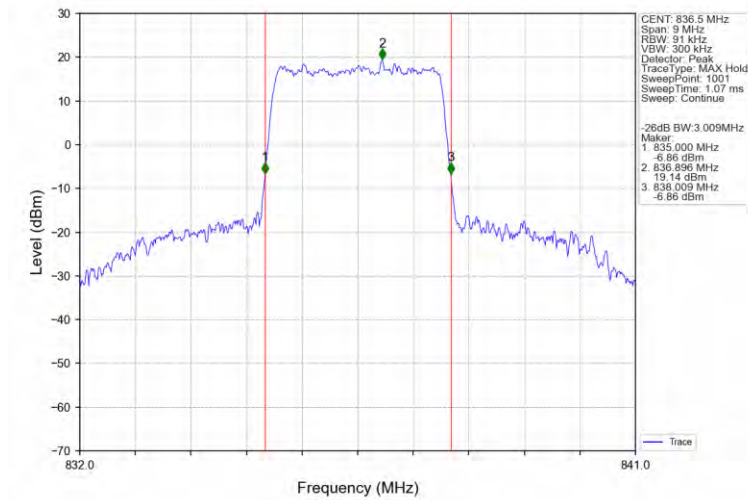


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### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

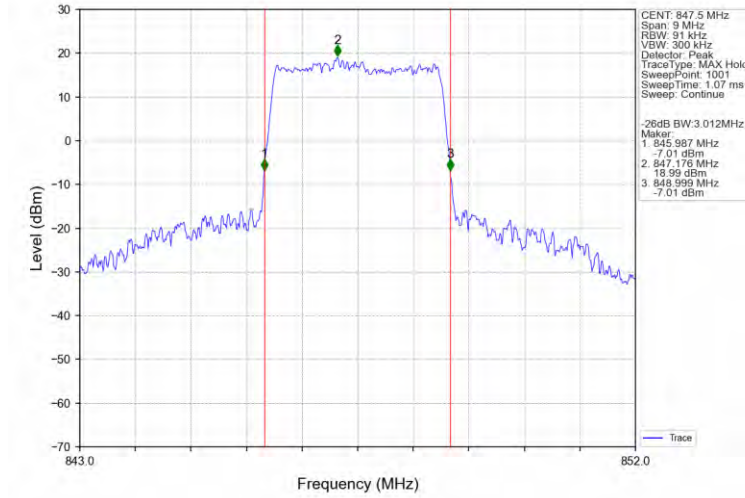


### Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

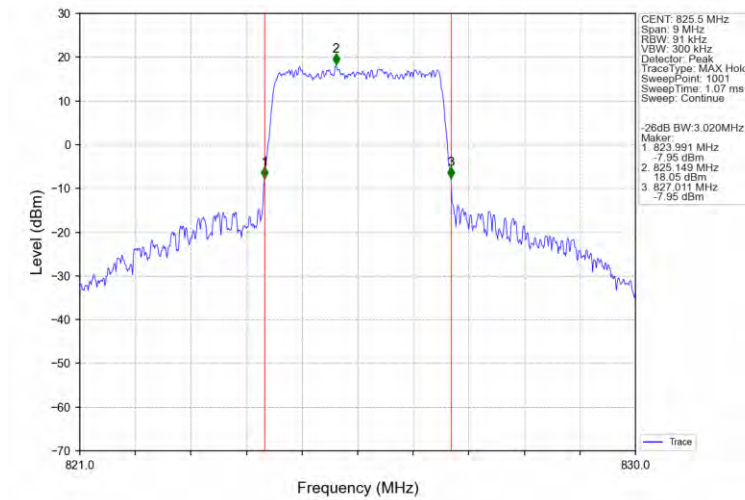


240930017FW6

Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

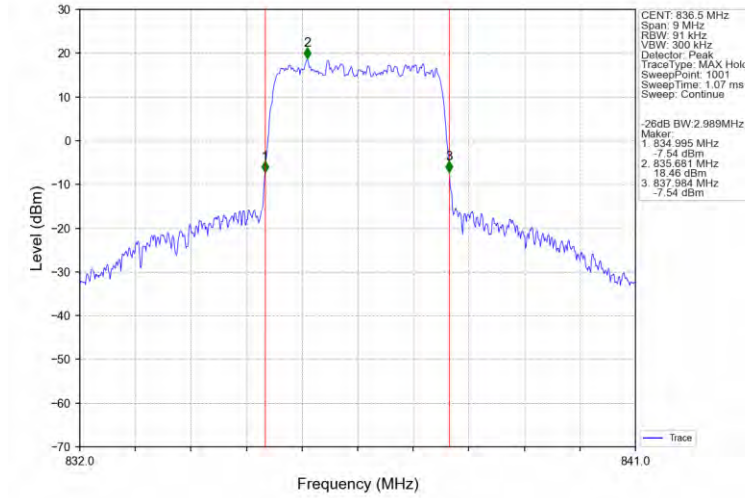


Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

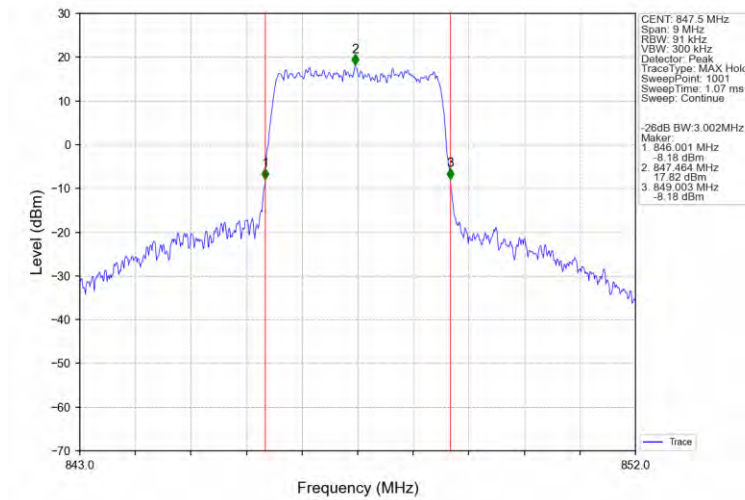


240930017FW6

Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

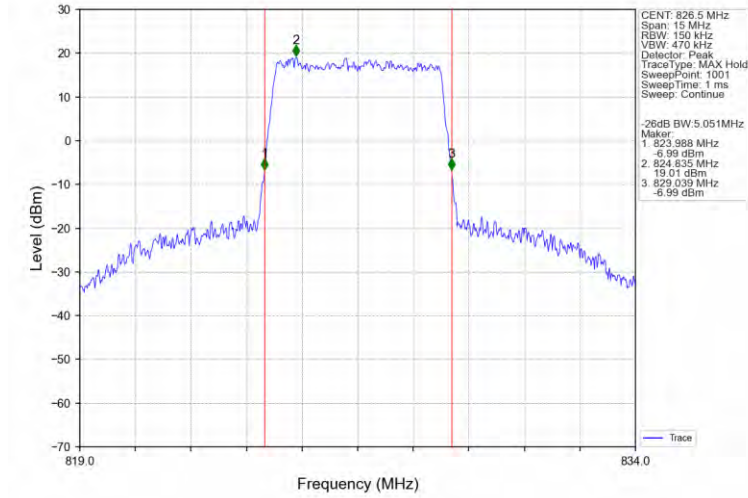


Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

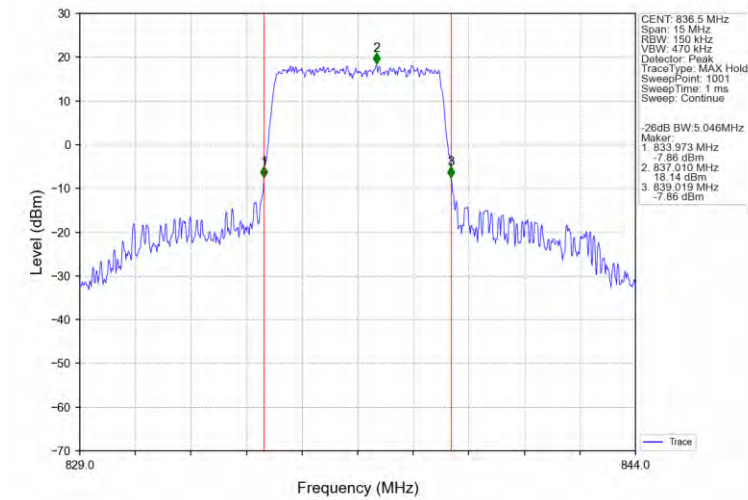


240930017FW6

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

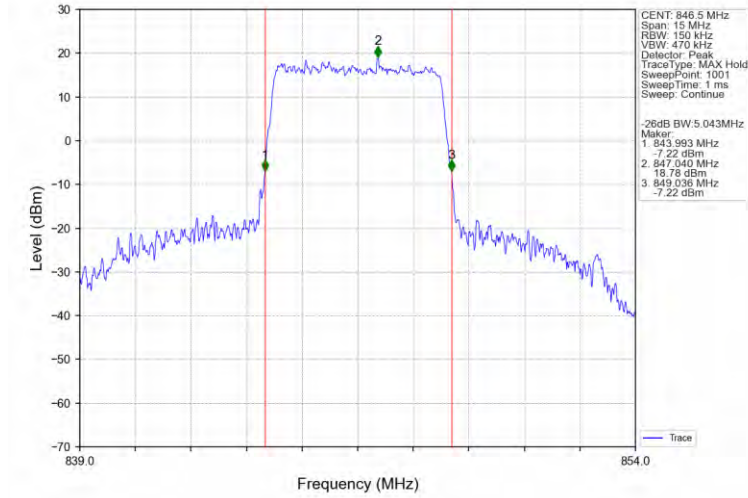


Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

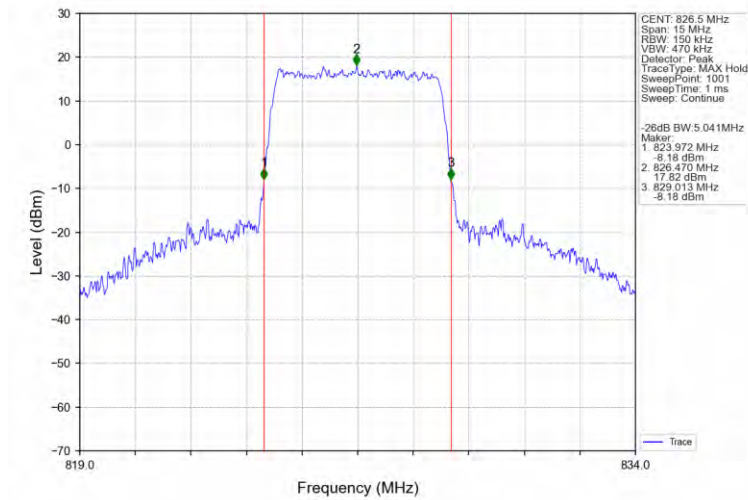


240930017FW6

Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

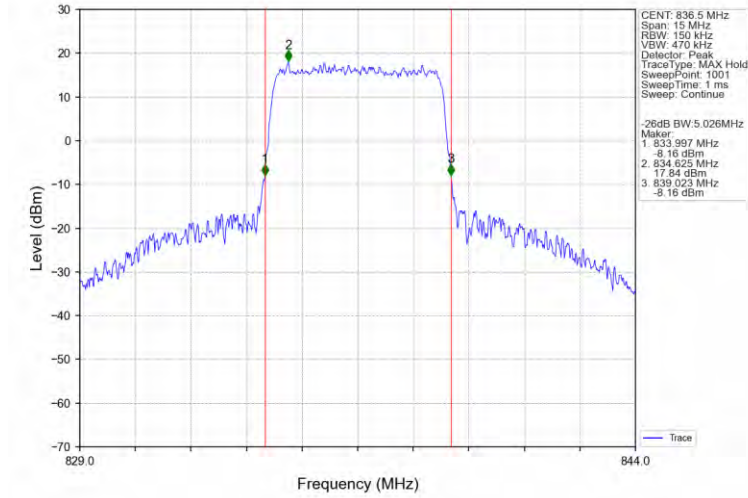


Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

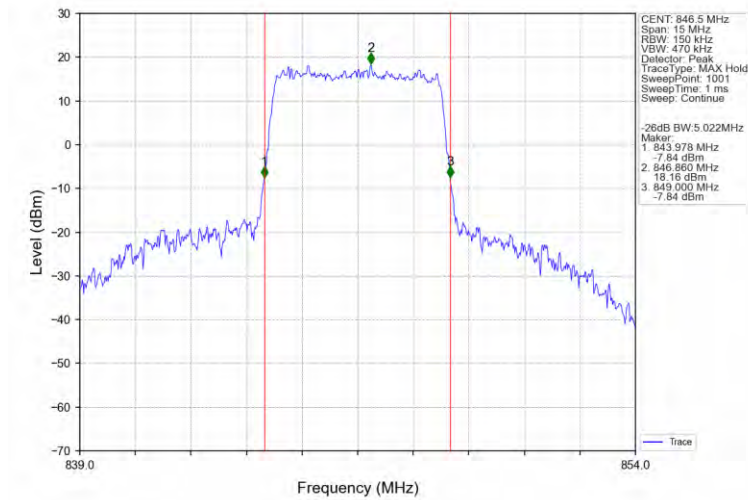


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Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

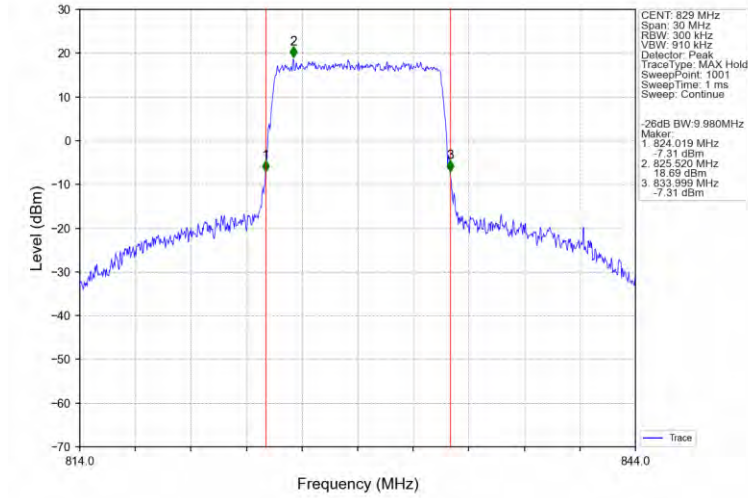


Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

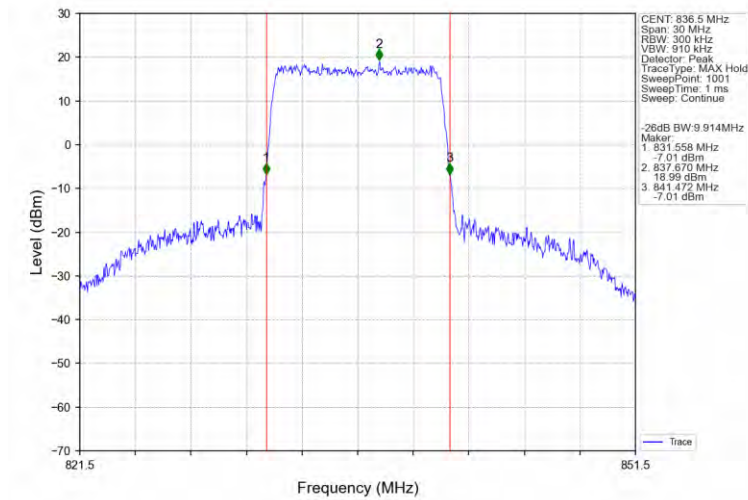


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Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

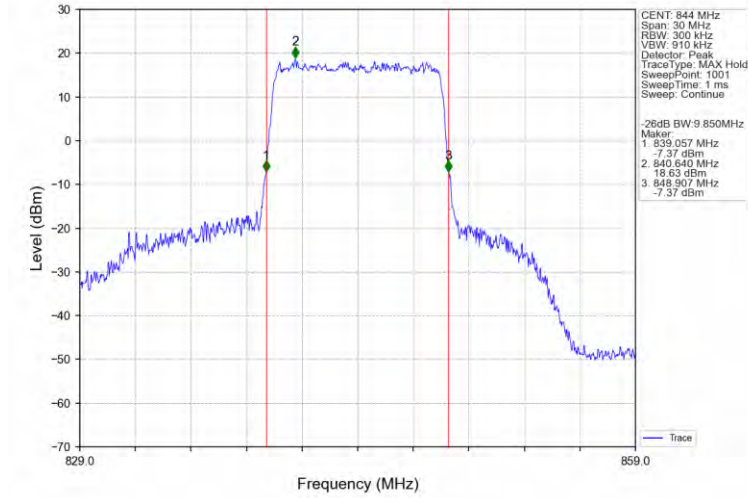


Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

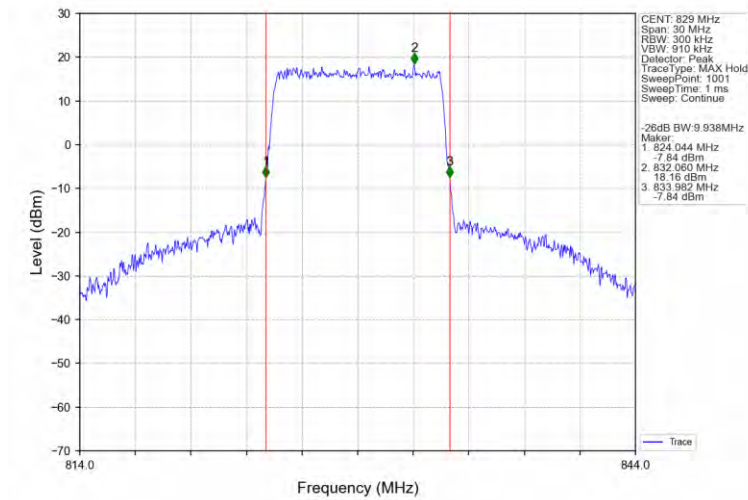


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### Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

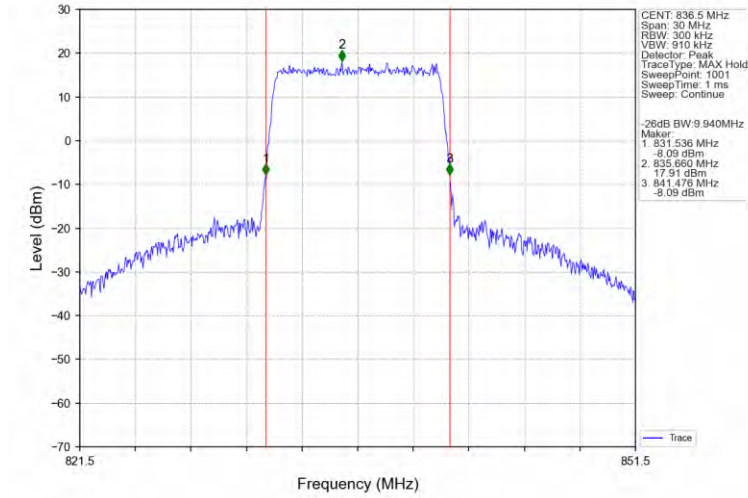


### Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

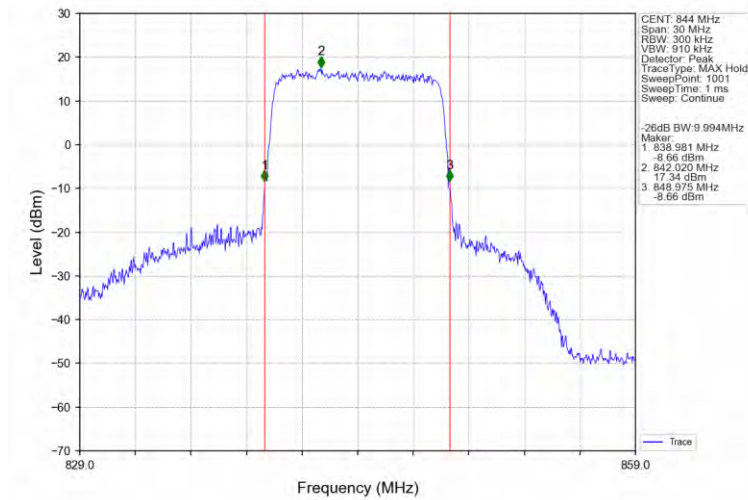


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Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



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      | 4.93                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 4.91                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 4.83                    | <=13  | Pass    |
| 16QAM                              | 824.7           | 6             | 0      | 4.91                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 4.91                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 4.82                    | <=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      | 5.12                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 5.08                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 5.07                    | <=13  | Pass    |
| 16QAM                            | 825.5           | 15            | 0      | 5.94                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 5.90                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 5.91                    | <=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      | 5.29                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 5.31                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 5.31                    | <=13  | Pass    |
| 16QAM                            | 826.5           | 25            | 0      | 6.00                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 6.00                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 6.04                    | <=13  | Pass    |

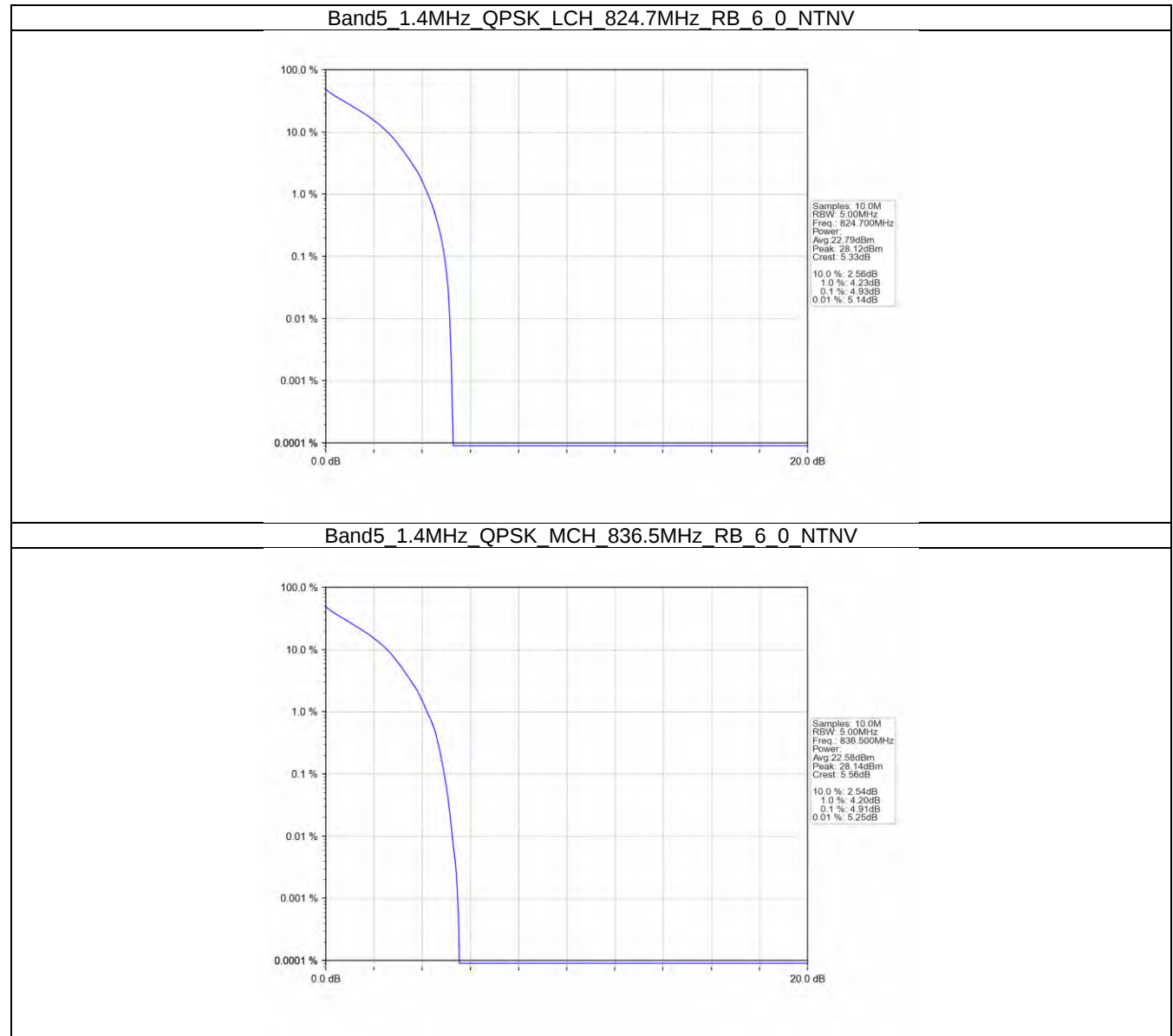
#### 5.1.4 B5\_10MHz

| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 829             | 50            | 0      | 5.23                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 5.25                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 5.29                    | <=13  | Pass    |
| 16QAM                             | 829             | 50            | 0      | 5.97                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 6.03                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 6.07                    | <=13  | Pass    |



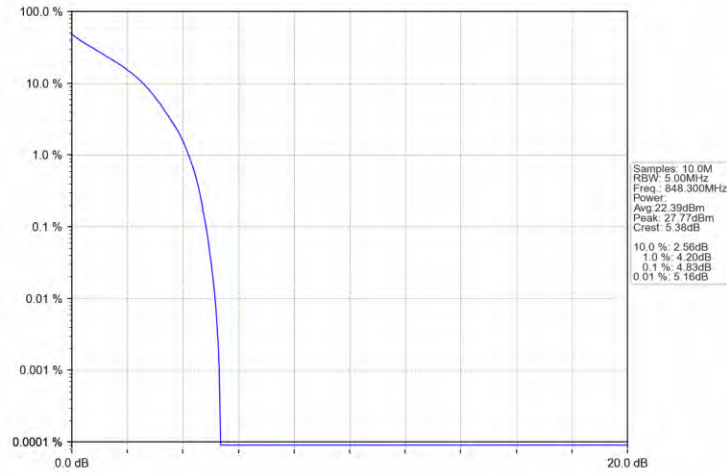
## 5.2 Test Graph

### 5.2.1 B5\_1.4MHz

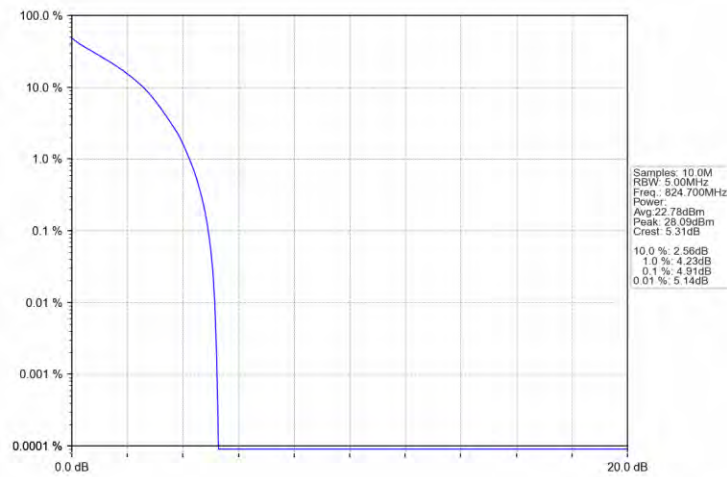


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Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN

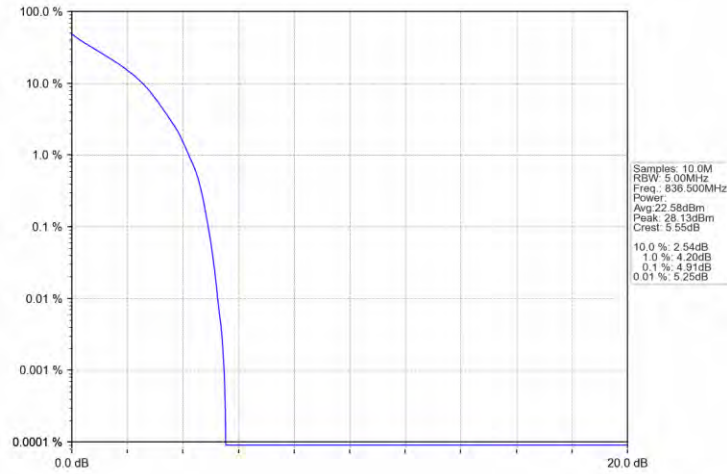


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN

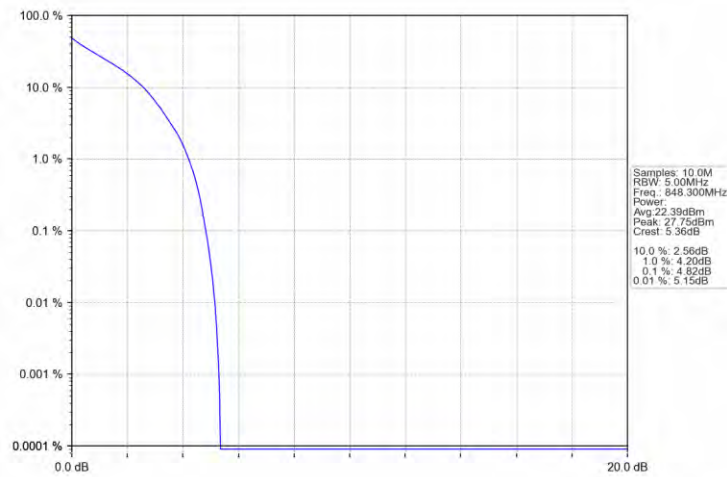


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Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

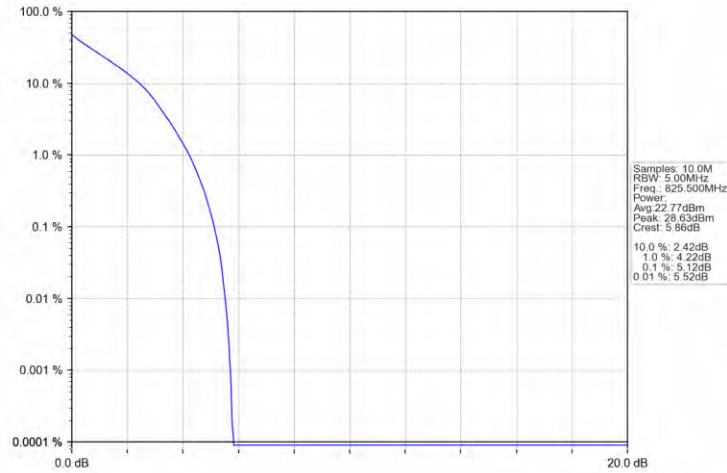


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

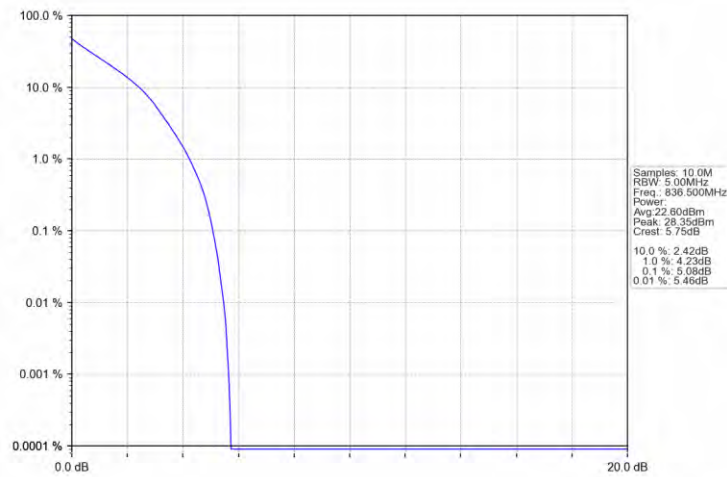


## 5.2.2 B5\_3MHz

Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

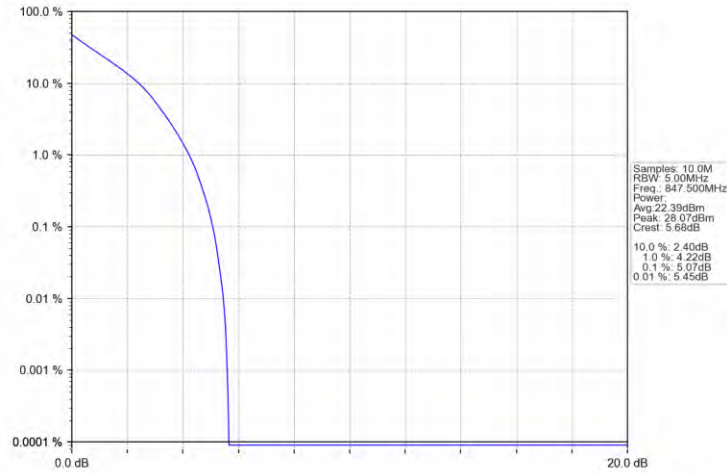


Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

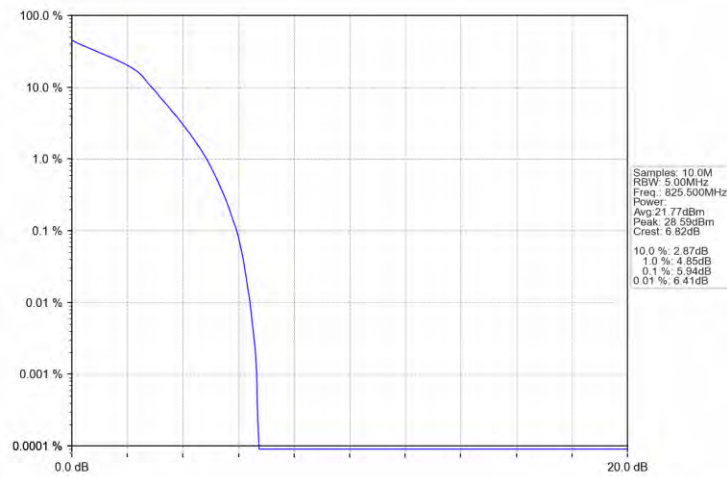


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Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

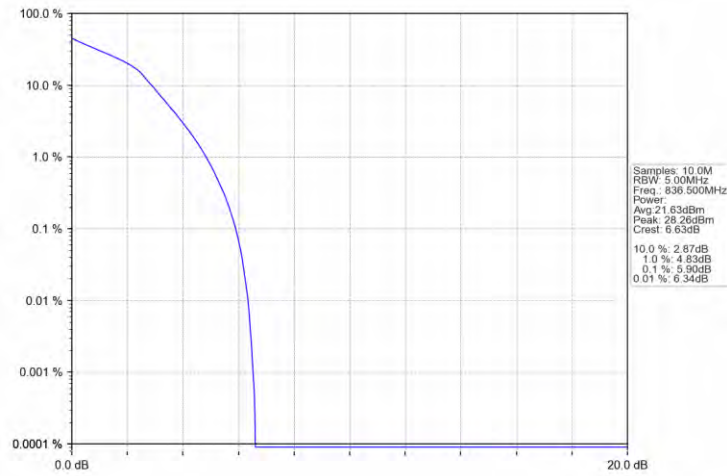


Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

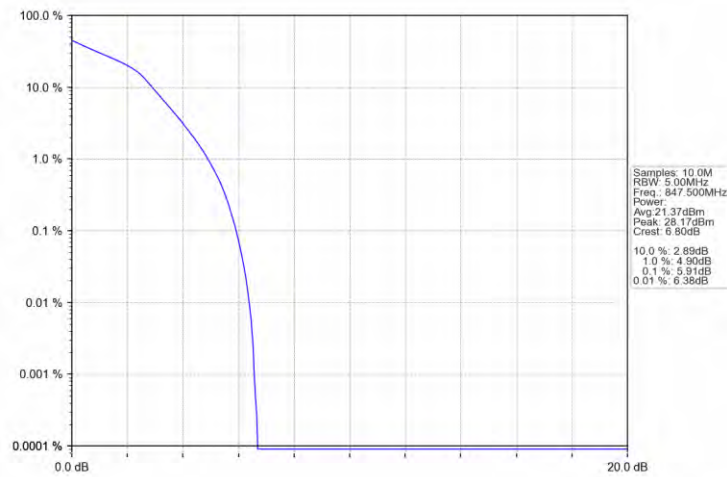


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Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

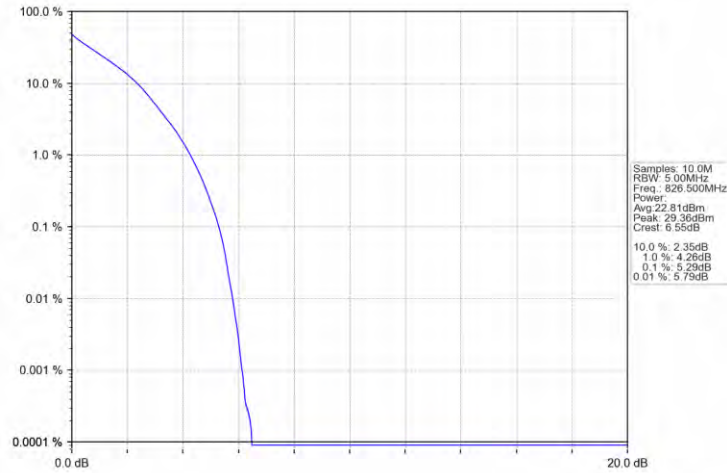


Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

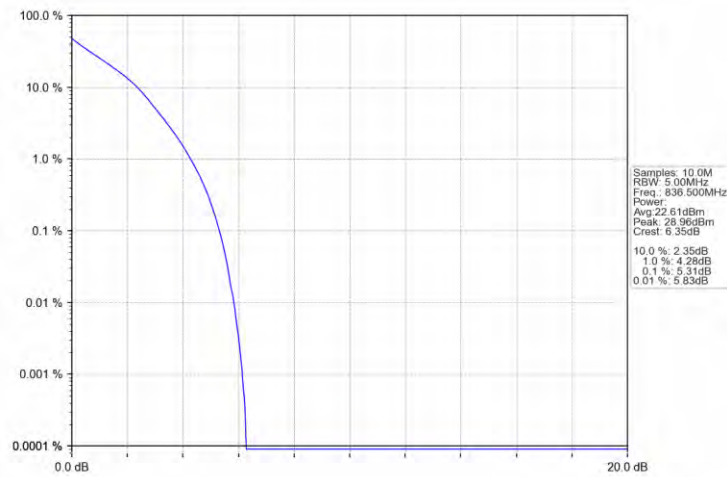


### 5.2.3 B5\_5MHz

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

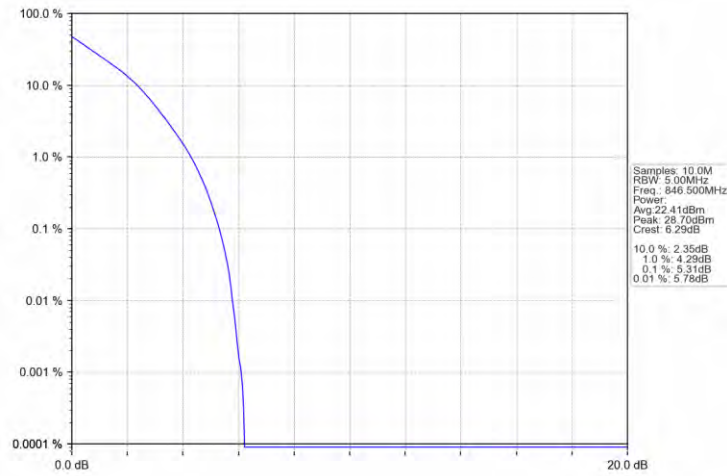


Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

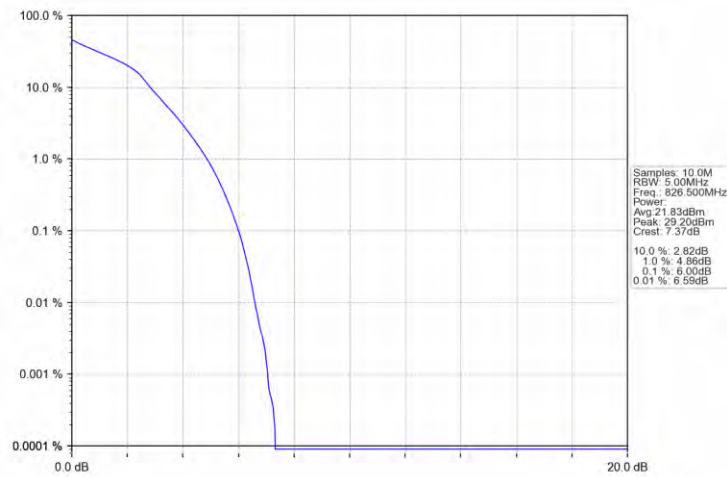


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Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

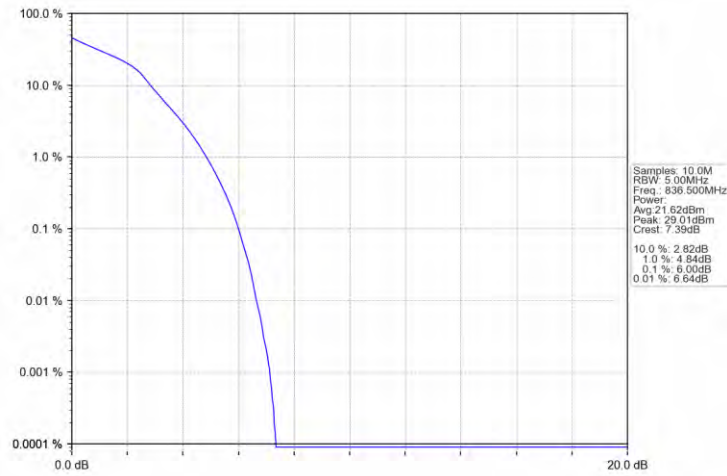


Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

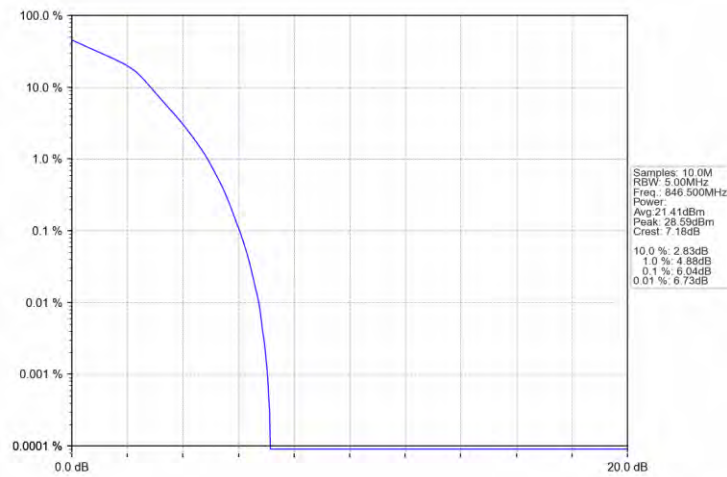


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Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

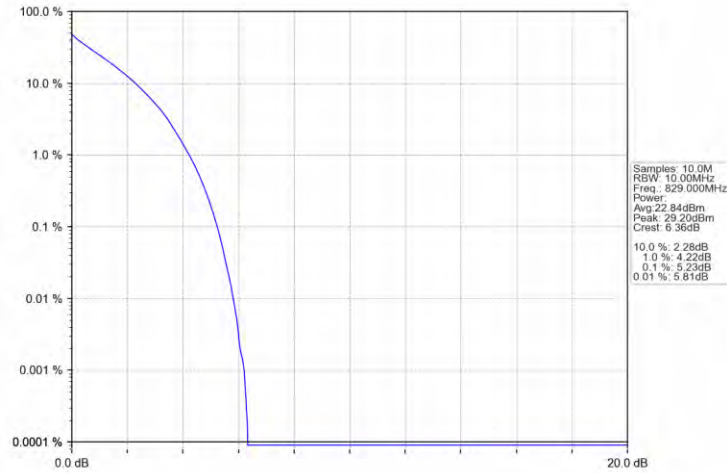


Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

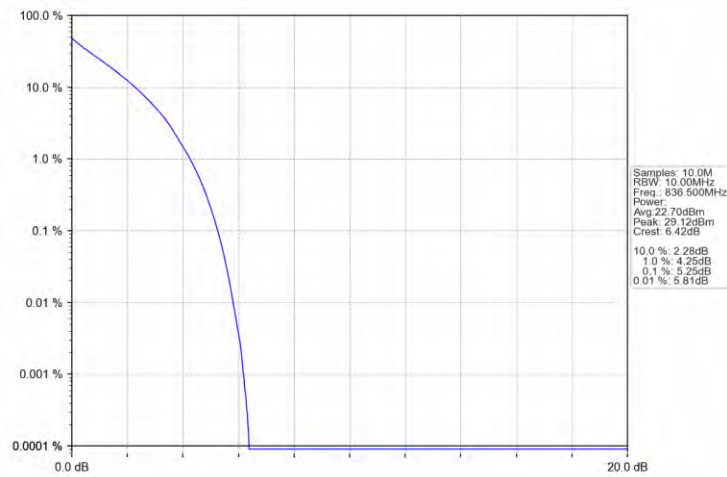


## 5.2.4 B5\_10MHz

Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

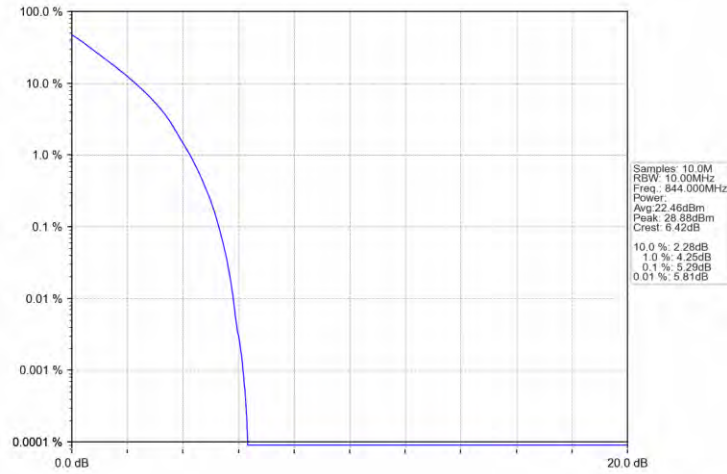


Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

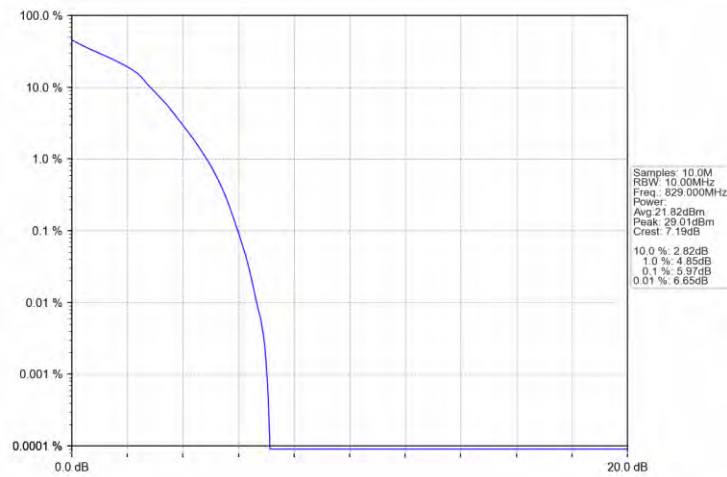


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Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

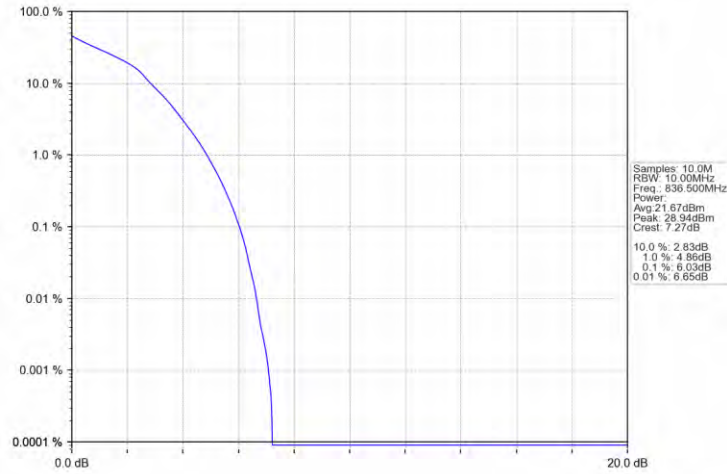


Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

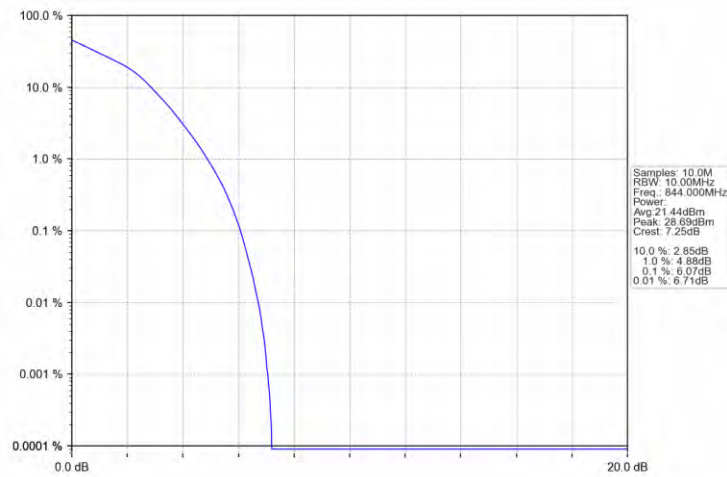


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Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



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 / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                    | 848.3           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 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    |
|                                    | 848.3           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 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    |
|                                  | 847.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 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    |
|                                  | 847.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 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    |
|                                  | 846.5           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 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    |

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|  |       |    |    |                     |      |
|--|-------|----|----|---------------------|------|
|  | 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

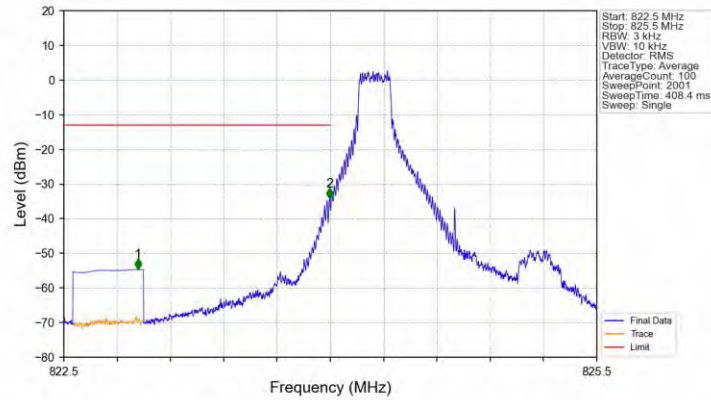
| Band: 5 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | 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    |

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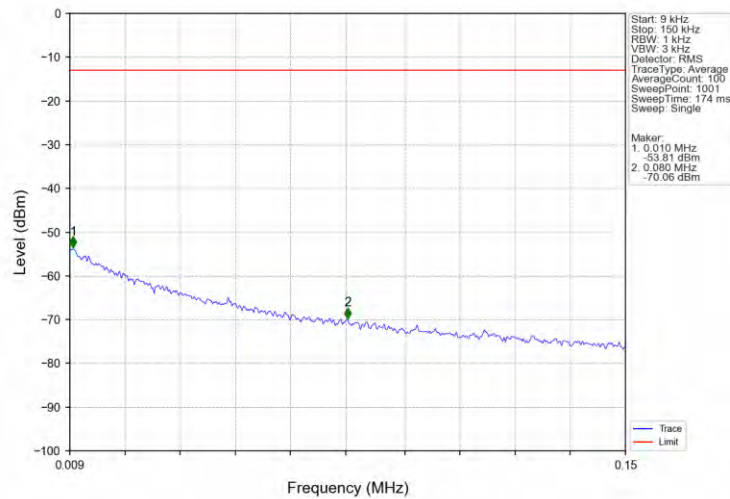
## 6.2 Test Graph

### 6.2.1 B5\_1.4MHz

Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

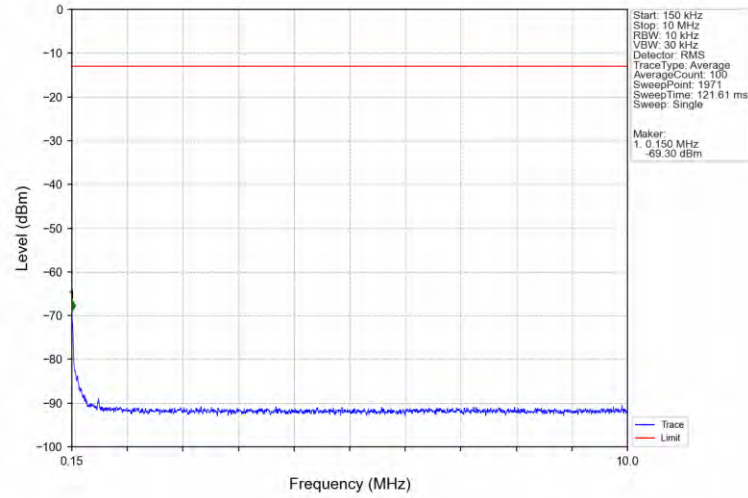


Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

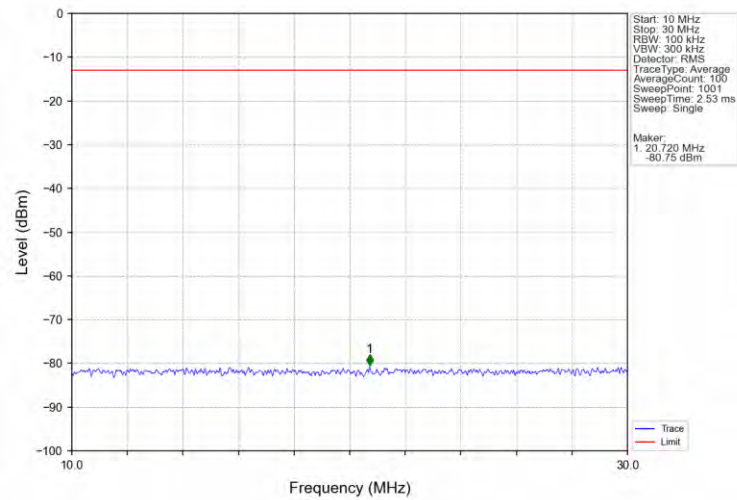


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Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

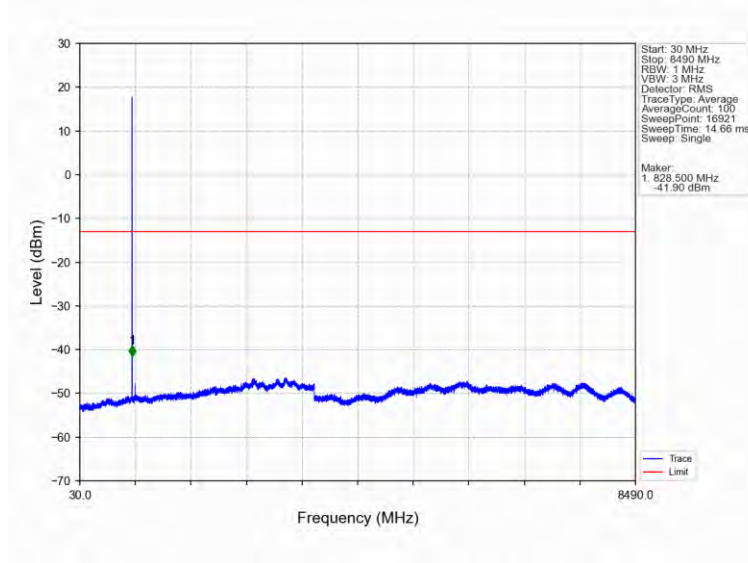


Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

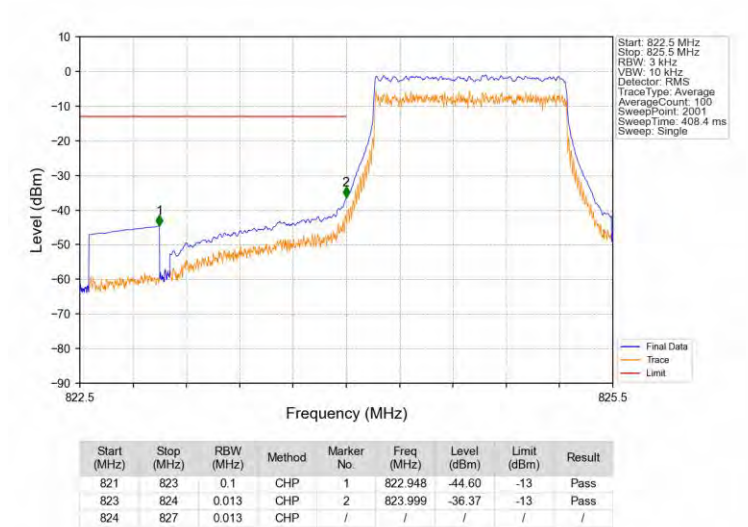


240930017FW6

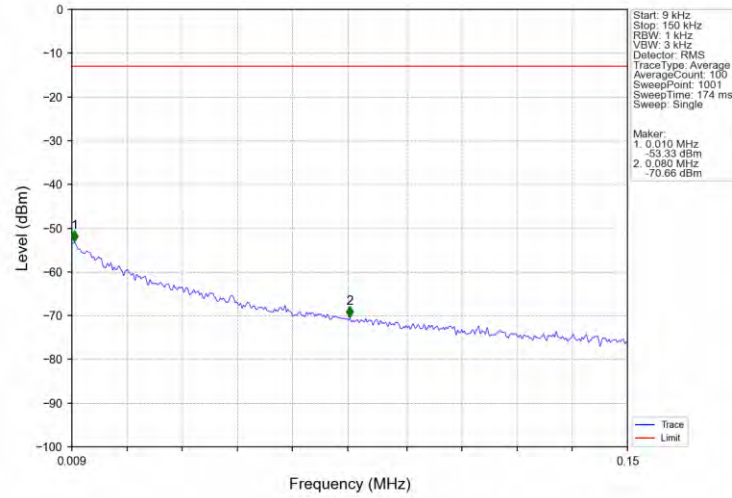
### Band5 1.4MHz QPSK LCH 824.7MHz RB 1 0 NTNV



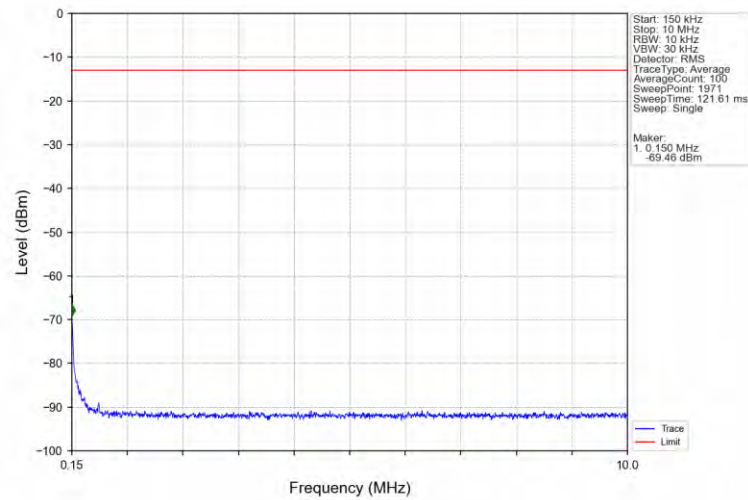
### Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



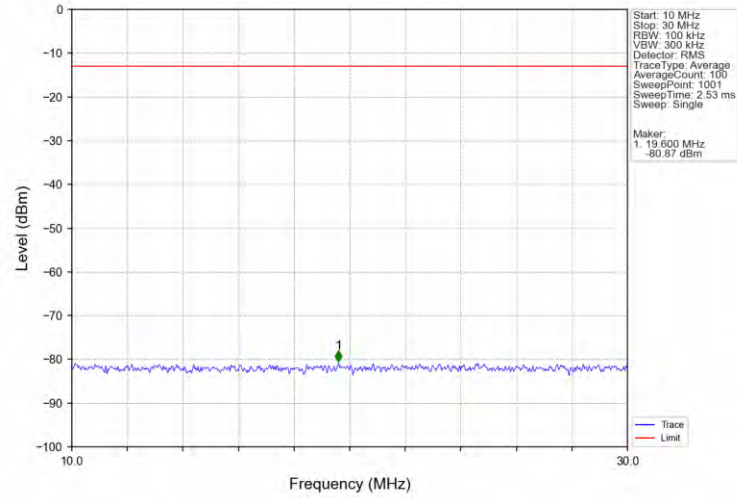
### Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



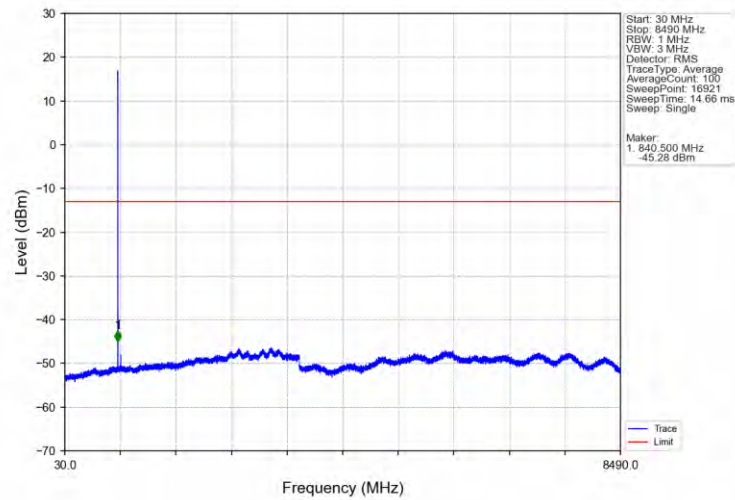
### Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



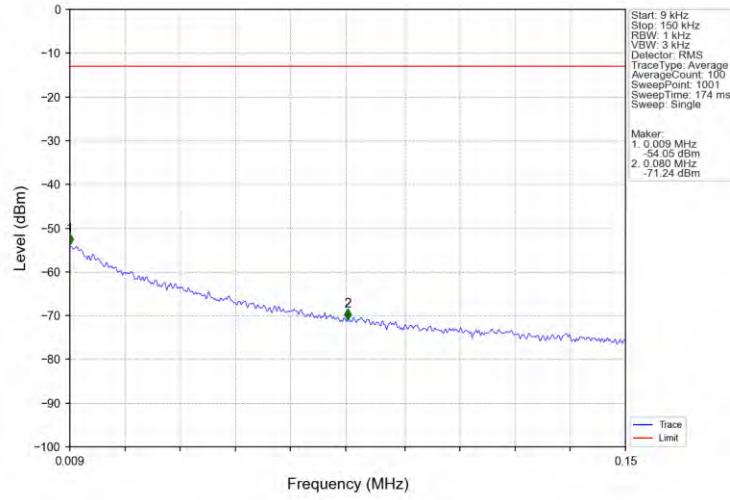
## Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



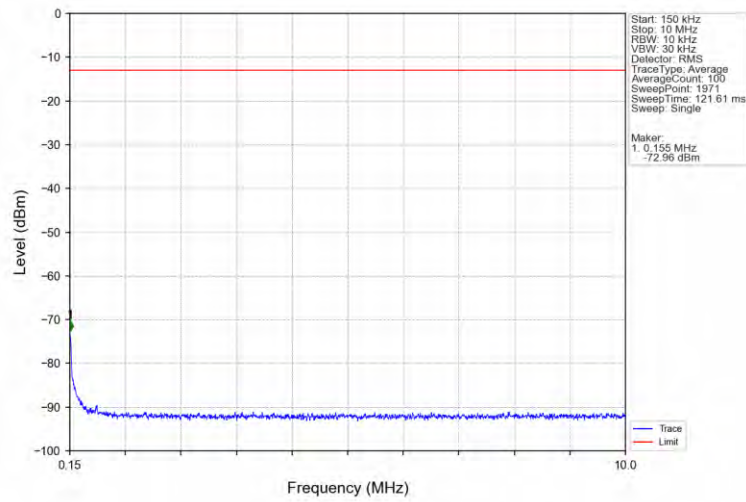
## Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

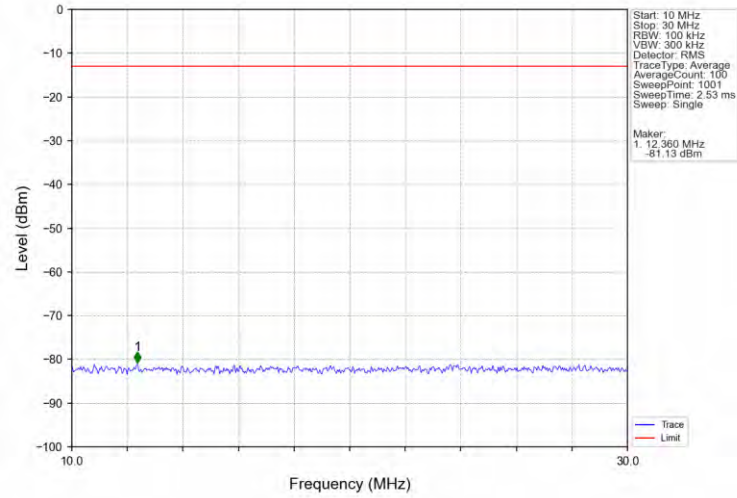


## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

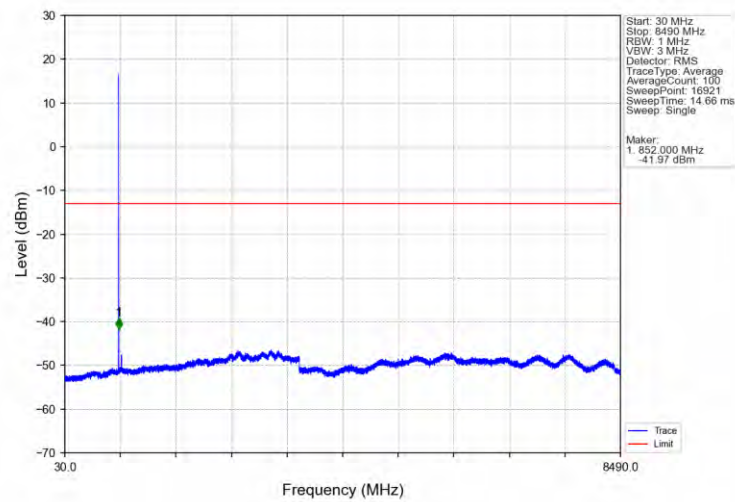


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## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

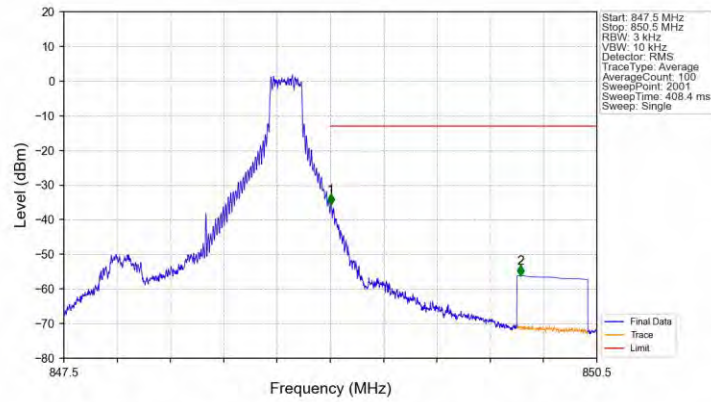


## Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



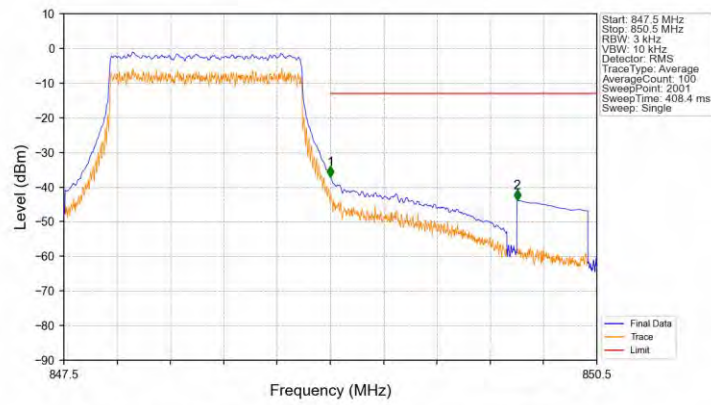
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## Band5 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTNV



| 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          | 849.003    | -35.76      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.072    | -56.20      | -13         | Pass   |

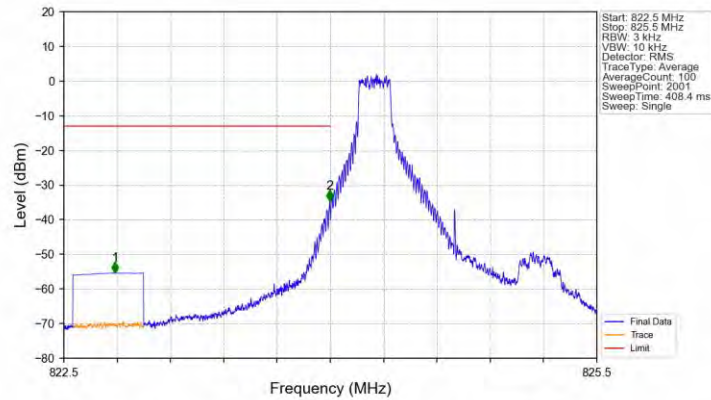
## Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



| 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          | 849.001    | -37.19      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.052    | -43.83      | -13         | Pass   |

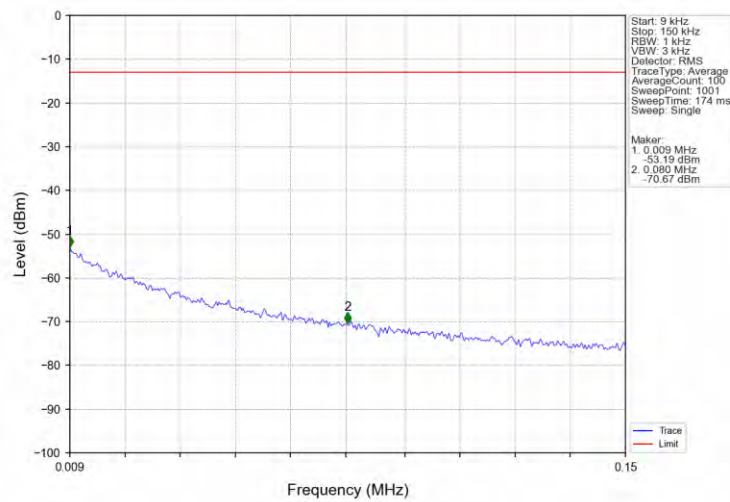
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## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



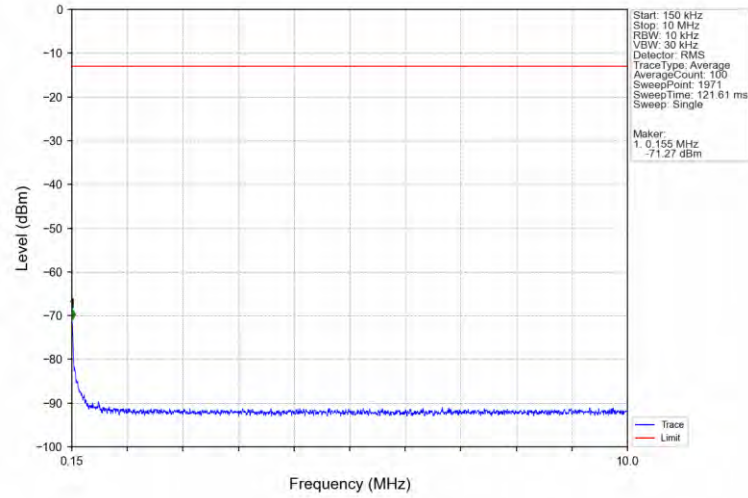
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.788    | -55.35      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.995    | -34.66      | -13         | Pass   |
| 824         | 827        | 0.003     | /      | /          | /          | /           | /           | /      |

## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

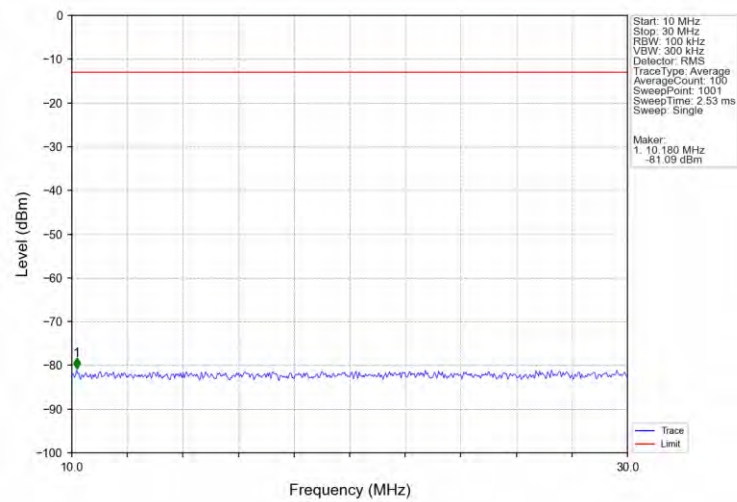


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Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

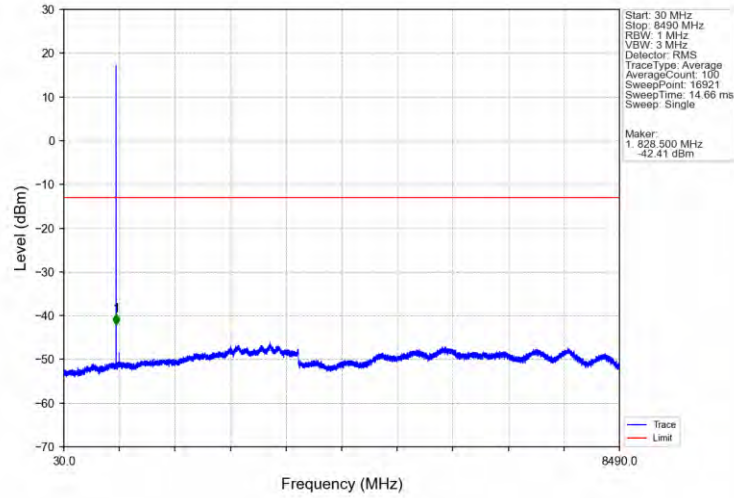


Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

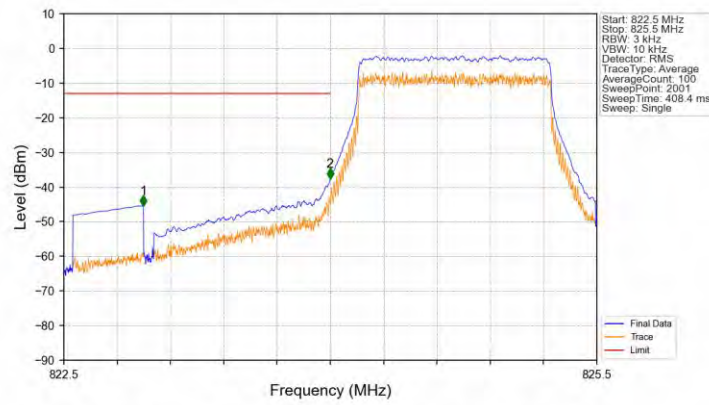


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## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

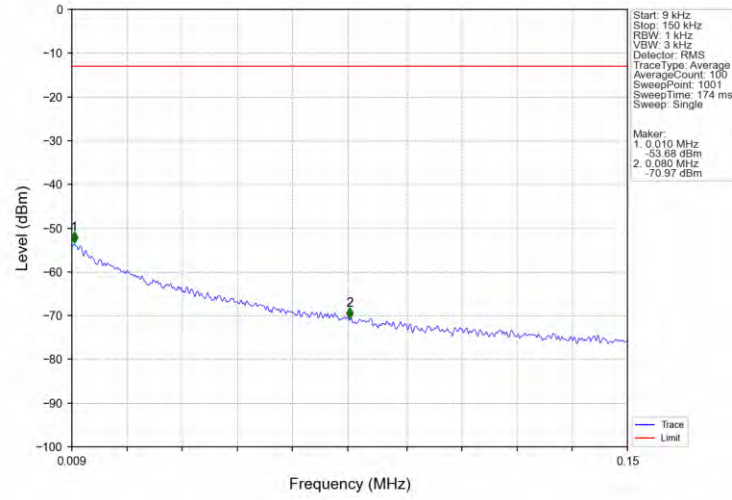


## Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

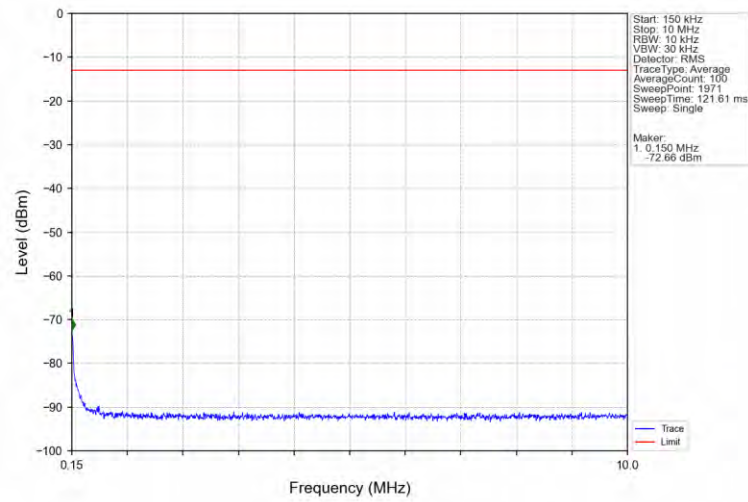


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.948    | -45.44      | -13         | Pass   |
| 823         | 824        | 0.013     | CHP    | 2          | 823.999    | -37.62      | -13         | Pass   |
| 824         | 827        | 0.013     | CHP    | /          | /          | /           | /           | /      |

### Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

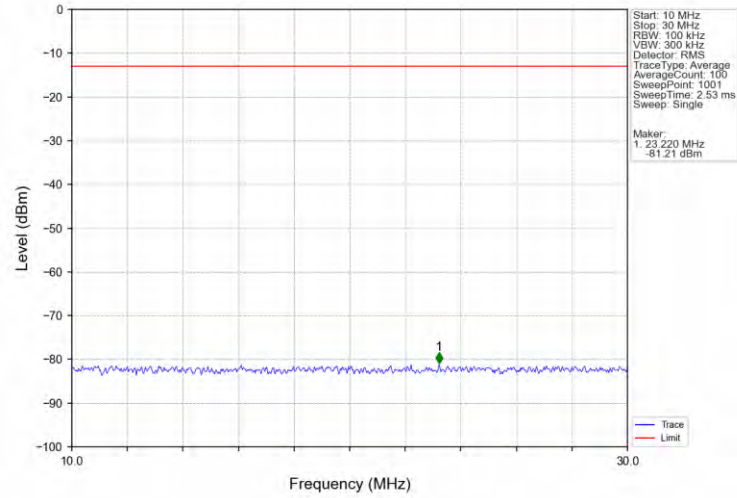


### Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

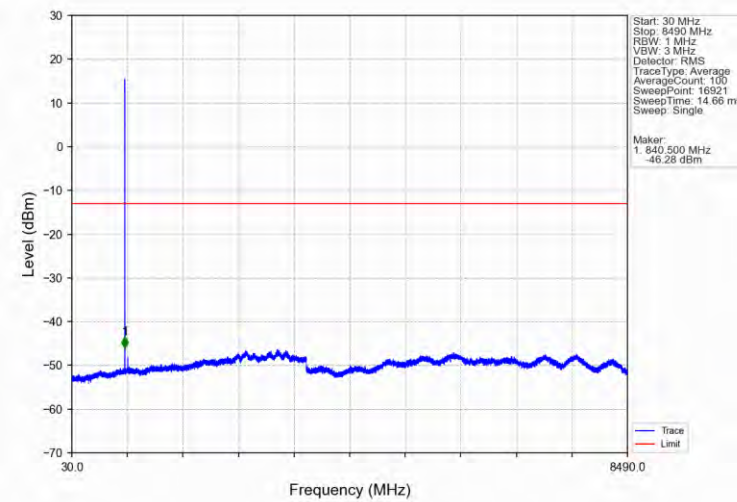


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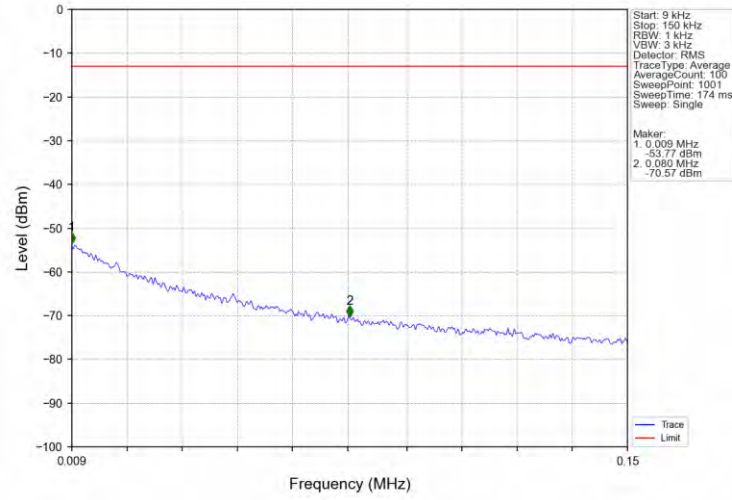
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



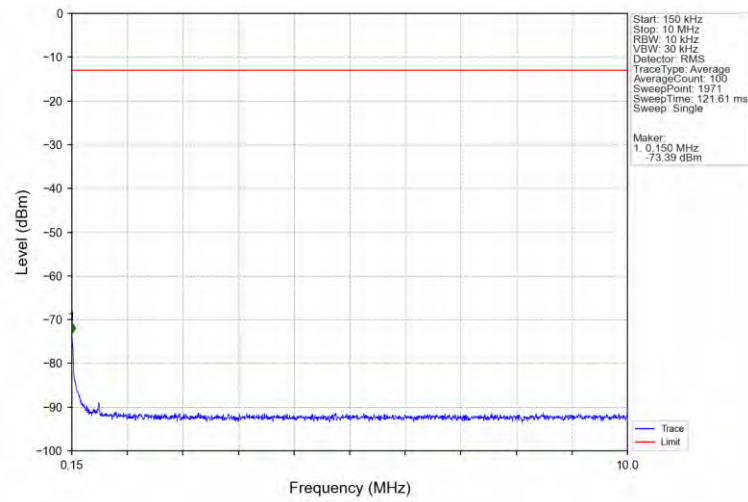
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



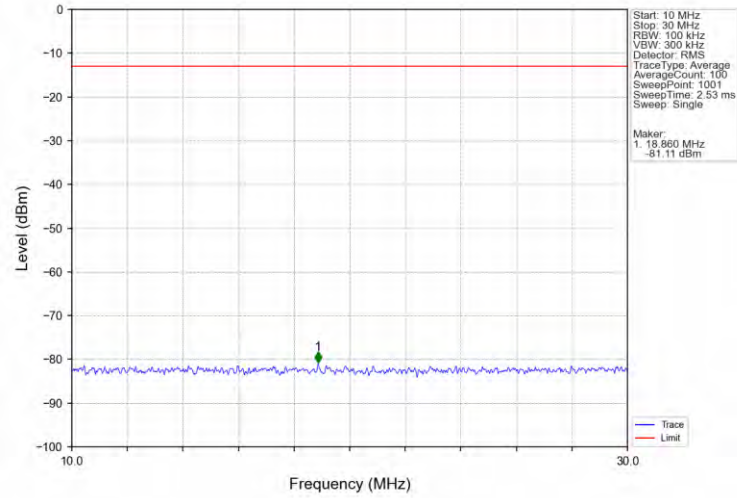
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



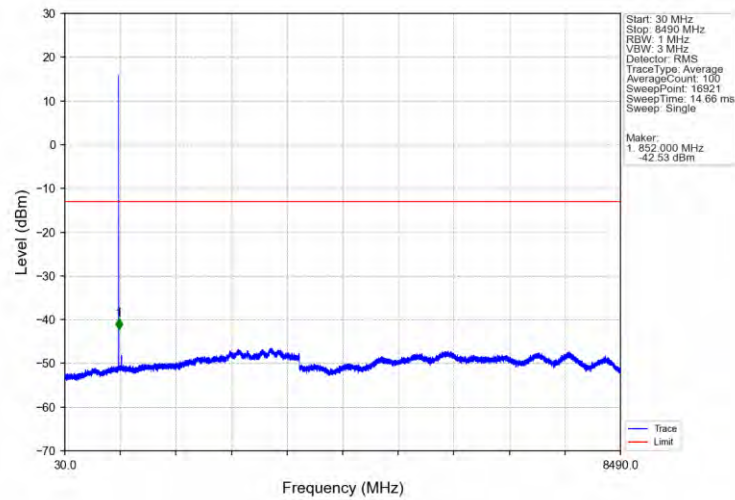
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

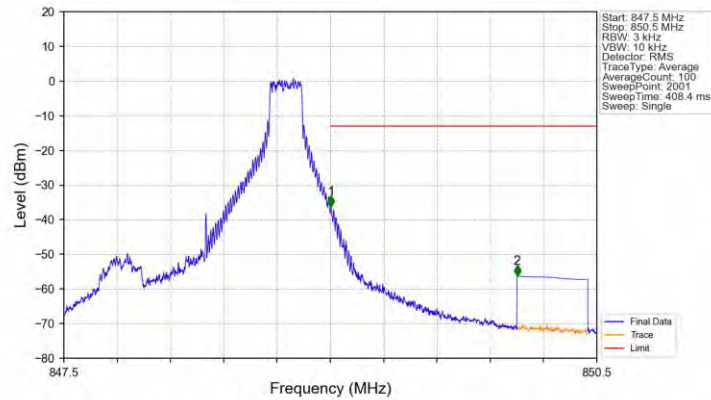


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



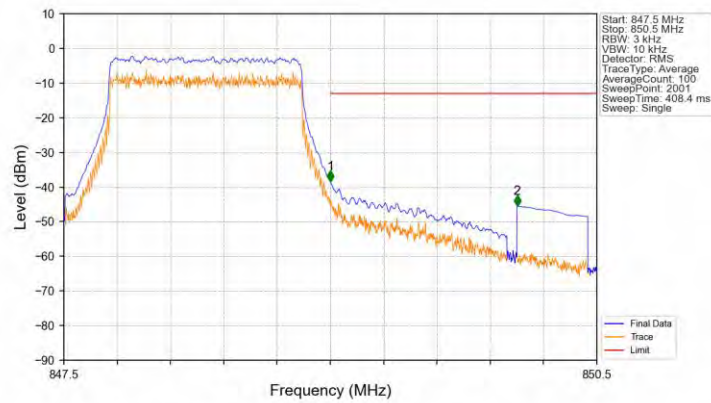
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### Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_5\_NTNV



| 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          | 849.005    | -36.24      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.052    | -56.25      | -13         | Pass   |

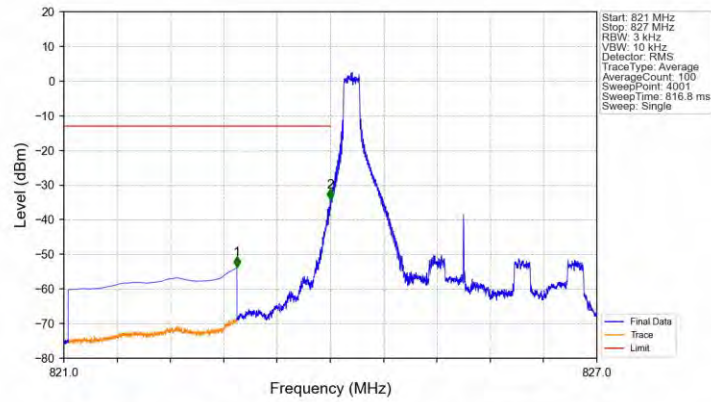
### Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



| 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          | 849.001    | -38.47      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.052    | -45.48      | -13         | Pass   |

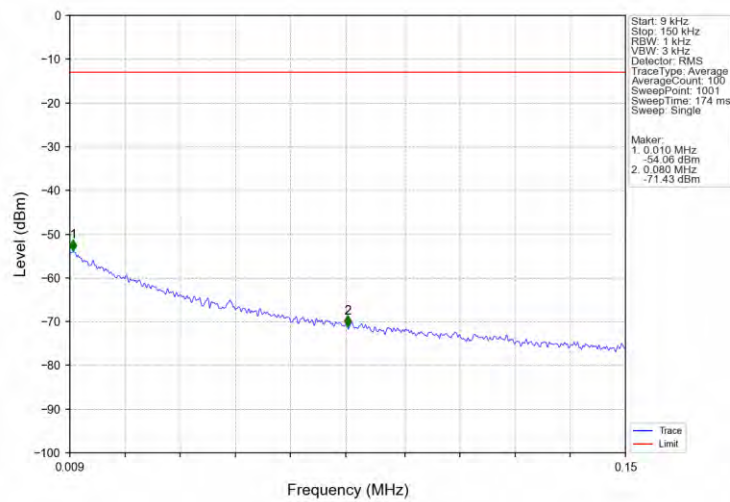
## 6.2.2 B5\_3MHz

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



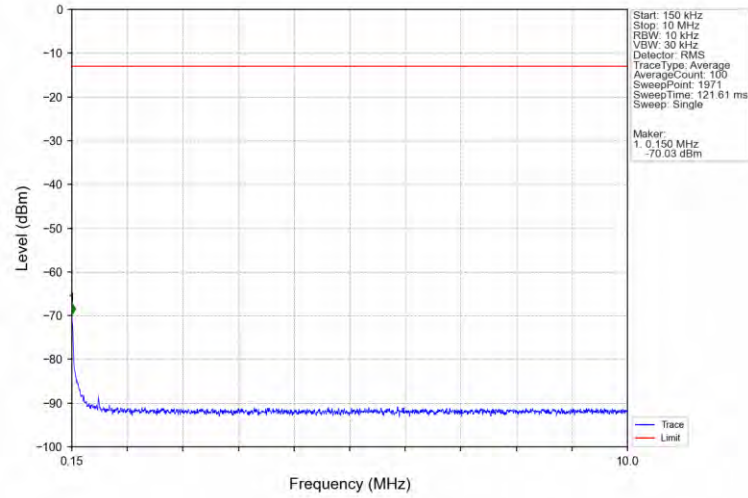
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.948    | -53.70      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.999    | -34.31      | -13         | Pass   |
| 824         | 827        | 0.003     | /      | /          | /          | /           | /           | /      |

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

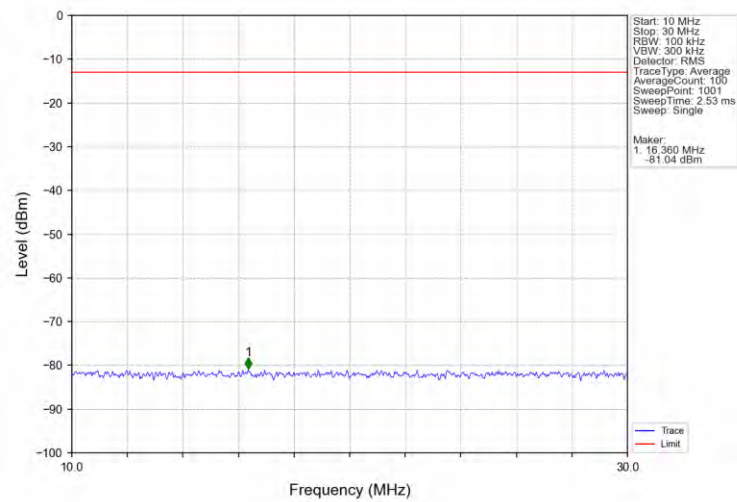


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### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

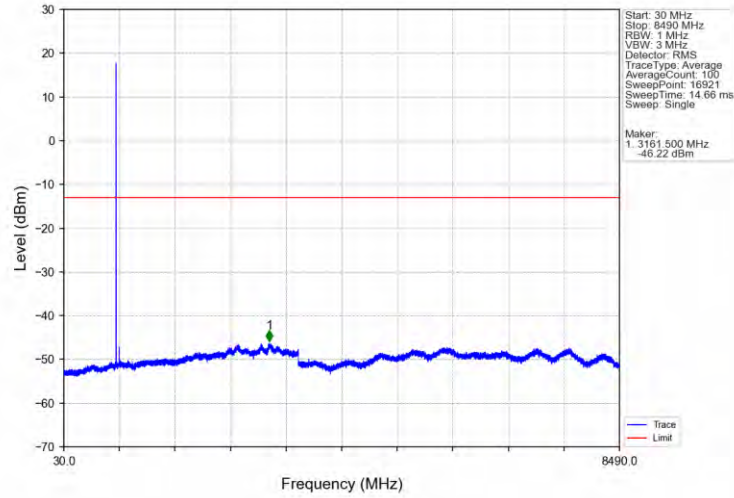


### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

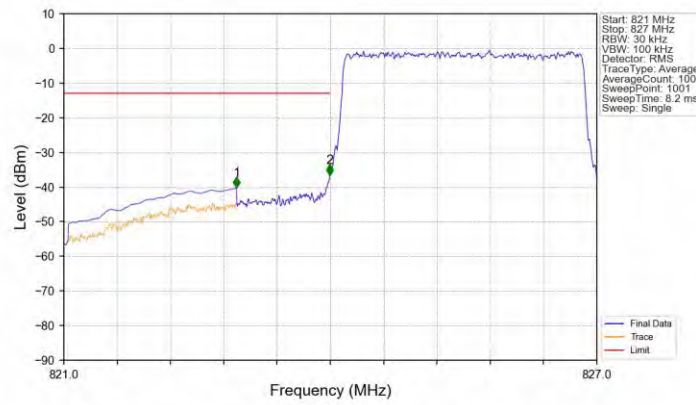


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### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



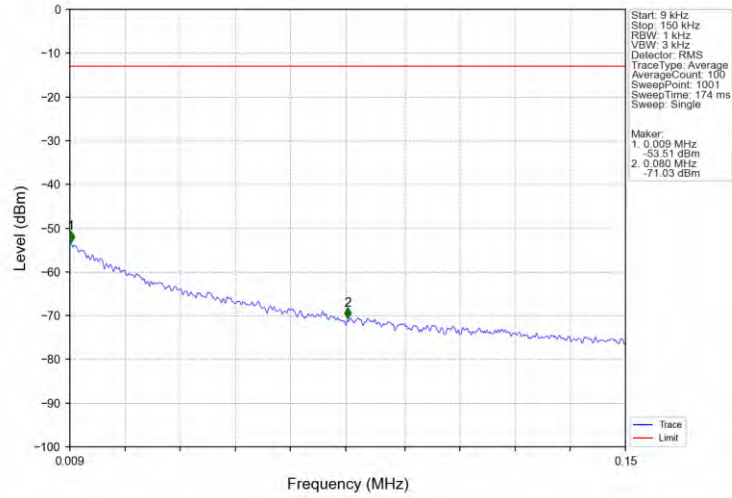
### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



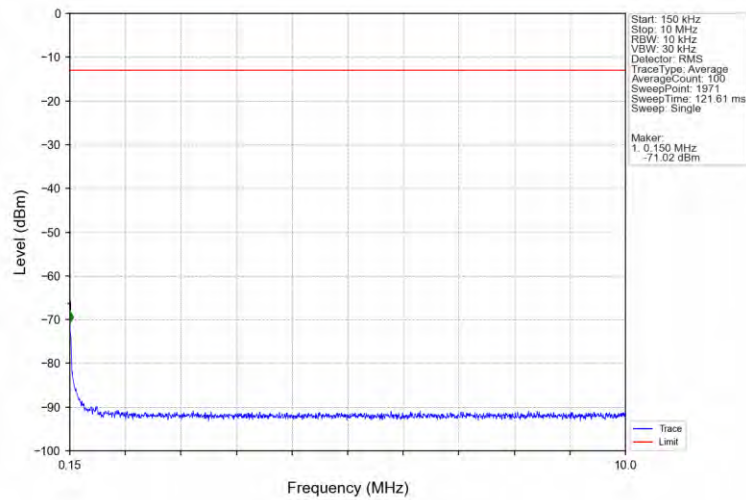
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.944    | -40.19      | -13         | Pass   |
| 823         | 824        | 0.03      | /      | 2          | 823.994    | -36.53      | -13         | Pass   |
| 824         | 827        | 0.03      | /      | /          | /          | /           | /           | /      |

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### Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

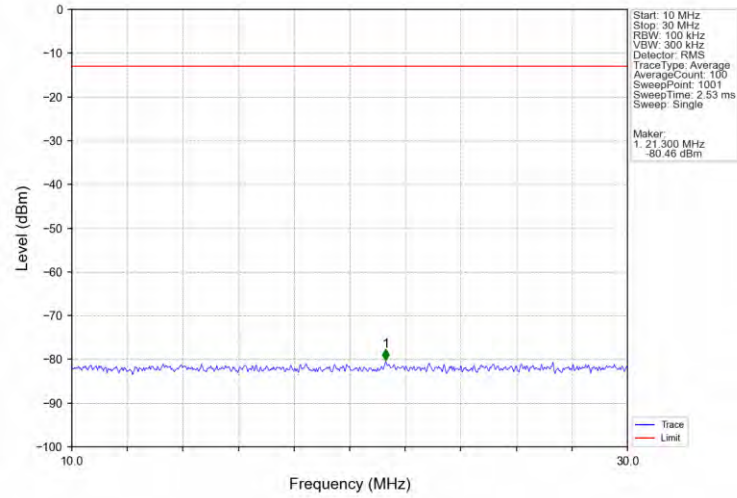


### Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

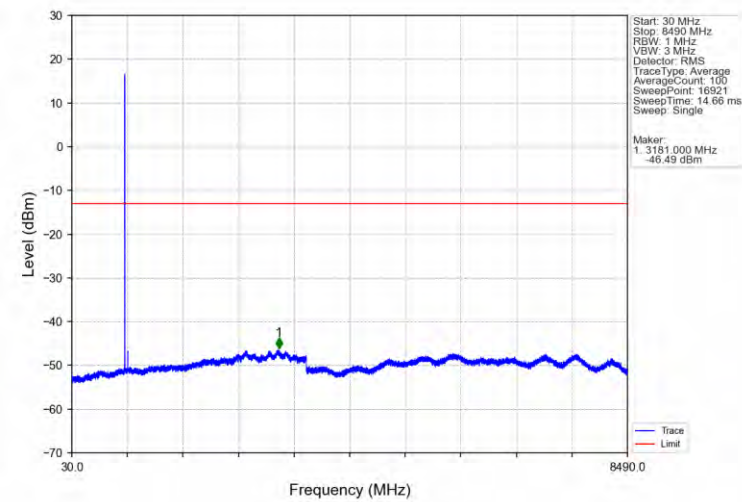


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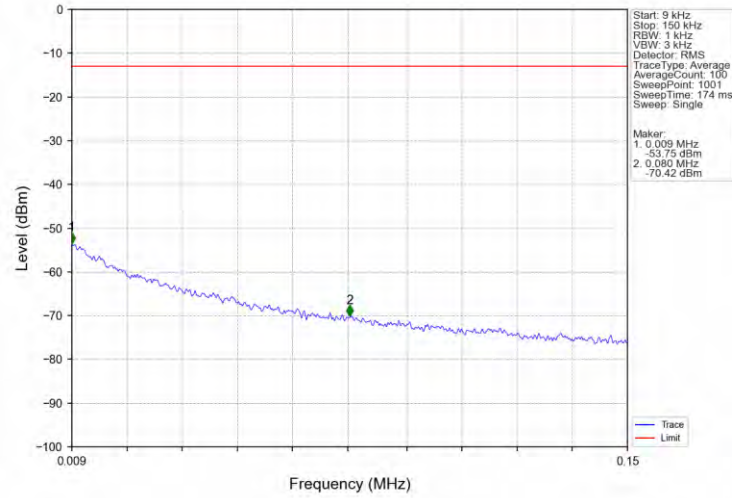
## Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



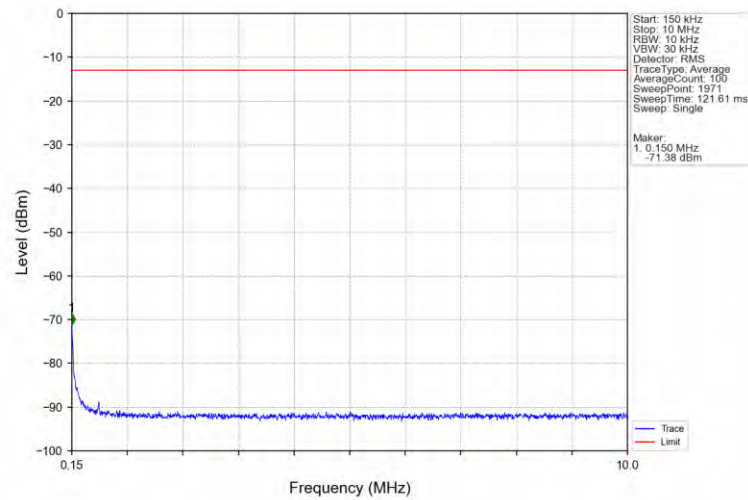
## Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



## Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV

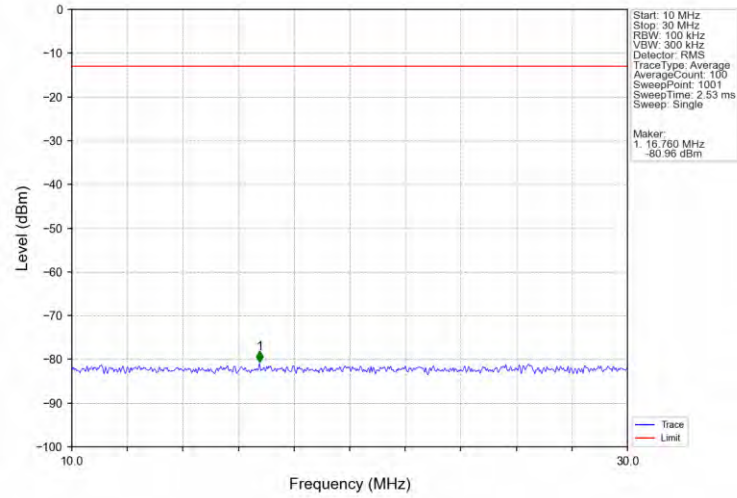


## Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV

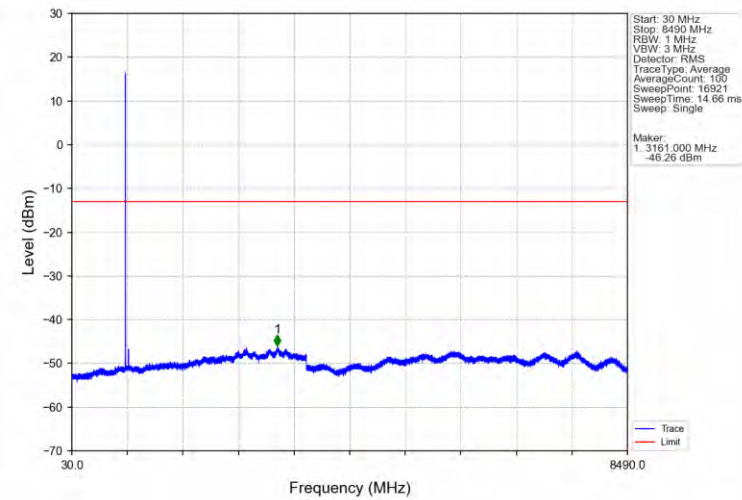


240930017FW6

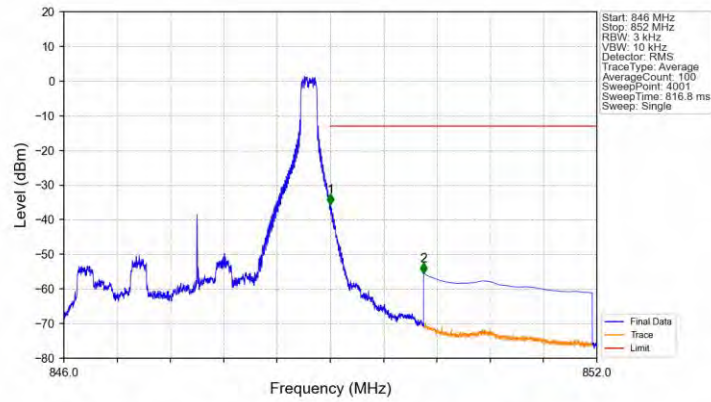
### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_0\_NTNV

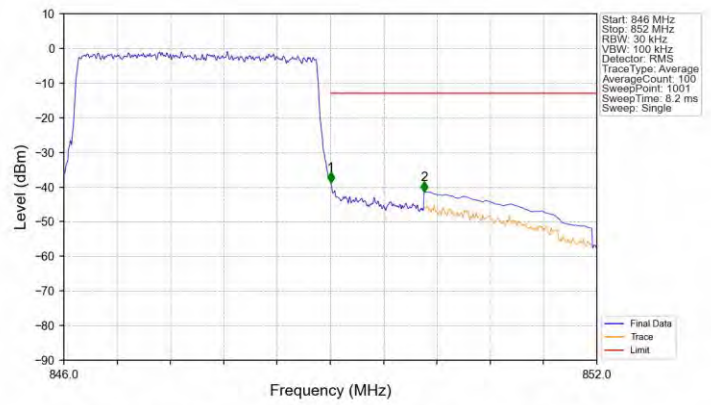


### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



| 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    | -35.62      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.052    | -55.49      | -13         | Pass   |

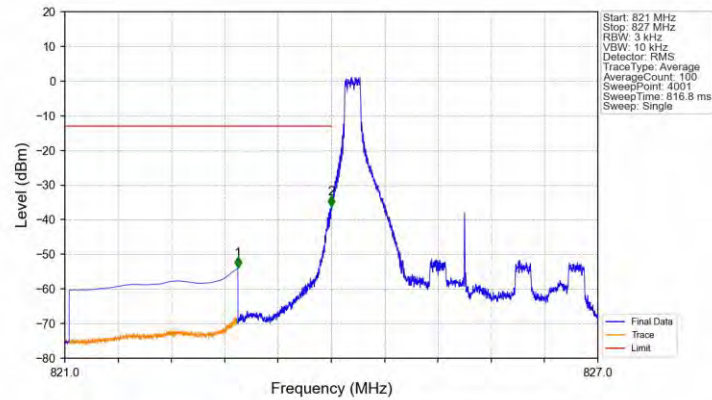
### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.03      | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.03      | /      | 1          | 849.006    | -38.82      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.056    | -41.41      | -13         | Pass   |

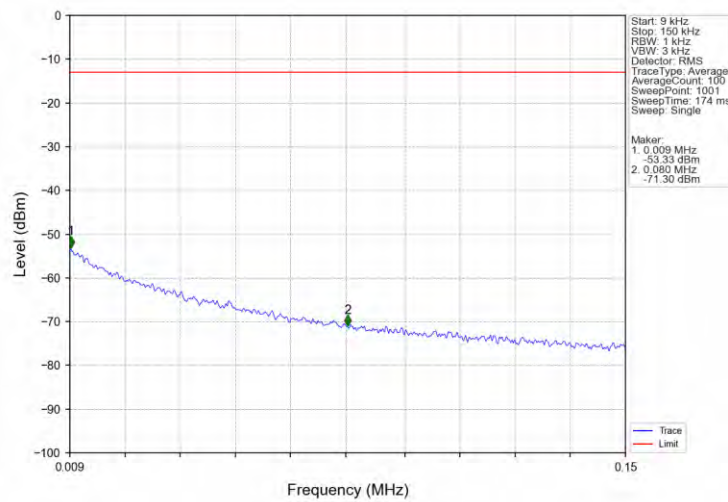
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### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



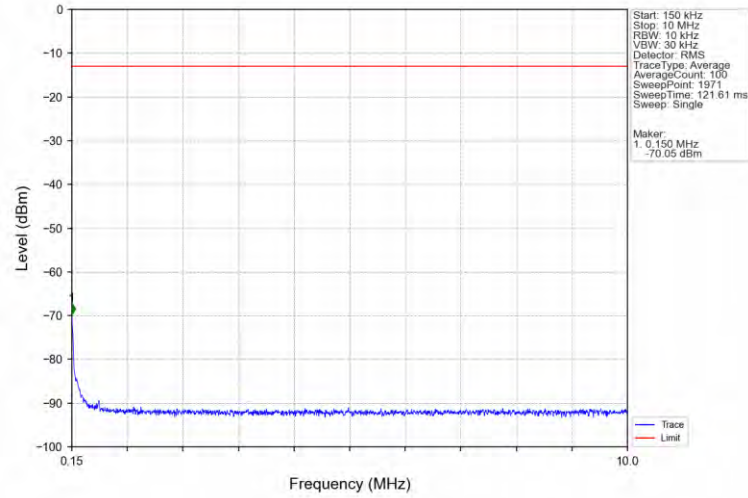
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.948    | -53.98      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.999    | -36.23      | -13         | Pass   |
| 824         | 827        | 0.003     | /      | /          | /          | /           | /           | /      |

### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

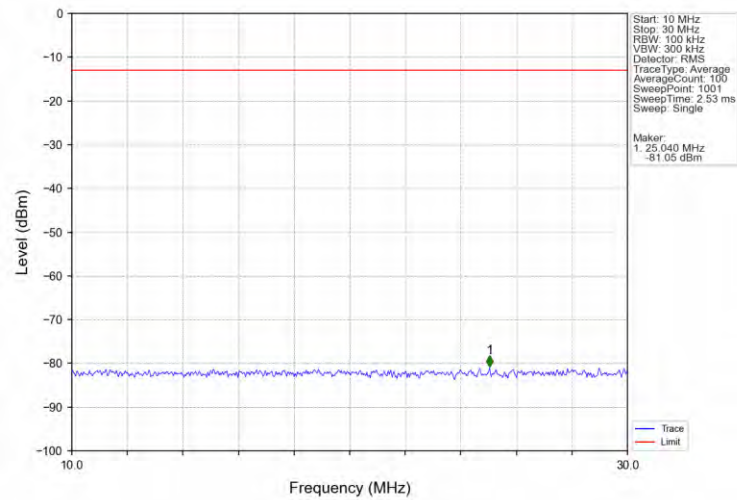


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### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

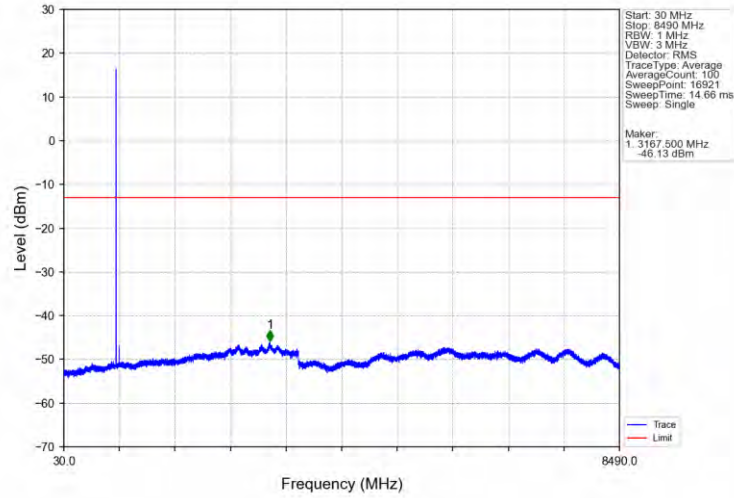


### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

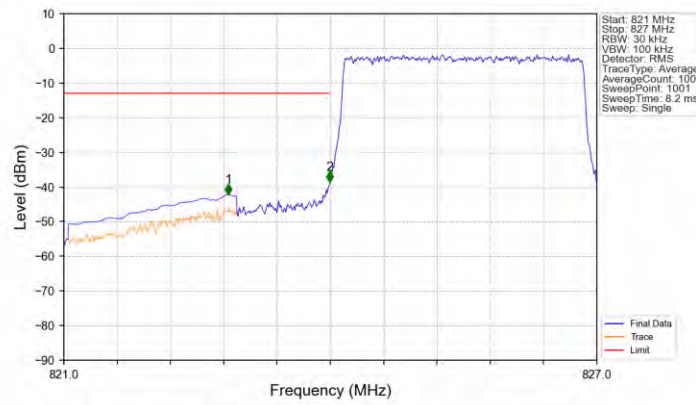


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### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV

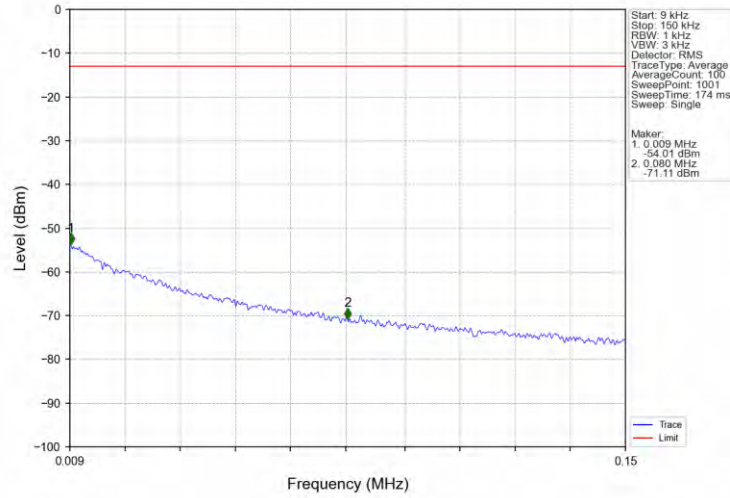


### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

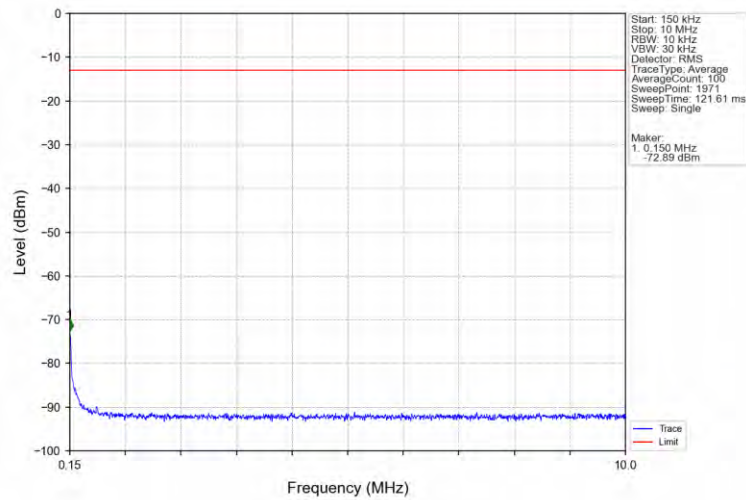


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1         | 822.854    | -42.16      | -13         | Pass   |
| 823         | 824        | 0.03      | /      | 2         | 823.994    | -38.54      | -13         | Pass   |
| 824         | 827        | 0.03      | /      | /         | /          | /           | /           | /      |

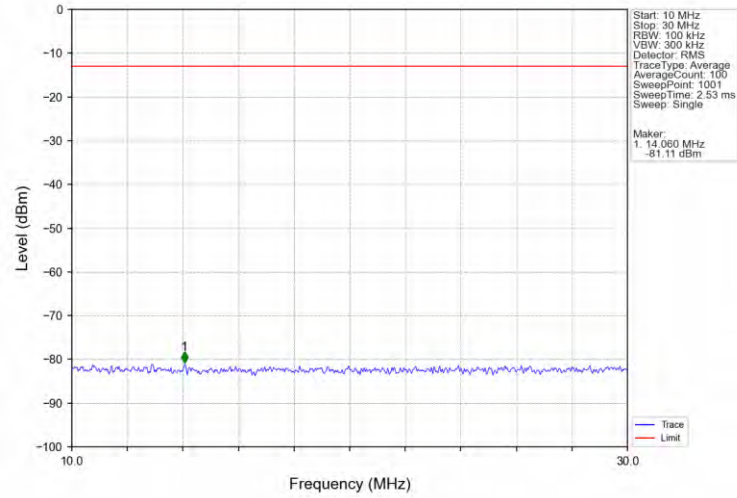
## Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



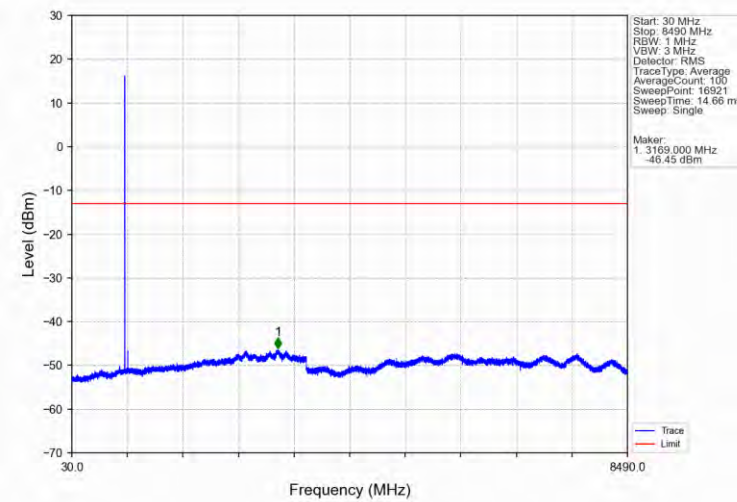
## Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



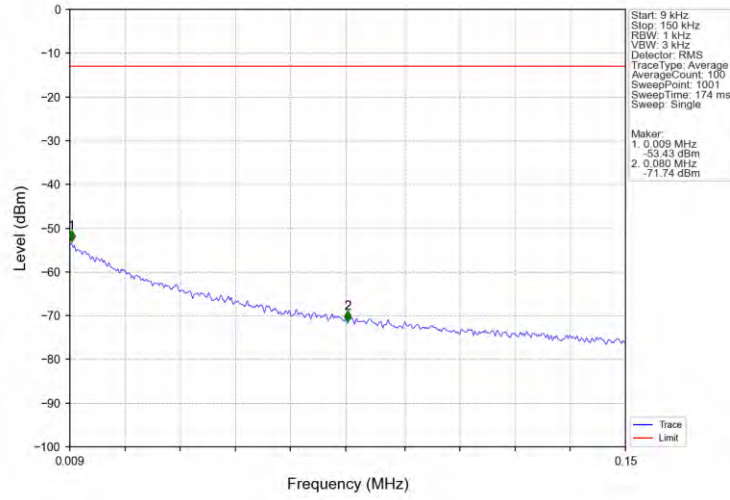
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



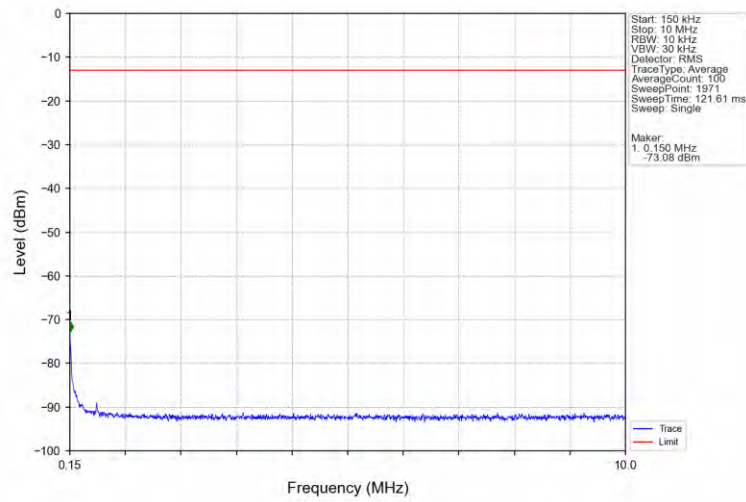
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



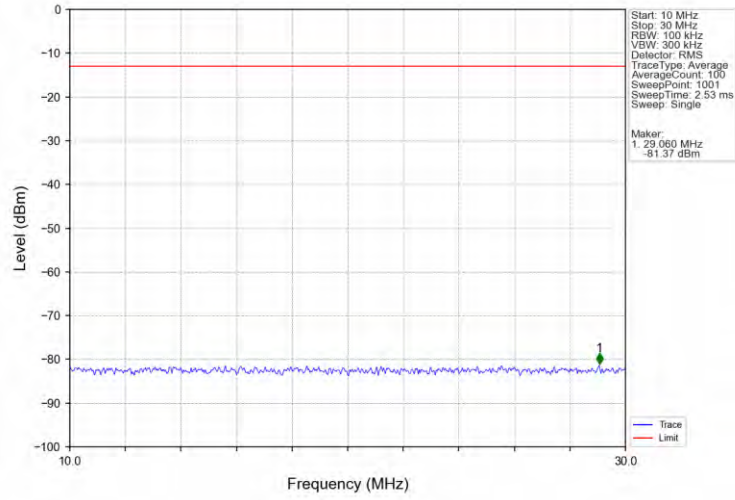
### Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



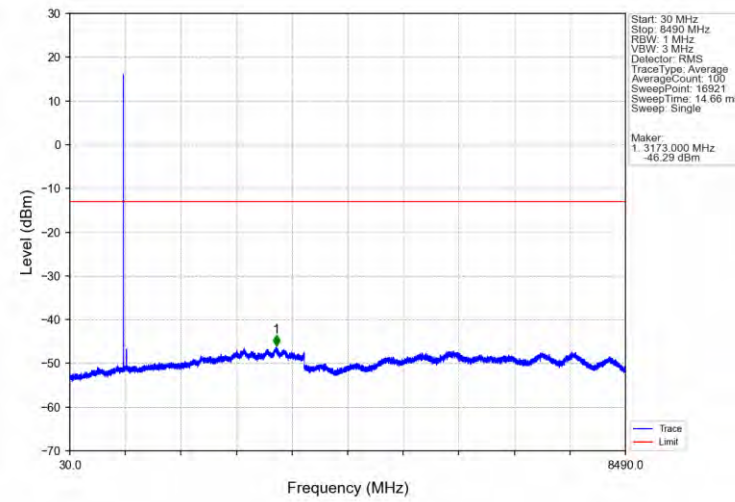
### Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



### Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV

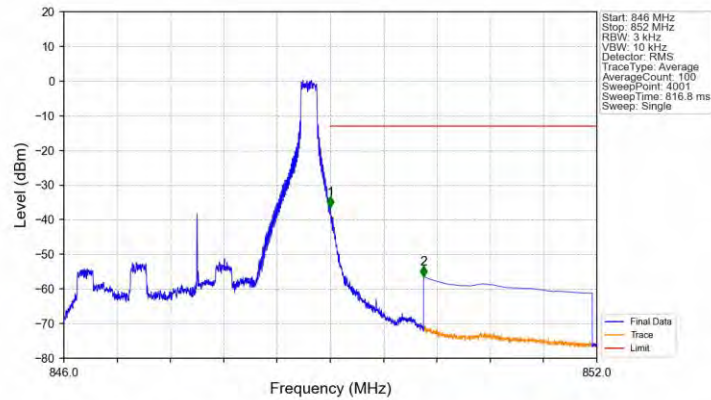


### Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_0\_NTNV



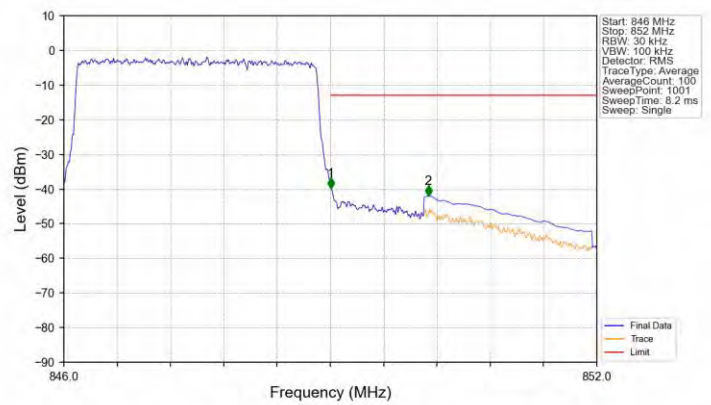
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## Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



| 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    | -36.41      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.052    | -56.40      | -13         | Pass   |

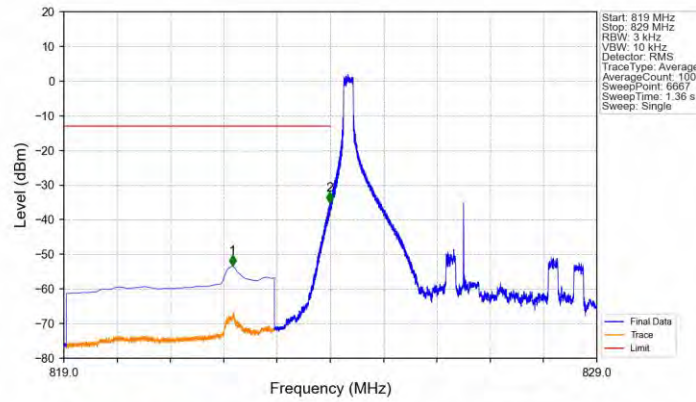
## Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.03      | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.03      | /      | 1          | 849.006    | -39.77      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.104    | -41.97      | -13         | Pass   |

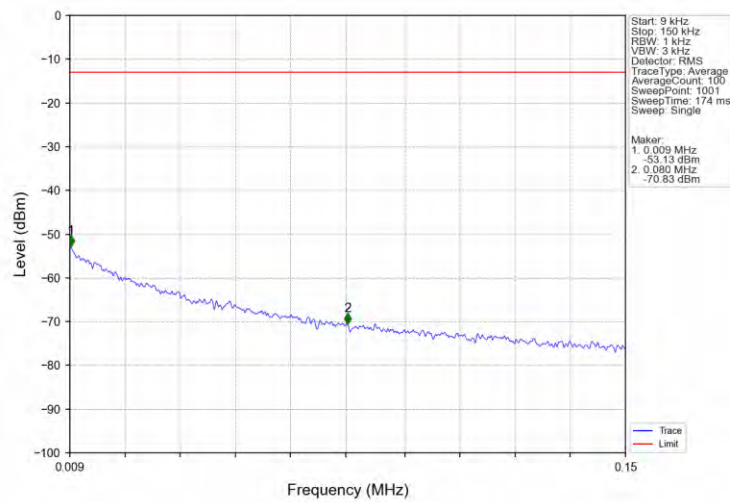
### 6.2.3 B5\_5MHz

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



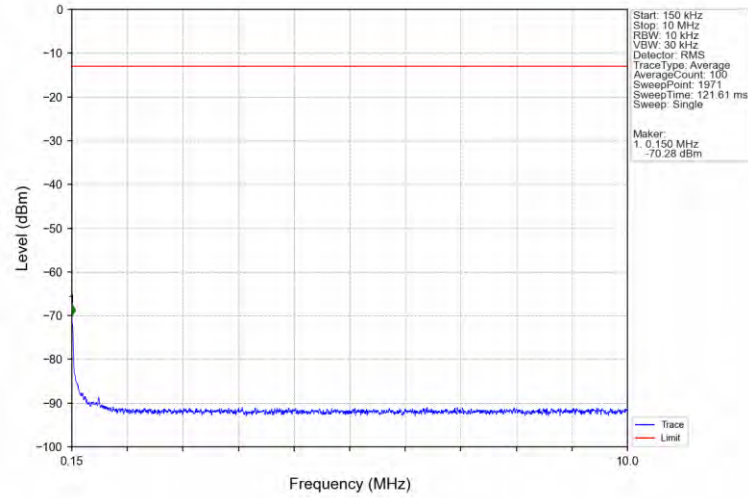
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.162    | -53.41      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.988    | -35.15      | -13         | Pass   |
| 824         | 829        | 0.003     | /      | /          | /          | /           | /           | /      |

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

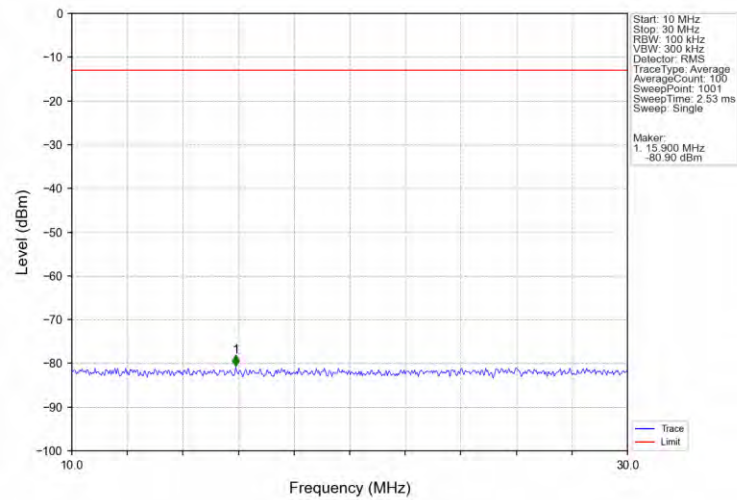


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### Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

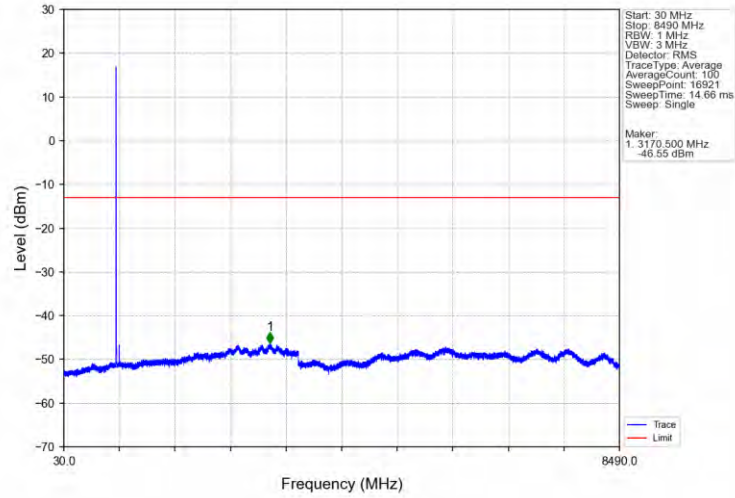


### Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

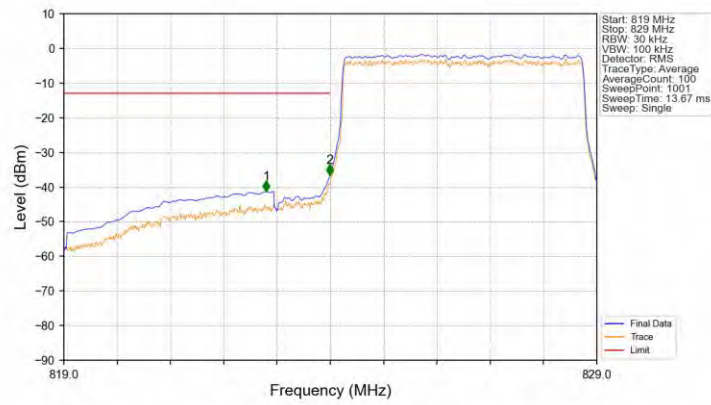


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## Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

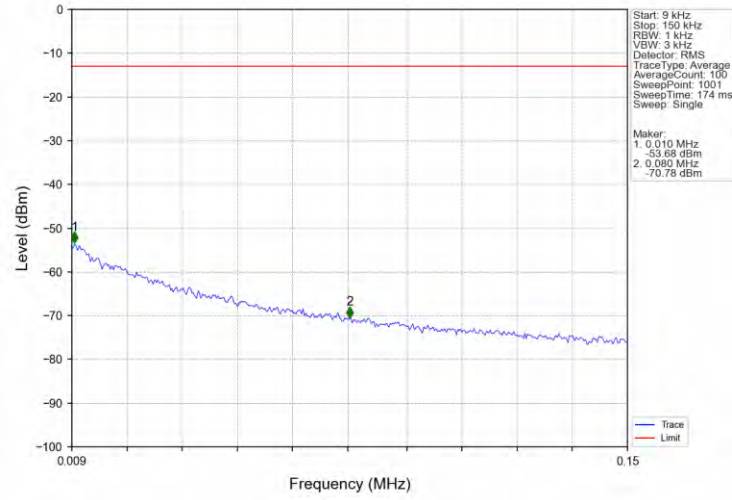


## Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

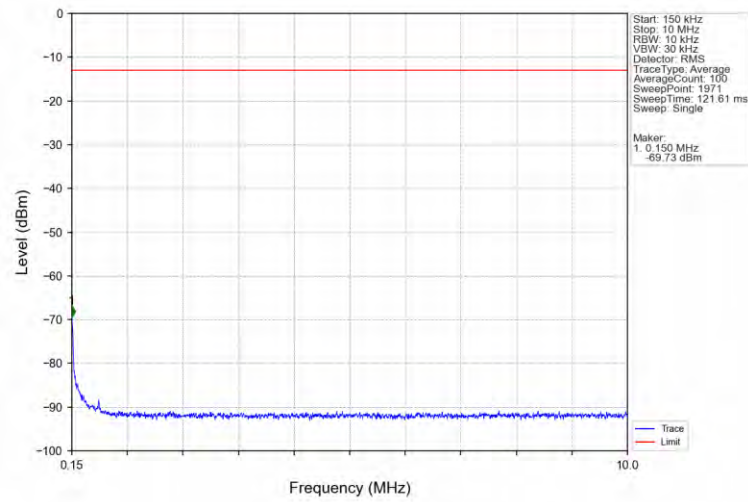


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.800    | -41.29      | -13         | Pass   |
| 823         | 824        | 0.051     | CHP    | 2          | 823.990    | -36.49      | -13         | Pass   |
| 824         | 829        | 0.051     | CHP    | /          | /          | /           | /           | /      |

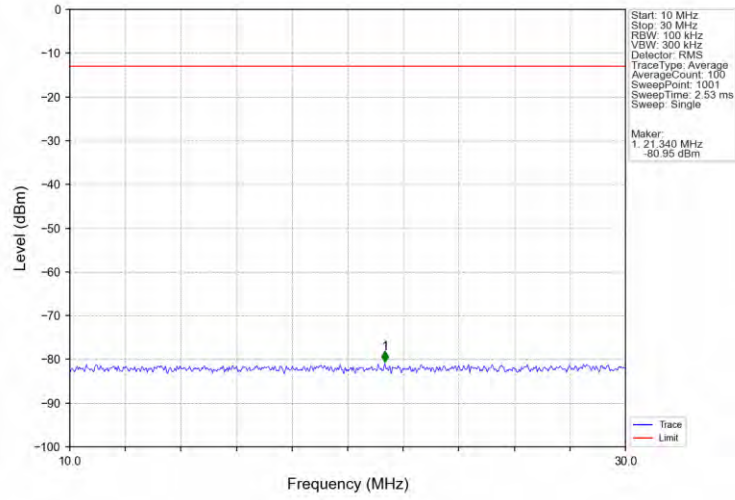
### Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



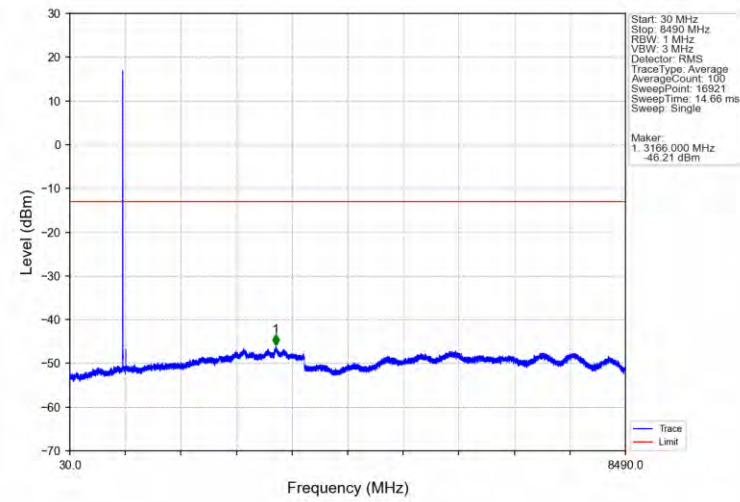
### Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



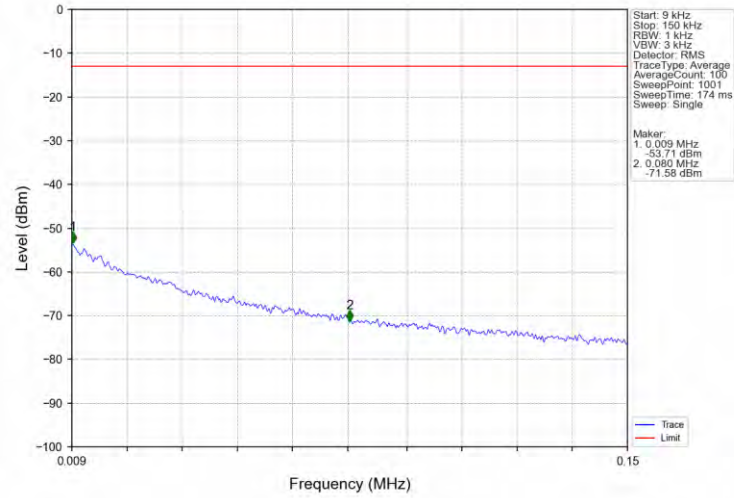
### Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



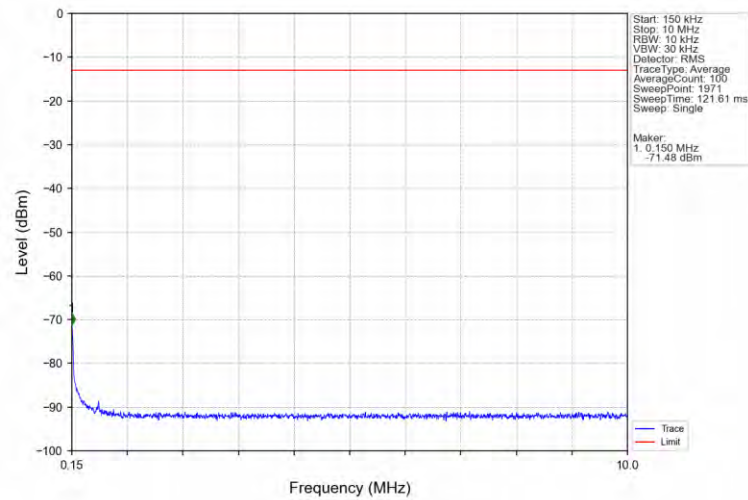
### Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

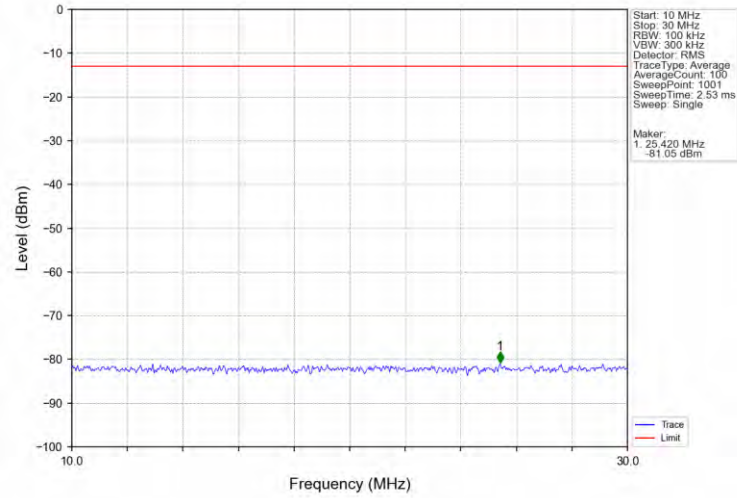


## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

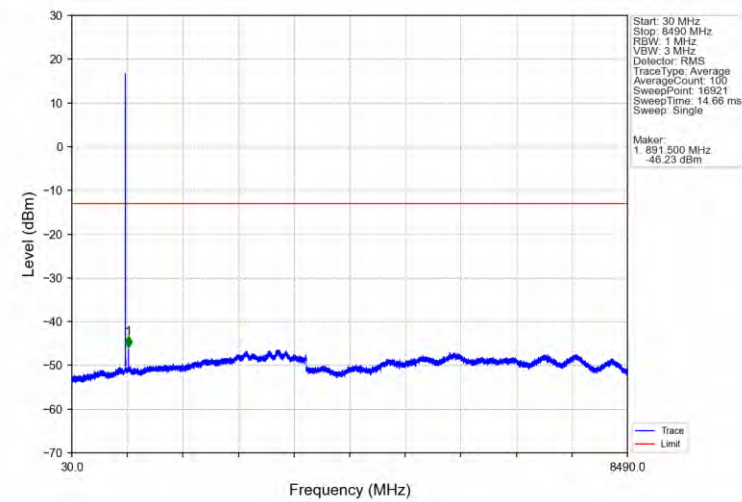


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### Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

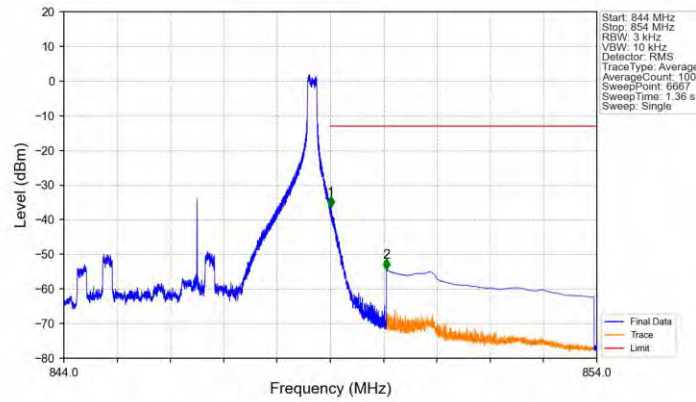


### Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



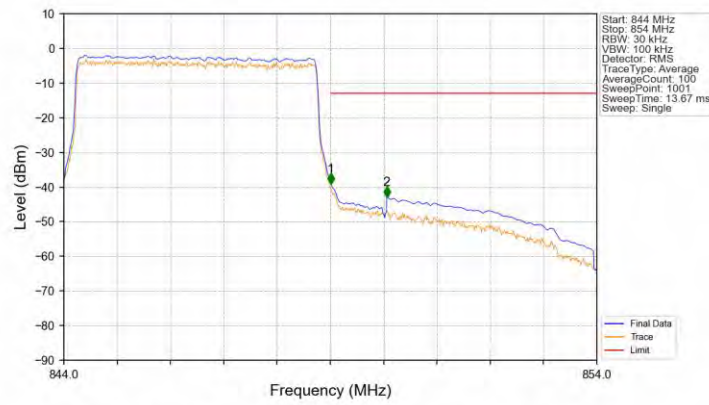
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## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



| 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          | 849.012    | -36.33      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.052    | -54.43      | -13         | Pass   |

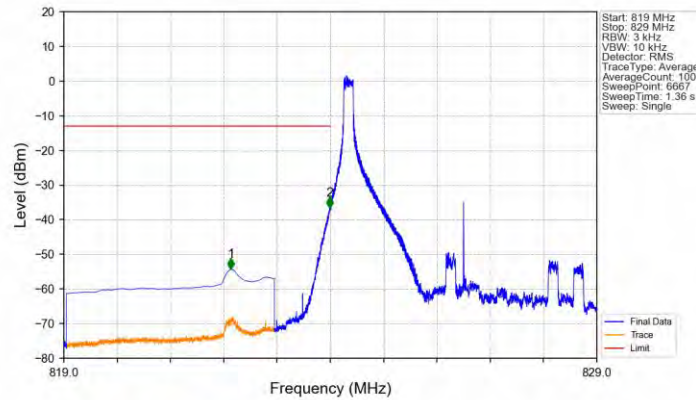
## Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



| 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    | -39.12      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.060    | -42.96      | -13         | Pass   |

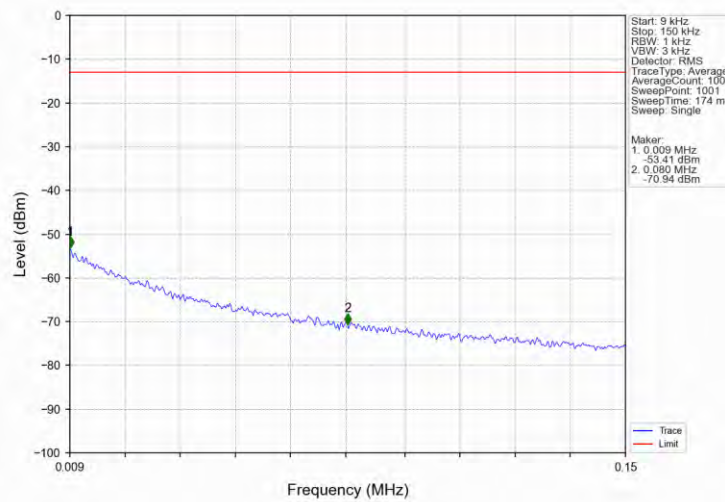
240930017FW6

## Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



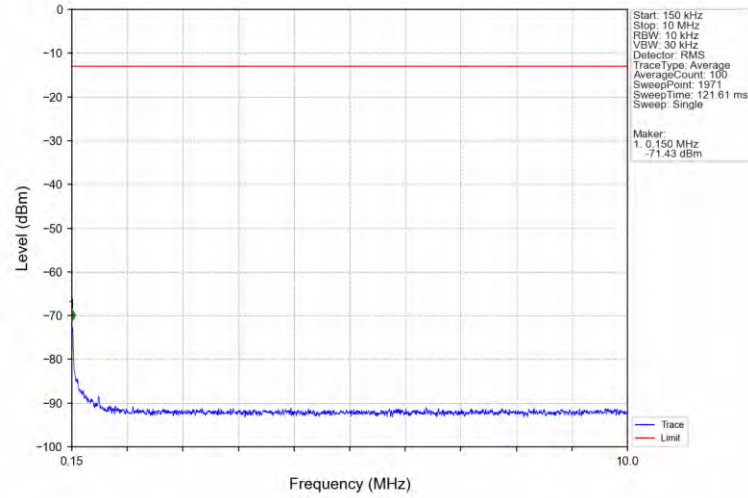
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.134    | -54.31      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.988    | -36.65      | -13         | Pass   |
| 824         | 829        | 0.003     | /      | /          | /          | /           | /           | /      |

## Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

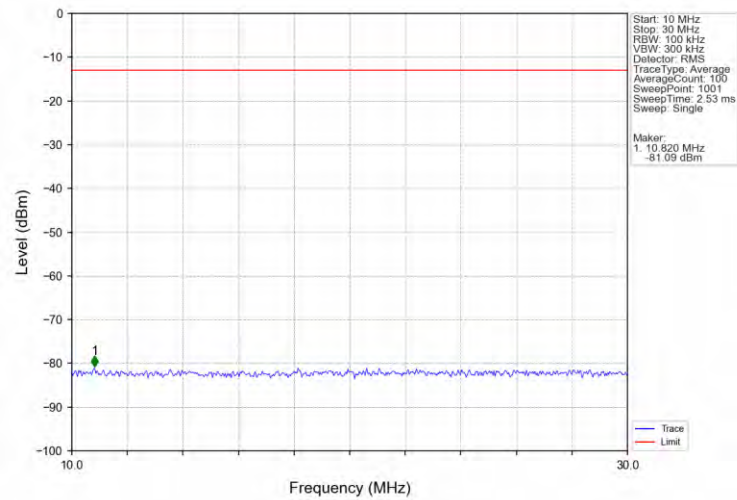


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### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

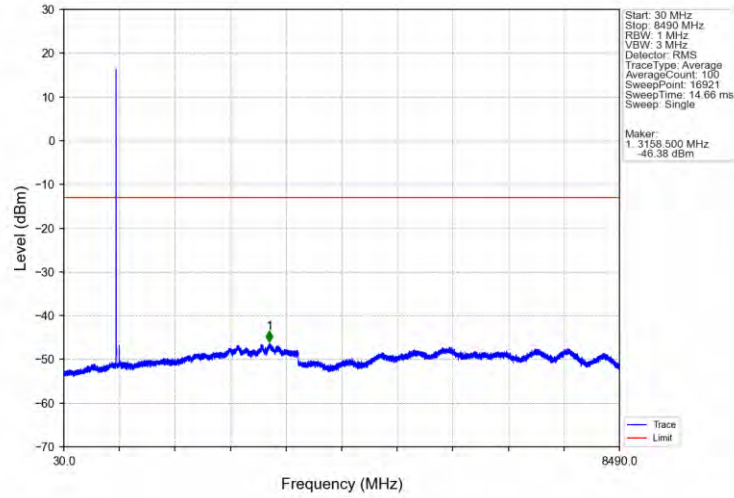


### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV

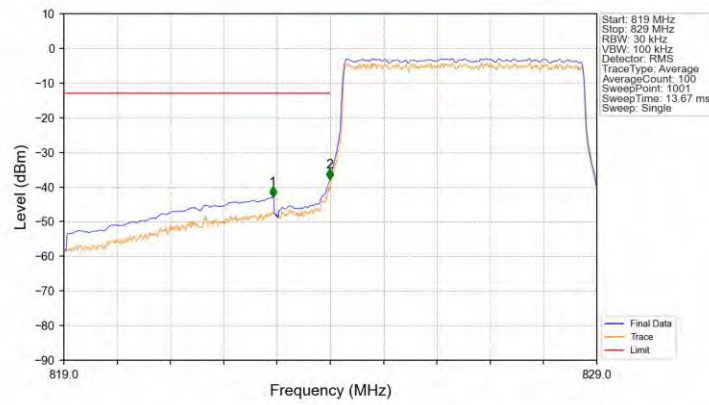


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### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



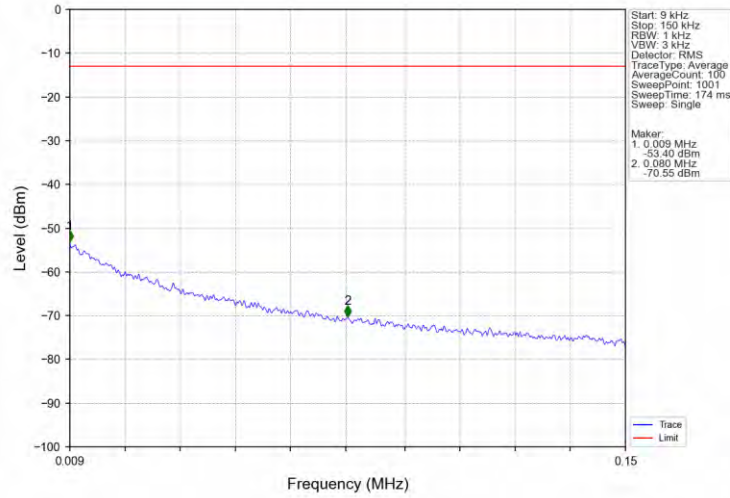
### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



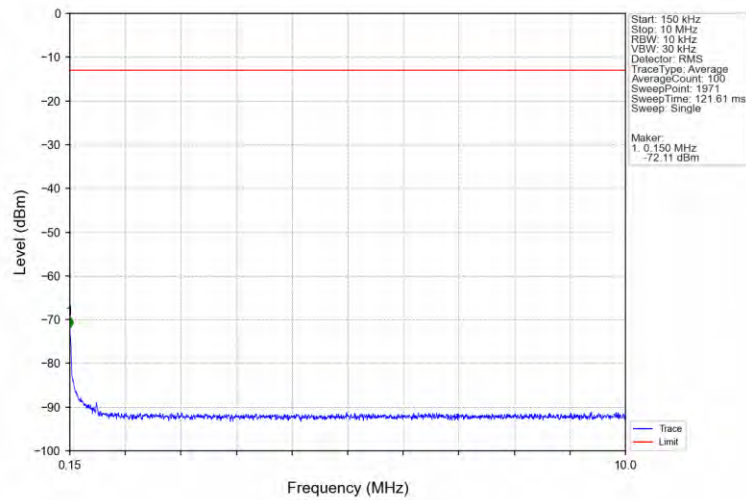
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.920    | -43.00      | -13         | Pass   |
| 823         | 824        | 0.05      | CHP    | 2          | 823.990    | -37.85      | -13         | Pass   |
| 824         | 829        | 0.05      | CHP    | /          | /          | /           | /           | /      |

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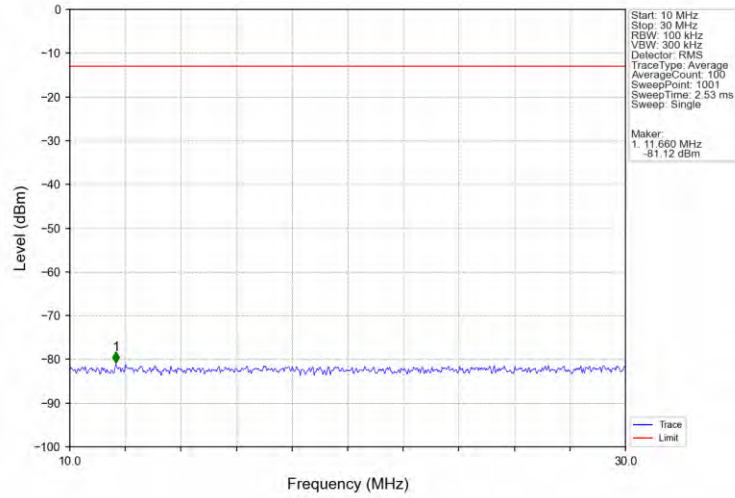
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



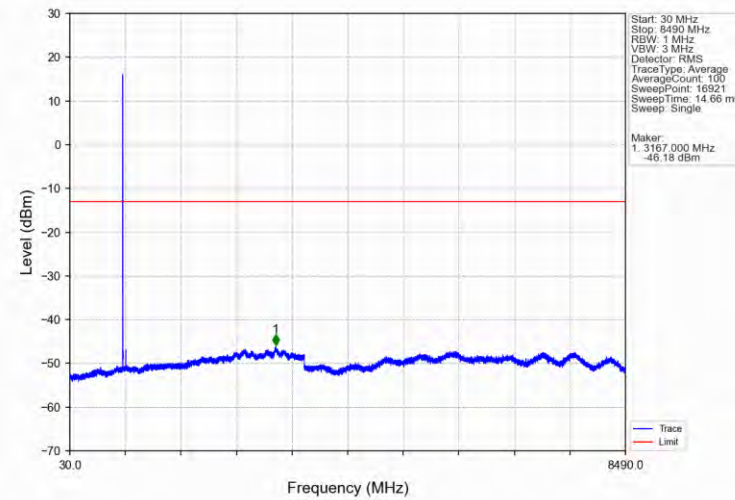
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



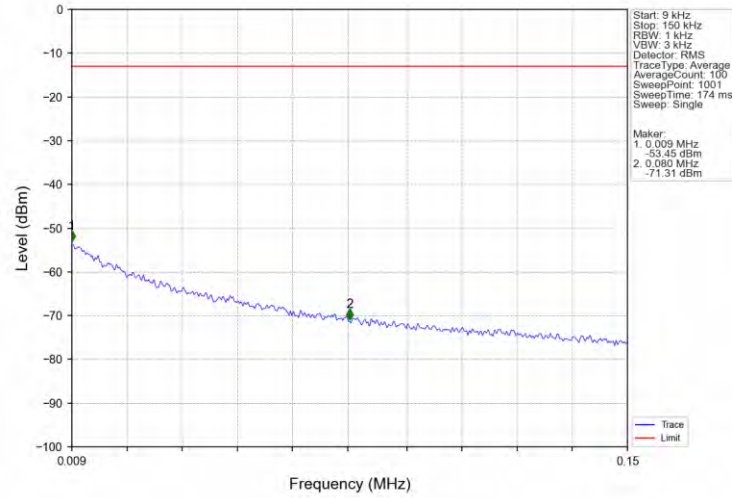
## Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



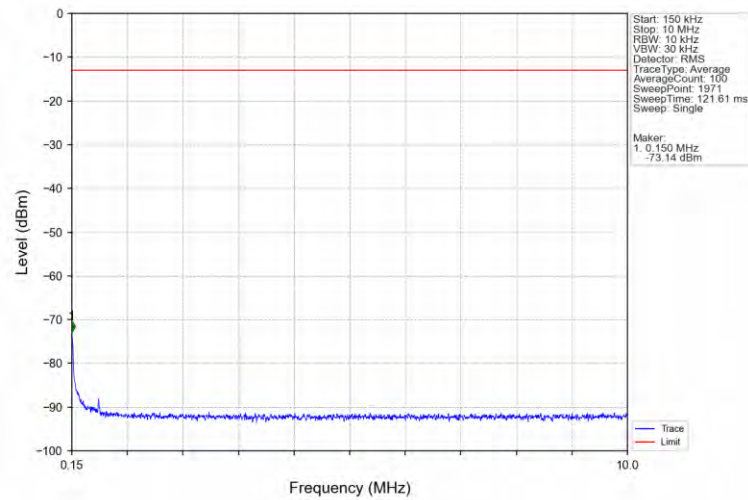
## Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

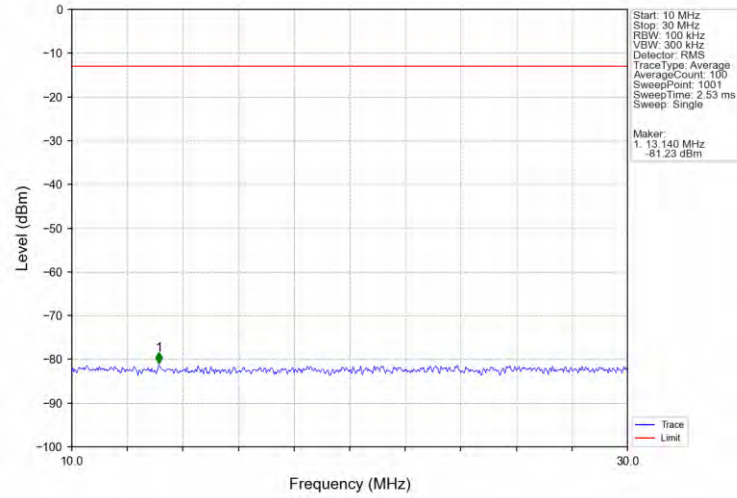


## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

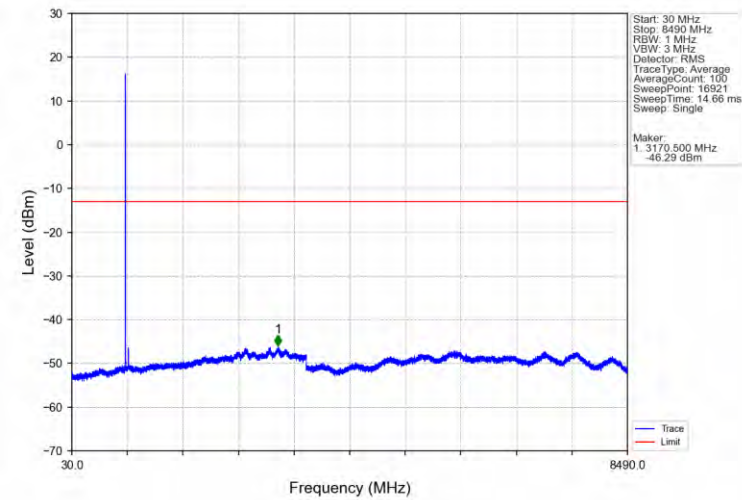


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### Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV

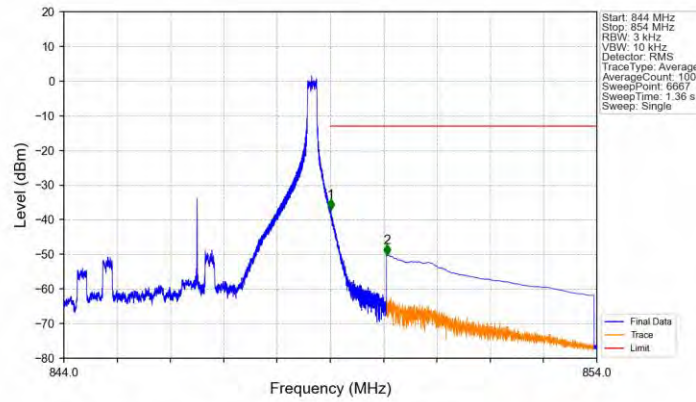


### Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_0\_NTNV



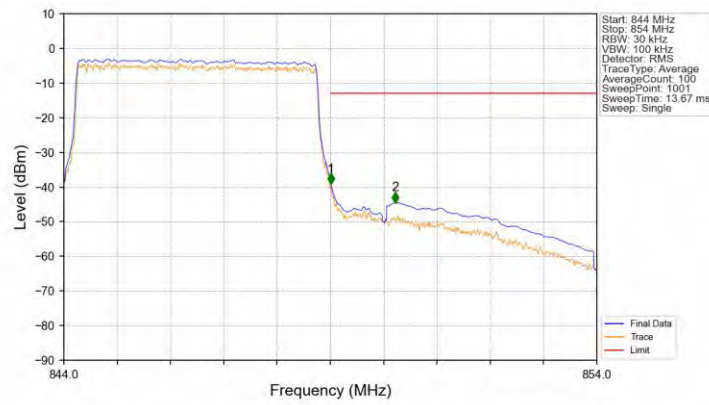
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## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



| 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          | 849.011    | -37.20      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.070    | -50.18      | -13         | Pass   |

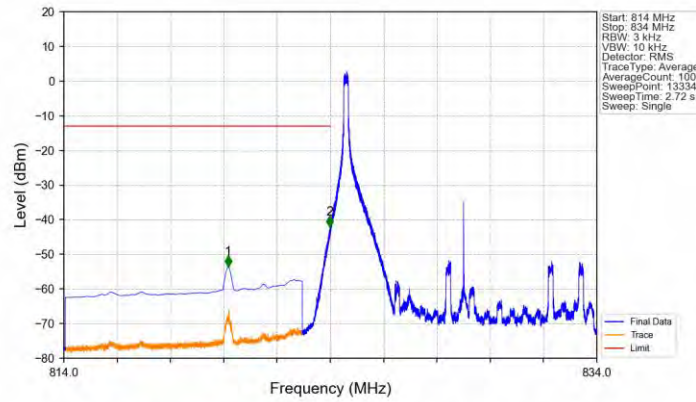
## Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



| 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    | -39.13      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.220    | -44.50      | -13         | Pass   |

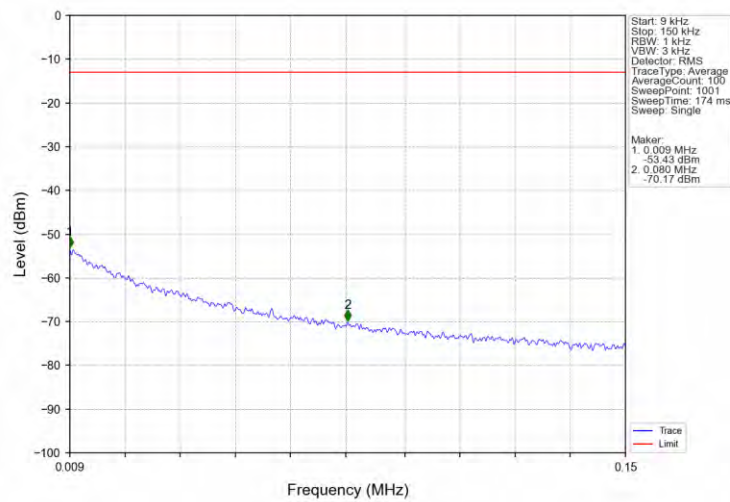
## 6.2.4 B5\_10MHz

Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV



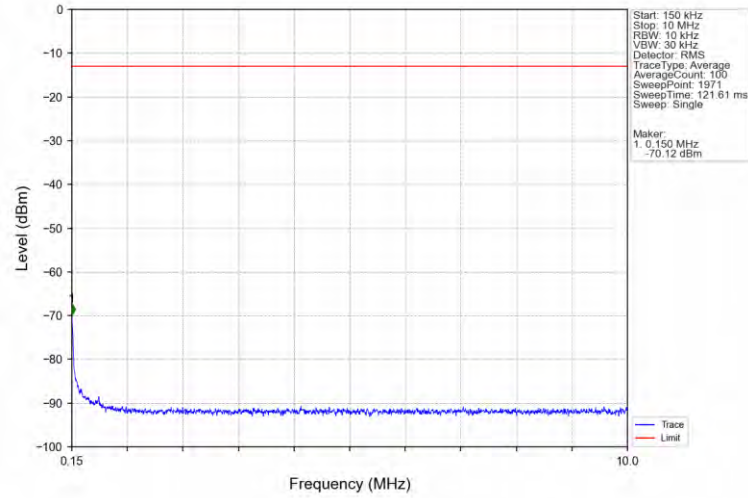
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | CHP    | 1          | 820.164    | -53.62      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.987    | -42.07      | -13         | Pass   |
| 824         | 834        | 0.003     | /      | /          | /          | /           | /           | /      |

Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV

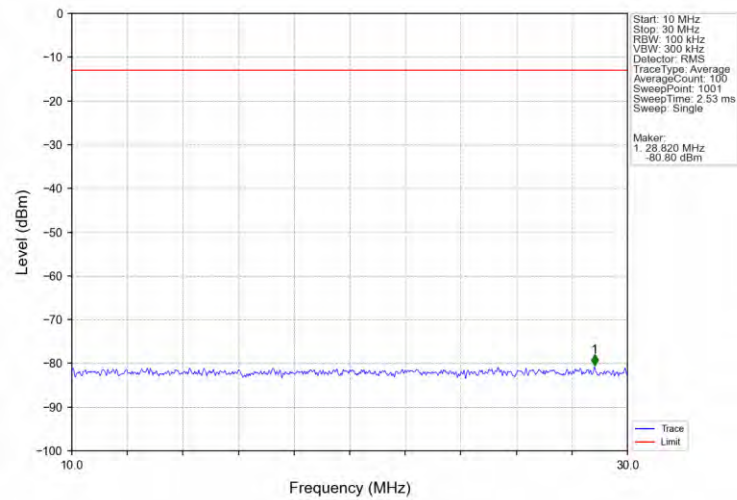


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### Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV

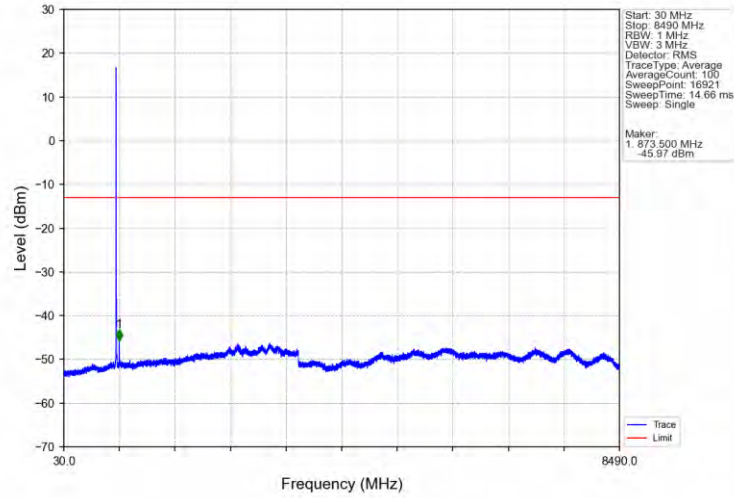


### Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0\_NTNV

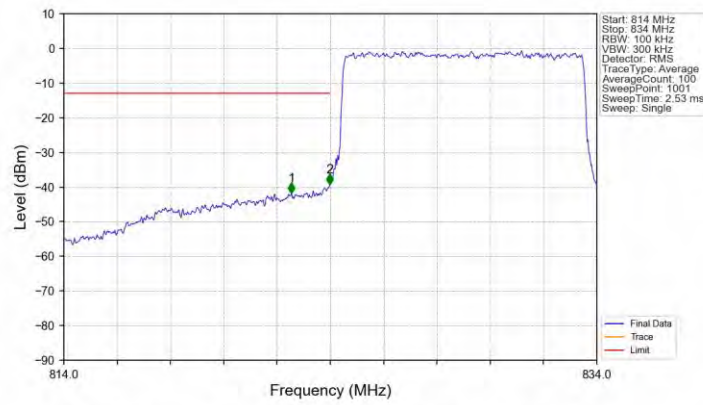


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## Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_1\_0 NTN



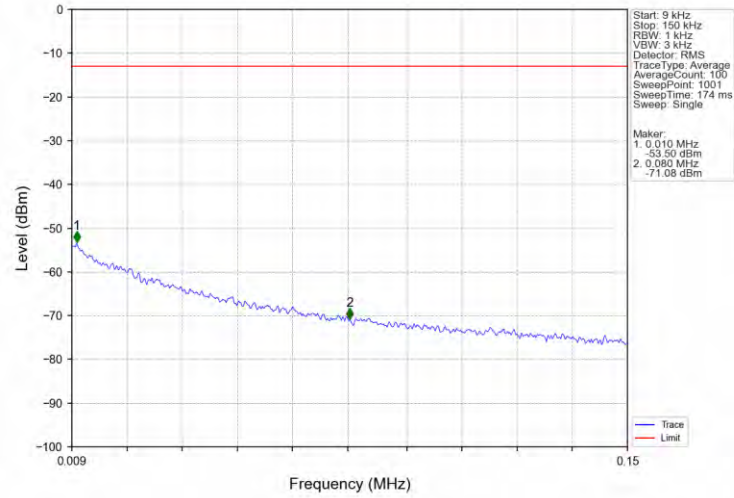
## Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0 NTN



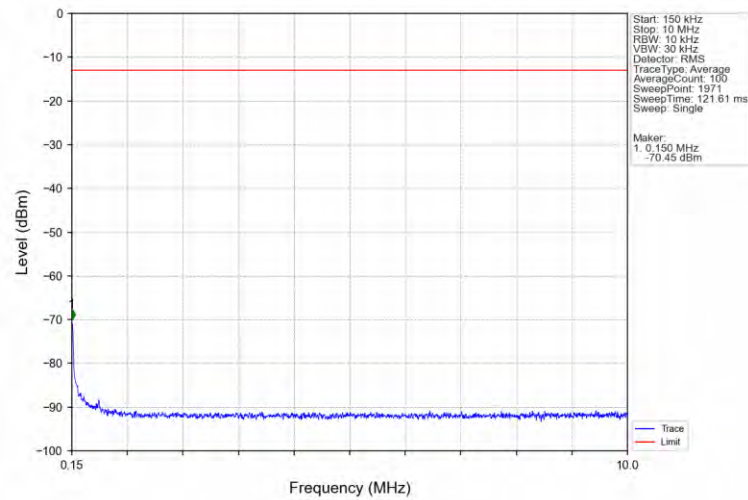
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | /      | 1          | 822.540    | -41.89      | -13         | Pass   |
| 823         | 824        | 0.1       | /      | 2          | 823.980    | -39.24      | -13         | Pass   |
| 824         | 834        | 0.1       | /      | /          | /          | /           | /           | /      |

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### Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

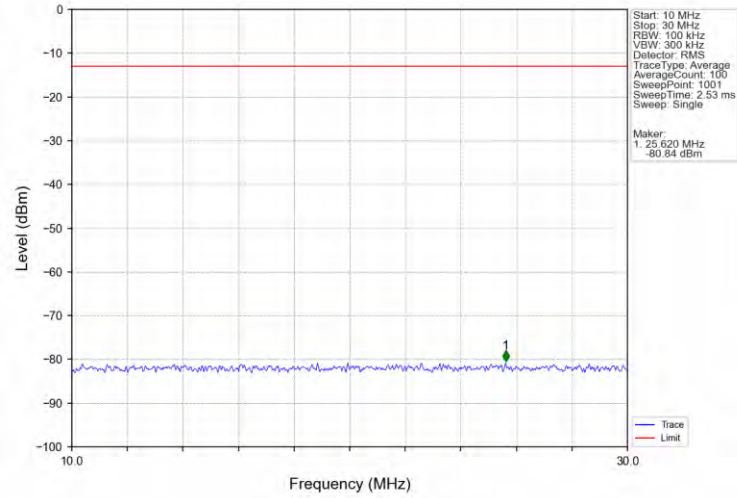


### Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

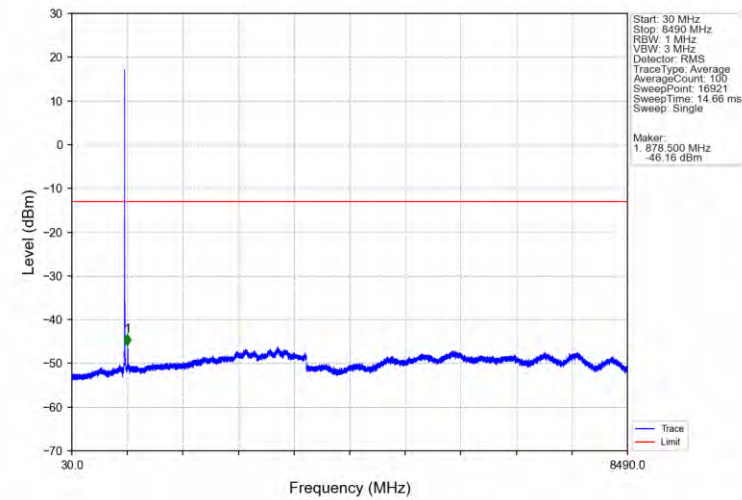


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### Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

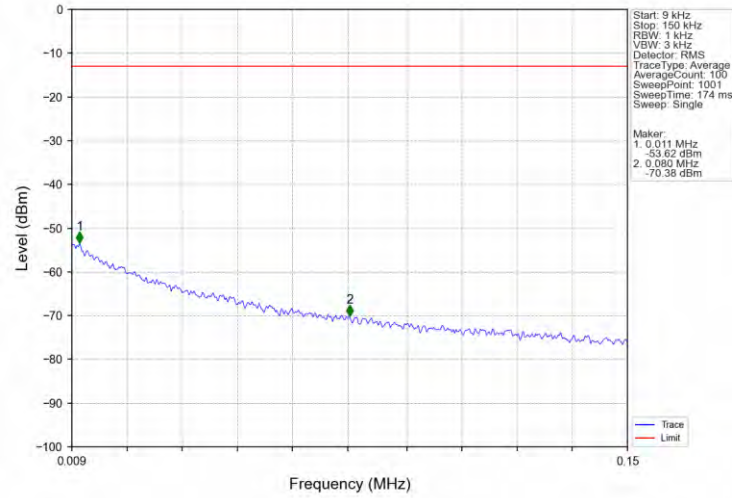


### Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

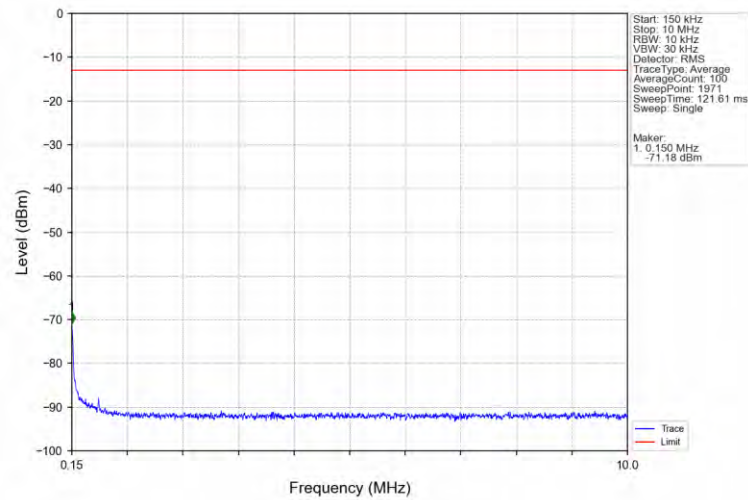


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### Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV

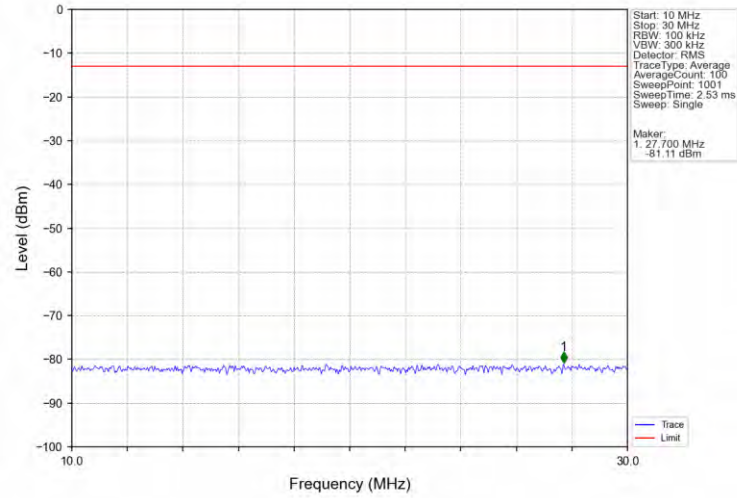


### Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV

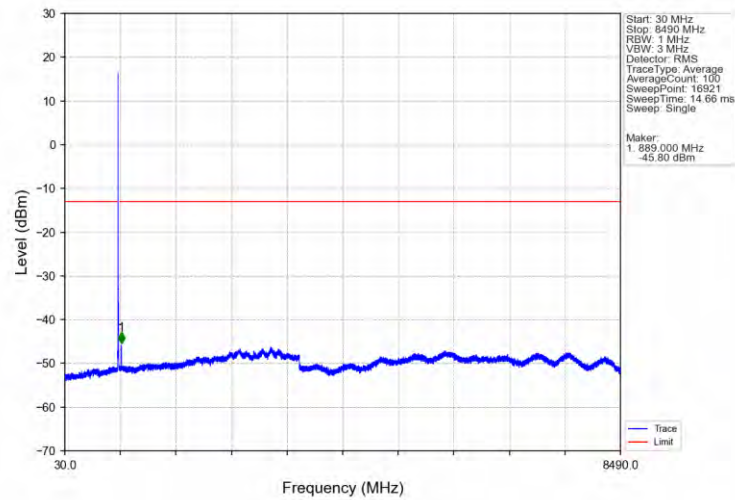


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## Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV

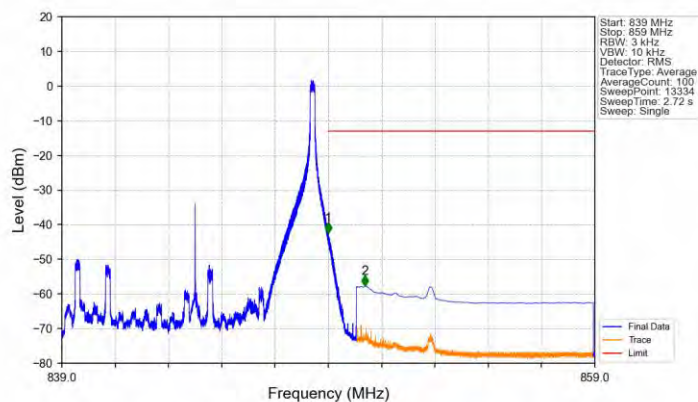


## Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_0\_NTNV



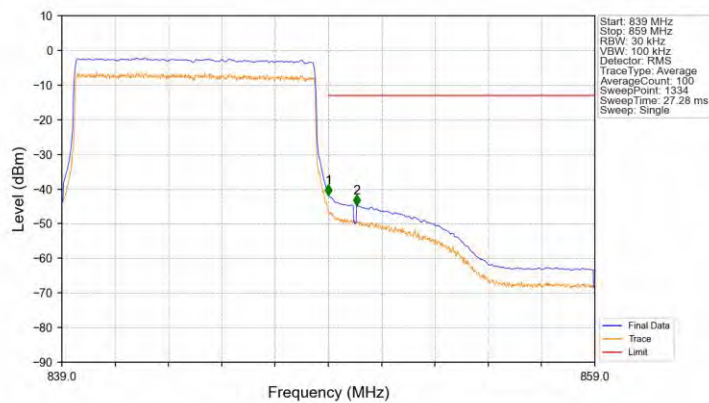
240930017FW6

### 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          | 849.001    | -42.37      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 850.367    | -57.71      | -13         | Pass   |

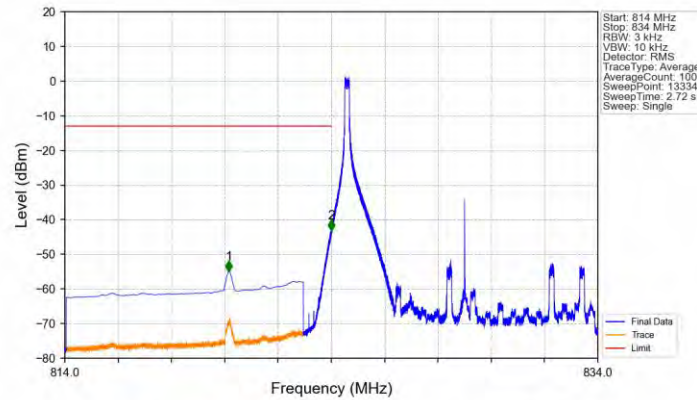
### Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.099     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.099     | CHP    | 1          | 849.008    | -41.84      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 850.073    | -44.83      | -13         | Pass   |

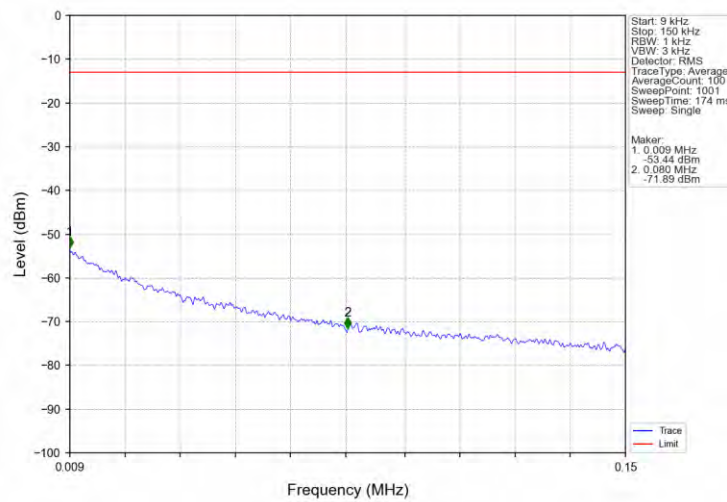
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## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



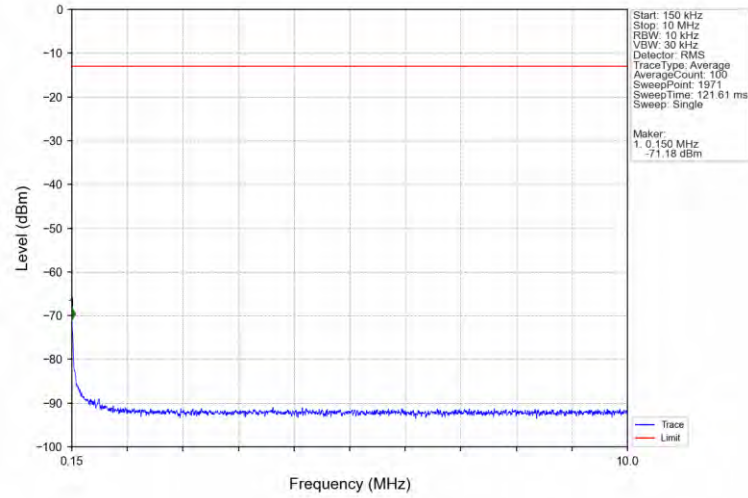
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | CHP    | 1          | 820.156    | -54.94      | -13         | Pass   |
| 823         | 824        | 0.003     | /      | 2          | 823.999    | -43.20      | -13         | Pass   |
| 824         | 834        | 0.003     | /      | /          | /          | /           | /           | /      |

## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

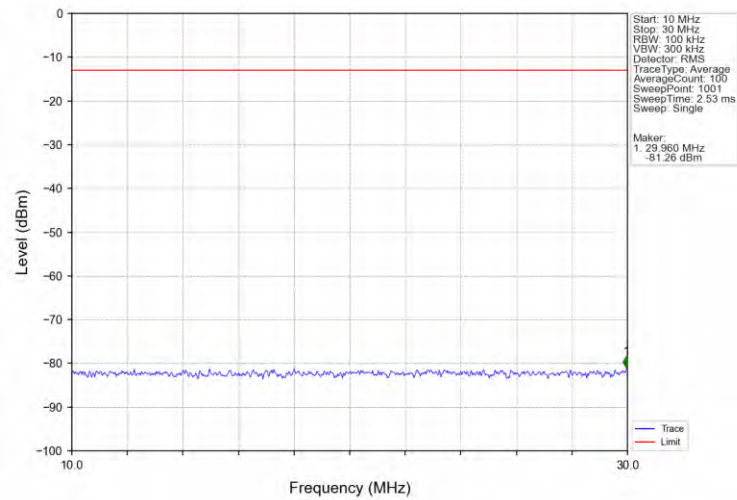


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### Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

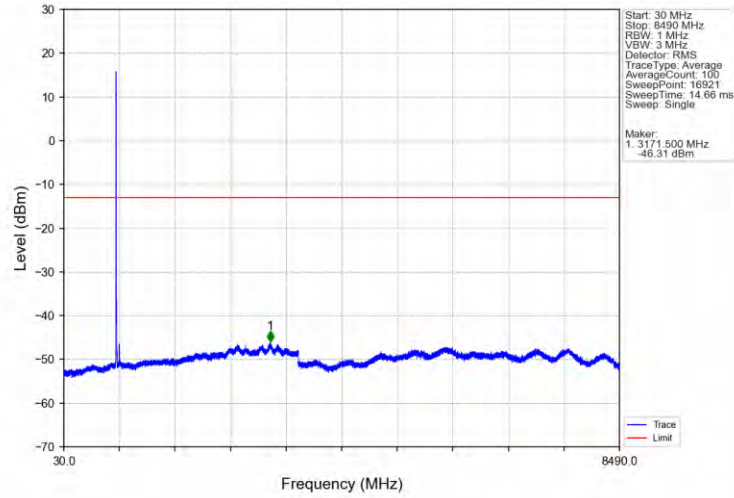


### Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV

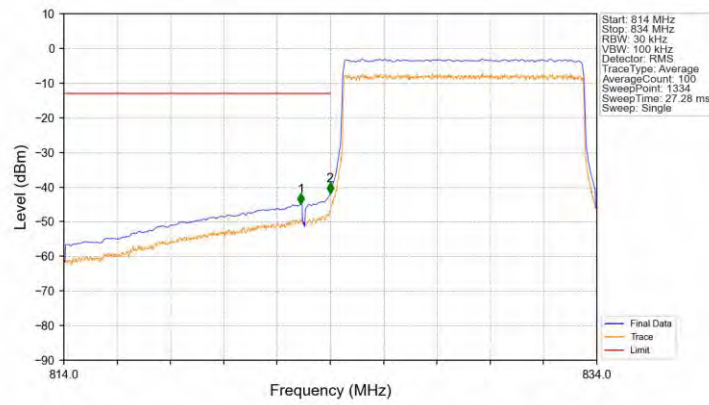


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## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



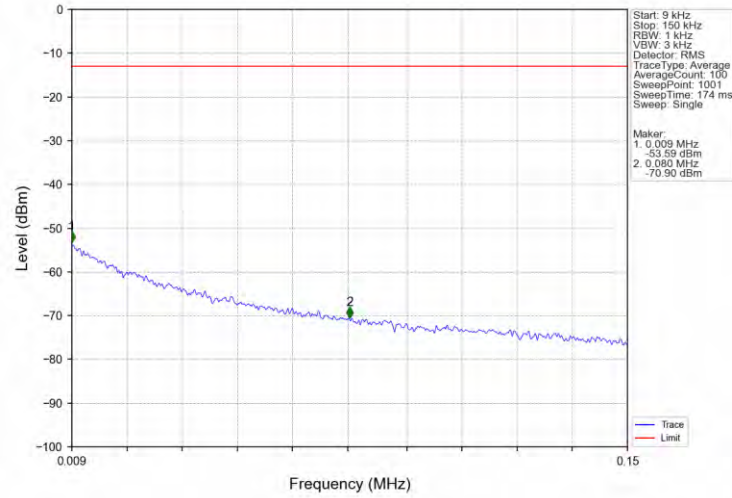
## Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



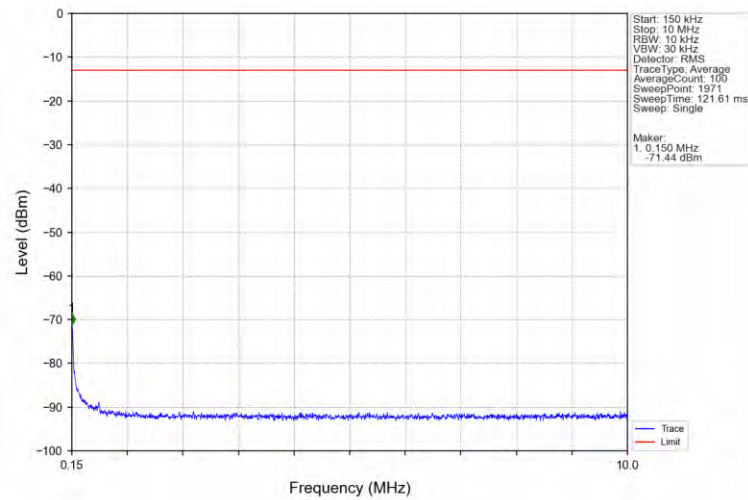
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | CHP    | 1          | 822.897    | -44.92      | -13         | Pass   |
| 823         | 824        | 0.099     | CHP    | 2          | 823.992    | -41.84      | -13         | Pass   |
| 824         | 834        | 0.099     | CHP    | /          | /          | /           | /           | /      |

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## Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

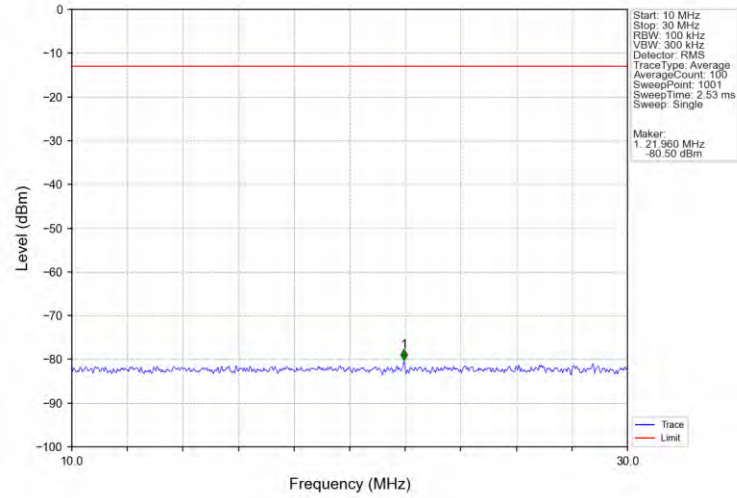


## Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

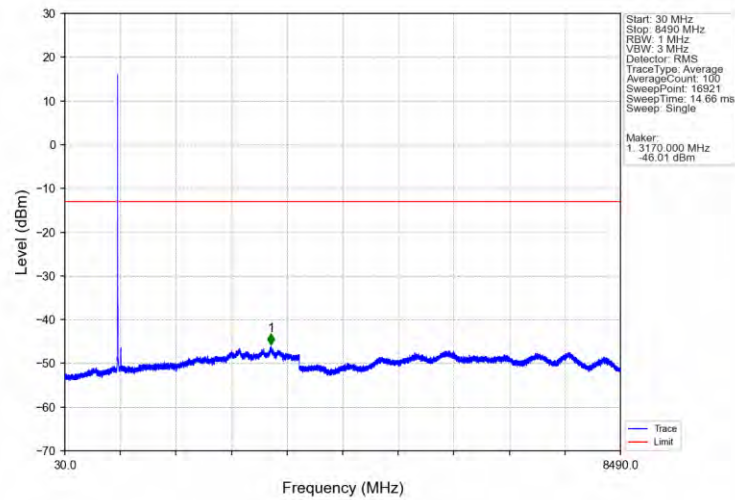


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## Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

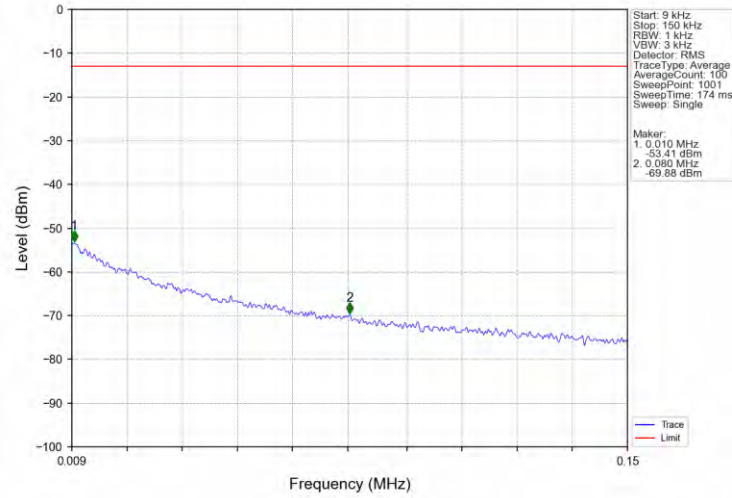


## Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

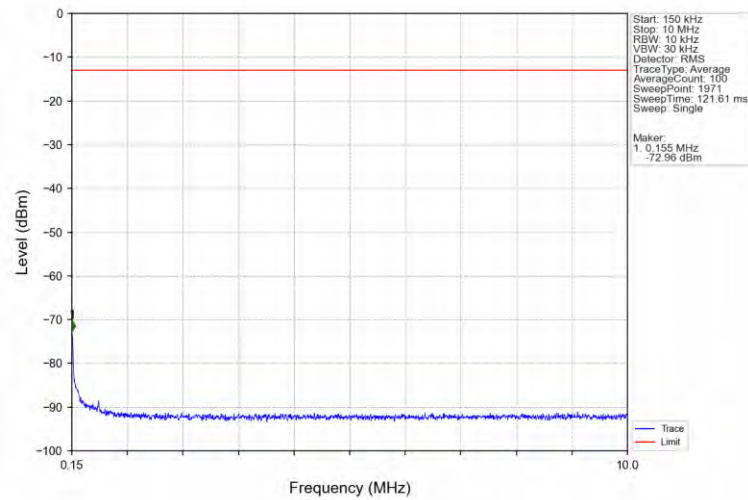


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## Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

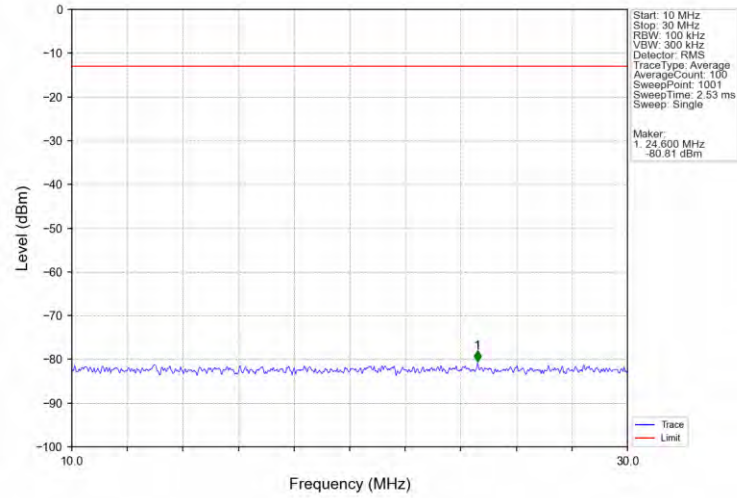


## Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

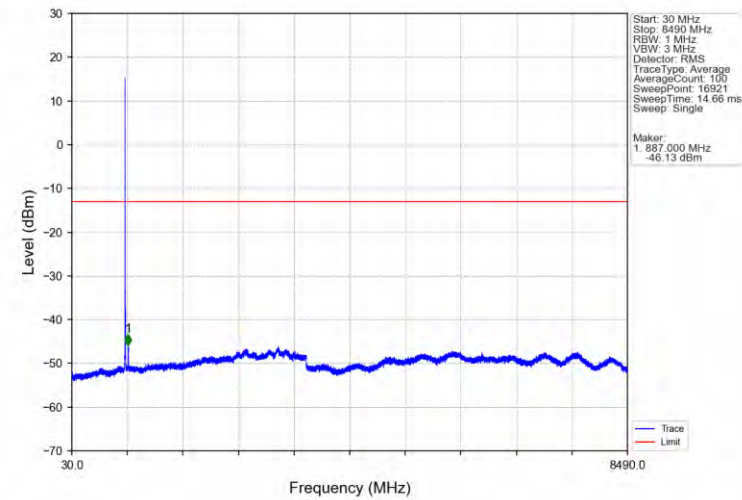


240930017FW6

### Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV

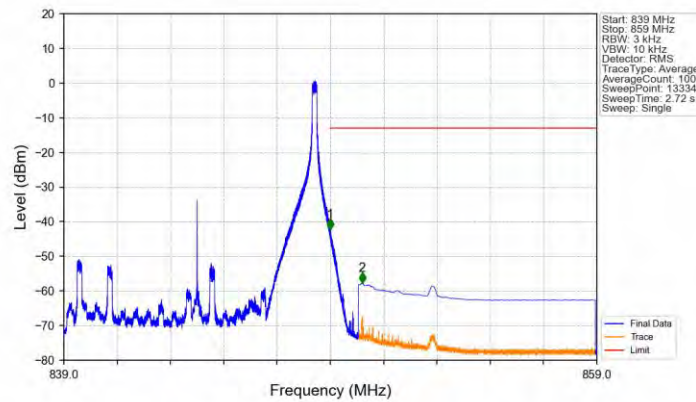


### Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_0\_NTNV



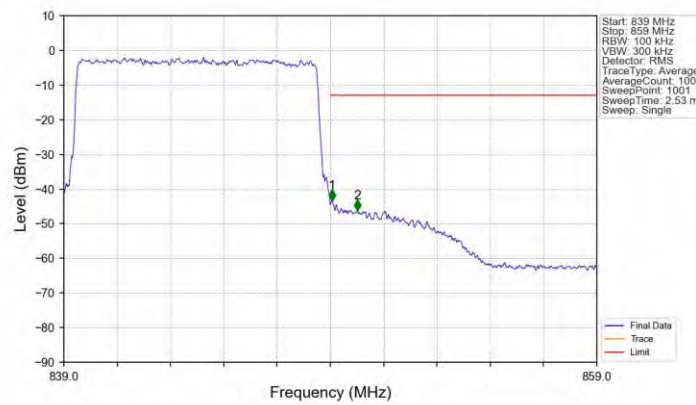
240930017FW6

### 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          | 849.001    | -42.21      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 850.196    | -57.80      | -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          | 849.060    | -43.33      | -13         | Pass   |
| 850         | 859        | 0.1       | /      | 2          | 850.020    | -46.19      | -13         | Pass   |

## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 5    | 1.4 | 824.7      | 848.3     | 0.2649        | 0.0103 | ppm    | 1M12G7D             | 22H        | 24.23           |
| 5    | 1.4 | 824.7      | 848.3     | 0.2153        | 0.0110 | ppm    | 1M13W7D             | 22H        | 23.33           |
| 5    | 3   | 825.5      | 847.5     | 0.2377        | 0.0102 | ppm    | 2M74G7D             | 22H        | 23.76           |
| 5    | 3   | 825.5      | 847.5     | 0.2099        | 0.0085 | ppm    | 2M73W7D             | 22H        | 23.22           |
| 5    | 5   | 826.5      | 846.5     | 0.2443        | 0.0087 | ppm    | 4M55G7D             | 22H        | 23.88           |
| 5    | 5   | 826.5      | 846.5     | 0.1941        | 0.0078 | ppm    | 4M57W7D             | 22H        | 22.88           |
| 5    | 10  | 829        | 844       | 0.2350        | 0.0058 | ppm    | 9M05G7D             | 22H        | 23.71           |
| 5    | 10  | 829        | 844       | 0.2089        | 0.0071 | ppm    | 9M05W7D             | 22H        | 23.20           |

#### 7.1.2 Form731\_ERP

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 5    | 1.4 | 824.7      | 848.3     | 0.0908        | 0.0103 | ppm    | 1M12G7D             | 22H        | 19.58           |
| 5    | 1.4 | 824.7      | 848.3     | 0.0738        | 0.0110 | ppm    | 1M13W7D             | 22H        | 18.68           |
| 5    | 3   | 825.5      | 847.5     | 0.0815        | 0.0102 | ppm    | 2M74G7D             | 22H        | 19.11           |
| 5    | 3   | 825.5      | 847.5     | 0.0719        | 0.0085 | ppm    | 2M73W7D             | 22H        | 18.57           |
| 5    | 5   | 826.5      | 846.5     | 0.0838        | 0.0087 | ppm    | 4M55G7D             | 22H        | 19.23           |
| 5    | 5   | 826.5      | 846.5     | 0.0665        | 0.0078 | ppm    | 4M57W7D             | 22H        | 18.23           |
| 5    | 10  | 829        | 844       | 0.0805        | 0.0058 | ppm    | 9M05G7D             | 22H        | 19.06           |
| 5    | 10  | 829        | 844       | 0.0716        | 0.0071 | ppm    | 9M05W7D             | 22H        | 18.55           |