

# 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      | 24.15                 | -3.10      | 18.90     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.17                 | -3.10      | 18.92     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.13                 | -3.10      | 18.88     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.16                 | -3.10      | 18.91     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.11                 | -3.10      | 18.86     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.11                 | -3.10      | 18.86     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.13                 | -3.10      | 17.88     | <=38.45 | Pass    |
|                                    | 836.5           | 1             | 0      | 24.23                 | -3.10      | 18.98     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.16                 | -3.10      | 18.91     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.18                 | -3.10      | 18.93     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.15                 | -3.10      | 18.90     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.19                 | -3.10      | 18.94     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.21                 | -3.10      | 18.96     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.17                 | -3.10      | 17.92     | <=38.45 | Pass    |
|                                    | 848.3           | 1             | 0      | 24.12                 | -3.10      | 18.87     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.14                 | -3.10      | 18.89     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 24.14                 | -3.10      | 18.89     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 24.11                 | -3.10      | 18.86     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 24.13                 | -3.10      | 18.88     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 24.12                 | -3.10      | 18.87     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 23.18                 | -3.10      | 17.93     | <=38.45 | Pass    |
| 16QAM                              | 824.7           | 1             | 0      | 23.44                 | -3.10      | 18.19     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.37                 | -3.10      | 18.12     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.42                 | -3.10      | 18.17     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 23.17                 | -3.10      | 17.92     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.13                 | -3.10      | 17.88     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 23.15                 | -3.10      | 17.90     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.17                 | -3.10      | 16.92     | <=38.45 | Pass    |
|                                    | 836.5           | 1             | 0      | 23.53                 | -3.10      | 18.28     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.53                 | -3.10      | 18.28     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.55                 | -3.10      | 18.30     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 23.16                 | -3.10      | 17.91     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.18                 | -3.10      | 17.93     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 23.17                 | -3.10      | 17.92     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.22                 | -3.10      | 16.97     | <=38.45 | Pass    |
|                                    | 848.3           | 1             | 0      | 23.45                 | -3.10      | 18.20     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.33                 | -3.10      | 18.08     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 23.41                 | -3.10      | 18.16     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 23.09                 | -3.10      | 17.84     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 23.25                 | -3.10      | 18.00     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 23.12                 | -3.10      | 17.87     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 22.24                 | -3.10      | 16.99     | <=38.45 | Pass    |
| 64QAM                              | 824.7           | 1             | 0      | 22.30                 | -3.10      | 17.05     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.36                 | -3.10      | 17.11     | <=38.45 | Pass    |
|                                    |                 |               | 5      | 22.27                 | -3.10      | 17.02     | <=38.45 | Pass    |
|                                    |                 | 3             | 0      | 22.27                 | -3.10      | 17.02     | <=38.45 | Pass    |
|                                    |                 |               | 2      | 22.21                 | -3.10      | 16.96     | <=38.45 | Pass    |
|                                    |                 |               | 3      | 22.26                 | -3.10      | 17.01     | <=38.45 | Pass    |
|                                    |                 | 6             | 0      | 21.11                 | -3.10      | 15.86     | <=38.45 | Pass    |

|        |       |   |   |       |       |       |         |      |
|--------|-------|---|---|-------|-------|-------|---------|------|
|        | 836.5 | 1 | 0 | 22.50 | -3.10 | 17.25 | <=38.45 | Pass |
|        |       |   | 2 | 22.38 | -3.10 | 17.13 | <=38.45 | Pass |
|        |       |   | 5 | 22.30 | -3.10 | 17.05 | <=38.45 | Pass |
|        |       | 3 | 0 | 22.36 | -3.10 | 17.11 | <=38.45 | Pass |
|        |       |   | 2 | 22.34 | -3.10 | 17.09 | <=38.45 | Pass |
|        |       |   | 3 | 22.25 | -3.10 | 17.00 | <=38.45 | Pass |
|        |       | 6 | 0 | 21.18 | -3.10 | 15.93 | <=38.45 | Pass |
|        | 848.3 | 1 | 0 | 22.32 | -3.10 | 17.07 | <=38.45 | Pass |
|        |       |   | 2 | 22.24 | -3.10 | 16.99 | <=38.45 | Pass |
|        |       |   | 5 | 22.34 | -3.10 | 17.09 | <=38.45 | Pass |
|        |       | 3 | 0 | 22.22 | -3.10 | 16.97 | <=38.45 | Pass |
|        |       |   | 2 | 22.25 | -3.10 | 17.00 | <=38.45 | Pass |
|        |       |   | 3 | 22.24 | -3.10 | 16.99 | <=38.45 | Pass |
|        |       | 6 | 0 | 21.14 | -3.10 | 15.89 | <=38.45 | Pass |
| 256QAM | 824.7 | 1 | 0 | 19.07 | -3.10 | 13.82 | <=38.45 | Pass |
|        |       |   | 2 | 19.21 | -3.10 | 13.96 | <=38.45 | Pass |
|        |       |   | 5 | 19.24 | -3.10 | 13.99 | <=38.45 | Pass |
|        |       | 3 | 0 | 19.26 | -3.10 | 14.01 | <=38.45 | Pass |
|        |       |   | 2 | 19.16 | -3.10 | 13.91 | <=38.45 | Pass |
|        |       |   | 3 | 19.21 | -3.10 | 13.96 | <=38.45 | Pass |
|        |       | 6 | 0 | 19.11 | -3.10 | 13.86 | <=38.45 | Pass |
|        | 836.5 | 1 | 0 | 19.28 | -3.10 | 14.03 | <=38.45 | Pass |
|        |       |   | 2 | 19.30 | -3.10 | 14.05 | <=38.45 | Pass |
|        |       |   | 5 | 19.24 | -3.10 | 13.99 | <=38.45 | Pass |
|        |       | 3 | 0 | 19.28 | -3.10 | 14.03 | <=38.45 | Pass |
|        |       |   | 2 | 19.26 | -3.10 | 14.01 | <=38.45 | Pass |
|        |       |   | 3 | 19.22 | -3.10 | 13.97 | <=38.45 | Pass |
|        |       | 6 | 0 | 19.19 | -3.10 | 13.94 | <=38.45 | Pass |
|        | 848.3 | 1 | 0 | 19.23 | -3.10 | 13.98 | <=38.45 | Pass |
|        |       |   | 2 | 19.15 | -3.10 | 13.90 | <=38.45 | Pass |
|        |       |   | 5 | 19.30 | -3.10 | 14.05 | <=38.45 | Pass |
|        |       | 3 | 0 | 19.22 | -3.10 | 13.97 | <=38.45 | Pass |
|        |       |   | 2 | 19.26 | -3.10 | 14.01 | <=38.45 | Pass |
|        |       |   | 3 | 19.25 | -3.10 | 14.00 | <=38.45 | Pass |
|        |       | 6 | 0 | 19.17 | -3.10 | 13.92 | <=38.45 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.2 B5\_3MHz\_ERP

| Band: 5 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |           |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                             | 825.5           | 1             | 0      | 24.16                 | -3.10      | 18.91     | <=38.45 | Pass    |
|                                  |                 |               | 7      | 24.11                 | -3.10      | 18.86     | <=38.45 | Pass    |
|                                  |                 |               | 14     | 24.12                 | -3.10      | 18.87     | <=38.45 | Pass    |
|                                  |                 | 8             | 0      | 23.16                 | -3.10      | 17.91     | <=38.45 | Pass    |
|                                  |                 |               | 4      | 23.14                 | -3.10      | 17.89     | <=38.45 | Pass    |
|                                  |                 |               | 7      | 23.17                 | -3.10      | 17.92     | <=38.45 | Pass    |
|                                  |                 | 15            | 0      | 23.19                 | -3.10      | 17.94     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.20                 | -3.10      | 18.95     | <=38.45 | Pass    |
|                                  |                 |               | 7      | 24.16                 | -3.10      | 18.91     | <=38.45 | Pass    |
|                                  |                 |               | 14     | 24.18                 | -3.10      | 18.93     | <=38.45 | Pass    |
|                                  |                 | 8             | 0      | 23.26                 | -3.10      | 18.01     | <=38.45 | Pass    |
|                                  |                 |               | 4      | 23.17                 | -3.10      | 17.92     | <=38.45 | Pass    |
|                                  |                 |               | 7      | 23.19                 | -3.10      | 17.94     | <=38.45 | Pass    |
|                                  |                 | 15            | 0      | 23.23                 | -3.10      | 17.98     | <=38.45 | Pass    |
|                                  | 847.5           | 1             | 0      | 24.14                 | -3.10      | 18.89     | <=38.45 | Pass    |

|        |       |    |    |       |       |       |         |      |
|--------|-------|----|----|-------|-------|-------|---------|------|
|        |       | 8  | 7  | 24.17 | -3.10 | 18.92 | <=38.45 | Pass |
|        |       |    | 14 | 24.15 | -3.10 | 18.90 | <=38.45 | Pass |
|        |       |    | 0  | 23.18 | -3.10 | 17.93 | <=38.45 | Pass |
|        |       |    | 4  | 23.15 | -3.10 | 17.90 | <=38.45 | Pass |
|        |       |    | 7  | 23.19 | -3.10 | 17.94 | <=38.45 | Pass |
|        |       | 15 | 0  | 23.17 | -3.10 | 17.92 | <=38.45 | Pass |
| 16QAM  | 825.5 | 1  | 0  | 23.40 | -3.10 | 18.15 | <=38.45 | Pass |
|        |       |    | 7  | 23.48 | -3.10 | 18.23 | <=38.45 | Pass |
|        |       |    | 14 | 23.48 | -3.10 | 18.23 | <=38.45 | Pass |
|        |       | 8  | 0  | 22.21 | -3.10 | 16.96 | <=38.45 | Pass |
|        |       |    | 4  | 22.27 | -3.10 | 17.02 | <=38.45 | Pass |
|        |       |    | 7  | 22.22 | -3.10 | 16.97 | <=38.45 | Pass |
|        |       | 15 | 0  | 22.19 | -3.10 | 16.94 | <=38.45 | Pass |
|        | 836.5 | 1  | 0  | 23.47 | -3.10 | 18.22 | <=38.45 | Pass |
|        |       |    | 7  | 23.55 | -3.10 | 18.30 | <=38.45 | Pass |
|        |       |    | 14 | 23.42 | -3.10 | 18.17 | <=38.45 | Pass |
|        |       | 8  | 0  | 22.26 | -3.10 | 17.01 | <=38.45 | Pass |
|        |       |    | 4  | 22.23 | -3.10 | 16.98 | <=38.45 | Pass |
|        |       |    | 7  | 22.21 | -3.10 | 16.96 | <=38.45 | Pass |
|        |       | 15 | 0  | 22.20 | -3.10 | 16.95 | <=38.45 | Pass |
|        | 847.5 | 1  | 0  | 23.38 | -3.10 | 18.13 | <=38.45 | Pass |
|        |       |    | 7  | 23.45 | -3.10 | 18.20 | <=38.45 | Pass |
|        |       |    | 14 | 23.39 | -3.10 | 18.14 | <=38.45 | Pass |
|        |       | 8  | 0  | 22.18 | -3.10 | 16.93 | <=38.45 | Pass |
|        |       |    | 4  | 22.23 | -3.10 | 16.98 | <=38.45 | Pass |
|        |       |    | 7  | 22.22 | -3.10 | 16.97 | <=38.45 | Pass |
|        |       | 15 | 0  | 22.19 | -3.10 | 16.94 | <=38.45 | Pass |
| 64QAM  | 825.5 | 1  | 0  | 22.44 | -3.10 | 17.19 | <=38.45 | Pass |
|        |       |    | 7  | 22.24 | -3.10 | 16.99 | <=38.45 | Pass |
|        |       |    | 14 | 22.38 | -3.10 | 17.13 | <=38.45 | Pass |
|        |       | 8  | 0  | 21.22 | -3.10 | 15.97 | <=38.45 | Pass |
|        |       |    | 4  | 21.21 | -3.10 | 15.96 | <=38.45 | Pass |
|        |       |    | 7  | 21.23 | -3.10 | 15.98 | <=38.45 | Pass |
|        |       | 15 | 0  | 21.10 | -3.10 | 15.85 | <=38.45 | Pass |
|        | 836.5 | 1  | 0  | 22.44 | -3.10 | 17.19 | <=38.45 | Pass |
|        |       |    | 7  | 22.26 | -3.10 | 17.01 | <=38.45 | Pass |
|        |       |    | 14 | 22.39 | -3.10 | 17.14 | <=38.45 | Pass |
|        |       | 8  | 0  | 21.23 | -3.10 | 15.98 | <=38.45 | Pass |
|        |       |    | 4  | 21.21 | -3.10 | 15.96 | <=38.45 | Pass |
|        |       |    | 7  | 21.24 | -3.10 | 15.99 | <=38.45 | Pass |
|        |       | 15 | 0  | 21.22 | -3.10 | 15.97 | <=38.45 | Pass |
|        | 847.5 | 1  | 0  | 22.36 | -3.10 | 17.11 | <=38.45 | Pass |
|        |       |    | 7  | 22.41 | -3.10 | 17.16 | <=38.45 | Pass |
|        |       |    | 14 | 22.37 | -3.10 | 17.12 | <=38.45 | Pass |
|        |       | 8  | 0  | 21.21 | -3.10 | 15.96 | <=38.45 | Pass |
|        |       |    | 4  | 21.22 | -3.10 | 15.97 | <=38.45 | Pass |
|        |       |    | 7  | 21.18 | -3.10 | 15.93 | <=38.45 | Pass |
|        |       | 15 | 0  | 21.16 | -3.10 | 15.91 | <=38.45 | Pass |
| 256QAM | 825.5 | 1  | 0  | 19.31 | -3.10 | 14.06 | <=38.45 | Pass |
|        |       |    | 7  | 19.12 | -3.10 | 13.87 | <=38.45 | Pass |
|        |       |    | 14 | 19.15 | -3.10 | 13.90 | <=38.45 | Pass |
|        |       | 8  | 0  | 19.15 | -3.10 | 13.90 | <=38.45 | Pass |
|        |       |    | 4  | 19.11 | -3.10 | 13.86 | <=38.45 | Pass |
|        |       |    | 7  | 19.14 | -3.10 | 13.89 | <=38.45 | Pass |
|        |       | 15 | 0  | 19.14 | -3.10 | 13.89 | <=38.45 | Pass |
|        | 836.5 | 1  | 0  | 19.28 | -3.10 | 14.03 | <=38.45 | Pass |
|        |       |    | 7  | 19.25 | -3.10 | 14.00 | <=38.45 | Pass |
|        |       |    | 14 | 19.25 | -3.10 | 14.00 | <=38.45 | Pass |
|        |       | 8  | 0  | 19.24 | -3.10 | 13.99 | <=38.45 | Pass |

|                                              |       |    |    |       |       |       |         |      |
|----------------------------------------------|-------|----|----|-------|-------|-------|---------|------|
|                                              |       |    | 4  | 19.18 | -3.10 | 13.93 | <=38.45 | Pass |
|                                              |       |    | 7  | 19.19 | -3.10 | 13.94 | <=38.45 | Pass |
|                                              |       | 15 | 0  | 19.16 | -3.10 | 13.91 | <=38.45 | Pass |
|                                              | 847.5 | 1  | 0  | 19.24 | -3.10 | 13.99 | <=38.45 | Pass |
|                                              |       |    | 7  | 19.11 | -3.10 | 13.86 | <=38.45 | Pass |
|                                              |       |    | 14 | 19.20 | -3.10 | 13.95 | <=38.45 | Pass |
|                                              |       | 8  | 0  | 19.14 | -3.10 | 13.89 | <=38.45 | Pass |
|                                              |       |    | 4  | 19.11 | -3.10 | 13.86 | <=38.45 | Pass |
|                                              |       |    | 7  | 19.14 | -3.10 | 13.89 | <=38.45 | Pass |
|                                              |       | 15 | 0  | 19.11 | -3.10 | 13.86 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |       |    |    |       |       |       |         |      |

### 1.1.3 B5\_5MHz\_ERP

| Band: 5 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |           |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                             | 826.5           | 1             | 0      | 24.20                 | -3.10      | 18.95     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 24.21                 | -3.10      | 18.96     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 24.25                 | -3.10      | 19.00     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 23.21                 | -3.10      | 17.96     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.24                 | -3.10      | 17.99     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.26                 | -3.10      | 18.01     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.25                 | -3.10      | 18.00     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 0      | 24.26                 | -3.10      | 19.01     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 24.25                 | -3.10      | 19.00     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 24.22                 | -3.10      | 18.97     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 23.28                 | -3.10      | 18.03     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.25                 | -3.10      | 18.00     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.23                 | -3.10      | 17.98     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.30                 | -3.10      | 18.05     | <=38.45 | Pass    |
|                                  | 846.5           | 1             | 0      | 24.22                 | -3.10      | 18.97     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 24.19                 | -3.10      | 18.94     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 24.19                 | -3.10      | 18.94     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 23.22                 | -3.10      | 17.97     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 23.18                 | -3.10      | 17.93     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.21                 | -3.10      | 17.96     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 23.22                 | -3.10      | 17.97     | <=38.45 | Pass    |
| 16QAM                            | 826.5           | 1             | 0      | 23.55                 | -3.10      | 18.30     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.40                 | -3.10      | 18.15     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.58                 | -3.10      | 18.33     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 22.22                 | -3.10      | 16.97     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 22.23                 | -3.10      | 16.98     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.26                 | -3.10      | 17.01     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 22.21                 | -3.10      | 16.96     | <=38.45 | Pass    |
|                                  | 836.5           | 1             | 0      | 23.52                 | -3.10      | 18.27     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.59                 | -3.10      | 18.34     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.37                 | -3.10      | 18.12     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 22.29                 | -3.10      | 17.04     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 22.30                 | -3.10      | 17.05     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 22.24                 | -3.10      | 16.99     | <=38.45 | Pass    |
|                                  |                 | 25            | 0      | 22.28                 | -3.10      | 17.03     | <=38.45 | Pass    |
|                                  | 846.5           | 1             | 0      | 23.40                 | -3.10      | 18.15     | <=38.45 | Pass    |
|                                  |                 |               | 13     | 23.51                 | -3.10      | 18.26     | <=38.45 | Pass    |
|                                  |                 |               | 24     | 23.52                 | -3.10      | 18.27     | <=38.45 | Pass    |
|                                  |                 | 12            | 0      | 22.22                 | -3.10      | 16.97     | <=38.45 | Pass    |
|                                  |                 |               | 6      | 22.17                 | -3.10      | 16.92     | <=38.45 | Pass    |

|                                              |       |        |       |       |       |         |         |         |         |
|----------------------------------------------|-------|--------|-------|-------|-------|---------|---------|---------|---------|
|                                              |       |        | 13    | 22.21 | -3.10 | 16.96   | <=38.45 | Pass    |         |
|                                              |       | 25     | 0     | 22.19 | -3.10 | 16.94   | <=38.45 | Pass    |         |
| 64QAM                                        | 826.5 | 1      | 0     | 22.36 | -3.10 | 17.11   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 22.35 | -3.10 | 17.10   | <=38.45 | Pass    |         |
|                                              |       |        | 24    | 22.43 | -3.10 | 17.18   | <=38.45 | Pass    |         |
|                                              |       |        | 0     | 21.23 | -3.10 | 15.98   | <=38.45 | Pass    |         |
|                                              |       | 12     | 6     | 21.26 | -3.10 | 16.01   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 21.31 | -3.10 | 16.06   | <=38.45 | Pass    |         |
|                                              |       |        | 25    | 0     | 21.24 | -3.10   | 15.99   | <=38.45 | Pass    |
|                                              |       | 836.5  | 1     | 0     | 22.45 | -3.10   | 17.20   | <=38.45 | Pass    |
|                                              |       |        |       | 13    | 22.43 | -3.10   | 17.18   | <=38.45 | Pass    |
|                                              | 24    |        |       | 22.40 | -3.10 | 17.15   | <=38.45 | Pass    |         |
|                                              | 12    |        | 0     | 21.30 | -3.10 | 16.05   | <=38.45 | Pass    |         |
|                                              |       |        | 6     | 21.28 | -3.10 | 16.03   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 21.23 | -3.10 | 15.98   | <=38.45 | Pass    |         |
|                                              | 25    |        | 0     | 21.27 | -3.10 | 16.02   | <=38.45 | Pass    |         |
|                                              | 846.5 | 1      | 0     | 22.44 | -3.10 | 17.19   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 22.33 | -3.10 | 17.08   | <=38.45 | Pass    |         |
|                                              |       |        | 24    | 22.39 | -3.10 | 17.14   | <=38.45 | Pass    |         |
|                                              |       | 12     | 0     | 21.30 | -3.10 | 16.05   | <=38.45 | Pass    |         |
|                                              |       |        | 6     | 21.20 | -3.10 | 15.95   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 21.24 | -3.10 | 15.99   | <=38.45 | Pass    |         |
|                                              |       | 25     | 0     | 21.15 | -3.10 | 15.90   | <=38.45 | Pass    |         |
|                                              |       | 256QAM | 826.5 | 1     | 0     | 19.27   | -3.10   | 14.02   | <=38.45 |
|                                              | 13    |        |       |       | 19.26 | -3.10   | 14.01   | <=38.45 | Pass    |
| 24                                           | 19.25 |        |       |       | -3.10 | 14.00   | <=38.45 | Pass    |         |
| 12                                           | 0     |        |       | 19.14 | -3.10 | 13.89   | <=38.45 | Pass    |         |
|                                              | 6     |        |       | 19.17 | -3.10 | 13.92   | <=38.45 | Pass    |         |
|                                              | 13    |        |       | 19.21 | -3.10 | 13.96   | <=38.45 | Pass    |         |
| 25                                           | 0     |        |       | 19.21 | -3.10 | 13.96   | <=38.45 | Pass    |         |
| 836.5                                        | 1     |        | 0     | 19.33 | -3.10 | 14.08   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 19.26 | -3.10 | 14.01   | <=38.45 | Pass    |         |
|                                              |       |        | 24    | 19.33 | -3.10 | 14.08   | <=38.45 | Pass    |         |
|                                              | 12    |        | 0     | 19.28 | -3.10 | 14.03   | <=38.45 | Pass    |         |
|                                              |       |        | 6     | 19.23 | -3.10 | 13.98   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 19.19 | -3.10 | 13.94   | <=38.45 | Pass    |         |
| 25                                           | 0     |        | 19.22 | -3.10 | 13.97 | <=38.45 | Pass    |         |         |
| 846.5                                        | 1     |        | 0     | 19.35 | -3.10 | 14.10   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 19.26 | -3.10 | 14.01   | <=38.45 | Pass    |         |
|                                              |       |        | 24    | 19.23 | -3.10 | 13.98   | <=38.45 | Pass    |         |
|                                              | 12    |        | 0     | 19.16 | -3.10 | 13.91   | <=38.45 | Pass    |         |
|                                              |       |        | 6     | 19.14 | -3.10 | 13.89   | <=38.45 | Pass    |         |
|                                              |       |        | 13    | 19.13 | -3.10 | 13.88   | <=38.45 | Pass    |         |
|                                              | 25    |        | 0     | 19.15 | -3.10 | 13.90   | <=38.45 | Pass    |         |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |       |        |       |       |       |         |         |         |         |

#### 1.1.4 B5\_10MHz\_ERP

| Band: 5 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 829             | 1             | 0      | 24.25                 | -3.10      | 19.00     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 24.21                 | -3.10      | 18.96     | <=38.45 | Pass    |
|                                   |                 |               | 49     | 24.21                 | -3.10      | 18.96     | <=38.45 | Pass    |
|                                   |                 | 25            | 0      | 23.20                 | -3.10      | 17.95     | <=38.45 | Pass    |
|                                   |                 |               | 13     | 23.26                 | -3.10      | 18.01     | <=38.45 | Pass    |
|                                   |                 |               | 25     | 23.22                 | -3.10      | 17.97     | <=38.45 | Pass    |

|        |       |       |       |       |         |         |         |         |
|--------|-------|-------|-------|-------|---------|---------|---------|---------|
|        |       | 50    | 0     | 23.21 | -3.10   | 17.96   | <=38.45 | Pass    |
|        | 836.5 | 1     | 0     | 24.28 | -3.10   | 19.03   | <=38.45 | Pass    |
|        |       |       | 25    | 24.23 | -3.10   | 18.98   | <=38.45 | Pass    |
|        |       |       | 49    | 24.25 | -3.10   | 19.00   | <=38.45 | Pass    |
|        |       |       | 0     | 23.26 | -3.10   | 18.01   | <=38.45 | Pass    |
|        |       | 25    | 13    | 23.25 | -3.10   | 18.00   | <=38.45 | Pass    |
|        |       |       | 25    | 23.27 | -3.10   | 18.02   | <=38.45 | Pass    |
|        |       |       | 50    | 0     | 23.25   | -3.10   | 18.00   | <=38.45 |
|        | 844   | 1     | 0     | 24.30 | -3.10   | 19.05   | <=38.45 | Pass    |
|        |       |       | 25    | 24.16 | -3.10   | 18.91   | <=38.45 | Pass    |
|        |       |       | 49    | 24.26 | -3.10   | 19.01   | <=38.45 | Pass    |
|        |       | 25    | 0     | 23.27 | -3.10   | 18.02   | <=38.45 | Pass    |
|        |       |       | 13    | 23.21 | -3.10   | 17.96   | <=38.45 | Pass    |
|        |       |       | 25    | 23.19 | -3.10   | 17.94   | <=38.45 | Pass    |
|        |       | 50    | 0     | 23.21 | -3.10   | 17.96   | <=38.45 | Pass    |
| 16QAM  | 829   | 1     | 0     | 23.41 | -3.10   | 18.16   | <=38.45 | Pass    |
|        |       |       | 25    | 23.41 | -3.10   | 18.16   | <=38.45 | Pass    |
|        |       |       | 49    | 23.49 | -3.10   | 18.24   | <=38.45 | Pass    |
|        |       | 25    | 0     | 22.20 | -3.10   | 16.95   | <=38.45 | Pass    |
|        |       |       | 13    | 22.24 | -3.10   | 16.99   | <=38.45 | Pass    |
|        |       |       | 25    | 22.22 | -3.10   | 16.97   | <=38.45 | Pass    |
|        |       | 50    | 0     | 22.20 | -3.10   | 16.95   | <=38.45 | Pass    |
|        | 836.5 | 1     | 0     | 23.43 | -3.10   | 18.18   | <=38.45 | Pass    |
|        |       |       | 25    | 23.56 | -3.10   | 18.31   | <=38.45 | Pass    |
|        |       |       | 49    | 23.58 | -3.10   | 18.33   | <=38.45 | Pass    |
|        |       | 25    | 0     | 22.26 | -3.10   | 17.01   | <=38.45 | Pass    |
|        |       |       | 13    | 22.25 | -3.10   | 17.00   | <=38.45 | Pass    |
|        |       |       | 25    | 22.25 | -3.10   | 17.00   | <=38.45 | Pass    |
|        |       | 50    | 0     | 22.25 | -3.10   | 17.00   | <=38.45 | Pass    |
|        | 844   | 1     | 0     | 23.57 | -3.10   | 18.32   | <=38.45 | Pass    |
|        |       |       | 25    | 23.45 | -3.10   | 18.20   | <=38.45 | Pass    |
|        |       |       | 49    | 23.43 | -3.10   | 18.18   | <=38.45 | Pass    |
|        |       | 25    | 0     | 22.24 | -3.10   | 16.99   | <=38.45 | Pass    |
|        |       |       | 13    | 22.17 | -3.10   | 16.92   | <=38.45 | Pass    |
|        |       |       | 25    | 22.19 | -3.10   | 16.94   | <=38.45 | Pass    |
|        |       | 50    | 0     | 22.19 | -3.10   | 16.94   | <=38.45 | Pass    |
| 64QAM  | 829   | 1     | 0     | 22.37 | -3.10   | 17.12   | <=38.45 | Pass    |
|        |       |       | 25    | 22.34 | -3.10   | 17.09   | <=38.45 | Pass    |
|        |       |       | 49    | 22.42 | -3.10   | 17.17   | <=38.45 | Pass    |
|        |       | 25    | 0     | 21.20 | -3.10   | 15.95   | <=38.45 | Pass    |
|        |       |       | 13    | 21.21 | -3.10   | 15.96   | <=38.45 | Pass    |
|        |       |       | 25    | 21.19 | -3.10   | 15.94   | <=38.45 | Pass    |
|        |       | 50    | 0     | 21.17 | -3.10   | 15.92   | <=38.45 | Pass    |
|        | 836.5 | 1     | 0     | 22.38 | -3.10   | 17.13   | <=38.45 | Pass    |
|        |       |       | 25    | 22.36 | -3.10   | 17.11   | <=38.45 | Pass    |
|        |       |       | 49    | 22.53 | -3.10   | 17.28   | <=38.45 | Pass    |
|        |       | 25    | 0     | 21.23 | -3.10   | 15.98   | <=38.45 | Pass    |
|        |       |       | 13    | 21.21 | -3.10   | 15.96   | <=38.45 | Pass    |
|        |       |       | 25    | 21.24 | -3.10   | 15.99   | <=38.45 | Pass    |
|        | 50    | 0     | 21.22 | -3.10 | 15.97   | <=38.45 | Pass    |         |
|        | 844   | 1     | 0     | 22.46 | -3.10   | 17.21   | <=38.45 | Pass    |
|        |       |       | 25    | 22.33 | -3.10   | 17.08   | <=38.45 | Pass    |
|        |       |       | 49    | 22.43 | -3.10   | 17.18   | <=38.45 | Pass    |
| 25     |       | 0     | 21.24 | -3.10 | 15.99   | <=38.45 | Pass    |         |
|        |       | 13    | 21.18 | -3.10 | 15.93   | <=38.45 | Pass    |         |
|        |       | 25    | 21.14 | -3.10 | 15.89   | <=38.45 | Pass    |         |
| 50     | 0     | 21.20 | -3.10 | 15.95 | <=38.45 | Pass    |         |         |
| 256QAM | 829   | 1     | 0     | 19.28 | -3.10   | 14.03   | <=38.45 | Pass    |
|        |       |       | 25    | 19.30 | -3.10   | 14.05   | <=38.45 | Pass    |

|  |                                              |    |    |       |       |       |         |         |
|--|----------------------------------------------|----|----|-------|-------|-------|---------|---------|
|  |                                              |    | 49 | 19.30 | -3.10 | 14.05 | <=38.45 | Pass    |
|  |                                              | 25 | 0  | 19.14 | -3.10 | 13.89 | <=38.45 | Pass    |
|  |                                              |    | 13 | 19.16 | -3.10 | 13.91 | <=38.45 | Pass    |
|  |                                              |    | 25 | 19.19 | -3.10 | 13.94 | <=38.45 | Pass    |
|  |                                              |    | 50 | 0     | 19.16 | -3.10 | 13.91   | <=38.45 |
|  | 836.5                                        | 1  | 0  | 19.43 | -3.10 | 14.18 | <=38.45 | Pass    |
|  |                                              |    | 25 | 19.35 | -3.10 | 14.10 | <=38.45 | Pass    |
|  |                                              |    | 49 | 19.31 | -3.10 | 14.06 | <=38.45 | Pass    |
|  |                                              | 25 | 0  | 19.19 | -3.10 | 13.94 | <=38.45 | Pass    |
|  |                                              |    | 13 | 19.16 | -3.10 | 13.91 | <=38.45 | Pass    |
|  |                                              |    | 25 | 19.24 | -3.10 | 13.99 | <=38.45 | Pass    |
|  |                                              | 50 | 0  | 19.20 | -3.10 | 13.95 | <=38.45 | Pass    |
|  | 844                                          | 1  | 0  | 19.43 | -3.10 | 14.18 | <=38.45 | Pass    |
|  |                                              |    | 25 | 16.32 | -3.10 | 11.07 | <=38.45 | Pass    |
|  |                                              |    | 49 | 19.30 | -3.10 | 14.05 | <=38.45 | Pass    |
|  |                                              | 25 | 0  | 19.20 | -3.10 | 13.95 | <=38.45 | Pass    |
|  |                                              |    | 13 | 19.15 | -3.10 | 13.90 | <=38.45 | Pass    |
|  |                                              |    | 25 | 19.12 | -3.10 | 13.87 | <=38.45 | Pass    |
|  |                                              | 50 | 0  | 19.16 | -3.10 | 13.91 | <=38.45 | Pass    |
|  | Note1: ERP=Conducted Power+Antenna Gain-2.15 |    |    |       |       |       |         |         |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 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                       | 836.5           | 50            | 0      | 20         | 3.27          | -2.200           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.500           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -6.800           | -0.0081               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 1.400            | 0.0017                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.800            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 2.100            | 0.0025                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.200           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -3.700           | -0.0044               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -7.200           | -0.0086               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -0.400           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -0.400           | -0.0005               | -2.5 to 2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 Band5\_OBW

| Band: 5 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 836.5           | 6             | 0      | 1.113                        | /     | Pass    |
|                 | 16QAM      | 836.5           | 6             | 0      | 1.114                        | /     | Pass    |
| 3               | QPSK       | 836.5           | 15            | 0      | 2.730                        | /     | Pass    |

|    |       |       |    |   |       |   |      |
|----|-------|-------|----|---|-------|---|------|
|    | 16QAM | 836.5 | 15 | 0 | 2.727 | / | Pass |
| 5  | QPSK  | 836.5 | 25 | 0 | 4.526 | / | Pass |
|    | 16QAM | 836.5 | 25 | 0 | 4.535 | / | Pass |
| 10 | QPSK  | 836.5 | 50 | 0 | 9.157 | / | Pass |
|    | 16QAM | 836.5 | 50 | 0 | 9.015 | / | Pass |

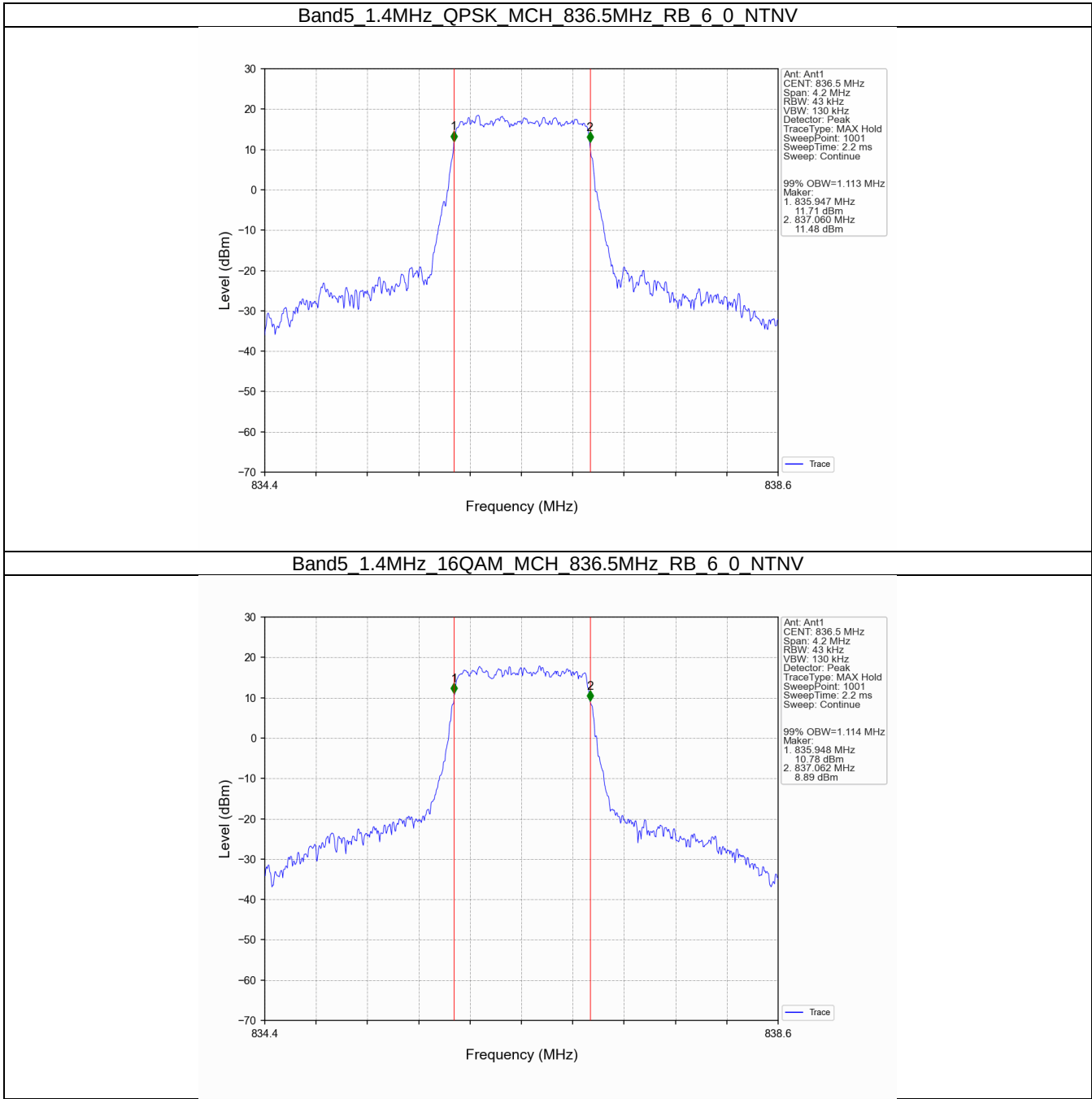
### 3.1.2 Band5\_XDB

| Band: 5 / NTNv  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 836.5           | 6             | 0      | 1.325                | /     | Pass    |
|                 | 16QAM      | 836.5           | 6             | 0      | 1.315                | /     | Pass    |
| 3               | QPSK       | 836.5           | 15            | 0      | 3.014                | /     | Pass    |
|                 | 16QAM      | 836.5           | 15            | 0      | 3.031                | /     | Pass    |
| 5               | QPSK       | 836.5           | 25            | 0      | 5.015                | /     | Pass    |
|                 | 16QAM      | 836.5           | 25            | 0      | 5.055                | /     | Pass    |
| 10              | QPSK       | 836.5           | 50            | 0      | 9.898                | /     | Pass    |
|                 | 16QAM      | 836.5           | 50            | 0      | 9.943                | /     | Pass    |

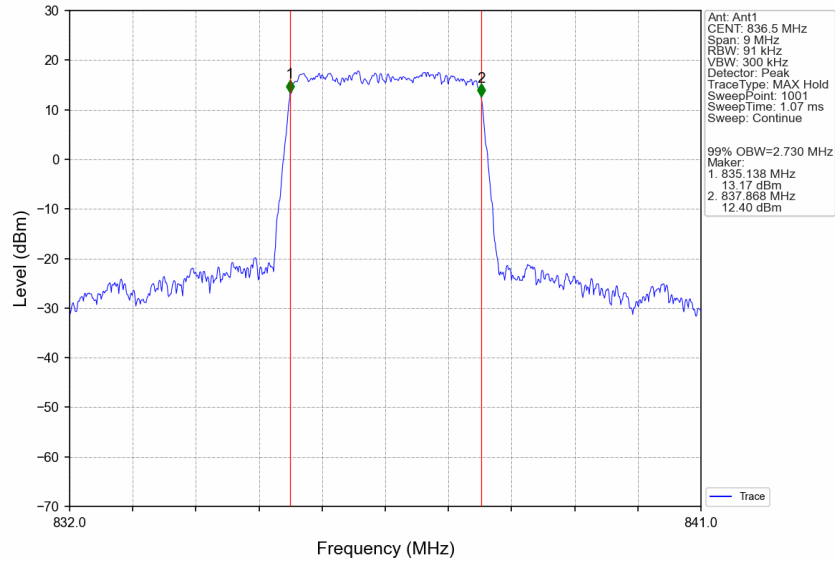


3.2 Test Graph

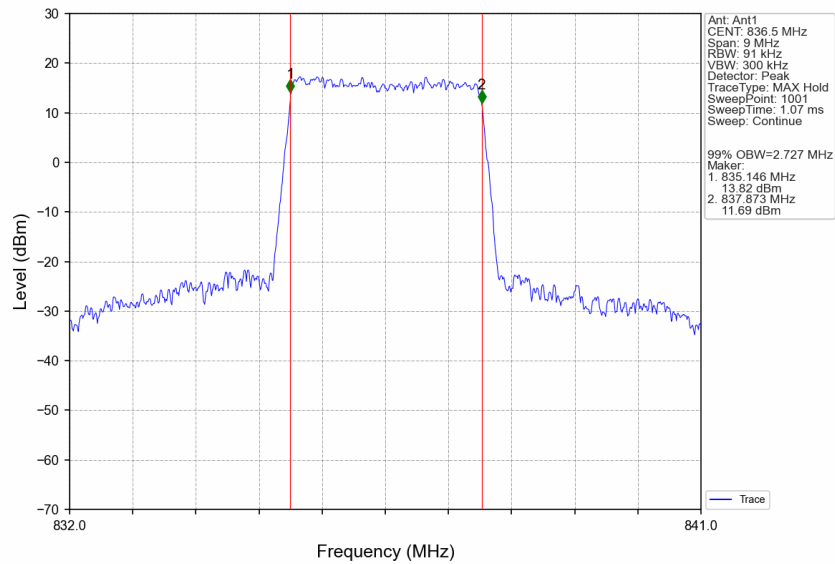
3.2.1 Band5\_OBW



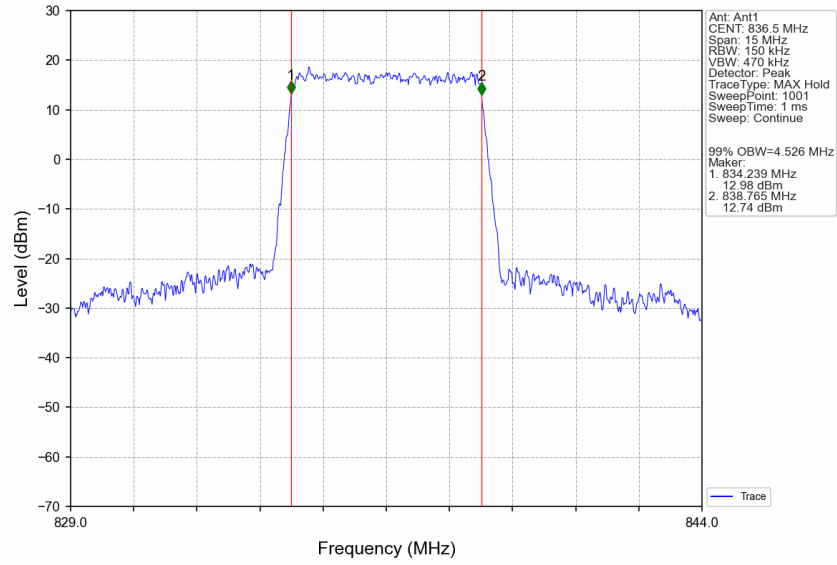
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



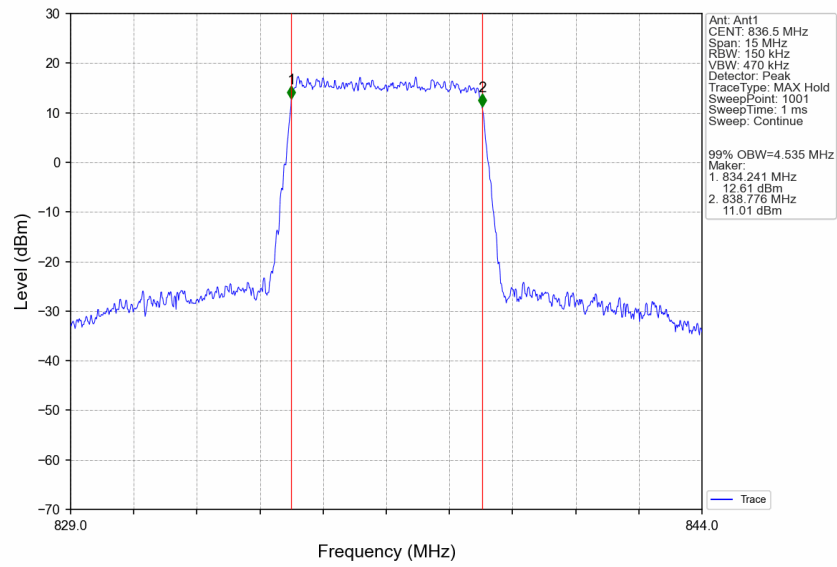
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



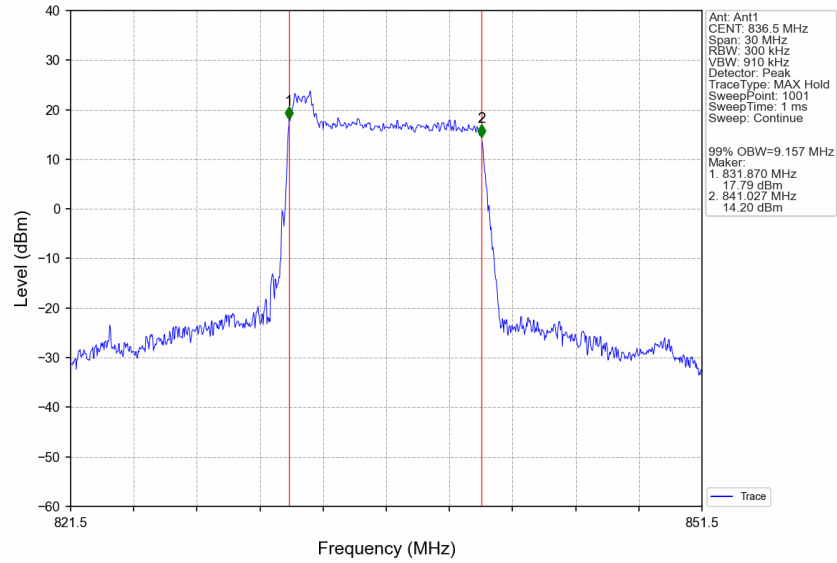
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



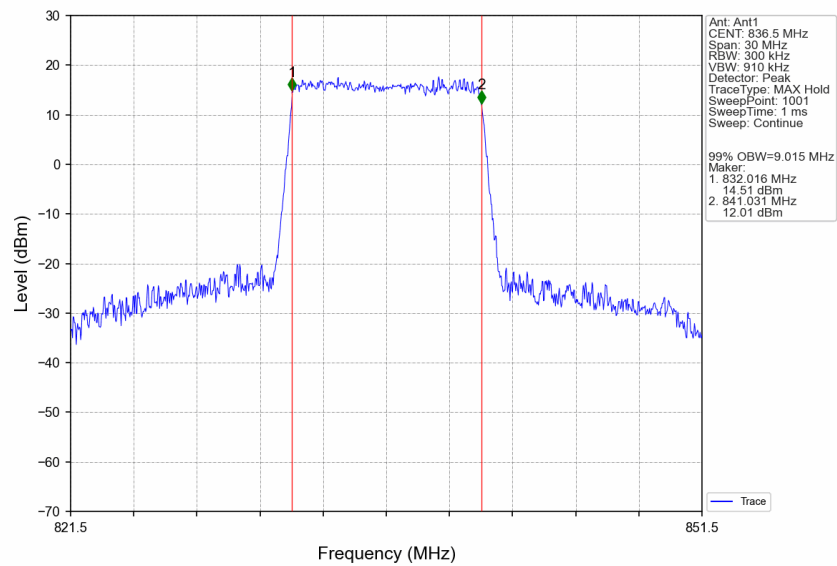
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



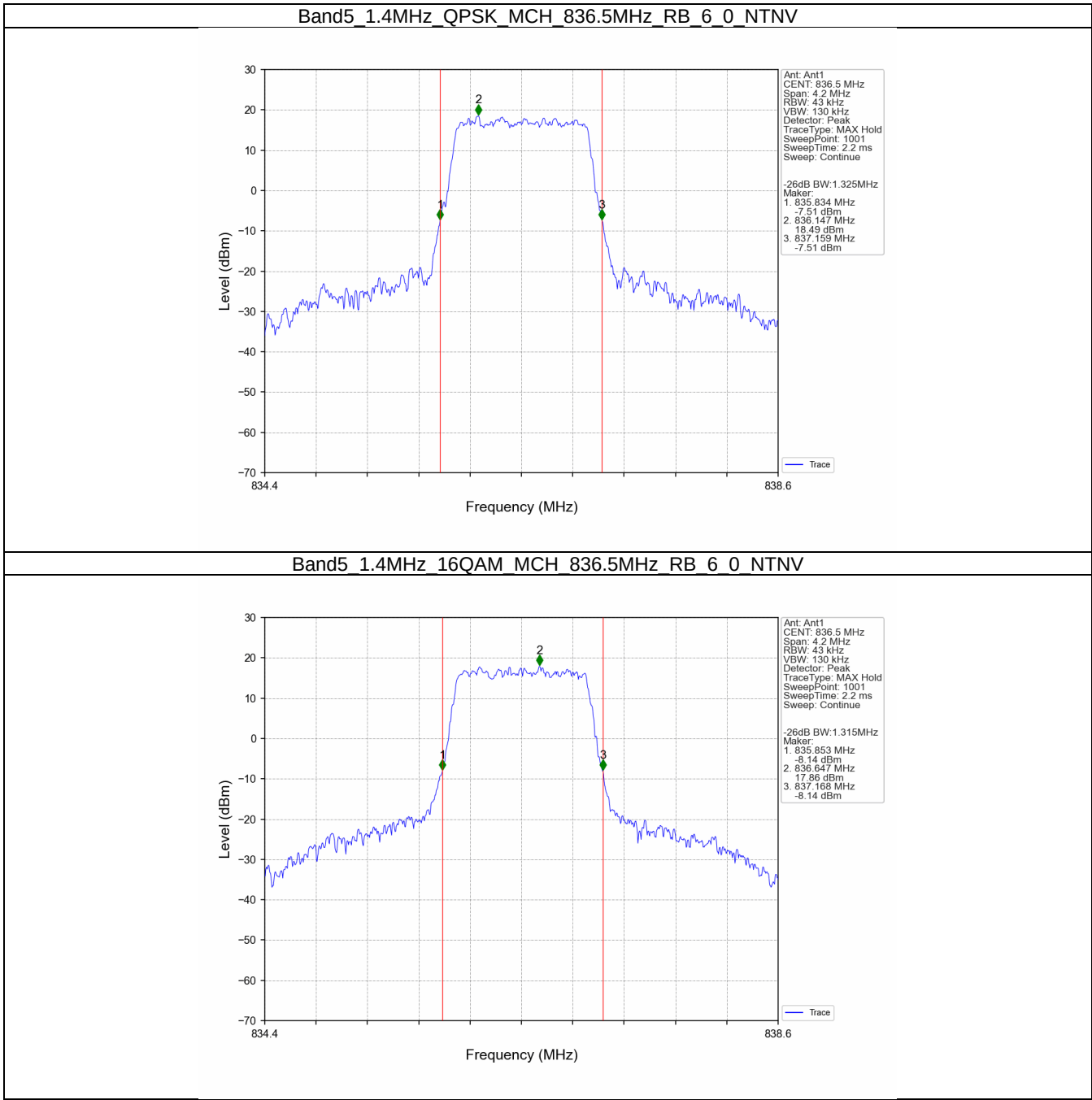
Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



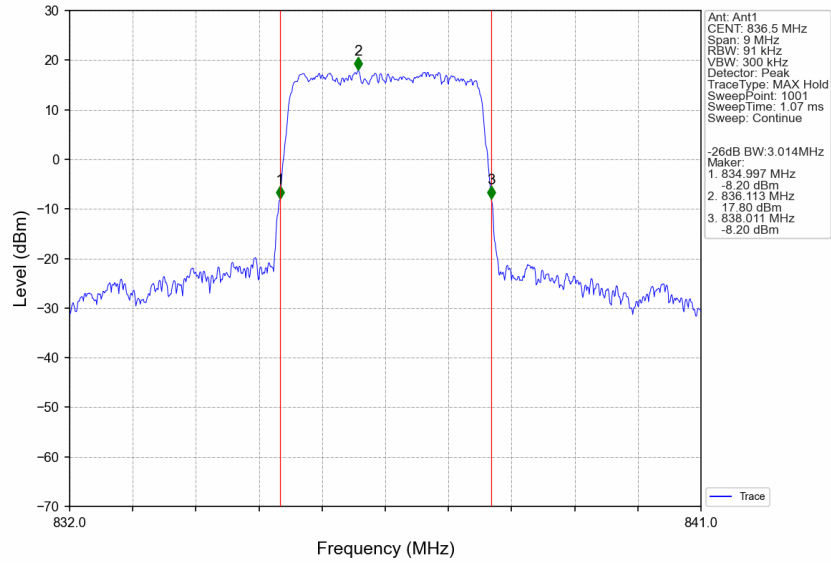
Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



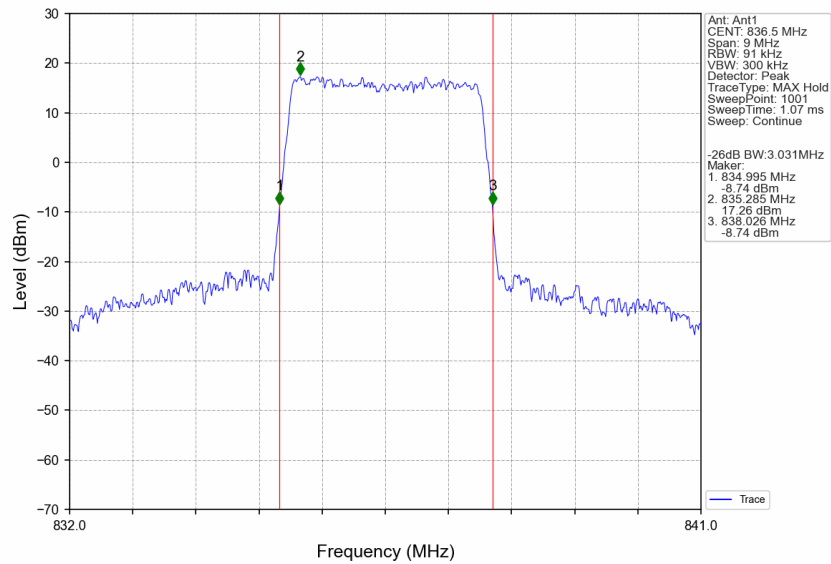
3.2.2 Band5\_XDB



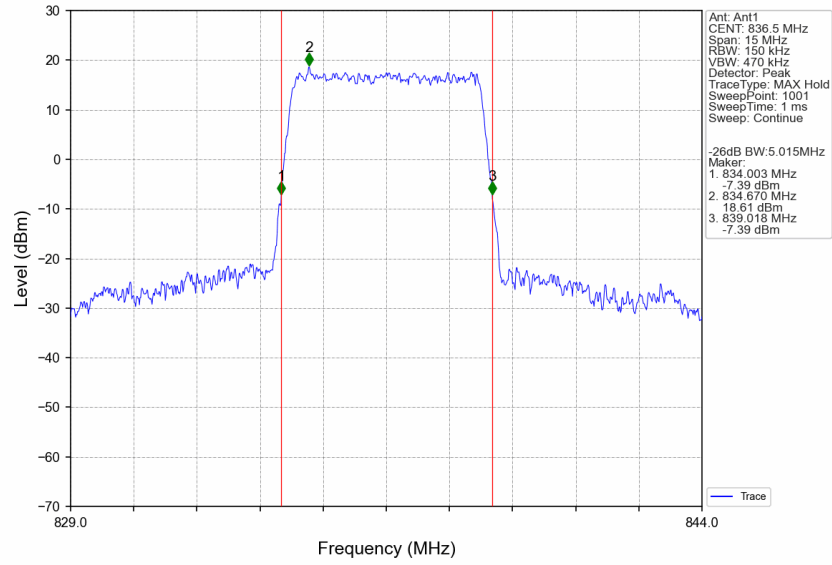
Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



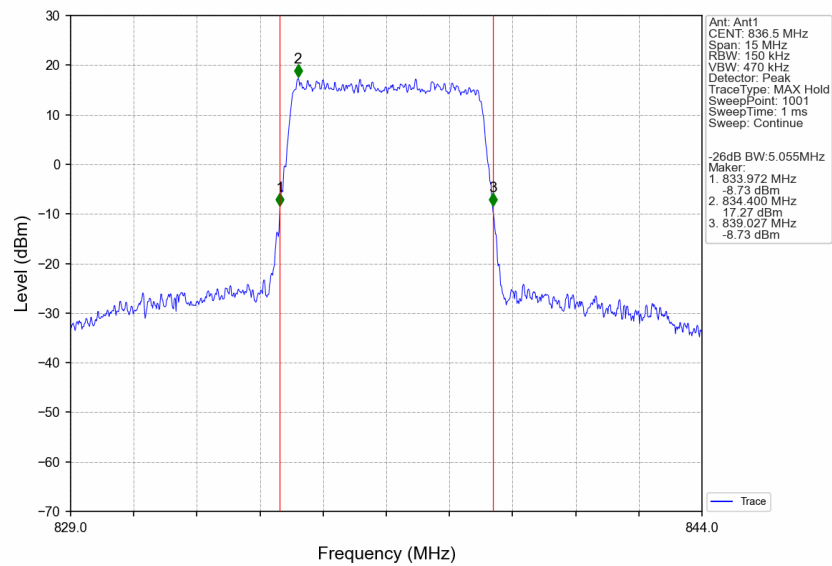
Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



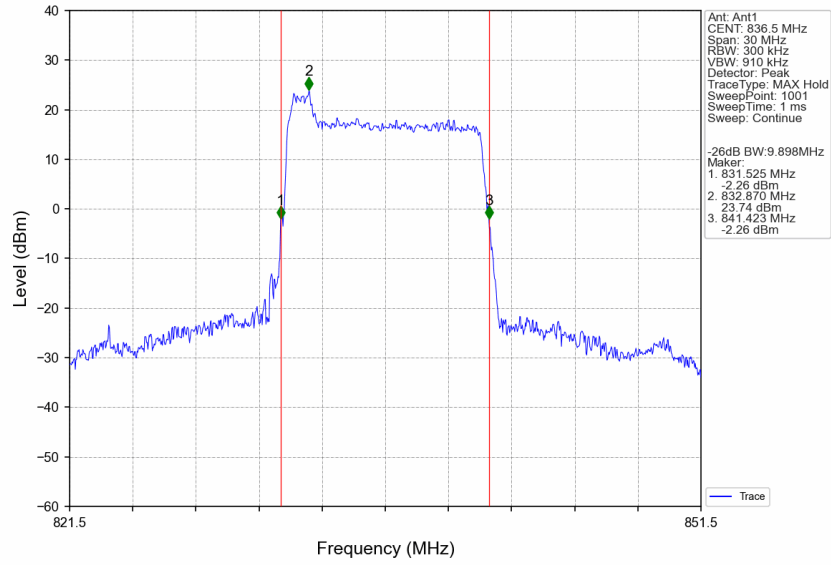
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



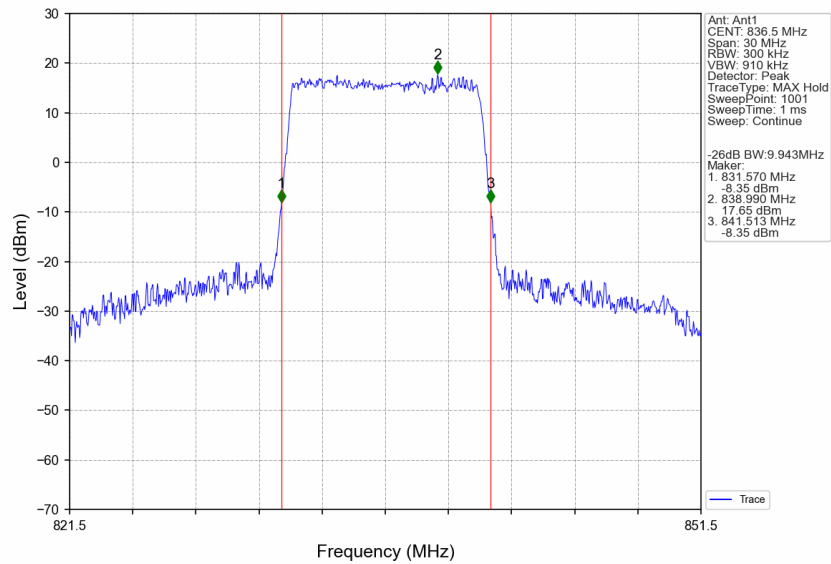
Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



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



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





## 4. Peak-Average Ratio

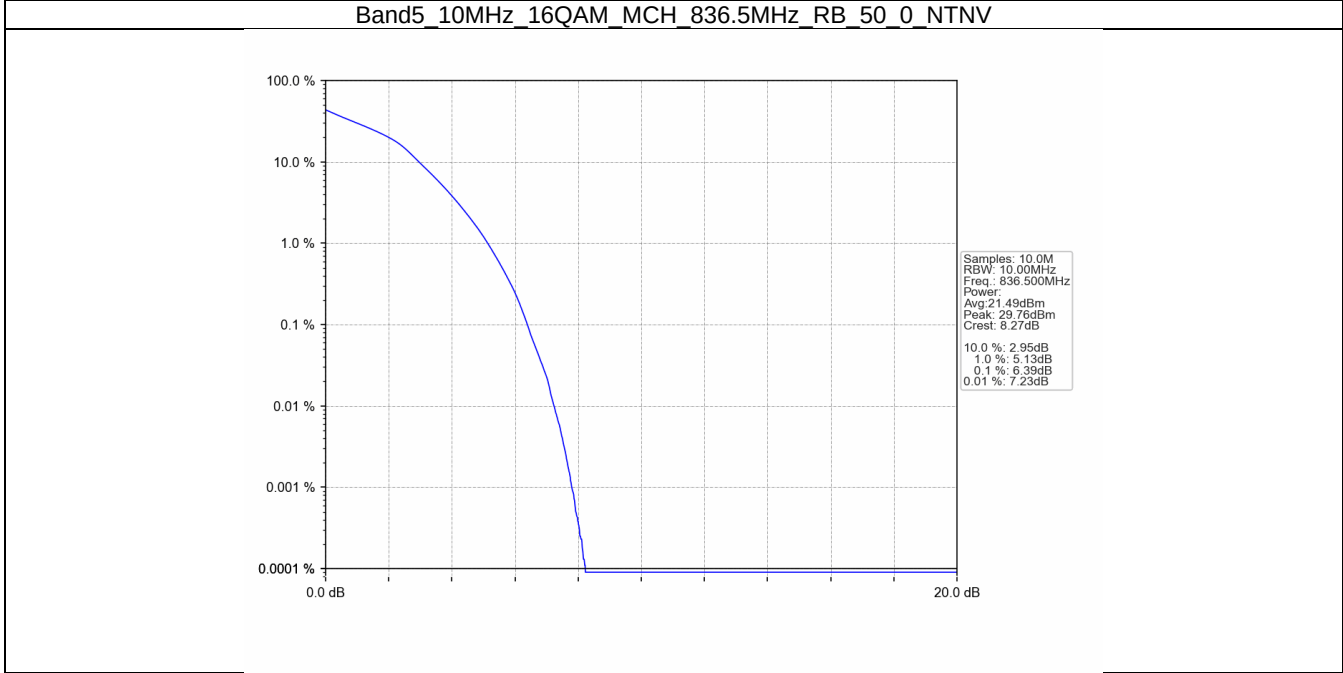
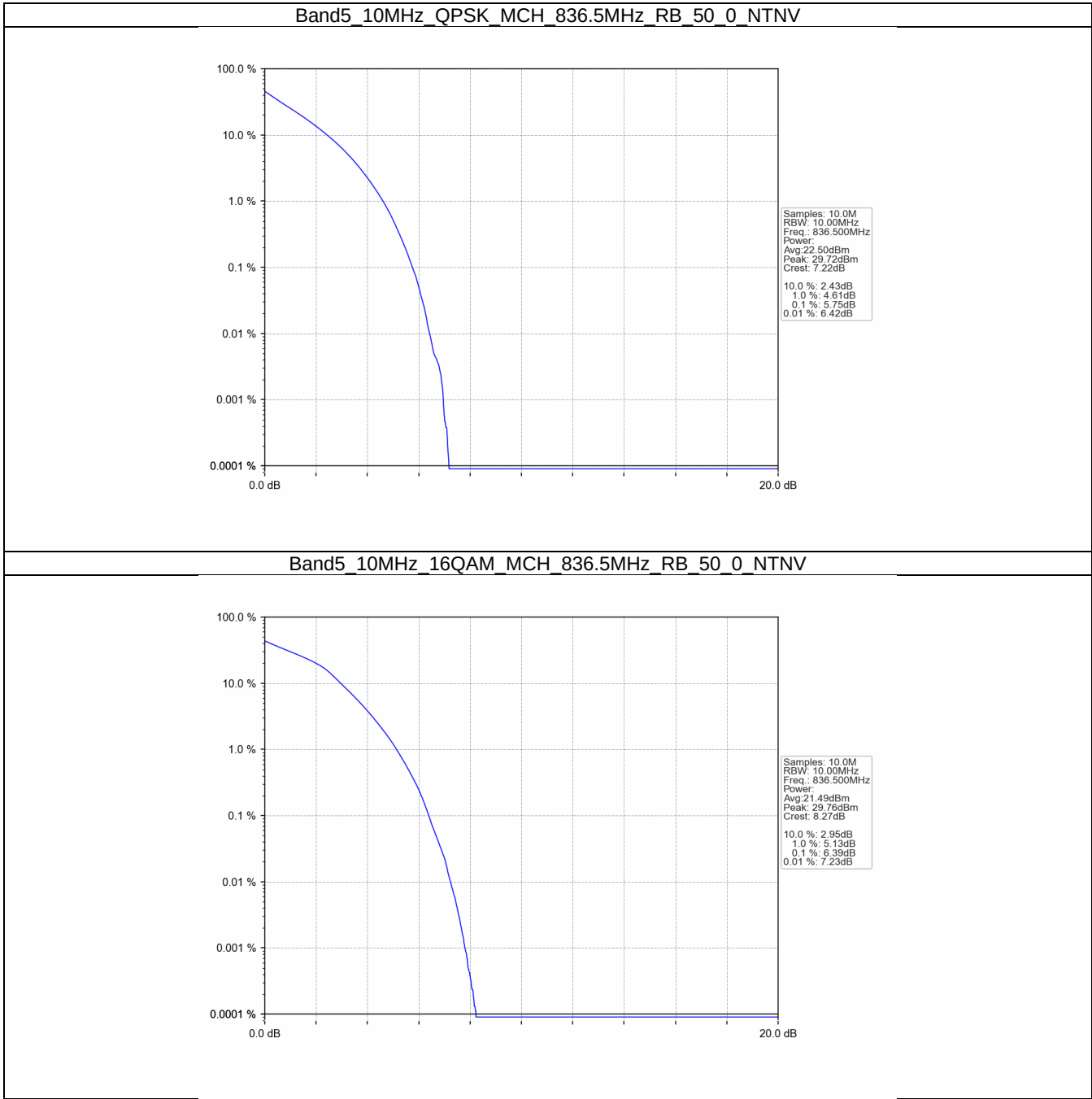
### 4.1 Test Result

#### 4.1.1 B5\_10MHz

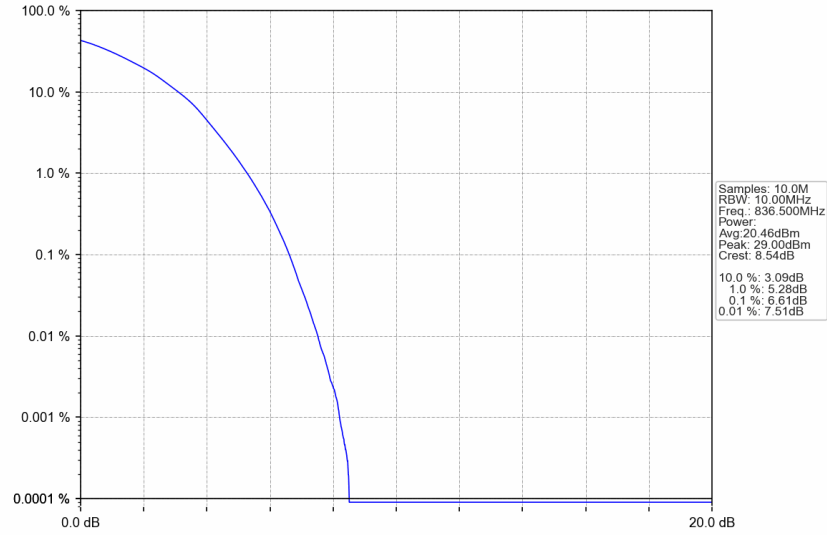
| Band: 5 / Bandwidth: 10MHz / NTNV |                    |               |        |                         |       |         |
|-----------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 836.5              | 50            | 0      | 5.75                    | <=13  | Pass    |
| 16QAM                             | 836.5              | 50            | 0      | 6.39                    | <=13  | Pass    |
| 64QAM                             | 836.5              | 50            | 0      | 6.61                    | <=13  | Pass    |
| 256QAM                            | 836.5              | 50            | 0      | 6.74                    | <=13  | Pass    |

# 4.2 Test Graph

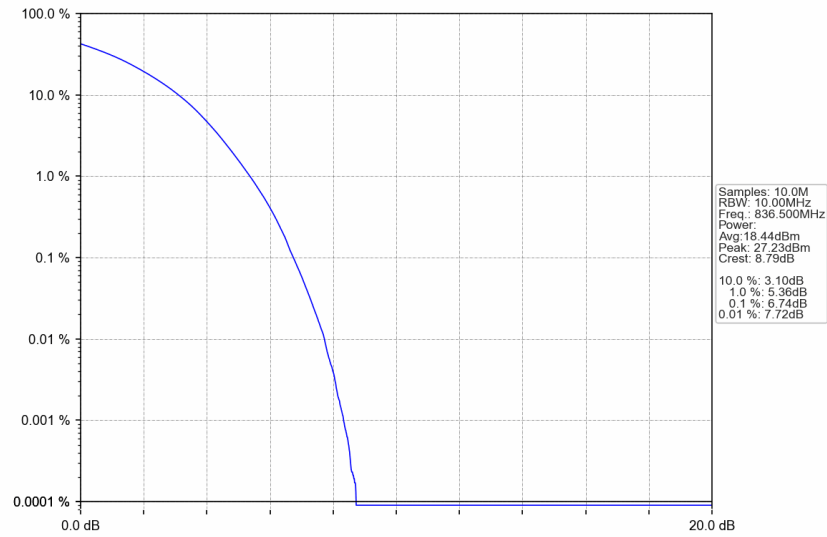
## 4.2.1 B5\_10MHz



Band5\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_256QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B5\_1.4MHz

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

#### 5.1.2 B5\_3MHz

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

#### 5.1.3 B5\_5MHz

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

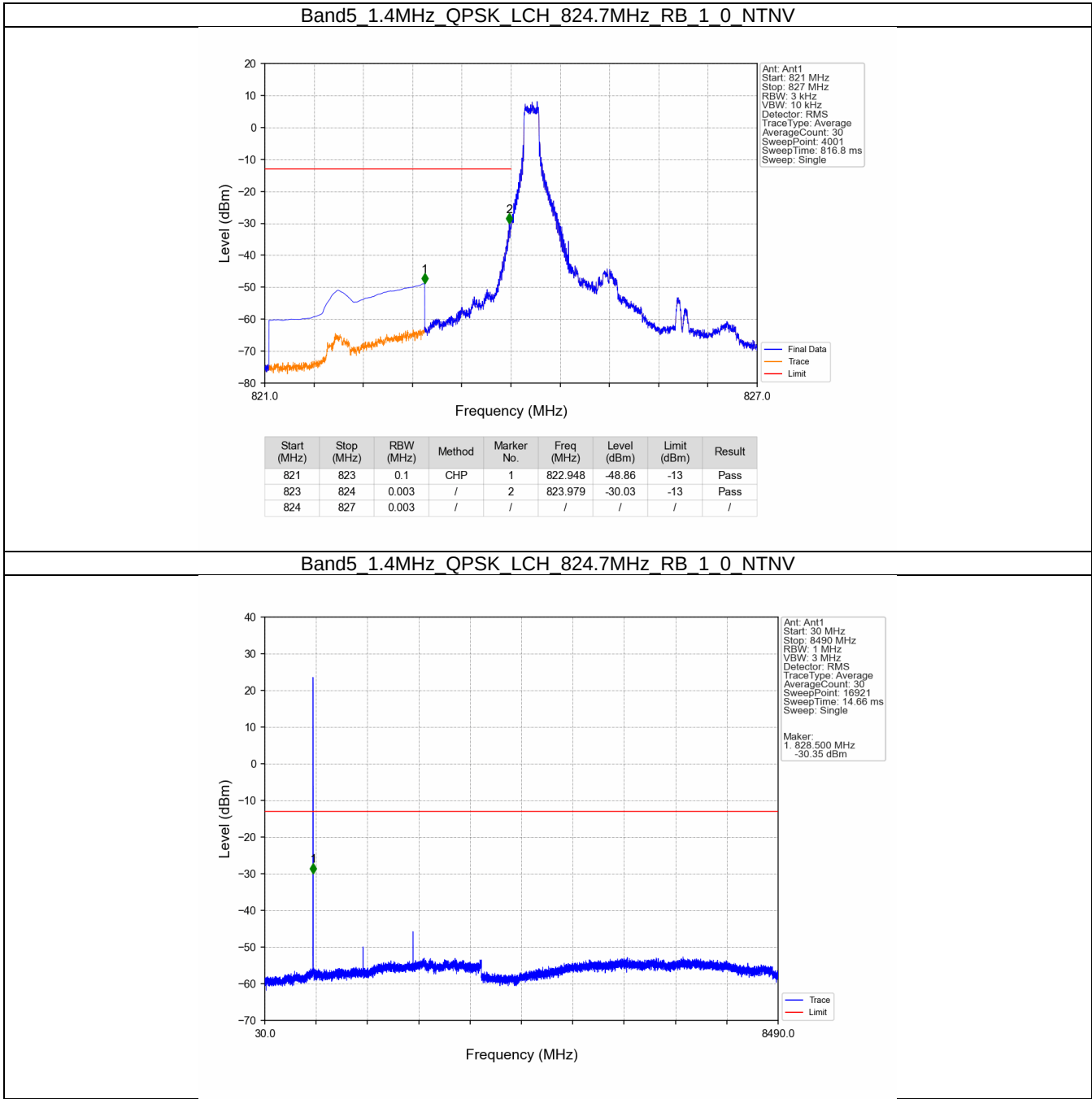
#### 5.1.4 B5\_10MHz

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

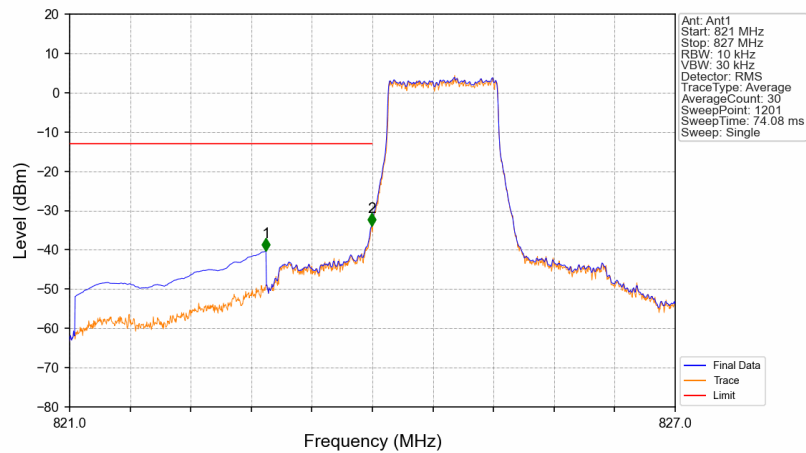
|  |  |    |   |                     |      |
|--|--|----|---|---------------------|------|
|  |  | 50 | 0 | Refer To Test Graph | Pass |
|--|--|----|---|---------------------|------|

5.2 Test Graph

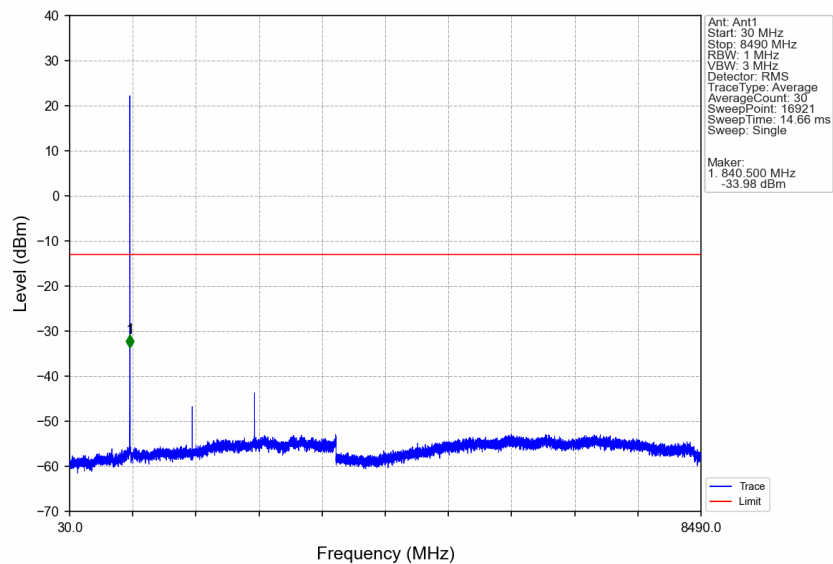
5.2.1 B5\_1.4MHz



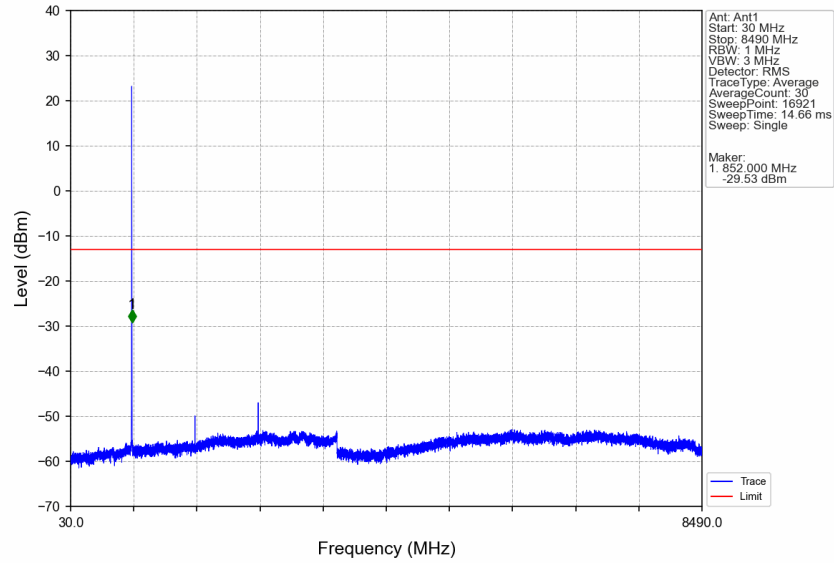
Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



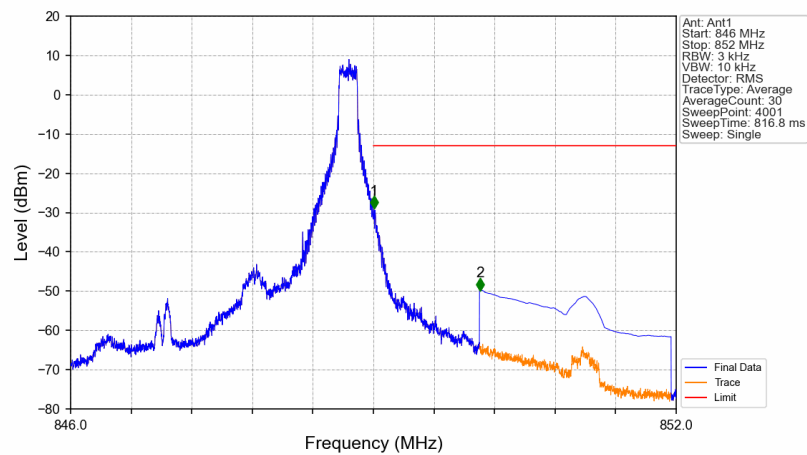
Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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



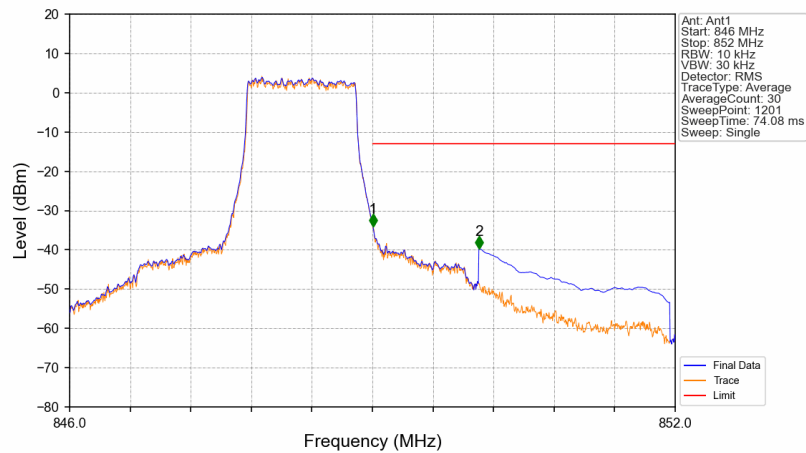
# Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_5\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.005    | -28.97      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.056    | -49.80      | -13         | Pass   |

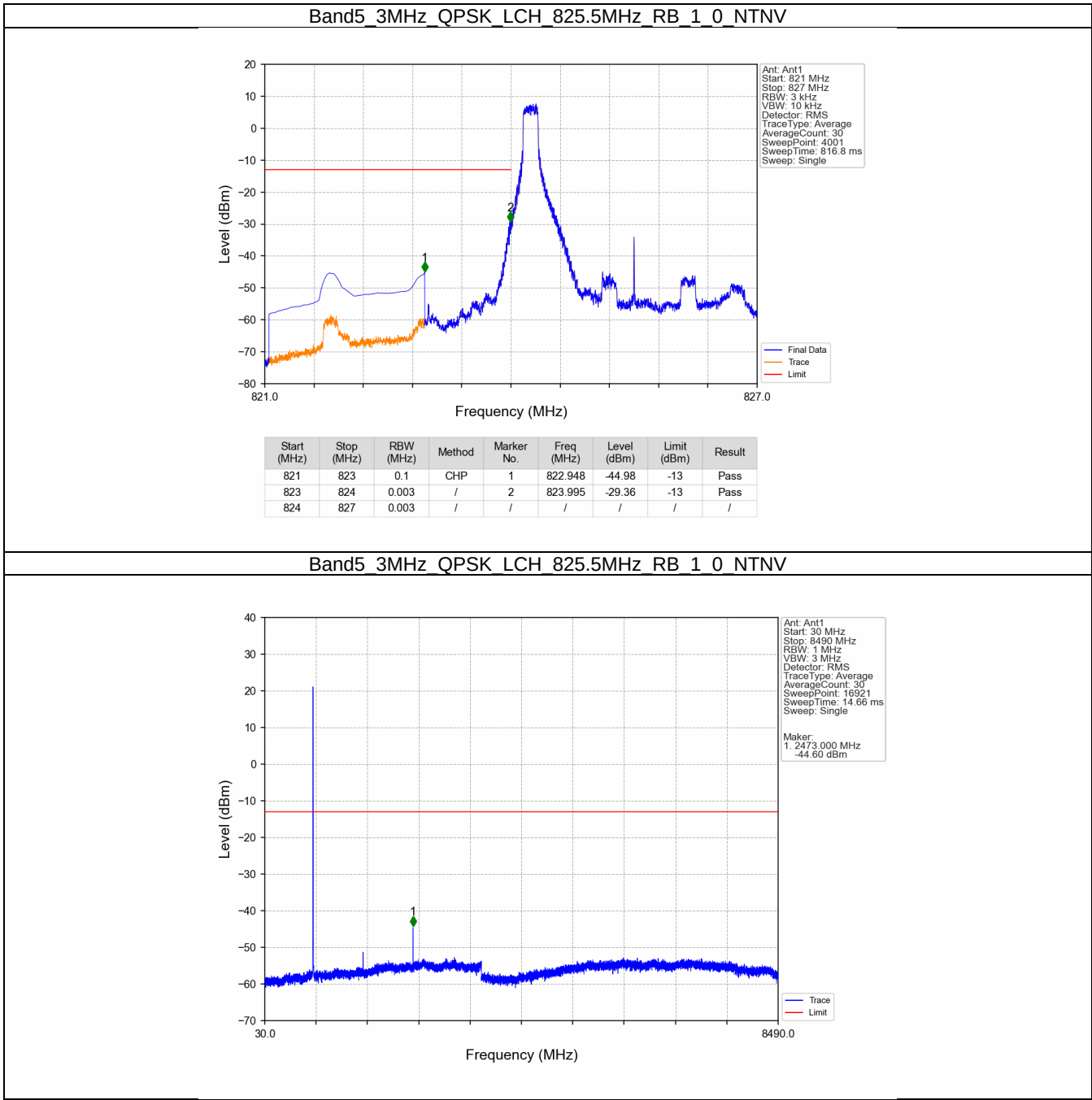


Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

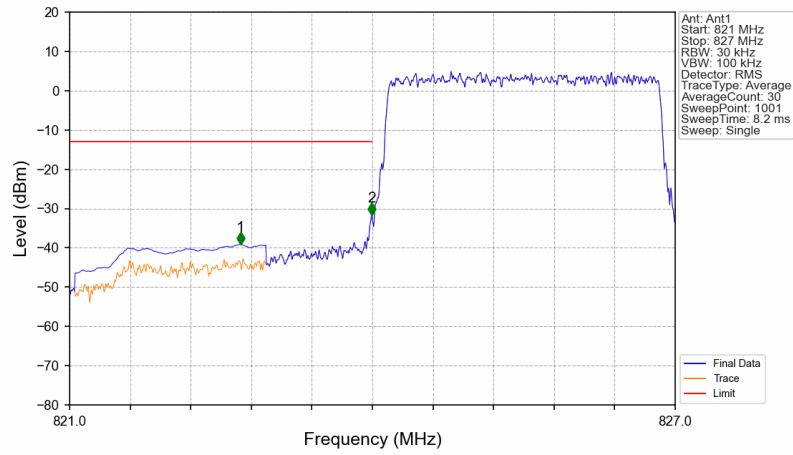


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.013     | CHP    | 1          | 849.005    | -33.97      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.060    | -39.69      | -13         | Pass   |

5.2.2 B5\_3MHz

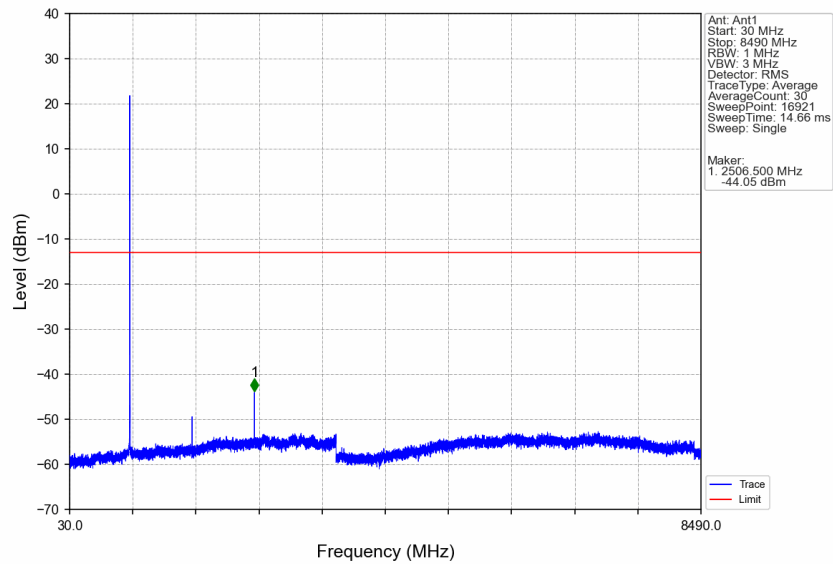


# Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

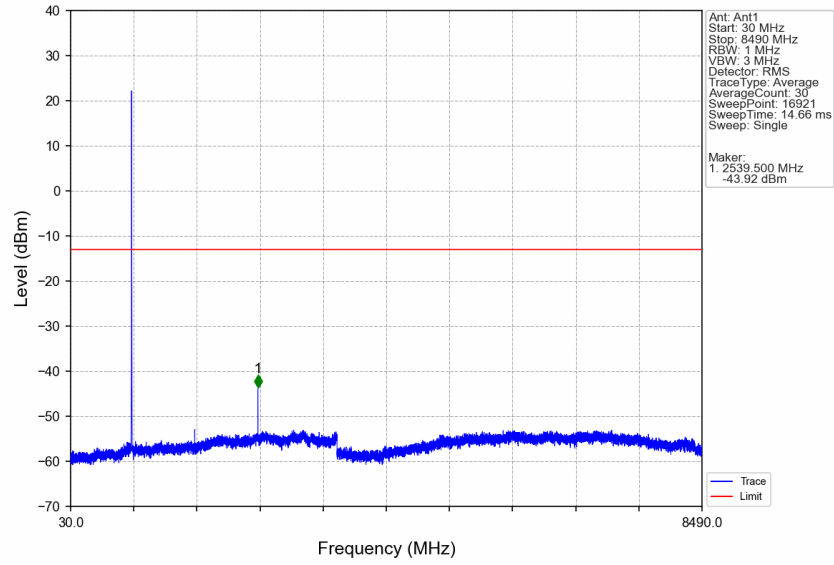


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821         | 823        | 0.1       | CHP    | 1          | 822.692    | -39.11      | -13         | Pass   |
| 823         | 824        | 0.03      | /      | 2          | 823.994    | -31.65      | -13         | Pass   |
| 824         | 827        | 0.03      | /      | /          | /          | /           | /           | /      |

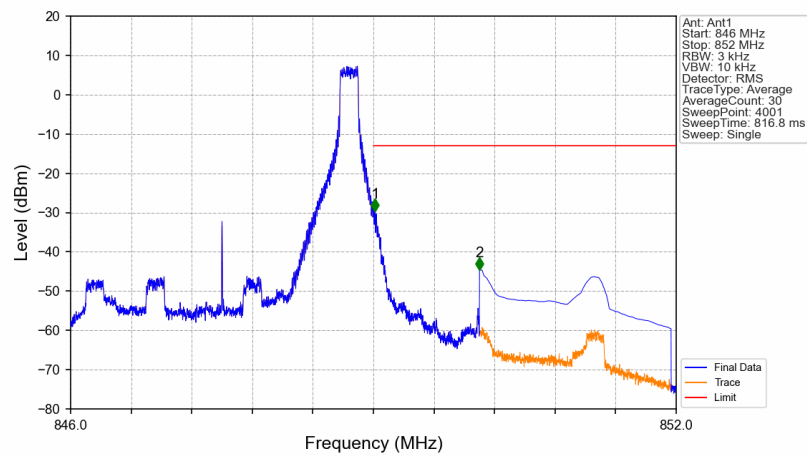
# Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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

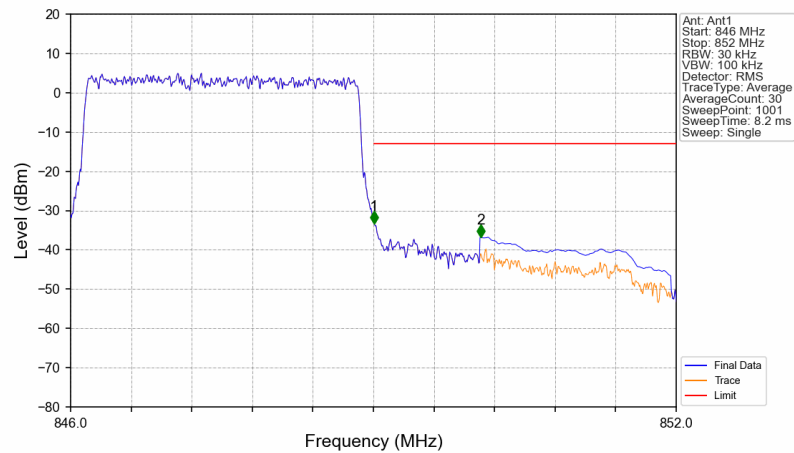


# Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



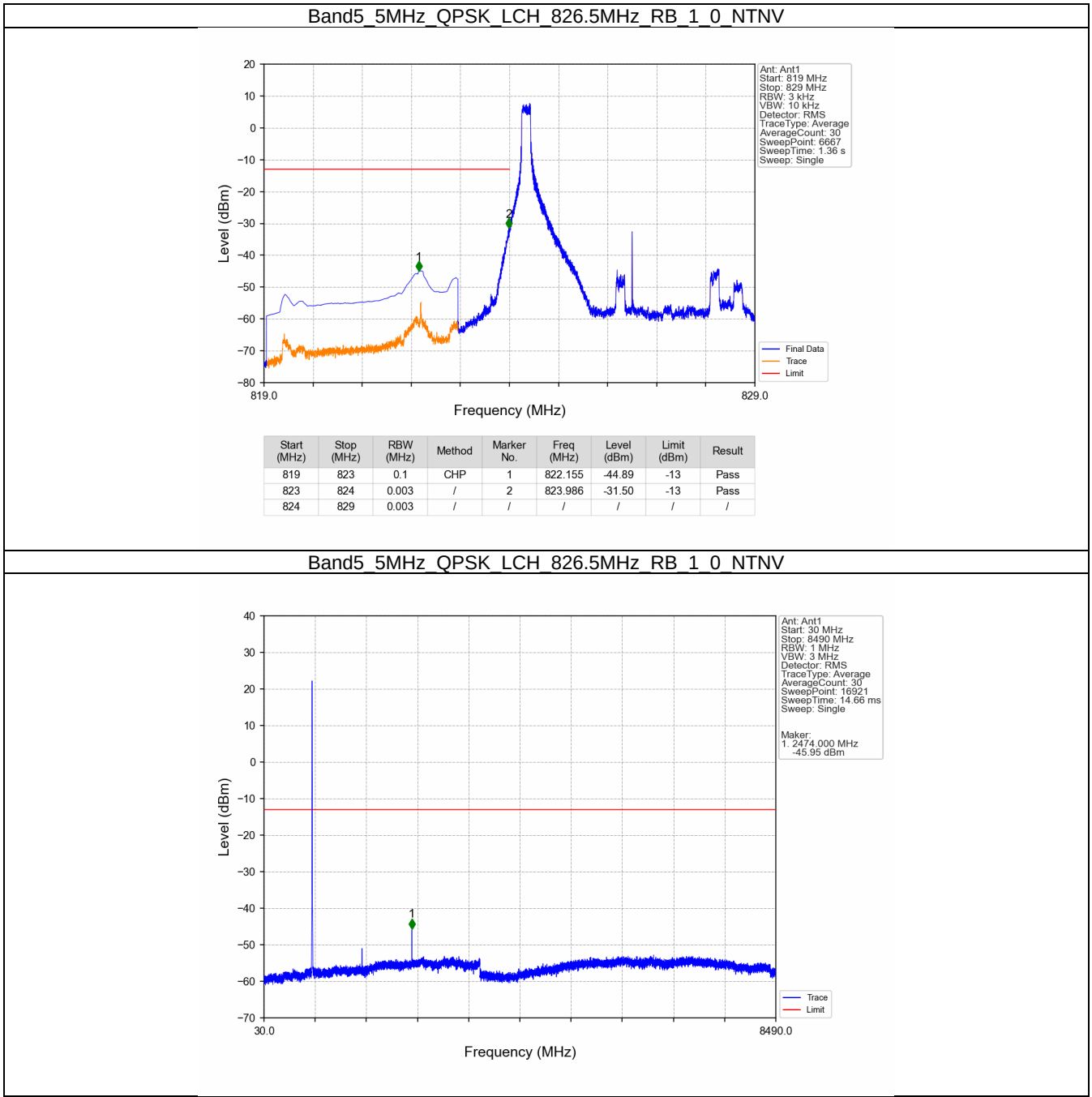
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.015    | -29.75      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.053    | -44.60      | -13         | Pass   |

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

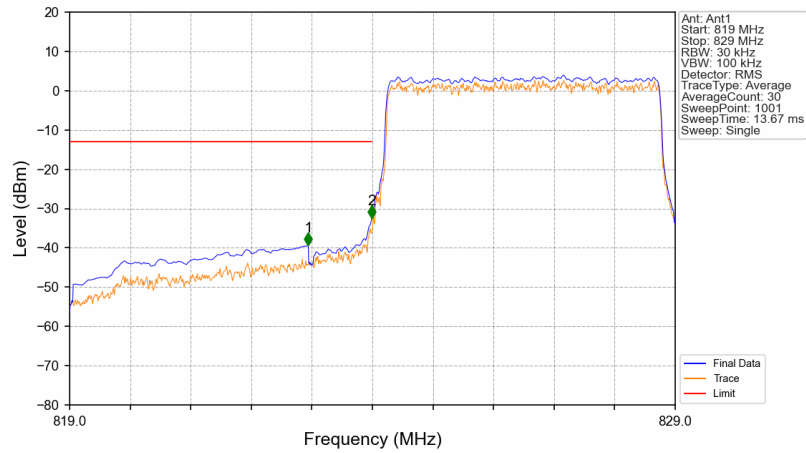


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 846         | 849        | 0.03      | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.03      | /      | 1          | 849.006    | -33.38      | -13         | Pass   |
| 850         | 852        | 0.1       | CHP    | 2          | 850.062    | -36.79      | -13         | Pass   |

5.2.3 B5\_5MHz

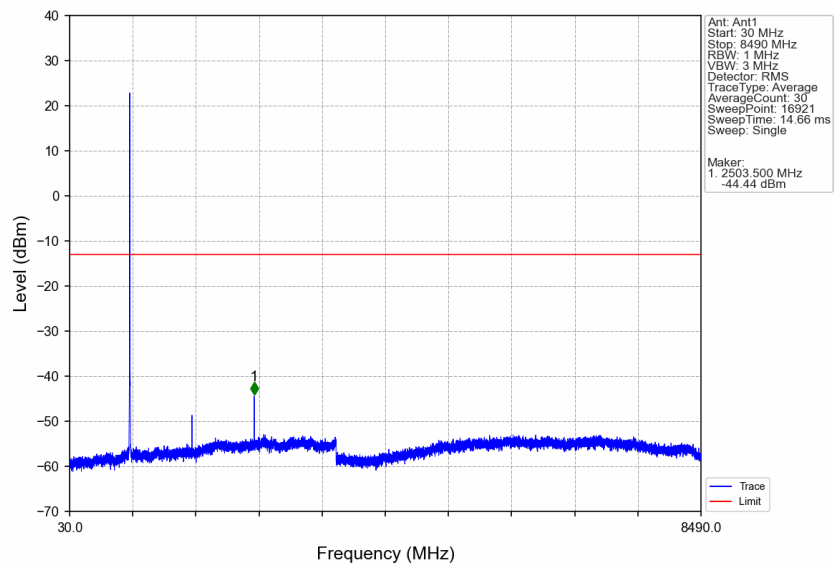


Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

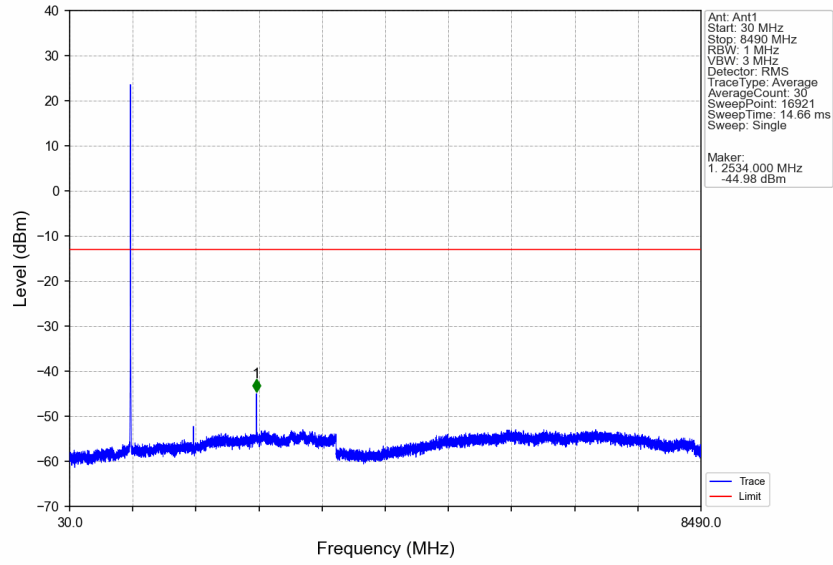


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 819         | 823        | 0.1       | CHP    | 1          | 822.940    | -39.41      | -13         | Pass   |
| 823         | 824        | 0.051     | CHP    | 2          | 823.990    | -32.44      | -13         | Pass   |
| 824         | 829        | 0.051     | CHP    | /          | /          | /           | /           | /      |

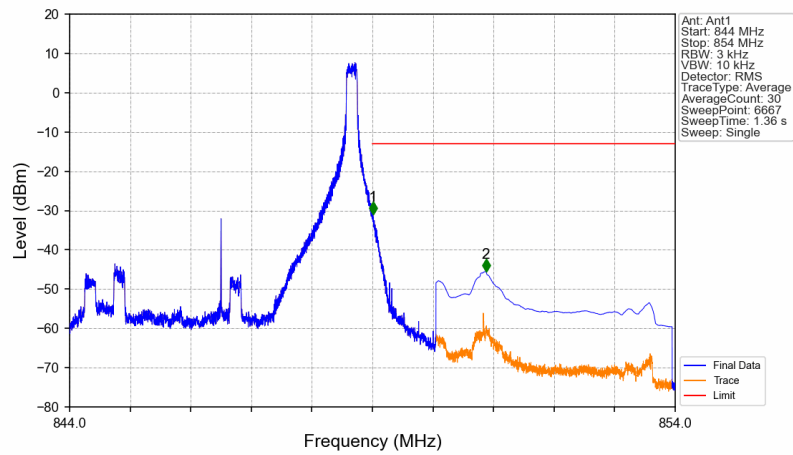
Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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



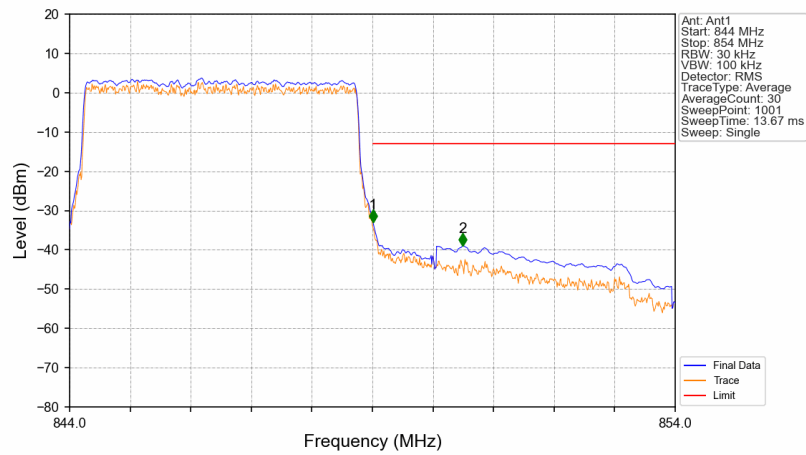
# Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.009    | -30.97      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.875    | -45.51      | -13         | Pass   |

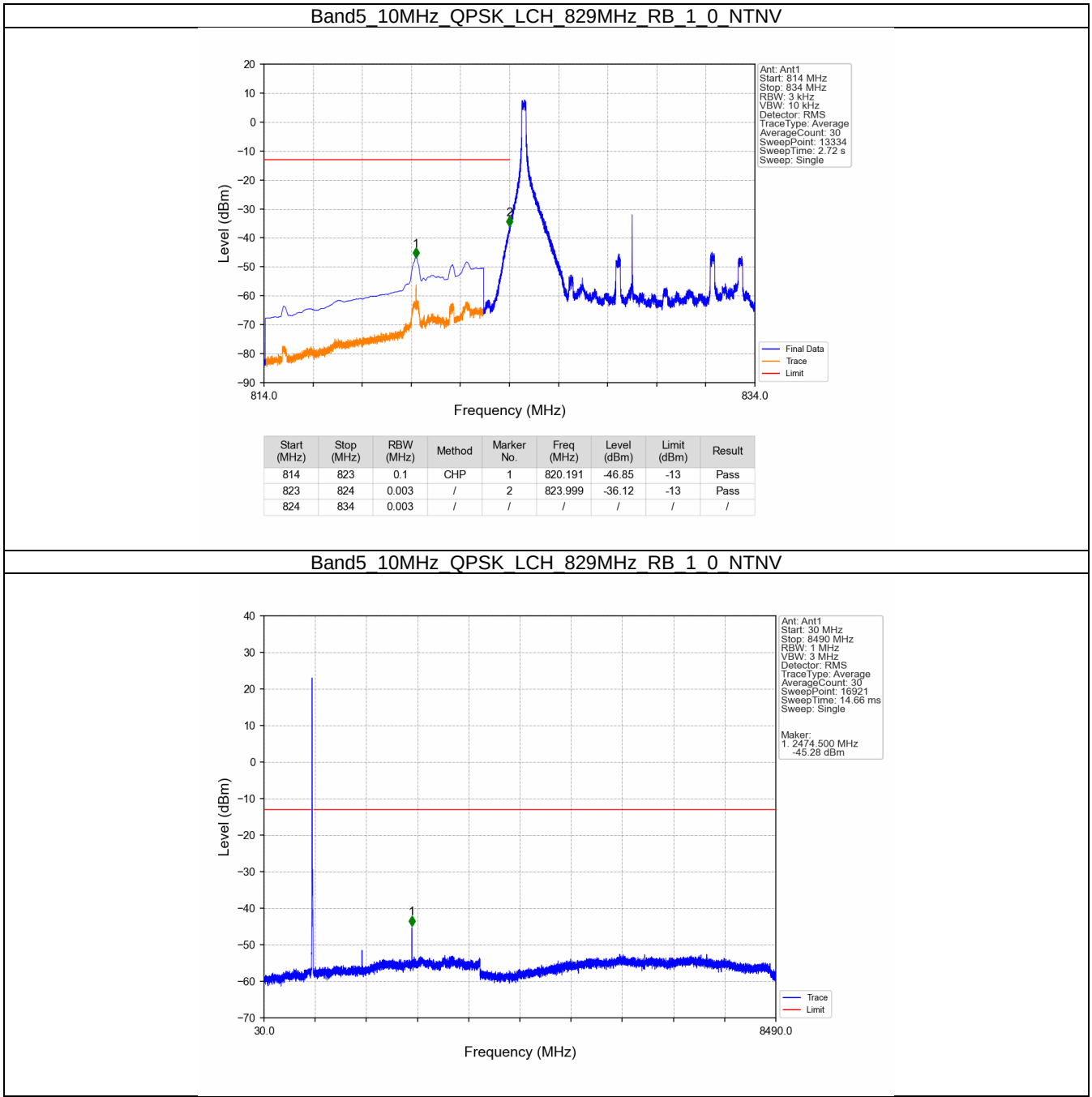


Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

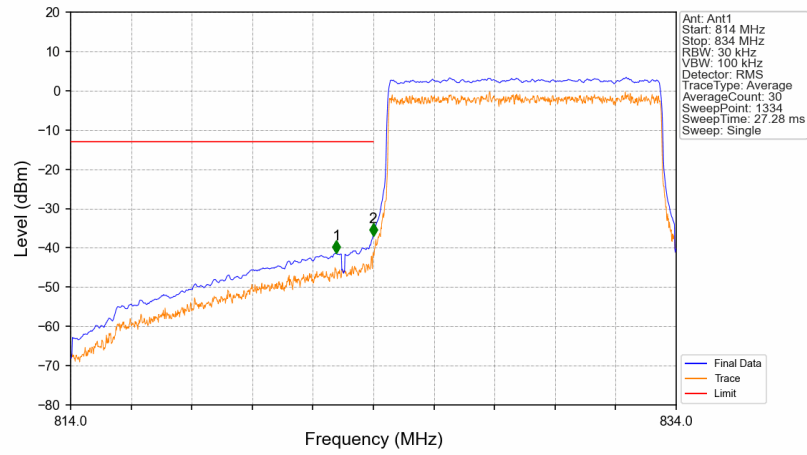


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 844         | 849        | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.05      | CHP    | 1          | 849.010    | -32.93      | -13         | Pass   |
| 850         | 854        | 0.1       | CHP    | 2          | 850.490    | -39.03      | -13         | Pass   |

5.2.4 B5\_10MHz

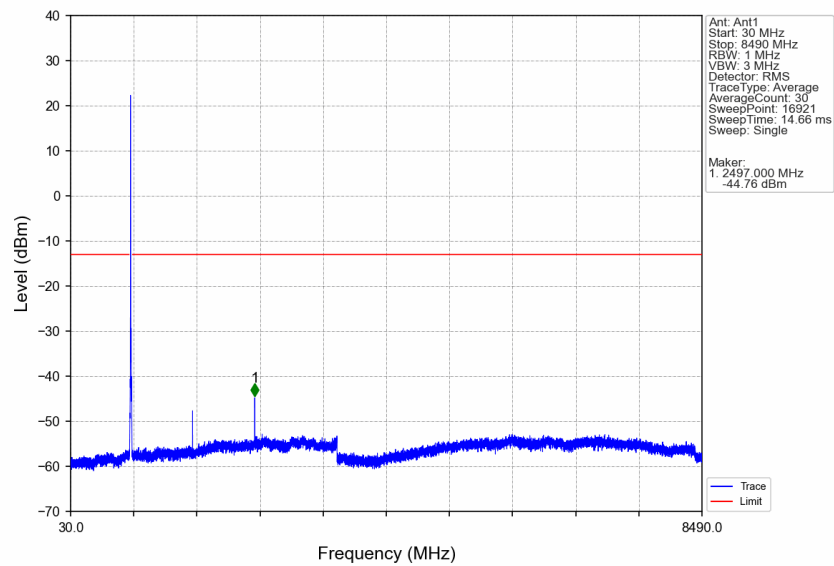


# Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

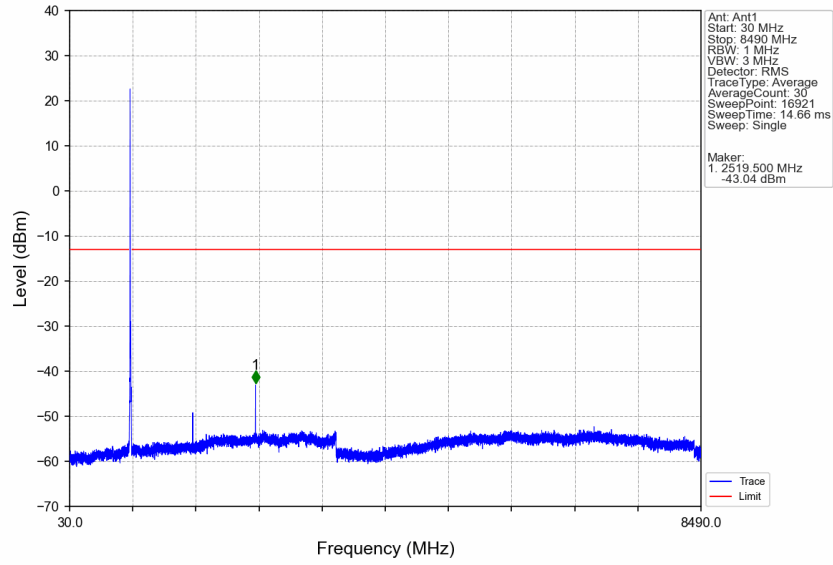


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 814         | 823        | 0.1       | CHP    | 1          | 822.777    | -41.37      | -13         | Pass   |
| 823         | 824        | 0.099     | CHP    | 2          | 823.992    | -36.92      | -13         | Pass   |
| 824         | 834        | 0.099     | CHP    | /          | /          | /           | /           | /      |

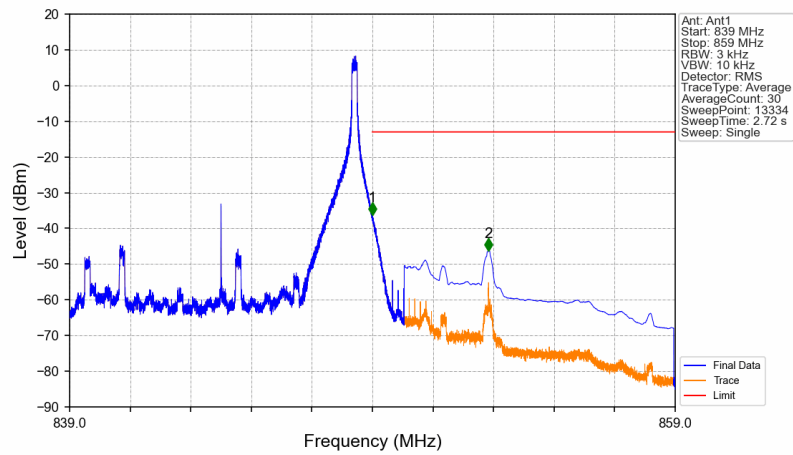
# Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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

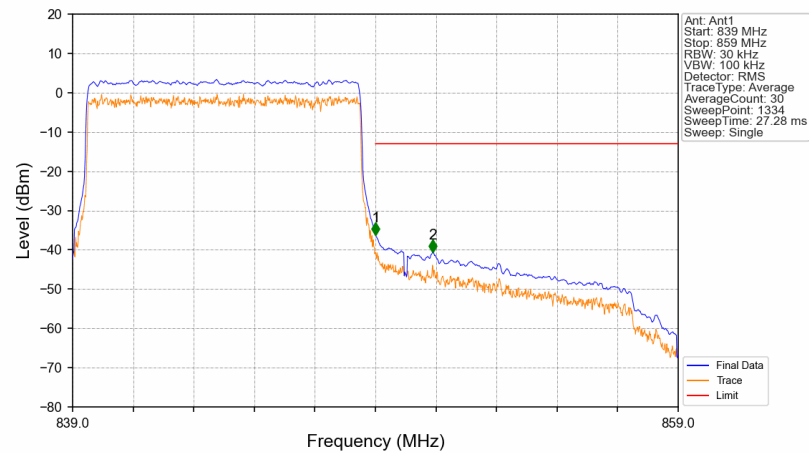


# Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_1\_49\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.003     | /      | /          | /          | /           | /           | /      |
| 849         | 850        | 0.003     | /      | 1          | 849.001    | -36.22      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 852.836    | -46.28      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 839         | 849        | 0.099     | CHP    | /          | /          | /           | /           | /      |
| 849         | 850        | 0.099     | CHP    | 1          | 849.008    | -36.25      | -13         | Pass   |
| 850         | 859        | 0.1       | CHP    | 2          | 850.898    | -40.61      | -13         | Pass   |

## 6. Field Strength of Spurious Radiation

Test Band = LTE Band5\_ TM1

Test Channel = Low

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1649.1429       | 53.62          | -48.22      | 25.45    | -64.41      | -13.00      | 51.41       | Horizontal |
| 2               | 2473.7143       | 55.57          | -47.32      | 27.15    | -59.86      | -13.00      | 46.86       | Horizontal |
| 3               | 3247.4286       | 42.64          | -46.47      | 28.35    | -70.75      | -13.00      | 57.75       | Horizontal |
| 4               | 4089.7143       | 42.28          | -45.93      | 29.62    | -69.30      | -13.00      | 56.30       | Horizontal |
| 5               | 5178.8571       | 41.77          | -45.07      | 31.72    | -66.84      | -13.00      | 53.84       | Horizontal |
| 6               | 6188            | 42.26          | -44.87      | 33.04    | -64.83      | -13.00      | 51.83       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1649.1429       | 51.81          | -48.22      | 25.45    | -66.22      | -13.00      | 53.22       | Vertical |
| 2               | 2473.7143       | 55.38          | -47.32      | 27.15    | -60.05      | -13.00      | 47.05       | Vertical |
| 3               | 3735.4286       | 42.42          | -46.15      | 28.98    | -70.02      | -13.00      | 57.02       | Vertical |
| 4               | 4442.8571       | 42.31          | -45.77      | 30.46    | -68.25      | -13.00      | 55.25       | Vertical |
| 5               | 5352            | 41.86          | -45.12      | 32.03    | -66.49      | -13.00      | 53.49       | Vertical |
| 6               | 7021.1429       | 40.81          | -43.71      | 35.06    | -63.10      | -13.00      | 50.10       | Vertical |

**Test Band = LTE Band5\_ TM1**

**Test Channel = Mid**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1664            | 51.43          | -48.20      | 25.46    | -66.57      | -13.00      | 53.57       | Horizontal |
| 2               | 2496.5714       | 50.76          | -47.28      | 27.19    | -64.58      | -13.00      | 51.58       | Horizontal |
| 3               | 3213.1429       | 42.94          | -46.34      | 28.31    | -70.35      | -13.00      | 57.35       | Horizontal |
| 4               | 4450.8571       | 42.46          | -45.74      | 30.48    | -68.06      | -13.00      | 55.06       | Horizontal |
| 5               | 5554.2857       | 42.36          | -45.21      | 32.31    | -65.80      | -13.00      | 52.80       | Horizontal |
| 6               | 6952            | 41.32          | -43.86      | 34.91    | -62.88      | -13.00      | 49.88       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1664            | 48.57          | -48.20      | 25.46    | -69.43      | -13.00      | 56.43       | Vertical |
| 2               | 2496.5714       | 52.97          | -47.28      | 27.19    | -62.37      | -13.00      | 49.37       | Vertical |
| 3               | 3191.4286       | 42.76          | -46.33      | 28.29    | -70.54      | -13.00      | 57.54       | Vertical |
| 4               | 4577.7143       | 42.83          | -45.75      | 30.72    | -67.45      | -13.00      | 54.45       | Vertical |
| 5               | 6253.1429       | 42.09          | -44.74      | 33.26    | -64.65      | -13.00      | 51.65       | Vertical |
| 6               | 7838.2857       | 39.72          | -42.67      | 36.87    | -61.33      | -13.00      | 48.33       | Vertical |

**Test Band = LTE Band5\_ TM1**  
**Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1679.4286       | 57.55          | -48.18      | 25.48    | -60.42      | -13.00      | 47.42       | Horizontal |
| 2               | 2518.8571       | 52.45          | -47.21      | 27.23    | -62.78      | -13.00      | 49.78       | Horizontal |
| 3               | 3292            | 43.25          | -46.65      | 28.39    | -70.27      | -13.00      | 57.27       | Horizontal |
| 4               | 4264.5714       | 42.67          | -45.84      | 30.03    | -68.40      | -13.00      | 55.40       | Horizontal |
| 5               | 5433.1429       | 42.25          | -45.03      | 32.18    | -65.86      | -13.00      | 52.86       | Horizontal |
| 6               | 7009.1429       | 41.10          | -43.63      | 35.03    | -62.76      | -13.00      | 49.76       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1679.4286       | 57.03          | -48.18      | 25.48    | -60.94      | -13.00      | 47.94       | Vertical |
| 2               | 2518.8571       | 54.96          | -47.21      | 27.23    | -60.27      | -13.00      | 47.27       | Vertical |
| 3               | 3058.2857       | 43.01          | -46.65      | 28.16    | -70.75      | -13.00      | 57.75       | Vertical |
| 4               | 4290.2857       | 42.39          | -45.80      | 30.10    | -68.57      | -13.00      | 55.57       | Vertical |
| 5               | 5414.2857       | 42.30          | -44.99      | 32.15    | -65.81      | -13.00      | 52.81       | Vertical |
| 6               | 6975.4286       | 40.89          | -43.72      | 34.96    | -63.13      | -13.00      | 50.13       | Vertical |



**Test Band = LTE CA 2A-5A\_ TM1**

**Test Channel = Low**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 4548.75         | 42.31          | -45.69      | 30.68    | -67.96      | -13.00      | 54.96       | Horizontal |
| 2               | 6081            | 41.43          | -44.52      | 32.68    | -65.68      | -13.00      | 52.68       | Horizontal |
| 3               | 6978.75         | 40.70          | -43.67      | 34.96    | -63.27      | -13.00      | 50.27       | Horizontal |
| 4               | 8075.25         | 37.97          | -41.61      | 37.05    | -61.84      | -13.00      | 48.84       | Horizontal |
| 5               | 9510.75         | 36.83          | -40.17      | 37.52    | -61.08      | -13.00      | 48.08       | Horizontal |
| 6               | 11931           | 31.95          | -37.26      | 39.07    | -61.51      | -13.00      | 48.51       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 4370.25         | 42.38          | -45.74      | 30.29    | -68.33      | -13.00      | 55.33       | Vertical |
| 2               | 6153.75         | 41.83          | -44.62      | 32.92    | -65.12      | -13.00      | 52.12       | Vertical |
| 3               | 7195.5          | 40.33          | -43.46      | 35.55    | -62.84      | -13.00      | 49.84       | Vertical |
| 4               | 8028            | 39.19          | -42.07      | 37.08    | -61.06      | -13.00      | 48.06       | Vertical |
| 5               | 9564            | 37.10          | -39.87      | 37.63    | -60.40      | -13.00      | 47.40       | Vertical |
| 6               | 11817           | 31.98          | -36.97      | 39.01    | -61.24      | -13.00      | 48.24       | Vertical |

**Test Band = LTE CA 2A-5A\_ TM1**

**Test Channel = Mid**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 4364.25         | 41.69          | -45.72      | 30.27    | -69.02      | -13.00      | 56.02       | Horizontal |
| 2               | 6159.75         | 41.39          | -44.64      | 32.94    | -65.56      | -13.00      | 52.56       | Horizontal |
| 3               | 8032.5          | 38.48          | -42.03      | 37.08    | -61.73      | -13.00      | 48.73       | Horizontal |
| 4               | 9467.25         | 36.75          | -40.10      | 37.43    | -61.17      | -13.00      | 48.17       | Horizontal |
| 5               | 12222.75        | 32.24          | -37.47      | 39.17    | -61.32      | -13.00      | 48.32       | Horizontal |
| 6               | 13575.75        | 31.49          | -36.31      | 40.21    | -59.87      | -13.00      | 46.87       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3819.75         | 42.09          | -45.99      | 29.11    | -70.05      | -13.00      | 57.05       | Vertical |
| 2               | 4722            | 41.95          | -45.59      | 30.96    | -67.94      | -13.00      | 54.94       | Vertical |
| 3               | 5804.25         | 41.13          | -44.76      | 32.36    | -66.53      | -13.00      | 53.53       | Vertical |
| 4               | 7060.5          | 40.83          | -43.95      | 35.17    | -63.21      | -13.00      | 50.21       | Vertical |
| 5               | 8477.25         | 38.58          | -41.58      | 36.81    | -61.45      | -13.00      | 48.45       | Vertical |
| 6               | 10705.5         | 33.14          | -37.92      | 38.57    | -61.47      | -13.00      | 48.47       | Vertical |

**Test Band = LTE CA 2A-5A\_ TM1**  
**Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3789.75         | 41.54          | -45.88      | 29.06    | -70.53      | -13.00      | 57.53       | Horizontal |
| 2               | 5506.5          | 41.56          | -45.23      | 32.30    | -66.63      | -13.00      | 53.63       | Horizontal |
| 3               | 6985.5          | 40.05          | -43.63      | 34.97    | -63.87      | -13.00      | 50.87       | Horizontal |
| 4               | 8911.5          | 36.88          | -41.21      | 36.55    | -63.04      | -13.00      | 50.04       | Horizontal |
| 5               | 10713.75        | 32.50          | -37.98      | 38.57    | -62.17      | -13.00      | 49.17       | Horizontal |
| 6               | 12101.25        | 32.01          | -37.34      | 39.13    | -61.46      | -13.00      | 48.46       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 4119            | 41.57          | -45.76      | 29.69    | -69.77      | -13.00      | 56.77       | Vertical |
| 2               | 5590.5          | 41.84          | -45.09      | 32.32    | -66.19      | -13.00      | 53.19       | Vertical |
| 3               | 6945.75         | 40.39          | -43.85      | 34.90    | -63.82      | -13.00      | 50.82       | Vertical |
| 4               | 8370.75         | 37.95          | -41.61      | 36.88    | -62.05      | -13.00      | 49.05       | Vertical |
| 5               | 10116.75        | 34.45          | -39.18      | 38.51    | -61.48      | -13.00      | 48.48       | Vertical |
| 6               | 12928.5         | 32.61          | -37.17      | 39.38    | -60.44      | -13.00      | 47.44       | Vertical |