

## 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      | 24.59                 | -2.30      | 20.14     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.65                 | -2.30      | 20.20     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.61                 | -2.30      | 20.16     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 24.66                 | -2.30      | 20.21     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.65                 | -2.30      | 20.20     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 24.57                 | -2.30      | 20.12     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.57                 | -2.30      | 19.12     | <=34.77 | Pass    |
|                                    | 836.5           | 1             | 0      | 24.59                 | -2.30      | 20.14     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.49                 | -2.30      | 20.04     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.51                 | -2.30      | 20.06     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 24.38                 | -2.30      | 19.93     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.29                 | -2.30      | 19.84     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 24.42                 | -2.30      | 19.97     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.43                 | -2.30      | 18.98     | <=34.77 | Pass    |
|                                    | 848.3           | 1             | 0      | 24.32                 | -2.30      | 19.87     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.57                 | -2.30      | 20.12     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 24.52                 | -2.30      | 20.07     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 24.40                 | -2.30      | 19.95     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 24.45                 | -2.30      | 20.00     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 24.39                 | -2.30      | 19.94     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 23.37                 | -2.30      | 18.92     | <=34.77 | Pass    |
| 16QAM                              | 824.7           | 1             | 0      | 23.07                 | -2.30      | 18.62     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.19                 | -2.30      | 18.74     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 23.13                 | -2.30      | 18.68     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 23.44                 | -2.30      | 18.99     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.40                 | -2.30      | 18.95     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 23.35                 | -2.30      | 18.90     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 22.63                 | -2.30      | 18.18     | <=34.77 | Pass    |
|                                    | 836.5           | 1             | 0      | 23.86                 | -2.30      | 19.41     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.52                 | -2.30      | 19.07     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 23.54                 | -2.30      | 19.09     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 23.41                 | -2.30      | 18.96     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.49                 | -2.30      | 19.04     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 23.43                 | -2.30      | 18.98     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 22.58                 | -2.30      | 18.13     | <=34.77 | Pass    |
|                                    | 848.3           | 1             | 0      | 22.90                 | -2.30      | 18.45     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 22.98                 | -2.30      | 18.53     | <=34.77 | Pass    |
|                                    |                 |               | 5      | 22.95                 | -2.30      | 18.50     | <=34.77 | Pass    |
|                                    |                 | 3             | 0      | 23.06                 | -2.30      | 18.61     | <=34.77 | Pass    |
|                                    |                 |               | 2      | 23.02                 | -2.30      | 18.57     | <=34.77 | Pass    |
|                                    |                 |               | 3      | 23.08                 | -2.30      | 18.63     | <=34.77 | Pass    |
|                                    |                 | 6             | 0      | 22.91                 | -2.30      | 18.46     | <=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      | 24.56                 | -2.30      | 20.11     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 24.54                 | -2.30      | 20.09     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 14     | 24.53                 | -2.30      | 20.08     | <=34.77 | Pass    |         |      |
|                                  |                                              | 8             | 0      | 23.70                 | -2.30      | 19.25     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 4      | 23.68                 | -2.30      | 19.23     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.48                 | -2.30      | 19.03     | <=34.77 | Pass    |         |      |
|                                  |                                              | 15            | 0      | 23.69                 | -2.30      | 19.24     | <=34.77 | Pass    |         |      |
|                                  |                                              | 836.5         | 1      | 0                     | 24.66      | -2.30     | 20.21   | <=34.77 | Pass    |      |
|                                  |                                              |               |        | 7                     | 24.44      | -2.30     | 19.99   | <=34.77 | Pass    |      |
|                                  | 14                                           |               |        | 24.41                 | -2.30      | 19.96     | <=34.77 | Pass    |         |      |
|                                  | 8                                            |               | 0      | 23.53                 | -2.30      | 19.08     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 4      | 23.49                 | -2.30      | 19.04     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.36                 | -2.30      | 18.91     | <=34.77 | Pass    |         |      |
|                                  | 15                                           | 0             | 23.50  | -2.30                 | 19.05      | <=34.77   | Pass    |         |         |      |
|                                  | 847.5                                        | 1             | 0      | 24.59                 | -2.30      | 20.14     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 24.51                 | -2.30      | 20.06     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 14     | 24.58                 | -2.30      | 20.13     | <=34.77 | Pass    |         |      |
|                                  |                                              | 8             | 0      | 23.43                 | -2.30      | 18.98     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 4      | 23.48                 | -2.30      | 19.03     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.37                 | -2.30      | 18.92     | <=34.77 | Pass    |         |      |
|                                  |                                              | 15            | 0      | 23.45                 | -2.30      | 19.00     | <=34.77 | Pass    |         |      |
|                                  |                                              | 16QAM         | 825.5  | 1                     | 0          | 23.62     | -2.30   | 19.17   | <=34.77 | Pass |
|                                  |                                              |               |        |                       | 7          | 23.63     | -2.30   | 19.18   | <=34.77 | Pass |
|                                  | 14                                           |               |        |                       | 23.57      | -2.30     | 19.12   | <=34.77 | Pass    |      |
| 8                                | 0                                            |               |        | 22.82                 | -2.30      | 18.37     | <=34.77 | Pass    |         |      |
|                                  | 4                                            |               |        | 22.81                 | -2.30      | 18.36     | <=34.77 | Pass    |         |      |
|                                  | 7                                            |               |        | 23.24                 | -2.30      | 18.79     | <=34.77 | Pass    |         |      |
| 15                               | 0                                            |               |        | 22.65                 | -2.30      | 18.20     | <=34.77 | Pass    |         |      |
| 836.5                            | 1                                            |               |        | 0                     | 23.09      | -2.30     | 18.64   | <=34.77 | Pass    |      |
|                                  |                                              |               |        | 7                     | 23.06      | -2.30     | 18.61   | <=34.77 | Pass    |      |
|                                  |                                              |               | 14     | 23.10                 | -2.30      | 18.65     | <=34.77 | Pass    |         |      |
|                                  | 8                                            |               | 0      | 23.17                 | -2.30      | 18.72     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 4      | 22.66                 | -2.30      | 18.21     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 22.65                 | -2.30      | 18.20     | <=34.77 | Pass    |         |      |
| 15                               | 0                                            |               | 22.33  | -2.30                 | 17.88      | <=34.77   | Pass    |         |         |      |
| 847.5                            | 1                                            |               | 0      | 23.90                 | -2.30      | 19.45     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 23.77                 | -2.30      | 19.32     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 14     | 23.81                 | -2.30      | 19.36     | <=34.77 | Pass    |         |      |
|                                  | 8                                            |               | 0      | 22.50                 | -2.30      | 18.05     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 4      | 22.55                 | -2.30      | 18.10     | <=34.77 | Pass    |         |      |
|                                  |                                              |               | 7      | 22.94                 | -2.30      | 18.49     | <=34.77 | Pass    |         |      |
|                                  | 15                                           |               | 0      | 22.43                 | -2.30      | 17.98     | <=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                 | -2.30      | 20.12     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 24.51                 | -2.30      | 20.06     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 24.57                 | -2.30      | 20.12     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.62                 | -2.30      | 19.17     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.52                 | -2.30      | 19.07     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.56                 | -2.30      | 19.11     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.50                 | -2.30      | 19.05     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.49                 | -2.30      | 20.04     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 24.31                 | -2.30      | 19.86     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 24.34                 | -2.30      | 19.89     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.48                 | -2.30      | 19.03     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.51                 | -2.30      | 19.06     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.39                 | -2.30      | 18.94     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.45                 | -2.30      | 19.00     | <=34.77 | Pass    |
|                                  | 846.5           | 1             | 0      | 24.33                 | -2.30      | 19.88     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 24.44                 | -2.30      | 19.99     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 24.40                 | -2.30      | 19.95     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 23.46                 | -2.30      | 19.01     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.53                 | -2.30      | 19.08     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.46                 | -2.30      | 19.01     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.45                 | -2.30      | 19.00     | <=34.77 | Pass    |
| 16QAM                            | 826.5           | 1             | 0      | 22.63                 | -2.30      | 18.18     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.58                 | -2.30      | 18.13     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 22.62                 | -2.30      | 18.17     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 22.51                 | -2.30      | 18.06     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 23.06                 | -2.30      | 18.61     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.05                 | -2.30      | 18.60     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.08                 | -2.30      | 18.63     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 23.42                 | -2.30      | 18.97     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.34                 | -2.30      | 18.89     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 23.44                 | -2.30      | 18.99     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 22.97                 | -2.30      | 18.52     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 22.45                 | -2.30      | 18.00     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.41                 | -2.30      | 17.96     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.55                 | -2.30      | 18.10     | <=34.77 | Pass    |
|                                  | 846.5           | 1             | 0      | 23.28                 | -2.30      | 18.83     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.31                 | -2.30      | 18.86     | <=34.77 | Pass    |
|                                  |                 |               | 24     | 23.30                 | -2.30      | 18.85     | <=34.77 | Pass    |
|                                  |                 | 12            | 0      | 22.27                 | -2.30      | 17.82     | <=34.77 | Pass    |
|                                  |                 |               | 6      | 22.33                 | -2.30      | 17.88     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.23                 | -2.30      | 17.78     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.38                 | -2.30      | 17.93     | <=34.77 | 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      | 24.73                 | -2.30      | 20.28     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 24.70                 | -2.30      | 20.25     | <=34.77 | Pass    |
|                                  |                 |               | 49     | 24.73                 | -2.30      | 20.28     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.55                 | -2.30      | 19.10     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.58                 | -2.30      | 19.13     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 23.88                 | -2.30      | 19.43     | <=34.77 | Pass    |
|                                  |                 | 50            | 0      | 23.62                 | -2.30      | 19.17     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.48                 | -2.30      | 20.03     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 24.39                 | -2.30      | 19.94     | <=34.77 | Pass    |
|                                  |                 |               | 49     | 24.60                 | -2.30      | 20.15     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.47                 | -2.30      | 19.02     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.46                 | -2.30      | 19.01     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 23.42                 | -2.30      | 18.97     | <=34.77 | Pass    |
|                                  |                 | 50            | 0      | 23.47                 | -2.30      | 19.02     | <=34.77 | Pass    |
|                                  | 844             | 1             | 0      | 24.35                 | -2.30      | 19.90     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 24.34                 | -2.30      | 19.89     | <=34.77 | Pass    |
|                                  |                 |               | 49     | 24.37                 | -2.30      | 19.92     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.51                 | -2.30      | 19.06     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.44                 | -2.30      | 18.99     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 23.51                 | -2.30      | 19.06     | <=34.77 | Pass    |
|                                  |                 | 50            | 0      | 23.39                 | -2.30      | 18.94     | <=34.77 | Pass    |
| 16QAM                            | 829             | 1             | 0      | 24.28                 | -2.30      | 19.83     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 24.29                 | -2.30      | 19.84     | <=34.77 | Pass    |
|                                  |                 |               | 49     | 24.09                 | -2.30      | 19.64     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 23.15                 | -2.30      | 18.70     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.64                 | -2.30      | 18.19     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 23.01                 | -2.30      | 18.56     | <=34.77 | Pass    |
|                                  |                 | 50            | 0      | 22.63                 | -2.30      | 18.18     | <=34.77 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.30                 | -2.30      | 19.85     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 23.86                 | -2.30      | 19.41     | <=34.77 | Pass    |
|                                  |                 |               | 49     | 24.04                 | -2.30      | 19.59     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.98                 | -2.30      | 18.53     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 22.46                 | -2.30      | 18.01     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 22.97                 | -2.30      | 18.52     | <=34.77 | Pass    |
|                                  |                 | 50            | 0      | 22.40                 | -2.30      | 17.95     | <=34.77 | Pass    |
|                                  | 844             | 1             | 0      | 23.15                 | -2.30      | 18.70     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 22.96                 | -2.30      | 18.51     | <=34.77 | Pass    |
|                                  |                 |               | 49     | 23.00                 | -2.30      | 18.55     | <=34.77 | Pass    |
|                                  |                 | 25            | 0      | 22.65                 | -2.30      | 18.20     | <=34.77 | Pass    |
|                                  |                 |               | 13     | 23.08                 | -2.30      | 18.63     | <=34.77 | Pass    |
|                                  |                 |               | 25     | 22.59                 | -2.30      | 18.14     | <=34.77 | Pass    |
|                                  |                 | 50            | 0      | 22.95                 | -2.30      | 18.50     | <=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         | 3.06          | -39.525          | -0.0479               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -27.423          | -0.0333               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -27.509          | -0.0334               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -7.524           | -0.0091               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -8.140           | -0.0099               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -42.515          | -0.0516               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -6.680           | -0.0081               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -5.078           | -0.0062               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -38.180          | -0.0463               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -33.331          | -0.0404               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.60          | -15.965          | -0.0194               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.06          | 9.656            | 0.0115                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | 11.458           | 0.0137                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | 2.189            | 0.0026                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -6.108           | -0.0073               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -10.800          | -0.0129               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -15.221          | -0.0182               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -17.695          | -0.0212               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -23.561          | -0.0282               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -27.909          | -0.0334               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -31.443          | -0.0376               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.60          | -35.205          | -0.0421               | -2.5 to 2.5 | Pass    |
|                             | 848.3           | 6             | 0      | 20         | 3.06          | 4.320            | 0.0051                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -16.494          | -0.0194               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -45.662          | -0.0538               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -10.185          | -0.0120               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | -20.928          | -0.0247               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -7.453           | -0.0088               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -35.734          | -0.0421               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -8.826           | -0.0104               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -28.038          | -0.0331               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -45.547          | -0.0537               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 824.7           | 6             | 0      | 20         | 3.06          | -42.815          | -0.0519               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -40.956          | -0.0497               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -41.099          | -0.0498               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -40.054          | -0.0486               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | 2.317            | 0.0028                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | -2.775           | -0.0034               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.60          | -6.895           | -0.0084               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.60          | -14.291          | -0.0173               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.60          | -19.140          | -0.0232               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.60          | -25.320          | -0.0307               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.60          | -32.201          | -0.0390               | -2.5 to 2.5 | Pass    |
|                             | 836.5           | 6             | 0      | 20         | 3.06          | -34.790          | -0.0416               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.60          | -23.174          | -0.0277               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.14          | -11.058          | -0.0132               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.60          | -3.648           | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.60          | 0.372            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.60          | 3.347            | 0.0040                | -2.5 to 2.5 | Pass    |

|  |       |   |   |     |      |         |         |             |      |
|--|-------|---|---|-----|------|---------|---------|-------------|------|
|  |       |   |   | 0   | 3.60 | 3.119   | 0.0037  | -2.5 to 2.5 | Pass |
|  |       |   |   | 10  | 3.60 | 3.734   | 0.0045  | -2.5 to 2.5 | Pass |
|  |       |   |   | 30  | 3.60 | 5.593   | 0.0067  | -2.5 to 2.5 | Pass |
|  |       |   |   | 40  | 3.60 | 9.456   | 0.0113  | -2.5 to 2.5 | Pass |
|  |       |   |   | 50  | 3.60 | 12.331  | 0.0147  | -2.5 to 2.5 | Pass |
|  | 848.3 | 6 | 0 | 20  | 3.06 | -26.135 | -0.0308 | -2.5 to 2.5 | Pass |
|  |       |   |   |     | 3.60 | -26.708 | -0.0315 | -2.5 to 2.5 | Pass |
|  |       |   |   |     | 4.14 | -25.263 | -0.0298 | -2.5 to 2.5 | Pass |
|  |       |   |   | -30 | 3.60 | -23.875 | -0.0281 | -2.5 to 2.5 | Pass |
|  |       |   |   | -20 | 3.60 | -25.148 | -0.0296 | -2.5 to 2.5 | Pass |
|  |       |   |   | -10 | 3.60 | -27.595 | -0.0325 | -2.5 to 2.5 | Pass |
|  |       |   |   | 0   | 3.60 | -31.371 | -0.0370 | -2.5 to 2.5 | Pass |
|  |       |   |   | 10  | 3.60 | -34.919 | -0.0412 | -2.5 to 2.5 | Pass |
|  |       |   |   | 30  | 3.60 | -39.339 | -0.0464 | -2.5 to 2.5 | Pass |
|  |       |   |   | 40  | 3.60 | -43.845 | -0.0517 | -2.5 to 2.5 | Pass |
|  |       |   |   | 50  | 3.60 | -45.762 | -0.0539 | -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         | 3.06          | 12.045           | 0.0146                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.60          | -9.513           | -0.0115               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.14          | -32.959          | -0.0399               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.60          | -30.541          | -0.0370               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.60          | -14.434          | -0.0175               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.60          | -38.610          | -0.0468               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.60          | -6.251           | -0.0076               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.60          | -21.973          | -0.0266               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.60          | -33.531          | -0.0406               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.60          | -46.120          | -0.0559               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 15            | 0      | 20         | 3.06          | 12.889           | 0.0154                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.60          | 22.588           | 0.0270                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.14          | 18.625           | 0.0223                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.60          | 14.963           | 0.0179                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.60          | 12.374           | 0.0148                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.60          | 14.291           | 0.0171                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.60          | 16.522           | 0.0198                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.60          | 17.252           | 0.0206                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.60          | 19.770           | 0.0236                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.60          | 20.313           | 0.0243                | -2.5 to 2.5 | Pass    |
|                           | 847.5           | 15            | 0      | 20         | 3.06          | 12.202           | 0.0144                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.60          | -4.463           | -0.0053               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.14          | -15.650          | -0.0185               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.60          | -16.623          | -0.0196               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.60          | -8.755           | -0.0103               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.60          | -35.791          | -0.0422               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.60          | -2.217           | -0.0026               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.60          | -21.544          | -0.0254               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.60          | -35.820          | -0.0423               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.60          | -8.869           | -0.0105               | -2.5 to 2.5 | Pass    |
| 16QAM                     | 825.5           | 15            | 0      | 20         | 3.06          | -12.231          | -0.0148               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.60          | 3.791            | 0.0046                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.14          | 18.482           | 0.0224                | -2.5 to 2.5 | Pass    |

|  |       |    |   |     |      |         |         |             |      |
|--|-------|----|---|-----|------|---------|---------|-------------|------|
|  |       |    |   | -30 | 3.60 | 29.826  | 0.0361  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.60 | 37.122  | 0.0450  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.60 | 42.400  | 0.0514  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.60 | -3.519  | -0.0043 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.60 | -0.200  | -0.0002 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.60 | 3.705   | 0.0045  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.60 | 4.077   | 0.0049  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.60 | 3.633   | 0.0044  | -2.5 to 2.5 | Pass |
|  | 836.5 | 15 | 0 | 20  | 3.06 | 25.649  | 0.0307  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.60 | 43.187  | 0.0516  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.14 | 6.967   | 0.0083  | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.60 | 20.700  | 0.0247  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.60 | 28.753  | 0.0344  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.60 | 38.080  | 0.0455  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.60 | 44.990  | 0.0538  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.60 | 1.259   | 0.0015  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.60 | 7.896   | 0.0094  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.60 | 13.075  | 0.0156  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.60 | 15.736  | 0.0188  | -2.5 to 2.5 | Pass |
|  | 847.5 | 15 | 0 | 20  | 3.06 | -24.891 | -0.0294 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 3.60 | -11.272 | -0.0133 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 4.14 | -1.187  | -0.0014 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 3.60 | 6.037   | 0.0071  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 3.60 | 10.486  | 0.0124  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 3.60 | 14.148  | 0.0167  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 3.60 | 17.467  | 0.0206  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 3.60 | 19.183  | 0.0226  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 3.60 | 19.298  | 0.0228  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 3.60 | 19.298  | 0.0228  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 3.60 | 17.853  | 0.0211  | -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         | 3.06          | 12.660           | 0.0153                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.60          | -16.236          | -0.0196               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.14          | -33.545          | -0.0406               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.60          | -6.208           | -0.0075               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.60          | -44.703          | -0.0541               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.60          | -22.488          | -0.0272               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.60          | -33.474          | -0.0405               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.60          | -12.889          | -0.0156               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.60          | -29.125          | -0.0352               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.60          | -41.714          | -0.0505               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.60          | -2.890           | -0.0035               | -2.5 to 2.5 | Pass    |
|                           | 836.5           | 25            | 0      | 20         | 3.06          | 18.296           | 0.0219                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.60          | 13.218           | 0.0158                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.14          | -1.259           | -0.0015               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.60          | -3.147           | -0.0038               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.60          | -2.489           | -0.0030               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.60          | -2.847           | -0.0034               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.60          | -0.815           | -0.0010               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.60          | 1.187            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.60          | 5.064            | 0.0061                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.60          | 7.281            | 0.0087                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.60          | 8.984            | 0.0107                | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       | 846.5 | 25 | 0 | 20  | 3.06 | 22.302  | 0.0263  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | -26.922 | -0.0318 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | -31.443 | -0.0371 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | -28.996 | -0.0343 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | -15.135 | -0.0179 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | -39.153 | -0.0463 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | -9.356  | -0.0111 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | -23.818 | -0.0281 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | -33.946 | -0.0401 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | -45.991 | -0.0543 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | -5.264  | -0.0062 | -2.5 to 2.5 | Pass |
| 16QAM | 826.5 | 25 | 0 | 20  | 3.06 | -8.168  | -0.0099 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | -4.606  | -0.0056 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | -2.689  | -0.0033 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | -0.987  | -0.0012 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | 1.373   | 0.0017  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | 2.246   | 0.0027  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | 2.818   | 0.0034  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | 1.016   | 0.0012  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | 2.403   | 0.0029  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | 1.760   | 0.0021  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | 0.100   | 0.0001  | -2.5 to 2.5 | Pass |
|       | 836.5 | 25 | 0 | 20  | 3.06 | 12.660  | 0.0151  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | 30.084  | 0.0360  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | 7.553   | 0.0090  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | 21.729  | 0.0260  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | 35.748  | 0.0427  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | 45.934  | 0.0549  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | 3.004   | 0.0036  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | 8.926   | 0.0107  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | 16.408  | 0.0196  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | 22.388  | 0.0268  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | 25.778  | 0.0308  | -2.5 to 2.5 | Pass |
|       | 846.5 | 25 | 0 | 20  | 3.06 | -11.272 | -0.0133 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | 4.449   | 0.0053  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | 18.396  | 0.0217  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | 31.428  | 0.0371  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | 38.538  | 0.0455  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | -2.332  | -0.0028 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | 1.845   | 0.0022  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | 2.933   | 0.0035  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | 4.578   | 0.0054  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | 8.125   | 0.0096  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | 9.942   | 0.0117  | -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         | 3.06          | -14.362          | -0.0173               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.60          | -21.501          | -0.0259               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.14          | -37.308          | -0.0450               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.60          | -23.518          | -0.0284               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.60          | -5.980           | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.60          | -22.831          | -0.0275               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.60          | -34.933          | -0.0421               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.60          | -40.040          | -0.0483               | -2.5 to 2.5 | Pass    |

|       |       |    |   |     |      |         |         |             |      |
|-------|-------|----|---|-----|------|---------|---------|-------------|------|
|       |       |    |   | 30  | 3.60 | -4.506  | -0.0054 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | -15.478 | -0.0187 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | -22.173 | -0.0267 | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.06 | 39.496  | 0.0472  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | -4.749  | -0.0057 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | -36.836 | -0.0440 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | -1.402  | -0.0017 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | -12.202 | -0.0146 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | -17.624 | -0.0211 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | -21.887 | -0.0262 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | -25.864 | -0.0309 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | -25.377 | -0.0303 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | -29.469 | -0.0352 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | -34.747 | -0.0415 | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.06 | 4.821   | 0.0057  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | -37.665 | -0.0446 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | -19.441 | -0.0230 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | -9.842  | -0.0117 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | -36.192 | -0.0429 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | -15.235 | -0.0181 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | -29.526 | -0.0350 | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | -41.928 | -0.0497 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | -3.347  | -0.0040 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | -10.943 | -0.0130 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | -22.202 | -0.0263 | -2.5 to 2.5 | Pass |
| 16QAM | 829   | 50 | 0 | 20  | 3.06 | -11.044 | -0.0133 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | 21.429  | 0.0258  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | 41.571  | 0.0501  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | 4.706   | 0.0057  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | 11.530  | 0.0139  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | 17.381  | 0.0210  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | 23.346  | 0.0282  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | 26.450  | 0.0319  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | 33.560  | 0.0405  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | 37.036  | 0.0447  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | 41.027  | 0.0495  | -2.5 to 2.5 | Pass |
|       | 836.5 | 50 | 0 | 20  | 3.06 | -28.610 | -0.0342 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | 9.513   | 0.0114  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | 27.552  | 0.0329  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | 42.086  | 0.0503  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | -0.358  | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | 4.992   | 0.0060  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | 8.655   | 0.0103  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | 12.059  | 0.0144  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | 14.048  | 0.0168  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | 19.541  | 0.0234  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | 26.665  | 0.0319  | -2.5 to 2.5 | Pass |
|       | 844   | 50 | 0 | 20  | 3.06 | -20.399 | -0.0242 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 3.60 | -3.548  | -0.0042 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 4.14 | 6.123   | 0.0073  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 3.60 | 10.371  | 0.0123  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 3.60 | 15.621  | 0.0185  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 3.60 | 16.551  | 0.0196  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 3.60 | 17.939  | 0.0213  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 3.60 | 17.939  | 0.0213  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 3.60 | 18.339  | 0.0217  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 3.60 | 16.394  | 0.0194  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 3.60 | 2.904   | 0.0034  | -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

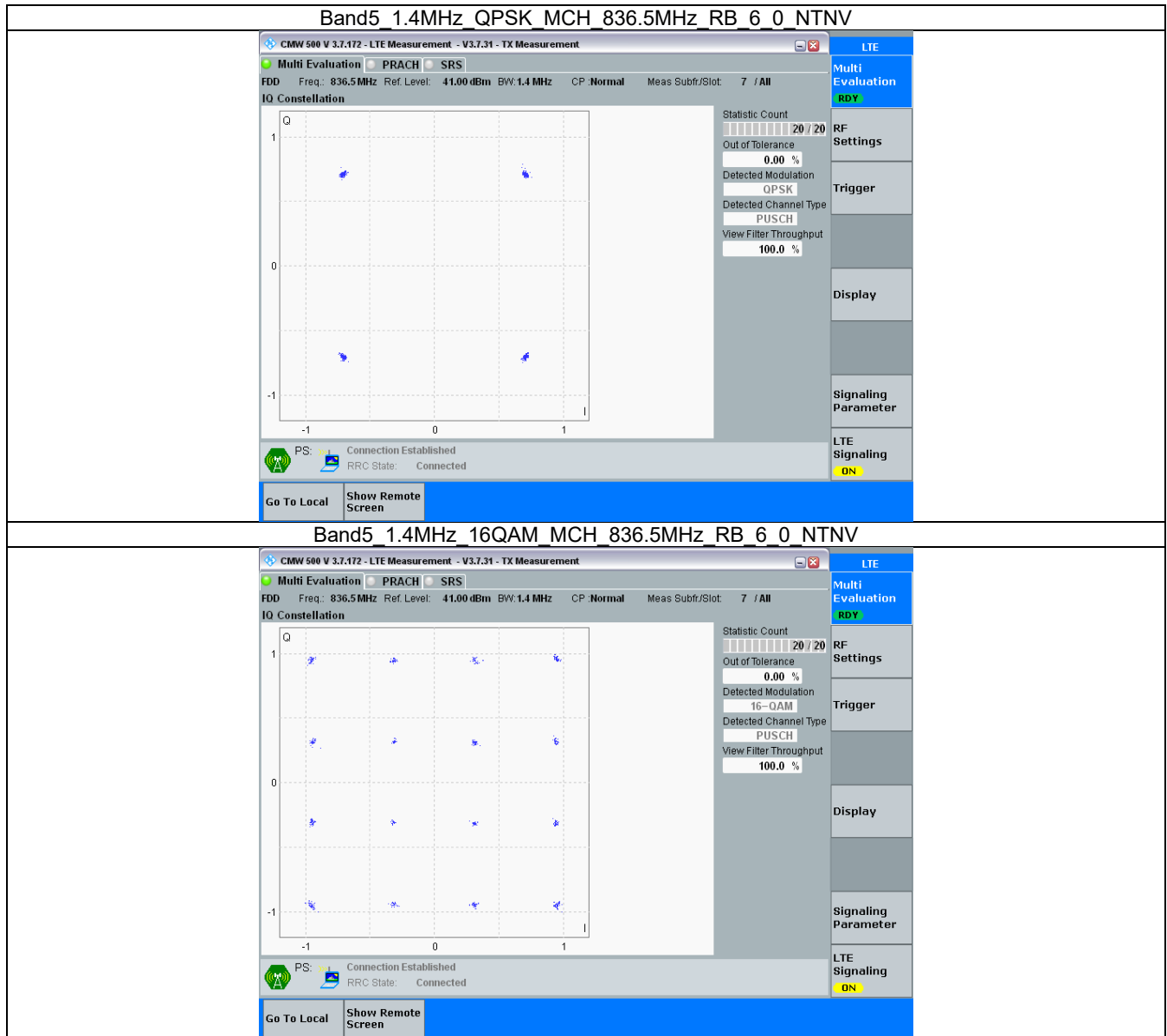
| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency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

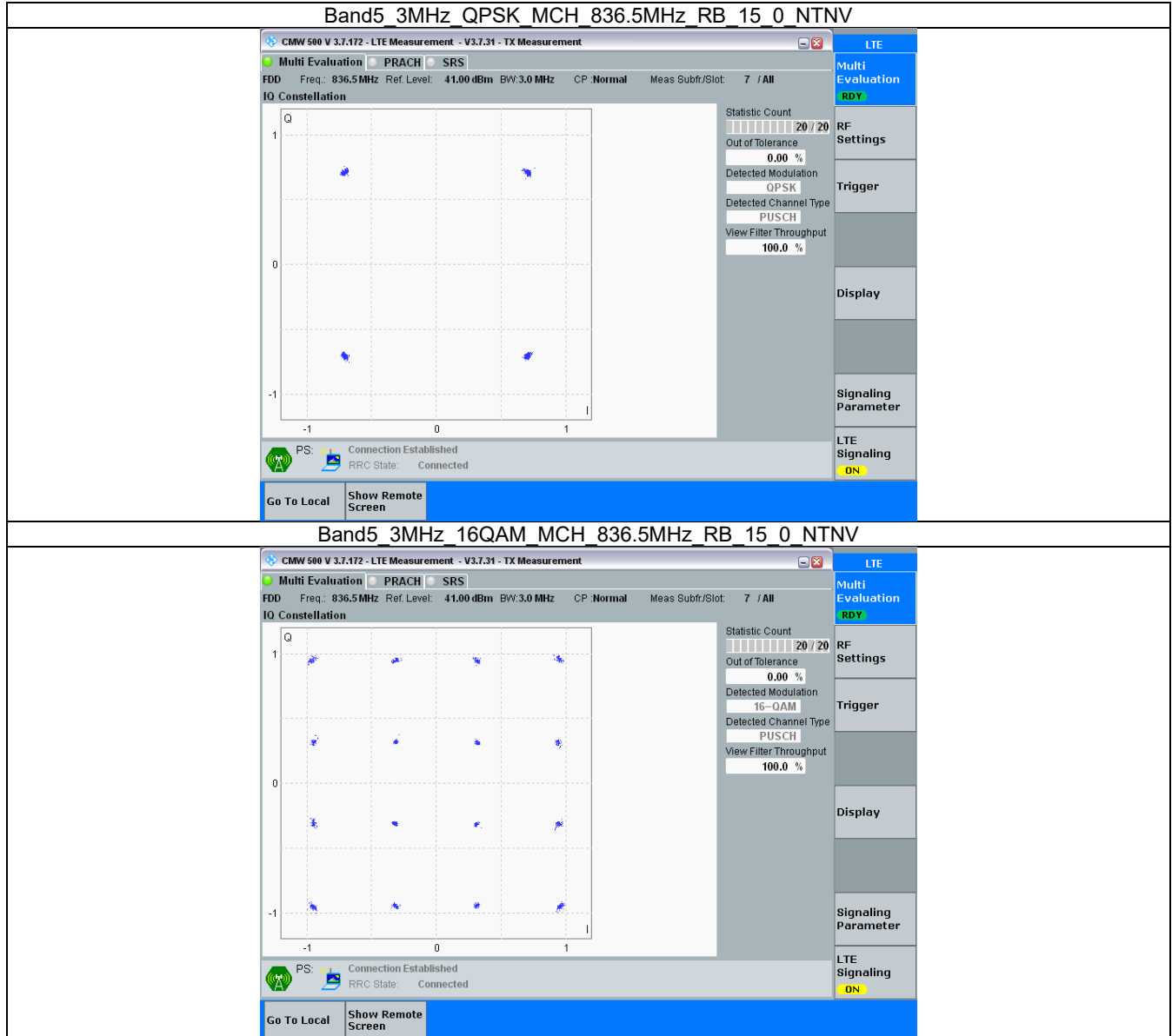
| Band: 5 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency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

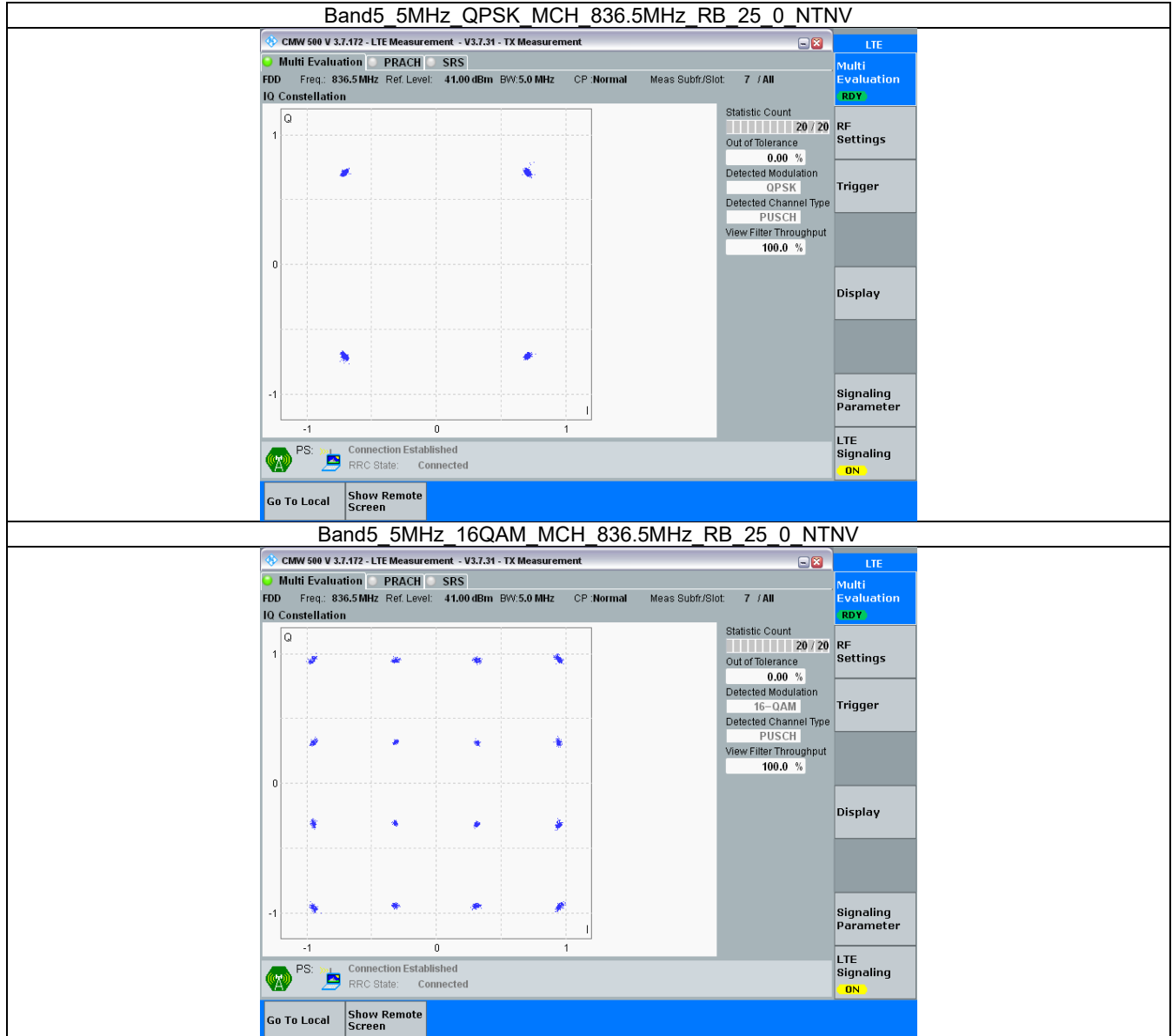
### 3.2.1 B5\_1.4MHz



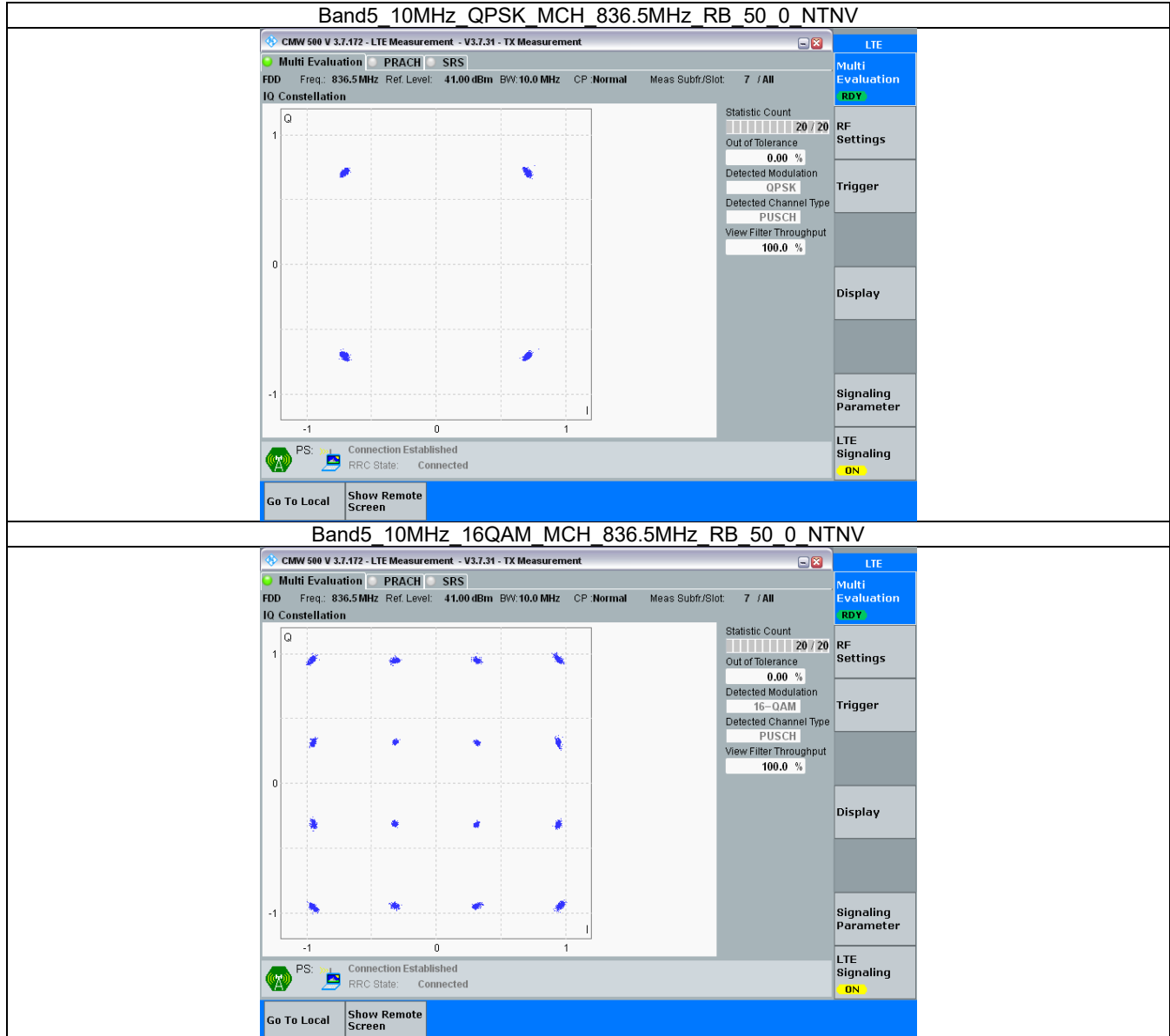
### 3.2.2 B5\_3MHz



### 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      | 1.118                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.115                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.104                        | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.117                        | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.106                        | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.122                        | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 2.754                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.750                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.753                        | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 2.756                        | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 2.776                        | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 2.751                        | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 4.577                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.539                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.544                        | /     | Pass    |
|                 | 16QAM      | 826.5           | 25            | 0      | 4.545                        | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 4.578                        | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 4.526                        | /     | Pass    |
| 10              | QPSK       | 829             | 50            | 0      | 9.076                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.039                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.049                        | /     | Pass    |
|                 | 16QAM      | 829             | 50            | 0      | 9.101                        | /     | Pass    |
|                 |            | 836.5           | 50            | 0      | 9.046                        | /     | Pass    |
|                 |            | 844             | 50            | 0      | 9.060                        | /     | 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      | 1.275                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.272                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.273                | /     | Pass    |
|                 | 16QAM      | 824.7           | 6             | 0      | 1.278                | /     | Pass    |
|                 |            | 836.5           | 6             | 0      | 1.265                | /     | Pass    |
|                 |            | 848.3           | 6             | 0      | 1.274                | /     | Pass    |
| 3               | QPSK       | 825.5           | 15            | 0      | 3.086                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.095                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.084                | /     | Pass    |
|                 | 16QAM      | 825.5           | 15            | 0      | 3.101                | /     | Pass    |
|                 |            | 836.5           | 15            | 0      | 3.115                | /     | Pass    |
|                 |            | 847.5           | 15            | 0      | 3.106                | /     | Pass    |
| 5               | QPSK       | 826.5           | 25            | 0      | 5.091                | /     | Pass    |
|                 |            | 836.5           | 25            | 0      | 5.029                | /     | Pass    |
|                 |            | 846.5           | 25            | 0      | 5.048                | /     | Pass    |



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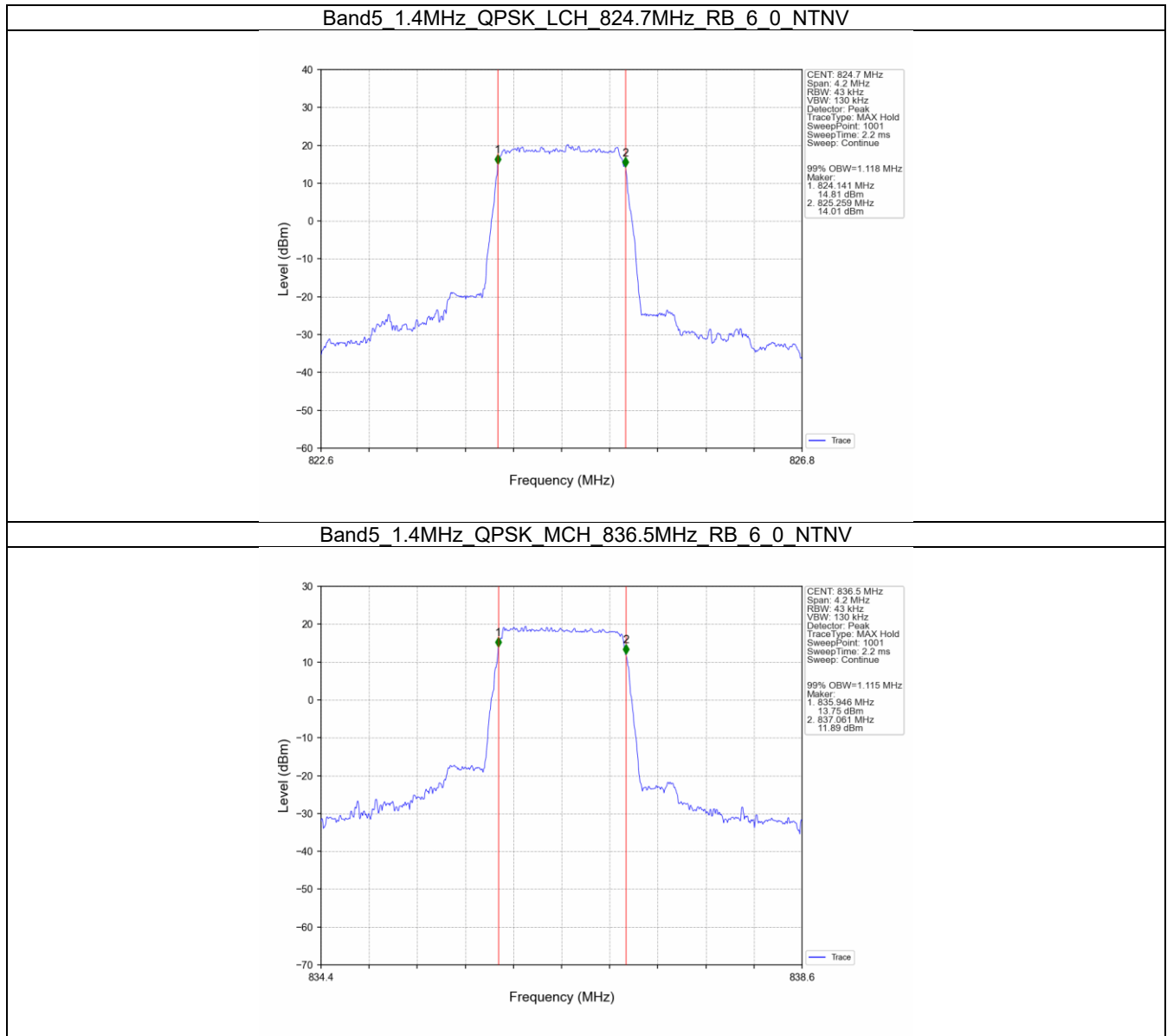
|    |       |       |    |   |        |   |      |
|----|-------|-------|----|---|--------|---|------|
|    | 16QAM | 826.5 | 25 | 0 | 5.054  | / | Pass |
|    |       | 836.5 | 25 | 0 | 5.060  | / | Pass |
|    |       | 846.5 | 25 | 0 | 5.052  | / | Pass |
| 10 | QPSK  | 829   | 50 | 0 | 10.064 | / | Pass |
|    |       | 836.5 | 50 | 0 | 10.058 | / | Pass |
|    |       | 844   | 50 | 0 | 9.960  | / | Pass |
|    | 16QAM | 829   | 50 | 0 | 10.099 | / | Pass |
|    |       | 836.5 | 50 | 0 | 10.006 | / | Pass |
|    |       | 844   | 50 | 0 | 10.055 | / | Pass |



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## 4.2 Test Graph

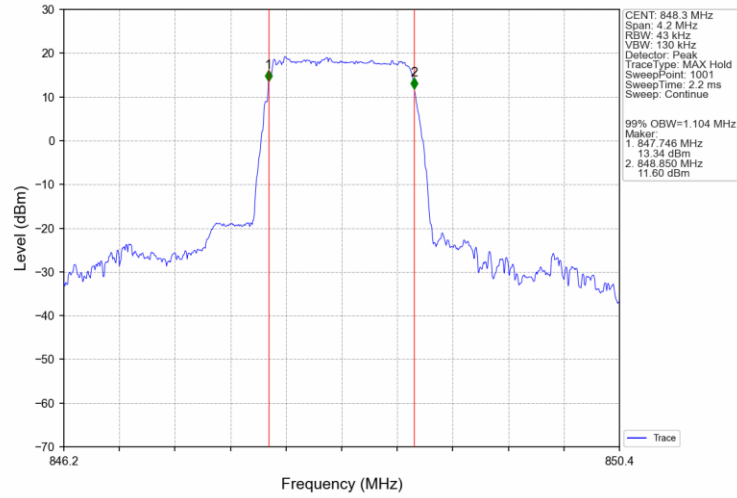
### 4.2.1 Band5\_OBW



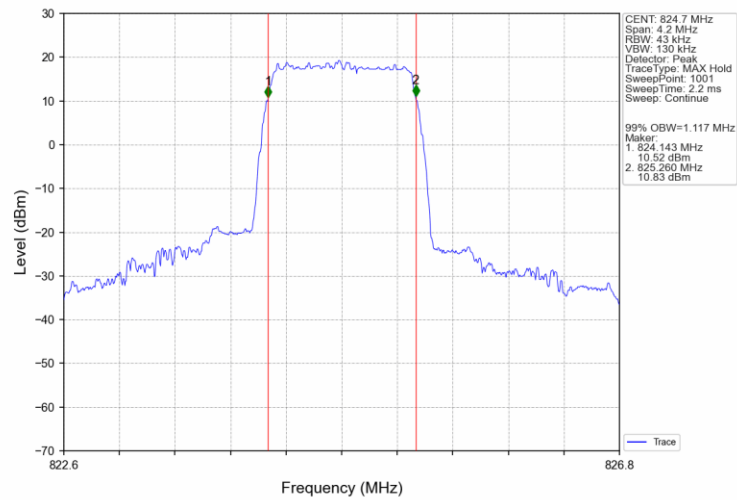


250515148FW6

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



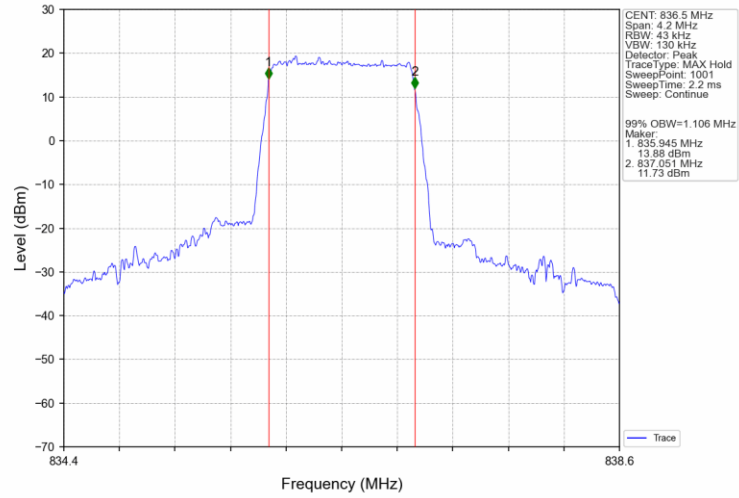
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



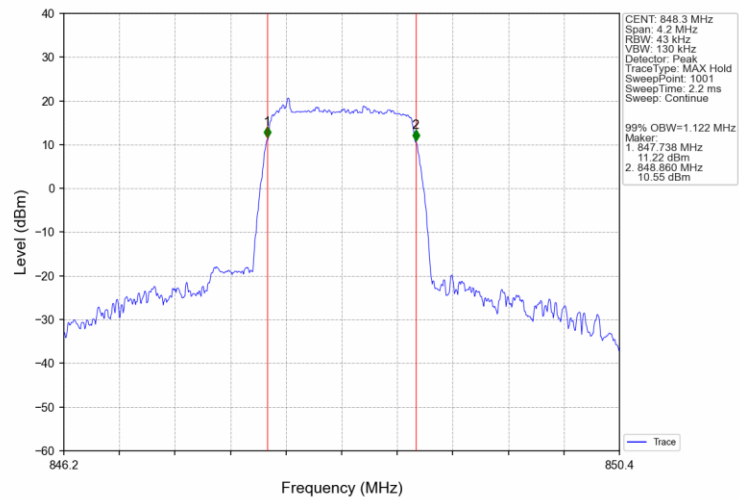


250515148FW6

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



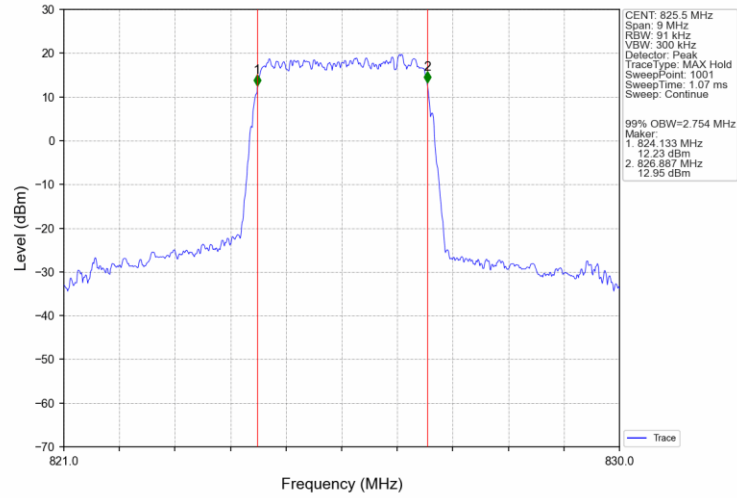
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



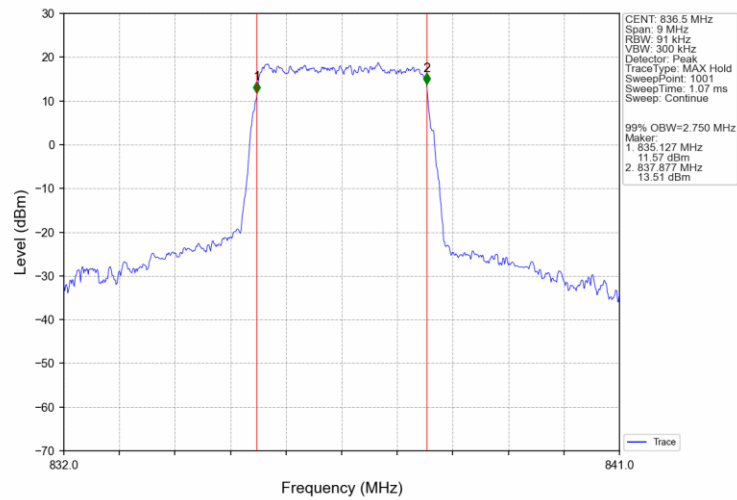


250515148FW6

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



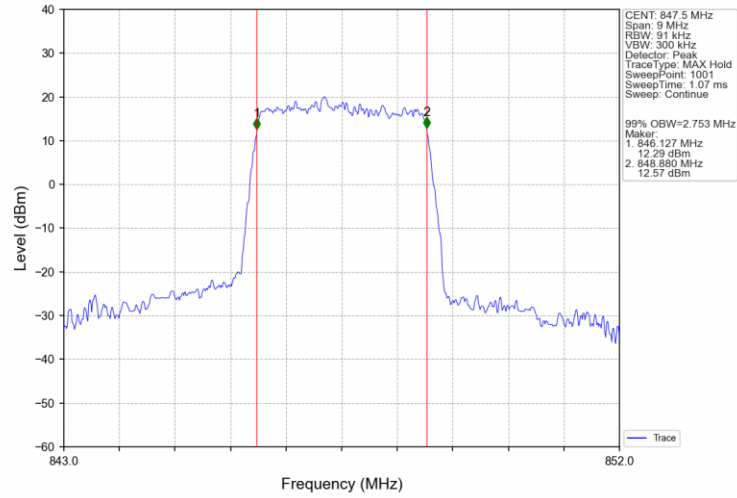
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



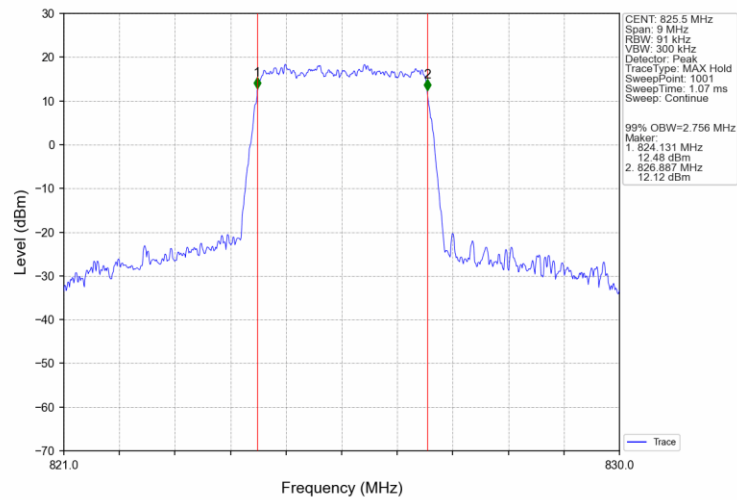


250515148FW6

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



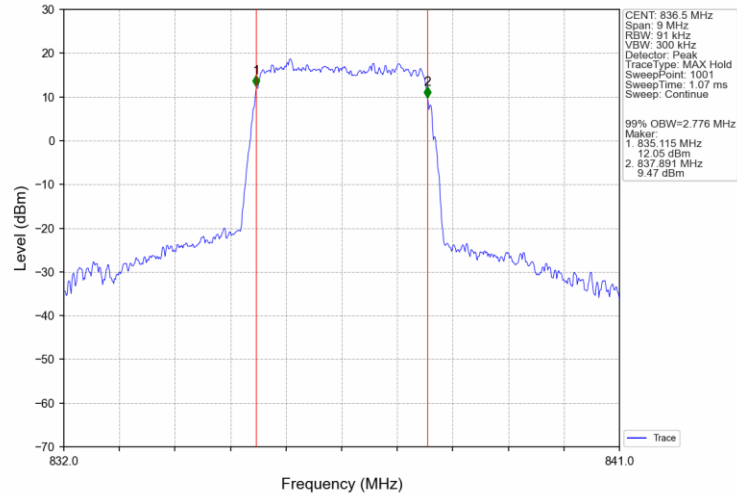
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



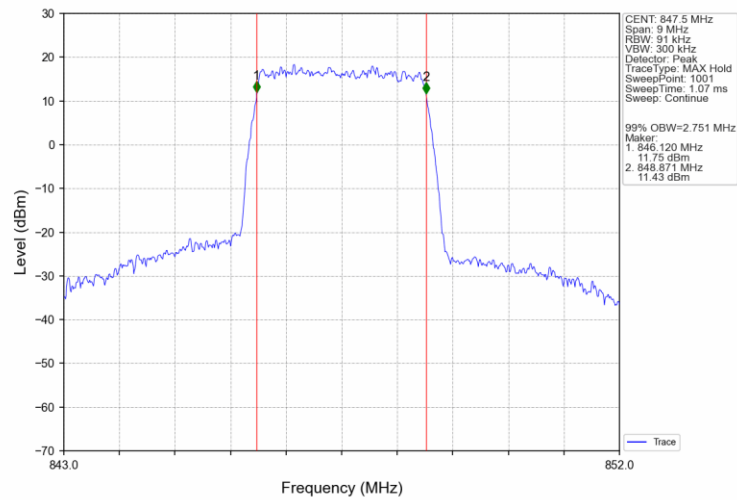


250515148FW6

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



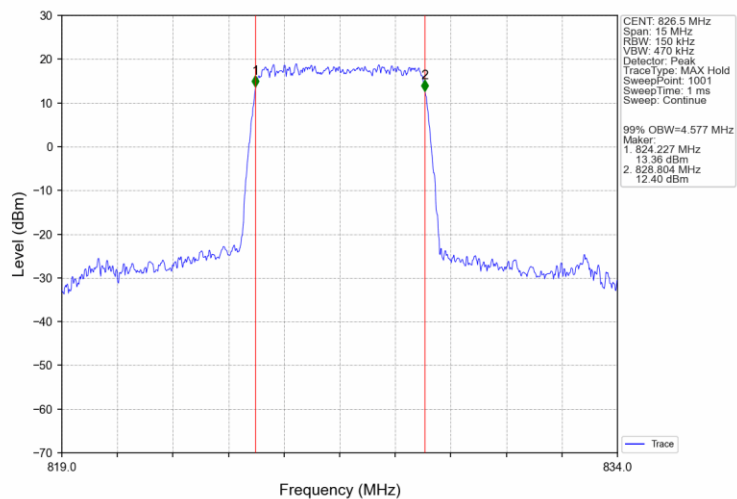
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



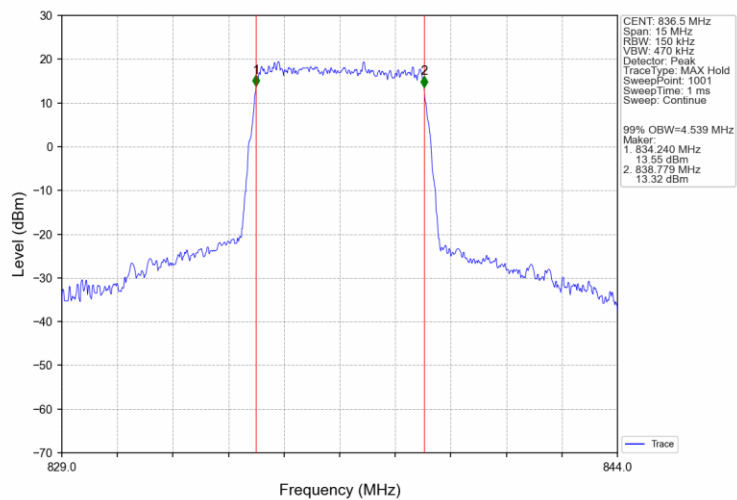


250515148FW6

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



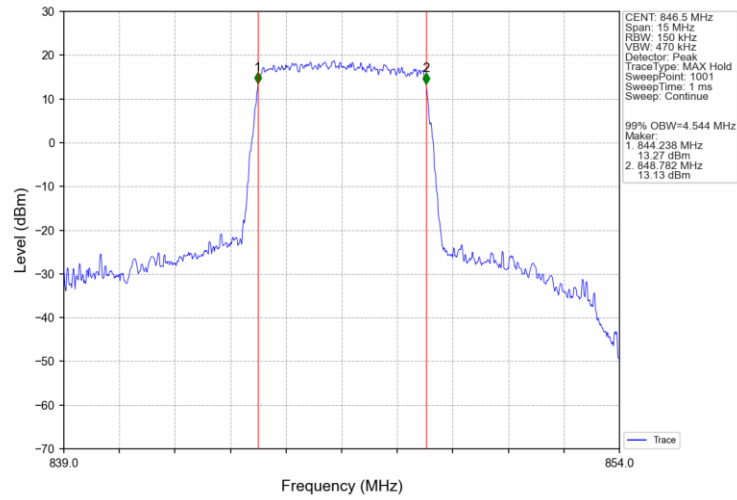
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



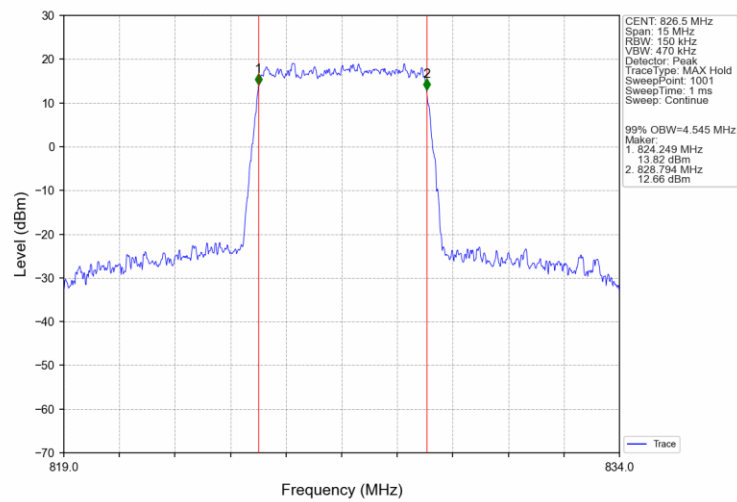


250515148FW6

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



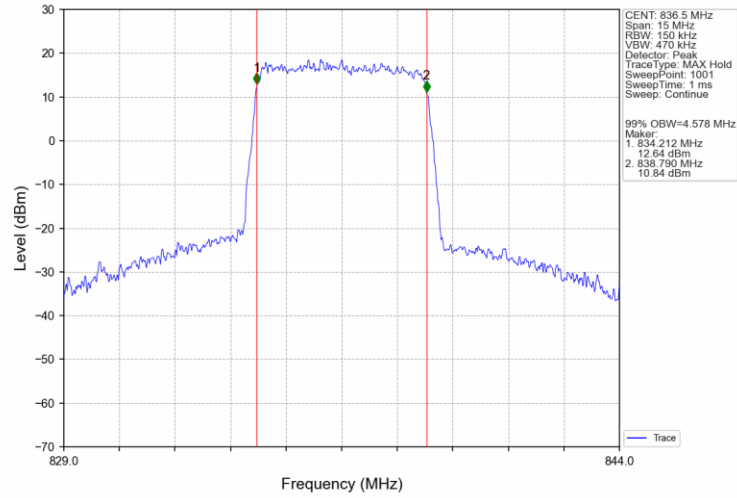
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



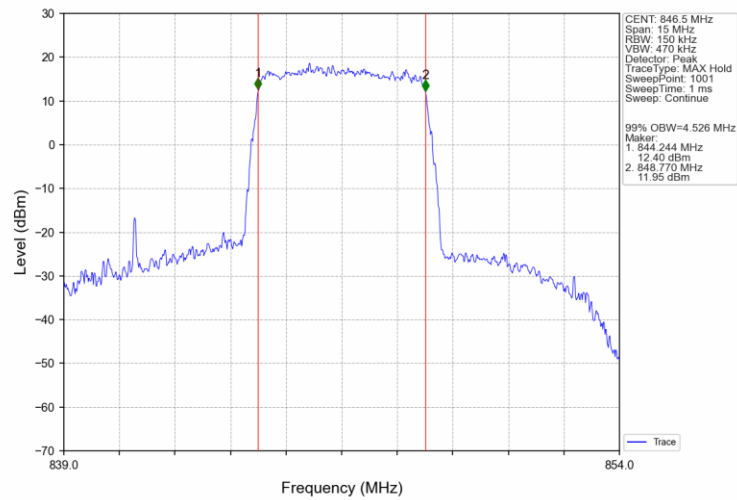


250515148FW6

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



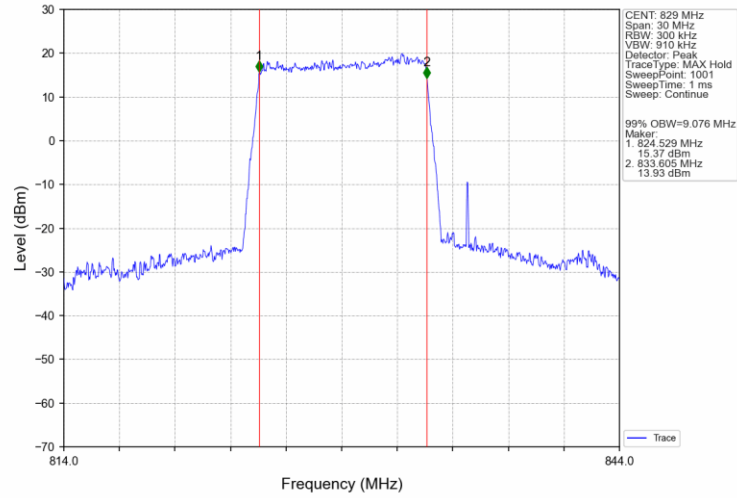
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



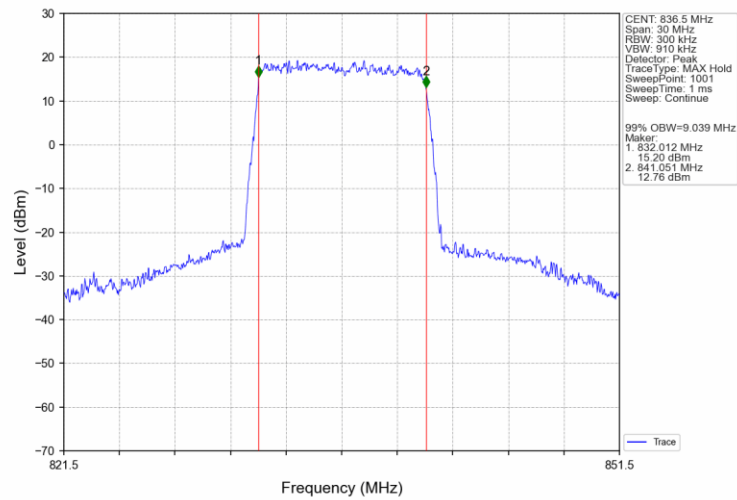


250515148FW6

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



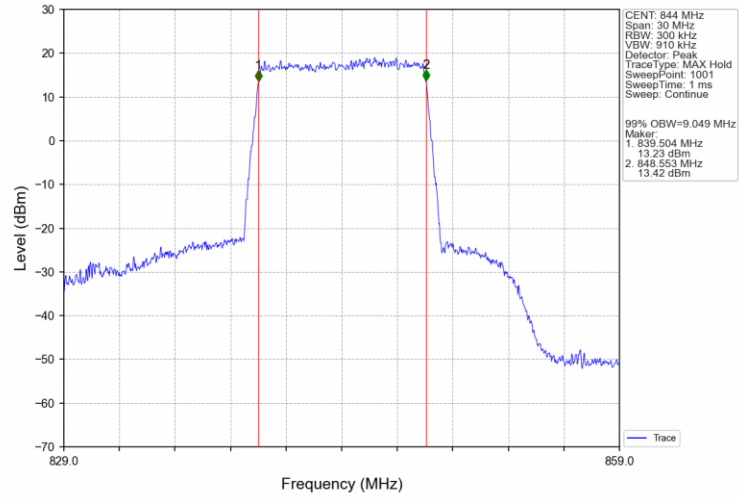
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



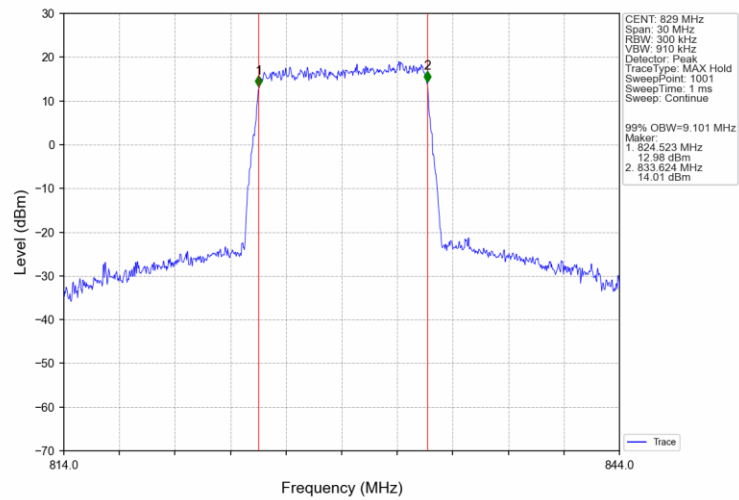


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Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



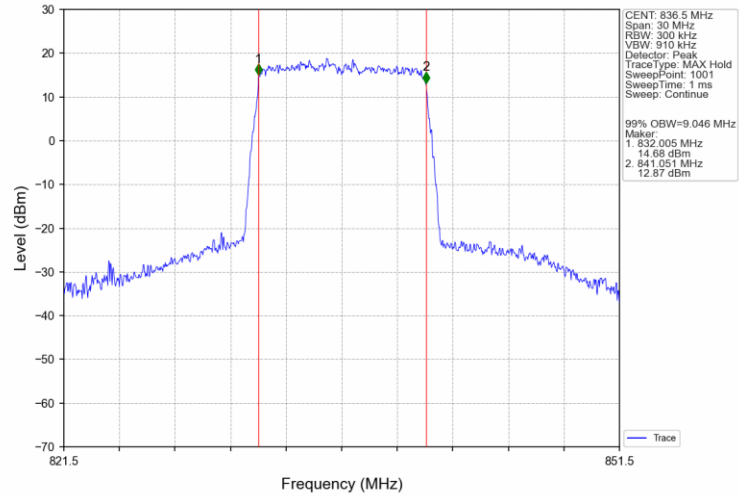
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



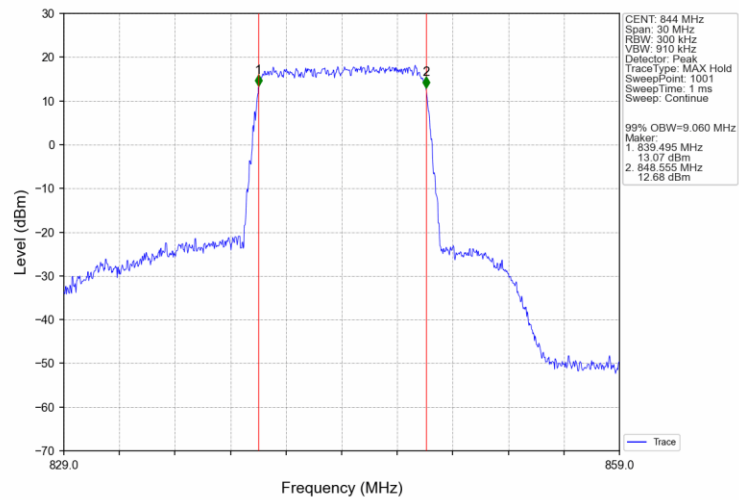


250515148FW6

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

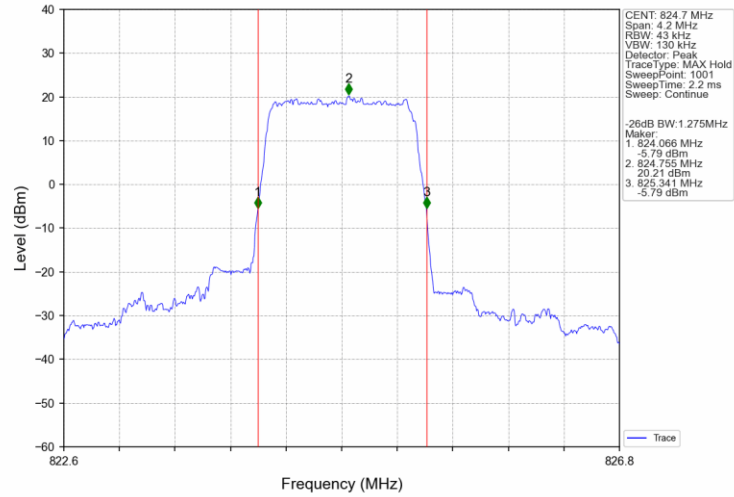


Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

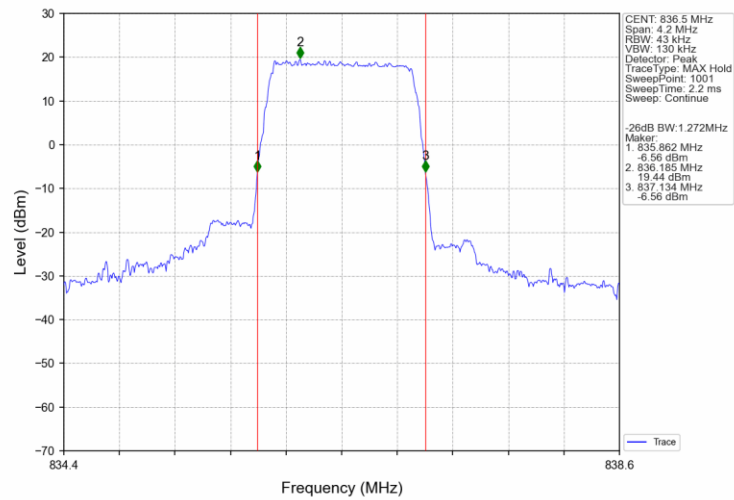


## 4.2.2 Band5\_XDB

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



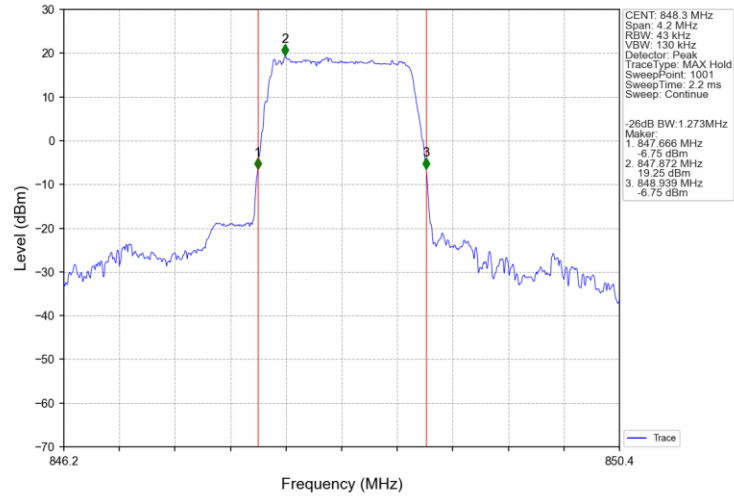
Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



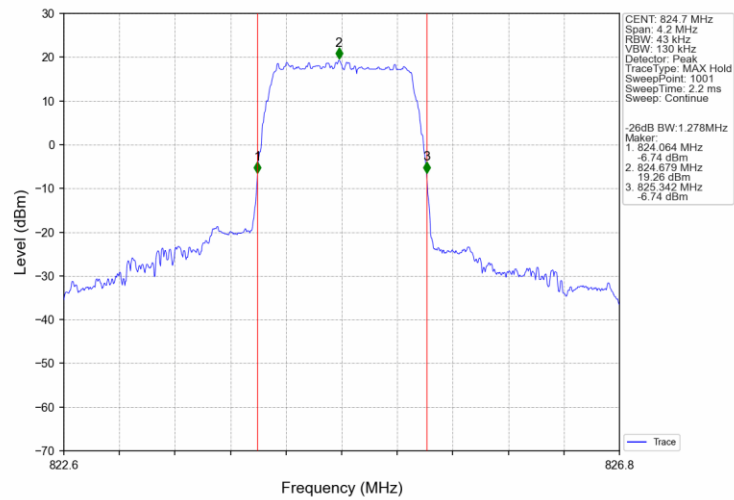


250515148FW6

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



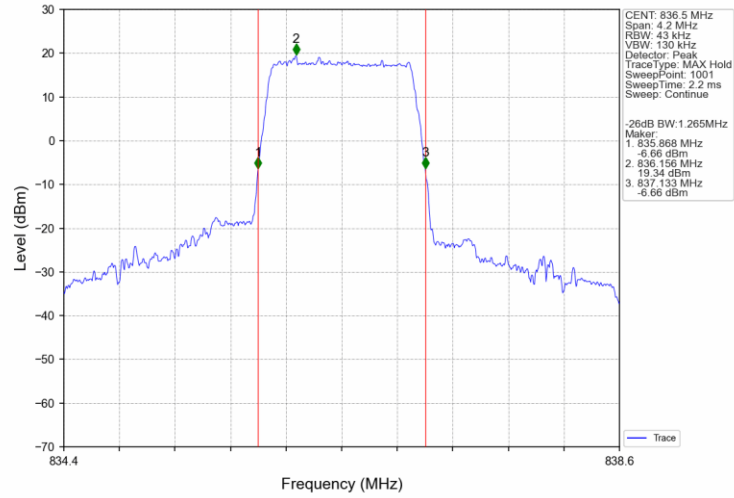
Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



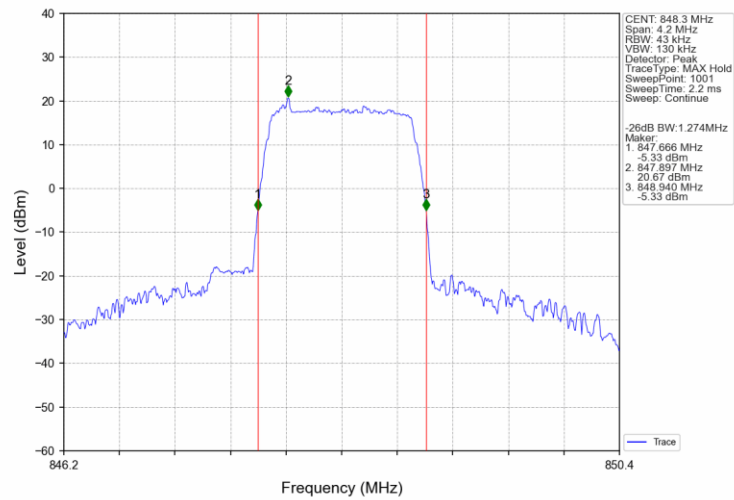


250515148FW6

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



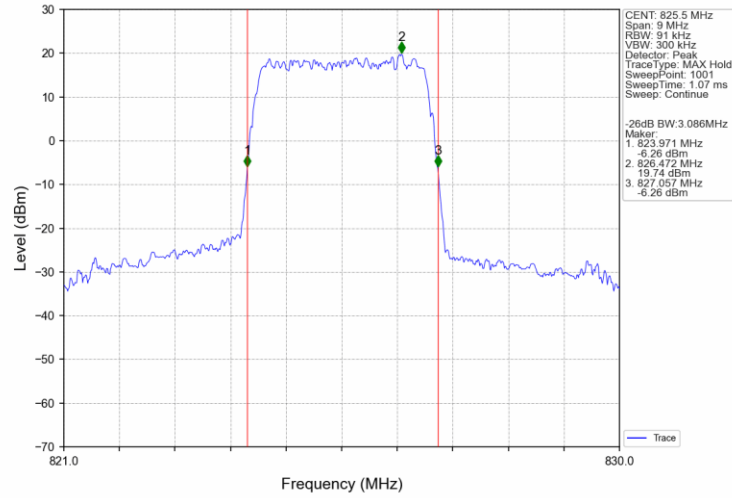
Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



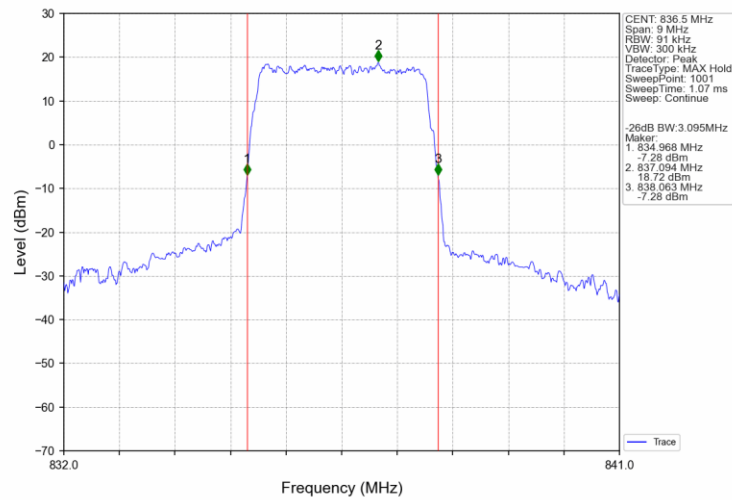


250515148FW6

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



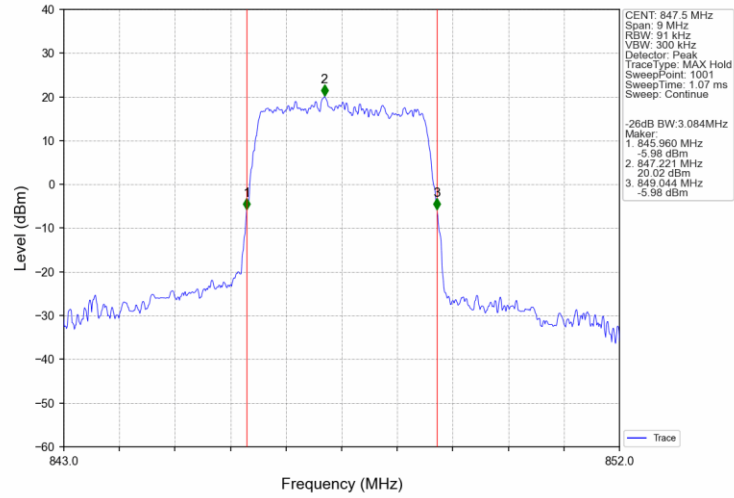
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



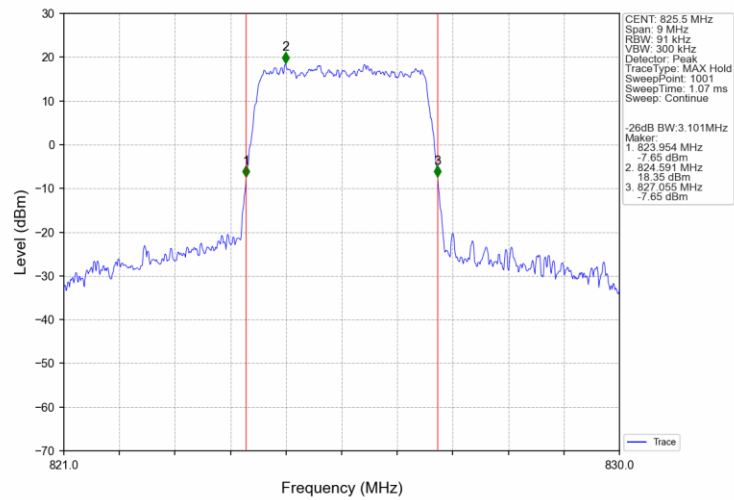


250515148FW6

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



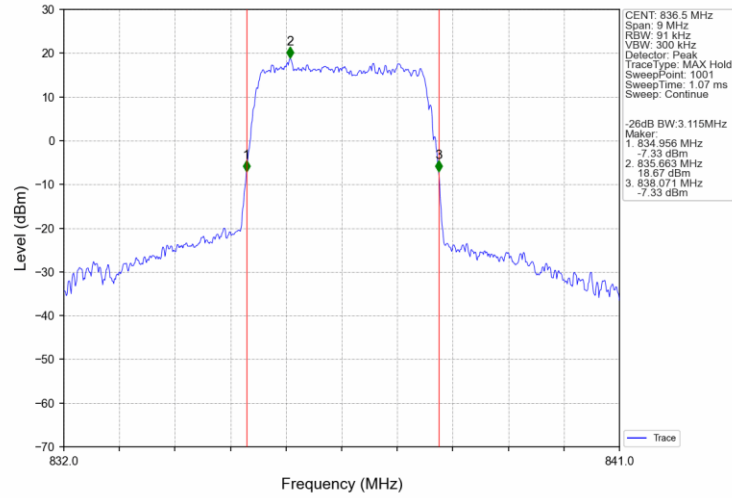
Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



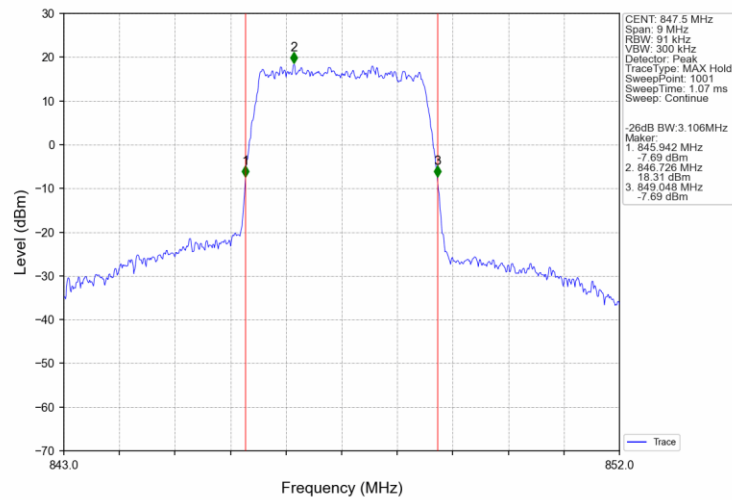


250515148FW6

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



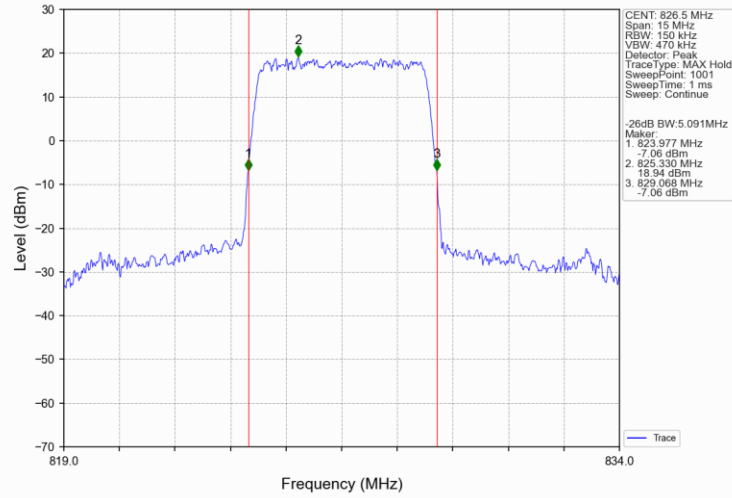
Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



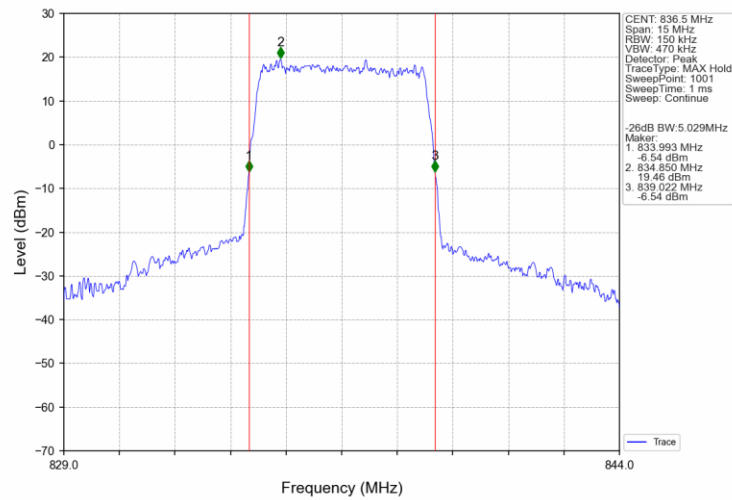


250515148FW6

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



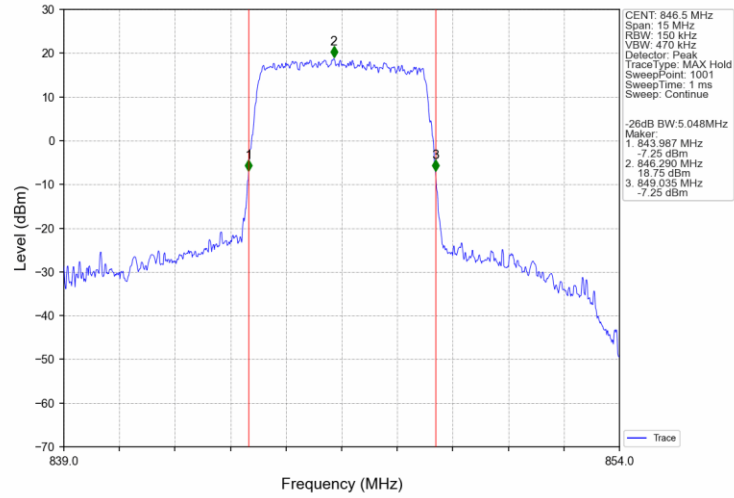
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



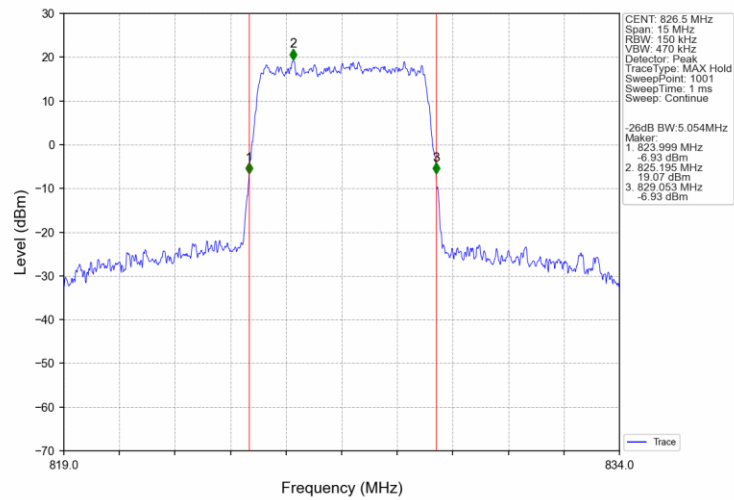


250515148FW6

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



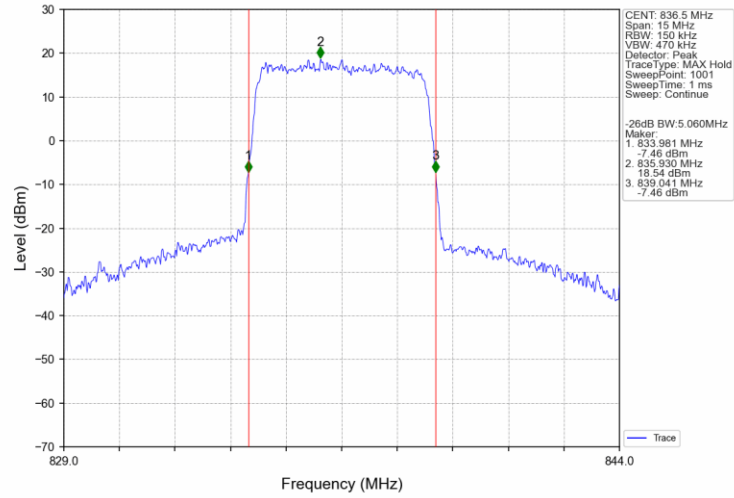
Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



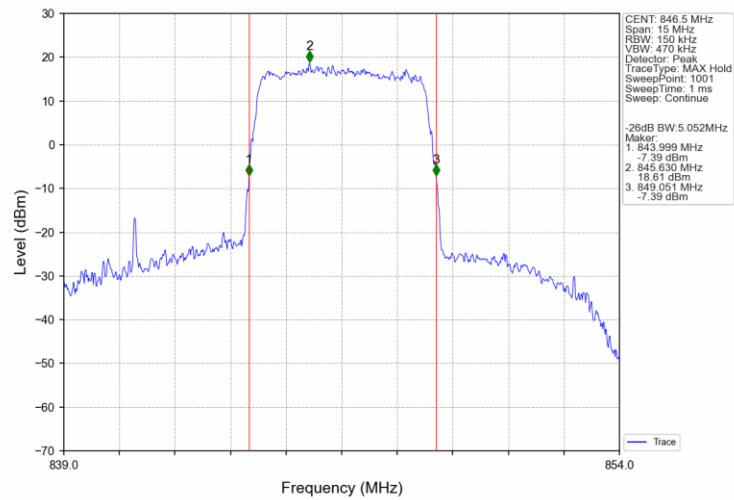


250515148FW6

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



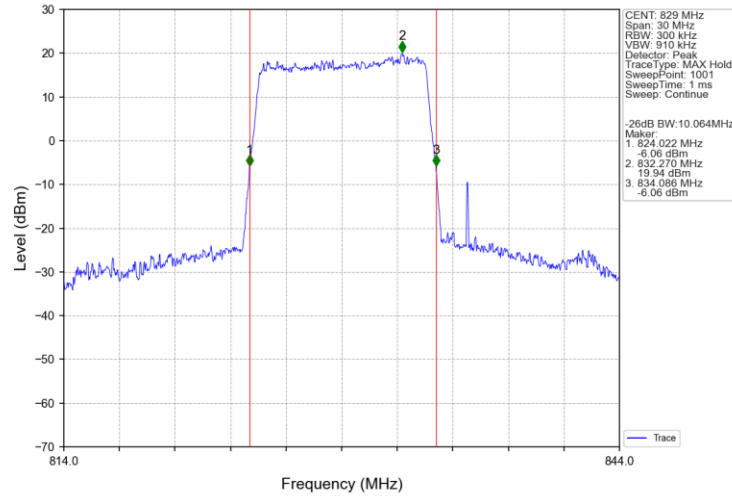
Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



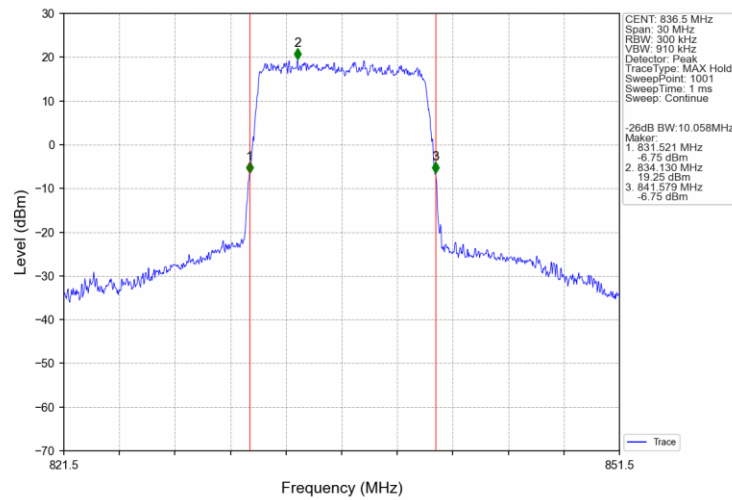


250515148FW6

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



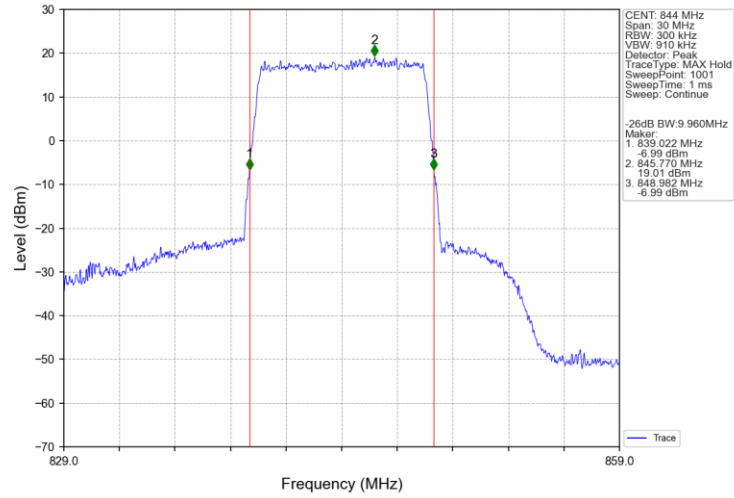
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



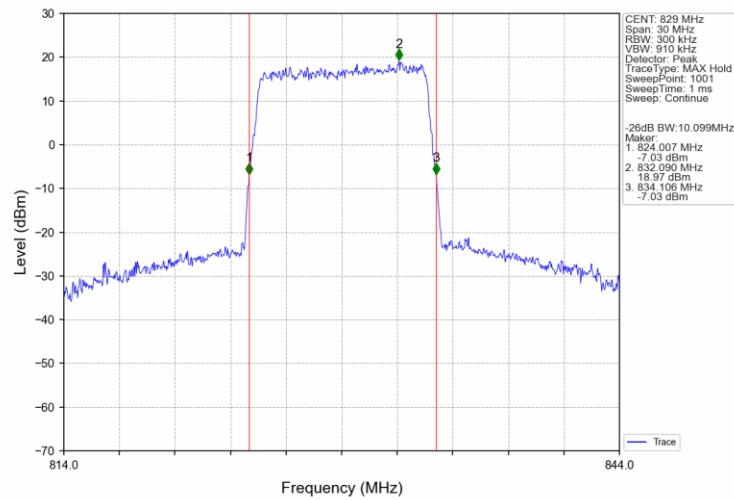


250515148FW6

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



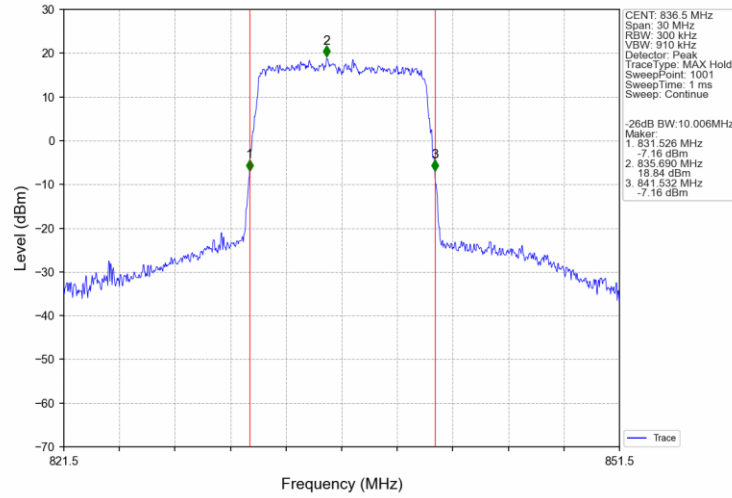
Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



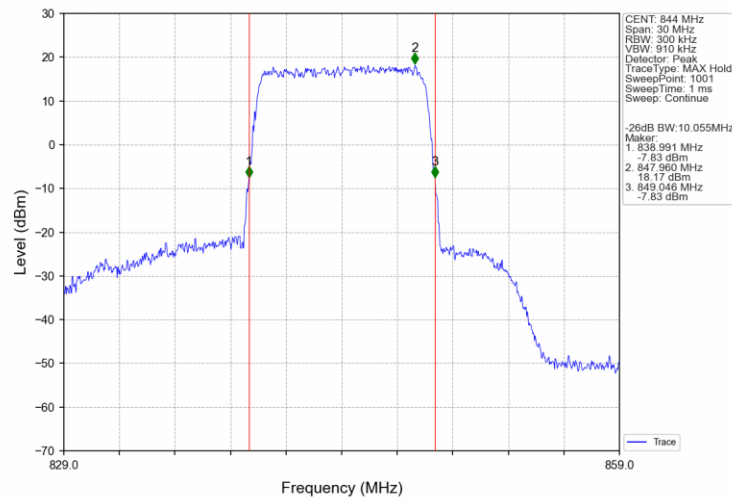


250515148FW6

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      | 5.76                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 5.85                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 5.77                    | <=13  | Pass    |
| 16QAM                              | 824.7           | 6             | 0      | 6.49                    | <=13  | Pass    |
|                                    | 836.5           | 6             | 0      | 6.72                    | <=13  | Pass    |
|                                    | 848.3           | 6             | 0      | 6.41                    | <=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      | 5.74                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 5.94                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 5.76                    | <=13  | Pass    |
| 16QAM                            | 825.5           | 15            | 0      | 6.59                    | <=13  | Pass    |
|                                  | 836.5           | 15            | 0      | 6.73                    | <=13  | Pass    |
|                                  | 847.5           | 15            | 0      | 6.58                    | <=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      | 5.83                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 5.79                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 5.70                    | <=13  | Pass    |
| 16QAM                            | 826.5           | 25            | 0      | 6.42                    | <=13  | Pass    |
|                                  | 836.5           | 25            | 0      | 6.61                    | <=13  | Pass    |
|                                  | 846.5           | 25            | 0      | 6.47                    | <=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      | 5.89                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 5.72                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 5.85                    | <=13  | Pass    |
| 16QAM                             | 829             | 50            | 0      | 6.53                    | <=13  | Pass    |
|                                   | 836.5           | 50            | 0      | 6.52                    | <=13  | Pass    |
|                                   | 844             | 50            | 0      | 6.55                    | <=13  | Pass    |



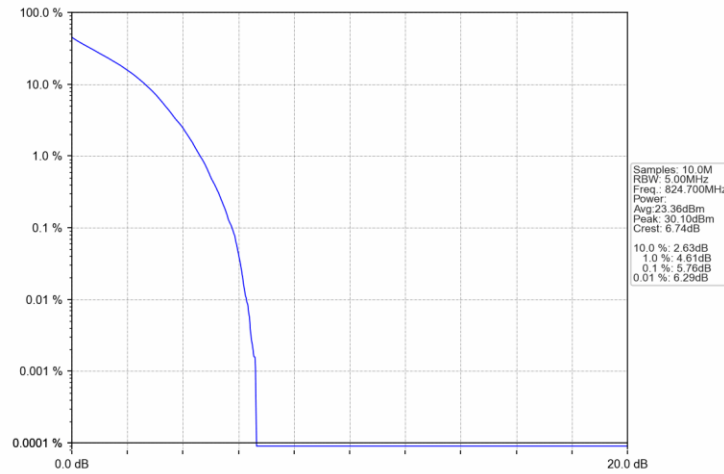


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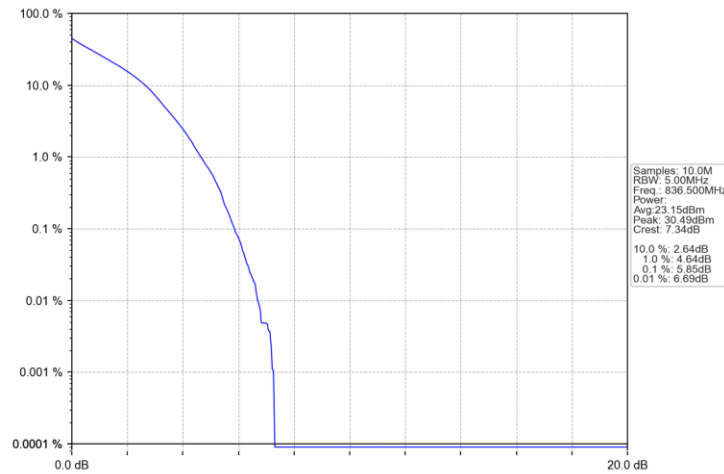
## 5.2 Test Graph

### 5.2.1 B5\_1.4MHz

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



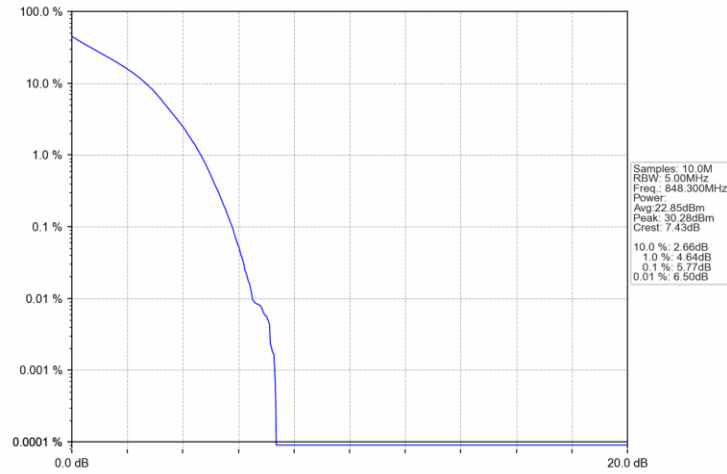
Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



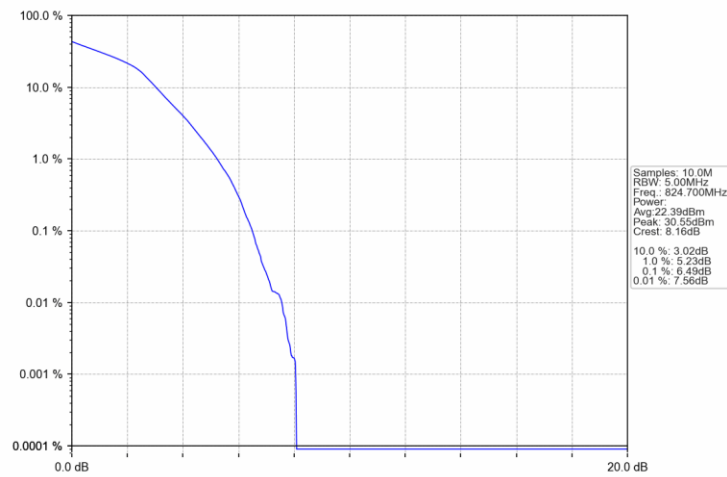


250515148FW6

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



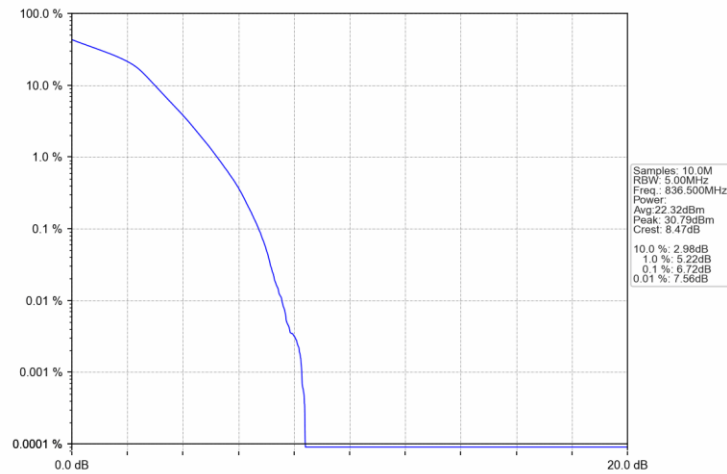
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



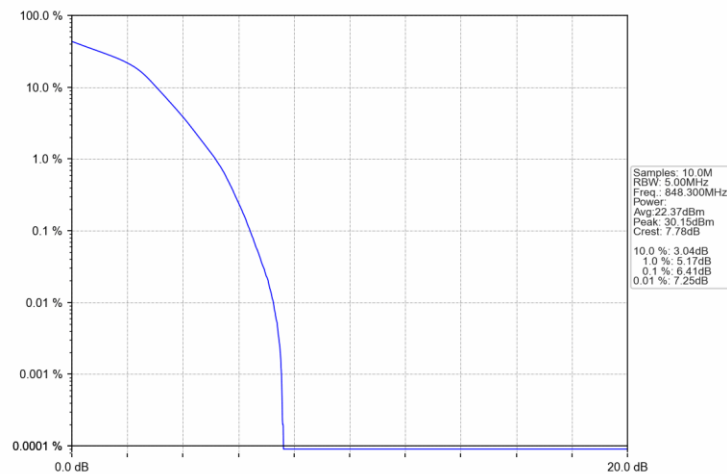


250515148FW6

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

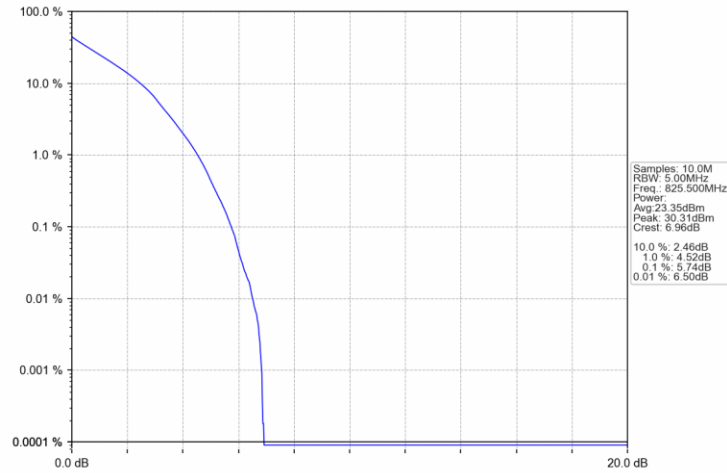


Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



## 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

