

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Report No.: RFCDVB-WTW-P25040437-2

FCC ID: QYLFN990V12

Product: 5G NR Module

Brand: Getac

Model No.: FN990A28

Received Date: 2025/4/21

Test Date: 2025/6/13 ~ 2025/6/26

Issued Date: 2025/7/11

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2025/7/11

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Prepared by : Vera Huang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFCDVB-WTW-P25040437-2	Original Release	2025/7/11

1 Certificate

Product: 5G NR Module

Brand: Getac

Test Model: FN990A28

Sample Status: Engineering sample

Applicant: Getac Technology Corporation.

Test Date: 2025/6/13 ~ 2025/6/26

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Measurement procedure: ANSI/TIA/EIA-603-E 2016
ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

KDB 971168 D02 Misc Rev Approv License Devices v02r02

KDB 662911 D01 Multiple Transmitter Output v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50(d) Part 27.50(h) Part 27.50(c) Part 27.50(b) Part 27.50(k) Part 27.50(j) Part 90.635(b) Part 90.542(a)(7)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	N/A	Refer to Note
Part 22.913 (d) Part 24.232 (d) Part 27.50(d) Part 27.50(k)(4) Part 27.50(j)(4)	Peak to Average Ratio	N/A	Refer to Note
Part 2.1049	Bandwidth	N/A	Refer to Note
Part 2.1051 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(n) Part 27.53(l) Part 90.691 Part 90.543(e)(f)	Conducted Spurious Emissions	N/A	Refer to Note
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(n) Part 27.53(l) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -24.12 dB at 266.68 MHz
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(n) Part 27.53(l) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -6.28 dB at 1564.00 MHz
Part 2.1055 Part 22.355 Part 24.235 Part 27.54 Part 90.213 Part 90.539(e)	Frequency Stability	N/A	Refer to Note

Note:

- Only test item of Effective Radiated Power and Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to WWAN module (FCC ID: R17FN990A28) certified report.
- Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Parameter	Specification	Uncertainty (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	-	1.371 dB
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	5G NR Module
Brand	Getac
Test Model	FN990A28
Status of EUT	Engineering sample
Power Supply Rating	Refer to note
Modulation Type	DFT-s-OFDM, CP-OFDM
5G NR support SISO bands	n2, n5, n7, n12, n13, n14, n25, n26, n38, n41, n66, n71, n77, n78
5G NR support MIMO bands	n38, n41, n77, n78
Band Covered Information	n77 cover n78 (Part 27O) n77 cover n78 (Part 27Q)

Note:

1. The EUT is authorized for use in specific End-product.

Product	Brand	Model	Difference
Notebook	Getac	V120	marketing purpose
		V120Y (Y= 10 characters, Y can be 0 to 9, A to Z, a to z, "/", "\", "-", " " or blank for marketing purpose)	

2. The End-product uses following accessories.

Item	Brand	Model	Specification
Battery 1	Getac	BP2S1P4070P	Power Rating : Rating: 7.74Vdc , 3800mAh, 29.42Wh Typical Capacity: 4070mAh, 31.51Wh
Battery 2	Getac	BP3S1P4070P	Power Rating : Rating: 11.61Vdc , 3800mAh, 44.12Wh Typical Capacity: 4070mAh, 47.26Wh
AC Adapter	FSP	FSP065-RBBN3	AC Input : 100-240 Vac ; 50-60 Hz ; 1.5 A DC Output : 19.0Vdc ; 3.42A, 65.0W DC Output Cable : 1.45M / 1core AC Power Cord : 1.75M
Touch Pen	Getac	340GA8900001	-

3. EUT Overview

NR n2 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1852.5 ~ 1907.5	BPSK	0.103	20.12
		QPSK	0.104	20.19
		16QAM	0.065	18.15
		64QAM	0.057	17.59
		256QAM	0.037	15.64
10 MHz	1855 ~ 1905	BPSK	0.104	20.18
		QPSK	0.106	20.24
		16QAM	0.065	18.12
		64QAM	0.059	17.69
		256QAM	0.037	15.67
15 MHz	1857.5 ~ 1902.5	BPSK	0.104	20.19
		QPSK	0.106	20.25
		16QAM	0.066	18.17
		64QAM	0.059	17.68
		256QAM	0.037	15.63
20 MHz	1860 ~ 1900	BPSK	0.104	20.19
		QPSK	0.106	20.26
		16QAM	0.065	18.15
		64QAM	0.058	17.64
		256QAM	0.037	15.7

NR n5 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	826.5 ~ 846.5	BPSK	0.078	18.90
		QPSK	0.078	18.91
		16QAM	0.048	16.78
		64QAM	0.043	16.34
		256QAM	0.028	14.41
10 MHz	829 ~ 844	BPSK	0.077	18.84
		QPSK	0.079	18.96
		16QAM	0.049	16.89
		64QAM	0.044	16.40
		256QAM	0.027	14.34
15 MHz	831.5 ~ 841.5	BPSK	0.078	18.93
		QPSK	0.079	18.99
		16QAM	0.049	16.92
		64QAM	0.043	16.33
		256QAM	0.027	14.36
20 MHz	834 ~ 839	BPSK	0.077	18.89
		QPSK	0.079	19.00
		16QAM	0.05	16.95
		64QAM	0.043	16.37
		256QAM	0.028	14.40

NR n7 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	2502.5 ~ 2567.5	BPSK	0.084	19.26
		QPSK	0.086	19.32
		16QAM	0.054	17.3
		64QAM	0.048	16.82
		256QAM	0.03	14.84
10 MHz	2505 ~ 2565	BPSK	0.084	19.22
		QPSK	0.086	19.37
		16QAM	0.054	17.3
		64QAM	0.048	16.83
		256QAM	0.03	14.77
15 MHz	2507.5 ~ 2562.5	BPSK	0.085	19.3
		QPSK	0.087	19.38
		16QAM	0.053	17.26
		64QAM	0.049	16.88
		256QAM	0.031	14.89
20 MHz	2510 ~ 2560	BPSK	0.086	19.34
		QPSK	0.087	19.42
		16QAM	0.054	17.35
		64QAM	0.048	16.85
		256QAM	0.031	14.88
25 MHz	2512.5 ~ 2557.5	BPSK	0.086	19.35
		QPSK	0.088	19.43
		16QAM	0.054	17.36
		64QAM	0.049	16.86
		256QAM	0.031	14.89
30 MHz	2515 ~ 2555	BPSK	0.086	19.36
		QPSK	0.088	19.44
		16QAM	0.055	17.37
		64QAM	0.049	16.87
		256QAM	0.031	14.9
40 MHz	2520 ~ 2550	BPSK	0.087	19.38
		QPSK	0.088	19.46
		16QAM	0.055	17.39
		64QAM	0.049	16.89
		256QAM	0.031	14.92

NR n12 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	701.5 ~ 713.5	BPSK	0.129	21.09
		QPSK	0.129	21.11
		16QAM	0.08	19.05
		64QAM	0.072	18.58
		256QAM	0.046	16.59
10 MHz	704 ~ 711	BPSK	0.128	21.06
		QPSK	0.131	21.16
		16QAM	0.081	19.09
		64QAM	0.073	18.66
		256QAM	0.046	16.67
15 MHz	706.5 ~ 708.5	BPSK	0.128	21.07
		QPSK	0.132	21.20
		16QAM	0.081	19.08
		64QAM	0.073	18.62
		256QAM	0.046	16.62

NR n13 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	779.5 ~ 784.5	BPSK	0.117	20.68
		QPSK	0.119	20.76
		16QAM	0.073	18.66
		64QAM	0.066	18.17
		256QAM	0.042	16.20
10 MHz	782	BPSK	0.12	20.78
		QPSK	0.121	20.81
		16QAM	0.075	18.75
		64QAM	0.067	18.25
		256QAM	0.042	16.24

NR n14 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	790.5 ~ 795.5	BPSK	0.119	20.77
		QPSK	0.122	20.85
		16QAM	0.075	18.75
		64QAM	0.067	18.26
		256QAM	0.043	16.29
10 MHz	793	BPSK	0.122	20.86
		QPSK	0.123	20.9
		16QAM	0.077	18.87
		64QAM	0.069	18.36
		256QAM	0.044	16.39

NR n25 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1852.5 ~ 1912.5	BPSK	0.107	20.28
		QPSK	0.109	20.37
		16QAM	0.067	18.29
		64QAM	0.061	17.85
		256QAM	0.037	15.74
10 MHz	1855 ~ 1910	BPSK	0.107	20.29
		QPSK	0.11	20.41
		16QAM	0.067	18.28
		64QAM	0.061	17.83
		256QAM	0.038	15.82
15 MHz	1857.5 ~ 1907.5	BPSK	0.109	20.36
		QPSK	0.11	20.43
		16QAM	0.068	18.31
		64QAM	0.06	17.78
		256QAM	0.038	15.79
20 MHz	1860 ~ 1905	BPSK	0.109	20.39
		QPSK	0.111	20.44
		16QAM	0.068	18.35
		64QAM	0.061	17.84
		256QAM	0.038	15.84
25 MHz	1862.5 ~ 1902.5	BPSK	0.11	20.4
		QPSK	0.111	20.45
		16QAM	0.069	18.36
		64QAM	0.061	17.85
		256QAM	0.038	15.85
30 MHz	1865 ~ 1900	BPSK	0.11	20.41
		QPSK	0.111	20.46
		16QAM	0.069	18.37
		64QAM	0.061	17.86
		256QAM	0.039	15.86
35 MHz	1867.5 ~ 1897.5	BPSK	0.11	20.43
		QPSK	0.112	20.5
		16QAM	0.069	18.38
		64QAM	0.061	17.85
		256QAM	0.039	15.86
40 MHz	1870 ~ 1895	BPSK	0.113	20.54
		QPSK	0.115	20.59
		16QAM	0.071	18.5
		64QAM	0.063	17.99
		256QAM	0.04	15.99

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	816.5 ~ 821.5	BPSK	0.087	19.39
		QPSK	0.088	19.43
		16QAM	0.055	17.39
		64QAM	0.046	16.65
		256QAM	0.029	14.57
10 MHz	819	BPSK	0.089	19.48
		QPSK	0.088	19.43
		16QAM	0.055	17.43
		64QAM	0.047	16.73
		256QAM	0.029	14.66

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	826.5 ~ 846.5	BPSK	0.087	19.41
		QPSK	0.089	19.47
		16QAM	0.054	17.36
		64QAM	0.048	16.80
		256QAM	0.03	14.84
10 MHz	829 ~ 844	BPSK	0.088	19.45
		QPSK	0.09	19.54
		16QAM	0.055	17.38
		64QAM	0.048	16.84
		256QAM	0.031	14.89
15 MHz	831.5 ~ 841.5	BPSK	0.09	19.53
		QPSK	0.09	19.56
		16QAM	0.056	17.45
		64QAM	0.049	16.88
		256QAM	0.032	14.99
20 MHz	836.5	BPSK	0.09	19.55
		QPSK	0.091	19.57
		16QAM	0.055	17.44
		64QAM	0.049	16.93
		256QAM	0.032	15.04

NR n38 SCS 30 kHz

SISO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2575 ~ 2615	BPSK	0.112	20.49
		QPSK	0.116	20.63
		16QAM	0.072	18.6
		64QAM	0.064	18.05
		256QAM	0.040	16.04
15 MHz	2577.5 ~ 2612.5	BPSK	0.115	20.59
		QPSK	0.116	20.65
		16QAM	0.073	18.63
		64QAM	0.065	18.11
		256QAM	0.040	16.05
20 MHz	2580 ~ 2610	BPSK	0.115	20.62
		QPSK	0.117	20.67
		16QAM	0.073	18.65
		64QAM	0.066	18.19
		256QAM	0.040	15.97
30 MHz	2585 ~ 2605	BPSK	0.115	20.6
		QPSK	0.118	20.71
		16QAM	0.073	18.63
		64QAM	0.066	18.17
		256QAM	0.040	15.99
40 MHz	2590 ~ 2600	BPSK	0.117	20.7
		QPSK	0.118	20.73
		16QAM	0.074	18.7
		64QAM	0.066	18.19
		256QAM	0.040	16.05

MIMO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2575 ~ 2615	QPSK	0.146	21.63
		16QAM	0.092	19.63
		64QAM	0.082	19.16
		256QAM	0.051	17.09
15 MHz	2577.5 ~ 2612.5	QPSK	0.148	21.71
		16QAM	0.091	19.61
		64QAM	0.081	19.07
		256QAM	0.052	17.13
20 MHz	2580 ~ 2610	QPSK	0.150	21.77
		16QAM	0.088	19.45
		64QAM	0.078	18.94
		256QAM	0.049	16.90

NR n41 SCS 30 kHz

SISO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2501.01 ~ 2685	BPSK	0.142	21.53
		QPSK	0.144	21.59
		16QAM	0.062	17.94
		64QAM	0.061	17.87
		256QAM	0.048	16.83
15 MHz	2503.5 ~ 2682.48	BPSK	0.142	21.53
		QPSK	0.144	21.59
		16QAM	0.063	17.98
		64QAM	0.062	17.93
		256QAM	0.049	16.90
20 MHz	2506.02 ~ 2679.99	BPSK	0.145	21.60
		QPSK	0.146	21.63
		16QAM	0.064	18.07
		64QAM	0.063	18.00
		256QAM	0.049	16.90
30 MHz	2511 ~ 2674.98	BPSK	0.146	21.63
		QPSK	0.147	21.68
		16QAM	0.066	18.17
		64QAM	0.064	18.08
		256QAM	0.049	16.89
40 MHz	2516.01 ~ 2670	BPSK	0.147	21.66
		QPSK	0.147	21.67
		16QAM	0.065	18.11
		64QAM	0.064	18.06
		256QAM	0.049	16.91
50 MHz	2521.02 ~ 2664.99	BPSK	0.147	21.67
		QPSK	0.148	21.69
		16QAM	0.066	18.17
		64QAM	0.064	18.09
		256QAM	0.049	16.93

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
60 MHz	2526 ~ 2659.98	BPSK	0.145	21.60
		QPSK	0.147	21.67
		16QAM	0.066	18.20
		64QAM	0.064	18.05
		256QAM	0.049	16.88
80 MHz	2536.02 ~ 2649.99	BPSK	0.147	21.68
		QPSK	0.148	21.70
		16QAM	0.066	18.20
		64QAM	0.065	18.11
		256QAM	0.050	16.96
90 MHz	2541 ~ 2644.98	BPSK	0.149	21.73
		QPSK	0.149	21.73
		16QAM	0.067	18.25
		64QAM	0.066	18.19
		256QAM	0.050	16.95
100 MHz	2546.01 ~ 2640	BPSK	0.149	21.74
		QPSK	0.150	21.77
		16QAM	0.068	18.30
		64QAM	0.066	18.21
		256QAM	0.050	17.03

MIMO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2501.01 ~ 2685	QPSK	0.221	23.45
		16QAM	0.135	21.30
		64QAM	0.119	20.76
		256QAM	0.076	18.78
15 MHz	2503.5 ~ 2682.48	QPSK	0.218	23.39
		16QAM	0.135	21.29
		64QAM	0.119	20.74
		256QAM	0.076	18.82
20 MHz	2506.02 ~ 2679.99	QPSK	0.219	23.40
		16QAM	0.134	21.26
		64QAM	0.120	20.78
		256QAM	0.076	18.81
30 MHz	2511 ~ 2674.98	QPSK	0.220	23.42
		16QAM	0.134	21.28
		64QAM	0.118	20.72
		256QAM	0.076	18.82
40 MHz	2516.01 ~ 2670	QPSK	0.221	23.45
		16QAM	0.134	21.27
		64QAM	0.119	20.76
		256QAM	0.077	18.84
50 MHz	2521.02 ~ 2664.99	QPSK	0.222	23.46
		16QAM	0.133	21.23
		64QAM	0.119	20.76
		256QAM	0.077	18.88
60 MHz	2526 ~ 2659.98	QPSK	0.217	23.37
		16QAM	0.135	21.29
		64QAM	0.119	20.74
		256QAM	0.076	18.83
80 MHz	2536.02 ~ 2649.99	QPSK	0.216	23.35
		16QAM	0.132	21.20
		64QAM	0.119	20.76
		256QAM	0.076	18.79
90 MHz	2541 ~ 2644.98	QPSK	0.218	23.39
		16QAM	0.132	21.20
		64QAM	0.118	20.71
		256QAM	0.077	18.85
100 MHz	2546.01 ~ 2640	QPSK	0.223	23.48
		16QAM	0.129	21.12
		64QAM	0.115	20.60
		256QAM	0.072	18.57

NR n66 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1712.5 ~ 1777.5	BPSK	0.036	15.58
		QPSK	0.037	15.74
		16QAM	0.022	13.40
		64QAM	0.022	13.42
		256QAM	0.014	11.35
10 MHz	1715 ~ 1775	BPSK	0.037	15.67
		QPSK	0.038	15.79
		16QAM	0.022	13.45
		64QAM	0.022	13.42
		256QAM	0.014	11.44
15 MHz	1717.5 ~ 1772.5	BPSK	0.037	15.74
		QPSK	0.038	15.81
		16QAM	0.022	13.44
		64QAM	0.022	13.38
		256QAM	0.014	11.42
20 MHz	1720 ~ 1770	BPSK	0.037	15.67
		QPSK	0.038	15.75
		16QAM	0.022	13.41
		64QAM	0.022	13.38
		256QAM	0.014	11.35
25 MHz	1722.5 ~ 1767.5	BPSK	0.037	15.7
		QPSK	0.038	15.78
		16QAM	0.022	13.44
		64QAM	0.022	13.41
		256QAM	0.014	11.38
30 MHz	1725 ~ 1765	BPSK	0.037	15.67
		QPSK	0.037	15.72
		16QAM	0.023	13.64
		64QAM	0.021	13.18
		256QAM	0.013	11.13
35 MHz	1727.5 ~ 1762.5	BPSK	0.037	15.74
		QPSK	0.038	15.82
		16QAM	0.022	13.48
		64QAM	0.022	13.45
		256QAM	0.014	11.4
40 MHz	1730 ~ 1760	BPSK	0.038	15.77
		QPSK	0.038	15.85
		16QAM	0.022	13.51
		64QAM	0.022	13.48
		256QAM	0.014	11.43

NR n71 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	665.5 ~ 695.5	BPSK	0.088	19.45
		QPSK	0.089	19.50
		16QAM	0.056	17.51
		64QAM	0.048	16.80
		256QAM	0.029	14.65
10 MHz	668 ~ 693	BPSK	0.089	19.51
		QPSK	0.091	19.60
		16QAM	0.057	17.59
		64QAM	0.048	16.83
		256QAM	0.03	14.71
15 MHz	670.5 ~ 690.5	BPSK	0.09	19.55
		QPSK	0.093	19.67
		16QAM	0.058	17.64
		64QAM	0.048	16.83
		256QAM	0.03	14.77
20 MHz	673 ~ 688	BPSK	0.091	19.59
		QPSK	0.094	19.71
		16QAM	0.059	17.71
		64QAM	0.049	16.87
		256QAM	0.03	14.78
25 MHz	675.5 ~ 685.5	BPSK	0.09	19.55
		QPSK	0.093	19.67
		16QAM	0.058	17.64
		64QAM	0.048	16.83
		256QAM	0.03	14.77
30 MHz	678 ~ 683	BPSK	0.091	19.59
		QPSK	0.094	19.71
		16QAM	0.059	17.71
		64QAM	0.049	16.87
		256QAM	0.03	14.78

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

SISO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3455.01 ~ 3544.98	BPSK	0.137	21.37
		QPSK	0.139	21.44
		16QAM	0.061	17.85
		64QAM	0.055	17.38
		256QAM	0.049	16.86
15 MHz	3457.5 ~ 3542.49	BPSK	0.138	21.40
		QPSK	0.141	21.49
		16QAM	0.062	17.89
		64QAM	0.054	17.35
		256QAM	0.049	16.90
20 MHz	3460.02 ~ 3540	BPSK	0.140	21.47
		QPSK	0.142	21.52
		16QAM	0.062	17.91
		64QAM	0.056	17.46
		256QAM	0.050	16.95
30 MHz	3465 ~ 3534.99	BPSK	0.139	21.44
		QPSK	0.142	21.53
		16QAM	0.062	17.95
		64QAM	0.056	17.51
		256QAM	0.049	16.90
40 MHz	3470.01 ~ 3529.98	BPSK	0.140	21.45
		QPSK	0.143	21.55
		16QAM	0.063	18.01
		64QAM	0.056	17.52
		256QAM	0.050	17.00
50 MHz	3475.02 ~ 3525	BPSK	0.142	21.53
		QPSK	0.144	21.59
		16QAM	0.063	17.99
		64QAM	0.057	17.54
		256QAM	0.050	17.01

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
60 MHz	3480 ~ 3519.99	BPSK	0.142	21.52
		QPSK	0.146	21.63
		16QAM	0.064	18.07
		64QAM	0.057	17.59
		256QAM	0.051	17.07
70 MHz	3485.01 ~ 3514.98	BPSK	0.144	21.57
		QPSK	0.146	21.64
		16QAM	0.064	18.08
		64QAM	0.058	17.61
		256QAM	0.051	17.07
80 MHz	3490.02 ~ 3510	BPSK	0.144	21.57
		QPSK	0.147	21.67
		16QAM	0.065	18.13
		64QAM	0.058	17.62
		256QAM	0.051	17.11
90 MHz	3495 ~ 3504.99	BPSK	0.148	21.69
		QPSK	0.148	21.71
		16QAM	0.065	18.15
		64QAM	0.059	17.72
		256QAM	0.052	17.14
100 MHz	3500.01	BPSK	0.154	21.88
		QPSK	0.155	21.89
		16QAM	0.071	18.53
		64QAM	0.070	18.48
		256QAM	0.052	17.14

MIMO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3455.01 ~ 3544.98	QPSK	0.136	21.32
		16QAM	0.079	18.99
		64QAM	0.070	18.47
		256QAM	0.044	16.48
15 MHz	3457.5 ~ 3542.49	QPSK	0.135	21.29
		16QAM	0.077	18.88
		64QAM	0.068	18.32
		256QAM	0.043	16.36
20 MHz	3460.02 ~ 3540	QPSK	0.135	21.30
		16QAM	0.080	19.01
		64QAM	0.071	18.50
		256QAM	0.044	16.45
30 MHz	3465 ~ 3534.99	QPSK	0.137	21.36
		16QAM	0.080	19.01
		64QAM	0.070	18.47
		256QAM	0.044	16.48
40 MHz	3470.01 ~ 3529.98	QPSK	0.136	21.34
		16QAM	0.080	19.01
		64QAM	0.071	18.51
		256QAM	0.044	16.44
50 MHz	3475.02 ~ 3525	QPSK	0.136	21.32
		16QAM	0.079	18.99
		64QAM	0.071	18.49
		256QAM	0.044	16.48
60 MHz	3480 ~ 3519.99	QPSK	0.136	21.32
		16QAM	0.079	18.98
		64QAM	0.071	18.51
		256QAM	0.045	16.50
70 MHz	3485.01 ~ 3514.98	QPSK	0.135	21.31
		16QAM	0.080	19.01
		64QAM	0.071	18.50
		256QAM	0.044	16.48
80 MHz	3490.02 ~ 3510	QPSK	0.136	21.33
		16QAM	0.079	18.97
		64QAM	0.071	18.49
		256QAM	0.044	16.46
90 MHz	3495 ~ 3504.99	QPSK	0.135	21.31
		16QAM	0.079	18.99
		64QAM	0.071	18.50
		256QAM	0.044	16.44
100 MHz	3500.01	QPSK	0.136	21.34
		16QAM	0.079	18.97
		64QAM	0.070	18.45
		256QAM	0.044	16.44

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

SISO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3705 ~ 3975	BPSK	0.139	21.42
		QPSK	0.139	21.42
		16QAM	0.063	17.97
		64QAM	0.064	18.03
		256QAM	0.046	16.64
15 MHz	3707.52 ~ 3972.48	BPSK	0.139	21.42
		QPSK	0.141	21.50
		16QAM	0.063	17.97
		64QAM	0.064	18.04
		256QAM	0.047	16.69
20 MHz	3710.01 ~ 3969.99	BPSK	0.140	21.45
		QPSK	0.138	21.41
		16QAM	0.064	18.05
		64QAM	0.063	18.02
		256QAM	0.047	16.74
30 MHz	3715.02 ~ 3964.98	BPSK	0.140	21.47
		QPSK	0.141	21.50
		16QAM	0.064	18.07
		64QAM	0.065	18.10
		256QAM	0.047	16.76
40 MHz	3720 ~ 3960	BPSK	0.142	21.52
		QPSK	0.142	21.51
		16QAM	0.064	18.09
		64QAM	0.065	18.10
		256QAM	0.048	16.79
50 MHz	3725.01 ~ 3954.99	BPSK	0.143	21.56
		QPSK	0.143	21.54
		16QAM	0.065	18.13
		64QAM	0.065	18.14
		256QAM	0.048	16.85

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
60 MHz	3730.02 ~ 3949.98	BPSK	0.142	21.51
		QPSK	0.143	21.55
		16QAM	0.065	18.11
		64QAM	0.065	18.12
		256QAM	0.047	16.76
70 MHz	3735 ~ 3945	BPSK	0.144	21.58
		QPSK	0.145	21.60
		16QAM	0.066	18.19
		64QAM	0.065	18.16
		256QAM	0.048	16.85
80 MHz	3740.01 ~ 3939.99	BPSK	0.141	21.50
		QPSK	0.145	21.62
		16QAM	0.065	18.16
		64QAM	0.066	18.19
		256QAM	0.048	16.85
90 MHz	3745.02 ~ 3934.98	BPSK	0.143	21.55
		QPSK	0.143	21.56
		16QAM	0.066	18.18
		64QAM	0.066	18.18
		256QAM	0.049	16.89
100 MHz	3750 ~ 3930	BPSK	0.144	21.58
		QPSK	0.145	21.62
		16QAM	0.066	18.20
		64QAM	0.066	18.21
		256QAM	0.049	16.93

MIMO Mode

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3705 ~ 3975	QPSK	0.136	21.33
		16QAM	0.079	18.98
		64QAM	0.070	18.46
		256QAM	0.044	16.41
15 MHz	3707.52 ~ 3972.48	QPSK	0.135	21.30
		16QAM	0.078	18.92
		64QAM	0.070	18.46
		256QAM	0.044	16.42
20 MHz	3710.01 ~ 3969.99	QPSK	0.136	21.32
		16QAM	0.079	18.98
		64QAM	0.070	18.45
		256QAM	0.043	16.37
30 MHz	3715.02 ~ 3964.98	QPSK	0.136	21.32
		16QAM	0.079	18.97
		64QAM	0.070	18.44
		256QAM	0.044	16.39
40 MHz	3720 ~ 3960	QPSK	0.136	21.32
		16QAM	0.079	18.96
		64QAM	0.070	18.43
		256QAM	0.044	16.39
50 MHz	3725.01 ~ 3954.99	QPSK	0.135	21.31
		16QAM	0.079	18.97
		64QAM	0.070	18.42
		256QAM	0.044	16.43
60 MHz	3730.02 ~ 3949.98	QPSK	0.136	21.32
		16QAM	0.079	18.95
		64QAM	0.070	18.42
		256QAM	0.044	16.40
70 MHz	3735 ~ 3945	QPSK	0.135	21.29
		16QAM	0.078	18.93
		64QAM	0.071	18.49
		256QAM	0.044	16.40
80 MHz	3740.01 ~ 3939.99	QPSK	0.136	21.33
		16QAM	0.079	18.97
		64QAM	0.070	18.43
		256QAM	0.044	16.42
90 MHz	3745.02 ~ 3934.98	QPSK	0.135	21.31
		16QAM	0.079	18.96
		64QAM	0.070	18.45
		256QAM	0.044	16.39
100 MHz	3750 ~ 3930	QPSK	0.137	21.37
		16QAM	0.080	19.01
		64QAM	0.071	18.49
		256QAM	0.044	16.45

4. The EUT supports the following ENDC configuration.

	FCC 5G FR1			ENDC
	Band	SCS	Bandwidth (MHz)	
5G NR	n2	15 kHz	5/10/15/20	Band 5/12/13/14/71
	n5	15 kHz	5/10/15/20	Band 5/7/48/66
	n7	15 kHz	5/10/15/20/25/30/40	Band 5/12/13/71
	n12	15 kHz	5/10/15	Band 2/7/48/66
	n13	15 kHz	5/10	-
	n14	15 kHz	5/10	Band 2/66
	n25	15 kHz	5/10/15/20/25/30/35/40	Band 5/12/13/26/48/71
	n26 (814 MHz ~ 824 MHz)	15 kHz	5/10	-
	n26 (824 MHz ~ 849 MHz)	15 kHz	5/10/15/20	-
	n38	30 kHz	10/15/20/30/40	Band 2/4/5/12/66/71
	n41	30 kHz	10/15/20/30/40/50/60/80/90/100	Band 2/4/5/12/25/26/41/66/71
	n66	15 kHz	5/10/15/20/25/30/35/40	Band 5/12/13/14/48/71
	n71	15 kHz	5/10/15/20/25/30	Band 2/7/48/66
	n77 (3450 MHz ~ 3550 MHz)	30 kHz	10/15/20/30/40/50/60/70/80/90/100	Band 2/5/7/12/13/14/25/41/66/71
	n77 (3700 MHz ~ 3980 MHz)	30 kHz	10/15/20/30/40/50/60/70/80/90/100	Band 2/5/7/12/13/14/25/41/66/71
	n78 (3450 MHz ~ 3550 MHz)	30 kHz	10/15/20/30/40/50/60/70/80/90/100	Band 2/5/7/12/13/25/41/66/71
	n78 (3700 MHz ~ 3980 MHz)	30 kHz	10/15/20/30/40/50/60/70/80/90/100	Band 2/5/7/12/13/25/41/66/71

5. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.

6. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

Antenna Type	Antenna Connector	Band	Peak Gain (dBi)			
			Ant 0 (MAIN)	Ant 2 (AUX)	Ant 1 (MIMO1)	Ant 3 (MIMO2)
PIFA	Ant 0/2/3: IPEX I Ant 1: IPEX (NGFF)	5G NR n2	1.81	1.93	-	-
		5G NR n5	0.74	-	-	-
		5G NR n7	1.99	-0.08	-	-
		5G NR n12	2.39	-	-	-
		5G NR n13	2.47	-	-	-
		5G NR n14	1.63	-	-	-
		5G NR n25	1.81	2.29	-	-
		5G NR n26 (814 MHz ~ 824 MHz)	0.74	-	-	-
		5G NR n26 (824 MHz ~ 849 MHz)	0.74	-	-	-
		5G NR n38	0.69	-1.22	-0.26	-1.19
		5G NR n41	1.99	-0.08	0.44	-0.22
		5G NR n66	1.03	-	-	-
		5G NR n71	2.4	-	-	-
		5G NR n77 (3450 MHz ~ 3550 MHz)	1.51	0.03	2.57	2.46
		5G NR n77 (3700 MHz ~ 3980 MHz)	2.43	0.03	2.57	2.46
		5G NR n78 (3450 MHz ~ 3550 MHz)	1.51	0.03	2.57	2.46
		5G NR n78 (3700 MHz ~ 3980 MHz)	2.43	0.03	2.57	2.46

*The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

*For all bands except 5G NR n38/41/77/78 were fixed on Ant. 0

*For SISO mode:

5G NR n38/41 were fixed on Ant. 2

5G NR n77/78 were fixed on Ant. 3

*For MIMO mode:

5G NR n38/41 were fixed on Ant. 0 and Ant. 2

5G NR n77/78 were fixed on Ant. 1 and Ant. 3

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. EUT can be used in the following ways: X-axis / Y-axis / Z-axis / NB-axis. Pre-scan these ways and find the worst case as a representative test condition. 2. Pre-scan Battery 1 / Battery 2 and find the worst case as a representative test condition.
Worst Case:	1. X-axis / Y-axis / Z-axis / NB-axis Worst Condition: NB-axis 2. Battery Worst Condition: Battery 1

3.3.1 NR n2 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	376000(1880.00 MHz)	20 MHz	QPSK	1 RB
RE Above 1GHz	372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	QPSK	1 RB

3.3.2 NR n5 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	167800(839.00 MHz)	20 MHz	QPSK	1 RB
RE Above 1GHz	166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	QPSK	1 RB

3.3.3 NR n7 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	500500(2502.50 MHz) 507000(2535.00 MHz) 513500(2567.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	501000(2505.00 MHz) 507000(2535.00 MHz) 513000(2565.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	501500(2507.50 MHz) 507000(2535.00 MHz) 512500(2562.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	502000(2510.00 MHz) 507000(2535.00 MHz) 512000(2560.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	502500(2512.50 MHz) 507000(2535.00 MHz) 511500(2557.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	503000(2515.00 MHz) 507000(2535.00 MHz) 511000(2555.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	504000(2520.00 MHz) 507000(2535.00 MHz) 510000(2550.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	507000(2535.00 MHz)	40 MHz	QPSK	1 RB
RE Above 1GHz	504000(2520.00 MHz) 507000(2535.00 MHz) 510000(2550.00 MHz)	40 MHz	QPSK	1 RB

3.3.4 NR n12 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	140800(704.00 MHz) 141500(707.50 MHz) 142200(711.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	141300(706.50 MHz)	15 MHz	QPSK	1 RB
RE Above 1GHz	141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	QPSK	1 RB

3.3.5 NR n13 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	155900(779.50 MHz) 156400(782.00 MHz) 156900(784.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	156400(782.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	156400(782.00 MHz)	10 MHz	QPSK	1 RB
RE Above 1GHz	156400(782.00 MHz)	10 MHz	QPSK	1 RB

3.3.6 NR n14 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	158100(790.50 MHz) 158600(793.00 MHz) 159100(795.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	158600(793.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	158600(793.00 MHz)	10 MHz	QPSK	1 RB
RE Above 1GHz	158600(793.00 MHz)	10 MHz	QPSK	1 RB

3.3.7 NR n25 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	370500(1852.50 MHz) 376500(1882.50 MHz) 382500(1912.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371000(1855.00 MHz) 376500(1882.50 MHz) 382000(1910.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371500(1857.50 MHz) 376500(1882.50 MHz) 381500(1907.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372000(1860.00 MHz) 376500(1882.50 MHz) 381000(1905.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372500(1862.50 MHz) 376500(1882.50 MHz) 380500(1902.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	373000(1865.00 MHz) 376500(1882.50 MHz) 380000(1900.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	373500(1867.50 MHz) 376500(1882.50 MHz) 379500(1897.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	374000(1870.00 MHz) 376500(1882.50 MHz) 379000(1895.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	374000(1870.00 MHz)	40 MHz	QPSK
RE Above 1GHz	374000(1870.00 MHz) 376500(1882.50 MHz) 379000(1895.00 MHz)	40 MHz	QPSK	1 RB

3.3.8 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	163300(816.50 MHz) 163800(819.00 MHz) 164300(821.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	163800(819.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	163800(819.00 MHz)	10 MHz	QPSK	1 RB
RE Above 1GHz	163800(819.00 MHz)	10 MHz	QPSK	1 RB

3.3.9 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	167300(836.50 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	167300(836.50 MHz)	20 MHz	QPSK	1 RB
RE Above 1GHz	167300(836.50 MHz)	20 MHz	QPSK	1 RB

3.3.10 NR n38 SCS 30 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	1Tx	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		515500(2577.50 MHz) 519000(2595.00 MHz) 522500(2612.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		517000(2585.00 MHz) 519000(2595.00 MHz) 521000(2605.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	2Tx	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		515500(2577.50 MHz) 519000(2595.00 MHz) 522500(2612.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	1Tx	518000(2590.00 MHz)	40 MHz	QPSK	1 RB
RE Above 1GHz	1Tx	518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	QPSK	1 RB
RE Above 1GHz	2Tx	516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	QPSK	1 RB

3.3.11 NR n41 SCS 30 kHz

Test Item	Tx/Rx condition	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	1Tx	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		500700(2503.50MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	2Tx	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		500700(2503.50MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	1Tx	518598(2592.99 MHz)	100 MHz	QPSK	1 RB
RE Above 1GHz	1Tx, 2Tx	509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	QPSK	1 RB

3.3.12 NR n66 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343000(1715.00 MHz) 349000(1745.00 MHz) 355000(1775.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343500(1717.50 MHz) 349000(1745.00 MHz) 354500(1772.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344000(1720.00 MHz) 349000(1745.00 MHz) 354000(1770.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344500(1722.50 MHz) 349000(1745.00 MHz) 353500(1767.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	345000(1725.00 MHz) 349000(1745.00 MHz) 353000(1765.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	345500(1727.50 MHz) 349000(1745.00 MHz) 352500(1762.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	349000(1745.00 MHz) 40 MHz	QPSK	1 RB
	RE Above 1GHz	346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz) 40 MHz	QPSK	1 RB

3.3.13 NR n71 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	133100(665.50 MHz) 136100(680.50 MHz) 139100(695.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	133600(668.00 MHz) 136100(680.50 MHz) 138600(693.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	134100(670.50 MHz) 136100(680.50 MHz) 138100(690.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	134600(673.00 MHz) 136100(680.50 MHz) 137600(688.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	135100(675.50 MHz) 136100(680.50 MHz) 137100(683.00 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	135600(678.00 MHz) 136100(680.50 MHz) 136600(683.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	136100(680.50 MHz) 30 MHz	QPSK	1 RB
	RE Above 1GHz	135600(678.00 MHz) 136100(680.50 MHz) 136600(683.00 MHz) 30 MHz	QPSK	1 RB

3.3.14 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	1Tx	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		633000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		633334(3500.01 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	2Tx	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		633000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		633334(3500.01 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	1Tx	633334(3500.01 MHz)	100 MHz	QPSK	1 RB
RE Above 1GHz	1Tx, 2Tx	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK	1 RB
	1Tx, 2Tx	631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	QPSK	1 RB
	1Tx, 2Tx	633334(3500.01 MHz)	100 MHz	QPSK	1 RB

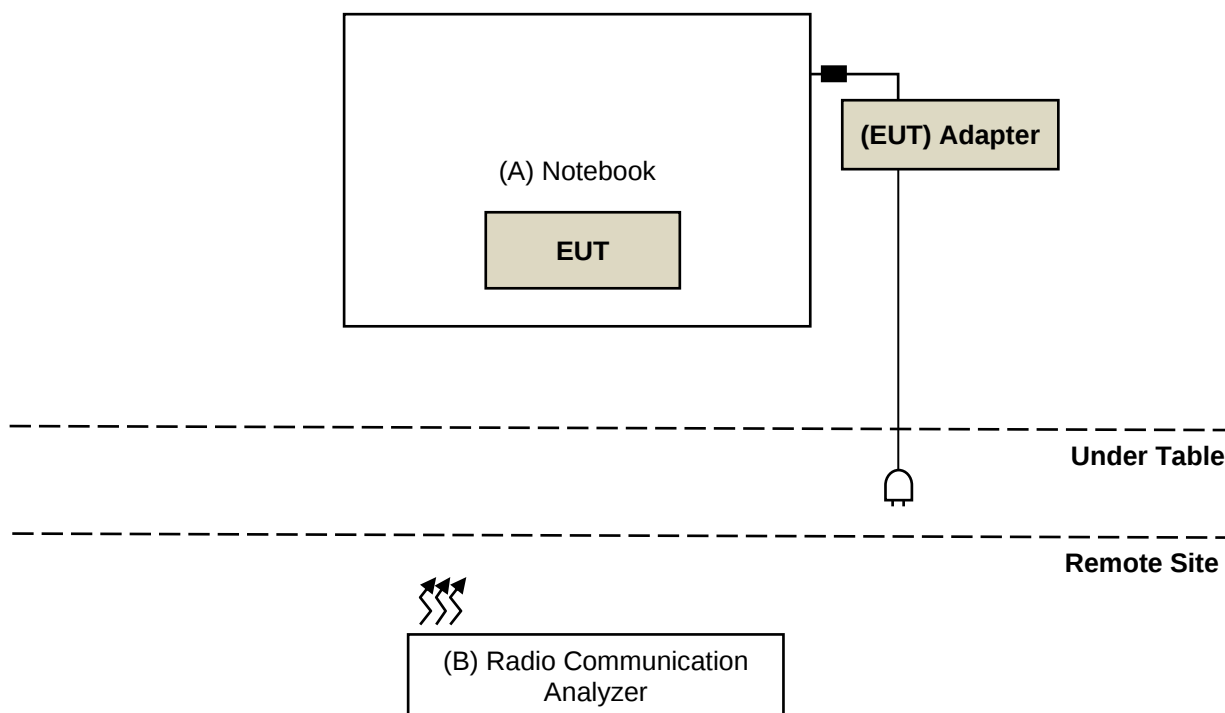
3.3.15 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	1Tx	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	2Tx	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	1Tx	662000(3930.00 MHz)	100 MHz	QPSK	1 RB
RE Above 1GHz	1Tx, 2Tx	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	QPSK	1 RB
	1Tx, 2Tx	648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	QPSK	1 RB
	1Tx, 2Tx	650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK	1 RB

3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Notebook	Getac	V120	N/A	N/A	Supplied by applicant
B	Radio Communication Analyzer	Anritsu	MT8000A	6272278595	N/A	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2025/5/23	2026/5/22
PXA Signal Analyzer Keysight	N9030B	MY57140938	2025/3/24	2026/3/23
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
UXM 5G Wireless Test Platform Keysight	E7515B	MY58300759	2024/7/3	2025/7/2

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/6/23 ~ 2025/6/26

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1214	2024/10/15	2025/10/14
EXA Signal Analyzer Agilent	N9010A	MY52220207	2024/12/30	2025/12/29
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier EMCI	EMC330N	980798	2025/1/14	2026/1/13
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201248	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-3000	201249	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-9000	201251(with PAD)	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2025/6/16 ~ 2025/6/17

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
EXA Signal Analyzer Agilent	N9010A	MY52220207	2024/12/30	2025/12/29
Horn Antenna RFSPIN	DRH18-E	210104A18E	2024/11/10	2025/11/9
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2024/11/10	2025/11/9
MXE EMI Receiver Agilent	N9038A	MY52260177	2024/9/19	2025/9/18
Preamplifier Agilent	83017A	MY39501357	2025/6/11	2026/6/10
Preamplifier EMCI	EMC184045SE	980788	2025/1/14	2026/1/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2025/1/14	2026/1/13
	EMC101G-KM-KM-3000	201258	2025/1/14	2026/1/13
	EMC101G-KM-KM-5000	201261	2025/1/14	2026/1/13
	EMC104-SM-SM-1000	210103	2025/1/14	2026/1/13
	EMC104-SM-SM-3000	201241	2025/1/14	2026/1/13
	EMC104-SM-SM-9000	201244	2025/1/14	2026/1/13
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9.
2. Tested Date: 2025/6/13 ~ 2025/6/18

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For NR n5 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

For NR n2 SCS 15 kHz, NR n25 SCS 15 kHz:

Mobile and portable stations are limited to 2 watts EIRP.

For NR n14 SCS 15 kHz:

Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw) ERP.

For NR n12 SCS 15 kHz, NR n71 SCS 15 kHz:

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.

For NR n13 SCS 15 kHz:

Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

For NR n66 SCS 15 kHz:

Fixed, mobile, and portable (hand-held) 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.

For NR n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

Mobile and portable stations are limited to 1 Watt EIRP.

For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

Mobile devices are limited to 1Watt (30 dBm) EIRP.

5.2 Radiated Spurious Emissions below 1GHz

For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

For NR n14 SCS 15 kHz:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

For NR n12 SCS 15 kHz, NR n71 SCS 15 kHz:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For NR n13 SCS 15 kHz:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For NR n66 SCS 15 kHz:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

For NR n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

5.3 Radiated Spurious Emissions above 1GHz

For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

For NR n14 SCS 15 kHz:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB.

According to FCC 47 CFR part 90.543 (f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

For §90.691(a), RBW = 100 kHz for offset greater than 37.5 kHz from channel edge is allowed.

For NR n12 SCS 15 kHz, NR n71 SCS 15 kHz:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For NR n13 SCS 15 kHz:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. The limit of emissions is equal to -13 dBm.

For operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz (EIRP). The limit of emissions is equal to -40 dBm.

For NR n66 SCS 15 kHz:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB. The limit of emission is equal to -13 dBm.

For NR n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

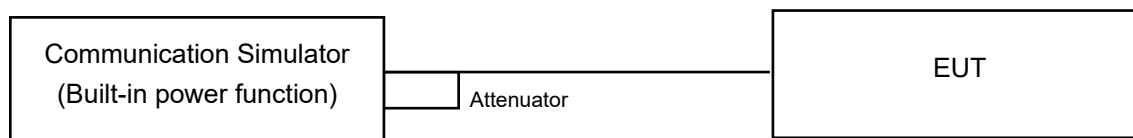
According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



6.1.2 Test Procedure

Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology. The average (rms) power measurement was performed on emulator and power value was measured from power function on emulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator. The EUT is configured by emulator to set data modulation and maximum power using WWAN technology and link to spectrum analyzer measurements. Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer. Power measurements use detector average (rms).

Measurement method refers to ANSI C63.26 section 5.2.4.4.

- Set span to 2 × to 3 × the OBW.
- Set RBW = 1% to 5% of the OBW.
- Set VBW ≥ 3 × RBW.
- Set number of measurement points in sweep ≥ 2 × span / RBW.
- Set Sweep time = auto-couple.
- Detector = power averaging (rms).
- Set sweep trigger to “free run.”
- Trace average at least 100 traces in power averaging (rms) mode.
- Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
- Compute power by integrating the spectrum across the OBW of the signal using the instrument’s band or channel power measurement function with band/channel limits set equal to the OBW band edges.
- If Duty cycle < 98%, Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission.

Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = P_{\text{Meas}} + G_T - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

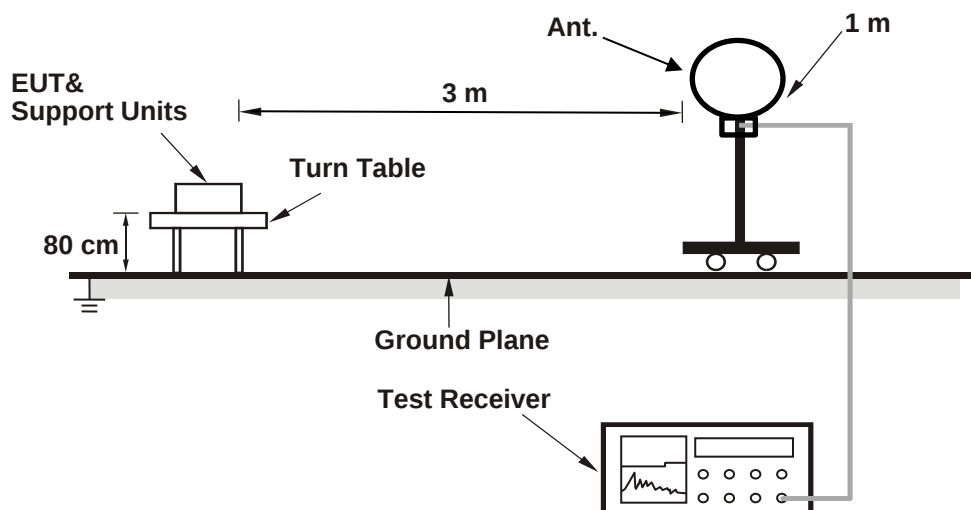
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

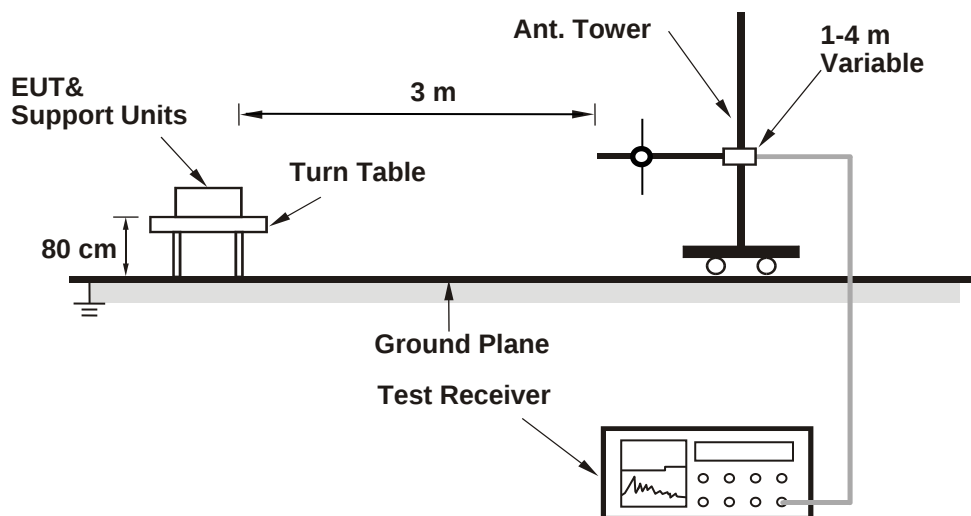
6.2 Radiated Spurious Emissions below 1GHz

6.2.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.2.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following ANSI C63.26 section 5.5 and 5.2.7
- e. $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- f. $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

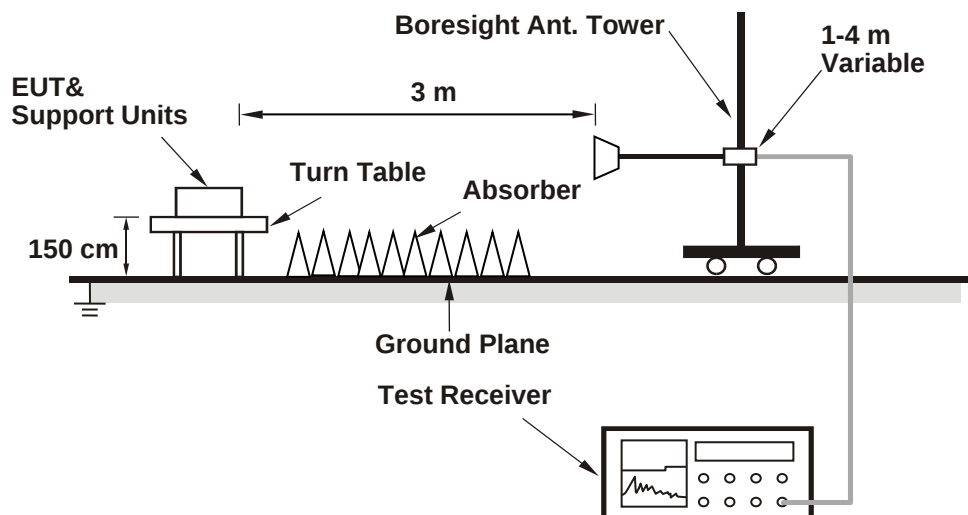
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The amplitude of spurious emissions in the range 9 kHz to 30 MHz which are attenuated more than 20 dB below the permissible value need not be reported.

6.3 Radiated Spurious Emissions above 1GHz

6.3.1 Test Setup

For radiated emission above 1 GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.3.2 Test Procedure

The EUT is configured to set data modulation and maximum power using WWAN technology.

- In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- Following ANSI C63.26 section 5.5 and 5.2.7
- $EIRP \text{ (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP \text{ (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	7.74 Vdc	Environmental Conditions:	23°C, 62% RH	Tested By:	Charles Hsiao
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7.1.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 370500	CH 376000	CH 381500
			1852.5 MHz	1880 MHz	1907.5 MHz
BPSK	1	1	18.29	18.31	18.22
	1	0	17.82	17.83	17.81
QPSK	1	1	18.37	18.38	18.33
	1	0	17.25	17.30	17.20
	1	13	18.29	18.32	18.25
	1	23	18.24	18.31	18.26
	1	24	18.26	18.30	18.25
	12	0	17.30	17.30	17.28
	12	7	18.23	18.33	18.25
	12	13	17.24	17.33	17.18
	25	0	17.21	17.31	17.26
16QAM	1	0	16.32	16.34	16.29
64QAM	1	0	15.68	15.78	15.72
256QAM	1	0	13.81	13.73	13.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.81	18.31	19.62	20.12	33.01
QPSK	17.18	18.38	18.99	20.19	33.01
16QAM	16.29	16.34	18.1	18.15	33.01
64QAM	15.68	15.78	17.49	17.59	33.01
256QAM	13.73	13.83	15.54	15.64	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371000	CH 376000	CH 381000
			1855 MHz	1880 MHz	1905 MHz
BPSK	1	1	18.28	18.37	18.31
	1	0	17.81	17.89	17.80
QPSK	1	1	18.37	18.43	18.36
	1	0	17.27	17.30	17.27
	1	26	18.31	18.37	18.29
	1	49	18.31	18.36	18.26
	1	51	18.36	18.31	18.30
	25	0	17.30	17.35	17.24
	25	14	18.30	18.29	18.21
	25	27	17.35	17.29	17.27
	50	0	17.37	17.40	17.34
	52	0	17.27	17.25	17.21
16QAM	1	0	16.31	16.25	16.25
64QAM	1	0	15.73	15.88	15.76
256QAM	1	0	13.86	13.80	13.70

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.8	18.37	19.61	20.18	33.01
QPSK	17.21	18.43	19.02	20.24	33.01
16QAM	16.25	16.31	18.06	18.12	33.01
64QAM	15.73	15.88	17.54	17.69	33.01
256QAM	13.7	13.86	15.51	15.67	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371500	CH 376000	CH 380500
			1857.5 MHz	1880 MHz	1902.5 MHz
BPSK	1	1	18.38	18.38	18.26
	1	0	17.86	17.90	17.84
QPSK	1	1	18.42	18.44	18.37
	1	0	17.33	17.34	17.22
	1	40	18.30	18.34	18.24
	1	74	18.37	18.33	18.31
	1	78	18.33	18.38	18.30
	36	0	17.38	17.37	17.29
	36	22	18.32	18.30	18.21
	36	43	17.37	17.30	17.20
	75	0	17.39	17.40	17.34
	79	0	17.35	17.31	17.21
16QAM	1	0	16.31	16.36	16.21
64QAM	1	0	15.84	15.87	15.76
256QAM	1	0	13.75	13.82	13.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.84	18.38	19.65	20.19	33.01
QPSK	17.2	18.44	19.01	20.25	33.01
16QAM	16.21	16.36	18.02	18.17	33.01
64QAM	15.76	15.87	17.57	17.68	33.01
256QAM	13.75	13.82	15.56	15.63	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372000	CH 376000	CH 38000
			1860 MHz	1880 MHz	1900 MHz
BPSK	1	1	18.36	18.38	18.27
	1	0	17.81	17.84	17.85
QPSK	1	1	18.44	18.45	18.35
	1	0	17.30	17.35	17.30
	1	53	18.31	18.32	18.25
	1	99	18.39	18.40	18.26
	1	105	18.38	18.38	18.24
	50	0	17.37	17.33	17.26
	50	28	18.31	18.40	18.29
	50	56	17.34	17.31	17.22
	100	0	17.39	17.41	17.34
	106	0	17.28	17.34	17.19
16QAM	1	0	16.29	16.28	16.34
64QAM	1	0	15.81	15.80	15.83
256QAM	1	0	13.89	13.86	13.70

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.81	18.38	19.62	20.19	33.01
QPSK	17.19	18.45	19	20.26	33.01
16QAM	16.28	16.34	18.09	18.15	33.01
64QAM	15.8	15.83	17.61	17.64	33.01
256QAM	13.7	13.89	15.51	15.7	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165300	CH 167300	CH 169300
			826.5 MHz	836.5 MHz	846.5 MHz
BPSK	1	1	20.19	20.21	20.31
	1	0	19.68	19.68	19.78
QPSK	1	1	20.29	20.28	20.32
	1	0	19.18	19.13	19.20
	1	13	20.20	20.17	20.27
	1	23	20.19	20.22	20.31
	1	24	20.18	20.21	20.29
	12	0	19.11	19.19	19.29
	12	7	20.20	20.14	20.25
	12	13	19.21	19.14	19.21
	25	0	19.25	19.27	19.33
16QAM	1	0	18.13	18.17	18.19
64QAM	1	0	17.63	17.75	17.73
256QAM	1	0	15.60	15.61	15.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	19.68	20.31	18.27	18.90	38.45
QPSK	19.11	20.32	17.70	18.91	38.45
16QAM	18.13	18.19	16.72	16.78	38.45
64QAM	17.63	17.75	16.22	16.34	38.45
256QAM	15.60	15.82	14.19	14.41	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165800	CH 167300	CH 168800
			829 MHz	836.5 MHz	844 MHz
BPSK	1	1	20.20	20.23	20.25
	1	0	19.66	19.75	19.79
QPSK	1	1	20.29	20.30	20.37
	1	0	19.19	19.18	19.27
	1	26	20.19	20.26	20.31
	1	50	20.17	20.29	20.32
	1	51	20.21	20.27	20.29
	25	0	19.17	19.22	19.26
	25	14	20.16	20.21	20.28
	25	27	19.13	19.20	19.32
	50	0	19.27	19.30	19.34
	52	0	19.11	19.18	19.23
16QAM	1	0	18.25	18.23	18.30
64QAM	1	0	17.68	17.81	17.71
256QAM	1	0	15.75	15.69	15.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	19.66	20.25	18.25	18.84	38.45
QPSK	19.11	20.37	17.70	18.96	38.45
16QAM	18.23	18.30	16.82	16.89	38.45
64QAM	17.68	17.81	16.27	16.40	38.45
256QAM	15.69	15.75	14.28	14.34	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166300	CH 167300	CH 168300
			831.5 MHz	836.5 MHz	841.5 MHz
BPSK	1	1	20.23	20.30	20.34
	1	0	19.79	19.81	19.86
QPSK	1	1	20.30	20.35	20.40
	1	0	19.25	19.31	19.33
	1	40	20.21	20.31	20.28
	1	77	20.24	20.25	20.33
	1	78	20.19	20.30	20.34
	36	0	19.21	19.23	19.29
	36	22	20.24	20.25	20.23
	36	43	19.16	19.25	19.29
	75	0	19.29	19.31	19.32
	79	0	19.22	19.19	19.21
16QAM	1	0	18.23	18.31	18.33
64QAM	1	0	17.63	17.69	17.74
256QAM	1	0	15.67	15.77	15.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	19.79	20.34	18.38	18.93	38.45
QPSK	19.16	20.40	17.75	18.99	38.45
16QAM	18.23	18.33	16.82	16.92	38.45
64QAM	17.63	17.74	16.22	16.33	38.45
256QAM	15.67	15.77	14.26	14.36	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166800	CH 167300	CH 167800
			834 MHz	836.5 MHz	839 MHz
BPSK	1	1	20.20	20.30	20.27
	1	0	19.69	19.85	19.82
QPSK	1	1	20.31	20.36	20.41
	1	0	19.14	19.31	19.33
	1	53	20.20	20.24	20.30
	1	104	20.22	20.30	20.34
	1	105	20.24	20.26	20.29
	50	0	19.18	19.27	19.27
	50	28	20.21	20.22	20.31
	50	56	19.21	19.26	19.28
	100	0	19.27	19.33	19.35
	106	0	19.15	19.21	19.23
16QAM	1	0	18.12	18.32	18.36
64QAM	1	0	17.69	17.78	17.71
256QAM	1	0	15.78	15.81	15.78

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	19.69	20.30	18.28	18.89	38.45
QPSK	19.14	20.41	17.73	19.00	38.45
16QAM	18.12	18.36	16.71	16.95	38.45
64QAM	17.69	17.78	16.28	16.37	38.45
256QAM	15.78	15.81	14.37	14.40	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.3 NR n7 SCS 15 kHz

NR n7 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500500	CH 507000	CH 513500
			2502.5 MHz	2535 MHz	2567.5 MHz
BPSK	1	1	17.17	17.27	17.24
	1	0	16.72	16.78	16.70
QPSK	1	1	17.28	17.33	17.30
	1	0	16.13	16.24	16.25
	1	13	17.22	17.31	17.21
	1	23	17.17	17.24	17.26
	1	24	17.21	17.26	17.20
	12	0	16.11	16.28	16.20
	12	7	17.17	17.30	17.16
	12	13	16.22	16.20	16.20
	25	0	16.19	16.17	16.15
16QAM	1	0	15.10	15.31	15.16
64QAM	1	0	14.71	14.83	14.72
256QAM	1	0	12.63	12.85	12.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.7	17.27	18.69	19.26	33.01
QPSK	16.11	17.33	18.1	19.32	33.01
16QAM	15.1	15.31	17.09	17.3	33.01
64QAM	14.71	14.83	16.7	16.82	33.01
256QAM	12.63	12.85	14.62	14.84	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501000	CH 507000	CH 513000
			2505 MHz	2535 MHz	2565 MHz
BPSK	1	1	17.19	17.23	17.22
	1	0	16.72	16.73	16.80
QPSK	1	1	17.28	17.38	17.33
	1	0	16.19	16.26	16.19
	1	26	17.17	17.27	17.21
	1	50	17.22	17.24	17.24
	1	51	17.19	17.23	17.27
	25	0	16.12	16.27	16.17
	25	14	17.21	17.21	17.26
	25	27	16.17	16.32	16.19
	50	0	16.23	16.34	16.28
	52	0	16.13	16.26	16.24
16QAM	1	0	15.24	15.31	15.19
64QAM	1	0	14.70	14.84	14.72
256QAM	1	0	12.60	12.78	12.70

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.72	17.23	18.71	19.22	33.01
QPSK	16.12	17.38	18.11	19.37	33.01
16QAM	15.19	15.31	17.18	17.3	33.01
64QAM	14.7	14.84	16.69	16.83	33.01
256QAM	12.6	12.78	14.59	14.77	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501500	CH 507000	CH 512500
			2507.5 MHz	2535 MHz	2562.5 MHz
BPSK	1	1	17.18	17.31	17.29
	1	0	16.76	16.83	16.76
QPSK	1	1	17.29	17.39	17.35
	1	0	16.15	16.27	16.23
	1	40	17.18	17.34	17.28
	1	77	17.21	17.35	17.26
	1	78	17.26	17.29	17.25
	36	0	16.25	16.35	16.28
	36	22	17.18	17.34	17.30
	36	43	16.22	16.26	16.26
	75	0	16.27	16.36	16.30
	79	0	16.21	16.27	16.18
16QAM	1	0	15.27	15.27	15.27
64QAM	1	0	14.66	14.89	14.69
256QAM	1	0	12.75	12.90	12.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.76	17.31	18.75	19.3	33.01
QPSK	16.15	17.39	18.14	19.38	33.01
16QAM	15.27	15.27	17.26	17.26	33.01
64QAM	14.66	14.89	16.65	16.88	33.01
256QAM	12.75	12.9	14.74	14.89	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502000	CH 507000	CH 512000
			2510 MHz	2535 MHz	2560 MHz
BPSK	1	1	17.23	17.35	17.31
	1	0	16.69	16.84	16.77
QPSK	1	1	17.32	17.43	17.37
	1	0	16.26	16.33	16.25
	1	53	17.27	17.34	17.24
	1	104	17.25	17.32	17.31
	1	105	17.21	17.35	17.26
	50	0	16.16	16.30	16.28
	50	28	17.16	17.42	17.30
	50	56	16.22	16.38	16.27
	100	0	16.27	16.39	16.34
	106	0	16.15	16.33	16.21
16QAM	1	0	15.19	15.36	15.21
64QAM	1	0	14.71	14.86	14.73
256QAM	1	0	12.65	12.89	12.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.69	17.35	18.68	19.34	33.01
QPSK	16.15	17.43	18.14	19.42	33.01
16QAM	15.19	15.36	17.18	17.35	33.01
64QAM	14.71	14.86	16.7	16.85	33.01
256QAM	12.65	12.89	14.64	14.88	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502500	CH 507000	CH 511500
			2512.5 MHz	2535 MHz	2557.5 MHz
BPSK	1	1	17.24	17.36	17.32
	1	0	16.70	16.85	16.78
QPSK	1	1	17.33	17.44	17.38
	1	0	16.27	16.34	16.26
	1	67	17.28	17.35	17.25
	1	131	17.26	17.33	17.32
	1	132	17.22	17.36	17.27
	64	0	16.17	16.31	16.29
	64	35	17.17	17.43	17.31
	64	69	16.23	16.39	16.28
	128	0	16.28	16.40	16.35
	133	0	16.16	16.34	16.22
16QAM	1	0	15.20	15.37	15.22
64QAM	1	0	14.72	14.87	14.74
256QAM	1	0	12.66	12.90	12.73

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.7	17.36	18.69	19.35	33.01
QPSK	16.16	17.44	18.15	19.43	33.01
16QAM	15.2	15.37	17.19	17.36	33.01
64QAM	14.72	14.87	16.71	16.86	33.01
256QAM	12.66	12.9	14.65	14.89	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 503000	CH 507000	CH 511000
			2515 MHz	2535 MHz	2555 MHz
BPSK	1	1	17.25	17.37	17.33
	1	0	16.71	16.86	16.79
QPSK	1	1	17.34	17.45	17.39
	1	0	16.28	16.35	16.27
	1	80	17.29	17.36	17.26
	1	158	17.27	17.34	17.33
	1	159	17.23	17.37	17.28
	80	0	16.18	16.32	16.30
	80	40	17.18	17.44	17.32
	80	80	16.24	16.40	16.29
	160	0	16.17	16.35	16.23
16QAM	1	0	15.21	15.38	15.23
64QAM	1	0	14.73	14.88	14.75
256QAM	1	0	12.67	12.91	12.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.71	17.37	18.7	19.36	33.01
QPSK	16.17	17.45	18.16	19.44	33.01
16QAM	15.21	15.38	17.2	17.37	33.01
64QAM	14.73	14.88	16.72	16.87	33.01
256QAM	12.67	12.91	14.66	14.9	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 504000	CH 507000	CH 510000
			2520 MHz	2535 MHz	2550 MHz
BPSK	1	1	17.27	17.39	17.35
	1	0	16.73	16.88	16.81
QPSK	1	1	17.36	17.47	17.41
	1	0	16.30	16.37	16.29
	1	108	17.31	17.38	17.28
	1	214	17.29	17.36	17.35
	1	215	17.25	17.39	17.30
	108	0	16.20	16.34	16.32
	108	54	17.20	17.46	17.34
	108	108	16.26	16.42	16.31
	216	0	16.19	16.37	16.25
16QAM	1	0	15.23	15.40	15.25
64QAM	1	0	14.75	14.90	14.77
256QAM	1	0	12.69	12.93	12.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	16.73	17.39	18.72	19.38	33.01
QPSK	16.19	17.47	18.18	19.46	33.01
16QAM	15.23	15.4	17.22	17.39	33.01
64QAM	14.75	14.9	16.74	16.89	33.01
256QAM	12.69	12.93	14.68	14.92	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.4 NR n12 SCS 15 kHz

NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 140300	CH 141500	CH 142700
			701.5 MHz	707.5 MHz	713.5 MHz
BPSK	1	1	20.85	20.79	20.75
	1	0	20.36	20.34	20.30
QPSK	1	1	20.87	20.85	20.82
	1	0	19.83	19.81	19.67
	1	13	20.78	20.82	20.72
	1	23	20.78	20.83	20.76
	12	0	20.85	20.81	20.78
	12	7	19.80	19.75	19.77
	12	13	20.82	20.84	20.73
	25	0	19.79	19.76	19.73
16QAM	1	0	18.77	18.73	18.81
64QAM	1	0	18.25	18.34	18.17
256QAM	1	0	16.35	16.33	16.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.30	20.85	20.54	21.09	34.77
QPSK	19.67	20.87	19.91	21.11	34.77
16QAM	18.73	18.81	18.97	19.05	34.77
64QAM	18.17	18.34	18.41	18.58	34.77
256QAM	16.20	16.35	16.44	16.59	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 140800	CH 141500	CH 142200
			704 MHz	707.5 MHz	711 MHz
BPSK	1	1	20.81	20.82	20.75
	1	0	20.37	20.38	20.28
QPSK	1	1	20.92	20.90	20.84
	1	0	19.84	19.87	19.76
	1	26	20.81	20.84	20.70
	1	50	20.86	20.83	20.69
	1	51	20.85	20.80	20.70
	25	0	19.90	19.78	19.70
	25	14	20.84	20.83	20.73
	25	27	19.87	19.86	19.66
	50	0	19.89	19.89	19.78
	52	0	19.86	19.82	19.70
16QAM	1	0	18.85	18.85	18.64
64QAM	1	0	18.42	18.32	18.14
256QAM	1	0	16.43	16.26	16.29

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.28	20.82	20.52	21.06	34.77
QPSK	19.66	20.92	19.90	21.16	34.77
16QAM	18.64	18.85	18.88	19.09	34.77
64QAM	18.14	18.42	18.38	18.66	34.77
256QAM	16.26	16.43	16.50	16.67	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 141300	CH 141500	CH 141700
			706.5 MHz	707.5 MHz	708.5 MHz
BPSK	1	1	20.83	20.82	20.76
	1	0	20.41	20.34	20.22
QPSK	1	1	20.96	20.89	20.82
	1	0	19.86	19.87	19.72
	1	40	20.86	20.87	20.76
	1	77	20.83	20.83	20.73
	1	78	20.87	20.88	20.72
	36	0	19.90	19.81	19.66
	36	22	20.89	20.80	20.68
	36	43	19.89	19.86	19.68
	75	0	19.92	19.89	19.79
	79	0	19.83	19.81	19.65
16QAM	1	0	18.77	18.84	18.73
64QAM	1	0	18.38	18.37	18.27
256QAM	1	0	16.27	16.38	16.17

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.22	20.83	20.46	21.07	34.77
QPSK	19.65	20.96	19.89	21.20	34.77
16QAM	18.73	18.84	18.97	19.08	34.77
64QAM	18.27	18.38	18.51	18.62	34.77
256QAM	16.17	16.38	16.41	16.62	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.5 NR n13 SCS 15 kHz

NR n13 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 155900	CH 156400	CH 156900
			779.5 MHz	782 MHz	784.5 MHz
BPSK	1	1	20.20	20.36	20.26
	1	0	19.69	19.88	19.77
QPSK	1	1	20.31	20.44	20.37
	1	0	19.17	19.39	19.31
	1	13	20.21	20.37	20.27
	1	23	20.16	20.40	20.32
	1	24	20.19	20.40	20.26
	12	0	19.22	19.39	19.23
	12	7	20.22	20.33	20.31
	12	13	19.24	19.34	19.33
	25	0	19.12	19.30	19.35
16QAM	1	0	18.23	18.31	18.34
64QAM	1	0	17.75	17.80	17.85
256QAM	1	0	15.73	15.88	15.81

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	19.69	20.36	20.01	20.68	34.77
QPSK	19.12	20.44	19.44	20.76	34.77
16QAM	18.23	18.34	18.55	18.66	34.77
64QAM	17.75	17.85	18.07	18.17	34.77
256QAM	15.73	15.88	16.05	16.20	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n13 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 156400
			782 MHz
BPSK	1	1	20.46
	1	0	19.98
QPSK	1	1	20.49
	1	0	19.43
	1	26	20.47
	1	50	20.46
	1	51	20.44
	25	0	19.42
	25	14	20.43
	25	27	19.41
	50	0	19.39
	52	0	19.38
16QAM	1	0	18.43
64QAM	1	0	17.93
256QAM	1	0	15.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	19.98	20.46	20.3	20.78	34.77
QPSK	19.38	20.49	19.7	20.81	34.77
16QAM	18.43	18.43	18.75	18.75	34.77
64QAM	17.93	17.93	18.25	18.25	34.77
256QAM	15.92	15.92	16.24	16.24	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.6 NR n14 SCS 15 kHz

NR n14 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 158100	CH 158600	CH 159100
			790.5 MHz	793 MHz	795.5 MHz
BPSK	1	1	21.13	21.29	21.19
	1	0	20.62	20.81	20.70
QPSK	1	1	21.24	21.37	21.30
	1	0	20.10	20.32	20.24
	1	13	21.14	21.30	21.20
	1	23	21.09	21.33	21.25
	1	24	21.12	21.33	21.19
	12	0	20.15	20.32	20.16
	12	7	21.15	21.26	21.24
	12	13	20.17	20.27	20.26
	25	0	20.05	20.23	20.28
16QAM	1	0	19.16	19.24	19.27
64QAM	1	0	18.68	18.73	18.78
256QAM	1	0	16.66	16.81	16.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.62	21.29	20.10	20.77	34.77
QPSK	20.05	21.37	19.53	20.85	34.77
16QAM	19.16	19.27	18.64	18.75	34.77
64QAM	18.68	18.78	18.16	18.26	34.77
256QAM	16.66	16.81	16.14	16.29	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n14 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 158600
			793 MHz
BPSK	1	1	21.38
	1	0	20.90
QPSK	1	1	21.42
	1	0	20.41
	1	26	20.38
	1	50	21.39
	1	51	21.38
	25	0	20.36
	25	14	21.36
	25	27	20.34
	50	0	20.36
	52	0	20.36
16QAM	1	0	19.39
64QAM	1	0	18.88
256QAM	1	0	16.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.9	21.38	20.38	20.86	34.77
QPSK	20.34	21.42	19.82	20.9	34.77
16QAM	19.39	19.39	18.87	18.87	34.77
64QAM	18.88	18.88	18.36	18.36	34.77
256QAM	16.91	16.91	16.39	16.39	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.1.7 NR n25 SCS 15 kHz

NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 370500	CH 376500	CH 382500
			1852.5 MHz	1882.5 MHz	1912.5 MHz
BPSK	1	1	18.47	18.44	18.34
	1	0	18.01	17.92	17.82
QPSK	1	1	18.56	18.48	18.37
	1	0	17.44	17.33	17.24
	1	13	18.54	18.39	18.28
	1	23	18.50	18.39	18.26
	1	24	18.48	18.37	18.33
	12	0	17.52	17.41	17.30
	12	7	18.52	18.37	18.33
	12	13	17.43	17.43	17.23
	25	0	17.57	17.34	17.21
16QAM	1	0	16.48	16.46	16.21
64QAM	1	0	16.04	15.82	15.76
256QAM	1	0	13.93	13.85	13.78

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.82	18.47	19.63	20.28	33.01
QPSK	17.21	18.56	19.02	20.37	33.01
16QAM	16.21	16.48	18.02	18.29	33.01
64QAM	15.76	16.04	17.57	17.85	33.01
256QAM	13.78	13.93	15.59	15.74	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371000	CH 376500	CH 382000
			1855 MHz	1882.5 MHz	1910 MHz
BPSK	1	1	18.48	18.38	18.39
	1	0	18.07	17.87	17.91
QPSK	1	1	18.60	18.50	18.40
	1	0	17.49	17.39	17.35
	1	26	18.52	18.44	18.38
	1	50	18.50	18.38	18.39
	1	51	18.49	18.37	18.36
	25	0	17.46	17.33	17.34
	25	14	18.56	18.35	18.34
	25	27	17.54	17.33	17.37
	50	0	17.58	17.43	17.40
	52	0	17.51	17.37	17.31
16QAM	1	0	16.47	16.36	16.33
64QAM	1	0	16.02	15.86	15.80
256QAM	1	0	14.01	13.81	13.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.87	18.48	19.68	20.29	33.01
QPSK	17.31	18.6	19.12	20.41	33.01
16QAM	16.33	16.47	18.14	18.28	33.01
64QAM	15.8	16.02	17.61	17.83	33.01
256QAM	13.8	14.01	15.61	15.82	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371500	CH 376500	CH 381500
			1857.5 MHz	1882.5 MHz	1907.5 MHz
BPSK	1	1	18.55	18.41	18.36
	1	0	18.05	17.97	17.87
QPSK	1	1	18.62	18.50	18.45
	1	0	17.51	17.41	17.28
	1	40	18.51	18.44	18.38
	1	77	18.58	18.42	18.33
	1	78	18.54	18.44	18.32
	36	0	17.55	17.40	17.37
	36	22	18.47	18.46	18.30
	36	43	17.50	17.43	17.37
	75	0	17.56	17.49	17.38
	79	0	17.47	17.33	17.33
16QAM	1	0	16.50	16.45	16.41
64QAM	1	0	15.97	15.96	15.77
256QAM	1	0	13.96	13.98	13.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.87	18.55	19.68	20.36	33.01
QPSK	17.28	18.62	19.09	20.43	33.01
16QAM	16.41	16.5	18.22	18.31	33.01
64QAM	15.77	15.97	17.58	17.78	33.01
256QAM	13.91	13.98	15.72	15.79	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372000	CH 376500	CH 381000
			1860 MHz	1882.5 MHz	1905 MHz
BPSK	1	1	18.58	18.43	18.36
	1	0	18.00	17.99	17.82
QPSK	1	1	18.63	18.51	18.45
	1	0	17.51	17.46	17.28
	1	53	18.58	18.41	18.33
	1	104	18.56	18.39	18.35
	1	105	18.58	18.46	18.31
	50	0	17.47	17.42	17.36
	50	28	18.59	18.39	18.29
	50	56	17.54	17.36	17.32
	100	0	17.59	17.48	17.41
	106	0	17.55	17.37	17.29
16QAM	1	0	16.54	16.39	16.31
64QAM	1	0	16.03	15.97	15.85
256QAM	1	0	14.03	13.92	13.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.82	18.58	19.63	20.39	33.01
QPSK	17.28	18.63	19.09	20.44	33.01
16QAM	16.31	16.54	18.12	18.35	33.01
64QAM	15.85	16.03	17.66	17.84	33.01
256QAM	13.83	14.03	15.64	15.84	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372500	CH 376500	CH 380500
			1862.5 MHz	1882.5 MHz	1902.5 MHz
BPSK	1	1	18.59	18.44	18.37
	1	0	18.01	18.00	17.83
QPSK	1	1	18.64	18.52	18.46
	1	0	17.52	17.47	17.29
	1	67	18.59	18.42	18.34
	1	131	18.57	18.40	18.36
	1	132	18.59	18.47	18.32
	64	0	17.48	17.43	17.37
	64	35	18.60	18.40	18.30
	64	69	17.55	17.37	17.33
	128	0	17.60	17.49	17.42
	133	0	17.56	17.38	17.30
16QAM	1	0	16.55	16.40	16.32
64QAM	1	0	16.04	15.98	15.86
256QAM	1	0	14.04	13.93	13.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.83	18.59	19.64	20.4	33.01
QPSK	17.29	18.64	19.1	20.45	33.01
16QAM	16.32	16.55	18.13	18.36	33.01
64QAM	15.86	16.04	17.67	17.85	33.01
256QAM	13.84	14.04	15.65	15.85	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 373000	CH 376500	CH 380000
			1865 MHz	1882.5 MHz	1900 MHz
BPSK	1	1	18.60	18.45	18.38
	1	0	18.02	18.01	17.84
QPSK	1	1	18.65	18.53	18.47
	1	0	17.53	17.48	17.30
	1	80	18.60	18.43	18.35
	1	158	18.58	18.41	18.37
	1	159	18.60	18.48	18.33
	80	0	17.49	17.44	17.38
	80	40	18.61	18.41	18.31
	80	80	17.56	17.38	17.34
	160	0	17.61	17.50	17.43
	160	0	17.57	17.39	17.31
16QAM	1	0	16.56	16.41	16.33
64QAM	1	0	16.05	15.99	15.87
256QAM	1	0	14.05	13.94	13.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.84	18.6	19.65	20.41	33.01
QPSK	17.3	18.65	19.11	20.46	33.01
16QAM	16.33	16.56	18.14	18.37	33.01
64QAM	15.87	16.05	17.68	17.86	33.01
256QAM	13.85	14.05	15.66	15.86	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 373500	CH 376500	CH 379500
			1867.5 MHz	1882.5 MHz	1897.5 MHz
BPSK	1	1	18.62	18.48	18.43
	1	0	18.12	18.04	17.94
QPSK	1	1	18.69	18.57	18.52
	1	0	17.58	17.48	17.35
	1	94	18.58	18.51	18.45
	1	186	18.65	18.49	18.40
	1	187	18.61	18.51	18.39
	80	0	17.62	17.47	17.44
	94	47	18.54	18.53	18.37
	94	94	17.57	17.50	17.44
	180	0	17.63	17.56	17.45
	188	0	17.54	17.40	17.40
16QAM	1	0	16.57	16.52	16.48
64QAM	1	0	16.04	16.03	15.84
256QAM	1	0	14.03	14.05	13.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.94	18.62	19.75	20.43	33.01
QPSK	17.35	18.69	19.16	20.5	33.01
16QAM	16.48	16.57	18.29	18.38	33.01
64QAM	15.84	16.04	17.65	17.85	33.01
256QAM	13.98	14.05	15.79	15.86	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 374000	CH 376500	CH 379000
			1870 MHz	1882.5 MHz	1895 MHz
BPSK	1	1	18.73	18.58	18.51
	1	0	18.15	18.14	17.97
QPSK	1	1	18.78	18.66	18.60
	1	0	17.66	17.61	17.43
	1	108	18.73	18.56	18.48
	1	214	18.71	18.54	18.50
	1	215	18.73	18.61	18.46
	108	0	17.62	17.57	17.51
	108	54	18.74	18.54	18.44
	108	108	17.69	17.51	17.47
	216	0	17.67	17.52	17.51
16QAM	1	0	16.69	16.54	16.46
64QAM	1	0	16.18	16.12	16.00
256QAM	1	0	14.18	14.07	13.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.97	18.73	19.78	20.54	33.01
QPSK	17.43	18.78	19.24	20.59	33.01
16QAM	16.46	16.69	18.27	18.5	33.01
64QAM	16	16.18	17.81	17.99	33.01
256QAM	13.98	14.18	15.79	15.99	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.8 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 163300	CH 163800	CH 164300
			816.5 MHz	819 MHz	821.5 MHz
BPSK	1	1	20.80	20.77	20.60
	1	0	20.21	20.07	20.19
QPSK	1	1	20.84	20.72	20.80
	1	0	19.63	19.59	19.50
	1	13	20.61	20.59	20.59
	1	23	20.72	20.68	20.57
	1	24	20.64	20.62	20.58
	12	0	19.68	19.63	19.57
	12	7	20.65	20.53	20.60
	12	13	19.76	19.58	19.74
	25	0	19.78	19.72	19.69
16QAM	1	0	18.80	18.65	18.77
64QAM	1	0	18.06	18.03	17.87
256QAM	1	0	15.98	15.79	15.81

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.07	20.8	18.66	19.39	50
QPSK	19.5	20.84	18.09	19.43	50
16QAM	18.65	18.8	17.24	17.39	50
64QAM	17.87	18.06	16.46	16.65	50
256QAM	15.79	15.98	14.38	14.57	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 163800
			819 MHz
BPSK	1	1	20.89
	1	0	20.26
QPSK	1	1	20.84
	1	0	19.66
	1	26	20.70
	1	50	20.82
	1	51	20.68
	25	0	19.76
	25	14	20.67
	25	27	19.82
	50	0	19.85
	52	0	19.76
16QAM	1	0	18.84
64QAM	1	0	18.14
256QAM	1	0	16.07

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.26	20.89	18.85	19.48	50
QPSK	19.66	20.84	18.25	19.43	50
16QAM	18.84	18.84	17.43	17.43	50
64QAM	18.14	18.14	16.73	16.73	50
256QAM	16.07	16.07	14.66	14.66	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.9 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165300	CH 167300	CH 169300
			826.5 MHz	836.5 MHz	846.5 MHz
BPSK	1	1	20.67	20.82	20.80
	1	0	20.10	20.24	20.33
QPSK	1	1	20.70	20.80	20.88
	1	0	19.51	19.79	19.71
	1	13	20.64	20.72	20.69
	1	23	20.56	20.76	20.72
	1	24	20.64	20.74	20.64
	12	0	19.50	19.65	19.63
	12	7	20.60	20.76	20.76
	12	13	19.70	19.67	19.66
	25	0	19.73	19.69	19.69
16QAM	1	0	18.66	18.74	18.77
64QAM	1	0	18.21	18.17	18.21
256QAM	1	0	16.17	16.25	16.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.10	20.82	18.69	19.41	38.45
QPSK	19.50	20.88	18.09	19.47	38.45
16QAM	18.66	18.77	17.25	17.36	38.45
64QAM	18.17	18.21	16.76	16.80	38.45
256QAM	16.13	16.25	14.72	14.84	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165800	CH 167300	CH 168800
			829 MHz	836.5 MHz	844 MHz
BPSK	1	1	20.73	20.86	20.84
	1	0	20.14	20.27	20.34
QPSK	1	1	20.75	20.86	20.95
	1	0	19.60	19.89	19.73
	1	26	20.67	20.73	20.73
	1	50	20.59	20.79	20.79
	1	51	20.64	20.82	20.73
	25	0	19.58	19.67	19.65
	25	14	20.70	20.81	20.82
	25	27	19.72	19.74	19.67
	50	0	19.73	19.82	19.83
	52	0	19.69	19.65	19.76
16QAM	1	0	18.68	18.76	18.79
64QAM	1	0	18.25	18.21	18.23
256QAM	1	0	16.27	16.30	16.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.14	20.86	18.73	19.45	38.45
QPSK	19.58	20.95	18.17	19.54	38.45
16QAM	18.68	18.79	17.27	17.38	38.45
64QAM	18.21	18.25	16.80	16.84	38.45
256QAM	16.14	16.30	14.73	14.89	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166300	CH 167300	CH 168300
			831.5 MHz	836.5 MHz	841.5 MHz
BPSK	1	1	20.81	20.83	20.94
	1	0	20.92	20.23	20.18
QPSK	1	1	20.81	20.82	20.90
	1	0	20.97	19.76	19.69
	1	40	19.92	19.82	20.75
	1	77	20.73	20.79	20.77
	1	78	20.77	20.68	20.80
	36	0	20.85	20.70	20.70
	36	22	20.86	20.76	19.73
	36	43	19.68	19.75	19.75
	75	0	20.76	20.70	20.83
	79	0	20.89	19.68	19.82
16QAM	1	0	18.80	18.69	18.76
64QAM	1	0	18.27	18.29	18.24
256QAM	1	0	16.24	16.29	16.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.18	20.94	18.77	19.53	38.45
QPSK	19.63	20.97	18.22	19.56	38.45
16QAM	18.69	18.86	17.28	17.45	38.45
64QAM	18.24	18.29	16.83	16.88	38.45
256QAM	16.23	16.40	14.82	14.99	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 167300
			836.5 MHz
BPSK	1	1	20.96
	1	0	20.93
QPSK	1	1	20.98
	1	0	19.92
	1	53	20.89
	1	104	20.86
	1	105	20.88
	50	0	19.82
	50	28	20.90
	50	56	19.89
	100	0	19.92
	106	0	19.83
16QAM	1	0	18.85
64QAM	1	0	18.34
256QAM	1	0	16.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	20.93	20.96	19.52	19.55	38.45
QPSK	19.82	20.98	18.41	19.57	38.45
16QAM	18.85	18.85	17.44	17.44	38.45
64QAM	18.34	18.34	16.93	16.93	38.45
256QAM	16.45	16.45	15.04	15.04	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.10 NR n38 SCS 30 kHz (SISO)

NR n38 SCS 30 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			515000	519000	523000
			2575	2595	2615
BPSK	1	1	21.71	21.71	21.63
	1	0	20.97	20.84	20.80
QPSK	1	1	21.85	21.79	21.70
	1	0	20.82	20.82	20.67
	1	11	21.72	21.62	21.57
	1	22	21.70	21.72	21.77
	1	23	20.74	20.72	20.52
	12	0	20.90	20.82	20.72
	12	6	21.78	21.73	21.60
	12	12	20.74	20.77	20.72
	24	0	20.79	20.74	20.77
16QAM	1	0	19.82	19.70	19.78
64QAM	1	0	19.23	19.25	19.27
256QAM	1	0	17.26	17.16	16.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	20.8	21.71	19.58	20.49	33.01
QPSK	20.52	21.85	19.3	20.63	33.01
16QAM	19.7	19.82	18.48	18.6	33.01
64QAM	19.23	19.27	18.01	18.05	33.01
256QAM	16.93	17.26	15.71	16.04	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			515500	519000	522500
			2577.5	2595	2612.5
BPSK	1	1	21.81	21.77	21.71
	1	0	20.97	20.90	20.82
QPSK	1	1	21.87	21.85	21.80
	1	0	20.89	20.84	20.74
	1	19	21.76	21.70	21.65
	1	36	21.78	21.82	21.78
	1	37	20.76	20.76	20.62
	18	0	20.93	20.89	20.80
	18	10	21.84	21.78	21.67
	18	20	20.78	20.79	20.75
	36	0	20.84	20.73	20.66
	38	0	20.41	20.27	20.25
16QAM	1	0	19.82	19.78	19.85
64QAM	1	0	19.33	19.32	19.27
256QAM	1	0	17.27	17.20	17.02

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	20.82	21.81	19.6	20.59	33.01
QPSK	20.25	21.87	19.03	20.65	33.01
16QAM	19.78	19.85	18.56	18.63	33.01
64QAM	19.27	19.33	18.05	18.11	33.01
256QAM	17.02	17.27	15.8	16.05	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			516000	519000	522000
			2580	2595	2610
BPSK	1	1	21.84	21.83	21.80
	1	0	20.92	20.90	20.81
QPSK	1	1	21.89	21.87	21.82
	1	0	20.89	20.86	20.78
	1	26	21.73	21.74	21.58
	1	49	21.86	21.77	21.73
	1	50	20.79	20.68	20.72
	25	0	20.91	20.93	20.80
	25	13	21.80	21.76	21.75
	25	26	20.85	20.77	20.69
	50	0	20.80	20.69	20.71
	51	0	20.34	20.34	20.23
16QAM	1	0	19.87	19.76	19.86
64QAM	1	0	19.41	19.31	19.20
256QAM	1	0	17.19	17.11	17.03

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	20.81	21.84	19.59	20.62	33.01
QPSK	20.23	21.89	19.01	20.67	33.01
16QAM	19.76	19.87	18.54	18.65	33.01
64QAM	19.2	19.41	17.98	18.19	33.01
256QAM	17.03	17.19	15.81	15.97	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 517000	CH 519000	CH 521000
			2585 MHz	2595 MHz	2605 MHz
BPSK	1	1	21.82	21.81	21.75
	1	0	20.87	20.82	20.86
QPSK	1	1	21.93	21.90	21.77
	1	0	20.82	20.81	20.73
	1	39	21.73	21.70	21.67
	1	76	21.82	21.79	21.75
	1	77	20.84	20.68	20.66
	36	0	20.84	20.92	20.85
	36	21	21.85	21.74	21.75
	36	42	20.75	20.78	20.65
	75	0	20.85	20.73	20.75
	78	0	20.40	20.26	20.27
16QAM	1	0	19.85	19.82	19.78
64QAM	1	0	19.39	19.26	19.27
256QAM	1	0	17.21	17.20	17.08

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	20.82	21.82	19.6	20.6	33.01
QPSK	20.26	21.93	19.04	20.71	33.01
16QAM	19.78	19.85	18.56	18.63	33.01
64QAM	19.26	19.39	18.04	18.17	33.01
256QAM	17.08	17.21	15.86	15.99	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 518000	CH 519000	CH 520000
			2590 MHz	2595 MHz	2600 MHz
BPSK	1	1	21.92	21.86	21.81
	1	0	20.97	20.91	20.87
QPSK	1	1	21.95	21.90	21.87
	1	0	20.92	20.86	20.82
	1	53	21.80	21.75	21.67
	1	104	21.88	21.86	21.82
	1	105	20.86	20.76	20.72
	50	0	20.94	20.93	20.87
	50	28	21.87	21.78	21.77
	50	56	20.85	20.84	20.75
	100	0	20.87	20.77	20.75
	106	0	20.41	20.34	20.28
16QAM	1	0	19.92	19.86	19.86
64QAM	1	0	19.41	19.32	19.29
256QAM	1	0	17.27	17.20	17.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	20.87	21.92	19.65	20.7	33.01
QPSK	20.28	21.95	19.06	20.73	33.01
16QAM	19.86	19.92	18.64	18.7	33.01
64QAM	19.29	19.41	18.07	18.19	33.01
256QAM	17.1	17.27	15.88	16.05	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.11 NR n38 SCS 30 kHz (MIMO)

NR n38 SCS 30 kHz, MIMO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 515000			CH 519000			CH 523000		
			2575 MHz			2595 MHz			2615 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.07	17.85	20.49	17.8	17.53	20.68	17.77	17.79	20.79
	1	0	18.03	16.69	20.42	16.67	16.46	19.58	16.66	16.67	19.68
	1	11	18.1	17.76	20.94	17.71	17.43	20.58	17.71	17.66	20.70
	1	22	18.04	17.8	20.93	17.67	17.48	20.59	17.63	17.72	20.69
	1	23	17.04	17.72	20.40	17.66	17.46	20.57	17.67	17.7	20.70
	12	0	18.03	16.72	20.43	16.68	16.4	19.55	16.68	16.7	19.70
	12	6	17.05	17.75	20.42	17.7	17.49	20.61	17.6	17.67	20.65
	12	12	16.71	16.73	19.73	16.7	16.5	19.61	16.7	16.69	19.71
	24	0	17.1	16.66	19.90	16.65	16.473	19.57	16.67	16.59	19.64
16QAM	1	1	16.05	15.8	18.94	15.7	15.5	18.61	15.71	15.65	18.69
64QAM	1	1	15.6	15.32	18.47	15.26	15.05	18.17	15.11	15.12	18.13
256QAM	1	1	13.54	13.23	16.40	13.22	12.97	16.11	13.23	13.09	16.17

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.55	20.94	20.24	21.63	33.01
16QAM	18.61	18.94	19.30	19.63	33.01
64QAM	18.13	18.47	18.82	19.16	33.01
256QAM	16.11	16.40	16.80	17.09	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 515500			CH 519000			CH 522500		
			2577.5 MHz			2595 MHz			2612.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	18.16	17.86	21.02	17.81	17.58	20.71	17.77	17.8	20.80
	1	0	17.07	16.77	19.93	16.65	16.56	19.62	16.75	16.7	19.74
	1	19	18.08	17.74	20.92	17.74	17.55	20.66	17.71	17.73	20.73
	1	36	18.1	17.78	20.95	17.68	17.49	20.60	17.7	17.75	20.74
	1	37	18.05	17.73	20.90	17.68	17.55	20.63	17.75	17.68	20.73
	18	0	17	16.79	19.91	16.73	16.52	19.64	16.65	16.71	19.69
	18	10	18.05	17.77	20.92	17.71	17.52	20.63	17.72	17.74	20.74
	18	20	17.1	16.72	19.92	16.66	16.51	19.60	16.67	16.71	19.70
	36	0	17.12	16.8	19.97	16.78	16.55	19.68	16.75	16.78	19.78
	38	0	17.01	16.75	19.89	16.66	16.44	19.56	16.63	16.7	19.68
16QAM	1	1	16	15.81	18.92	15.65	15.45	18.56	15.73	15.71	18.73
64QAM	1	1	15.53	15.21	18.38	15.25	15	18.14	15.19	15.27	18.24
256QAM	1	1	13.55	13.3	16.44	13.21	12.95	16.09	13.13	13.17	16.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.56	21.02	20.25	21.71	33.01
16QAM	18.56	18.92	19.25	19.61	33.01
64QAM	18.14	18.38	18.83	19.07	33.01
256QAM	16.09	16.44	16.78	17.13	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 516000			CH 519000			CH 522000		
			2580 MHz			2595 MHz			2610 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	18.21	17.92	21.08	17.88	17.67	20.79	17.87	17.88	20.89
	1	0	17.1	16.77	19.95	16.74	16.6	19.68	16.77	16.74	19.77
	1	26	18.09	17.76	20.94	17.73	17.56	20.66	17.76	17.7	20.74
	1	49	18.07	17.74	20.92	17.7	17.55	20.64	17.74	17.69	20.73
	1	50	18.06	17.71	20.90	17.66	17.52	20.60	17.72	17.67	20.71
	25	0	17.04	16.69	19.88	16.62	16.48	19.56	16.69	16.66	19.69
	25	13	18.02	17.65	20.85	17.61	17.47	20.55	17.67	17.65	20.67
	25	26	16.99	16.63	19.82	16.59	16.44	19.53	16.65	16.64	19.66
	50	0	17.01	16.66	19.85	16.62	16.45	19.55	16.67	16.67	19.68
	51	0	16.93	16.59	19.77	16.52	16.42	19.48	16.59	16.58	19.60
16QAM	1	1	15.91	15.58	18.76	15.48	15.4	18.45	15.55	15.56	18.57
64QAM	1	1	15.4	15.07	18.25	14.94	14.88	17.92	15.02	15.05	18.05
256QAM	1	1	13.36	13.03	16.21	12.92	12.86	15.90	13	13.03	16.03

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.48	21.08	20.17	21.77	33.01
16QAM	18.45	18.76	19.14	19.45	33.01
64QAM	17.92	18.25	18.61	18.94	33.01
256QAM	15.90	16.21	16.59	16.90	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.12 NR n41 SCS 30 kHz (SISO)

NR n41 SCS 30 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500202	CH 518598	CH 537000
			2501.01 MHz	2592.99 MHz	2685 MHz
BPSK	1	1	21.40	21.61	21.34
	1	0	17.91	18.35	18.13
QPSK	1	1	21.12	21.47	21.50
	1	0	17.92	18.01	18.06
	1	11	21.08	21.50	21.21
	1	22	20.93	21.14	21.05
	1	23	18.45	18.65	18.48
	12	0	20.35	20.58	20.45
	12	6	21.29	21.67	21.33
	12	12	20.49	20.81	20.62
	24	0	20.41	20.72	20.57
16QAM	1	0	17.93	18.02	17.90
64QAM	1	0	17.72	17.95	17.76
256QAM	1	0	16.65	16.91	16.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.91	21.61	17.83	21.53	33.01
QPSK	17.92	21.67	17.84	21.59	33.01
16QAM	17.90	18.02	17.82	17.94	33.01
64QAM	17.72	17.95	17.64	17.87	33.01
256QAM	16.65	16.91	16.57	16.83	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500700	CH 518598	CH 536496
			2503.5 MHz	2592.99 MHz	2682.48 MHz
BPSK	1	1	21.46	21.61	21.40
	1	0	17.91	18.35	18.14
QPSK	1	1	21.18	21.57	21.50
	1	0	17.92	18.02	18.12
	1	19	21.16	21.54	21.24
	1	36	20.97	21.22	21.09
	1	37	18.53	18.74	18.53
	18	0	20.41	20.67	20.53
	18	10	21.36	21.67	21.39
	18	20	20.54	20.84	20.62
	36	0	20.46	20.60	20.59
	38	0	18.55	18.72	18.50
16QAM	1	0	18.03	18.06	17.97
64QAM	1	0	17.74	18.01	17.85
256QAM	1	0	16.74	16.98	16.81

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.91	21.61	17.83	21.53	33.01
QPSK	17.92	21.67	17.84	21.59	33.01
16QAM	17.97	18.06	17.89	17.98	33.01
64QAM	17.74	18.01	17.66	17.93	33.01
256QAM	16.74	16.98	16.66	16.90	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501204	CH 518598	CH 535998
			2506.02 MHz	2592.99 MHz	2679.99 MHz
BPSK	1	1	21.52	21.68	21.47
	1	0	17.99	18.37	18.17
QPSK	1	1	21.26	21.61	21.52
	1	0	18.00	18.11	18.15
	1	26	21.25	21.56	21.30
	1	49	21.06	21.25	21.17
	1	50	18.58	18.84	18.56
	25	0	20.50	20.77	20.56
	25	13	21.44	21.71	21.42
	25	26	20.64	20.87	20.70
	50	0	20.49	20.69	20.63
	51	0	18.57	18.73	18.56
16QAM	1	0	18.11	18.15	17.99
64QAM	1	0	17.81	18.08	17.93
256QAM	1	0	16.75	16.98	16.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.99	21.68	17.91	21.60	33.01
QPSK	18.00	21.71	17.92	21.63	33.01
16QAM	17.99	18.15	17.91	18.07	33.01
64QAM	17.81	18.08	17.73	18.00	33.01
256QAM	16.75	16.98	16.67	16.90	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502200	CH 518598	CH 534996
			2511 MHz	2592.99 MHz	2674.98 MHz
BPSK	1	1	21.45	21.71	21.49
	1	0	17.95	18.33	18.18
QPSK	1	1	21.35	21.64	21.56
	1	0	18.03	18.05	18.08
	1	39	21.27	21.51	21.23
	1	76	21.14	21.29	21.16
	1	77	18.61	18.87	18.60
	36	0	20.47	20.84	20.49
	36	21	21.47	21.76	21.43
	36	42	20.63	20.90	20.72
	75	0	20.46	20.67	20.67
	78	0	18.56	18.79	18.57
16QAM	1	0	18.06	18.25	18.02
64QAM	1	0	17.86	18.16	18.02
256QAM	1	0	16.77	16.97	16.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.95	21.71	17.87	21.63	33.01
QPSK	18.03	21.76	17.95	21.68	33.01
16QAM	18.02	18.25	17.94	18.17	33.01
64QAM	17.86	18.16	17.78	18.08	33.01
256QAM	16.77	16.97	16.69	16.89	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 503202	CH 518598	CH 534000
			2516.01 MHz	2592.99 MHz	2670 MHz
BPSK	1	1	21.44	21.74	21.47
	1	0	17.89	18.36	18.18
QPSK	1	1	21.33	21.67	21.53
	1	0	17.96	18.06	18.11
	1	53	21.18	21.56	21.30
	1	104	21.09	21.21	21.18
	1	105	18.63	18.87	18.57
	50	0	20.48	20.79	20.58
	50	28	21.52	21.75	21.46
	50	56	20.66	20.85	20.71
	100	0	20.46	20.75	20.70
	106	0	18.61	18.78	18.58
16QAM	1	0	18.10	18.19	18.02
64QAM	1	0	17.86	18.14	17.98
256QAM	1	0	16.69	16.99	16.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.89	21.74	17.81	21.66	33.01
QPSK	17.96	21.75	17.88	21.67	33.01
16QAM	18.02	18.19	17.94	18.11	33.01
64QAM	17.86	18.14	17.78	18.06	33.01
256QAM	16.69	16.99	16.61	16.91	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 504204	CH 518598	CH 532998
			2521.02 MHz	2592.99 MHz	2664.99 MHz
BPSK	1	1	21.52	21.75	21.53
	1	0	17.99	18.37	18.19
QPSK	1	1	21.36	21.71	21.62
	1	0	18.03	18.15	18.15
	1	67	21.28	21.57	21.33
	1	131	21.14	21.31	21.20
	1	132	18.67	18.91	18.65
	64	0	20.53	20.87	20.59
	64	35	21.52	21.77	21.52
	64	69	20.69	20.93	20.74
	128	0	20.56	20.75	20.71
	133	0	18.62	18.82	18.60
16QAM	1	0	18.12	18.25	18.02
64QAM	1	0	17.90	18.17	18.02
256QAM	1	0	16.78	17.01	16.90

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.99	21.75	17.91	21.67	33.01
QPSK	18.03	21.77	17.95	21.69	33.01
16QAM	18.02	18.25	17.94	18.17	33.01
64QAM	17.90	18.17	17.82	18.09	33.01
256QAM	16.78	17.01	16.70	16.93	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 505200	CH 518598	CH 531996
			2526 MHz	2592.99 MHz	2659.98 MHz
BPSK	1	1	21.51	21.68	21.55
	1	0	17.98	18.34	18.21
QPSK	1	1	21.28	21.75	21.63
	1	0	17.99	18.16	18.14
	1	81	21.32	21.58	21.37
	1	160	21.12	21.37	21.16
	1	161	18.58	18.87	18.70
	81	0	20.55	20.89	20.58
	81	41	21.61	21.71	21.54
	81	81	20.73	20.90	20.76
	162	0	20.68	20.82	20.71
16QAM	1	0	18.03	18.28	18.01
64QAM	1	0	17.82	18.13	17.99
256QAM	1	0	16.72	16.96	16.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	17.98	21.68	17.90	21.60	33.01
QPSK	17.99	21.75	17.91	21.67	33.01
16QAM	18.01	18.28	17.93	18.20	33.01
64QAM	17.82	18.13	17.74	18.05	33.01
256QAM	16.72	16.96	16.64	16.88	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 507204	CH 518598	CH 529998
			2536.02 MHz	2592.99 MHz	2649.99 MHz
BPSK	1	1	21.54	21.76	21.56
	1	0	18.05	18.37	18.24
QPSK	1	1	21.37	21.78	21.64
	1	0	18.08	18.22	18.16
	1	109	21.34	21.66	21.40
	1	215	21.17	21.39	21.21
	1	216	18.68	18.91	18.75
	108	0	20.61	20.89	20.64
	108	55	21.61	21.78	21.62
	108	109	20.77	20.94	20.77
	216	0	20.66	20.79	20.77
	217	0	18.67	18.83	18.63
16QAM	1	0	18.12	18.28	18.08
64QAM	1	0	17.92	18.19	18.04
256QAM	1	0	16.80	17.04	16.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.05	21.76	17.97	21.68	33.01
QPSK	18.08	21.78	18.00	21.70	33.01
16QAM	18.08	18.28	18.00	18.20	33.01
64QAM	17.92	18.19	17.84	18.11	33.01
256QAM	16.80	17.04	16.72	16.96	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 508200	CH 518598	CH 528996
			2541 MHz	2592.99 MHz	2644.98 MHz
BPSK	1	1	21.59	21.81	21.65
	1	0	18.04	18.41	18.21
QPSK	1	1	21.39	21.81	21.67
	1	0	18.06	18.27	18.15
	1	123	21.41	21.59	21.50
	1	243	21.19	21.40	21.19
	1	244	18.70	18.89	18.75
	120	0	20.60	20.81	20.66
	120	63	21.60	21.73	21.69
	120	125	20.76	20.95	20.77
	243	0	20.67	20.83	20.77
	245	0	18.64	18.86	18.62
16QAM	1	0	18.11	18.33	18.15
64QAM	1	0	17.98	18.27	18.02
256QAM	1	0	16.76	17.03	16.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.04	21.81	17.96	21.73	33.01
QPSK	18.06	21.81	17.98	21.73	33.01
16QAM	18.11	18.33	18.03	18.25	33.01
64QAM	17.98	18.27	17.90	18.19	33.01
256QAM	16.76	17.03	16.68	16.95	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 509202	CH 518598	CH 528000
			2546.01 MHz	2592.99 MHz	2640 MHz
BPSK	1	1	21.59	21.82	21.66
	1	0	18.12	18.41	18.25
QPSK	1	1	21.47	21.85	21.68
	1	0	18.08	18.32	18.18
	1	137	21.43	21.69	21.50
	1	271	21.22	21.44	21.28
	1	272	18.72	18.98	18.75
	135	0	20.66	20.91	20.70
	135	69	21.61	21.81	21.69
	135	138	20.78	20.95	20.78
	270	0	20.70	20.89	20.78
	273	0	18.68	18.91	18.68
16QAM	1	0	18.16	18.38	18.18
64QAM	1	0	18.01	18.29	18.09
256QAM	1	0	16.84	17.11	16.94

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.12	21.82	18.04	21.74	33.01
QPSK	18.08	21.85	18.00	21.77	33.01
16QAM	18.16	18.38	18.08	18.30	33.01
64QAM	18.01	18.29	17.93	18.21	33.01
256QAM	16.84	17.11	16.76	17.03	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.13 NR n41 SCS 30 kHz (MIMO)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 500202			CH 518598			CH 537000		
			2501.01 MHz			2592.99 MHz			2685 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.84	18.07	20.97	18.45	18.44	21.46	18.23	17.91	21.08
	1	0	16.59	17.06	19.84	17.36	17.23	20.31	17.09	16.89	20.00
	1	11	17.77	17.96	20.88	18.29	18.32	21.32	18.12	17.72	20.93
	1	22	17.61	18.03	20.84	18.21	18.18	21.21	18.27	17.9	21.10
	1	23	17.65	18.04	20.86	18.28	18.23	21.27	18.12	17.8	20.97
	12	0	16.71	17.09	19.91	17.19	17.26	20.24	17.1	17.01	20.07
	12	6	17.61	17.87	20.75	18.32	18.43	21.39	18.2	17.85	21.04
	12	12	16.72	17.09	19.92	17.34	17.34	20.35	17.17	16.85	20.02
	24	0	16.67	17.07	19.88	17.45	17.23	20.35	17.17	16.82	20.01
16QAM	1	1	15.72	16.03	18.89	16.28	16.31	19.31	16.24	15.85	19.06
64QAM	1	1	15.18	15.43	18.32	15.76	15.76	18.77	15.67	15.37	18.53
256QAM	1	1	13.25	13.37	16.32	13.91	13.65	16.79	13.62	13.25	16.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.84	21.46	21.83	23.45	33.01
16QAM	18.89	19.31	20.88	21.30	33.01
64QAM	18.32	18.77	20.31	20.76	33.01
256QAM	16.32	16.79	18.31	18.78	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 500700			CH 518598			CH 536496		
			2503.5 MHz			2592.99 MHz			2682.48 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.77	18.11	20.95	18.34	18.44	21.40	18.22	17.96	21.10
	1	0	16.66	17.03	19.86	17.28	17.27	20.29	17.13	16.9	20.03
	1	19	17.77	18.07	20.93	18.23	18.33	21.29	18.19	17.79	21.00
	1	36	17.63	18.08	20.87	18.27	18.27	21.28	18.23	17.86	21.06
	1	37	17.61	17.98	20.81	18.18	18.2	21.20	18.08	17.86	20.98
	18	0	16.7	17.12	19.93	17.25	17.26	20.27	17.1	16.93	20.03
	18	10	17.7	17.93	20.83	18.31	18.3	21.32	18.24	17.79	21.03
	18	20	16.76	17.06	19.92	17.31	17.43	20.38	17.14	16.88	20.02
	36	0	16.61	17	19.82	17.35	17.19	20.28	17.25	16.93	20.10
	38	0	16.71	17.06	19.90	17.33	17.33	20.34	17.24	16.9	20.08
16QAM	1	1	15.7	15.96	18.84	16.3	16.27	19.30	16.25	15.74	19.01
64QAM	1	1	15.26	15.55	18.42	15.73	15.75	18.75	15.75	15.41	18.59
256QAM	1	1	13.3	13.36	16.34	13.88	13.75	16.83	13.63	13.37	16.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.82	21.40	21.81	23.39	33.01
16QAM	18.84	19.30	20.83	21.29	33.01
64QAM	18.42	18.75	20.41	20.74	33.01
256QAM	16.34	16.83	18.33	18.82	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 501204			CH 518598			CH 535998		
			2506.02 MHz			2592.99 MHz			2679.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.87	18.05	20.97	18.38	18.42	21.41	18.34	18.01	21.19
	1	0	16.71	17.06	19.90	17.37	17.35	20.37	17.1	16.89	20.01
	1	26	17.83	17.98	20.92	18.2	18.34	21.28	18.09	17.75	20.93
	1	49	17.69	18.05	20.88	18.19	18.3	21.26	18.28	17.8	21.06
	1	50	17.63	17.93	20.79	18.24	18.16	21.21	18.08	17.77	20.94
	25	0	16.8	17.04	19.93	17.24	17.38	20.32	17.06	17.02	20.05
	25	13	17.59	17.95	20.78	18.29	18.34	21.33	18.24	17.77	21.02
	25	26	16.78	17.05	19.93	17.34	17.33	20.35	17.21	16.8	20.02
	50	0	16.68	16.98	19.84	17.34	17.21	20.29	17.24	16.82	20.05
	51	0	16.72	17	19.87	17.36	17.21	20.30	17.23	17.01	20.13
16QAM	1	1	15.72	15.99	18.87	16.26	16.26	19.27	16.21	15.81	19.02
64QAM	1	1	15.23	15.47	18.36	15.8	15.75	18.79	15.75	15.36	18.57
256QAM	1	1	13.25	13.47	16.37	13.91	13.71	16.82	13.71	13.31	16.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.84	21.41	21.83	23.40	33.01
16QAM	18.87	19.27	20.86	21.26	33.01
64QAM	18.36	18.79	20.35	20.78	33.01
256QAM	16.37	16.82	18.36	18.81	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 502200			CH 518598			CH 534996		
			2511 MHz			2592.99 MHz			2674.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.83	18.09	20.97	18.46	18.38	21.43	18.28	17.91	21.11
	1	0	16.62	17.02	19.83	17.3	17.36	20.34	17.15	16.98	20.08
	1	39	17.75	18.07	20.92	18.28	18.26	21.28	18.12	17.81	20.98
	1	76	17.62	17.97	20.81	18.24	18.29	21.28	18.23	17.78	21.02
	1	77	17.65	17.96	20.82	18.2	18.16	21.19	18.05	17.76	20.92
	36	0	16.72	17.12	19.93	17.3	17.34	20.33	17.18	17.01	20.11
	36	21	17.65	17.88	20.78	18.22	18.4	21.32	18.25	17.78	21.03
	36	42	16.77	17.05	19.92	17.3	17.37	20.35	17.15	16.83	20.00
	75	0	16.64	17.06	19.87	17.4	17.29	20.36	17.24	16.88	20.07
	78	0	16.78	17.02	19.91	17.32	17.34	20.34	17.32	16.98	20.16
16QAM	1	1	15.71	15.92	18.83	16.28	16.28	19.29	16.29	15.74	19.03
64QAM	1	1	15.29	15.43	18.37	15.75	15.68	18.73	15.71	15.4	18.57
256QAM	1	1	13.3	13.47	16.40	13.87	13.76	16.83	13.71	13.32	16.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.83	21.43	21.82	23.42	33.01
16QAM	18.83	19.29	20.82	21.28	33.01
64QAM	18.37	18.73	20.36	20.72	33.01
256QAM	16.40	16.83	18.39	18.82	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 503202			CH 518598			CH 534000		
			2516.01 MHz			2592.99 MHz			2670 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.77	18.12	20.96	18.47	18.42	21.46	18.31	18	21.17
	1	0	16.67	16.93	19.81	17.34	17.24	20.30	17.09	16.94	20.03
	1	53	17.73	17.97	20.86	18.19	18.34	21.28	18.22	17.73	20.99
	1	104	17.7	17.98	20.85	18.27	18.19	21.24	18.25	17.79	21.04
	1	105	17.59	18.03	20.83	18.19	18.24	21.23	18.08	17.85	20.98
	50	0	16.81	17.13	19.98	17.3	17.25	20.29	17.13	16.99	20.07
	50	28	17.63	17.89	20.77	18.34	18.3	21.33	18.24	17.82	21.05
	50	56	16.74	17.05	19.91	17.41	17.32	20.38	17.17	16.8	20.00
	100	0	16.68	17.05	19.88	17.36	17.26	20.32	17.22	16.93	20.09
	106	0	16.73	17.13	19.94	17.34	17.24	20.30	17.31	16.98	20.16
16QAM	1	1	15.62	15.99	18.82	16.32	16.22	19.28	16.23	15.74	19.00
64QAM	1	1	15.26	15.51	18.40	15.74	15.78	18.77	15.66	15.36	18.52
256QAM	1	1	13.35	13.34	16.36	13.89	13.78	16.85	13.61	13.25	16.44

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.81	21.46	21.80	23.45	33.01
16QAM	18.82	19.28	20.81	21.27	33.01
64QAM	18.40	18.77	20.39	20.76	33.01
256QAM	16.36	16.85	18.35	18.84	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 504204			CH 518598			CH 532998		
			2521.02 MHz			2592.99 MHz			2664.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.84	18.09	20.98	18.46	18.45	21.47	18.33	17.96	21.16
	1	0	16.59	17.03	19.83	17.33	17.29	20.32	17.1	16.99	20.06
	1	67	17.76	17.96	20.87	18.24	18.33	21.30	18.18	17.81	21.01
	1	131	17.63	18.07	20.87	18.22	18.22	21.23	18.28	17.87	21.09
	1	132	17.68	17.94	20.82	18.22	18.22	21.23	18.12	17.79	20.97
	64	0	16.74	17.02	19.89	17.3	17.37	20.35	17.18	16.92	20.06
	64	35	17.68	17.95	20.83	18.28	18.39	21.35	18.18	17.81	21.01
	64	69	16.72	17.07	19.91	17.32	17.42	20.38	17.24	16.78	20.03
	128	0	16.63	17.05	19.86	17.44	17.22	20.34	17.26	16.9	20.09
	133	0	16.8	17.13	19.98	17.36	17.23	20.31	17.31	17.01	20.17
16QAM	1	1	15.65	15.97	18.82	16.23	16.23	19.24	16.25	15.8	19.04
64QAM	1	1	15.26	15.43	18.36	15.77	15.75	18.77	15.67	15.37	18.53
256QAM	1	1	13.34	13.46	16.41	13.96	13.79	16.89	13.73	13.29	16.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.83	21.47	21.82	23.46	33.01
16QAM	18.82	19.24	20.81	21.23	33.01
64QAM	18.36	18.77	20.35	20.76	33.01
256QAM	16.41	16.89	18.40	18.88	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 505200			CH 518598			CH 531996		
			2526 MHz			2592.99 MHz			2659.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.83	18.05	20.95	18.36	18.38	21.38	18.21	18.03	21.13
	1	0	16.72	16.94	19.84	17.29	17.28	20.30	17.2	16.94	20.08
	1	81	17.76	17.99	20.89	18.2	18.27	21.25	18.09	17.73	20.92
	1	160	17.75	17.99	20.88	18.19	18.23	21.22	18.23	17.85	21.05
	1	161	17.74	18.02	20.89	18.24	18.25	21.26	18.03	17.8	20.93
	81	0	16.74	16.92	19.84	17.25	17.31	20.29	17.07	16.9	20.00
	81	41	17.7	17.92	20.82	18.34	18.4	21.38	18.26	17.8	21.05
	81	81	16.72	16.94	19.84	17.35	17.31	20.34	17.2	16.78	20.01
	162	0	16.66	16.96	19.82	17.35	17.2	20.29	17.26	16.8	20.05
16QAM	1	1	15.72	16.03	18.89	16.3	16.27	19.30	16.29	15.73	19.03
64QAM	1	1	15.24	15.42	18.34	15.69	15.78	18.75	15.74	15.36	18.56
256QAM	1	1	13.32	13.56	16.45	13.87	13.78	16.84	13.64	13.33	16.50

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.82	21.38	21.81	23.37	33.01
16QAM	18.89	19.30	20.88	21.29	33.01
64QAM	18.34	18.75	20.33	20.74	33.01
256QAM	16.45	16.84	18.44	18.83	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 507204			CH 518598			CH 529998		
			2536.02 MHz			2592.99 MHz			2649.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.86	18.09	20.99	18.34	18.34	21.35	18.3	18.04	21.18
	1	0	16.79	16.99	19.90	17.34	17.32	20.34	17.2	16.98	20.10
	1	109	17.76	18.06	20.92	18.18	18.27	21.24	18.12	17.76	20.95
	1	215	17.79	18.01	20.91	18.21	18.3	21.27	18.3	17.78	21.06
	1	216	17.81	18.01	20.92	18.29	18.14	21.23	18.05	17.74	20.91
	108	0	16.78	16.95	19.88	17.25	17.35	20.31	17.06	16.92	20.00
	108	55	17.73	18.03	20.89	18.31	18.39	21.36	18.25	17.8	21.04
	108	109	16.71	17.05	19.89	17.28	17.36	20.33	17.23	16.8	20.03
	216	0	16.84	17.09	19.98	17.41	17.3	20.37	17.19	16.92	20.07
	217	0	16.79	16.99	19.90	17.33	17.28	20.32	17.22	17.01	20.13
16QAM	1	1	15.81	15.98	18.91	16.22	16.18	19.21	16.16	15.74	18.97
64QAM	1	1	15.26	15.53	18.41	15.79	15.73	18.77	15.66	15.3	18.49
256QAM	1	1	13.3	13.59	16.46	13.88	13.7	16.80	13.74	13.32	16.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.88	21.36	21.87	23.35	33.01
16QAM	18.91	19.21	20.90	21.20	33.01
64QAM	18.41	18.77	20.40	20.76	33.01
256QAM	16.46	16.80	18.45	18.79	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 508200			CH 518598			CH 528996		
			2541 MHz			2592.99 MHz			2644.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.88	18.12	21.01	18.36	18.41	21.40	18.28	18.01	21.16
	1	0	16.71	17.03	19.88	17.29	17.25	20.28	17.07	16.95	20.02
	1	123	17.81	18.07	20.95	18.25	18.32	21.30	18.13	17.84	21.00
	1	243	17.77	18.03	20.91	18.23	18.25	21.25	18.24	17.82	21.05
	1	244	17.83	18.03	20.94	18.19	18.16	21.19	18.09	17.84	20.98
	120	0	16.8	17.1	19.96	17.3	17.33	20.33	17.05	16.89	19.98
	120	63	17.81	18.1	20.97	18.27	18.33	21.31	18.27	17.81	21.06
	120	125	16.75	17.05	19.91	17.37	17.33	20.36	17.24	16.76	20.02
	243	0	16.86	17.12	20.00	17.4	17.31	20.37	17.28	16.89	20.10
	245	0	16.71	17.05	19.89	17.4	17.21	20.32	17.24	16.9	20.08
16QAM	1	1	15.79	16.1	18.96	16.2	16.19	19.21	16.22	15.77	19.01
64QAM	1	1	15.35	15.55	18.46	15.76	15.65	18.72	15.73	15.32	18.54
256QAM	1	1	13.34	13.59	16.48	13.91	13.79	16.86	13.72	13.31	16.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.88	21.40	21.87	23.39	33.01
16QAM	18.96	19.21	20.95	21.20	33.01
64QAM	18.46	18.72	20.45	20.71	33.01
256QAM	16.48	16.86	18.47	18.85	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, MIMO, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 509202			CH 518598			CH 528000		
			2546.01 MHz			2592.99 MHz			2640 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	17.89	18.17	21.04	18.49	18.47	21.49	18.35	18.05	21.21
	1	0	16.76	17.05	19.92	17.35	17.33	20.35	17.22	16.95	20.10
	1	137	17.72	18.04	20.89	18.33	18.32	21.34	18.19	17.94	21.08
	1	271	17.69	18.01	20.86	18.31	18.29	21.31	18.15	17.91	21.04
	1	272	17.66	17.99	20.84	18.29	18.33	21.32	18.14	17.87	21.02
	135	0	16.65	16.96	19.82	17.25	17.24	20.26	17.13	16.85	20.00
	135	69	17.61	17.94	20.79	18.22	18.29	21.27	18.1	17.81	20.97
	135	138	16.57	16.9	19.75	17.19	17.17	20.19	17.09	16.79	19.95
	270	0	16.59	16.93	19.77	17.22	17.19	20.22	17.12	16.8	19.97
	273	0	16.54	16.85	19.71	17.15	17.12	20.15	17.05	16.77	19.92
16QAM	1	1	15.53	15.84	18.70	16.13	16.1	19.13	16.04	15.76	18.91
64QAM	1	1	15.02	15.31	18.18	15.61	15.58	18.61	15.51	15.24	18.39
256QAM	1	1	12.99	13.29	16.15	13.58	13.55	16.58	13.49	13.21	16.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.71	21.49	21.70	23.48	33.01
16QAM	18.70	19.13	20.69	21.12	33.01
64QAM	18.18	18.61	20.17	20.60	33.01
256QAM	16.15	16.58	18.14	18.57	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.14 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 342500	CH 349000	CH 355500
			1712.5 MHz	1745 MHz	1777.5 MHz
BPSK	1	1	14.52	14.55	14.48
	1	0	14.49	14.42	14.39
QPSK	1	1	14.66	14.66	14.66
	1	0	13.35	13.43	13.38
	1	13	14.30	14.35	14.28
	1	23	14.62	14.64	14.61
	1	24	14.61	14.71	14.50
	12	0	13.47	13.39	13.32
	12	7	14.42	14.46	14.30
	12	13	13.58	13.66	13.59
	25	0	13.55	13.59	13.57
16QAM	1	0	12.29	12.37	12.18
64QAM	1	0	12.19	12.39	12.29
256QAM	1	0	10.28	10.32	10.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.39	14.55	15.42	15.58	30
QPSK	13.32	14.71	14.35	15.74	30
16QAM	12.18	12.37	13.21	13.40	30
64QAM	12.19	12.39	13.22	13.42	30
256QAM	10.20	10.32	11.23	11.35	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 343000	CH 349000	CH 355000
			1715 MHz	1745 MHz	1775 MHz
BPSK	1	1	14.61	14.64	14.50
	1	0	14.50	14.49	14.42
QPSK	1	1	14.76	14.73	14.66
	1	0	13.41	13.49	13.39
	1	26	14.37	14.42	14.34
	1	50	14.67	14.70	14.62
	1	51	14.70	14.73	14.56
	25	0	13.49	13.48	13.32
	25	14	14.44	14.50	14.31
	25	27	13.67	13.75	13.61
	50	0	13.67	13.60	13.49
	52	0	12.46	12.50	12.49
16QAM	1	0	12.33	12.42	12.24
64QAM	1	0	12.26	12.39	12.29
256QAM	1	0	10.29	10.41	10.30

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.42	14.64	15.45	15.67	30
QPSK	12.46	14.76	13.49	15.79	30
16QAM	12.24	12.42	13.27	13.45	30
64QAM	12.26	12.39	13.29	13.42	30
256QAM	10.29	10.41	11.32	11.44	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 343500	CH 349000	CH 354500
			1717.5 MHz	1745 MHz	1772.5 MHz
BPSK	1	1	14.64	14.71	14.56
	1	0	14.47	14.41	14.38
QPSK	1	1	14.78	14.77	14.65
	1	0	13.41	13.49	13.41
	1	40	14.42	14.41	14.29
	1	77	14.68	14.74	14.64
	1	78	14.65	14.68	14.63
	36	0	13.49	13.43	13.32
	36	22	14.44	14.50	14.38
	36	43	13.70	13.69	13.67
	75	0	13.60	13.61	13.53
	79	0	12.47	12.47	12.48
16QAM	1	0	12.30	12.41	12.29
64QAM	1	0	12.28	12.35	12.29
256QAM	1	0	10.33	10.39	10.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.38	14.71	15.41	15.74	30
QPSK	12.47	14.78	13.50	15.81	30
16QAM	12.29	12.41	13.32	13.44	30
64QAM	12.28	12.35	13.31	13.38	30
256QAM	10.24	10.39	11.27	11.42	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 344000	CH 349000	CH 354000
			1720 MHz	1745 MHz	1770 MHz
BPSK	1	1	14.59	14.64	14.50
	1	0	14.33	14.37	14.34
QPSK	1	1	14.68	14.72	14.59
	1	0	13.39	13.45	13.31
	1	53	14.35	14.39	14.27
	1	104	14.65	14.68	14.59
	1	105	14.61	14.67	14.56
	50	0	13.39	13.41	13.30
	50	28	14.41	14.48	14.31
	50	56	13.60	13.65	13.60
	100	0	13.57	13.59	13.49
	106	0	12.41	12.44	12.40
16QAM	1	0	12.28	12.38	12.23
64QAM	1	0	12.25	12.35	12.23
256QAM	1	0	10.29	10.32	10.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.33	14.64	15.36	15.67	30
QPSK	12.4	14.72	13.43	15.75	30
16QAM	12.23	12.38	13.26	13.41	30
64QAM	12.23	12.35	13.26	13.38	30
256QAM	10.2	10.32	11.23	11.35	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 344500	CH 349000	CH 353500
			1722.5 MHz	1745 MHz	1767.5 MHz
BPSK	1	1	14.62	14.67	14.53
	1	0	14.36	14.40	14.37
QPSK	1	1	14.71	14.75	14.62
	1	0	13.42	13.48	13.34
	1	67	14.38	14.42	14.30
	1	131	14.68	14.71	14.62
	1	132	14.64	14.70	14.59
	64	0	13.42	13.44	13.33
	64	35	14.44	14.51	14.34
	64	69	13.63	13.68	13.63
	128	0	13.60	13.62	13.52
	133	0	12.44	12.47	12.43
16QAM	1	0	12.31	12.41	12.26
64QAM	1	0	12.28	12.38	12.26
256QAM	1	0	10.32	10.35	10.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.36	14.67	15.39	15.7	30
QPSK	12.43	14.75	13.46	15.78	30
16QAM	12.26	12.41	13.29	13.44	30
64QAM	12.26	12.38	13.29	13.41	30
256QAM	10.23	10.35	11.26	11.38	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 345000	CH 349000	CH 353000
			1725 MHz	1745 MHz	1765 MHz
BPSK	1	1	14.54	14.64	14.51
	1	0	14.12	14.17	14.05
QPSK	1	1	14.65	14.69	14.55
	1	0	13.51	13.58	13.52
	1	80	14.62	14.63	14.51
	1	158	14.61	14.65	14.48
	1	159	14.54	14.62	14.53
	80	0	13.57	13.66	13.47
	80	40	14.56	14.52	14.43
	80	80	13.57	13.66	13.48
	160	0	13.51	13.62	13.45
16QAM	1	0	12.55	12.61	12.48
64QAM	1	0	12.15	12.06	11.99
256QAM	1	0	10.00	10.10	9.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.05	14.64	15.08	15.67	30
QPSK	13.45	14.69	14.48	15.72	30
16QAM	12.48	12.61	13.51	13.64	30
64QAM	11.99	12.15	13.02	13.18	30
256QAM	9.92	10.1	10.95	11.13	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 345500	CH 349000	CH 352500
			1727.5 MHz	1745 MHz	1762.5 MHz
BPSK	1	1	14.66	14.71	14.57
	1	0	14.40	14.44	14.41
QPSK	1	1	14.75	14.79	14.66
	1	0	13.46	13.52	13.38
	1	94	14.42	14.46	14.34
	1	186	14.72	14.75	14.66
	1	187	14.68	14.74	14.63
	80	0	13.46	13.48	13.37
	94	47	14.48	14.55	14.38
	94	94	13.67	13.72	13.67
	180	0	13.64	13.66	13.56
	188	0	13.62	13.64	13.52
16QAM	1	0	12.35	12.45	12.30
64QAM	1	0	12.32	12.42	12.30
256QAM	1	0	10.36	10.37	10.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.4	14.71	15.43	15.74	30
QPSK	13.37	14.79	14.4	15.82	30
16QAM	12.3	12.45	13.33	13.48	30
64QAM	12.3	12.42	13.33	13.45	30
256QAM	10.27	10.37	11.3	11.4	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 346000	CH 349000	CH 352000
			1730 MHz	1745 MHz	1760 MHz
BPSK	1	1	14.69	14.74	14.60
	1	0	14.43	14.47	14.44
QPSK	1	1	14.78	14.82	14.69
	1	0	13.49	13.55	13.41
	1	108	14.45	14.49	14.37
	1	214	14.75	14.78	14.69
	1	215	14.71	14.77	14.66
	108	0	13.49	13.51	13.40
	108	54	14.51	14.58	14.41
	108	108	13.70	13.75	13.70
	216	0	13.67	13.69	13.59
16QAM	1	0	12.38	12.48	12.33
64QAM	1	0	12.35	12.45	12.33
256QAM	1	0	10.39	10.40	10.30

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	14.43	14.74	15.46	15.77	30
QPSK	13.4	14.82	14.43	15.85	30
16QAM	12.33	12.48	13.36	13.51	30
64QAM	12.33	12.45	13.36	13.48	30
256QAM	10.3	10.4	11.33	11.43	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.15 NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133100	CH 136100	CH 139100
			665.5 MHz	680.5 MHz	695.5 MHz
BPSK	1	1	19.14	19.20	19.18
	1	0	18.59	18.73	18.60
QPSK	1	1	19.13	19.25	19.12
	1	0	18.02	18.26	18.20
	1	13	18.96	19.14	18.96
	1	23	19.00	19.12	19.11
	1	24	19.04	19.23	19.07
	12	0	18.21	18.27	18.22
	12	7	19.13	19.14	19.03
	12	13	18.23	18.29	18.22
	25	0	18.27	18.32	18.24
16QAM	1	0	17.20	17.26	17.25
64QAM	1	0	16.42	16.55	16.34
256QAM	1	0	14.36	14.32	14.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	18.59	19.20	18.84	19.45	34.77
QPSK	18.02	19.25	18.27	19.50	34.77
16QAM	17.20	17.26	17.45	17.51	34.77
64QAM	16.34	16.55	16.59	16.80	34.77
256QAM	14.32	14.40	14.57	14.65	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133600	CH 136100	CH 138600
			668 MHz	680.5 MHz	693 MHz
BPSK	1	1	19.18	19.26	19.22
	1	0	18.61	18.78	18.66
QPSK	1	1	19.15	19.35	19.21
	1	0	18.06	18.30	18.30
	1	26	19.02	19.16	19.06
	1	50	19.10	19.17	19.17
	1	51	19.14	19.30	19.17
	25	0	18.25	18.27	18.23
	25	14	19.17	19.24	19.10
	25	27	18.24	18.31	18.31
	50	0	18.20	18.27	18.27
	52	0	17.12	17.25	17.26
16QAM	1	0	17.29	17.28	17.34
64QAM	1	0	16.45	16.58	16.41
256QAM	1	0	14.40	14.36	14.46

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	18.61	19.26	18.86	19.51	34.77
QPSK	17.12	19.35	17.37	19.60	34.77
16QAM	17.28	17.34	17.53	17.59	34.77
64QAM	16.41	16.58	16.66	16.83	34.77
256QAM	14.36	14.46	14.61	14.71	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 134100	CH 136100	CH 138100
			670.5 MHz	680.5 MHz	690.5 MHz
BPSK	1	1	19.20	19.29	19.30
	1	0	18.66	18.78	18.72
QPSK	1	1	19.23	19.42	19.30
	1	0	18.16	18.35	18.34
	1	40	19.09	19.20	19.13
	1	77	19.13	19.21	19.17
	1	78	19.17	19.37	19.27
	36	0	18.31	18.34	18.31
	36	22	19.21	19.30	19.20
	36	43	18.26	18.36	18.32
	75	0	18.26	18.32	18.32
	79	0	17.22	17.34	17.29
16QAM	1	0	17.39	17.37	17.39
64QAM	1	0	16.47	16.58	16.49
256QAM	1	0	14.47	14.43	14.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	18.66	19.30	18.91	19.55	34.77
QPSK	17.22	19.42	17.47	19.67	34.77
16QAM	17.37	17.39	17.62	17.64	34.77
64QAM	16.47	16.58	16.72	16.83	34.77
256QAM	14.43	14.52	14.68	14.77	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 134600	CH 136100	CH 137600
			673 MHz	680.5 MHz	688 MHz
BPSK	1	1	19.22	19.32	19.34
	1	0	18.67	18.82	18.79
QPSK	1	1	19.25	19.46	19.40
	1	0	18.26	18.43	18.36
	1	53	19.09	19.28	19.18
	1	104	19.22	19.3	19.23
	1	105	19.21	19.39	19.31
	50	0	18.36	18.38	18.37
	50	28	19.25	19.37	19.27
	50	56	18.33	18.41	18.38
	100	0	18.33	18.35	18.33
	106	0	17.31	17.37	17.37
16QAM	1	0	17.40	17.46	17.40
64QAM	1	0	16.55	16.62	16.57
256QAM	1	0	14.48	14.53	14.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	18.67	19.34	18.92	19.59	34.77
QPSK	17.31	19.46	17.56	19.71	34.77
16QAM	17.40	17.46	17.65	17.71	34.77
64QAM	16.55	16.62	16.80	16.87	34.77
256QAM	14.48	14.53	14.73	14.78	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 135100	CH 136100	CH 137100
			675.5 MHz	680.5 MHz	685.5 MHz
BPSK	1	1	19.20	19.29	19.30
	1	0	18.66	18.78	18.72
QPSK	1	1	19.23	19.42	19.30
	1	0	18.16	18.35	18.34
	1	40	19.09	19.20	19.13
	1	77	19.13	19.21	19.17
	1	78	19.17	19.37	19.27
	36	0	18.31	18.34	18.31
	36	22	19.21	19.30	19.20
	36	43	18.26	18.36	18.32
	75	0	18.26	18.32	18.32
	79	0	17.22	17.34	17.29
16QAM	1	0	17.39	17.37	17.39
64QAM	1	0	16.47	16.58	16.49
256QAM	1	0	14.47	14.43	14.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	18.66	19.3	18.91	19.55	34.77
QPSK	17.22	19.42	17.47	19.67	34.77
16QAM	17.37	17.39	17.62	17.64	34.77
64QAM	16.47	16.58	16.72	16.83	34.77
256QAM	14.43	14.52	14.68	14.77	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 135600	CH 136100	CH 136600
			678 MHz	680.5 MHz	683 MHz
BPSK	1	1	19.22	19.32	19.34
	1	0	18.67	18.82	18.79
QPSK	1	1	19.25	19.46	19.40
	1	0	18.26	18.43	18.36
	1	53	19.09	19.28	19.18
	1	104	19.22	19.3	19.23
	1	105	19.21	19.39	19.31
	80	0	18.36	18.38	18.37
	80	40	19.25	19.37	19.27
	80	80	18.33	18.41	18.38
	160	0	18.33	18.35	18.33
	106	0	17.31	17.37	17.37
16QAM	1	0	17.40	17.46	17.40
64QAM	1	0	16.55	16.62	16.57
256QAM	1	0	14.48	14.53	14.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	18.67	19.34	18.92	19.59	34.77
QPSK	17.31	19.46	17.56	19.71	34.77
16QAM	17.4	17.46	17.65	17.71	34.77
64QAM	16.55	16.62	16.8	16.87	34.77
256QAM	14.48	14.53	14.73	14.78	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.16 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) (SISO)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630334	CH 633334	CH 636332
			3455.01 MHz	3500.01 MHz	3544.98 MHz
BPSK	1	1	18.87	18.91	18.79
	1	0	18.41	18.39	18.33
QPSK	1	1	18.93	18.98	18.91
	1	0	15.37	15.36	15.34
	1	11	18.89	18.93	18.79
	1	22	18.87	18.94	18.79
	1	23	15.33	15.41	15.34
	12	0	17.86	17.96	17.80
	12	6	18.85	18.87	18.76
	12	12	17.87	17.94	17.78
	24	0	17.85	17.91	17.75
16QAM	1	0	15.39	15.36	15.37
64QAM	1	0	14.82	14.92	14.82
256QAM	1	0	14.32	14.40	14.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.33	18.91	20.79	21.37	30
QPSK	15.33	18.98	17.79	21.44	30
16QAM	15.36	15.39	17.82	17.85	30
64QAM	14.82	14.92	17.28	17.38	30
256QAM	14.32	14.40	16.78	16.86	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630500	CH 633334	CH 636166
			3457.5 MHz	3500.01 MHz	3542.49 MHz
BPSK	1	1	18.88	18.94	18.85
	1	0	18.37	18.52	18.37
QPSK	1	1	18.96	19.03	18.91
	1	0	15.40	15.40	15.35
	1	19	18.90	18.92	18.88
	1	36	18.85	18.95	18.88
	1	37	15.41	15.42	15.32
	18	0	17.81	18.00	17.88
	18	10	18.91	18.97	18.89
	18	20	17.92	17.90	17.81
	36	0	17.95	18.00	17.89
	38	0	17.88	17.90	17.84
16QAM	1	0	15.43	15.42	15.41
64QAM	1	0	14.83	14.88	14.89
256QAM	1	0	14.44	14.38	14.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.37	18.94	20.83	21.40	30
QPSK	15.32	19.03	17.78	21.49	30
16QAM	15.41	15.43	17.87	17.89	30
64QAM	14.83	14.89	17.29	17.35	30
256QAM	14.31	14.44	16.77	16.90	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630668	CH 633334	CH 636000
			3460.02 MHz	3500.01 MHz	3540 MHz
BPSK	1	1	18.97	19.01	18.88
	1	0	18.43	18.45	18.42
QPSK	1	1	18.98	19.06	18.95
	1	0	15.41	15.45	15.36
	1	26	18.93	18.94	18.86
	1	49	18.90	18.95	18.86
	1	50	15.45	15.50	15.39
	25	0	17.94	17.97	17.91
	25	13	18.90	19.00	18.82
	25	26	17.93	17.93	17.93
	50	0	18.00	18.00	17.94
	51	0	17.92	17.87	17.85
16QAM	1	0	15.43	15.41	15.45
64QAM	1	0	14.93	15.00	14.96
256QAM	1	0	14.38	14.49	14.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.42	19.01	20.88	21.47	30
QPSK	15.36	19.06	17.82	21.52	30
16QAM	15.41	15.45	17.87	17.91	30
64QAM	14.93	15.00	17.39	17.46	30
256QAM	14.38	14.49	16.84	16.95	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 631000	CH 633334	CH 635666
			3465 MHz	3500.01 MHz	3534.99 MHz
BPSK	1	1	18.98	18.97	18.97
	1	0	18.54	18.54	18.46
QPSK	1	1	19.03	19.07	19.00
	1	0	15.49	15.46	15.47
	1	39	18.99	18.98	18.91
	1	76	18.94	19.01	18.96
	1	77	15.48	15.44	15.38
	36	0	17.91	18.00	17.90
	36	21	18.96	19.00	18.89
	36	42	18.02	17.92	17.91
	75	0	18.03	18.05	17.97
	78	0	17.94	17.95	17.84
16QAM	1	0	15.49	15.46	15.45
64QAM	1	0	15.04	15.02	15.05
256QAM	1	0	14.39	14.44	14.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.46	18.98	20.92	21.44	30
QPSK	15.38	19.07	17.84	21.53	30
16QAM	15.45	15.49	17.91	17.95	30
64QAM	15.02	15.05	17.48	17.51	30
256QAM	14.39	14.44	16.85	16.90	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 631334	CH 633334	CH 635332
			3470.01 MHz	3500.01 MHz	3529.98 MHz
BPSK	1	1	18.99	18.99	18.97
	1	0	18.50	18.52	18.46
QPSK	1	1	19.08	19.09	19.03
	1	0	15.55	15.48	15.48
	1	53	19.05	19.05	18.94
	1	104	19.04	19.03	18.97
	1	105	15.52	15.54	15.50
	50	0	17.95	17.95	17.91
	50	28	18.94	19.00	18.99
	50	56	18.03	18.03	18.01
	100	0	18.03	18.08	18.03
	106	0	17.98	18.03	17.88
16QAM	1	0	15.55	15.55	15.52
64QAM	1	0	15.06	14.94	14.90
256QAM	1	0	14.54	14.50	14.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.46	18.99	20.92	21.45	30
QPSK	15.48	19.09	17.94	21.55	30
16QAM	15.52	15.55	17.98	18.01	30
64QAM	14.90	15.06	17.36	17.52	30
256QAM	14.49	14.54	16.95	17.00	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 631668	CH 633334	CH 635000
			3475.02 MHz	3500.01 MHz	3525 MHz
BPSK	1	1	19.02	19.07	18.93
	1	0	18.57	18.58	18.53
QPSK	1	1	19.11	19.13	19.07
	1	0	15.49	15.50	15.51
	1	67	19.02	19.04	18.97
	1	131	19.03	19.07	18.97
	1	132	15.58	15.59	15.47
	64	0	18.09	18.03	17.99
	64	35	19.03	19.09	18.91
	64	69	18.09	18.07	17.95
	128	0	18.07	18.12	18.02
	133	0	18.01	18.07	17.90
16QAM	1	0	15.53	15.52	15.48
64QAM	1	0	15.02	15.08	14.89
256QAM	1	0	14.46	14.55	14.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.53	19.07	20.99	21.53	30
QPSK	15.47	19.13	17.93	21.59	30
16QAM	15.48	15.53	17.94	17.99	30
64QAM	14.89	15.08	17.35	17.54	30
256QAM	14.39	14.55	16.85	17.01	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632000	CH 633334	CH 634666
			3480 MHz	3500.01 MHz	3519.99 MHz
BPSK	1	1	19.02	19.06	19.03
	1	0	18.53	18.57	18.48
QPSK	1	1	19.15	19.17	19.08
	1	0	15.58	15.57	15.50
	1	81	19.10	19.12	19.04
	1	160	19.03	19.09	19.02
	1	161	15.60	15.54	15.50
	81	0	18.01	18.02	18.02
	81	41	19.00	19.07	19.01
	81	81	18.10	18.10	18.04
	162	0	18.07	18.08	18.01
16QAM	1	0	15.53	15.61	15.42
64QAM	1	0	15.06	15.13	15.06
256QAM	1	0	14.59	14.61	14.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.48	19.06	20.94	21.52	30
QPSK	15.50	19.17	17.96	21.63	30
16QAM	15.42	15.61	17.88	18.07	30
64QAM	15.06	15.13	17.52	17.59	30
256QAM	14.49	14.61	16.95	17.07	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632334	CH 633334	CH 634332
			3485.01 MHz	3500.01 MHz	3514.98 MHz
BPSK	1	1	19.11	19.09	19.02
	1	0	18.60	18.60	18.54
QPSK	1	1	19.16	19.18	19.11
	1	0	15.57	15.58	15.57
	1	95	19.05	19.13	19.09
	1	187	19.12	19.10	19.07
	1	188	15.60	15.60	15.54
	90	0	18.10	18.09	18.03
	90	50	19.05	19.13	18.98
	90	99	18.13	18.07	17.98
	180	0	18.12	18.15	18.12
	189	0	18.05	18.12	17.97
16QAM	1	0	15.53	15.62	15.54
64QAM	1	0	15.15	15.12	15.03
256QAM	1	0	14.53	14.61	14.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.54	19.11	21.00	21.57	30
QPSK	15.54	19.18	18.00	21.64	30
16QAM	15.53	15.62	17.99	18.08	30
64QAM	15.03	15.15	17.49	17.61	30
256QAM	14.47	14.61	16.93	17.07	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632668	CH 633334	CH 634000
			3490.02 MHz	3500.01 MHz	3510 MHz
BPSK	1	1	19.09	19.11	19.08
	1	0	18.63	18.61	18.54
QPSK	1	1	19.20	19.21	19.16
	1	0	15.61	15.67	15.57
	1	109	19.11	19.11	19.08
	1	215	19.17	19.14	19.10
	1	216	15.60	15.66	15.51
	108	0	18.07	18.11	18.00
	108	55	19.16	19.18	19.03
	108	109	18.14	18.16	18.04
	216	0	18.19	18.21	18.13
	217	0	18.06	18.11	18.03
16QAM	1	0	15.67	15.65	15.62
64QAM	1	0	15.16	15.13	15.08
256QAM	1	0	14.65	14.62	14.50

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.54	19.11	21.00	21.57	30
QPSK	15.51	19.21	17.97	21.67	30
16QAM	15.62	15.67	18.08	18.13	30
64QAM	15.08	15.16	17.54	17.62	30
256QAM	14.50	14.65	16.96	17.11	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 633000	CH 633334	CH 633666
			3495 MHz	3500.01 MHz	3504.99 MHz
BPSK	1	1	19.19	19.23	19.08
	1	0	18.61	18.67	18.65
QPSK	1	1	19.23	19.25	19.16
	1	0	15.62	15.66	15.54
	1	123	19.13	19.14	19.10
	1	243	19.17	19.21	19.07
	1	244	15.60	15.64	15.57
	120	0	18.14	18.16	18.11
	120	63	19.08	19.18	19.10
	120	125	18.15	18.23	18.14
	243	0	18.22	18.24	18.12
	245	0	18.08	18.18	18.11
16QAM	1	0	15.69	15.59	15.64
64QAM	1	0	15.22	15.26	15.09
256QAM	1	0	14.68	14.62	14.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	18.61	19.23	21.07	21.69	30
QPSK	15.54	19.25	18.00	21.71	30
16QAM	15.59	15.69	18.05	18.15	30
64QAM	15.09	15.26	17.55	17.72	30
256QAM	14.58	14.68	17.04	17.14	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 633334
			3500.01 MHz
BPSK	1	1	19.42
	1	0	15.99
QPSK	1	1	19.43
	1	0	16.00
	1	137	19.41
	1	271	19.39
	1	272	16.28
	135	0	18.48
	135	69	19.30
	135	138	18.45
	270	0	18.47
	273	0	15.42
16QAM	1	0	16.07
64QAM	1	0	16.02
256QAM	1	0	14.68

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.99	19.42	18.45	21.88	30
QPSK	15.42	19.43	17.88	21.89	30
16QAM	16.07	16.07	18.53	18.53	30
64QAM	16.02	16.02	18.48	18.48	30
256QAM	14.68	14.68	17.14	17.14	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.17 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) (MIMO)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 630334			CH 633334			CH 636332		
			3455.01 MHz			3500.01 MHz			3544.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.70	15.64	18.68	15.33	16.04	18.71	15.34	16.11	18.75
	1	0	14.57	14.46	17.53	14.19	14.98	17.61	14.17	14.91	17.57
	1	11	15.57	15.41	18.50	15.18	15.92	18.58	15.26	15.96	18.63
	1	22	15.54	15.43	18.50	15.16	15.90	18.56	15.16	15.84	18.52
	1	23	15.51	15.38	18.46	15.16	15.83	18.52	15.19	15.90	18.57
	12	0	14.48	14.39	17.45	14.20	14.81	17.53	14.15	14.90	17.55
	12	6	15.50	15.29	18.41	15.16	15.86	18.53	15.10	15.89	18.52
	12	12	14.48	14.31	17.41	14.16	14.81	17.51	14.12	14.83	17.50
	24	0	14.45	14.34	17.41	14.10	14.85	17.50	14.10	14.81	17.48
16QAM	1	1	13.38	13.30	16.35	13.01	13.73	16.40	13.08	13.71	16.42
64QAM	1	1	12.87	12.74	15.82	12.56	13.19	15.90	12.48	13.27	15.90
256QAM	1	1	10.83	10.66	13.76	10.45	11.25	13.88	10.50	11.27	13.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.41	18.75	19.98	21.32	30
16QAM	16.35	16.42	18.92	18.99	30
64QAM	15.82	15.90	18.39	18.47	30
256QAM	13.76	13.91	16.33	16.48	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 630500			CH 633334			CH 636166		
			3457.5 MHz			3500.01 MHz			3542.49 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.78	15.63	18.72	15.27	15.27	18.28	15.35	15.26	18.32
	1	0	14.58	14.47	17.54	14.13	14.11	17.13	14.22	14.14	17.19
	1	19	15.60	15.37	18.50	15.07	15.06	18.08	15.20	15.14	18.18
	1	36	15.59	15.41	18.51	15.02	15.11	18.08	15.13	15.07	18.11
	1	37	15.53	15.31	18.43	14.94	15.02	17.99	15.06	15.09	18.09
	18	0	14.50	14.40	17.46	13.98	14.01	17.01	14.10	13.99	17.06
	18	10	15.51	15.34	18.44	14.90	14.97	17.95	15.03	15.00	18.03
	18	20	14.43	14.28	17.37	13.88	13.98	16.94	14.06	14.01	17.05
	36	0	14.47	14.35	17.42	13.92	13.97	16.96	14.09	13.95	17.03
	38	0	14.37	14.22	17.31	13.82	13.96	16.90	13.93	14.00	16.98
16QAM	1	1	13.34	13.26	16.31	12.86	12.89	15.89	12.89	12.95	15.93
64QAM	1	1	12.77	12.70	15.75	12.27	12.44	15.37	12.43	12.42	15.44
256QAM	1	1	10.81	10.75	13.79	10.31	10.36	13.35	10.38	10.37	13.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	16.90	18.72	19.47	21.29	30
16QAM	15.89	16.31	18.46	18.88	30
64QAM	15.37	15.75	17.94	18.32	30
256QAM	13.35	13.79	15.92	16.36	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 630688			CH 633334			CH 636000		
			3460.02 MHz			3500.01 MHz			3540 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.78	15.54	18.67	15.26	15.26	18.27	15.34	16.06	18.73
	1	0	14.57	14.48	17.54	14.12	14.09	17.12	14.18	14.95	17.59
	1	26	15.64	15.44	18.55	15.11	15.13	18.13	15.18	15.88	18.55
	1	49	15.58	15.37	18.49	15.04	15.12	18.09	15.21	15.90	18.58
	1	50	15.48	15.40	18.45	14.93	15.01	17.98	15.23	15.88	18.58
	25	0	14.48	14.32	17.41	13.95	14.03	17.00	14.18	14.83	17.53
	25	13	15.41	15.27	18.35	14.88	15.06	17.98	15.12	15.84	18.51
	25	26	14.42	14.27	17.36	13.90	14.03	16.98	14.09	14.84	17.49
	50	0	14.50	14.31	17.42	13.90	14.02	16.97	14.09	14.82	17.48
	51	0	14.39	14.32	17.37	13.83	13.89	16.87	14.13	14.80	17.49
16QAM	1	1	13.34	13.24	16.30	12.86	12.88	15.88	13.10	13.74	16.44
64QAM	1	1	12.83	12.74	15.80	12.27	12.44	15.37	12.56	13.26	15.93
256QAM	1	1	10.81	10.71	13.77	10.31	10.34	13.34	10.51	11.21	13.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	16.87	18.73	19.44	21.30	30
16QAM	15.88	16.44	18.45	19.01	30
64QAM	15.37	15.93	17.94	18.50	30
256QAM	13.34	13.88	15.91	16.45	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 631000			CH 633334			CH 635666		
			3465 MHz			3500.01 MHz			3534.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.72	15.62	18.68	15.41	16.06	18.76	15.42	16.11	18.79
	1	0	14.62	14.46	17.55	14.26	14.96	17.63	14.21	14.93	17.60
	1	39	15.62	15.40	18.52	15.23	15.92	18.60	15.21	15.96	18.61
	1	76	15.55	15.34	18.46	15.17	15.83	18.52	15.19	15.86	18.55
	1	77	15.48	15.38	18.44	15.21	15.92	18.59	15.17	15.85	18.53
	36	0	14.50	14.35	17.44	14.17	14.85	17.53	14.17	14.87	17.54
	36	21	15.44	15.29	18.38	15.18	15.83	18.53	15.12	15.88	18.53
	36	42	14.41	14.29	17.36	14.12	14.87	17.52	14.13	14.86	17.52
	75	0	14.50	14.31	17.42	14.15	14.91	17.56	14.10	14.88	17.52
	78	0	14.39	14.25	17.33	14.05	14.74	17.42	14.09	14.79	17.46
16QAM	1	1	13.38	13.23	16.32	13.09	13.75	16.44	13.03	13.70	16.39
64QAM	1	1	12.83	12.74	15.80	12.50	13.24	15.90	12.50	13.20	15.87
256QAM	1	1	10.82	10.75	13.80	10.52	11.24	13.91	10.48	11.18	13.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.33	18.79	19.90	21.36	30
16QAM	16.32	16.44	18.89	19.01	30
64QAM	15.80	15.90	18.37	18.47	30
256QAM	13.80	13.91	16.37	16.48	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 631334			CH 633334			CH 635332		
			3470.01 MHz			3500.01 MHz			3529.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.70	15.64	18.68	15.39	16.04	18.74	15.37	16.12	18.77
	1	0	14.58	14.45	17.53	14.24	14.99	17.64	14.19	14.96	17.60
	1	53	15.64	15.43	18.55	15.23	15.92	18.60	15.24	15.92	18.60
	1	104	15.61	15.35	18.49	15.22	15.84	18.55	15.24	15.89	18.59
	1	105	15.55	15.37	18.47	15.23	15.91	18.59	15.20	15.91	18.58
	50	0	14.45	14.35	17.41	14.17	14.87	17.54	14.13	14.88	17.53
	50	28	15.42	15.29	18.37	15.18	15.80	18.51	15.13	15.79	18.48
	50	56	14.42	14.29	17.37	14.16	14.78	17.49	14.08	14.82	17.48
	100	0	14.48	14.32	17.41	14.18	14.86	17.54	14.10	14.88	17.52
	106	0	14.41	14.32	17.38	14.06	14.76	17.43	14.05	14.73	17.41
16QAM	1	1	13.36	13.23	16.31	13.08	13.75	16.44	13.03	13.77	16.43
64QAM	1	1	12.85	12.67	15.77	12.57	13.27	15.94	12.56	13.24	15.92
256QAM	1	1	10.78	10.72	13.76	10.50	11.20	13.87	10.45	11.23	13.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.37	18.77	19.94	21.34	30
16QAM	16.31	16.44	18.88	19.01	30
64QAM	15.77	15.94	18.34	18.51	30
256QAM	13.76	13.87	16.33	16.44	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 631668			CH 633334			CH 635000		
			3475.02 MHz			3500.01 MHz			3525 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.72	15.54	18.64	15.33	16.07	18.73	15.41	16.05	18.75
	1	0	14.61	14.46	17.55	14.24	14.95	17.62	14.18	14.98	17.61
	1	67	15.63	15.39	18.52	15.18	15.95	18.59	15.22	15.97	18.62
	1	131	15.58	15.40	18.50	15.22	15.92	18.59	15.25	15.83	18.56
	1	132	15.51	15.32	18.43	15.19	15.88	18.56	15.22	15.91	18.59
	64	0	14.46	14.36	17.42	14.12	14.91	17.54	14.16	14.85	17.53
	64	35	15.42	15.30	18.37	15.10	15.86	18.51	15.13	15.85	18.52
	64	69	14.42	14.28	17.36	14.08	14.79	17.46	14.13	14.83	17.50
	128	0	14.48	14.35	17.43	14.15	14.84	17.52	14.11	14.86	17.51
	133	0	14.34	14.31	17.34	14.12	14.74	17.45	14.08	14.81	17.47
16QAM	1	1	13.33	13.28	16.32	13.02	13.72	16.39	13.07	13.73	16.42
64QAM	1	1	12.78	12.76	15.78	12.55	13.22	15.91	12.52	13.27	15.92
256QAM	1	1	10.80	10.76	13.79	10.45	11.22	13.86	10.54	11.23	13.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.34	18.75	19.91	21.32	30
16QAM	16.32	16.42	18.89	18.99	30
64QAM	15.78	15.92	18.35	18.49	30
256QAM	13.79	13.91	16.36	16.48	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 632000			CH 633334			CH 634666		
			3480 MHz			3500.01 MHz			3519.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.78	15.58	18.69	15.35	16.07	18.74	15.39	16.06	18.75
	1	0	14.63	14.39	17.52	14.19	14.95	17.60	14.21	14.98	17.62
	1	81	15.64	15.44	18.55	15.19	15.91	18.58	15.17	15.95	18.59
	1	160	15.59	15.38	18.50	15.19	15.85	18.54	15.25	15.88	18.59
	1	161	15.48	15.39	18.45	15.16	15.84	18.52	15.14	15.86	18.53
	81	0	14.45	14.30	17.39	14.21	14.87	17.56	14.16	14.90	17.56
	81	41	15.49	15.36	18.44	15.16	15.87	18.54	15.15	15.80	18.50
	81	81	14.46	14.28	17.38	14.07	14.81	17.47	14.07	14.87	17.50
	162	0	14.42	14.28	17.36	14.11	14.84	17.50	14.18	14.88	17.55
16QAM	1	1	13.37	13.25	16.32	13.02	13.74	16.41	13.09	13.69	16.41
64QAM	1	1	12.78	12.71	15.76	12.51	13.18	15.87	12.56	13.27	15.94
256QAM	1	1	10.84	10.71	13.79	10.53	11.27	13.93	10.44	11.23	13.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.36	18.75	19.93	21.32	30
16QAM	16.32	16.41	18.89	18.98	30
64QAM	15.76	15.94	18.33	18.51	30
256QAM	13.79	13.93	16.36	16.50	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 632334			CH 633334			CH 634332		
			3485.01 MHz			3500.01 MHz			3514.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.68	15.57	18.64	15.34	16.09	18.74	15.41	16.03	18.74
	1	0	14.60	14.48	17.55	14.19	14.95	17.60	14.26	14.97	17.64
	1	95	15.56	15.47	18.53	15.21	15.94	18.60	15.22	15.87	18.57
	1	187	15.55	15.39	18.48	15.24	15.89	18.59	15.17	15.90	18.56
	1	188	15.53	15.31	18.43	15.14	15.86	18.53	15.22	15.82	18.54
	90	0	14.50	14.38	17.45	14.16	14.82	17.51	14.15	14.86	17.53
	90	50	15.46	15.35	18.42	15.13	15.86	18.52	15.11	15.85	18.51
	90	99	14.46	14.25	17.37	14.15	14.80	17.50	14.07	14.78	17.45
	180	0	14.48	14.35	17.43	14.16	14.86	17.53	14.11	14.86	17.51
	189	0	14.40	14.23	17.33	14.11	14.80	17.48	14.08	14.78	17.45
16QAM	1	1	13.36	13.21	16.30	13.09	13.74	16.44	13.00	13.78	16.42
64QAM	1	1	12.83	12.71	15.78	12.57	13.25	15.93	12.48	13.27	15.90
256QAM	1	1	10.75	10.74	13.76	10.50	11.26	13.91	10.49	11.27	13.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.33	18.74	19.90	21.31	30
16QAM	16.30	16.44	18.87	19.01	30
64QAM	15.78	15.93	18.35	18.50	30
256QAM	13.76	13.91	16.33	16.48	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 632668			CH 633334			CH 634000		
			3490.02 MHz			3500.01 MHz			3510 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.69	15.64	18.68	15.34	16.12	18.76	15.39	16.08	18.76
	1	0	14.61	14.49	17.56	14.22	14.97	17.62	14.24	14.93	17.61
	1	109	15.62	15.37	18.51	15.19	15.87	18.55	15.17	15.97	18.60
	1	215	15.62	15.34	18.49	15.22	15.85	18.56	15.24	15.87	18.58
	1	216	15.58	15.31	18.46	15.17	15.89	18.56	15.21	15.83	18.54
	108	0	14.51	14.33	17.43	14.13	14.85	17.52	14.11	14.88	17.52
	108	55	15.41	15.35	18.39	15.12	15.88	18.53	15.15	15.80	18.50
	108	109	14.42	14.24	17.34	14.12	14.87	17.52	14.17	14.79	17.50
	216	0	14.50	14.35	17.44	14.10	14.85	17.50	14.13	14.91	17.55
	217	0	14.32	14.28	17.31	14.10	14.76	17.45	14.04	14.77	17.43
16QAM	1	1	13.38	13.23	16.32	13.06	13.70	16.40	13.03	13.71	16.39
64QAM	1	1	12.81	12.68	15.76	12.57	13.22	15.92	12.47	13.20	15.86
256QAM	1	1	10.83	10.69	13.77	10.49	11.20	13.87	10.52	11.21	13.89

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.31	18.76	19.88	21.33	30
16QAM	16.32	16.40	18.89	18.97	30
64QAM	15.76	15.92	18.33	18.49	30
256QAM	13.77	13.89	16.34	16.46	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 633000			CH 633334			CH 633666		
			3495 MHz			3500.01 MHz			3504.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.73	15.58	18.67	15.37	16.07	18.74	15.39	16.05	18.74
	1	0	14.56	14.48	17.53	14.26	14.99	17.65	14.26	14.94	17.62
	1	123	15.62	15.39	18.52	15.17	15.87	18.54	15.18	15.93	18.58
	1	243	15.62	15.35	18.50	15.25	15.88	18.59	15.16	15.86	18.53
	1	244	15.53	15.39	18.47	15.18	15.90	18.57	15.24	15.89	18.59
	120	0	14.52	14.38	17.46	14.19	14.88	17.56	14.21	14.91	17.58
	120	63	15.47	15.26	18.38	15.18	15.84	18.53	15.13	15.84	18.51
	120	125	14.46	14.30	17.39	14.12	14.82	17.49	14.10	14.78	17.46
	243	0	14.50	14.33	17.43	14.13	14.88	17.53	14.19	14.82	17.53
	245	0	14.36	14.32	17.35	14.04	14.79	17.44	14.08	14.73	17.43
16QAM	1	1	13.36	13.22	16.30	13.04	13.75	16.42	13.05	13.69	16.39
64QAM	1	1	12.78	12.75	15.78	12.55	13.26	15.93	12.57	13.24	15.93
256QAM	1	1	10.77	10.66	13.73	10.44	11.20	13.85	10.46	11.22	13.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.35	18.74	19.92	21.31	30
16QAM	16.30	16.42	18.87	18.99	30
64QAM	15.78	15.93	18.35	18.50	30
256QAM	13.73	13.87	16.30	16.44	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), MIMO, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 633334		
			3500.01 MHz		
			TX 1	TX 2	Total
QPSK	1	1	15.68	15.84	18.77
	1	0	14.56	14.69	17.64
	1	137	15.55	15.67	18.62
	1	271	15.52	15.64	18.59
	1	272	15.48	15.61	18.56
	135	0	14.44	14.60	17.53
	135	69	15.41	15.56	18.50
	135	138	14.38	14.54	17.47
	270	0	14.41	14.55	17.49
	273	0	14.32	14.52	17.43
16QAM	1	1	13.28	13.50	16.40
64QAM	1	1	12.77	12.97	15.88
256QAM	1	1	10.75	10.96	13.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.43	18.77	20.00	21.34	30
16QAM	16.40	16.40	18.97	18.97	30
64QAM	15.88	15.88	18.45	18.45	30
256QAM	13.87	13.87	16.44	16.44	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.18 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (SISO)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
BPSK	1	1	18.70	18.81	18.96
	1	0	15.35	15.33	15.49
QPSK	1	1	18.82	18.80	18.77
	1	0	15.44	15.38	15.47
	1	11	18.83	18.81	18.89
	1	22	18.87	18.86	18.96
	1	23	15.91	15.78	15.89
	12	0	18.00	17.79	17.96
	12	6	18.93	18.71	18.72
	12	12	17.81	17.90	17.83
	24	0	17.86	17.93	17.88
16QAM	1	0	15.34	15.42	15.51
64QAM	1	0	15.57	15.39	15.41
256QAM	1	0	14.16	14.04	14.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.33	18.96	17.79	21.42	30
QPSK	15.38	18.96	17.84	21.42	30
16QAM	15.34	15.51	17.80	17.97	30
64QAM	15.39	15.57	17.85	18.03	30
256QAM	14.04	14.18	16.50	16.64	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647168	CH 656000	CH 664832
			3707.52 MHz	3840 MHz	3972.48 MHz
BPSK	1	1	18.77	18.83	18.96
	1	0	15.41	15.35	15.51
QPSK	1	1	18.89	18.83	18.87
	1	0	15.48	15.38	15.50
	1	19	18.89	18.89	18.97
	1	36	18.91	18.90	19.04
	1	37	15.94	15.81	15.91
	18	0	18.01	17.87	18.05
	18	10	18.93	18.73	18.78
	18	20	17.82	17.92	17.89
	36	0	17.98	18.04	18.03
	38	0	15.94	16.00	16.07
16QAM	1	0	15.38	15.44	15.51
64QAM	1	0	15.58	15.41	15.49
256QAM	1	0	14.22	14.06	14.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.35	18.96	17.81	21.42	30
QPSK	15.38	19.04	17.84	21.50	30
16QAM	15.38	15.51	17.84	17.97	30
64QAM	15.41	15.58	17.87	18.04	30
256QAM	14.06	14.23	16.52	16.69	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647334	CH 656000	CH 664666
			3710.01 MHz	3840 MHz	3969.99 MHz
BPSK	1	1	18.77	18.84	18.99
	1	0	15.42	15.34	15.46
QPSK	1	1	18.95	18.82	18.95
	1	0	15.52	15.40	15.53
	1	26	18.90	18.85	18.94
	1	49	18.82	18.92	18.94
	1	50	15.89	15.82	15.88
	25	0	18.01	17.92	18.05
	25	13	18.87	18.75	18.84
	25	26	17.87	17.89	17.86
	50	0	18.05	18.04	18.05
	51	0	16.01	16.03	16.07
16QAM	1	0	15.45	15.45	15.59
64QAM	1	0	15.56	15.38	15.56
256QAM	1	0	14.22	14.08	14.28

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.34	18.99	17.80	21.45	30
QPSK	15.40	18.95	17.86	21.41	30
16QAM	15.45	15.59	17.91	18.05	30
64QAM	15.38	15.56	17.84	18.02	30
256QAM	14.08	14.28	16.54	16.74	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647668	CH 656000	CH 664332
			3715.02 MHz	3840 MHz	3964.98 MHz
BPSK	1	1	18.82	18.85	19.01
	1	0	15.51	15.42	15.53
QPSK	1	1	18.98	18.92	18.96
	1	0	15.56	15.45	15.57
	1	39	18.91	18.93	19.01
	1	76	18.91	18.96	19.04
	1	77	15.97	15.91	15.97
	36	0	18.06	17.92	18.07
	36	21	18.96	18.83	18.88
	36	42	17.90	17.95	17.95
	75	0	18.06	18.11	18.07
	78	0	16.02	16.06	16.17
16QAM	1	0	15.48	15.49	15.61
64QAM	1	0	15.64	15.47	15.59
256QAM	1	0	14.27	14.14	14.30

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.42	19.01	17.88	21.47	30
QPSK	15.45	19.04	17.91	21.50	30
16QAM	15.48	15.61	17.94	18.07	30
64QAM	15.47	15.64	17.93	18.10	30
256QAM	14.14	14.30	16.60	16.76	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 648000	CH 656000	CH 664000
			3720 MHz	3840 MHz	3960 MHz
BPSK	1	1	18.84	18.90	19.06
	1	0	15.57	15.37	15.57
QPSK	1	1	19.04	18.88	18.93
	1	0	15.54	15.49	15.65
	1	53	18.94	19.01	19.05
	1	104	18.90	18.92	19.03
	1	105	15.92	15.88	16.01
	50	0	18.00	17.87	18.05
	50	28	18.91	18.82	18.88
	50	56	17.94	17.87	17.87
	100	0	18.08	18.08	18.13
	106	0	16.09	16.04	16.20
16QAM	1	0	15.47	15.52	15.63
64QAM	1	0	15.60	15.54	15.64
256QAM	1	0	14.25	14.17	14.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.37	19.06	17.83	21.52	30
QPSK	15.49	19.05	17.95	21.51	30
16QAM	15.47	15.63	17.93	18.09	30
64QAM	15.54	15.64	18.00	18.10	30
256QAM	14.17	14.33	16.63	16.79	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 648334	CH 656000	CH 663666
			3725.01 MHz	3840 MHz	3954.99 MHz
BPSK	1	1	18.91	18.92	19.10
	1	0	15.60	15.46	15.61
QPSK	1	1	19.05	18.93	19.03
	1	0	15.57	15.50	15.67
	1	67	18.98	19.02	19.08
	1	131	18.95	18.99	19.04
	1	132	16.02	15.96	16.03
	64	0	18.09	17.96	18.11
	64	35	19.00	18.92	18.94
	64	69	17.99	17.95	17.96
	128	0	18.14	18.11	18.14
	133	0	16.12	16.10	16.21
16QAM	1	0	15.54	15.55	15.67
64QAM	1	0	15.65	15.55	15.68
256QAM	1	0	14.27	14.23	14.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.46	19.10	17.92	21.56	30
QPSK	15.50	19.08	17.96	21.54	30
16QAM	15.54	15.67	18.00	18.13	30
64QAM	15.55	15.68	18.01	18.14	30
256QAM	14.23	14.39	16.69	16.85	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 648668	CH 656000	CH 663332
			3730.02 MHz	3840 MHz	3949.98 MHz
BPSK	1	1	18.93	18.92	19.05
	1	0	15.59	15.54	15.62
QPSK	1	1	18.98	18.87	19.03
	1	0	15.59	15.53	15.59
	1	81	18.97	19.04	19.05
	1	160	19.00	19.00	19.09
	1	161	16.07	15.97	16.05
	81	0	18.10	17.97	18.11
	81	41	19.02	18.94	19.03
	81	81	17.95	17.96	18.04
	162	0	18.08	18.04	18.06
16QAM	1	0	15.62	15.58	15.65
64QAM	1	0	15.66	15.54	15.64
256QAM	1	0	14.28	14.29	14.30

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.54	19.05	18.00	21.51	30
QPSK	15.53	19.09	17.99	21.55	30
16QAM	15.58	15.65	18.04	18.11	30
64QAM	15.54	15.66	18.00	18.12	30
256QAM	14.28	14.30	16.74	16.76	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 649000	CH 656000	CH 663000
			3735 MHz	3840 MHz	3945 MHz
BPSK	1	1	18.96	18.96	19.12
	1	0	15.67	15.56	15.70
QPSK	1	1	19.08	18.94	19.10
	1	0	15.60	15.56	15.69
	1	95	19.07	19.07	19.13
	1	187	19.01	19.00	19.14
	1	188	16.07	16.05	16.09
	90	0	18.11	18.05	18.18
	90	50	19.08	18.95	19.03
	90	99	18.01	17.96	18.06
	180	0	18.18	18.16	18.24
	189	0	16.17	16.10	16.28
16QAM	1	0	15.63	15.63	15.73
64QAM	1	0	15.70	15.63	15.69
256QAM	1	0	14.36	14.30	14.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.56	19.12	18.02	21.58	30
QPSK	15.56	19.14	18.02	21.60	30
16QAM	15.63	15.73	18.09	18.19	30
64QAM	15.63	15.70	18.09	18.16	30
256QAM	14.30	14.39	16.76	16.85	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 649334	CH 656000	CH 662666
			3740.01 MHz	3840 MHz	3939.99 MHz
BPSK	1	1	18.97	18.95	19.04
	1	0	15.58	15.59	15.69
QPSK	1	1	19.09	18.96	19.16
	1	0	15.65	15.58	15.70
	1	109	19.07	19.09	19.14
	1	215	19.08	19.03	19.12
	1	216	16.13	16.04	16.17
	108	0	18.12	18.07	18.23
	108	55	19.06	18.90	19.11
	108	109	18.01	18.01	18.04
	216	0	18.13	18.14	18.20
	217	0	16.22	16.11	16.29
16QAM	1	0	15.65	15.56	15.70
64QAM	1	0	15.69	15.60	15.73
256QAM	1	0	14.39	14.27	14.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.58	19.04	18.04	21.50	30
QPSK	15.58	19.16	18.04	21.62	30
16QAM	15.56	15.70	18.02	18.16	30
64QAM	15.60	15.73	18.06	18.19	30
256QAM	14.27	14.39	16.73	16.85	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 649668	CH 656000	CH 662332
			3745.02 MHz	3840 MHz	3934.98 MHz
BPSK	1	1	18.96	18.88	19.09
	1	0	15.62	15.52	15.69
QPSK	1	1	19.03	18.94	19.10
	1	0	15.66	15.64	15.76
	1	123	19.05	19.09	19.08
	1	243	19.07	19.08	19.07
	1	244	16.10	16.07	16.11
	120	0	18.11	18.08	18.16
	120	63	19.03	18.89	19.08
	120	125	18.07	18.00	18.11
	243	0	18.18	18.19	18.18
	245	0	16.16	16.18	16.25
16QAM	1	0	15.60	15.59	15.72
64QAM	1	0	15.72	15.65	15.65
256QAM	1	0	14.37	14.30	14.43

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.52	19.09	17.98	21.55	30
QPSK	15.64	19.10	18.10	21.56	30
16QAM	15.59	15.72	18.05	18.18	30
64QAM	15.65	15.72	18.11	18.18	30
256QAM	14.30	14.43	16.76	16.89	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 650000	CH 656000	CH 662000
			3750 MHz	3840 MHz	3930 MHz
BPSK	1	1	19.05	18.97	19.12
	1	0	15.68	15.60	15.78
QPSK	1	1	19.10	18.98	19.16
	1	0	15.70	15.64	15.79
	1	137	19.14	19.11	19.14
	1	271	19.11	19.08	19.16
	1	272	16.17	16.11	16.19
	135	0	18.21	18.12	18.23
	135	69	19.08	18.99	19.12
	135	138	18.07	18.04	18.14
	270	0	18.20	18.20	18.27
	273	0	16.23	16.20	16.33
16QAM	1	0	15.67	15.63	15.74
64QAM	1	0	15.74	15.68	15.75
256QAM	1	0	14.42	14.37	14.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	15.60	19.12	18.06	21.58	30
QPSK	15.64	19.16	18.10	21.62	30
16QAM	15.63	15.74	18.09	18.20	30
64QAM	15.68	15.75	18.14	18.21	30
256QAM	14.37	14.47	16.83	16.93	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.19 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) (MIMO)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 647000			CH 656000			CH 665000		
			3705 MHz			3840 MHz			3975 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.64	15.34	18.50	15.92	15.49	18.72	15.87	15.63	18.76
	1	0	14.54	14.29	17.43	14.77	14.34	17.57	14.78	14.44	17.62
	1	11	15.61	15.18	18.41	15.72	15.29	18.52	15.79	15.44	18.63
	1	22	15.48	15.15	18.33	15.69	15.31	18.51	15.76	15.40	18.59
	1	23	15.47	15.13	18.31	15.73	15.29	18.53	15.68	15.34	18.52
	12	0	14.45	14.15	17.31	14.65	14.19	17.44	14.64	14.32	17.49
	12	6	15.45	15.04	18.26	15.66	15.24	18.47	15.70	15.34	18.53
	12	12	14.42	14.09	17.27	14.55	14.14	17.36	14.62	14.30	17.47
	24	0	14.44	14.10	17.28	14.61	14.24	17.44	14.62	14.27	17.46
16QAM	1	1	15.64	15.34	18.50	15.92	15.49	18.72	15.87	15.63	18.76
64QAM	1	1	14.54	14.29	17.43	14.77	14.34	17.57	14.78	14.44	17.62
256QAM	1	1	15.61	15.18	18.41	15.72	15.29	18.52	15.79	15.44	18.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.27	18.76	19.84	21.33	30
16QAM	16.17	16.41	18.74	18.98	30
64QAM	15.65	15.89	18.22	18.46	30
256QAM	13.67	13.84	16.24	16.41	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 647168			CH 656000			CH 664832		
			3707.52 MHz			3840 MHz			3972.48 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.63	15.40	18.53	15.86	15.45	18.67	15.89	15.55	18.73
	1	0	14.62	14.30	17.47	14.73	14.29	17.53	14.84	14.46	17.66
	1	19	15.57	15.26	18.43	15.78	15.33	18.57	15.78	15.42	18.61
	1	36	15.55	15.18	18.38	15.78	15.30	18.56	15.80	15.36	18.60
	1	37	15.49	15.17	18.34	15.74	15.24	18.51	15.75	15.39	18.58
	18	0	14.50	14.11	17.32	14.63	14.24	17.45	14.71	14.29	17.52
	18	10	15.38	15.10	18.25	15.62	15.20	18.43	15.65	15.27	18.47
	18	20	14.38	14.07	17.24	14.55	14.12	17.35	14.66	14.31	17.50
	36	0	14.45	14.12	17.30	14.58	14.15	17.38	14.71	14.34	17.54
	38	0	14.40	14.04	17.23	14.59	14.13	17.38	14.60	14.26	17.44
16QAM	1	1	13.32	13.03	16.19	13.54	13.10	16.34	13.50	13.18	16.35
64QAM	1	1	12.83	12.42	15.64	13.03	12.55	15.81	13.05	12.71	15.89
256QAM	1	1	10.85	10.47	13.67	10.93	10.56	13.76	11.00	10.67	13.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.23	18.73	19.80	21.30	30
16QAM	16.19	16.35	18.76	18.92	30
64QAM	15.64	15.89	18.21	18.46	30
256QAM	13.67	13.85	16.24	16.42	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 647334			CH 656000			CH 664666		
			3710.01 MHz			3840 MHz			3969.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.66	15.34	18.51	15.90	15.40	18.67	15.94	15.54	18.75
	1	0	14.61	14.30	17.47	14.81	14.33	17.59	14.83	14.49	17.67
	1	26	15.52	15.22	18.38	15.71	15.30	18.52	15.80	15.48	18.65
	1	49	15.52	15.23	18.39	15.73	15.28	18.52	15.71	15.45	18.59
	1	50	15.44	15.16	18.31	15.64	15.22	18.45	15.75	15.38	18.58
	25	0	14.42	14.13	17.29	14.69	14.22	17.47	14.65	14.36	17.52
	25	13	15.42	15.09	18.27	15.58	15.20	18.40	15.62	15.30	18.47
	25	26	14.37	14.06	17.23	14.54	14.16	17.36	14.68	14.35	17.53
	50	0	14.47	14.16	17.33	14.63	14.24	17.45	14.69	14.28	17.50
	51	0	14.37	14.02	17.21	14.59	14.12	17.37	14.56	14.23	17.41
16QAM	1	1	13.37	12.93	16.17	13.55	13.14	16.36	13.53	13.26	16.41
64QAM	1	1	12.77	12.50	15.65	12.98	12.61	15.81	13.02	12.71	15.88
256QAM	1	1	10.80	10.39	13.61	11.00	10.55	13.79	10.95	10.62	13.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.21	18.75	19.78	21.32	30
16QAM	16.17	16.41	18.74	18.98	30
64QAM	15.65	15.88	18.22	18.45	30
256QAM	13.61	13.80	16.18	16.37	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 647668			CH 656000			CH 664332		
			3715.02 MHz			3840 MHz			3964.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.65	15.37	18.52	15.83	15.41	18.64	15.89	15.59	18.75
	1	0	14.57	14.30	17.45	14.76	14.36	17.57	14.80	14.47	17.65
	1	39	15.54	15.20	18.38	15.70	15.30	18.51	15.80	15.42	18.62
	1	76	15.57	15.14	18.37	15.70	15.30	18.51	15.80	15.44	18.63
	1	77	15.46	15.12	18.30	15.73	15.28	18.52	15.74	15.34	18.55
	36	0	14.41	14.11	17.27	14.62	14.26	17.45	14.64	14.36	17.51
	36	21	15.37	15.04	18.22	15.60	15.24	18.43	15.63	15.29	18.47
	36	42	14.44	14.03	17.25	14.64	14.17	17.42	14.66	14.30	17.49
	75	0	14.42	14.08	17.26	14.59	14.23	17.42	14.68	14.32	17.51
	78	0	14.42	14.01	17.23	14.60	14.11	17.37	14.63	14.22	17.44
16QAM	1	1	13.41	12.94	16.19	13.55	13.07	16.33	13.53	13.25	16.40
64QAM	1	1	12.86	12.50	15.69	12.98	12.58	15.79	12.98	12.73	15.87
256QAM	1	1	10.76	10.48	13.63	11.01	10.60	13.82	10.99	10.63	13.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.23	18.75	19.80	21.32	30
16QAM	16.19	16.40	18.76	18.97	30
64QAM	15.69	15.87	18.26	18.44	30
256QAM	13.63	13.82	16.20	16.39	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 648000			CH 656000			CH 664000		
			3720 MHz			3840 MHz			3960 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.66	15.43	18.56	15.88	15.49	18.70	15.92	15.56	18.75
	1	0	14.58	14.26	17.43	14.80	14.27	17.55	14.76	14.44	17.61
	1	53	15.58	15.25	18.43	15.78	15.32	18.57	15.79	15.43	18.62
	1	104	15.56	15.18	18.38	15.72	15.28	18.52	15.71	15.44	18.59
	1	105	15.49	15.15	18.33	15.68	15.29	18.50	15.71	15.41	18.57
	50	0	14.41	14.08	17.26	14.69	14.27	17.50	14.67	14.35	17.52
	50	28	15.47	15.05	18.28	15.59	15.17	18.40	15.70	15.37	18.55
	50	56	14.43	14.03	17.24	14.59	14.20	17.41	14.67	14.35	17.52
	100	0	14.42	14.14	17.29	14.62	14.17	17.41	14.62	14.33	17.49
	106	0	14.41	13.99	17.22	14.58	14.10	17.36	14.56	14.26	17.42
16QAM	1	1	13.32	12.96	16.15	13.51	13.06	16.30	13.54	13.22	16.39
64QAM	1	1	12.82	12.43	15.64	12.96	12.60	15.79	13.02	12.68	15.86
256QAM	1	1	10.85	10.39	13.64	10.92	10.59	13.77	10.98	10.63	13.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.22	18.75	19.79	21.32	30
16QAM	16.15	16.39	18.72	18.96	30
64QAM	15.64	15.86	18.21	18.43	30
256QAM	13.64	13.82	16.21	16.39	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 648334			CH 656000			CH 663666		
			3725.01 MHz			3840 MHz			3954.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.64	15.41	18.54	15.92	15.47	18.71	15.91	15.55	18.74
	1	0	14.55	14.23	17.40	14.78	14.35	17.58	14.78	14.43	17.62
	1	67	15.61	15.18	18.41	15.78	15.32	18.57	15.80	15.47	18.65
	1	131	15.56	15.15	18.37	15.71	15.25	18.50	15.74	15.43	18.60
	1	132	15.54	15.21	18.39	15.67	15.21	18.46	15.73	15.36	18.56
	64	0	14.45	14.15	17.31	14.64	14.27	17.47	14.67	14.37	17.53
	64	35	15.44	15.13	18.30	15.56	15.26	18.42	15.70	15.35	18.54
	64	69	14.43	14.08	17.27	14.57	14.12	17.36	14.62	14.31	17.48
	128	0	14.42	14.13	17.29	14.66	14.22	17.46	14.63	14.31	17.48
	133	0	14.33	14.07	17.21	14.56	14.08	17.34	14.56	14.22	17.40
16QAM	1	1	13.33	13.00	16.18	13.48	13.11	16.31	13.59	13.18	16.40
64QAM	1	1	12.77	12.45	15.62	12.96	12.56	15.77	12.97	12.70	15.85
256QAM	1	1	10.75	10.48	13.63	10.98	10.57	13.79	10.98	10.71	13.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.21	18.74	19.78	21.31	30
16QAM	16.18	16.40	18.75	18.97	30
64QAM	15.62	15.85	18.19	18.42	30
256QAM	13.63	13.86	16.20	16.43	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 648668			CH 656000			CH 663332		
			3730.02 MHz			3840 MHz			3949.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.63	15.37	18.51	15.90	15.48	18.71	15.88	15.60	18.75
	1	0	14.53	14.20	17.38	14.77	14.36	17.58	14.75	14.44	17.61
	1	81	15.52	15.18	18.36	15.71	15.29	18.52	15.75	15.43	18.60
	1	160	15.48	15.17	18.34	15.76	15.24	18.52	15.74	15.41	18.59
	1	161	15.53	15.14	18.35	15.64	15.24	18.45	15.73	15.43	18.59
	81	0	14.48	14.08	17.29	14.70	14.20	17.47	14.69	14.38	17.55
	81	41	15.37	15.11	18.25	15.65	15.17	18.43	15.67	15.30	18.50
	81	81	14.37	14.05	17.22	14.59	14.12	17.37	14.68	14.32	17.51
	162	0	14.46	14.11	17.30	14.60	14.22	17.42	14.62	14.28	17.46
16QAM	1	1	13.39	12.98	16.20	13.49	13.13	16.32	13.51	13.22	16.38
64QAM	1	1	12.77	12.49	15.64	13.00	12.56	15.80	12.97	12.70	15.85
256QAM	1	1	10.80	10.42	13.62	10.95	10.53	13.76	10.92	10.71	13.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.22	18.75	19.79	21.32	30
16QAM	16.20	16.38	18.77	18.95	30
64QAM	15.64	15.85	18.21	18.42	30
256QAM	13.62	13.83	16.19	16.40	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 649000			CH 656000			CH 663000		
			3735 MHz			3840 MHz			3945 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.73	15.34	18.55	15.87	15.47	18.68	15.84	15.57	18.72
	1	0	14.53	14.29	17.42	14.73	14.34	17.55	14.76	14.49	17.64
	1	95	15.61	15.20	18.42	15.78	15.26	18.54	15.75	15.46	18.62
	1	187	15.49	15.18	18.35	15.73	15.31	18.54	15.77	15.40	18.60
	1	188	15.52	15.19	18.37	15.69	15.29	18.50	15.76	15.35	18.57
	90	0	14.50	14.16	17.34	14.67	14.26	17.48	14.72	14.38	17.56
	90	50	15.41	15.08	18.26	15.58	15.20	18.40	15.65	15.29	18.48
	90	99	14.46	14.03	17.26	14.56	14.12	17.36	14.59	14.26	17.44
	180	0	14.39	14.06	17.24	14.65	14.18	17.43	14.63	14.34	17.50
	189	0	14.40	13.99	17.21	14.50	14.12	17.32	14.55	14.29	17.43
16QAM	1	1	13.39	12.95	16.19	13.57	13.10	16.35	13.51	13.19	16.36
64QAM	1	1	12.86	12.52	15.70	13.01	12.54	15.79	13.06	12.75	15.92
256QAM	1	1	10.83	10.40	13.63	10.99	10.58	13.80	10.96	10.67	13.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.21	18.72	19.78	21.29	30
16QAM	16.19	16.36	18.76	18.93	30
64QAM	15.70	15.92	18.27	18.49	30
256QAM	13.63	13.83	16.20	16.40	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 649334			CH 656000			CH 662666		
			3740.01 MHz			3840 MHz			3939.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.65	15.35	18.51	15.84	15.48	18.67	15.87	15.63	18.76
	1	0	14.59	14.27	17.44	14.73	14.35	17.55	14.82	14.52	17.68
	1	109	15.54	15.19	18.38	15.69	15.32	18.52	15.82	15.42	18.63
	1	215	15.48	15.21	18.36	15.74	15.32	18.55	15.76	15.45	18.62
	1	216	15.47	15.19	18.34	15.64	15.22	18.45	15.75	15.41	18.59
	108	0	14.43	14.10	17.28	14.61	14.22	17.43	14.74	14.34	17.55
	108	55	15.41	15.09	18.26	15.66	15.18	18.44	15.65	15.31	18.49
	108	109	14.46	14.08	17.28	14.56	14.20	17.39	14.66	14.27	17.48
	216	0	14.38	14.14	17.27	14.57	14.16	17.38	14.63	14.37	17.51
	217	0	14.39	14.01	17.21	14.55	14.12	17.35	14.60	14.29	17.46
16QAM	1	1	13.33	13.03	16.19	13.48	13.08	16.29	13.56	13.22	16.40
64QAM	1	1	12.82	12.43	15.64	13.03	12.62	15.84	12.97	12.73	15.86
256QAM	1	1	10.79	10.48	13.65	10.94	10.52	13.75	11.01	10.66	13.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.21	18.76	19.78	21.33	30
16QAM	16.19	16.40	18.76	18.97	30
64QAM	15.64	15.86	18.21	18.43	30
256QAM	13.65	13.85	16.22	16.42	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 649668			CH 656000			CH 662332		
			3745.02 MHz			3840 MHz			3934.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.71	15.34	18.54	15.88	15.44	18.68	15.92	15.53	18.74
	1	0	14.54	14.26	17.41	14.73	14.29	17.53	14.84	14.44	17.65
	1	123	15.59	15.25	18.43	15.78	15.32	18.57	15.77	15.39	18.59
	1	243	15.48	15.19	18.35	15.75	15.32	18.55	15.79	15.40	18.61
	1	244	15.47	15.15	18.32	15.65	15.22	18.45	15.72	15.40	18.57
	120	0	14.50	14.12	17.32	14.64	14.25	17.46	14.68	14.29	17.50
	120	63	15.47	15.08	18.29	15.65	15.18	18.43	15.66	15.31	18.50
	120	125	14.42	14.04	17.24	14.60	14.18	17.41	14.66	14.29	17.49
	243	0	14.42	14.15	17.30	14.57	14.18	17.39	14.67	14.29	17.49
	245	0	14.38	14.04	17.22	14.59	14.13	17.38	14.53	14.23	17.39
16QAM	1	1	13.41	13.03	16.23	13.56	13.08	16.34	13.57	13.18	16.39
64QAM	1	1	12.86	12.50	15.69	12.94	12.55	15.76	13.04	12.69	15.88
256QAM	1	1	10.76	10.40	13.59	11.00	10.55	13.79	10.99	10.63	13.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.22	18.74	19.79	21.31	30
16QAM	16.23	16.39	18.80	18.96	30
64QAM	15.69	15.88	18.26	18.45	30
256QAM	13.59	13.82	16.16	16.39	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), MIMO, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 650000			CH 656000			CH 662000		
			3750 MHz			3840 MHz			3930 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
QPSK	1	1	15.73	15.43	18.59	15.92	15.50	18.73	15.94	15.63	18.80
	1	0	14.63	14.30	17.48	14.82	14.36	17.61	14.85	14.52	17.70
	1	137	15.62	15.27	18.46	15.79	15.34	18.58	15.82	15.49	18.67
	1	271	15.58	15.23	18.42	15.78	15.32	18.57	15.81	15.46	18.65
	1	272	15.54	15.21	18.39	15.74	15.29	18.53	15.78	15.43	18.62
	135	0	14.51	14.18	17.36	14.70	14.28	17.51	14.74	14.39	17.58
	135	69	15.47	15.14	18.32	15.66	15.26	18.47	15.71	15.37	18.55
	135	138	14.46	14.13	17.31	14.64	14.22	17.45	14.69	14.35	17.53
	270	0	14.48	14.16	17.33	14.67	14.25	17.48	14.72	14.37	17.56
	273	0	14.43	14.07	17.26	14.60	14.17	17.40	14.63	14.31	17.48
16QAM	1	1	13.41	13.03	16.23	13.57	13.15	16.38	13.59	13.27	16.44
64QAM	1	1	12.87	12.52	15.71	13.04	12.64	15.85	13.06	12.75	15.92
256QAM	1	1	10.85	10.49	13.68	11.02	10.61	13.83	11.02	10.72	13.88

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	17.26	18.80	19.83	21.37	30
16QAM	16.23	16.44	18.80	19.01	30
64QAM	15.71	15.92	18.28	18.49	30
256QAM	13.68	13.88	16.25	16.45	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.2 Radiated Spurious Emissions below 1GHz

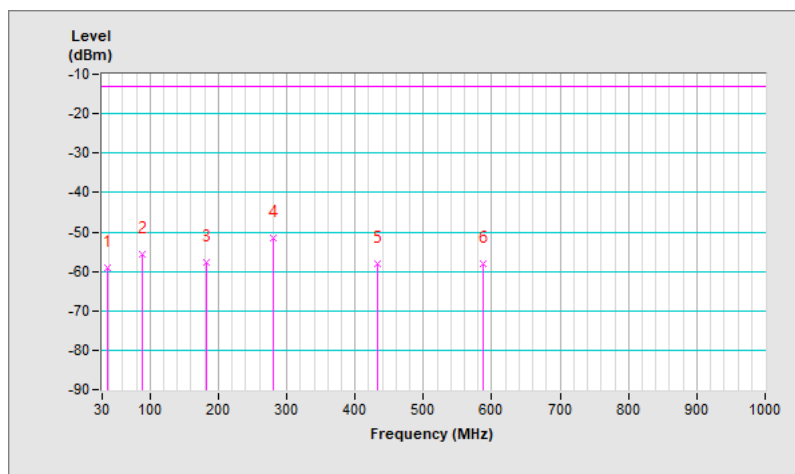
7.2.1 NR n2

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	-59.05	-13.00	-46.05	1.50 H	164	49.86	-108.91
2	88.20	-55.57	-13.00	-42.57	1.50 H	263	58.60	-114.17
3	183.26	-57.72	-13.00	-44.72	1.50 H	128	52.54	-110.26
4	281.23	-51.67	-13.00	-38.67	1.00 H	88	56.33	-108.00
5	432.55	-58.12	-13.00	-45.12	1.50 H	164	45.94	-104.06
6	586.78	-58.16	-13.00	-45.16	1.00 H	35	42.54	-100.70

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

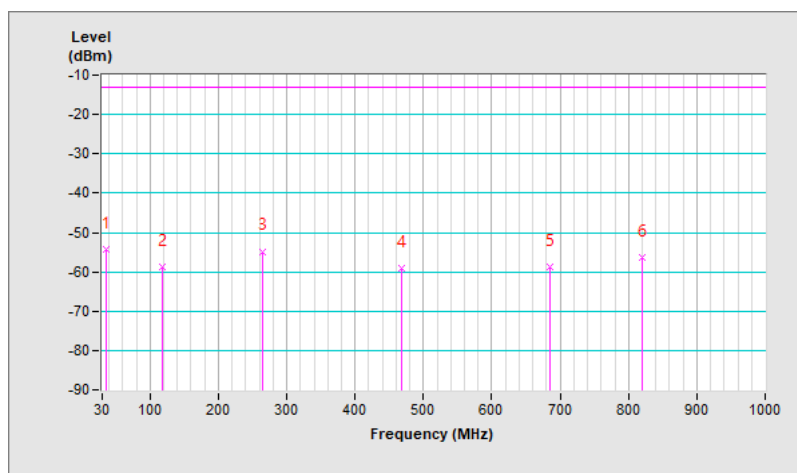


RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	-54.27	-13.00	-41.27	1.00 V	352	55.09	-109.36
2	118.27	-58.80	-13.00	-45.80	1.00 V	296	51.74	-110.54
3	263.77	-54.80	-13.00	-41.80	1.49 V	171	54.05	-108.85
4	467.47	-59.17	-13.00	-46.17	1.00 V	165	44.04	-103.21
5	684.75	-58.80	-13.00	-45.80	1.49 V	169	40.16	-98.96
6	820.55	-56.38	-13.00	-43.38	1.00 V	145	40.81	-97.19

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



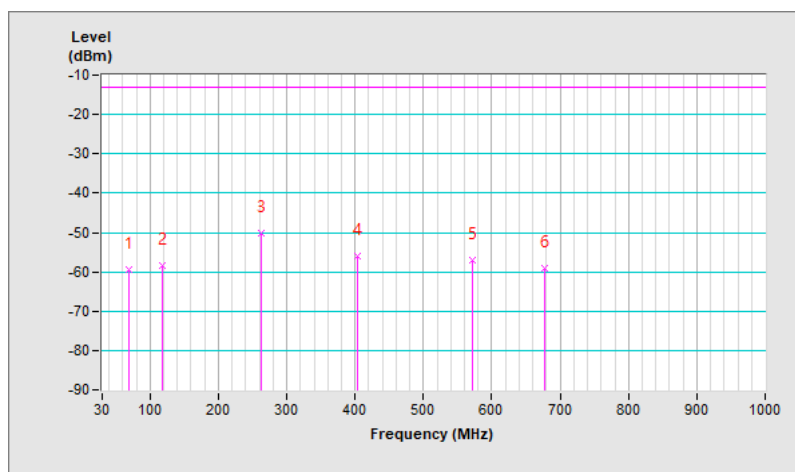
7.2.2 NR n5

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	69.77	-59.32	-13.00	-46.32	1.00 H	10	51.25	-110.57
2	117.30	-58.39	-13.00	-45.39	1.49 H	279	52.20	-110.59
3	261.83	-50.14	-13.00	-37.14	1.00 H	239	58.79	-108.93
4	404.42	-55.99	-13.00	-42.99	1.00 H	335	49.08	-105.07
5	571.26	-57.03	-13.00	-44.03	1.49 H	36	44.21	-101.24
6	677.96	-59.21	-13.00	-46.21	1.00 H	174	40.17	-99.38

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

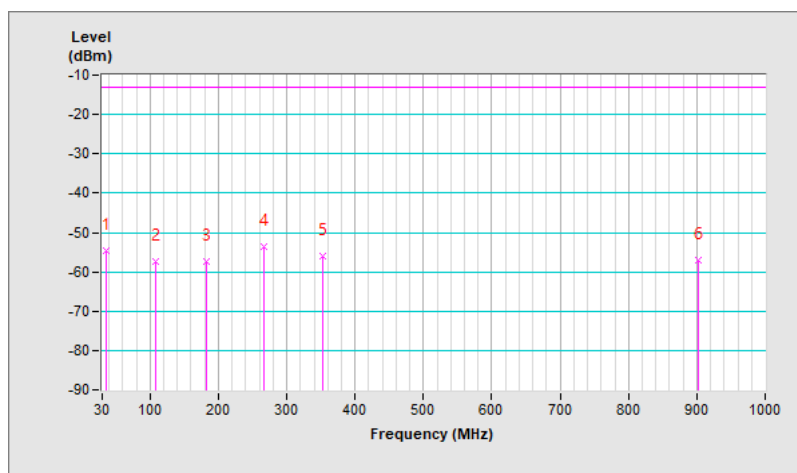


RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	-54.71	-13.00	-41.71	1.50 V	138	54.65	-109.36
2	107.60	-57.28	-13.00	-44.28	1.01 V	216	54.29	-111.57
3	182.29	-57.55	-13.00	-44.55	1.01 V	256	52.63	-110.18
4	265.71	-53.72	-13.00	-40.72	1.50 V	345	55.05	-108.77
5	353.01	-55.89	-13.00	-42.89	1.01 V	83	50.51	-106.40
6	902.03	-56.96	-13.00	-43.96	1.50 V	269	38.98	-95.94

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



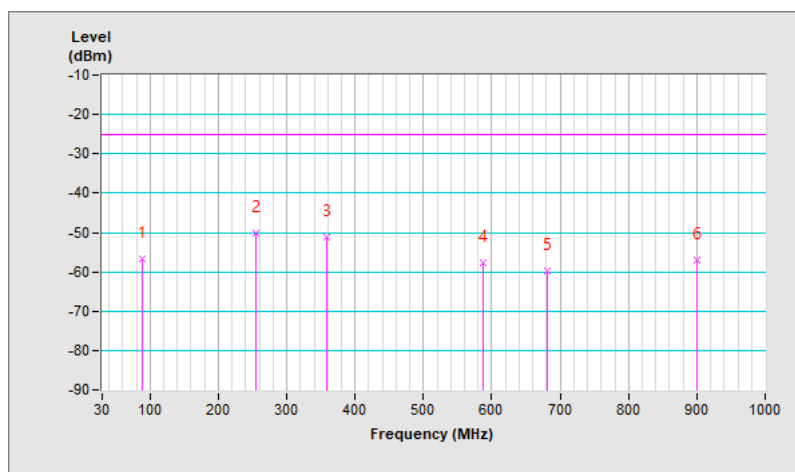
7.2.3 NR n7

RF Mode	NR n7 Channel Bandwidth: 40MHz	Channel	CH 507000 : 2535 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	88.20	-56.64	-25.00	-31.64	2.00 H	256	57.53	-114.17
2	255.04	-50.18	-25.00	-25.18	1.01 H	227	59.02	-109.20
3	358.83	-51.19	-25.00	-26.19	1.01 H	9	55.13	-106.32
4	586.78	-57.68	-25.00	-32.68	1.50 H	288	43.02	-100.70
5	681.84	-59.91	-25.00	-34.91	1.01 H	227	39.29	-99.20
6	901.06	-57.14	-25.00	-32.14	1.50 H	250	38.82	-95.96

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

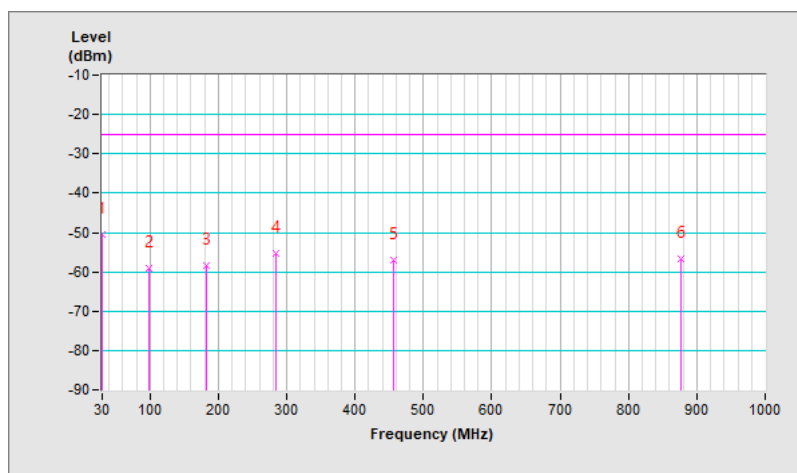


RF Mode	NR n7 Channel Bandwidth: 40MHz	Channel	CH 507000 : 2535 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-50.53	-25.00	-25.53	1.49 V	114	58.96	-109.49
2	97.90	-59.26	-25.00	-34.26	1.00 V	158	53.96	-113.22
3	182.29	-58.30	-25.00	-33.30	1.00 V	209	51.88	-110.18
4	285.11	-55.20	-25.00	-30.20	1.50 V	0	52.68	-107.88
5	456.80	-57.18	-25.00	-32.18	1.49 V	8	46.14	-103.32
6	875.84	-56.67	-25.00	-31.67	1.49 V	103	39.78	-96.45

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



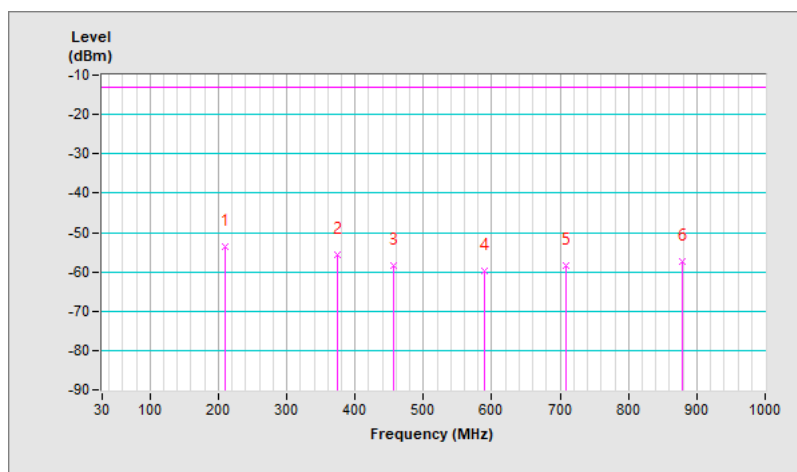
7.2.4 NR n12

RF Mode	NR n12 Channel Bandwidth: 15MHz	Channel	CH 141300 : 706.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	209.45	-53.47	-13.00	-40.47	2.00 H	239	58.04	-111.51
2	374.35	-55.53	-13.00	-42.53	1.00 H	11	50.22	-105.75
3	455.83	-58.49	-13.00	-45.49	1.00 H	78	44.86	-103.35
4	588.72	-59.90	-13.00	-46.90	1.49 H	257	40.75	-100.65
5	709.00	-58.57	-13.00	-45.57	1.00 H	152	40.27	-98.84
6	879.72	-57.28	-13.00	-44.28	1.49 H	4	39.11	-96.39

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

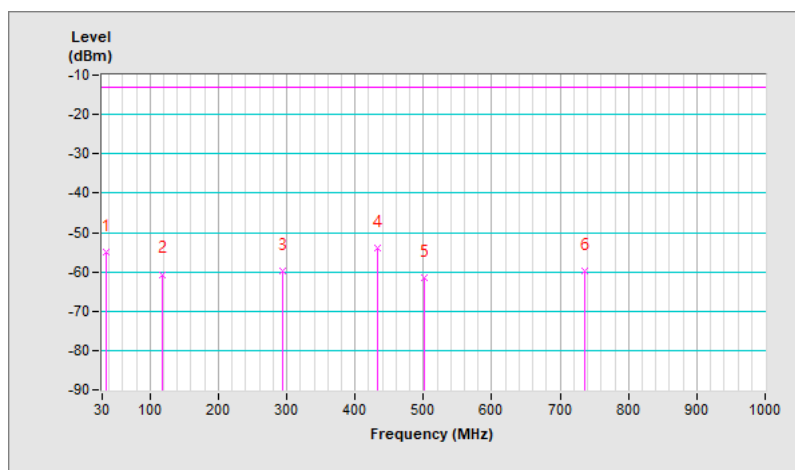


RF Mode	NR n12 Channel Bandwidth: 15MHz	Channel	CH 141300 : 706.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-54.84	-13.00	-41.84	2.00 V	103	54.26	-109.10
2	117.30	-60.64	-13.00	-47.64	1.49 V	159	49.95	-110.59
3	294.81	-59.89	-13.00	-46.89	1.49 V	50	47.80	-107.69
4	433.52	-53.80	-13.00	-40.80	1.00 V	5	50.22	-104.02
5	501.42	-61.50	-13.00	-48.50	1.49 V	16	41.38	-102.88
6	736.16	-59.77	-13.00	-46.77	1.49 V	291	38.65	-98.42

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



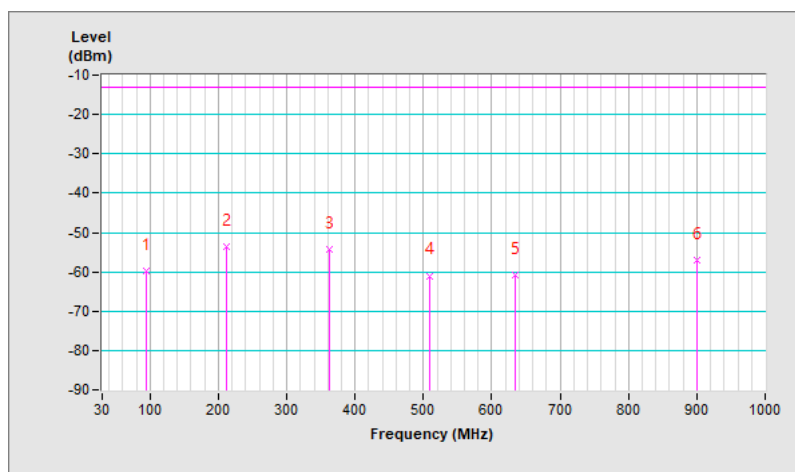
7.2.5 NR n13

RF Mode	NR n13 Channel Bandwidth: 10MHz	Channel	CH 156400 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	94.02	-59.73	-13.00	-46.73	1.49 H	231	54.11	-113.84
2	211.39	-53.75	-13.00	-40.75	1.00 H	236	57.85	-111.60
3	362.71	-54.23	-13.00	-41.23	1.00 H	2	52.06	-106.29
4	509.18	-60.98	-13.00	-47.98	1.49 H	215	41.84	-102.82
5	633.34	-60.86	-13.00	-47.86	2.00 H	306	39.13	-99.99
6	900.09	-56.91	-13.00	-43.91	1.49 H	246	39.27	-96.18

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

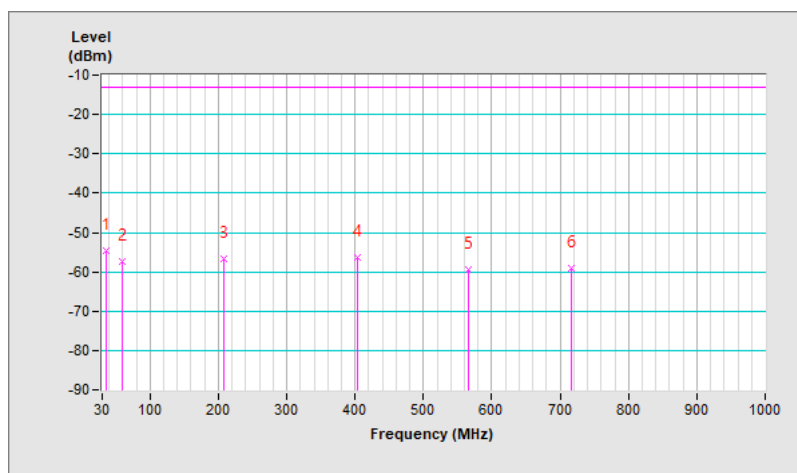


RF Mode	NR n13 Channel Bandwidth: 10MHz	Channel	CH 156400 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	-54.73	-13.00	-41.73	2.00 V	15	54.66	-109.39
2	59.10	-57.31	-13.00	-44.31	1.01 V	168	51.64	-108.95
3	208.48	-56.70	-13.00	-43.70	1.01 V	306	54.89	-111.59
4	404.42	-56.28	-13.00	-43.28	1.50 V	157	48.92	-105.20
5	566.41	-59.54	-13.00	-46.54	1.01 V	282	42.02	-101.56
6	715.79	-59.26	-13.00	-46.26	1.50 V	286	39.77	-99.03

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



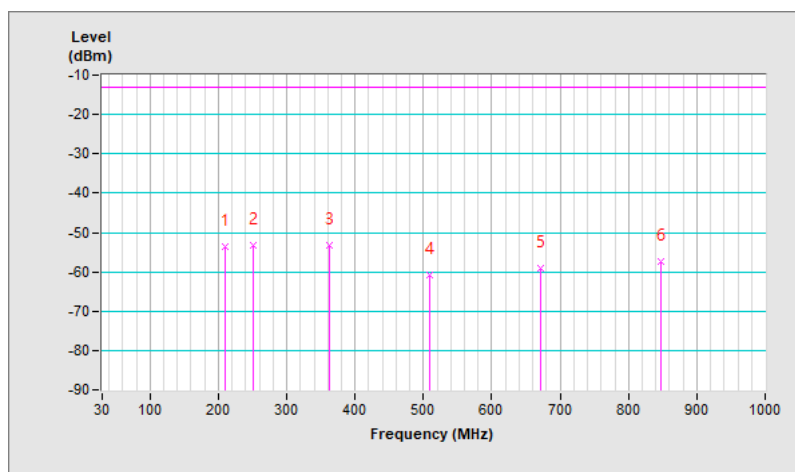
7.2.6 NR n14

RF Mode	NR n14 Channel Bandwidth: 10MHz	Channel	CH 158600 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	210.42	-53.60	-13.00	-40.60	2.00 H	242	57.98	-111.58
2	251.16	-53.32	-13.00	-40.32	1.01 H	273	56.09	-109.41
3	362.71	-53.20	-13.00	-40.20	1.01 H	1	53.09	-106.29
4	508.21	-60.69	-13.00	-47.69	1.50 H	218	42.16	-102.85
5	671.17	-59.04	-13.00	-46.04	1.50 H	182	40.56	-99.60
6	846.74	-57.52	-13.00	-44.52	1.50 H	97	39.68	-97.20

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

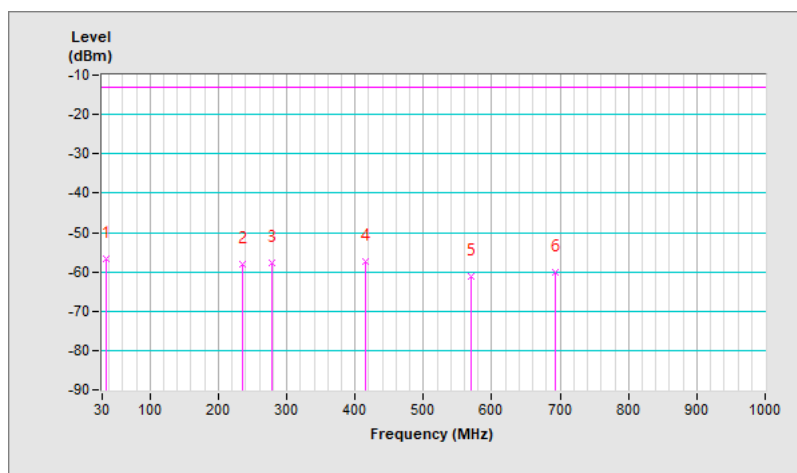


RF Mode	NR n14 Channel Bandwidth: 10MHz	Channel	CH 158600 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-56.66	-13.00	-43.66	1.00 V	5	52.47	-109.13
2	234.67	-57.92	-13.00	-44.92	1.49 V	29	52.20	-110.12
3	279.29	-57.76	-13.00	-44.76	2.00 V	62	50.43	-108.19
4	415.09	-57.45	-13.00	-44.45	1.49 V	26	47.50	-104.95
5	569.32	-61.13	-13.00	-48.13	2.00 V	32	40.33	-101.46
6	692.51	-59.98	-13.00	-46.98	1.49 V	46	39.11	-99.09

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



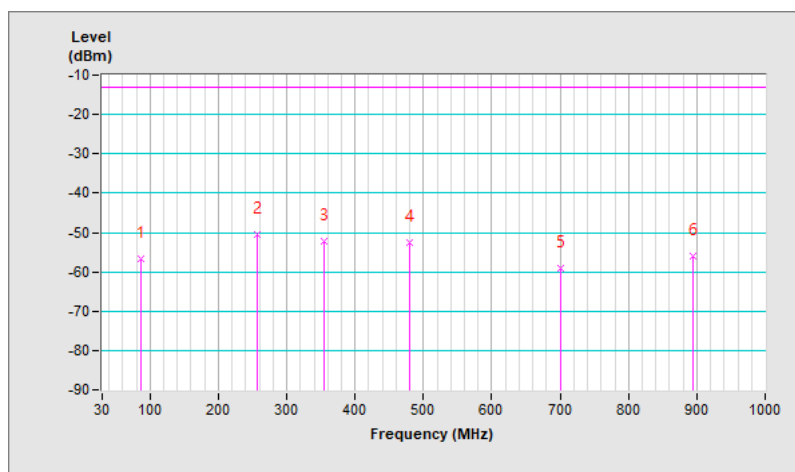
7.2.7 NR n25

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 374000 : 1870 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	87.23	-56.85	-13.00	-43.85	1.49 H	295	57.33	-114.18
2	256.01	-50.37	-13.00	-37.37	2.00 H	249	58.79	-109.16
3	354.95	-52.20	-13.00	-39.20	1.00 H	34	54.18	-106.38
4	479.11	-52.67	-13.00	-39.67	1.49 H	18	50.44	-103.11
5	700.27	-59.01	-13.00	-46.01	1.49 H	158	39.89	-98.90
6	894.27	-55.95	-13.00	-42.95	1.49 H	164	40.13	-96.08

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

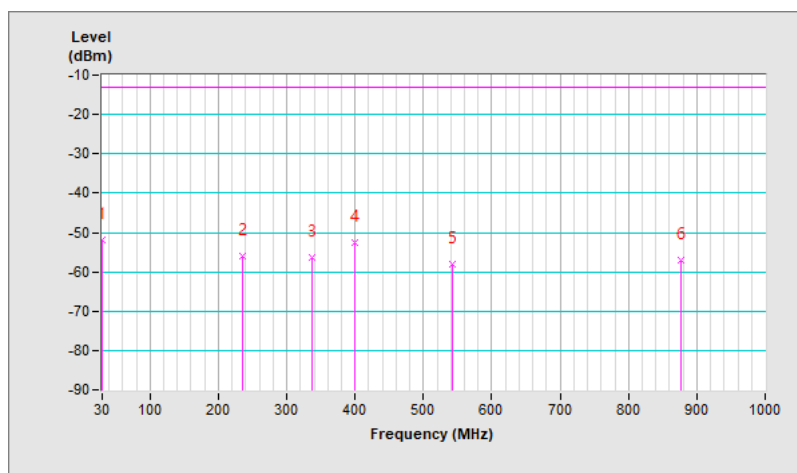


RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 374000 : 1870 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-51.96	-13.00	-38.96	2.00 V	153	57.53	-109.49
2	234.67	-55.90	-13.00	-42.90	1.01 V	319	54.11	-110.01
3	336.52	-56.29	-13.00	-43.29	1.50 V	128	50.20	-106.49
4	399.57	-52.42	-13.00	-39.42	1.01 V	14	52.74	-105.16
5	542.16	-58.20	-13.00	-45.20	1.01 V	33	43.86	-102.06
6	875.84	-56.95	-13.00	-43.95	1.50 V	330	39.50	-96.45

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



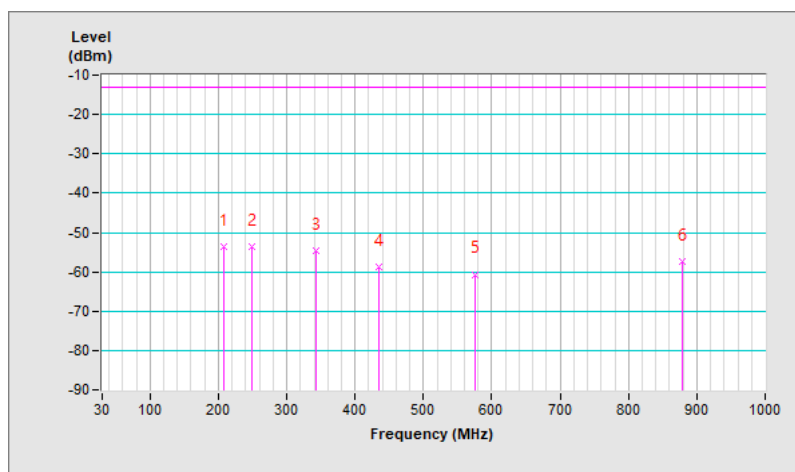
7.2.8 NR n26 (814 MHz ~ 824 MHz)

RF Mode	NR n26 Channel Bandwidth: 10MHz	Channel	CH 163800 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	208.48	-53.50	-13.00	-40.50	2.00 H	236	58.01	-111.51
2	249.22	-53.72	-13.00	-40.72	1.00 H	279	55.62	-109.34
3	342.34	-54.64	-13.00	-41.64	1.00 H	7	51.86	-106.50
4	435.46	-58.66	-13.00	-45.66	1.00 H	130	45.26	-103.92
5	576.11	-60.64	-13.00	-47.64	1.49 H	137	40.43	-101.07
6	878.75	-57.45	-13.00	-44.45	1.49 H	104	38.95	-96.40

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

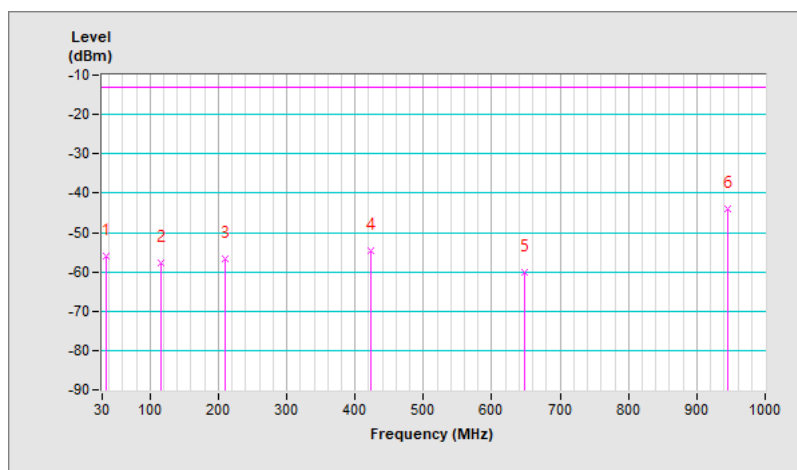


RF Mode	NR n26 Channel Bandwidth: 10MHz	Channel	CH 163800 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.79	-55.87	-13.00	-42.87	2.00 V	118	53.23	-109.10
2	116.33	-57.62	-13.00	-44.62	1.01 V	255	53.13	-110.75
3	210.42	-56.84	-13.00	-43.84	1.01 V	273	54.66	-111.50
4	422.85	-54.53	-13.00	-41.53	1.01 V	63	49.98	-104.51
5	647.89	-60.24	-13.00	-47.24	1.50 V	199	39.40	-99.64
6	944.71	-44.04	-13.00	-31.04	1.50 V	115	51.22	-95.26

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



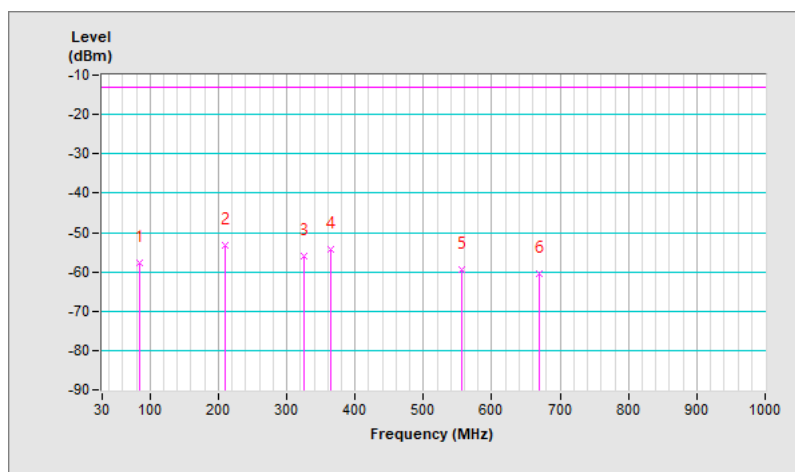
7.2.9 NR n26 (824 MHz ~ 849 MHz)

RF Mode	NR n26 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	84.32	-57.75	-13.00	-44.75	1.50 H	2	56.23	-113.98
2	210.42	-53.14	-13.00	-40.14	2.00 H	232	58.36	-111.50
3	324.88	-56.09	-13.00	-43.09	1.01 H	17	50.56	-106.65
4	364.65	-54.19	-13.00	-41.19	1.01 H	9	51.91	-106.10
5	555.74	-59.54	-13.00	-46.54	1.50 H	51	42.21	-101.75
6	669.23	-60.31	-13.00	-47.31	1.01 H	287	39.13	-99.44

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

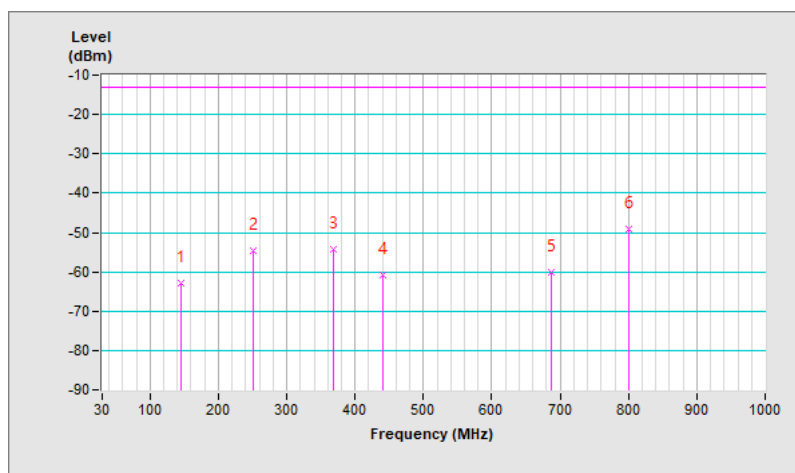


RF Mode	NR n26 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	145.43	-62.75	-13.00	-49.75	1.49 V	157	45.49	-108.24
2	250.19	-54.53	-13.00	-41.53	1.99 V	115	54.77	-109.30
3	367.56	-54.41	-13.00	-41.41	1.00 V	6	51.56	-105.97
4	441.28	-60.73	-13.00	-47.73	1.00 V	324	42.96	-103.69
5	687.66	-60.15	-13.00	-47.15	1.00 V	145	38.80	-98.95
6	800.18	-49.01	-13.00	-36.01	1.00 V	276	48.27	-97.28

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



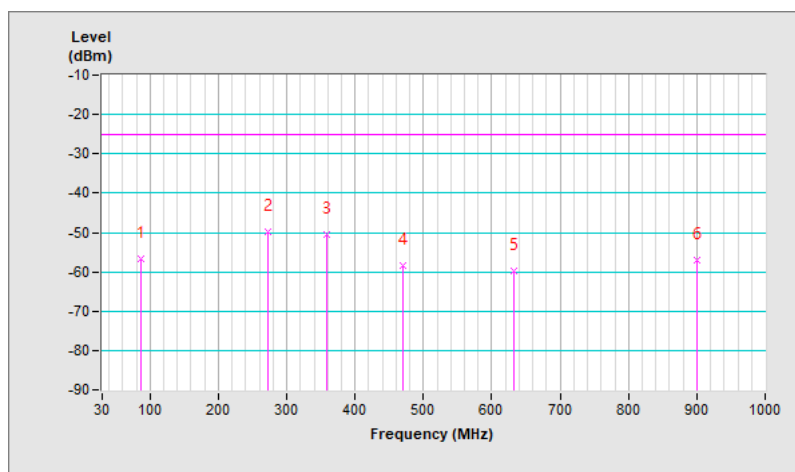
7.2.10 NR n38 (SISO)

RF Mode	NR n38 Channel Bandwidth: 40MHz	Channel	CH 518000 : 2590 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	86.26	-56.72	-25.00	-31.72	1.49 H	261	57.48	-114.20
2	271.53	-49.77	-25.00	-24.77	1.00 H	86	58.68	-108.45
3	357.86	-50.61	-25.00	-25.61	2.00 H	23	55.72	-106.33
4	470.38	-58.29	-25.00	-33.29	1.49 H	245	44.89	-103.18
5	632.37	-59.67	-25.00	-34.67	1.49 H	302	40.22	-99.89
6	901.06	-56.93	-25.00	-31.93	1.00 H	290	39.03	-95.96

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

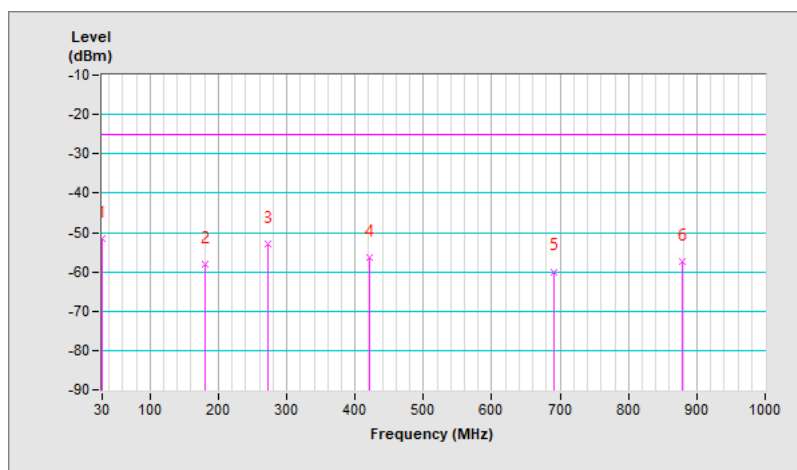


RF Mode	NR n38 Channel Bandwidth: 40MHz	Channel	CH 518000 : 2590 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-51.49	-25.00	-26.49	2.00 V	228	58.00	-109.49
2	181.32	-58.11	-25.00	-33.11	1.01 V	287	51.94	-110.05
3	271.53	-52.80	-25.00	-27.80	1.50 V	3	55.65	-108.45
4	421.88	-56.29	-25.00	-31.29	1.01 V	166	48.26	-104.55
5	691.54	-59.95	-25.00	-34.95	1.50 V	314	39.00	-98.95
6	879.72	-57.23	-25.00	-32.23	1.01 V	177	39.16	-96.39

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



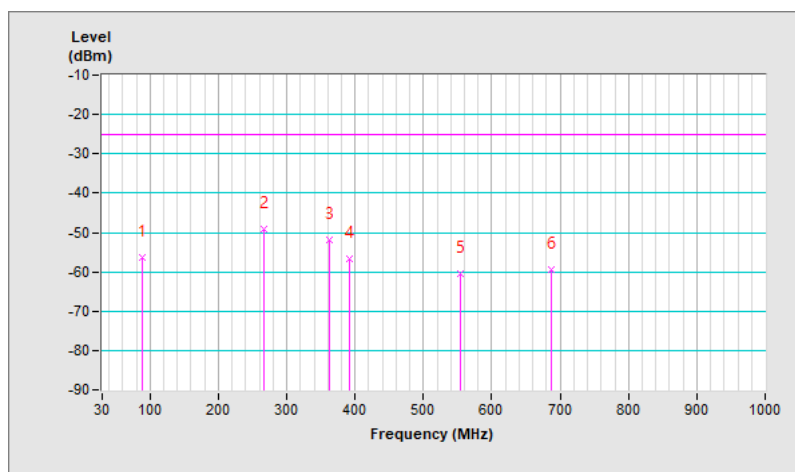
7.2.11 NR n41 (SISO)

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	88.20	-56.19	-25.00	-31.19	1.50 H	282	57.98	-114.17
2	266.68	-49.12	-25.00	-24.12	1.01 H	266	59.59	-108.71
3	361.74	-51.92	-25.00	-26.92	1.01 H	14	54.31	-106.23
4	390.84	-56.84	-25.00	-31.84	1.50 H	161	48.50	-105.34
5	553.80	-60.50	-25.00	-35.50	2.00 H	43	41.30	-101.80
6	687.66	-59.50	-25.00	-34.50	1.50 H	190	39.45	-98.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

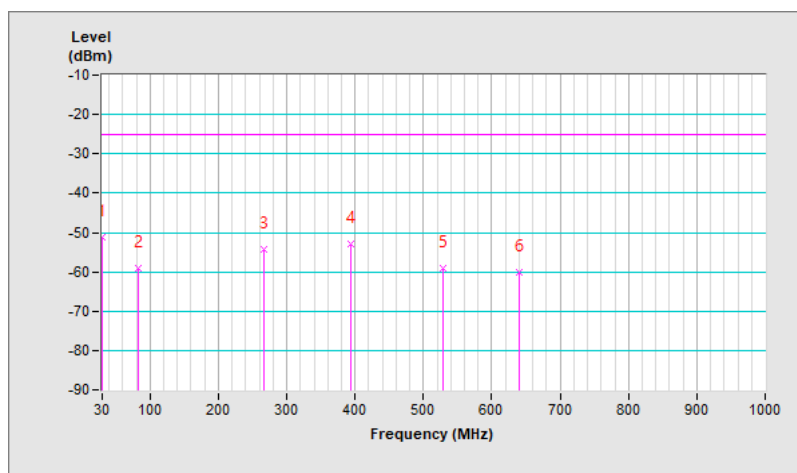


RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-51.28	-25.00	-26.28	2.00 V	153	58.21	-109.49
2	83.35	-59.03	-25.00	-34.03	1.00 V	21	54.84	-113.87
3	265.71	-54.21	-25.00	-29.21	1.49 V	159	54.56	-108.77
4	393.75	-52.96	-25.00	-27.96	1.00 V	151	52.30	-105.26
5	528.58	-59.03	-25.00	-34.03	1.00 V	9	43.24	-102.27
6	641.10	-60.29	-25.00	-35.29	1.00 V	205	39.39	-99.68

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



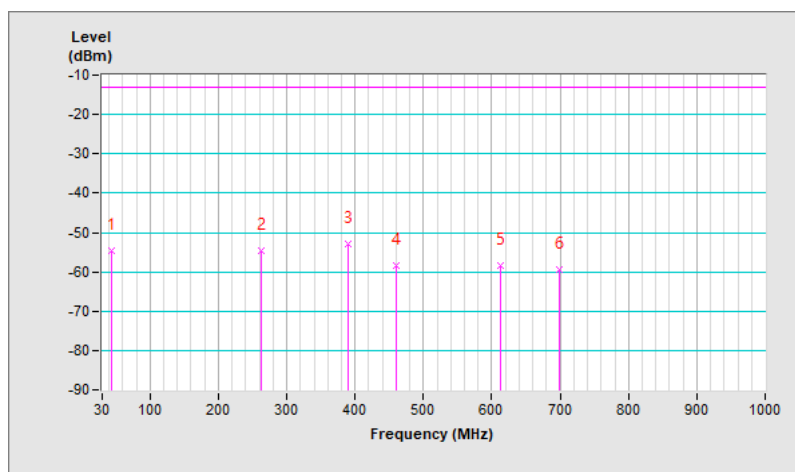
7.2.12 NR n66

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.55	-54.65	-13.00	-41.65	1.00 H	12	53.80	-108.45
2	262.80	-54.52	-13.00	-41.52	1.49 H	167	54.37	-108.89
3	389.87	-52.82	-13.00	-39.82	1.00 H	215	52.54	-105.36
4	460.68	-58.37	-13.00	-45.37	1.00 H	160	44.90	-103.27
5	612.00	-58.47	-13.00	-45.47	2.00 H	326	41.70	-100.17
6	698.33	-59.55	-13.00	-46.55	2.00 H	348	39.35	-98.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

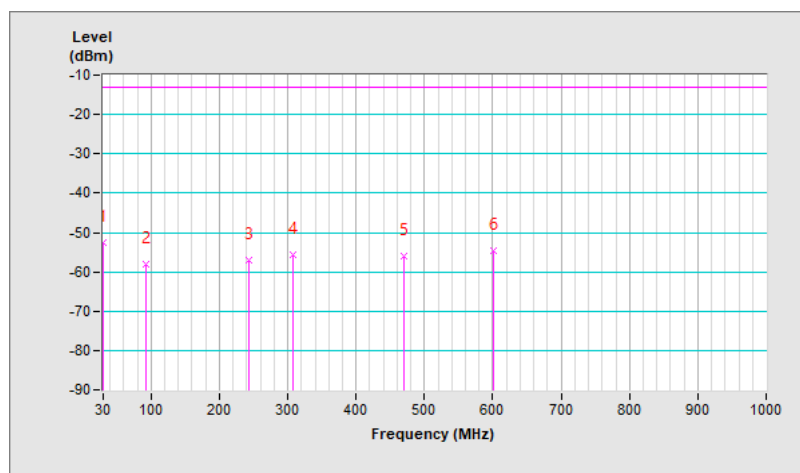


RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-52.44	-13.00	-39.44	2.00 V	185	57.05	-109.49
2	93.05	-58.18	-13.00	-45.18	1.01 V	152	55.64	-113.82
3	243.40	-56.92	-13.00	-43.92	1.01 V	297	52.61	-109.53
4	307.42	-55.70	-13.00	-42.70	1.50 V	135	51.55	-107.25
5	470.38	-56.16	-13.00	-43.16	1.01 V	153	47.02	-103.18
6	601.33	-54.64	-13.00	-41.64	1.01 V	23	45.60	-100.24

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



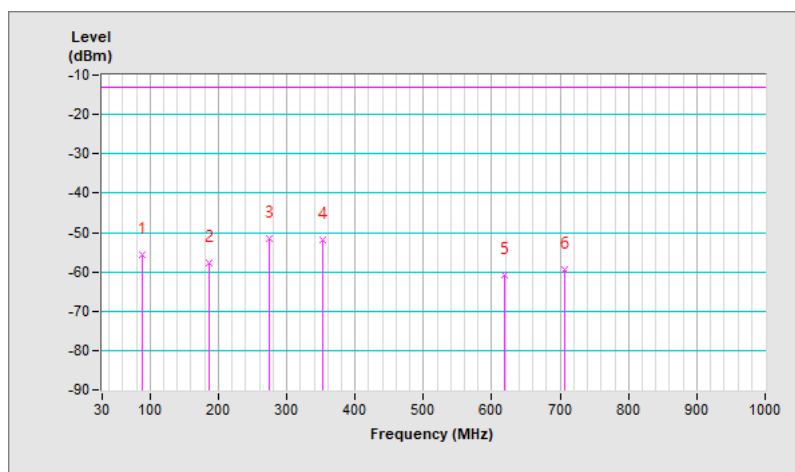
7.2.13 NR n71

RF Mode	NR n71 Channel Bandwidth: 30MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.17	-55.55	-13.00	-42.55	2.00 H	273	58.64	-114.19
2	187.14	-57.83	-13.00	-44.83	1.50 H	279	52.95	-110.78
3	274.44	-51.45	-13.00	-38.45	1.01 H	237	56.84	-108.29
4	353.01	-52.05	-13.00	-39.05	2.00 H	37	54.35	-106.40
5	618.79	-60.71	-13.00	-47.71	1.01 H	237	39.39	-100.10
6	706.09	-59.54	-13.00	-46.54	1.50 H	3	39.29	-98.83

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

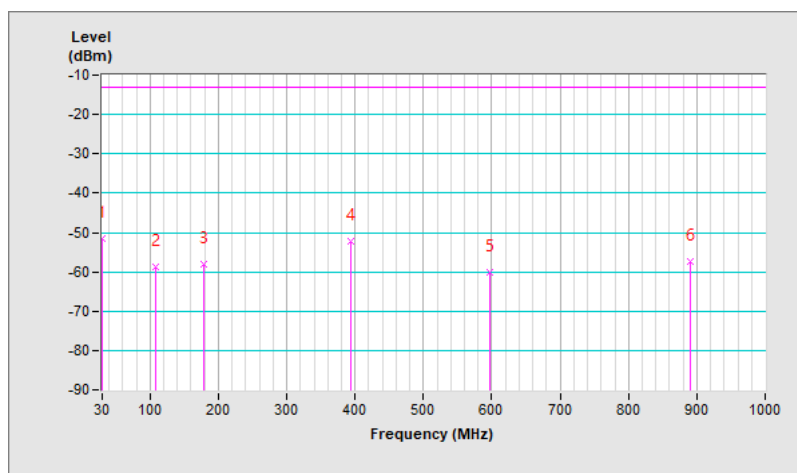


RF Mode	NR n71 Channel Bandwidth: 30MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-51.70	-13.00	-38.70	2.00 V	194	57.79	-109.49
2	107.60	-58.84	-13.00	-45.84	1.00 V	212	52.73	-111.57
3	179.38	-58.01	-13.00	-45.01	2.00 V	293	51.77	-109.78
4	393.75	-52.32	-13.00	-39.32	1.00 V	163	52.94	-105.26
5	597.45	-60.17	-13.00	-47.17	1.49 V	52	40.16	-100.33
6	890.39	-57.31	-13.00	-44.31	1.49 V	241	38.82	-96.13

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



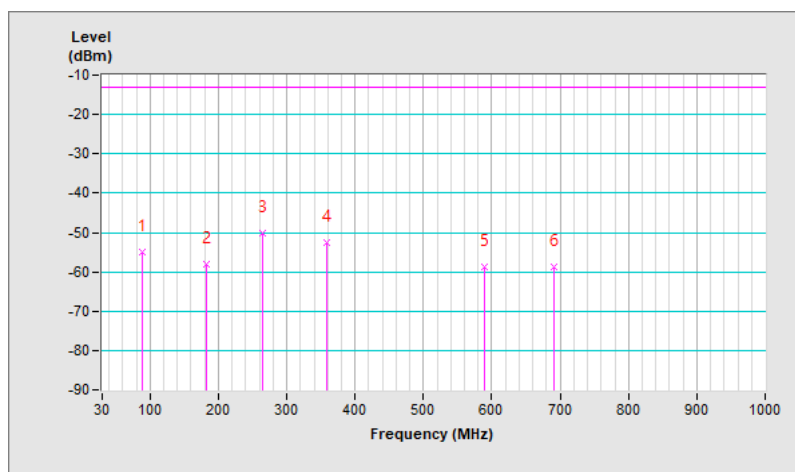
7.2.14 NR n77 (3.45 GHz ~ 3.55 GHz) (SISO)

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	88.20	-54.86	-13.00	-41.86	1.49 H	258	59.31	-114.17
2	183.26	-58.19	-13.00	-45.19	1.49 H	258	52.07	-110.26
3	263.77	-50.14	-13.00	-37.14	1.00 H	261	58.71	-108.85
4	358.83	-52.53	-13.00	-39.53	1.00 H	17	53.79	-106.32
5	588.72	-58.63	-13.00	-45.63	1.49 H	297	42.02	-100.65
6	691.54	-58.82	-13.00	-45.82	1.00 H	346	40.13	-98.95

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

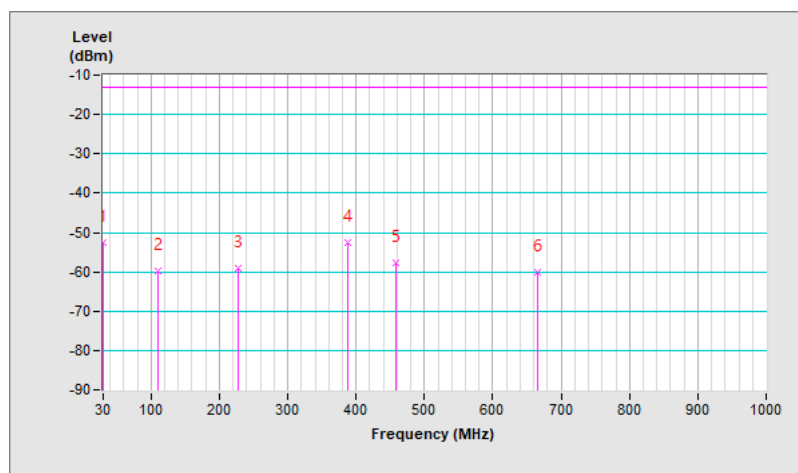


RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-52.72	-13.00	-39.72	2.00 V	166	56.77	-109.49
2	109.54	-59.67	-13.00	-46.67	1.01 V	226	51.74	-111.41
3	227.88	-59.03	-13.00	-46.03	1.01 V	118	51.90	-110.93
4	387.93	-52.52	-13.00	-39.52	1.01 V	218	52.88	-105.40
5	457.77	-57.68	-13.00	-44.68	1.01 V	186	45.63	-103.31
6	665.35	-60.04	-13.00	-47.04	1.01 V	239	39.39	-99.43

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



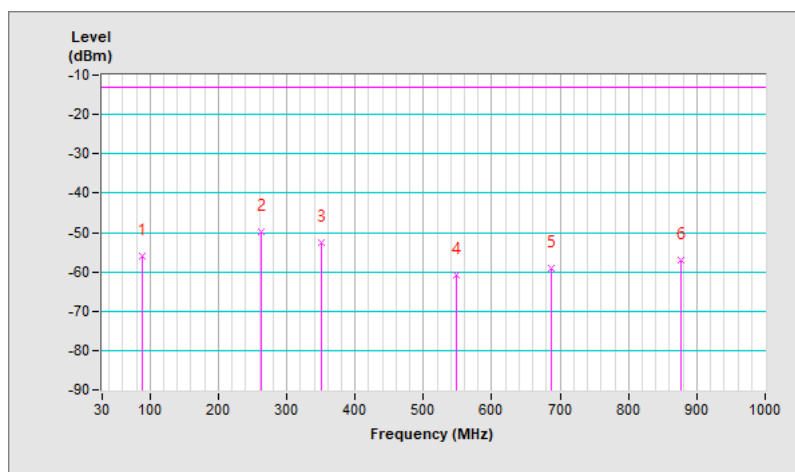
7.2.15 NR n77 (3.7 GHz ~ 3.98 GHz) (SISO)

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	88.20	-55.84	-13.00	-42.84	1.50 H	238	58.33	-114.17
2	261.83	-49.82	-13.00	-36.82	2.00 H	234	59.11	-108.93
3	350.10	-52.61	-13.00	-39.61	1.01 H	13	53.83	-106.44
4	547.98	-60.94	-13.00	-47.94	1.50 H	25	41.00	-101.94
5	687.66	-59.16	-13.00	-46.16	1.01 H	357	39.79	-98.95
6	875.84	-57.09	-13.00	-44.09	1.01 H	291	39.36	-96.45

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

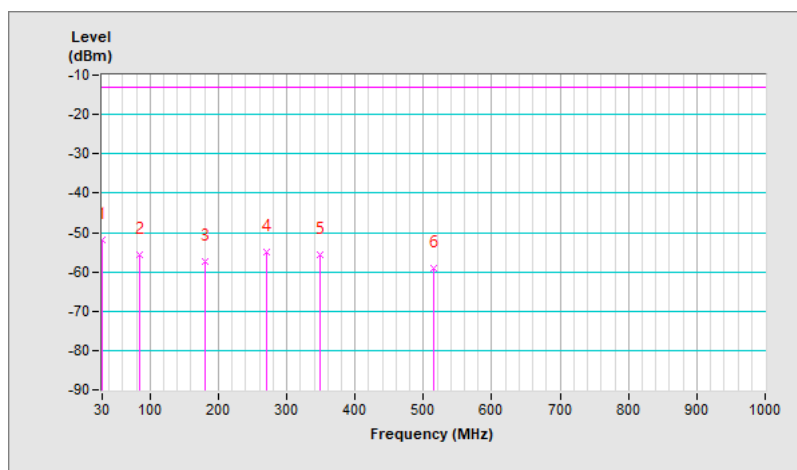


RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.00	-51.98	-13.00	-38.98	2.00 V	178	57.51	-109.49
2	84.32	-55.81	-13.00	-42.81	1.00 V	80	58.17	-113.98
3	181.32	-57.32	-13.00	-44.32	1.00 V	281	52.73	-110.05
4	270.56	-54.95	-13.00	-41.95	1.49 V	2	53.55	-108.50
5	349.13	-55.60	-13.00	-42.60	1.00 V	86	50.87	-106.47
6	514.03	-59.04	-13.00	-46.04	1.49 V	353	43.51	-102.55

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 NR n2

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-47.08	-13.00	-34.08	2.01 H	67	47.45	-94.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-46.22	-13.00	-33.22	2.12 V	351	48.31	-94.53

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-46.73	-13.00	-33.73	2.07 H	62	47.48	-94.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-45.82	-13.00	-32.82	2.11 V	352	48.39	-94.21

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 380000 : 1900 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-46.87	-13.00	-33.87	1.98 H	61	47.16	-94.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-45.69	-13.00	-32.69	2.13 V	358	48.34	-94.03

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.2 NR n5

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 166800 : 834 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-55.18	-13.00	-42.18	2.34 H	231	46.03	-101.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-55.57	-13.00	-42.57	2.16 V	95	45.64	-101.21

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-55.06	-13.00	-42.06	2.34 H	233	46.12	-101.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-55.29	-13.00	-42.29	2.19 V	94	45.89	-101.18

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1678.00	-55.08	-13.00	-42.08	2.39 H	230	46.08	-101.16
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1678.00	-55.45	-13.00	-42.45	2.19 V	98	45.71	-101.16

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.3 NR n7

RF Mode	NR n7 Channel Bandwidth: 40MHz	Channel	CH 504000 : 2520 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5040.00	-46.58	-25.00	-21.58	2.48 H	177	45.08	-91.66
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5040.00	-45.88	-25.00	-20.88	2.23 V	207	45.78	-91.66

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n7 Channel Bandwidth: 40MHz	Channel	CH 507000 : 2535 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-46.16	-25.00	-21.16	2.49 H	171	45.39	-91.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5070.00	-45.69	-25.00	-20.69	2.31 V	102	45.86	-91.55

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n7 Channel Bandwidth: 40MHz	Channel	CH 510000 : 2550 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5100.00	-46.35	-25.00	-21.35	2.54 H	178	45.05	-91.40
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5100.00	-45.64	-25.00	-20.64	2.36 V	102	45.76	-91.40

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.4 NR n12

RF Mode	NR n12 Channel Bandwidth: 15MHz	Channel	CH 141300 : 706.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1413.00	-50.65	-13.00	-37.65	1.62 H	328	50.78	-101.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1413.00	-52.81	-13.00	-39.81	2.28 V	101	48.62	-101.43

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 15MHz	Channel	CH 141500 : 707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1415.00	-50.41	-13.00	-37.41	1.67 H	326	51.01	-101.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1415.00	-52.71	-13.00	-39.71	2.27 V	97	48.71	-101.42

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 15MHz	Channel	CH 141700 : 708.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1417.00	-50.54	-13.00	-37.54	1.62 H	323	50.87	-101.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1417.00	-52.86	-13.00	-39.86	2.24 V	94	48.55	-101.41

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

7.3.5 NR n13

RF Mode	NR n13 Channel Bandwidth: 10MHz	Channel	CH 156400 : 782 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-46.28	-40.00	-6.28	1.92 H	225	55.06	-101.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1564.00	-47.21	-40.00	-7.21	3.95 V	272	54.13	-101.34

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.6 NR n14

RF Mode	NR n14 Channel Bandwidth: 10MHz	Channel	CH 158600 : 793 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1586.00	-48.25	-40.00	-8.25	2.11 H	230	53.12	-101.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1586.00	-48.64	-40.00	-8.64	3.67 V	265	52.73	-101.37

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.7 NR n25

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 374000 : 1870 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.00	-47.35	-13.00	-34.35	2.43 H	184	47.00	-94.35
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.00	-46.57	-13.00	-33.57	2.56 V	238	47.78	-94.35

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-47.00	-13.00	-34.00	2.47 H	181	47.19	-94.19
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-46.28	-13.00	-33.28	2.52 V	237	47.91	-94.19

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 379000 : 1895 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3790.00	-46.78	-13.00	-33.78	2.45 H	184	47.28	-94.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3790.00	-46.09	-13.00	-33.09	2.49 V	237	47.97	-94.06

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.8 NR n26 (814 MHz ~ 824 MHz)

RF Mode	NR n26 Channel Bandwidth: 10MHz	Channel	CH 163800 : 819 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1638.00	-49.36	-13.00	-36.36	2.06 H	234	51.97	-101.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1638.00	-49.75	-13.00	-36.75	3.30 V	263	51.58	-101.33

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

7.3.9 NR n26 (824 MHz ~ 849 MHz)

RF Mode	NR n26 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-49.31	-13.00	-36.31	2.02 H	235	51.87	-101.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-49.74	-13.00	-36.74	3.11 V	261	51.44	-101.18

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

7.3.10 NR n38 (SISO)

RF Mode	NR n38 Channel Bandwidth: 40MHz	Channel	CH 518000 : 2590 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5180.00	-37.27	-25.00	-12.27	1.37 H	227	53.91	-91.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5180.00	-36.76	-25.00	-11.76	2.58 V	101	54.42	-91.18

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 40MHz	Channel	CH 519000 : 2595 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5190.00	-37.22	-25.00	-12.22	1.36 H	227	53.96	-91.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5190.00	-36.57	-25.00	-11.57	2.61 V	103	54.61	-91.18

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 40MHz	Channel	CH 520000 : 2600 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5200.00	-37.43	-25.00	-12.43	1.38 H	224	53.77	-91.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5200.00	-36.62	-25.00	-11.62	2.56 V	102	54.58	-91.20

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.11 NR n38 (MIMO)

RF Mode	NR n38 Channel Bandwidth: 20MHz	Channel	CH 516000 : 2580 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-36.31	-25.00	-11.31	1.46 H	122	54.85	-91.16
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5160.00	-35.97	-25.00	-10.97	1.43 V	98	55.19	-91.16

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 20MHz	Channel	CH 519000 : 2595 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5190.00	-36.23	-25.00	-11.23	1.41 H	120	54.95	-91.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5190.00	-35.81	-25.00	-10.81	1.43 V	101	55.37	-91.18

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 20MHz	Channel	CH 522000 : 2610 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5220.00	-36.47	-25.00	-11.47	1.36 H	117	54.80	-91.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5220.00	-36.04	-25.00	-11.04	1.42 V	103	55.23	-91.27

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.12 NR n41 (SISO)

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-37.01	-25.00	-12.01	1.24 H	215	54.42	-91.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-36.60	-25.00	-11.60	2.11 V	108	54.83	-91.43

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-36.44	-25.00	-11.44	1.23 H	211	54.73	-91.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-36.28	-25.00	-11.28	2.16 V	106	54.89	-91.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-36.89	-25.00	-11.89	1.28 H	212	54.59	-91.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-36.65	-25.00	-11.65	2.11 V	107	54.83	-91.48

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.13 NR n41 (MIMO)

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-36.14	-25.00	-11.14	1.51 H	132	55.29	-91.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-35.50	-25.00	-10.50	1.34 V	105	55.93	-91.43

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-35.74	-25.00	-10.74	1.43 H	133	55.43	-91.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-35.23	-25.00	-10.23	1.37 V	102	55.94	-91.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-36.19	-25.00	-11.19	1.48 H	134	55.29	-91.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-35.60	-25.00	-10.60	1.37 V	103	55.88	-91.48

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.14 NR n66

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 346000 : 1730 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.00	-41.16	-13.00	-28.16	3.49 H	33	54.55	-95.71
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.00	-41.09	-13.00	-28.09	3.64 V	104	54.62	-95.71

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-41.01	-13.00	-28.01	3.47 H	34	54.71	-95.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-40.96	-13.00	-27.96	3.65 V	106	54.76	-95.72

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 352000 : 1760 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3520.00	-41.07	-13.00	-28.07	3.44 H	31	54.57	-95.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3520.00	-41.05	-13.00	-28.05	3.69 V	107	54.59	-95.64

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.15 NR n71

RF Mode	NR n71 Channel Bandwidth: 30MHz	Channel	CH 135600 : 678 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1356.00	-55.61	-13.00	-42.61	3.40 H	182	46.05	-101.66
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1356.00	-55.81	-13.00	-42.81	3.98 V	95	45.85	-101.66

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 30MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-55.34	-13.00	-42.34	3.45 H	185	46.29	-101.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-55.47	-13.00	-42.47	3.92 V	100	46.16	-101.63

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 30MHz	Channel	CH 136600 : 683 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1366.00	-55.39	-13.00	-42.39	3.50 H	184	46.22	-101.61
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1366.00	-55.58	-13.00	-42.58	3.93 V	101	46.03	-101.61

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.16 NR n77 (3.45 GHz ~ 3.55 GHz) (SISO)

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 630334 : 3455.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-42.16	-13.00	-29.16	2.91 H	354	43.94	-86.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-41.52	-13.00	-28.52	2.87 V	242	44.58	-86.10

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-42.13	-13.00	-29.13	2.90 H	359	44.04	-86.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-41.42	-13.00	-28.42	2.81 V	239	44.75	-86.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 636332 : 3544.98 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-41.62	-13.00	-28.62	2.94 H	355	44.07	-85.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-41.15	-13.00	-28.15	2.83 V	243	44.54	-85.69

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 631668 : 3475.02 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-42.06	-13.00	-29.06	2.90 H	359	43.94	-86.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-41.31	-13.00	-28.31	2.85 V	239	44.69	-86.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-42.30	-13.00	-29.30	2.96 H	357	43.87	-86.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-41.35	-13.00	-28.35	2.86 V	241	44.82	-86.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 635000 : 3525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-42.11	-13.00	-29.11	2.94 H	352	43.86	-85.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-41.15	-13.00	-28.15	2.83 V	241	44.82	-85.97

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-42.03	-13.00	-29.03	2.93 H	355	44.14	-86.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-41.30	-13.00	-28.30	2.86 V	240	44.87	-86.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.17 NR n77 (3.45 GHz ~ 3.55 GHz) (MIMO)

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 630334 : 3455.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-39.27	-13.00	-26.27	1.59 H	10	46.83	-86.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-38.99	-13.00	-25.99	1.51 V	123	47.11	-86.10

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.00	-39.50	-13.00	-26.50	1.53 H	10	46.68	-86.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.00	-39.01	-13.00	-26.01	1.47 V	123	47.16	-86.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 636332 : 3544.98 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-39.14	-13.00	-26.14	1.62 H	14	46.55	-85.69
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-38.41	-13.00	-25.41	1.47 V	128	47.28	-85.69

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 631668 : 3475.02 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-39.45	-13.00	-26.45	1.53 H	12	46.55	-86.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-38.86	-13.00	-25.86	1.45 V	125	47.14	-86.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-39.48	-13.00	-26.48	1.58 H	14	46.69	-86.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-39.05	-13.00	-26.05	1.50 V	126	47.12	-86.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 635000 : 3525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-39.42	-13.00	-26.42	1.59 H	7	46.55	-85.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-38.83	-13.00	-25.83	1.51 V	128	47.14	-85.97

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-39.63	-13.00	-26.63	1.59 H	14	46.54	-86.17
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-38.86	-13.00	-25.86	1.45 V	125	47.31	-86.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.18 NR n77 (3.7 GHz ~ 3.98 GHz) (SISO)

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 647000 : 3705 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7410.00	-39.78	-13.00	-26.78	3.16 H	338	45.82	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7410.00	-39.17	-13.00	-26.17	3.84 V	8	46.43	-85.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-40.18	-13.00	-27.18	3.08 H	334	45.89	-86.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-39.54	-13.00	-26.54	3.81 V	14	46.53	-86.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 665000 : 3975 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7950.00	-39.87	-13.00	-26.87	3.03 H	339	45.73	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7950.00	-39.16	-13.00	-26.16	3.74 V	17	46.44	-85.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 648334 : 3725.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7450.02	-39.71	-13.00	-26.71	3.10 H	338	45.74	-85.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7450.02	-38.89	-13.00	-25.89	3.81 V	15	46.56	-85.45

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-40.10	-13.00	-27.10	3.16 H	334	45.97	-86.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-39.49	-13.00	-26.49	3.75 V	11	46.58	-86.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 663666 : 3954.99 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7909.98	-39.84	-13.00	-26.84	3.09 H	335	45.72	-85.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7909.98	-38.85	-13.00	-25.85	3.81 V	13	46.71	-85.56

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 650000 : 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-39.63	-13.00	-26.63	3.16 H	335	45.74	-85.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-38.93	-13.00	-25.93	3.82 V	9	46.44	-85.37

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-40.02	-13.00	-27.02	3.13 H	336	46.05	-86.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-39.33	-13.00	-26.33	3.79 V	11	46.74	-86.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7860.00	-39.91	-13.00	-26.91	3.18 H	335	45.79	-85.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7860.00	-38.99	-13.00	-25.99	3.76 V	17	46.71	-85.70

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.19 NR n77 (3.7 GHz ~ 3.98 GHz) (MIMO)

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 647000 : 3705 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7410.00	-37.53	-13.00	-24.53	1.40 H	156	48.07	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7410.00	-37.10	-13.00	-24.10	1.29 V	267	48.50	-85.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-38.17	-13.00	-25.17	1.46 H	157	47.90	-86.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-37.49	-13.00	-24.49	1.26 V	272	48.58	-86.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 665000 : 3975 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7950.00	-37.63	-13.00	-24.63	1.38 H	154	47.97	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7950.00	-36.97	-13.00	-23.97	1.34 V	270	48.63	-85.60

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 648334 : 3725.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7450.02	-37.66	-13.00	-24.66	1.37 H	157	47.79	-85.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7450.02	-36.80	-13.00	-23.80	1.25 V	271	48.65	-85.45

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-38.03	-13.00	-25.03	1.38 H	154	48.04	-86.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-37.39	-13.00	-24.39	1.26 V	265	48.68	-86.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 663666 : 3954.99 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7909.98	-37.78	-13.00	-24.78	1.46 H	154	47.78	-85.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7909.98	-37.00	-13.00	-24.00	1.26 V	267	48.56	-85.56

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 650000 : 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-37.46	-13.00	-24.46	1.38 H	160	47.91	-85.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-36.75	-13.00	-23.75	1.33 V	269	48.62	-85.37

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-37.95	-13.00	-24.95	1.42 H	156	48.12	-86.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-37.28	-13.00	-24.28	1.30 V	268	48.79	-86.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7860.00	-37.88	-13.00	-24.88	1.37 H	158	47.82	-85.70
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7860.00	-37.15	-13.00	-24.15	1.26 V	266	48.55	-85.70

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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