FCC RF Test Report

APPLICANT	:	Veea Inc.
EQUIPMENT	:	Wireless Edge Server
BRAND NAME	:	VeeaHub
MODEL NAME	:	VHC25-5G
FCC ID	:	2ARXK-VHC25-5G
STANDARD	:	47 CFR Part 22, 24, 27
CLASSIFICATION	:	PCS Licensed Transmitter (PCB)
TEST DATE(S)	:	Jul. 23, 2024 ~ Sep. 11, 2024

This product installed a RF module (Brand Name: Quectel, Model Name: RM520N-GL, FCC ID: XMR2022RM520NGL) during the test, only Conducted Power, EIRP and RSE test items are tested in this report, all the other test results are leveraged from module RF report.

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG452231J	Rev. 01	Initial issue of report	Sep. 18, 2024

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (5G NR n5, n26)	ERP < 7 Watt		
	§27.50(b)(10) §27.50(c)(10)	Effective Radiated Power (5G NR n12, n13, n71)	ERP < 3 Watt		
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (5G NR n2, n25) (5G NR n7, n41, n38)	EIRP < 2Watt		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (5G NR n66, n70)	EIRP < 1Watt		
-	§24.232(d) §27.50(j)(4)	Peak-to-Average Ratio	<13 dB	PASS	1
-	§2.1049	Occupied Bandwidth	Reporting Only	PASS	1
-	§2.1051 §22.917(a) §24.238(a) §27.53(h) §27.53(g)	Conducted Band Edge Measurement (5G NR n5, n26) (5G NR n2, n25) (5G NR n66, n70) (5G NR n12, n13, n71)	< 43+10log10(P[Watts])	PASS	1
	§27.53(m)(4)	Conducted Band Edge Measurement (5G NR n7, n41, n38)	§27.53(m)(4)		
-	§2.1051 §22.917(a) §24.238(a) §27.53(h) §27.53(g)	Conducted Spurious Emission (5G NR n5, n26) (5G NR n2, n25) (5G NR n66, n70) (5G NR n12, n13, n71)	< 43+10log10(P[Watts])	PASS	1
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (5G NR n7, n41, n38)	< 55+10log$_{10}$(P[Watts])		
-	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	1
	§24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h) §27.53(g)	Radiated Spurious Emission (5G NR n5, n26) (5G NR n2, n25) (5G NR n66, n70) (5G NR n12, n13, n71)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 11.38 dB at 14482.000 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n7, n41, n38)	< 55+10log$_{10}$(P[Watts])		

Remark 1: All test results were leveraged from module RF report which can refer to Report No "SEWA2204000008RG02".

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Applicant

Veea Inc.
164 E 83rd Street, NEW YORK, United States 10028

1.2 Manufacturer

Veea Inc.
164 E 83rd Street, NEW YORK, United States 10028

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wireless Edge Server
Brand Name	VeeaHub
Model Name	VHC25-5G
FCC ID	2ARXK-VHC25-5G
SN Code	Radiation: C25DCW00000000006145
HW Version	1.0
SW Version	2.33.1-0.mfg.alpha.4.0.7
EUT Stage	Identical Prototype

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n13 : 777 MHz ~ 787 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n26 : 824 MHz ~ 849 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n70 : 1695 MHz ~ 1710 MHz 5G NR n71: 663 MHz ~ 698 MHz
Rx Frequency	5G NR n2 : 1930 MHz ~ 1990 MHz 5G NR n5 : 869 MHz ~ 894 MHz 5G NR n7 : 2620 MHz ~ 2690 MHz 5G NR n12: 729 MHz ~ 746 MHz 5G NR n13 : 746 MHz ~ 756 MHz 5G NR n25 : 1930 MHz ~ 1995 MHz 5G NR n26 : 869 MHz ~ 894 MHz 5G NR n38: 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz

	5G NR n66 : 2110 MHz~ 2200 MHz 5G NR n70 : 1995 MHz ~ 2020 MHz 5G NR n71: 617 MHz ~ 652 MHz
Bandwidth	n2/n5/n26/n71: 5MHz / 10MHz / 15MHz / 20MHz n7/n25: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n12/n70 : 5MHz / 10MHz / 15MHz n13 : 5MHz / 10MHz n38: 10MHz / 15MHz / 20MHz / 30MHz / 40MHz n41: 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz n66 : 5MHz / 10MHz / 15MHz / 20MHz/ 30MHz / 40MHz
SCS	15kHz for FDD Bands, 30kHz for TDD Bands
Antenna Gain	**<Ant. 0>:** 5G NR n2: 3.48 dBi 5G NR n5: 1.32 dBi 5G NR n7: 2.32 dBi 5G NR n12: 1.78 dBi 5G NR n13: 1.95 dBi 5G NR n25: 3.55 dBi 5G NR n26: 1.47 dBi 5G NR n38: 1.98 dBi 5G NR n41: 2.35 dBi 5G NR n66: 2.45 dBi 5G NR n71: 1.54 dBi **<Ant. 2>:** 5G NR n2: 3.96 dBi 5G NR n7: 2.57 dBi 5G NR n25: 4.00 dBi 5G NR n38: 2.80 dBi 5G NR n41: 2.80 dBi 5G NR n66: 1.90 dBi 5G NR n70: 1.00 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Remark:

1. The maximum ERP/EIRP is calculated from max output power and max antenna gain, only the maximum ERP/EIRP are shown in the report, 5G NR n5/n7/n12/n13/n25/n26/n38/n41/n66/n71 for Ant. 0 and n2/n70 for Ant. 2.
2. 5G NR support SA (n2/n5/n7/n12/n13/n25/n26/n38/n41/n60/n70/n71) mode and NSA(n2/n5/n7/n12/n25/n38/n41/n60/n71) mode.
3. 5G NR n38/n41 supports power class 2 mode.
4. 5G NR n38/n41 support UL MIMO mode for Ant(0+2).
5. 5G NR n38/n41 UL_MIMO mode supports CP-OFDM Modulation only, the MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.
6. All the supported ENDC combinations are verified conducted power, only the ENDC combination with highest power are shown in the report.
7. The EN-DC mode combination could be referred to the product spec.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum ERP/EIRP and Emission Designator

EN-DC_4A_n2A		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
5	1852.5 ~ 1907.5	0.5649	0.4842
10	1855.0 ~ 1905.0	0.5598	0.4529
15	1857.5 ~ 1902.5	0.5559	0.4325
20	1860.0 ~ 1900.0	0.5741	0.4819

5G NR n25		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
5	1852.5 ~ 1912.5	0.5035	0.4018
10	1855.0 ~ 1910.0	0.4775	0.3890
15	1857.5 ~ 1907.5	0.5012	0.4093
20	1860.0 ~ 1905.0	0.4977	0.4074
25	1862.5 ~ 1902.5	0.4943	0.4009
30	1865.0 ~ 1900.0	0.5012	0.4055
40	1870.0 ~ 1895.0	0.5058	0.4236

5G NR n5		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Maximum ERP(W)
5	826.5 ~ 846.5	0.1959	0.1589
10	829.0 ~ 844.0	0.1910	0.1535
15	831.5 ~ 841.5	0.1959	0.1574
20	834.0 ~ 839.0	0.1963	0.1574

5G NR n26		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Maximum ERP(W)
5	826.5 ~ 846.5	0.2032	0.1607
10	829.0 ~ 844.0	0.1982	0.1589
15	831.5 ~ 841.5	0.2046	0.1644
20	834.0 ~ 839.0	0.2061	0.1663

5G NR n12		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Maximum ERP(W)
5	701.5 ~ 713.5	0.2183	0.1762
10	704.0~ 711.0	0.2218	0.1762
15	706.5 ~ 708.5	0.2259	0.1828

5G NR n13		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Maximum ERP(W)
5	779.5 ~ 784.5	0.2128	0.1663
10	782	0.2148	0.1722

5G NR n66		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
5	1712.5 ~ 1777.5	0.4436	0.3648
10	1715.0 ~ 1775.0	0.4406	0.3532
15	1717.5 ~ 1772.5	0.4508	0.3750
20	1720.0 ~ 1770.0	0.4457	0.3589
30	1725.0 ~ 1765.0	0.4519	0.3707
40	1730.0 ~ 1760.0	0.4550	0.3664

5G NR n70		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
5	1697.5 ~ 1707.5	0.2198	0.1726
10	1700.0 ~ 1705.0	0.2168	0.1722
15	1702.5	0.2213	0.1766

5G NR n71		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Maximum ERP(W)
5	665.5 ~ 695.5	0.1977	0.1567
10	668.0 ~ 693.0	0.2014	0.1563
15	670.5 ~ 690.5	0.2004	0.1614
20	673.0 ~ 688.0	0.2032	0.1618

5G NR n7		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
5	2502.5 ~ 2567.5	0.3899	0.3251
10	2505.0 ~ 2565.0	0.3917	0.3155
15	2507.5 ~ 2562.5	0.4102	0.3342
20	2510.0 ~ 2560.0	0.3999	0.3342
25	2512.5 ~ 2557.5	0.4111	0.3532
30	2515.0 ~ 2555.0	0.4111	0.3304
40	2520.0 ~ 2550.0	0.4130	0.3342

5G NR n38		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
10	2575.0 ~ 2615.0	0.4989	0.4009
15	2577.5 ~ 2612.5	0.5297	0.4188
20	2580.0 ~ 2610.0	0.5260	0.4207
30	2585.0 ~ 2605.0	0.5297	0.4276
40	2590.0 ~ 2600.0	0.5433	0.4335

5G NR n38 UL MIMO		QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
10	2575.0 ~ 2615.0	0.5023	0.4027
15	2577.5 ~ 2612.5	0.5212	0.4188
20	2580.0 ~ 2610.0	0.5236	0.4198
30	2585.0 ~ 2605.0	0.5333	0.4305
40	2590.0 ~ 2600.0	0.5358	0.4276

5G NR n41		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	0.6808	0.5420
30	2511.00 ~ 2674.98	0.6902	0.5495
40	2516.01 ~ 2670.00	0.6823	0.5559
50	2521.02 ~ 2664.99	0.6855	0.5445
60	2526.00 ~ 2659.98	0.6683	0.5433
70	2531.01 ~ 2655.00	0.6592	0.5272
80	2536.02 ~ 2649.99	0.6397	0.5188
90	2541.00 ~ 2644.98	0.6561	0.5272
100	2546.01 ~ 2640.00	0.6918	0.5284

5G NR n41 UL MIMO		QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	0.6368	0.5082
30	2511.00 ~ 2674.98	0.6622	0.5358
40	2516.01 ~ 2670.00	0.6577	0.5236
50	2521.02 ~ 2664.99	0.6339	0.5093
60	2526.00 ~ 2659.98	0.6252	0.5058
70	2531.01 ~ 2655.00	0.6109	0.4920
80	2536.02 ~ 2649.99	0.5970	0.4775
90	2541.00 ~ 2644.98	0.5998	0.4875
100	2546.01 ~ 2640.00	0.6683	0.5358

Note: All modulations have been tested, only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH03-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH03-SZ	AUDIX	E3	6.2009-8-24al

1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 22, 24, 27
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

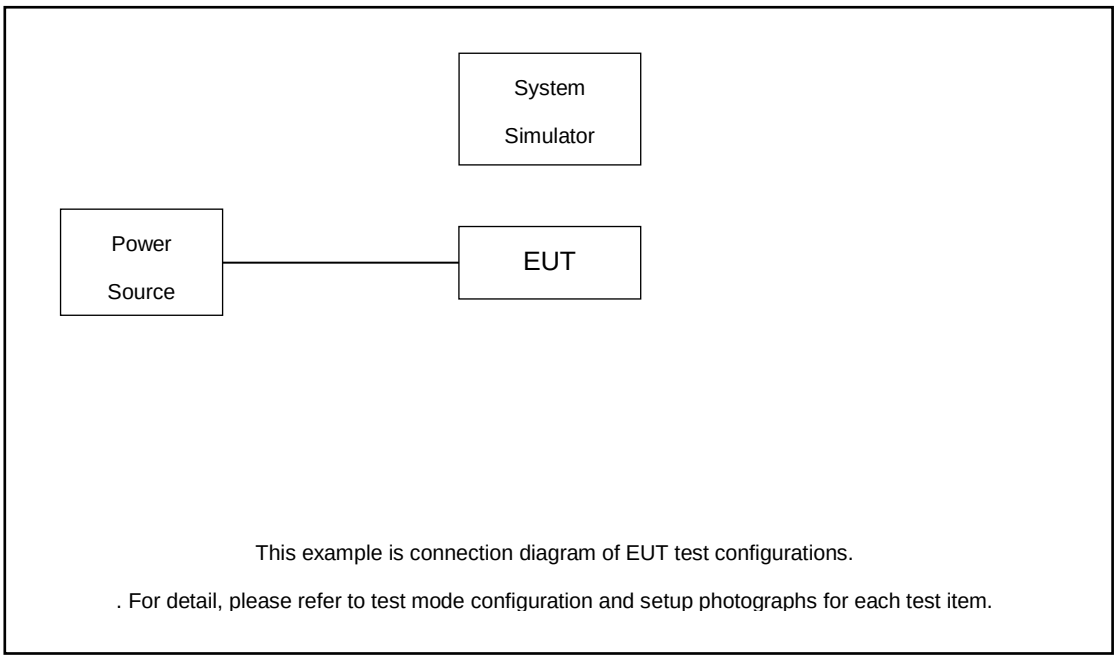
The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

	X Plane	Y Plane	Z Plane
Orthogonal Planes of EUT			

Test Items	5G NR	Bandwidth (MHz)													Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Full	L	M	H
Max. Output Power	n2	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n7	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n12	v	v	v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n13	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n25	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n26	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n38	-	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n41	-	-	-	v	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	-	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n70	v	v	v	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n71	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v

Test Items	5G NR	Bandwidth (MHz)													Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	50	60	70	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Full	L	M	H
E.R.P / E.I.R.P	n2	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n5	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n7	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n12	v	v	v	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n13	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n25	v	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n26	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n38	-	v	v	v	v	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n41	-	-	-	v	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	-	v	v	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n70	v	v	v	v	v	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n71	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	n7	Worst Case																					v	
	n12	Worst Case																					v	
	n13	Worst Case																					v	
	n25	Worst Case																					v	
	n26	Worst Case																					v	
	n41	Worst Case																					v	
	n66	Worst Case																					v	
	n70	Worst Case																					v	
	n71	Worst Case																					v	
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																							

2.2 Connection Diagram of Test System



The EUT has been configuration operated in a manner tended to maximize its emission characteristics in a typical application.

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m

2.4 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900
15	Channel	371500	376000	380500
	Frequency	1857.5	1880	1902.5
10	Channel	371000	376000	381000
	Frequency	1855	1880	1905
5	Channel	370500	376000	381500
	Frequency	1852.5	1880	1907.5

5G NR n5 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5

5G NR n7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	504000	507000	510000
	Frequency	2520	2535	2550
30	Channel	503000	507000	511000
	Frequency	2515	2535	2555
25	Channel	502500	507000	511500
	Frequency	2512.5	2535	2557.5
20	Channel	502000	507000	512000
	Frequency	2510	2535	2560
15	Channel	501500	507000	512500
	Frequency	2507.5	2535	2562.5
10	Channel	501000	507000	513000
	Frequency	2505	2535	2565
5	Channel	500500	507000	513500
	Frequency	2502.5	2535	2567.5

5G NR n12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	141300	141500	141700
	Frequency	706.5	707.5	708.5
10	Channel	140800	141500	142200
	Frequency	704	707.5	711
5	Channel	140300	141500	142700
	Frequency	701.5	707.5	713.5

5G NR n13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	156400		
	Frequency	782		
5	Channel	155900	156400	156900
	Frequency	779.5	782	784.5

5G NR n25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	390000	392500	395000
	Frequency	1870	1882.5	1895
30	Channel	389000	392500	396000
	Frequency	1865	1882.5	1900
25	Channel	388500	392500	396500
	Frequency	1862.5	1882.5	1902.5
20	Channel	372000	376500	381000
	Frequency	1860	1882.5	1905
15	Channel	371500	376500	381500
	Frequency	1857.5	1882.5	1907.5
10	Channel	371000	376500	382000
	Frequency	1855	1882.5	1910
5	Channel	370500	376500	382500
	Frequency	1852.5	1882.5	1912.5

5G NR n26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	166800	167300	167800
	Frequency	834	836.5	839
15	Channel	166300	167300	168300
	Frequency	831.5	836.5	841.5
10	Channel	165800	167300	168800
	Frequency	829	836.5	844
5	Channel	165300	167300	169300
	Frequency	826.5	836.5	846.5

5G NR n38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	518000	519000	520000
	Frequency	2590	2595	2600
30	Channel	517000	519000	521000
	Frequency	2585	2595	2605
20	Channel	516000	519000	522000
	Frequency	2580	2595	2610
15	Channel	515500	519000	522500
	Frequency	2577.5	2595	2612.5
10	Channel	515000	519000	523000
	Frequency	2575	2595	2615

5G NR n41 Channel and Frequency List for SCS 30k				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
80	Channel	507204	518598	529998
	Frequency	2536.02	2592.99	2649.99
70	Channel	506202	518598	531000
	Frequency	2531.01	2592.99	2655
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
50	Channel	504204	518598	532998
	Frequency	2521.02	2592.99	2664.99
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99

5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	346000	349000	352000
	Frequency	1730	1745	1760
30	Channel	345000	349000	353000
	Frequency	1725	1745	1765
20	Channel	344000	349000	354000
	Frequency	1720	1745	1770
15	Channel	343500	349000	354500
	Frequency	1717.5	1745	1772.5
10	Channel	343000	349000	355000
	Frequency	1715	1745	1775
5	Channel	342500	349000	355500
	Frequency	1712.5	1745	1777.5

5G NR n70 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	340500		
	Frequency	1702.5		
10	Channel	340000	340500	341000
	Frequency	1700	1702.5	1705
5	Channel	399500	340500	341500
	Frequency	1697.5	1702.5	1707.5

5G NR n71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	134600	136100	137600
	Frequency	673	680.5	688
15	Channel	134100	136100	138100
	Frequency	670.5	680.5	690.5
10	Channel	133600	136100	138600
	Frequency	668	680.5	693
5	Channel	133100	136100	139100
	Frequency	665.5	680.5	695.5

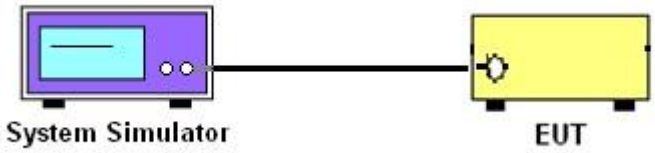
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 Conducted Output Power



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5, n26.

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n12, n13, n71.

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2, n7, n25, n38, n41.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n70.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T – L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

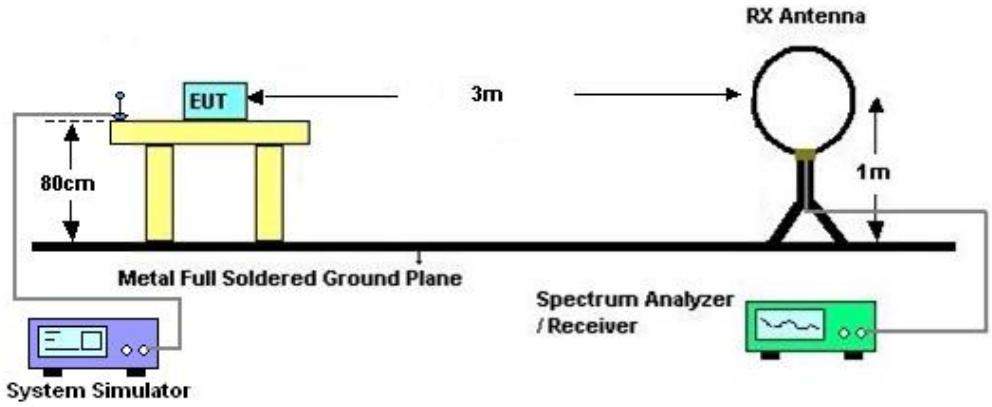
4 Radiated Test Items

4.1 Measuring Instruments

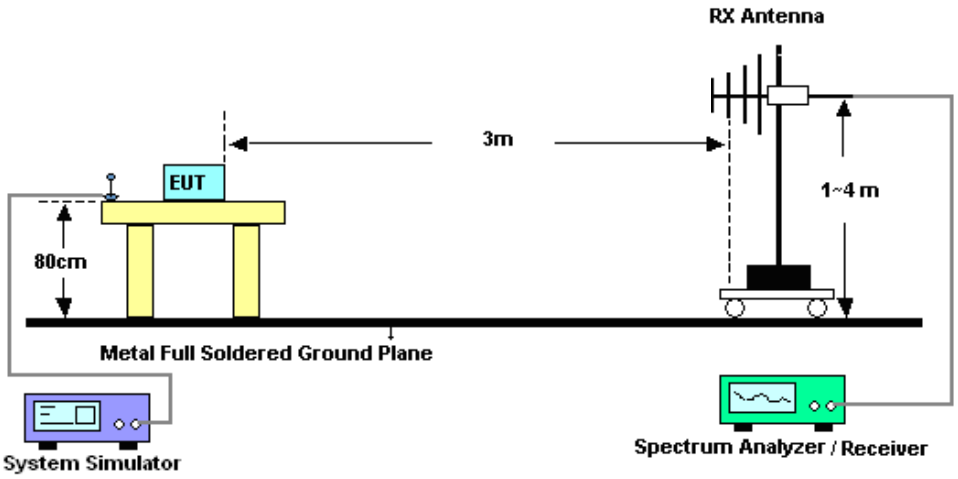
See list of measuring instruments of this test report.

4.2 Test Setup

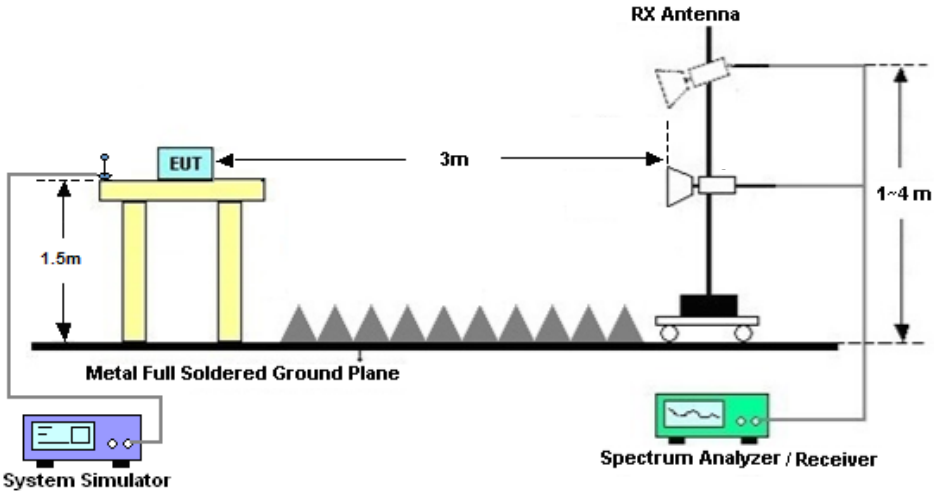
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For 5G NR n7/n38/n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [43 + 10log(P)] (dB)
    = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
    = -13dBm.
13. For 5G NR n7/n38/n41:
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Sep. 11, 2024	Apr. 08, 2025	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.007 7	0.4GHz~26.5GHz	Dec. 25, 2023	Sep. 11, 2024	Dec. 24, 2024	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 09, 2024	Jul. 31, 2024	Apr. 08, 2025	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 29, 2023	Jul. 31, 2024	Dec. 28, 2024	Radiation (03CH03-SZ)
EXA Spectrum Anaiyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 09, 2024	Jul. 31, 2024	Apr. 08, 2025	Radiation (03CH03-SZ
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Aug. 20, 2023	Jul. 31, 2024	Aug. 19, 2025	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 09, 2024	Jul. 31, 2024	Apr. 08, 2025	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 18, 2023	Jul. 31, 2024	Oct. 17, 2024	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2024	Jul. 31, 2024	Jul. 02, 2025	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Jul. 31, 2024	Apr. 08, 2025	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5GHz	Dec. 27, 2023	Jul. 31, 2024	Dec. 26, 2024	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	N/A	Oct. 18, 2023	Jul. 31, 2024	Oct. 17, 2024	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 31, 2024	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 31, 2024	NCR	Radiation (03CH03-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	**±1.34 dB**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	±3.0 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	±3.6 dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	±3.8 dB

---------- THE END ----------

Appendix A. Test Results of Conducted Test

Test Engineer :	Khan Zhen	Temperature :	22~23℃
		Relative Humidity :	40~42%

EN-DC_4A_n2A

Transmitter Conducted Output Power And EIRP, (GT - LC)=3.96db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	23.44	27.4	0.5495
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.35	26.31	0.4276
2	15	5	376000	1880	DFT-s-OFDM QPSK	1@1	23.56	27.52	0.5649
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.89	26.85	0.4842
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@1	23.53	27.49	0.5610
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.35	26.31	0.4276
2	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	23.18	27.14	0.5176
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.1	26.06	0.4036
2	15	10	376000	1880	DFT-s-OFDM QPSK	1@1	23.52	27.48	0.5598
2	15	10	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.6	26.56	0.4529
2	15	10	381000	1905	DFT-s-OFDM QPSK	1@1	23.45	27.41	0.5508
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.46	26.42	0.4385
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	23.22	27.18	0.5224
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.24	26.2	0.4169
2	15	15	376000	1880	DFT-s-OFDM QPSK	1@1	23.43	27.39	0.5483
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.32	26.28	0.4246
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	1@1	23.49	27.45	0.5559
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.4	26.36	0.4325
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	50@25	23.26	27.22	0.5272
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	23.18	27.14	0.5176
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@104	23.34	27.3	0.5370
2	15	20	372000	1860	DFT-s-OFDM QPSK	50@25	23.35	27.31	0.5383
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	23.31	27.27	0.5333
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@104	23.43	27.39	0.5483
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	50@25	22.54	26.5	0.4467
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.25	26.21	0.4178
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@104	22.24	26.2	0.4169
2	15	20	372000	1860	DFT-s-OFDM 64 QAM	50@25	21.16	25.12	0.3251
2	15	20	372000	1860	DFT-s-OFDM 64 QAM	1@1	21.04	25	0.3162
2	15	20	372000	1860	DFT-s-OFDM 64 QAM	1@104	21.24	25.2	0.3311
2	15	20	372000	1860	DFT-s-OFDM 256 QAM	50@25	19.05	23.01	0.2000
2	15	20	372000	1860	DFT-s-OFDM 256 QAM	1@1	18.54	22.5	0.1778
2	15	20	372000	1860	DFT-s-OFDM 256 QAM	1@104	18.51	22.47	0.1766
2	15	20	372000	1860	CP-OFDM QPSK	53@26	21.93	25.89	0.3882
2	15	20	372000	1860	CP-OFDM QPSK	1@1	22.01	25.97	0.3954
2	15	20	372000	1860	CP-OFDM QPSK	1@104	22.06	26.02	0.3999

2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	50@25	23.51	27.47	0.5585
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.21	27.17	0.5212
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@104	23.41	27.37	0.5458
2	15	20	376000	1880	DFT-s-OFDM QPSK	50@25	23.57	27.53	0.5662
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@1	23.39	27.35	0.5433
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@104	23.52	27.48	0.5598
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	50@25	22.74	26.7	0.4677
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@1	22.3	26.26	0.4227
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@104	22.39	26.35	0.4315
2	15	20	376000	1880	DFT-s-OFDM 64 QAM	50@25	21.33	25.29	0.3381
2	15	20	376000	1880	DFT-s-OFDM 64 QAM	1@1	21.36	25.32	0.3404
2	15	20	376000	1880	DFT-s-OFDM 64 QAM	1@104	21.35	25.31	0.3396
2	15	20	376000	1880	DFT-s-OFDM 256 QAM	50@25	19.2	23.16	0.2070
2	15	20	376000	1880	DFT-s-OFDM 256 QAM	1@1	18.59	22.55	0.1799
2	15	20	376000	1880	DFT-s-OFDM 256 QAM	1@104	18.71	22.67	0.1849
2	15	20	376000	1880	CP-OFDM QPSK	53@26	22.19	26.15	0.4121
2	15	20	376000	1880	CP-OFDM QPSK	1@1	22.35	26.31	0.4276
2	15	20	376000	1880	CP-OFDM QPSK	1@104	22.21	26.17	0.4140
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	50@25	23.53	27.49	0.5610
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@1	23.33	27.29	0.5358
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@104	23.43	27.39	0.5483
2	15	20	380000	1900	DFT-s-OFDM QPSK	50@25	23.6	27.56	0.5702
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@1	23.63	27.59	0.5741
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@104	23.56	27.52	0.5649
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	50@25	22.87	26.83	0.4819
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@1	22.47	26.43	0.4395
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@104	22.44	26.4	0.4365
2	15	20	380000	1900	DFT-s-OFDM 64 QAM	50@25	21.42	25.38	0.3451
2	15	20	380000	1900	DFT-s-OFDM 64 QAM	1@1	21.47	25.43	0.3491
2	15	20	380000	1900	DFT-s-OFDM 64 QAM	1@104	21.32	25.28	0.3373
2	15	20	380000	1900	DFT-s-OFDM 256 QAM	50@25	19.26	23.22	0.2099
2	15	20	380000	1900	DFT-s-OFDM 256 QAM	1@1	18.55	22.51	0.1782
2	15	20	380000	1900	DFT-s-OFDM 256 QAM	1@104	18.72	22.68	0.1854
2	15	20	380000	1900	CP-OFDM QPSK	53@26	22.25	26.21	0.4178
2	15	20	380000	1900	CP-OFDM QPSK	1@1	22.52	26.48	0.4446
2	15	20	380000	1900	CP-OFDM QPSK	1@104	22.36	26.32	0.4285

5GNR N5

Transmitter Conducted Output Power And ERP, (GT - LC)=1.32db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.75	22.92	0.1959
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.84	22.01	0.1589
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.49	22.66	0.1845
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.66	21.83	0.1524
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.4	22.57	0.1807
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.57	21.74	0.1493
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.64	22.81	0.1910
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.69	21.86	0.1535
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.57	22.74	0.1879
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.64	21.81	0.1517
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.34	22.51	0.1782
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.48	21.65	0.1462
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.75	22.92	0.1959
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.78	21.95	0.1567
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.75	22.92	0.1959
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.8	21.97	0.1574
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.53	22.7	0.1862
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.63	21.8	0.1514
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.6	22.77	0.1892
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.6	22.77	0.1892
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.26	22.43	0.1750
5	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.66	22.83	0.1919
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.76	22.93	0.1963
5	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.33	22.5	0.1778
5	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.6	21.77	0.1503
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.8	21.97	0.1574
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.5	21.67	0.1469
5	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	21.22	20.39	0.1094
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	21.36	20.53	0.1130
5	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	21.04	20.21	0.1050
5	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	18.81	17.98	0.0628
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	18.96	18.13	0.0650
5	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	18.74	17.91	0.0618
5	15	20	166800	834	CP-OFDM QPSK	53@26	22.15	21.32	0.1355
5	15	20	166800	834	CP-OFDM QPSK	1@1	22.21	21.38	0.1374
5	15	20	166800	834	CP-OFDM QPSK	1@104	21.48	20.65	0.1161
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.62	22.79	0.1901
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.53	22.7	0.1862
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.11	22.28	0.1690
5	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.67	22.84	0.1923
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.58	22.75	0.1884

5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.29	22.46	0.1762
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.59	21.76	0.1500
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.76	21.93	0.1560
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.34	21.51	0.1416
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	21.18	20.35	0.1084
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.31	20.48	0.1117
5	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	20.98	20.15	0.1035
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	18.73	17.9	0.0617
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	18.91	18.08	0.0643
5	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	18.62	17.79	0.0601
5	15	20	167300	836.5	CP-OFDM QPSK	53@26	22.16	21.33	0.1358
5	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.17	21.34	0.1361
5	15	20	167300	836.5	CP-OFDM QPSK	1@104	21.39	20.56	0.1138
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.53	22.7	0.1862
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.52	22.69	0.1858
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.15	22.32	0.1706
5	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.56	22.73	0.1875
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.65	22.82	0.1914
5	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.2	22.37	0.1726
5	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.56	21.73	0.1489
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.75	21.92	0.1556
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.35	21.52	0.1419
5	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	21.09	20.26	0.1062
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	21.37	20.54	0.1132
5	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	21.02	20.19	0.1045
5	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	19.07	18.24	0.0667
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	18.97	18.14	0.0652
5	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	18.64	17.81	0.0604
5	15	20	167800	839	CP-OFDM QPSK	53@26	22.05	21.22	0.1324
5	15	20	167800	839	CP-OFDM QPSK	1@1	22.19	21.36	0.1368
5	15	20	167800	839	CP-OFDM QPSK	1@104	21.82	20.99	0.1256

5GNR N7

Transmitter Conducted Output Power And EIRP, (GT - LC)=2.32db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	23.59	25.91	0.3899
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	22.8	25.12	0.3251
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	23.42	25.74	0.3750
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.42	24.74	0.2979
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	23.52	25.84	0.3837
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	22.51	24.83	0.3041
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	23.61	25.93	0.3917
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	22.67	24.99	0.3155
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	23.37	25.69	0.3707
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.43	24.75	0.2985
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	23.51	25.83	0.3828
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	22.49	24.81	0.3027
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	23.81	26.13	0.4102
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	22.92	25.24	0.3342
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	23.66	25.98	0.3963
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.7	25.02	0.3177
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	23.79	26.11	0.4083
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	22.74	25.06	0.3206
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	23.7	26.02	0.3999
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	22.92	25.24	0.3342
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	23.7	26.02	0.3999
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.76	25.08	0.3221
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	23.64	25.96	0.3945
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	22.7	25.02	0.3177
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@1	23.81	26.13	0.4102
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@1	23.16	25.48	0.3532
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@1	23.78	26.1	0.4074
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.98	25.3	0.3388
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@1	23.82	26.14	0.4111
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@1	22.84	25.16	0.3281
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@1	23.82	26.14	0.4111
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@1	22.87	25.19	0.3304
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@1	23.61	25.93	0.3917
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.8	25.12	0.3251
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@1	23.57	25.89	0.3882
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@1	22.62	24.94	0.3119
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	108@54	23.66	25.98	0.3963
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	1@1	23.63	25.95	0.3936
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	1@214	23.44	25.76	0.3767
7	15	40	504000	2520	DFT-s-OFDM QPSK	108@54	23.65	25.97	0.3954
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@1	23.84	26.16	0.4130

7	15	40	504000	2520	DFT-s-OFDM QPSK	1@214	23.5	25.82	0.3819
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	108@54	22.76	25.08	0.3221
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@1	22.92	25.24	0.3342
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@214	22.71	25.03	0.3184
7	15	40	504000	2520	DFT-s-OFDM 64 QAM	108@54	21.28	23.6	0.2291
7	15	40	504000	2520	DFT-s-OFDM 64 QAM	1@1	21.53	23.85	0.2427
7	15	40	504000	2520	DFT-s-OFDM 64 QAM	1@214	21.3	23.62	0.2301
7	15	40	504000	2520	DFT-s-OFDM 256 QAM	108@54	19.24	21.56	0.1432
7	15	40	504000	2520	DFT-s-OFDM 256 QAM	1@1	19.01	21.33	0.1358
7	15	40	504000	2520	DFT-s-OFDM 256 QAM	1@214	18.87	21.19	0.1315
7	15	40	504000	2520	CP-OFDM QPSK	108@54	22.21	24.53	0.2838
7	15	40	504000	2520	CP-OFDM QPSK	1@1	22.23	24.55	0.2851
7	15	40	504000	2520	CP-OFDM QPSK	1@214	22.06	24.38	0.2742
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	108@54	23.51	25.83	0.3828
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.6	25.92	0.3908
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	1@214	23.32	25.64	0.3664
7	15	40	507000	2535	DFT-s-OFDM QPSK	108@54	23.5	25.82	0.3819
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@1	23.62	25.94	0.3926
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@214	23.46	25.78	0.3784
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	108@54	22.57	24.89	0.3083
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.87	25.19	0.3304
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@214	22.65	24.97	0.3141
7	15	40	507000	2535	DFT-s-OFDM 64 QAM	108@54	21.08	23.4	0.2188
7	15	40	507000	2535	DFT-s-OFDM 64 QAM	1@1	21.25	23.57	0.2275
7	15	40	507000	2535	DFT-s-OFDM 64 QAM	1@214	21.21	23.53	0.2254
7	15	40	507000	2535	DFT-s-OFDM 256 QAM	108@54	19.02	21.34	0.1361
7	15	40	507000	2535	DFT-s-OFDM 256 QAM	1@1	19.01	21.33	0.1358
7	15	40	507000	2535	DFT-s-OFDM 256 QAM	1@214	18.91	21.23	0.1327
7	15	40	507000	2535	CP-OFDM QPSK	108@54	21.94	24.26	0.2667
7	15	40	507000	2535	CP-OFDM QPSK	1@1	22.18	24.5	0.2818
7	15	40	507000	2535	CP-OFDM QPSK	1@214	21.58	23.9	0.2455
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	108@54	23.59	25.91	0.3899
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	1@1	23.49	25.81	0.3811
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	1@214	23.53	25.85	0.3846
7	15	40	510000	2550	DFT-s-OFDM QPSK	108@54	23.51	25.83	0.3828
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@1	23.58	25.9	0.3890
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@214	23.6	25.92	0.3908
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	108@54	22.64	24.96	0.3133
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@1	22.78	25.1	0.3236
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@214	22.71	25.03	0.3184
7	15	40	510000	2550	DFT-s-OFDM 64 QAM	108@54	21.12	23.44	0.2208
7	15	40	510000	2550	DFT-s-OFDM 64 QAM	1@1	21.3	23.62	0.2301
7	15	40	510000	2550	DFT-s-OFDM 64 QAM	1@214	21.18	23.5	0.2239
7	15	40	510000	2550	DFT-s-OFDM 256 QAM	108@54	19.1	21.42	0.1387
7	15	40	510000	2550	DFT-s-OFDM 256 QAM	1@1	18.92	21.24	0.1330

7	15	40	510000	2550	DFT-s-OFDM 256 QAM	1@214	18.96	21.28	0.1343
7	15	40	510000	2550	CP-OFDM QPSK	108@54	22.1	24.42	0.2767
7	15	40	510000	2550	CP-OFDM QPSK	1@1	22.16	24.48	0.2805
7	15	40	510000	2550	CP-OFDM QPSK	1@214	22.11	24.43	0.2773

5GNR N12

Transmitter Conducted Output Power And ERP, (GT - LC)=1.78db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@1	23.66	23.29	0.2133
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	22.83	22.46	0.1762
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	23.61	23.24	0.2109
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	22.71	22.34	0.1714
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	23.76	23.39	0.2183
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	22.58	22.21	0.1663
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	23.76	23.39	0.2183
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	22.78	22.41	0.1742
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	23.83	23.46	0.2218
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	22.83	22.46	0.1762
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	23.66	23.29	0.2133
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	22.77	22.4	0.1738
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	23.9	23.53	0.2254
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	23.73	23.36	0.2168
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	23.56	23.19	0.2084
12	15	15	141300	706.5	DFT-s-OFDM QPSK	36@18	23.8	23.43	0.2203
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	23.91	23.54	0.2259
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@77	23.67	23.3	0.2138
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	36@18	22.86	22.49	0.1774
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	22.99	22.62	0.1828
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@77	22.78	22.41	0.1742
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	36@18	21.33	20.96	0.1247
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@1	21.66	21.29	0.1346
12	15	15	141300	706.5	DFT-s-OFDM 64 QAM	1@77	21.35	20.98	0.1253
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	36@18	19.28	18.91	0.0778
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@1	19.2	18.83	0.0764
12	15	15	141300	706.5	DFT-s-OFDM 256 QAM	1@77	18.98	18.61	0.0726
12	15	15	141300	706.5	CP-OFDM QPSK	39@19	22.34	21.97	0.1574
12	15	15	141300	706.5	CP-OFDM QPSK	1@1	22.49	22.12	0.1629
12	15	15	141300	706.5	CP-OFDM QPSK	1@77	22.22	21.85	0.1531
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	23.88	23.51	0.2244
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.75	23.38	0.2178
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	23.54	23.17	0.2075
12	15	15	141500	707.5	DFT-s-OFDM QPSK	36@18	23.81	23.44	0.2208
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	23.74	23.37	0.2173
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@77	23.44	23.07	0.2028
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	36@18	22.85	22.48	0.1770
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	22.94	22.57	0.1807
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@77	22.68	22.31	0.1702
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	36@18	21.38	21.01	0.1262
12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@1	21.54	21.17	0.1309

12	15	15	141500	707.5	DFT-s-OFDM 64 QAM	1@77	21.3	20.93	0.1239
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	36@18	19.07	18.7	0.0741
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@1	19.18	18.81	0.0760
12	15	15	141500	707.5	DFT-s-OFDM 256 QAM	1@77	18.89	18.52	0.0711
12	15	15	141500	707.5	CP-OFDM QPSK	39@19	22.34	21.97	0.1574
12	15	15	141500	707.5	CP-OFDM QPSK	1@1	22.4	22.03	0.1596
12	15	15	141500	707.5	CP-OFDM QPSK	1@77	21.76	21.39	0.1377
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	23.81	23.44	0.2208
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	23.73	23.36	0.2168
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	23.52	23.15	0.2065
12	15	15	141700	708.5	DFT-s-OFDM QPSK	36@18	23.79	23.42	0.2198
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	23.84	23.47	0.2223
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@77	23.57	23.2	0.2089
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	36@18	22.79	22.42	0.1746
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	22.95	22.58	0.1811
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@77	22.63	22.26	0.1683
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	36@18	21.32	20.95	0.1245
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@1	21.51	21.14	0.1300
12	15	15	141700	708.5	DFT-s-OFDM 64 QAM	1@77	21.21	20.84	0.1213
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	36@18	19.02	18.65	0.0733
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@1	19.12	18.75	0.0750
12	15	15	141700	708.5	DFT-s-OFDM 256 QAM	1@77	18.91	18.54	0.0714
12	15	15	141700	708.5	CP-OFDM QPSK	39@19	22.32	21.95	0.1567
12	15	15	141700	708.5	CP-OFDM QPSK	1@1	22.38	22.01	0.1589
12	15	15	141700	708.5	CP-OFDM QPSK	1@77	21.83	21.46	0.1400

5GNR N13

Transmitter Conducted Output Power And ERP, (GT - LC)=1.95db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@1	23.42	23.22	0.2099
13	15	5	149700	779.5	DFT-s-OFDM 16 QAM	1@1	22.27	22.07	0.1611
13	15	5	150200	782	DFT-s-OFDM QPSK	1@1	23.33	23.13	0.2056
13	15	5	150200	782	DFT-s-OFDM 16 QAM	1@1	22.41	22.21	0.1663
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@1	23.48	23.28	0.2128
13	15	5	150700	784.5	DFT-s-OFDM 16 QAM	1@1	22.33	22.13	0.1633
V	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	25@12	23.3	23.1	0.2042
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@1	23.07	22.87	0.1936
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@50	23.2	23	0.1995
13	15	10	150200	782	DFT-s-OFDM QPSK	25@12	23.32	23.12	0.2051
13	15	10	150200	782	DFT-s-OFDM QPSK	1@1	23.52	23.32	0.2148
13	15	10	150200	782	DFT-s-OFDM QPSK	1@50	23.29	23.09	0.2037
13	15	10	150200	782	DFT-s-OFDM 16 QAM	25@12	22.34	22.14	0.1637
13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@1	22.25	22.05	0.1603
13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@50	22.56	22.36	0.1722
13	15	10	150200	782	DFT-s-OFDM 64 QAM	25@12	20.99	20.79	0.1199
13	15	10	150200	782	DFT-s-OFDM 64 QAM	1@1	20.93	20.73	0.1183
13	15	10	150200	782	DFT-s-OFDM 64 QAM	1@50	21.09	20.89	0.1227
13	15	10	150200	782	DFT-s-OFDM 256 QAM	25@12	18.79	18.59	0.0723
13	15	10	150200	782	DFT-s-OFDM 256 QAM	1@1	18.32	18.12	0.0649
13	15	10	150200	782	DFT-s-OFDM 256 QAM	1@50	18.69	18.49	0.0706
13	15	10	150200	782	CP-OFDM QPSK	26@13	21.78	21.58	0.1439
13	15	10	150200	782	CP-OFDM QPSK	1@1	21.75	21.55	0.1429
13	15	10	150200	782	CP-OFDM QPSK	1@50	21.92	21.72	0.1486

5GNR N25

Transmitter Conducted Output Power And EIRP, (GT - LC)=3.55db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	23.44	26.99	0.5000
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.49	26.04	0.4018
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.47	27.02	0.5035
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.41	25.96	0.3945
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	23.17	26.72	0.4699
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	22.25	25.8	0.3802
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	23.24	26.79	0.4775
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	22.2	25.75	0.3758
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.21	26.76	0.4742
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.35	25.9	0.3890
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	23.22	26.77	0.4753
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	22.25	25.8	0.3802
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	23.32	26.87	0.4864
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.41	25.96	0.3945
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.45	27	0.5012
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.57	26.12	0.4093
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	23.43	26.98	0.4989
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.44	25.99	0.3972
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	23.16	26.71	0.4688
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	22.31	25.86	0.3855
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.39	26.94	0.4943
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.55	26.1	0.4074
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	23.42	26.97	0.4977
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	22.52	26.07	0.4046
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	23.39	26.94	0.4943
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	22.48	26.03	0.4009
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.32	26.87	0.4864
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.34	25.89	0.3882
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	23.33	26.88	0.4875
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.39	25.94	0.3926
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	23.41	26.96	0.4966
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	22.42	25.97	0.3954
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.44	26.99	0.5000
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.41	25.96	0.3945
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	23.45	27	0.5012
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	22.53	26.08	0.4055
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	108@54	23.46	27.01	0.5023
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	23.18	26.73	0.4710
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@214	23.32	26.87	0.4864
25	15	40	374000	1870	DFT-s-OFDM QPSK	108@54	23.49	27.04	0.5058
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	23.38	26.93	0.4932

25	15	40	374000	1870	DFT-s-OFDM QPSK	1@214	23.45	27	0.5012
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	108@54	22.47	26.02	0.3999
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	22.29	25.84	0.3837
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@214	22.58	26.13	0.4102
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	108@54	21.01	24.56	0.2858
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@1	20.96	24.51	0.2825
25	15	40	374000	1870	DFT-s-OFDM 64 QAM	1@214	21.22	24.77	0.2999
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	108@54	18.95	22.5	0.1778
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@1	18.55	22.1	0.1622
25	15	40	374000	1870	DFT-s-OFDM 256 QAM	1@214	18.92	22.47	0.1766
25	15	40	374000	1870	CP-OFDM QPSK	108@54	21.94	25.49	0.3540
25	15	40	374000	1870	CP-OFDM QPSK	1@1	21.76	25.31	0.3396
25	15	40	374000	1870	CP-OFDM QPSK	1@214	22.01	25.56	0.3597
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	108@54	23.43	26.98	0.4989
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	23.18	26.73	0.4710
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@214	23.16	26.71	0.4688
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	108@54	23.42	26.97	0.4977
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	23.26	26.81	0.4797
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@214	23.25	26.8	0.4786
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	108@54	22.48	26.03	0.4009
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	22.29	25.84	0.3837
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@214	22.44	25.99	0.3972
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	108@54	20.97	24.52	0.2831
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@1	21.02	24.57	0.2864
25	15	40	376500	1882.5	DFT-s-OFDM 64 QAM	1@214	21.11	24.66	0.2924
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	108@54	18.63	22.18	0.1652
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@1	18.62	22.17	0.1648
25	15	40	376500	1882.5	DFT-s-OFDM 256 QAM	1@214	18.76	22.31	0.1702
25	15	40	376500	1882.5	CP-OFDM QPSK	108@54	21.94	25.49	0.3540
25	15	40	376500	1882.5	CP-OFDM QPSK	1@1	21.81	25.36	0.3436
25	15	40	376500	1882.5	CP-OFDM QPSK	1@214	21.55	25.1	0.3236
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	108@54	23.4	26.95	0.4955
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	23.42	26.97	0.4977
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@214	22.83	26.38	0.4345
25	15	40	379000	1895	DFT-s-OFDM QPSK	108@54	23.38	26.93	0.4932
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	23.3	26.85	0.4842
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@214	22.2	25.75	0.3758
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	108@54	22.57	26.12	0.4093
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	22.72	26.27	0.4236
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@214	21.23	24.78	0.3006
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	108@54	21.1	24.65	0.2917
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@1	21.15	24.7	0.2951
25	15	40	379000	1895	DFT-s-OFDM 64 QAM	1@214	20.25	23.8	0.2399
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	108@54	18.83	22.38	0.1730
25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@1	18.96	22.51	0.1782

25	15	40	379000	1895	DFT-s-OFDM 256 QAM	1@214	18.83	22.38	0.1730
25	15	40	379000	1895	CP-OFDM QPSK	108@54	21.97	25.52	0.3565
25	15	40	379000	1895	CP-OFDM QPSK	1@1	22.09	25.64	0.3664
25	15	40	379000	1895	CP-OFDM QPSK	1@214	20.92	24.47	0.2799

5GNR N26

Transmitter Conducted Output Power And ERP, (GT - LC)=1.47 db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	23.72	23.04	0.2014
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	22.74	22.06	0.1607
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	23.76	23.08	0.2032
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.58	21.9	0.1549
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	23.44	22.76	0.1888
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	22.5	21.82	0.1521
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.65	22.97	0.1982
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.69	22.01	0.1589
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	23.47	22.79	0.1901
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.63	21.95	0.1567
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	23.54	22.86	0.1932
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	22.51	21.83	0.1524
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.74	23.06	0.2023
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.84	22.16	0.1644
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	23.79	23.11	0.2046
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.84	22.16	0.1644
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.72	23.04	0.2014
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	22.67	21.99	0.1581
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.55	22.87	0.1936
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.59	22.91	0.1954
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.33	22.65	0.1841
26	15	20	166800	834	DFT-s-OFDM QPSK	50@25	23.5	22.82	0.1914
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.82	23.14	0.2061
26	15	20	166800	834	DFT-s-OFDM QPSK	1@104	23.38	22.7	0.1862
26	15	20	166800	834	DFT-s-OFDM 16 QAM	50@25	22.6	21.92	0.1556
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	22.84	22.16	0.1644
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@104	22.53	21.85	0.1531
26	15	20	166800	834	DFT-s-OFDM 64 QAM	50@25	21.12	20.44	0.1107
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@1	21.46	20.78	0.1197
26	15	20	166800	834	DFT-s-OFDM 64 QAM	1@104	21.21	20.53	0.1130
26	15	20	166800	834	DFT-s-OFDM 256 QAM	50@25	18.92	18.24	0.0667
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@1	19.06	18.38	0.0689
26	15	20	166800	834	DFT-s-OFDM 256 QAM	1@104	18.86	18.18	0.0658
26	15	20	166800	834	CP-OFDM QPSK	53@26	22.11	21.43	0.1390
26	15	20	166800	834	CP-OFDM QPSK	1@1	22.22	21.54	0.1426
26	15	20	166800	834	CP-OFDM QPSK	1@104	21.6	20.92	0.1236
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.6	22.92	0.1959
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.69	23.01	0.2000
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.28	22.6	0.1820
26	15	20	167300	836.5	DFT-s-OFDM QPSK	50@25	23.62	22.94	0.1968
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	23.76	23.08	0.2032

26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@104	23.35	22.67	0.1849
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	50@25	22.55	21.87	0.1538
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.89	22.21	0.1663
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@104	22.46	21.78	0.1507
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	50@25	21.09	20.41	0.1099
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@1	21.53	20.85	0.1216
26	15	20	167300	836.5	DFT-s-OFDM 64 QAM	1@104	21.02	20.34	0.1081
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	50@25	18.83	18.15	0.0653
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@1	19.11	18.43	0.0697
26	15	20	167300	836.5	DFT-s-OFDM 256 QAM	1@104	18.72	18.04	0.0637
26	15	20	167300	836.5	CP-OFDM QPSK	53@26	22.16	21.48	0.1406
26	15	20	167300	836.5	CP-OFDM QPSK	1@1	22.32	21.64	0.1459
26	15	20	167300	836.5	CP-OFDM QPSK	1@104	21.47	20.79	0.1199
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.57	22.89	0.1945
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.6	22.92	0.1959
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.17	22.49	0.1774
26	15	20	167800	839	DFT-s-OFDM QPSK	50@25	23.59	22.91	0.1954
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	23.64	22.96	0.1977
26	15	20	167800	839	DFT-s-OFDM QPSK	1@104	23.15	22.47	0.1766
26	15	20	167800	839	DFT-s-OFDM 16 QAM	50@25	22.6	21.92	0.1556
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	22.78	22.1	0.1622
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@104	22.28	21.6	0.1445
26	15	20	167800	839	DFT-s-OFDM 64 QAM	50@25	21.16	20.48	0.1117
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@1	21.39	20.71	0.1178
26	15	20	167800	839	DFT-s-OFDM 64 QAM	1@104	20.88	20.2	0.1047
26	15	20	167800	839	DFT-s-OFDM 256 QAM	50@25	19.1	18.42	0.0695
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@1	18.99	18.31	0.0678
26	15	20	167800	839	DFT-s-OFDM 256 QAM	1@104	18.57	17.89	0.0615
26	15	20	167800	839	CP-OFDM QPSK	53@26	22.12	21.44	0.1393
26	15	20	167800	839	CP-OFDM QPSK	1@1	22.22	21.54	0.1426
26	15	20	167800	839	CP-OFDM QPSK	1@104	21.73	21.05	0.1274

5GNR N38

Transmitter Conducted Output Power And EIRP, (GT - LC)=1.98db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	25	26.98	0.4989
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	24.05	26.03	0.4009
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	25	26.98	0.4989
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.02	26	0.3981
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	25	26.98	0.4989
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	24.02	26	0.3981
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	25.23	27.21	0.5260
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	24.24	26.22	0.4188
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	25.21	27.19	0.5236
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.17	26.15	0.4121
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	25.26	27.24	0.5297
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	24.22	26.2	0.4169
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	25.23	27.21	0.5260
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	24.26	26.24	0.4207
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	25.16	27.14	0.5176
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.17	26.15	0.4121
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	25.2	27.18	0.5224
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	24.22	26.2	0.4169
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	25.17	27.15	0.5188
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	24.24	26.22	0.4188
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	25.26	27.24	0.5297
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.33	26.31	0.4276
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	25.25	27.23	0.5284
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	24.27	26.25	0.4217
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	25.35	27.33	0.5408
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	25.35	27.33	0.5408
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	25.34	27.32	0.5395
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	25.37	27.35	0.5433
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	25.29	27.27	0.5333
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	25.26	27.24	0.5297
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	24.3	26.28	0.4246
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	24.39	26.37	0.4335
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	24.38	26.36	0.4325
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	22.83	24.81	0.3027
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.97	24.95	0.3126
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	22.89	24.87	0.3069
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	20.81	22.79	0.1901
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	20.77	22.75	0.1884
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	20.75	22.73	0.1875
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.33	24.31	0.2698
38	30	40	518000	2590	CP-OFDM QPSK	1@1	22.32	24.3	0.2692

38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.34	24.32	0.2704
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	25.29	27.27	0.5333
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	25.31	27.29	0.5358
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	25.14	27.12	0.5152
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	25.13	27.11	0.5140
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	25.24	27.22	0.5272
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	25.14	27.12	0.5152
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	24.14	26.12	0.4093
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.38	26.36	0.4325
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	24.27	26.25	0.4217
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	22.75	24.73	0.2972
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.93	24.91	0.3097
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	22.8	24.78	0.3006
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	20.77	22.75	0.1884
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.77	22.75	0.1884
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	20.56	22.54	0.1795
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.2	24.18	0.2618
38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.21	24.19	0.2624
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.1	24.08	0.2559
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	25.26	27.24	0.5297
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	25.28	27.26	0.5321
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	25.12	27.1	0.5129
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	25.28	27.26	0.5321
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	25.21	27.19	0.5236
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	25.06	27.04	0.5058
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	24.22	26.2	0.4169
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	24.39	26.37	0.4335
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	24.25	26.23	0.4198
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	22.76	24.74	0.2979
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	22.9	24.88	0.3076
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	22.78	24.76	0.2992
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	20.77	22.75	0.1884
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	20.82	22.8	0.1905
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	20.61	22.59	0.1816
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.28	24.26	0.2667
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.37	24.35	0.2723
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.21	24.19	0.2624

5GNR N38 UL MIMO

Transmitter Conducted Output Power And EIRP, (GT - LC)=1.98db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT0 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	CP-OFDM QPSK	1@1	21.18	21.2	24.20	27	0.5012
38	30	10	515000	2575	CP-OFDM 16 QAM	1@1	20.17	20.24	23.22	26.02	0.3999
38	30	10	519000	2595	CP-OFDM QPSK	1@1	21.22	21.12	24.18	26.98	0.4989
38	30	10	519000	2595	CP-OFDM 16 QAM	1@1	20.19	20.29	23.25	26.05	0.4027
38	30	10	523000	2615	CP-OFDM QPSK	1@1	21.24	21.16	24.21	27.01	0.5023
38	30	10	523000	2615	CP-OFDM 16 QAM	1@1	20.22	20.02	23.13	25.93	0.3917
38	30	15	515500	2577.5	CP-OFDM QPSK	1@1	21.41	21.28	24.36	27.16	0.5200
38	30	15	515500	2577.5	CP-OFDM 16 QAM	1@1	20.43	20.38	23.42	26.22	0.4188
38	30	15	519000	2595	CP-OFDM QPSK	1@1	21.37	21.34	24.37	27.17	0.5212
38	30	15	519000	2595	CP-OFDM 16 QAM	1@1	20.31	20.44	23.39	26.19	0.4159
38	30	15	522500	2612.5	CP-OFDM QPSK	1@1	21.38	21.29	24.35	27.15	0.5188
38	30	15	522500	2612.5	CP-OFDM 16 QAM	1@1	20.28	20.3	23.30	26.1	0.4074
38	30	20	516000	2580	CP-OFDM QPSK	1@1	21.41	21.34	24.39	27.19	0.5236
38	30	20	516000	2580	CP-OFDM 16 QAM	1@1	20.41	20.43	23.43	26.23	0.4198
38	30	20	519000	2595	CP-OFDM QPSK	1@1	21.42	21.33	24.39	27.19	0.5236
38	30	20	519000	2595	CP-OFDM 16 QAM	1@1	20.3	20.35	23.34	26.14	0.4111
38	30	20	522000	2610	CP-OFDM QPSK	1@1	21.35	21.36	24.37	27.17	0.5212
38	30	20	522000	2610	CP-OFDM 16 QAM	1@1	20.33	20.35	23.35	26.15	0.4121
38	30	30	517000	2585	CP-OFDM QPSK	1@1	21.47	21.41	24.45	27.25	0.5309
38	30	30	517000	2585	CP-OFDM 16 QAM	1@1	20.45	20.53	23.50	26.3	0.4266
38	30	30	519000	2595	CP-OFDM QPSK	1@1	21.35	21.42	24.40	27.2	0.5248
38	30	30	519000	2595	CP-OFDM 16 QAM	1@1	20.39	20.48	23.45	26.25	0.4217
38	30	30	521000	2605	CP-OFDM QPSK	1@1	21.48	21.44	24.47	27.27	0.5333
38	30	30	521000	2605	CP-OFDM 16 QAM	1@1	20.51	20.55	23.54	26.34	0.4305
38	30	40	518000	2590	CP-OFDM QPSK	53@26	21.52	21.43	24.49	27.29	0.5358
38	30	40	518000	2590	CP-OFDM QPSK	1@1	21.49	21.46	24.49	27.29	0.5358
38	30	40	518000	2590	CP-OFDM QPSK	1@104	21.37	21.37	24.38	27.18	0.5224
38	30	40	518000	2590	CP-OFDM 16 QAM	53@26	20.48	20.52	23.51	26.31	0.4276
38	30	40	518000	2590	CP-OFDM 16 QAM	1@1	20.46	20.3	23.39	26.19	0.4159
38	30	40	518000	2590	CP-OFDM 16 QAM	1@104	20.4	20.35	23.39	26.19	0.4159
38	30	40	518000	2590	CP-OFDM 64 QAM	53@26	18.97	19.02	22.01	24.81	0.3027
38	30	40	518000	2590	CP-OFDM 64 QAM	1@1	19.08	18.99	22.05	24.85	0.3055
38	30	40	518000	2590	CP-OFDM 64 QAM	1@104	18.95	19.01	21.99	24.79	0.3013
38	30	40	518000	2590	CP-OFDM 256 QAM	53@26	16.96	17.04	20.01	22.81	0.1910
38	30	40	518000	2590	CP-OFDM 256 QAM	1@1	17.11	17.01	20.07	22.87	0.1936
38	30	40	518000	2590	CP-OFDM 256 QAM	1@104	17.01	17.05	20.04	22.84	0.1923
38	30	40	519000	2595	CP-OFDM QPSK	53@26	21.47	21.38	24.44	27.24	0.5297
38	30	40	519000	2595	CP-OFDM QPSK	1@1	21.44	21.34	24.40	27.2	0.5248
38	30	40	519000	2595	CP-OFDM QPSK	1@104	21.33	21.23	24.29	27.09	0.5117
38	30	40	519000	2595	CP-OFDM 16 QAM	53@26	20.44	20.4	23.43	26.23	0.4198
38	30	40	519000	2595	CP-OFDM 16 QAM	1@1	20.37	20.28	23.34	26.14	0.4111

38	30	40	519000	2595	CP-OFDM 16 QAM	1@104	20.17	20.13	23.16	25.96	0.3945
38	30	40	519000	2595	CP-OFDM 64 QAM	53@26	18.97	18.95	21.97	24.77	0.2999
38	30	40	519000	2595	CP-OFDM 64 QAM	1@1	18.99	18.96	21.99	24.79	0.3013
38	30	40	519000	2595	CP-OFDM 64 QAM	1@104	18.82	18.92	21.88	24.68	0.2938
38	30	40	519000	2595	CP-OFDM 256 QAM	53@26	16.97	16.96	19.98	22.78	0.1897
38	30	40	519000	2595	CP-OFDM 256 QAM	1@1	17.03	16.99	20.02	22.82	0.1914
38	30	40	519000	2595	CP-OFDM 256 QAM	1@104	16.88	16.98	19.94	22.74	0.1879
38	30	40	520000	2600	CP-OFDM QPSK	53@26	21.45	21.46	24.47	27.27	0.5333
38	30	40	520000	2600	CP-OFDM QPSK	1@1	21.45	21.51	24.49	27.29	0.5358
38	30	40	520000	2600	CP-OFDM QPSK	1@104	21.27	21.42	24.36	27.16	0.5200
38	30	40	520000	2600	CP-OFDM 16 QAM	53@26	20.52	20.48	23.51	26.31	0.4276
38	30	40	520000	2600	CP-OFDM 16 QAM	1@1	20.4	20.38	23.40	26.2	0.4169
38	30	40	520000	2600	CP-OFDM 16 QAM	1@104	20.25	20.34	23.31	26.11	0.4083
38	30	40	520000	2600	CP-OFDM 64 QAM	53@26	19.03	19.01	22.03	24.83	0.3041
38	30	40	520000	2600	CP-OFDM 64 QAM	1@1	18.97	19.11	22.05	24.85	0.3055
38	30	40	520000	2600	CP-OFDM 64 QAM	1@104	18.85	19.04	21.96	24.76	0.2992
38	30	40	520000	2600	CP-OFDM 256 QAM	53@26	16.99	16.97	19.99	22.79	0.1901
38	30	40	520000	2600	CP-OFDM 256 QAM	1@1	17.05	17.14	20.11	22.91	0.1954
38	30	40	520000	2600	CP-OFDM 256 QAM	1@104	16.84	17.07	19.97	22.77	0.1892

5GNR N41

Transmitter Conducted Output Power And EIRP, (GT - LC)=2.35db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.98	28.33	0.6808
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.96	27.31	0.5383
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.98	28.33	0.6808
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.99	27.34	0.5420
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	25.79	28.14	0.6516
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.79	27.14	0.5176
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.04	28.39	0.6902
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.05	27.4	0.5495
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.94	28.29	0.6745
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.02	27.37	0.5458
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.01	28.36	0.6855
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.05	27.4	0.5495
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.98	28.33	0.6808
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.03	27.38	0.5470
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.99	28.34	0.6823
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.1	27.45	0.5559
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.96	28.31	0.6776
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25	27.35	0.5433
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.01	28.36	0.6855
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.01	27.36	0.5445
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.93	28.28	0.6730
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.97	27.32	0.5395
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.81	28.16	0.6546
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.85	27.2	0.5248
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.9	28.25	0.6683
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25	27.35	0.5433
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.89	28.24	0.6668
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.94	27.29	0.5358
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.72	28.07	0.6412
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.78	27.13	0.5164
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.84	28.19	0.6592
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.87	27.22	0.5272
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.72	28.07	0.6412
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.77	27.12	0.5152
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.67	28.02	0.6339
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.68	27.03	0.5047
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.71	28.06	0.6397
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.8	27.15	0.5188
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.64	27.99	0.6295
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.75	27.1	0.5129
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.69	28.04	0.6368

41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.74	27.09	0.5117
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.82	28.17	0.6561
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.87	27.22	0.5272
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.66	28.01	0.6324
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.74	27.09	0.5117
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.64	27.99	0.6295
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.77	27.12	0.5152
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.68	28.03	0.6353
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.79	28.14	0.6516
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.67	28.02	0.6339
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.66	28.01	0.6324
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.69	28.04	0.6368
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	25.6	27.95	0.6237
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.7	27.05	0.5070
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.88	27.23	0.5284
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	24.78	27.13	0.5164
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.22	25.57	0.3606
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.4	25.75	0.3758
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.31	25.66	0.3681
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.2	23.55	0.2265
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.2	23.55	0.2265
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.13	23.48	0.2228
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.14	26.49	0.4457
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.28	26.63	0.4603
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.2	26.55	0.4519
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.77	28.12	0.6486
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.66	28.01	0.6324
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	25.63	27.98	0.6281
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.74	28.09	0.6442
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.05	28.4	0.6918
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	25.56	27.91	0.6180
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.77	27.12	0.5152
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.76	27.11	0.5140
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	24.71	27.06	0.5082
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.27	25.62	0.3648
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.25	25.6	0.3631
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.25	25.6	0.3631
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.29	23.64	0.2312
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.1	23.45	0.2213
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.1	23.45	0.2213
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.2	26.55	0.4519
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.22	26.57	0.4539
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.19	26.54	0.4508
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.71	28.06	0.6397
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.68	28.03	0.6353

41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	25.55	27.9	0.6166
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.7	28.05	0.6383
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.6	27.95	0.6237
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	25.52	27.87	0.6124
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.71	27.06	0.5082
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.71	27.06	0.5082
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	24.59	26.94	0.4943
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.19	25.54	0.3581
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.23	25.58	0.3614
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.16	25.51	0.3556
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.25	23.6	0.2291
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.12	23.47	0.2223
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.03	23.38	0.2178
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.13	26.48	0.4446
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.19	26.54	0.4508
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.09	26.44	0.4406

5GNR N41 UL MIMO

Transmitter Conducted Output Power And EIRP, (GT - LC)=2.80db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT0 Power(dBm)	ANT2 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	22.39	22.06	25.24	28.04	0.6368
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	21.36	21.06	24.22	27.02	0.5035
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.3	22.08	25.20	28	0.6310
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.29	21.17	24.24	27.04	0.5058
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	22.15	22.18	25.18	27.98	0.6281
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	21.2	21.29	24.26	27.06	0.5082
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	22.42	22.27	25.36	28.16	0.6546
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	21.48	21.17	24.34	27.14	0.5176
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.35	22.19	25.28	28.08	0.6427
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.41	21.21	24.32	27.12	0.5152
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	22.41	22.38	25.41	28.21	0.6622
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	21.47	21.48	24.49	27.29	0.5358
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	22.4	22.23	25.33	28.13	0.6501
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	21.48	21.26	24.38	27.18	0.5224
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.44	22.24	25.35	28.15	0.6531
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.49	21.2	24.36	27.16	0.5200
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	22.37	22.36	25.38	28.18	0.6577
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	21.41	21.34	24.39	27.19	0.5236
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	22.28	22.14	25.22	28.02	0.6339
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	21.37	21.15	24.27	27.07	0.5093
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.34	22.07	25.22	28.02	0.6339
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.33	21.15	24.25	27.05	0.5070
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	22.19	22.21	25.21	28.01	0.6324
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	21.11	21.29	24.21	27.01	0.5023
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	22.22	21.98	25.11	27.91	0.6180
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	21.32	21.05	24.20	27	0.5012
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.3	21.99	25.16	27.96	0.6252
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.35	21.11	24.24	27.04	0.5058
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	22.04	22.08	25.07	27.87	0.6124
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	21.04	21.19	24.13	26.93	0.4932
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	22.1	22	25.06	27.86	0.6109
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	21.23	20.99	24.12	26.92	0.4920
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.14	21.85	25.01	27.81	0.6039
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.13	20.86	24.01	26.81	0.4797
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	22.01	21.94	24.99	27.79	0.6012
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	20.98	20.83	23.92	26.72	0.4699
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	22.02	21.88	24.96	27.76	0.5970
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	21.13	20.83	23.99	26.79	0.4775
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.04	21.73	24.90	27.7	0.5888
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.05	20.9	23.99	26.79	0.4775
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	22.13	21.72	24.94	27.74	0.5943

41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	21.08	20.85	23.98	26.78	0.4764
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	22.09	21.85	24.98	27.78	0.5998
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	21.19	20.95	24.08	26.88	0.4875
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	21.97	21.79	24.89	27.69	0.5875
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.05	20.88	23.98	26.78	0.4764
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	22.12	21.74	24.94	27.74	0.5943
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	21.02	20.9	23.97	26.77	0.4753
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	22.37	22.31	25.35	28.15	0.6531
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	22.49	22.28	25.40	28.2	0.6607
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	22.42	22.34	25.39	28.19	0.6592
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	22.43	22.29	25.37	28.17	0.6561
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	22.51	22.35	25.44	28.24	0.6668
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	22.38	22.25	25.33	28.13	0.6501
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	21.43	21.27	24.36	27.16	0.5200
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	21.55	21.34	24.46	27.26	0.5321
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	21.41	21.23	24.33	27.13	0.5164
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	19.89	19.82	22.87	25.67	0.3690
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	20.07	19.86	22.98	25.78	0.3784
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	19.85	19.75	22.81	25.61	0.3639
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	17.94	17.85	20.91	23.71	0.2350
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	17.9	17.72	20.82	23.62	0.2301
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	17.87	17.76	20.83	23.63	0.2307
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	20.88	20.75	23.83	26.63	0.4603
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	20.8	20.59	23.71	26.51	0.4477
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	20.77	20.5	23.65	26.45	0.4416
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	22.51	22.34	25.44	28.24	0.6668
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	22.46	22.15	25.32	28.12	0.6486
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	22.38	22.43	25.42	28.22	0.6637
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	22.48	22.32	25.41	28.21	0.6622
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	22.45	22.22	25.35	28.15	0.6531
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	22.35	22.37	25.37	28.17	0.6561
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	21.52	21.34	24.44	27.24	0.5297
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	21.45	21.35	24.41	27.21	0.5260
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	21.41	21.54	24.49	27.29	0.5358
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	19.99	19.83	22.92	25.72	0.3733
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	19.95	19.81	22.89	25.69	0.3707
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	20.01	20.06	23.05	25.85	0.3846
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	18.07	17.94	21.02	23.82	0.2410
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	17.84	17.72	20.79	23.59	0.2286
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	17.83	17.8	20.83	23.63	0.2307
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	21	20.8	23.91	26.71	0.4688
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	20.75	20.52	23.65	26.45	0.4416
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	20.79	20.71	23.76	26.56	0.4529
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	22.46	22.42	25.45	28.25	0.6683
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	22.37	22.17	25.28	28.08	0.6427

41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	22.26	22.46	25.37	28.17	0.6561
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	22.38	22.36	25.38	28.18	0.6577
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	22.42	22.17	25.31	28.11	0.6471
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	22.22	22.32	25.28	28.08	0.6427
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	21.41	21.4	24.42	27.22	0.5272
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	21.48	21.35	24.43	27.23	0.5284
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	21.44	21.52	24.49	27.29	0.5358
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	19.86	19.91	22.90	25.7	0.3715
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	19.95	19.85	22.91	25.71	0.3724
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	19.85	20.05	22.96	25.76	0.3767
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	17.88	17.99	20.95	23.75	0.2371
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	17.87	17.69	20.79	23.59	0.2286
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	17.74	17.88	20.82	23.62	0.2301
41	30	100	528000	2640	CP-OFDM QPSK	137@68	20.97	20.83	23.91	26.71	0.4688
41	30	100	528000	2640	CP-OFDM QPSK	1@1	20.73	20.55	23.65	26.45	0.4416
41	30	100	528000	2640	CP-OFDM QPSK	1@271	20.6	20.59	23.61	26.41	0.4375

5GNR N66

Transmitter Conducted Output Power And EIRP, (GT - LC)=2.45db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.11	25.56	0.3597
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.36	24.81	0.3027
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	24.02	26.47	0.4436
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.17	25.62	0.3648
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.89	26.34	0.4305
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.91	25.36	0.3436
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.99	26.44	0.4406
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	23.03	25.48	0.3532
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.98	26.43	0.4395
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.02	25.47	0.3524
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.94	26.39	0.4355
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	23	25.45	0.3508
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	24.08	26.53	0.4498
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.13	25.58	0.3614
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	24.09	26.54	0.4508
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.29	25.74	0.3750
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.95	26.4	0.4365
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	23.01	25.46	0.3516
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	24.01	26.46	0.4426
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	23.1	25.55	0.3589
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	24.02	26.47	0.4436
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.1	25.55	0.3589
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	24.04	26.49	0.4457
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	23.1	25.55	0.3589
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	24.03	26.48	0.4446
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	23.06	25.51	0.3556
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	24.1	26.55	0.4519
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.03	25.48	0.3532
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	24.09	26.54	0.4508
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	23.24	25.69	0.3707
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.86	26.31	0.4276
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.71	26.16	0.4130
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.64	26.09	0.4064
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.94	26.39	0.4355
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	24.13	26.58	0.4550
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.87	26.32	0.4285
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	23.03	25.48	0.3532
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.93	25.38	0.3451
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	22.87	25.32	0.3404
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	21.5	23.95	0.2483
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	21.69	24.14	0.2594

66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	21.47	23.92	0.2466
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	19.53	21.98	0.1578
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	19.35	21.8	0.1514
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	19.3	21.75	0.1496
66	15	40	346000	1730	CP-OFDM QPSK	108@54	22.49	24.94	0.3119
66	15	40	346000	1730	CP-OFDM QPSK	1@1	22.44	24.89	0.3083
66	15	40	346000	1730	CP-OFDM QPSK	1@214	22.4	24.85	0.3055
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	24.02	26.47	0.4436
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.88	26.33	0.4295
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.77	26.22	0.4188
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	24.09	26.54	0.4508
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.73	26.18	0.4150
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.85	26.3	0.4266
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	23.19	25.64	0.3664
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.86	25.31	0.3396
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	23	25.45	0.3508
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	21.69	24.14	0.2594
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	21.86	24.31	0.2698
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	21.66	24.11	0.2576
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	19.59	22.04	0.1600
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	19.58	22.03	0.1596
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	19.35	21.8	0.1514
66	15	40	349000	1745	CP-OFDM QPSK	108@54	22.51	24.96	0.3133
66	15	40	349000	1745	CP-OFDM QPSK	1@1	22.69	25.14	0.3266
66	15	40	349000	1745	CP-OFDM QPSK	1@214	22.04	24.49	0.2812
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.95	26.4	0.4365
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.87	26.32	0.4285
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.51	25.96	0.3945
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.94	26.39	0.4355
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.81	26.26	0.4227
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.66	26.11	0.4083
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	23.06	25.51	0.3556
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	23.08	25.53	0.3573
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	22.82	25.27	0.3365
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	21.55	24	0.2512
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	21.57	24.02	0.2523
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	21.48	23.93	0.2472
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	19.54	21.99	0.1581
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	19.45	21.9	0.1549
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	19.18	21.63	0.1455
66	15	40	352000	1760	CP-OFDM QPSK	108@54	22.49	24.94	0.3119
66	15	40	352000	1760	CP-OFDM QPSK	1@1	22.49	24.94	0.3119
66	15	40	352000	1760	CP-OFDM QPSK	1@214	22.15	24.6	0.2884

5GNR N70

Transmitter Conducted Output Power And EIRP, (GT - LC)=1.0db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	22.16	23.16	0.2070
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	21.31	22.31	0.1702
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.23	23.23	0.2104
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.32	22.32	0.1706
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	22.42	23.42	0.2198
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	21.37	22.37	0.1726
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	22.16	23.16	0.2070
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	21.19	22.19	0.1656
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.14	23.14	0.2061
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.2	22.2	0.1660
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	22.36	23.36	0.2168
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	21.36	22.36	0.1722
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	22.19	23.19	0.2084
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	22.21	23.21	0.2094
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	22.1	23.1	0.2042
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	22.27	23.27	0.2123
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.45	23.45	0.2213
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	22.31	23.31	0.2143
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	21.32	22.32	0.1706
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.47	22.47	0.1766
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	21.4	22.4	0.1738
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	19.87	20.87	0.1222
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	20.01	21.01	0.1262
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	19.97	20.97	0.1250
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	17.75	18.75	0.0750
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	17.6	18.6	0.0724
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	17.54	18.54	0.0714
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	20.84	21.84	0.1528
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	20.86	21.86	0.1535
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	20.84	21.84	0.1528

5GNR N71

Transmitter Conducted Output Power And ERP, (GT - LC)=1.54db

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	23.57	22.96	0.1977
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	22.56	21.95	0.1567
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	23.37	22.76	0.1888
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.48	21.87	0.1538
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	23.5	22.89	0.1945
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	22.44	21.83	0.1524
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	23.53	22.92	0.1959
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	22.53	21.92	0.1556
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	23.65	23.04	0.2014
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.55	21.94	0.1563
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	23.47	22.86	0.1932
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	22.53	21.92	0.1556
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	23.54	22.93	0.1963
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	22.66	22.05	0.1603
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.62	23.01	0.2000
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.67	22.06	0.1607
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.63	23.02	0.2004
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	22.69	22.08	0.1614
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	23.63	23.02	0.2004
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	23.47	22.86	0.1932
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	23.46	22.85	0.1928
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	23.56	22.95	0.1972
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	23.48	22.87	0.1936
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	23.6	22.99	0.1991
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	22.54	21.93	0.1560
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	22.55	21.94	0.1563
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	22.57	21.96	0.1570
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	21.02	20.41	0.1099
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	21.15	20.54	0.1132
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	21.2	20.59	0.1146
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	18.74	18.13	0.0650
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.72	18.11	0.0647
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	18.94	18.33	0.0681
71	15	20	134600	673	CP-OFDM QPSK	53@26	22.06	21.45	0.1396
71	15	20	134600	673	CP-OFDM QPSK	1@1	22.06	21.45	0.1396
71	15	20	134600	673	CP-OFDM QPSK	1@104	22.13	21.52	0.1419
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.65	23.04	0.2014
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.49	22.88	0.1941
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.36	22.75	0.1884
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.58	22.97	0.1982
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.62	23.01	0.2000

71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.5	22.89	0.1945
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	22.62	22.01	0.1589
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.62	22.01	0.1589
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	22.7	22.09	0.1618
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	21.13	20.52	0.1127
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	21.23	20.62	0.1153
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	21.3	20.69	0.1172
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	19.14	18.53	0.0713
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.8	18.19	0.0659
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.97	18.36	0.0685
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	22.19	21.58	0.1439
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	22.11	21.5	0.1413
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	22.14	21.53	0.1422
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.62	23.01	0.2000
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.58	22.97	0.1982
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	23.31	22.7	0.1862
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	23.65	23.04	0.2014
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	23.69	23.08	0.2032
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	23.4	22.79	0.1901
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	22.64	22.03	0.1596
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	22.66	22.05	0.1603
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	22.48	21.87	0.1538
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	21.25	20.64	0.1159
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	21.23	20.62	0.1153
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	21.1	20.49	0.1119
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	19.06	18.45	0.0700
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.79	18.18	0.0658
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.69	18.08	0.0643
71	15	20	137600	688	CP-OFDM QPSK	53@26	22.14	21.53	0.1422
71	15	20	137600	688	CP-OFDM QPSK	1@1	22.13	21.52	0.1419
71	15	20	137600	688	CP-OFDM QPSK	1@104	21.95	21.34	0.1361

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	ZhangXu	Temperature :	22~23℃
		Relative Humidity :	40~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n7 SA / NR 40MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5033.00	-59.69	-25	-34.69	-79.13	-65.25	7.14	12.70	H
	7549.50	-55.60	-25	-30.60	-80.16	-58.90	8.30	11.60	H
	10066.00	-52.06	-25	-27.06	-81.02	-53.58	10.48	12.00	H
	5033.00	-59.86	-25	-34.86	-79.23	-65.42	7.14	12.70	V
	7549.50	-55.19	-25	-30.19	-80.2	-58.49	8.30	11.60	V
	10066.00	-53.31	-25	-28.31	-80.87	-54.83	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_13A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT0+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n7 Middle	5033.00	-58.79	-25	-33.79	-78.23	-64.35	7.14	12.70	H
	7549.50	-54.21	-25	-29.21	-78.77	-57.51	8.30	11.60	H
	10066.00	-51.18	-25	-26.18	-80.14	-52.70	10.48	12.00	H
	5033.00	-58.70	-25	-33.70	-78.07	-64.26	7.14	12.70	V
	7549.50	-53.91	-25	-28.91	-78.92	-57.21	8.30	11.60	V
	10066.00	-52.62	-25	-27.62	-80.18	-54.14	10.48	12.00	V
LTE Band13 Middle	1555	-63.27	-13	-50.27	-72.18	-3.25	4.00	9.40	H
	2332.5	-40.33	-13	-27.33	-52.20	-3.57	4.88	10.60	H
	3110	-60.28	-13	-47.28	-74.69	-4.93	5.52	12.60	H
	1555	-64.18	-13	-51.18	-72.86	-3.25	4.00	9.40	V
	2332.5	-63.15	-13	-50.15	-75.05	-3.57	4.88	10.60	V
	3110	-60.66	-13	-47.66	-74.88	-4.93	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n12 SA / NR 15MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1401.3	-63.60	-13	-50.60	-72.29	-66.85	4.00	9.40	H
	2102	-49.17	-13	-36.17	-60.35	-52.74	4.88	10.60	H
	2802.6	-62.70	-13	-49.70	-76.21	-67.63	5.52	12.60	H
	1401.3	-61.37	-13	-48.37	-69.96	-64.62	4.00	9.40	V
	2102	-53.31	-13	-40.31	-64.72	-56.88	4.88	10.60	V
	2802.6	-62.53	-13	-49.53	-75.97	-67.46	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_48A_n12A / LTE 10MHz + NR 15MHz / QPSK (ANT2+0)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n12 Middle	1401.3	-68.04	-13	-55.04	-48.45	-71.29	4.00	9.40	H
	2102	-65.72	-13	-52.72	-46.82	-69.29	4.88	10.60	H
	2802.6	-65.59	-13	-52.59	-48.83	-70.52	5.52	12.60	H
	1401.3	-68.35	-13	-55.35	-48.66	-71.60	4.00	9.40	V
	2102	-64.76	-13	-51.76	-46.09	-68.33	4.88	10.60	V
	2802.6	-65.44	-13	-52.44	-48.61	-70.37	5.52	12.60	V
LTE Band48 Middle	7241.00	-58.17	-40	-18.17	-50.86	-61.47	8.30	11.60	H
	10861.50	-54.96	-40	-14.96	-54.03	-56.48	10.48	12.00	H
	14482.00	-55.09	-40	-15.09	-56.23	-56.79	11.80	13.50	H
	7241.00	-57.64	-40	-17.64	-51.07	-60.94	8.30	11.60	V
	10861.50	-55.60	-40	-15.60	-54.21	-57.12	10.48	12.00	V
	14482.00	-53.78	-40	-13.78	-56.59	-55.48	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n13 SA / NR 10MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1546	-64.80	-13	-51.80	-73.70	-68.05	4.00	9.40	H
	2319	-64.20	-13	-51.20	-76.10	-67.77	4.88	10.60	H
	3092	-62.44	-13	-49.44	-76.77	-67.37	5.52	12.60	H
	1546	-65.09	-13	-52.09	-73.78	-68.34	4.00	9.40	V
	2319	-64.40	-13	-51.40	-76.36	-67.97	4.88	10.60	V
	3092	-62.53	-13	-49.53	-76.70	-67.46	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n25 SA / NR 40MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3726	-62.29	-13	-49.29	-77.81	-69.04	5.85	12.60	H
	5589	-60.65	-13	-47.65	-79.99	-66.45	7.30	13.10	H
	7452	-54.53	-13	-41.53	-79.27	-57.68	8.35	11.50	H
	3726	-62.37	-13	-49.37	-77.56	-69.12	5.85	12.60	V
	5589	-60.59	-13	-47.59	-79.77	-66.39	7.30	13.10	V
	7452	-54.20	-13	-41.20	-79.3	-57.35	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_48A_n25A / LTE 10MHz + NR 40MHz / QPSK (ANT2+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Middle	3726	-63.56	-13	-50.56	-48.19	-70.31	5.85	12.60	H
	5589	-63.60	-13	-50.60	-50.71	-69.40	7.30	13.10	H
	7452	-58.29	-13	-45.29	-51.69	-61.44	8.35	11.50	H
	3726	-64.89	-13	-51.89	-49.19	-71.64	5.85	12.60	V
	5589	-63.74	-13	-50.74	-50.69	-69.54	7.30	13.10	V
	7452	-56.73	-13	-43.73	-50.49	-59.88	8.35	11.50	V
LTE Band48 Middle	7241.00	-58.67	-40	-18.67	-51.36	-61.97	8.30	11.60	H
	10861.50	-54.61	-40	-14.61	-53.68	-56.13	10.48	12.00	H
	14482.00	-53.25	-40	-13.25	-54.39	-54.95	11.80	13.50	H
	7241.00	-58.16	-40	-18.16	-51.59	-61.46	8.30	11.60	V
	10861.50	-55.10	-40	-15.10	-53.71	-56.62	10.48	12.00	V
	14482.00	-51.38	-40	-11.38	-54.19	-53.08	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n26 SA / NR 40MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654	-65.96	-13	-52.96	-73.76	-69.21	4.00	9.40	H
	2481	-63.24	-13	-50.24	-74.99	-66.81	4.88	10.60	H
	3308	-61.49	-13	-48.49	-75.92	-66.42	5.52	12.60	H
	1654	-65.13	-13	-52.13	-73.01	-68.38	4.00	9.40	V
	2481	-61.86	-13	-48.86	-73.66	-65.43	4.88	10.60	V
	3308	-61.88	-13	-48.88	-76.25	-66.81	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_48A_n26A / LTE 10MHz + NR 40MHz / QPSK (ANT2+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n26 Middle	1654.5	-62.29	-13	-49.29	-40.95	-65.54	4.00	9.40	H
	2481.75	-48.41	-13	-35.41	-30.14	-51.98	4.88	10.60	H
	3309	-65.26	-13	-52.26	-49.04	-70.19	5.52	12.60	H
	1654.5	-54.57	-13	-41.57	-33.31	-57.82	4.00	9.40	V
	2481.75	-44.18	-13	-31.18	-25.97	-47.75	4.88	10.60	V
	3309	-65.20	-13	-52.20	-48.92	-70.13	5.52	12.60	V
LTE Band48 Middle	7241.00	-58.32	-40	-18.32	-51.01	-61.62	8.30	11.60	H
	10861.50	-54.97	-40	-14.97	-54.04	-56.49	10.48	12.00	H
	14482.00	-56.54	-40	-16.54	-57.68	-58.24	11.80	13.50	H
	7241.00	-57.93	-40	-17.93	-51.36	-61.23	8.30	11.60	V
	10861.50	-55.39	-40	-15.39	-54	-56.91	10.48	12.00	V
	14482.00	-54.45	-40	-14.45	-57.26	-56.15	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n41 SA / NR 100MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5089.00	-59.19	-25	-34.19	-78.69	-64.75	7.14	12.70	H
	7633.50	-55.35	-25	-30.35	-79.70	-58.65	8.30	11.60	H
	10178.00	-51.70	-25	-26.70	-80.58	-53.22	10.48	12.00	H
	5089.00	-59.54	-25	-34.54	-78.87	-65.10	7.14	12.70	V
	7633.50	-55.23	-25	-30.23	-80.11	-58.53	8.30	11.60	V
	10178.00	-53.22	-25	-28.22	-80.87	-54.74	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_71A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT0+2)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n41 Middle	5088.00	-58.63	-25	-33.63	-78.13	-64.19	7.14	12.70	H
	7632.00	-53.95	-25	-28.95	-78.30	-57.25	8.30	11.60	H
	10176.00	-50.49	-25	-25.49	-79.37	-52.01	10.48	12.00	H
	5088.00	-58.75	-25	-33.75	-78.08	-64.31	7.14	12.70	V
	7632.00	-53.81	-25	-28.81	-78.69	-57.11	8.30	11.60	V
	10176.00	-51.94	-25	-26.94	-79.59	-53.46	10.48	12.00	V
LTE Band71 Middle	1352	-63.95	-13	-50.95	-72.00	-67.20	4.00	9.40	H
	2028	-63.38	-13	-50.38	-73.81	-66.95	4.88	10.60	H
	2704	-56.60	-13	-43.60	-69.63	-61.53	5.52	12.60	H
	1352	-64.36	-13	-51.36	-72.34	-67.61	4.00	9.40	V
	2028	-64.25	-13	-51.25	-74.81	-67.82	4.88	10.60	V
	2704	-60.85	-13	-47.85	-73.77	-65.78	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n41 UL MIMO / NR 100MHz / QPSK(ANT2+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5089.00	-58.37	-25	-33.37	-77.87	-63.93	7.14	12.70	H
	7633.50	-50.10	-25	-25.10	-74.45	-53.40	8.30	11.60	H
	10178.00	-50.89	-25	-25.89	-79.77	-52.41	10.48	12.00	H
	5089.00	-58.48	-25	-33.48	-77.81	-64.04	7.14	12.70	V
	7633.50	-51.39	-25	-26.39	-76.27	-54.69	8.30	11.60	V
	10178.00	-51.80	-25	-26.80	-79.45	-53.32	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n66 SA / NR 40MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3452.5	-61.82	-13	-48.82	-76.28	-68.67	5.65	12.50	H
	5178.74	-60.76	-13	-47.76	-80.36	-66.43	7.13	12.80	H
	6905	-57.80	-13	-44.80	-80.62	-61.20	8.40	11.80	H
	3452.5	-62.34	-13	-49.34	-76.83	-69.19	5.65	12.50	V
	5178.74	-61.22	-13	-48.22	-80.48	-66.89	7.13	12.80	V
	6905	-56.96	-13	-43.96	-80.11	-60.36	8.40	11.80	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_48A_n66A / LTE 10MHz + NR 40MHz / QPSK (ANT2+0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n66 Middle	3452.5	-61.52	-13	-48.52	-45.23	-68.37	5.65	12.50	H
	5178.74	-64.54	-13	-51.54	-51.89	-70.21	7.13	12.80	H
	6905	-59.10	-13	-46.10	-50.66	-62.50	8.40	11.80	H
	3452.5	-62.01	-13	-49.01	-45.75	-68.86	5.65	12.50	V
	5178.74	-64.82	-13	-51.82	-51.83	-70.49	7.13	12.80	V
	6905	-58.94	-13	-45.94	-50.83	-62.34	8.40	11.80	V
LTE Band48 Middle	7241.00	-58.15	-40	-18.15	-50.84	-61.45	8.30	11.60	H
	10861.50	-55.14	-40	-15.14	-54.21	-56.66	10.48	12.00	H
	14482.00	-56.12	-40	-16.12	-57.26	-57.82	11.80	13.50	H
	7241.00	-57.60	-40	-17.60	-51.03	-60.90	8.30	11.60	V
	10861.50	-55.65	-40	-15.65	-54.26	-57.17	10.48	12.00	V
	14482.00	-54.32	-40	-14.32	-57.13	-56.02	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n70 SA / NR 15MHz / QPSK(ANT2)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3390	-62.01	-13	-49.01	-76.24	-68.86	5.65	12.50	H
	5086	-58.98	-13	-45.98	-78.48	-64.65	7.13	12.80	H
	6780	-58.63	-13	-45.63	-81.26	-62.03	8.40	11.80	H
	3390	-62.27	-13	-49.27	-76.51	-69.12	5.65	12.50	V
	5086	-59.73	-13	-46.73	-79.06	-65.40	7.13	12.80	V
	6780	-57.85	-13	-44.85	-80.98	-61.25	8.40	11.80	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n71 SA / NR 20MHz / QPSK(ANT0)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1342.5	-44.07	-13	-31.07	-51.99	-47.32	4.00	9.40	H
	2013.75	-38.16	-13	-25.16	-48.45	-41.73	4.88	10.60	H
	2685	-58.03	-13	-45.03	-70.96	-62.96	5.52	12.60	H
	1342.5	-57.74	-13	-44.74	-65.59	-60.99	4.00	9.40	V
	2013.75	-41.51	-13	-28.51	-51.91	-45.08	4.88	10.60	V
	2685	-58.97	-13	-45.97	-71.78	-63.90	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_48A_n71A / LTE 10MHz + NR 20MHz / QPSK (ANT0+2)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Middle	1342	-68.38	-13	-55.38	-48.25	-71.63	4.00	9.40	H
	2013	-53.20	-13	-40.20	-33.38	-56.77	4.88	10.60	H
	2684	-66.19	-13	-53.19	-48.95	-71.12	5.52	12.60	H
	1342	-68.09	-13	-55.09	-47.90	-71.34	4.00	9.40	V
	2013	-57.08	-13	-44.08	-37.38	-60.65	4.88	10.60	V
	2684	-65.90	-13	-52.90	-48.54	-70.83	5.52	12.60	V
LTE Band48 Middle	7241.00	-58.21	-40	-18.21	-50.90	-61.51	8.30	11.60	H
	10861.50	-54.92	-40	-14.92	-53.99	-56.44	10.48	12.00	H
	14482.00	-55.92	-40	-15.92	-57.06	-57.62	11.80	13.50	H
	7241.00	-57.49	-40	-17.49	-50.92	-60.79	8.30	11.60	V
	10861.50	-55.03	-40	-15.03	-53.64	-56.55	10.48	12.00	V
	14482.00	-54.27	-40	-14.27	-57.08	-55.97	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.