

## 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      | 24.51                 | -0.70      | 21.66     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.62                 | -0.70      | 21.77     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.60                 | -0.70      | 21.75     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 24.67                 | -0.70      | 21.82     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.66                 | -0.70      | 21.81     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 24.67                 | -0.70      | 21.82     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.53                 | -0.70      | 20.68     | <=34.77 | Pass    |
|                                    | 836.5           | 1             | 0      | 24.47                 | -0.70      | 21.62     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.53                 | -0.70      | 21.68     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.43                 | -0.70      | 21.58     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 24.38                 | -0.70      | 21.53     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.42                 | -0.70      | 21.57     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 24.37                 | -0.70      | 21.52     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.46                 | -0.70      | 20.61     | <=34.77 | Pass    |
|                                    | 848.3           | 1             | 0      | 24.49                 | -0.70      | 21.64     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.54                 | -0.70      | 21.69     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.52                 | -0.70      | 21.67     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 24.41                 | -0.70      | 21.56     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.37                 | -0.70      | 21.52     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 24.44                 | -0.70      | 21.59     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.44                 | -0.70      | 20.59     | <=34.77 | Pass    |
| 16QAM                              | 824.7           | 1             | 0      | 23.65                 | -0.70      | 20.80     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.70                 | -0.70      | 20.85     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 23.65                 | -0.70      | 20.80     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 23.27                 | -0.70      | 20.42     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.27                 | -0.70      | 20.42     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 23.24                 | -0.70      | 20.39     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 22.65                 | -0.70      | 19.80     | <=34.77 | Pass    |
|                                    | 836.5           | 1             | 0      | 23.28                 | -0.70      | 20.43     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.24                 | -0.70      | 20.39     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 23.21                 | -0.70      | 20.36     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 23.14                 | -0.70      | 20.29     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.09                 | -0.70      | 20.24     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 23.14                 | -0.70      | 20.29     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 22.62                 | -0.70      | 19.77     | <=34.77 | Pass    |
|                                    | 848.3           | 1             | 0      | 23.79                 | -0.70      | 20.94     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.76                 | -0.70      | 20.91     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.12                 | -0.70      | 21.27     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 23.14                 | -0.70      | 20.29     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.20                 | -0.70      | 20.35     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 23.17                 | -0.70      | 20.32     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.01                 | -0.70      | 20.16     | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.2 B5\_3MHz\_ERP

| Band: 5 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |           |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                             | 825.5           | 1             | 0      | 24.59                 | -0.70      | 21.74     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 24.57                 | -0.70      | 21.72     | <=34.77 | Pass    |
|                                  |                 |               | 14     | 24.56                 | -0.70      | 21.71     | <=34.77 | Pass    |
|                                  |                 | 8             | 0      | 23.69                 | -0.70      | 20.84     | <=34.77 | Pass    |
|                                  |                 |               | 4      | 23.67                 | -0.70      | 20.82     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 23.63                 | -0.70      | 20.78     | <=34.77 | Pass    |
|                                  |                 | 15            | 0      | 23.66                 | -0.70      | 20.81     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.70                 | -0.70      | 21.85     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 24.49                 | -0.70      | 21.64     | <=34.77 | Pass    |
|                                  |                 |               | 14     | 24.43                 | -0.70      | 21.58     | <=34.77 | Pass    |
|                                  |                 | 8             | 0      | 23.51                 | -0.70      | 20.66     | <=34.77 | Pass    |
|                                  |                 |               | 4      | 23.32                 | -0.70      | 20.47     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 23.31                 | -0.70      | 20.46     | <=34.77 | Pass    |
|                                  |                 | 15            | 0      | 23.50                 | -0.70      | 20.65     | <=34.77 | Pass    |
|                                  | 847.5           | 1             | 0      | 24.60                 | -0.70      | 21.75     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 24.55                 | -0.70      | 21.70     | <=34.77 | Pass    |
|                                  |                 |               | 14     | 24.56                 | -0.70      | 21.71     | <=34.77 | Pass    |
|                                  |                 | 8             | 0      | 23.40                 | -0.70      | 20.55     | <=34.77 | Pass    |
|                                  |                 |               | 4      | 23.41                 | -0.70      | 20.56     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 23.50                 | -0.70      | 20.65     | <=34.77 | Pass    |
|                                  |                 | 15            | 0      | 23.45                 | -0.70      | 20.60     | <=34.77 | Pass    |
| 16QAM                            | 825.5           | 1             | 0      | 23.30                 | -0.70      | 20.45     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 23.30                 | -0.70      | 20.45     | <=34.77 | Pass    |
|                                  |                 |               | 14     | 23.23                 | -0.70      | 20.38     | <=34.77 | Pass    |
|                                  |                 | 8             | 0      | 22.62                 | -0.70      | 19.77     | <=34.77 | Pass    |
|                                  |                 |               | 4      | 22.62                 | -0.70      | 19.77     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 23.21                 | -0.70      | 20.36     | <=34.77 | Pass    |
|                                  |                 | 15            | 0      | 22.51                 | -0.70      | 19.66     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 23.49                 | -0.70      | 20.64     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 23.28                 | -0.70      | 20.43     | <=34.77 | Pass    |
|                                  |                 |               | 14     | 23.24                 | -0.70      | 20.39     | <=34.77 | Pass    |
|                                  |                 | 8             | 0      | 23.16                 | -0.70      | 20.31     | <=34.77 | Pass    |
|                                  |                 |               | 4      | 22.67                 | -0.70      | 19.82     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 22.66                 | -0.70      | 19.81     | <=34.77 | Pass    |
|                                  |                 | 15            | 0      | 22.60                 | -0.70      | 19.75     | <=34.77 | Pass    |
|                                  | 847.5           | 1             | 0      | 24.12                 | -0.70      | 21.27     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 24.05                 | -0.70      | 21.20     | <=34.77 | Pass    |
|                                  |                 |               | 14     | 23.58                 | -0.70      | 20.73     | <=34.77 | Pass    |
|                                  |                 | 8             | 0      | 22.45                 | -0.70      | 19.60     | <=34.77 | Pass    |
|                                  |                 |               | 4      | 22.44                 | -0.70      | 19.59     | <=34.77 | Pass    |
|                                  |                 |               | 7      | 22.90                 | -0.70      | 20.05     | <=34.77 | Pass    |
|                                  |                 | 15            | 0      | 22.58                 | -0.70      | 19.73     | <=34.77 | 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      | 24.57                 | -0.70      | 21.72     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 24.49                 | -0.70      | 21.64     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 24.57                 | -0.70      | 21.72     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.63                 | -0.70      | 20.78     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.50                 | -0.70      | 20.65     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.49                 | -0.70      | 20.64     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.58                 | -0.70      | 20.73     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.47                 | -0.70      | 21.62     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 24.20                 | -0.70      | 21.35     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 24.35                 | -0.70      | 21.50     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.50                 | -0.70      | 20.65     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.38                 | -0.70      | 20.53     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.41                 | -0.70      | 20.56     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.45                 | -0.70      | 20.60     | <=34.77 | Pass    |
|                                  | 846.5           | 1             | 0      | 24.35                 | -0.70      | 21.50     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 24.44                 | -0.70      | 21.59     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 24.43                 | -0.70      | 21.58     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.29                 | -0.70      | 20.44     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.71                 | -0.70      | 20.86     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.45                 | -0.70      | 20.60     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.46                 | -0.70      | 20.61     | <=34.77 | Pass    |
| 16QAM                            | 826.5           | 1             | 0      | 23.07                 | -0.70      | 20.22     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.13                 | -0.70      | 20.28     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 23.08                 | -0.70      | 20.23     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 22.50                 | -0.70      | 19.65     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.04                 | -0.70      | 20.19     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.01                 | -0.70      | 20.16     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.99                 | -0.70      | 20.14     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 23.34                 | -0.70      | 20.49     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.28                 | -0.70      | 20.43     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 23.33                 | -0.70      | 20.48     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.13                 | -0.70      | 20.28     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 22.57                 | -0.70      | 19.72     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.54                 | -0.70      | 19.69     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.42                 | -0.70      | 19.57     | <=34.77 | Pass    |
|                                  | 846.5           | 1             | 0      | 23.43                 | -0.70      | 20.58     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.52                 | -0.70      | 20.67     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 23.45                 | -0.70      | 20.60     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 22.29                 | -0.70      | 19.44     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 22.30                 | -0.70      | 19.45     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.28                 | -0.70      | 19.43     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.38                 | -0.70      | 19.53     | <=34.77 | Pass    |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.4 B5\_10MHz\_ERP

| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 829             | 1             | 0      | 24.63                 | -0.70      | 21.78     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 24.63                 | -0.70      | 21.78     | <=34.77 | Pass    |
|                                   |                 |               | 49     | 24.52                 | -0.70      | 21.67     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 23.53                 | -0.70      | 20.68     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.60                 | -0.70      | 20.75     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 23.85                 | -0.70      | 21.00     | <=34.77 | Pass    |
|                                   |                 | 50            | 0      | 23.49                 | -0.70      | 20.64     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 24.57                 | -0.70      | 21.72     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 24.37                 | -0.70      | 21.52     | <=34.77 | Pass    |
|                                   | 836.5           | 1             | 49     | 24.47                 | -0.70      | 21.62     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.48                 | -0.70      | 20.63     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.48                 | -0.70      | 20.63     | <=34.77 | Pass    |
|                                   |                 | 25            | 25     | 23.46                 | -0.70      | 20.61     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.50                 | -0.70      | 20.65     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 24.46                 | -0.70      | 21.61     | <=34.77 | Pass    |
|                                   |                 | 50            | 25     | 24.48                 | -0.70      | 21.63     | <=34.77 | Pass    |
|                                   |                 |               | 49     | 24.47                 | -0.70      | 21.62     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.47                 | -0.70      | 20.62     | <=34.77 | Pass    |
|                                   | 844             | 25            | 13     | 23.42                 | -0.70      | 20.57     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 23.50                 | -0.70      | 20.65     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.37                 | -0.70      | 20.52     | <=34.77 | Pass    |
| 16QAM                             | 829             | 1             | 0      | 23.16                 | -0.70      | 20.31     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 23.16                 | -0.70      | 20.31     | <=34.77 | Pass    |
|                                   |                 |               | 49     | 23.14                 | -0.70      | 20.29     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 23.02                 | -0.70      | 20.17     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.57                 | -0.70      | 19.72     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 22.91                 | -0.70      | 20.06     | <=34.77 | Pass    |
|                                   |                 | 50            | 0      | 22.50                 | -0.70      | 19.65     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.64                 | -0.70      | 20.79     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 23.27                 | -0.70      | 20.42     | <=34.77 | Pass    |
|                                   | 836.5           | 1             | 49     | 23.38                 | -0.70      | 20.53     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.05                 | -0.70      | 20.20     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.56                 | -0.70      | 19.71     | <=34.77 | Pass    |
|                                   |                 | 25            | 25     | 23.03                 | -0.70      | 20.18     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 22.42                 | -0.70      | 19.57     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 23.35                 | -0.70      | 20.50     | <=34.77 | Pass    |
|                                   |                 | 50            | 25     | 23.35                 | -0.70      | 20.50     | <=34.77 | Pass    |
|                                   |                 |               | 49     | 23.30                 | -0.70      | 20.45     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 22.64                 | -0.70      | 19.79     | <=34.77 | Pass    |
|                                   | 844             | 25            | 13     | 22.99                 | -0.70      | 20.14     | <=34.77 | Pass    |
|                                   |                 |               | 25     | 22.48                 | -0.70      | 19.63     | <=34.77 | Pass    |
|                                   |                 |               | 0      | 22.89                 | -0.70      | 20.04     | <=34.77 | 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         | 3.15          | -33.674          | -0.0408               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.70          | -10.543          | -0.0128               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.26          | -15.521          | -0.0188               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.70          | -8.612           | -0.0104               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.70          | -37.436          | -0.0454               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.70          | -31.300          | -0.0380               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.70          | -12.717          | -0.0154               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.70          | -15.836          | -0.0192               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.70          | -16.336          | -0.0198               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.70          | -6.824           | -0.0083               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.70          | -41.142          | -0.0499               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.15          | 6.895            | 0.0082                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.70          | -14.033          | -0.0168               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.26          | -26.364          | -0.0315               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.70          | -34.847          | -0.0417               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.70          | -38.652          | -0.0462               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.70          | 4.134            | 0.0049                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.70          | -2.103           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.70          | -4.005           | -0.0048               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.70          | -7.811           | -0.0093               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.70          | -17.266          | -0.0206               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.70          | -18.482          | -0.0221               | -2.5 to 2.5 | Pass    |
|                             | 848.3           | 6             | 0      | 20         | 3.15          | 11.458           | 0.0135                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.70          | -23.017          | -0.0271               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.26          | -41.957          | -0.0495               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.70          | -46.077          | -0.0543               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.70          | -39.811          | -0.0469               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.70          | -21.029          | -0.0248               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.70          | -1.273           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.70          | -24.805          | -0.0292               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.70          | -40.927          | -0.0482               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.70          | -13.003          | -0.0153               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.70          | -29.984          | -0.0353               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 824.7           | 6             | 0      | 20         | 3.15          | -15.821          | -0.0192               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.70          | 22.130           | 0.0268                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.26          | 24.362           | 0.0295                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.70          | 27.709           | 0.0336                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.70          | 30.098           | 0.0365                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.70          | 24.977           | 0.0303                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.70          | 16.308           | 0.0198                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.70          | 7.739            | 0.0094                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.70          | -8.554           | -0.0104               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.70          | -17.581          | -0.0213               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.70          | -25.277          | -0.0306               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.15          | -16.809          | -0.0201               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.70          | 23.332           | 0.0279                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.26          | 45.118           | 0.0539                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.70          | 1.659            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.70          | 7.181            | 0.0086                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.70          | 8.454            | 0.0101                | -2.5 to 2.5 | Pass    |

|  |       |   |   |     |      |         |         |             |      |
|--|-------|---|---|-----|------|---------|---------|-------------|------|
|  |       |   |   | 0   | 3.70 | 9.885   | 0.0118  | -2.5 to 2.5 | Pass |
|  |       |   |   | 10  | 3.70 | 15.192  | 0.0182  | -2.5 to 2.5 | Pass |
|  |       |   |   | 30  | 3.70 | 12.846  | 0.0154  | -2.5 to 2.5 | Pass |
|  |       |   |   | 40  | 3.70 | 16.193  | 0.0194  | -2.5 to 2.5 | Pass |
|  |       |   |   | 50  | 3.70 | 13.819  | 0.0165  | -2.5 to 2.5 | Pass |
|  | 848.3 | 6 | 0 | 20  | 3.15 | -43.316 | -0.0511 | -2.5 to 2.5 | Pass |
|  |       |   |   |     | 3.70 | -14.863 | -0.0175 | -2.5 to 2.5 | Pass |
|  |       |   |   |     | 4.26 | -6.065  | -0.0071 | -2.5 to 2.5 | Pass |
|  |       |   |   | -30 | 3.70 | -2.174  | -0.0026 | -2.5 to 2.5 | Pass |
|  |       |   |   | -20 | 3.70 | -8.025  | -0.0095 | -2.5 to 2.5 | Pass |
|  |       |   |   | -10 | 3.70 | -9.727  | -0.0115 | -2.5 to 2.5 | Pass |
|  |       |   |   | 0   | 3.70 | -15.478 | -0.0182 | -2.5 to 2.5 | Pass |
|  |       |   |   | 10  | 3.70 | -17.796 | -0.0210 | -2.5 to 2.5 | Pass |
|  |       |   |   | 30  | 3.70 | -23.646 | -0.0279 | -2.5 to 2.5 | Pass |
|  |       |   |   | 40  | 3.70 | -27.351 | -0.0322 | -2.5 to 2.5 | Pass |
|  |       |   |   | 50  | 3.70 | -32.244 | -0.0380 | -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         | 3.15          | 19.240           | 0.0233                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.70          | -34.146          | -0.0414               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.26          | -36.607          | -0.0443               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.70          | -26.951          | -0.0326               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.70          | -4.034           | -0.0049               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.70          | -21.701          | -0.0263               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.70          | -37.708          | -0.0457               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.70          | -0.601           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.70          | -4.835           | -0.0059               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.70          | -13.762          | -0.0167               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 15            | 0      | 20         | 3.15          | 4.935            | 0.0059                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.70          | 0.644            | 0.0008                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.26          | -3.319           | -0.0040               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.70          | -2.975           | -0.0036               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.70          | -4.921           | -0.0059               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.70          | -4.649           | -0.0056               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.70          | -1.388           | -0.0017               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.70          | 1.059            | 0.0013                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.70          | 5.493            | 0.0066                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.70          | 6.366            | 0.0076                | -2.5 to 2.5 | Pass    |
|                           | 847.5           | 15            | 0      | 20         | 3.15          | 13.547           | 0.0160                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.70          | -20.785          | -0.0245               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.26          | -12.932          | -0.0153               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.70          | -10.371          | -0.0122               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.70          | -40.569          | -0.0479               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.70          | -13.061          | -0.0154               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.70          | -29.669          | -0.0350               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.70          | -45.075          | -0.0532               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.70          | -7.696           | -0.0091               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.70          | -16.894          | -0.0199               | -2.5 to 2.5 | Pass    |
| 16QAM                     | 825.5           | 15            | 0      | 20         | 3.15          | -28.510          | -0.0345               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.70          | 27.051           | 0.0328                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.26          | 8.011            | 0.0097                | -2.5 to 2.5 | Pass    |

|  |       |        |        |       |      |        |        |             |         |
|--|-------|--------|--------|-------|------|--------|--------|-------------|---------|
|  |       |        |        | -30   | 3.70 | 20.685 | 0.0251 | -2.5 to 2.5 | Pass    |
|  |       |        |        | -20   | 3.70 | 26.450 | 0.0320 | -2.5 to 2.5 | Pass    |
|  |       |        |        | -10   | 3.70 | 29.011 | 0.0351 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 0     | 3.70 | 34.919 | 0.0423 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 10    | 3.70 | 38.724 | 0.0469 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 30    | 3.70 | 38.280 | 0.0464 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 40    | 3.70 | 39.411 | 0.0477 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 50    | 3.70 | 39.825 | 0.0482 | -2.5 to 2.5 | Pass    |
|  | 836.5 | 15     | 0      | 20    | 3.15 | 6.738  | 0.0081 | -2.5 to 2.5 | Pass    |
|  |       |        |        |       | 3.70 | 4.563  | 0.0055 | -2.5 to 2.5 | Pass    |
|  |       |        |        |       | 4.26 | 27.452 | 0.0328 | -2.5 to 2.5 | Pass    |
|  |       |        |        | -30   | 3.70 | 46.678 | 0.0558 | -2.5 to 2.5 | Pass    |
|  |       |        |        | -20   | 3.70 | 3.376  | 0.0040 | -2.5 to 2.5 | Pass    |
|  |       |        |        | -10   | 3.70 | 9.713  | 0.0116 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 0     | 3.70 | 11.516 | 0.0138 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 10    | 3.70 | 18.511 | 0.0221 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 30    | 3.70 | 29.526 | 0.0353 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 40    | 3.70 | 37.451 | 0.0448 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 50    | 3.70 | 40.727 | 0.0487 | -2.5 to 2.5 | Pass    |
|  |       |        |        | 847.5 | 15   | 0      | 20     | 3.15        | -36.879 |
|  | 3.70  | 13.862 | 0.0164 |       |      |        |        | -2.5 to 2.5 | Pass    |
|  | 4.26  | 38.466 | 0.0454 |       |      |        |        | -2.5 to 2.5 | Pass    |
|  | -30   | 3.70   | 4.649  |       |      |        | 0.0055 | -2.5 to 2.5 | Pass    |
|  | -20   | 3.70   | 14.977 |       |      |        | 0.0177 | -2.5 to 2.5 | Pass    |
|  | -10   | 3.70   | 23.360 |       |      |        | 0.0276 | -2.5 to 2.5 | Pass    |
|  | 0     | 3.70   | 31.643 |       |      |        | 0.0373 | -2.5 to 2.5 | Pass    |
|  | 10    | 3.70   | 35.520 |       |      |        | 0.0419 | -2.5 to 2.5 | Pass    |
|  | 30    | 3.70   | 35.992 |       |      |        | 0.0425 | -2.5 to 2.5 | Pass    |
|  | 40    | 3.70   | 34.461 |       |      |        | 0.0407 | -2.5 to 2.5 | Pass    |
|  | 50    | 3.70   | 30.513 |       |      |        | 0.0360 | -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         | 3.15          | -5.322           | -0.0064               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.70          | -42.043          | -0.0509               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.26          | -39.339          | -0.0476               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.70          | -30.241          | -0.0366               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.70          | -4.807           | -0.0058               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.70          | -23.303          | -0.0282               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.70          | -32.787          | -0.0397               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.70          | -44.904          | -0.0543               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.70          | -4.678           | -0.0057               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.70          | -11.816          | -0.0143               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.70          | -19.856          | -0.0240               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.15          | 7.138            | 0.0085                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.70          | 7.296            | 0.0087                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.26          | 11.973           | 0.0143                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.70          | 20.070           | 0.0240                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.70          | 23.947           | 0.0286                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.70          | 29.211           | 0.0349                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.70          | 29.054           | 0.0347                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.70          | 36.392           | 0.0435                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.70          | 41.041           | 0.0491                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.70          | 42.572           | 0.0509                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.70          | 45.633           | 0.0546                | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       | 846.5 | 25 | 0 | 20  | 3.15 | 17.509  | 0.0207  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | -37.851 | -0.0447 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | -14.119 | -0.0167 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | -4.621  | -0.0055 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | -28.825 | -0.0341 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | -46.692 | -0.0552 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | -12.932 | -0.0153 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | -20.528 | -0.0243 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | -25.620 | -0.0303 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | -35.291 | -0.0417 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | -41.056 | -0.0485 | -2.5 to 2.5 | Pass |
| 16QAM | 826.5 | 25 | 0 | 20  | 3.15 | -26.250 | -0.0318 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | -0.286  | -0.0003 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | 10.414  | 0.0126  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | 15.063  | 0.0182  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | 16.580  | 0.0201  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | 19.598  | 0.0237  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | 22.531  | 0.0273  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | 24.004  | 0.0290  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | 23.704  | 0.0287  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | 24.648  | 0.0298  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | 25.291  | 0.0306  | -2.5 to 2.5 | Pass |
|       | 836.5 | 25 | 0 | 20  | 3.15 | 3.176   | 0.0038  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | 4.907   | 0.0059  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | 29.411  | 0.0352  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | 43.387  | 0.0519  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | 3.376   | 0.0040  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | 3.848   | 0.0046  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | 8.812   | 0.0105  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | 16.036  | 0.0192  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | 26.522  | 0.0317  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | 30.341  | 0.0363  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | 38.824  | 0.0464  | -2.5 to 2.5 | Pass |
|       | 846.5 | 25 | 0 | 20  | 3.15 | 1.130   | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | 0.958   | 0.0011  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | 23.603  | 0.0279  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | 37.823  | 0.0447  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | 5.593   | 0.0066  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | 14.777  | 0.0175  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | 17.910  | 0.0212  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | 23.017  | 0.0272  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | 30.026  | 0.0355  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | 32.630  | 0.0385  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | 26.708  | 0.0316  | -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         | 3.15          | -29.683          | -0.0358               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.70          | -45.033          | -0.0543               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.26          | -24.605          | -0.0297               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.70          | -15.736          | -0.0190               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.70          | -33.889          | -0.0409               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.70          | -43.488          | -0.0525               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.70          | -0.529           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.70          | -8.068           | -0.0097               | -2.5 to 2.5 | Pass    |



|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       |       |    |   | 30  | 3.70 | -14.520 | -0.0175 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | -21.658 | -0.0261 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | -26.579 | -0.0321 | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.15 | 33.445  | 0.0400  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | -40.884 | -0.0489 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | -18.554 | -0.0222 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | -28.667 | -0.0343 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | -38.180 | -0.0456 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | -41.442 | -0.0495 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | -46.134 | -0.0552 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | -6.852  | -0.0082 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | -8.440  | -0.0101 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | -8.941  | -0.0107 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | -18.024 | -0.0215 | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.15 | -2.060  | -0.0024 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | -16.680 | -0.0198 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | -33.445 | -0.0396 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | -18.754 | -0.0222 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | -31.915 | -0.0378 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | -8.898  | -0.0105 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | -22.659 | -0.0268 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | -32.544 | -0.0386 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | -41.242 | -0.0489 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | -48.265 | -0.0572 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | -5.593  | -0.0066 | -2.5 to 2.5 | Pass |
| 16QAM | 829   | 50 | 0 | 20  | 3.15 | -19.727 | -0.0238 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | 38.953  | 0.0470  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | 15.063  | 0.0182  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | 22.588  | 0.0272  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | 34.075  | 0.0411  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | 43.659  | 0.0527  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | 43.616  | 0.0526  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | 4.206   | 0.0051  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | 6.652   | 0.0080  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | 9.413   | 0.0114  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | 12.460  | 0.0150  | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.15 | -6.051  | -0.0072 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | 28.110  | 0.0336  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | 23.918  | 0.0286  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | 39.897  | 0.0477  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | 1.645   | 0.0020  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | 7.839   | 0.0094  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | 9.985   | 0.0119  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | 23.446  | 0.0280  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | 25.592  | 0.0306  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | 28.939  | 0.0346  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | 32.058  | 0.0383  | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.15 | -3.934  | -0.0047 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.70 | 24.390  | 0.0289  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.26 | 38.538  | 0.0457  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.70 | 44.289  | 0.0525  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.70 | 1.273   | 0.0015  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.70 | 1.502   | 0.0018  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.70 | 0.715   | 0.0008  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.70 | -0.043  | -0.0001 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.70 | -0.544  | -0.0006 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.70 | -4.706  | -0.0056 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.70 | -4.034  | -0.0048 | -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

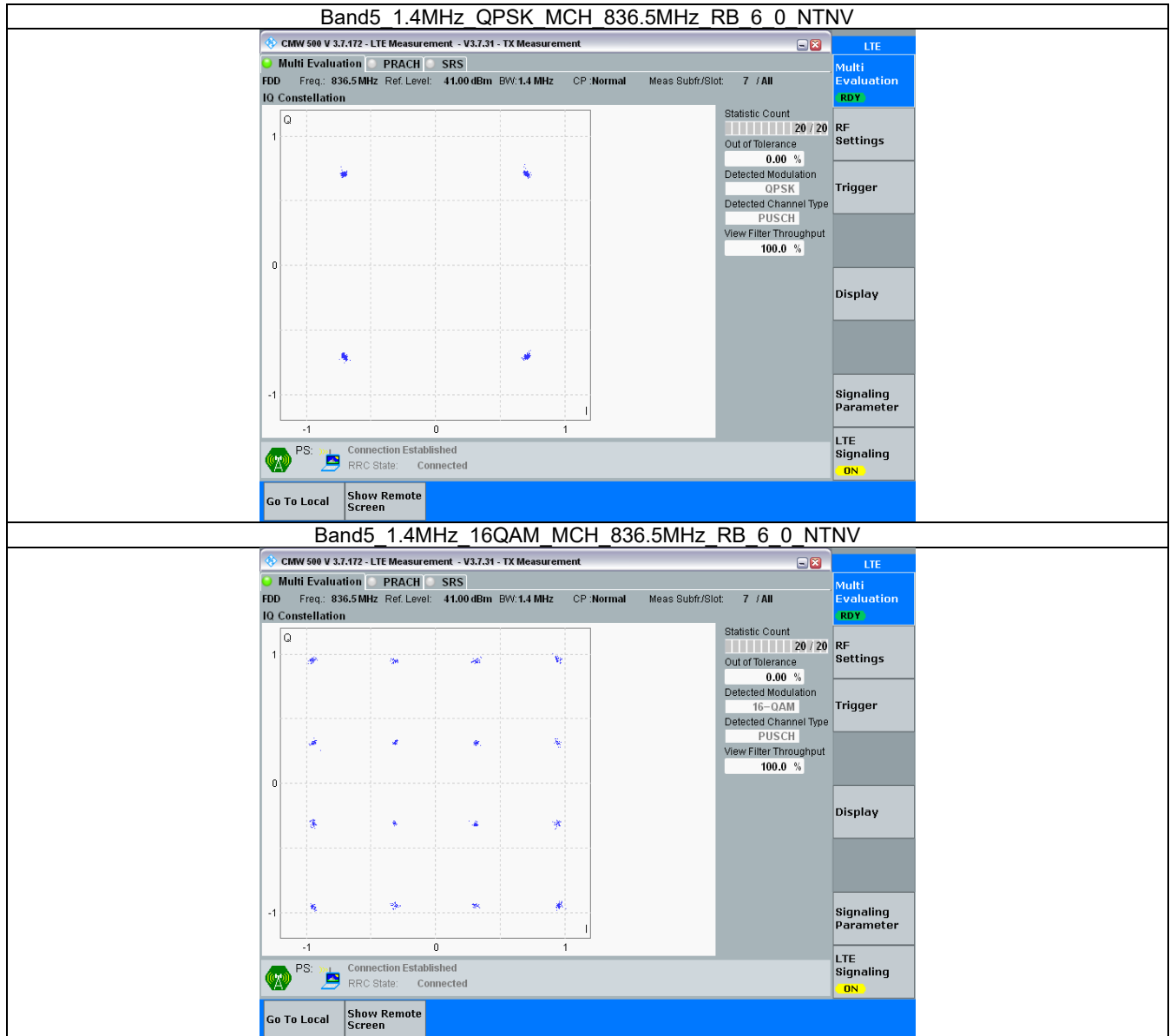
| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency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

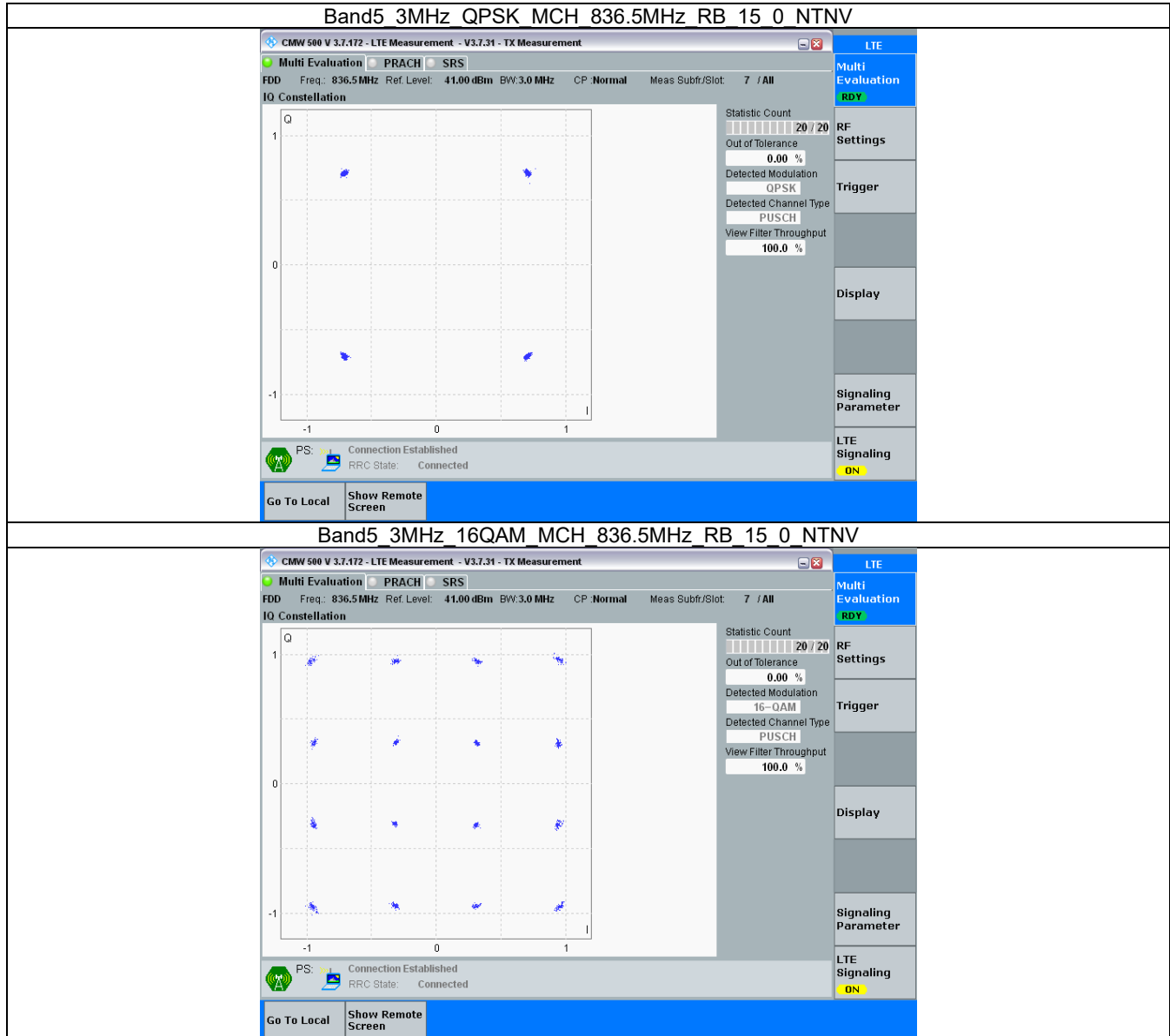
| Band: 5 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency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

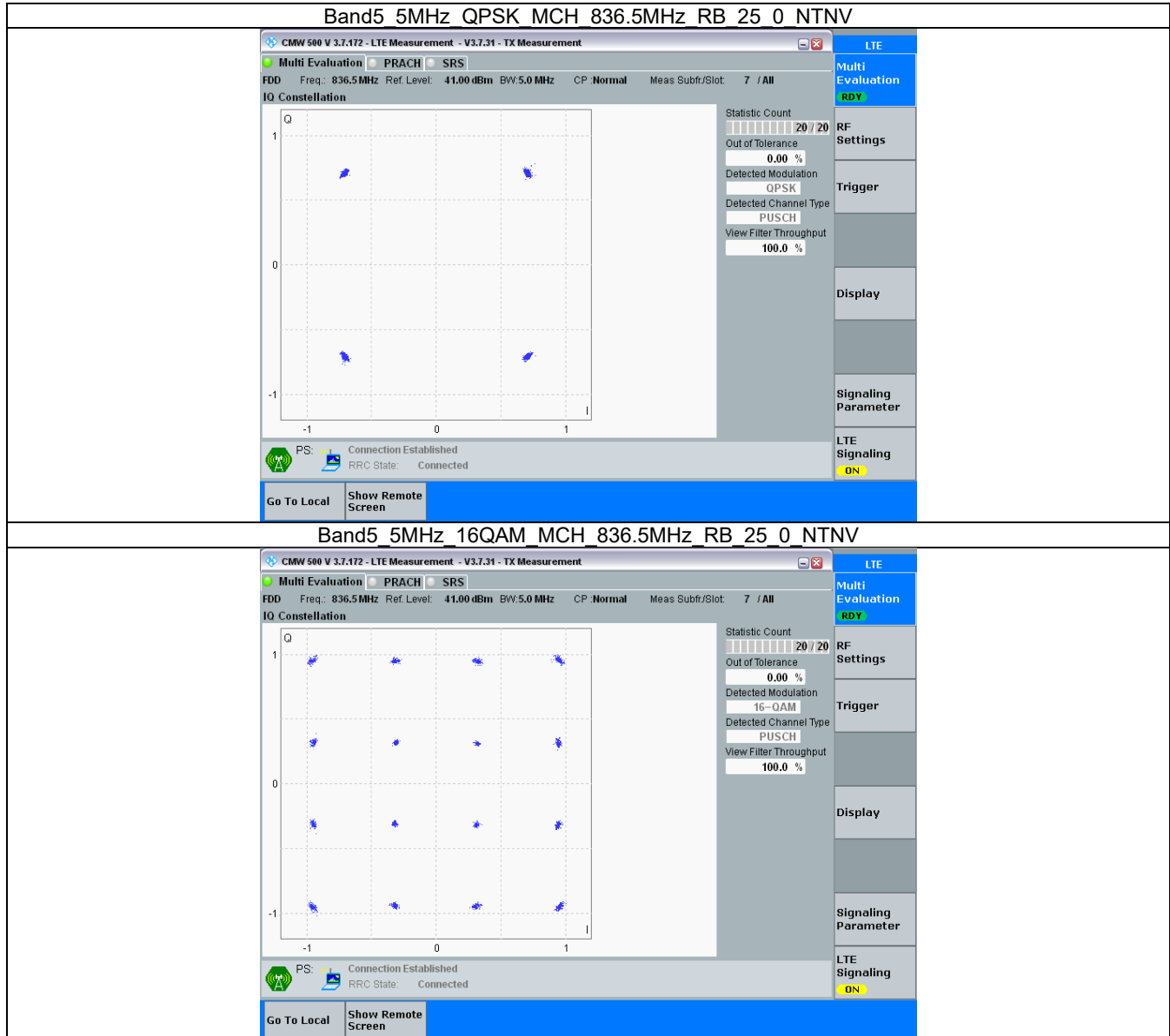
### 3.2.1 B5\_1.4MHz



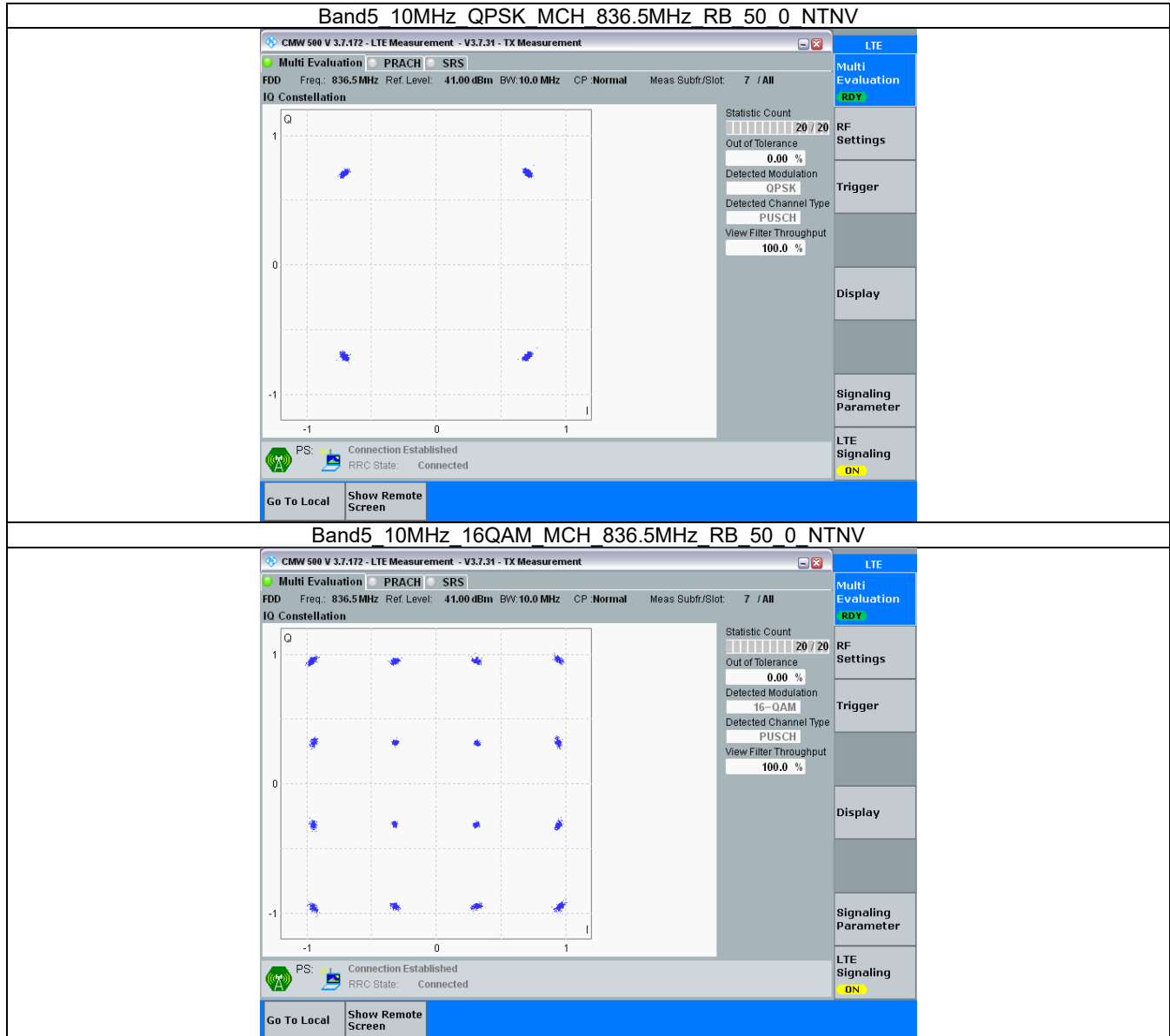
### 3.2.2 B5\_3MHz



### 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      | 1.108                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.103                        | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.113                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.113                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.104                        | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.749                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.749                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.736                        | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.762                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.771                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.755                        | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.552                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.538                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.538                        | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.560                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.564                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.567                        | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.072                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.076                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.029                        | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.062                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.049                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.043                        | /     | Pass    |

#### 4.1.2 Band5\_XDB

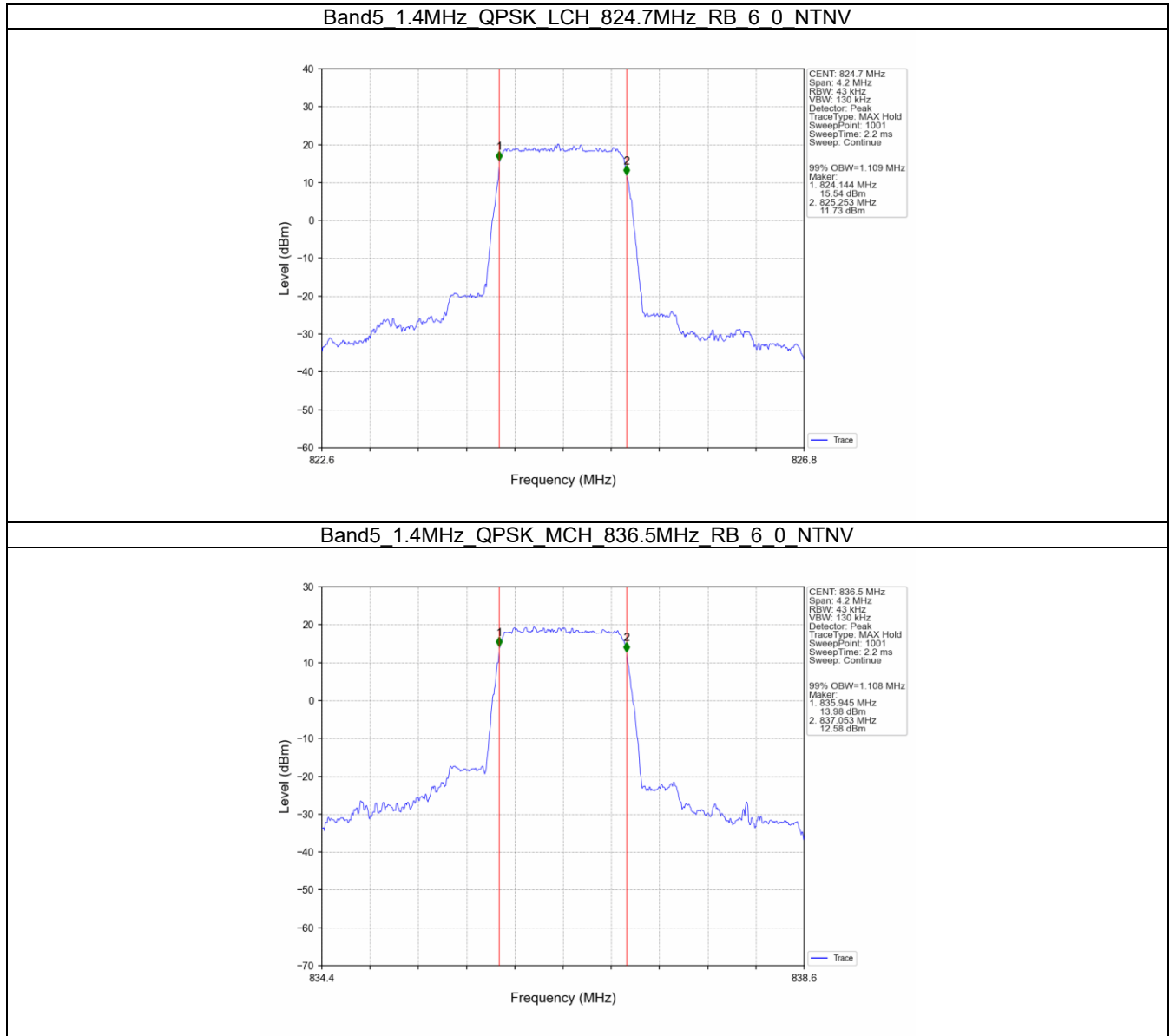
| Band: 5 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 824.7           | 6             | 0      | 1.267                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.269                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.272                | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.268                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.264                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.280                | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.081                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.096                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.073                | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.086                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.113                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.077                | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.076                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.028                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.021                | /     | Pass    |

|    |       |       |    |   |        |   |      |
|----|-------|-------|----|---|--------|---|------|
| 10 | 16QAM | 826.5 | 25 | 0 | 5.042  | / | Pass |
|    |       | 836.5 | 25 | 0 | 5.046  | / | Pass |
|    |       | 846.5 | 25 | 0 | 5.047  | / | Pass |
|    | QPSK  | 829   | 50 | 0 | 9.993  | / | Pass |
|    |       | 836.5 | 50 | 0 | 9.977  | / | Pass |
|    |       | 844   | 50 | 0 | 9.862  | / | Pass |
|    | 16QAM | 829   | 50 | 0 | 10.087 | / | Pass |
|    |       | 836.5 | 50 | 0 | 10.024 | / | Pass |
|    |       | 844   | 50 | 0 | 10.037 | / | Pass |

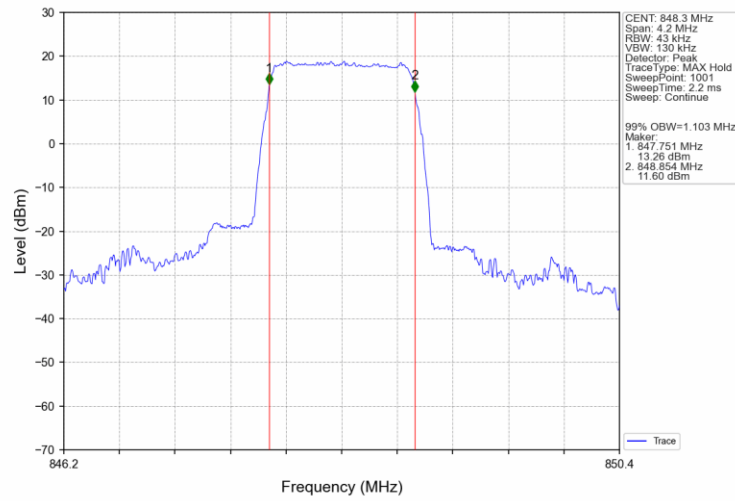


## 4.2 Test Graph

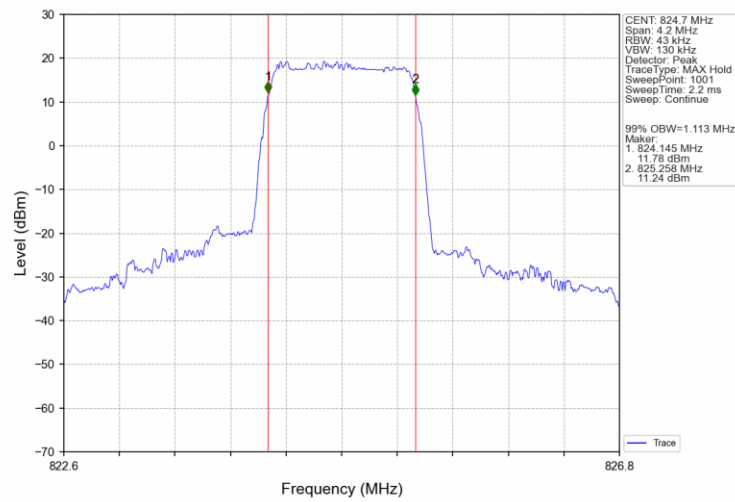
### 4.2.1 Band5\_OBW



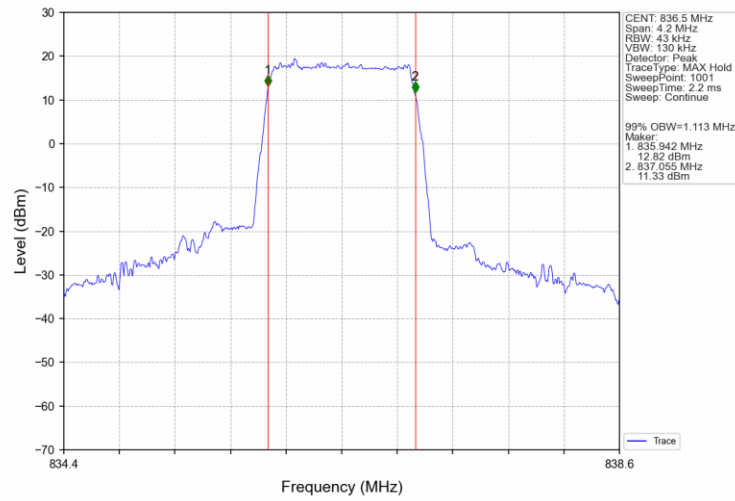
### Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



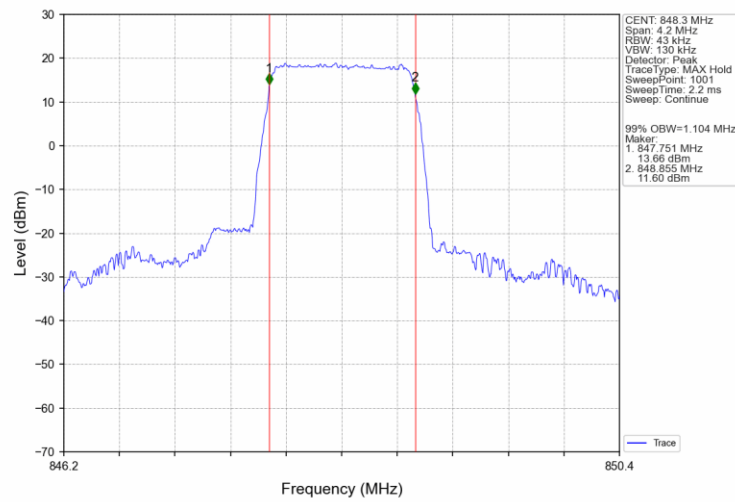
### Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



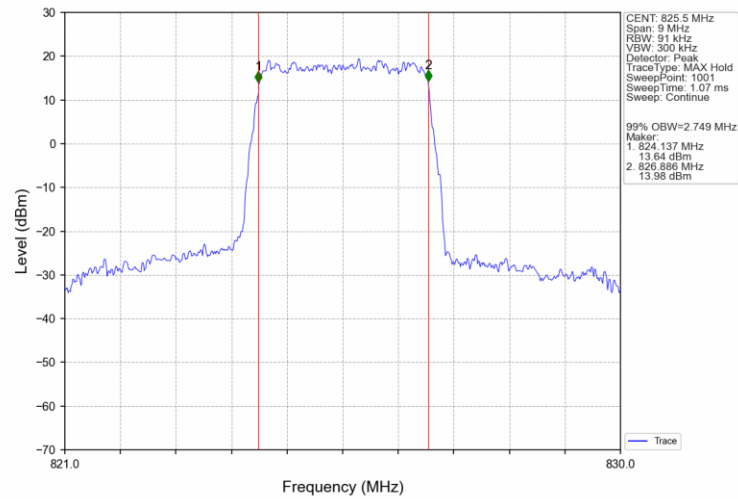
### Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



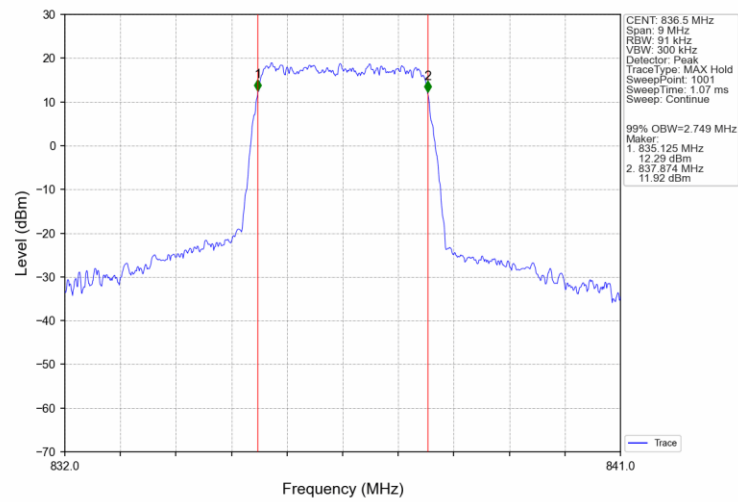
### Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



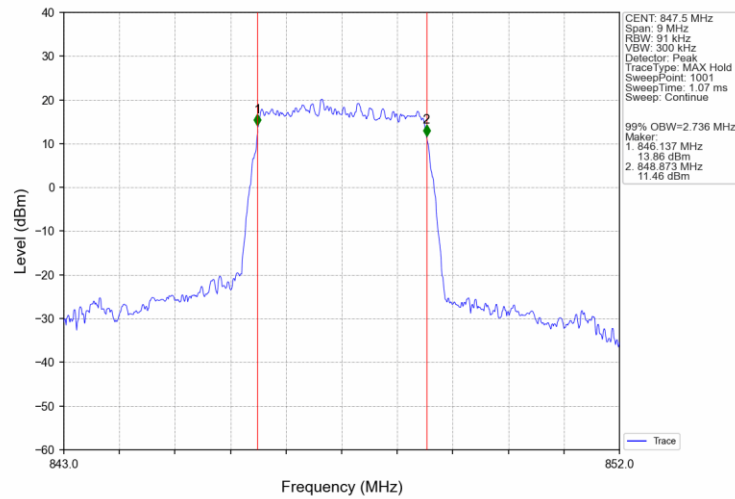
### Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



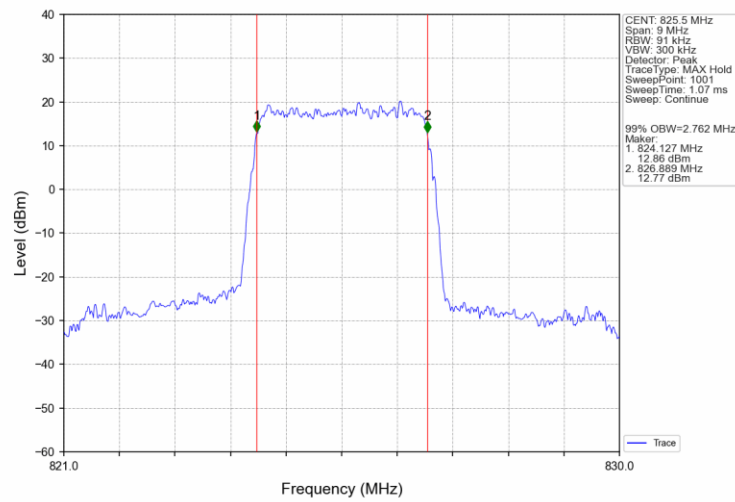
### Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



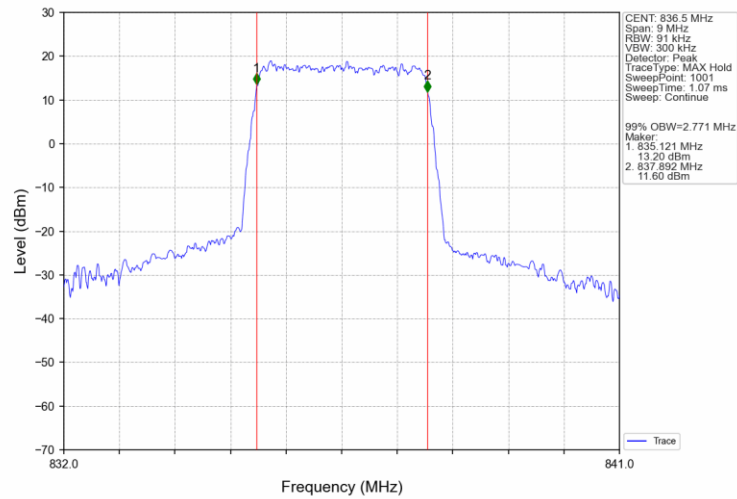
### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



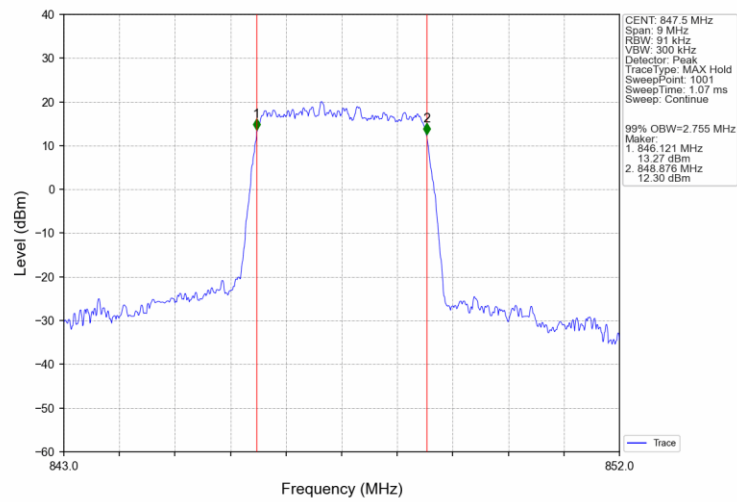
### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



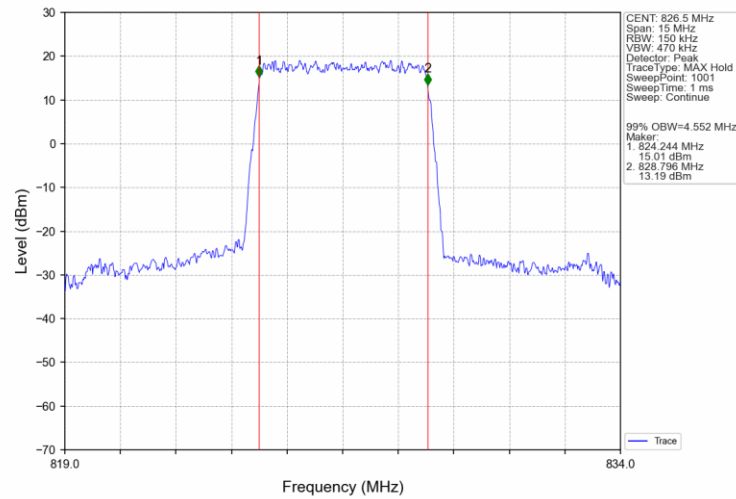
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



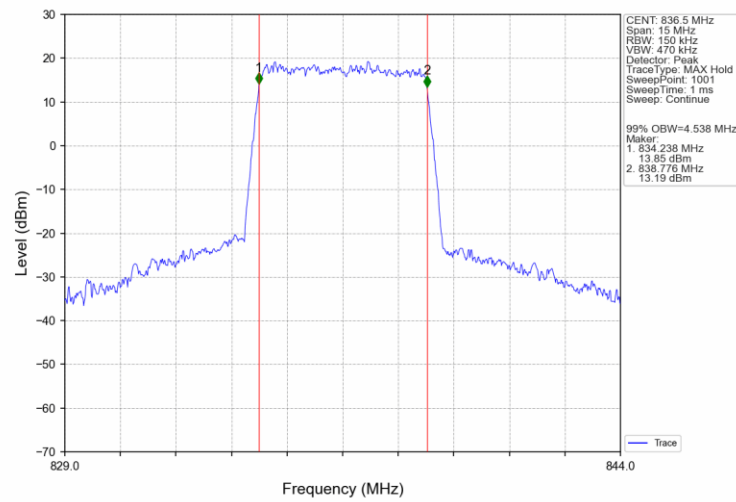
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



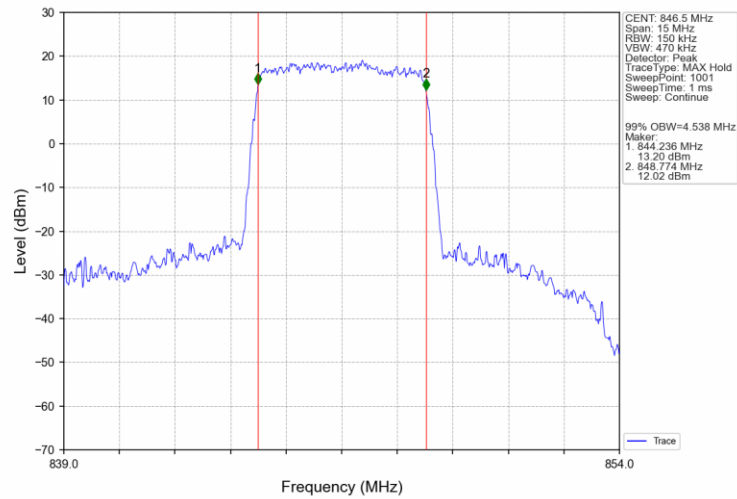
### Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



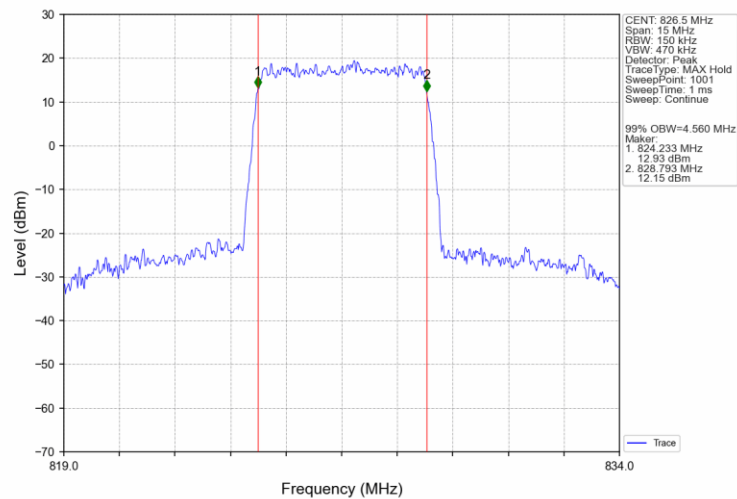
### Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



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

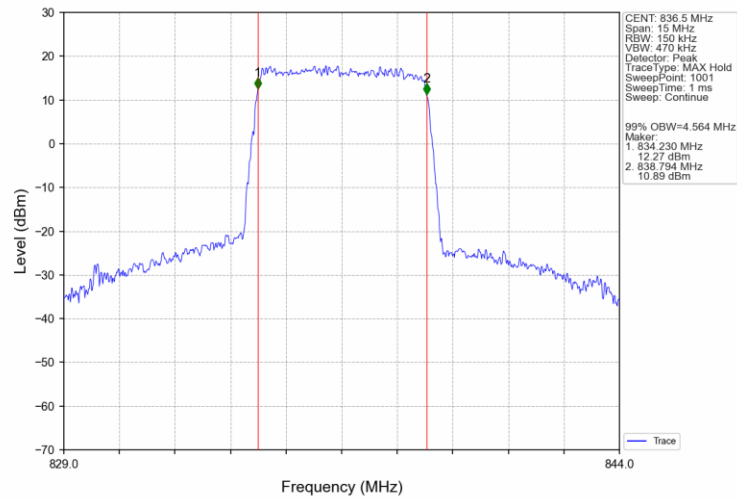


### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

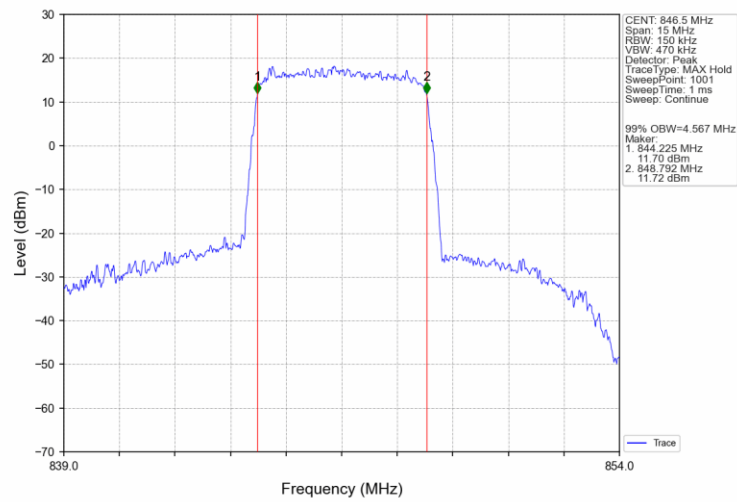




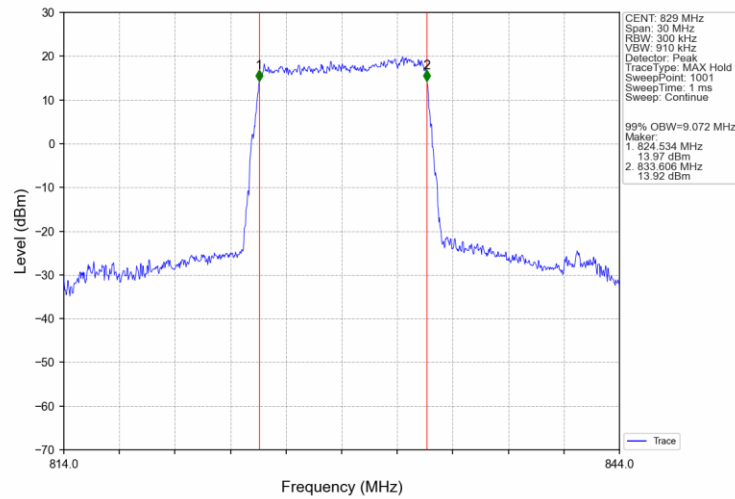
### Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



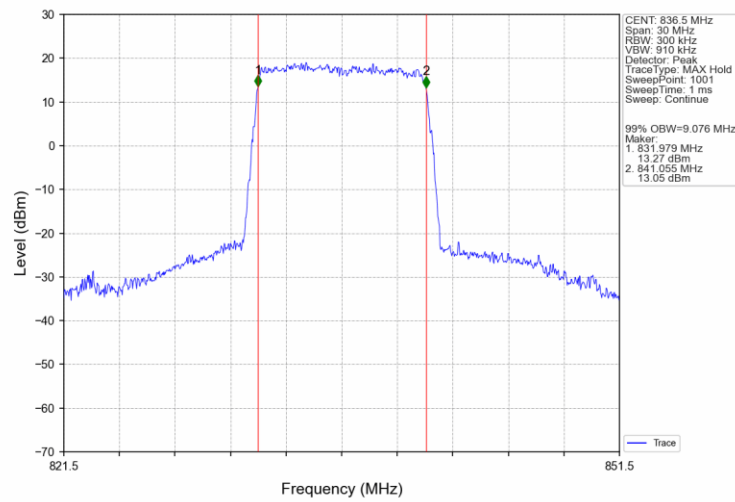
### Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



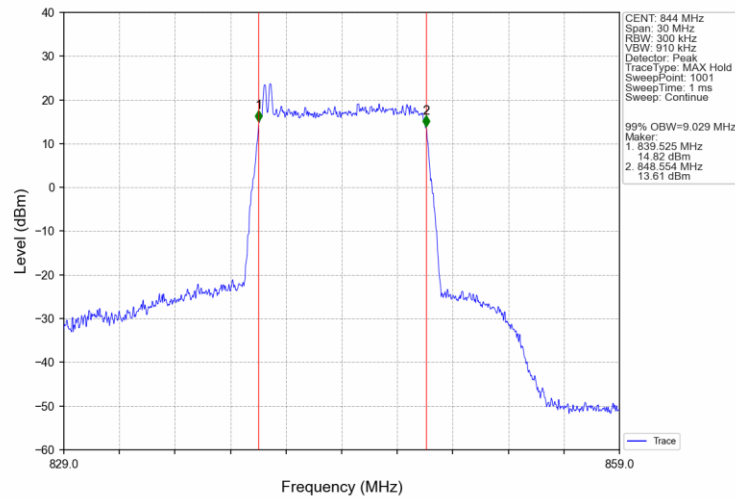
### Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



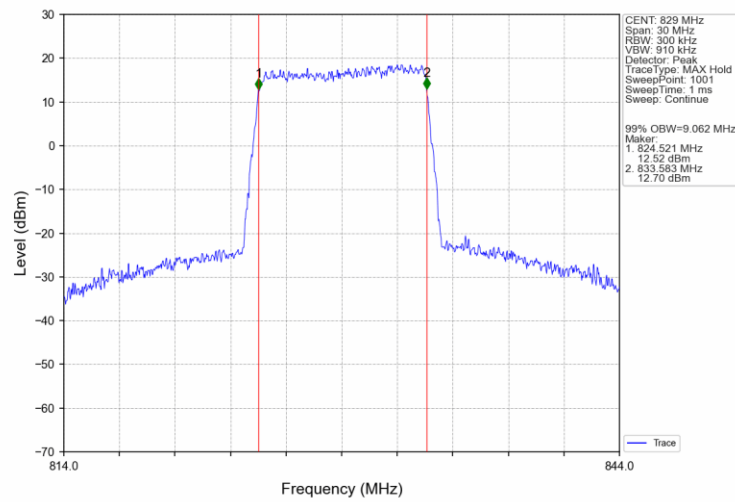
### Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



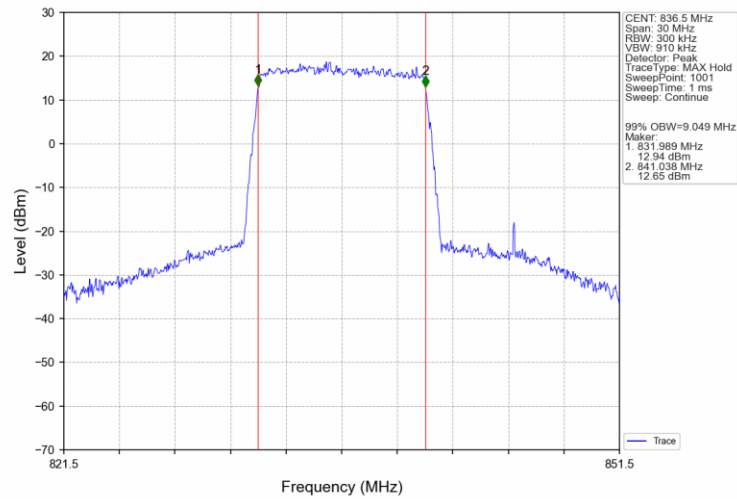
### Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



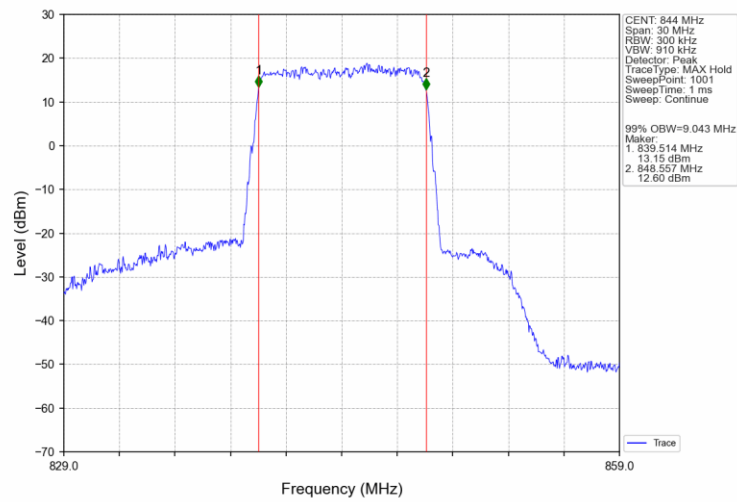
### Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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

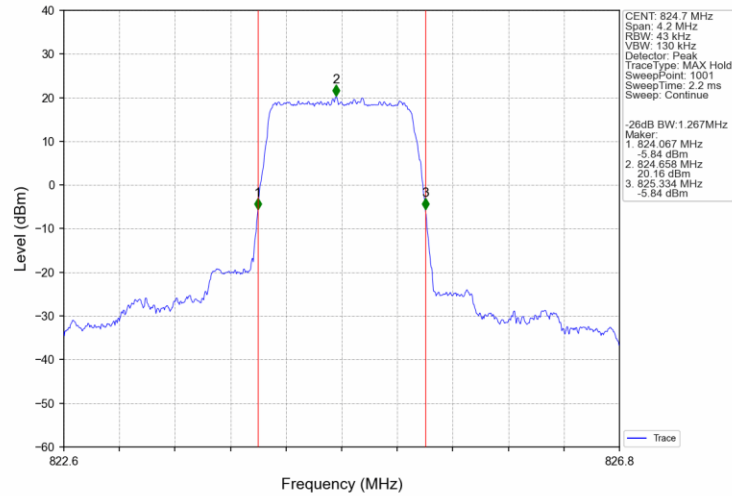


### Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

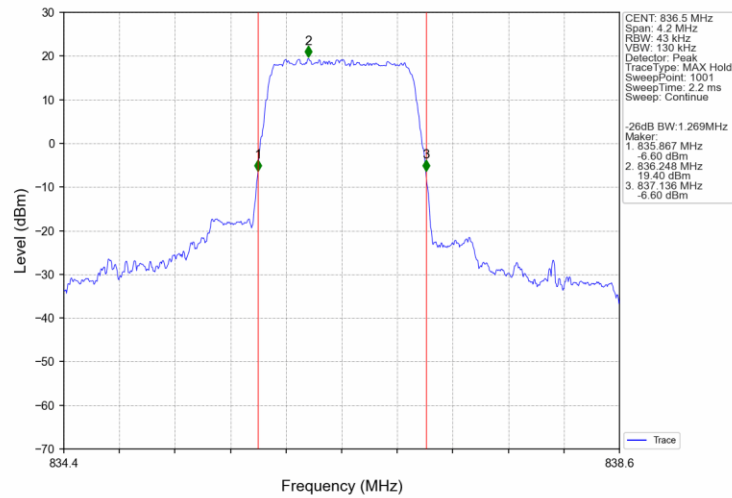


## 4.2.2 Band5\_XDB

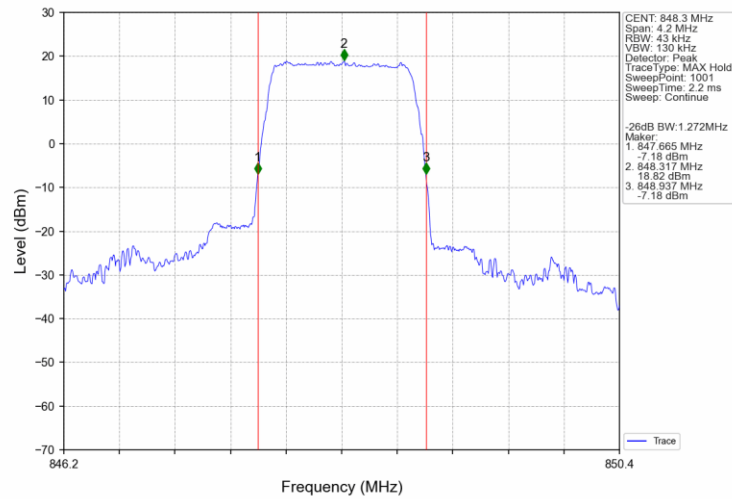
Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



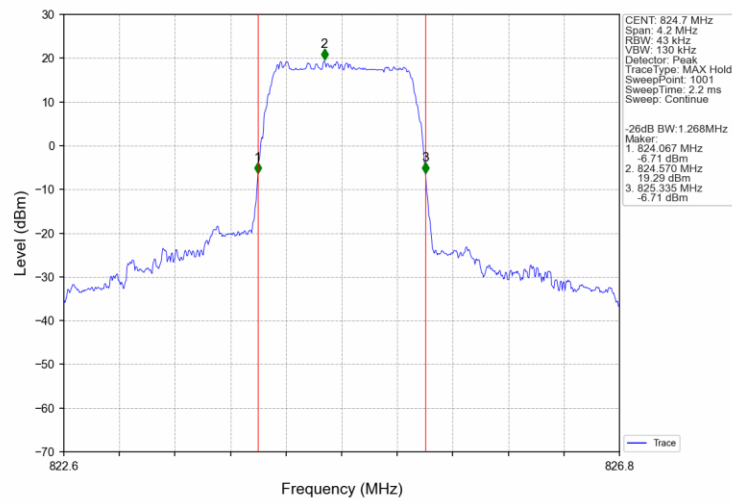
Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



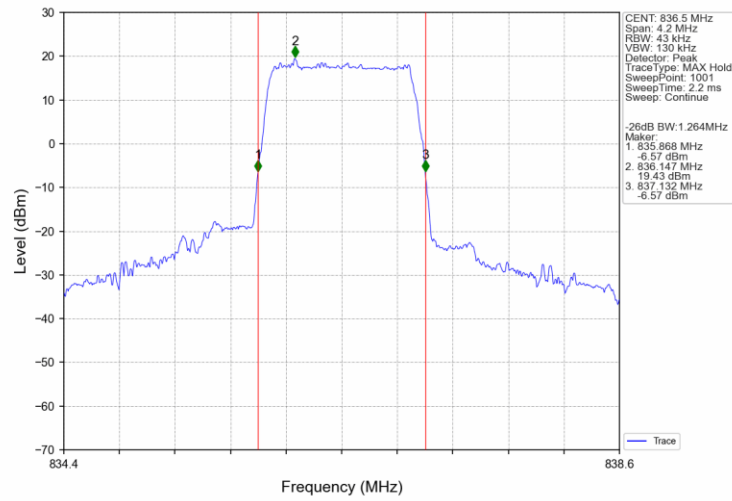
### Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



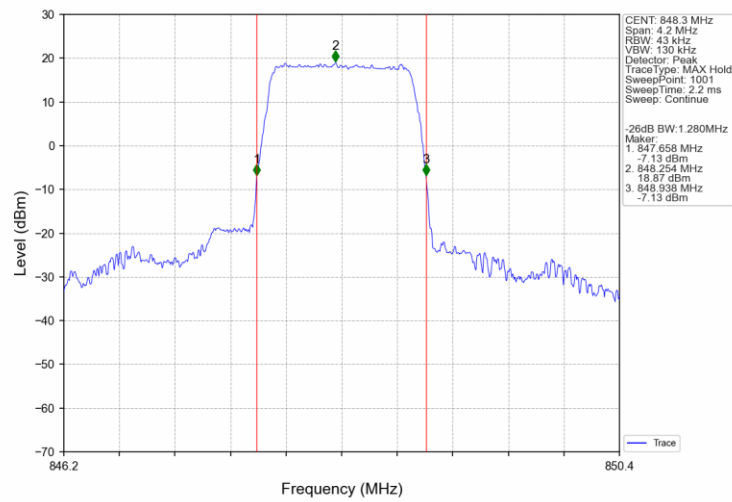
### Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



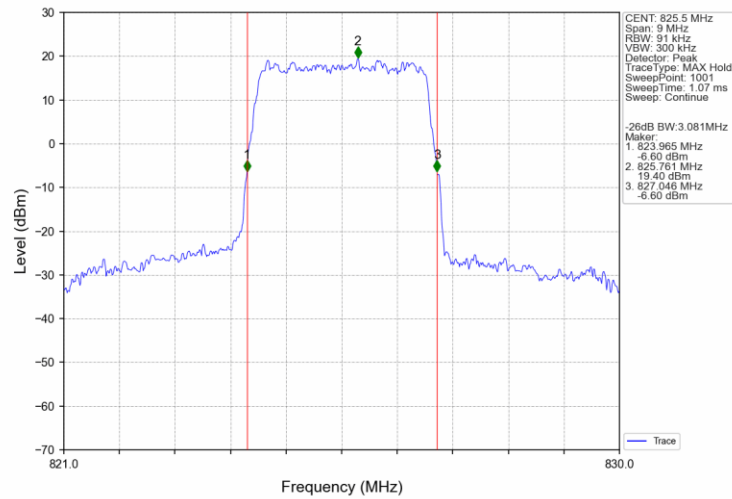
### Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



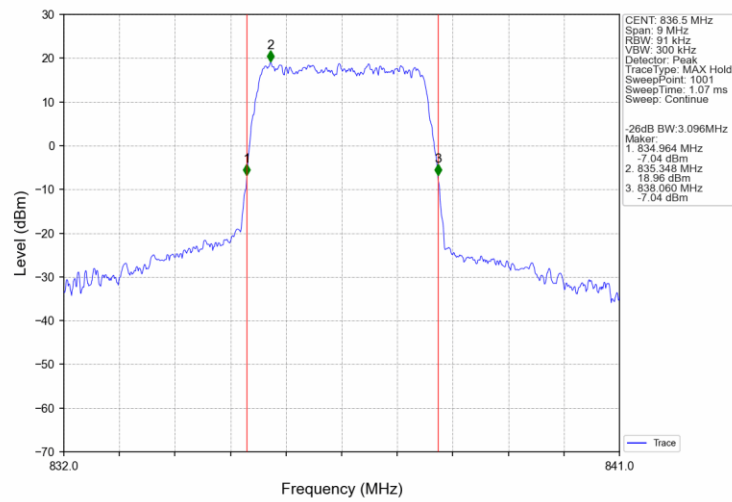
### Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



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

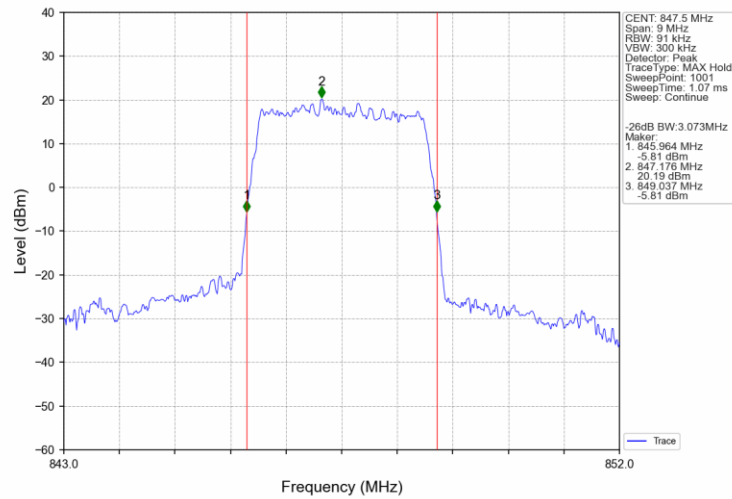


### Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

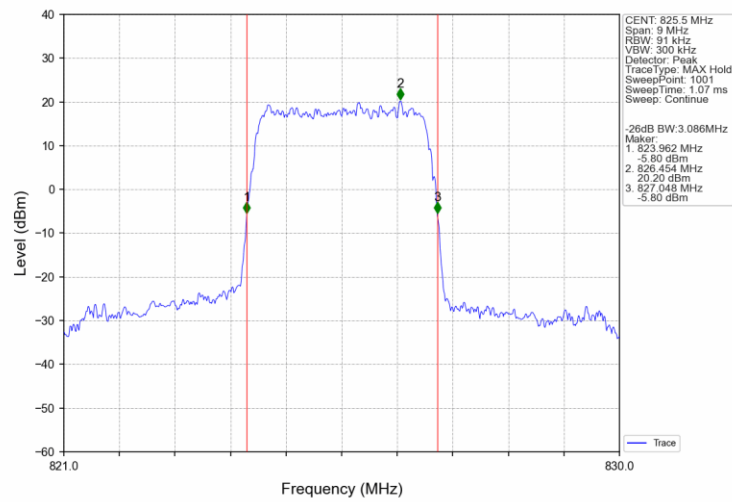




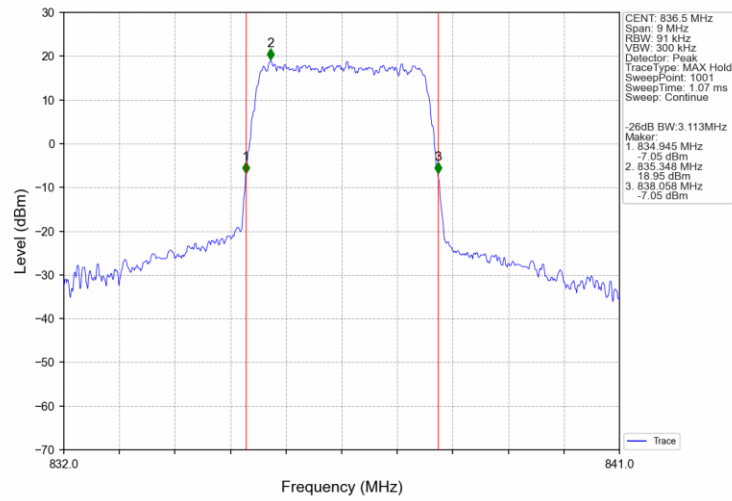
### Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



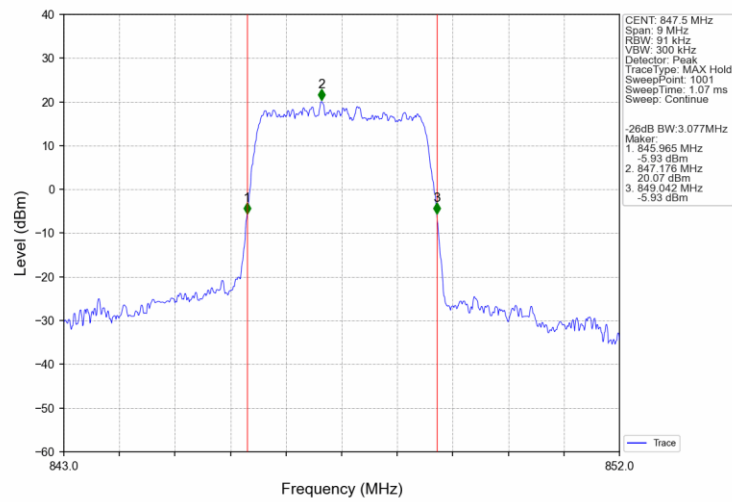
### Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



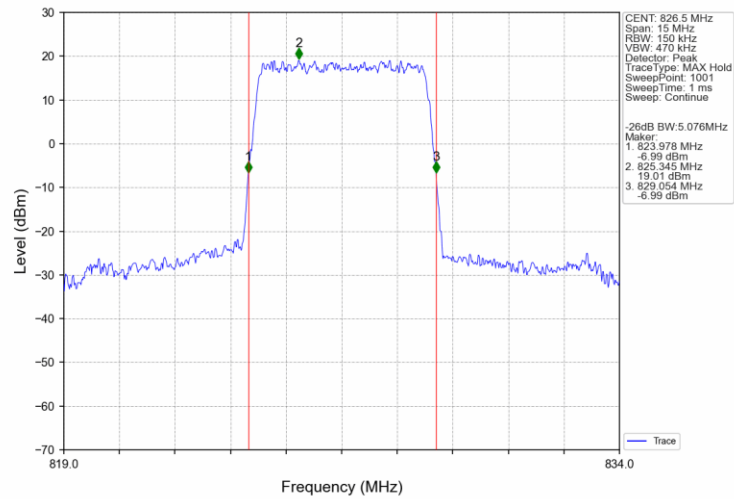
### Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTV



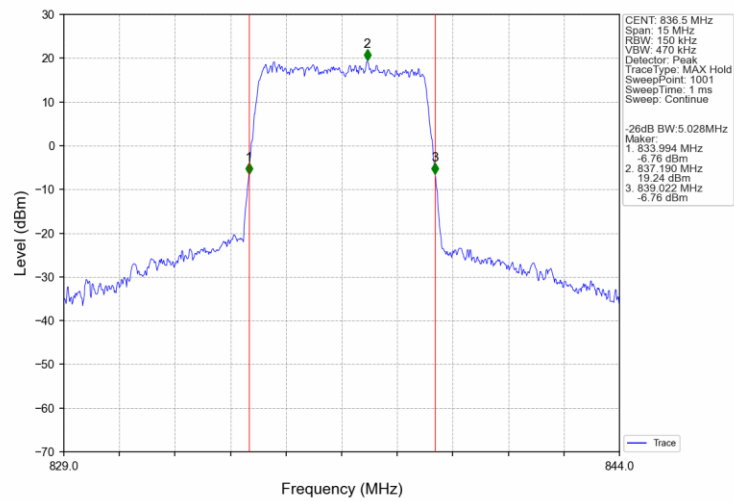
### Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTV



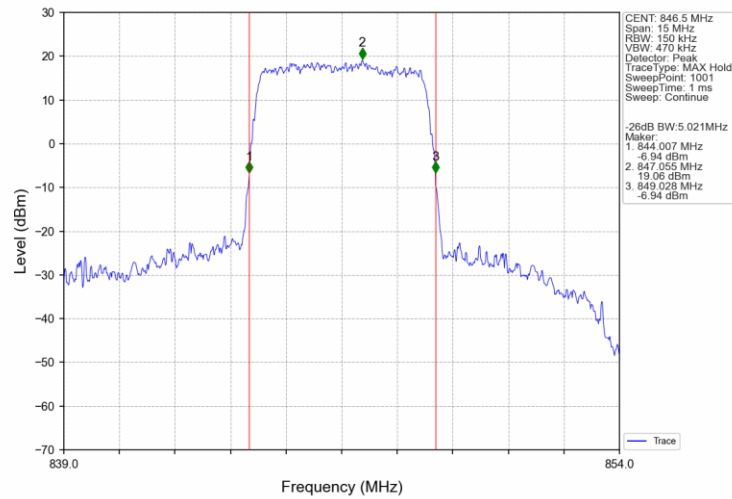
### Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



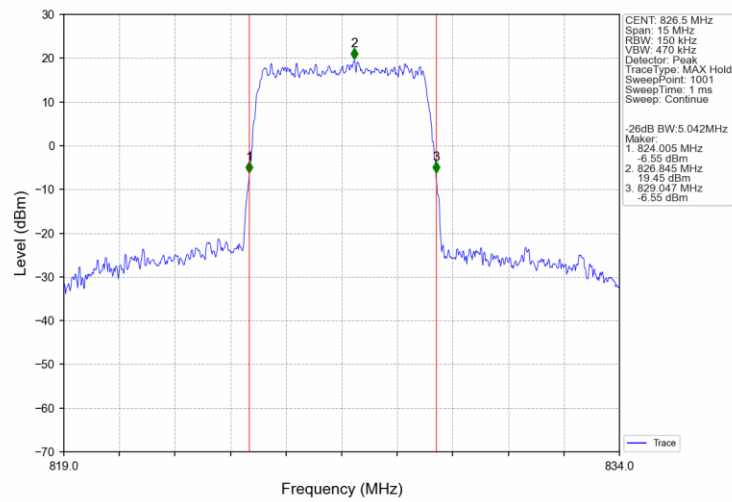
### Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



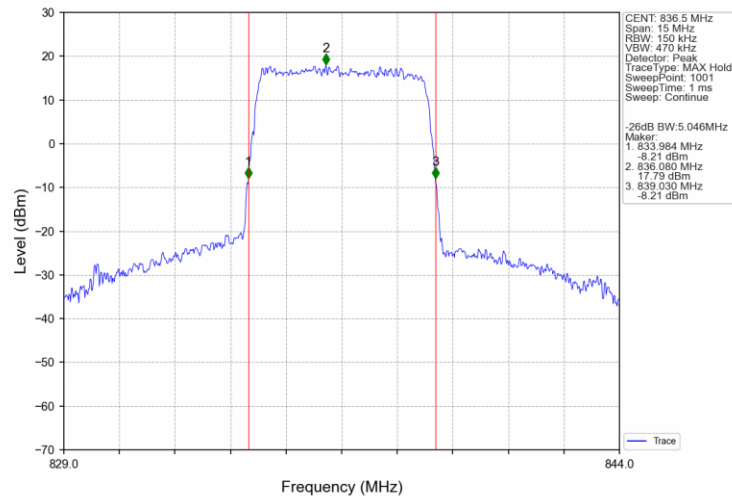
### Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



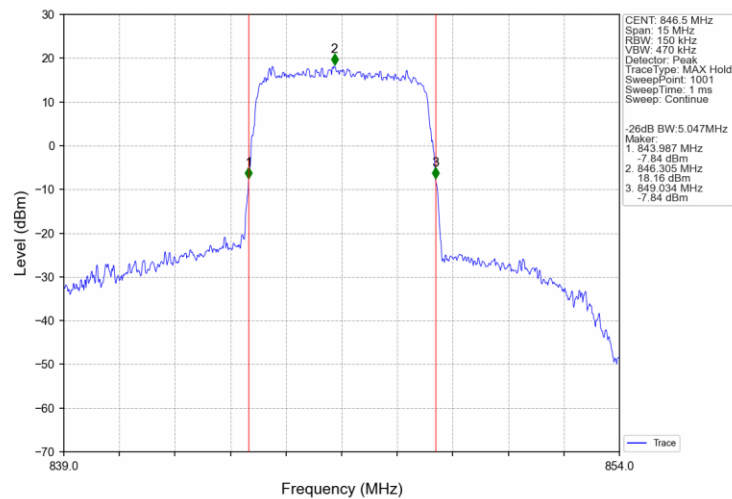
### Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



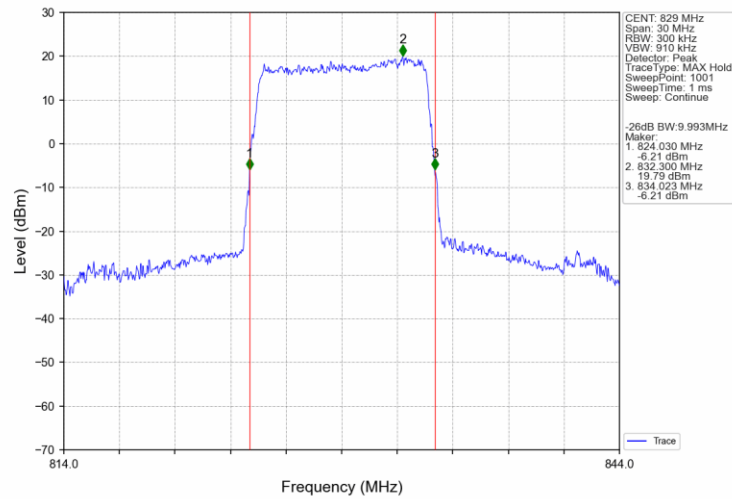
### Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



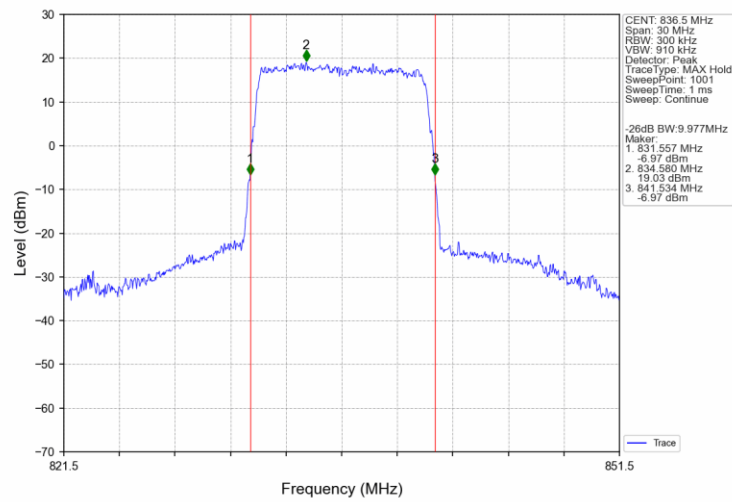
### Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



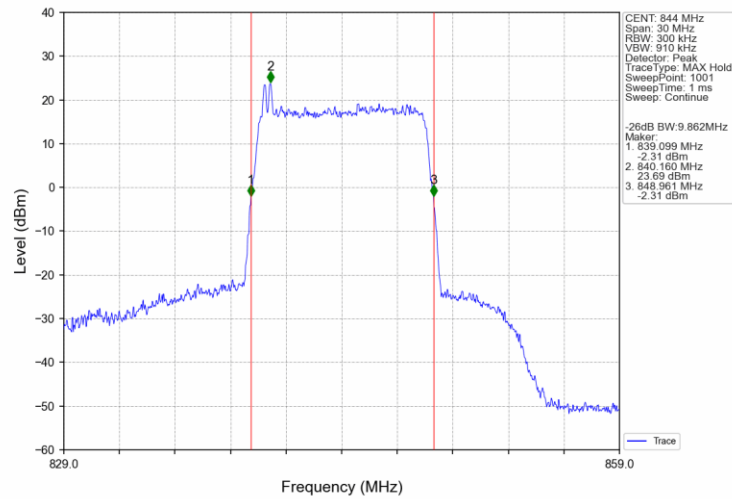
### Band5 10MHz QPSK LCH 829MHz RB 50 0 NTN



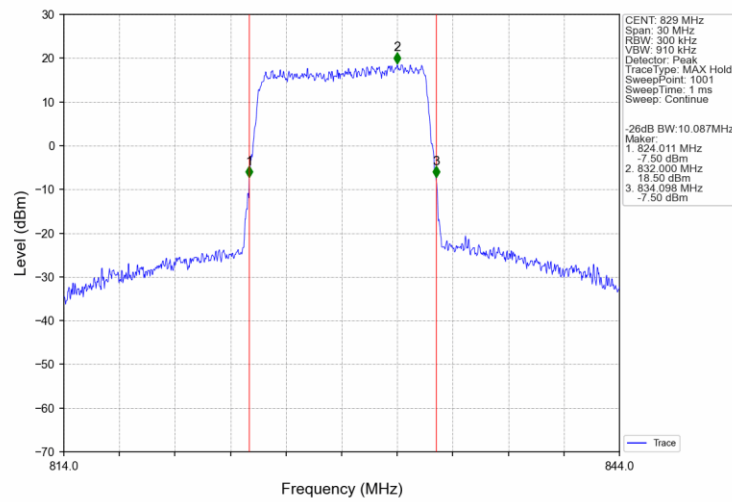
### Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTN



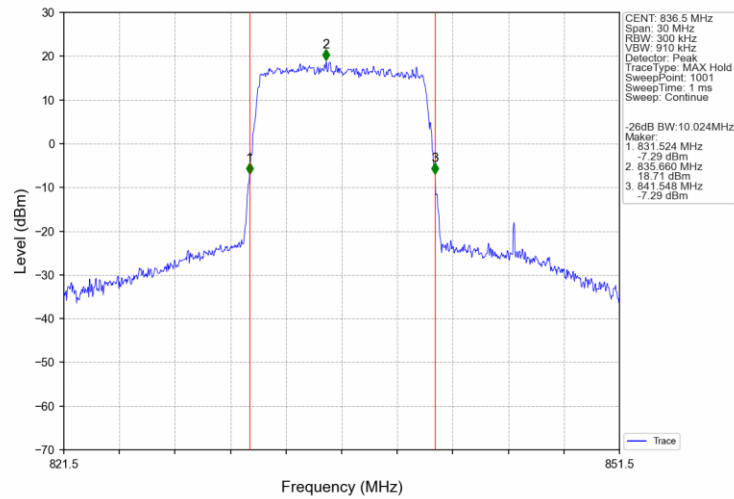
Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



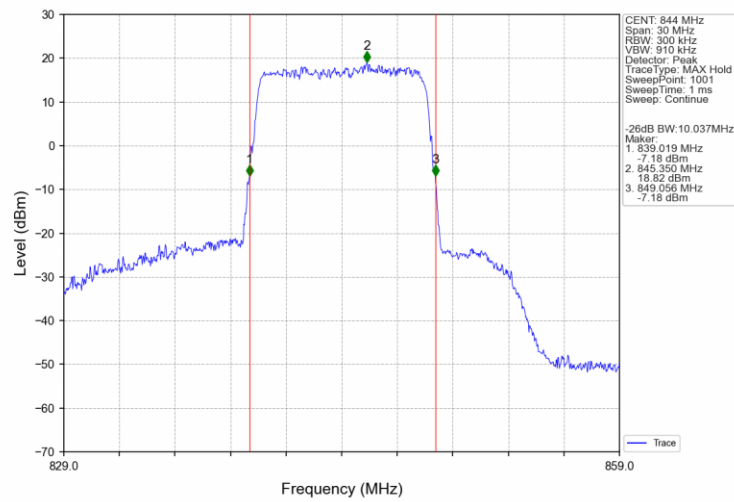
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



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      | 5.74                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 5.81                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 5.69                    | <=13  | Pass    |
| 16QAM                              | 824.7           | 6             | 0      | 6.46                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 6.74                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 6.35                    | <=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      | 5.75                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 5.88                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 5.70                    | <=13  | Pass    |
| 16QAM                            | 825.5           | 15            | 0      | 6.60                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 6.68                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 6.57                    | <=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      | 5.80                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 5.79                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 5.67                    | <=13  | Pass    |
| 16QAM                            | 826.5           | 25            | 0      | 6.40                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 6.61                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 6.43                    | <=13  | Pass    |

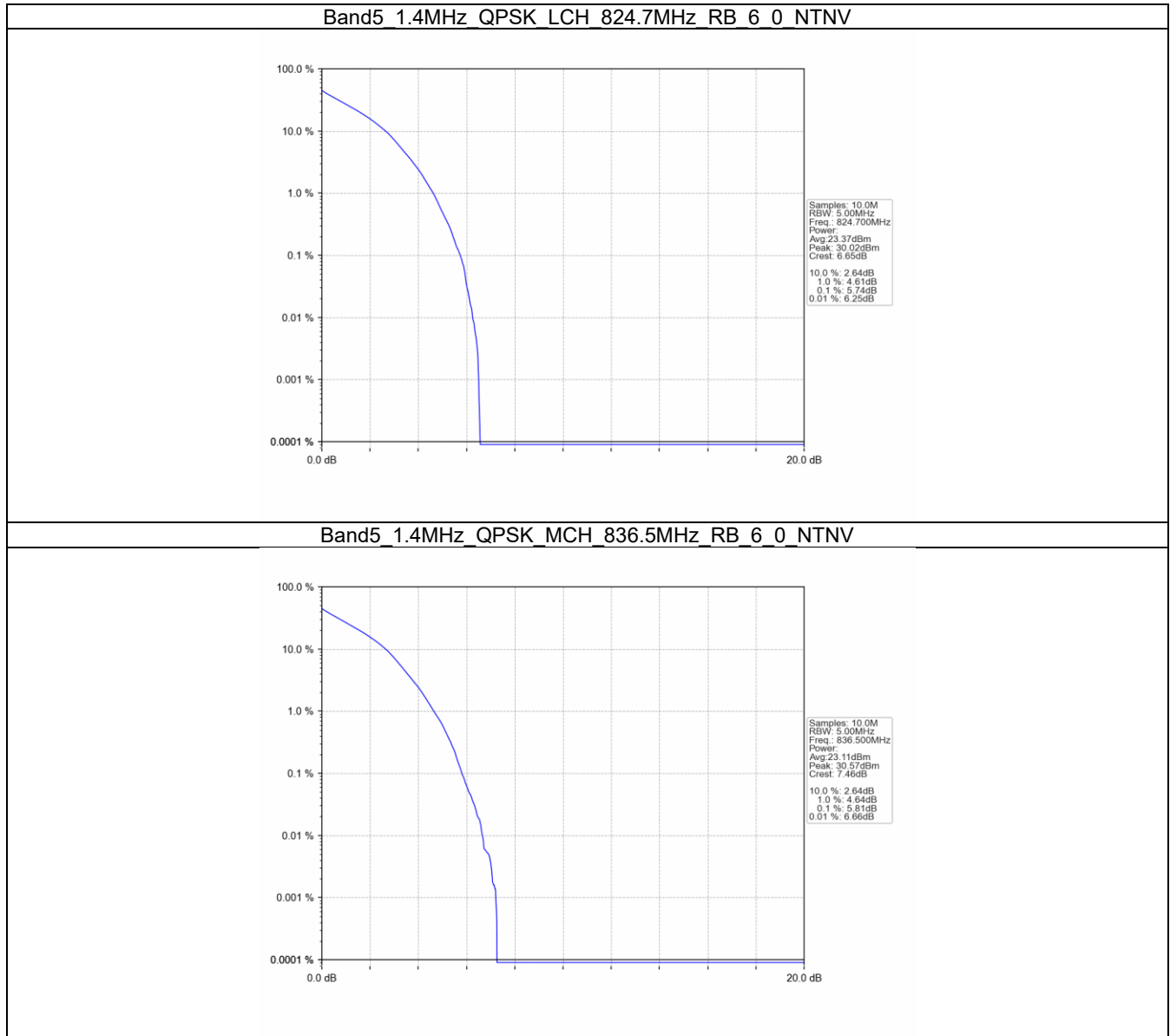
#### 5.1.4 B5\_10MHz

| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 829             | 50            | 0      | 5.81                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 5.73                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 5.80                    | <=13  | Pass    |
| 16QAM                             | 829             | 50            | 0      | 6.51                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 6.52                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 6.53                    | <=13  | Pass    |

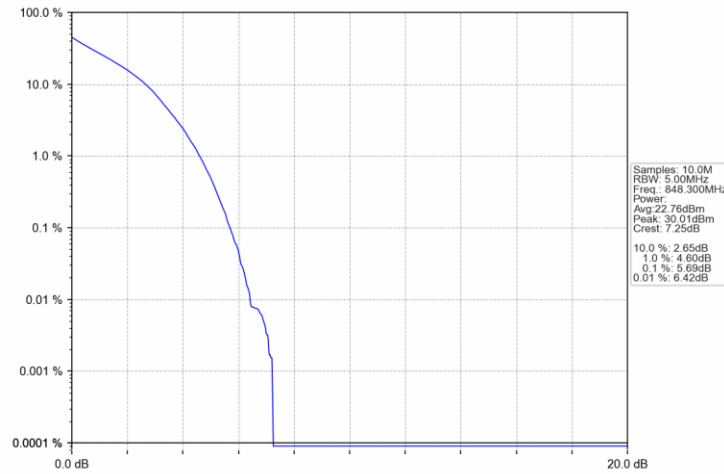


## 5.2 Test Graph

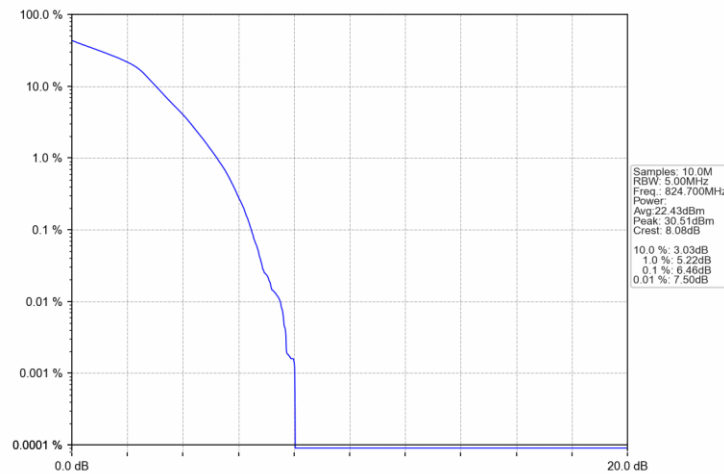
### 5.2.1 B5\_1.4MHz



Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV

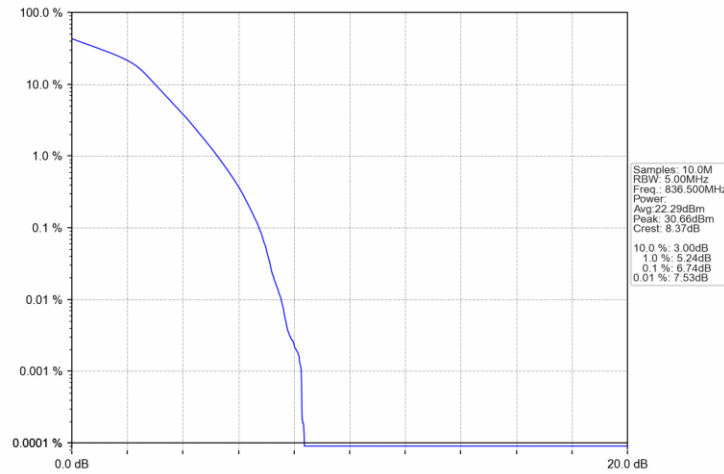


Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV

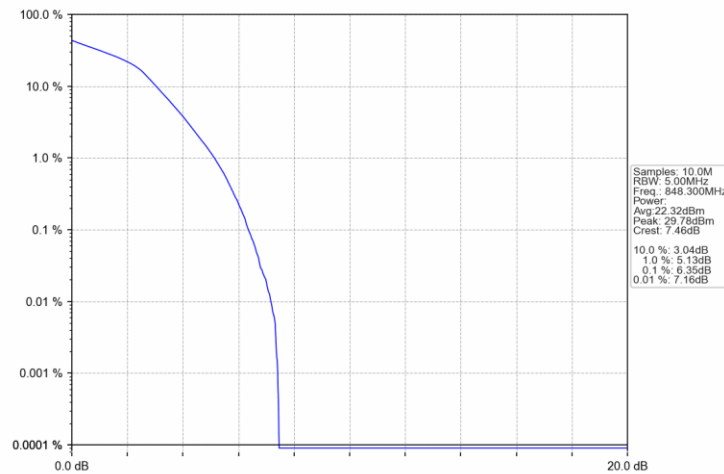




Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV

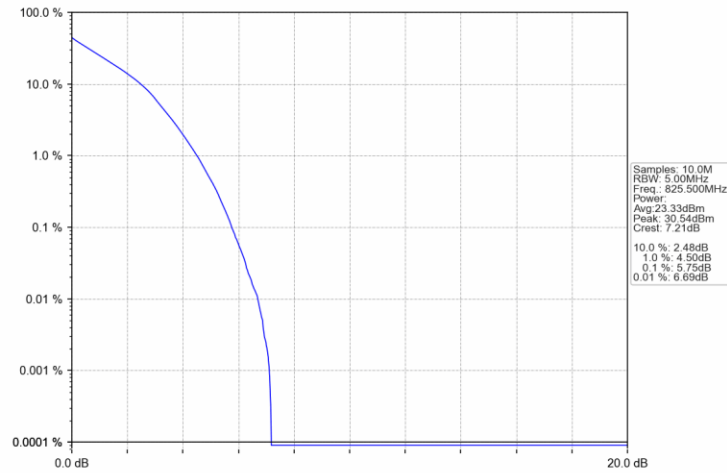


Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



### 5.2.2 B5\_3MHz

Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN

