

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

### 1.1 Test Result

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

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 824.7           | 1             | 0      | 24.56                 | -3.63      | 18.78     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.56                 | -3.63      | 18.78     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.54                 | -3.63      | 18.76     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.53                 | -3.63      | 18.75     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.53                 | -3.63      | 18.75     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.44                 | -3.63      | 18.66     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.48                 | -3.63      | 17.70     | <=38.45 | Pass    |
|                                    | 836.5           | 1             | 0      | 24.42                 | -3.63      | 18.64     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.32                 | -3.63      | 18.54     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.35                 | -3.63      | 18.57     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.01                 | -3.63      | 18.23     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.20                 | -3.63      | 18.42     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.27                 | -3.63      | 18.49     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.24                 | -3.63      | 17.46     | <=38.45 | Pass    |
|                                    | 848.3           | 1             | 0      | 24.29                 | -3.63      | 18.51     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.37                 | -3.63      | 18.59     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.32                 | -3.63      | 18.54     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.31                 | -3.63      | 18.53     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.42                 | -3.63      | 18.64     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.39                 | -3.63      | 18.61     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.27                 | -3.63      | 17.49     | <=38.45 | Pass    |
| 16QAM                              | 824.7           | 1             | 0      | 23.20                 | -3.63      | 17.42     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.32                 | -3.63      | 17.54     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.26                 | -3.63      | 17.48     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 23.22                 | -3.63      | 17.44     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.21                 | -3.63      | 17.43     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 23.17                 | -3.63      | 17.39     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.60                 | -3.63      | 16.82     | <=38.45 | Pass    |
|                                    | 836.5           | 1             | 0      | 23.22                 | -3.63      | 17.44     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.23                 | -3.63      | 17.45     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.31                 | -3.63      | 17.53     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 23.15                 | -3.63      | 17.37     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.13                 | -3.63      | 17.35     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 23.19                 | -3.63      | 17.41     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.36                 | -3.63      | 16.58     | <=38.45 | Pass    |
|                                    | 848.3           | 1             | 0      | 23.35                 | -3.63      | 17.57     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.46                 | -3.63      | 17.68     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.43                 | -3.63      | 17.65     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 22.88                 | -3.63      | 17.10     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.91                 | -3.63      | 17.13     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 22.84                 | -3.63      | 17.06     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.80                 | -3.63      | 17.02     | <=38.45 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

| Band: 5 / Bandwidth: 3MHz / NTNV |                                              |               |        |                       |            |           |         |         |         |      |
|----------------------------------|----------------------------------------------|---------------|--------|-----------------------|------------|-----------|---------|---------|---------|------|
| Modulation                       | Frequency (MHz)                              | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |         |      |
|                                  |                                              | Size          | Offset |                       |            | Result    | Limit   |         |         |      |
| QPSK                             | 825.5                                        | 1             | 0      | 24.48                 | -3.63      | 18.70     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 24.46                 | -3.63      | 18.68     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 14     | 24.44                 | -3.63      | 18.66     | <=38.45 | Pass    |         |      |
|                                  |                                              | 8             | 0      | 23.60                 | -3.63      | 17.82     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 4      | 23.58                 | -3.63      | 17.80     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.39                 | -3.63      | 17.61     | <=38.45 | Pass    |         |      |
|                                  |                                              | 15            | 0      | 23.42                 | -3.63      | 17.64     | <=38.45 | Pass    |         |      |
|                                  |                                              | 836.5         | 1      | 0                     | 24.40      | -3.63     | 18.62   | <=38.45 | Pass    |      |
|                                  |                                              |               |        | 7                     | 24.33      | -3.63     | 18.55   | <=38.45 | Pass    |      |
|                                  | 14                                           |               |        | 24.33                 | -3.63      | 18.55     | <=38.45 | Pass    |         |      |
|                                  | 8                                            |               | 0      | 23.36                 | -3.63      | 17.58     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 4      | 23.20                 | -3.63      | 17.42     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.37                 | -3.63      | 17.59     | <=38.45 | Pass    |         |      |
|                                  | 15                                           | 0             | 23.23  | -3.63                 | 17.45      | <=38.45   | Pass    |         |         |      |
|                                  | 847.5                                        | 1             | 0      | 24.46                 | -3.63      | 18.68     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 24.45                 | -3.63      | 18.67     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 14     | 24.43                 | -3.63      | 18.65     | <=38.45 | Pass    |         |      |
|                                  |                                              | 8             | 0      | 23.32                 | -3.63      | 17.54     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 4      | 23.28                 | -3.63      | 17.50     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.27                 | -3.63      | 17.49     | <=38.45 | Pass    |         |      |
|                                  |                                              | 15            | 0      | 23.27                 | -3.63      | 17.49     | <=38.45 | Pass    |         |      |
|                                  |                                              | 16QAM         | 825.5  | 1                     | 0          | 22.98     | -3.63   | 17.20   | <=38.45 | Pass |
|                                  |                                              |               |        |                       | 7          | 22.99     | -3.63   | 17.21   | <=38.45 | Pass |
|                                  | 14                                           |               |        |                       | 22.95      | -3.63     | 17.17   | <=38.45 | Pass    |      |
| 8                                | 0                                            |               |        | 22.56                 | -3.63      | 16.78     | <=38.45 | Pass    |         |      |
|                                  | 4                                            |               |        | 22.54                 | -3.63      | 16.76     | <=38.45 | Pass    |         |      |
|                                  | 7                                            |               |        | 22.98                 | -3.63      | 17.20     | <=38.45 | Pass    |         |      |
| 15                               | 0                                            |               |        | 22.42                 | -3.63      | 16.64     | <=38.45 | Pass    |         |      |
| 836.5                            | 1                                            |               |        | 0                     | 23.08      | -3.63     | 17.30   | <=38.45 | Pass    |      |
|                                  |                                              |               |        | 7                     | 23.15      | -3.63     | 17.37   | <=38.45 | Pass    |      |
|                                  |                                              |               | 14     | 23.18                 | -3.63      | 17.40     | <=38.45 | Pass    |         |      |
|                                  | 8                                            |               | 0      | 23.03                 | -3.63      | 17.25     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 4      | 22.63                 | -3.63      | 16.85     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 22.58                 | -3.63      | 16.80     | <=38.45 | Pass    |         |      |
| 15                               | 0                                            |               | 22.41  | -3.63                 | 16.63      | <=38.45   | Pass    |         |         |      |
| 847.5                            | 1                                            |               | 0      | 23.51                 | -3.63      | 17.73     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.51                 | -3.63      | 17.73     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 14     | 23.43                 | -3.63      | 17.65     | <=38.45 | Pass    |         |      |
|                                  | 8                                            |               | 0      | 22.34                 | -3.63      | 16.56     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 4      | 22.31                 | -3.63      | 16.53     | <=38.45 | Pass    |         |      |
|                                  |                                              |               | 7      | 22.78                 | -3.63      | 17.00     | <=38.45 | Pass    |         |      |
|                                  | 15                                           |               | 0      | 22.39                 | -3.63      | 16.61     | <=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      | 24.43                 | -3.63      | 18.65     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 24.40                 | -3.63      | 18.62     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 24.41                 | -3.63      | 18.63     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 23.48                 | -3.63      | 17.70     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.44                 | -3.63      | 17.66     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.43                 | -3.63      | 17.65     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.40                 | -3.63      | 17.62     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 24.31                 | -3.63      | 18.53     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 24.10                 | -3.63      | 18.32     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 24     | 24.25                 | -3.63      | 18.47     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.39                 | -3.63      | 17.61     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.33                 | -3.63      | 17.55     | <=38.45 | Pass    |
|                                  |                 | 12            | 13     | 23.32                 | -3.63      | 17.54     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.34                 | -3.63      | 17.56     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 24.27                 | -3.63      | 18.49     | <=38.45 | Pass    |
|                                  |                 | 25            | 13     | 24.32                 | -3.63      | 18.54     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 24.31                 | -3.63      | 18.53     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.44                 | -3.63      | 17.66     | <=38.45 | Pass    |
|                                  | 846.5           | 12            | 6      | 23.34                 | -3.63      | 17.56     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.38                 | -3.63      | 17.60     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.39                 | -3.63      | 17.61     | <=38.45 | Pass    |
| 16QAM                            | 826.5           | 1             | 0      | 23.02                 | -3.63      | 17.24     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.97                 | -3.63      | 17.19     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.01                 | -3.63      | 17.23     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 22.43                 | -3.63      | 16.65     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 22.93                 | -3.63      | 17.15     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.91                 | -3.63      | 17.13     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 22.92                 | -3.63      | 17.14     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.28                 | -3.63      | 17.50     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.23                 | -3.63      | 17.45     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 24     | 23.28                 | -3.63      | 17.50     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.97                 | -3.63      | 17.19     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 22.48                 | -3.63      | 16.70     | <=38.45 | Pass    |
|                                  |                 | 12            | 13     | 22.52                 | -3.63      | 16.74     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.60                 | -3.63      | 16.82     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.40                 | -3.63      | 17.62     | <=38.45 | Pass    |
|                                  |                 | 25            | 13     | 23.42                 | -3.63      | 17.64     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.40                 | -3.63      | 17.62     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.19                 | -3.63      | 16.41     | <=38.45 | Pass    |
|                                  | 846.5           | 12            | 6      | 22.25                 | -3.63      | 16.47     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.24                 | -3.63      | 16.46     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.26                 | -3.63      | 16.48     | <=38.45 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.4 B5\_10MHz\_ERP

| Band: 5 / Bandwidth: 10MHz / NTN |                 |               |        |                       |            |           |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                             | 829             | 1             | 0      | 24.55                 | -3.63      | 18.77     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 24.55                 | -3.63      | 18.77     | <=38.45 | Pass    |
|                                  |                 |               | 49     | 24.50                 | -3.63      | 18.72     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.45                 | -3.63      | 17.67     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.50                 | -3.63      | 17.72     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 23.83                 | -3.63      | 18.05     | <=38.45 | Pass    |
|                                  |                 | 50            | 0      | 23.54                 | -3.63      | 17.76     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 24.34                 | -3.63      | 18.56     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 24.18                 | -3.63      | 18.40     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 49     | 24.41                 | -3.63      | 18.63     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.39                 | -3.63      | 17.61     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.31                 | -3.63      | 17.53     | <=38.45 | Pass    |
|                                  |                 | 25            | 25     | 23.33                 | -3.63      | 17.55     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.37                 | -3.63      | 17.59     | <=38.45 | Pass    |
|                                  |                 | 50            | 0      | 24.33                 | -3.63      | 18.55     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 24.30                 | -3.63      | 18.52     | <=38.45 | Pass    |
|                                  |                 |               | 49     | 24.38                 | -3.63      | 18.60     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.41                 | -3.63      | 17.63     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.39                 | -3.63      | 17.61     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 23.37                 | -3.63      | 17.59     | <=38.45 | Pass    |
|                                  | 844             | 1             | 0      | 23.34                 | -3.63      | 17.56     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.29                 | -3.63      | 17.51     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 23.21                 | -3.63      | 17.43     | <=38.45 | Pass    |
|                                  |                 | 25            | 49     | 23.14                 | -3.63      | 17.36     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.82                 | -3.63      | 17.04     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.48                 | -3.63      | 16.70     | <=38.45 | Pass    |
|                                  |                 | 50            | 25     | 22.77                 | -3.63      | 16.99     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.43                 | -3.63      | 16.65     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.89                 | -3.63      | 18.11     | <=38.45 | Pass    |
| 16QAM                            | 829             | 1             | 25     | 23.46                 | -3.63      | 17.68     | <=38.45 | Pass    |
|                                  |                 |               | 49     | 23.58                 | -3.63      | 17.80     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 22.91                 | -3.63      | 17.13     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.48                 | -3.63      | 16.70     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 22.88                 | -3.63      | 17.10     | <=38.45 | Pass    |
|                                  |                 | 50            | 0      | 22.38                 | -3.63      | 16.60     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.77                 | -3.63      | 17.99     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 23.88                 | -3.63      | 18.10     | <=38.45 | Pass    |
|                                  |                 | 25            | 49     | 23.82                 | -3.63      | 18.04     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 0      | 22.40                 | -3.63      | 16.62     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.85                 | -3.63      | 17.07     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 22.37                 | -3.63      | 16.59     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 22.80                 | -3.63      | 17.02     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.77                 | -3.63      | 17.99     | <=38.45 | Pass    |
|                                  |                 |               | 25     | 23.88                 | -3.63      | 18.10     | <=38.45 | Pass    |
|                                  |                 | 50            | 49     | 23.82                 | -3.63      | 18.04     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.40                 | -3.63      | 16.62     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.85                 | -3.63      | 17.07     | <=38.45 | Pass    |
|                                  |                 | 25            | 25     | 22.37                 | -3.63      | 16.59     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 22.80                 | -3.63      | 17.02     | <=38.45 | Pass    |
|                                  |                 |               | 0      | 23.77                 | -3.63      | 17.99     | <=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          | -24.376          | -0.0296               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -21.257          | -0.0258               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -36.464          | -0.0442               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -16.336          | -0.0198               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -15.521          | -0.0188               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -38.366          | -0.0465               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -42.400          | -0.0514               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -36.335          | -0.0441               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -24.247          | -0.0294               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -7.753           | -0.0094               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -33.689          | -0.0409               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.27          | 20.227           | 0.0242                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 32.744           | 0.0391                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 20.571           | 0.0246                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 9.298            | 0.0111                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -1.459           | -0.0017               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -8.440           | -0.0101               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -9.499           | -0.0114               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -15.993          | -0.0191               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -17.109          | -0.0205               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -23.475          | -0.0281               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -25.692          | -0.0307               | -2.5 to 2.5 | Pass    |
|                             | 848.3           | 6             | 0      | 20         | 3.27          | 27.766           | 0.0327                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -8.540           | -0.0101               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -42.200          | -0.0497               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -44.975          | -0.0530               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -39.382          | -0.0464               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -17.781          | -0.0210               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -42.572          | -0.0502               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -12.631          | -0.0149               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -32.845          | -0.0387               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 824.7           | 6             | 0      | 20         | 3.27          | -6.623           | -0.0080               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -6.180           | -0.0075               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -3.462           | -0.0042               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -3.390           | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -7.567           | -0.0092               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -13.061          | -0.0158               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -19.097          | -0.0232               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -22.917          | -0.0278               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -25.392          | -0.0308               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -34.561          | -0.0419               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -38.781          | -0.0470               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.27          | -29.883          | -0.0357               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -18.568          | -0.0222               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -6.123           | -0.0073               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 5.107            | 0.0061                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 10.486           | 0.0125                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 14.420           | 0.0172                | -2.5 to 2.5 | Pass    |

|  |       |   |   |     |      |         |         |             |      |
|--|-------|---|---|-----|------|---------|---------|-------------|------|
|  |       |   |   | 0   | 3.85 | 19.240  | 0.0230  | -2.5 to 2.5 | Pass |
|  |       |   |   | 10  | 3.85 | 19.212  | 0.0230  | -2.5 to 2.5 | Pass |
|  |       |   |   | 30  | 3.85 | 19.913  | 0.0238  | -2.5 to 2.5 | Pass |
|  |       |   |   | 40  | 3.85 | 20.256  | 0.0242  | -2.5 to 2.5 | Pass |
|  |       |   |   | 50  | 3.85 | 25.392  | 0.0304  | -2.5 to 2.5 | Pass |
|  | 848.3 | 6 | 0 | 20  | 3.27 | -16.623 | -0.0196 | -2.5 to 2.5 | Pass |
|  |       |   |   |     | 3.85 | -13.633 | -0.0161 | -2.5 to 2.5 | Pass |
|  |       |   |   |     | 4.43 | -13.061 | -0.0154 | -2.5 to 2.5 | Pass |
|  |       |   |   | -30 | 3.85 | -13.876 | -0.0164 | -2.5 to 2.5 | Pass |
|  |       |   |   | -20 | 3.85 | -12.975 | -0.0153 | -2.5 to 2.5 | Pass |
|  |       |   |   | -10 | 3.85 | -13.175 | -0.0155 | -2.5 to 2.5 | Pass |
|  |       |   |   | 0   | 3.85 | -15.235 | -0.0180 | -2.5 to 2.5 | Pass |
|  |       |   |   | 10  | 3.85 | -18.868 | -0.0222 | -2.5 to 2.5 | Pass |
|  |       |   |   | 30  | 3.85 | -21.214 | -0.0250 | -2.5 to 2.5 | Pass |
|  |       |   |   | 40  | 3.85 | -24.877 | -0.0293 | -2.5 to 2.5 | Pass |
|  |       |   |   | 50  | 3.85 | -29.068 | -0.0343 | -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          | -1.760           | -0.0021               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -18.868          | -0.0229               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -7.524           | -0.0091               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -24.290          | -0.0294               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -21.486          | -0.0260               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -2.818           | -0.0034               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -25.592          | -0.0310               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -47.193          | -0.0572               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -21.229          | -0.0257               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -34.404          | -0.0417               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 15            | 0      | 20         | 3.27          | 19.884           | 0.0238                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 31.142           | 0.0372                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 30.556           | 0.0365                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | 33.646           | 0.0402                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | 35.491           | 0.0424                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | 30.355           | 0.0363                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | 25.492           | 0.0305                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 26.164           | 0.0313                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | 24.161           | 0.0289                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | 24.376           | 0.0291                | -2.5 to 2.5 | Pass    |
|                           | 847.5           | 15            | 0      | 20         | 3.27          | 40.598           | 0.0479                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -27.637          | -0.0326               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -2.017           | -0.0024               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -9.298           | -0.0110               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -45.576          | -0.0538               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -20.542          | -0.0242               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -43.230          | -0.0510               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -20.514          | -0.0242               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -36.507          | -0.0431               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -5.136           | -0.0061               | -2.5 to 2.5 | Pass    |
| 16QAM                     | 825.5           | 15            | 0      | 20         | 3.27          | -0.343           | -0.0004               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 17.581           | 0.0213                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 29.826           | 0.0361                | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |         |         |             |      |
|--|-------|----|---|-----|------|---------|---------|-------------|------|
|  |       |    |   | -30 | 3.85 | 38.738  | 0.0469  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | -2.804  | -0.0034 | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | 2.031   | 0.0025  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | 2.847   | 0.0034  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | 4.907   | 0.0059  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | 5.379   | 0.0065  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | 4.263   | 0.0052  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 3.777   | 0.0046  | -2.5 to 2.5 | Pass |
|  | 836.5 | 15 | 0 | 20  | 3.27 | 29.254  | 0.0350  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | 2.146   | 0.0026  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | 18.926  | 0.0226  | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | 30.985  | 0.0370  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | 40.426  | 0.0483  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | -0.429  | -0.0005 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | 6.194   | 0.0074  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | 12.202  | 0.0146  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | 17.724  | 0.0212  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | 21.315  | 0.0255  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 26.522  | 0.0317  | -2.5 to 2.5 | Pass |
|  | 847.5 | 15 | 0 | 20  | 3.27 | -21.987 | -0.0259 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.85 | -5.550  | -0.0065 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.43 | 8.969   | 0.0106  | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.85 | 16.150  | 0.0191  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.85 | 22.917  | 0.0270  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.85 | 24.261  | 0.0286  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.85 | 22.531  | 0.0266  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.85 | 21.615  | 0.0255  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.85 | 24.233  | 0.0286  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.85 | 25.034  | 0.0295  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.85 | 27.823  | 0.0328  | -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          | 17.266           | 0.0209                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -29.669          | -0.0359               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -29.268          | -0.0354               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -23.589          | -0.0285               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -18.926          | -0.0229               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -7.453           | -0.0090               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -33.059          | -0.0400               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -8.211           | -0.0099               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -24.376          | -0.0295               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -40.054          | -0.0485               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -8.039           | -0.0097               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.27          | 25.148           | 0.0301                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 39.525           | 0.0473                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 34.947           | 0.0418                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | 31.714           | 0.0379                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | 29.368           | 0.0351                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | 29.097           | 0.0348                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | 26.064           | 0.0312                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 25.120           | 0.0300                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | 24.934           | 0.0298                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | 24.161           | 0.0289                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | 25.077           | 0.0300                | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       | 846.5 | 25 | 0 | 20  | 3.27 | -1.073  | -0.0013 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -14.591 | -0.0172 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -24.991 | -0.0295 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -35.777 | -0.0423 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -19.941 | -0.0236 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -45.547 | -0.0538 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -10.443 | -0.0123 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -27.409 | -0.0324 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -38.738 | -0.0458 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -8.411  | -0.0099 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -18.668 | -0.0221 | -2.5 to 2.5 | Pass |
| 16QAM | 826.5 | 25 | 0 | 20  | 3.27 | -14.849 | -0.0180 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -9.770  | -0.0118 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -5.236  | -0.0063 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -3.018  | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -2.847  | -0.0034 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -0.730  | -0.0009 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -3.963  | -0.0048 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -2.332  | -0.0028 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -4.749  | -0.0057 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -5.436  | -0.0066 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -6.781  | -0.0082 | -2.5 to 2.5 | Pass |
|       | 836.5 | 25 | 0 | 20  | 3.27 | 29.383  | 0.0351  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 11.387  | 0.0136  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 11.973  | 0.0143  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 26.336  | 0.0315  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 37.508  | 0.0448  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 46.277  | 0.0553  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 10.915  | 0.0130  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 18.926  | 0.0226  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 24.104  | 0.0288  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 29.125  | 0.0348  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 34.018  | 0.0407  | -2.5 to 2.5 | Pass |
|       | 846.5 | 25 | 0 | 20  | 3.27 | -24.462 | -0.0289 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -9.627  | -0.0114 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 1.302   | 0.0015  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 12.074  | 0.0143  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 18.883  | 0.0223  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 23.618  | 0.0279  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 27.380  | 0.0323  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 33.803  | 0.0399  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 34.575  | 0.0408  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 37.036  | 0.0438  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 40.655  | 0.0480  | -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          | 0.701            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -27.924          | -0.0337               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -39.268          | -0.0474               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -40.870          | -0.0493               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -27.781          | -0.0335               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -43.273          | -0.0522               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -19.555          | -0.0236               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -28.768          | -0.0347               | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       |       |    |   | 30  | 3.85 | -38.180 | -0.0461 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -47.636 | -0.0575 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -6.609  | -0.0080 | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.27 | 11.916  | 0.0142  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -21.515 | -0.0257 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -31.900 | -0.0381 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -11.058 | -0.0132 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -23.260 | -0.0278 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -29.998 | -0.0359 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -33.817 | -0.0404 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -38.309 | -0.0458 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -44.446 | -0.0531 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -47.393 | -0.0567 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -5.980  | -0.0071 | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.27 | -18.725 | -0.0222 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | -37.651 | -0.0446 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | -20.356 | -0.0241 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | -3.304  | -0.0039 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | -34.575 | -0.0410 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | -9.441  | -0.0112 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | -26.736 | -0.0317 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | -41.928 | -0.0497 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | -0.873  | -0.0010 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | -9.370  | -0.0111 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | -16.494 | -0.0195 | -2.5 to 2.5 | Pass |
| 16QAM | 829   | 50 | 0 | 20  | 3.27 | 4.191   | 0.0051  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 32.744  | 0.0395  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 4.234   | 0.0051  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 17.309  | 0.0209  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 25.320  | 0.0305  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 31.958  | 0.0386  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 38.381  | 0.0463  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 6.123   | 0.0074  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 7.553   | 0.0091  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 6.924   | 0.0084  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 10.285  | 0.0124  | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.27 | 4.377   | 0.0052  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 30.627  | 0.0366  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 13.762  | 0.0165  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 17.524  | 0.0209  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 27.881  | 0.0333  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 35.548  | 0.0425  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 44.446  | 0.0531  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 8.039   | 0.0096  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 10.686  | 0.0128  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 13.890  | 0.0166  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 15.922  | 0.0190  | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.27 | -13.862 | -0.0164 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.85 | 2.804   | 0.0033  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.43 | 19.112  | 0.0226  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.85 | 27.037  | 0.0320  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.85 | 26.550  | 0.0315  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.85 | 27.037  | 0.0320  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.85 | 29.297  | 0.0347  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.85 | 31.843  | 0.0377  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.85 | 34.304  | 0.0406  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.85 | 31.571  | 0.0374  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.85 | 25.706  | 0.0305  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

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

| Band: 5 / Bandwidth: 1.4MHz / NTV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| 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

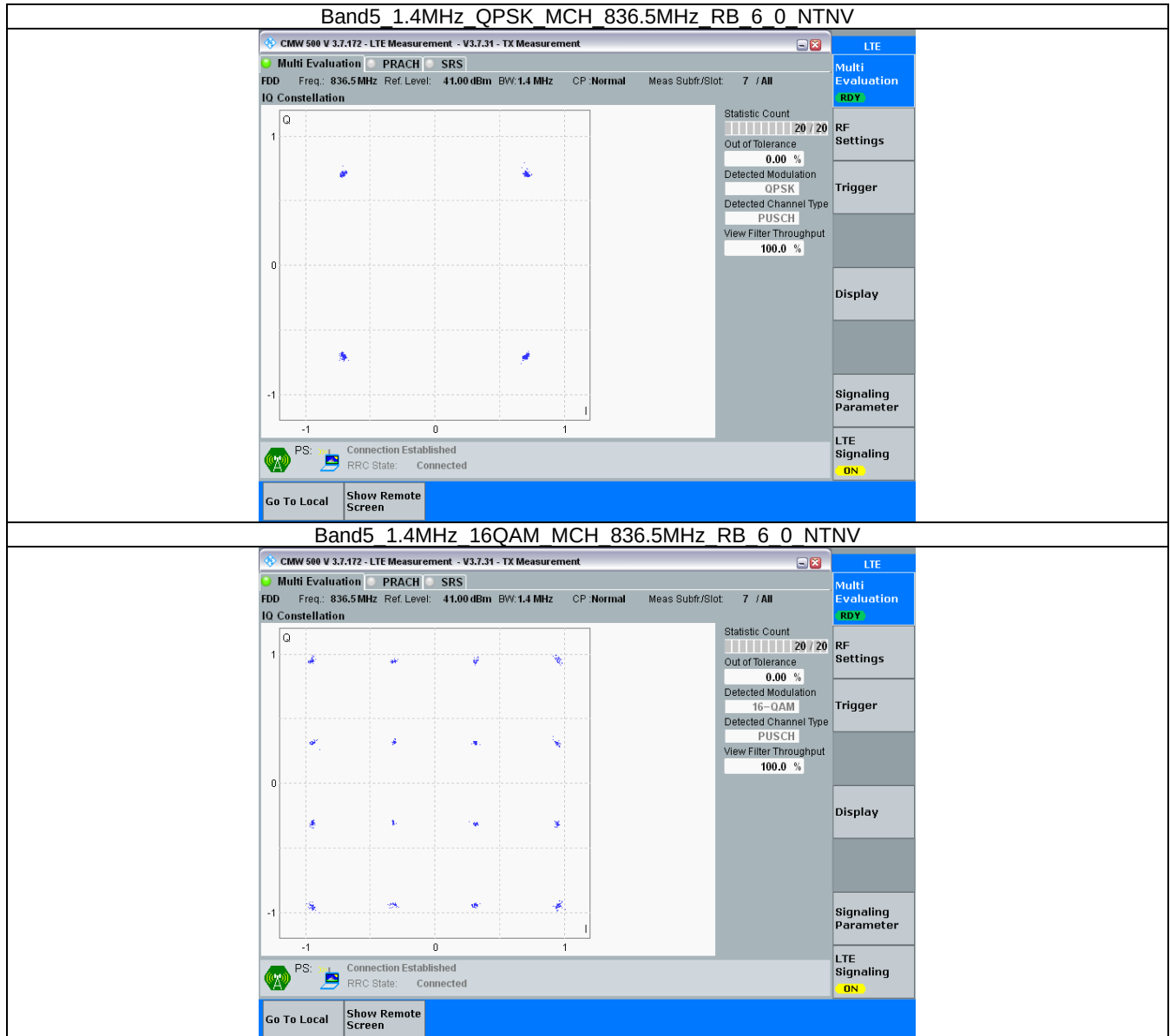
| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (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

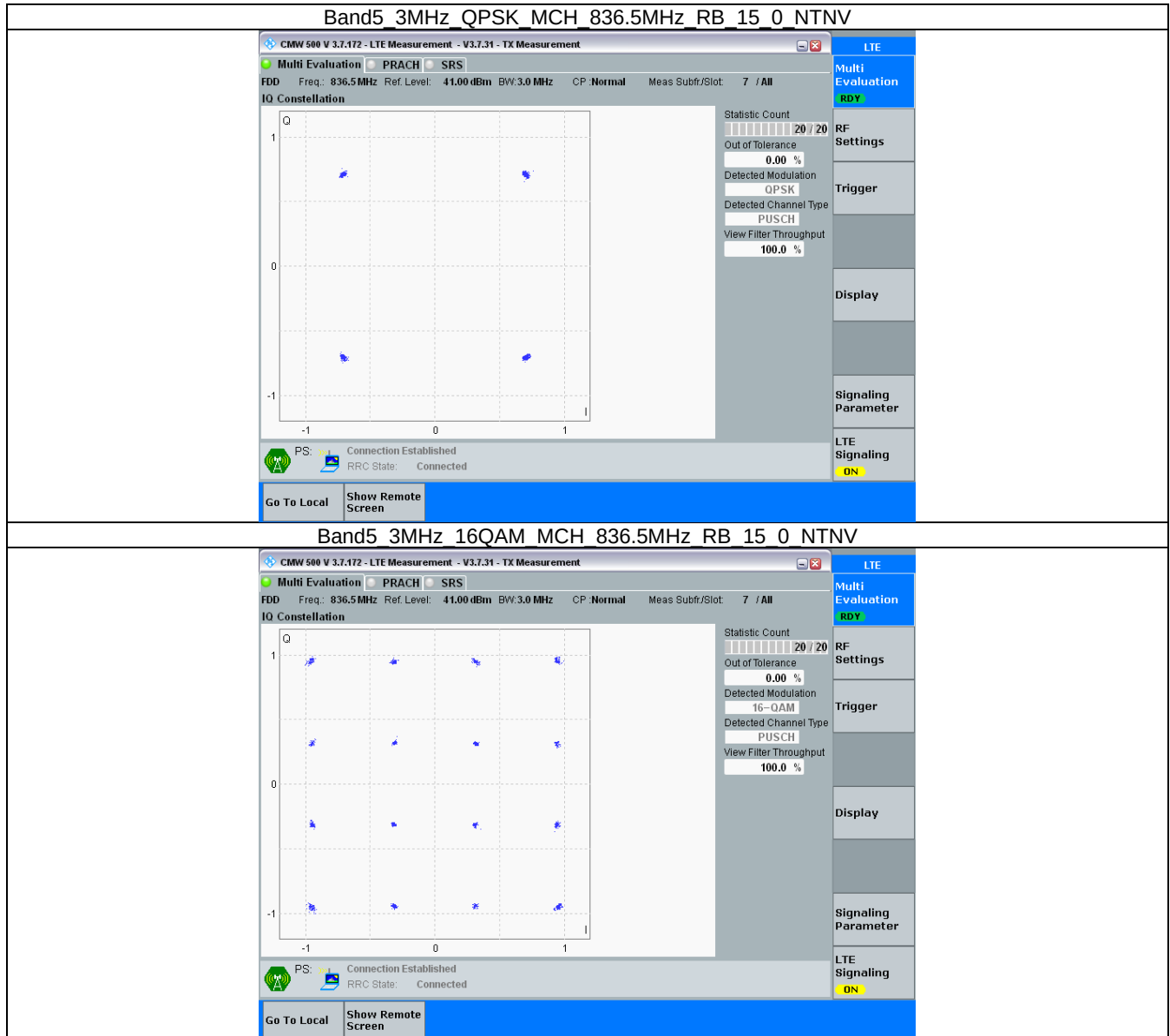
| Band: 5 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency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

## 3.2 Test Graph

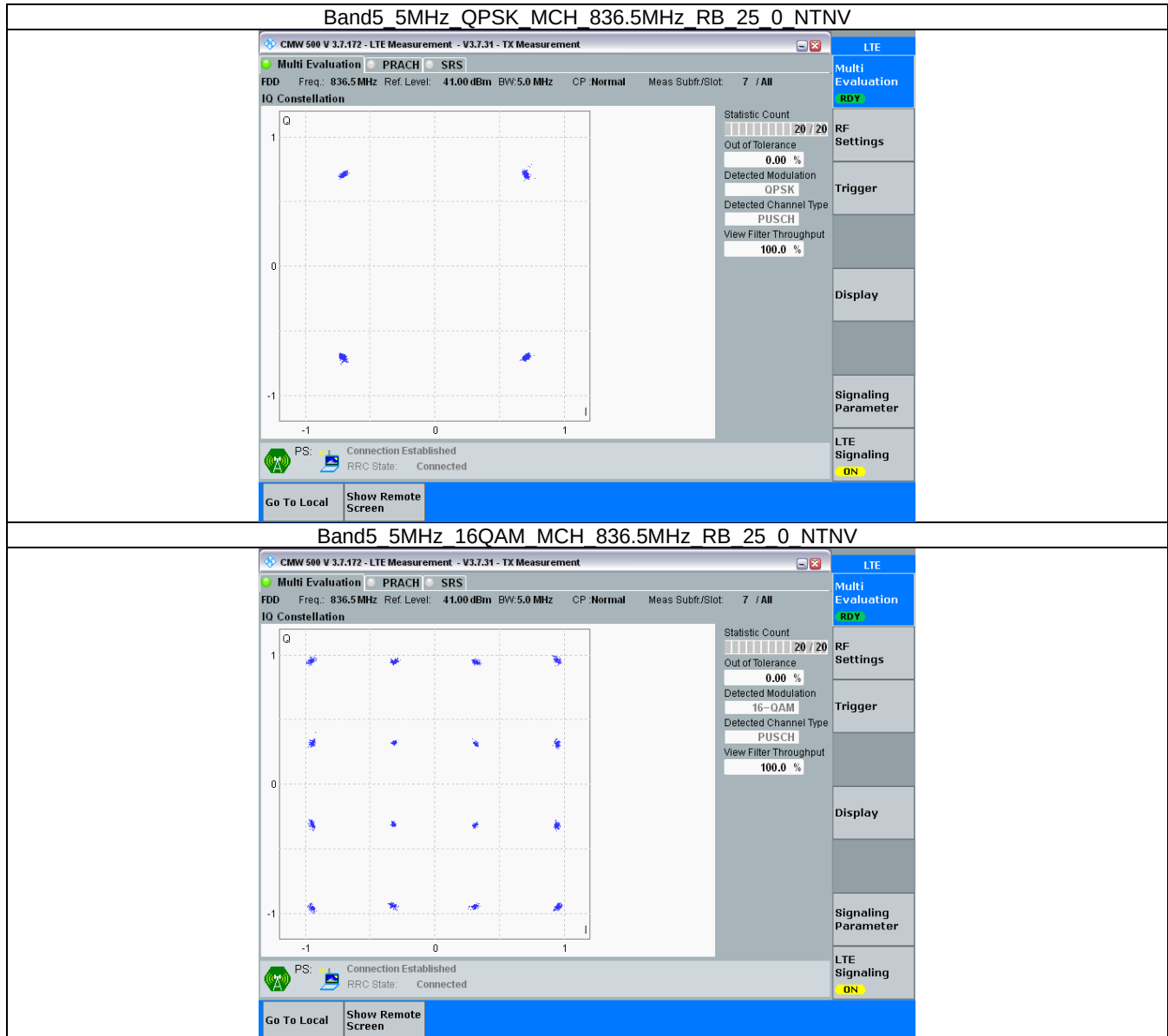
### 3.2.1 B5\_1.4MHz



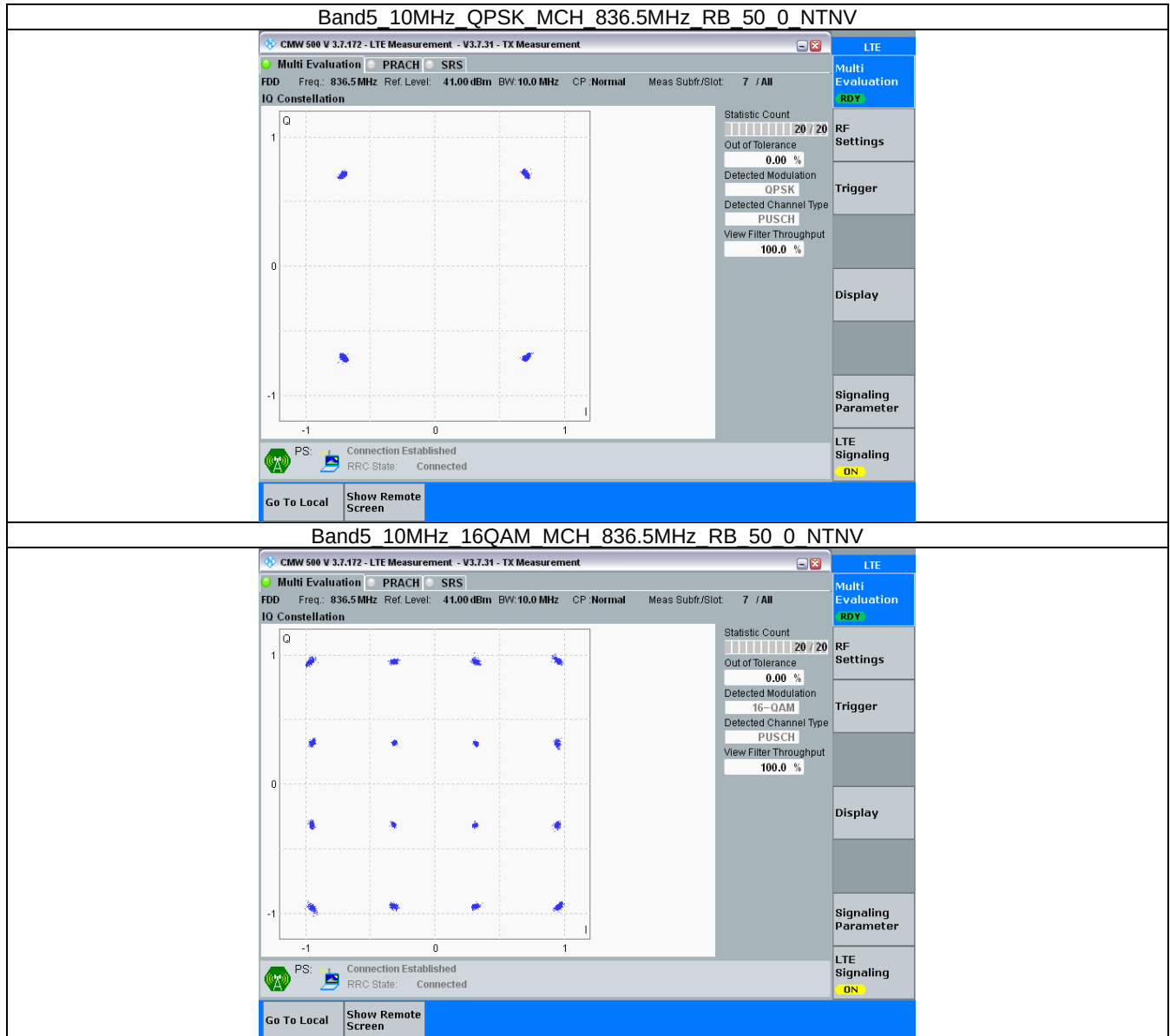
### 3.2.2 B5\_3MHz



### 3.2.3 B5\_5MHz



### 3.2.4 B5\_10MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band5\_OBW

| Band: 5 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.109                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.116                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.113                        | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.114                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.107                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.120                        | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.752                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.757                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.735                        | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.765                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.774                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.748                        | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.570                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.550                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.535                        | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.546                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.536                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.549                        | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.078                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.070                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.025                        | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.076                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.059                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.039                        | /     | Pass    |

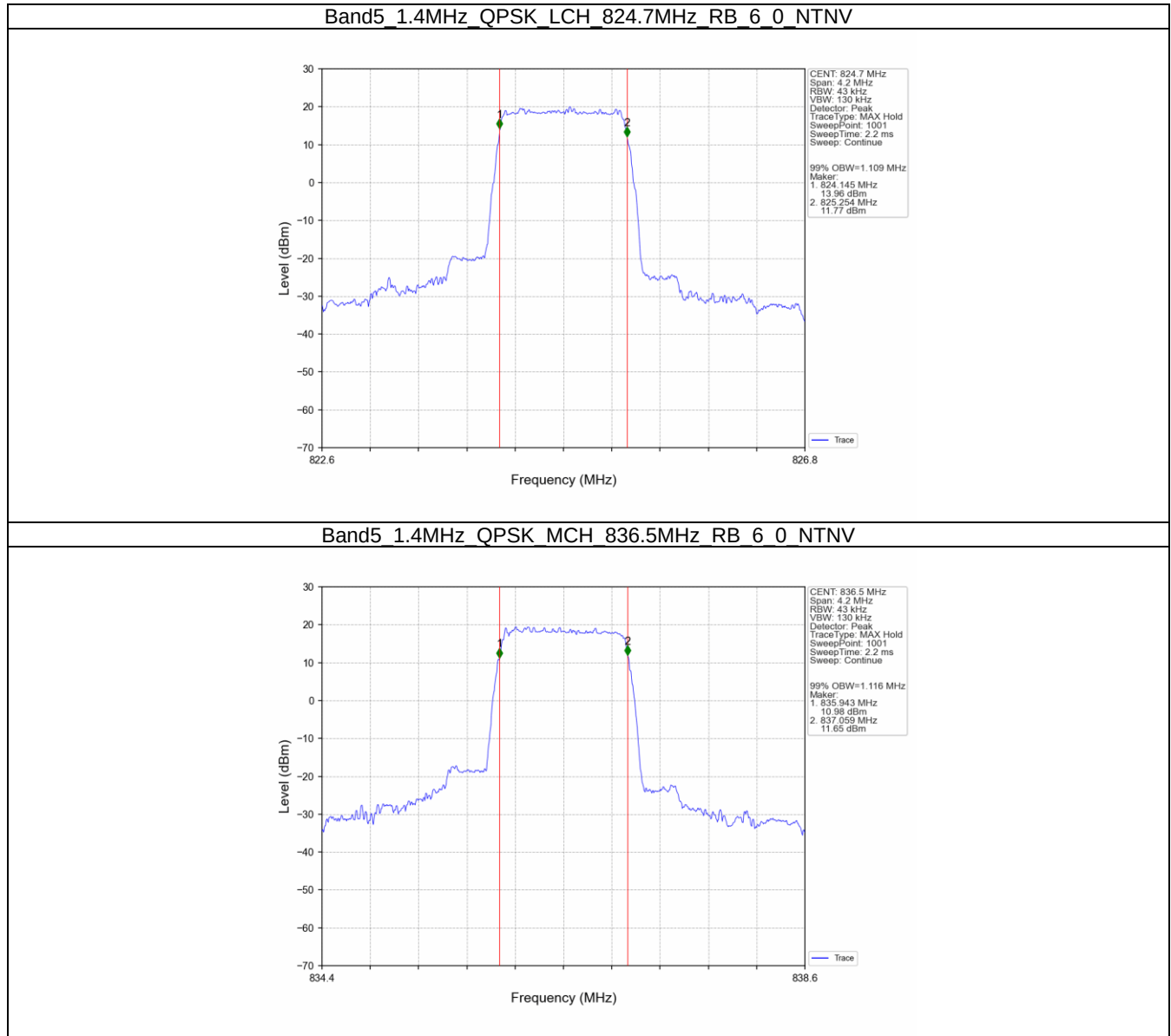
#### 4.1.2 Band5\_XDB

| 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      | 1.273                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.271                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.272                | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.276                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.265                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.276                | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.120                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.083                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.071                | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.108                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.136                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.091                | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.052                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.039                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.036                | /     | Pass    |

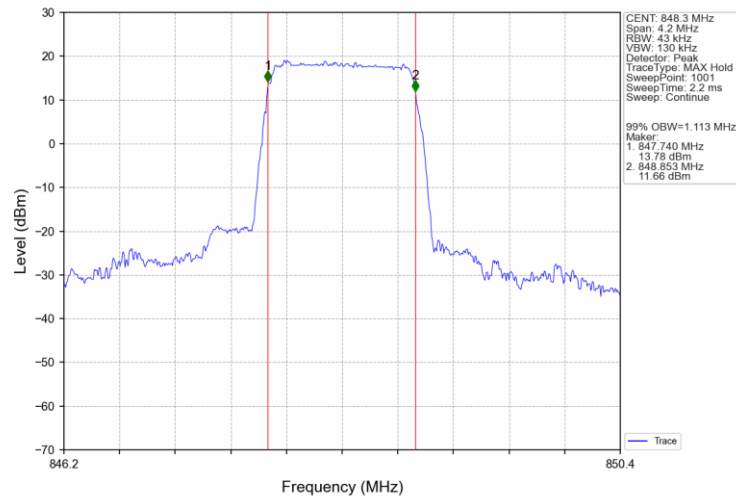
|    |       |       |    |   |        |   |      |
|----|-------|-------|----|---|--------|---|------|
| 10 | 16QAM | 826.5 | 25 | 0 | 5.051  | / | Pass |
|    |       | 836.5 | 25 | 0 | 5.047  | / | Pass |
|    |       | 846.5 | 25 | 0 | 5.018  | / | Pass |
|    | QPSK  | 829   | 50 | 0 | 10.026 | / | Pass |
|    |       | 836.5 | 50 | 0 | 10.047 | / | Pass |
|    |       | 844   | 50 | 0 | 10.037 | / | Pass |
|    | 16QAM | 829   | 50 | 0 | 10.042 | / | Pass |
|    |       | 836.5 | 50 | 0 | 10.033 | / | Pass |
|    |       | 844   | 50 | 0 | 10.056 | / | Pass |

## 4.2 Test Graph

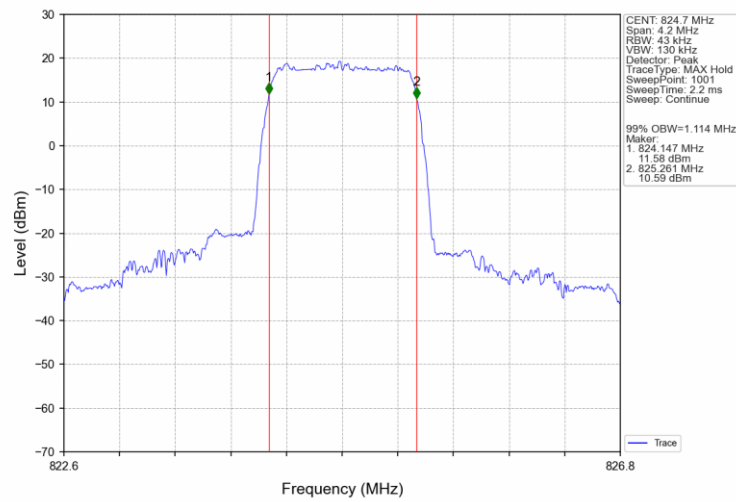
### 4.2.1 Band5\_OBW



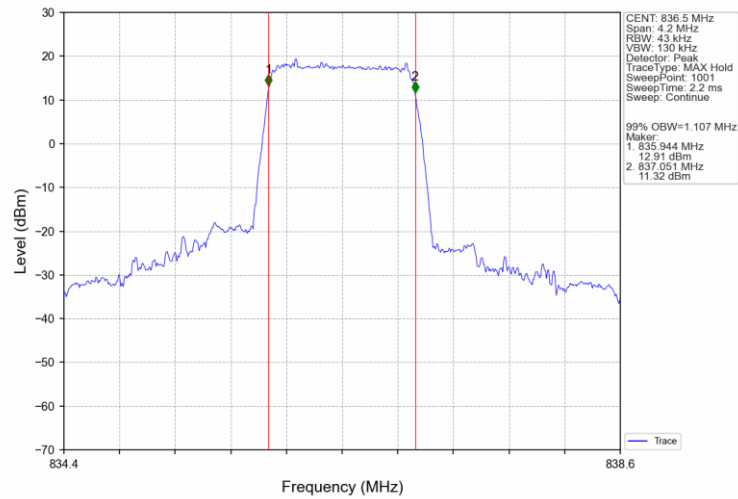
### Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



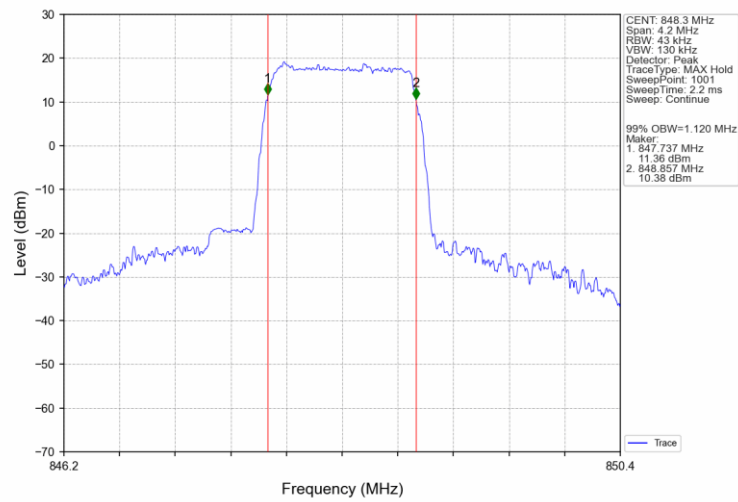
### Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



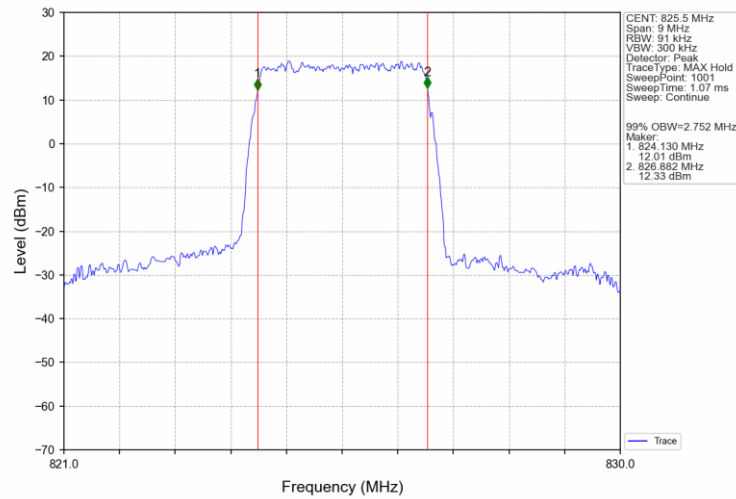
### Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



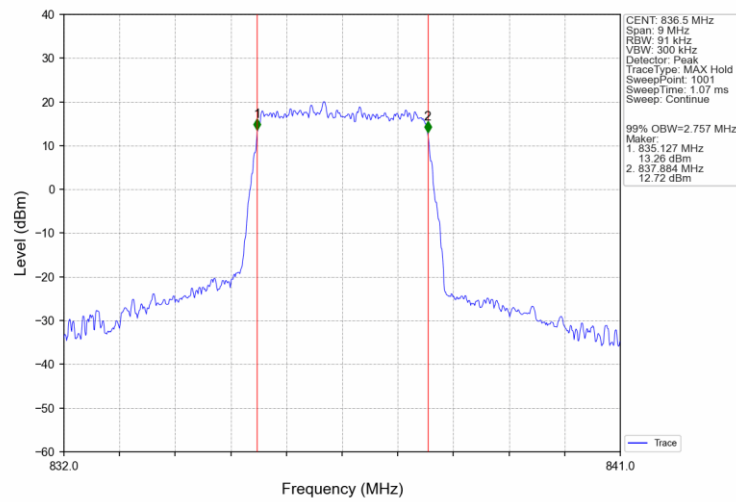
### Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



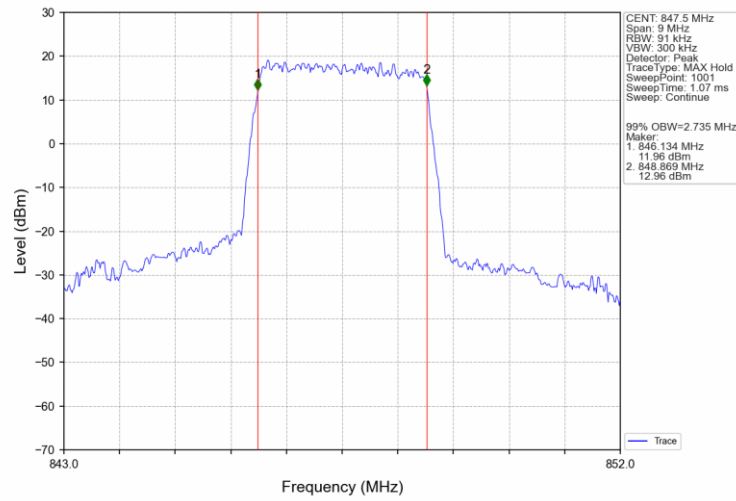
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



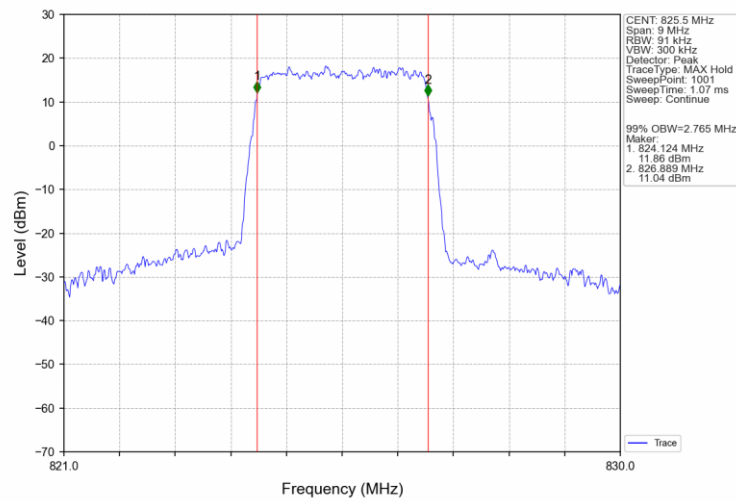
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



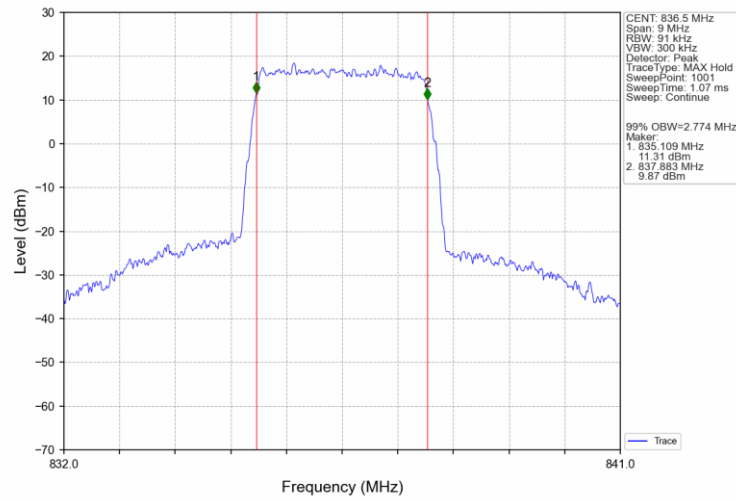
Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



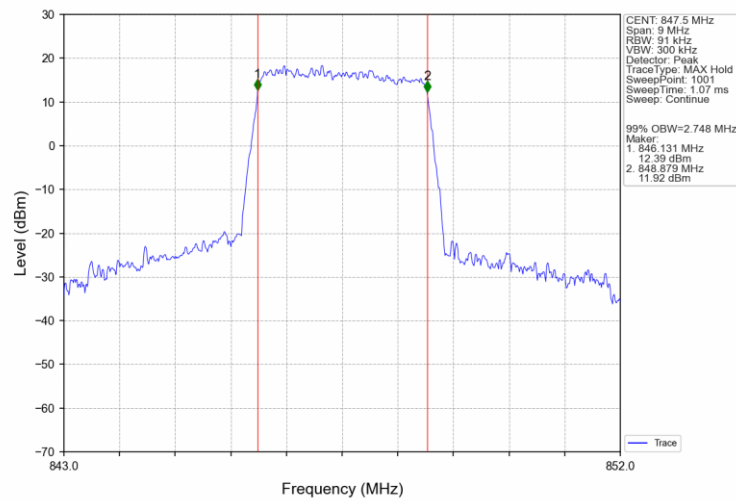
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



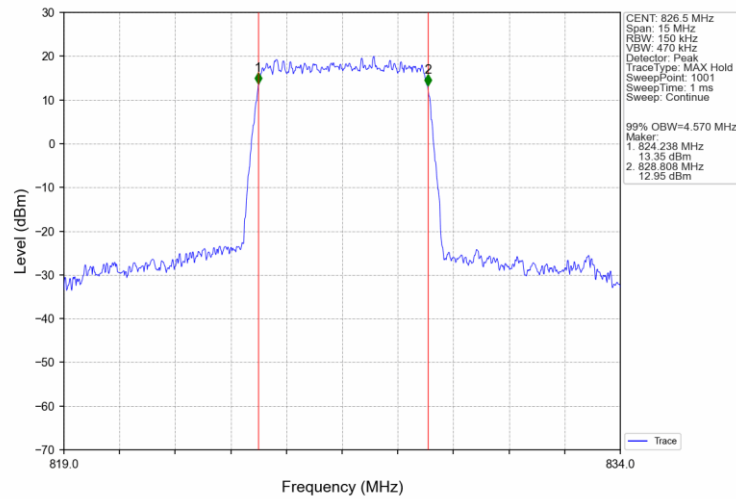
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



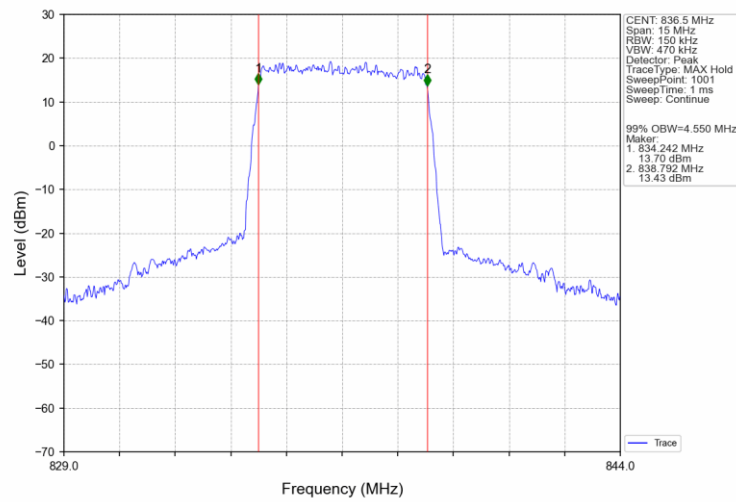
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



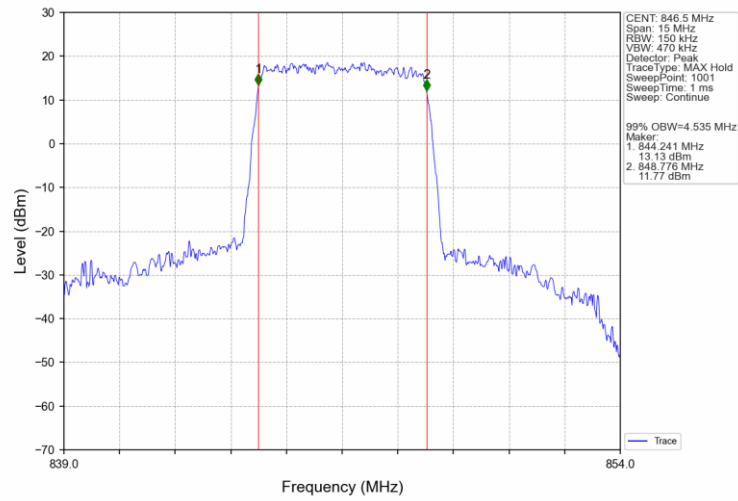
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



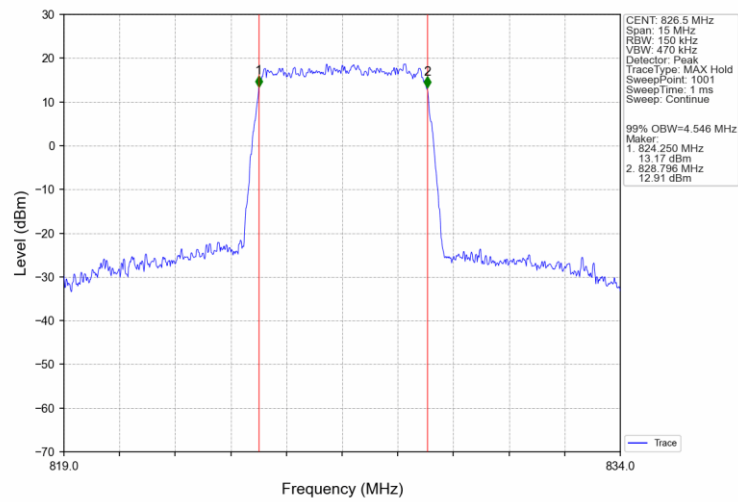
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



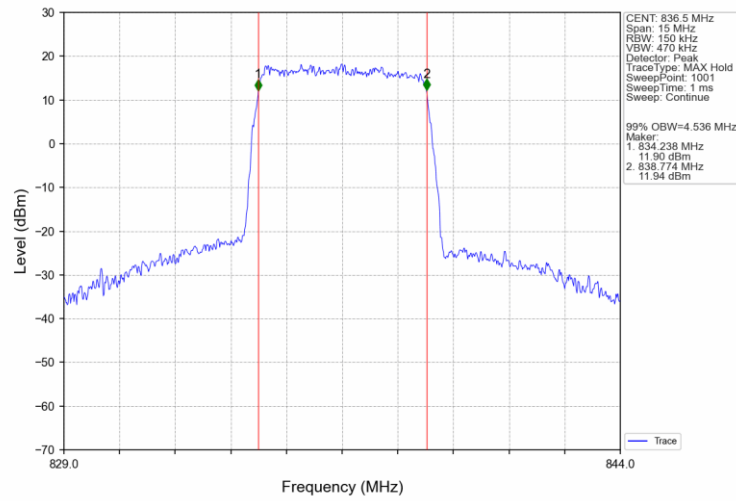
### Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



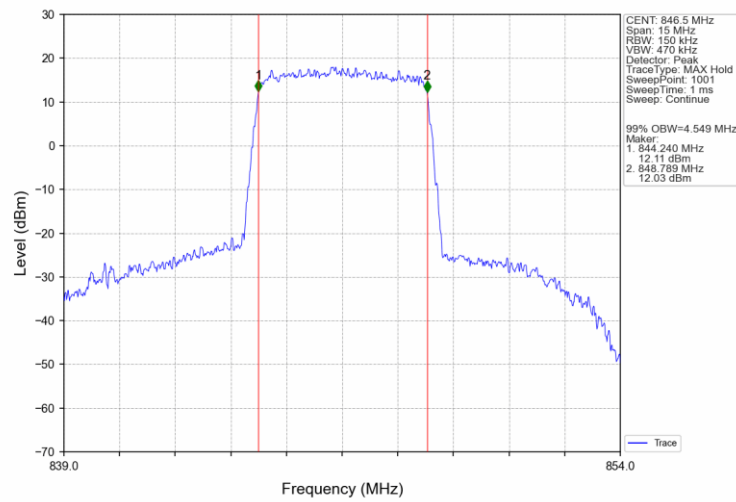
### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



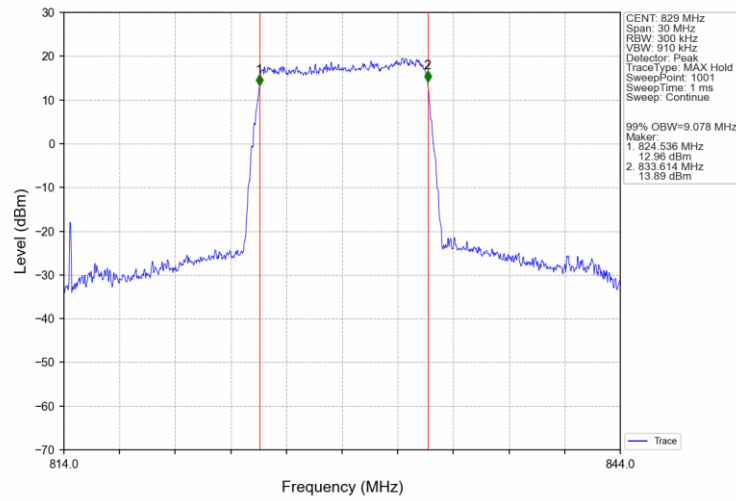
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



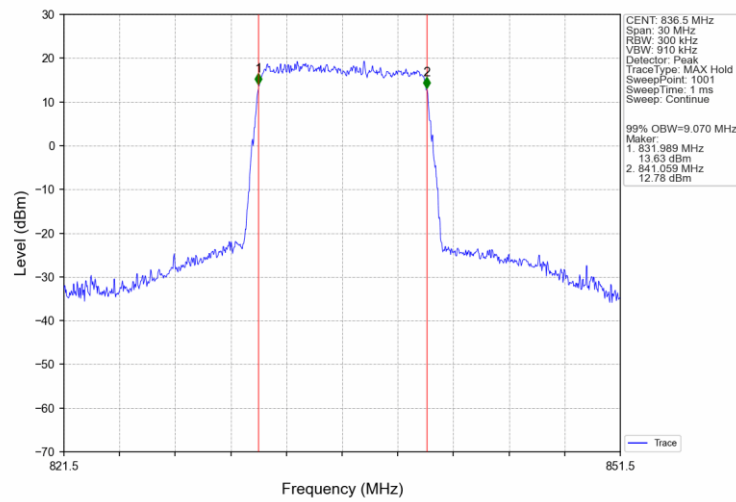
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



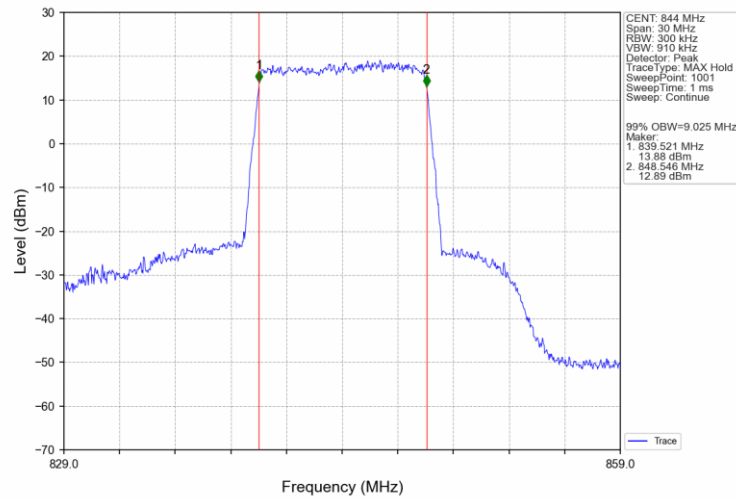
### Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



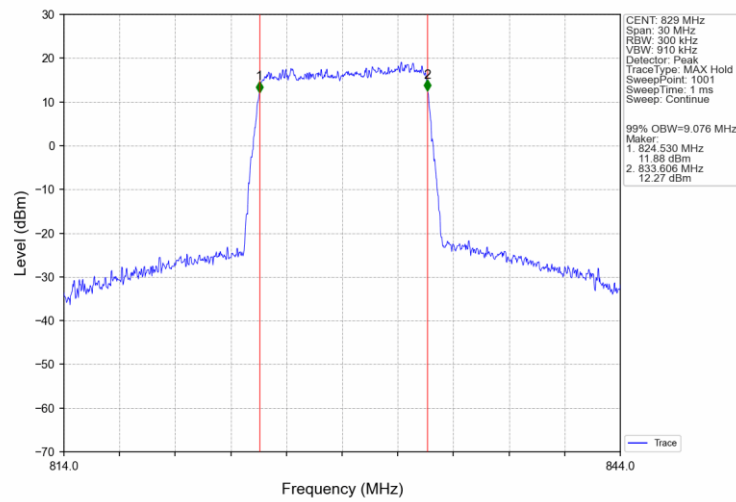
### Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



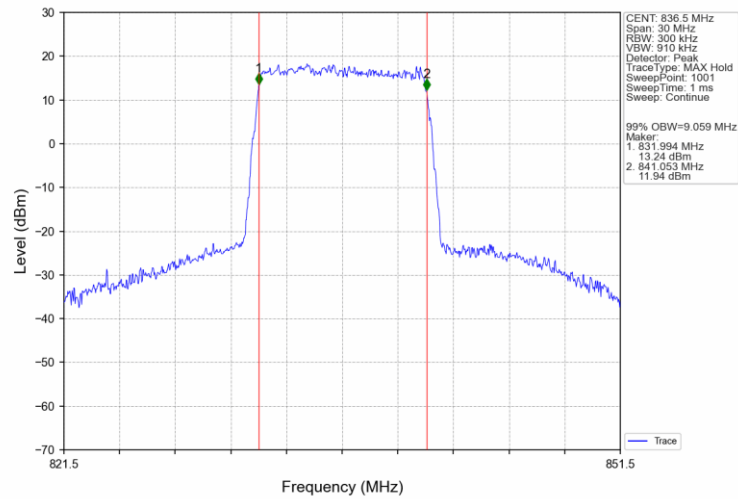
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



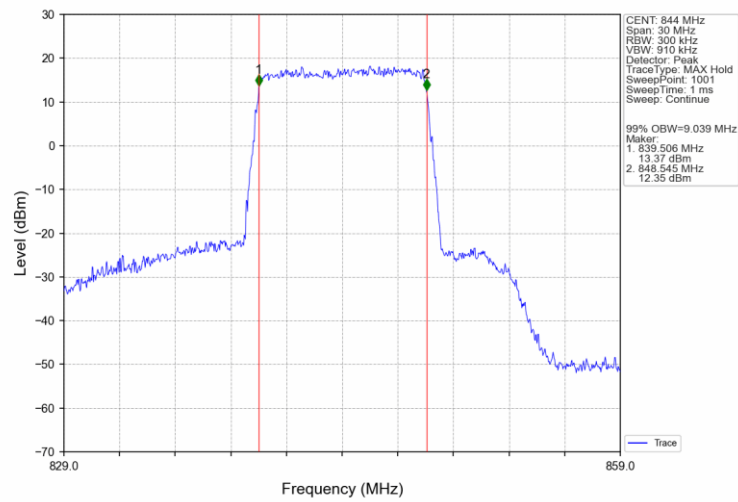
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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

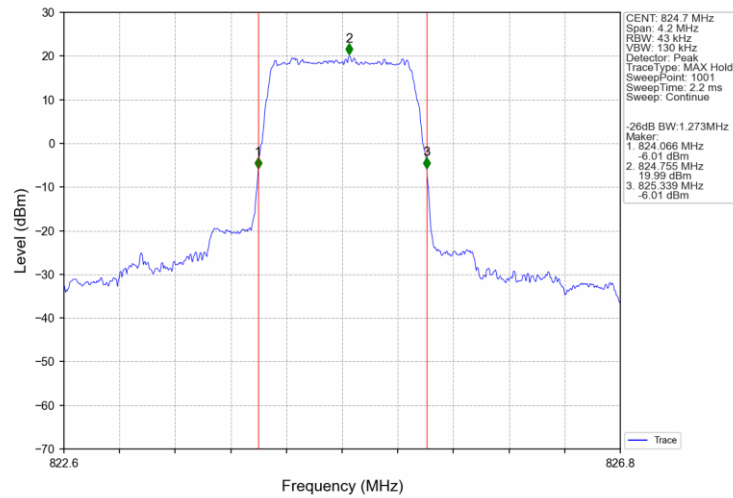


Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

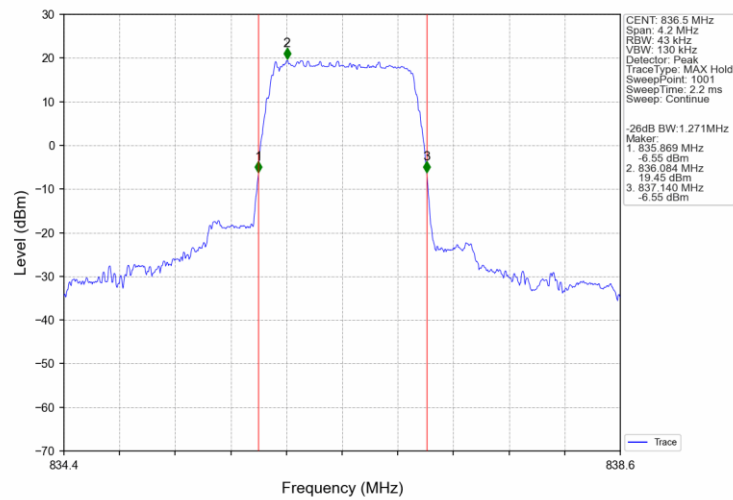


## 4.2.2 Band5\_XDB

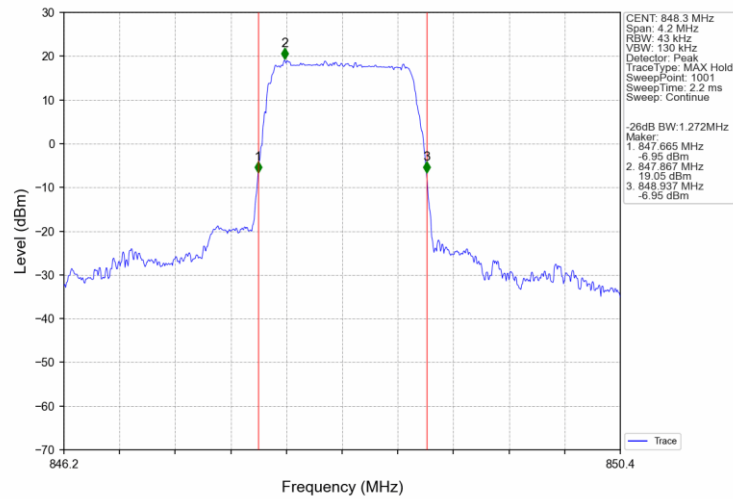
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



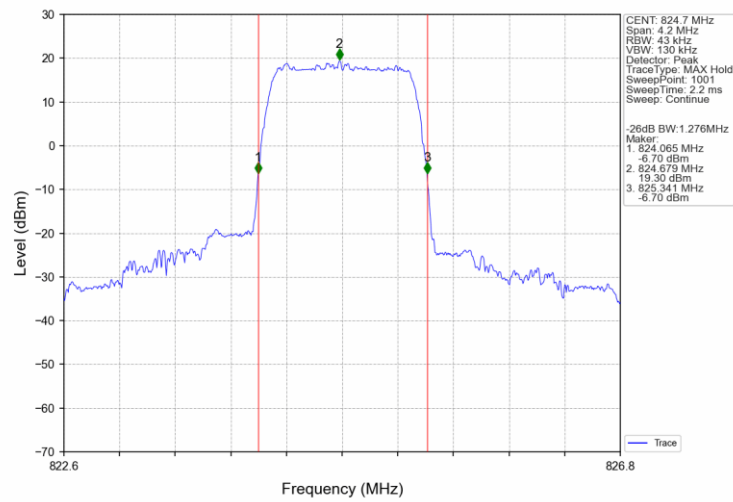
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTNV



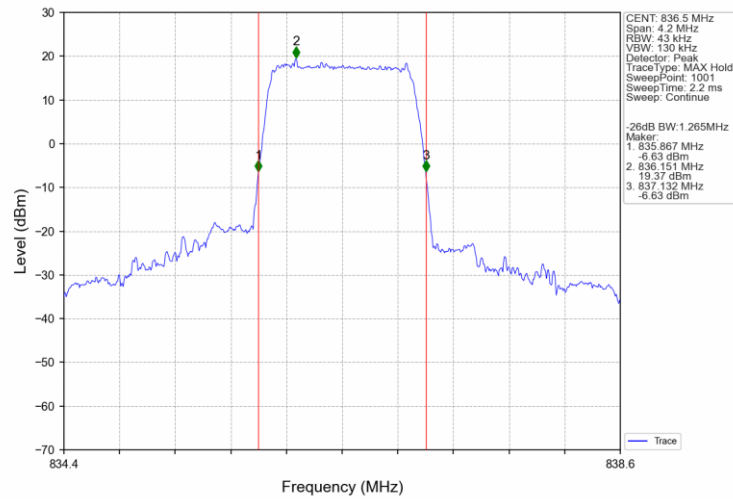
### Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



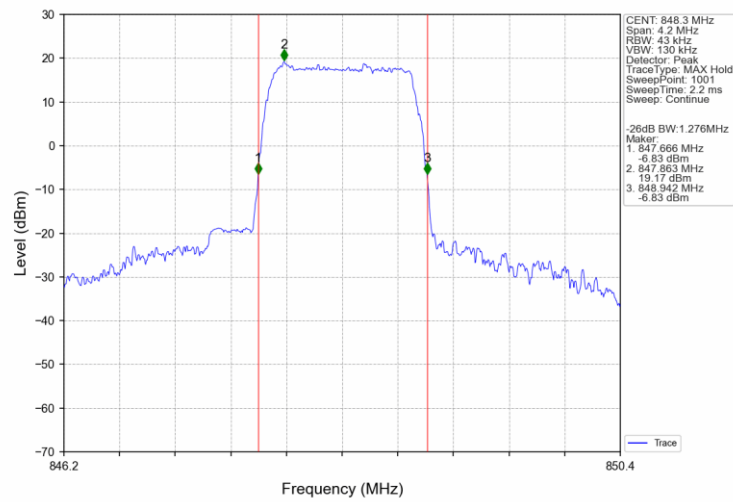
### Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



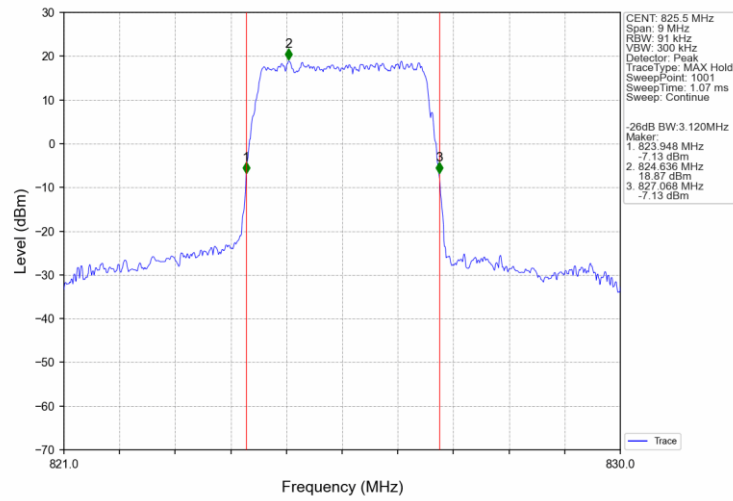
Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



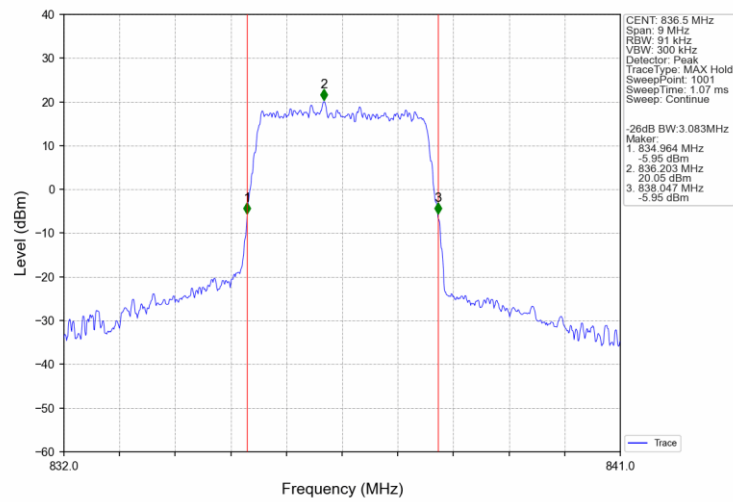
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



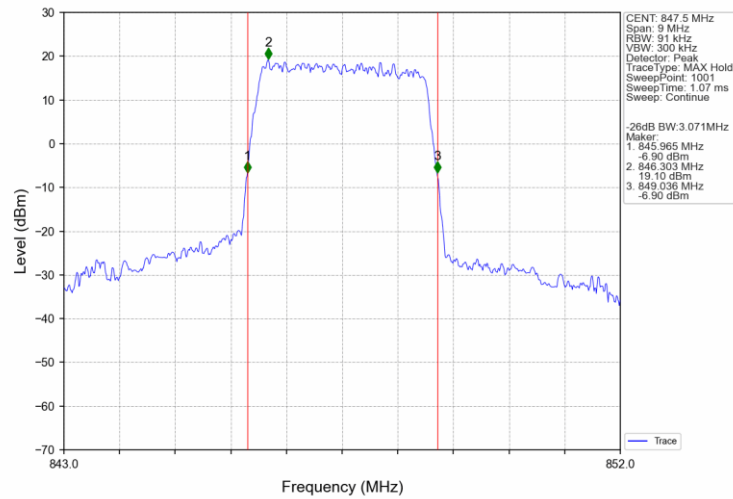
### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



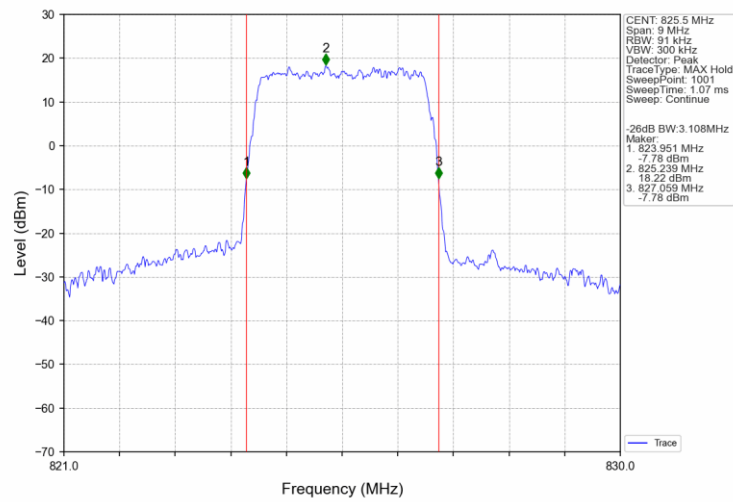
### Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



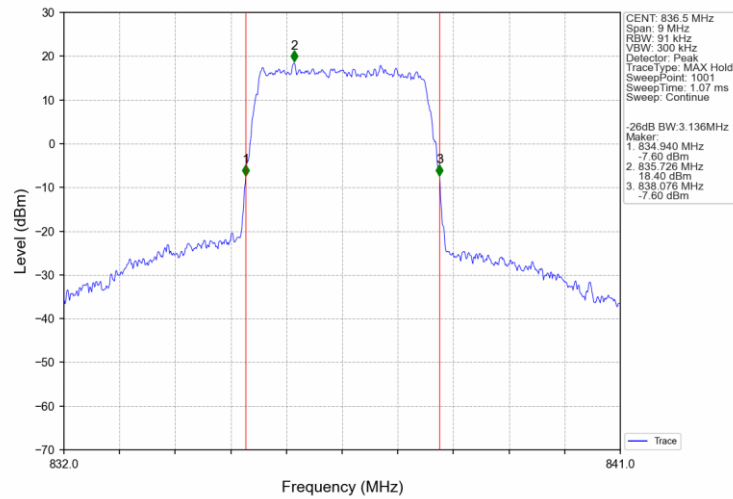
### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



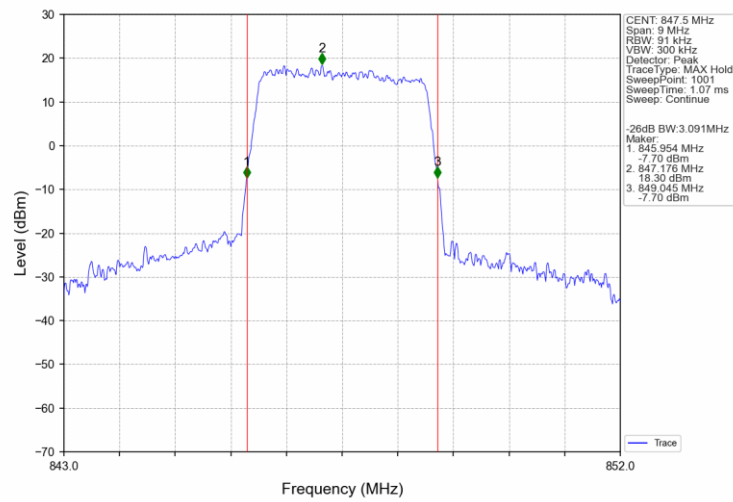
### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



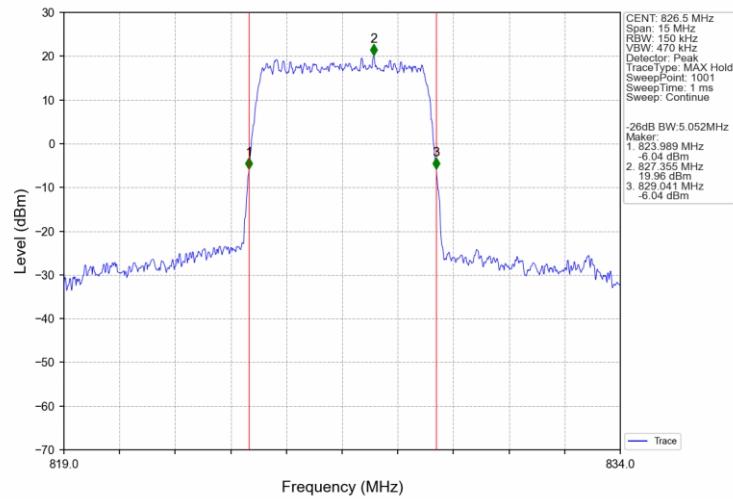
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



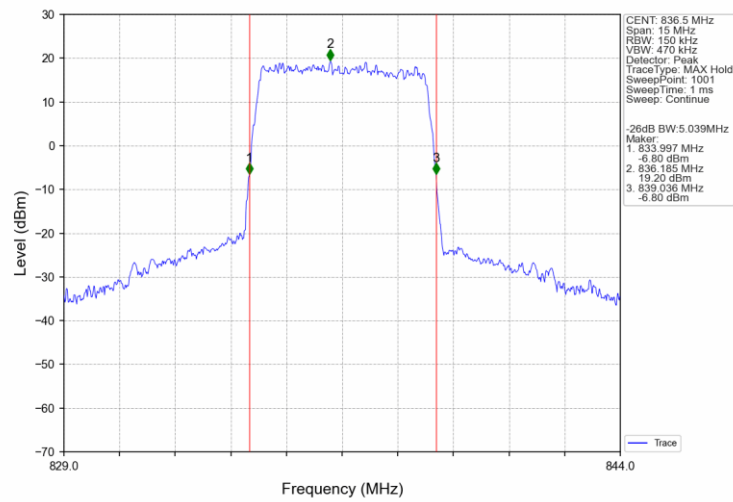
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



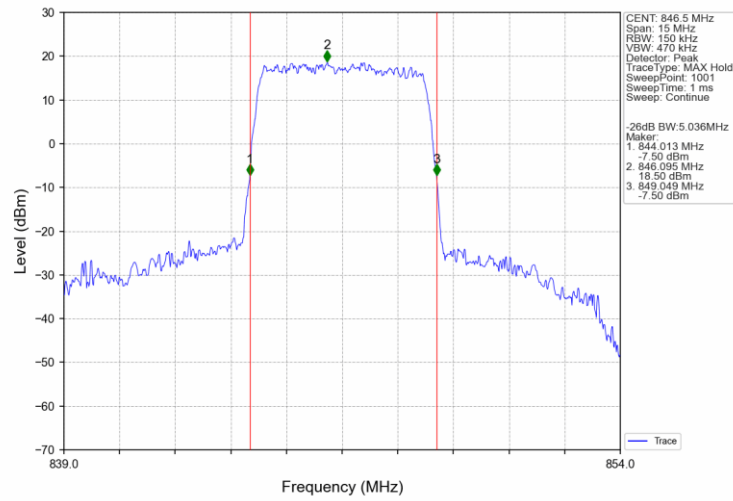
Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



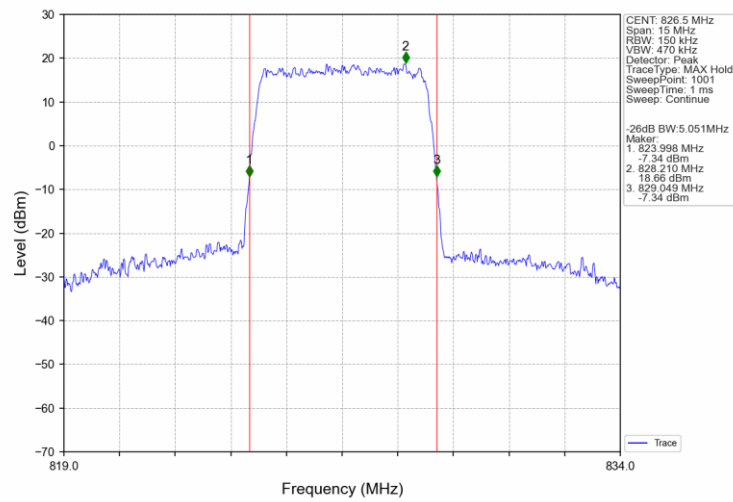
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



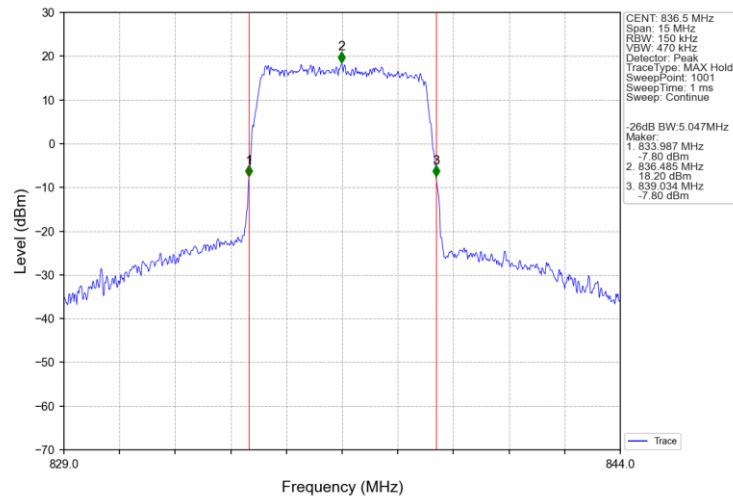
### Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



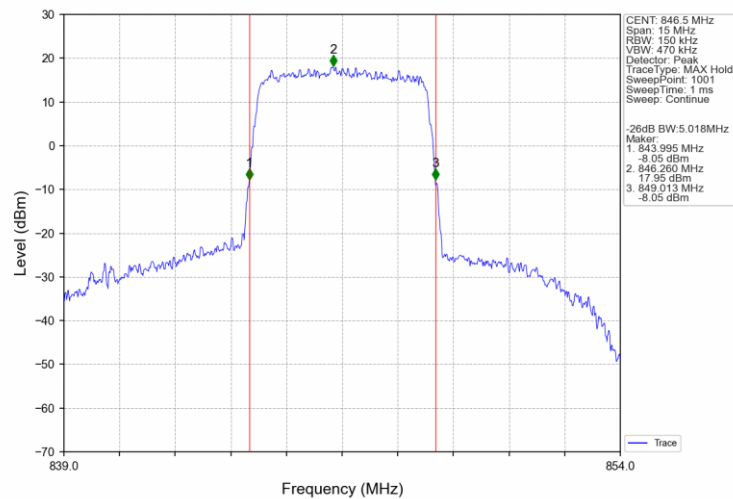
### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



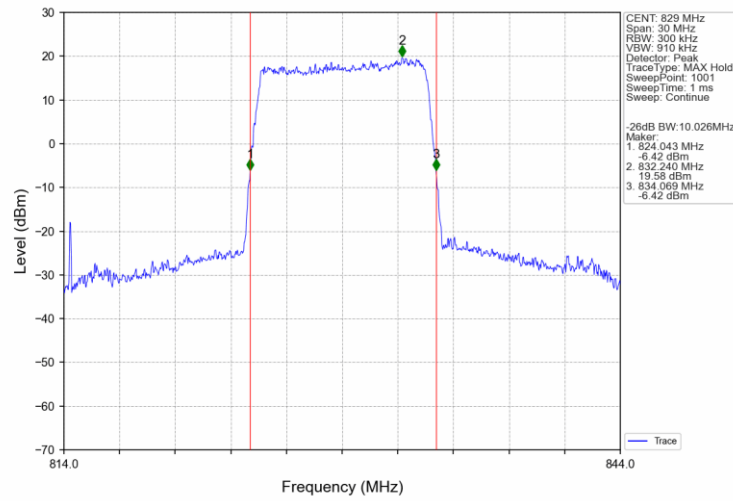
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



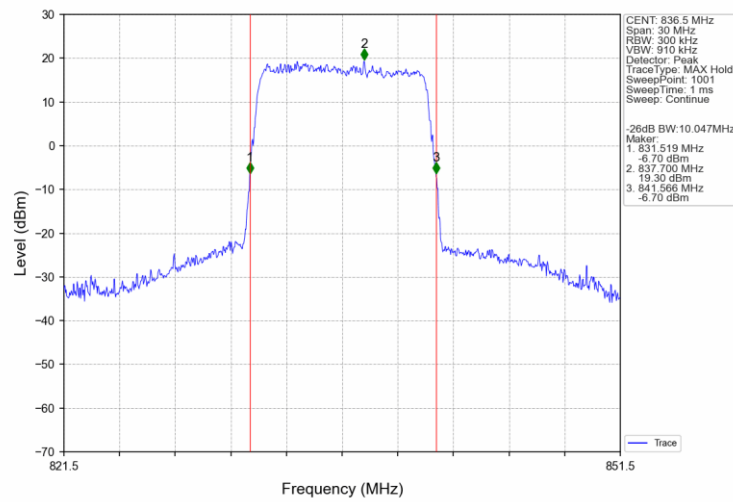
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



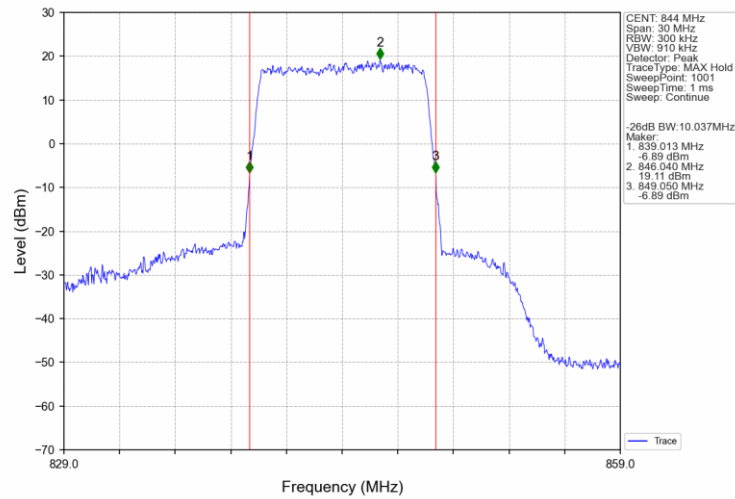
### Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



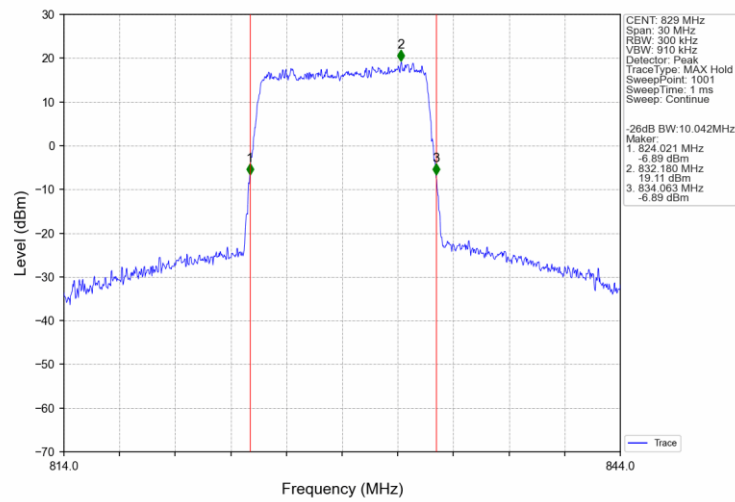
### Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



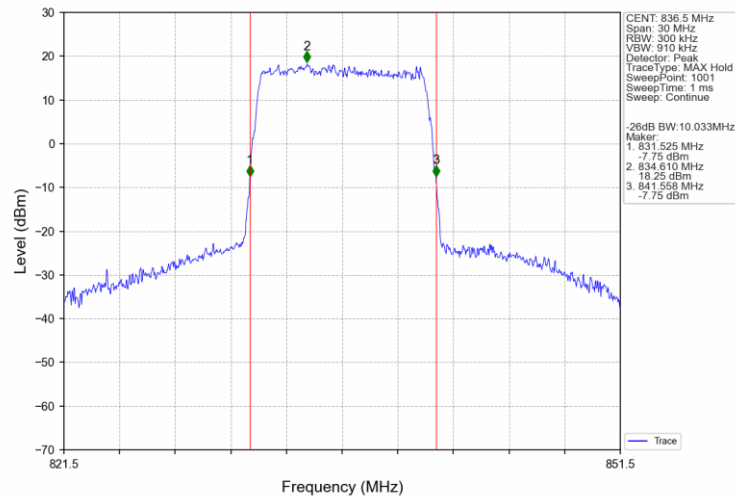
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



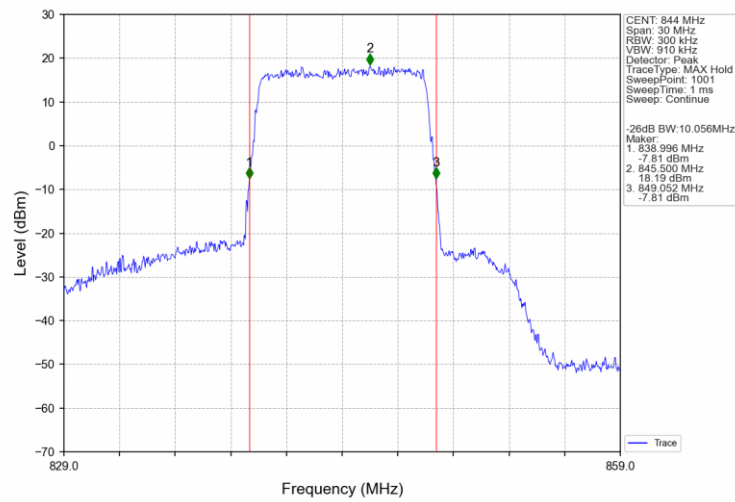
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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



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



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B5\_1.4MHz

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 824.7           | 6             | 0      | 5.73                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 5.84                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 5.68                    | <=13  | Pass    |
| 16QAM                              | 824.7           | 6             | 0      | 6.44                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 6.68                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 6.31                    | <=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      | 5.73                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 5.88                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 5.70                    | <=13  | Pass    |
| 16QAM                            | 825.5           | 15            | 0      | 6.61                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 6.68                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 6.63                    | <=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      | 5.76                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 5.77                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 5.69                    | <=13  | Pass    |
| 16QAM                            | 826.5           | 25            | 0      | 6.39                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 6.57                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 6.42                    | <=13  | Pass    |

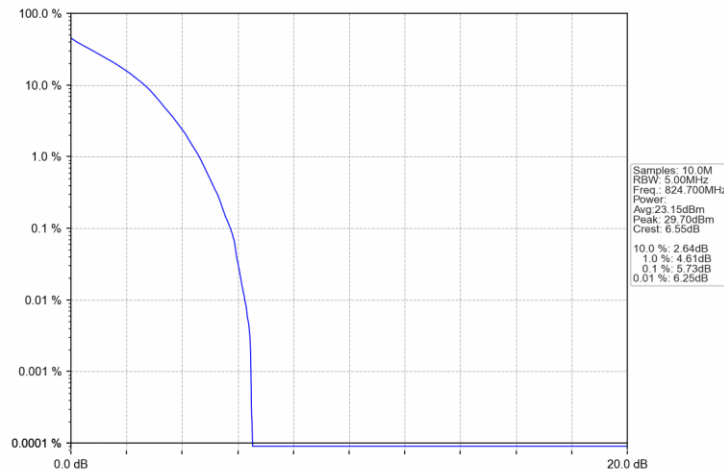
#### 5.1.4 B5\_10MHz

| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 829             | 50            | 0      | 5.84                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 5.71                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 5.89                    | <=13  | Pass    |
| 16QAM                             | 829             | 50            | 0      | 6.52                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 6.53                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 6.66                    | <=13  | Pass    |

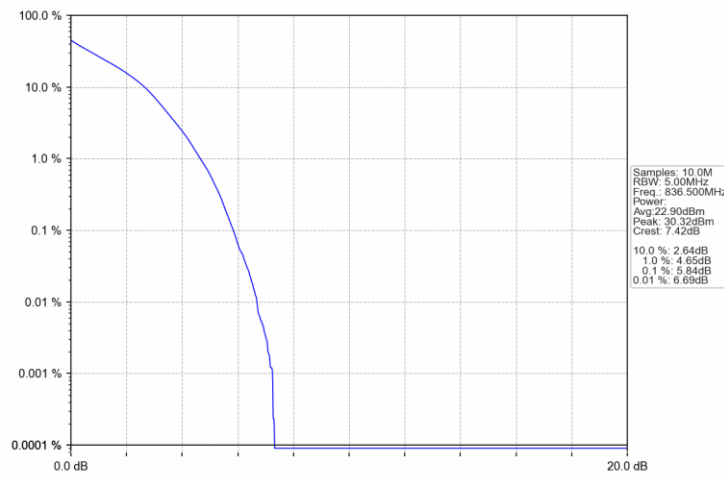
## 5.2 Test Graph

### 5.2.1 B5\_1.4MHz

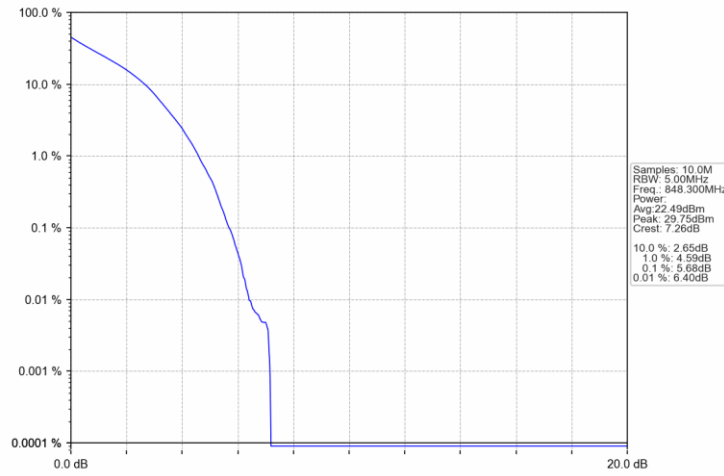
Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTNV



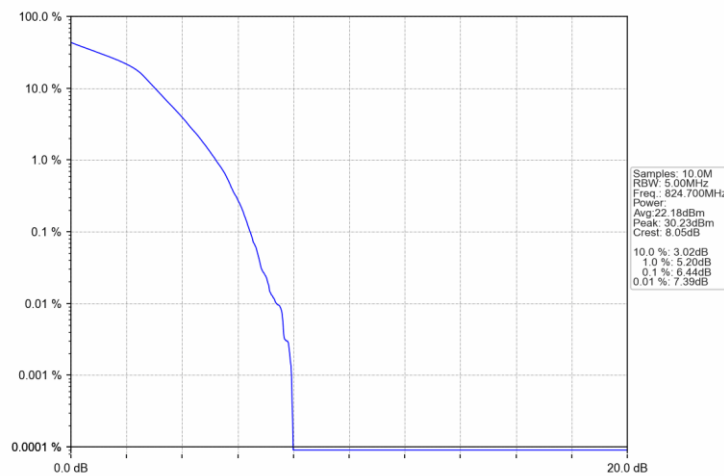
Band5 1.4MHz QPSK MCH 836.5MHz RB 6 0 NTNV



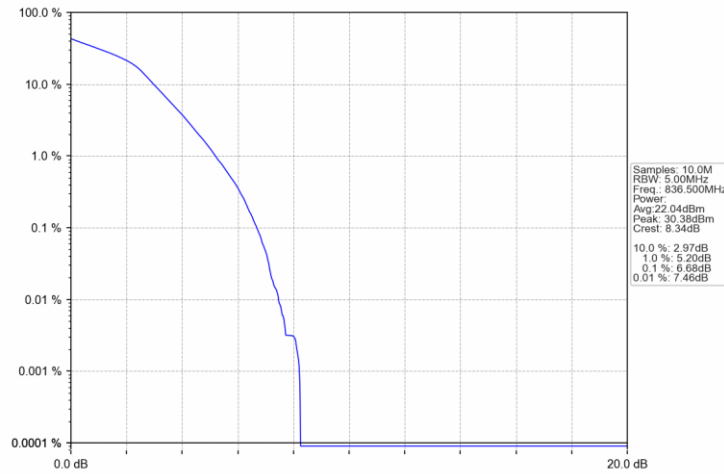
Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



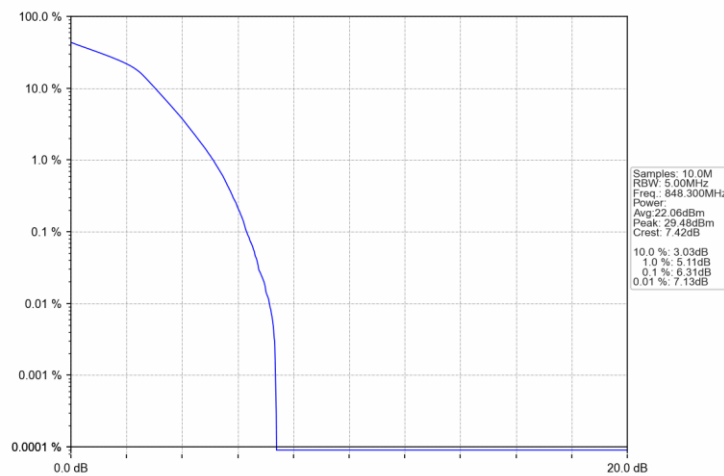
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



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

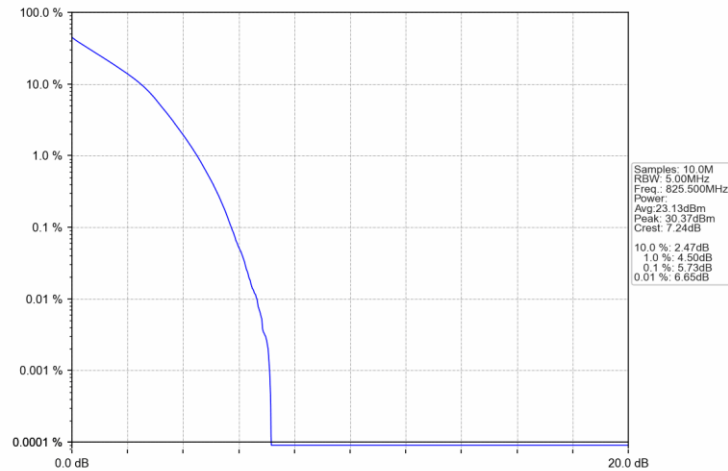


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

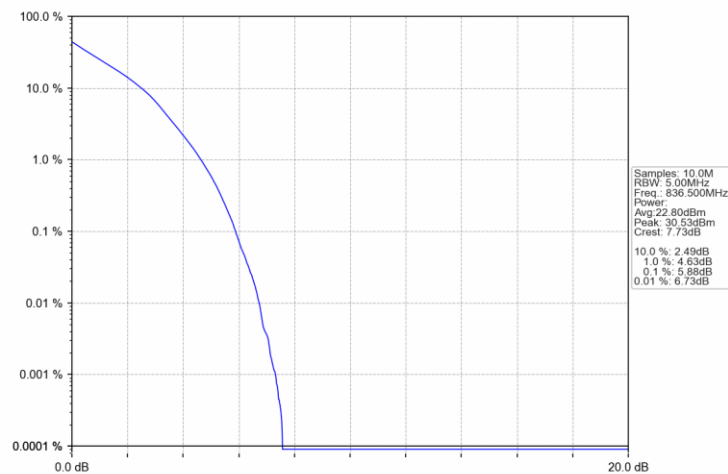


### 5.2.2 B5\_3MHz

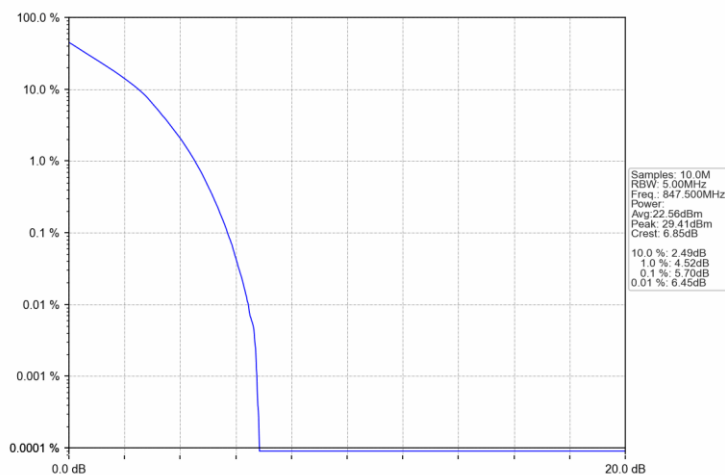
Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



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



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



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

