

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."

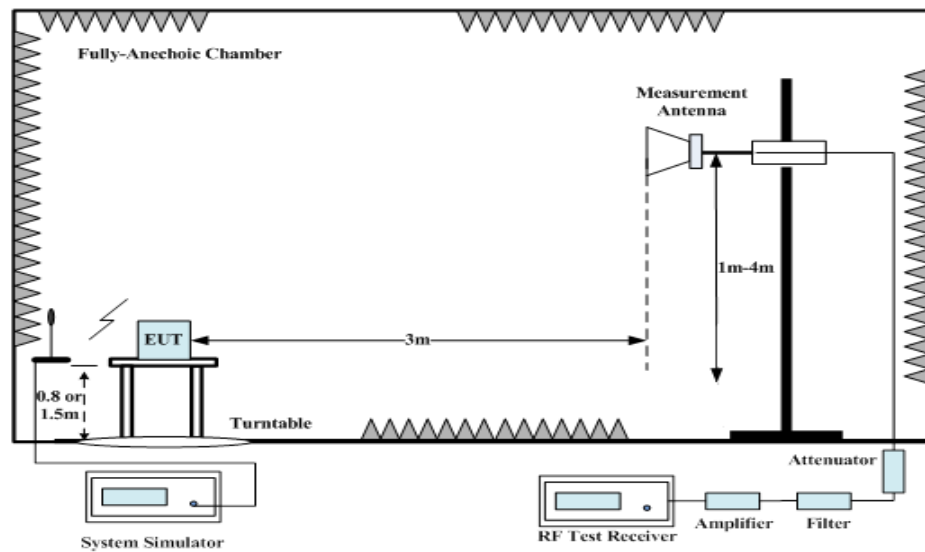
**NR Band 77L/78L:** Rule Part 27.50(k) (3) Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

**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.

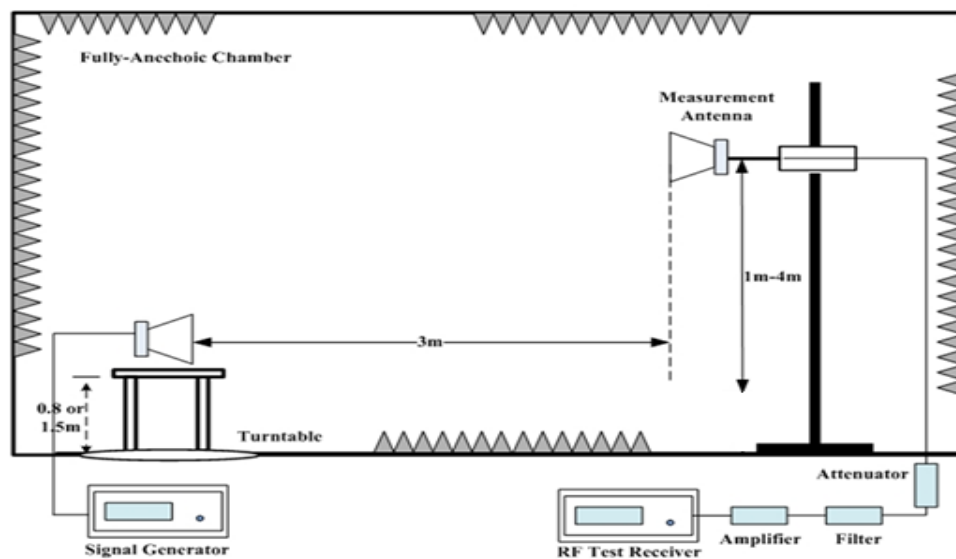
#### A.1.3.2 Method of Measurement

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 (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	-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 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 (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	-22.28	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 (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	-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 (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	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		