

|        |    |    |      |     |           |                |       |
|--------|----|----|------|-----|-----------|----------------|-------|
| B5-n66 | 30 | 15 | 1725 | DFT | 256QAM    | Edge_1RB_Left  | 19.14 |
| B5-n66 | 30 | 15 | 1725 | DFT | 256QAM    | Edge_1RB_Right | 19.17 |
| B5-n66 | 30 | 15 | 1725 | DFT | 256QAM    | Outer_Full     | 19.69 |
| B5-n66 | 30 | 15 | 1725 | CP  | QPSK      | Inner_Full     | 22.72 |
| B5-n66 | 30 | 15 | 1725 | CP  | QPSK      | Edge_1RB_Left  | 21.39 |
| B5-n66 | 30 | 15 | 1725 | CP  | QPSK      | Edge_1RB_Right | 21.41 |
| B5-n66 | 30 | 15 | 1725 | CP  | QPSK      | Outer_Full     | 21.21 |
| B5-n66 | 30 | 15 | 1725 | CP  | 16QAM     | Inner_Full     | 22.22 |
| B5-n66 | 30 | 15 | 1725 | CP  | 16QAM     | Edge_1RB_Left  | 21.43 |
| B5-n66 | 30 | 15 | 1725 | CP  | 16QAM     | Edge_1RB_Right | 21.28 |
| B5-n66 | 30 | 15 | 1725 | CP  | 16QAM     | Outer_Full     | 21.26 |
| B5-n66 | 30 | 15 | 1725 | CP  | 64QAM     | Inner_Full     | 20.71 |
| B5-n66 | 30 | 15 | 1725 | CP  | 64QAM     | Edge_1RB_Left  | 20.53 |
| B5-n66 | 30 | 15 | 1725 | CP  | 64QAM     | Edge_1RB_Right | 20.56 |
| B5-n66 | 30 | 15 | 1725 | CP  | 64QAM     | Outer_Full     | 20.73 |
| B5-n66 | 30 | 15 | 1725 | CP  | 256QAM    | Inner_Full     | 17.77 |
| B5-n66 | 30 | 15 | 1725 | CP  | 256QAM    | Edge_1RB_Left  | 17.02 |
| B5-n66 | 30 | 15 | 1725 | CP  | 256QAM    | Edge_1RB_Right | 17.32 |
| B5-n66 | 30 | 15 | 1725 | CP  | 256QAM    | Outer_Full     | 17.72 |
| B5-n66 | 30 | 15 | 1745 | DFT | pi/2 BPSK | Inner_Full     | 24.24 |
| B5-n66 | 30 | 15 | 1745 | DFT | pi/2 BPSK | Edge_1RB_Left  | 23.67 |
| B5-n66 | 30 | 15 | 1745 | DFT | pi/2 BPSK | Edge_1RB_Right | 23.56 |
| B5-n66 | 30 | 15 | 1745 | DFT | pi/2 BPSK | Outer_Full     | 23.61 |
| B5-n66 | 30 | 15 | 1745 | DFT | QPSK      | Inner_Full     | 24.12 |
| B5-n66 | 30 | 15 | 1745 | DFT | QPSK      | Edge_1RB_Left  | 23.06 |
| B5-n66 | 30 | 15 | 1745 | DFT | QPSK      | Edge_1RB_Right | 22.93 |
| B5-n66 | 30 | 15 | 1745 | DFT | QPSK      | Outer_Full     | 23.15 |
| B5-n66 | 30 | 15 | 1745 | DFT | 16QAM     | Inner_Full     | 23.10 |
| B5-n66 | 30 | 15 | 1745 | DFT | 16QAM     | Edge_1RB_Left  | 22.25 |
| B5-n66 | 30 | 15 | 1745 | DFT | 16QAM     | Edge_1RB_Right | 22.03 |
| B5-n66 | 30 | 15 | 1745 | DFT | 16QAM     | Outer_Full     | 22.08 |
| B5-n66 | 30 | 15 | 1745 | DFT | 64QAM     | Inner_Full     | 21.55 |
| B5-n66 | 30 | 15 | 1745 | DFT | 64QAM     | Edge_1RB_Left  | 21.42 |
| B5-n66 | 30 | 15 | 1745 | DFT | 64QAM     | Edge_1RB_Right | 21.31 |
| B5-n66 | 30 | 15 | 1745 | DFT | 64QAM     | Outer_Full     | 21.57 |
| B5-n66 | 30 | 15 | 1745 | DFT | 256QAM    | Inner_Full     | 19.64 |
| B5-n66 | 30 | 15 | 1745 | DFT | 256QAM    | Edge_1RB_Left  | 19.07 |
| B5-n66 | 30 | 15 | 1745 | DFT | 256QAM    | Edge_1RB_Right | 19.12 |
| B5-n66 | 30 | 15 | 1745 | DFT | 256QAM    | Outer_Full     | 19.63 |
| B5-n66 | 30 | 15 | 1745 | CP  | QPSK      | Inner_Full     | 22.73 |
| B5-n66 | 30 | 15 | 1745 | CP  | QPSK      | Edge_1RB_Left  | 21.24 |

|        |    |    |      |     |           |                |       |
|--------|----|----|------|-----|-----------|----------------|-------|
| B5-n66 | 30 | 15 | 1745 | CP  | QPSK      | Edge_1RB_Right | 21.23 |
| B5-n66 | 30 | 15 | 1745 | CP  | QPSK      | Outer_Full     | 21.02 |
| B5-n66 | 30 | 15 | 1745 | CP  | 16QAM     | Inner_Full     | 22.07 |
| B5-n66 | 30 | 15 | 1745 | CP  | 16QAM     | Edge_1RB_Left  | 21.23 |
| B5-n66 | 30 | 15 | 1745 | CP  | 16QAM     | Edge_1RB_Right | 21.19 |
| B5-n66 | 30 | 15 | 1745 | CP  | 16QAM     | Outer_Full     | 21.09 |
| B5-n66 | 30 | 15 | 1745 | CP  | 64QAM     | Inner_Full     | 20.57 |
| B5-n66 | 30 | 15 | 1745 | CP  | 64QAM     | Edge_1RB_Left  | 20.54 |
| B5-n66 | 30 | 15 | 1745 | CP  | 64QAM     | Edge_1RB_Right | 20.50 |
| B5-n66 | 30 | 15 | 1745 | CP  | 64QAM     | Outer_Full     | 20.53 |
| B5-n66 | 30 | 15 | 1745 | CP  | 256QAM    | Inner_Full     | 17.68 |
| B5-n66 | 30 | 15 | 1745 | CP  | 256QAM    | Edge_1RB_Left  | 17.11 |
| B5-n66 | 30 | 15 | 1745 | CP  | 256QAM    | Edge_1RB_Right | 17.25 |
| B5-n66 | 30 | 15 | 1745 | CP  | 256QAM    | Outer_Full     | 17.58 |
| B5-n66 | 30 | 15 | 1765 | DFT | pi/2 BPSK | Inner_Full     | 24.09 |
| B5-n66 | 30 | 15 | 1765 | DFT | pi/2 BPSK | Edge_1RB_Left  | 23.58 |
| B5-n66 | 30 | 15 | 1765 | DFT | pi/2 BPSK | Edge_1RB_Right | 23.62 |
| B5-n66 | 30 | 15 | 1765 | DFT | pi/2 BPSK | Outer_Full     | 23.64 |
| B5-n66 | 30 | 15 | 1765 | DFT | QPSK      | Inner_Full     | 24.14 |
| B5-n66 | 30 | 15 | 1765 | DFT | QPSK      | Edge_1RB_Left  | 22.96 |
| B5-n66 | 30 | 15 | 1765 | DFT | QPSK      | Edge_1RB_Right | 22.93 |
| B5-n66 | 30 | 15 | 1765 | DFT | QPSK      | Outer_Full     | 23.21 |
| B5-n66 | 30 | 15 | 1765 | DFT | 16QAM     | Inner_Full     | 23.09 |
| B5-n66 | 30 | 15 | 1765 | DFT | 16QAM     | Edge_1RB_Left  | 22.05 |
| B5-n66 | 30 | 15 | 1765 | DFT | 16QAM     | Edge_1RB_Right | 21.87 |
| B5-n66 | 30 | 15 | 1765 | DFT | 16QAM     | Outer_Full     | 22.17 |
| B5-n66 | 30 | 15 | 1765 | DFT | 64QAM     | Inner_Full     | 21.67 |
| B5-n66 | 30 | 15 | 1765 | DFT | 64QAM     | Edge_1RB_Left  | 21.37 |
| B5-n66 | 30 | 15 | 1765 | DFT | 64QAM     | Edge_1RB_Right | 21.36 |
| B5-n66 | 30 | 15 | 1765 | DFT | 64QAM     | Outer_Full     | 21.69 |
| B5-n66 | 30 | 15 | 1765 | DFT | 256QAM    | Inner_Full     | 19.71 |
| B5-n66 | 30 | 15 | 1765 | DFT | 256QAM    | Edge_1RB_Left  | 19.13 |
| B5-n66 | 30 | 15 | 1765 | DFT | 256QAM    | Edge_1RB_Right | 19.15 |
| B5-n66 | 30 | 15 | 1765 | DFT | 256QAM    | Outer_Full     | 19.65 |
| B5-n66 | 30 | 15 | 1765 | CP  | QPSK      | Inner_Full     | 22.65 |
| B5-n66 | 30 | 15 | 1765 | CP  | QPSK      | Edge_1RB_Left  | 21.22 |
| B5-n66 | 30 | 15 | 1765 | CP  | QPSK      | Edge_1RB_Right | 21.29 |
| B5-n66 | 30 | 15 | 1765 | CP  | QPSK      | Outer_Full     | 21.15 |
| B5-n66 | 30 | 15 | 1765 | CP  | 16QAM     | Inner_Full     | 22.16 |
| B5-n66 | 30 | 15 | 1765 | CP  | 16QAM     | Edge_1RB_Left  | 21.30 |
| B5-n66 | 30 | 15 | 1765 | CP  | 16QAM     | Edge_1RB_Right | 21.22 |



|        |    |    |      |    |        |                |       |
|--------|----|----|------|----|--------|----------------|-------|
| B5-n66 | 30 | 15 | 1765 | CP | 16QAM  | Outer_Full     | 21.15 |
| B5-n66 | 30 | 15 | 1765 | CP | 64QAM  | Inner_Full     | 20.55 |
| B5-n66 | 30 | 15 | 1765 | CP | 64QAM  | Edge_1RB_Left  | 20.46 |
| B5-n66 | 30 | 15 | 1765 | CP | 64QAM  | Edge_1RB_Right | 20.52 |
| B5-n66 | 30 | 15 | 1765 | CP | 64QAM  | Outer_Full     | 20.70 |
| B5-n66 | 30 | 15 | 1765 | CP | 256QAM | Inner_Full     | 17.80 |
| B5-n66 | 30 | 15 | 1765 | CP | 256QAM | Edge_1RB_Left  | 17.08 |
| B5-n66 | 30 | 15 | 1765 | CP | 256QAM | Edge_1RB_Right | 17.34 |
| B5-n66 | 30 | 15 | 1765 | CP | 256QAM | Outer_Full     | 17.73 |

**n77L-SRS-Ant4**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n77L | 20      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.56         |
| n77L | 30      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.73         |
| n77L | 40      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.72         |
| n77L | 60      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.41         |
| n77L | 80      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.11         |

**n77L-SRS-Ant7**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n77L | 20      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.33         |
| n77L | 30      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.31         |
| n77L | 40      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.31         |
| n77L | 60      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.18         |
| n77L | 80      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 22.98         |

**n77L-SRS-Ant3**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n77L | 20      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.89         |
| n77L | 30      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.84         |
| n77L | 40      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.88         |
| n77L | 60      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.81         |
| n77L | 80      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.55         |

**n77H-SRS-Ant4**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n77H | 20      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 21.12         |
| n77H | 30      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 21.05         |
| n77H | 40      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 21.08         |
| n77H | 60      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.83         |
| n77H | 80      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.82         |
| n77H | 100     | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.72         |

**n77H-SRS-Ant7**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n77H | 20      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.56         |
| n77H | 30      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.51         |
| n77H | 40      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.52         |
| n77H | 60      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.37         |
| n77H | 80      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.27         |
| n77H | 100     | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.24         |

**n77H-SRS-Ant3**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n77H | 20      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.88         |
| n77H | 30      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.85         |
| n77H | 40      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.84         |
| n77H | 60      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.65         |
| n77H | 80      | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.61         |
| n77H | 100     | 30       | 3840       | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.57         |

**n78L-SRS-Ant4**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n78L | 20      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.61         |
| n78L | 30      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.63         |
| n78L | 40      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.63         |
| n78L | 50      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.45         |
| n78L | 60      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.41         |
| n78L | 70      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.35         |
| n78L | 80      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.32         |
| n78L | 90      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 20.27         |

**n78L-SRS-Ant7**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n78L | 20      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.36         |
| n78L | 30      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.41         |
| n78L | 40      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.36         |
| n78L | 50      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.22         |
| n78L | 60      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.26         |
| n78L | 70      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.21         |
| n78L | 80      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.17         |
| n78L | 90      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 23.03         |

**n78L-SRS-Ant3**

| Band | BW(MHz) | SCS(kHz) | Freq (MHz) | OFDM | Modulation    | RB Allocation | NR Power(dBm) |
|------|---------|----------|------------|------|---------------|---------------|---------------|
| n78L | 20      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.93         |
| n78L | 30      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.95         |
| n78L | 40      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.97         |
| n78L | 50      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.77         |
| n78L | 60      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.81         |
| n78L | 70      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.75         |
| n78L | 80      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.76         |
| n78L | 90      | 30       | 3500.01    | DFT  | DFT PI/2 BPSK | Inner_Full    | 18.72         |

Note: The maximum value of expanded measurement uncertainty for this test item is  $U = 0.764$  dB,  $k = 2$ .

### A.1.3 Radiated

#### A.1.3.1 Description

This is the test for the maximum radiated power from the EUT.

**NR n2/n25:** Rule Part 24.232(c) specifies "Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications."

**NR n5/26(824MHz~849MHz):** Rule Part 22.913(a) specifies "Mobile and portable stations are limited to 7 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications."

**NR n26(814MHz~824MHz):** Part 90.635(b) specifies "The maximum output power of the transmitter for mobile stations is 100 watts (50dBm)".

**NR n41:** Rule Part 27.50(h) (2) specifies "Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power. "

**NR Band 66/70:** Part 27.50(d)(4) specifies "Fixed, mobile, and portable(handheld) stations operating in the 1710–1755 MHz band and mobile and portable stations operating in the 1695–1710 MHz and 1755–1780 MHz bands are limited to 1 watt EIRP".

**NR Band 71:** 27.50(c)(10) specifies " Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP ".

**NR Band 30:** Rule Part 27.50(a)(3) specifies "For mobile and portable stations transmitting in the 2305–2315 MHz band or the 2350–2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth."

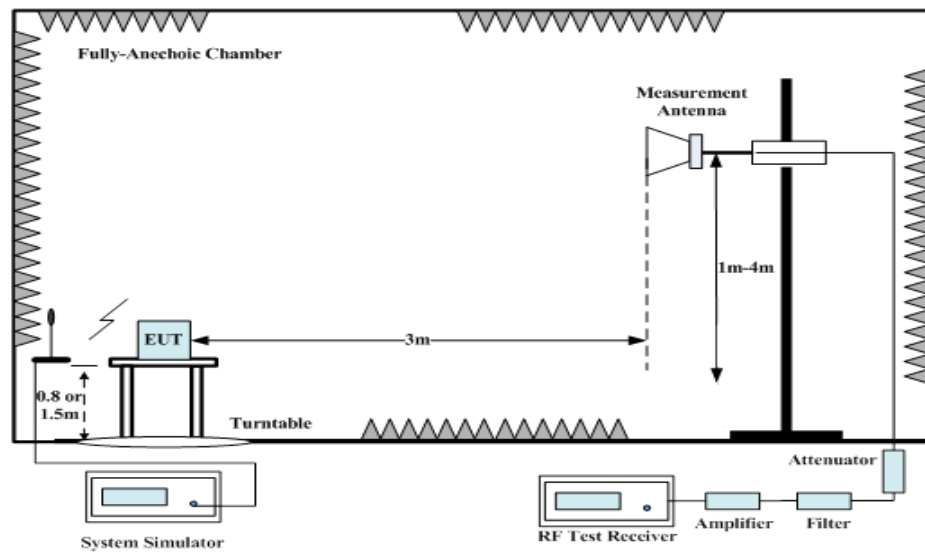
**NR Band 77L/78L:** Rule Part 27.50(k) (3) Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

**NR Band 77H:** Rule Part 27.50(j) (3) Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

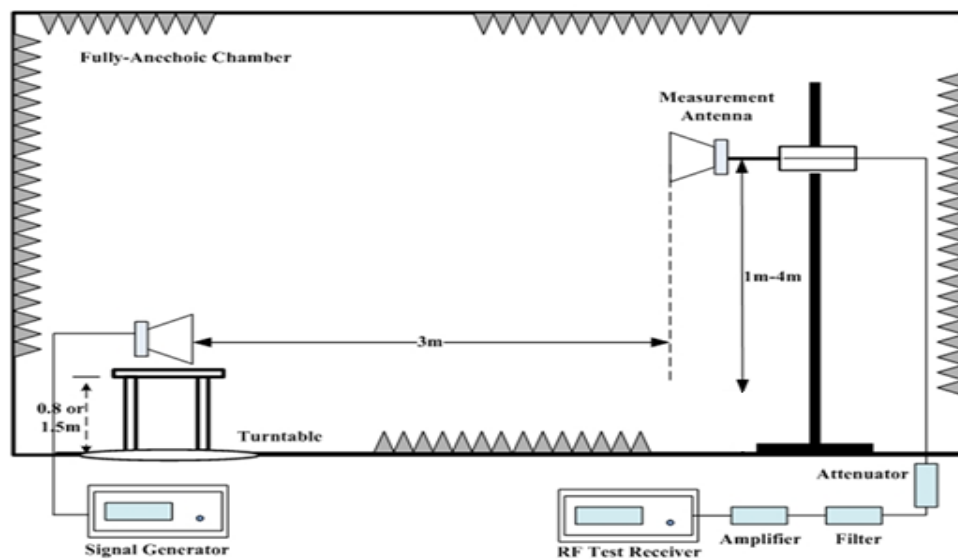
#### A.1.3.2 Method of Measurement

The measurements procedures in ANSI C63.26 are used.

1. EUT was placed on a 0.8/1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The receiving antenna shall be varied from 1 to 4m in height above the reference ground. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and the EUT is manipulated through all orthogonal planes representative of its typical use. The test is carried out with both vertical and horizontal polarization of the receiving antenna. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with rms detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as ( $P_r$ ).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power ( $P_{Mea}$ ) is applied to the input of the substitution antenna. Adjust the level of the signal generator output until the value of the receiver reaches the previously recorded ( $P_r$ ). The power of signal source ( $P_{Mea}$ ) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. An amplifier should be connected to the Signal Source output port. And the cable should be connected between the amplifier and the substitution antenna. The cable loss ( $P_{cl}$ ), the substitution antenna Gain ( $G_a$ ) and the amplifier Gain ( $P_{Ag}$ ) should be recorded after test.



The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{\text{Mea}} + P_{\text{Ag}} - P_{\text{cl}} + G_a$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole,  $\text{ERP} = \text{EIRP} - 2.15$ .
7. For NR operation, all subcarrier spacing (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and worst case configuration results are reported in this section.

The antenna gain provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

### A.1.3.3 Measurement result

#### NR n2(ANT0)-EIRP

Limits:  $\leq 33\text{dBm}$  (2W)

| Mod.      | Bandwidth | Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | P <sub>Ag</sub> (dB) | G <sub>a</sub> (dBi) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Ant.Pol |
|-----------|-----------|-----------------|------------------------|----------------------|----------------------|----------------------|------------|-------------|-------------|---------|
| pi/2 BPSK | 5MHz      | 1852.50         | -22.39                 | 2.87                 | 43.75                | 4.87                 | 23.36      | 33.00       | 9.64        | V       |
|           |           | 1880.00         | -22.61                 | 2.85                 | 43.75                | 4.82                 | 23.11      | 33.00       | 9.89        | V       |
|           |           | 1907.50         | -22.50                 | 2.84                 | 43.77                | 4.77                 | 23.20      | 33.00       | 9.80        | V       |
|           | 10MHz     | 1855.00         | -22.35                 | 2.88                 | 43.74                | 4.86                 | 23.37      | 33.00       | 9.63        | V       |
|           |           | 1880.00         | -22.63                 | 2.85                 | 43.75                | 4.82                 | 23.09      | 33.00       | 9.91        | V       |
|           |           | 1905.00         | -22.55                 | 2.87                 | 43.77                | 4.77                 | 23.12      | 33.00       | 9.88        | V       |
|           | 15MHz     | 1857.50         | -22.51                 | 2.87                 | 43.75                | 4.86                 | 23.23      | 33.00       | 9.77        | V       |
|           |           | 1880.00         | -22.80                 | 2.85                 | 43.75                | 4.82                 | 22.92      | 33.00       | 10.08       | V       |
|           |           | 1902.50         | -22.43                 | 2.86                 | 43.77                | 4.78                 | 23.26      | 33.00       | 9.74        | V       |
|           | 20MHz     | 1860.00         | -22.53                 | 2.86                 | 43.75                | 4.85                 | 23.21      | 33.00       | 9.79        | V       |
|           |           | 1880.00         | -22.84                 | 2.85                 | 43.75                | 4.82                 | 22.88      | 33.00       | 10.12       | V       |
|           |           | 1900.00         | -22.34                 | 2.87                 | 43.77                | 4.78                 | 23.34      | 33.00       | 9.66        | V       |
| QPSK      | 5MHz      | 1852.50         | -22.19                 | 2.87                 | 43.75                | 4.87                 | 23.56      | 33.00       | 9.44        | V       |
|           |           | 1880.00         | -22.46                 | 2.85                 | 43.75                | 4.82                 | 23.26      | 33.00       | 9.74        | V       |
|           |           | 1907.50         | -22.61                 | 2.84                 | 43.77                | 4.77                 | 23.09      | 33.00       | 9.91        | V       |
|           | 10MHz     | 1855.00         | -22.19                 | 2.88                 | 43.74                | 4.86                 | 23.54      | 33.00       | 9.46        | V       |
|           |           | 1880.00         | -22.46                 | 2.85                 | 43.75                | 4.82                 | 23.26      | 33.00       | 9.74        | V       |
|           |           | 1905.00         | -22.61                 | 2.87                 | 43.77                | 4.77                 | 23.06      | 33.00       | 9.94        | V       |
|           | 15MHz     | 1857.50         | -22.19                 | 2.87                 | 43.75                | 4.86                 | 23.55      | 33.00       | 9.45        | V       |
|           |           | 1880.00         | -22.46                 | 2.85                 | 43.75                | 4.82                 | 23.26      | 33.00       | 9.74        | V       |
|           |           | 1902.50         | -22.61                 | 2.86                 | 43.77                | 4.78                 | 23.08      | 33.00       | 9.92        | V       |
|           | 20MHz     | 1860.00         | -22.19                 | 2.86                 | 43.75                | 4.85                 | 23.56      | 33.00       | 9.44        | V       |
|           |           | 1880.00         | -22.46                 | 2.85                 | 43.75                | 4.82                 | 23.26      | 33.00       | 9.74        | V       |
|           |           | 1900.00         | -22.61                 | 2.87                 | 43.77                | 4.78                 | 23.07      | 33.00       | 9.93        | V       |
| 16QAM     | 5MHz      | 1852.50         | -23.52                 | 2.87                 | 43.75                | 4.87                 | 22.23      | 33.00       | 10.77       | V       |
|           |           | 1880.00         | -23.68                 | 2.85                 | 43.75                | 4.82                 | 22.04      | 33.00       | 10.96       | V       |
|           |           | 1907.50         | -23.50                 | 2.84                 | 43.77                | 4.77                 | 22.20      | 33.00       | 10.80       | V       |
|           | 10MHz     | 1855.00         | -23.46                 | 2.88                 | 43.74                | 4.86                 | 22.26      | 33.00       | 10.74       | V       |
|           |           | 1880.00         | -23.65                 | 2.85                 | 43.75                | 4.82                 | 22.07      | 33.00       | 10.93       | V       |
|           |           | 1905.00         | -23.56                 | 2.87                 | 43.77                | 4.77                 | 22.11      | 33.00       | 10.89       | V       |
|           | 15MHz     | 1857.50         | -23.57                 | 2.87                 | 43.75                | 4.86                 | 22.17      | 33.00       | 10.83       | V       |
|           |           | 1880.00         | -23.86                 | 2.85                 | 43.75                | 4.82                 | 21.86      | 33.00       | 11.14       | V       |
|           |           | 1902.50         | -23.25                 | 2.86                 | 43.77                | 4.78                 | 22.44      | 33.00       | 10.56       | V       |
|           | 20MHz     | 1860.00         | -24.07                 | 2.86                 | 43.75                | 4.85                 | 21.67      | 33.00       | 11.33       | V       |
|           |           | 1880.00         | -24.36                 | 2.85                 | 43.75                | 4.82                 | 21.36      | 33.00       | 11.64       | V       |
|           |           | 1900.00         | -23.98                 | 2.87                 | 43.77                | 4.78                 | 21.70      | 33.00       | 11.30       | V       |
| 64Q AM    | 5MHz      | 1852.50         | -24.35                 | 2.87                 | 43.75                | 4.87                 | 21.40      | 33.00       | 11.60       | V       |
|           | 10MHz     | 1855.00         | -24.22                 | 2.88                 | 43.74                | 4.86                 | 21.50      | 33.00       | 11.50       | V       |
|           | 15MHz     | 1902.50         | -24.76                 | 2.86                 | 43.77                | 4.78                 | 20.93      | 33.00       | 12.07       | V       |
|           | 20MHz     | 1900.00         | -24.98                 | 2.87                 | 43.77                | 4.78                 | 20.70      | 33.00       | 12.30       | V       |
| 256QAM    | 5MHz      | 1852.50         | -26.56                 | 2.87                 | 43.75                | 4.87                 | 19.19      | 33.00       | 13.81       | V       |
|           | 10MHz     | 1855.00         | -26.45                 | 2.88                 | 43.74                | 4.86                 | 19.27      | 33.00       | 13.73       | V       |
|           | 15MHz     | 1857.50         | -26.74                 | 2.87                 | 43.75                | 4.86                 | 19.00      | 33.00       | 14.00       | V       |
|           | 20MHz     | 1860.00         | -26.82                 | 2.86                 | 43.75                | 4.85                 | 18.92      | 33.00       | 14.08       | V       |

**NR B12-n2(ANT4)-EIRP**
**Limits: ≤33dBm (2W)**

| Mod.      | Bandwidth | Frequency<br>(MHz) | P <sub>Mea</sub><br>(dBm) | P <sub>cl</sub><br>(dB) | P <sub>Ag</sub><br>(dB) | G <sub>a</sub><br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Ant.Pol |
|-----------|-----------|--------------------|---------------------------|-------------------------|-------------------------|-------------------------|---------------|----------------|----------------|---------|
| pi/2 BPSK | 5MHz      | 1852.50            | -21.78                    | 2.87                    | 43.75                   | 4.87                    | 23.97         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.36                    | 2.85                    | 43.75                   | 4.82                    | 23.36         | 33.00          | 8.14           | H       |
|           |           | 1907.50            | -23.10                    | 2.84                    | 43.77                   | 4.77                    | 22.60         | 33.00          | 8.90           | H       |
|           | 10MHz     | 1855.00            | -21.85                    | 2.88                    | 43.74                   | 4.86                    | 23.87         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.42                    | 2.85                    | 43.75                   | 4.82                    | 23.30         | 33.00          | 8.14           | H       |
|           |           | 1905.00            | -23.21                    | 2.87                    | 43.77                   | 4.77                    | 22.46         | 33.00          | 8.90           | H       |
|           | 15MHz     | 1857.50            | -21.88                    | 2.87                    | 43.75                   | 4.86                    | 23.86         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.60                    | 2.85                    | 43.75                   | 4.82                    | 23.12         | 33.00          | 8.14           | H       |
|           |           | 1902.50            | -23.26                    | 2.86                    | 43.77                   | 4.78                    | 22.43         | 33.00          | 8.90           | H       |
|           | 20MHz     | 1860.00            | -22.09                    | 2.86                    | 43.75                   | 4.85                    | 23.65         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.57                    | 2.85                    | 43.75                   | 4.82                    | 23.15         | 33.00          | 8.14           | H       |
|           |           | 1900.00            | -23.01                    | 2.87                    | 43.77                   | 4.78                    | 22.67         | 33.00          | 8.90           | H       |
| QPSK      | 5MHz      | 1852.50            | -21.75                    | 2.87                    | 43.75                   | 4.87                    | 24.00         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.31                    | 2.85                    | 43.75                   | 4.82                    | 23.41         | 33.00          | 8.14           | H       |
|           |           | 1907.50            | -23.08                    | 2.84                    | 43.77                   | 4.77                    | 22.62         | 33.00          | 8.90           | H       |
|           | 10MHz     | 1855.00            | -21.73                    | 2.88                    | 43.74                   | 4.86                    | 23.99         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.41                    | 2.85                    | 43.75                   | 4.82                    | 23.31         | 33.00          | 8.14           | H       |
|           |           | 1905.00            | -23.29                    | 2.87                    | 43.77                   | 4.77                    | 22.38         | 33.00          | 8.90           | H       |
|           | 15MHz     | 1857.50            | -21.94                    | 2.87                    | 43.75                   | 4.86                    | 23.80         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.60                    | 2.85                    | 43.75                   | 4.82                    | 23.12         | 33.00          | 8.14           | H       |
|           |           | 1902.50            | -23.19                    | 2.86                    | 43.77                   | 4.78                    | 22.50         | 33.00          | 8.90           | H       |
|           | 20MHz     | 1860.00            | -22.07                    | 2.86                    | 43.75                   | 4.85                    | 23.67         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -22.49                    | 2.85                    | 43.75                   | 4.82                    | 23.23         | 33.00          | 8.14           | H       |
|           |           | 1900.00            | -22.98                    | 2.87                    | 43.77                   | 4.78                    | 22.70         | 33.00          | 8.90           | H       |
| 16QAM     | 5MHz      | 1852.50            | -23.15                    | 2.87                    | 43.75                   | 4.87                    | 22.60         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -23.61                    | 2.85                    | 43.75                   | 4.82                    | 22.11         | 33.00          | 8.14           | H       |
|           |           | 1907.50            | -24.34                    | 2.84                    | 43.77                   | 4.77                    | 21.36         | 33.00          | 8.90           | H       |
|           | 10MHz     | 1855.00            | -22.97                    | 2.88                    | 43.74                   | 4.86                    | 22.75         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -23.72                    | 2.85                    | 43.75                   | 4.82                    | 22.00         | 33.00          | 8.14           | H       |
|           |           | 1905.00            | -24.61                    | 2.87                    | 43.77                   | 4.77                    | 21.06         | 33.00          | 8.90           | H       |
|           | 15MHz     | 1857.50            | -23.16                    | 2.87                    | 43.75                   | 4.86                    | 22.58         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -23.74                    | 2.85                    | 43.75                   | 4.82                    | 21.98         | 33.00          | 8.14           | H       |
|           |           | 1902.50            | -24.50                    | 2.86                    | 43.77                   | 4.78                    | 21.19         | 33.00          | 8.90           | H       |
|           | 20MHz     | 1860.00            | -23.34                    | 2.86                    | 43.75                   | 4.85                    | 22.40         | 33.00          | 6.53           | H       |
|           |           | 1880.00            | -23.74                    | 2.85                    | 43.75                   | 4.82                    | 21.98         | 33.00          | 8.14           | H       |
|           |           | 1900.00            | -24.25                    | 2.87                    | 43.77                   | 4.78                    | 21.43         | 33.00          | 8.90           | H       |
| 64Q AM    | 5MHz      | 1852.50            | -24.14                    | 2.87                    | 43.75                   | 4.87                    | 21.61         | 33.00          | 6.53           | H       |
|           | 10MHz     | 1855.00            | -23.92                    | 2.88                    | 43.74                   | 4.86                    | 21.80         | 33.00          | 6.53           | H       |
|           | 15MHz     | 1857.50            | -24.14                    | 2.87                    | 43.75                   | 4.86                    | 21.60         | 33.00          | 6.53           | H       |
|           | 20MHz     | 1860.00            | -24.35                    | 2.86                    | 43.75                   | 4.85                    | 21.39         | 33.00          | 6.53           | H       |
| 256QAM    | 5MHz      | 1852.50            | -26.20                    | 2.87                    | 43.75                   | 4.87                    | 19.55         | 33.00          | 6.53           | H       |
|           | 10MHz     | 1855.00            | -26.40                    | 2.88                    | 43.74                   | 4.86                    | 19.32         | 33.00          | 6.53           | H       |
|           | 15MHz     | 1857.50            | -26.31                    | 2.87                    | 43.75                   | 4.86                    | 19.43         | 33.00          | 6.53           | H       |
|           | 20MHz     | 1860.00            | -26.59                    | 2.86                    | 43.75                   | 4.85                    | 19.15         | 33.00          | 6.53           | H       |

**NR n5-ERP**
**Limits: ≤38.45dBm (7W)**

| Mod.         | Bandwidth | Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>d</sub> (dB) | P <sub>Ag</sub> (dB) | G <sub>a</sub> (dBi) | Correction (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) | Ant.Pol |
|--------------|-----------|-----------------|------------------------|---------------------|----------------------|----------------------|-----------------|-----------|-------------|-------------|---------|
| pi/2<br>BPSK | 5MHz      | 826.50          | -23.44                 | 2.25                | 45.77                | 0.93                 | 2.15            | 18.86     | 38.45       | 19.59       | H       |
|              |           | 836.50          | -23.03                 | 2.26                | 45.66                | 0.82                 | 2.15            | 19.04     | 38.45       | 19.41       | H       |
|              |           | 846.50          | -23.66                 | 2.26                | 45.56                | 0.82                 | 2.15            | 18.31     | 38.45       | 20.14       | H       |
|              | 10MHz     | 829.00          | -23.28                 | 2.25                | 45.77                | 0.90                 | 2.15            | 18.99     | 38.45       | 19.46       | H       |
|              |           | 836.50          | -23.12                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.95     | 38.45       | 19.50       | H       |
|              |           | 844.00          | -23.45                 | 2.26                | 45.59                | 0.82                 | 2.15            | 18.55     | 38.45       | 19.90       | H       |
|              | 15MHz     | 831.50          | -23.41                 | 2.12                | 45.71                | 0.87                 | 2.15            | 18.90     | 38.45       | 19.55       | H       |
|              |           | 836.50          | -23.14                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.93     | 38.45       | 19.52       | H       |
|              |           | 841.50          | -23.57                 | 2.26                | 45.61                | 0.82                 | 2.15            | 18.45     | 38.45       | 20.00       | H       |
|              | 20MHz     | 834.00          | -23.11                 | 2.20                | 45.69                | 0.85                 | 2.15            | 19.07     | 38.45       | 19.38       | H       |
|              |           | 836.50          | -23.15                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.92     | 38.45       | 19.53       | H       |
|              |           | 839.00          | -23.27                 | 2.26                | 45.64                | 0.82                 | 2.15            | 18.78     | 38.45       | 19.67       | H       |
| QPSK         | 5MHz      | 826.50          | -23.43                 | 2.25                | 45.77                | 0.93                 | 2.15            | 18.87     | 38.45       | 19.58       | H       |
|              |           | 836.50          | -23.09                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.98     | 38.45       | 19.47       | H       |
|              |           | 846.50          | -23.68                 | 2.26                | 45.56                | 0.82                 | 2.15            | 18.29     | 38.45       | 20.16       | H       |
|              | 10MHz     | 829.00          | -23.27                 | 2.25                | 45.77                | 0.90                 | 2.15            | 19.00     | 38.45       | 19.45       | H       |
|              |           | 836.50          | -23.10                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.97     | 38.45       | 19.48       | H       |
|              |           | 844.00          | -23.43                 | 2.26                | 45.59                | 0.82                 | 2.15            | 18.57     | 38.45       | 19.88       | H       |
|              | 15MHz     | 831.50          | -23.39                 | 2.12                | 45.71                | 0.87                 | 2.15            | 18.92     | 38.45       | 19.53       | H       |
|              |           | 836.50          | -23.09                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.98     | 38.45       | 19.47       | H       |
|              |           | 841.50          | -23.56                 | 2.26                | 45.61                | 0.82                 | 2.15            | 18.46     | 38.45       | 19.99       | H       |
|              | 20MHz     | 834.00          | -23.10                 | 2.20                | 45.69                | 0.85                 | 2.15            | 19.08     | 38.45       | 19.37       | H       |
|              |           | 836.50          | -23.13                 | 2.26                | 45.66                | 0.82                 | 2.15            | 18.94     | 38.45       | 19.51       | H       |
|              |           | 839.00          | -23.28                 | 2.26                | 45.64                | 0.82                 | 2.15            | 18.77     | 38.45       | 19.68       | H       |
| 16QAM        | 5MHz      | 826.50          | -24.41                 | 2.25                | 45.77                | 0.93                 | 2.15            | 17.89     | 38.45       | 20.56       | H       |
|              |           | 836.50          | -24.17                 | 2.26                | 45.66                | 0.82                 | 2.15            | 17.90     | 38.45       | 20.55       | H       |
|              |           | 846.50          | -24.83                 | 2.26                | 45.56                | 0.82                 | 2.15            | 17.14     | 38.45       | 21.31       | H       |
|              | 10MHz     | 829.00          | -24.38                 | 2.25                | 45.77                | 0.90                 | 2.15            | 17.89     | 38.45       | 20.56       | H       |
|              |           | 836.50          | -25.47                 | 2.26                | 45.66                | 0.82                 | 2.15            | 16.60     | 38.45       | 21.85       | H       |
|              |           | 844.00          | -24.53                 | 2.26                | 45.59                | 0.82                 | 2.15            | 17.47     | 38.45       | 20.98       | H       |
|              | 15MHz     | 831.50          | -24.47                 | 2.12                | 45.71                | 0.87                 | 2.15            | 17.84     | 38.45       | 20.61       | H       |
|              |           | 836.50          | -24.25                 | 2.26                | 45.66                | 0.82                 | 2.15            | 17.82     | 38.45       | 20.63       | H       |
|              |           | 841.50          | -24.63                 | 2.26                | 45.61                | 0.82                 | 2.15            | 17.39     | 38.45       | 21.06       | H       |
|              | 20MHz     | 834.00          | -24.13                 | 2.20                | 45.69                | 0.85                 | 2.15            | 18.05     | 38.45       | 20.40       | H       |
|              |           | 836.50          | -24.25                 | 2.26                | 45.66                | 0.82                 | 2.15            | 17.82     | 38.45       | 20.63       | H       |
|              |           | 839.00          | -24.27                 | 2.26                | 45.64                | 0.82                 | 2.15            | 17.78     | 38.45       | 20.67       | H       |
| 64QAM        | 5MHz      | 826.50          | -25.40                 | 2.25                | 45.77                | 0.93                 | 2.15            | 16.90     | 38.45       | 21.55       | H       |
|              | 10MHz     | 829.00          | -25.75                 | 2.25                | 45.77                | 0.90                 | 2.15            | 16.52     | 38.45       | 21.93       | H       |
|              | 15MHz     | 831.50          | -25.81                 | 2.12                | 45.71                | 0.87                 | 2.15            | 16.50     | 38.45       | 21.95       | H       |
|              | 20MHz     | 834.00          | -25.12                 | 2.20                | 45.69                | 0.85                 | 2.15            | 17.06     | 38.45       | 21.39       | H       |
| 256QAM       | 5MHz      | 826.50          | -27.49                 | 2.25                | 45.77                | 0.93                 | 2.15            | 14.81     | 38.45       | 23.64       | H       |
|              | 10MHz     | 829.00          | -27.43                 | 2.25                | 45.77                | 0.90                 | 2.15            | 14.84     | 38.45       | 23.61       | H       |
|              | 15MHz     | 831.50          | -27.41                 | 2.12                | 45.71                | 0.87                 | 2.15            | 14.90     | 38.45       | 23.55       | H       |
|              | 20MHz     | 834.00          | -27.17                 | 2.20                | 45.69                | 0.85                 | 2.15            | 15.01     | 38.45       | 23.44       | H       |

**NR n25(ANT0)-EIRP**
**Limits: ≤33dBm (2W)**

| Mod.      | Bandwidth | Frequency<br>(MHz) | P <sub>Mea</sub><br>(dBm) | P <sub>cl</sub><br>(dB) | P <sub>Ag</sub><br>(dB) | G <sub>a</sub><br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Ant.Pol |
|-----------|-----------|--------------------|---------------------------|-------------------------|-------------------------|-------------------------|---------------|----------------|----------------|---------|
| pi/2 BPSK | 5MHz      | 1852.50            | -22.28                    | 2.87                    | 43.75                   | 4.87                    | 23.47         | 33.00          | 9.53           | V       |
|           |           | 1882.50            | -21.01                    | 3.13                    | 43.75                   | 4.81                    | 24.42         | 33.00          | 8.58           | H       |
|           |           | 1912.50            | -21.89                    | 2.86                    | 43.77                   | 4.76                    | 23.78         | 33.00          | 9.22           | H       |
|           | 10MHz     | 1855.00            | -22.22                    | 2.88                    | 43.74                   | 4.86                    | 23.50         | 33.00          | 9.50           | V       |
|           |           | 1882.50            | -20.97                    | 3.13                    | 43.75                   | 4.81                    | 24.46         | 33.00          | 8.54           | H       |
|           |           | 1910.00            | -21.89                    | 2.88                    | 43.77                   | 4.76                    | 23.76         | 33.00          | 9.24           | H       |
|           | 15MHz     | 1857.50            | -22.09                    | 2.87                    | 43.75                   | 4.86                    | 23.65         | 33.00          | 9.35           | V       |
|           |           | 1882.50            | -21.00                    | 3.13                    | 43.75                   | 4.81                    | 24.43         | 33.00          | 8.57           | H       |
|           |           | 1907.50            | -21.56                    | 2.84                    | 43.77                   | 4.77                    | 24.14         | 33.00          | 8.86           | H       |
|           | 20MHz     | 1860.00            | -21.93                    | 2.86                    | 43.75                   | 4.85                    | 23.81         | 33.00          | 9.19           | V       |
|           |           | 1882.50            | -21.05                    | 3.13                    | 43.75                   | 4.81                    | 24.38         | 33.00          | 8.62           | H       |
|           |           | 1905.00            | -21.34                    | 2.87                    | 43.77                   | 4.77                    | 24.33         | 33.00          | 8.67           | H       |
| QPSK      | 5MHz      | 1852.50            | -22.17                    | 2.87                    | 43.75                   | 4.87                    | 23.58         | 33.00          | 9.42           | V       |
|           |           | 1882.50            | -20.91                    | 3.13                    | 43.75                   | 4.81                    | 24.52         | 33.00          | 8.48           | H       |
|           |           | 1912.50            | -21.78                    | 2.86                    | 43.77                   | 4.76                    | 23.89         | 33.00          | 9.11           | H       |
|           | 10MHz     | 1855.00            | -22.13                    | 2.88                    | 43.74                   | 4.86                    | 23.59         | 33.00          | 9.41           | V       |
|           |           | 1882.50            | -20.93                    | 3.13                    | 43.75                   | 4.81                    | 24.50         | 33.00          | 8.50           | H       |
|           |           | 1910.00            | -21.81                    | 2.88                    | 43.77                   | 4.76                    | 23.84         | 33.00          | 9.16           | H       |
|           | 15MHz     | 1857.50            | -22.08                    | 2.87                    | 43.75                   | 4.86                    | 23.66         | 33.00          | 9.34           | V       |
|           |           | 1882.50            | -20.95                    | 3.13                    | 43.75                   | 4.81                    | 24.48         | 33.00          | 8.52           | H       |
|           |           | 1907.50            | -21.46                    | 2.84                    | 43.77                   | 4.77                    | 24.24         | 33.00          | 8.76           | H       |
|           | 20MHz     | 1860.00            | -21.84                    | 2.86                    | 43.75                   | 4.85                    | 23.90         | 33.00          | 9.10           | V       |
|           |           | 1882.50            | -21.00                    | 3.13                    | 43.75                   | 4.81                    | 24.43         | 33.00          | 8.57           | H       |
|           |           | 1905.00            | -21.26                    | 2.87                    | 43.77                   | 4.77                    | 24.41         | 33.00          | 8.59           | H       |
| 16QAM     | 5MHz      | 1852.50            | -21.82                    | 2.87                    | 43.75                   | 4.87                    | 23.93         | 33.00          | 9.07           | V       |
|           |           | 1882.50            | -22.10                    | 3.13                    | 43.75                   | 4.81                    | 23.33         | 33.00          | 9.67           | H       |
|           |           | 1912.50            | -22.99                    | 2.86                    | 43.77                   | 4.76                    | 22.68         | 33.00          | 10.32          | H       |
|           | 10MHz     | 1855.00            | -23.32                    | 2.88                    | 43.74                   | 4.86                    | 22.40         | 33.00          | 10.60          | V       |
|           |           | 1882.50            | -22.04                    | 3.13                    | 43.75                   | 4.81                    | 23.39         | 33.00          | 9.61           | H       |
|           |           | 1910.00            | -22.97                    | 2.88                    | 43.77                   | 4.76                    | 22.68         | 33.00          | 10.32          | H       |
|           | 15MHz     | 1857.50            | -23.21                    | 2.87                    | 43.75                   | 4.86                    | 22.53         | 33.00          | 10.47          | V       |
|           |           | 1882.50            | -22.16                    | 3.13                    | 43.75                   | 4.81                    | 23.27         | 33.00          | 9.73           | H       |
|           |           | 1907.50            | -22.61                    | 2.84                    | 43.77                   | 4.77                    | 23.09         | 33.00          | 9.91           | H       |
|           | 20MHz     | 1860.00            | -23.08                    | 2.86                    | 43.75                   | 4.85                    | 22.66         | 33.00          | 10.34          | V       |
|           |           | 1882.50            | -22.18                    | 3.13                    | 43.75                   | 4.81                    | 23.25         | 33.00          | 9.75           | H       |
|           |           | 1905.00            | -22.48                    | 2.87                    | 43.77                   | 4.77                    | 23.19         | 33.00          | 9.81           | H       |
| 64QAM     | 5MHz      | 1882.50            | -23.09                    | 3.13                    | 43.75                   | 4.81                    | 22.34         | 33.00          | 10.66          | H       |
|           | 10MHz     | 1882.50            | -23.05                    | 3.13                    | 43.75                   | 4.81                    | 22.38         | 33.00          | 10.62          | H       |
|           | 15MHz     | 1882.50            | -23.15                    | 3.13                    | 43.75                   | 4.81                    | 22.28         | 33.00          | 10.72          | H       |
|           | 20MHz     | 1882.50            | -23.19                    | 3.13                    | 43.75                   | 4.81                    | 22.24         | 33.00          | 10.76          | H       |
| 256QAM    | 5MHz      | 1882.50            | -25.38                    | 3.13                    | 43.75                   | 4.81                    | 20.05         | 33.00          | 12.95          | H       |
|           | 10MHz     | 1882.50            | -25.35                    | 3.13                    | 43.75                   | 4.81                    | 20.08         | 33.00          | 12.92          | H       |
|           | 15MHz     | 1882.50            | -25.42                    | 3.13                    | 43.75                   | 4.81                    | 20.01         | 33.00          | 12.99          | H       |
|           | 20MHz     | 1882.50            | -25.49                    | 3.13                    | 43.75                   | 4.81                    | 19.94         | 33.00          | 13.06          | H       |

**NR B12-n25(ANT4)-EIRP**
**Limits: ≤33dBm (2W)**

| Mod.      | Bandwidth | Frequency<br>(MHz) | P <sub>Mea</sub><br>(dBm) | P <sub>cl</sub><br>(dB) | P <sub>Ag</sub><br>(dB) | G <sub>a</sub><br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Ant.Pol |
|-----------|-----------|--------------------|---------------------------|-------------------------|-------------------------|-------------------------|---------------|----------------|----------------|---------|
| pi/2 BPSK | 5MHz      | 1852.50            | -21.38                    | 2.87                    | 43.75                   | 4.87                    | 24.37         | 33.00          | 8.63           | H       |
|           |           | 1882.50            | -21.33                    | 3.13                    | 43.75                   | 4.81                    | 24.10         | 33.00          | 8.90           | H       |
|           |           | 1912.50            | -22.00                    | 2.86                    | 43.77                   | 4.76                    | 23.67         | 33.00          | 9.33           | H       |
|           | 10MHz     | 1855.00            | -21.43                    | 2.88                    | 43.74                   | 4.86                    | 24.29         | 33.00          | 8.71           | H       |
|           |           | 1882.50            | -21.49                    | 3.13                    | 43.75                   | 4.81                    | 23.94         | 33.00          | 9.06           | H       |
|           |           | 1910.00            | -22.22                    | 2.88                    | 43.77                   | 4.76                    | 23.43         | 33.00          | 9.57           | H       |
|           | 15MHz     | 1857.50            | -21.51                    | 2.87                    | 43.75                   | 4.86                    | 24.23         | 33.00          | 8.77           | H       |
|           |           | 1882.50            | -21.55                    | 3.13                    | 43.75                   | 4.81                    | 23.88         | 33.00          | 9.12           | H       |
|           |           | 1907.50            | -22.43                    | 2.84                    | 43.77                   | 4.77                    | 23.27         | 33.00          | 9.73           | H       |
|           | 20MHz     | 1860.00            | -21.70                    | 2.86                    | 43.75                   | 4.85                    | 24.04         | 33.00          | 8.96           | H       |
|           |           | 1882.50            | -21.60                    | 3.13                    | 43.75                   | 4.81                    | 23.83         | 33.00          | 9.17           | H       |
|           |           | 1905.00            | -22.34                    | 2.87                    | 43.77                   | 4.77                    | 23.33         | 33.00          | 9.67           | H       |
| QPSK      | 5MHz      | 1852.50            | -21.37                    | 2.87                    | 43.75                   | 4.87                    | 24.38         | 33.00          | 8.62           | H       |
|           |           | 1882.50            | -21.35                    | 3.13                    | 43.75                   | 4.81                    | 24.08         | 33.00          | 8.92           | H       |
|           |           | 1912.50            | -21.98                    | 2.86                    | 43.77                   | 4.76                    | 23.69         | 33.00          | 9.31           | H       |
|           | 10MHz     | 1855.00            | -21.38                    | 2.88                    | 43.74                   | 4.86                    | 24.34         | 33.00          | 8.66           | H       |
|           |           | 1882.50            | -21.54                    | 3.13                    | 43.75                   | 4.81                    | 23.89         | 33.00          | 9.11           | H       |
|           |           | 1910.00            | -22.22                    | 2.88                    | 43.77                   | 4.76                    | 23.43         | 33.00          | 9.57           | H       |
|           | 15MHz     | 1857.50            | -21.57                    | 2.87                    | 43.75                   | 4.86                    | 24.17         | 33.00          | 8.83           | H       |
|           |           | 1882.50            | -21.51                    | 3.13                    | 43.75                   | 4.81                    | 23.92         | 33.00          | 9.08           | H       |
|           |           | 1907.50            | -22.40                    | 2.84                    | 43.77                   | 4.77                    | 23.30         | 33.00          | 9.70           | H       |
|           | 20MHz     | 1860.00            | -21.70                    | 2.86                    | 43.75                   | 4.85                    | 24.04         | 33.00          | 8.96           | H       |
|           |           | 1882.50            | -21.61                    | 3.13                    | 43.75                   | 4.81                    | 23.82         | 33.00          | 9.18           | H       |
|           |           | 1905.00            | -22.30                    | 2.87                    | 43.77                   | 4.77                    | 23.37         | 33.00          | 9.63           | H       |
| 16QAM     | 5MHz      | 1852.50            | -22.88                    | 2.87                    | 43.75                   | 4.87                    | 22.87         | 33.00          | 10.13          | H       |
|           |           | 1882.50            | -22.77                    | 3.13                    | 43.75                   | 4.81                    | 22.66         | 33.00          | 10.34          | H       |
|           |           | 1912.50            | -23.09                    | 2.86                    | 43.77                   | 4.76                    | 22.58         | 33.00          | 10.42          | H       |
|           | 10MHz     | 1855.00            | -22.55                    | 2.88                    | 43.74                   | 4.86                    | 23.17         | 33.00          | 9.83           | H       |
|           |           | 1882.50            | -22.33                    | 3.13                    | 43.75                   | 4.81                    | 23.10         | 33.00          | 9.90           | V       |
|           |           | 1910.00            | -23.30                    | 2.88                    | 43.77                   | 4.76                    | 22.35         | 33.00          | 10.65          | H       |
|           | 15MHz     | 1857.50            | -22.71                    | 2.87                    | 43.75                   | 4.86                    | 23.03         | 33.00          | 9.97           | H       |
|           |           | 1882.50            | -22.72                    | 3.13                    | 43.75                   | 4.81                    | 22.71         | 33.00          | 10.29          | H       |
|           |           | 1907.50            | -23.62                    | 2.84                    | 43.77                   | 4.77                    | 22.08         | 33.00          | 10.92          | H       |
|           | 20MHz     | 1860.00            | -22.97                    | 2.86                    | 43.75                   | 4.85                    | 22.77         | 33.00          | 10.23          | H       |
|           |           | 1882.50            | -22.78                    | 3.13                    | 43.75                   | 4.81                    | 22.65         | 33.00          | 10.35          | H       |
|           |           | 1905.00            | -23.54                    | 2.87                    | 43.77                   | 4.77                    | 22.13         | 33.00          | 10.87          | H       |
| 64QAM     | 5MHz      | 1852.50            | -23.87                    | 2.87                    | 43.75                   | 4.87                    | 21.88         | 33.00          | 11.12          | H       |
|           | 10MHz     | 1855.00            | -23.65                    | 2.88                    | 43.74                   | 4.86                    | 22.07         | 33.00          | 10.93          | H       |
|           | 15MHz     | 1857.50            | -23.84                    | 2.87                    | 43.75                   | 4.86                    | 21.90         | 33.00          | 11.10          | H       |
|           | 20MHz     | 1860.00            | -24.04                    | 2.86                    | 43.75                   | 4.85                    | 21.70         | 33.00          | 11.30          | H       |
| 256QAM    | 5MHz      | 1852.50            | -25.76                    | 2.87                    | 43.75                   | 4.87                    | 19.99         | 33.00          | 13.01          | H       |
|           | 10MHz     | 1855.00            | -25.90                    | 2.88                    | 43.74                   | 4.86                    | 19.82         | 33.00          | 13.18          | H       |
|           | 15MHz     | 1857.50            | -26.12                    | 2.87                    | 43.75                   | 4.86                    | 19.62         | 33.00          | 13.38          | H       |
|           | 20MHz     | 1860.00            | -26.30                    | 2.86                    | 43.75                   | 4.85                    | 19.44         | 33.00          | 13.56          | H       |

**NR n26(814MHz~824MHz)- ERP**
**Limits: ≤50dBm (100W)**

| Mod.   | Bandwidth (MHz) | Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | P <sub>Ag</sub> (dB) | G <sub>a</sub> (dBi) | Correction (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) | Ant.Pol |
|--------|-----------------|-----------------|------------------------|----------------------|----------------------|----------------------|-----------------|-----------|-------------|-------------|---------|
| QPSK   | 5               | 816.50          | -26.03                 | 2.26                 | 45.79                | 0.95                 | 2.15            | 16.30     | 50.00       | 33.70       | H       |
|        |                 | 819.00          | -25.37                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 16.70     | 50.00       | 33.30       | H       |
|        |                 | 821.50          | -24.91                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 17.02     | 50.00       | 32.98       | H       |
|        | 10              | 819.00          | -25.23                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 16.84     | 50.00       | 33.16       | H       |
| QPSK   | 5               | 816.50          | -26.00                 | 2.26                 | 45.79                | 0.95                 | 2.15            | 16.33     | 50.00       | 33.67       | H       |
|        |                 | 819.00          | -25.29                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 16.78     | 50.00       | 33.22       | H       |
|        |                 | 821.50          | -24.83                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 17.10     | 50.00       | 32.90       | H       |
|        | 10              | 819.00          | -25.25                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 16.82     | 50.00       | 33.18       | H       |
| 16QAM  | 5               | 816.50          | -27.15                 | 2.26                 | 45.79                | 0.95                 | 2.15            | 15.18     | 50.00       | 34.82       | H       |
|        |                 | 819.00          | -26.37                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 15.70     | 50.00       | 34.30       | H       |
|        |                 | 821.50          | -25.89                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 16.04     | 50.00       | 33.96       | H       |
|        | 10              | 819.00          | -26.36                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 15.71     | 50.00       | 34.29       | H       |
| 256QAM | 5               | 821.50          | -27.27                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 14.66     | 50.00       | 35.34       | H       |
|        | 10              | 819.00          | -27.73                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 14.34     | 50.00       | 35.66       | H       |
| 256QAM | 5               | 821.50          | -28.86                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 13.07     | 50.00       | 36.93       | H       |
|        | 10              | 819.00          | -29.37                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 12.70     | 50.00       | 37.30       | H       |

**NR n26(824MHz~849MHz) - ERP**
**Limits: ≤38.45dBm (7W)**

| Mod.      | Bandwidth (MHz) | Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | P <sub>Ag</sub> (dB) | G <sub>a</sub> (dBi) | Correction (dB) | ERP (dBm) | Limit (dBm) | Margin (dB) | Ant.Pol |
|-----------|-----------------|-----------------|------------------------|----------------------|----------------------|----------------------|-----------------|-----------|-------------|-------------|---------|
| pi/2 BPSK | 5               | 826.50          | -22.79                 | 2.26                 | 45.79                | 0.95                 | 2.15            | 19.54     | 38.45       | 18.91       | H       |
|           |                 | 836.50          | -22.22                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.85     | 38.45       | 18.60       | H       |
|           |                 | 846.50          | -22.94                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 18.99     | 38.45       | 19.46       | H       |
|           | 10              | 829.00          | -22.62                 | 2.26                 | 45.79                | 0.94                 | 2.15            | 19.70     | 38.45       | 18.75       | H       |
|           |                 | 836.50          | -22.30                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.77     | 38.45       | 18.68       | H       |
|           |                 | 844.00          | -22.64                 | 2.27                 | 45.56                | 0.81                 | 2.15            | 19.31     | 38.45       | 19.14       | H       |
|           | 15              | 831.50          | -22.59                 | 2.25                 | 45.77                | 0.93                 | 2.15            | 19.71     | 38.45       | 18.74       | H       |
|           |                 | 836.50          | -22.33                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.74     | 38.45       | 18.71       | H       |
|           |                 | 841.50          | -22.49                 | 2.26                 | 45.56                | 0.82                 | 2.15            | 19.48     | 38.45       | 18.97       | H       |
|           | 20              | 834.00          | -22.56                 | 2.25                 | 45.77                | 0.90                 | 2.15            | 19.71     | 38.45       | 18.74       | H       |
|           |                 | 836.50          | -22.34                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.73     | 38.45       | 18.72       | H       |
|           |                 | 839.00          | -22.09                 | 2.26                 | 45.59                | 0.82                 | 2.15            | 19.91     | 38.45       | 18.54       | H       |
| QPSK      | 5               | 826.50          | -22.69                 | 2.26                 | 45.79                | 0.95                 | 2.15            | 19.64     | 38.45       | 18.81       | H       |
|           |                 | 836.50          | -22.22                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.85     | 38.45       | 18.60       | H       |
|           |                 | 846.50          | -23.00                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 18.93     | 38.45       | 19.52       | H       |
|           | 10              | 829.00          | -22.63                 | 2.26                 | 45.79                | 0.94                 | 2.15            | 19.69     | 38.45       | 18.76       | H       |
|           |                 | 836.50          | -22.28                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.79     | 38.45       | 18.66       | H       |
|           |                 | 844.00          | -22.68                 | 2.27                 | 45.56                | 0.81                 | 2.15            | 19.27     | 38.45       | 19.18       | H       |
|           | 15              | 831.50          | -22.61                 | 2.25                 | 45.77                | 0.93                 | 2.15            | 19.69     | 38.45       | 18.76       | H       |
|           |                 | 836.50          | -22.39                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.68     | 38.45       | 18.77       | H       |
|           |                 | 841.50          | -22.56                 | 2.26                 | 45.56                | 0.82                 | 2.15            | 19.41     | 38.45       | 19.04       | H       |
|           | 20              | 834.00          | -22.69                 | 2.25                 | 45.77                | 0.90                 | 2.15            | 19.58     | 38.45       | 18.87       | H       |
|           |                 | 836.50          | -22.41                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.66     | 38.45       | 18.79       | H       |
|           |                 | 839.00          | -22.12                 | 2.26                 | 45.59                | 0.82                 | 2.15            | 19.88     | 38.45       | 18.57       | H       |
| 16QAM     | 5               | 826.50          | -23.78                 | 2.26                 | 45.79                | 0.95                 | 2.15            | 18.55     | 38.45       | 19.90       | H       |
|           |                 | 836.50          | -22.85                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 19.22     | 38.45       | 19.23       | H       |
|           |                 | 846.50          | -24.11                 | 2.27                 | 45.55                | 0.80                 | 2.15            | 17.82     | 38.45       | 20.63       | H       |
|           | 10              | 829.00          | -23.72                 | 2.26                 | 45.79                | 0.94                 | 2.15            | 18.60     | 38.45       | 19.85       | H       |
|           |                 | 836.50          | -23.30                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 18.77     | 38.45       | 19.68       | H       |
|           |                 | 844.00          | -23.75                 | 2.27                 | 45.56                | 0.81                 | 2.15            | 18.20     | 38.45       | 20.25       | H       |
|           | 15              | 831.50          | -23.60                 | 2.25                 | 45.77                | 0.93                 | 2.15            | 18.70     | 38.45       | 19.75       | H       |
|           |                 | 836.50          | -23.48                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 18.59     | 38.45       | 19.86       | H       |
|           |                 | 841.50          | -23.66                 | 2.26                 | 45.56                | 0.82                 | 2.15            | 18.31     | 38.45       | 20.14       | H       |
|           | 20              | 834.00          | -23.76                 | 2.25                 | 45.77                | 0.90                 | 2.15            | 18.51     | 38.45       | 19.94       | H       |
|           |                 | 836.50          | -23.48                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 18.59     | 38.45       | 19.86       | H       |
|           |                 | 839.00          | -23.20                 | 2.26                 | 45.59                | 0.82                 | 2.15            | 18.80     | 38.45       | 19.65       | H       |
| 64QAM     | 5               | 836.50          | -27.71                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 14.36     | 38.45       | 24.09       | H       |
|           | 10              | 836.50          | -27.22                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 14.85     | 38.45       | 23.60       | H       |
|           | 15              | 836.50          | -27.88                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 14.19     | 38.45       | 24.26       | H       |
|           | 20              | 839.00          | -27.52                 | 2.26                 | 45.59                | 0.82                 | 2.15            | 14.48     | 38.45       | 23.97       | H       |
| 256QAM    | 5               | 836.50          | -29.31                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 12.76     | 38.45       | 25.69       | H       |
|           | 10              | 836.50          | -29.36                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 12.71     | 38.45       | 25.74       | H       |
|           | 15              | 836.50          | -29.49                 | 2.26                 | 45.66                | 0.82                 | 2.15            | 12.58     | 38.45       | 25.87       | H       |
|           | 20              | 839.00          | -29.12                 | 2.26                 | 45.59                | 0.82                 | 2.15            | 12.88     | 38.45       | 25.57       | H       |



**NR n30(ANT1)- EIRP**
**Limits: ≤24 dBm (250mW)**

| Mod.      | Bandwidth (MHz) | Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | P <sub>Ag</sub> (dB) | G <sub>a</sub> (dBi) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Ant.Pol |
|-----------|-----------------|-----------------|------------------------|----------------------|----------------------|----------------------|------------|-------------|-------------|---------|
| pi/2 BPSK | 5               | 2307.50         | -24.44                 | 3.48                 | 44.55                | 5.52                 | 22.15      | 24.00       | 1.85        | V       |
|           |                 | 2310.00         | -24.11                 | 3.48                 | 44.55                | 5.53                 | 22.50      | 24.00       | 1.50        | V       |
|           |                 | 2312.50         | -24.11                 | 3.48                 | 44.56                | 5.54                 | 22.51      | 24.00       | 1.49        | V       |
|           | 10              | 2310.00         | -24.18                 | 3.48                 | 44.55                | 5.53                 | 22.43      | 24.00       | 1.57        | V       |
| QPSK      | 5               | 2307.50         | -24.28                 | 3.48                 | 44.55                | 5.52                 | 22.31      | 24.00       | 1.69        | V       |
|           |                 | 2310.00         | -24.06                 | 3.48                 | 44.55                | 5.53                 | 22.55      | 24.00       | 1.45        | V       |
|           |                 | 2312.50         | -23.96                 | 3.48                 | 44.56                | 5.54                 | 22.66      | 24.00       | 1.34        | V       |
|           | 10              | 2310.00         | -24.01                 | 3.48                 | 44.55                | 5.53                 | 22.60      | 24.00       | 1.40        | V       |
| 16QAM     | 5               | 2307.50         | -25.57                 | 3.48                 | 44.55                | 5.52                 | 21.02      | 24.00       | 2.98        | V       |
|           |                 | 2310.00         | -25.27                 | 3.48                 | 44.55                | 5.53                 | 21.34      | 24.00       | 2.66        | V       |
|           |                 | 2312.50         | -25.22                 | 3.48                 | 44.56                | 5.54                 | 21.40      | 24.00       | 2.60        | V       |
|           | 10              | 2310.00         | -25.27                 | 3.48                 | 44.55                | 5.53                 | 21.34      | 24.00       | 2.66        | V       |
| 64QAM     | 5               | 2307.50         | -27.53                 | 3.48                 | 44.55                | 5.52                 | 19.06      | 24.00       | 4.94        | V       |
|           |                 | 2310.00         | -27.18                 | 3.48                 | 44.55                | 5.53                 | 19.43      | 24.00       | 4.57        | V       |
|           |                 | 2312.50         | -27.17                 | 3.48                 | 44.56                | 5.54                 | 19.45      | 24.00       | 4.55        | V       |
|           | 10              | 2310.00         | -27.18                 | 3.48                 | 44.55                | 5.53                 | 19.43      | 24.00       | 4.57        | V       |
| 256QAM    | 5               | 2312.50         | -29.56                 | 3.48                 | 44.56                | 5.54                 | 17.06      | 24.00       | 6.94        | V       |
|           | 10              | 2310.00         | -29.42                 | 3.48                 | 44.55                | 5.53                 | 17.06      | 24.00       | 6.94        | V       |

**NR B5-n30(ANT4)- EIRP**
**Limits: ≤24 dBm (250mW)**

| Mod.      | Bandwidth (MHz) | Frequency (MHz) | P <sub>Mea</sub> (dBm) | P <sub>cl</sub> (dB) | P <sub>Ag</sub> (dB) | G <sub>a</sub> (dBi) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Ant.Pol |
|-----------|-----------------|-----------------|------------------------|----------------------|----------------------|----------------------|------------|-------------|-------------|---------|
| pi/2 BPSK | 5               | 2307.50         | -22.62                 | 3.48                 | 44.55                | 5.52                 | 23.97      | 24.00       | 0.03        | V       |
|           |                 | 2310.00         | -22.79                 | 3.48                 | 44.55                | 5.53                 | 23.82      | 24.00       | 0.18        | V       |
|           |                 | 2312.50         | -22.85                 | 3.48                 | 44.56                | 5.54                 | 23.76      | 24.00       | 0.24        | V       |
|           | 10              | 2310.00         | -22.73                 | 3.48                 | 44.55                | 5.53                 | 23.88      | 24.00       | 0.12        | V       |
| QPSK      | 5               | 2307.50         | -22.80                 | 3.48                 | 44.55                | 5.52                 | 23.79      | 24.00       | 0.21        | V       |
|           |                 | 2310.00         | -22.76                 | 3.48                 | 44.55                | 5.53                 | 23.85      | 24.00       | 0.15        | V       |
|           |                 | 2312.50         | -22.76                 | 3.48                 | 44.56                | 5.54                 | 23.85      | 24.00       | 0.15        | V       |
|           | 10              | 2310.00         | -22.66                 | 3.48                 | 44.55                | 5.53                 | 23.95      | 24.00       | 0.05        | V       |
| 16QAM     | 5               | 2307.50         | -23.98                 | 3.48                 | 44.55                | 5.52                 | 22.61      | 24.00       | 1.39        | V       |
|           |                 | 2310.00         | -24.17                 | 3.48                 | 44.55                | 5.53                 | 22.44      | 24.00       | 1.56        | V       |
|           |                 | 2312.50         | -24.28                 | 3.48                 | 44.56                | 5.54                 | 22.33      | 24.00       | 1.67        | V       |
|           | 10              | 2310.00         | -24.20                 | 3.48                 | 44.55                | 5.53                 | 22.41      | 24.00       | 1.59        | V       |
| 64QAM     | 5               | 2307.50         | -24.95                 | 3.48                 | 44.55                | 5.52                 | 21.64      | 24.00       | 2.36        | V       |
|           |                 | 2310.00         | -25.00                 | 3.48                 | 44.55                | 5.53                 | 21.61      | 24.00       | 2.39        | V       |
|           |                 | 2312.50         | -25.37                 | 3.48                 | 44.56                | 5.54                 | 21.24      | 24.00       | 2.76        | V       |
|           | 10              | 2310.00         | -25.13                 | 3.48                 | 44.55                | 5.53                 | 21.48      | 24.00       | 2.52        | V       |
| 256QAM    | 5               | 2307.50         | -26.95                 | 3.48                 | 44.55                | 5.52                 | 19.64      | 24.00       | 4.36        | V       |
|           | 10              | 2310.00         | -27.06                 | 3.48                 | 44.55                | 5.53                 | 19.55      | 24.00       | 4.45        | V       |

**NR n41-HPUE EIRP**
**Limits: ≤33dBm (2W)**

| Mod.      | Bandwidth | Frequency<br>(MHz) | P <sub>Mea</sub><br>(dBm) | P <sub>cl</sub><br>(dB) | P <sub>Ag</sub><br>(dB) | G <sub>a</sub><br>(dBi) | EIRP<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Ant.Pol |   |
|-----------|-----------|--------------------|---------------------------|-------------------------|-------------------------|-------------------------|---------------|----------------|----------------|---------|---|
| pi/2 BPSK | 20MHz     | 2506.02            | -27.77                    | 3.59                    | 45.15                   | 6.11                    | 24.90         | 33.00          | 8.10           | H       |   |
|           |           | 2592.99            | -26.59                    | 3.69                    | 44.93                   | 6.27                    | 25.92         | 33.00          | 7.08           | H       |   |
|           |           | 2679.99            | -27.96                    | 3.73                    | 44.97                   | 6.42                    | 24.70         | 33.00          | 8.30           | H       |   |
|           | 30MHz     | 2511.00            | -28.02                    | 3.58                    | 45.34                   | 6.12                    | 24.86         | 33.00          | 8.14           | H       |   |
|           |           | 2592.99            | -26.48                    | 3.69                    | 44.93                   | 6.27                    | 26.03         | 33.00          | 6.97           | H       |   |
|           |           | 2674.98            | -28.22                    | 3.74                    | 44.97                   | 6.42                    | 24.43         | 33.00          | 8.57           | H       |   |
|           | 40MHz     | 2516.01            | -27.03                    | 3.59                    | 45.23                   | 6.13                    | 25.74         | 33.00          | 7.26           | H       |   |
|           |           | 2592.99            | -26.38                    | 3.69                    | 44.93                   | 6.27                    | 26.13         | 33.00          | 6.87           | H       |   |
|           |           | 2670.00            | -28.68                    | 3.78                    | 44.97                   | 6.41                    | 23.92         | 33.00          | 9.08           | H       |   |
|           | 50MHz     | 2521.02            | -26.95                    | 3.60                    | 45.12                   | 6.14                    | 25.71         | 33.00          | 7.29           | H       |   |
|           |           | 2592.99            | -26.46                    | 3.69                    | 44.93                   | 6.27                    | 26.05         | 33.00          | 6.95           | H       |   |
|           |           | 2664.99            | -28.46                    | 3.72                    | 44.96                   | 6.40                    | 24.18         | 33.00          | 8.82           | H       |   |
|           | 60MHz     | 2526.00            | -26.58                    | 3.61                    | 45.01                   | 6.15                    | 25.97         | 33.00          | 7.03           | H       |   |
|           |           | 2592.99            | -26.27                    | 3.69                    | 44.93                   | 6.27                    | 26.24         | 33.00          | 6.76           | H       |   |
|           |           | 2659.98            | -28.04                    | 3.70                    | 44.96                   | 6.39                    | 24.61         | 33.00          | 8.39           | H       |   |
|           | 80MHz     | 2536.02            | -26.60                    | 3.63                    | 44.87                   | 6.16                    | 25.80         | 33.00          | 5.20           | H       |   |
|           |           | 2592.99            | -26.38                    | 3.69                    | 44.93                   | 6.27                    | 26.13         | 33.00          | 4.87           | H       |   |
|           |           | 2649.99            | -28.41                    | 3.69                    | 44.96                   | 6.37                    | 24.23         | 33.00          | 7.97           | H       |   |
|           | 90MHz     | 2541.00            | -26.33                    | 3.63                    | 45.10                   | 6.17                    | 26.31         | 33.00          | 4.69           | H       |   |
|           |           | 2592.99            | -25.87                    | 3.69                    | 44.93                   | 6.27                    | 26.64         | 33.00          | 4.36           | H       |   |
|           |           | 2644.98            | -28.63                    | 3.68                    | 44.96                   | 6.36                    | 24.01         | 33.00          | 8.19           | H       |   |
|           | 100MHz    | 2546.01            | -27.39                    | 3.62                    | 45.33                   | 6.18                    | 25.50         | 33.00          | 5.50           | H       |   |
|           |           | 2592.99            | -26.28                    | 3.69                    | 44.93                   | 6.27                    | 26.23         | 33.00          | 4.77           | H       |   |
|           |           | 2640.00            | -28.10                    | 3.68                    | 44.96                   | 6.35                    | 24.53         | 33.00          | 7.67           | H       |   |
|           | QPSK      | 20MHz              | 2506.02                   | -27.67                  | 3.59                    | 45.15                   | 6.11          | 25.00          | 33.00          | 8.00    | H |
|           |           |                    | 2592.99                   | -26.53                  | 3.69                    | 44.93                   | 6.27          | 25.98          | 33.00          | 7.02    | H |
|           |           |                    | 2679.99                   | -27.93                  | 3.73                    | 44.97                   | 6.42          | 24.73          | 33.00          | 8.27    | H |
|           |           | 30MHz              | 2511.00                   | -27.85                  | 3.58                    | 45.34                   | 6.12          | 25.03          | 33.00          | 7.97    | H |
|           |           |                    | 2592.99                   | -26.38                  | 3.69                    | 44.93                   | 6.27          | 26.13          | 33.00          | 6.87    | H |
|           |           |                    | 2674.98                   | -27.18                  | 3.74                    | 44.97                   | 6.42          | 25.47          | 33.00          | 7.53    | H |
| 40MHz     |           | 2516.01            | -26.94                    | 3.59                    | 45.23                   | 6.13                    | 25.83         | 33.00          | 7.17           | H       |   |
|           |           | 2592.99            | -26.29                    | 3.69                    | 44.93                   | 6.27                    | 26.22         | 33.00          | 6.78           | H       |   |
|           |           | 2670.00            | -27.49                    | 3.78                    | 44.97                   | 6.41                    | 25.11         | 33.00          | 7.89           | H       |   |
| 50MHz     |           | 2521.02            | -26.91                    | 3.60                    | 45.12                   | 6.14                    | 25.75         | 33.00          | 7.25           | H       |   |
|           |           | 2592.99            | -26.42                    | 3.69                    | 44.93                   | 6.27                    | 26.09         | 33.00          | 6.91           | H       |   |
|           |           | 2664.99            | -28.44                    | 3.72                    | 44.96                   | 6.40                    | 24.20         | 33.00          | 8.80           | H       |   |
| 60MHz     |           | 2526.00            | -26.50                    | 3.61                    | 45.01                   | 6.15                    | 26.05         | 33.00          | 6.95           | H       |   |
|           |           | 2592.99            | -26.24                    | 3.69                    | 44.93                   | 6.27                    | 26.27         | 33.00          | 6.73           | H       |   |
|           |           | 2659.98            | -27.99                    | 3.70                    | 44.96                   | 6.39                    | 24.66         | 33.00          | 8.34           | H       |   |
| 80MHz     |           | 2536.02            | -25.88                    | 3.63                    | 44.87                   | 6.16                    | 26.52         | 33.00          | 5.20           | H       |   |
|           |           | 2592.99            | -26.32                    | 3.69                    | 44.93                   | 6.27                    | 26.19         | 33.00          | 4.87           | H       |   |
|           |           | 2649.99            | -28.35                    | 3.69                    | 44.96                   | 6.37                    | 24.29         | 33.00          | 7.97           | H       |   |
| 90MHz     | 2541.00   | -26.28             | 3.63                      | 45.10                   | 6.17                    | 26.36                   | 33.00         | 4.69           | H              |         |   |
|           | 2592.99   | -25.81             | 3.69                      | 44.93                   | 6.27                    | 26.70                   | 33.00         | 4.36           | H              |         |   |

|        |         |         |         |        |       |       |       |       |       |      |   |
|--------|---------|---------|---------|--------|-------|-------|-------|-------|-------|------|---|
|        | 100MHz  | 2644.98 | -28.33  | 3.68   | 44.96 | 6.36  | 24.31 | 33.00 | 8.19  | H    |   |
|        |         | 2546.01 | -27.25  | 3.62   | 45.33 | 6.18  | 25.64 | 33.00 | 5.50  | H    |   |
|        |         | 2592.99 | -26.09  | 3.69   | 44.93 | 6.27  | 26.42 | 33.00 | 4.77  | H    |   |
| 16QAM  | 20MHz   | 2640.00 | -28.04  | 3.68   | 44.96 | 6.35  | 24.59 | 33.00 | 7.67  | H    |   |
|        |         | 2506.02 | -28.21  | 3.59   | 45.15 | 6.11  | 24.46 | 33.00 | 8.54  | H    |   |
|        |         | 2592.99 | -27.02  | 3.69   | 44.93 | 6.27  | 25.49 | 33.00 | 7.51  | H    |   |
|        | 30MHz   | 2679.99 | -28.55  | 3.73   | 44.97 | 6.42  | 24.11 | 33.00 | 8.89  | H    |   |
|        |         | 2511.00 | -28.39  | 3.58   | 45.34 | 6.12  | 24.49 | 33.00 | 8.51  | H    |   |
|        |         | 2592.99 | -26.96  | 3.69   | 44.93 | 6.27  | 25.55 | 33.00 | 7.45  | H    |   |
|        | 40MHz   | 2674.98 | -28.58  | 3.74   | 44.97 | 6.42  | 24.07 | 33.00 | 8.93  | H    |   |
|        |         | 2516.01 | -27.41  | 3.59   | 45.23 | 6.13  | 25.36 | 33.00 | 7.64  | H    |   |
|        |         | 2592.99 | -26.87  | 3.69   | 44.93 | 6.27  | 25.64 | 33.00 | 7.36  | H    |   |
|        | 50MHz   | 2670.00 | -29.04  | 3.78   | 44.97 | 6.41  | 23.56 | 33.00 | 9.44  | H    |   |
|        |         | 2521.02 | -27.35  | 3.60   | 45.12 | 6.14  | 25.31 | 33.00 | 7.69  | H    |   |
|        |         | 2592.99 | -27.09  | 3.69   | 44.93 | 6.27  | 25.42 | 33.00 | 7.58  | H    |   |
|        | 60MHz   | 2664.99 | -28.80  | 3.72   | 44.96 | 6.40  | 23.84 | 33.00 | 9.16  | H    |   |
|        |         | 2526.00 | -26.94  | 3.61   | 45.01 | 6.15  | 25.61 | 33.00 | 7.39  | H    |   |
|        |         | 2592.99 | -26.81  | 3.69   | 44.93 | 6.27  | 25.70 | 33.00 | 7.30  | H    |   |
|        | 80MHz   | 2659.98 | -28.44  | 3.70   | 44.96 | 6.39  | 24.21 | 33.00 | 8.79  | H    |   |
|        |         | 2536.02 | -27.12  | 3.63   | 44.87 | 6.16  | 25.28 | 33.00 | 5.20  | H    |   |
|        |         | 2592.99 | -26.80  | 3.69   | 44.93 | 6.27  | 25.71 | 33.00 | 4.87  | H    |   |
|        | 90MHz   | 2649.99 | -28.90  | 3.69   | 44.96 | 6.37  | 23.74 | 33.00 | 7.97  | H    |   |
|        |         | 2541.00 | -26.85  | 3.63   | 45.10 | 6.17  | 25.79 | 33.00 | 4.69  | H    |   |
|        |         | 2592.99 | -26.33  | 3.69   | 44.93 | 6.27  | 26.18 | 33.00 | 4.36  | H    |   |
|        | 100MHz  | 2644.98 | -28.57  | 3.68   | 44.96 | 6.36  | 24.07 | 33.00 | 8.19  | H    |   |
|        |         | 2546.01 | -27.82  | 3.62   | 45.33 | 6.18  | 25.07 | 33.00 | 5.50  | H    |   |
|        |         | 2592.99 | -26.69  | 3.69   | 44.93 | 6.27  | 25.82 | 33.00 | 4.77  | H    |   |
|        | 64QAM   | 2640.00 | -28.55  | 3.68   | 44.96 | 6.35  | 24.08 | 33.00 | 7.67  | H    |   |
|        |         | 20MHz   | 2592.99 | -28.59 | 3.69  | 44.93 | 6.27  | 23.92 | 33.00 | 9.08 | H |
|        |         | 30MHz   | 2592.99 | -28.67 | 3.69  | 44.93 | 6.27  | 23.84 | 33.00 | 9.16 | H |
|        |         | 40MHz   | 2592.99 | -28.74 | 3.69  | 44.93 | 6.27  | 23.77 | 33.00 | 9.23 | H |
|        |         | 50MHz   | 2592.99 | -28.46 | 3.69  | 44.93 | 6.27  | 24.05 | 33.00 | 8.95 | H |
|        |         | 60MHz   | 2592.99 | -28.49 | 3.69  | 44.93 | 6.27  | 24.02 | 33.00 | 8.98 | H |
| 80MHz  |         | 2592.99 | -28.23  | 3.69   | 44.93 | 6.27  | 24.28 | 33.00 | 4.87  | H    |   |
| 90MHz  |         | 2592.99 | -27.91  | 3.69   | 44.93 | 6.27  | 24.60 | 33.00 | 4.36  | H    |   |
| 256QAM | 100MHz  | 2592.99 | -28.32  | 3.69   | 44.93 | 6.27  | 24.19 | 33.00 | 4.77  | H    |   |
|        | 20MHz   | 2592.99 | -30.79  | 3.69   | 44.93 | 6.27  | 21.72 | 33.00 | 11.28 | H    |   |
|        | 30MHz   | 2592.99 | -30.52  | 3.69   | 44.93 | 6.27  | 21.99 | 33.00 | 11.01 | H    |   |
|        | 40MHz   | 2592.99 | -30.61  | 3.69   | 44.93 | 6.27  | 21.90 | 33.00 | 11.10 | H    |   |
|        | 50MHz   | 2592.99 | -30.00  | 3.69   | 44.93 | 6.27  | 22.51 | 33.00 | 10.49 | H    |   |
|        | 60MHz   | 2592.99 | -30.19  | 3.69   | 44.93 | 6.27  | 22.32 | 33.00 | 10.68 | H    |   |
|        | 80MHz   | 2592.99 | -30.41  | 3.69   | 44.93 | 6.27  | 22.10 | 33.00 | 4.87  | H    |   |
|        | 90MHz   | 2592.99 | -29.93  | 3.69   | 44.93 | 6.27  | 22.58 | 33.00 | 4.36  | H    |   |
| 100MHz | 2592.99 | -30.38  | 3.69    | 44.93  | 6.27  | 22.13 | 33.00 | 4.77  | H     |      |   |