

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Band2\_EIRP

### 1.1.1 Test Result

| Band: 2 |         |              |                 |                       |            |            |         |         |
|---------|---------|--------------|-----------------|-----------------------|------------|------------|---------|---------|
| ENV     | Mode    |              | Frequency (MHz) | Conducted Power (dBm) | Gain (dbi) | EIRP (dBm) |         | Verdict |
|         | Network | Subset       |                 |                       |            | Result     | Limit   |         |
| NTNV    | RMC     | 12.2kbps RMC | 1852.4          | 23.03                 | -3.5       | 19.53      | <=33.01 | Pass    |
|         |         |              | 1880            | 23.04                 | -3.5       | 19.54      | <=33.01 | Pass    |
|         |         |              | 1907.6          | 23.07                 | -3.5       | 19.57      | <=33.01 | Pass    |
|         | HSDPA   | Subtest 1    | 1852.4          | 21.34                 | -3.5       | 17.84      | <=33.01 | Pass    |
|         |         | Subtest 2    | 1852.4          | 21.34                 | -3.5       | 17.84      | <=33.01 | Pass    |
|         |         | Subtest 3    | 1852.4          | 21.21                 | -3.5       | 17.71      | <=33.01 | Pass    |
|         |         | Subtest 4    | 1852.4          | 21.23                 | -3.5       | 17.73      | <=33.01 | Pass    |
|         |         | Subtest 1    | 1880            | 21.33                 | -3.5       | 17.83      | <=33.01 | Pass    |
|         |         | Subtest 2    | 1880            | 21.33                 | -3.5       | 17.83      | <=33.01 | Pass    |
|         |         | Subtest 3    | 1880            | 21.21                 | -3.5       | 17.71      | <=33.01 | Pass    |
|         |         | Subtest 4    | 1880            | 21.27                 | -3.5       | 17.77      | <=33.01 | Pass    |
|         |         | Subtest 1    | 1907.6          | 21.61                 | -3.5       | 18.11      | <=33.01 | Pass    |
|         |         | Subtest 2    | 1907.6          | 21.58                 | -3.5       | 18.08      | <=33.01 | Pass    |
|         |         | Subtest 3    | 1907.6          | 21.43                 | -3.5       | 17.93      | <=33.01 | Pass    |
|         |         | Subtest 4    | 1907.6          | 21.51                 | -3.5       | 18.01      | <=33.01 | Pass    |
|         | HSUPA   | Subtest 1    | 1852.4          | 19.11                 | -3.5       | 15.61      | <=33.01 | Pass    |
|         |         | Subtest 2    | 1852.4          | 19.29                 | -3.5       | 15.79      | <=33.01 | Pass    |
|         |         | Subtest 3    | 1852.4          | 19.35                 | -3.5       | 15.85      | <=33.01 | Pass    |
|         |         | Subtest 4    | 1852.4          | 20.34                 | -3.5       | 16.84      | <=33.01 | Pass    |
|         |         | Subtest 5    | 1852.4          | 20.35                 | -3.5       | 16.85      | <=33.01 | Pass    |
|         |         | Subtest 1    | 1880            | 20.25                 | -3.5       | 16.75      | <=33.01 | Pass    |
|         |         | Subtest 2    | 1880            | 19.34                 | -3.5       | 15.84      | <=33.01 | Pass    |
|         |         | Subtest 3    | 1880            | 20.33                 | -3.5       | 16.83      | <=33.01 | Pass    |
|         |         | Subtest 4    | 1880            | 20.50                 | -3.5       | 17         | <=33.01 | Pass    |
|         |         | Subtest 5    | 1880            | 20.32                 | -3.5       | 16.82      | <=33.01 | Pass    |
|         |         | Subtest 1    | 1907.6          | 19.12                 | -3.5       | 15.62      | <=33.01 | Pass    |
|         |         | Subtest 2    | 1907.6          | 20.69                 | -3.5       | 17.19      | <=33.01 | Pass    |
|         |         | Subtest 3    | 1907.6          | 19.43                 | -3.5       | 15.93      | <=33.01 | Pass    |
|         |         | Subtest 4    | 1907.6          | 19.34                 | -3.5       | 15.84      | <=33.01 | Pass    |
|         |         | Subtest 5    | 1907.6          | 19.17                 | -3.5       | 15.67      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

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

### 2.1 Band4\_EIRP

#### 2.1.1 Test Result

| Band: 4 |         |              |                 |                       |            |            |       |         |
|---------|---------|--------------|-----------------|-----------------------|------------|------------|-------|---------|
| ENV     | Mode    |              | Frequency (MHz) | Conducted Power (dBm) | Gain (dbi) | EIRP (dBm) |       | Verdict |
|         | Network | Subset       |                 |                       |            | Result     | Limit |         |
| NTNV    | RMC     | 12.2kbps RMC | 1712.4          | 24.21                 | -1.9       | 22.31      | <=30  | Pass    |
|         |         |              | 1732.6          | 24.13                 | -1.9       | 22.23      | <=30  | Pass    |
|         |         |              | 1752.6          | 24.30                 | -1.9       | 22.4       | <=30  | Pass    |
|         | HSDPA   | Subtest 1    | 1712.4          | 22.86                 | -1.9       | 20.96      | <=30  | Pass    |
|         |         | Subtest 2    | 1712.4          | 22.85                 | -1.9       | 20.95      | <=30  | Pass    |
|         |         | Subtest 3    | 1712.4          | 22.87                 | -1.9       | 20.97      | <=30  | Pass    |
|         |         | Subtest 4    | 1712.4          | 22.88                 | -1.9       | 20.98      | <=30  | Pass    |
|         |         | Subtest 1    | 1732.6          | 22.70                 | -1.9       | 20.8       | <=30  | Pass    |
|         |         | Subtest 2    | 1732.6          | 22.41                 | -1.9       | 20.51      | <=30  | Pass    |
|         |         | Subtest 3    | 1732.6          | 22.74                 | -1.9       | 20.84      | <=30  | Pass    |
|         |         | Subtest 4    | 1732.6          | 22.72                 | -1.9       | 20.82      | <=30  | Pass    |
|         |         | Subtest 1    | 1752.6          | 23.02                 | -1.9       | 21.12      | <=30  | Pass    |
|         |         | Subtest 2    | 1752.6          | 22.76                 | -1.9       | 20.86      | <=30  | Pass    |
|         |         | Subtest 3    | 1752.6          | 23.00                 | -1.9       | 21.1       | <=30  | Pass    |
|         |         | Subtest 4    | 1752.6          | 23.16                 | -1.9       | 21.26      | <=30  | Pass    |
|         | HSUPA   | Subtest 1    | 1712.4          | 21.33                 | -1.9       | 19.43      | <=30  | Pass    |
|         |         | Subtest 2    | 1712.4          | 20.88                 | -1.9       | 18.98      | <=30  | Pass    |
|         |         | Subtest 3    | 1712.4          | 20.87                 | -1.9       | 18.97      | <=30  | Pass    |
|         |         | Subtest 4    | 1712.4          | 21.37                 | -1.9       | 19.47      | <=30  | Pass    |
|         |         | Subtest 5    | 1712.4          | 21.12                 | -1.9       | 19.22      | <=30  | Pass    |
|         |         | Subtest 1    | 1732.6          | 21.34                 | -1.9       | 19.44      | <=30  | Pass    |
|         |         | Subtest 2    | 1732.6          | 20.85                 | -1.9       | 18.95      | <=30  | Pass    |
|         |         | Subtest 3    | 1732.6          | 20.87                 | -1.9       | 18.97      | <=30  | Pass    |
|         |         | Subtest 4    | 1732.6          | 21.14                 | -1.9       | 19.24      | <=30  | Pass    |
|         |         | Subtest 5    | 1732.6          | 21.34                 | -1.9       | 19.44      | <=30  | Pass    |
|         |         | Subtest 1    | 1752.6          | 21.54                 | -1.9       | 19.64      | <=30  | Pass    |
|         |         | Subtest 2    | 1752.6          | 21.62                 | -1.9       | 19.72      | <=30  | Pass    |
|         |         | Subtest 3    | 1752.6          | 21.26                 | -1.9       | 19.36      | <=30  | Pass    |
|         |         | Subtest 4    | 1752.6          | 21.50                 | -1.9       | 19.6       | <=30  | Pass    |
|         |         | Subtest 5    | 1752.6          | 21.14                 | -1.9       | 19.24      | <=30  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

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

#### 3.1 Band5\_ERP

##### 3.1.1 Test Result

| Band: 5                                      |           |              |                    |                          |               |           |         |         |      |
|----------------------------------------------|-----------|--------------|--------------------|--------------------------|---------------|-----------|---------|---------|------|
| ENV                                          | Mode      |              | Frequency<br>(MHz) | Conducted Power<br>(dBm) | Gain<br>(dbi) | ERP (dBm) |         | Verdict |      |
|                                              | Network   | Subset       |                    |                          |               | Result    | Limit   |         |      |
| NTNV                                         | RMC       | 12.2kbps RMC | 826.4              | 23.14                    | -2.7          | 18.29     | <=38.45 | Pass    |      |
|                                              |           |              | 836.6              | 23.32                    | -2.7          | 18.47     | <=38.45 | Pass    |      |
|                                              |           |              | 846.6              | 23.03                    | -2.7          | 18.18     | <=38.45 | Pass    |      |
|                                              | HSDPA     | Subtest 1    | 826.4              | 21.43                    | -2.7          | 16.58     | <=38.45 | Pass    |      |
|                                              |           | Subtest 2    | 826.4              | 21.44                    | -2.7          | 16.59     | <=38.45 | Pass    |      |
|                                              |           | Subtest 3    | 826.4              | 21.44                    | -2.7          | 16.59     | <=38.45 | Pass    |      |
|                                              |           | Subtest 4    | 826.4              | 21.40                    | -2.7          | 16.55     | <=38.45 | Pass    |      |
|                                              |           | Subtest 1    | 836.6              | 21.78                    | -2.7          | 16.93     | <=38.45 | Pass    |      |
|                                              |           | Subtest 2    | 836.6              | 21.78                    | -2.7          | 16.93     | <=38.45 | Pass    |      |
|                                              |           | Subtest 3    | 836.6              | 21.78                    | -2.7          | 16.93     | <=38.45 | Pass    |      |
|                                              |           | Subtest 4    | 836.6              | 21.73                    | -2.7          | 16.88     | <=38.45 | Pass    |      |
|                                              |           | Subtest 1    | 846.6              | 21.57                    | -2.7          | 16.72     | <=38.45 | Pass    |      |
|                                              |           | Subtest 2    | 846.6              | 21.58                    | -2.7          | 16.73     | <=38.45 | Pass    |      |
|                                              |           | Subtest 3    | 846.6              | 21.58                    | -2.7          | 16.73     | <=38.45 | Pass    |      |
|                                              |           | Subtest 4    | 846.6              | 21.53                    | -2.7          | 16.68     | <=38.45 | Pass    |      |
|                                              |           | HSUPA        | Subtest 1          | 826.4                    | 19.82         | -2.7      | 14.97   | <=38.45 | Pass |
|                                              |           |              | Subtest 2          | 826.4                    | 19.82         | -2.7      | 14.97   | <=38.45 | Pass |
|                                              |           |              | Subtest 3          | 826.4                    | 19.81         | -2.7      | 14.96   | <=38.45 | Pass |
|                                              |           |              | Subtest 4          | 826.4                    | 19.99         | -2.7      | 15.14   | <=38.45 | Pass |
|                                              | Subtest 5 |              | 826.4              | 19.51                    | -2.7          | 14.66     | <=38.45 | Pass    |      |
|                                              | Subtest 1 |              | 836.6              | 20.31                    | -2.7          | 15.46     | <=38.45 | Pass    |      |
|                                              | Subtest 2 |              | 836.6              | 20.09                    | -2.7          | 15.24     | <=38.45 | Pass    |      |
|                                              | Subtest 3 |              | 836.6              | 20.29                    | -2.7          | 15.44     | <=38.45 | Pass    |      |
|                                              | Subtest 4 |              | 836.6              | 20.08                    | -2.7          | 15.23     | <=38.45 | Pass    |      |
|                                              | Subtest 5 |              | 836.6              | 19.82                    | -2.7          | 14.97     | <=38.45 | Pass    |      |
|                                              | Subtest 1 |              | 846.6              | 20.05                    | -2.7          | 15.2      | <=38.45 | Pass    |      |
|                                              | Subtest 2 |              | 846.6              | 19.83                    | -2.7          | 14.98     | <=38.45 | Pass    |      |
|                                              | Subtest 3 |              | 846.6              | 20.04                    | -2.7          | 15.19     | <=38.45 | Pass    |      |
|                                              | Subtest 4 |              | 846.6              | 19.57                    | -2.7          | 14.72     | <=38.45 | Pass    |      |
|                                              | Subtest 5 | 846.6        | 19.59              | -2.7                     | 14.74         | <=38.45   | Pass    |         |      |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |           |              |                    |                          |               |           |         |         |      |