

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

### 1.1 Test Result

#### 1.1.1 B48\_5MHz\_EIRP

| Band: 48 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 3552.5          | 1             | 0      | 23.75                 | -6.12      | 17.63      | <=23  | Pass    |
|                                   |                 |               | 13     | 23.81                 | -6.12      | 17.69      | <=23  | Pass    |
|                                   |                 |               | 24     | 23.73                 | -6.12      | 17.61      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.91                 | -6.12      | 16.79      | <=23  | Pass    |
|                                   |                 |               | 6      | 22.90                 | -6.12      | 16.78      | <=23  | Pass    |
|                                   |                 |               | 13     | 22.84                 | -6.12      | 16.72      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 22.87                 | -6.12      | 16.75      | <=23  | Pass    |
|                                   | 3625            | 1             | 0      | 23.95                 | -6.12      | 17.83      | <=23  | Pass    |
|                                   |                 |               | 13     | 23.98                 | -6.12      | 17.86      | <=23  | Pass    |
|                                   |                 |               | 24     | 23.90                 | -6.12      | 17.78      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.94                 | -6.12      | 16.82      | <=23  | Pass    |
|                                   |                 |               | 6      | 23.00                 | -6.12      | 16.88      | <=23  | Pass    |
|                                   |                 |               | 13     | 22.95                 | -6.12      | 16.83      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 22.91                 | -6.12      | 16.79      | <=23  | Pass    |
|                                   | 3697.5          | 1             | 0      | 24.00                 | -6.12      | 17.88      | <=23  | Pass    |
|                                   |                 |               | 13     | 24.16                 | -6.12      | 18.04      | <=23  | Pass    |
|                                   |                 |               | 24     | 24.03                 | -6.12      | 17.91      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 23.00                 | -6.12      | 16.88      | <=23  | Pass    |
|                                   |                 |               | 6      | 23.04                 | -6.12      | 16.92      | <=23  | Pass    |
|                                   |                 |               | 13     | 22.98                 | -6.12      | 16.86      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 22.96                 | -6.12      | 16.84      | <=23  | Pass    |
| 16QAM                             | 3552.5          | 1             | 0      | 22.90                 | -6.12      | 16.78      | <=23  | Pass    |
|                                   |                 |               | 13     | 23.25                 | -6.12      | 17.13      | <=23  | Pass    |
|                                   |                 |               | 24     | 23.06                 | -6.12      | 16.94      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 21.90                 | -6.12      | 15.78      | <=23  | Pass    |
|                                   |                 |               | 6      | 21.95                 | -6.12      | 15.83      | <=23  | Pass    |
|                                   |                 |               | 13     | 21.91                 | -6.12      | 15.79      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 21.86                 | -6.12      | 15.74      | <=23  | Pass    |
|                                   | 3625            | 1             | 0      | 23.13                 | -6.12      | 17.01      | <=23  | Pass    |
|                                   |                 |               | 13     | 23.26                 | -6.12      | 17.14      | <=23  | Pass    |
|                                   |                 |               | 24     | 23.16                 | -6.12      | 17.04      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.01                 | -6.12      | 15.89      | <=23  | Pass    |
|                                   |                 |               | 6      | 22.07                 | -6.12      | 15.95      | <=23  | Pass    |
|                                   |                 |               | 13     | 22.05                 | -6.12      | 15.93      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 21.91                 | -6.12      | 15.79      | <=23  | Pass    |
|                                   | 3697.5          | 1             | 0      | 23.20                 | -6.12      | 17.08      | <=23  | Pass    |
|                                   |                 |               | 13     | 23.16                 | -6.12      | 17.04      | <=23  | Pass    |
|                                   |                 |               | 24     | 23.15                 | -6.12      | 17.03      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.07                 | -6.12      | 15.95      | <=23  | Pass    |
|                                   |                 |               | 6      | 22.07                 | -6.12      | 15.95      | <=23  | Pass    |
|                                   |                 |               | 13     | 21.97                 | -6.12      | 15.85      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 21.97                 | -6.12      | 15.85      | <=23  | Pass    |
| 64QAM                             | 3552.5          | 1             | 0      | 22.78                 | -6.12      | 16.66      | <=23  | Pass    |
|                                   |                 |               | 13     | 22.92                 | -6.12      | 16.80      | <=23  | Pass    |
|                                   |                 |               | 24     | 22.83                 | -6.12      | 16.71      | <=23  | Pass    |
|                                   |                 | 12            | 0      | 21.84                 | -6.12      | 15.72      | <=23  | Pass    |
|                                   |                 |               | 6      | 21.92                 | -6.12      | 15.80      | <=23  | Pass    |
|                                   |                 |               | 13     | 21.94                 | -6.12      | 15.82      | <=23  | Pass    |
|                                   |                 | 25            | 0      | 21.85                 | -6.12      | 15.73      | <=23  | Pass    |

|        |        |    |    |       |       |       |      |      |
|--------|--------|----|----|-------|-------|-------|------|------|
| 256QAM | 3625   | 1  | 0  | 22.89 | -6.12 | 16.77 | <=23 | Pass |
|        |        |    | 13 | 23.05 | -6.12 | 16.93 | <=23 | Pass |
|        |        |    | 24 | 23.04 | -6.12 | 16.92 | <=23 | Pass |
|        |        | 12 | 0  | 21.88 | -6.12 | 15.76 | <=23 | Pass |
|        |        |    | 6  | 22.05 | -6.12 | 15.93 | <=23 | Pass |
|        |        |    | 13 | 21.98 | -6.12 | 15.86 | <=23 | Pass |
|        |        | 25 | 0  | 21.94 | -6.12 | 15.82 | <=23 | Pass |
|        | 3697.5 | 1  | 0  | 22.90 | -6.12 | 16.78 | <=23 | Pass |
|        |        |    | 13 | 23.15 | -6.12 | 17.03 | <=23 | Pass |
|        |        |    | 24 | 22.96 | -6.12 | 16.84 | <=23 | Pass |
|        |        | 12 | 0  | 21.99 | -6.12 | 15.87 | <=23 | Pass |
|        |        |    | 6  | 22.03 | -6.12 | 15.91 | <=23 | Pass |
|        |        |    | 13 | 22.01 | -6.12 | 15.89 | <=23 | Pass |
|        |        | 25 | 0  | 22.01 | -6.12 | 15.89 | <=23 | Pass |
| 256QAM | 3552.5 | 1  | 0  | 18.77 | -6.12 | 12.65 | <=23 | Pass |
|        |        |    | 13 | 18.89 | -6.12 | 12.77 | <=23 | Pass |
|        |        |    | 24 | 18.78 | -6.12 | 12.66 | <=23 | Pass |
|        |        | 12 | 0  | 17.85 | -6.12 | 11.73 | <=23 | Pass |
|        |        |    | 6  | 17.95 | -6.12 | 11.83 | <=23 | Pass |
|        |        |    | 13 | 17.81 | -6.12 | 11.69 | <=23 | Pass |
|        |        | 25 | 0  | 17.82 | -6.12 | 11.70 | <=23 | Pass |
|        | 3625   | 1  | 0  | 18.99 | -6.12 | 12.87 | <=23 | Pass |
|        |        |    | 13 | 19.07 | -6.12 | 12.95 | <=23 | Pass |
|        |        |    | 24 | 19.08 | -6.12 | 12.96 | <=23 | Pass |
|        |        | 12 | 0  | 17.92 | -6.12 | 11.80 | <=23 | Pass |
|        |        |    | 6  | 18.02 | -6.12 | 11.90 | <=23 | Pass |
|        |        |    | 13 | 18.01 | -6.12 | 11.89 | <=23 | Pass |
|        |        | 25 | 0  | 17.88 | -6.12 | 11.76 | <=23 | Pass |
|        | 3697.5 | 1  | 0  | 18.81 | -6.12 | 12.69 | <=23 | Pass |
|        |        |    | 13 | 19.10 | -6.12 | 12.98 | <=23 | Pass |
|        |        |    | 24 | 19.04 | -6.12 | 12.92 | <=23 | Pass |
|        |        | 12 | 0  | 17.99 | -6.12 | 11.87 | <=23 | Pass |
|        |        |    | 6  | 18.00 | -6.12 | 11.88 | <=23 | Pass |
|        |        |    | 13 | 18.04 | -6.12 | 11.92 | <=23 | Pass |
|        |        | 25 | 0  | 17.95 | -6.12 | 11.83 | <=23 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.2 B48\_10MHz\_EIRP

| Band: 48 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3555            | 1             | 0      | 23.75                 | -6.12      | 17.63      | <=23  | Pass    |
|                                    |                 |               | 25     | 23.94                 | -6.12      | 17.82      | <=23  | Pass    |
|                                    |                 |               | 49     | 23.92                 | -6.12      | 17.80      | <=23  | Pass    |
|                                    |                 | 25            | 0      | 22.90                 | -6.12      | 16.78      | <=23  | Pass    |
|                                    |                 |               | 13     | 22.92                 | -6.12      | 16.80      | <=23  | Pass    |
|                                    |                 |               | 25     | 22.91                 | -6.12      | 16.79      | <=23  | Pass    |
|                                    |                 | 50            | 0      | 22.86                 | -6.12      | 16.74      | <=23  | Pass    |
|                                    | 3625            | 1             | 0      | 23.94                 | -6.12      | 17.82      | <=23  | Pass    |
|                                    |                 |               | 25     | 24.00                 | -6.12      | 17.88      | <=23  | Pass    |
|                                    |                 |               | 49     | 24.12                 | -6.12      | 18.00      | <=23  | Pass    |
|                                    |                 | 25            | 0      | 22.90                 | -6.12      | 16.78      | <=23  | Pass    |
|                                    |                 |               | 13     | 22.96                 | -6.12      | 16.84      | <=23  | Pass    |
|                                    |                 |               | 25     | 22.94                 | -6.12      | 16.82      | <=23  | Pass    |
|                                    |                 | 50            | 0      | 22.93                 | -6.12      | 16.81      | <=23  | Pass    |
|                                    | 3695            | 1             | 0      | 23.96                 | -6.12      | 17.84      | <=23  | Pass    |

|        |      |       |       |       |       |       |       |       |      |      |
|--------|------|-------|-------|-------|-------|-------|-------|-------|------|------|
|        |      | 25    | 25    | 24.08 | -6.12 | 17.96 | <=23  | Pass  |      |      |
|        |      |       | 49    | 23.96 | -6.12 | 17.84 | <=23  | Pass  |      |      |
|        |      |       | 0     | 22.96 | -6.12 | 16.84 | <=23  | Pass  |      |      |
|        |      |       | 13    | 23.00 | -6.12 | 16.88 | <=23  | Pass  |      |      |
|        |      |       | 25    | 23.04 | -6.12 | 16.92 | <=23  | Pass  |      |      |
|        |      |       | 50    | 0     | 22.97 | -6.12 | 16.85 | <=23  | Pass |      |
| 16QAM  | 3555 | 1     | 0     | 22.94 | -6.12 | 16.82 | <=23  | Pass  |      |      |
|        |      |       | 25    | 23.06 | -6.12 | 16.94 | <=23  | Pass  |      |      |
|        |      |       | 49    | 23.00 | -6.12 | 16.88 | <=23  | Pass  |      |      |
|        |      | 25    | 0     | 21.89 | -6.12 | 15.77 | <=23  | Pass  |      |      |
|        |      |       | 13    | 21.93 | -6.12 | 15.81 | <=23  | Pass  |      |      |
|        |      |       | 25    | 21.99 | -6.12 | 15.87 | <=23  | Pass  |      |      |
|        |      | 50    | 0     | 21.89 | -6.12 | 15.77 | <=23  | Pass  |      |      |
|        |      | 3625  | 1     | 0     | 23.07 | -6.12 | 16.95 | <=23  | Pass |      |
|        |      |       |       | 25    | 23.24 | -6.12 | 17.12 | <=23  | Pass |      |
|        | 49   |       |       | 23.20 | -6.12 | 17.08 | <=23  | Pass  |      |      |
|        | 25   |       | 0     | 21.93 | -6.12 | 15.81 | <=23  | Pass  |      |      |
|        |      |       | 13    | 21.97 | -6.12 | 15.85 | <=23  | Pass  |      |      |
|        |      |       | 25    | 21.98 | -6.12 | 15.86 | <=23  | Pass  |      |      |
|        | 50   |       | 0     | 21.92 | -6.12 | 15.80 | <=23  | Pass  |      |      |
|        | 3695 |       | 1     | 0     | 23.20 | -6.12 | 17.08 | <=23  | Pass |      |
|        |      |       |       | 25    | 23.15 | -6.12 | 17.03 | <=23  | Pass |      |
|        |      | 49    |       | 23.14 | -6.12 | 17.02 | <=23  | Pass  |      |      |
|        |      | 25    | 0     | 21.98 | -6.12 | 15.86 | <=23  | Pass  |      |      |
|        |      |       | 13    | 22.06 | -6.12 | 15.94 | <=23  | Pass  |      |      |
|        |      |       | 25    | 22.03 | -6.12 | 15.91 | <=23  | Pass  |      |      |
|        |      | 50    | 0     | 22.00 | -6.12 | 15.88 | <=23  | Pass  |      |      |
|        |      | 64QAM | 3555  | 1     | 0     | 22.87 | -6.12 | 16.75 | <=23 | Pass |
|        |      |       |       |       | 25    | 22.93 | -6.12 | 16.81 | <=23 | Pass |
|        | 49   |       |       |       | 22.83 | -6.12 | 16.71 | <=23  | Pass |      |
| 25     | 0    |       |       | 21.86 | -6.12 | 15.74 | <=23  | Pass  |      |      |
|        | 13   |       |       | 21.95 | -6.12 | 15.83 | <=23  | Pass  |      |      |
|        | 25   |       |       | 21.91 | -6.12 | 15.79 | <=23  | Pass  |      |      |
| 50     | 0    |       |       | 21.93 | -6.12 | 15.81 | <=23  | Pass  |      |      |
| 3625   | 1    |       |       | 0     | 22.83 | -6.12 | 16.71 | <=23  | Pass |      |
|        |      |       |       | 25    | 23.01 | -6.12 | 16.89 | <=23  | Pass |      |
|        |      |       | 49    | 23.05 | -6.12 | 16.93 | <=23  | Pass  |      |      |
|        | 25   |       | 0     | 21.90 | -6.12 | 15.78 | <=23  | Pass  |      |      |
|        |      |       | 13    | 21.96 | -6.12 | 15.84 | <=23  | Pass  |      |      |
|        |      |       | 25    | 21.98 | -6.12 | 15.86 | <=23  | Pass  |      |      |
|        | 50   |       | 0     | 21.92 | -6.12 | 15.80 | <=23  | Pass  |      |      |
|        | 3695 |       | 1     | 0     | 22.81 | -6.12 | 16.69 | <=23  | Pass |      |
|        |      |       |       | 25    | 23.04 | -6.12 | 16.92 | <=23  | Pass |      |
| 49     |      |       |       | 22.93 | -6.12 | 16.81 | <=23  | Pass  |      |      |
| 25     |      |       | 0     | 21.93 | -6.12 | 15.81 | <=23  | Pass  |      |      |
|        |      |       | 13    | 22.03 | -6.12 | 15.91 | <=23  | Pass  |      |      |
|        |      |       | 25    | 21.98 | -6.12 | 15.86 | <=23  | Pass  |      |      |
| 50     |      |       | 0     | 22.01 | -6.12 | 15.89 | <=23  | Pass  |      |      |
| 256QAM |      |       | 3555  | 1     | 0     | 18.74 | -6.12 | 12.62 | <=23 | Pass |
|        |      |       |       |       | 25    | 18.97 | -6.12 | 12.85 | <=23 | Pass |
|        | 49   |       |       |       | 18.83 | -6.12 | 12.71 | <=23  | Pass |      |
|        | 25   | 0     |       | 17.90 | -6.12 | 11.78 | <=23  | Pass  |      |      |
|        |      | 13    |       | 17.87 | -6.12 | 11.75 | <=23  | Pass  |      |      |
|        |      | 25    |       | 17.86 | -6.12 | 11.74 | <=23  | Pass  |      |      |
|        | 50   | 0     |       | 17.86 | -6.12 | 11.74 | <=23  | Pass  |      |      |
|        | 3625 | 1     |       | 0     | 18.95 | -6.12 | 12.83 | <=23  | Pass |      |
|        |      |       |       | 25    | 19.15 | -6.12 | 13.03 | <=23  | Pass |      |
|        |      |       | 49    | 18.99 | -6.12 | 12.87 | <=23  | Pass  |      |      |
|        | 25   | 0     | 17.91 | -6.12 | 11.79 | <=23  | Pass  |       |      |      |

|                                          |      |    |    |       |       |       |      |      |
|------------------------------------------|------|----|----|-------|-------|-------|------|------|
|                                          |      |    | 13 | 17.97 | -6.12 | 11.85 | <=23 | Pass |
|                                          |      |    | 25 | 17.99 | -6.12 | 11.87 | <=23 | Pass |
|                                          |      | 50 | 0  | 17.95 | -6.12 | 11.83 | <=23 | Pass |
|                                          | 3695 | 1  | 0  | 19.09 | -6.12 | 12.97 | <=23 | Pass |
|                                          |      |    | 25 | 19.21 | -6.12 | 13.09 | <=23 | Pass |
|                                          |      |    | 49 | 18.98 | -6.12 | 12.86 | <=23 | Pass |
|                                          |      | 25 | 0  | 17.95 | -6.12 | 11.83 | <=23 | Pass |
|                                          |      |    | 13 | 18.03 | -6.12 | 11.91 | <=23 | Pass |
|                                          |      |    | 25 | 18.00 | -6.12 | 11.88 | <=23 | Pass |
|                                          |      | 50 | 0  | 17.99 | -6.12 | 11.87 | <=23 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |      |    |    |       |       |       |      |      |

## 1.1.3 B48\_15MHz\_EIRP

| Band: 48 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3557.5          | 1             | 0      | 23.93                 | -6.12      | 17.81      | <=23  | Pass    |
|                                    |                 |               | 38     | 23.75                 | -6.12      | 17.63      | <=23  | Pass    |
|                                    |                 |               | 74     | 23.81                 | -6.12      | 17.69      | <=23  | Pass    |
|                                    |                 | 36            | 0      | 22.79                 | -6.12      | 16.67      | <=23  | Pass    |
|                                    |                 |               | 18     | 22.90                 | -6.12      | 16.78      | <=23  | Pass    |
|                                    |                 |               | 39     | 22.90                 | -6.12      | 16.78      | <=23  | Pass    |
|                                    |                 | 75            | 0      | 22.85                 | -6.12      | 16.73      | <=23  | Pass    |
|                                    | 3625            | 1             | 0      | 23.85                 | -6.12      | 17.73      | <=23  | Pass    |
|                                    |                 |               | 38     | 23.98                 | -6.12      | 17.86      | <=23  | Pass    |
|                                    |                 |               | 74     | 24.15                 | -6.12      | 18.03      | <=23  | Pass    |
|                                    |                 | 36            | 0      | 22.85                 | -6.12      | 16.73      | <=23  | Pass    |
|                                    |                 |               | 18     | 22.46                 | -6.12      | 16.34      | <=23  | Pass    |
|                                    |                 |               | 39     | 22.33                 | -6.12      | 16.21      | <=23  | Pass    |
|                                    |                 | 75            | 0      | 22.36                 | -6.12      | 16.24      | <=23  | Pass    |
|                                    | 3692.5          | 1             | 0      | 23.39                 | -6.12      | 17.27      | <=23  | Pass    |
|                                    |                 |               | 38     | 23.49                 | -6.12      | 17.37      | <=23  | Pass    |
|                                    |                 |               | 74     | 23.27                 | -6.12      | 17.15      | <=23  | Pass    |
|                                    |                 | 36            | 0      | 22.43                 | -6.12      | 16.31      | <=23  | Pass    |
|                                    |                 |               | 18     | 22.43                 | -6.12      | 16.31      | <=23  | Pass    |
|                                    |                 |               | 39     | 22.42                 | -6.12      | 16.30      | <=23  | Pass    |
|                                    |                 | 75            | 0      | 22.40                 | -6.12      | 16.28      | <=23  | Pass    |
| 16QAM                              | 3557.5          | 1             | 0      | 22.86                 | -6.12      | 16.74      | <=23  | Pass    |
|                                    |                 |               | 38     | 23.05                 | -6.12      | 16.93      | <=23  | Pass    |
|                                    |                 |               | 74     | 22.78                 | -6.12      | 16.66      | <=23  | Pass    |
|                                    |                 | 36            | 0      | 21.79                 | -6.12      | 15.67      | <=23  | Pass    |
|                                    |                 |               | 18     | 21.93                 | -6.12      | 15.81      | <=23  | Pass    |
|                                    |                 |               | 39     | 21.87                 | -6.12      | 15.75      | <=23  | Pass    |
|                                    |                 | 75            | 0      | 21.88                 | -6.12      | 15.76      | <=23  | Pass    |
|                                    | 3625            | 1             | 0      | 22.57                 | -6.12      | 16.45      | <=23  | Pass    |
|                                    |                 |               | 38     | 22.66                 | -6.12      | 16.54      | <=23  | Pass    |
|                                    |                 |               | 74     | 22.41                 | -6.12      | 16.29      | <=23  | Pass    |
|                                    |                 | 36            | 0      | 21.36                 | -6.12      | 15.24      | <=23  | Pass    |
|                                    |                 |               | 18     | 21.45                 | -6.12      | 15.33      | <=23  | Pass    |
|                                    |                 |               | 39     | 21.48                 | -6.12      | 15.36      | <=23  | Pass    |
|                                    |                 | 75            | 0      | 21.42                 | -6.12      | 15.30      | <=23  | Pass    |
|                                    | 3692.5          | 1             | 0      | 22.54                 | -6.12      | 16.42      | <=23  | Pass    |
|                                    |                 |               | 38     | 22.44                 | -6.12      | 16.32      | <=23  | Pass    |
|                                    |                 |               | 74     | 22.58                 | -6.12      | 16.46      | <=23  | Pass    |
|                                    |                 | 36            | 0      | 21.30                 | -6.12      | 15.18      | <=23  | Pass    |
|                                    |                 |               | 18     | 21.43                 | -6.12      | 15.31      | <=23  | Pass    |

|                                          |        |        |        |       |       |       |       |       |      |
|------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|------|
|                                          |        |        | 39     | 21.06 | -6.12 | 14.94 | <=23  | Pass  |      |
|                                          |        | 75     | 0      | 21.39 | -6.12 | 15.27 | <=23  | Pass  |      |
| 64QAM                                    | 3557.5 | 1      | 0      | 22.79 | -6.12 | 16.67 | <=23  | Pass  |      |
|                                          |        |        | 38     | 22.92 | -6.12 | 16.80 | <=23  | Pass  |      |
|                                          |        |        | 74     | 22.66 | -6.12 | 16.54 | <=23  | Pass  |      |
|                                          |        |        | 0      | 21.73 | -6.12 | 15.61 | <=23  | Pass  |      |
|                                          |        | 36     | 18     | 21.92 | -6.12 | 15.80 | <=23  | Pass  |      |
|                                          |        |        | 39     | 21.90 | -6.12 | 15.78 | <=23  | Pass  |      |
|                                          |        |        | 75     | 0     | 21.91 | -6.12 | 15.79 | <=23  | Pass |
|                                          |        | 3625   | 1      | 0     | 22.47 | -6.12 | 16.35 | <=23  | Pass |
|                                          |        |        |        | 38    | 22.47 | -6.12 | 16.35 | <=23  | Pass |
|                                          | 74     |        |        | 22.43 | -6.12 | 16.31 | <=23  | Pass  |      |
|                                          | 36     |        | 0      | 21.42 | -6.12 | 15.30 | <=23  | Pass  |      |
|                                          |        |        | 18     | 21.38 | -6.12 | 15.26 | <=23  | Pass  |      |
|                                          |        |        | 39     | 21.35 | -6.12 | 15.23 | <=23  | Pass  |      |
|                                          | 75     |        | 0      | 21.12 | -6.12 | 15.00 | <=23  | Pass  |      |
|                                          | 3692.5 | 1      | 0      | 22.26 | -6.12 | 16.14 | <=23  | Pass  |      |
|                                          |        |        | 38     | 22.50 | -6.12 | 16.38 | <=23  | Pass  |      |
|                                          |        |        | 74     | 22.44 | -6.12 | 16.32 | <=23  | Pass  |      |
|                                          |        | 36     | 0      | 21.44 | -6.12 | 15.32 | <=23  | Pass  |      |
|                                          |        |        | 18     | 21.32 | -6.12 | 15.20 | <=23  | Pass  |      |
|                                          |        |        | 39     | 21.41 | -6.12 | 15.29 | <=23  | Pass  |      |
|                                          |        | 75     | 0      | 21.43 | -6.12 | 15.31 | <=23  | Pass  |      |
|                                          |        | 256QAM | 3557.5 | 1     | 0     | 18.88 | -6.12 | 12.76 | <=23 |
| 38                                       | 18.91  |        |        |       | -6.12 | 12.79 | <=23  | Pass  |      |
| 74                                       | 18.98  |        |        |       | -6.12 | 12.86 | <=23  | Pass  |      |
| 36                                       | 0      |        |        | 17.85 | -6.12 | 11.73 | <=23  | Pass  |      |
|                                          | 18     |        |        | 17.89 | -6.12 | 11.77 | <=23  | Pass  |      |
|                                          | 39     |        |        | 17.87 | -6.12 | 11.75 | <=23  | Pass  |      |
| 75                                       | 0      |        |        | 17.88 | -6.12 | 11.76 | <=23  | Pass  |      |
| 3625                                     | 1      |        | 0      | 18.36 | -6.12 | 12.24 | <=23  | Pass  |      |
|                                          |        |        | 38     | 18.58 | -6.12 | 12.46 | <=23  | Pass  |      |
|                                          |        |        | 74     | 18.33 | -6.12 | 12.21 | <=23  | Pass  |      |
|                                          | 36     |        | 0      | 17.41 | -6.12 | 11.29 | <=23  | Pass  |      |
|                                          |        |        | 18     | 17.44 | -6.12 | 11.32 | <=23  | Pass  |      |
|                                          |        |        | 39     | 17.39 | -6.12 | 11.27 | <=23  | Pass  |      |
| 75                                       | 0      |        | 17.38  | -6.12 | 11.26 | <=23  | Pass  |       |      |
| 3692.5                                   | 1      |        | 0      | 18.59 | -6.12 | 12.47 | <=23  | Pass  |      |
|                                          |        |        | 38     | 18.63 | -6.12 | 12.51 | <=23  | Pass  |      |
|                                          |        |        | 74     | 18.41 | -6.12 | 12.29 | <=23  | Pass  |      |
|                                          | 36     |        | 0      | 17.44 | -6.12 | 11.32 | <=23  | Pass  |      |
|                                          |        |        | 18     | 17.44 | -6.12 | 11.32 | <=23  | Pass  |      |
|                                          |        |        | 39     | 17.44 | -6.12 | 11.32 | <=23  | Pass  |      |
|                                          | 75     |        | 0      | 17.48 | -6.12 | 11.36 | <=23  | Pass  |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |       |       |      |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.1.4 B48\_20MHz\_EIRP

| Band: 48 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3560            | 1             | 0      | 23.10                 | -6.12      | 16.98      | <=23  | Pass    |
|                                    |                 |               | 50     | 23.36                 | -6.12      | 17.24      | <=23  | Pass    |
|                                    |                 |               | 99     | 23.36                 | -6.12      | 17.24      | <=23  | Pass    |
|                                    |                 | 50            | 0      | 22.36                 | -6.12      | 16.24      | <=23  | Pass    |
|                                    |                 |               | 25     | 22.47                 | -6.12      | 16.35      | <=23  | Pass    |
|                                    |                 |               | 50     | 22.42                 | -6.12      | 16.30      | <=23  | Pass    |

|        |       |       |       |       |       |       |       |       |       |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |       | 100   | 0     | 22.44 | -6.12 | 16.32 | <=23  | Pass  |       |
|        |       | 3625  | 1     | 0     | 23.34 | -6.12 | 17.22 | <=23  | Pass  |
|        |       |       |       | 50    | 23.35 | -6.12 | 17.23 | <=23  | Pass  |
|        |       |       |       | 99    | 23.67 | -6.12 | 17.55 | <=23  | Pass  |
|        |       |       |       | 0     | 22.44 | -6.12 | 16.32 | <=23  | Pass  |
|        |       |       | 50    | 25    | 22.45 | -6.12 | 16.33 | <=23  | Pass  |
|        |       |       |       | 50    | 22.41 | -6.12 | 16.29 | <=23  | Pass  |
|        |       | 100   | 0     | 22.42 | -6.12 | 16.30 | <=23  | Pass  |       |
|        |       | 3690  | 1     | 0     | 23.45 | -6.12 | 17.33 | <=23  | Pass  |
|        |       |       |       | 50    | 23.46 | -6.12 | 17.34 | <=23  | Pass  |
|        |       |       |       | 99    | 23.41 | -6.12 | 17.29 | <=23  | Pass  |
|        |       |       | 50    | 0     | 22.45 | -6.12 | 16.33 | <=23  | Pass  |
|        |       |       |       | 25    | 22.45 | -6.12 | 16.33 | <=23  | Pass  |
|        |       |       |       | 50    | 22.44 | -6.12 | 16.32 | <=23  | Pass  |
|        |       |       | 100   | 0     | 22.43 | -6.12 | 16.31 | <=23  | Pass  |
|        |       |       | 16QAM | 3560  | 1     | 0     | 22.57 | -6.12 | 16.45 |
| 50     | 22.52 | -6.12 |       |       |       | 16.40 | <=23  | Pass  |       |
| 99     | 22.70 | -6.12 |       |       |       | 16.58 | <=23  | Pass  |       |
| 50     | 0     | 21.36 |       |       | -6.12 | 15.24 | <=23  | Pass  |       |
|        | 25    | 21.50 |       |       | -6.12 | 15.38 | <=23  | Pass  |       |
|        | 50    | 21.45 |       |       | -6.12 | 15.33 | <=23  | Pass  |       |
| 100    | 0     | 21.44 |       |       | -6.12 | 15.32 | <=23  | Pass  |       |
| 3625   | 1     | 0     |       |       | 22.64 | -6.12 | 16.52 | <=23  | Pass  |
|        |       | 50    |       |       | 22.68 | -6.12 | 16.56 | <=23  | Pass  |
|        |       | 99    |       | 22.71 | -6.12 | 16.59 | <=23  | Pass  |       |
|        | 50    | 0     |       | 21.43 | -6.12 | 15.31 | <=23  | Pass  |       |
|        |       | 25    |       | 21.48 | -6.12 | 15.36 | <=23  | Pass  |       |
|        |       | 50    |       | 21.44 | -6.12 | 15.32 | <=23  | Pass  |       |
| 100    | 0     | 21.42 |       | -6.12 | 15.30 | <=23  | Pass  |       |       |
| 3690   | 1     | 0     |       | 22.60 | -6.12 | 16.48 | <=23  | Pass  |       |
|        |       | 50    |       | 22.64 | -6.12 | 16.52 | <=23  | Pass  |       |
|        |       | 99    |       | 22.70 | -6.12 | 16.58 | <=23  | Pass  |       |
|        | 50    | 0     |       | 21.45 | -6.12 | 15.33 | <=23  | Pass  |       |
|        |       | 25    |       | 21.44 | -6.12 | 15.32 | <=23  | Pass  |       |
|        |       | 50    |       | 21.45 | -6.12 | 15.33 | <=23  | Pass  |       |
|        | 100   | 0     |       | 21.45 | -6.12 | 15.33 | <=23  | Pass  |       |
|        | 64QAM | 3560  |       | 1     | 0     | 22.36 | -6.12 | 16.24 | <=23  |
| 50     |       |       |       |       | 22.59 | -6.12 | 16.47 | <=23  | Pass  |
| 99     |       |       |       |       | 22.38 | -6.12 | 16.26 | <=23  | Pass  |
| 50     |       |       |       | 0     | 21.33 | -6.12 | 15.21 | <=23  | Pass  |
|        |       |       |       | 25    | 21.44 | -6.12 | 15.32 | <=23  | Pass  |
|        |       |       |       | 50    | 21.39 | -6.12 | 15.27 | <=23  | Pass  |
| 100    |       |       |       | 0     | 21.43 | -6.12 | 15.31 | <=23  | Pass  |
| 3625   |       | 1     |       | 0     | 22.35 | -6.12 | 16.23 | <=23  | Pass  |
|        |       |       |       | 50    | 22.62 | -6.12 | 16.50 | <=23  | Pass  |
|        |       |       | 99    | 22.52 | -6.12 | 16.40 | <=23  | Pass  |       |
|        |       | 50    | 0     | 21.42 | -6.12 | 15.30 | <=23  | Pass  |       |
|        |       |       | 25    | 21.44 | -6.12 | 15.32 | <=23  | Pass  |       |
|        |       |       | 50    | 21.40 | -6.12 | 15.28 | <=23  | Pass  |       |
| 100    |       | 0     | 21.44 | -6.12 | 15.32 | <=23  | Pass  |       |       |
| 3690   |       | 1     | 0     | 22.38 | -6.12 | 16.26 | <=23  | Pass  |       |
|        |       |       | 50    | 22.49 | -6.12 | 16.37 | <=23  | Pass  |       |
|        |       |       | 99    | 22.42 | -6.12 | 16.30 | <=23  | Pass  |       |
|        |       | 50    | 0     | 21.42 | -6.12 | 15.30 | <=23  | Pass  |       |
|        |       |       | 25    | 21.49 | -6.12 | 15.37 | <=23  | Pass  |       |
|        |       |       | 50    | 21.43 | -6.12 | 15.31 | <=23  | Pass  |       |
|        | 100   | 0     | 21.44 | -6.12 | 15.32 | <=23  | Pass  |       |       |
| 256QAM | 3560  | 1     | 0     | 18.30 | -6.12 | 12.18 | <=23  | Pass  |       |
| 50     | 18.41 |       | -6.12 | 12.29 | <=23  | Pass  |       |       |       |

|  |                                          |     |    |       |       |       |      |      |
|--|------------------------------------------|-----|----|-------|-------|-------|------|------|
|  |                                          | 50  | 99 | 18.43 | -6.12 | 12.31 | <=23 | Pass |
|  |                                          |     | 0  | 17.32 | -6.12 | 11.20 | <=23 | Pass |
|  |                                          |     | 25 | 17.43 | -6.12 | 11.31 | <=23 | Pass |
|  |                                          |     | 50 | 17.37 | -6.12 | 11.25 | <=23 | Pass |
|  |                                          | 100 | 0  | 17.42 | -6.12 | 11.30 | <=23 | Pass |
|  | 3625                                     | 1   | 0  | 18.32 | -6.12 | 12.20 | <=23 | Pass |
|  |                                          |     | 50 | 18.62 | -6.12 | 12.50 | <=23 | Pass |
|  |                                          |     | 99 | 18.51 | -6.12 | 12.39 | <=23 | Pass |
|  |                                          | 50  | 0  | 17.44 | -6.12 | 11.32 | <=23 | Pass |
|  |                                          |     | 25 | 17.44 | -6.12 | 11.32 | <=23 | Pass |
|  |                                          |     | 50 | 17.46 | -6.12 | 11.34 | <=23 | Pass |
|  |                                          | 100 | 0  | 17.43 | -6.12 | 11.31 | <=23 | Pass |
|  | 3690                                     | 1   | 0  | 18.26 | -6.12 | 12.14 | <=23 | Pass |
|  |                                          |     | 50 | 18.49 | -6.12 | 12.37 | <=23 | Pass |
|  |                                          |     | 99 | 18.41 | -6.12 | 12.29 | <=23 | Pass |
|  |                                          | 50  | 0  | 17.44 | -6.12 | 11.32 | <=23 | Pass |
|  |                                          |     | 25 | 17.51 | -6.12 | 11.39 | <=23 | Pass |
|  |                                          |     | 50 | 17.48 | -6.12 | 11.36 | <=23 | Pass |
|  |                                          | 100 | 0  | 17.49 | -6.12 | 11.37 | <=23 | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |     |    |       |       |       |      |      |

Remark : Total channel power is complied with EIRP limit 23dBm/10MHz.