

# Appendix B.4

## LTE Band 5



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**Effective (Isotropic) Radiated Power Output Data**

B5\_10MHz\_ERP

Test ResultAnt0

| Band: 5 / Bandwidth: 10MHz / NTN |                 |               |        |                       |            |           |         |         |      |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) |         | Verdict |      |
|                                  |                 | Size          | Offset |                       |            | Result    | Limit   |         |      |
| QPSK                             | 829             | 1             | 0      | 22.79                 | 2.68       | 23.32     | <=38.45 | Pass    |      |
|                                  |                 |               | 25     | 22.76                 | 2.68       | 23.29     | <=38.45 | Pass    |      |
|                                  |                 |               | 49     | 22.81                 | 2.68       | 23.34     | <=38.45 | Pass    |      |
|                                  |                 | 25            | 0      | 21.94                 | 2.68       | 22.47     | <=38.45 | Pass    |      |
|                                  |                 |               | 13     | 22.01                 | 2.68       | 22.54     | <=38.45 | Pass    |      |
|                                  |                 |               | 25     | 22                    | 2.68       | 22.53     | <=38.45 | Pass    |      |
|                                  |                 | 50            | 0      | 22.03                 | 2.68       | 22.56     | <=38.45 | Pass    |      |
|                                  |                 |               | 1      | 0                     | 22.94      | 2.68      | 23.47   | <=38.45 | Pass |
|                                  |                 |               |        | 25                    | 22.9       | 2.68      | 23.43   | <=38.45 | Pass |
|                                  | 49              | 22.84         |        | 2.68                  | 23.37      | <=38.45   | Pass    |         |      |
|                                  | 836.5           | 25            | 0      | 22.03                 | 2.68       | 22.56     | <=38.45 | Pass    |      |
|                                  |                 |               | 13     | 22.04                 | 2.68       | 22.57     | <=38.45 | Pass    |      |
|                                  |                 |               | 25     | 22.01                 | 2.68       | 22.54     | <=38.45 | Pass    |      |
|                                  |                 | 50            | 0      | 22                    | 2.68       | 22.53     | <=38.45 | Pass    |      |
|                                  |                 |               | 1      | 0                     | 22.8       | 2.68      | 23.33   | <=38.45 | Pass |
|                                  |                 |               |        | 25                    | 22.64      | 2.68      | 23.17   | <=38.45 | Pass |
|                                  | 49              | 22.62         |        | 2.68                  | 23.15      | <=38.45   | Pass    |         |      |
|                                  | 844             | 25            | 0      | 21.96                 | 2.68       | 22.49     | <=38.45 | Pass    |      |
|                                  |                 |               | 13     | 21.83                 | 2.68       | 22.36     | <=38.45 | Pass    |      |
|                                  |                 |               | 25     | 21.81                 | 2.68       | 22.34     | <=38.45 | Pass    |      |
|                                  |                 | 50            | 0      | 21.76                 | 2.68       | 22.29     | <=38.45 | Pass    |      |

Note1: ERP=Conducted Power+Antenna Gain-2.15

---End of Attachment---



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