

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-P25100257-2

FCC ID: QYLFN990G14

Product: 5G NR Module

Brand: Getac

Model No.: FN990A28G14

Received Date: 2025/9/16

Test Date: 2025/11/14 ~ 2025/11/27

Issued Date: 2025/12/11

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FCC Registration / 788550 / TW0003 for Test Location(1)

Designation Number: 281270 / TW0032 for Test Location(2)

Approved by:

Jeremy Lin

Date:

2025/12/11

Jeremy Lin / Project Engineer

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Prepared by : Celine Chou / Senior Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFCDVB-WTW-P25100257-2	Original release.	2025/12/11

1 Certificate

Product: 5G NR Module

Brand: Getac

Test Model: FN990A28G14

Sample Status: Engineering sample

Applicant: Getac Technology Corporation.

Test Date: 2025/11/14 ~ 2025/11/27

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 ANSI/TIA/EIA-603-E 2016

procedure: 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 1
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 1
Part 2.1049	Bandwidth	N/A	Refer to Note 1
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 1
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 -26.81 dB at 556.71 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 -13.90 dB at 1586.00 MHz

Standard / Clause	Test Item	Result	Remark
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 1

Note:

1. Only test item of Effective Radiated Power, Equivalent Isotropically Radiated Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to WWAN module (FCC ID: RI7FN990A28) certified report.
2. 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	3.00 dB
	30 MHz ~ 1 GHz	2.92 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	FN990A28G14
Status of EUT	Engineering sample
Power Supply Rating	Refer to note
EUT Category	Portable station
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
5G NR bands support CA mode	-
PC3 for Power Class	n2, n5, n7, n12, n13, n14, n25, n26, n38, n41, n66, n71, n77, n78
PC2 for Power Class	n41, n77, n78
PC1.5 for Power Class	-
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
Tablet	Getac	G140	marketing purpose
		G140Y (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: 7.74 Vdc, 3800 mAh, 29.42 Wh 4070 mAh, 31.5 1Wh
Battery 2	Getac	BP3S1P4070P	Power Rating: 11.61 Vdc, 3800 mAh, 44.12 Wh 4070mAh, 47.26Wh
AC Adapter 1	FSP	FSP065-RBBN3	AC Input: 100-240 Vac, 50-60 Hz, 1.5 A DC Output: 19.0 Vdc, 3.42 A, 65.0 W DC Output Cable: 1.45m / 1 core
AC Adapter 2 (Option)	Getac	MTA190474W4	AC Input: 100-240 Vac, 50-60 Hz, 1.6 A DC Output: 19.0 Vdc, 4.74 A, 90.0 W
Digitizer Pen	EMRight	GT-090S	-

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	0.215	23.33
		QPSK	0.219	23.4
		16QAM	0.136	21.35
		64QAM	0.121	20.81
		256QAM	0.076	18.81
10 MHz	1855 ~ 1905	BPSK	0.214	23.31
		QPSK	0.219	23.4
		16QAM	0.139	21.43
		64QAM	0.12	20.78
		256QAM	0.076	18.79
15 MHz	1857.5 ~ 1902.5	BPSK	0.216	23.34
		QPSK	0.217	23.37
		16QAM	0.138	21.4
		64QAM	0.12	20.78
		256QAM	0.076	18.78
20 MHz	1860 ~ 1900	BPSK	0.218	23.39
		QPSK	0.221	23.45
		16QAM	0.139	21.44
		64QAM	0.122	20.85
		256QAM	0.076	18.81

NR n5 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	826.5 ~ 846.5	BPSK	0.134	21.27
		QPSK	0.138	21.39
		16QAM	0.088	19.43
		64QAM	0.078	18.93
		256QAM	0.05	16.96
10 MHz	829 ~ 844	BPSK	0.136	21.33
		QPSK	0.137	21.38
		16QAM	0.087	19.42
		64QAM	0.078	18.92
		256QAM	0.05	16.97
15 MHz	831.5 ~ 841.5	BPSK	0.137	21.37
		QPSK	0.137	21.36
		16QAM	0.089	19.49
		64QAM	0.077	18.87
		256QAM	0.05	16.97
20 MHz	834 ~ 839	BPSK	0.137	21.37
		QPSK	0.138	21.41
		16QAM	0.089	19.49
		64QAM	0.079	18.95
		256QAM	0.05	16.98

NR n7 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	2502.5 ~ 2567.5	BPSK	0.299	24.76
		QPSK	0.303	24.81
		16QAM	0.193	22.85
		64QAM	0.173	22.37
		256QAM	0.108	20.35
10 MHz	2505 ~ 2565	BPSK	0.301	24.79
		QPSK	0.302	24.8
		16QAM	0.193	22.85
		64QAM	0.175	22.43
		256QAM	0.11	20.4
15 MHz	2507.5 ~ 2562.5	BPSK	0.301	24.78
		QPSK	0.303	24.81
		16QAM	0.192	22.84
		64QAM	0.175	22.43
		256QAM	0.109	20.38
20 MHz	2510 ~ 2560	BPSK	0.303	24.81
		QPSK	0.303	24.81
		16QAM	0.194	22.88
		64QAM	0.173	22.39
		256QAM	0.108	20.35
25 MHz	2512.5 ~ 2557.5	BPSK	0.303	24.81
		QPSK	0.305	24.84
		16QAM	0.19	22.79
		64QAM	0.175	22.42
		256QAM	0.109	20.39
30 MHz	2515 ~ 2555	BPSK	0.301	24.79
		QPSK	0.302	24.8
		16QAM	0.191	22.81
		64QAM	0.173	22.38
		256QAM	0.11	20.4
40 MHz	2520 ~ 2550	BPSK	0.304	24.83
		QPSK	0.307	24.87
		16QAM	0.194	22.88
		64QAM	0.175	22.43
		256QAM	0.11	20.41

NR n12 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	701.5 ~ 713.5	BPSK	0.088	19.46
		QPSK	0.089	19.51
		16QAM	0.056	17.49
		64QAM	0.051	17.06
		256QAM	0.033	15.17
10 MHz	704 ~ 711	BPSK	0.089	19.50
		QPSK	0.09	19.56
		16QAM	0.056	17.48
		64QAM	0.052	17.12
		256QAM	0.032	15.07
15 MHz	706.5 ~ 708.5	BPSK	0.09	19.56
		QPSK	0.091	19.60
		16QAM	0.057	17.55
		64QAM	0.052	17.12
		256QAM	0.033	15.17

NR n13 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	779.5 ~ 784.5	BPSK	0.099	19.97
		QPSK	0.101	20.04
		16QAM	0.062	17.95
		64QAM	0.056	17.52
		256QAM	0.035	15.47
10 MHz	782	BPSK	0.1	20.02
		QPSK	0.102	20.07
		16QAM	0.063	18.02
		64QAM	0.057	17.53
		256QAM	0.036	15.57

NR n14 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	790.5 ~ 795.5	BPSK	0.097	19.88
		QPSK	0.097	19.88
		16QAM	0.063	17.97
		64QAM	0.055	17.43
		256QAM	0.035	15.41
10 MHz	793	BPSK	0.098	19.91
		QPSK	0.099	19.97
		16QAM	0.063	17.97
		64QAM	0.056	17.49
		256QAM	0.035	15.47

NR n25 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1852.5 ~ 1912.5	BPSK	0.242	23.83
		QPSK	0.247	23.92
		16QAM	0.156	21.93
		64QAM	0.139	21.42
		256QAM	0.089	19.5
10 MHz	1855 ~ 1910	BPSK	0.243	23.85
		QPSK	0.244	23.88
		16QAM	0.155	21.91
		64QAM	0.139	21.42
		256QAM	0.089	19.47
15 MHz	1857.5 ~ 1907.5	BPSK	0.243	23.86
		QPSK	0.247	23.93
		16QAM	0.156	21.92
		64QAM	0.141	21.49
		256QAM	0.088	19.44
20 MHz	1860 ~ 1905	BPSK	0.241	23.82
		QPSK	0.244	23.88
		16QAM	0.156	21.92
		64QAM	0.14	21.45
		256QAM	0.089	19.49
25 MHz	1862.5 ~ 1902.5	BPSK	0.245	23.9
		QPSK	0.246	23.91
		16QAM	0.155	21.9
		64QAM	0.14	21.47
		256QAM	0.089	19.48
30 MHz	1865 ~ 1900	BPSK	0.245	23.89
		QPSK	0.246	23.91
		16QAM	0.157	21.95
		64QAM	0.14	21.46
		256QAM	0.089	19.49
35 MHz	1867.5 ~ 1897.5	BPSK	0.244	23.88
		QPSK	0.246	23.91
		16QAM	0.155	21.9
		64QAM	0.14	21.47
		256QAM	0.09	19.52
40 MHz	1870 ~ 1895	BPSK	0.247	23.92
		QPSK	0.248	23.94
		16QAM	0.157	21.97
		64QAM	0.142	21.51
		256QAM	0.09	19.54

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	0.123	20.89
		QPSK	0.125	20.96
		16QAM	0.081	19.07
		64QAM	0.071	18.49
		256QAM	0.045	16.54
10 MHz	819	BPSK	0.121	20.83
		QPSK	0.121	20.84
		16QAM	0.079	18.97
		64QAM	0.070	18.47
		256QAM	0.044	16.42

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	0.124	20.95
		QPSK	0.125	20.97
		16QAM	0.081	19.07
		64QAM	0.072	18.58
		256QAM	0.045	16.49
10 MHz	829 ~ 844	BPSK	0.124	20.94
		QPSK	0.126	20.99
		16QAM	0.08	19.03
		64QAM	0.072	18.55
		256QAM	0.045	16.53
15 MHz	831.5 ~ 841.5	BPSK	0.124	20.92
		QPSK	0.125	20.98
		16QAM	0.08	19.05
		64QAM	0.071	18.53
		256QAM	0.045	16.54
20 MHz	834 ~ 839	BPSK	0.126	20.99
		QPSK	0.126	21.01
		16QAM	0.081	19.09
		64QAM	0.072	18.59
		256QAM	0.045	16.56

NR n38 SCS 30 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2575 ~ 2615	BPSK	0.241	23.82
		QPSK	0.253	24.03
		16QAM	0.156	21.92
		64QAM	0.145	21.62
		256QAM	0.084	19.24
15 MHz	2577.5 ~ 2612.5	BPSK	0.245	23.89
		QPSK	0.251	24.00
		16QAM	0.157	21.96
		64QAM	0.146	21.63
		256QAM	0.084	19.26
20 MHz	2580 ~ 2610	BPSK	0.245	23.89
		QPSK	0.255	24.06
		16QAM	0.158	22.00
		64QAM	0.147	21.67
		256QAM	0.084	19.26
30 MHz	2585 ~ 2605	BPSK	0.248	23.94
		QPSK	0.259	24.14
		16QAM	0.160	22.04
		64QAM	0.150	21.75
		256QAM	0.087	19.42
40 MHz	2590 ~ 2600	BPSK	0.252	24.01
		QPSK	0.261	24.17
		16QAM	0.162	22.10
		64QAM	0.151	21.80
		256QAM	0.088	19.46

NR n41 SCS 30 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2501.01 ~ 2685	BPSK	0.634	28.02
		QPSK	0.647	28.11
		16QAM	0.287	24.58
		64QAM	0.279	24.45
		256QAM	0.225	23.52
15 MHz	2503.5 ~ 2682.48	BPSK	0.630	27.99
		QPSK	0.644	28.09
		16QAM	0.288	24.59
		64QAM	0.279	24.46
		256QAM	0.224	23.51
20 MHz	2506.02 ~ 2679.99	BPSK	0.634	28.02
		QPSK	0.649	28.12
		16QAM	0.284	24.54
		64QAM	0.279	24.46
		256QAM	0.224	23.51
30 MHz	2511 ~ 2674.98	BPSK	0.637	28.04
		QPSK	0.644	28.09
		16QAM	0.289	24.61
		64QAM	0.277	24.43
		256QAM	0.221	23.45
40 MHz	2516.01 ~ 2670	BPSK	0.637	28.04
		QPSK	0.650	28.13
		16QAM	0.290	24.62
		64QAM	0.281	24.48
		256QAM	0.222	23.46
50 MHz	2521.02 ~ 2664.99	BPSK	0.637	28.04
		QPSK	0.647	28.11
		16QAM	0.285	24.55
		64QAM	0.276	24.41
		256QAM	0.223	23.49
60 MHz	2526 ~ 2659.98	BPSK	0.641	28.07
		QPSK	0.650	28.13
		16QAM	0.284	24.54
		64QAM	0.277	24.43
		256QAM	0.223	23.49
80 MHz	2536.02 ~ 2649.99	BPSK	0.638	28.05
		QPSK	0.650	28.13
		16QAM	0.286	24.56
		64QAM	0.279	24.46
		256QAM	0.224	23.50

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
90 MHz	2541 ~ 2644.98	BPSK	0.631	28.00
		QPSK	0.650	28.13
		16QAM	0.288	24.60
		64QAM	0.275	24.40
		256QAM	0.222	23.46
100 MHz	2546.01 ~ 2640	BPSK	0.641	28.07
		QPSK	0.652	28.14
		16QAM	0.290	24.62
		64QAM	0.281	24.48
		256QAM	0.225	23.52

NR n66 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1712.5 ~ 1777.5	BPSK	0.274	24.37
		QPSK	0.277	24.42
		16QAM	0.176	22.46
		64QAM	0.158	22
		256QAM	0.097	19.88
10 MHz	1715 ~ 1775	BPSK	0.272	24.35
		QPSK	0.277	24.42
		16QAM	0.174	22.41
		64QAM	0.157	21.95
		256QAM	0.098	19.92
15 MHz	1717.5 ~ 1772.5	BPSK	0.272	24.35
		QPSK	0.274	24.38
		16QAM	0.175	22.44
		64QAM	0.156	21.94
		256QAM	0.098	19.91
20 MHz	1720 ~ 1770	BPSK	0.275	24.39
		QPSK	0.276	24.41
		16QAM	0.175	22.42
		64QAM	0.158	21.98
		256QAM	0.099	19.95
25 MHz	1722.5 ~ 1767.5	BPSK	0.275	24.39
		QPSK	0.276	24.41
		16QAM	0.176	22.45
		64QAM	0.157	21.97
		256QAM	0.099	19.96
30 MHz	1725 ~ 1765	BPSK	0.273	24.36
		QPSK	0.277	24.43
		16QAM	0.175	22.42
		64QAM	0.158	21.98
		256QAM	0.098	19.93
35 MHz	1727.5 ~ 1762.5	BPSK	0.272	24.35
		QPSK	0.275	24.39
		16QAM	0.173	22.37
		64QAM	0.158	21.99
		256QAM	0.098	19.92
40 MHz	1730 ~ 1760	BPSK	0.277	24.42
		QPSK	0.278	24.44
		16QAM	0.176	22.46
		64QAM	0.158	22
		256QAM	0.1	19.98

NR n71 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)
5 MHz	665.5 ~ 695.5	BPSK	0.086	19.35
		QPSK	0.086	19.37
		16QAM	0.052	17.17
		64QAM	0.047	16.72
		256QAM	0.03	14.8
10 MHz	668 ~ 693	BPSK	0.086	19.35
		QPSK	0.088	19.43
		16QAM	0.052	17.19
		64QAM	0.048	16.77
		256QAM	0.03	14.74
15 MHz	670.5 ~ 690.5	BPSK	0.087	19.41
		QPSK	0.087	19.41
		16QAM	0.052	17.16
		64QAM	0.047	16.74
		256QAM	0.03	14.8
20 MHz	673 ~ 688	BPSK	0.086	19.34
		QPSK	0.086	19.37
		16QAM	0.053	17.23
		64QAM	0.047	16.76
		256QAM	0.03	14.8
25 MHz	675.5 ~ 685.5	BPSK	0.086	19.36
		QPSK	0.087	19.38
		16QAM	0.052	17.2
		64QAM	0.048	16.78
		256QAM	0.03	14.76
30 MHz	678 ~ 683	BPSK	0.087	19.41
		QPSK	0.088	19.44
		16QAM	0.053	17.23
		64QAM	0.048	16.78
		256QAM	0.03	14.81

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

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3455.01 ~ 3544.98	BPSK	0.561	27.49
		QPSK	0.785	28.95
		16QAM	0.475	26.77
		64QAM	0.43	26.33
		256QAM	0.269	24.29
15 MHz	3457.5 ~ 3542.49	BPSK	0.555	27.44
		QPSK	0.789	28.97
		16QAM	0.479	26.8
		64QAM	0.433	26.36
		256QAM	0.271	24.33
20 MHz	3460.02 ~ 3540	BPSK	0.562	27.50
		QPSK	0.789	28.97
		16QAM	0.476	26.78
		64QAM	0.434	26.37
		256QAM	0.27	24.32
30 MHz	3465 ~ 3534.99	BPSK	0.562	27.50
		QPSK	0.791	28.98
		16QAM	0.478	26.79
		64QAM	0.431	26.34
		256QAM	0.272	24.34
40 MHz	3470.01 ~ 3529.98	BPSK	0.551	27.41
		QPSK	0.791	28.98
		16QAM	0.478	26.79
		64QAM	0.436	26.39
		256QAM	0.27	24.31
50 MHz	3475.02 ~ 3525	BPSK	0.561	27.49
		QPSK	0.791	28.98
		16QAM	0.473	26.75
		64QAM	0.433	26.36
		256QAM	0.269	24.3
60 MHz	3480 ~ 3519.99	BPSK	0.556	27.45
		QPSK	0.783	28.94
		16QAM	0.474	26.76
		64QAM	0.431	26.34
		256QAM	0.27	24.32
70 MHz	3485.01 ~ 3514.98	BPSK	0.564	27.51
		QPSK	0.787	28.96
		16QAM	0.472	26.74
		64QAM	0.433	26.36
		256QAM	0.269	24.3

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
80 MHz	3490.02 ~ 3510	BPSK	0.553	27.43
		QPSK	0.783	28.94
		16QAM	0.478	26.79
		64QAM	0.432	26.35
		256QAM	0.272	24.35
90 MHz	3495 ~ 3504.99	BPSK	0.553	27.43
		QPSK	0.791	28.98
		16QAM	0.478	26.79
		64QAM	0.433	26.36
		256QAM	0.271	24.33
100 MHz	3500.01	BPSK	0.564	27.51
		QPSK	0.794	29
		16QAM	0.482	26.83
		64QAM	0.438	26.41
		256QAM	0.273	24.36

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

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3705 ~ 3975	BPSK	0.553	27.43
		QPSK	0.796	29.01
		16QAM	0.488	26.88
		64QAM	0.431	26.34
		256QAM	0.28	24.47
15 MHz	3707.52 ~ 3972.48	BPSK	0.561	27.49
		QPSK	0.8	29.03
		16QAM	0.488	26.88
		64QAM	0.432	26.35
		256QAM	0.281	24.49
20 MHz	3710.01 ~ 3969.99	BPSK	0.562	27.50
		QPSK	0.796	29.01
		16QAM	0.49	26.9
		64QAM	0.435	26.38
		256QAM	0.28	24.47
30 MHz	3715.02 ~ 3964.98	BPSK	0.558	27.47
		QPSK	0.802	29.04
		16QAM	0.488	26.88
		64QAM	0.431	26.34
		256QAM	0.281	24.48
40 MHz	3720 ~ 3960	BPSK	0.561	27.49
		QPSK	0.8	29.03
		16QAM	0.49	26.9
		64QAM	0.434	26.37
		256QAM	0.278	24.44
50 MHz	3725.01 ~ 3954.99	BPSK	0.565	27.52
		QPSK	0.8	29.03
		16QAM	0.492	26.92
		64QAM	0.433	26.36
		256QAM	0.279	24.46
60 MHz	3730.02 ~ 3949.98	BPSK	0.557	27.46
		QPSK	0.798	29.02
		16QAM	0.489	26.89
		64QAM	0.437	26.4
		256QAM	0.28	24.47
70 MHz	3735 ~ 3945	BPSK	0.551	27.41
		QPSK	0.798	29.02
		16QAM	0.491	26.91
		64QAM	0.433	26.36
		256QAM	0.28	24.47

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
80 MHz	3740.01 ~ 3939.99	BPSK	0.569	27.55
		QPSK	0.794	29
		16QAM	0.49	26.9
		64QAM	0.431	26.34
		256QAM	0.279	24.45
90 MHz	3745.02 ~ 3934.98	BPSK	0.568	27.54
		QPSK	0.794	29
		16QAM	0.49	26.9
		64QAM	0.433	26.36
		256QAM	0.282	24.5
100 MHz	3750 ~ 3930	BPSK	0.565	27.52
		QPSK	0.807	29.07
		16QAM	0.495	26.95
		64QAM	0.438	26.41

4. The EUT supports the following ENDC configuration.

	FCC 5G FR1			ENDC
	Band	SCS	Bandwidth (MHz)	
5GNR	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

1. The antenna information is listed as below.

Ant. 0		Ant. 1	
Antenna Type	PIFA	Antenna Type	PIFA
Brand	AWAN	Brand	AWAN
Model	422GC2400001	Model	422GC2400002
Ant. 2		Ant. 3	
Antenna Type	PIFA	Antenna Type	PIFA
Brand	AWAN	Brand	AWAN
Model	422GC2400003	Model	422GC2400004

Band		Freq. Range	Ant. 0 Gain (dBi)	Ant. 1 Gain (dBi)	Ant. 2 Gain (dBi)	Ant. 3 Gain (dBi)
5GNR n2	1TX (Ant. 0)	1850 ~ 1910	1.22	-2.18	2.79	1.50
5GNR n5	1TX (Ant. 0)	824 ~ 849	0.77	-2.65	-	-
5GNR n7	1TX (Ant. 0)	2500 ~ 2570	2.03	1.32	2.16	1.43
5GNR n12	1TX (Ant. 0)	698 ~ 716	-1.13	-6.04	-	-
5GNR n13	1TX (Ant. 0)	777 ~ 787	-0.51	-4.52	-	-
5GNR n14	1TX (Ant. 0)	788 ~ 798	-0.30	-4.61	-	-
5GNR n25	1TX (Ant. 0)	1850 ~ 1915	1.22	-2.18	2.79	1.5
5GNR n26	1TX (Ant. 0)	814 ~ 849	0.77	-2.65	-	-
5GNR n38	1TX (Ant. 2) 2TX (Ant. 0 + 2)	2570 ~ 2620	0.64	1.44	2.12	1.22
5GNR n41	1TX (Ant. 2) 2TX (Ant. 0 + 2)	2496 ~ 2690	2.03	1.46	2.16	1.43
5GNR n48	1TX (Ant. 3) 2TX (Ant. 1 + 3)	3550 ~ 3700	1.99	3.12	4.62	1.49
5GNR n66	1TX (Ant. 0)	1710 ~ 1780	1.73	-4.3	2.73	0.35
5GNR n71	1TX (Ant. 0)	663 ~ 698	-1.32	-6.36	-	-
5GNR n77	1TX (Ant. 3) 2TX (Ant. 1 + 3)	3300 ~ 4200	3.35	3.12	4.62	1.7
5GNR n78	1TX (Ant. 3) 2TX (Ant. 1 + 3)	3300 ~ 3800	3.35	3.12	4.62	1.7

* 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.

* The Directional Gain for SISO transmit signals are completely correlated, while MIMO signals are uncorrelated.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The Battery has the following models: Battery 1/ Battery 2. Pre-scan these models of batteries and find the worst case as a representative test condition. 2. The AC Adapter has the following models: Adapter 1/ Adapter 2. Pre-scan these models of AC Adapters and find the worst case as a representative test condition. 3. The end-product can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	1. Battery Worst Condition: Battery 1. 2. AC Adapter Worst Condition: AC Adapter 1. 3. X-axis/ Y-axis/ Z-axis Worst Condition: Z-axis.

3.3.1 NR n2 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	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
Radiated Spurious Emissions below 1GHz	372000(1860.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	372000(1860.00 MHz)	20 MHz	QPSK	1 RB

3.3.2 NR n5 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	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
Radiated Spurious Emissions below 1GHz	167800(839.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	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
Equivalent Isotropically Radiated Power	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
Radiated Spurious Emissions below 1GHz	510000(2550.00 MHz)	40 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	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
Effective Radiated Power	140300(701.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	141500(707.50 MHz)			Half RB
	142700(713.50 MHz)			Full RB
	140800(704.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	141500(707.50 MHz)			Half RB
	142200(711.00 MHz)			Full RB
	141300(706.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	141500(707.50 MHz)			Half RB
	141700(708.50 MHz)			Full RB
Radiated Spurious Emissions below 1GHz	141300(706.50 MHz)	15 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	141300(706.50 MHz)	15 MHz	QPSK	1 RB

3.3.5 NR n13 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	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
Radiated Spurious Emissions below 1GHz	156400(782.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions 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
Effective Radiated Power	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
Radiated Spurious Emissions below 1GHz	158600(793.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions 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
Equivalent Isotropically Radiated Power	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
Radiated Spurious Emissions below 1GHz	372000(1860.00 MHz)	40 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	372000(1860.00 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
Effective Radiated Power	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
Radiated Spurious Emissions below 1GHz	163800(819.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions 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
Effective Radiated Power	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
Radiated Spurious Emissions below 1GHz	167800(839.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	167800(839.00 MHz)	20 MHz	QPSK	1 RB

3.3.10 NR n38 SCS 30 kHz

Test Item	TX/RX Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX, 2TX	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
	1TX	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
	1TX	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
Radiated Spurious Emissions below 1GHz	1TX	519000(2595.00 MHz)	40 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX	519000(2595.00 MHz)	40 MHz	QPSK	1 RB
	2TX	519000(2595.00 MHz)	20 MHz	QPSK	1 RB

*BPSK Modulation only support 1TX function.

3.3.11 NR n41 SCS 30 kHz

Test Item	TX/RX Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX, 2TX	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
Radiated Spurious Emissions below 1GHz	1TX	518598(2592.99 MHz)	100 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX, 2TX	518598(2592.99 MHz)	100 MHz	QPSK	1 RB

*BPSK Modulation only support 1TX function.

3.3.12 NR n66 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	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
	345000(1725.00 MHz) 349000(1745.00 MHz) 353000(1765.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	349000(1745.00 MHz)	40 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	349000(1745.00 MHz)	40 MHz	QPSK	1 RB

3.3.13 NR n71 SCS 15 kHz

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	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
Radiated Spurious Emissions below 1GHz	135600(678.00 MHz)	30 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	135600(678.00 MHz)	30 MHz	QPSK	1 RB

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

Test Item	TX/RX Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX, 2TX	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
Radiated Spurious Emissions below 1GHz	2TX	633334(3500.01 MHz)	100 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX, 2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK	1 RB
		633334(3500.01 MHz)	100 MHz	QPSK	1 RB

*BPSK Modulation only support 1TX function.

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

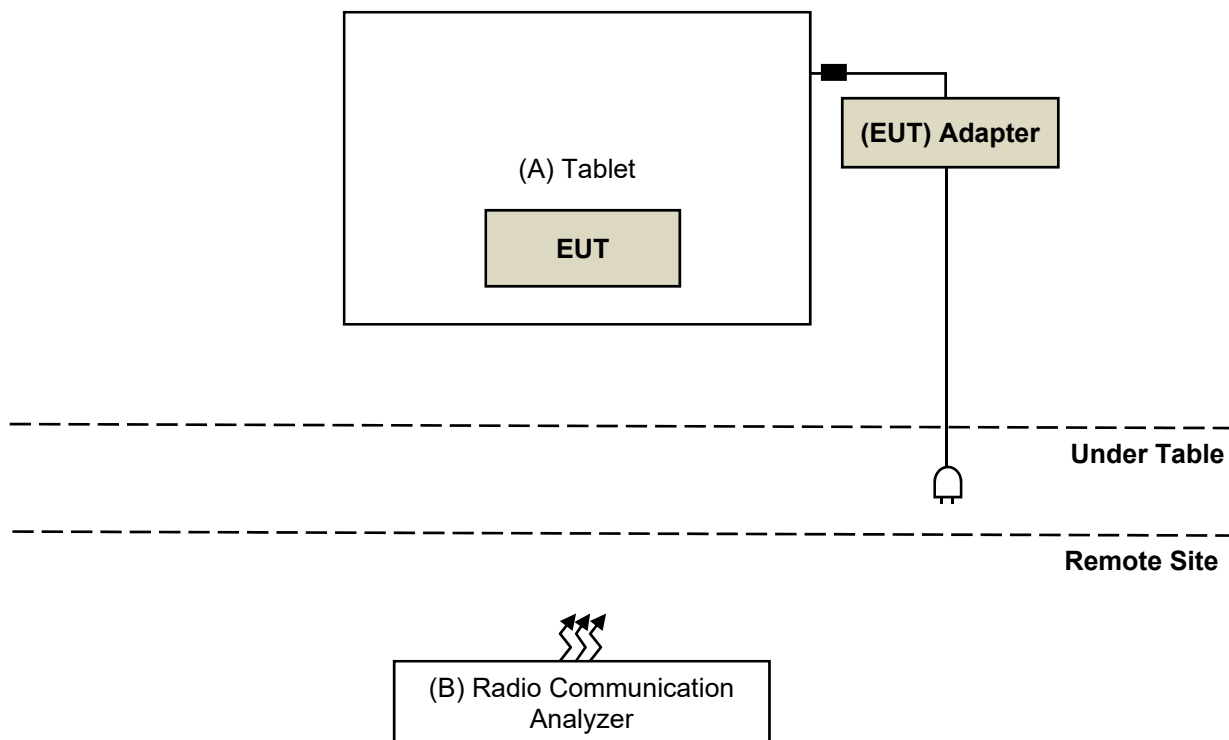
Test Item	TX/RX Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX, 2TX	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	*BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	*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
Radiated Spurious Emissions below 1GHz	2TX	662000(3930.00 MHz)	100 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX, 2TX	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	QPSK	1 RB
		650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK	1 RB

*BPSK Modulation only support 1TX function.

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	Tablet	Getac	G140	N/A	N/A	Supplied by applicant
B	Radio Communication Test Station	Anritsu	MT8000A	6272278596	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	MY60102115	2025/5/26	2026/5/25

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2025/11/23

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower KaiTuo	N/A	N/A	N/A	N/A
Antenna Tower Controller KaiTuo	KT-2000	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-995	2025/9/17	2026/9/16
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
MXE EMI Receiver Agilent	N9038A	MY52260177	2025/10/3	2026/10/2
Preamplifier EMCI	EMC330N	980783	2025/1/14	2026/1/13
PXA Signal Analyzer Keysight	N9030B	MY57140488	2025/3/11	2026/3/10
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201245	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-3000	201250	2025/1/14	2026/1/13
	EMCCFD400-NM-NM-9000	201252(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-151SS-0.5T	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208675	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 7.
2. Tested Date: 2025/11/22

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower KaiTuo	N/A	N/A	N/A	N/A
Antenna Tower Controller KaiTuo	KT-2000	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210104A18E	2025/11/9	2026/11/8
Horn Antenna Schwarzbeck	BBHA 9170	9170-1048	2025/11/9	2026/11/8
MXE EMI Receiver Agilent	N9038A	MY52260177	2025/10/3	2026/10/2
Preamplifier EMCI	EMC118A45SE	980810	2024/12/26	2025/12/25
	EMC184045SE	980787	2025/1/14	2026/1/13
PXA Signal Analyzer Keysight	N9030B	MY57140488	2025/3/11	2026/3/10
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	210101	2025/1/14	2026/1/13
	EMC104-SM-SM-3000	201242	2025/1/14	2026/1/13
	EMC104-SM-SM-9000	201230	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-151SS-0.5T	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208675	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 7.
2. Tested Date: 2025/11/14 ~ 2025/11/27

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

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

Mobile and portable stations are limited to 2 watts EIRP.

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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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):

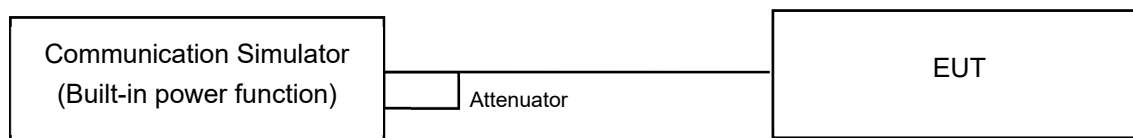
According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

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)

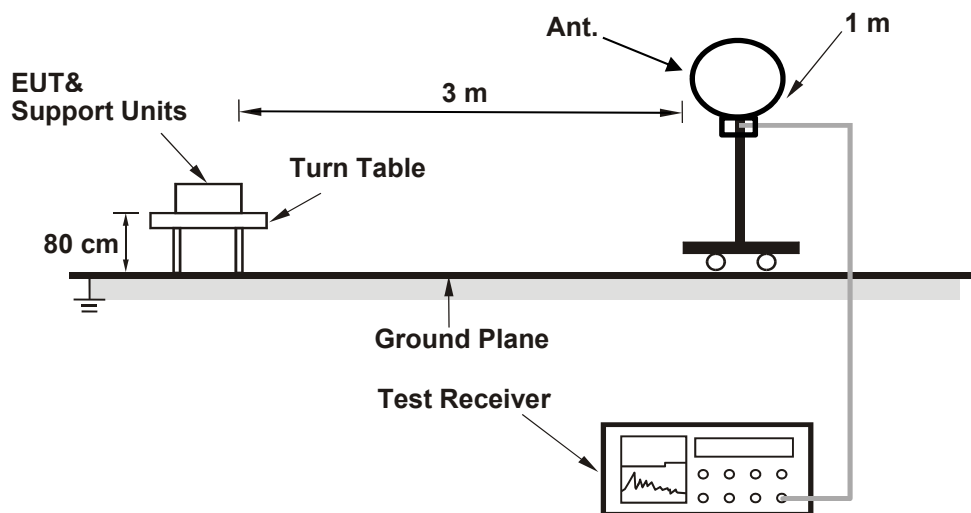
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

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

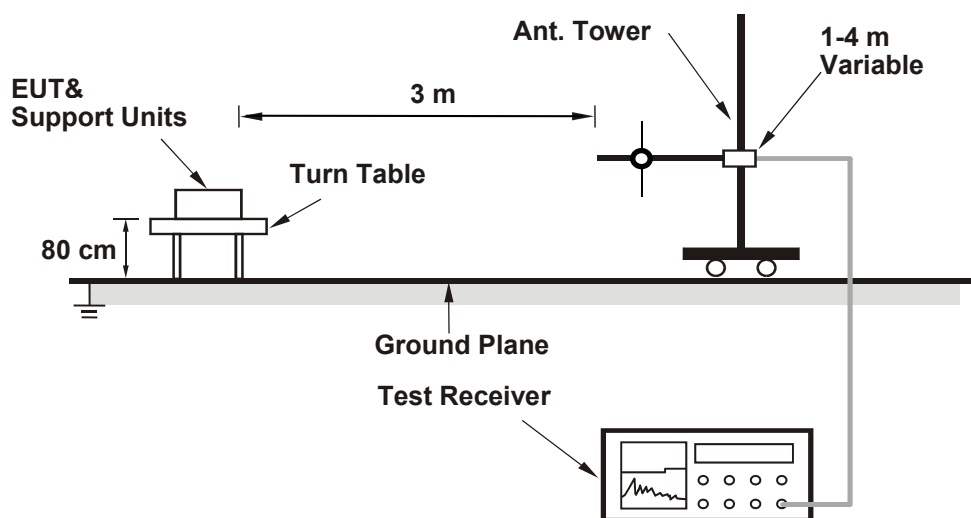
6.2 Radiated Spurious Emissions below 1GHz

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.

- l. 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.
- m. 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.
- n. 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.
- o. Following ANSI C63.26 section 5.5 and 5.2.7
- p. $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- q. $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

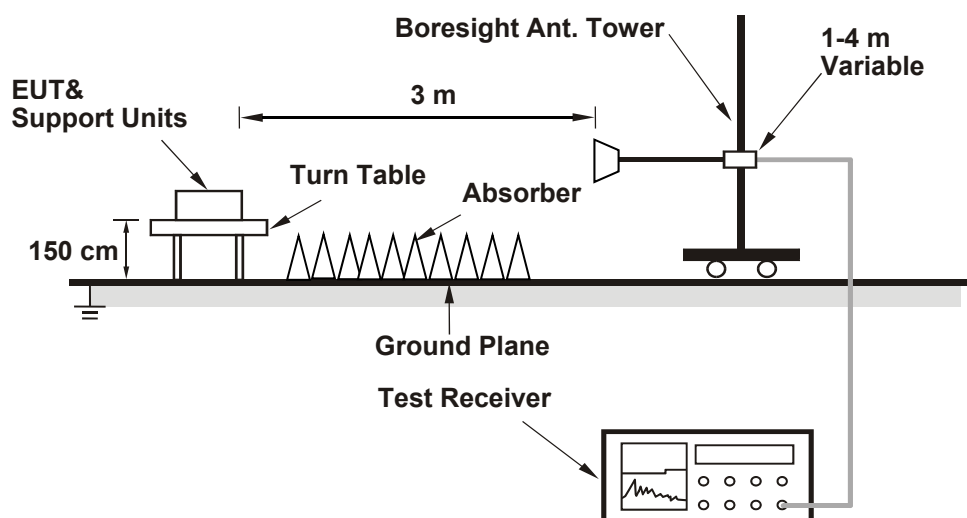
Note:

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
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note: 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

Environmental Conditions:	23°C, 62% RH	Tested By:	Charles Hsiao
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7.1.1 NR n2 SCS 15 kHz - SISO

NR n2 SCS 15 kHz, SISO, 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	22.11	22.06	22.05
	1	0	21.55	21.53	21.54
QPSK	1	1	22.18	22.12	22.08
	1	0	21.16	21.16	21.13
	1	13	22.11	22.02	22.05
	1	23	22.09	22.00	22.05
	1	24	22.02	22.05	22.03
	12	0	21.16	21.06	21.07
	12	7	22.06	22.06	22.05
	12	13	21.06	21.01	21.02
	25	0	21.04	21.06	21.09
16QAM	1	0	20.13	20.09	20.06
64QAM	1	0	19.55	19.50	19.59
256QAM	1	0	17.51	17.54	17.59

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.53	22.11	22.75	23.33	33.01
QPSK	21.01	22.18	22.23	23.4	33.01
16QAM	20.06	20.13	21.28	21.35	33.01
64QAM	19.5	19.59	20.72	20.81	33.01
256QAM	17.51	17.59	18.73	18.81	33.01

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

NR n2 SCS 15 kHz, SISO, 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	22.09	22.05	22.08
	1	0	21.58	21.52	21.51
QPSK	1	1	22.14	22.18	22.10
	1	0	21.16	21.18	21.10
	1	26	22.09	22.12	22.04
	1	49	22.06	22.09	22.02
	1	51	22.05	22.07	22.04
	25	0	21.11	21.03	21.01
	25	14	22.08	22.00	22.08
	25	27	21.05	21.06	21.00
	50	0	21.03	21.01	21.05
	52	0	19.12	19.05	19.09
16QAM	1	0	20.21	20.13	20.06
64QAM	1	0	19.56	19.52	19.55
256QAM	1	0	17.57	17.50	17.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.51	22.09	22.73	23.31	33.01
QPSK	19.05	22.18	20.27	23.4	33.01
16QAM	20.06	20.21	21.28	21.43	33.01
64QAM	19.52	19.56	20.74	20.78	33.01
256QAM	17.5	17.57	18.72	18.79	33.01

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

NR n2 SCS 15 kHz, SISO, 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	22.12	22.02	22.03
	1	0	21.59	21.51	21.54
QPSK	1	1	22.15	22.09	22.12
	1	0	21.21	21.12	21.15
	1	40	22.09	22.04	22.03
	1	74	22.05	22.00	22.03
	1	78	22.10	22.05	22.01
	36	0	21.10	21.06	21.00
	36	22	22.15	22.01	22.02
	36	43	21.07	21.01	21.03
	75	0	21.03	21.06	21.03
	79	0	19.09	19.13	19.01
16QAM	1	0	20.18	20.16	20.12
64QAM	1	0	19.54	19.52	19.56
256QAM	1	0	17.56	17.51	17.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.51	22.12	22.73	23.34	33.01
QPSK	19.01	22.15	20.23	23.37	33.01
16QAM	20.12	20.18	21.34	21.4	33.01
64QAM	19.52	19.56	20.74	20.78	33.01
256QAM	17.51	17.56	18.73	18.78	33.01

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

NR n2 SCS 15 kHz, SISO, 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	22.17	22.03	22.07
	1	0	21.61	21.57	21.52
QPSK	1	1	22.23	22.18	22.15
	1	0	21.24	21.19	21.16
	1	53	22.17	22.12	22.09
	1	99	22.14	22.09	22.06
	1	105	22.12	22.07	22.04
	50	0	21.18	21.13	21.10
	50	28	22.15	22.10	22.07
	50	56	21.14	21.09	21.06
	100	0	21.11	21.06	21.03
	106	0	19.19	19.14	19.11
16QAM	1	0	20.22	20.17	20.14
64QAM	1	0	19.63	19.58	19.55
256QAM	1	0	17.59	17.54	17.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.52	22.17	22.74	23.39	33.01
QPSK	19.11	22.23	20.33	23.45	33.01
16QAM	20.14	20.22	21.36	21.44	33.01
64QAM	19.55	19.63	20.77	20.85	33.01
256QAM	17.51	17.59	18.73	18.81	33.01

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

7.1.2 NR n5 SCS 15 kHz - SISO

NR n5 SCS 15 kHz, SISO, 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	22.60	22.64	22.65
	1	0	22.12	22.20	22.17
QPSK	1	1	22.67	22.68	22.77
	1	0	21.73	21.76	21.78
	1	13	22.63	22.65	22.70
	1	23	22.62	22.65	22.72
	1	24	22.55	22.67	22.67
	12	0	21.69	21.77	21.75
	12	7	22.66	22.66	22.74
	12	13	21.58	21.69	21.68
	25	0	21.59	21.57	21.64
16QAM	1	0	20.75	20.77	20.81
64QAM	1	0	20.21	20.22	20.31
256QAM	1	0	18.27	18.29	18.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.12	22.65	20.74	21.27	38.45
QPSK	21.57	22.77	20.19	21.39	38.45
16QAM	20.75	20.81	19.37	19.43	38.45
64QAM	20.21	20.31	18.83	18.93	38.45
256QAM	18.27	18.34	16.89	16.96	38.45

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

NR n5 SCS 15 kHz, SISO, 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	22.59	22.68	22.71
	1	0	22.11	22.20	22.15
QPSK	1	1	22.64	22.71	22.76
	1	0	21.71	21.79	21.76
	1	26	22.67	22.66	22.67
	1	50	22.65	22.63	22.73
	1	51	22.54	22.67	22.69
	25	0	21.66	21.75	21.71
	25	14	22.64	22.76	22.67
	25	27	21.58	21.65	21.67
	50	0	21.60	21.63	21.59
	52	0	19.65	19.78	19.75
16QAM	1	0	20.73	20.80	20.79
64QAM	1	0	20.19	20.25	20.30
256QAM	1	0	18.23	18.35	18.29

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.11	22.71	20.73	21.33	38.45
QPSK	19.65	22.76	18.27	21.38	38.45
16QAM	20.73	20.80	19.35	19.42	38.45
64QAM	20.19	20.30	18.81	18.92	38.45
256QAM	18.23	18.35	16.85	16.97	38.45

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

NR n5 SCS 15 kHz, SISO, 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	22.57	22.70	22.75
	1	0	22.06	22.19	22.19
QPSK	1	1	22.66	22.74	22.73
	1	0	21.73	21.75	21.73
	1	40	22.65	22.67	22.73
	1	77	22.66	22.64	22.70
	1	78	22.55	22.59	22.62
	36	0	21.62	21.77	21.78
	36	22	22.67	22.71	22.73
	36	43	21.57	21.66	21.70
	75	0	21.57	21.67	21.59
	79	0	19.62	19.76	19.77
16QAM	1	0	20.74	20.77	20.87
64QAM	1	0	20.22	20.22	20.25
256QAM	1	0	18.22	18.29	18.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.06	22.75	20.68	21.37	38.45
QPSK	19.62	22.74	18.24	21.36	38.45
16QAM	20.74	20.87	19.36	19.49	38.45
64QAM	20.22	20.25	18.84	18.87	38.45
256QAM	18.22	18.35	16.84	16.97	38.45

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

NR n5 SCS 15 kHz, SISO, 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	22.67	22.74	22.75
	1	0	22.15	22.22	22.23
QPSK	1	1	22.71	22.78	22.79
	1	0	21.74	21.81	21.82
	1	53	22.68	22.75	22.76
	1	104	22.66	22.73	22.74
	1	105	22.62	22.69	22.70
	50	0	21.70	21.77	21.78
	50	28	22.69	22.76	22.77
	50	56	21.65	21.72	21.73
	100	0	21.60	21.67	21.68
	106	0	19.71	19.78	19.79
16QAM	1	0	20.79	20.86	20.87
64QAM	1	0	20.25	20.32	20.33
256QAM	1	0	18.28	18.35	18.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.15	22.75	20.77	21.37	38.45
QPSK	19.71	22.79	18.33	21.41	38.45
16QAM	20.79	20.87	19.41	19.49	38.45
64QAM	20.25	20.33	18.87	18.95	38.45
256QAM	18.28	18.36	16.90	16.98	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 - SISO

NR n7 SCS 15 kHz, SISO, 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	22.65	22.67	22.73
	1	0	22.21	22.20	22.32
QPSK	1	1	22.69	22.74	22.78
	1	0	21.68	21.78	21.73
	1	13	22.70	22.78	22.72
	1	23	22.71	22.72	22.78
	1	24	22.66	22.68	22.70
	12	0	21.72	21.72	21.75
	12	7	22.66	22.67	22.71
	12	13	21.61	21.65	21.76
	25	0	21.70	21.64	21.68
16QAM	1	0	20.75	20.79	20.82
64QAM	1	0	20.31	20.30	20.34
256QAM	1	0	18.21	18.32	18.28

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.2	22.73	24.23	24.76	33.01
QPSK	21.61	22.78	23.64	24.81	33.01
16QAM	20.75	20.82	22.78	22.85	33.01
64QAM	20.3	20.34	22.33	22.37	33.01
256QAM	18.21	18.32	20.24	20.35	33.01

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

NR n7 SCS 15 kHz, SISO, 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	22.63	22.75	22.76
	1	0	22.16	22.27	22.28
QPSK	1	1	22.70	22.72	22.75
	1	0	21.72	21.75	21.74
	1	26	22.71	22.69	22.77
	1	50	22.69	22.69	22.75
	1	51	22.63	22.66	22.73
	25	0	21.63	21.69	21.72
	25	14	22.66	22.70	22.72
	25	27	21.61	21.71	21.69
	50	0	21.69	21.64	21.74
	52	0	19.65	19.72	19.74
16QAM	1	0	20.70	20.80	20.82
64QAM	1	0	20.24	20.29	20.40
256QAM	1	0	18.23	18.32	18.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.16	22.76	24.19	24.79	33.01
QPSK	19.65	22.77	21.68	24.8	33.01
16QAM	20.7	20.82	22.73	22.85	33.01
64QAM	20.24	20.4	22.27	22.43	33.01
256QAM	18.23	18.37	20.26	20.4	33.01

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

NR n7 SCS 15 kHz, SISO, 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	22.72	22.75	22.75
	1	0	22.20	22.23	22.26
QPSK	1	1	22.69	22.75	22.76
	1	0	21.65	21.70	21.81
	1	40	22.67	22.73	22.78
	1	77	22.66	22.71	22.69
	1	78	22.61	22.68	22.75
	36	0	21.68	21.74	21.74
	36	22	22.62	22.69	22.72
	36	43	21.70	21.69	21.73
	75	0	21.67	21.68	21.69
	79	0	19.61	19.68	19.78
16QAM	1	0	20.72	20.77	20.81
64QAM	1	0	20.24	20.35	20.40
256QAM	1	0	18.28	18.25	18.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.2	22.75	24.23	24.78	33.01
QPSK	19.61	22.78	21.64	24.81	33.01
16QAM	20.72	20.81	22.75	22.84	33.01
64QAM	20.24	20.4	22.27	22.43	33.01
256QAM	18.25	18.35	20.28	20.38	33.01

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

NR n7 SCS 15 kHz, SISO, 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	22.64	22.68	22.78
	1	0	22.24	22.28	22.22
QPSK	1	1	22.69	22.72	22.75
	1	0	21.67	21.72	21.72
	1	53	22.72	22.78	22.75
	1	104	22.65	22.76	22.75
	1	105	22.67	22.65	22.73
	50	0	21.70	21.77	21.78
	50	28	22.65	22.68	22.76
	50	56	21.62	21.72	21.72
	100	0	21.61	21.73	21.68
	106	0	19.67	19.70	19.70
16QAM	1	0	20.76	20.76	20.85
64QAM	1	0	20.25	20.36	20.30
256QAM	1	0	18.23	18.32	18.29

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.22	22.78	24.25	24.81	33.01
QPSK	19.67	22.78	21.7	24.81	33.01
16QAM	20.76	20.85	22.79	22.88	33.01
64QAM	20.25	20.36	22.28	22.39	33.01
256QAM	18.23	18.32	20.26	20.35	33.01

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

NR n7 SCS 15 kHz, SISO, 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	22.70	22.76	22.78
	1	0	22.20	22.28	22.22
QPSK	1	1	22.70	22.72	22.74
	1	0	21.74	21.76	21.75
	1	67	22.74	22.76	22.81
	1	131	22.62	22.73	22.72
	1	132	22.70	22.62	22.75
	64	0	21.64	21.70	21.71
	64	35	22.70	22.73	22.75
	64	69	21.69	21.71	21.78
	128	0	21.69	21.71	21.71
	133	0	19.66	19.70	19.71
16QAM	1	0	20.76	20.73	20.75
64QAM	1	0	20.33	20.30	20.39
256QAM	1	0	18.22	18.28	18.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.2	22.78	24.23	24.81	33.01
QPSK	19.66	22.81	21.69	24.84	33.01
16QAM	20.73	20.76	22.76	22.79	33.01
64QAM	20.3	20.39	22.33	22.42	33.01
256QAM	18.22	18.36	20.25	20.39	33.01

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

NR n7 SCS 15 kHz, SISO, 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	22.68	22.75	22.76
	1	0	22.18	22.23	22.22
QPSK	1	1	22.68	22.75	22.77
	1	0	21.71	21.74	21.80
	1	80	22.65	22.71	22.72
	1	158	22.63	22.76	22.71
	1	159	22.64	22.72	22.72
	80	0	21.73	21.68	21.71
	80	40	22.61	22.67	22.68
	80	80	21.63	21.75	21.72
	160	0	21.70	21.70	21.74
16QAM	1	0	20.68	20.77	20.78
64QAM	1	0	20.23	20.35	20.32
256QAM	1	0	18.22	18.32	18.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.18	22.76	24.21	24.79	33.01
QPSK	21.63	22.77	23.66	24.8	33.01
16QAM	20.68	20.78	22.71	22.81	33.01
64QAM	20.23	20.35	22.26	22.38	33.01
256QAM	18.22	18.37	20.25	20.4	33.01

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

NR n7 SCS 15 kHz, SISO, 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	22.73	22.77	22.80
	1	0	22.25	22.29	22.32
QPSK	1	1	22.77	22.81	22.84
	1	0	21.75	21.79	21.82
	1	108	22.74	22.78	22.81
	1	214	22.72	22.76	22.79
	1	215	22.71	22.72	22.75
	108	0	21.73	21.77	21.80
	108	54	22.71	22.75	22.78
	108	108	21.71	21.75	21.78
	216	0	21.70	21.74	21.77
16QAM	1	0	20.78	20.82	20.85
64QAM	1	0	20.33	20.37	20.40
256QAM	1	0	18.31	18.35	18.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.25	22.8	24.28	24.83	33.01
QPSK	21.7	22.84	23.73	24.87	33.01
16QAM	20.78	20.85	22.81	22.88	33.01
64QAM	20.33	20.4	22.36	22.43	33.01
256QAM	18.31	18.38	20.34	20.41	33.01

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

7.1.4 NR n12 SCS 15 kHz - SISO

NR n12 SCS 15 kHz, SISO, 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	22.74	22.71	22.64
	1	0	22.29	22.21	22.14
QPSK	1	1	22.79	22.71	22.73
	1	0	21.89	21.79	21.69
	1	13	22.76	22.73	22.68
	1	23	22.75	22.72	22.67
	12	0	22.77	22.67	22.64
	12	7	21.79	21.68	21.71
	12	13	22.75	22.67	22.54
	25	0	21.80	21.68	21.68
16QAM	1	0	20.77	20.64	20.71
64QAM	1	0	20.34	20.28	20.25
256QAM	1	0	18.45	18.28	18.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.14	22.74	18.86	19.46	34.77
QPSK	19.71	22.79	16.43	19.51	34.77
16QAM	20.64	20.77	17.36	17.49	34.77
64QAM	20.25	20.34	16.97	17.06	34.77
256QAM	18.28	18.45	15.00	15.17	34.77

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

NR n12 SCS 15 kHz, SISO, 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	22.78	22.65	22.64
	1	0	22.20	22.21	22.17
QPSK	1	1	22.84	22.78	22.72
	1	0	21.89	21.76	21.71
	1	26	22.84	22.69	22.69
	1	50	22.76	22.62	22.64
	1	51	22.79	22.67	22.61
	25	0	21.82	21.68	21.67
	25	14	22.73	22.57	22.59
	25	27	21.76	21.70	21.65
	50	0	21.75	21.71	21.64
	52	0	19.83	19.73	19.73
16QAM	1	0	20.76	20.67	20.70
64QAM	1	0	20.40	20.26	20.23
256QAM	1	0	18.35	18.32	18.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.17	22.78	18.89	19.50	34.77
QPSK	19.73	22.84	16.45	19.56	34.77
16QAM	20.67	20.76	17.39	17.48	34.77
64QAM	20.23	20.40	16.95	17.12	34.77
256QAM	18.24	18.35	14.96	15.07	34.77

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

NR n12 SCS 15 kHz, SISO, 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	22.84	22.75	22.72
	1	0	22.30	22.21	22.18
QPSK	1	1	22.88	22.79	22.76
	1	0	21.91	21.82	21.79
	1	40	22.85	22.76	22.73
	1	77	22.81	22.72	22.69
	1	78	22.79	22.70	22.67
	36	0	21.87	21.78	21.75
	36	22	22.76	22.67	22.64
	36	43	21.84	21.75	21.72
	75	0	21.81	21.72	21.69
	79	0	19.88	19.79	19.76
16QAM	1	0	20.83	20.74	20.71
64QAM	1	0	20.40	20.31	20.28
256QAM	1	0	18.45	18.36	18.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.18	22.84	18.90	19.56	34.77
QPSK	19.76	22.88	16.48	19.60	34.77
16QAM	20.71	20.83	17.43	17.55	34.77
64QAM	20.28	20.40	17.00	17.12	34.77
256QAM	18.33	18.45	15.05	15.17	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 - SISO

NR n13 SCS 15 kHz, SISO, 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	22.61	22.63	22.61
	1	0	22.08	22.23	22.12
QPSK	1	1	22.64	22.70	22.63
	1	0	21.60	21.65	21.62
	1	13	22.58	22.65	22.61
	1	23	22.56	22.59	22.60
	1	24	22.54	22.56	22.53
	12	0	21.61	21.71	21.67
	12	7	22.50	22.61	22.54
	12	13	21.62	21.59	21.58
	25	0	21.55	21.61	21.59
16QAM	1	0	20.57	20.61	20.56
64QAM	1	0	20.03	20.18	20.09
256QAM	1	0	18.07	18.13	18.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.08	22.63	19.42	19.97	34.77
QPSK	21.55	22.70	18.89	20.04	34.77
16QAM	20.56	20.61	17.90	17.95	34.77
64QAM	20.03	20.18	17.37	17.52	34.77
256QAM	18.07	18.13	15.41	15.47	34.77

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

NR n13 SCS 15 kHz, SISO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 156400
			782 MHz
BPSK	1	1	22.68
	1	0	22.23
QPSK	1	1	22.73
	1	0	21.75
	1	26	22.71
	1	50	22.67
	1	51	22.64
	25	0	21.73
	25	14	22.62
	25	27	21.69
	50	0	21.65
	52	0	19.64
16QAM	1	0	20.68
64QAM	1	0	20.19
256QAM	1	0	18.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.23	22.68	19.57	20.02	34.77
QPSK	19.64	22.73	16.98	20.07	34.77
16QAM	20.68	20.68	18.02	18.02	34.77
64QAM	20.19	20.19	17.53	17.53	34.77
256QAM	18.23	18.23	15.57	15.57	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 - SISO

NR n14 SCS 15 kHz, SISO, 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	22.27	22.33	22.29
	1	0	21.84	21.82	21.74
QPSK	1	1	22.29	22.33	22.30
	1	0	21.36	21.42	21.32
	1	13	22.27	22.30	22.24
	1	23	22.22	22.33	22.25
	1	24	22.22	22.22	22.24
	12	0	21.28	21.36	21.35
	12	7	22.24	22.23	22.19
	12	13	21.35	21.33	21.24
	25	0	21.32	21.34	21.21
16QAM	1	0	20.33	20.42	20.33
64QAM	1	0	19.88	19.84	19.86
256QAM	1	0	17.83	17.86	17.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.74	22.33	19.29	19.88	34.77
QPSK	21.21	22.33	18.76	19.88	34.77
16QAM	20.33	20.42	17.88	17.97	34.77
64QAM	19.84	19.88	17.39	17.43	34.77
256QAM	17.79	17.86	15.34	15.41	34.77

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

NR n14 SCS 15 kHz, SISO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 158600
			793 MHz
BPSK	1	1	22.36
	1	0	21.89
QPSK	1	1	22.42
	1	0	21.43
	1	26	22.38
	1	50	22.33
	1	51	22.31
	25	0	21.41
	25	14	22.28
	25	27	21.39
	50	0	21.35
	52	0	19.43
16QAM	1	0	20.42
64QAM	1	0	19.94
256QAM	1	0	17.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.89	22.36	19.44	19.91	34.77
QPSK	19.43	22.42	16.98	19.97	34.77
16QAM	20.42	20.42	17.97	17.97	34.77
64QAM	19.94	19.94	17.49	17.49	34.77
256QAM	17.92	17.92	15.47	15.47	34.77

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

7.1.7 NR n25 SCS 15 kHz - SISO

NR n25 SCS 15 kHz, SISO, 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	22.60	22.61	22.59
	1	0	22.16	22.13	22.05
QPSK	1	1	22.70	22.60	22.52
	1	0	21.73	21.61	21.58
	1	13	22.66	22.55	22.56
	1	23	22.60	22.58	22.52
	1	24	22.61	22.54	22.51
	12	0	21.63	21.62	21.59
	12	7	22.63	22.56	22.55
	12	13	21.59	21.55	21.50
	25	0	21.64	21.58	21.52
16QAM	1	0	20.71	20.68	20.54
64QAM	1	0	20.20	20.13	20.12
256QAM	1	0	18.28	18.17	18.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.05	22.61	23.27	23.83	33.01
QPSK	21.5	22.7	22.72	23.92	33.01
16QAM	20.54	20.71	21.76	21.93	33.01
64QAM	20.12	20.2	21.34	21.42	33.01
256QAM	18.17	18.28	19.39	19.5	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.62	22.63	22.58
	1	0	22.22	22.15	22.03
QPSK	1	1	22.65	22.59	22.55
	1	0	21.68	21.63	21.54
	1	26	22.66	22.57	22.56
	1	50	22.59	22.51	22.55
	1	51	22.54	22.52	22.50
	25	0	21.70	21.63	21.56
	25	14	22.60	22.55	22.53
	25	27	21.68	21.53	21.50
	50	0	21.67	21.59	21.59
	52	0	19.67	19.67	19.59
16QAM	1	0	20.69	20.67	20.64
64QAM	1	0	20.20	20.17	20.17
256QAM	1	0	18.24	18.25	18.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.03	22.63	23.25	23.85	33.01
QPSK	19.59	22.66	20.81	23.88	33.01
16QAM	20.64	20.69	21.86	21.91	33.01
64QAM	20.17	20.2	21.39	21.42	33.01
256QAM	18.14	18.25	19.36	19.47	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.64	22.53	22.54
	1	0	22.20	22.11	22.13
QPSK	1	1	22.71	22.64	22.60
	1	0	21.69	21.67	21.61
	1	40	22.63	22.62	22.52
	1	77	22.62	22.50	22.53
	1	78	22.63	22.54	22.53
	36	0	21.66	21.61	21.53
	36	22	22.69	22.58	22.58
	36	43	21.61	21.55	21.55
	75	0	21.62	21.56	21.58
	79	0	19.64	19.65	19.63
16QAM	1	0	20.70	20.65	20.60
64QAM	1	0	20.27	20.21	20.17
256QAM	1	0	18.22	18.22	18.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.11	22.64	23.33	23.86	33.01
QPSK	19.63	22.71	20.85	23.93	33.01
16QAM	20.6	20.7	21.82	21.92	33.01
64QAM	20.17	20.27	21.39	21.49	33.01
256QAM	18.2	18.22	19.42	19.44	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.60	22.53	22.56
	1	0	22.15	22.09	22.08
QPSK	1	1	22.62	22.65	22.54
	1	0	21.75	21.66	21.63
	1	53	22.66	22.61	22.51
	1	104	22.58	22.51	22.50
	1	105	22.57	22.51	22.52
	50	0	21.66	21.60	21.59
	50	28	22.64	22.59	22.54
	50	56	21.59	21.58	21.51
	100	0	21.65	21.60	21.59
	106	0	19.67	19.61	19.56
16QAM	1	0	20.70	20.59	20.54
64QAM	1	0	20.23	20.17	20.16
256QAM	1	0	18.27	18.16	18.21

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	22.6	23.3	23.82	33.01
QPSK	19.56	22.66	20.78	23.88	33.01
16QAM	20.54	20.7	21.76	21.92	33.01
64QAM	20.16	20.23	21.38	21.45	33.01
256QAM	18.16	18.27	19.38	19.49	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.68	22.53	22.52
	1	0	22.18	22.17	22.10
QPSK	1	1	22.69	22.61	22.54
	1	0	21.68	21.64	21.57
	1	67	22.63	22.52	22.56
	1	131	22.59	22.53	22.53
	1	132	22.59	22.57	22.53
	64	0	21.70	21.56	21.55
	64	35	22.66	22.58	22.50
	64	69	21.67	21.51	21.53
	128	0	21.67	21.62	21.53
	133	0	19.66	19.60	19.57
16QAM	1	0	20.68	20.60	20.62
64QAM	1	0	20.25	20.20	20.15
256QAM	1	0	18.26	18.17	18.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.1	22.68	23.32	23.9	33.01
QPSK	19.57	22.69	20.79	23.91	33.01
16QAM	20.6	20.68	21.82	21.9	33.01
64QAM	20.15	20.25	21.37	21.47	33.01
256QAM	18.14	18.26	19.36	19.48	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.67	22.54	22.50
	1	0	22.16	22.07	22.09
QPSK	1	1	22.63	22.58	22.59
	1	0	21.67	21.59	21.61
	1	80	22.59	22.62	22.58
	1	158	22.62	22.58	22.53
	1	159	22.54	22.55	22.51
	80	0	21.61	21.55	21.57
	80	40	22.69	22.59	22.50
	80	80	21.63	21.52	21.50
	160	0	21.70	21.57	21.55
16QAM	1	0	20.73	20.60	20.56
64QAM	1	0	20.24	20.19	20.10
256QAM	1	0	18.27	18.18	18.11

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.07	22.67	23.29	23.89	33.01
QPSK	21.5	22.69	22.72	23.91	33.01
16QAM	20.56	20.73	21.78	21.95	33.01
64QAM	20.1	20.24	21.32	21.46	33.01
256QAM	18.11	18.27	19.33	19.49	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.66	22.55	22.59
	1	0	22.20	22.10	22.03
QPSK	1	1	22.62	22.60	22.59
	1	0	21.65	21.61	21.57
	1	94	22.64	22.62	22.53
	1	186	22.61	22.55	22.52
	1	187	22.56	22.54	22.52
	80	0	21.68	21.62	21.55
	94	47	22.69	22.52	22.56
	94	94	21.64	21.51	21.52
	180	0	21.71	21.55	21.53
	188	0	19.66	19.64	19.62
16QAM	1	0	20.68	20.65	20.54
64QAM	1	0	20.25	20.17	20.15
256QAM	1	0	18.30	18.19	18.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.03	22.66	23.25	23.88	33.01
QPSK	19.62	22.69	20.84	23.91	33.01
16QAM	20.54	20.68	21.76	21.9	33.01
64QAM	20.15	20.25	21.37	21.47	33.01
256QAM	18.15	18.3	19.37	19.52	33.01

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

NR n25 SCS 15 kHz, SISO, 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	22.70	22.63	22.59
	1	0	22.24	22.17	22.13
QPSK	1	1	22.72	22.65	22.61
	1	0	21.75	21.68	21.64
	1	108	22.69	22.62	22.58
	1	214	22.66	22.59	22.55
	1	215	22.64	22.57	22.53
	108	0	21.71	21.64	21.60
	108	54	22.70	22.62	22.58
	108	108	21.68	21.61	21.57
	216	0	21.72	21.65	21.61
16QAM	1	0	20.75	20.68	20.64
64QAM	1	0	20.29	20.22	20.18
256QAM	1	0	18.32	18.25	18.21

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.13	22.7	23.35	23.92	33.01
QPSK	21.57	22.72	22.79	23.94	33.01
16QAM	20.64	20.75	21.86	21.97	33.01
64QAM	20.18	20.29	21.4	21.51	33.01
256QAM	18.21	18.32	19.43	19.54	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) - SISO

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

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 135300	CH 163800	CH 164300
			816.5 MHz	819 MHz	821.5 MHz
BPSK	1	1	22.19	22.25	22.27
	1	0	21.70	21.74	21.76
QPSK	1	1	22.20	22.27	22.31
	1	0	21.34	21.30	21.38
	1	13	22.21	22.28	22.34
	1	23	22.13	22.25	22.23
	1	24	22.11	22.17	22.18
	12	0	21.28	21.34	21.36
	12	7	22.10	22.09	22.18
	12	13	21.25	21.22	21.32
	25	0	21.20	21.30	21.30
16QAM	1	0	20.26	20.39	20.45
64QAM	1	0	19.80	19.85	19.87
256QAM	1	0	17.81	17.80	17.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.7	22.27	20.32	20.89	50
QPSK	21.2	22.34	19.82	20.96	50
16QAM	20.26	20.45	18.88	19.07	50
64QAM	19.8	19.87	18.42	18.49	50
256QAM	17.8	17.92	16.42	16.54	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), SISO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 163800
			819 MHz
BPSK	1	1	22.21
	1	0	21.68
QPSK	1	1	22.22
	1	0	21.34
	1	26	22.22
	1	50	22.14
	1	51	22.16
	25	0	21.21
	25	14	22.10
	25	27	21.21
	50	0	21.24
	52	0	19.24
16QAM	1	0	20.35
64QAM	1	0	19.85
256QAM	1	0	17.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.68	22.21	20.3	20.83	50
QPSK	19.24	22.22	17.86	20.84	50
16QAM	20.35	20.35	18.97	18.97	50
64QAM	19.85	19.85	18.47	18.47	50
256QAM	17.8	17.8	16.42	16.42	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) - SISO

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), SISO, 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	22.30	22.29	22.33
	1	0	21.79	21.75	21.81
QPSK	1	1	22.32	22.25	22.35
	1	0	21.28	21.35	21.36
	1	13	22.23	22.24	22.29
	1	23	22.16	22.23	22.25
	1	24	22.20	22.21	22.25
	12	0	21.33	21.32	21.34
	12	7	22.15	22.07	22.14
	12	13	21.26	21.34	21.35
	25	0	21.30	21.23	21.33
16QAM	1	0	20.34	20.36	20.45
64QAM	1	0	19.81	19.89	19.96
256QAM	1	0	17.79	17.77	17.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.75	22.33	20.37	20.95	38.45
QPSK	21.23	22.35	19.85	20.97	38.45
16QAM	20.34	20.45	18.96	19.07	38.45
64QAM	19.81	19.96	18.43	18.58	38.45
256QAM	17.77	17.87	16.39	16.49	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), SISO, 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	22.23	22.28	22.32
	1	0	21.74	21.70	21.78
QPSK	1	1	22.23	22.32	22.37
	1	0	21.30	21.38	21.43
	1	26	22.27	22.22	22.31
	1	50	22.24	22.26	22.27
	1	51	22.19	22.22	22.23
	25	0	21.29	21.40	21.41
	25	14	22.10	22.15	22.20
	25	27	21.32	21.30	21.38
	50	0	21.27	21.30	21.33
	52	0	19.25	19.31	19.39
16QAM	1	0	20.31	20.40	20.41
64QAM	1	0	19.85	19.86	19.93
256QAM	1	0	17.79	17.82	17.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.7	22.32	20.32	20.94	38.45
QPSK	19.25	22.37	17.87	20.99	38.45
16QAM	20.31	20.41	18.93	19.03	38.45
64QAM	19.85	19.93	18.47	18.55	38.45
256QAM	17.79	17.91	16.41	16.53	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), SISO, 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	22.20	22.20	22.30
	1	0	21.77	21.73	21.81
QPSK	1	1	22.29	22.27	22.36
	1	0	21.35	21.39	21.44
	1	40	22.19	22.22	22.31
	1	77	22.23	22.18	22.28
	1	78	22.12	22.11	22.21
	36	0	21.35	21.29	21.32
	36	22	22.15	22.11	22.17
	36	43	21.25	21.26	21.33
	75	0	21.27	21.20	21.29
	79	0	19.30	19.38	19.39
16QAM	1	0	20.35	20.37	20.43
64QAM	1	0	19.85	19.83	19.91
256QAM	1	0	17.82	17.85	17.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.73	22.3	20.35	20.92	38.45
QPSK	19.3	22.36	17.92	20.98	38.45
16QAM	20.35	20.43	18.97	19.05	38.45
64QAM	19.83	19.91	18.45	18.53	38.45
256QAM	17.82	17.92	16.44	16.54	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), SISO, 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	22.30	22.28	22.37
	1	0	21.79	21.80	21.86
QPSK	1	1	22.32	22.37	22.39
	1	0	21.38	21.36	21.45
	1	53	22.29	22.30	22.36
	1	104	22.25	22.29	22.32
	1	105	22.20	22.19	22.27
	50	0	21.35	21.39	21.42
	50	28	22.17	22.19	22.24
	50	56	21.32	21.36	21.39
	100	0	21.30	21.29	21.37
	106	0	19.34	19.34	19.41
16QAM	1	0	20.40	20.41	20.47
64QAM	1	0	19.90	19.96	19.97
256QAM	1	0	17.87	17.90	17.94

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	21.79	22.37	20.41	20.99	38.45
QPSK	19.34	22.39	17.96	21.01	38.45
16QAM	20.4	20.47	19.02	19.09	38.45
64QAM	19.9	19.97	18.52	18.59	38.45
256QAM	17.87	17.94	16.49	16.56	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, SISO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			515000	519000	523000
			2575	2595	2615
BPSK	1	1	21.70	21.63	21.69
	1	0	21.07	21.17	21.05
QPSK	1	1	21.73	21.91	21.68
	1	0	20.82	20.84	20.63
	1	11	21.75	21.83	21.67
	1	22	21.69	21.82	21.72
	1	23	21.58	21.71	21.58
	12	0	20.73	20.63	20.73
	12	6	21.68	21.76	21.70
	12	12	20.79	20.78	20.68
	24	0	20.58	20.60	20.73
16QAM	1	0	19.80	19.79	19.76
64QAM	1	0	19.47	19.50	19.43
256QAM	1	0	17.12	17.04	17.02

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.05	21.7	23.17	23.82	33.01
QPSK	20.58	21.91	22.70	24.03	33.01
16QAM	19.76	19.8	21.88	21.92	33.01
64QAM	19.43	19.5	21.55	21.62	33.01
256QAM	17.02	17.12	19.14	19.24	33.01

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

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

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			515500	519000	522500
			2577.5	2595	2612.5
BPSK	1	1	21.77	21.60	21.67
	1	0	21.12	21.24	21.09
QPSK	1	1	21.78	21.88	21.77
	1	0	20.77	20.87	20.66
	1	19	21.67	21.79	21.62
	1	36	21.75	21.82	21.76
	1	37	21.62	21.63	21.65
	18	0	20.78	20.70	20.75
	18	10	21.65	21.74	21.70
	18	20	20.82	20.87	20.65
	36	0	20.57	20.65	20.75
	38	0	18.83	18.88	18.57
16QAM	1	0	19.80	19.76	19.84
64QAM	1	0	19.48	19.51	19.45
256QAM	1	0	17.06	17.14	17.07

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.09	21.77	23.21	23.89	33.01
QPSK	18.57	21.88	20.69	24.00	33.01
16QAM	19.76	19.84	21.88	21.96	33.01
64QAM	19.45	19.51	21.57	21.63	33.01
256QAM	17.06	17.14	19.18	19.26	33.01

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

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

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			516000	519000	522000
			2580	2595	2610
BPSK	1	1	21.77	21.68	21.69
	1	0	21.13	21.27	21.15
QPSK	1	1	21.82	21.94	21.78
	1	0	20.85	20.91	20.72
	1	26	21.75	21.86	21.71
	1	49	21.75	21.84	21.79
	1	50	21.66	21.53	21.52
	25	0	20.83	20.70	20.81
	25	13	21.68	21.81	21.79
	25	26	20.82	20.88	20.73
	50	0	20.63	20.67	20.77
	51	0	18.85	18.92	18.66
16QAM	1	0	19.88	19.85	19.84
64QAM	1	0	19.50	19.55	19.50
256QAM	1	0	17.14	17.14	17.11

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.13	21.77	23.25	23.89	33.01
QPSK	18.66	21.94	20.78	24.06	33.01
16QAM	19.84	19.88	21.96	22.00	33.01
64QAM	19.5	19.55	21.62	21.67	33.01
256QAM	17.11	17.14	19.23	19.26	33.01

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

NR n38 SCS 30 kHz, SISO, 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	21.82	21.77
	1	0	21.28	21.34	21.22
QPSK	1	1	21.93	22.02	21.89
	1	0	20.89	20.92	20.80
	1	39	21.86	21.90	21.84
	1	76	21.88	21.98	21.86
	1	77	21.64	21.68	21.51
	36	0	20.93	20.90	20.83
	36	21	21.81	21.85	21.89
	36	42	20.95	20.98	20.80
	75	0	20.81	20.86	20.84
	78	0	18.93	18.99	18.82
16QAM	1	0	19.92	19.92	19.85
64QAM	1	0	19.60	19.63	19.54
256QAM	1	0	17.29	17.30	17.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.22	21.82	23.34	23.94	33.01
QPSK	18.82	22.02	20.94	24.14	33.01
16QAM	19.85	19.92	21.97	22.04	33.01
64QAM	19.54	19.63	21.66	21.75	33.01
256QAM	17.24	17.3	19.36	19.42	33.01

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

NR n38 SCS 30 kHz, SISO, 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	21.84	21.89	21.79
	1	0	21.34	21.38	21.31
QPSK	1	1	22.02	22.05	21.97
	1	0	20.94	20.98	20.89
	1	53	21.92	21.92	21.90
	1	104	21.95	22.04	21.93
	1	105	21.66	21.56	21.51
	50	0	20.93	20.97	20.85
	50	28	21.91	21.93	21.89
	50	56	20.95	21.05	20.87
	100	0	20.89	20.95	20.86
	106	0	18.94	18.99	18.92
16QAM	1	0	19.94	19.98	19.92
64QAM	1	0	19.62	19.68	19.55
256QAM	1	0	17.29	17.34	17.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.31	21.89	23.43	24.01	33.01
QPSK	18.92	22.05	21.04	24.17	33.01
16QAM	19.92	19.98	22.04	22.10	33.01
64QAM	19.55	19.68	21.67	21.80	33.01
256QAM	17.24	17.34	19.36	19.46	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	18.12	17.25	20.72	18.21	17.39	20.83	18.11	17.42	20.79
	1	0	17.00	16.12	19.59	17.01	16.33	19.69	16.99	16.25	19.65
	1	11	18.05	17.11	20.62	18.09	17.29	20.72	17.99	17.27	20.66
	1	22	18.01	17.18	20.63	18.10	17.26	20.71	18.07	17.22	20.68
	1	23	18.06	17.15	20.64	18.07	17.26	20.69	18.03	17.23	20.66
	12	0	16.98	16.10	19.57	17.04	16.21	19.66	16.96	16.26	19.63
	12	6	18.01	17.09	20.58	18.11	17.29	20.73	18.01	17.19	20.63
	12	12	16.96	16.18	19.60	17.08	16.21	19.68	17.06	16.32	19.72
	24	0	17.07	16.15	19.64	17.12	16.32	19.75	17.03	16.28	19.68
16QAM	1	1	16.10	15.07	18.63	16.11	15.24	18.71	15.98	15.34	18.68
64QAM	1	1	15.54	14.58	18.10	15.51	14.73	18.15	15.51	14.75	18.16
256QAM	1	1	13.51	12.59	16.08	13.54	12.85	16.22	13.53	12.77	16.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.57	20.83	21.01	22.27	33.01
16QAM	18.63	18.71	20.07	20.15	33.01
64QAM	18.1	18.16	19.54	19.6	33.01
256QAM	16.08	16.22	17.52	17.66	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	17.45	20.83	18.23	17.41	20.85	18.17	17.42	20.82
	1	0	17.04	16.32	19.71	17.05	16.33	19.72	17.04	16.29	19.69
	1	19	18.09	17.31	20.73	18.11	17.31	20.74	18.04	17.30	20.70
	1	36	18.05	17.37	20.73	18.14	17.28	20.74	18.12	17.27	20.73
	1	37	18.10	17.35	20.75	18.11	17.28	20.73	18.08	17.26	20.70
	18	0	17.03	16.30	19.69	17.08	16.23	19.69	17.01	16.29	19.68
	18	10	18.05	17.28	20.69	18.15	17.31	20.76	18.06	17.25	20.68
	18	20	17.02	16.38	19.72	17.12	16.23	19.71	17.11	16.35	19.76
	36	0	17.11	16.35	19.76	17.16	16.34	19.78	17.08	16.33	19.73
	38	0	17.08	16.26	19.70	17.06	16.21	19.67	17.06	16.25	19.68
16QAM	1	1	16.14	15.31	18.76	16.15	15.26	18.74	16.04	15.37	18.73
64QAM	1	1	15.62	14.78	18.23	15.55	14.75	18.18	15.60	14.78	18.22
256QAM	1	1	13.58	12.79	16.21	13.58	12.87	16.25	13.58	12.80	16.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.67	20.85	21.11	22.29	33.01
16QAM	18.73	18.76	20.17	20.2	33.01
64QAM	18.18	18.23	19.62	19.67	33.01
256QAM	16.21	16.25	17.65	17.69	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	18.22	17.48	20.88	18.28	17.44	20.89	18.22	17.45	20.86
	1	0	17.08	16.35	19.74	17.15	16.36	19.78	17.10	16.32	19.74
	1	26	18.14	17.36	20.78	18.16	17.35	20.78	18.09	17.33	20.74
	1	49	18.10	17.40	20.77	18.18	17.31	20.78	18.16	17.30	20.76
	1	50	18.15	17.37	20.79	18.16	17.32	20.77	18.13	17.31	20.75
	25	0	17.06	16.33	19.72	17.14	16.26	19.73	17.06	16.32	19.72
	25	13	18.10	17.34	20.75	18.17	17.36	20.79	18.12	17.29	20.74
	25	26	17.06	16.41	19.76	17.19	16.26	19.76	17.16	16.38	19.80
	50	0	17.16	16.41	19.81	17.21	16.37	19.82	17.15	16.37	19.79
	51	0	17.13	16.29	19.74	17.11	16.24	19.71	17.11	16.28	19.73
16QAM	1	1	16.17	15.35	18.79	16.20	15.29	18.78	16.11	15.40	18.78
64QAM	1	1	15.67	14.81	18.27	15.60	14.78	18.22	15.65	14.80	18.26
256QAM	1	1	13.63	12.82	16.25	13.63	12.90	16.29	13.65	12.83	16.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	19.71	20.89	21.15	22.33	33.01
16QAM	18.78	18.79	20.22	20.23	33.01
64QAM	18.22	18.27	19.66	19.71	33.01
256QAM	16.25	16.29	17.69	17.73	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, SISO, 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	25.77	25.85	25.86
	1	0	22.26	22.35	22.31
QPSK	1	1	25.83	25.93	25.95
	1	0	22.58	22.58	22.62
	1	11	25.74	25.83	25.76
	1	22	25.80	25.92	25.87
	1	23	22.48	22.56	22.50
	12	0	24.82	24.88	24.94
	12	6	25.71	25.76	25.77
	12	12	24.80	24.88	24.85
	24	0	24.73	24.90	24.82
16QAM	1	0	22.35	22.42	22.41
64QAM	1	0	22.16	22.29	22.25
256QAM	1	0	21.24	21.36	21.26

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.26	25.86	24.42	28.02	33.01
QPSK	22.48	25.95	24.64	28.11	33.01
16QAM	22.35	22.42	24.41	24.58	33.01
64QAM	22.16	22.29	24.32	24.45	33.01
256QAM	21.24	21.36	23.40	23.52	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.74	25.82	25.83
	1	0	22.24	22.36	22.33
QPSK	1	1	25.85	25.91	25.93
	1	0	22.52	22.58	22.65
	1	19	25.79	25.78	25.75
	1	36	25.74	25.88	25.84
	1	37	22.53	22.56	22.51
	18	0	24.80	24.92	24.88
	18	10	25.68	25.79	25.79
	18	20	24.84	24.93	24.85
	36	0	24.74	24.83	24.87
	38	0	22.77	22.95	22.92
16QAM	1	0	22.30	22.43	22.42
64QAM	1	0	22.20	22.30	22.23
256QAM	1	0	21.27	21.35	21.25

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.24	25.83	24.40	27.99	33.01
QPSK	22.51	25.93	24.67	28.09	33.01
16QAM	22.30	22.43	24.46	24.59	33.01
64QAM	22.20	22.30	24.36	24.46	33.01
256QAM	21.25	21.35	23.41	23.51	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.77	25.86	25.81
	1	0	22.25	22.35	22.31
QPSK	1	1	25.87	25.96	25.94
	1	0	22.54	22.66	22.56
	1	26	25.79	25.85	25.83
	1	49	25.77	25.91	25.81
	1	50	22.52	22.59	22.51
	25	0	24.79	24.87	24.89
	25	13	25.71	25.78	25.83
	25	26	24.77	24.88	24.84
	50	0	24.73	24.85	24.86
	51	0	22.79	22.91	22.85
16QAM	1	0	22.34	22.38	22.36
64QAM	1	0	22.19	22.30	22.29
256QAM	1	0	21.17	21.35	21.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.25	25.86	24.41	28.02	33.01
QPSK	22.51	25.96	24.67	28.12	33.01
16QAM	22.34	22.38	24.50	24.54	33.01
64QAM	22.19	22.30	24.35	24.46	33.01
256QAM	21.17	21.35	23.33	23.51	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.74	25.88	25.78
	1	0	22.33	22.36	22.38
QPSK	1	1	25.86	25.93	25.91
	1	0	22.53	22.68	22.62
	1	39	25.71	25.86	25.85
	1	76	25.82	25.85	25.89
	1	77	22.48	22.56	22.52
	36	0	24.79	24.88	24.92
	36	21	25.68	25.76	25.76
	36	42	24.83	24.88	24.92
	75	0	24.74	24.89	24.86
	78	0	22.85	22.88	22.88
16QAM	1	0	22.32	22.45	22.35
64QAM	1	0	22.13	22.27	22.25
256QAM	1	0	21.26	21.27	21.29

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.33	25.88	24.49	28.04	33.01
QPSK	22.48	25.93	24.64	28.09	33.01
16QAM	22.32	22.45	24.48	24.61	33.01
64QAM	22.13	22.27	24.29	24.43	33.01
256QAM	21.26	21.29	23.42	23.45	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.76	25.88	25.86
	1	0	22.28	22.33	22.33
QPSK	1	1	25.82	25.97	25.87
	1	0	22.56	22.65	22.62
	1	53	25.74	25.78	25.85
	1	104	25.79	25.89	25.89
	1	105	22.47	22.54	22.51
	50	0	24.87	24.96	24.89
	50	28	25.68	25.79	25.83
	50	56	24.77	24.91	24.90
	100	0	24.79	24.82	24.88
	106	0	22.84	22.87	22.87
16QAM	1	0	22.36	22.46	22.42
64QAM	1	0	22.18	22.32	22.19
256QAM	1	0	21.25	21.30	21.26

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.28	25.88	24.44	28.04	33.01
QPSK	22.47	25.97	24.63	28.13	33.01
16QAM	22.36	22.46	24.52	24.62	33.01
64QAM	22.18	22.32	24.34	24.48	33.01
256QAM	21.25	21.30	23.41	23.46	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.73	25.88	25.82
	1	0	22.28	22.34	22.38
QPSK	1	1	25.83	25.95	25.92
	1	0	22.49	22.66	22.57
	1	67	25.71	25.78	25.82
	1	131	25.81	25.83	25.80
	1	132	22.52	22.59	22.59
	64	0	24.80	24.93	24.93
	64	35	25.70	25.84	25.73
	64	69	24.81	24.89	24.84
	128	0	24.78	24.83	24.89
	133	0	22.77	22.86	22.90
16QAM	1	0	22.32	22.39	22.38
64QAM	1	0	22.17	22.22	22.25
256QAM	1	0	21.20	21.33	21.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.28	25.88	24.44	28.04	33.01
QPSK	22.49	25.95	24.65	28.11	33.01
16QAM	22.32	22.39	24.48	24.55	33.01
64QAM	22.17	22.25	24.33	24.41	33.01
256QAM	21.20	21.33	23.36	23.49	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.75	25.91	25.87
	1	0	22.27	22.34	22.39
QPSK	1	1	25.84	25.97	25.92
	1	0	22.49	22.64	22.59
	1	81	25.73	25.84	25.79
	1	160	25.77	25.90	25.84
	1	161	22.48	22.62	22.55
	81	0	24.81	24.87	24.93
	81	41	25.73	25.76	25.81
	81	81	24.86	24.86	24.84
	162	0	24.80	24.86	24.80
16QAM	1	0	22.36	22.38	22.36
64QAM	1	0	22.13	22.27	22.24
256QAM	1	0	21.25	21.27	21.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.27	25.91	24.43	28.07	33.01
QPSK	22.48	25.97	24.64	28.13	33.01
16QAM	22.36	22.38	24.52	24.54	33.01
64QAM	22.13	22.27	24.29	24.43	33.01
256QAM	21.25	21.33	23.41	23.49	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.73	25.89	25.83
	1	0	22.25	22.41	22.35
QPSK	1	1	25.86	25.97	25.92
	1	0	22.56	22.66	22.57
	1	109	25.71	25.81	25.82
	1	215	25.77	25.89	25.88
	1	216	22.48	22.59	22.53
	108	0	24.85	24.89	24.88
	108	55	25.68	25.79	25.78
	108	109	24.78	24.88	24.82
	216	0	24.83	24.90	24.81
	217	0	22.86	22.85	22.83
16QAM	1	0	22.33	22.40	22.39
64QAM	1	0	22.23	22.30	22.21
256QAM	1	0	21.26	21.34	21.28

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.25	25.89	24.41	28.05	33.01
QPSK	22.48	25.97	24.64	28.13	33.01
16QAM	22.33	22.40	24.49	24.56	33.01
64QAM	22.21	22.30	24.37	24.46	33.01
256QAM	21.26	21.34	23.42	23.50	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.80	25.82	25.84
	1	0	22.28	22.35	22.31
QPSK	1	1	25.86	25.97	25.93
	1	0	22.56	22.67	22.56
	1	123	25.74	25.88	25.75
	1	243	25.83	25.90	25.87
	1	244	22.52	22.60	22.53
	120	0	24.79	24.94	24.88
	120	63	25.71	25.84	25.83
	120	125	24.84	24.92	24.87
	243	0	24.83	24.87	24.80
	245	0	22.82	22.86	22.87
16QAM	1	0	22.33	22.44	22.43
64QAM	1	0	22.16	22.24	22.22
256QAM	1	0	21.20	21.29	21.30

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.28	25.84	24.44	28.00	33.01
QPSK	22.52	25.97	24.68	28.13	33.01
16QAM	22.33	22.44	24.49	24.60	33.01
64QAM	22.16	22.24	24.32	24.40	33.01
256QAM	21.20	21.30	23.36	23.46	33.01

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

NR n41 SCS 30 kHz, SISO, 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	25.82	25.91	25.88
	1	0	22.33	22.42	22.39
QPSK	1	1	25.89	25.98	25.95
	1	0	22.59	22.68	22.65
	1	137	25.79	25.88	25.85
	1	271	25.84	25.93	25.90
	1	272	22.53	22.62	22.59
	135	0	24.88	24.97	24.94
	135	69	25.77	25.86	25.83
	135	138	24.86	24.95	24.92
	270	0	24.83	24.92	24.89
	273	0	22.86	22.95	22.92
16QAM	1	0	22.37	22.46	22.43
64QAM	1	0	22.23	22.32	22.29
256QAM	1	0	21.27	21.36	21.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.33	25.91	24.49	28.07	33.01
QPSK	22.53	25.98	24.69	28.14	33.01
16QAM	22.37	22.46	24.53	24.62	33.01
64QAM	22.23	22.32	24.39	24.48	33.01
256QAM	21.27	21.36	23.43	23.52	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	21.26	20.68	23.99	21.41	20.81	24.13	21.29	20.67	24.00
	1	0	20.11	19.44	22.80	20.35	19.56	22.98	20.14	19.51	22.85
	1	11	21.27	20.59	23.95	21.26	20.67	23.99	21.18	20.60	23.91
	1	22	21.20	20.50	23.87	21.21	20.66	23.95	21.10	20.62	23.88
	1	23	21.21	20.51	23.88	21.36	20.64	24.03	21.22	20.57	23.92
	12	0	20.19	19.50	22.87	20.25	19.66	22.98	20.11	19.53	22.84
	12	6	21.24	20.62	23.95	21.17	20.53	23.87	21.18	20.51	23.87
	12	12	20.10	19.52	22.83	20.17	19.69	22.95	20.16	19.63	22.91
	24	0	20.19	19.58	22.91	20.31	19.68	23.02	20.21	19.65	22.95
16QAM	1	1	19.20	18.57	21.91	19.21	18.65	21.95	19.21	18.47	21.87
64QAM	1	1	18.75	18.03	21.42	18.72	18.17	21.46	18.59	18.06	21.34
256QAM	1	1	16.67	15.98	19.35	16.77	16.02	19.42	16.71	16.05	19.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.8	24.13	24.83	26.16	33.01
16QAM	21.87	21.95	23.9	23.98	33.01
64QAM	21.34	21.46	23.37	23.49	33.01
256QAM	19.35	19.42	21.38	21.45	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	21.27	20.64	23.98	21.36	20.72	24.06	21.32	20.71	24.04
	1	0	20.14	19.51	22.85	20.27	19.57	22.94	20.14	19.57	22.87
	1	19	21.26	20.57	23.94	21.21	20.64	23.94	21.21	20.54	23.90
	1	36	21.19	20.59	23.91	21.25	20.57	23.93	21.11	20.61	23.88
	1	37	21.19	20.54	23.89	21.29	20.68	24.01	21.23	20.62	23.95
	18	0	20.23	19.53	22.90	20.29	19.65	22.99	20.16	19.54	22.87
	18	10	21.29	20.63	23.98	21.23	20.56	23.92	21.26	20.43	23.88
	18	20	20.16	19.46	22.83	20.15	19.74	22.96	20.17	19.55	22.88
	36	0	20.22	19.67	22.96	20.31	19.70	23.03	20.19	19.58	22.91
	38	0	20.20	19.62	22.93	20.25	19.59	22.94	20.22	19.52	22.89
16QAM	1	1	19.20	18.62	21.93	19.26	18.69	21.99	19.14	18.48	21.83
64QAM	1	1	18.78	18.00	21.42	18.72	18.20	21.48	18.65	18.08	21.38
256QAM	1	1	16.59	15.99	19.31	16.78	16.03	19.43	16.72	16.04	19.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.83	24.06	24.86	26.09	33.01
16QAM	21.83	21.99	23.86	24.02	33.01
64QAM	21.38	21.48	23.41	23.51	33.01
256QAM	19.31	19.43	21.34	21.46	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	21.26	20.65	23.98	21.37	20.72	24.07	21.30	20.64	23.99
	1	0	20.08	19.53	22.82	20.28	19.62	22.97	20.08	19.53	22.82
	1	26	21.21	20.52	23.89	21.18	20.61	23.91	21.22	20.56	23.91
	1	49	21.27	20.59	23.95	21.27	20.60	23.96	21.19	20.61	23.92
	1	50	21.28	20.54	23.94	21.30	20.70	24.02	21.23	20.57	23.92
	25	0	20.17	19.57	22.89	20.35	19.74	23.07	20.13	19.50	22.84
	25	13	21.29	20.64	23.99	21.25	20.62	23.96	21.22	20.48	23.88
	25	26	20.18	19.46	22.85	20.18	19.67	22.94	20.07	19.57	22.84
	50	0	20.22	19.61	22.94	20.32	19.74	23.05	20.24	19.65	22.97
	51	0	20.21	19.62	22.94	20.27	19.60	22.96	20.18	19.47	22.85
16QAM	1	1	19.28	18.55	21.94	19.24	18.65	21.97	19.20	18.48	21.87
64QAM	1	1	18.78	18.04	21.44	18.65	18.13	21.41	18.63	18.02	21.35
256QAM	1	1	16.64	15.96	19.32	16.78	16.05	19.44	16.71	16.07	19.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.82	24.07	24.85	26.1	33.01
16QAM	21.87	21.97	23.9	24	33.01
64QAM	21.35	21.44	23.38	23.47	33.01
256QAM	19.32	19.44	21.35	21.47	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	21.35	20.65	24.02	21.32	20.78	24.07	21.25	20.70	23.99
	1	0	20.18	19.48	22.85	20.29	19.58	22.96	20.16	19.52	22.86
	1	39	21.27	20.52	23.92	21.21	20.70	23.97	21.23	20.53	23.90
	1	76	21.27	20.58	23.95	21.27	20.66	23.99	21.10	20.55	23.84
	1	77	21.27	20.60	23.96	21.28	20.68	24.00	21.17	20.54	23.88
	36	0	20.23	19.50	22.89	20.34	19.69	23.04	20.15	19.47	22.83
	36	21	21.22	20.63	23.95	21.27	20.53	23.93	21.25	20.44	23.87
	36	42	20.10	19.56	22.85	20.15	19.70	22.94	20.17	19.54	22.88
	75	0	20.25	19.62	22.96	20.26	19.76	23.03	20.24	19.61	22.95
	78	0	20.19	19.53	22.88	20.25	19.60	22.95	20.13	19.54	22.86
16QAM	1	1	19.26	18.57	21.94	19.25	18.66	21.98	19.19	18.51	21.87
64QAM	1	1	18.72	18.05	21.41	18.63	18.10	21.38	18.66	18.00	21.35
256QAM	1	1	16.69	16.00	19.37	16.81	16.08	19.47	16.65	16.03	19.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.83	24.07	24.86	26.1	33.01
16QAM	21.87	21.98	23.9	24.01	33.01
64QAM	21.35	21.41	23.38	23.44	33.01
256QAM	19.36	19.47	21.39	21.5	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	21.27	20.62	23.97	21.36	20.79	24.09	21.33	20.68	24.03
	1	0	20.18	19.54	22.88	20.30	19.62	22.98	20.08	19.53	22.82
	1	53	21.24	20.50	23.90	21.18	20.66	23.94	21.17	20.54	23.88
	1	104	21.22	20.59	23.93	21.25	20.66	23.98	21.18	20.63	23.92
	1	105	21.27	20.57	23.94	21.33	20.64	24.01	21.18	20.62	23.92
	50	0	20.24	19.52	22.91	20.33	19.66	23.02	20.07	19.57	22.84
	50	28	21.28	20.57	23.95	21.24	20.56	23.92	21.24	20.51	23.90
	50	56	20.12	19.56	22.86	20.25	19.73	23.01	20.13	19.56	22.86
	100	0	20.26	19.64	22.97	20.30	19.69	23.02	20.17	19.63	22.92
	106	0	20.16	19.59	22.89	20.28	19.63	22.98	20.21	19.47	22.87
16QAM	1	1	19.26	18.61	21.96	19.22	18.66	21.96	19.21	18.53	21.89
64QAM	1	1	18.68	17.97	21.35	18.68	18.19	21.45	18.59	17.99	21.31
256QAM	1	1	16.61	15.93	19.29	16.80	16.08	19.47	16.64	16.10	19.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.82	24.09	24.85	26.12	33.01
16QAM	21.89	21.96	23.92	23.99	33.01
64QAM	21.31	21.45	23.34	23.48	33.01
256QAM	19.29	19.47	21.32	21.5	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	21.29	20.71	24.02	21.38	20.74	24.08	21.33	20.62	24.00
	1	0	20.10	19.44	22.79	20.28	19.63	22.98	20.12	19.57	22.86
	1	67	21.22	20.52	23.89	21.26	20.62	23.96	21.17	20.57	23.89
	1	131	21.19	20.54	23.89	21.27	20.59	23.95	21.20	20.58	23.91
	1	132	21.23	20.55	23.91	21.27	20.69	24.00	21.24	20.62	23.95
	64	0	20.22	19.52	22.89	20.34	19.67	23.03	20.08	19.51	22.81
	64	35	21.25	20.61	23.95	21.19	20.53	23.88	21.23	20.43	23.86
	64	69	20.13	19.47	22.82	20.18	19.66	22.94	20.17	19.56	22.89
	128	0	20.29	19.63	22.98	20.36	19.76	23.08	20.16	19.57	22.89
	133	0	20.23	19.57	22.92	20.22	19.59	22.93	20.14	19.52	22.85
16QAM	1	1	19.19	18.55	21.89	19.20	18.72	21.98	19.21	18.51	21.88
64QAM	1	1	18.75	18.03	21.42	18.65	18.15	21.42	18.63	18.02	21.35
256QAM	1	1	16.60	15.94	19.29	16.84	16.10	19.50	16.67	16.10	19.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.79	24.08	24.82	26.11	33.01
16QAM	21.88	21.98	23.91	24.01	33.01
64QAM	21.35	21.42	23.38	23.45	33.01
256QAM	19.29	19.5	21.32	21.53	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	21.34	20.65	24.02	21.39	20.75	24.09	21.26	20.67	23.99
	1	0	20.11	19.54	22.84	20.28	19.57	22.95	20.11	19.55	22.85
	1	81	21.20	20.52	23.88	21.26	20.70	24.00	21.14	20.54	23.86
	1	160	21.24	20.58	23.93	21.30	20.63	23.99	21.14	20.60	23.89
	1	161	21.22	20.57	23.92	21.35	20.64	24.02	21.21	20.57	23.91
	81	0	20.24	19.59	22.94	20.25	19.68	22.98	20.09	19.54	22.83
	81	41	21.23	20.59	23.93	21.24	20.57	23.93	21.20	20.47	23.86
	81	81	20.09	19.46	22.80	20.17	19.73	22.97	20.09	19.60	22.86
	162	0	20.21	19.62	22.94	20.31	19.77	23.06	20.25	19.64	22.97
16QAM	1	1	19.26	18.55	21.93	19.23	18.64	21.96	19.20	18.47	21.86
64QAM	1	1	18.78	18.04	21.44	18.65	18.14	21.41	18.66	18.06	21.38
256QAM	1	1	16.60	15.95	19.30	16.83	16.07	19.48	16.73	16.06	19.42

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.8	24.09	24.83	26.12	33.01
16QAM	21.86	21.96	23.89	23.99	33.01
64QAM	21.38	21.44	23.41	23.47	33.01
256QAM	19.3	19.48	21.33	21.51	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	21.31	20.69	24.02	21.35	20.75	24.07	21.25	20.70	23.99
	1	0	20.15	19.49	22.84	20.30	19.54	22.95	20.12	19.53	22.85
	1	109	21.26	20.52	23.92	21.20	20.70	23.97	21.16	20.59	23.89
	1	215	21.19	20.56	23.90	21.20	20.66	23.95	21.10	20.53	23.83
	1	216	21.24	20.57	23.93	21.28	20.66	23.99	21.19	20.64	23.93
	108	0	20.24	19.51	22.90	20.29	19.73	23.03	20.12	19.53	22.85
	108	55	21.25	20.59	23.94	21.26	20.58	23.94	21.19	20.44	23.84
	108	109	20.11	19.51	22.83	20.25	19.73	23.01	20.07	19.62	22.86
	216	0	20.26	19.59	22.95	20.30	19.72	23.03	20.18	19.60	22.91
	217	0	20.19	19.62	22.92	20.22	19.61	22.94	20.17	19.49	22.85
16QAM	1	1	19.22	18.55	21.91	19.21	18.67	21.96	19.24	18.53	21.91
64QAM	1	1	18.76	18.06	21.43	18.72	18.12	21.44	18.67	18.06	21.39
256QAM	1	1	16.69	15.98	19.36	16.81	16.08	19.47	16.65	16.05	19.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.83	24.07	24.86	26.1	33.01
16QAM	21.91	21.96	23.94	23.99	33.01
64QAM	21.39	21.44	23.42	23.47	33.01
256QAM	19.36	19.47	21.39	21.5	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	21.36	20.70	24.05	21.39	20.74	24.09	21.29	20.67	24.00
	1	0	20.15	19.51	22.85	20.27	19.56	22.94	20.15	19.54	22.87
	1	123	21.18	20.52	23.87	21.26	20.66	23.98	21.20	20.57	23.91
	1	243	21.19	20.57	23.90	21.25	20.63	23.96	21.12	20.63	23.89
	1	244	21.28	20.56	23.95	21.27	20.65	23.98	21.17	20.56	23.89
	120	0	20.21	19.51	22.88	20.28	19.70	23.01	20.15	19.57	22.88
	120	63	21.19	20.63	23.93	21.26	20.53	23.92	21.19	20.52	23.88
	120	125	20.12	19.51	22.84	20.17	19.75	22.98	20.07	19.58	22.84
	243	0	20.24	19.66	22.97	20.26	19.69	22.99	20.24	19.58	22.93
	245	0	20.16	19.63	22.91	20.19	19.62	22.92	20.12	19.50	22.83
16QAM	1	1	19.22	18.59	21.93	19.22	18.63	21.95	19.24	18.47	21.88
64QAM	1	1	18.69	17.99	21.36	18.73	18.10	21.44	18.60	18.00	21.32
256QAM	1	1	16.59	15.98	19.31	16.86	16.11	19.51	16.64	16.06	19.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.83	24.09	24.86	26.12	33.01
16QAM	21.88	21.95	23.91	23.98	33.01
64QAM	21.32	21.44	23.35	23.47	33.01
256QAM	19.31	19.51	21.34	21.54	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	21.36	20.72	24.06	21.42	20.81	24.14	21.33	20.71	24.04
	1	0	20.18	19.54	22.88	20.35	19.64	23.02	20.18	19.61	22.91
	1	137	21.28	20.60	23.96	21.28	20.71	24.01	21.24	20.60	23.94
	1	271	21.29	20.59	23.96	21.30	20.66	24.00	21.20	20.63	23.93
	1	272	21.29	20.61	23.97	21.36	20.72	24.06	21.24	20.64	23.96
	135	0	20.27	19.59	22.95	20.35	19.74	23.07	20.17	19.57	22.89
	135	69	21.29	20.64	23.99	21.27	20.63	23.97	21.27	20.53	23.93
	135	138	20.18	19.56	22.89	20.25	19.75	23.02	20.17	19.63	22.92
	270	0	20.29	19.68	23.01	20.36	19.77	23.09	20.25	19.65	22.97
	273	0	20.24	19.63	22.96	20.28	19.69	23.01	20.22	19.55	22.91
16QAM	1	1	19.28	18.65	21.99	19.3	18.73	22.03	19.24	18.54	21.91
64QAM	1	1	18.78	18.07	21.45	18.73	18.2	21.48	18.67	18.09	21.40
256QAM	1	1	16.69	16.03	19.38	16.87	16.11	19.52	16.74	16.1	19.44

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	22.88	24.14	24.91	26.17	33.01
16QAM	21.91	22.03	23.94	24.06	33.01
64QAM	21.4	21.48	23.43	23.51	33.01
256QAM	19.38	19.52	21.41	21.55	33.01

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

7.1.14 NR n66 SCS 15 kHz - SISO

NR n66 SCS 15 kHz, SISO, 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	22.59	22.64	22.58
	1	0	22.15	22.11	22.08
QPSK	1	1	22.61	22.69	22.60
	1	0	21.70	21.69	21.62
	1	13	22.65	22.66	22.58
	1	23	22.56	22.63	22.53
	1	24	22.54	22.62	22.55
	12	0	21.61	21.62	21.58
	12	7	22.63	22.64	22.55
	12	13	21.55	21.63	21.57
	25	0	21.53	21.61	21.61
16QAM	1	0	20.61	20.73	20.64
64QAM	1	0	20.15	20.27	20.15
256QAM	1	0	18.13	18.15	18.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	22.64	23.81	24.37	30
QPSK	21.53	22.69	23.26	24.42	30
16QAM	20.61	20.73	22.34	22.46	30
64QAM	20.15	20.27	21.88	22	30
256QAM	18.13	18.15	19.86	19.88	30

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

NR n66 SCS 15 kHz, SISO, 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	22.62	22.59	22.54
	1	0	22.10	22.10	22.05
QPSK	1	1	22.61	22.69	22.58
	1	0	21.68	21.73	21.70
	1	26	22.60	22.65	22.54
	1	50	22.56	22.56	22.52
	1	51	22.52	22.57	22.55
	25	0	21.69	21.67	21.59
	25	14	22.57	22.63	22.55
	25	27	21.58	21.63	21.53
	50	0	21.58	21.58	21.53
	52	0	19.56	19.62	19.62
16QAM	1	0	20.68	20.65	20.68
64QAM	1	0	20.22	20.20	20.19
256QAM	1	0	18.19	18.18	18.19

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.05	22.62	23.78	24.35	30
QPSK	19.56	22.69	21.29	24.42	30
16QAM	20.65	20.68	22.38	22.41	30
64QAM	20.19	20.22	21.92	21.95	30
256QAM	18.18	18.19	19.91	19.92	30

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

NR n66 SCS 15 kHz, SISO, 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	22.58	22.62	22.59
	1	0	22.15	22.08	22.08
QPSK	1	1	22.59	22.61	22.60
	1	0	21.65	21.72	21.63
	1	40	22.55	22.60	22.63
	1	77	22.51	22.60	22.56
	1	78	22.55	22.57	22.55
	36	0	21.66	21.71	21.67
	36	22	22.60	22.65	22.62
	36	43	21.57	21.58	21.61
	75	0	21.61	21.60	21.55
	79	0	19.59	19.61	19.53
16QAM	1	0	20.62	20.71	20.59
64QAM	1	0	20.21	20.20	20.17
256QAM	1	0	18.17	18.18	18.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	22.62	23.81	24.35	30
QPSK	19.53	22.65	21.26	24.38	30
16QAM	20.59	20.71	22.32	22.44	30
64QAM	20.17	20.21	21.9	21.94	30
256QAM	18.16	18.18	19.89	19.91	30

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

NR n66 SCS 15 kHz, SISO, 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	22.63	22.66	22.60
	1	0	22.12	22.11	22.11
QPSK	1	1	22.67	22.68	22.59
	1	0	21.63	21.67	21.61
	1	53	22.59	22.62	22.54
	1	104	22.57	22.61	22.54
	1	105	22.58	22.52	22.54
	50	0	21.65	21.71	21.66
	50	28	22.63	22.60	22.62
	50	56	21.59	21.64	21.55
	100	0	21.62	21.64	21.59
	106	0	19.55	19.63	19.57
16QAM	1	0	20.68	20.69	20.59
64QAM	1	0	20.18	20.25	20.19
256QAM	1	0	18.22	18.20	18.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.11	22.66	23.84	24.39	30
QPSK	19.55	22.68	21.28	24.41	30
16QAM	20.59	20.69	22.32	22.42	30
64QAM	20.18	20.25	21.91	21.98	30
256QAM	18.13	18.22	19.86	19.95	30

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

NR n66 SCS 15 kHz, SISO, 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	22.66	22.59	22.60
	1	0	22.12	22.16	22.08
QPSK	1	1	22.68	22.68	22.56
	1	0	21.73	21.72	21.70
	1	67	22.64	22.59	22.57
	1	131	22.58	22.54	22.54
	1	132	22.53	22.52	22.53
	64	0	21.67	21.66	21.62
	64	35	22.60	22.59	22.62
	64	69	21.65	21.62	21.61
	128	0	21.53	21.63	21.61
	133	0	19.58	19.61	19.54
16QAM	1	0	20.64	20.72	20.65
64QAM	1	0	20.24	20.18	20.16
256QAM	1	0	18.20	18.23	18.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	22.66	23.81	24.39	30
QPSK	19.54	22.68	21.27	24.41	30
16QAM	20.64	20.72	22.37	22.45	30
64QAM	20.16	20.24	21.89	21.97	30
256QAM	18.2	18.23	19.93	19.96	30

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

NR n66 SCS 15 kHz, SISO, 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	22.63	22.60	22.58
	1	0	22.10	22.09	22.09
QPSK	1	1	22.60	22.70	22.61
	1	0	21.72	21.68	21.68
	1	80	22.60	22.63	22.54
	1	158	22.59	22.57	22.54
	1	159	22.51	22.55	22.55
	80	0	21.65	21.64	21.59
	80	40	22.57	22.65	22.54
	80	80	21.56	21.62	21.55
	160	0	21.62	21.58	21.51
16QAM	1	0	20.60	20.69	20.64
64QAM	1	0	20.21	20.25	20.21
256QAM	1	0	18.17	18.17	18.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.09	22.63	23.82	24.36	30
QPSK	21.51	22.7	23.24	24.43	30
16QAM	20.6	20.69	22.33	22.42	30
64QAM	20.21	20.25	21.94	21.98	30
256QAM	18.17	18.2	19.9	19.93	30

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

NR n66 SCS 15 kHz, SISO, 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	22.59	22.62	22.55
	1	0	22.14	22.08	22.07
QPSK	1	1	22.66	22.65	22.56
	1	0	21.65	21.76	21.71
	1	94	22.65	22.60	22.54
	1	186	22.55	22.58	22.52
	1	187	22.56	22.55	22.51
	80	0	21.63	21.72	21.58
	94	47	22.56	22.62	22.60
	94	94	21.62	21.59	21.56
	180	0	21.53	21.57	21.55
	188	0	19.62	19.57	19.61
16QAM	1	0	20.63	20.64	20.63
64QAM	1	0	20.18	20.26	20.12
256QAM	1	0	18.19	18.19	18.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.07	22.62	23.8	24.35	30
QPSK	19.57	22.66	21.3	24.39	30
16QAM	20.63	20.64	22.36	22.37	30
64QAM	20.12	20.26	21.85	21.99	30
256QAM	18.15	18.19	19.88	19.92	30

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

NR n66 SCS 15 kHz, SISO, 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	22.66	22.69	22.64
	1	0	22.15	22.18	22.13
QPSK	1	1	22.68	22.71	22.66
	1	0	21.73	21.76	21.71
	1	108	22.65	22.68	22.63
	1	214	22.61	22.64	22.59
	1	215	22.59	22.62	22.57
	108	0	21.69	21.72	21.67
	108	54	22.64	22.67	22.62
	108	108	21.65	21.68	21.63
	216	0	21.63	21.66	21.61
16QAM	1	0	20.70	20.73	20.68
64QAM	1	0	20.24	20.27	20.22
256QAM	1	0	18.22	18.25	18.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.13	22.69	23.86	24.42	30
QPSK	21.61	22.71	23.34	24.44	30
16QAM	20.68	20.73	22.41	22.46	30
64QAM	20.22	20.27	21.95	22	30
256QAM	18.2	18.25	19.93	19.98	30

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

7.1.15 NR n71 SCS 15 kHz - SISO

NR n71 SCS 15 kHz, SISO, 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	22.82	22.82	22.74
	1	0	22.39	22.34	22.28
QPSK	1	1	22.84	22.84	22.73
	1	0	21.78	21.82	21.72
	1	13	22.81	22.76	22.71
	1	23	22.77	22.79	22.66
	1	24	22.83	22.76	22.61
	12	0	21.85	21.80	21.69
	12	7	22.71	22.71	22.61
	12	13	21.73	21.71	21.63
	25	0	21.73	21.62	21.55
16QAM	1	0	20.63	20.64	20.52
64QAM	1	0	20.19	20.12	20.08
256QAM	1	0	18.27	18.22	18.07

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.28	22.82	18.81	19.35	34.77
QPSK	21.55	22.84	18.08	19.37	34.77
16QAM	20.52	20.64	17.05	17.17	34.77
64QAM	20.08	20.19	16.61	16.72	34.77
256QAM	18.07	18.27	14.6	14.8	34.77

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

NR n71 SCS 15 kHz, SISO, 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	22.82	22.82	22.75
	1	0	22.34	22.35	22.21
QPSK	1	1	22.90	22.80	22.72
	1	0	21.83	21.80	21.76
	1	26	22.83	22.80	22.73
	1	50	22.85	22.74	22.65
	1	51	22.83	22.72	22.65
	25	0	21.76	21.80	21.71
	25	14	22.79	22.72	22.65
	25	27	21.74	21.72	21.58
	50	0	21.76	21.67	21.56
	52	0	19.74	19.68	19.69
16QAM	1	0	20.66	20.58	20.54
64QAM	1	0	20.24	20.15	20.12
256QAM	1	0	18.21	18.14	18.06

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.21	22.82	18.74	19.35	34.77
QPSK	19.68	22.9	16.21	19.43	34.77
16QAM	20.54	20.66	17.07	17.19	34.77
64QAM	20.12	20.24	16.65	16.77	34.77
256QAM	18.06	18.21	14.59	14.74	34.77

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

NR n71 SCS 15 kHz, SISO, 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	22.88	22.76	22.66
	1	0	22.35	22.34	22.18
QPSK	1	1	22.88	22.83	22.71
	1	0	21.78	21.77	21.66
	1	40	22.87	22.85	22.67
	1	77	22.79	22.79	22.65
	1	78	22.79	22.76	22.61
	36	0	21.75	21.80	21.70
	36	22	22.72	22.68	22.66
	36	43	21.75	21.64	21.57
	75	0	21.70	21.64	21.62
	79	0	19.74	19.75	19.65
16QAM	1	0	20.62	20.63	20.51
64QAM	1	0	20.19	20.21	20.09
256QAM	1	0	18.27	18.18	18.06

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.18	22.88	18.71	19.41	34.77
QPSK	19.65	22.88	16.18	19.41	34.77
16QAM	20.51	20.63	17.04	17.16	34.77
64QAM	20.09	20.21	16.62	16.74	34.77
256QAM	18.06	18.27	14.59	14.8	34.77

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

NR n71 SCS 15 kHz, SISO, 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	22.79	22.81	22.67
	1	0	22.38	22.28	22.26
QPSK	1	1	22.84	22.83	22.69
	1	0	21.83	21.76	21.69
	1	53	22.80	22.84	22.71
	1	104	22.78	22.72	22.67
	1	105	22.83	22.75	22.65
	50	0	21.82	21.81	21.71
	50	28	22.74	22.66	22.59
	50	56	21.74	21.71	21.56
	100	0	21.72	21.72	21.63
	106	0	19.82	19.72	19.67
16QAM	1	0	20.70	20.56	20.51
64QAM	1	0	20.23	20.14	20.03
256QAM	1	0	18.27	18.19	18.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.26	22.81	18.79	19.34	34.77
QPSK	19.67	22.84	16.2	19.37	34.77
16QAM	20.51	20.7	17.04	17.23	34.77
64QAM	20.03	20.23	16.56	16.76	34.77
256QAM	18.14	18.27	14.67	14.8	34.77

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

NR n71 SCS 15 kHz, SISO, 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	22.83	22.74	22.68
	1	0	22.32	22.27	22.24
QPSK	1	1	22.81	22.83	22.76
	1	0	21.80	21.84	21.75
	1	40	22.80	22.85	22.75
	1	77	22.79	22.78	22.72
	1	78	22.80	22.74	22.66
	36	0	21.82	21.77	21.72
	36	22	22.75	22.76	22.68
	36	43	21.69	21.66	21.56
	75	0	21.69	21.66	21.64
	79	0	19.82	19.72	19.63
16QAM	1	0	20.67	20.63	20.57
64QAM	1	0	20.25	20.16	20.07
256QAM	1	0	18.18	18.23	18.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.24	22.83	18.77	19.36	34.77
QPSK	19.63	22.85	16.16	19.38	34.77
16QAM	20.57	20.67	17.1	17.2	34.77
64QAM	20.07	20.25	16.6	16.78	34.77
256QAM	18.14	18.23	14.67	14.76	34.77

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

NR n71 SCS 15 kHz, SISO, 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	22.88	22.84	22.76
	1	0	22.40	22.36	22.28
QPSK	1	1	22.91	22.87	22.79
	1	0	21.88	21.84	21.76
	1	53	22.89	22.85	22.77
	1	104	22.86	22.82	22.74
	1	105	22.83	22.79	22.71
	80	0	21.85	21.81	21.73
	80	40	22.80	22.76	22.68
	80	80	21.78	21.74	21.66
	160	0	21.76	21.72	21.64
	106	0	19.82	19.78	19.70
16QAM	1	0	20.70	20.66	20.58
64QAM	1	0	20.25	20.21	20.13
256QAM	1	0	18.28	18.24	18.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	22.28	22.88	18.81	19.41	34.77
QPSK	19.7	22.91	16.23	19.44	34.77
16QAM	20.58	20.7	17.11	17.23	34.77
64QAM	20.13	20.25	16.66	16.78	34.77
256QAM	18.16	18.28	14.69	14.81	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), SISO, 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	25.67	25.79	25.70
	1	0	22.08	22.21	22.20
QPSK	1	1	25.66	25.82	25.79
	1	0	22.22	22.25	22.24
	1	11	25.63	25.74	25.72
	1	22	25.66	25.72	25.66
	1	23	22.17	22.24	22.16
	12	0	24.90	24.97	24.89
	12	6	25.72	25.80	25.70
	12	12	24.73	24.78	24.83
	24	0	24.75	24.86	24.82
16QAM	1	0	22.34	22.35	22.35
64QAM	1	0	22.16	22.33	22.25
256QAM	1	0	21.10	21.19	21.09

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	25.79	23.78	27.49	30
QPSK	22.16	25.82	23.86	27.52	30
16QAM	22.34	22.35	24.04	24.05	30
64QAM	22.16	22.33	23.86	24.03	30
256QAM	21.09	21.19	22.79	22.89	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), SISO, 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	25.64	25.71	25.74
	1	0	22.09	22.21	22.13
QPSK	1	1	25.69	25.83	25.73
	1	0	22.20	22.26	22.19
	1	19	25.70	25.69	25.67
	1	36	25.64	25.65	25.69
	1	37	22.11	22.25	22.24
	18	0	24.89	24.95	24.86
	18	10	25.71	25.80	25.76
	18	20	24.78	24.86	24.81
	36	0	24.74	24.84	24.81
	38	0	22.86	22.93	22.88
16QAM	1	0	22.34	22.43	22.39
64QAM	1	0	22.17	22.33	22.29
256QAM	1	0	21.13	21.13	21.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.09	25.74	23.79	27.44	30
QPSK	22.11	25.83	23.81	27.53	30
16QAM	22.34	22.43	24.04	24.13	30
64QAM	22.17	22.33	23.87	24.03	30
256QAM	21.13	21.13	22.83	22.83	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), SISO, 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	25.64	25.80	25.75
	1	0	22.17	22.16	22.16
QPSK	1	1	25.74	25.75	25.71
	1	0	22.15	22.26	22.21
	1	26	25.65	25.73	25.69
	1	49	25.67	25.67	25.66
	1	50	22.12	22.27	22.24
	25	0	24.89	24.92	24.84
	25	13	25.67	25.71	25.73
	25	26	24.75	24.84	24.74
	50	0	24.76	24.84	24.81
	51	0	22.80	22.95	22.92
16QAM	1	0	22.33	22.42	22.39
64QAM	1	0	22.21	22.34	22.29
256QAM	1	0	21.08	21.19	21.12

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.16	25.80	23.86	27.50	30
QPSK	22.12	25.75	23.82	27.45	30
16QAM	22.33	22.42	24.03	24.12	30
64QAM	22.21	22.34	23.91	24.04	30
256QAM	21.08	21.19	22.78	22.89	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), SISO, 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	25.64	25.80	25.71
	1	0	22.09	22.24	22.13
QPSK	1	1	25.75	25.80	25.72
	1	0	22.16	22.24	22.19
	1	39	25.69	25.76	25.64
	1	76	25.64	25.66	25.63
	1	77	22.14	22.26	22.21
	36	0	24.91	24.94	24.94
	36	21	25.67	25.80	25.71
	36	42	24.74	24.83	24.83
	75	0	24.79	24.81	24.76
	78	0	22.89	22.95	22.93
16QAM	1	0	22.32	22.44	22.31
64QAM	1	0	22.20	22.32	22.26
256QAM	1	0	21.08	21.19	21.12

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.09	25.80	23.79	27.50	30
QPSK	22.14	25.80	23.84	27.50	30
16QAM	22.31	22.44	24.01	24.14	30
64QAM	22.20	22.32	23.90	24.02	30
256QAM	21.08	21.19	22.78	22.89	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), SISO, 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	25.69	25.71	25.66
	1	0	22.12	22.20	22.14
QPSK	1	1	25.76	25.80	25.78
	1	0	22.22	22.33	22.19
	1	53	25.65	25.76	25.70
	1	104	25.58	25.68	25.64
	1	105	22.21	22.22	22.20
	50	0	24.86	24.98	24.85
	50	28	25.71	25.77	25.67
	50	56	24.71	24.88	24.83
	100	0	24.81	24.85	24.76
	106	0	22.89	22.96	22.87
16QAM	1	0	22.31	22.39	22.31
64QAM	1	0	22.24	22.25	22.28
256QAM	1	0	21.09	21.20	21.17

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.12	25.71	23.82	27.41	30
QPSK	22.19	25.80	23.89	27.50	30
16QAM	22.31	22.39	24.01	24.09	30
64QAM	22.24	22.28	23.94	23.98	30
256QAM	21.09	21.20	22.79	22.90	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), SISO, 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	25.69	25.79	25.68
	1	0	22.07	22.21	22.13
QPSK	1	1	25.75	25.79	25.70
	1	0	22.19	22.31	22.22
	1	67	25.71	25.72	25.68
	1	131	25.64	25.73	25.67
	1	132	22.15	22.25	22.18
	64	0	24.87	24.90	24.93
	64	35	25.73	25.73	25.70
	64	69	24.77	24.84	24.76
	128	0	24.74	24.81	24.86
	133	0	22.82	22.95	22.87
16QAM	1	0	22.32	22.45	22.34
64QAM	1	0	22.26	22.24	22.27
256QAM	1	0	21.10	21.16	21.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.07	25.79	23.77	27.49	30
QPSK	22.15	25.79	23.85	27.49	30
16QAM	22.32	22.45	24.02	24.15	30
64QAM	22.24	22.27	23.94	23.97	30
256QAM	21.10	21.16	22.80	22.86	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), SISO, 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	25.66	25.75	25.72
	1	0	22.01	22.20	22.10
QPSK	1	1	25.60	25.76	25.71
	1	0	22.11	22.23	22.28
	1	81	25.59	25.79	25.71
	1	160	25.53	25.75	25.63
	1	161	22.10	22.29	22.17
	81	0	24.82	24.95	24.94
	81	41	25.60	25.75	25.68
	81	81	24.71	24.79	24.83
	162	0	24.59	24.86	24.82
16QAM	1	0	22.33	22.36	22.33
64QAM	1	0	22.07	22.26	22.29
256QAM	1	0	21.13	21.20	21.08

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.01	25.75	23.71	27.45	30
QPSK	22.10	25.79	23.80	27.49	30
16QAM	22.33	22.36	24.03	24.06	30
64QAM	22.07	22.29	23.77	23.99	30
256QAM	21.08	21.20	22.78	22.90	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), SISO, 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	25.67	25.81	25.72
	1	0	22.08	22.20	22.11
QPSK	1	1	25.68	25.79	25.71
	1	0	22.11	22.30	22.27
	1	95	25.64	25.71	25.72
	1	187	25.61	25.70	25.69
	1	188	22.14	22.20	22.18
	90	0	24.88	24.92	24.92
	90	50	25.64	25.78	25.74
	90	99	24.72	24.80	24.78
	180	0	24.66	24.81	24.84
	189	0	22.86	22.90	22.85
16QAM	1	0	22.37	22.45	22.31
64QAM	1	0	22.17	22.32	22.19
256QAM	1	0	21.16	21.20	21.08

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	25.81	23.78	27.51	30
QPSK	22.11	25.79	23.81	27.49	30
16QAM	22.31	22.45	24.01	24.15	30
64QAM	22.17	22.32	23.87	24.02	30
256QAM	21.08	21.20	22.78	22.90	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), SISO, 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	25.69	25.73	25.66
	1	0	22.08	22.21	22.13
QPSK	1	1	25.72	25.81	25.79
	1	0	22.21	22.27	22.26
	1	109	25.65	25.77	25.70
	1	215	25.69	25.73	25.63
	1	216	22.21	22.23	22.16
	108	0	24.93	24.99	24.87
	108	55	25.71	25.77	25.71
	108	109	24.80	24.87	24.76
	216	0	24.72	24.89	24.78
	217	0	22.86	22.92	22.88
16QAM	1	0	22.32	22.38	22.35
64QAM	1	0	22.28	22.27	22.19
256QAM	1	0	21.15	21.12	21.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.08	25.73	23.78	27.43	30
QPSK	22.16	25.81	23.86	27.51	30
16QAM	22.32	22.38	24.02	24.08	30
64QAM	22.19	22.28	23.89	23.98	30
256QAM	21.12	21.15	22.82	22.85	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), SISO, 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	25.69	25.73	25.71
	1	0	22.15	22.20	22.14
QPSK	1	1	25.77	25.79	25.70
	1	0	22.20	22.31	22.26
	1	123	25.68	25.71	25.66
	1	243	25.65	25.73	25.65
	1	244	22.17	22.25	22.21
	120	0	24.91	24.96	24.92
	120	63	25.74	25.73	25.67
	120	125	24.75	24.83	24.83
	243	0	24.71	24.83	24.82
	245	0	22.86	22.98	22.87
16QAM	1	0	22.39	22.44	22.39
64QAM	1	0	22.20	22.34	22.26
256QAM	1	0	21.19	21.15	21.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.14	25.73	23.84	27.43	30
QPSK	22.17	25.79	23.87	27.49	30
16QAM	22.39	22.44	24.09	24.14	30
64QAM	22.20	22.34	23.90	24.04	30
256QAM	21.14	21.19	22.84	22.89	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), SISO, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 633334
			3500.01 MHz
BPSK	1	1	25.81
	1	0	22.25
QPSK	1	1	25.84
	1	0	22.33
	1	137	25.79
	1	271	25.75
	1	272	22.29
	135	0	24.99
	135	69	25.81
	135	138	24.88
	270	0	24.91
	273	0	22.98
16QAM	1	0	22.45
64QAM	1	0	22.34
256QAM	1	0	21.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.25	25.81	23.95	27.51	30
QPSK	22.29	25.84	23.99	27.54	30
16QAM	22.45	22.45	24.15	24.15	30
64QAM	22.34	22.34	24.04	24.04	30
256QAM	21.22	21.22	22.92	22.92	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	21.44	21.16	24.31	21.45	21.19	24.33	21.45	21.17	24.32
	1	0	20.20	20.09	23.16	20.29	20.10	23.21	20.25	20.04	23.16
	1	11	21.24	21.10	24.18	21.27	21.10	24.20	21.28	21.06	24.18
	1	22	21.24	21.06	24.16	21.32	21.17	24.26	21.17	21.00	24.10
	1	23	21.18	21.09	24.15	21.28	21.10	24.20	21.27	21.13	24.21
	12	0	20.24	20.00	23.13	20.24	20.03	23.15	20.23	20.00	23.13
	12	6	21.28	20.99	24.15	21.25	21.07	24.17	21.25	20.98	24.13
	12	12	20.34	20.00	23.18	20.34	20.09	23.23	20.32	19.92	23.13
	24	0	20.28	20.07	23.19	20.39	20.17	23.29	20.29	20.09	23.20
16QAM	1	1	19.23	19.01	22.13	19.27	19.01	22.15	19.18	18.93	22.07
64QAM	1	1	18.83	18.53	21.69	18.85	18.55	21.71	18.81	18.48	21.66
256QAM	1	1	16.71	16.44	19.59	16.76	16.55	19.67	16.78	16.52	19.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.13	24.33	27.75	28.95	30
16QAM	22.07	22.15	26.69	26.77	30
64QAM	21.66	21.71	26.28	26.33	30
256QAM	19.59	19.67	24.21	24.29	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	21.39	21.22	24.32	21.45	21.20	24.34	21.48	21.19	24.35
	1	0	20.28	20.02	23.16	20.23	20.13	23.19	20.26	20.03	23.16
	1	19	21.31	21.06	24.20	21.28	21.15	24.23	21.30	21.10	24.21
	1	36	21.32	21.06	24.20	21.29	21.08	24.20	21.16	21.02	24.10
	1	37	21.22	21.07	24.16	21.30	21.14	24.23	21.21	21.07	24.15
	18	0	20.24	19.98	23.12	20.23	20.00	23.13	20.22	19.97	23.11
	18	10	21.24	20.94	24.10	21.28	21.03	24.17	21.31	20.99	24.16
	18	20	20.40	19.96	23.20	20.32	20.10	23.22	20.34	20.00	23.18
	36	0	20.31	20.09	23.21	20.38	20.16	23.28	20.27	20.13	23.21
	38	0	20.22	20.05	23.15	20.23	20.00	23.13	20.14	19.95	23.06
16QAM	1	1	19.25	18.95	22.11	19.29	19.04	22.18	19.25	18.98	22.13
64QAM	1	1	18.74	18.58	21.67	18.91	18.55	21.74	18.80	18.49	21.66
256QAM	1	1	16.70	16.51	19.62	16.83	16.56	19.71	16.81	16.59	19.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.06	24.35	27.68	28.97	30
16QAM	22.11	22.18	26.73	26.8	30
64QAM	21.66	21.74	26.28	26.36	30
256QAM	19.62	19.71	24.24	24.33	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	21.40	21.19	24.31	21.46	21.21	24.35	21.39	21.17	24.29
	1	0	20.20	20.06	23.14	20.22	20.13	23.19	20.22	20.03	23.14
	1	26	21.29	21.05	24.18	21.34	21.18	24.27	21.26	21.05	24.17
	1	49	21.24	21.06	24.16	21.28	21.15	24.23	21.19	21.03	24.12
	1	50	21.23	21.03	24.14	21.27	21.12	24.21	21.29	21.06	24.19
	25	0	20.24	19.97	23.12	20.29	20.08	23.20	20.22	20.01	23.13
	25	13	21.31	20.94	24.14	21.30	21.04	24.18	21.25	21.05	24.16
	25	26	20.31	19.95	23.14	20.36	20.06	23.22	20.27	19.98	23.14
	50	0	20.28	20.01	23.16	20.40	20.16	23.29	20.32	20.12	23.23
	51	0	20.20	20.04	23.13	20.25	20.09	23.18	20.22	19.98	23.11
16QAM	1	1	19.19	18.93	22.07	19.23	19.06	22.16	19.20	18.93	22.08
64QAM	1	1	18.80	18.60	21.71	18.91	18.57	21.75	18.84	18.53	21.70
256QAM	1	1	16.77	16.53	19.66	16.82	16.55	19.70	16.73	16.57	19.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.11	24.35	27.73	28.97	30
16QAM	22.07	22.16	26.69	26.78	30
64QAM	21.7	21.75	26.32	26.37	30
256QAM	19.66	19.7	24.28	24.32	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	21.44	21.20	24.33	21.44	21.23	24.35	21.48	21.21	24.36
	1	0	20.23	20.06	23.16	20.21	20.15	23.19	20.19	20.01	23.11
	1	39	21.25	21.11	24.19	21.34	21.08	24.22	21.22	21.02	24.13
	1	76	21.33	20.99	24.17	21.32	21.11	24.23	21.20	21.07	24.15
	1	77	21.20	21.13	24.18	21.31	21.17	24.25	21.27	21.09	24.19
	36	0	20.23	20.04	23.15	20.33	20.08	23.22	20.15	20.01	23.09
	36	21	21.29	21.01	24.16	21.25	21.04	24.16	21.30	21.05	24.19
	36	42	20.32	20.04	23.19	20.40	20.06	23.24	20.35	19.92	23.15
	75	0	20.28	20.05	23.18	20.34	20.11	23.24	20.34	20.11	23.24
	78	0	20.18	19.98	23.09	20.30	20.08	23.20	20.14	19.97	23.07
16QAM	1	1	19.20	18.93	22.08	19.27	19.04	22.17	19.24	18.92	22.09
64QAM	1	1	18.79	18.59	21.70	18.89	18.52	21.72	18.78	18.47	21.64
256QAM	1	1	16.79	16.51	19.66	16.83	16.59	19.72	16.80	16.56	19.69

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.07	24.36	27.69	28.98	30
16QAM	22.08	22.17	26.7	26.79	30
64QAM	21.64	21.72	26.26	26.34	30
256QAM	19.66	19.72	24.28	24.34	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	21.45	21.19	24.33	21.47	21.23	24.36	21.38	21.20	24.30
	1	0	20.27	20.02	23.16	20.23	20.12	23.19	20.20	19.99	23.11
	1	53	21.30	21.04	24.18	21.27	21.17	24.23	21.21	21.04	24.14
	1	104	21.23	21.06	24.16	21.31	21.14	24.24	21.22	20.99	24.12
	1	105	21.21	21.13	24.18	21.31	21.17	24.25	21.28	21.10	24.20
	50	0	20.31	19.98	23.16	20.26	20.00	23.14	20.24	20.00	23.13
	50	28	21.26	20.95	24.12	21.24	21.05	24.16	21.29	21.03	24.17
	50	56	20.34	19.97	23.17	20.34	20.07	23.22	20.31	19.95	23.14
	100	0	20.30	20.08	23.20	20.34	20.16	23.26	20.36	20.10	23.24
	106	0	20.17	20.01	23.10	20.22	20.02	23.13	20.14	19.98	23.07
16QAM	1	1	19.26	18.93	22.11	19.27	19.05	22.17	19.25	18.93	22.10
64QAM	1	1	18.79	18.56	21.69	18.94	18.58	21.77	18.83	18.44	21.65
256QAM	1	1	16.71	16.46	19.60	16.80	16.55	19.69	16.73	16.54	19.65

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.07	24.36	27.69	28.98	30
16QAM	22.1	22.17	26.72	26.79	30
64QAM	21.65	21.77	26.27	26.39	30
256QAM	19.6	19.69	24.22	24.31	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	21.42	21.14	24.29	21.44	21.20	24.33	21.48	21.21	24.36
	1	0	20.21	20.07	23.15	20.29	20.15	23.23	20.24	19.98	23.12
	1	67	21.31	21.10	24.22	21.30	21.11	24.22	21.22	21.06	24.15
	1	131	21.28	21.04	24.17	21.29	21.11	24.21	21.22	21.09	24.17
	1	132	21.18	21.09	24.15	21.33	21.14	24.25	21.27	21.13	24.21
	64	0	20.32	20.04	23.19	20.24	20.03	23.15	20.25	20.03	23.15
	64	35	21.26	21.02	24.15	21.34	21.03	24.20	21.26	21.07	24.18
	64	69	20.39	19.96	23.19	20.36	20.04	23.21	20.31	19.96	23.15
	128	0	20.38	20.09	23.25	20.40	20.15	23.29	20.31	20.10	23.22
	133	0	20.21	20.01	23.12	20.30	20.02	23.17	20.18	20.00	23.10
16QAM	1	1	19.19	18.97	22.09	19.24	18.99	22.13	19.23	18.98	22.12
64QAM	1	1	18.80	18.59	21.71	18.91	18.54	21.74	18.84	18.46	21.66
256QAM	1	1	16.79	16.44	19.63	16.80	16.53	19.68	16.76	16.50	19.64

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.1	24.36	27.72	28.98	30
16QAM	22.09	22.13	26.71	26.75	30
64QAM	21.66	21.74	26.28	26.36	30
256QAM	19.63	19.68	24.25	24.3	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	21.44	21.16	24.31	21.45	21.15	24.31	21.41	21.21	24.32
	1	0	20.25	20.08	23.18	20.21	20.07	23.15	20.26	19.96	23.12
	1	81	21.27	21.05	24.17	21.36	21.17	24.28	21.27	21.08	24.19
	1	160	21.27	20.99	24.14	21.25	21.14	24.21	21.19	21.06	24.14
	1	161	21.17	21.12	24.16	21.26	21.17	24.23	21.29	21.10	24.21
	81	0	20.28	20.04	23.17	20.29	20.10	23.21	20.23	19.99	23.12
	81	41	21.31	20.98	24.16	21.26	21.10	24.19	21.26	21.02	24.15
	81	81	20.37	20.02	23.21	20.38	20.08	23.24	20.27	19.94	23.12
	162	0	20.33	20.03	23.19	20.33	20.16	23.26	20.36	20.09	23.24
16QAM	1	1	19.22	19.03	22.14	19.23	18.99	22.12	19.21	18.98	22.11
64QAM	1	1	18.77	18.61	21.70	18.85	18.56	21.72	18.79	18.50	21.66
256QAM	1	1	16.69	16.49	19.60	16.78	16.60	19.70	16.77	16.51	19.65

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.12	24.32	27.74	28.94	30
16QAM	22.11	22.14	26.73	26.76	30
64QAM	21.66	21.72	26.28	26.34	30
256QAM	19.6	19.7	24.22	24.32	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	21.41	21.15	24.29	21.40	21.25	24.34	21.38	21.19	24.30
	1	0	20.27	20.04	23.17	20.23	20.15	23.20	20.22	20.03	23.14
	1	95	21.31	21.07	24.20	21.29	21.11	24.21	21.27	21.08	24.19
	1	187	21.30	21.04	24.18	21.25	21.16	24.22	21.13	21.00	24.08
	1	188	21.27	21.08	24.19	21.26	21.18	24.23	21.23	21.10	24.18
	90	0	20.24	19.98	23.12	20.28	20.05	23.18	20.15	20.03	23.10
	90	50	21.26	20.93	24.11	21.33	21.09	24.22	21.25	21.08	24.18
	90	99	20.40	19.99	23.21	20.35	20.08	23.23	20.27	19.97	23.13
	180	0	20.28	20.04	23.17	20.35	20.16	23.27	20.35	20.09	23.23
	189	0	20.23	19.97	23.11	20.29	20.06	23.19	20.15	19.98	23.08
16QAM	1	1	19.21	19.00	22.12	19.23	18.99	22.12	19.23	18.91	22.08
64QAM	1	1	18.82	18.56	21.70	18.88	18.58	21.74	18.79	18.47	21.64
256QAM	1	1	16.70	16.53	19.63	16.73	16.55	19.65	16.80	16.54	19.68

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.08	24.34	27.7	28.96	30
16QAM	22.08	22.12	26.7	26.74	30
64QAM	21.64	21.74	26.26	26.36	30
256QAM	19.63	19.68	24.25	24.3	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	21.40	21.21	24.32	21.42	21.15	24.30	21.38	21.15	24.28
	1	0	20.29	20.09	23.20	20.28	20.14	23.22	20.26	20.03	23.16
	1	109	21.27	21.09	24.19	21.28	21.09	24.20	21.20	21.04	24.13
	1	215	21.31	21.06	24.20	21.24	21.09	24.18	21.17	21.09	24.14
	1	216	21.21	21.03	24.13	21.35	21.15	24.26	21.21	21.10	24.17
	108	0	20.31	20.00	23.17	20.31	20.02	23.18	20.22	19.93	23.09
	108	55	21.29	21.01	24.16	21.25	21.05	24.16	21.28	21.02	24.16
	108	109	20.31	20.04	23.19	20.34	20.09	23.23	20.34	19.97	23.17
	216	0	20.38	20.02	23.21	20.36	20.12	23.25	20.29	20.11	23.21
	217	0	20.15	20.00	23.09	20.22	20.00	23.12	20.22	19.94	23.09
16QAM	1	1	19.22	18.93	22.09	19.30	19.02	22.17	19.23	18.99	22.12
64QAM	1	1	18.76	18.54	21.66	18.89	18.54	21.73	18.83	18.45	21.65
256QAM	1	1	16.74	16.45	19.61	16.82	16.62	19.73	16.81	16.49	19.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.09	24.32	27.71	28.94	30
16QAM	22.09	22.17	26.71	26.79	30
64QAM	21.65	21.73	26.27	26.35	30
256QAM	19.61	19.73	24.23	24.35	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	21.45	21.23	24.35	21.39	21.16	24.29	21.48	21.21	24.36
	1	0	20.29	20.11	23.21	20.28	20.08	23.19	20.28	20.06	23.18
	1	123	21.31	21.11	24.22	21.26	21.10	24.19	21.30	21.11	24.22
	1	243	21.33	21.08	24.22	21.27	21.16	24.23	21.23	21.09	24.17
	1	244	21.27	21.13	24.21	21.25	21.10	24.19	21.31	21.13	24.23
	120	0	20.33	20.04	23.20	20.25	20.07	23.17	20.25	20.03	23.15
	120	63	21.34	21.03	24.20	21.34	21.03	24.20	21.32	21.08	24.21
	120	125	20.41	20.04	23.24	20.41	20.10	23.27	20.36	20.01	23.20
	243	0	20.38	20.10	23.25	20.34	20.11	23.24	20.37	20.13	23.26
	245	0	20.24	20.07	23.17	20.30	20.01	23.17	20.24	20.01	23.14
16QAM	1	1	19.29	19.03	22.17	19.26	19.06	22.17	19.27	19.01	22.15
64QAM	1	1	18.84	18.61	21.74	18.85	18.60	21.74	18.87	18.54	21.72
256QAM	1	1	16.79	16.54	19.68	16.78	16.59	19.70	16.81	16.59	19.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.14	24.36	27.76	28.98	30
16QAM	22.15	22.17	26.77	26.79	30
64QAM	21.72	21.74	26.34	26.36	30
256QAM	19.68	19.71	24.3	24.33	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	21.48	21.25	24.38
	1	0	20.30	20.15	23.24
	1	137	21.36	21.18	24.28
	1	271	21.33	21.18	24.27
	1	272	21.35	21.19	24.28
	135	0	20.33	20.10	23.23
	135	69	21.34	21.12	24.24
	135	138	20.41	20.10	23.27
	270	0	20.43	20.20	23.33
	273	0	20.31	20.09	23.21
16QAM	1	1	19.32	19.07	22.21
64QAM	1	1	18.94	18.61	21.79
256QAM	1	1	16.83	16.62	19.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.21	24.38	27.83	29	30
16QAM	22.21	22.21	26.83	26.83	30
64QAM	21.79	21.79	26.41	26.41	30
256QAM	19.74	19.74	24.36	24.36	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), SISO, 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	25.72	25.70	25.73
	1	0	22.17	22.15	22.29
QPSK	1	1	25.70	25.76	25.83
	1	0	22.21	22.19	22.30
	1	11	25.73	25.71	25.82
	1	22	25.61	25.61	25.67
	1	23	22.36	22.31	22.37
	12	0	24.88	24.87	25.01
	12	6	25.72	25.56	25.72
	12	12	24.93	24.77	24.90
	24	0	24.92	24.81	25.03
16QAM	1	0	22.33	22.30	22.41
64QAM	1	0	22.14	22.25	22.28
256QAM	1	0	21.18	21.14	21.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.15	25.73	23.85	27.43	30
QPSK	22.19	25.83	23.89	27.53	30
16QAM	22.30	22.41	24.00	24.11	30
64QAM	22.14	22.28	23.84	23.98	30
256QAM	21.14	21.22	22.84	22.92	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), SISO, 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	25.70	25.76	25.79
	1	0	22.19	22.17	22.24
QPSK	1	1	25.78	25.76	25.82
	1	0	22.20	22.15	22.29
	1	19	25.67	25.68	25.79
	1	36	25.58	25.69	25.72
	1	37	22.31	22.32	22.38
	18	0	24.95	24.88	24.97
	18	10	25.75	25.58	25.72
	18	20	24.87	24.71	24.88
	36	0	24.86	24.76	24.99
	38	0	23.02	23.00	23.04
16QAM	1	0	22.29	22.35	22.45
64QAM	1	0	22.21	22.21	22.36
256QAM	1	0	21.18	21.12	21.30

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.17	25.79	23.87	27.49	30
QPSK	22.15	25.82	23.85	27.52	30
16QAM	22.29	22.45	23.99	24.15	30
64QAM	22.21	22.36	23.91	24.06	30
256QAM	21.12	21.30	22.82	23.00	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), SISO, 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	25.77	25.71	25.80
	1	0	22.15	22.13	22.29
QPSK	1	1	25.77	25.70	25.82
	1	0	22.23	22.13	22.34
	1	26	25.70	25.71	25.72
	1	49	25.57	25.63	25.69
	1	50	22.37	22.24	22.42
	25	0	24.96	24.78	25.02
	25	13	25.75	25.59	25.71
	25	26	24.88	24.72	24.92
	50	0	24.82	24.85	24.94
	51	0	22.95	23.10	23.05
16QAM	1	0	22.28	22.28	22.47
64QAM	1	0	22.24	22.24	22.34
256QAM	1	0	21.14	21.14	21.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.13	25.80	23.83	27.50	30
QPSK	22.13	25.82	23.83	27.52	30
16QAM	22.28	22.47	23.98	24.17	30
64QAM	22.24	22.34	23.94	24.04	30
256QAM	21.14	21.23	22.84	22.93	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), SISO, 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	25.73	25.72	25.77
	1	0	22.22	22.17	22.24
QPSK	1	1	25.74	25.75	25.85
	1	0	22.30	22.22	22.25
	1	39	25.72	25.70	25.78
	1	76	25.65	25.68	25.72
	1	77	22.35	22.28	22.42
	36	0	24.91	24.88	25.04
	36	21	25.66	25.50	25.72
	36	42	24.89	24.80	24.96
	75	0	24.83	24.81	24.94
	78	0	22.94	23.10	23.11
16QAM	1	0	22.30	22.29	22.41
64QAM	1	0	22.20	22.22	22.27
256QAM	1	0	21.14	21.19	21.25

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.17	25.77	23.87	27.47	30
QPSK	22.22	25.85	23.92	27.55	30
16QAM	22.29	22.41	23.99	24.11	30
64QAM	22.20	22.27	23.90	23.97	30
256QAM	21.14	21.25	22.84	22.95	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), SISO, 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	25.76	25.67	25.79
	1	0	22.15	22.13	22.32
QPSK	1	1	25.80	25.69	25.85
	1	0	22.26	22.17	22.31
	1	53	25.69	25.69	25.79
	1	104	25.60	25.64	25.66
	1	105	22.37	22.33	22.36
	50	0	24.90	24.79	25.05
	50	28	25.74	25.52	25.68
	50	56	24.88	24.70	24.94
	100	0	24.92	24.86	24.94
	106	0	22.96	23.01	23.06
16QAM	1	0	22.30	22.25	22.47
64QAM	1	0	22.20	22.20	22.32
256QAM	1	0	21.10	21.19	21.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.13	25.79	23.83	27.49	30
QPSK	22.17	25.85	23.87	27.55	30
16QAM	22.25	22.47	23.95	24.17	30
64QAM	22.20	22.32	23.90	24.02	30
256QAM	21.10	21.22	22.80	22.92	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), SISO, 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	25.69	25.75	25.82
	1	0	22.25	22.18	22.24
QPSK	1	1	25.75	25.68	25.78
	1	0	22.29	22.19	22.26
	1	67	25.67	25.78	25.82
	1	131	25.63	25.66	25.70
	1	132	22.37	22.33	22.40
	64	0	24.95	24.78	25.02
	64	35	25.66	25.57	25.68
	64	69	24.88	24.74	24.89
	128	0	24.84	24.79	24.96
	133	0	22.98	23.07	23.05
16QAM	1	0	22.28	22.27	22.47
64QAM	1	0	22.22	22.27	22.36
256QAM	1	0	21.11	21.16	21.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.18	25.82	23.88	27.52	30
QPSK	22.19	25.82	23.89	27.52	30
16QAM	22.27	22.47	23.97	24.17	30
64QAM	22.22	22.36	23.92	24.06	30
256QAM	21.11	21.22	22.81	22.92	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), SISO, 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	25.73	25.68	25.76
	1	0	22.18	22.22	22.22
QPSK	1	1	25.72	25.71	25.83
	1	0	22.30	22.12	22.35
	1	81	25.69	25.76	25.75
	1	160	25.55	25.62	25.64
	1	161	22.40	22.33	22.36
	81	0	24.88	24.88	24.96
	81	41	25.75	25.50	25.75
	81	81	24.92	24.75	24.95
	162	0	24.84	24.79	24.98
16QAM	1	0	22.31	22.28	22.37
64QAM	1	0	22.14	22.25	22.37
256QAM	1	0	21.15	21.19	21.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.18	25.76	23.88	27.46	30
QPSK	22.12	25.83	23.82	27.53	30
16QAM	22.28	22.37	23.98	24.07	30
64QAM	22.14	22.37	23.84	24.07	30
256QAM	21.15	21.24	22.85	22.94	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), SISO, 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	25.65	25.69	25.71
	1	0	22.16	22.19	22.24
QPSK	1	1	25.69	25.70	25.76
	1	0	22.19	22.10	22.30
	1	95	25.65	25.72	25.70
	1	187	25.55	25.58	25.54
	1	188	22.23	22.17	22.37
	90	0	24.78	24.74	24.85
	90	50	25.68	25.54	25.62
	90	99	24.81	24.71	24.86
	180	0	24.86	24.77	24.90
	189	0	22.91	22.98	23.07
16QAM	1	0	22.22	22.29	22.39
64QAM	1	0	22.09	22.17	22.25
256QAM	1	0	21.07	21.03	21.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.16	25.71	23.86	27.41	30
QPSK	22.10	25.76	23.80	27.46	30
16QAM	22.22	22.39	23.92	24.09	30
64QAM	22.09	22.25	23.79	23.95	30
256QAM	21.03	21.27	22.73	22.97	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), SISO, 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	25.72	25.71	25.85
	1	0	22.16	22.22	22.31
QPSK	1	1	25.75	25.71	25.81
	1	0	22.21	22.16	22.35
	1	109	25.68	25.73	25.73
	1	215	25.64	25.65	25.62
	1	216	22.32	22.27	22.40
	108	0	24.88	24.80	24.95
	108	55	25.72	25.55	25.71
	108	109	24.86	24.72	24.90
	216	0	24.89	24.77	25.00
	217	0	23.01	23.02	23.09
16QAM	1	0	22.26	22.29	22.47
64QAM	1	0	22.17	22.23	22.29
256QAM	1	0	21.13	21.09	21.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.16	25.85	23.86	27.55	30
QPSK	22.16	25.81	23.86	27.51	30
16QAM	22.26	22.47	23.96	24.17	30
64QAM	22.17	22.29	23.87	23.99	30
256QAM	21.09	21.27	22.79	22.97	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), SISO, 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	25.74	25.73	25.84
	1	0	22.17	22.13	22.22
QPSK	1	1	25.77	25.70	25.85
	1	0	22.27	22.13	22.29
	1	123	25.70	25.70	25.78
	1	243	25.61	25.69	25.66
	1	244	22.36	22.26	22.37
	120	0	24.92	24.88	25.02
	120	63	25.65	25.50	25.71
	120	125	24.92	24.73	24.95
	243	0	24.88	24.81	24.98
	245	0	22.98	23.05	23.09
16QAM	1	0	22.27	22.35	22.47
64QAM	1	0	22.21	22.30	22.35
256QAM	1	0	21.11	21.17	21.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.13	25.84	23.83	27.54	30
QPSK	22.13	25.85	23.83	27.55	30
16QAM	22.27	22.47	23.97	24.17	30
64QAM	22.21	22.35	23.91	24.05	30
256QAM	21.11	21.23	22.81	22.93	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), SISO, 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	25.78	25.76	25.82
	1	0	22.25	22.22	22.32
QPSK	1	1	25.80	25.78	25.86
	1	0	22.30	22.22	22.35
	1	137	25.74	25.78	25.82
	1	271	25.65	25.69	25.72
	1	272	22.40	22.34	22.44
	135	0	24.98	24.88	25.05
	135	69	25.75	25.60	25.78
	135	138	24.95	24.80	24.98
	270	0	24.92	24.86	25.04
	273	0	23.04	23.10	23.12
16QAM	1	0	22.34	22.35	22.47
64QAM	1	0	22.24	22.30	22.37
256QAM	1	0	21.19	21.19	21.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.22	25.82	23.92	27.52	30
QPSK	22.22	25.86	23.92	27.56	30
16QAM	22.34	22.47	24.04	24.17	30
64QAM	22.24	22.37	23.94	24.07	30
256QAM	21.19	21.31	22.89	23.01	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	21.73	20.99	24.39	21.65	20.92	24.31	21.66	20.85	24.28
	1	0	20.60	19.96	23.30	20.52	19.85	23.21	20.53	19.71	23.15
	1	11	21.68	20.84	24.29	21.58	20.75	24.20	21.59	20.80	24.22
	1	22	21.68	20.87	24.30	21.52	20.73	24.15	21.63	20.79	24.24
	1	23	21.66	20.91	24.31	21.59	20.74	24.20	21.58	20.73	24.19
	12	0	20.69	19.93	23.34	20.55	19.77	23.19	20.50	19.82	23.18
	12	6	21.73	20.90	24.35	21.52	20.78	24.18	21.64	20.80	24.25
	12	12	20.67	19.91	23.32	20.50	19.75	23.15	20.51	19.71	23.14
	24	0	20.78	19.93	23.39	20.56	19.82	23.22	20.66	19.84	23.28
16QAM	1	1	19.56	18.92	22.26	19.55	18.78	22.19	19.53	18.78	22.18
64QAM	1	1	19.13	18.25	21.72	19.07	18.29	21.71	19.07	18.22	21.68
256QAM	1	1	17.23	16.41	19.85	17.10	16.22	19.69	17.16	16.31	19.77

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.14	24.39	27.76	29.01	30
16QAM	22.18	22.26	26.8	26.88	30
64QAM	21.68	21.72	26.3	26.34	30
256QAM	19.69	19.85	24.31	24.47	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	21.78	20.98	24.41	21.72	20.89	24.34	21.72	20.90	24.34
	1	0	20.60	19.86	23.26	20.55	19.77	23.19	20.58	19.68	23.16
	1	19	21.74	20.82	24.31	21.56	20.68	24.15	21.64	20.78	24.24
	1	36	21.64	20.88	24.29	21.56	20.82	24.22	21.67	20.69	24.22
	1	37	21.74	20.84	24.32	21.51	20.77	24.17	21.58	20.74	24.19
	18	0	20.63	19.91	23.30	20.62	19.86	23.27	20.58	19.84	23.24
	18	10	21.68	20.87	24.30	21.59	20.77	24.21	21.64	20.81	24.26
	18	20	20.69	19.83	23.29	20.53	19.73	23.16	20.56	19.73	23.18
	36	0	20.72	19.88	23.33	20.58	19.85	23.24	20.62	19.80	23.24
	38	0	20.62	19.84	23.26	20.52	19.71	23.14	20.59	19.79	23.22
16QAM	1	1	19.59	18.87	22.26	19.56	18.82	22.22	19.58	18.82	22.23
64QAM	1	1	19.06	18.27	21.69	19.11	18.30	21.73	19.05	18.15	21.63
256QAM	1	1	17.23	16.46	19.87	17.11	16.13	19.66	17.11	16.30	19.73

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.14	24.41	27.76	29.03	30
16QAM	22.22	22.26	26.84	26.88	30
64QAM	21.63	21.73	26.25	26.35	30
256QAM	19.66	19.87	24.28	24.49	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	21.75	20.97	24.39	21.70	20.85	24.31	21.73	20.87	24.33
	1	0	20.66	19.94	23.33	20.57	19.78	23.20	20.61	19.70	23.19
	1	26	21.71	20.81	24.29	21.58	20.74	24.19	21.66	20.83	24.28
	1	49	21.70	20.79	24.28	21.58	20.75	24.20	21.62	20.76	24.22
	1	50	21.74	20.87	24.34	21.59	20.72	24.19	21.59	20.74	24.20
	25	0	20.68	19.88	23.31	20.57	19.78	23.20	20.48	19.82	23.17
	25	13	21.64	20.86	24.28	21.55	20.83	24.22	21.58	20.77	24.20
	25	26	20.65	19.91	23.31	20.44	19.67	23.08	20.55	19.71	23.16
	50	0	20.70	19.87	23.32	20.55	19.86	23.23	20.64	19.78	23.24
	51	0	20.64	19.77	23.24	20.51	19.73	23.15	20.52	19.74	23.16
16QAM	1	1	19.59	18.93	22.28	19.53	18.84	22.21	19.50	18.80	22.17
64QAM	1	1	19.05	18.30	21.70	19.16	18.29	21.76	19.04	18.18	21.64
256QAM	1	1	17.26	16.38	19.85	17.16	16.23	19.73	17.19	16.34	19.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.08	24.39	27.7	29.01	30
16QAM	22.17	22.28	26.79	26.9	30
64QAM	21.64	21.76	26.26	26.38	30
256QAM	19.73	19.85	24.35	24.47	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	21.82	20.96	24.42	21.70	20.82	24.29	21.68	20.89	24.31
	1	0	20.60	19.94	23.29	20.55	19.80	23.20	20.55	19.72	23.17
	1	39	21.70	20.82	24.29	21.51	20.78	24.17	21.69	20.85	24.30
	1	76	21.63	20.86	24.27	21.56	20.82	24.22	21.69	20.71	24.24
	1	77	21.64	20.87	24.28	21.53	20.72	24.15	21.63	20.73	24.21
	36	0	20.70	19.88	23.32	20.63	19.84	23.26	20.53	19.82	23.20
	36	21	21.65	20.84	24.27	21.58	20.83	24.23	21.57	20.84	24.23
	36	42	20.66	19.82	23.27	20.54	19.68	23.14	20.53	19.73	23.16
	75	0	20.70	19.89	23.32	20.56	19.80	23.21	20.68	19.86	23.30
	78	0	20.65	19.81	23.26	20.50	19.66	23.11	20.52	19.78	23.18
16QAM	1	1	19.54	18.93	22.26	19.55	18.76	22.18	19.50	18.85	22.20
64QAM	1	1	19.11	18.26	21.72	19.11	18.27	21.72	19.09	18.17	21.66
256QAM	1	1	17.19	16.47	19.86	17.11	16.18	19.68	17.10	16.29	19.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.11	24.42	27.73	29.04	30
16QAM	22.18	22.26	26.8	26.88	30
64QAM	21.66	21.72	26.28	26.34	30
256QAM	19.68	19.86	24.3	24.48	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	21.76	21.00	24.41	21.68	20.82	24.28	21.68	20.84	24.29
	1	0	20.63	19.92	23.30	20.52	19.83	23.20	20.60	19.70	23.18
	1	53	21.70	20.82	24.29	21.60	20.68	24.17	21.69	20.85	24.30
	1	104	21.70	20.84	24.30	21.56	20.80	24.21	21.65	20.75	24.23
	1	105	21.65	20.93	24.32	21.60	20.78	24.22	21.63	20.76	24.23
	50	0	20.62	19.84	23.26	20.63	19.85	23.27	20.50	19.77	23.16
	50	28	21.64	20.81	24.26	21.54	20.84	24.21	21.59	20.86	24.25
	50	56	20.67	19.89	23.31	20.52	19.69	23.14	20.58	19.70	23.17
	100	0	20.77	19.87	23.35	20.64	19.79	23.25	20.66	19.81	23.27
	106	0	20.69	19.82	23.29	20.48	19.74	23.14	20.58	19.82	23.23
16QAM	1	1	19.62	18.89	22.28	19.54	18.85	22.22	19.59	18.79	22.22
64QAM	1	1	19.10	18.25	21.71	19.13	18.31	21.75	19.00	18.16	21.61
256QAM	1	1	17.16	16.43	19.82	17.13	16.14	19.67	17.16	16.32	19.77

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.14	24.41	27.76	29.03	30
16QAM	22.22	22.28	26.84	26.9	30
64QAM	21.61	21.75	26.23	26.37	30
256QAM	19.67	19.82	24.29	24.44	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	21.81	20.95	24.41	21.62	20.88	24.28	21.74	20.85	24.33
	1	0	20.59	19.86	23.25	20.53	19.78	23.18	20.62	19.74	23.21
	1	67	21.66	20.88	24.30	21.53	20.72	24.15	21.64	20.84	24.27
	1	131	21.66	20.84	24.28	21.56	20.82	24.22	21.63	20.78	24.24
	1	132	21.69	20.83	24.29	21.61	20.80	24.23	21.63	20.72	24.21
	64	0	20.65	19.90	23.30	20.56	19.85	23.23	20.55	19.75	23.18
	64	35	21.70	20.85	24.31	21.50	20.74	24.15	21.62	20.82	24.25
	64	69	20.67	19.90	23.31	20.49	19.73	23.14	20.56	19.77	23.19
	128	0	20.70	19.86	23.31	20.60	19.81	23.23	20.68	19.79	23.27
	133	0	20.71	19.80	23.29	20.54	19.75	23.17	20.55	19.81	23.21
16QAM	1	1	19.63	18.91	22.30	19.56	18.75	22.18	19.54	18.78	22.19
64QAM	1	1	19.11	18.23	21.70	19.09	18.33	21.74	19.05	18.24	21.67
256QAM	1	1	17.22	16.39	19.84	17.12	16.19	19.69	17.18	16.33	19.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.14	24.41	27.76	29.03	30
16QAM	22.18	22.3	26.8	26.92	30
64QAM	21.67	21.74	26.29	26.36	30
256QAM	19.69	19.84	24.31	24.46	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	21.79	20.94	24.40	21.68	20.86	24.30	21.67	20.88	24.30
	1	0	20.59	19.89	23.26	20.54	19.86	23.22	20.55	19.65	23.13
	1	81	21.69	20.87	24.31	21.59	20.74	24.20	21.65	20.80	24.26
	1	160	21.72	20.81	24.30	21.56	20.80	24.21	21.67	20.76	24.25
	1	161	21.68	20.85	24.30	21.52	20.80	24.19	21.60	20.78	24.22
	81	0	20.63	19.84	23.26	20.55	19.84	23.22	20.55	19.79	23.20
	81	41	21.73	20.87	24.33	21.58	20.84	24.24	21.62	20.85	24.26
	81	81	20.71	19.86	23.32	20.53	19.74	23.16	20.58	19.75	23.20
	162	0	20.79	19.90	23.38	20.64	19.78	23.24	20.69	19.79	23.27
16QAM	1	1	19.54	18.95	22.27	19.48	18.79	22.16	19.58	18.83	22.23
64QAM	1	1	19.09	18.25	21.70	19.14	18.37	21.78	19.00	18.19	21.62
256QAM	1	1	17.23	16.41	19.85	17.08	16.18	19.66	17.14	16.32	19.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.13	24.4	27.75	29.02	30
16QAM	22.16	22.27	26.78	26.89	30
64QAM	21.62	21.78	26.24	26.4	30
256QAM	19.66	19.85	24.28	24.47	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	21.80	20.94	24.40	21.71	20.83	24.30	21.75	20.93	24.37
	1	0	20.63	19.87	23.28	20.60	19.77	23.22	20.55	19.72	23.17
	1	95	21.70	20.82	24.29	21.55	20.69	24.15	21.61	20.84	24.25
	1	187	21.68	20.84	24.29	21.56	20.75	24.18	21.65	20.76	24.24
	1	188	21.64	20.86	24.28	21.60	20.81	24.23	21.62	20.71	24.20
	90	0	20.65	19.86	23.28	20.61	19.76	23.22	20.54	19.83	23.21
	90	50	21.67	20.91	24.32	21.53	20.74	24.16	21.57	20.80	24.21
	90	99	20.65	19.88	23.29	20.44	19.72	23.11	20.60	19.73	23.20
	180	0	20.75	19.86	23.34	20.61	19.82	23.24	20.69	19.86	23.31
	189	0	20.65	19.82	23.27	20.51	19.73	23.15	20.52	19.82	23.19
16QAM	1	1	19.60	18.94	22.29	19.47	18.81	22.16	19.50	18.78	22.17
64QAM	1	1	19.05	18.25	21.68	19.11	18.31	21.74	19.00	18.18	21.62
256QAM	1	1	17.20	16.45	19.85	17.11	16.13	19.66	17.15	16.37	19.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.11	24.4	27.73	29.02	30
16QAM	22.16	22.29	26.78	26.91	30
64QAM	21.62	21.74	26.24	26.36	30
256QAM	19.66	19.85	24.28	24.47	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	21.73	20.98	24.38	21.67	20.82	24.28	21.72	20.91	24.34
	1	0	20.59	19.94	23.29	20.56	19.82	23.22	20.58	19.75	23.20
	1	109	21.72	20.80	24.29	21.53	20.78	24.18	21.69	20.86	24.31
	1	215	21.70	20.83	24.30	21.50	20.75	24.15	21.65	20.71	24.22
	1	216	21.69	20.88	24.31	21.52	20.74	24.16	21.55	20.76	24.18
	108	0	20.63	19.87	23.28	20.64	19.77	23.24	20.53	19.74	23.16
	108	55	21.65	20.83	24.27	21.55	20.75	24.18	21.56	20.77	24.19
	108	109	20.66	19.91	23.31	20.53	19.74	23.16	20.60	19.72	23.19
	216	0	20.71	19.93	23.35	20.64	19.79	23.25	20.71	19.78	23.28
	217	0	20.65	19.83	23.27	20.47	19.74	23.13	20.50	19.73	23.14
16QAM	1	1	19.61	18.90	22.28	19.54	18.78	22.19	19.54	18.84	22.21
64QAM	1	1	19.05	18.23	21.67	19.10	18.27	21.72	19.01	18.16	21.62
256QAM	1	1	17.16	16.46	19.83	17.11	16.23	19.70	17.19	16.31	19.78

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.13	24.38	27.75	29	30
16QAM	22.19	22.28	26.81	26.9	30
64QAM	21.62	21.72	26.24	26.34	30
256QAM	19.7	19.83	24.32	24.45	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	21.78	20.92	24.38	21.64	20.92	24.31	21.74	20.89	24.35
	1	0	20.63	19.92	23.30	20.60	19.81	23.23	20.56	19.67	23.15
	1	123	21.64	20.82	24.26	21.59	20.76	24.21	21.62	20.85	24.26
	1	243	21.71	20.84	24.31	21.51	20.79	24.18	21.66	20.77	24.25
	1	244	21.71	20.86	24.32	21.53	20.78	24.18	21.57	20.78	24.20
	120	0	20.70	19.85	23.31	20.64	19.79	23.25	20.57	19.76	23.19
	120	63	21.74	20.84	24.32	21.53	20.77	24.18	21.63	20.76	24.23
	120	125	20.66	19.86	23.29	20.54	19.68	23.14	20.55	19.72	23.17
	243	0	20.79	19.90	23.38	20.56	19.80	23.21	20.63	19.87	23.28
	245	0	20.71	19.82	23.30	20.46	19.74	23.13	20.51	19.81	23.18
16QAM	1	1	19.61	18.91	22.28	19.53	18.78	22.18	19.53	18.80	22.19
64QAM	1	1	19.09	18.29	21.72	19.10	18.33	21.74	19.04	18.17	21.64
256QAM	1	1	17.25	16.46	19.88	17.11	16.20	19.69	17.13	16.39	19.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.13	24.38	27.75	29	30
16QAM	22.18	22.28	26.8	26.9	30
64QAM	21.64	21.74	26.26	26.36	30
256QAM	19.69	19.88	24.31	24.5	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	21.82	21.02	24.45	21.72	20.92	24.35	21.75	20.93	24.37
	1	0	20.69	19.96	23.35	20.60	19.86	23.26	20.63	19.75	23.22
	1	137	21.74	20.88	24.34	21.60	20.78	24.22	21.69	20.86	24.31
	1	271	21.73	20.88	24.34	21.58	20.83	24.23	21.69	20.79	24.27
	1	272	21.74	20.93	24.36	21.61	20.81	24.24	21.64	20.79	24.25
	135	0	20.71	19.94	23.35	20.65	19.86	23.28	20.58	19.84	23.24
	135	69	21.74	20.91	24.36	21.59	20.84	24.24	21.66	20.86	24.29
	135	138	20.71	19.91	23.34	20.54	19.75	23.17	20.60	19.77	23.22
	270	0	20.79	19.95	23.40	20.64	19.88	23.29	20.71	19.87	23.32
	273	0	20.71	19.87	23.32	20.56	19.76	23.19	20.59	19.83	23.24
16QAM	1	1	19.64	18.97	22.33	19.56	18.85	22.23	19.59	18.86	22.25
64QAM	1	1	19.13	18.32	21.75	19.16	18.37	21.79	19.09	18.24	21.70
256QAM	1	1	17.26	16.48	19.90	17.16	16.23	19.73	17.2	16.39	19.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
QPSK	23.17	24.45	27.79	29.07	30
16QAM	22.23	22.33	26.85	26.95	30
64QAM	21.7	21.79	26.32	26.41	30
256QAM	19.73	19.9	24.35	24.52	30

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

7.2 Radiated Spurious Emissions below 1GHz

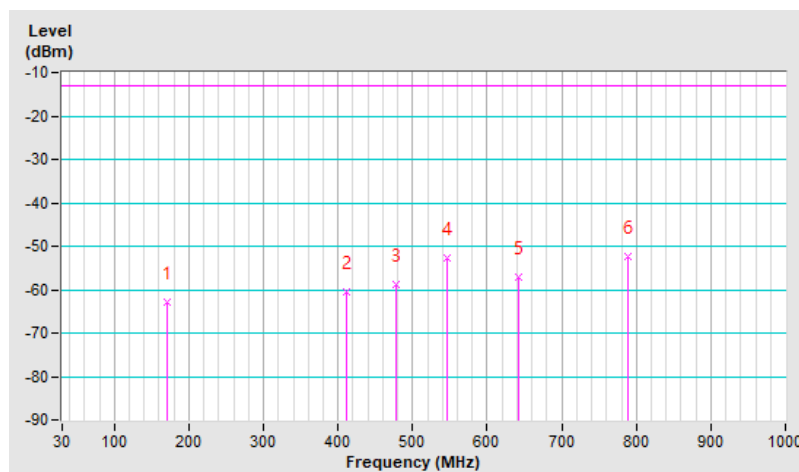
7.2.1 NR n2 SCS 15 kHz - SISO

RF Mode	NR n2 SCS 15 kHz Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 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, 67% RH
Tested By	Wade Huang		

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	171.62	-62.90	-13.00	-49.90	1.49 H	125	45.93	-108.83
2	411.21	-60.59	-13.00	-47.59	1.99 H	10	44.37	-104.96
3	478.14	-58.86	-13.00	-45.86	1.49 H	18	44.28	-103.14
4	546.04	-52.88	-13.00	-39.88	1.99 H	4	49.13	-102.01
5	642.07	-57.25	-13.00	-44.25	1.49 H	51	42.46	-99.71
6	789.51	-52.41	-13.00	-39.41	1.00 H	48	44.98	-97.39

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.

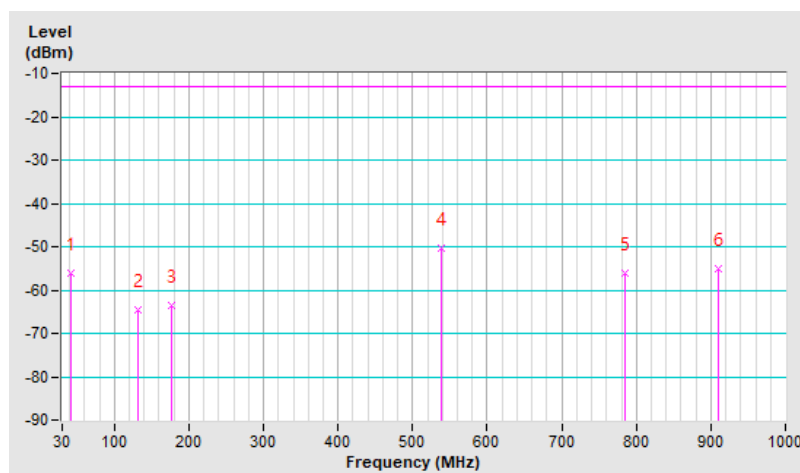


RF Mode	NR n2 SCS 15 kHz Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	42.61	-56.12	-13.00	-43.12	1.01 V	105	52.43	-108.55
2	130.88	-64.62	-13.00	-51.62	2.00 V	98	44.70	-109.32
3	177.44	-63.57	-13.00	-50.57	1.50 V	47	45.96	-109.53
4	537.49	-50.29	-13.00	-37.29	1.01 V	277	51.89	-102.18
5	784.66	-55.99	-13.00	-42.99	1.01 V	110	41.32	-97.31
6	910.76	-55.00	-13.00	-42.00	1.01 V	180	40.71	-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 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.



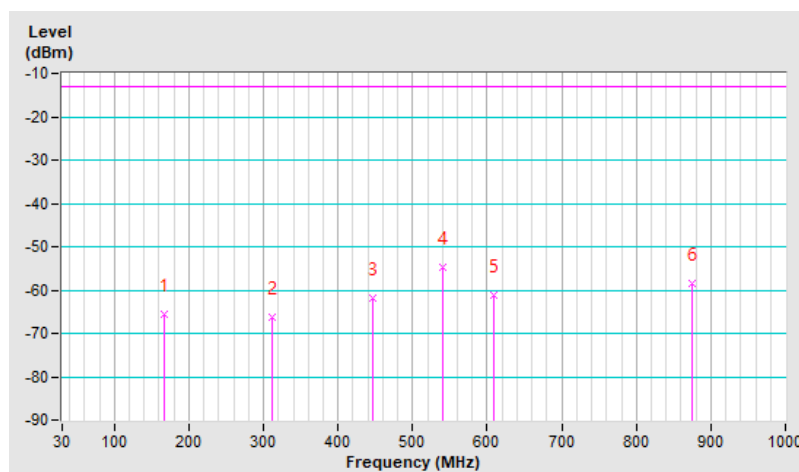
7.2.2 NR n5 SCS 15 kHz - SISO

RF Mode	NR n5 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	167.74	-65.74	-13.00	-52.74	1.50 H	292	44.92	-110.66
2	312.27	-66.14	-13.00	-53.14	1.50 H	10	43.09	-109.23
3	447.10	-61.95	-13.00	-48.95	1.99 H	2	43.76	-105.71
4	541.19	-54.78	-13.00	-41.78	1.50 H	9	49.48	-104.26
5	608.12	-61.33	-13.00	-48.33	1.50 H	156	41.03	-102.36
6	874.87	-58.39	-13.00	-45.39	1.50 H	209	40.26	-98.65

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 of frequency range 30 MHz ~ 1 GHz.
- 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.

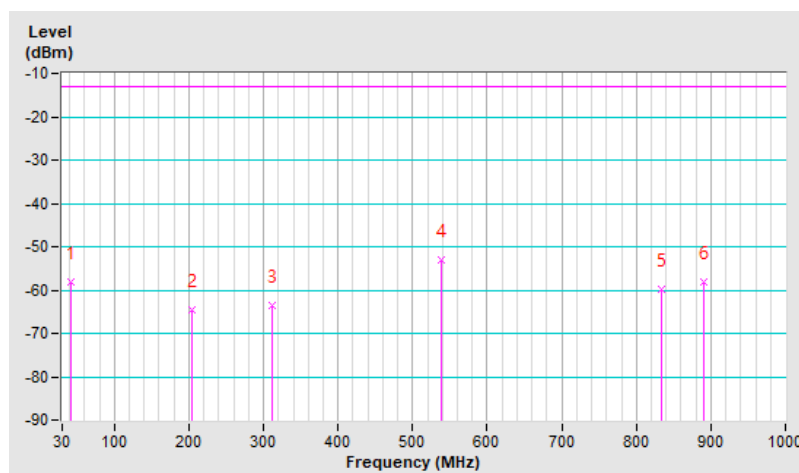


RF Mode	NR n5 SCS 15 kHz Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	41.64	-58.11	-13.00	-45.11	2.00 V	50	52.68	-110.79
2	204.60	-64.65	-13.00	-51.65	1.01 V	231	49.08	-113.73
3	312.27	-63.66	-13.00	-50.66	1.50 V	18	45.57	-109.23
4	538.28	-52.93	-13.00	-39.93	1.01 V	237	51.38	-104.31
5	833.16	-59.70	-13.00	-46.70	1.01 V	42	39.52	-99.22
6	890.39	-58.00	-13.00	-45.00	1.50 V	18	40.30	-98.30

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 of frequency range 30 MHz ~ 1 GHz.
- 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.



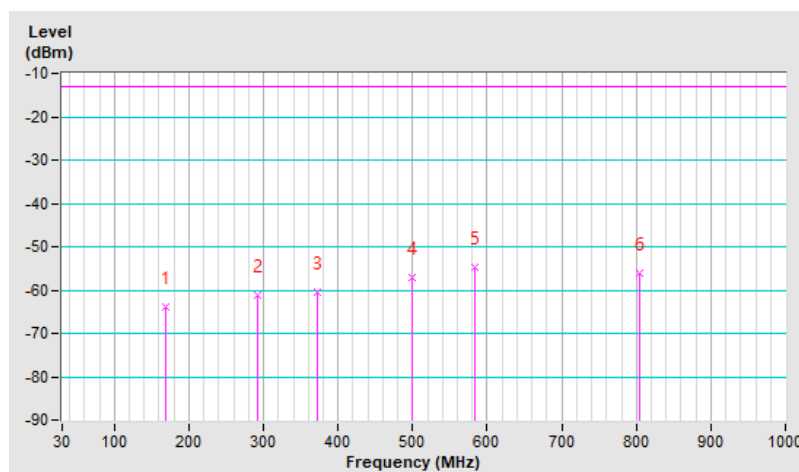
7.2.3 NR n7 SCS 15 kHz - SISO

RF Mode	NR n7 SCS 15 kHz Channel Bandwidth: 40MHz	Channel	CH 510000 : 2550 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, 67% RH
Tested By	Wade Huang		

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	168.71	-63.96	-13.00	-50.96	2.00 H	282	44.67	-108.63
2	292.87	-61.03	-13.00	-48.03	1.00 H	270	46.73	-107.76
3	371.44	-60.66	-13.00	-47.66	1.00 H	170	45.19	-105.85
4	498.51	-57.27	-13.00	-44.27	1.49 H	18	45.70	-102.97
5	583.87	-54.87	-13.00	-41.87	1.49 H	179	45.93	-100.80
6	804.06	-56.20	-13.00	-43.20	1.49 H	182	41.09	-97.29

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.

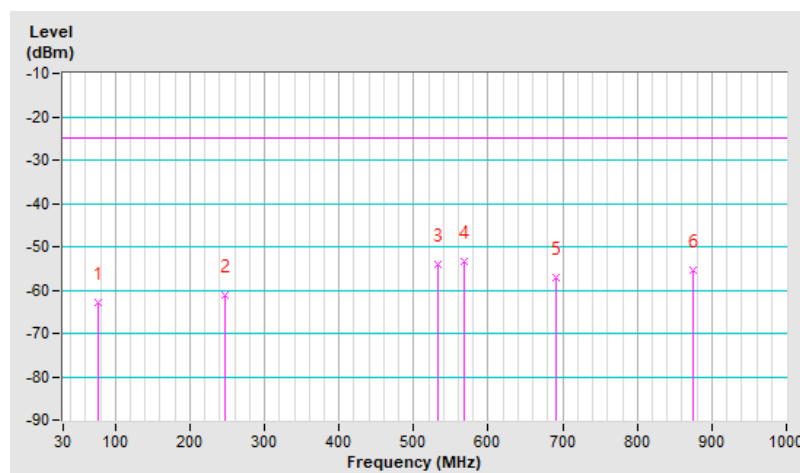


RF Mode	NR n7 SCS 15 kHz Channel Bandwidth: 40MHz	Channel	CH 510000 : 2550 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	77.53	-62.85	-25.00	-37.85	2.00 V	251	49.83	-112.68
2	246.31	-61.27	-25.00	-36.27	1.51 V	90	48.17	-109.44
3	532.46	-54.08	-25.00	-29.08	1.01 V	279	48.16	-102.24
4	568.35	-53.55	-25.00	-28.55	1.01 V	240	47.83	-101.38
5	690.57	-57.08	-25.00	-32.08	1.51 V	128	41.90	-98.98
6	874.87	-55.57	-25.00	-30.57	1.01 V	158	40.93	-96.50

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.



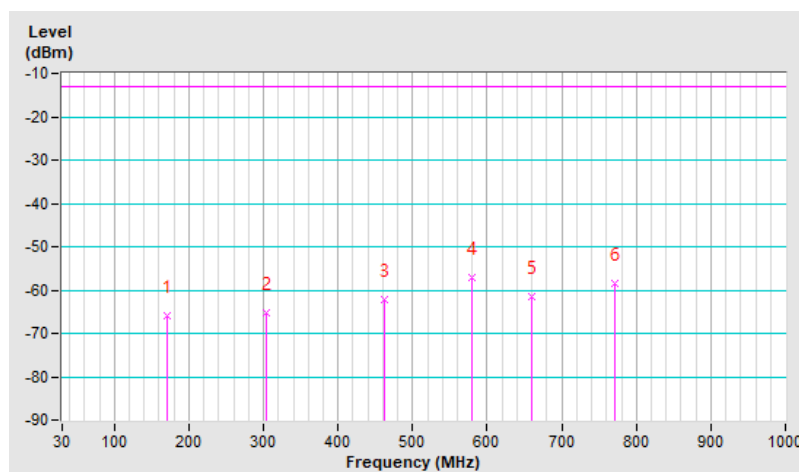
7.2.4 NR n12 SCS 15 kHz - SISO

RF Mode	NR n12 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	170.65	-65.83	-13.00	-52.83	1.00 H	304	45.05	-110.88
2	303.54	-65.37	-13.00	-52.37	1.00 H	19	44.22	-109.59
3	461.65	-62.19	-13.00	-49.19	1.51 H	2	43.24	-105.43
4	579.99	-57.06	-13.00	-44.06	1.51 H	202	46.04	-103.10
5	659.53	-61.66	-13.00	-48.66	1.51 H	85	40.02	-101.68
6	772.05	-58.43	-13.00	-45.43	2.00 H	266	41.12	-99.55

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 of frequency range 30 MHz ~ 1 GHz.
- 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.

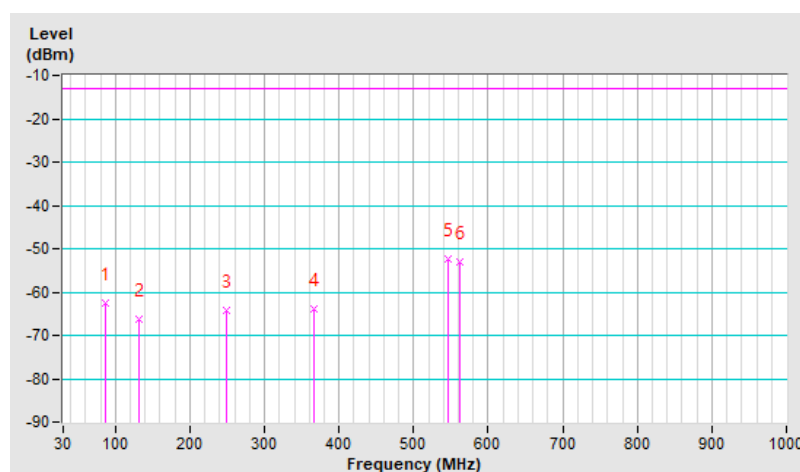


RF Mode	NR n12 SCS 15 kHz Channel Bandwidth: 15MHz	Channel	CH 141300 : 706.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	87.23	-62.50	-13.00	-49.50	1.00 V	305	53.84	-116.34
2	131.85	-66.33	-13.00	-53.33	2.00 V	168	45.12	-111.45
3	248.25	-64.21	-13.00	-51.21	2.00 V	99	47.33	-111.54
4	365.62	-63.95	-13.00	-50.95	1.50 V	132	44.29	-108.24
5	546.04	-52.49	-13.00	-39.49	1.00 V	272	51.67	-104.16
6	561.56	-52.94	-13.00	-39.94	1.00 V	287	50.81	-103.75

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 of frequency range 30 MHz ~ 1 GHz.
- 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.



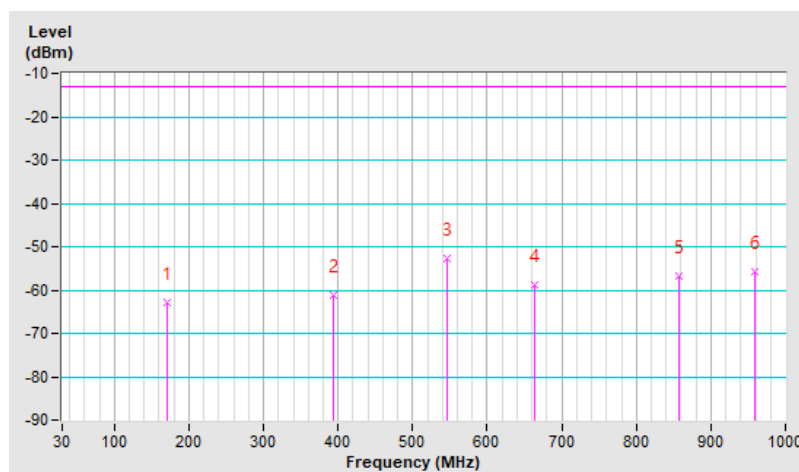
7.2.5 NR n13 SCS 15 kHz - SISO

RF Mode	NR n13 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	171.62	-62.73	-13.00	-49.73	1.00 H	328	46.10	-108.83
2	392.78	-61.09	-13.00	-48.09	2.00 H	2	44.22	-105.31
3	547.01	-52.83	-13.00	-39.83	2.00 H	10	49.16	-101.99
4	664.38	-58.73	-13.00	-45.73	1.50 H	140	40.73	-99.46
5	856.44	-56.70	-13.00	-43.70	1.50 H	188	40.21	-96.91
6	958.29	-55.82	-13.00	-42.82	2.00 H	357	39.26	-95.08

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.

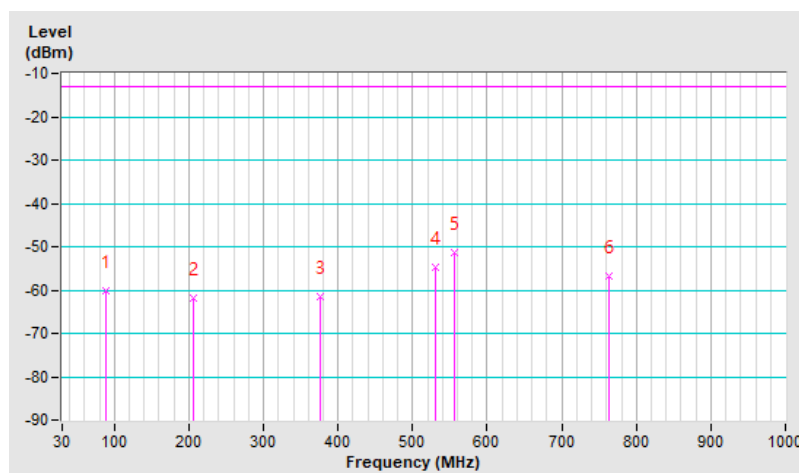


RF Mode	NR n13 SCS 15 kHz Channel Bandwidth: 10MHz	Channel	CH 156400 : 782 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	88.20	-60.27	-13.00	-47.27	1.00 V	290	53.93	-114.20
2	205.57	-61.79	-13.00	-48.79	2.00 V	333	49.78	-111.57
3	376.29	-61.40	-13.00	-48.40	1.49 V	150	44.32	-105.72
4	530.52	-54.77	-13.00	-41.77	1.00 V	238	47.49	-102.26
5	556.71	-51.32	-13.00	-38.32	1.00 V	286	50.44	-101.76
6	763.32	-56.68	-13.00	-43.68	1.49 V	339	40.92	-97.60

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 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.



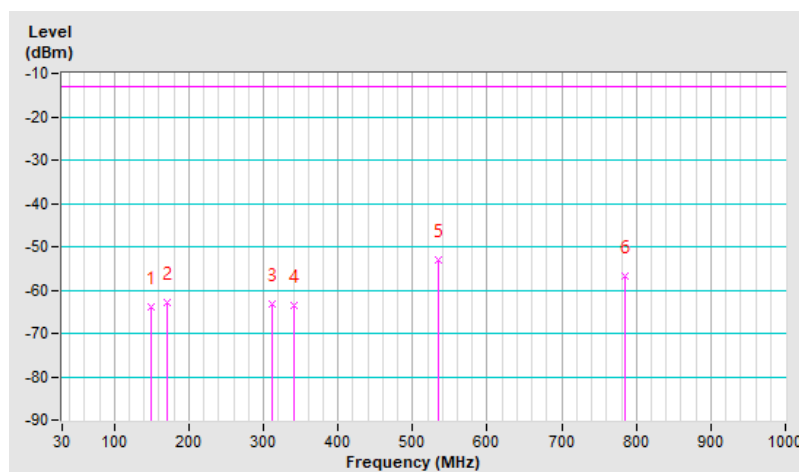
7.2.6 NR n14 SCS 15 kHz - SISO

RF Mode	NR n14 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	149.31	-63.94	-13.00	-50.94	2.00 H	127	44.19	-108.13
2	170.65	-63.02	-13.00	-50.02	1.00 H	328	45.71	-108.73
3	312.27	-63.37	-13.00	-50.37	1.51 H	11	43.71	-107.08
4	341.37	-63.55	-13.00	-50.55	1.51 H	2	42.96	-106.51
5	534.40	-52.94	-13.00	-39.94	1.51 H	352	49.26	-102.20
6	784.66	-56.86	-13.00	-43.86	1.51 H	147	40.45	-97.31

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.

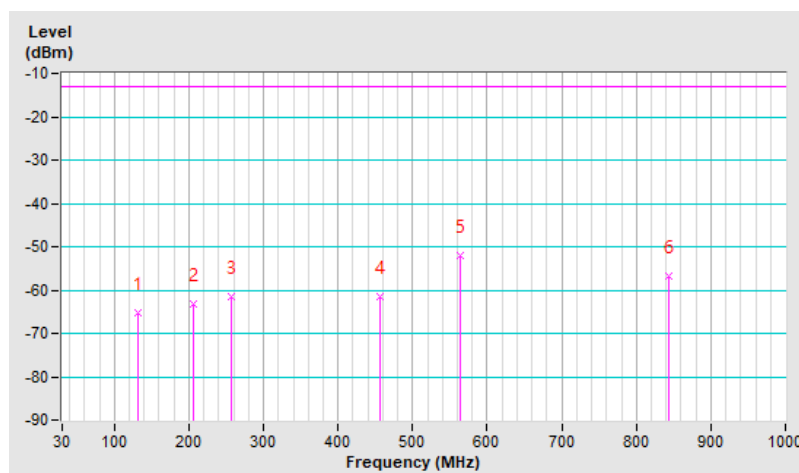


RF Mode	NR n14 SCS 15 kHz Channel Bandwidth: 10MHz	Channel	CH 158600 : 793 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	130.88	-65.41	-13.00	-52.41	2.00 V	296	43.91	-109.32
2	205.57	-63.14	-13.00	-50.14	1.50 V	25	48.43	-111.57
3	256.01	-61.60	-13.00	-48.60	1.01 V	87	47.60	-109.20
4	456.80	-61.63	-13.00	-48.63	1.01 V	324	41.72	-103.35
5	563.50	-52.07	-13.00	-39.07	1.01 V	227	49.48	-101.55
6	842.86	-56.69	-13.00	-43.69	1.50 V	116	40.38	-97.07

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 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.



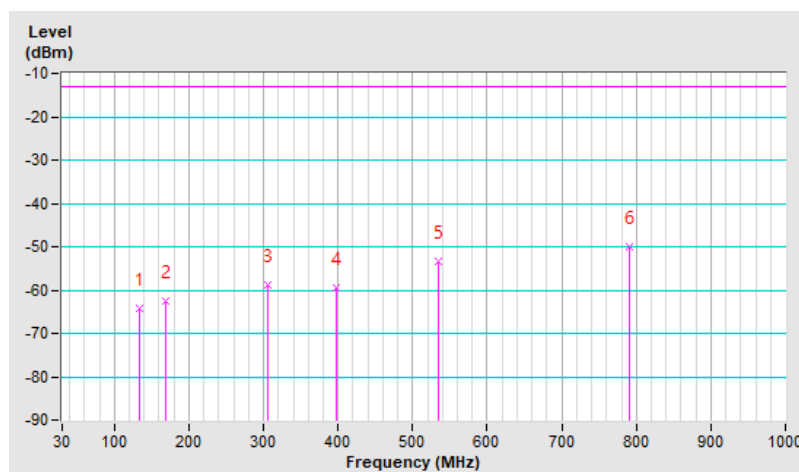
7.2.7 NR n25 SCS 15 kHz - SISO

RF Mode	NR n25 SCS 15 kHz Channel Bandwidth: 40MHz	Channel	CH 372000 : 1860 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, 67% RH
Tested By	Wade Huang		

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	133.79	-64.31	-13.00	-51.31	1.99 H	247	44.70	-109.01
2	168.71	-62.63	-13.00	-49.63	1.99 H	144	46.00	-108.63
3	306.45	-58.91	-13.00	-45.91	1.00 H	169	48.41	-107.32
4	398.60	-59.36	-13.00	-46.36	1.00 H	13	45.85	-105.21
5	535.37	-53.42	-13.00	-40.42	1.99 H	2	48.78	-102.20
6	790.48	-50.02	-13.00	-37.02	1.49 H	303	47.38	-97.40

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 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.

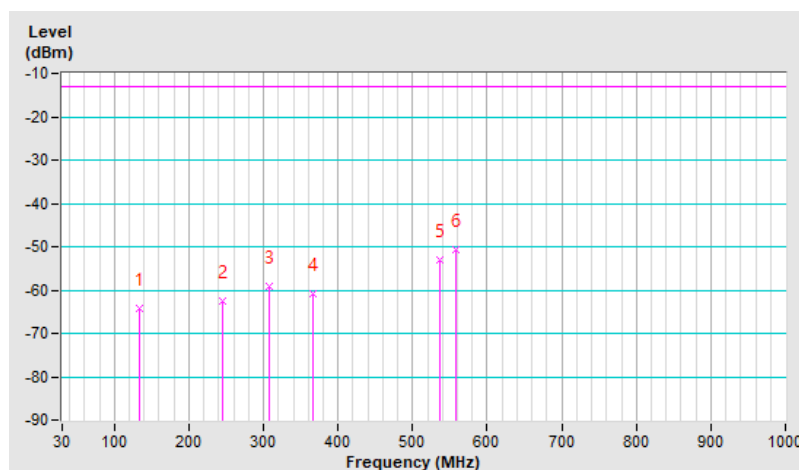


RF Mode	NR n25 SCS 15 kHz Channel Bandwidth: 40MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	132.82	-64.38	-13.00	-51.38	2.00 V	199	44.72	-109.10
2	244.37	-62.39	-13.00	-49.39	1.00 V	102	47.12	-109.51
3	308.39	-59.03	-13.00	-46.03	1.49 V	306	48.20	-107.23
4	366.59	-60.74	-13.00	-47.74	1.49 V	153	45.30	-106.04
5	536.34	-53.21	-13.00	-40.21	1.00 V	301	48.97	-102.18
6	558.65	-50.67	-13.00	-37.67	1.00 V	234	51.03	-101.70

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.



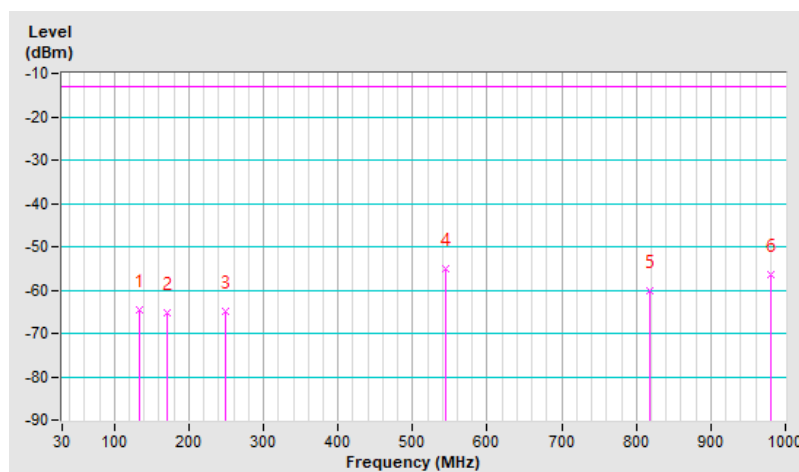
7.2.8 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz) - SISO

RF Mode	NR n26 SCS 15 kHz (814 MHz ~ 824 MHz) 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, 67% RH
Tested By	Wade Huang		

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	133.79	-64.64	-13.00	-51.64	2.00 H	266	46.52	-111.16
2	170.65	-65.38	-13.00	-52.38	1.00 H	113	45.50	-110.88
3	248.25	-65.01	-13.00	-52.01	1.51 H	359	46.53	-111.54
4	544.10	-55.25	-13.00	-42.25	1.51 H	2	48.95	-104.20
5	817.64	-60.13	-13.00	-47.13	2.00 H	178	39.23	-99.36
6	980.60	-56.33	-13.00	-43.33	2.00 H	48	40.39	-96.72

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 of frequency range 30 MHz ~ 1 GHz.
- 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.

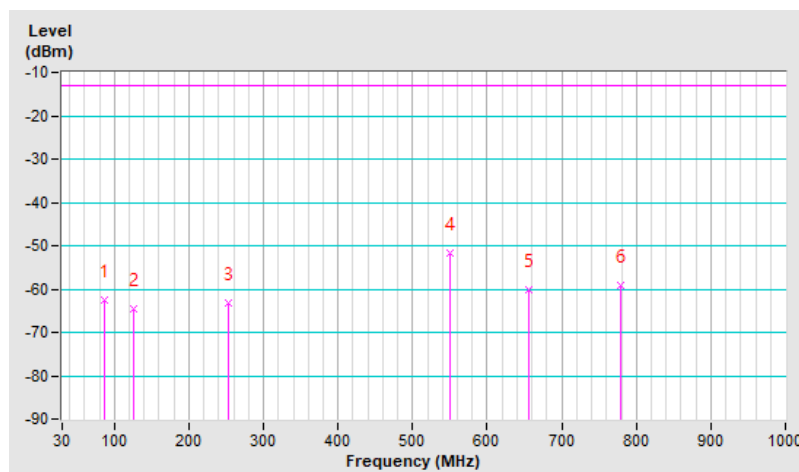


RF Mode	NR n26 SCS 15 kHz (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	Channel	CH 163800 : 819 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	87.23	-62.63	-13.00	-49.63	1.50 V	276	53.71	-116.34
2	125.06	-64.60	-13.00	-51.60	1.50 V	168	47.39	-111.99
3	253.10	-63.34	-13.00	-50.34	2.00 V	72	48.07	-111.41
4	550.89	-51.69	-13.00	-38.69	1.01 V	285	52.36	-104.05
5	655.65	-60.18	-13.00	-47.18	1.50 V	131	41.53	-101.71
6	779.81	-59.03	-13.00	-46.03	1.50 V	18	40.46	-99.49

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.



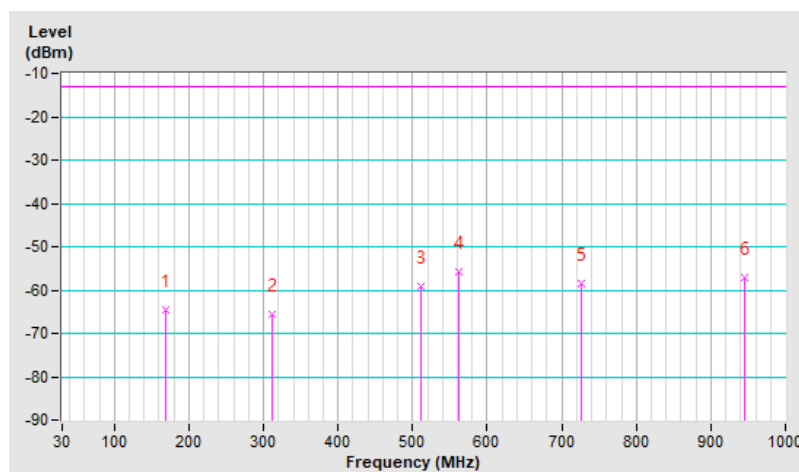
7.2.9 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) - SISO

RF Mode	NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) 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, 67% RH
Tested By	Wade Huang		

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	169.68	-64.68	-13.00	-51.68	1.99 H	153	46.13	-110.81
2	312.27	-65.72	-13.00	-52.72	1.00 H	5	43.51	-109.23
3	511.12	-59.15	-13.00	-46.15	1.99 H	15	45.66	-104.81
4	562.53	-55.66	-13.00	-42.66	1.99 H	2	48.06	-103.72
5	726.46	-58.39	-13.00	-45.39	1.50 H	56	42.45	-100.84
6	944.71	-57.16	-13.00	-44.16	1.00 H	1	40.26	-97.42

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 of frequency range 30 MHz ~ 1 GHz.
- 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.

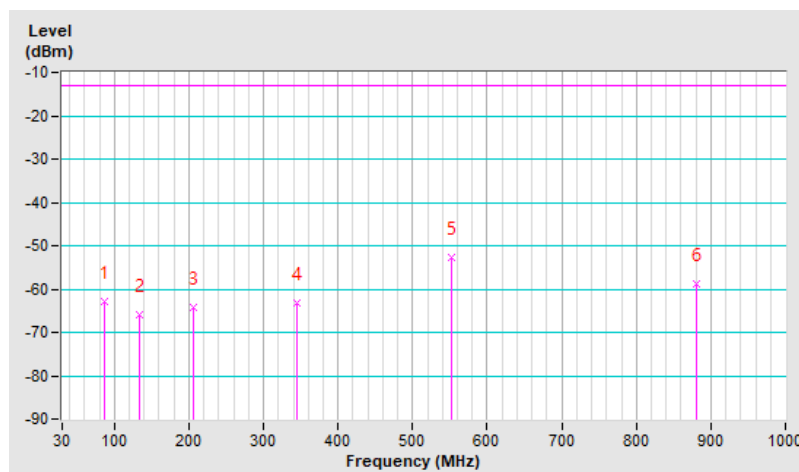


RF Mode	NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	87.23	-63.04	-13.00	-50.04	1.00 V	249	53.30	-116.34
2	133.79	-65.79	-13.00	-52.79	1.00 V	51	45.37	-111.16
3	205.57	-64.08	-13.00	-51.08	1.49 V	15	49.64	-113.72
4	345.25	-63.21	-13.00	-50.21	1.49 V	165	45.47	-108.68
5	551.86	-52.74	-13.00	-39.74	1.00 V	217	51.29	-104.03
6	881.66	-58.90	-13.00	-45.90	2.00 V	61	39.61	-98.51

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 of frequency range 30 MHz ~ 1 GHz.
- 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.



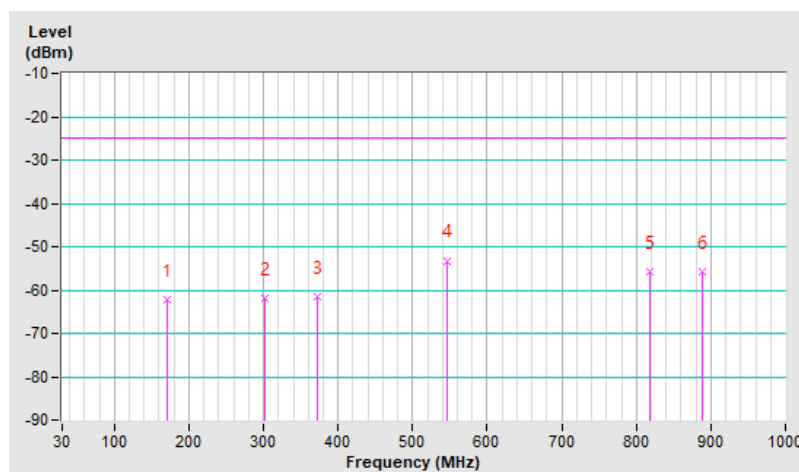
7.2.10 NR n38 SCS 30 kHz - SISO

RF Mode	NR n38 SCS 30 kHz Channel Bandwidth: 40MHz	Channel	CH 51900 : 2595 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, 67% RH
Tested By	Wade Huang		

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	171.62	-62.07	-25.00	-37.07	1.00 H	318	46.76	-108.83
2	301.60	-61.96	-25.00	-36.96	1.51 H	172	45.54	-107.50
3	371.44	-61.62	-25.00	-36.62	2.00 H	180	44.23	-105.85
4	547.01	-53.22	-25.00	-28.22	1.51 H	346	48.77	-101.99
5	817.64	-55.83	-25.00	-30.83	1.51 H	56	41.38	-97.21
6	889.42	-55.82	-25.00	-30.82	2.00 H	18	40.35	-96.17

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 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.

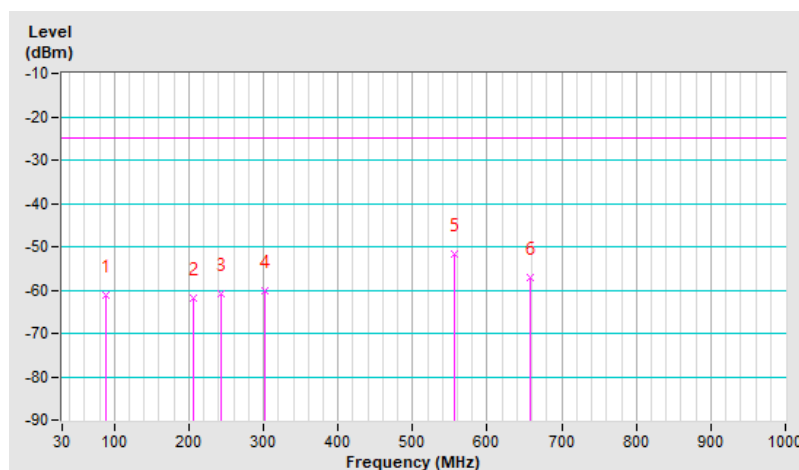


RF Mode	NR n38 SCS 30 kHz Channel Bandwidth: 40MHz	Channel	CH 51900 : 2595 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	89.17	-61.28	-25.00	-36.28	1.50 V	257	52.93	-114.21
2	205.57	-61.84	-25.00	-36.84	2.00 V	228	49.73	-111.57
3	243.40	-60.89	-25.00	-35.89	1.01 V	128	48.67	-109.56
4	301.60	-60.01	-25.00	-35.01	1.50 V	288	47.49	-107.50
5	556.71	-51.81	-25.00	-26.81	1.01 V	327	49.95	-101.76
6	658.56	-57.25	-25.00	-32.25	2.00 V	196	42.30	-99.55

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.



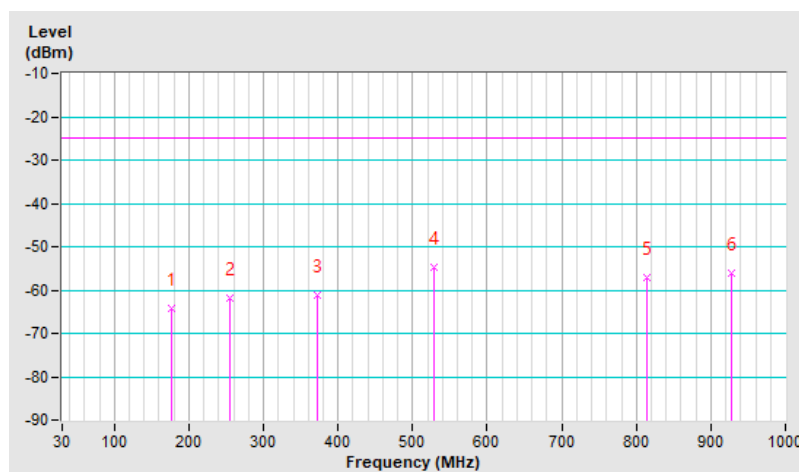
7.2.11 NR n41 SCS 30 kHz - SISO

RF Mode	NR n41 SCS 30 kHz 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, 67% RH
Tested By	Wade Huang		

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	177.44	-64.11	-25.00	-39.11	1.50 H	327	45.42	-109.53
2	255.04	-61.87	-25.00	-36.87	2.00 H	154	47.37	-109.24
3	372.41	-61.04	-25.00	-36.04	1.01 H	159	44.79	-105.83
4	529.55	-54.80	-25.00	-29.80	1.01 H	2	47.47	-102.27
5	814.73	-57.22	-25.00	-32.22	1.01 H	164	40.00	-97.22
6	928.22	-56.13	-25.00	-31.13	1.01 H	10	39.38	-95.51

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.

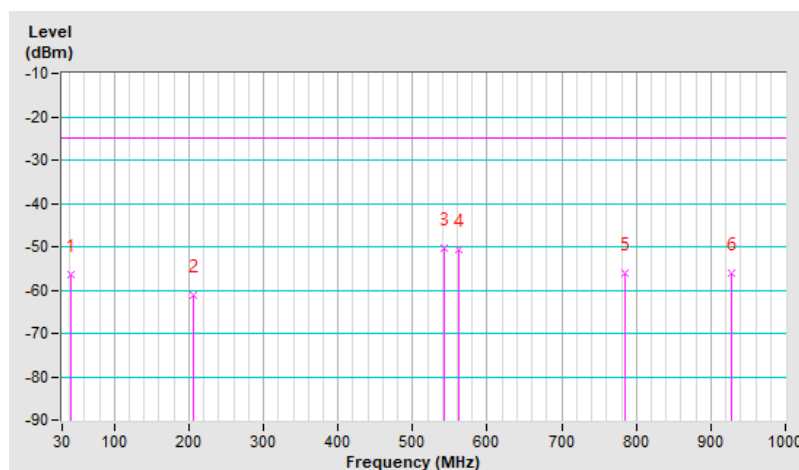


RF Mode	NR n41 SCS 30 kHz Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	41.64	-56.45	-25.00	-31.45	2.00 V	22	52.19	-108.64
2	205.57	-61.33	-25.00	-36.33	1.49 V	223	50.24	-111.57
3	542.16	-50.29	-25.00	-25.29	1.00 V	250	51.81	-102.10
4	561.56	-50.81	-25.00	-25.81	1.00 V	244	50.79	-101.60
5	784.66	-56.21	-25.00	-31.21	1.49 V	2	41.10	-97.31
6	927.25	-56.06	-25.00	-31.06	1.00 V	215	39.46	-95.52

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.



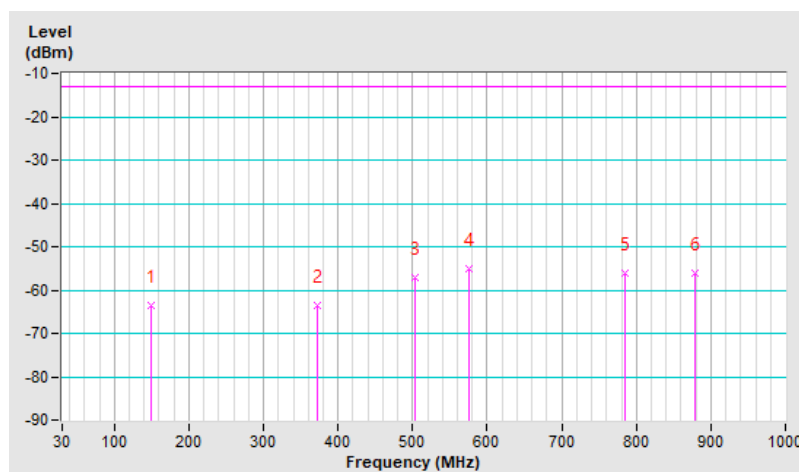
7.2.12 NR n66 SCS 15 kHz - SISO

RF Mode	NR n66 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	149.31	-63.44	-13.00	-50.44	2.00 H	151	44.69	-108.13
2	372.41	-63.60	-13.00	-50.60	2.00 H	161	42.23	-105.83
3	502.39	-57.03	-13.00	-44.03	1.51 H	350	45.86	-102.89
4	576.11	-55.18	-13.00	-42.18	1.51 H	2	45.90	-101.08
5	784.66	-56.10	-13.00	-43.10	1.51 H	153	41.21	-97.31
6	878.75	-56.17	-13.00	-43.17	1.51 H	19	40.25	-96.42

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.

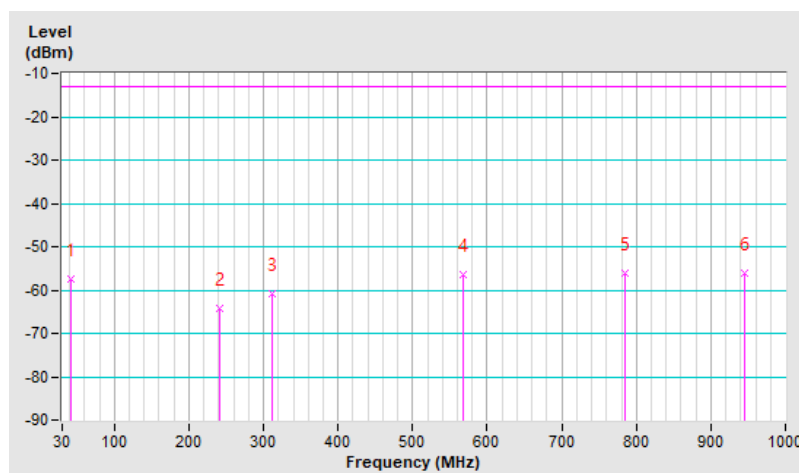


RF Mode	NR n66 SCS 15 kHz Channel Bandwidth: 40MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	41.64	-57.58	-13.00	-44.58	1.50 V	326	51.06	-108.64
2	241.46	-64.21	-13.00	-51.21	1.00 V	127	45.42	-109.63
3	312.27	-60.81	-13.00	-47.81	1.50 V	158	46.27	-107.08
4	567.38	-56.46	-13.00	-43.46	1.50 V	162	44.95	-101.41
5	784.66	-56.23	-13.00	-43.23	1.50 V	144	41.08	-97.31
6	944.71	-55.99	-13.00	-42.99	2.00 V	95	39.28	-95.27

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 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.



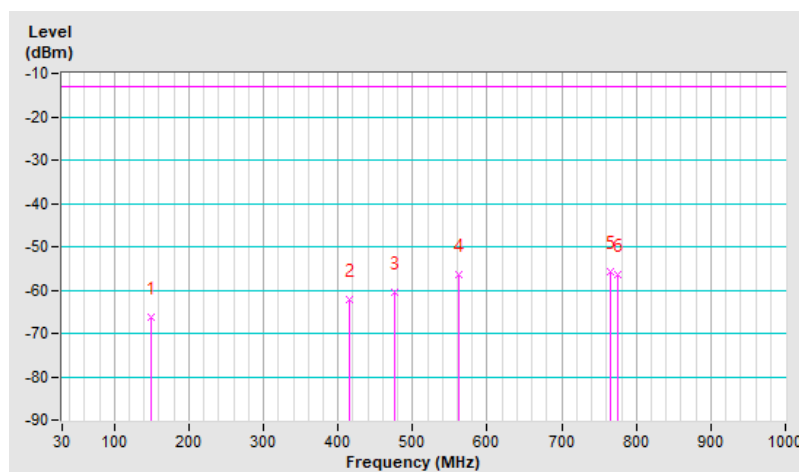
7.2.13 NR n71 SCS 15 kHz - SISO

RF Mode	NR n71 SCS 15 kHz Channel Bandwidth: 30MHz	Channel	CH 135600 : 678 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, 67% RH
Tested By	Wade Huang		

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	149.31	-66.24	-13.00	-53.24	1.00 H	135	44.04	-110.28
2	416.06	-62.37	-13.00	-49.37	2.00 H	356	44.59	-106.96
3	476.20	-60.51	-13.00	-47.51	1.51 H	9	44.79	-105.30
4	561.56	-56.30	-13.00	-43.30	1.51 H	2	47.45	-103.75
5	765.26	-55.74	-13.00	-42.74	2.00 H	317	43.93	-99.67
6	775.93	-56.45	-13.00	-43.45	2.00 H	347	43.09	-99.54

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 of frequency range 30 MHz ~ 1 GHz.
- 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.

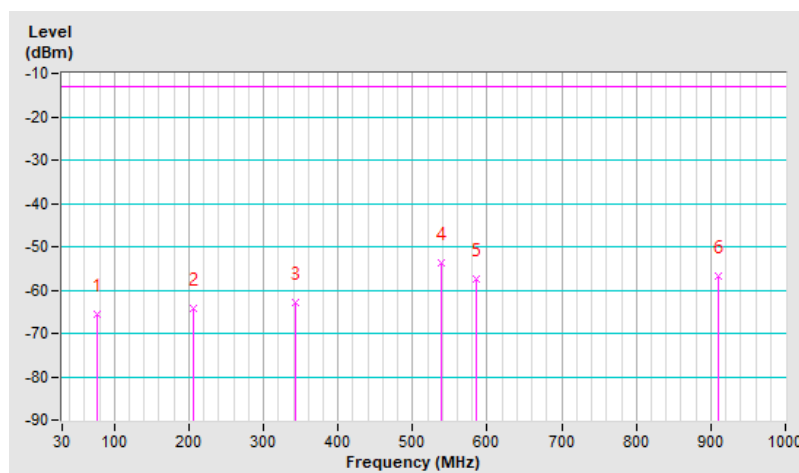


RF Mode	NR n71 SCS 15 kHz Channel Bandwidth: 30MHz	Channel	CH 135600 : 678 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	77.53	-65.44	-13.00	-52.44	2.00 V	289	49.39	-114.83
2	205.57	-64.14	-13.00	-51.14	1.01 V	248	49.58	-113.72
3	343.31	-62.79	-13.00	-49.79	1.50 V	152	45.88	-108.67
4	538.28	-53.63	-13.00	-40.63	1.01 V	245	50.68	-104.31
5	584.84	-57.50	-13.00	-44.50	1.01 V	95	45.42	-102.92
6	910.76	-56.89	-13.00	-43.89	1.01 V	175	40.97	-97.86

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) + $20\log(D) - 104.8 - 2.15$
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.



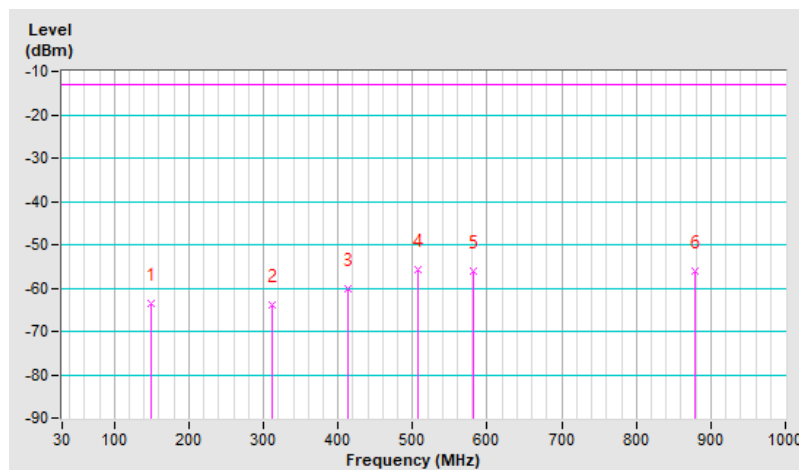
7.2.14 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	148.34	-63.69	-13.00	-50.69	1.00 H	147	44.51	-108.20
2	312.27	-63.75	-13.00	-50.75	1.50 H	15	43.33	-107.08
3	413.15	-60.27	-13.00	-47.27	1.99 H	23	44.64	-104.91
4	507.24	-55.88	-13.00	-42.88	1.99 H	2	46.88	-102.76
5	580.96	-56.05	-13.00	-43.05	1.50 H	199	44.86	-100.91
6	877.78	-55.99	-13.00	-42.99	1.50 H	18	40.45	-96.44

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.

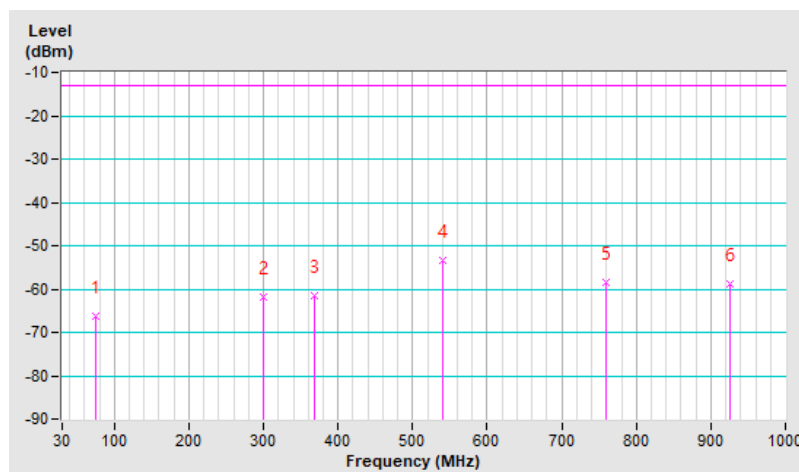


RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	74.62	-66.26	-13.00	-53.26	1.00 V	244	45.56	-111.82
2	299.66	-61.79	-13.00	-48.79	1.50 V	298	45.78	-107.57
3	367.56	-61.49	-13.00	-48.49	1.50 V	199	44.52	-106.01
4	541.19	-53.34	-13.00	-40.34	1.00 V	210	48.77	-102.11
5	760.41	-58.38	-13.00	-45.38	1.00 V	18	39.33	-97.71
6	926.28	-58.77	-13.00	-45.77	2.00 V	15	36.76	-95.53

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 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.



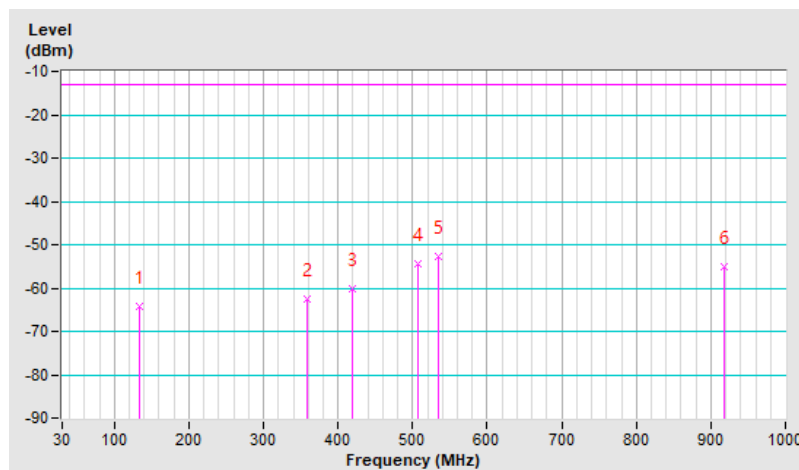
7.2.15 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) - MIMO

RF Mode	NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	132.82	-64.39	-13.00	-51.39	1.00 H	249	44.71	-109.10
2	357.86	-62.71	-13.00	-49.71	2.00 H	355	43.65	-106.36
3	419.94	-60.06	-13.00	-47.06	1.51 H	2	44.60	-104.66
4	506.27	-54.56	-13.00	-41.56	1.51 H	16	48.23	-102.79
5	534.40	-52.81	-13.00	-39.81	1.51 H	9	49.39	-102.20
6	918.52	-55.15	-13.00	-42.15	2.00 H	98	40.52	-95.67

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.

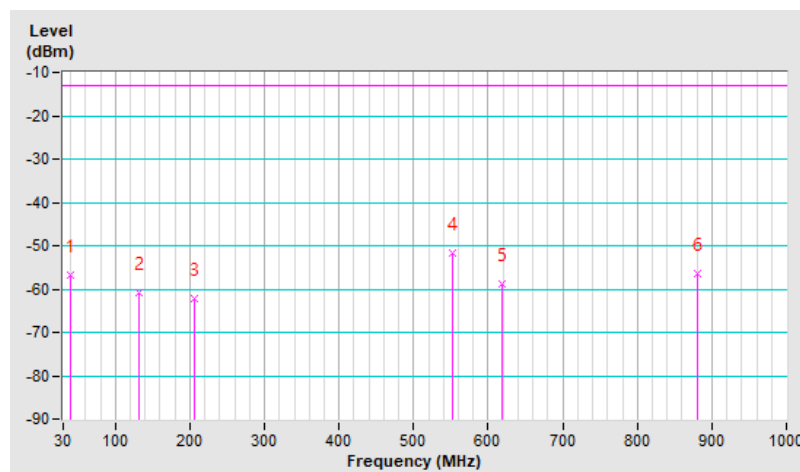


RF Mode	NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 67% RH
Tested By	Wade Huang		

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	40.67	-56.75	-13.00	-43.75	1.50 V	104	51.99	-108.74
2	131.85	-60.98	-13.00	-47.98	2.00 V	210	48.32	-109.30
3	206.54	-62.09	-13.00	-49.09	1.50 V	228	49.46	-111.55
4	551.86	-51.56	-13.00	-38.56	1.01 V	275	50.32	-101.88
5	617.82	-58.66	-13.00	-45.66	1.01 V	318	41.48	-100.14
6	881.66	-56.44	-13.00	-43.44	1.01 V	147	39.92	-96.36

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 SCS 15 kHz - SISO

RF Mode	NR n2 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-48.79	-13.00	-35.79	2.30 H	210	42.18	-90.97
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	3720.00	-49.10	-13.00	-36.10	1.51 V	237	41.87	-90.97

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.

7.3.2 NR n5 SCS 15 kHz - SISO

RF Mode	NR n5 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-58.29	-13.00	-45.29	1.83 H	163	42.91	-101.20
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	-58.51	-13.00	-45.51	1.42 V	219	42.69	-101.20

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.

7.3.3 NR n7 SCS 15 kHz - SISO

RF Mode	NR n7 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-44.08	-25.00	-19.08	1.42 H	49	40.99	-85.07
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	5100.00	-44.64	-25.00	-19.64	1.52 V	251	40.43	-85.07

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.

7.3.4 NR n12 SCS 15 kHz - SISO

RF Mode	NR n12 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-57.10	-13.00	-44.10	1.73 H	152	44.90	-102.00
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	-57.86	-13.00	-44.86	1.37 V	205	44.14	-102.00

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.

7.3.5 NR n13 SCS 15 kHz - SISO

RF Mode	NR n13 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-53.99	-40.00	-13.99	1.86 H	153	45.53	-99.52
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	-54.77	-40.00	-14.77	1.40 V	209	44.75	-99.52

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 SCS 15 kHz - SISO

RF Mode	NR n14 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-53.90	-40.00	-13.90	1.79 H	157	45.61	-99.51
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	-54.88	-40.00	-14.88	1.35 V	215	44.63	-99.51

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 SCS 15 kHz - SISO

RF Mode	NR n25 SCS 15 kHz Channel Bandwidth: 40MHz	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, 67% RH
Tested By	Wade Huang		

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	-47.51	-13.00	-34.51	1.62 H	283	43.31	-90.82
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	-50.09	-13.00	-37.09	1.48 V	296	40.73	-90.82

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 SCS 15 kHz (814 MHz ~ 824 MHz) - SISO

RF Mode	NR n26 SCS 15 kHz (814 MHz ~ 824 MHz) 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, 67% RH
Tested By	Wade Huang		

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	-55.91	-13.00	-42.91	1.73 H	153	45.57	-101.48
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	-56.85	-13.00	-43.85	1.38 V	213	44.63	-101.48

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.

7.3.9 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) - SISO

RF Mode	NR n26 SCS 15 kHz (824 MHz ~ 849 MHz) 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, 67% RH
Tested By	Wade Huang		

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	-56.23	-13.00	-43.23	1.75 H	147	44.92	-101.15
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	-57.38	-13.00	-44.38	1.39 V	212	43.77	-101.15

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.

7.3.10 NR n38 SCS 30 kHz - SISO

RF Mode	NR n38 SCS 30 kHz Channel Bandwidth: 40MHz	Channel	CH 51900 : 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, 67% RH
Tested By	Wade Huang		

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	-43.28	-25.00	-18.28	1.60 H	295	42.25	-85.53
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	5190.00	-43.61	-25.00	-18.61	1.51 V	183	41.92	-85.53

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.

7.3.11 NR n38 SCS 30 kHz - MIMO

RF Mode	NR n38 SCS 30 kHz Channel Bandwidth: 20MHz	Channel	CH 51900 : 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, 67% RH
Tested By	Wade Huang		

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	-44.41	-25.00	-19.41	1.71 H	140	41.12	-85.53
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	5190.00	-44.67	-25.00	-19.67	1.30 V	207	40.86	-85.53

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.

7.3.12 NR n41 SCS 30 kHz - SISO

RF Mode	NR n41 SCS 30 kHz 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, 67% RH
Tested By	Wade Huang		

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	-43.40	-25.00	-18.40	1.65 H	285	42.10	-85.50
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	-43.73	-25.00	-18.73	1.31 V	189	41.77	-85.50

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 SCS 30 kHz - MIMO

RF Mode	NR n41 SCS 30 kHz 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, 67% RH
Tested By	Wade Huang		

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	-43.36	-25.00	-18.36	1.65 H	283	42.14	-85.50
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	-43.69	-25.00	-18.69	1.34 V	193	41.81	-85.50

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 SCS 15 kHz - SISO

RF Mode	NR n66 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-51.07	-13.00	-38.07	1.67 H	285	41.25	-92.32
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	-51.43	-13.00	-38.43	1.36 V	176	40.89	-92.32

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 SCS 15 kHz - SISO

RF Mode	NR n71 SCS 15 kHz 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, 67% RH
Tested By	Wade Huang		

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	-57.04	-13.00	-44.04	1.68 H	132	45.34	-102.38
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	-58.29	-13.00	-45.29	1.42 V	198	44.09	-102.38

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.

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

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.45	-13.00	-27.45	1.66 H	302	41.95	-82.40
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	6910.02	-41.76	-13.00	-28.76	1.39 V	178	40.64	-82.40

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.

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.71	-13.00	-27.71	1.70 H	301	41.69	-82.40
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	7000.02	-41.29	-13.00	-28.29	1.40 V	182	41.11	-82.40

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.

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.61	-13.00	-27.61	1.74 H	300	41.60	-82.21
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	7089.96	-41.60	-13.00	-28.60	1.38 V	179	40.61	-82.21

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 n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.32	-13.00	-27.32	1.66 H	301	42.08	-82.40
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	7000.02	-40.93	-13.00	-27.93	1.32 V	178	41.47	-82.40

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.

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

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-42.26	-13.00	-29.26	1.78 H	144	40.14	-82.40
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	6910.02	-42.64	-13.00	-29.64	1.47 V	213	39.76	-82.40

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.

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.96	-13.00	-28.96	1.86 H	149	40.44	-82.40
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	7000.02	-42.51	-13.00	-29.51	1.40 V	214	39.89	-82.40

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.

RF Mode	NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-42.25	-13.00	-29.25	1.79 H	145	39.96	-82.21
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	7089.96	-42.65	-13.00	-29.65	1.47 V	207	39.56	-82.21

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 n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.69	-13.00	-28.69	1.85 H	143	40.71	-82.40
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	7000.02	-42.04	-13.00	-29.04	1.41 V	209	40.36	-82.40

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.

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

RF Mode	NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.06	-13.00	-28.06	1.85 H	292	40.93	-81.99
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	-41.46	-13.00	-28.46	1.36 V	179	40.53	-81.99

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.79	-13.00	-27.79	1.80 H	294	41.63	-82.42
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	-41.24	-13.00	-28.24	1.30 V	175	41.18	-82.42

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.39	-13.00	-27.39	1.79 H	289	41.63	-82.02
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	-41.51	-13.00	-28.51	1.35 V	177	40.51	-82.02

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.25	-13.00	-27.25	1.82 H	288	41.70	-81.95
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	-41.19	-13.00	-28.19	1.30 V	178	40.76	-81.95

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.

RF Mode	NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.55	-13.00	-27.55	1.82 H	289	41.87	-82.42
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	-41.10	-13.00	-28.10	1.30 V	181	41.32	-82.42

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-40.93	-13.00	-27.93	1.83 H	293	41.09	-82.02
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	-41.17	-13.00	-28.17	1.36 V	177	40.85	-82.02

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) - MIMO

RF Mode	NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.65	-13.00	-28.65	1.86 H	146	40.34	-81.99
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	-41.81	-13.00	-28.81	1.46 V	214	40.18	-81.99

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-42.22	-13.00	-29.22	1.85 H	146	40.20	-82.42
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	-42.72	-13.00	-29.72	1.48 V	207	39.70	-82.42

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.55	-13.00	-28.55	1.77 H	150	40.47	-82.02
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	-41.71	-13.00	-28.71	1.43 V	214	40.31	-82.02

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.92	-13.00	-28.92	1.84 H	144	40.03	-81.95
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	-42.10	-13.00	-29.10	1.49 V	210	39.85	-81.95

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.

RF Mode	NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.74	-13.00	-28.74	1.87 H	145	40.68	-82.42
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	-41.97	-13.00	-28.97	1.44 V	211	40.45	-82.42

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 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) 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, 67% RH
Tested By	Wade Huang		

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	-41.78	-13.00	-28.78	1.82 H	144	40.24	-82.02
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	-42.33	-13.00	-29.33	1.40 V	212	39.69	-82.02

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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