

## Appendix B.10

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

#### 1.1 Test Result

##### 1.1.1 B12\_1.4MHz\_ERP

| Band: 12 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                | 699.7           | 1             | 0      | 23.29                 | 0.27       | 21.41     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 23.35                 | 0.27       | 21.47     | <=34.77 | Pass    |
|                                     |                 |               | 5      | 23.33                 | 0.27       | 21.45     | <=34.77 | Pass    |
|                                     |                 | 3             | 0      | 23.27                 | 0.27       | 21.39     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 23.29                 | 0.27       | 21.41     | <=34.77 | Pass    |
|                                     |                 |               | 3      | 23.29                 | 0.27       | 21.41     | <=34.77 | Pass    |
|                                     |                 | 6             | 0      | 22.24                 | 0.27       | 20.36     | <=34.77 | Pass    |
|                                     | 707.5           | 1             | 0      | 23.24                 | 0.27       | 21.36     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 23.23                 | 0.27       | 21.35     | <=34.77 | Pass    |
|                                     |                 |               | 5      | 23.17                 | 0.27       | 21.29     | <=34.77 | Pass    |
|                                     |                 | 3             | 0      | 23.29                 | 0.27       | 21.41     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 23.27                 | 0.27       | 21.39     | <=34.77 | Pass    |
|                                     |                 |               | 3      | 23.27                 | 0.27       | 21.39     | <=34.77 | Pass    |
|                                     |                 | 6             | 0      | 22.27                 | 0.27       | 20.39     | <=34.77 | Pass    |
|                                     | 715.3           | 1             | 0      | 23.01                 | 0.27       | 21.13     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 23.00                 | 0.27       | 21.12     | <=34.77 | Pass    |
|                                     |                 |               | 5      | 22.97                 | 0.27       | 21.09     | <=34.77 | Pass    |
|                                     |                 | 3             | 0      | 23.08                 | 0.27       | 21.20     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 23.11                 | 0.27       | 21.23     | <=34.77 | Pass    |
|                                     |                 |               | 3      | 23.09                 | 0.27       | 21.21     | <=34.77 | Pass    |
|                                     |                 | 6             | 0      | 22.06                 | 0.27       | 20.18     | <=34.77 | Pass    |
| 16QAM                               | 699.7           | 1             | 0      | 22.26                 | 0.27       | 20.38     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 22.41                 | 0.27       | 20.53     | <=34.77 | Pass    |
|                                     |                 |               | 5      | 22.50                 | 0.27       | 20.62     | <=34.77 | Pass    |
|                                     |                 | 3             | 0      | 22.26                 | 0.27       | 20.38     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 22.36                 | 0.27       | 20.48     | <=34.77 | Pass    |
|                                     |                 |               | 3      | 22.36                 | 0.27       | 20.48     | <=34.77 | Pass    |
|                                     |                 | 6             | 0      | 21.35                 | 0.27       | 19.47     | <=34.77 | Pass    |
|                                     | 707.5           | 1             | 0      | 22.48                 | 0.27       | 20.60     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 22.55                 | 0.27       | 20.67     | <=34.77 | Pass    |
|                                     |                 |               | 5      | 22.44                 | 0.27       | 20.56     | <=34.77 | Pass    |
|                                     |                 | 3             | 0      | 22.30                 | 0.27       | 20.42     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 22.32                 | 0.27       | 20.44     | <=34.77 | Pass    |
|                                     |                 |               | 3      | 22.36                 | 0.27       | 20.48     | <=34.77 | Pass    |
|                                     |                 | 6             | 0      | 21.26                 | 0.27       | 19.38     | <=34.77 | Pass    |
|                                     | 715.3           | 1             | 0      | 22.27                 | 0.27       | 20.39     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 22.35                 | 0.27       | 20.47     | <=34.77 | Pass    |
|                                     |                 |               | 5      | 22.29                 | 0.27       | 20.41     | <=34.77 | Pass    |
|                                     |                 | 3             | 0      | 22.05                 | 0.27       | 20.17     | <=34.77 | Pass    |
|                                     |                 |               | 2      | 22.17                 | 0.27       | 20.29     | <=34.77 | Pass    |
|                                     |                 |               | 3      | 22.11                 | 0.27       | 20.23     | <=34.77 | Pass    |

|                                              |       |   |   |       |      |       |         |      |
|----------------------------------------------|-------|---|---|-------|------|-------|---------|------|
|                                              |       | 6 | 0 | 21.13 | 0.27 | 19.25 | <=34.77 | Pass |
| 64QAM                                        | 699.7 | 1 | 0 | 21.30 | 0.27 | 19.42 | <=34.77 | Pass |
|                                              |       |   | 2 | 21.37 | 0.27 | 19.49 | <=34.77 | Pass |
|                                              |       |   | 5 | 21.33 | 0.27 | 19.45 | <=34.77 | Pass |
|                                              |       |   | 0 | 21.26 | 0.27 | 19.38 | <=34.77 | Pass |
|                                              |       | 3 | 2 | 21.34 | 0.27 | 19.46 | <=34.77 | Pass |
|                                              |       |   | 3 | 21.38 | 0.27 | 19.50 | <=34.77 | Pass |
|                                              |       | 6 | 0 | 20.16 | 0.27 | 18.28 | <=34.77 | Pass |
|                                              | 707.5 | 1 | 0 | 21.33 | 0.27 | 19.45 | <=34.77 | Pass |
|                                              |       |   | 2 | 21.27 | 0.27 | 19.39 | <=34.77 | Pass |
|                                              |       |   | 5 | 21.23 | 0.27 | 19.35 | <=34.77 | Pass |
|                                              |       | 3 | 0 | 21.35 | 0.27 | 19.47 | <=34.77 | Pass |
|                                              |       |   | 2 | 21.34 | 0.27 | 19.46 | <=34.77 | Pass |
|                                              |       |   | 3 | 21.33 | 0.27 | 19.45 | <=34.77 | Pass |
|                                              |       | 6 | 0 | 20.27 | 0.27 | 18.39 | <=34.77 | Pass |
|                                              | 715.3 | 1 | 0 | 21.11 | 0.27 | 19.23 | <=34.77 | Pass |
|                                              |       |   | 2 | 21.18 | 0.27 | 19.30 | <=34.77 | Pass |
|                                              |       |   | 5 | 21.14 | 0.27 | 19.26 | <=34.77 | Pass |
|                                              |       | 3 | 0 | 21.09 | 0.27 | 19.21 | <=34.77 | Pass |
|                                              |       |   | 2 | 21.09 | 0.27 | 19.21 | <=34.77 | Pass |
|                                              |       |   | 3 | 21.16 | 0.27 | 19.28 | <=34.77 | Pass |
|                                              |       | 6 | 0 | 20.05 | 0.27 | 18.17 | <=34.77 | Pass |
| 256QAM                                       | 699.7 | 1 | 0 | 18.44 | 0.27 | 16.56 | <=34.77 | Pass |
|                                              |       |   | 2 | 18.54 | 0.27 | 16.66 | <=34.77 | Pass |
|                                              |       |   | 5 | 18.50 | 0.27 | 16.62 | <=34.77 | Pass |
|                                              |       | 3 | 0 | 18.36 | 0.27 | 16.48 | <=34.77 | Pass |
|                                              |       |   | 2 | 18.53 | 0.27 | 16.65 | <=34.77 | Pass |
|                                              |       |   | 3 | 18.47 | 0.27 | 16.59 | <=34.77 | Pass |
|                                              |       | 6 | 0 | 18.39 | 0.27 | 16.51 | <=34.77 | Pass |
|                                              | 707.5 | 1 | 0 | 18.48 | 0.27 | 16.60 | <=34.77 | Pass |
|                                              |       |   | 2 | 18.45 | 0.27 | 16.57 | <=34.77 | Pass |
|                                              |       |   | 5 | 18.44 | 0.27 | 16.56 | <=34.77 | Pass |
|                                              |       | 3 | 0 | 18.47 | 0.27 | 16.59 | <=34.77 | Pass |
|                                              |       |   | 2 | 18.50 | 0.27 | 16.62 | <=34.77 | Pass |
|                                              |       |   | 3 | 18.42 | 0.27 | 16.54 | <=34.77 | Pass |
|                                              |       | 6 | 0 | 18.32 | 0.27 | 16.44 | <=34.77 | Pass |
|                                              | 715.3 | 1 | 0 | 18.28 | 0.27 | 16.40 | <=34.77 | Pass |
|                                              |       |   | 2 | 18.27 | 0.27 | 16.39 | <=34.77 | Pass |
|                                              |       |   | 5 | 18.25 | 0.27 | 16.37 | <=34.77 | Pass |
|                                              |       | 3 | 0 | 18.31 | 0.27 | 16.43 | <=34.77 | Pass |
|                                              |       |   | 2 | 18.21 | 0.27 | 16.33 | <=34.77 | Pass |
|                                              |       |   | 3 | 18.29 | 0.27 | 16.41 | <=34.77 | Pass |
|                                              |       | 6 | 0 | 18.20 | 0.27 | 16.32 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |       |   |   |       |      |       |         |      |

## 1.1.2 B12\_3MHz\_ERP

| Band: 12 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 700.5           | 1             | 0      | 23.19                 | 0.27       | 21.31     | <=34.77 | Pass    |
|                                   |                 |               | 7      | 23.28                 | 0.27       | 21.40     | <=34.77 | Pass    |
|                                   |                 |               | 14     | 23.22                 | 0.27       | 21.34     | <=34.77 | Pass    |
|                                   |                 | 8             | 0      | 22.26                 | 0.27       | 20.38     | <=34.77 | Pass    |

|       |       |    |    |       |      |       |         |      |
|-------|-------|----|----|-------|------|-------|---------|------|
|       | 707.5 | 15 | 4  | 22.25 | 0.27 | 20.37 | <=34.77 | Pass |
|       |       |    | 7  | 22.22 | 0.27 | 20.34 | <=34.77 | Pass |
|       |       |    | 0  | 22.23 | 0.27 | 20.35 | <=34.77 | Pass |
|       |       | 1  | 0  | 23.26 | 0.27 | 21.38 | <=34.77 | Pass |
|       |       |    | 7  | 23.16 | 0.27 | 21.28 | <=34.77 | Pass |
|       |       |    | 14 | 23.06 | 0.27 | 21.18 | <=34.77 | Pass |
|       |       | 8  | 0  | 22.13 | 0.27 | 20.25 | <=34.77 | Pass |
|       |       |    | 4  | 22.15 | 0.27 | 20.27 | <=34.77 | Pass |
|       |       |    | 7  | 22.11 | 0.27 | 20.23 | <=34.77 | Pass |
|       |       | 15 | 0  | 22.07 | 0.27 | 20.19 | <=34.77 | Pass |
|       | 714.5 | 1  | 0  | 23.13 | 0.27 | 21.25 | <=34.77 | Pass |
|       |       |    | 7  | 23.10 | 0.27 | 21.22 | <=34.77 | Pass |
|       |       |    | 14 | 23.03 | 0.27 | 21.15 | <=34.77 | Pass |
|       |       | 8  | 0  | 22.13 | 0.27 | 20.25 | <=34.77 | Pass |
|       |       |    | 4  | 22.06 | 0.27 | 20.18 | <=34.77 | Pass |
|       |       |    | 7  | 22.07 | 0.27 | 20.19 | <=34.77 | Pass |
|       |       | 15 | 0  | 22.09 | 0.27 | 20.21 | <=34.77 | Pass |
| 16QAM | 700.5 | 1  | 0  | 22.45 | 0.27 | 20.57 | <=34.77 | Pass |
|       |       |    | 7  | 22.39 | 0.27 | 20.51 | <=34.77 | Pass |
|       |       |    | 14 | 22.44 | 0.27 | 20.56 | <=34.77 | Pass |
|       |       | 8  | 0  | 21.28 | 0.27 | 19.40 | <=34.77 | Pass |
|       |       |    | 4  | 21.32 | 0.27 | 19.44 | <=34.77 | Pass |
|       |       |    | 7  | 21.33 | 0.27 | 19.45 | <=34.77 | Pass |
|       |       | 15 | 0  | 21.23 | 0.27 | 19.35 | <=34.77 | Pass |
|       | 707.5 | 1  | 0  | 22.47 | 0.27 | 20.59 | <=34.77 | Pass |
|       |       |    | 7  | 22.43 | 0.27 | 20.55 | <=34.77 | Pass |
|       |       |    | 14 | 22.41 | 0.27 | 20.53 | <=34.77 | Pass |
|       |       | 8  | 0  | 21.30 | 0.27 | 19.42 | <=34.77 | Pass |
|       |       |    | 4  | 21.28 | 0.27 | 19.40 | <=34.77 | Pass |
|       |       |    | 7  | 21.24 | 0.27 | 19.36 | <=34.77 | Pass |
|       |       | 15 | 0  | 21.21 | 0.27 | 19.33 | <=34.77 | Pass |
|       | 714.5 | 1  | 0  | 22.38 | 0.27 | 20.50 | <=34.77 | Pass |
|       |       |    | 7  | 22.29 | 0.27 | 20.41 | <=34.77 | Pass |
|       |       |    | 14 | 22.15 | 0.27 | 20.27 | <=34.77 | Pass |
|       |       | 8  | 0  | 21.20 | 0.27 | 19.32 | <=34.77 | Pass |
|       |       |    | 4  | 21.15 | 0.27 | 19.27 | <=34.77 | Pass |
|       |       |    | 7  | 21.16 | 0.27 | 19.28 | <=34.77 | Pass |
|       |       | 15 | 0  | 21.12 | 0.27 | 19.24 | <=34.77 | Pass |
| 64QAM | 700.5 | 1  | 0  | 21.41 | 0.27 | 19.53 | <=34.77 | Pass |
|       |       |    | 7  | 21.39 | 0.27 | 19.51 | <=34.77 | Pass |
|       |       |    | 14 | 21.37 | 0.27 | 19.49 | <=34.77 | Pass |
|       |       | 8  | 0  | 20.47 | 0.27 | 18.59 | <=34.77 | Pass |
|       |       |    | 4  | 20.42 | 0.27 | 18.54 | <=34.77 | Pass |
|       |       |    | 7  | 20.46 | 0.27 | 18.58 | <=34.77 | Pass |
|       |       | 15 | 0  | 20.41 | 0.27 | 18.53 | <=34.77 | Pass |
|       | 707.5 | 1  | 0  | 21.35 | 0.27 | 19.47 | <=34.77 | Pass |
|       |       |    | 7  | 21.51 | 0.27 | 19.63 | <=34.77 | Pass |
|       |       |    | 14 | 21.32 | 0.27 | 19.44 | <=34.77 | Pass |
|       |       | 8  | 0  | 20.39 | 0.27 | 18.51 | <=34.77 | Pass |
|       |       |    | 4  | 20.42 | 0.27 | 18.54 | <=34.77 | Pass |
|       |       |    | 7  | 20.37 | 0.27 | 18.49 | <=34.77 | Pass |
|       |       | 15 | 0  | 20.29 | 0.27 | 18.41 | <=34.77 | Pass |
|       | 714.5 | 1  | 0  | 21.25 | 0.27 | 19.37 | <=34.77 | Pass |
|       |       |    | 7  | 21.18 | 0.27 | 19.30 | <=34.77 | Pass |
|       |       |    | 14 | 21.05 | 0.27 | 19.17 | <=34.77 | Pass |
|       |       | 8  | 0  | 20.30 | 0.27 | 18.42 | <=34.77 | Pass |

|        |       |    |    |       |      |       |         |      |
|--------|-------|----|----|-------|------|-------|---------|------|
| 256QAM | 700.5 | 15 | 4  | 20.21 | 0.27 | 18.33 | <=34.77 | Pass |
|        |       |    | 7  | 20.23 | 0.27 | 18.35 | <=34.77 | Pass |
|        |       |    | 0  | 20.19 | 0.27 | 18.31 | <=34.77 | Pass |
|        | 700.5 | 1  | 0  | 18.51 | 0.27 | 16.63 | <=34.77 | Pass |
|        |       |    | 7  | 18.49 | 0.27 | 16.61 | <=34.77 | Pass |
|        |       |    | 14 | 18.45 | 0.27 | 16.57 | <=34.77 | Pass |
|        |       | 8  | 0  | 18.38 | 0.27 | 16.50 | <=34.77 | Pass |
|        |       |    | 4  | 18.35 | 0.27 | 16.47 | <=34.77 | Pass |
|        |       |    | 7  | 18.39 | 0.27 | 16.51 | <=34.77 | Pass |
|        |       | 15 | 0  | 18.29 | 0.27 | 16.41 | <=34.77 | Pass |
|        | 707.5 | 1  | 0  | 18.49 | 0.27 | 16.61 | <=34.77 | Pass |
|        |       |    | 7  | 18.54 | 0.27 | 16.66 | <=34.77 | Pass |
|        |       |    | 14 | 18.50 | 0.27 | 16.62 | <=34.77 | Pass |
|        |       | 8  | 0  | 18.39 | 0.27 | 16.51 | <=34.77 | Pass |
|        |       |    | 4  | 18.42 | 0.27 | 16.54 | <=34.77 | Pass |
|        |       |    | 7  | 18.31 | 0.27 | 16.43 | <=34.77 | Pass |
|        |       | 15 | 0  | 18.29 | 0.27 | 16.41 | <=34.77 | Pass |
|        | 714.5 | 1  | 0  | 18.29 | 0.27 | 16.41 | <=34.77 | Pass |
|        |       |    | 7  | 18.26 | 0.27 | 16.38 | <=34.77 | Pass |
|        |       |    | 14 | 18.27 | 0.27 | 16.39 | <=34.77 | Pass |
|        |       | 8  | 0  | 18.24 | 0.27 | 16.36 | <=34.77 | Pass |
|        |       |    | 4  | 18.16 | 0.27 | 16.28 | <=34.77 | Pass |
|        |       |    | 7  | 18.20 | 0.27 | 16.32 | <=34.77 | Pass |
|        |       | 15 | 0  | 18.24 | 0.27 | 16.36 | <=34.77 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.3 B12\_5MHz\_ERP

| Band: 12 / Bandwidth: 5MHz / NTNv |                 |               |        |                       |            |           |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                              | 701.5           | 1             | 0      | 23.26                 | 0.27       | 21.38     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.30                 | 0.27       | 21.42     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 23.34                 | 0.27       | 21.46     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 22.31                 | 0.27       | 20.43     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 22.30                 | 0.27       | 20.42     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.17                 | 0.27       | 20.29     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 22.17                 | 0.27       | 20.29     | <=34.77 | Pass    |
|                                   | 707.5           | 1             | 0      | 23.22                 | 0.27       | 21.34     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.13                 | 0.27       | 21.25     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 23.11                 | 0.27       | 21.23     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 22.13                 | 0.27       | 20.25     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 22.18                 | 0.27       | 20.30     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.03                 | 0.27       | 20.15     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 22.10                 | 0.27       | 20.22     | <=34.77 | Pass    |
|                                   | 713.5           | 1             | 0      | 23.09                 | 0.27       | 21.21     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 23.03                 | 0.27       | 21.15     | <=34.77 | Pass    |
|                                   |                 |               | 24     | 22.99                 | 0.27       | 21.11     | <=34.77 | Pass    |
|                                   |                 | 12            | 0      | 22.14                 | 0.27       | 20.26     | <=34.77 | Pass    |
|                                   |                 |               | 6      | 22.16                 | 0.27       | 20.28     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.08                 | 0.27       | 20.20     | <=34.77 | Pass    |
|                                   |                 | 25            | 0      | 22.08                 | 0.27       | 20.20     | <=34.77 | Pass    |
| 16QAM                             | 701.5           | 1             | 0      | 22.49                 | 0.27       | 20.61     | <=34.77 | Pass    |
|                                   |                 |               | 13     | 22.43                 | 0.27       | 20.55     | <=34.77 | Pass    |

|        |       |    |    |       |      |       |         |      |
|--------|-------|----|----|-------|------|-------|---------|------|
|        |       | 12 | 24 | 22.53 | 0.27 | 20.65 | <=34.77 | Pass |
|        |       |    | 0  | 21.13 | 0.27 | 19.25 | <=34.77 | Pass |
|        |       |    | 6  | 21.28 | 0.27 | 19.40 | <=34.77 | Pass |
|        |       |    | 13 | 21.19 | 0.27 | 19.31 | <=34.77 | Pass |
|        | 25    | 1  | 0  | 21.28 | 0.27 | 19.40 | <=34.77 | Pass |
|        |       |    | 0  | 22.44 | 0.27 | 20.56 | <=34.77 | Pass |
|        |       |    | 13 | 22.46 | 0.27 | 20.58 | <=34.77 | Pass |
|        |       |    | 24 | 22.37 | 0.27 | 20.49 | <=34.77 | Pass |
|        | 707.5 | 12 | 0  | 21.27 | 0.27 | 19.39 | <=34.77 | Pass |
|        |       |    | 6  | 21.22 | 0.27 | 19.34 | <=34.77 | Pass |
|        |       |    | 13 | 21.15 | 0.27 | 19.27 | <=34.77 | Pass |
|        |       |    | 25 | 21.22 | 0.27 | 19.34 | <=34.77 | Pass |
|        | 713.5 | 1  | 0  | 22.34 | 0.27 | 20.46 | <=34.77 | Pass |
|        |       |    | 13 | 22.30 | 0.27 | 20.42 | <=34.77 | Pass |
|        |       |    | 24 | 22.25 | 0.27 | 20.37 | <=34.77 | Pass |
|        |       |    | 0  | 21.20 | 0.27 | 19.32 | <=34.77 | Pass |
|        |       | 12 | 6  | 21.12 | 0.27 | 19.24 | <=34.77 | Pass |
|        |       |    | 13 | 21.11 | 0.27 | 19.23 | <=34.77 | Pass |
|        |       |    | 25 | 21.14 | 0.27 | 19.26 | <=34.77 | Pass |
|        |       | 1  | 0  | 21.34 | 0.27 | 19.46 | <=34.77 | Pass |
|        |       |    | 13 | 21.37 | 0.27 | 19.49 | <=34.77 | Pass |
|        |       |    | 24 | 21.39 | 0.27 | 19.51 | <=34.77 | Pass |
|        |       |    | 0  | 20.51 | 0.27 | 18.63 | <=34.77 | Pass |
| 64QAM  | 701.5 | 12 | 6  | 20.48 | 0.27 | 18.60 | <=34.77 | Pass |
|        |       |    | 13 | 20.50 | 0.27 | 18.62 | <=34.77 | Pass |
|        |       |    | 25 | 20.49 | 0.27 | 18.61 | <=34.77 | Pass |
|        |       |    | 0  | 21.35 | 0.27 | 19.47 | <=34.77 | Pass |
|        | 707.5 | 1  | 13 | 21.31 | 0.27 | 19.43 | <=34.77 | Pass |
|        |       |    | 24 | 21.24 | 0.27 | 19.36 | <=34.77 | Pass |
|        |       |    | 0  | 20.38 | 0.27 | 18.50 | <=34.77 | Pass |
|        |       |    | 6  | 20.48 | 0.27 | 18.60 | <=34.77 | Pass |
|        | 713.5 | 12 | 13 | 20.32 | 0.27 | 18.44 | <=34.77 | Pass |
|        |       |    | 25 | 20.40 | 0.27 | 18.52 | <=34.77 | Pass |
|        |       |    | 0  | 21.32 | 0.27 | 19.44 | <=34.77 | Pass |
|        |       |    | 13 | 21.16 | 0.27 | 19.28 | <=34.77 | Pass |
|        |       | 1  | 24 | 21.16 | 0.27 | 19.28 | <=34.77 | Pass |
|        |       |    | 0  | 20.26 | 0.27 | 18.38 | <=34.77 | Pass |
|        |       |    | 6  | 20.31 | 0.27 | 18.43 | <=34.77 | Pass |
|        |       |    | 13 | 20.24 | 0.27 | 18.36 | <=34.77 | Pass |
|        |       | 12 | 25 | 20.27 | 0.27 | 18.39 | <=34.77 | Pass |
|        |       |    | 0  | 18.45 | 0.27 | 16.57 | <=34.77 | Pass |
|        |       |    | 13 | 18.52 | 0.27 | 16.64 | <=34.77 | Pass |
|        |       |    | 24 | 18.49 | 0.27 | 16.61 | <=34.77 | Pass |
| 256QAM | 701.5 | 12 | 0  | 18.37 | 0.27 | 16.49 | <=34.77 | Pass |
|        |       |    | 6  | 18.41 | 0.27 | 16.53 | <=34.77 | Pass |
|        |       |    | 13 | 18.36 | 0.27 | 16.48 | <=34.77 | Pass |
|        |       |    | 25 | 18.43 | 0.27 | 16.55 | <=34.77 | Pass |
|        | 707.5 | 1  | 0  | 18.52 | 0.27 | 16.64 | <=34.77 | Pass |
|        |       |    | 13 | 18.47 | 0.27 | 16.59 | <=34.77 | Pass |
|        |       |    | 24 | 18.41 | 0.27 | 16.53 | <=34.77 | Pass |
|        |       |    | 0  | 18.36 | 0.27 | 16.48 | <=34.77 | Pass |
|        | 713.5 | 12 | 6  | 18.13 | 0.27 | 16.25 | <=34.77 | Pass |
|        |       |    | 13 | 17.99 | 0.27 | 16.11 | <=34.77 | Pass |
|        |       |    | 25 | 18.17 | 0.27 | 16.29 | <=34.77 | Pass |
|        |       |    | 0  | 18.40 | 0.27 | 16.52 | <=34.77 | Pass |
|        |       | 1  | 13 | 18.34 | 0.27 | 16.46 | <=34.77 | Pass |

|  |    |    |       |      |       |         |      |
|--|----|----|-------|------|-------|---------|------|
|  |    | 24 | 18.25 | 0.27 | 16.37 | <=34.77 | Pass |
|  | 12 | 0  | 18.26 | 0.27 | 16.38 | <=34.77 | Pass |
|  |    | 6  | 18.24 | 0.27 | 16.36 | <=34.77 | Pass |
|  |    | 13 | 18.21 | 0.27 | 16.33 | <=34.77 | Pass |
|  | 25 | 0  | 18.22 | 0.27 | 16.34 | <=34.77 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

#### 1.1.4 B12\_10MHz\_ERP

| Band: 12 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 704             | 1             | 0      | 23.19                 | 0.27       | 21.31     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.37                 | 0.27       | 21.49     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 23.18                 | 0.27       | 21.30     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 22.31                 | 0.27       | 20.43     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 22.26                 | 0.27       | 20.38     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.29                 | 0.27       | 20.41     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 22.31                 | 0.27       | 20.43     | <=34.77 | Pass    |
|                                    | 707.5           | 1             | 0      | 23.31                 | 0.27       | 21.43     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.25                 | 0.27       | 21.37     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 23.14                 | 0.27       | 21.26     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 22.30                 | 0.27       | 20.42     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 22.25                 | 0.27       | 20.37     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.17                 | 0.27       | 20.29     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 22.23                 | 0.27       | 20.35     | <=34.77 | Pass    |
|                                    | 711             | 1             | 0      | 23.21                 | 0.27       | 21.33     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 23.16                 | 0.27       | 21.28     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 23.02                 | 0.27       | 21.14     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 22.36                 | 0.27       | 20.48     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 22.22                 | 0.27       | 20.34     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.20                 | 0.27       | 20.32     | <=34.77 | Pass    |
| 16QAM                              | 704             | 1             | 0      | 22.41                 | 0.27       | 20.53     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.47                 | 0.27       | 20.59     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 22.32                 | 0.27       | 20.44     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 21.21                 | 0.27       | 19.33     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 21.24                 | 0.27       | 19.36     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.25                 | 0.27       | 19.37     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.27                 | 0.27       | 19.39     | <=34.77 | Pass    |
|                                    | 707.5           | 1             | 0      | 22.63                 | 0.27       | 20.75     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.40                 | 0.27       | 20.52     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 22.28                 | 0.27       | 20.40     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 21.23                 | 0.27       | 19.35     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 21.21                 | 0.27       | 19.33     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.16                 | 0.27       | 19.28     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.21                 | 0.27       | 19.33     | <=34.77 | Pass    |
|                                    | 711             | 1             | 0      | 22.48                 | 0.27       | 20.60     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 22.46                 | 0.27       | 20.58     | <=34.77 | Pass    |
|                                    |                 |               | 49     | 22.21                 | 0.27       | 20.33     | <=34.77 | Pass    |
|                                    |                 | 25            | 0      | 21.26                 | 0.27       | 19.38     | <=34.77 | Pass    |
|                                    |                 |               | 13     | 21.18                 | 0.27       | 19.30     | <=34.77 | Pass    |
|                                    |                 |               | 25     | 21.17                 | 0.27       | 19.29     | <=34.77 | Pass    |
|                                    |                 | 50            | 0      | 21.30                 | 0.27       | 19.42     | <=34.77 | Pass    |

|                                              |       |       |    |       |       |       |         |         |      |
|----------------------------------------------|-------|-------|----|-------|-------|-------|---------|---------|------|
| 64QAM                                        | 704   | 1     | 0  | 21.38 | 0.27  | 19.50 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 21.41 | 0.27  | 19.53 | <=34.77 | Pass    |      |
|                                              |       |       | 49 | 21.26 | 0.27  | 19.38 | <=34.77 | Pass    |      |
|                                              |       | 25    | 0  | 20.46 | 0.27  | 18.58 | <=34.77 | Pass    |      |
|                                              |       |       | 13 | 20.45 | 0.27  | 18.57 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 20.45 | 0.27  | 18.57 | <=34.77 | Pass    |      |
|                                              |       | 50    | 0  | 20.43 | 0.27  | 18.55 | <=34.77 | Pass    |      |
|                                              |       | 707.5 | 1  | 0     | 21.38 | 0.27  | 19.50   | <=34.77 | Pass |
|                                              |       |       |    | 25    | 21.38 | 0.27  | 19.50   | <=34.77 | Pass |
|                                              | 49    |       |    | 21.15 | 0.27  | 19.27 | <=34.77 | Pass    |      |
|                                              | 25    |       | 0  | 20.48 | 0.27  | 18.60 | <=34.77 | Pass    |      |
|                                              |       |       | 13 | 20.39 | 0.27  | 18.51 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 20.34 | 0.27  | 18.46 | <=34.77 | Pass    |      |
|                                              | 50    |       | 0  | 20.26 | 0.27  | 18.38 | <=34.77 | Pass    |      |
|                                              | 711   |       | 1  | 0     | 21.31 | 0.27  | 19.43   | <=34.77 | Pass |
|                                              |       |       |    | 25    | 21.25 | 0.27  | 19.37   | <=34.77 | Pass |
|                                              |       | 49    |    | 21.12 | 0.27  | 19.24 | <=34.77 | Pass    |      |
|                                              |       | 25    | 0  | 20.51 | 0.27  | 18.63 | <=34.77 | Pass    |      |
|                                              |       |       | 13 | 20.36 | 0.27  | 18.48 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 20.40 | 0.27  | 18.52 | <=34.77 | Pass    |      |
|                                              |       | 50    | 0  | 20.46 | 0.27  | 18.58 | <=34.77 | Pass    |      |
| 256QAM                                       |       | 704   | 1  | 0     | 18.52 | 0.27  | 16.64   | <=34.77 | Pass |
|                                              |       |       |    | 25    | 18.53 | 0.27  | 16.65   | <=34.77 | Pass |
|                                              | 49    |       |    | 18.42 | 0.27  | 16.54 | <=34.77 | Pass    |      |
|                                              | 25    |       | 0  | 18.44 | 0.27  | 16.56 | <=34.77 | Pass    |      |
|                                              |       |       | 13 | 18.38 | 0.27  | 16.50 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 18.42 | 0.27  | 16.54 | <=34.77 | Pass    |      |
|                                              | 50    |       | 0  | 18.40 | 0.27  | 16.52 | <=34.77 | Pass    |      |
|                                              | 707.5 |       | 1  | 0     | 18.52 | 0.27  | 16.64   | <=34.77 | Pass |
|                                              |       |       |    | 25    | 18.39 | 0.27  | 16.51   | <=34.77 | Pass |
|                                              |       | 49    |    | 18.13 | 0.27  | 16.25 | <=34.77 | Pass    |      |
|                                              |       | 25    | 0  | 18.29 | 0.27  | 16.41 | <=34.77 | Pass    |      |
|                                              |       |       | 13 | 18.39 | 0.27  | 16.51 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 18.28 | 0.27  | 16.40 | <=34.77 | Pass    |      |
|                                              |       | 50    | 0  | 18.31 | 0.27  | 16.43 | <=34.77 | Pass    |      |
|                                              |       | 711   | 1  | 0     | 18.48 | 0.27  | 16.60   | <=34.77 | Pass |
|                                              |       |       |    | 25    | 18.34 | 0.27  | 16.46   | <=34.77 | Pass |
|                                              | 49    |       |    | 18.24 | 0.27  | 16.36 | <=34.77 | Pass    |      |
|                                              | 25    |       | 0  | 18.48 | 0.27  | 16.60 | <=34.77 | Pass    |      |
|                                              |       |       | 13 | 18.29 | 0.27  | 16.41 | <=34.77 | Pass    |      |
|                                              |       |       | 25 | 18.29 | 0.27  | 16.41 | <=34.77 | Pass    |      |
|                                              | 50    |       | 0  | 18.38 | 0.27  | 16.50 | <=34.77 | Pass    |      |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |       |       |    |       |       |       |         |         |      |

- End of the Appendix -