

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B66\_1.4MHz\_EIRP

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | 21.96                 | 1.56       | 23.52      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.82                 | 1.56       | 23.38      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.37                 | 1.56       | 22.93      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.56                 | 1.56       | 23.12      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.46                 | 1.56       | 23.02      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.76                 | 1.56       | 22.32      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.1                  | 1.56       | 23.66      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.95                 | 1.56       | 23.51      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.33                 | 1.56       | 22.89      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.29                 | 1.56       | 22.85      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.74                 | 1.56       | 22.3       | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 21.57                 | 1.56       | 23.13      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.66                 | 1.56       | 23.22      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.97                 | 1.56       | 23.53      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.6                  | 1.56       | 23.16      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.67                 | 1.56       | 23.23      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.54                 | 1.56       | 23.1       | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21                    | 1.56       | 22.56      | <=30  | Pass    |
| 16QAM                               | 1710.7          | 1             | 0      | 21.46                 | 1.56       | 23.02      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.14                 | 1.56       | 22.7       | <=30  | Pass    |
|                                     |                 |               | 5      | 21.22                 | 1.56       | 22.78      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.83                 | 1.56       | 22.39      | <=30  | Pass    |
|                                     |                 |               | 3      | 20.74                 | 1.56       | 22.3       | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.35                 | 1.56       | 21.91      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 20.98                 | 1.56       | 22.54      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.08                 | 1.56       | 22.64      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.39                 | 1.56       | 22.95      | <=30  | Pass    |
|                                     |                 |               | 3      | 20.83                 | 1.56       | 22.39      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 19.95                 | 1.56       | 21.51      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 21.25                 | 1.56       | 22.81      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.16                 | 1.56       | 22.72      | <=30  | Pass    |
|                                     |                 |               | 2      | 20.68                 | 1.56       | 22.24      | <=30  | Pass    |
|                                     |                 |               | 3      | 20.77                 | 1.56       | 22.33      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 19.79                 | 1.56       | 21.35      | <=30  | Pass    |
| 64QAM                               | 1710.7          | 1             | 0      | 21.07                 | 1.56       | 22.63      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.5                  | 1.56       | 23.06      | <=30  | Pass    |
|                                     |                 |               | 5      | 20.78                 | 1.56       | 22.34      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.14                 | 1.56       | 22.7       | <=30  | Pass    |
|                                     |                 |               | 2      | 21.09                 | 1.56       | 22.65      | <=30  | Pass    |
|                                     |                 |               | 3      | 20.68                 | 1.56       | 22.24      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.06                 | 1.56       | 21.62      | <=30  | Pass    |

|                                          |        |        |        |       |       |       |       |       |      |      |
|------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|------|------|
| 256QAM                                   | 1745   | 1      | 0      | 21.26 | 1.56  | 22.82 | <=30  | Pass  |      |      |
|                                          |        |        | 2      | 21.38 | 1.56  | 22.94 | <=30  | Pass  |      |      |
|                                          |        |        | 5      | 20.78 | 1.56  | 22.34 | <=30  | Pass  |      |      |
|                                          |        | 3      | 0      | 20.79 | 1.56  | 22.35 | <=30  | Pass  |      |      |
|                                          |        |        | 2      | 21.11 | 1.56  | 22.67 | <=30  | Pass  |      |      |
|                                          |        |        | 3      | 21.14 | 1.56  | 22.7  | <=30  | Pass  |      |      |
|                                          |        | 6      | 0      | 19.91 | 1.56  | 21.47 | <=30  | Pass  |      |      |
|                                          |        | 1779.3 | 1      | 0     | 21.03 | 1.56  | 22.59 | <=30  | Pass |      |
|                                          |        |        |        | 2     | 20.99 | 1.56  | 22.55 | <=30  | Pass |      |
|                                          | 5      |        |        | 20.7  | 1.56  | 22.26 | <=30  | Pass  |      |      |
|                                          | 3      |        | 0      | 20.88 | 1.56  | 22.44 | <=30  | Pass  |      |      |
|                                          |        |        | 2      | 21.24 | 1.56  | 22.8  | <=30  | Pass  |      |      |
|                                          |        |        | 3      | 21    | 1.56  | 22.56 | <=30  | Pass  |      |      |
|                                          | 6      |        | 0      | 19.66 | 1.56  | 21.22 | <=30  | Pass  |      |      |
|                                          | 256QAM |        | 1710.7 | 1     | 0     | 16.89 | 1.56  | 18.45 | <=30 | Pass |
|                                          |        |        |        |       | 2     | 16.85 | 1.56  | 18.41 | <=30 | Pass |
|                                          |        | 5      |        |       | 17    | 1.56  | 18.56 | <=30  | Pass |      |
|                                          |        | 3      |        | 0     | 17.05 | 1.56  | 18.61 | <=30  | Pass |      |
| 2                                        |        |        |        | 16.71 | 1.56  | 18.27 | <=30  | Pass  |      |      |
| 3                                        |        |        |        | 17.38 | 1.56  | 18.94 | <=30  | Pass  |      |      |
| 6                                        |        | 0      |        | 17.13 | 1.56  | 18.69 | <=30  | Pass  |      |      |
| 1745                                     |        | 1      |        | 0     | 17.16 | 1.56  | 18.72 | <=30  | Pass |      |
|                                          |        |        |        | 2     | 17.35 | 1.56  | 18.91 | <=30  | Pass |      |
|                                          |        |        | 5      | 17.32 | 1.56  | 18.88 | <=30  | Pass  |      |      |
|                                          |        | 3      | 0      | 16.88 | 1.56  | 18.44 | <=30  | Pass  |      |      |
|                                          |        |        | 2      | 17.16 | 1.56  | 18.72 | <=30  | Pass  |      |      |
|                                          |        |        | 3      | 16.7  | 1.56  | 18.26 | <=30  | Pass  |      |      |
| 6                                        |        | 0      | 17.02  | 1.56  | 18.58 | <=30  | Pass  |       |      |      |
| 1779.3                                   |        | 1      | 0      | 17.3  | 1.56  | 18.86 | <=30  | Pass  |      |      |
|                                          |        |        | 2      | 17.15 | 1.56  | 18.71 | <=30  | Pass  |      |      |
|                                          |        |        | 5      | 16.95 | 1.56  | 18.51 | <=30  | Pass  |      |      |
|                                          |        | 3      | 0      | 17.12 | 1.56  | 18.68 | <=30  | Pass  |      |      |
|                                          | 2      |        | 17.25  | 1.56  | 18.81 | <=30  | Pass  |       |      |      |
|                                          | 3      |        | 17.11  | 1.56  | 18.67 | <=30  | Pass  |       |      |      |
|                                          | 6      | 0      | 16.97  | 1.56  | 18.53 | <=30  | Pass  |       |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |       |       |      |      |

### 1.1.2 B66\_3MHz\_EIRP

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1711.5          | 1             | 0      | 21.57                 | 1.56       | 23.13      | <=30  | Pass    |
|                                   |                 |               | 7      | 22.02                 | 1.56       | 23.58      | <=30  | Pass    |
|                                   |                 |               | 14     | 21.83                 | 1.56       | 23.39      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.82                 | 1.56       | 22.38      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.49                 | 1.56       | 23.05      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 21.05                 | 1.56       | 22.61      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 21.14                 | 1.56       | 22.7       | <=30  | Pass    |
|                                   |                 |               | 7      | 21.54                 | 1.56       | 23.1       | <=30  | Pass    |
|                                   |                 |               | 14     | 21.61                 | 1.56       | 23.17      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.7                  | 1.56       | 22.26      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.26                 | 1.56       | 22.82      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 21.05                 | 1.56       | 22.61      | <=30  | Pass    |
|                                   | 1778.5          | 1             | 0      | 21.79                 | 1.56       | 23.35      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.76                 | 1.56       | 23.32      | <=30  | Pass    |
|                                   |                 |               | 14     | 21.5                  | 1.56       | 23.06      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 21.1                  | 1.56       | 22.66      | <=30  | Pass    |
|                                   |                 |               | 4      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.04                 | 1.56       | 22.6       | <=30  | Pass    |
|                                   |                 | 15            | 0      | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
| 16QAM                             | 1711.5          | 1             | 0      | 21.14                 | 1.56       | 22.7       | <=30  | Pass    |
|                                   |                 |               | 7      | 21.83                 | 1.56       | 23.39      | <=30  | Pass    |
|                                   |                 |               | 14     | 20.94                 | 1.56       | 22.5       | <=30  | Pass    |
|                                   |                 | 8             | 0      | 20.58                 | 1.56       | 22.14      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.36                 | 1.56       | 21.92      | <=30  | Pass    |
|                                   |                 |               | 7      | 20.15                 | 1.56       | 21.71      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 19.9                  | 1.56       | 21.46      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 20.86                 | 1.56       | 22.42      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.63                 | 1.56       | 23.19      | <=30  | Pass    |
|                                   |                 |               | 14     | 21.52                 | 1.56       | 23.08      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 19.73                 | 1.56       | 21.29      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.53                 | 1.56       | 22.09      | <=30  | Pass    |
|                                   |                 |               | 7      | 20.26                 | 1.56       | 21.82      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 19.84                 | 1.56       | 21.4       | <=30  | Pass    |
|                                   | 1778.5          | 1             | 0      | 20.92                 | 1.56       | 22.48      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.43                 | 1.56       | 22.99      | <=30  | Pass    |
|                                   |                 |               | 14     | 21.05                 | 1.56       | 22.61      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 20.11                 | 1.56       | 21.67      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.22                 | 1.56       | 21.78      | <=30  | Pass    |
|                                   |                 |               | 7      | 19.76                 | 1.56       | 21.32      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 20.07                 | 1.56       | 21.63      | <=30  | Pass    |
| 64QAM                             | 1711.5          | 1             | 0      | 21.19                 | 1.56       | 22.75      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.23                 | 1.56       | 22.79      | <=30  | Pass    |
|                                   |                 |               | 14     | 20.9                  | 1.56       | 22.46      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 19.79                 | 1.56       | 21.35      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.26                 | 1.56       | 21.82      | <=30  | Pass    |
|                                   |                 |               | 7      | 19.92                 | 1.56       | 21.48      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 20.25                 | 1.56       | 21.81      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 20.9                  | 1.56       | 22.46      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.29                 | 1.56       | 22.85      | <=30  | Pass    |
|                                   |                 |               | 14     | 21.27                 | 1.56       | 22.83      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 19.81                 | 1.56       | 21.37      | <=30  | Pass    |
|                                   |                 |               | 4      | 20.3                  | 1.56       | 21.86      | <=30  | Pass    |

|                                          |        |        |       |       |       |       |       |      |
|------------------------------------------|--------|--------|-------|-------|-------|-------|-------|------|
|                                          |        |        | 7     | 20.04 | 1.56  | 21.6  | <=30  | Pass |
|                                          |        | 15     | 0     | 19.9  | 1.56  | 21.46 | <=30  | Pass |
|                                          | 1778.5 | 1      | 0     | 21.25 | 1.56  | 22.81 | <=30  | Pass |
|                                          |        |        | 7     | 20.7  | 1.56  | 22.26 | <=30  | Pass |
|                                          |        |        | 14    | 21.2  | 1.56  | 22.76 | <=30  | Pass |
|                                          |        | 8      | 0     | 20.16 | 1.56  | 21.72 | <=30  | Pass |
|                                          |        |        | 4     | 20.02 | 1.56  | 21.58 | <=30  | Pass |
|                                          |        |        | 7     | 20.43 | 1.56  | 21.99 | <=30  | Pass |
|                                          |        | 15     | 0     | 20.3  | 1.56  | 21.86 | <=30  | Pass |
|                                          | 256QAM | 1711.5 | 1     | 0     | 17.47 | 1.56  | 19.03 | <=30 |
| 7                                        |        |        |       | 17.58 | 1.56  | 19.14 | <=30  | Pass |
| 14                                       |        |        |       | 17.03 | 1.56  | 18.59 | <=30  | Pass |
| 8                                        |        |        | 0     | 17.36 | 1.56  | 18.92 | <=30  | Pass |
|                                          |        |        | 4     | 17.29 | 1.56  | 18.85 | <=30  | Pass |
|                                          |        |        | 7     | 16.9  | 1.56  | 18.46 | <=30  | Pass |
|                                          |        |        | 15    | 0     | 17.09 | 1.56  | 18.65 | <=30 |
| 1745                                     |        | 1      | 0     | 16.61 | 1.56  | 18.17 | <=30  | Pass |
|                                          |        |        | 7     | 17.43 | 1.56  | 18.99 | <=30  | Pass |
|                                          |        |        | 14    | 17.06 | 1.56  | 18.62 | <=30  | Pass |
|                                          |        | 8      | 0     | 17.15 | 1.56  | 18.71 | <=30  | Pass |
|                                          |        |        | 4     | 16.76 | 1.56  | 18.32 | <=30  | Pass |
|                                          |        |        | 7     | 16.77 | 1.56  | 18.33 | <=30  | Pass |
|                                          |        | 15     | 0     | 16.7  | 1.56  | 18.26 | <=30  | Pass |
| 1778.5                                   |        | 1      | 0     | 16.87 | 1.56  | 18.43 | <=30  | Pass |
|                                          |        |        | 7     | 16.79 | 1.56  | 18.35 | <=30  | Pass |
|                                          |        |        | 14    | 17    | 1.56  | 18.56 | <=30  | Pass |
|                                          |        | 8      | 0     | 17.11 | 1.56  | 18.67 | <=30  | Pass |
|                                          |        |        | 4     | 17.11 | 1.56  | 18.67 | <=30  | Pass |
|                                          |        |        | 7     | 17.04 | 1.56  | 18.6  | <=30  | Pass |
|                                          | 15     | 0      | 17.16 | 1.56  | 18.72 | <=30  | Pass  |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |       |       |       |       |      |

### 1.1.3 B66\_5MHz\_EIRP

| Band: 66 / Bandwidth: 5MHz / NTV |                 |               |        |                       |            |            |       |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                             | 1712.5          | 1             | 0      | 21.9                  | 1.56       | 23.46      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.98                 | 1.56       | 23.54      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.54                 | 1.56       | 23.1       | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.35                 | 1.56       | 22.91      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.97                 | 1.56       | 22.53      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.13                 | 1.56       | 22.69      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.34                 | 1.56       | 22.9       | <=30  | Pass    |
|                                  | 1745            | 1             | 0      | 21.9                  | 1.56       | 23.46      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.72                 | 1.56       | 23.28      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.95                 | 1.56       | 23.51      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.05                 | 1.56       | 22.61      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.2                  | 1.56       | 22.76      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.98                 | 1.56       | 22.54      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.57                 | 1.56       | 22.13      | <=30  | Pass    |
|                                  | 1777.5          | 1             | 0      | 21.85                 | 1.56       | 23.41      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.93                 | 1.56       | 23.49      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.58                 | 1.56       | 23.14      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.9                  | 1.56       | 22.46      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.67                 | 1.56       | 22.23      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.75                 | 1.56       | 22.31      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.79                 | 1.56       | 22.35      | <=30  | Pass    |
| 16QAM                            | 1712.5          | 1             | 0      | 21.71                 | 1.56       | 23.27      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.58                 | 1.56       | 23.14      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.35                 | 1.56       | 21.91      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.06                 | 1.56       | 21.62      | <=30  | Pass    |
|                                  |                 |               | 13     | 19.93                 | 1.56       | 21.49      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 19.73                 | 1.56       | 21.29      | <=30  | Pass    |
|                                  | 1745            | 1             | 0      | 21.61                 | 1.56       | 23.17      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.58                 | 1.56       | 23.14      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.57                 | 1.56       | 23.13      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.15                 | 1.56       | 21.71      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.19                 | 1.56       | 21.75      | <=30  | Pass    |
|                                  |                 |               | 13     | 19.98                 | 1.56       | 21.54      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.06                 | 1.56       | 21.62      | <=30  | Pass    |
|                                  | 1777.5          | 1             | 0      | 21.59                 | 1.56       | 23.15      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.19                 | 1.56       | 22.75      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.26                 | 1.56       | 22.82      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.14                 | 1.56       | 21.7       | <=30  | Pass    |
|                                  |                 |               | 6      | 19.88                 | 1.56       | 21.44      | <=30  | Pass    |
|                                  |                 |               | 13     | 19.94                 | 1.56       | 21.5       | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.26                 | 1.56       | 21.82      | <=30  | Pass    |
| 64QAM                            | 1712.5          | 1             | 0      | 20.87                 | 1.56       | 22.43      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.09                 | 1.56       | 22.65      | <=30  | Pass    |
|                                  |                 |               | 24     | 21.37                 | 1.56       | 22.93      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.07                 | 1.56       | 21.63      | <=30  | Pass    |
|                                  |                 |               | 6      | 20.42                 | 1.56       | 21.98      | <=30  | Pass    |
|                                  |                 |               | 13     | 20.37                 | 1.56       | 21.93      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 20.07                 | 1.56       | 21.63      | <=30  | Pass    |
|                                  | 1745            | 1             | 0      | 21.31                 | 1.56       | 22.87      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.03                 | 1.56       | 22.59      | <=30  | Pass    |
|                                  |                 |               | 24     | 20.71                 | 1.56       | 22.27      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 20.24                 | 1.56       | 21.8       | <=30  | Pass    |
|                                  |                 |               | 6      | 20.25                 | 1.56       | 21.81      | <=30  | Pass    |

|                                          |        |        |       |       |       |       |      |      |
|------------------------------------------|--------|--------|-------|-------|-------|-------|------|------|
|                                          |        |        | 13    | 19.92 | 1.56  | 21.48 | <=30 | Pass |
|                                          |        | 25     | 0     | 20.12 | 1.56  | 21.68 | <=30 | Pass |
|                                          | 1777.5 | 1      | 0     | 21.06 | 1.56  | 22.62 | <=30 | Pass |
|                                          |        |        | 13    | 21.09 | 1.56  | 22.65 | <=30 | Pass |
|                                          |        |        | 24    | 21.01 | 1.56  | 22.57 | <=30 | Pass |
|                                          |        | 12     | 0     | 19.71 | 1.56  | 21.27 | <=30 | Pass |
|                                          |        |        | 6     | 19.9  | 1.56  | 21.46 | <=30 | Pass |
|                                          |        |        | 13    | 20.03 | 1.56  | 21.59 | <=30 | Pass |
|                                          |        | 25     | 0     | 19.66 | 1.56  | 21.22 | <=30 | Pass |
|                                          | 256QAM | 1712.5 | 1     | 0     | 16.94 | 1.56  | 18.5 | <=30 |
| 13                                       |        |        |       | 17.46 | 1.56  | 19.02 | <=30 | Pass |
| 24                                       |        |        |       | 16.84 | 1.56  | 18.4  | <=30 | Pass |
| 12                                       |        |        | 0     | 17.07 | 1.56  | 18.63 | <=30 | Pass |
|                                          |        |        | 6     | 17.09 | 1.56  | 18.65 | <=30 | Pass |
|                                          |        |        | 13    | 17.02 | 1.56  | 18.58 | <=30 | Pass |
| 25                                       |        |        | 0     | 16.61 | 1.56  | 18.17 | <=30 | Pass |
| 1745                                     |        | 1      | 0     | 16.97 | 1.56  | 18.53 | <=30 | Pass |
|                                          |        |        | 13    | 16.94 | 1.56  | 18.5  | <=30 | Pass |
|                                          |        |        | 24    | 16.74 | 1.56  | 18.3  | <=30 | Pass |
|                                          |        | 12     | 0     | 17.23 | 1.56  | 18.79 | <=30 | Pass |
|                                          |        |        | 6     | 16.9  | 1.56  | 18.46 | <=30 | Pass |
|                                          |        |        | 13    | 16.63 | 1.56  | 18.19 | <=30 | Pass |
|                                          |        | 25     | 0     | 17.25 | 1.56  | 18.81 | <=30 | Pass |
| 1777.5                                   |        | 1      | 0     | 16.69 | 1.56  | 18.25 | <=30 | Pass |
|                                          |        |        | 13    | 17.11 | 1.56  | 18.67 | <=30 | Pass |
|                                          |        |        | 24    | 16.89 | 1.56  | 18.45 | <=30 | Pass |
|                                          |        | 12     | 0     | 16.95 | 1.56  | 18.51 | <=30 | Pass |
|                                          |        |        | 6     | 16.91 | 1.56  | 18.47 | <=30 | Pass |
|                                          |        |        | 13    | 17.21 | 1.56  | 18.77 | <=30 | Pass |
|                                          | 25     | 0      | 16.81 | 1.56  | 18.37 | <=30  | Pass |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |       |       |       |      |      |

### 1.1.4 B66\_10MHz\_EIRP

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1715            | 1             | 0      | 22.03                 | 1.56       | 23.59      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.72                 | 1.56       | 23.28      | <=30  | Pass    |
|                                    |                 |               | 49     | 21.78                 | 1.56       | 23.34      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 21.42                 | 1.56       | 22.98      | <=30  | Pass    |
|                                    |                 |               | 13     | 21.42                 | 1.56       | 22.98      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.89                 | 1.56       | 22.45      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.82                 | 1.56       | 22.38      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.95                 | 1.56       | 23.51      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.54                 | 1.56       | 23.1       | <=30  | Pass    |
|                                    |                 |               | 49     | 21.9                  | 1.56       | 23.46      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 21.39                 | 1.56       | 22.95      | <=30  | Pass    |
|                                    |                 |               | 13     | 21.09                 | 1.56       | 22.65      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.73                 | 1.56       | 22.29      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.91                 | 1.56       | 22.47      | <=30  | Pass    |
|                                    | 1775            | 1             | 0      | 21.98                 | 1.56       | 23.54      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.56                 | 1.56       | 23.12      | <=30  | Pass    |
|                                    |                 |               | 49     | 22.09                 | 1.56       | 23.65      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 21.04                 | 1.56       | 22.6       | <=30  | Pass    |
|                                    |                 |               | 13     | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.85                 | 1.56       | 22.41      | <=30  | Pass    |
| 16QAM                              | 1715            | 1             | 0      | 21.77                 | 1.56       | 23.33      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.56                 | 1.56       | 23.12      | <=30  | Pass    |
|                                    |                 |               | 49     | 20.96                 | 1.56       | 22.52      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 20.36                 | 1.56       | 21.92      | <=30  | Pass    |
|                                    |                 |               | 13     | 19.82                 | 1.56       | 21.38      | <=30  | Pass    |
|                                    |                 |               | 25     | 19.8                  | 1.56       | 21.36      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.38                 | 1.56       | 21.94      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.2                  | 1.56       | 22.76      | <=30  | Pass    |
|                                    |                 |               | 49     | 20.95                 | 1.56       | 22.51      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 19.97                 | 1.56       | 21.53      | <=30  | Pass    |
|                                    |                 |               | 13     | 20.23                 | 1.56       | 21.79      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.15                 | 1.56       | 21.71      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 19.91                 | 1.56       | 21.47      | <=30  | Pass    |
|                                    | 1775            | 1             | 0      | 20.75                 | 1.56       | 22.31      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.16                 | 1.56       | 22.72      | <=30  | Pass    |
|                                    |                 |               | 49     | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 20.09                 | 1.56       | 21.65      | <=30  | Pass    |
|                                    |                 |               | 13     | 19.78                 | 1.56       | 21.34      | <=30  | Pass    |
|                                    |                 |               | 25     | 19.78                 | 1.56       | 21.34      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.18                 | 1.56       | 21.74      | <=30  | Pass    |
| 64QAM                              | 1715            | 1             | 0      | 21.75                 | 1.56       | 23.31      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.01                 | 1.56       | 22.57      | <=30  | Pass    |
|                                    |                 |               | 49     | 21.19                 | 1.56       | 22.75      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 20.56                 | 1.56       | 22.12      | <=30  | Pass    |
|                                    |                 |               | 13     | 19.92                 | 1.56       | 21.48      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.1                  | 1.56       | 21.66      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.36                 | 1.56       | 21.92      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 20.96                 | 1.56       | 22.52      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.48                 | 1.56       | 23.04      | <=30  | Pass    |
|                                    |                 |               | 49     | 20.89                 | 1.56       | 22.45      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 20.02                 | 1.56       | 21.58      | <=30  | Pass    |
|                                    |                 |               | 13     | 19.79                 | 1.56       | 21.35      | <=30  | Pass    |

|        |                                          |    |       |       |       |       |       |      |      |
|--------|------------------------------------------|----|-------|-------|-------|-------|-------|------|------|
|        |                                          |    | 25    | 20.24 | 1.56  | 21.8  | <=30  | Pass |      |
|        |                                          | 50 | 0     | 19.91 | 1.56  | 21.47 | <=30  | Pass |      |
|        | 1775                                     | 1  | 0     | 21.11 | 1.56  | 22.67 | <=30  | Pass |      |
|        |                                          |    | 25    | 21.34 | 1.56  | 22.9  | <=30  | Pass |      |
|        |                                          |    | 49    | 21.3  | 1.56  | 22.86 | <=30  | Pass |      |
|        |                                          |    | 0     | 19.82 | 1.56  | 21.38 | <=30  | Pass |      |
|        |                                          | 25 | 0     | 20.38 | 1.56  | 21.94 | <=30  | Pass |      |
|        |                                          |    | 13    | 20.22 | 1.56  | 21.78 | <=30  | Pass |      |
|        |                                          |    | 25    | 0     | 20.28 | 1.56  | 21.84 | <=30 | Pass |
|        | 50                                       | 0  | 20.28 | 1.56  | 21.84 | <=30  | Pass  |      |      |
| 256QAM | 1715                                     | 1  | 0     | 16.86 | 1.56  | 18.42 | <=30  | Pass |      |
|        |                                          |    | 25    | 17.06 | 1.56  | 18.62 | <=30  | Pass |      |
|        |                                          |    | 49    | 17.16 | 1.56  | 18.72 | <=30  | Pass |      |
|        |                                          | 25 | 0     | 17.23 | 1.56  | 18.79 | <=30  | Pass |      |
|        |                                          |    | 13    | 17.01 | 1.56  | 18.57 | <=30  | Pass |      |
|        |                                          |    | 25    | 17.17 | 1.56  | 18.73 | <=30  | Pass |      |
|        |                                          |    | 50    | 0     | 16.87 | 1.56  | 18.43 | <=30 | Pass |
|        | 1745                                     | 1  | 0     | 16.87 | 1.56  | 18.43 | <=30  | Pass |      |
|        |                                          |    | 25    | 17.49 | 1.56  | 19.05 | <=30  | Pass |      |
|        |                                          |    | 49    | 16.69 | 1.56  | 18.25 | <=30  | Pass |      |
|        |                                          | 25 | 0     | 17.23 | 1.56  | 18.79 | <=30  | Pass |      |
|        |                                          |    | 13    | 16.77 | 1.56  | 18.33 | <=30  | Pass |      |
|        |                                          |    | 25    | 16.77 | 1.56  | 18.33 | <=30  | Pass |      |
|        |                                          |    | 50    | 0     | 16.65 | 1.56  | 18.21 | <=30 | Pass |
|        | 1775                                     | 1  | 0     | 17.06 | 1.56  | 18.62 | <=30  | Pass |      |
|        |                                          |    | 25    | 17.03 | 1.56  | 18.59 | <=30  | Pass |      |
|        |                                          |    | 49    | 16.94 | 1.56  | 18.5  | <=30  | Pass |      |
|        |                                          | 25 | 0     | 16.8  | 1.56  | 18.36 | <=30  | Pass |      |
|        |                                          |    | 13    | 16.94 | 1.56  | 18.5  | <=30  | Pass |      |
|        |                                          |    | 25    | 17.07 | 1.56  | 18.63 | <=30  | Pass |      |
|        |                                          | 50 | 0     | 17.23 | 1.56  | 18.79 | <=30  | Pass |      |
|        | Note1: EIRP=Conducted Power+Antenna Gain |    |       |       |       |       |       |      |      |

### 1.1.5 B66\_15MHz\_EIRP

| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | 21.48                 | 1.56       | 23.04      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.7                  | 1.56       | 23.26      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.38                 | 1.56       | 22.94      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 20.89                 | 1.56       | 22.45      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.7                  | 1.56       | 22.26      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.25                 | 1.56       | 22.81      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 20.72                 | 1.56       | 22.28      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.28                 | 1.56       | 22.84      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.66                 | 1.56       | 23.22      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 21.11                 | 1.56       | 22.67      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.85                 | 1.56       | 22.41      | <=30  | Pass    |
|                                    |                 |               | 39     | 20.69                 | 1.56       | 22.25      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 20.8                  | 1.56       | 22.36      | <=30  | Pass    |
|                                    | 1772.5          | 1             | 0      | 21.85                 | 1.56       | 23.41      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.4                  | 1.56       | 23.96      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.22                 | 1.56       | 23.78      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 20.97                 | 1.56       | 22.53      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.17                 | 1.56       | 22.73      | <=30  | Pass    |
|                                    |                 |               | 39     | 20.88                 | 1.56       | 22.44      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 20.55                 | 1.56       | 22.11      | <=30  | Pass    |
| 16QAM                              | 1717.5          | 1             | 0      | 21.06                 | 1.56       | 22.62      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.16                 | 1.56       | 22.72      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.58                 | 1.56       | 23.14      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 20.07                 | 1.56       | 21.63      | <=30  | Pass    |
|                                    |                 |               | 18     | 19.87                 | 1.56       | 21.43      | <=30  | Pass    |
|                                    |                 |               | 39     | 20.31                 | 1.56       | 21.87      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 19.65                 | 1.56       | 21.21      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.22                 | 1.56       | 22.78      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.19                 | 1.56       | 22.75      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.01                 | 1.56       | 22.57      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 19.65                 | 1.56       | 21.21      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.39                 | 1.56       | 21.95      | <=30  | Pass    |
|                                    |                 |               | 39     | 19.68                 | 1.56       | 21.24      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 20.23                 | 1.56       | 21.79      | <=30  | Pass    |
|                                    | 1772.5          | 1             | 0      | 20.92                 | 1.56       | 22.48      | <=30  | Pass    |
|                                    |                 |               | 38     | 21.04                 | 1.56       | 22.6       | <=30  | Pass    |
|                                    |                 |               | 74     | 21.02                 | 1.56       | 22.58      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 19.87                 | 1.56       | 21.43      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.22                 | 1.56       | 21.78      | <=30  | Pass    |
|                                    |                 |               | 39     | 19.86                 | 1.56       | 21.42      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 19.92                 | 1.56       | 21.48      | <=30  | Pass    |
| 64QAM                              | 1717.5          | 1             | 0      | 21.08                 | 1.56       | 22.64      | <=30  | Pass    |
|                                    |                 |               | 38     | 20.83                 | 1.56       | 22.39      | <=30  | Pass    |
|                                    |                 |               | 74     | 20.74                 | 1.56       | 22.3       | <=30  | Pass    |
|                                    |                 | 36            | 0      | 20.25                 | 1.56       | 21.81      | <=30  | Pass    |
|                                    |                 |               | 18     | 19.86                 | 1.56       | 21.42      | <=30  | Pass    |
|                                    |                 |               | 39     | 20                    | 1.56       | 21.56      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 19.71                 | 1.56       | 21.27      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 20.84                 | 1.56       | 22.4       | <=30  | Pass    |
|                                    |                 |               | 38     | 21.3                  | 1.56       | 22.86      | <=30  | Pass    |
|                                    |                 |               | 74     | 21.1                  | 1.56       | 22.66      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 19.67                 | 1.56       | 21.23      | <=30  | Pass    |
|                                    |                 |               | 18     | 20.09                 | 1.56       | 21.65      | <=30  | Pass    |

|                                          |        |        |       |       |       |       |       |      |
|------------------------------------------|--------|--------|-------|-------|-------|-------|-------|------|
|                                          |        |        | 39    | 19.99 | 1.56  | 21.55 | <=30  | Pass |
|                                          |        | 75     | 0     | 20.09 | 1.56  | 21.65 | <=30  | Pass |
|                                          | 1772.5 | 1      | 0     | 20.83 | 1.56  | 22.39 | <=30  | Pass |
|                                          |        |        | 38    | 20.93 | 1.56  | 22.49 | <=30  | Pass |
|                                          |        |        | 74    | 21.19 | 1.56  | 22.75 | <=30  | Pass |
|                                          |        | 36     | 0     | 20.31 | 1.56  | 21.87 | <=30  | Pass |
|                                          |        |        | 18    | 20.39 | 1.56  | 21.95 | <=30  | Pass |
|                                          |        |        | 39    | 20.09 | 1.56  | 21.65 | <=30  | Pass |
|                                          |        | 75     | 0     | 20.05 | 1.56  | 21.61 | <=30  | Pass |
|                                          | 256QAM | 1717.5 | 1     | 0     | 17.2  | 1.56  | 18.76 | <=30 |
| 38                                       |        |        |       | 17.03 | 1.56  | 18.59 | <=30  | Pass |
| 74                                       |        |        |       | 17.22 | 1.56  | 18.78 | <=30  | Pass |
| 36                                       |        |        | 0     | 17.35 | 1.56  | 18.91 | <=30  | Pass |
|                                          |        |        | 18    | 16.64 | 1.56  | 18.2  | <=30  | Pass |
|                                          |        |        | 39    | 16.83 | 1.56  | 18.39 | <=30  | Pass |
|                                          |        |        | 75    | 0     | 17.11 | 1.56  | 18.67 | <=30 |
| 1745                                     |        | 1      | 0     | 17.08 | 1.56  | 18.64 | <=30  | Pass |
|                                          |        |        | 38    | 17.03 | 1.56  | 18.59 | <=30  | Pass |
|                                          |        |        | 74    | 16.7  | 1.56  | 18.26 | <=30  | Pass |
|                                          |        | 36     | 0     | 17.31 | 1.56  | 18.87 | <=30  | Pass |
|                                          |        |        | 18    | 17.36 | 1.56  | 18.92 | <=30  | Pass |
|                                          |        |        | 39    | 17.18 | 1.56  | 18.74 | <=30  | Pass |
|                                          |        | 75     | 0     | 17.02 | 1.56  | 18.58 | <=30  | Pass |
| 1772.5                                   |        | 1      | 0     | 16.81 | 1.56  | 18.37 | <=30  | Pass |
|                                          |        |        | 38    | 17.54 | 1.56  | 19.1  | <=30  | Pass |
|                                          |        |        | 74    | 16.84 | 1.56  | 18.4  | <=30  | Pass |
|                                          |        | 36     | 0     | 17.27 | 1.56  | 18.83 | <=30  | Pass |
|                                          |        |        | 18    | 17.16 | 1.56  | 18.72 | <=30  | Pass |
|                                          |        |        | 39    | 16.9  | 1.56  | 18.46 | <=30  | Pass |
|                                          | 75     | 0      | 17.28 | 1.56  | 18.84 | <=30  | Pass  |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |       |       |       |       |      |

### 1.1.6 B66\_20MHz\_EIRP

| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1720            | 1             | 0      | 21.44                 | 1.56       | 23         | <=30  | Pass    |
|                                    |                 |               | 50     | 21.92                 | 1.56       | 23.48      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.72                 | 1.56       | 23.28      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.34                 | 1.56       | 22.9       | <=30  | Pass    |
|                                    |                 |               | 25     | 20.74                 | 1.56       | 22.3       | <=30  | Pass    |
|                                    |                 |               | 50     | 21.14                 | 1.56       | 22.7       | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.84                 | 1.56       | 23.4       | <=30  | Pass    |
|                                    |                 |               | 99     | 21.75                 | 1.56       | 23.31      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.6                  | 1.56       | 22.16      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.7                  | 1.56       | 22.26      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.6                  | 1.56       | 22.16      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.07                 | 1.56       | 22.63      | <=30  | Pass    |
|                                    | 1770            | 1             | 0      | 21.33                 | 1.56       | 22.89      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.7                  | 1.56       | 23.26      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.58                 | 1.56       | 23.14      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.82                 | 1.56       | 22.38      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.27                 | 1.56       | 22.83      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.82                 | 1.56       | 22.38      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.92                 | 1.56       | 22.48      | <=30  | Pass    |
| 16QAM                              | 1720            | 1             | 0      | 21.04                 | 1.56       | 22.6       | <=30  | Pass    |
|                                    |                 |               | 50     | 21.36                 | 1.56       | 22.92      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.25                 | 1.56       | 22.81      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.31                 | 1.56       | 21.87      | <=30  | Pass    |
|                                    |                 |               | 25     | 19.9                  | 1.56       | 21.46      | <=30  | Pass    |
|                                    |                 |               | 50     | 19.7                  | 1.56       | 21.26      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 19.68                 | 1.56       | 21.24      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 20.84                 | 1.56       | 22.4       | <=30  | Pass    |
|                                    |                 |               | 50     | 21.17                 | 1.56       | 22.73      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.4                  | 1.56       | 22.96      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 19.63                 | 1.56       | 21.19      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.26                 | 1.56       | 21.82      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.2                  | 1.56       | 21.76      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.17                 | 1.56       | 21.73      | <=30  | Pass    |
|                                    | 1770            | 1             | 0      | 21.29                 | 1.56       | 22.85      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.32                 | 1.56       | 22.88      | <=30  | Pass    |
|                                    |                 |               | 99     | 20.81                 | 1.56       | 22.37      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 19.81                 | 1.56       | 21.37      | <=30  | Pass    |
|                                    |                 |               | 25     | 19.58                 | 1.56       | 21.14      | <=30  | Pass    |
|                                    |                 |               | 50     | 19.65                 | 1.56       | 21.21      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 19.78                 | 1.56       | 21.34      | <=30  | Pass    |
| 64QAM                              | 1720            | 1             | 0      | 20.89                 | 1.56       | 22.45      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.16                 | 1.56       | 22.72      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.05                 | 1.56       | 22.61      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.02                 | 1.56       | 21.58      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.21                 | 1.56       | 21.77      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.35                 | 1.56       | 21.91      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.06                 | 1.56       | 21.62      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.15                 | 1.56       | 22.71      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.17                 | 1.56       | 22.73      | <=30  | Pass    |
|                                    |                 |               | 99     | 20.88                 | 1.56       | 22.44      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.06                 | 1.56       | 21.62      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.3                  | 1.56       | 21.86      | <=30  | Pass    |

|                                          |        |      |       |       |       |       |      |      |
|------------------------------------------|--------|------|-------|-------|-------|-------|------|------|
|                                          |        |      | 50    | 19.69 | 1.56  | 21.25 | <=30 | Pass |
|                                          |        | 100  | 0     | 19.64 | 1.56  | 21.2  | <=30 | Pass |
|                                          | 1770   | 1    | 0     | 20.56 | 1.56  | 22.12 | <=30 | Pass |
|                                          |        |      | 50    | 21.2  | 1.56  | 22.76 | <=30 | Pass |
|                                          |        |      | 99    | 21.13 | 1.56  | 22.69 | <=30 | Pass |
|                                          |        | 50   | 0     | 19.75 | 1.56  | 21.31 | <=30 | Pass |
|                                          |        |      | 25    | 19.84 | 1.56  | 21.4  | <=30 | Pass |
|                                          |        |      | 50    | 20.18 | 1.56  | 21.74 | <=30 | Pass |
|                                          |        | 100  | 0     | 19.64 | 1.56  | 21.2  | <=30 | Pass |
|                                          | 256QAM | 1720 | 1     | 0     | 17.04 | 1.56  | 18.6 | <=30 |
| 50                                       |        |      |       | 16.96 | 1.56  | 18.52 | <=30 | Pass |
| 99                                       |        |      |       | 16.87 | 1.56  | 18.43 | <=30 | Pass |
| 50                                       |        |      | 0     | 16.94 | 1.56  | 18.5  | <=30 | Pass |
|                                          |        |      | 25    | 17.24 | 1.56  | 18.8  | <=30 | Pass |
|                                          |        |      | 50    | 17.23 | 1.56  | 18.79 | <=30 | Pass |
| 100                                      |        |      | 0     | 17.21 | 1.56  | 18.77 | <=30 | Pass |
| 1745                                     |        | 1    | 0     | 16.96 | 1.56  | 18.52 | <=30 | Pass |
|                                          |        |      | 50    | 17.47 | 1.56  | 19.03 | <=30 | Pass |
|                                          |        |      | 99    | 16.87 | 1.56  | 18.43 | <=30 | Pass |
|                                          |        | 50   | 0     | 16.88 | 1.56  | 18.44 | <=30 | Pass |
|                                          |        |      | 25    | 16.87 | 1.56  | 18.43 | <=30 | Pass |
|                                          |        |      | 50    | 17.18 | 1.56  | 18.74 | <=30 | Pass |
|                                          |        | 100  | 0     | 16.66 | 1.56  | 18.22 | <=30 | Pass |
| 1770                                     |        | 1    | 0     | 17.14 | 1.56  | 18.7  | <=30 | Pass |
|                                          |        |      | 50    | 17.33 | 1.56  | 18.89 | <=30 | Pass |
|                                          |        |      | 99    | 16.8  | 1.56  | 18.36 | <=30 | Pass |
|                                          |        | 50   | 0     | 16.65 | 1.56  | 18.21 | <=30 | Pass |
|                                          |        |      | 25    | 17.16 | 1.56  | 18.72 | <=30 | Pass |
|                                          |        |      | 50    | 17.08 | 1.56  | 18.64 | <=30 | Pass |
|                                          | 100    | 0    | 16.92 | 1.56  | 18.48 | <=30  | Pass |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |      |       |       |       |       |      |      |

## 2. Field Strength of Spurious Radiation

**Test Band = LTE Band66\_ 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               | 5299.5          | 43.00          | -45.09      | 31.94    | -65.41      | -13.00      | 52.41       | Horizontal |
| 2               | 6330.75         | 42.26          | -44.50      | 33.52    | -63.98      | -13.00      | 50.98       | Horizontal |
| 3               | 7569            | 41.30          | -43.00      | 36.50    | -60.46      | -13.00      | 47.46       | Horizontal |
| 4               | 9881.25         | 36.94          | -39.36      | 38.26    | -59.42      | -13.00      | 46.42       | Horizontal |
| 5               | 12768           | 34.50          | -36.78      | 39.33    | -58.21      | -13.00      | 45.21       | Horizontal |
| 6               | 14852.25        | 32.00          | -34.97      | 41.48    | -56.75      | -13.00      | 43.75       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 4174.5          | 42.30          | -45.77      | 29.82    | -68.91      | -13.00      | 55.91       | Vertical |
| 2               | 5310            | 43.17          | -45.11      | 31.96    | -65.24      | -13.00      | 52.24       | Vertical |
| 3               | 6192            | 42.60          | -44.74      | 33.05    | -64.34      | -13.00      | 51.34       | Vertical |
| 4               | 8028            | 40.85          | -42.07      | 37.08    | -59.40      | -13.00      | 46.40       | Vertical |
| 5               | 10039.5         | 36.67          | -39.19      | 38.50    | -59.28      | -13.00      | 46.28       | Vertical |
| 6               | 13316.25        | 33.58          | -36.79      | 39.84    | -58.62      | -13.00      | 45.62       | Vertical |

**Test Band = LTE Band66\_ 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               | 3722.25         | 43.10          | -45.59      | 28.96    | -68.80      | -13.00      | 55.80       | Horizontal |
| 2               | 5031            | 42.96          | -45.56      | 31.46    | -66.40      | -13.00      | 53.40       | Horizontal |
| 3               | 6475.5          | 42.08          | -44.56      | 34.02    | -63.72      | -13.00      | 50.72       | Horizontal |
| 4               | 8141.25         | 39.89          | -41.76      | 37.02    | -60.11      | -13.00      | 47.11       | Horizontal |
| 5               | 10668           | 35.92          | -38.07      | 38.57    | -58.84      | -13.00      | 45.84       | Horizontal |
| 6               | 12417           | 35.22          | -37.46      | 39.23    | -58.27      | -13.00      | 45.27       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 4118.25         | 42.57          | -45.76      | 29.68    | -68.77      | -13.00      | 55.77       | Vertical |
| 2               | 5373.75         | 43.51          | -45.24      | 32.07    | -64.92      | -13.00      | 51.92       | Vertical |
| 3               | 7014            | 42.09          | -43.64      | 35.04    | -61.77      | -13.00      | 48.77       | Vertical |
| 4               | 8589            | 40.07          | -41.36      | 36.75    | -59.81      | -13.00      | 46.81       | Vertical |
| 5               | 12166.5         | 35.03          | -37.44      | 39.15    | -58.52      | -13.00      | 45.52       | Vertical |
| 6               | 14385           | 32.60          | -35.00      | 41.11    | -56.56      | -13.00      | 43.56       | Vertical |

**Test Band = LTE Band66\_ 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               | 4251            | 43.32          | -45.65      | 30.00    | -67.59      | -13.00      | 54.59       | Horizontal |
| 2               | 6069            | 43.37          | -44.57      | 32.63    | -63.82      | -13.00      | 50.82       | Horizontal |
| 3               | 6906.75         | 43.19          | -44.06      | 34.83    | -61.30      | -13.00      | 48.30       | Horizontal |
| 4               | 8123.25         | 39.52          | -41.58      | 37.03    | -60.30      | -13.00      | 47.30       | Horizontal |
| 5               | 10879.5         | 35.22          | -37.97      | 38.59    | -59.43      | -13.00      | 46.43       | Horizontal |
| 6               | 13836           | 33.64          | -36.06      | 40.57    | -57.11      | -13.00      | 44.11       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3598.5          | 43.58          | -46.13      | 28.76    | -69.05      | -13.00      | 56.05       | Vertical |
| 2               | 5406.75         | 43.48          | -45.30      | 32.13    | -64.94      | -13.00      | 51.94       | Vertical |
| 3               | 6464.25         | 42.03          | -44.54      | 33.98    | -63.79      | -13.00      | 50.79       | Vertical |
| 4               | 8423.25         | 40.58          | -41.49      | 36.85    | -59.32      | -13.00      | 46.32       | Vertical |
| 5               | 10653.75        | 35.50          | -38.15      | 38.57    | -59.35      | -13.00      | 46.35       | Vertical |
| 6               | 12951           | 34.32          | -37.22      | 39.39    | -58.78      | -13.00      | 45.78       | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---