

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

### 1.1 Test Result

#### 1.1.1 B13\_5MHz\_ERP

| Band: 13 / Bandwidth: 5MHz / NTNV            |                 |               |        |                       |            |           |         |         |
|----------------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                                   | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                              |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                         | 779.5           | 1             | 0      | 23.10                 | -3.21      | 17.74     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 23.15                 | -3.21      | 17.79     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 22.95                 | -3.21      | 17.59     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 22.23                 | -3.21      | 16.87     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 22.34                 | -3.21      | 16.98     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.22                 | -3.21      | 16.86     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 22.13                 | -3.21      | 16.77     | <=34.77 | Pass    |
|                                              | 782             | 1             | 0      | 23.26                 | -3.21      | 17.9      | <=34.77 | Pass    |
|                                              |                 |               | 13     | 23.42                 | -3.21      | 18.06     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 23.18                 | -3.21      | 17.82     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 22.24                 | -3.21      | 16.88     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 22.34                 | -3.21      | 16.98     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.18                 | -3.21      | 16.82     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 22.22                 | -3.21      | 16.86     | <=34.77 | Pass    |
|                                              | 784.5           | 1             | 0      | 23.27                 | -3.21      | 17.91     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 23.42                 | -3.21      | 18.06     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 23.10                 | -3.21      | 17.74     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 22.19                 | -3.21      | 16.83     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 22.30                 | -3.21      | 16.94     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.24                 | -3.21      | 16.88     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 22.16                 | -3.21      | 16.8      | <=34.77 | Pass    |
| 16QAM                                        | 779.5           | 1             | 0      | 21.99                 | -3.21      | 16.63     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.15                 | -3.21      | 16.79     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 21.73                 | -3.21      | 16.37     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 20.97                 | -3.21      | 15.61     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 21.09                 | -3.21      | 15.73     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.08                 | -3.21      | 15.72     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 20.99                 | -3.21      | 15.63     | <=34.77 | Pass    |
|                                              | 782             | 1             | 0      | 22.11                 | -3.21      | 16.75     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.04                 | -3.21      | 16.68     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 21.79                 | -3.21      | 16.43     | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 21.23                 | -3.21      | 15.87     | <=34.77 | Pass    |
|                                              |                 |               | 6      | 21.31                 | -3.21      | 15.95     | <=34.77 | Pass    |
|                                              | 13              | 21.25         | -3.21  | 15.89                 | <=34.77    | Pass      |         |         |
|                                              | 25              | 0             | 21.21  | -3.21                 | 15.85      | <=34.77   | Pass    |         |
|                                              | 784.5           | 1             | 0      | 21.93                 | -3.21      | 16.57     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.04                 | -3.21      | 16.68     | <=34.77 | Pass    |
|                                              |                 |               | 24     | 21.76                 | -3.21      | 16.4      | <=34.77 | Pass    |
|                                              |                 | 12            | 0      | 21.28                 | -3.21      | 15.92     | <=34.77 | Pass    |
| 6                                            |                 |               | 21.26  | -3.21                 | 15.9       | <=34.77   | Pass    |         |
| 13                                           |                 | 20.98         | -3.21  | 15.62                 | <=34.77    | Pass      |         |         |
| 25                                           | 0               | 21.14         | -3.21  | 15.78                 | <=34.77    | Pass      |         |         |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |                 |               |        |                       |            |           |         |         |

#### 1.1.2 B13\_10MHz\_ERP

| Band: 13 / Bandwidth: 10MHz / NTNV           |                 |               |        |                       |            |           |         |         |
|----------------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                                   | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                              |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                         | 782             | 1             | 0      | 22.95                 | -3.21      | 17.59     | <=34.77 | Pass    |
|                                              |                 |               | 25     | 23.29                 | -3.21      | 17.93     | <=34.77 | Pass    |
|                                              |                 |               | 49     | 23.11                 | -3.21      | 17.75     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 22.16                 | -3.21      | 16.8      | <=34.77 | Pass    |
|                                              |                 |               | 13     | 22.26                 | -3.21      | 16.9      | <=34.77 | Pass    |
|                                              |                 |               | 25     | 22.15                 | -3.21      | 16.79     | <=34.77 | Pass    |
|                                              |                 | 50            | 0      | 22.20                 | -3.21      | 16.84     | <=34.77 | Pass    |
| 16QAM                                        | 782             | 1             | 0      | 21.99                 | -3.21      | 16.63     | <=34.77 | Pass    |
|                                              |                 |               | 25     | 22.19                 | -3.21      | 16.83     | <=34.77 | Pass    |
|                                              |                 |               | 49     | 21.78                 | -3.21      | 16.42     | <=34.77 | Pass    |
|                                              |                 | 25            | 0      | 21.14                 | -3.21      | 15.78     | <=34.77 | Pass    |
|                                              |                 |               | 13     | 21.25                 | -3.21      | 15.89     | <=34.77 | Pass    |
|                                              |                 |               | 25     | 21.14                 | -3.21      | 15.78     | <=34.77 | Pass    |
|                                              |                 | 50            | 0      | 21.20                 | -3.21      | 15.84     | <=34.77 | Pass    |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |                 |               |        |                       |            |           |         |         |