

### 1.1 Band2

| Band: 2                                  |         |              |                    |                          |               |            |         |         |
|------------------------------------------|---------|--------------|--------------------|--------------------------|---------------|------------|---------|---------|
| ENV                                      | Mode    |              | Frequency<br>(MHz) | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |
|                                          | Network | Subset       |                    |                          |               | Result     | Limit   |         |
| NTNV                                     | RMC     | 12.2kbps RMC | 1852.4             | 22.98                    | 4.20          | 27.18      | <=33.01 | Pass    |
|                                          |         |              | 1880               | 23.11                    | 4.20          | 27.31      | <=33.01 | Pass    |
|                                          |         |              | 1907.6             | 23.11                    | 4.20          | 27.31      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |         |              |                    |                          |               |            |         |         |

## 1.2 Band4

| Band: 4                                  |         |              |                    |                          |               |            |       |         |
|------------------------------------------|---------|--------------|--------------------|--------------------------|---------------|------------|-------|---------|
| ENV                                      | Mode    |              | Frequency<br>(MHz) | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |       | Verdict |
|                                          | Network | Subset       |                    |                          |               | Result     | Limit |         |
| NTNV                                     | RMC     | 12.2kbps RMC | 1712.4             | 23.28                    | 4.20          | 27.48      | <=30  | Pass    |
|                                          |         |              | 1732.6             | 23.14                    | 4.20          | 27.34      | <=30  | Pass    |
|                                          |         |              | 1752.6             | 23.00                    | 4.20          | 27.20      | <=30  | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |         |              |                    |                          |               |            |       |         |

### 1.3 Band5

| 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              | 23.74                    | 1.70          | 23.29     | <=38.45 | Pass    |
|                                              |         |              | 836.6              | 23.63                    | 1.70          | 23.18     | <=38.45 | Pass    |
|                                              |         |              | 846.6              | 23.82                    | 1.70          | 23.37     | <=38.45 | Pass    |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |         |              |                    |                          |               |           |         |         |

**1.1. Test Band = WCDMA Band 2\_ TM1****1.1.1. Test Channel = Low**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 3706.5             | 61.72             | -48.49         | 28.83    | -53.20         | -13.00         | 40.20          | Horizontal |
| 2               | 6000               | 53.31             | -47.50         | 32.80    | -56.65         | -13.00         | 43.65          | Horizontal |
| 3               | 8762.25            | 52.13             | -44.04         | 37.14    | -50.03         | -13.00         | 37.03          | Horizontal |
| 4               | 10769.25           | 50.85             | -40.81         | 39.34    | -45.88         | -13.00         | 32.88          | Horizontal |
| 5               | 14309.25           | 54.51             | -38.43         | 40.27    | -38.92         | -13.00         | 25.92          | Horizontal |
| 6               | 17979              | 54.73             | -38.74         | 44.67    | -34.60         | -13.00         | 21.60          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 3706.5             | 64.81             | -48.49         | 28.83    | -50.11         | -13.00         | 37.11          | Vertical |
| 2               | 4959.75            | 57.22             | -48.02         | 31.11    | -54.95         | -13.00         | 41.95          | Vertical |
| 3               | 6695.25            | 51.67             | -46.57         | 35.01    | -55.15         | -13.00         | 42.15          | Vertical |
| 4               | 10898.25           | 50.89             | -40.02         | 39.43    | -44.96         | -13.00         | 31.96          | Vertical |
| 5               | 13697.25           | 53.19             | -38.00         | 39.85    | -40.22         | -13.00         | 27.22          | Vertical |
| 6               | 17896.5            | 54.57             | -38.15         | 44.18    | -34.66         | -13.00         | 21.66          | Vertical |

**1.2. Test Band = WCDMA Band 2\_ TM1****1.2.1. Test Channel = Mid**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 3761.25            | 61.89             | -48.31         | 28.92    | -52.76         | -13.00         | 39.76          | Horizontal |
| 2               | 5643               | 52.99             | -47.61         | 32.66    | -57.22         | -13.00         | 44.22          | Horizontal |
| 3               | 8527.5             | 51.97             | -44.19         | 36.88    | -50.60         | -13.00         | 37.60          | Horizontal |
| 4               | 12012              | 52.41             | -39.45         | 39.39    | -42.90         | -13.00         | 29.90          | Horizontal |
| 5               | 14981.25           | 55.14             | -37.88         | 40.20    | -37.80         | -13.00         | 24.80          | Horizontal |
| 6               | 17936.25           | 54.91             | -38.42         | 44.42    | -34.35         | -13.00         | 21.35          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 3761.25            | 65.02             | -48.31         | 28.92    | -49.63         | -13.00         | 36.63          | Vertical |
| 2               | 5310.75            | 51.91             | -47.77         | 32.07    | -59.05         | -13.00         | 46.05          | Vertical |
| 3               | 7860.75            | 51.77             | -45.24         | 36.33    | -52.40         | -13.00         | 39.40          | Vertical |
| 4               | 11972.25           | 52.02             | -39.58         | 39.40    | -43.42         | -13.00         | 30.42          | Vertical |
| 5               | 14937.75           | 54.76             | -37.61         | 40.21    | -37.90         | -13.00         | 24.90          | Vertical |
| 6               | 17895.75           | 54.87             | -38.15         | 44.17    | -34.37         | -13.00         | 21.37          | Vertical |

**1.3. Test Band = WCDMA Band 2\_ TM1****1.3.1. Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 3813            | 65.02          | -48.19      | 29.00    | -49.43      | -13.00      | 36.43       | Horizontal |
| 2               | 5318.25         | 52.45          | -47.77      | 32.09    | -58.49      | -13.00      | 45.49       | Horizontal |
| 3               | 8616            | 51.55          | -43.99      | 36.98    | -50.73      | -13.00      | 37.73       | Horizontal |
| 4               | 11970.75        | 52.28          | -39.59      | 39.40    | -43.16      | -13.00      | 30.16       | Horizontal |
| 5               | 14700.75        | 53.24          | -36.68      | 40.23    | -38.47      | -13.00      | 25.47       | Horizontal |
| 6               | 17871.75        | 55.29          | -38.16      | 44.03    | -34.10      | -13.00      | 21.10       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 3813.75         | 63.53          | -48.20      | 29.00    | -50.92      | -13.00      | 37.92       | Vertical |
| 2               | 5157            | 59.01          | -47.86      | 31.64    | -52.47      | -13.00      | 39.47       | Vertical |
| 3               | 7713.75         | 51.67          | -45.17      | 36.36    | -52.40      | -13.00      | 39.40       | Vertical |
| 4               | 10864.5         | 51.09          | -40.26      | 39.41    | -45.03      | -13.00      | 32.03       | Vertical |
| 5               | 14890.5         | 54.28          | -37.32      | 40.21    | -38.09      | -13.00      | 25.09       | Vertical |
| 6               | 17910           | 54.95          | -38.23      | 44.26    | -34.28      | -13.00      | 21.28       | Vertical |

**1.4. Test Band = WCDMA Band 4\_ TM1****1.4.1. Test Channel = Low**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 3426.375           | 53.96             | -48.38         | 28.44    | -61.24         | -13.00         | 48.24          | Horizontal |
| 2               | 5004               | 47.22             | -48.00         | 31.21    | -64.83         | -13.00         | 51.83          | Horizontal |
| 3               | 8352               | 45.75             | -44.32         | 36.69    | -57.14         | -13.00         | 44.14          | Horizontal |
| 4               | 10357.875          | 53.46             | -41.20         | 39.05    | -43.95         | -13.00         | 30.95          | Horizontal |
| 5               | 13483.875          | 40.61             | -39.19         | 39.53    | -54.31         | -13.00         | 41.31          | Horizontal |
| 6               | 17981.625          | 36.08             | -38.76         | 44.69    | -53.25         | -13.00         | 40.25          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 3426.75            | 58.49             | -48.38         | 28.44    | -56.71         | -13.00         | 43.71          | Vertical |
| 2               | 4957.875           | 51.79             | -48.02         | 31.11    | -60.38         | -13.00         | 47.38          | Vertical |
| 3               | 7575.75            | 45.62             | -44.96         | 36.38    | -58.21         | -13.00         | 45.21          | Vertical |
| 4               | 10047.375          | 42.39             | -41.78         | 38.83    | -55.82         | -13.00         | 42.82          | Vertical |
| 5               | 14251.125          | 39.29             | -38.54         | 40.27    | -54.23         | -13.00         | 41.23          | Vertical |
| 6               | 17881.125          | 36.99             | -38.16         | 44.09    | -52.34         | -13.00         | 39.34          | Vertical |

**1.5. Test Band = WCDMA Band 4\_ TM1****1.5.1. Test Channel = Mid**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 3463.875           | 65.46             | -48.33         | 28.47    | -49.66         | -13.00         | 36.66          | Horizontal |
| 2               | 4799.625           | 51.22             | -48.01         | 30.76    | -61.29         | -13.00         | 48.29          | Horizontal |
| 3               | 7080               | 45.59             | -45.98         | 35.64    | -60.01         | -13.00         | 47.01          | Horizontal |
| 4               | 9380.25            | 44.91             | -43.02         | 37.93    | -55.43         | -13.00         | 42.43          | Horizontal |
| 5               | 11967.375          | 41.10             | -39.61         | 39.40    | -54.36         | -13.00         | 41.36          | Horizontal |
| 6               | 17921.25           | 36.28             | -38.31         | 44.33    | -52.96         | -13.00         | 39.96          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 3463.125           | 62.12             | -48.33         | 28.47    | -53.00         | -13.00         | 40.00          | Vertical |
| 2               | 4950.75            | 49.45             | -48.02         | 31.09    | -62.74         | -13.00         | 49.74          | Vertical |
| 3               | 7218.375           | 46.28             | -46.19         | 35.89    | -59.28         | -13.00         | 46.28          | Vertical |
| 4               | 10762.875          | 41.64             | -40.83         | 39.33    | -55.11         | -13.00         | 42.11          | Vertical |
| 5               | 14242.125          | 39.64             | -38.56         | 40.28    | -53.90         | -13.00         | 40.90          | Vertical |
| 6               | 17868.75           | 36.86             | -38.16         | 44.01    | -52.55         | -13.00         | 39.55          | Vertical |

**1.6. Test Band = WCDMA Band 4\_ TM1****1.6.1. Test Channel = High**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 3506.625           | 58.17             | -48.29         | 28.51    | -56.87         | -13.00         | 43.87          | Horizontal |
| 2               | 5211               | 53.94             | -47.88         | 31.79    | -57.41         | -13.00         | 44.41          | Horizontal |
| 3               | 7951.5             | 45.09             | -44.86         | 36.31    | -58.72         | -13.00         | 45.72          | Horizontal |
| 4               | 11269.875          | 40.60             | -40.42         | 39.47    | -55.61         | -13.00         | 42.61          | Horizontal |
| 5               | 14227.125          | 39.11             | -38.59         | 40.28    | -54.47         | -13.00         | 41.47          | Horizontal |
| 6               | 17925.75           | 36.00             | -38.34         | 44.35    | -53.25         | -13.00         | 40.25          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 3503.625           | 57.57             | -48.29         | 28.51    | -57.47         | -13.00         | 44.47          | Vertical |
| 2               | 5254.875           | 48.24             | -47.83         | 31.91    | -62.94         | -13.00         | 49.94          | Vertical |
| 3               | 7565.625           | 45.16             | -45.12         | 36.39    | -58.83         | -13.00         | 45.83          | Vertical |
| 4               | 9366               | 45.15             | -42.99         | 37.91    | -55.19         | -13.00         | 42.19          | Vertical |
| 5               | 13507.125          | 40.40             | -39.18         | 39.56    | -54.48         | -13.00         | 41.48          | Vertical |
| 6               | 17974.5            | 36.39             | -38.71         | 44.65    | -52.93         | -13.00         | 39.93          | Vertical |

**1.7. Test Band = WCDMA Band 5\_ TM1****1.7.1. Test Channel = Low**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1413.7778          | 49.23             | -49.99         | 24.20    | -71.82         | -13.00         | 58.82          | Horizontal |
| 2               | 2409.7778          | 53.41             | -49.42         | 27.04    | -64.24         | -13.00         | 51.24          | Horizontal |
| 3               | 3866.2222          | 50.84             | -48.42         | 29.09    | -63.76         | -13.00         | 50.76          | Horizontal |
| 4               | 5020               | 51.72             | -47.95         | 31.26    | -60.24         | -13.00         | 47.24          | Horizontal |
| 5               | 5905.7778          | 51.98             | -47.05         | 32.76    | -57.57         | -13.00         | 44.57          | Horizontal |
| 6               | 8564.8889          | 51.31             | -44.08         | 36.92    | -51.10         | -13.00         | 38.10          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1534.6667          | 51.07             | -49.86         | 25.04    | -69.01         | -13.00         | 56.01          | Vertical |
| 2               | 2644               | 52.05             | -49.10         | 27.46    | -64.85         | -13.00         | 51.85          | Vertical |
| 3               | 3438.2222          | 51.03             | -48.59         | 28.45    | -64.37         | -13.00         | 51.37          | Vertical |
| 4               | 4957.7778          | 55.29             | -48.05         | 31.11    | -56.91         | -13.00         | 43.91          | Vertical |
| 5               | 7206.2222          | 59.39             | -46.17         | 35.87    | -46.17         | -13.00         | 33.17          | Vertical |
| 6               | 8675.1111          | 51.85             | -44.20         | 37.04    | -50.57         | -13.00         | 37.57          | Vertical |

**1.8. Test Band = WCDMA Band 5\_ TM1****1.8.1. Test Channel = Mid**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1675.1111          | 54.31             | -49.77         | 25.61    | -65.11         | -13.00         | 52.11          | Horizontal |
| 2               | 2419.5556          | 56.21             | -49.37         | 27.06    | -61.36         | -13.00         | 48.36          | Horizontal |
| 3               | 3597.3333          | 53.80             | -48.48         | 28.66    | -61.28         | -13.00         | 48.28          | Horizontal |
| 4               | 5022.2222          | 51.01             | -47.95         | 31.26    | -60.94         | -13.00         | 47.94          | Horizontal |
| 5               | 7295.5556          | 51.97             | -46.09         | 36.03    | -53.35         | -13.00         | 40.35          | Horizontal |
| 6               | 8797.3333          | 52.05             | -44.05         | 37.18    | -50.08         | -13.00         | 37.08          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1674.2222          | 52.59             | -49.77         | 25.61    | -66.83         | -13.00         | 53.83          | Vertical |
| 2               | 2512.4444          | 53.99             | -48.93         | 27.22    | -62.98         | -13.00         | 49.98          | Vertical |
| 3               | 3600               | 54.08             | -48.48         | 28.66    | -61.00         | -13.00         | 48.00          | Vertical |
| 4               | 4952.4444          | 51.29             | -48.06         | 31.10    | -60.93         | -13.00         | 47.93          | Vertical |
| 5               | 6768               | 52.00             | -46.86         | 35.13    | -54.99         | -13.00         | 41.99          | Vertical |
| 6               | 8365.7778          | 52.17             | -44.25         | 36.70    | -50.64         | -13.00         | 37.64          | Vertical |

**1.9. Test Band = WCDMA Band 5\_ TM1****1.9.1. Test Channel = High**

| Final Data List |                    |                   |                |          |                |                |                |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1674.6667          | 56.11             | -49.77         | 25.61    | -63.31         | -13.00         | 50.31          | Horizontal |
| 2               | 2248.4444          | 51.44             | -49.32         | 26.75    | -66.39         | -13.00         | 53.39          | Horizontal |
| 3               | 3167.5556          | 52.23             | -48.72         | 28.23    | -63.51         | -13.00         | 50.51          | Horizontal |
| 4               | 4959.5556          | 54.58             | -48.04         | 31.11    | -57.61         | -13.00         | 44.61          | Horizontal |
| 5               | 6468               | 51.58             | -47.13         | 34.58    | -56.23         | -13.00         | 43.23          | Horizontal |
| 6               | 8383.1111          | 51.97             | -44.11         | 36.72    | -50.68         | -13.00         | 37.68          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1674.6667          | 53.09             | -49.77         | 25.61    | -66.33         | -13.00         | 53.33          | Vertical |
| 2               | 2477.3333          | 54.84             | -49.03         | 27.16    | -62.29         | -13.00         | 49.29          | Vertical |
| 3               | 3600               | 53.40             | -48.48         | 28.66    | -61.68         | -13.00         | 48.68          | Vertical |
| 4               | 4957.7778          | 60.23             | -48.05         | 31.11    | -51.97         | -13.00         | 38.97          | Vertical |
| 5               | 7041.7778          | 51.30             | -46.39         | 35.58    | -54.78         | -13.00         | 41.78          | Vertical |
| 6               | 8847.5556          | 52.32             | -44.06         | 37.23    | -49.77         | -13.00         | 36.77          | Vertical |

- End of the Report -