FCC RF Test Report

APPLICANT	:	Ericsson Enterprise Wireless Solutions, Inc.
EQUIPMENT	:	5G Sub-6 GHz LGA Module
BRAND NAME	:	Ericsson
MODEL NAME	:	RG650V-NA
FCC ID	:	UXX-2024RG650VNA
STANDARD	:	47 CFR Part 22, 24, 27
CLASSIFICATION	:	PCS Licensed Transmitter (PCB)
TEST DATE(S)	:	Dec. 23, 2024 ~ Jan. 24, 2025

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
FG4D0656H	Rev. 01	Initial issue of report	Feb. 17, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	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		
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)	< $43+10\log_{10}$(P[Watts])	PASS	Under limit 9.96 dB at 14464.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n7, n41, n38)	< $55+10\log_{10}$(P[Watts])		

Remark : This report by changing module trace design and adding Antenna.

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

Ericsson Enterprise Wireless Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702

1.2 Manufacturer

Ericsson Enterprise Wireless Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G Sub-6 GHz LGA Module
Brand Name	Ericsson
Model Name	RG650V-NA
FCC ID	UXX-2024RG650VNA
IMEI Code	Conducted: 357214899990622 Radiation: 866838070003881
HW Version	RG650V-NA
SW Version	RG650VNA01AAR01A04G8G
EUT Stage	Production Unit

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: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n5: 5MHz / 10MHz / 15MHz / 20MHz n7: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n12: 5MHz / 10MHz / 15MHz n13: 5MHz / 10MHz n25: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n26: 5MHz / 10MHz / 15MHz / 20MHz n38: 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n41: 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz n66: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz n70: 5MHz / 10MHz / 15MHz n71: 5MHz / 10MHz / 15MHz / 20MHz
SCS	15kHz for FDD; 30kHz for TDD;
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

	Support Band	Ant. Type	Max. Antenna Gain (dBi)		Operating mode
			Ant.1	Ant.7	
Support Band	n2	Dipole	2.63	-	SISO
	n5	Dipole	3.22	-	SISO
	n12	Dipole	3.17	-	SISO
	n13	Dipole	3.06	-	SISO
	n25	Dipole	2.63	-	SISO
	n26	Dipole	3.22	-	SISO
	n66	Dipole	3.14	-	SISO
	n70	Dipole	3.14	-	SISO
	n71	Dipole	2.94	-	SISO
	n7	Dipole	-	2.9	SISO
	n38	Dipole	-	2.9	SISO
	n41	Dipole	-	3.1	SISO
Transmit/Receive	/	/	TX/RX	TX/RX	/

	Support Band	Ant. Type	Max. Antenna Gain (dBi)		Operating mode	Total TX ant.	Measured Ant.	MIMO Gain (dBi)
			Ant.1	Ant.7				
Support Band	n2	Dipole	2.63	2.63	MIMO	2	Ant.1&7	2.63
	n5	Dipole	3.22	3.22	MIMO	2	Ant.1&7	3.22
	n25	Dipole	2.63	2.63	MIMO	2	Ant.1&7	2.63
	n66	Dipole	3.14	3.14	MIMO	2	Ant.1&7	3.14
	n70	Dipole	3.14	3.14	MIMO	2	Ant.1&7	3.14
	n71	Dipole	2.94	2.94	MIMO	2	Ant.1&7	2.94
	n7	Dipole	2.9	2.9	MIMO	2	Ant.1&7	2.9
	n38	Dipole	2.9	2.9	MIMO	2	Ant.1&7	2.9
	n41	Dipole	3.1	3.1	MIMO	2	Ant.1&7	3.1
Transmit/Receive	/	/	TX/RX	TX/RX	/	/	TX/RX	TX/RX

Remark:

1. 5G NR n13/n70 support SA mode only.
2. ENDC combinations only test RSE, only the worse modes are shown in the report.
3. The UL MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.
4. The device supports HPUE (PC2) mode for 5G NR n2/n5/n7/n25/n66/n71.
5. 5G NR n38/n41 Single Carrier supports PC2 and UL MIMO mode is PC1.5.
6. 5G NR n70 UL MIMO supports CP-OFDM Mode only.
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 Conducted Power

5G NR n2		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	**Frequency Range (MHz)**	**Maximum Conducted power (W)**	**Maximum Conducted power (W)**
5	1852.5 ~ 1907.5	0.1730	0.1253
10	1855.0 ~ 1905.0	0.1778	0.1265
15	1857.5 ~ 1902.5	0.1774	0.1265
20	1860.0 ~ 1900.0	0.1754	0.1245
25	1862.5 ~ 1897.5	0.1774	0.1291
30	1865.0 ~ 1895.0	0.1791	0.1276
40	1870.0 ~ 1890.0	0.1795	0.1256

5G NR n2 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	**Frequency Range (MHz)**	**Maximum Conducted power (W)**	**Maximum Conducted power (W)**
5	1852.5 ~ 1907.5	0.3733	0.2716
10	1855.0 ~ 1905.0	0.3837	0.2729
15	1857.5 ~ 1902.5	0.3846	0.2735
20	1860.0 ~ 1900.0	0.3828	0.2698
25	1862.5 ~ 1897.5	0.3873	0.2773
30	1865.0 ~ 1895.0	0.3837	0.2767
40	1870.0 ~ 1890.0	0.3882	0.2793

5G NR n25		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	1852.5 ~ 1912.5	0.1738	0.1250
10	1855.0 ~ 1910.0	0.1766	0.1268
15	1857.5 ~ 1907.5	0.1791	0.1271
20	1860.0 ~ 1905.0	0.1754	0.1274
25	1862.5 ~ 1902.5	0.1795	0.1279
30	1865.0 ~ 1900.0	0.1778	0.1274
40	1870.0 ~ 1895.0	0.1799	0.1324

5G NR n25 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	1852.5 ~ 1912.5	0.3724	0.2729
10	1855.0 ~ 1910.0	0.3828	0.2748
15	1857.5 ~ 1907.5	0.3819	0.2748
20	1860.0 ~ 1905.0	0.3873	0.2761
25	1862.5 ~ 1902.5	0.3936	0.2786
30	1865.0 ~ 1900.0	0.3899	0.2767
40	1870.0 ~ 1895.0	0.3945	0.2742

5G NR n5		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	826.5 ~ 846.5	0.1875	0.1361
10	829.0 ~ 844.0	0.1901	0.1361
15	831.5 ~ 841.5	0.1901	0.1352
20	834.0 ~ 839.0	0.1905	0.1365

5G NR n5 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	826.5 ~ 846.5	0.4083	0.2951
10	829.0 ~ 844.0	0.4140	0.2979
15	831.5 ~ 841.5	0.4102	0.2951
20	834.0 ~ 839.0	0.4150	0.2944

5G NR n26		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	826.5 ~ 846.5	0.1972	0.1581
10	829.0 ~ 844.0	0.2000	0.1596
15	831.5 ~ 841.5	0.2000	0.1589
20	834.0 ~ 839.0	0.2004	0.1570

5G NR n12		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	701.5 ~ 713.5	0.2323	0.1871
10	704.0~ 711.0	0.2366	0.1845
15	706.5 ~ 708.5	0.2371	0.1892

5G NR n13		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	779.5 ~ 784.5	0.2113	0.1698
10	782	0.2118	0.1714

5G NR n66		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	1712.5 ~ 1777.5	0.2158	0.1845
10	1715.0 ~ 1775.0	0.2203	0.1905
15	1717.5 ~ 1772.5	0.2173	0.1888
20	1720.0 ~ 1770.0	0.2168	0.1803
25	1722.5 ~ 1767.5	0.2239	0.1888
30	1725.0 ~ 1765.0	0.2208	0.1897
40	1730.0 ~ 1760.0	0.2244	0.1858

5G NR n66 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	1712.5 ~ 1777.5	0.2748	0.2818
10	1715.0 ~ 1775.0	0.2818	0.2838
15	1717.5 ~ 1772.5	0.2831	0.2844
20	1720.0 ~ 1770.0	0.2742	0.2780
25	1722.5 ~ 1767.5	0.2799	0.2844
30	1725.0 ~ 1765.0	0.2831	0.2831
40	1730.0 ~ 1760.0	0.2767	0.2844

5G NR n70		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	1697.5 ~ 1707.5	0.1799	0.1462
10	1700.0 ~ 1705.0	0.1824	0.1459
15	1702.5	0.1828	0.1419

5G NR n70 UL MIMO		QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	1697.5 ~ 1707.5	0.1589	0.1334
10	1700.0 ~ 1705.0	0.1549	0.1337
15	1702.5	0.1600	0.1349

5G NR n71		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	665.5 ~ 695.5	0.2089	0.1531
10	668.0 ~ 693.0	0.2118	0.1528
15	670.5 ~ 690.5	0.2113	0.1510
20	673.0 ~ 688.0	0.2123	0.1496

5G NR n71 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	665.5 ~ 695.5	0.4416	0.3206
10	668.0 ~ 693.0	0.4335	0.3133
15	670.5 ~ 690.5	0.4365	0.3148
20	673.0 ~ 688.0	0.4426	0.3162

5G NR n7		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	2502.5 ~ 2567.5	0.1268	0.0927
10	2505.0 ~ 2565.0	0.1321	0.0916
15	2507.5 ~ 2562.5	0.1324	0.0931
20	2510.0 ~ 2560.0	0.1294	0.0902
25	2512.5 ~ 2557.5	0.1306	0.0920
30	2515.0 ~ 2555.0	0.1294	0.0908
40	2520.0 ~ 2550.0	0.1327	0.0946

5G NR n7 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
5	2502.5 ~ 2567.5	0.3020	0.2148
10	2505.0 ~ 2565.0	0.3141	0.2178
15	2507.5 ~ 2562.5	0.3020	0.2158
20	2510.0 ~ 2560.0	0.2985	0.2133
25	2512.5 ~ 2557.5	0.3062	0.2158
30	2515.0 ~ 2555.0	0.2992	0.2143
40	2520.0 ~ 2550.0	0.3141	0.2198

5G NR n38		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
10	2575.0 ~ 2615.0	0.3972	0.3062
15	2577.5 ~ 2612.5	0.3926	0.3048
20	2580.0 ~ 2610.0	0.3926	0.3041
25	2582.5 ~ 2607.5	0.4055	0.3155
30	2585.0 ~ 2605.0	0.4046	0.3192
40	2590.0 ~ 2600.0	0.4064	0.3214

5G NR n38 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
10	2575.0 ~ 2615.0	0.5188	0.5309
15	2577.5 ~ 2612.5	0.5140	0.5224
20	2580.0 ~ 2610.0	0.5035	0.5035
25	2582.5 ~ 2607.5	0.5333	0.5297
30	2585.0 ~ 2605.0	0.5284	0.5383
40	2590.0 ~ 2600.0	0.5321	0.5395

5G NR n41		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	**Frequency Range (MHz)**	**Maximum Conducted power (W)**	**Maximum Conducted power (W)**
10	2501.01 ~ 2685.00	0.4150	0.3289
15	2503.50 ~ 2682.48	0.4074	0.3304
20	2506.02 ~ 2679.99	0.4102	0.3206
25	2508.51 ~ 2677.50	0.4102	0.3381
30	2511.00 ~ 2674.98	0.4198	0.3266
40	2516.01 ~ 2670.00	0.4036	0.3170
50	2521.02 ~ 2664.99	0.4169	0.3289
60	2526.00 ~ 2659.98	0.4064	0.3119
70	2531.01 ~ 2655.00	0.3990	0.3221
80	2536.02 ~ 2649.99	0.4083	0.3177
90	2541.00 ~ 2644.98	0.4046	0.3170
100	2546.01 ~ 2640.00	0.4207	0.3396

5G NR n41 UL MIMO		PI/2 BPSK / QPSK	16QAM / 64QAM / 256QAM
BW (MHz)	**Frequency Range (MHz)**	**Maximum Conducted power (W)**	**Maximum Conducted power (W)**
10	2501.01 ~ 2685.00	0.5470	0.5420
15	2503.50 ~ 2682.48	0.5284	0.5383
20	2506.02 ~ 2679.99	0.5212	0.5260
25	2508.51 ~ 2677.50	0.5458	0.5559
30	2511.00 ~ 2674.98	0.5333	0.5346
40	2516.01 ~ 2670.00	0.5333	0.5495
50	2521.02 ~ 2664.99	0.5458	0.5408
60	2526.00 ~ 2659.98	0.5383	0.5534
70	2531.01 ~ 2655.00	0.5321	0.5309
80	2536.02 ~ 2649.99	0.5508	0.5297
90	2541.00 ~ 2644.98	0.5358	0.5188
100	2546.01 ~ 2640.00	0.5572	0.5546

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.**
	03CH02-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

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.

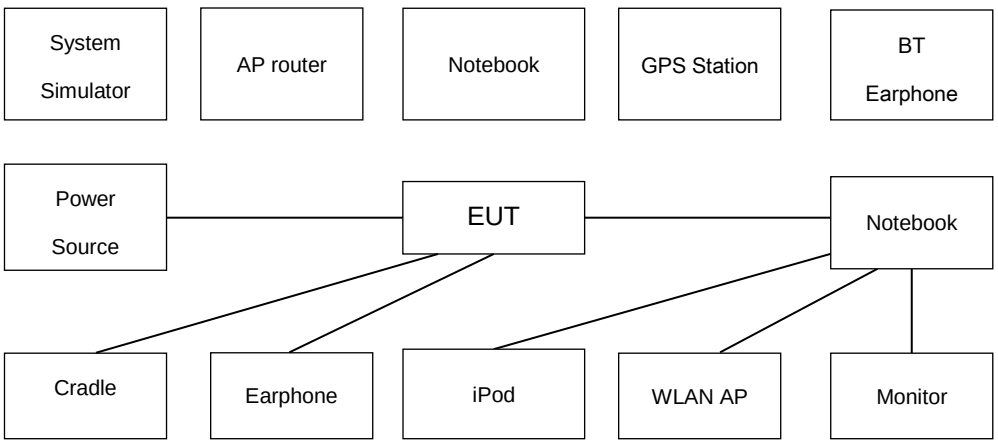
The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane

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
	n7	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
	n13	v	v	-	-	-	-	-	-	-	-	-	-	-	v	v	v			v		v	v	v
	n25	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
	n38	-	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
	n66	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
	n71	v	v	v	v	-	-	-	-	-	-	-	-	-	v	v	v			v		v	v	v
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
	n7	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
	n13	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
	n25	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
	n38	-	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
	n66	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
Radiated Spurious Emission	n2	Worst Case																				v	v	v
	n5	Worst Case																				v	v	v
	n7	Worst Case																				v	v	v
	n12	Worst Case																				v	v	v
	n13	Worst Case																				v	v	v
	n25	Worst Case																				v	v	v
	n26	Worst Case																				v	v	v
	n38	Worst Case																				v	v	v
	n41	Worst Case																				v	v	v
	n66	Worst Case																				v	v	v
	n70	Worst Case																				v	v	v
	n71	Worst Case																				v	v	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



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

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.	Base Station	Anritsu	MT8821C	Fcc DoC	N/A	Shielded, 1.5m
3.	Base Station	Anritsu	MT8000A	Fcc DoC	N/A	Shielded, 1.5m

2.4 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	374000	376000	378000
	Frequency	1870	1880	1890
30	Channel	373000	376000	379000
	Frequency	1865	1880	1895
25	Channel	372500	376000	379500
	Frequency	1862.5	1880	1897.5
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
25	Channel	516500	519000	521500
	Frequency	2582.5	2595	2607.5
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				
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
25	Channel	2508.51	518598	535500
	Frequency	2508.51	2592.99	2677.5
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99

15	Channel	500700	518598	536496
	Frequency	2503.5	2592.99	2682.48
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685

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
25	Channel	344500	349000	353500
	Frequency	1722.5	1745	1767.5
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

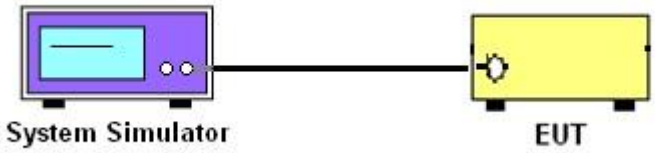
3 Conducted Test Items

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.

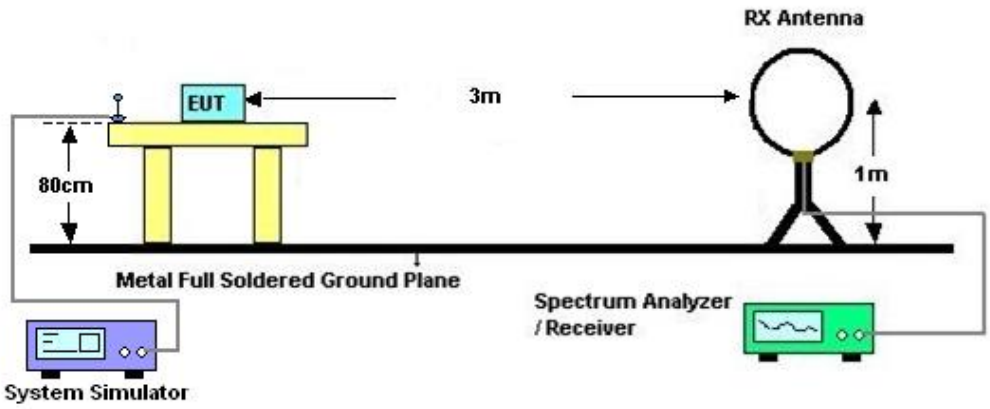
4 Radiated Test Items

4.1 Measuring Instruments

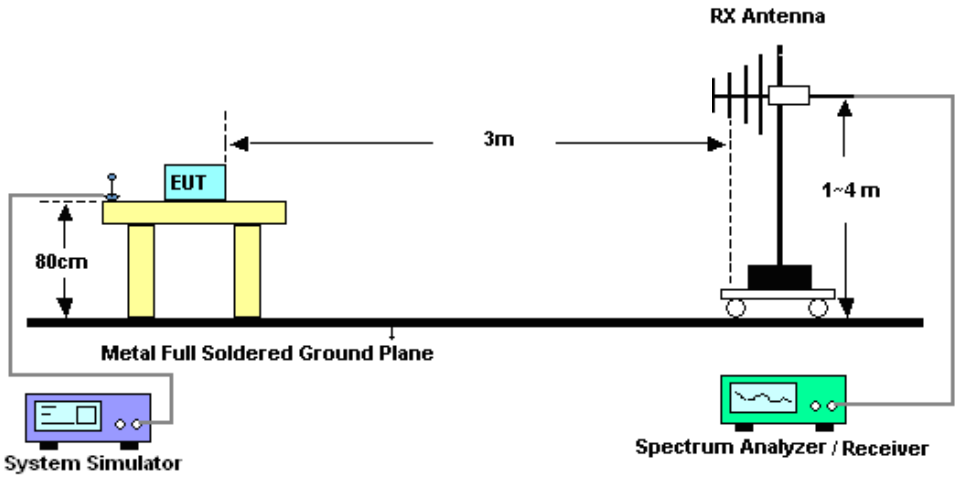
See list of measuring instruments of this test report.

4.2 Test Setup

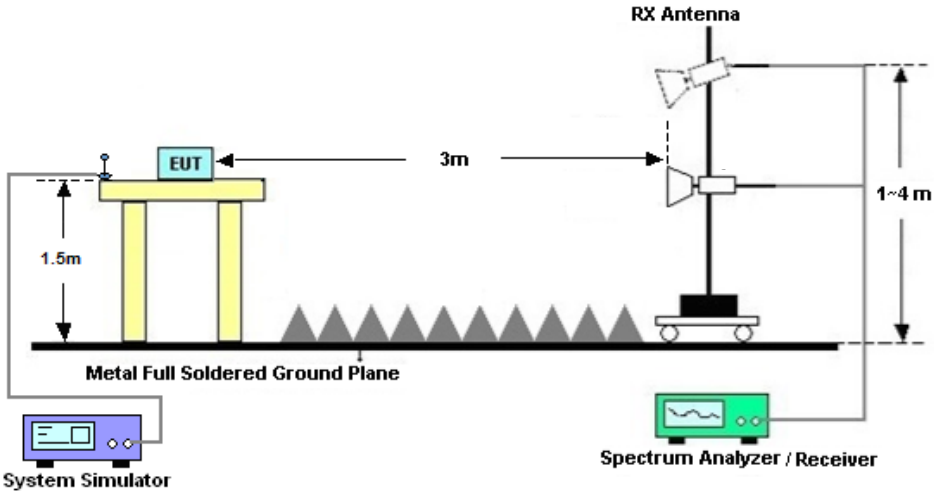
4.2.1 For radiated test below 30MHz



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	Jan. 24, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct. 14, 2024	Jan. 24, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jan. 24, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Dec. 23, 2024	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 29, 2023	Dec. 23, 2024	Dec. 28, 2024	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Dec. 23, 2024	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Dec. 23, 2024	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Dec. 23, 2024	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Dec. 23, 2024	Apr. 08, 2025	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2024	Dec. 23, 2024	Oct. 17, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Dec. 23, 2024	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Dec. 23, 2024	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Dec. 23, 2024	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Dec. 23, 2024	NCR	Radiation (03CH02-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 (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47 dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.31 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.72 dB

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

Appendix A. Test Results of Conducted Test

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

Conducted Output Power(Average power) and ERP/EIRP

5G NR n2

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 PI/2 BPSK	1@1	22.36	24.99	0.3155
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	21.76	24.39	0.2748
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	20.89	23.52	0.2249
2	15	5	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.38	25.01	0.3170
2	15	5	376000	1880	DFT-s-OFDM QPSK	1@1	21.93	24.56	0.2858
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	1@1	20.96	23.59	0.2286
2	15	5	381500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	22.27	24.9	0.3090
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@1	21.84	24.47	0.2799
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	20.98	23.61	0.2296
2	15	10	371000	1855	DFT-s-OFDM PI/2 BPSK	1@1	22.47	25.1	0.3236
2	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	21.96	24.59	0.2877
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	20.96	23.59	0.2286
2	15	10	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.5	25.13	0.3258
2	15	10	376000	1880	DFT-s-OFDM QPSK	1@1	21.95	24.58	0.2871
2	15	10	376000	1880	DFT-s-OFDM 16 QAM	1@1	20.9	23.53	0.2254
2	15	10	381000	1905	DFT-s-OFDM PI/2 BPSK	1@1	22.42	25.05	0.3199
2	15	10	381000	1905	DFT-s-OFDM QPSK	1@1	21.96	24.59	0.2877
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	1@1	21.02	23.65	0.2317
2	15	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	22.49	25.12	0.3251
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	21.98	24.61	0.2891
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	21	23.63	0.2307
2	15	15	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.45	25.08	0.3221
2	15	15	376000	1880	DFT-s-OFDM QPSK	1@1	21.98	24.61	0.2891
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.02	23.65	0.2317
2	15	15	380500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	22.44	25.07	0.3214
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	1@1	21.95	24.58	0.2871
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	20.93	23.56	0.2270
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	22.43	25.06	0.3206
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	21.92	24.55	0.2851
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	20.93	23.56	0.2270
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.41	25.04	0.3192
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@1	21.94	24.57	0.2864
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@1	20.95	23.58	0.2280

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@1	22.44	25.07	0.3214
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@1	21.98	24.61	0.2891
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@1	20.84	23.47	0.2223
2	15	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1@1	22.49	25.12	0.3251
2	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	22.05	24.68	0.2938
2	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	21.04	23.67	0.2328
2	15	25	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.45	25.08	0.3221
2	15	25	376000	1880	DFT-s-OFDM QPSK	1@1	22.1	24.73	0.2972
2	15	25	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.11	23.74	0.2366
2	15	25	379500	1897.5	DFT-s-OFDM PI/2 BPSK	1@1	22.48	25.11	0.3243
2	15	25	379500	1897.5	DFT-s-OFDM QPSK	1@1	22.03	24.66	0.2924
2	15	25	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	21.06	23.69	0.2339
2	15	30	373000	1865	DFT-s-OFDM PI/2 BPSK	1@1	22.53	25.16	0.3281
2	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	21.97	24.6	0.2884
2	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	21.06	23.69	0.2339
2	15	30	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.45	25.08	0.3221
2	15	30	376000	1880	DFT-s-OFDM QPSK	1@1	22.11	24.74	0.2979
2	15	30	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.03	23.66	0.2323
2	15	30	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	22.47	25.1	0.3236
2	15	30	379000	1895	DFT-s-OFDM QPSK	1@1	22.1	24.73	0.2972
2	15	30	379000	1895	DFT-s-OFDM 16 QAM	1@1	21.04	23.67	0.2328
2	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	22.44	25.07	0.3214
2	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	21.99	24.62	0.2897
2	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	20.99	23.62	0.2301
2	15	40	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.43	25.06	0.3206
2	15	40	376000	1880	DFT-s-OFDM QPSK	1@1	22.02	24.65	0.2917
2	15	40	376000	1880	DFT-s-OFDM 16 QAM	1@1	20.96	23.59	0.2286
2	15	40	378000	1890	DFT-s-OFDM PI/2 BPSK	1@1	22.54	25.17	0.3289
2	15	40	378000	1890	DFT-s-OFDM QPSK	1@1	22.02	24.65	0.2917
2	15	40	378000	1890	DFT-s-OFDM 16 QAM	1@1	20.97	23.6	0.2291

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NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	22.26	22.59	25.44	28.07	0.6412
2	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	21.81	22.14	24.99	27.62	0.5781
2	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	20.96	21.29	24.14	26.77	0.4753
2	15	5	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.4	22.95	25.69	28.32	0.6792
2	15	5	376000	1880	DFT-s-OFDM QPSK	1@1	21.95	22.44	25.21	27.84	0.6081
2	15	5	376000	1880	DFT-s-OFDM 16 QAM	1@1	20.99	21.59	24.31	26.94	0.4943
2	15	5	381500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	22.32	23.06	25.72	28.35	0.6839
2	15	5	381500	1907.5	DFT-s-OFDM QPSK	1@1	21.83	22.56	25.22	27.85	0.6095
2	15	5	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	20.98	21.66	24.34	26.97	0.4977
2	15	10	371000	1855	DFT-s-OFDM PI/2 BPSK	1@1	22.4	22.82	25.63	28.26	0.6699
2	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	21.96	22.35	25.17	27.8	0.6026
2	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	20.98	21.37	24.19	26.82	0.4808
2	15	10	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.5	23.1	25.82	28.45	0.6998
2	15	10	376000	1880	DFT-s-OFDM QPSK	1@1	22.06	22.58	25.34	27.97	0.6266
2	15	10	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.04	21.54	24.31	26.94	0.4943
2	15	10	381000	1905	DFT-s-OFDM PI/2 BPSK	1@1	22.42	23.21	25.84	28.47	0.7031
2	15	10	381000	1905	DFT-s-OFDM QPSK	1@1	21.95	22.67	25.34	27.97	0.6266
2	15	10	381000	1905	DFT-s-OFDM 16 QAM	1@1	21.01	21.66	24.36	26.99	0.5000
2	15	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	22.44	22.93	25.70	28.33	0.6808
2	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	21.99	22.41	25.22	27.85	0.6095
2	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	21.03	21.46	24.26	26.89	0.4887
2	15	15	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.52	23.05	25.80	28.43	0.6966
2	15	15	376000	1880	DFT-s-OFDM QPSK	1@1	22.07	22.62	25.36	27.99	0.6295
2	15	15	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.05	21.59	24.34	26.97	0.4977
2	15	15	380500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	22.42	23.22	25.85	28.48	0.7047
2	15	15	380500	1902.5	DFT-s-OFDM QPSK	1@1	21.97	22.44	25.22	27.85	0.6095
2	15	15	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	21.04	21.65	24.37	27	0.5012
2	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	22.41	22.87	25.66	28.29	0.6745
2	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	21.96	22.41	25.20	27.83	0.6067
2	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	20.96	21.38	24.19	26.82	0.4808
2	15	20	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.47	22.99	25.75	28.38	0.6887
2	15	20	376000	1880	DFT-s-OFDM QPSK	1@1	22.06	22.54	25.32	27.95	0.6237
2	15	20	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.03	21.55	24.31	26.94	0.4943
2	15	20	380000	1900	DFT-s-OFDM PI/2 BPSK	1@1	22.52	23.1	25.83	28.46	0.7015
2	15	20	380000	1900	DFT-s-OFDM QPSK	1@1	21.9	22.49	25.22	27.85	0.6095
2	15	20	380000	1900	DFT-s-OFDM 16 QAM	1@1	20.94	21.54	24.26	26.89	0.4887
2	15	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1@1	22.49	22.95	25.74	28.37	0.6871
2	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	21.93	22.49	25.23	27.86	0.6109
2	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	20.99	21.47	24.25	26.88	0.4875
2	15	25	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.54	23.15	25.87	28.5	0.7079

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	25	376000	1880	DFT-s-OFDM QPSK	1@1	22.1	22.65	25.39	28.02	0.6339
2	15	25	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.06	21.61	24.35	26.98	0.4989
2	15	25	379500	1897.5	DFT-s-OFDM PI/2 BPSK	1@1	22.52	23.2	25.88	28.51	0.7096
2	15	25	379500	1897.5	DFT-s-OFDM 16 QAM	1@1	21.09	21.73	24.43	27.06	0.5082
2	15	30	373000	1865	DFT-s-OFDM PI/2 BPSK	1@1	22.48	22.95	25.73	28.36	0.6855
2	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	22.04	22.41	25.24	27.87	0.6124
2	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	21	21.38	24.20	26.83	0.4819
2	15	30	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.51	22.96	25.75	28.38	0.6887
2	15	30	376000	1880	DFT-s-OFDM QPSK	1@1	22.05	22.55	25.32	27.95	0.6237
2	15	30	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.06	21.6	24.35	26.98	0.4989
2	15	30	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	22.55	23.09	25.84	28.47	0.7031
2	15	30	379000	1895	DFT-s-OFDM QPSK	1@1	22.13	22.73	25.45	28.08	0.6427
2	15	30	379000	1895	DFT-s-OFDM 16 QAM	1@1	21.13	21.68	24.42	27.05	0.5070
2	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	22.47	22.94	25.72	28.35	0.6839
2	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	22.01	22.48	25.26	27.89	0.6152
2	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	21.06	21.55	24.32	26.95	0.4955
2	15	40	376000	1880	DFT-s-OFDM PI/2 BPSK	1@1	22.51	22.99	25.77	28.4	0.6918
2	15	40	376000	1880	DFT-s-OFDM QPSK	1@1	22.17	22.62	25.41	28.04	0.6368
2	15	40	376000	1880	DFT-s-OFDM 16 QAM	1@1	21.13	21.69	24.43	27.06	0.5082
2	15	40	378000	1890	DFT-s-OFDM PI/2 BPSK	1@1	22.6	23.15	25.89	28.52	0.7112
2	15	40	378000	1890	DFT-s-OFDM QPSK	1@1	22.19	22.71	25.47	28.1	0.6457
2	15	40	378000	1890	DFT-s-OFDM 16 QAM	1@1	21.18	21.7	24.46	27.09	0.5117

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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 PI/2 BPSK	1@1	22.69	23.76	0.2377
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	22.24	23.31	0.2143
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	21.31	22.38	0.1730
5	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.73	23.8	0.2399
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	22.27	23.34	0.2158
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.34	22.41	0.1742
5	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	22.51	23.58	0.2280
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	22.06	23.13	0.2056
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	21.14	22.21	0.1663
5	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	22.79	23.86	0.2432
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	22.25	23.32	0.2148
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	21.33	22.4	0.1738
5	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.79	23.86	0.2432
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	22.36	23.43	0.2203
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.34	22.41	0.1742
5	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	22.76	23.83	0.2415
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	22.27	23.34	0.2158
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	21.16	22.23	0.1671
5	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	22.79	23.86	0.2432
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	22.32	23.39	0.2183
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	21.31	22.38	0.1730
5	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.76	23.83	0.2415
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	22.3	23.37	0.2173
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.23	22.3	0.1698
5	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	22.72	23.79	0.2393
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	22.31	23.38	0.2178
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	21.29	22.36	0.1722
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	22.73	23.8	0.2399
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	22.17	23.24	0.2109
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	21.35	22.42	0.1746
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.73	23.8	0.2399
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	22.26	23.33	0.2153
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.29	22.36	0.1722
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	22.8	23.87	0.2438
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	22.27	23.34	0.2158
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	21.28	22.35	0.1718

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NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	ERP (dBm)	ERP (W)
5	15	5	165300	826.5	DFT-s-OFDM PI/2 BPSK	1@1	22.72	23.4	26.08	27.15	0.5188
5	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	22.32	22.85	25.60	26.67	0.4645
5	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	21.41	21.96	24.70	25.77	0.3776
5	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.78	23.4	26.11	27.18	0.5224
5	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	22.31	22.59	25.46	26.53	0.4498
5	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.4	21.73	24.58	25.65	0.3673
5	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	22.56	23.21	25.91	26.98	0.4989
5	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	22.16	22.53	25.36	26.43	0.4395
5	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	21.3	21.73	24.53	25.60	0.3631
5	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	22.81	23.43	26.14	27.21	0.5260
5	15	10	165800	829	DFT-s-OFDM QPSK	1@1	22.41	22.76	25.60	26.67	0.4645
5	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	21.39	22.01	24.72	25.79	0.3793
5	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.86	23.44	26.17	27.24	0.5297
5	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	22.36	22.81	25.60	26.67	0.4645
5	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.5	21.95	24.74	25.81	0.3811
5	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	22.72	23.33	26.05	27.12	0.5152
5	15	10	168800	844	DFT-s-OFDM QPSK	1@1	22.31	22.43	25.38	26.45	0.4416
5	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	21.26	21.62	24.45	25.52	0.3565
5	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	22.79	23.43	26.13	27.20	0.5248
5	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	22.44	22.85	25.66	26.73	0.4710
5	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	21.44	21.93	24.70	25.77	0.3776
5	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.76	23.32	26.06	27.13	0.5164
5	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	22.29	22.93	25.63	26.70	0.4677
5	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.38	21.93	24.67	25.74	0.3750
5	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	22.81	23.38	26.11	27.18	0.5224
5	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	22.41	22.7	25.57	26.64	0.4613
5	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	21.44	21.9	24.69	25.76	0.3767
5	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	22.81	23.5	26.18	27.25	0.5309
5	15	20	166800	834	DFT-s-OFDM QPSK	1@1	22.36	22.69	25.54	26.61	0.4581
5	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	21.36	21.97	24.69	25.76	0.3767
5	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.77	22.93	25.86	26.93	0.4932
5	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	22.33	22.46	25.41	26.48	0.4446
5	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.31	21.54	24.44	25.51	0.3556
5	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	22.74	22.84	25.80	26.87	0.4864
5	15	20	167800	839	DFT-s-OFDM QPSK	1@1	22.29	22.45	25.38	26.45	0.4416
5	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	21.32	21.45	24.40	25.47	0.3524

5G NR n7

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 PI/2 BPSK	1@1	20.8	23.7	0.2344
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	20.34	23.24	0.2109
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	19.4	22.3	0.1698
7	15	5	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	20.92	23.82	0.2410
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	20.38	23.28	0.2128
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.49	22.39	0.1734
7	15	5	513500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	21.03	23.93	0.2472
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	20.45	23.35	0.2163
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	19.67	22.57	0.1807
7	15	10	501000	2505	DFT-s-OFDM PI/2 BPSK	1@1	21	23.9	0.2455
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	20.53	23.43	0.2203
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	19.41	22.31	0.1702
7	15	10	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21.07	23.97	0.2495
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	20.59	23.49	0.2234
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.62	22.52	0.1786
7	15	10	513000	2565	DFT-s-OFDM PI/2 BPSK	1@1	21.21	24.11	0.2576
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	20.66	23.56	0.2270
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	19.56	22.46	0.1762
7	15	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	20.99	23.89	0.2449
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	20.5	23.4	0.2188
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	19.4	22.3	0.1698
7	15	15	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21.08	23.98	0.2500
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	20.41	23.31	0.2143
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.54	22.44	0.1754
7	15	15	512500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	21.22	24.12	0.2582
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	20.68	23.58	0.2280
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	19.69	22.59	0.1816
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	1@1	20.85	23.75	0.2371
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	20.4	23.3	0.2138
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	19.31	22.21	0.1663
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21.02	23.92	0.2466
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	20.42	23.32	0.2148
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.42	22.32	0.1706
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	1@1	21.12	24.02	0.2523
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	20.61	23.51	0.2244
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	19.55	22.45	0.1758

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
7	15	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	20.99	23.89	0.2449
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@1	20.48	23.38	0.2178
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@1	19.42	22.32	0.1706
7	15	25	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21	23.9	0.2455
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@1	20.54	23.44	0.2208
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.58	22.48	0.1770
7	15	25	511500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	21.16	24.06	0.2547
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@1	20.58	23.48	0.2228
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@1	19.64	22.54	0.1795
7	15	30	503000	2515	DFT-s-OFDM PI/2 BPSK	1@1	21	23.9	0.2455
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@1	20.56	23.46	0.2218
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@1	19.43	22.33	0.1710
7	15	30	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21	23.9	0.2455
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@1	20.57	23.47	0.2223
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.58	22.48	0.1770
7	15	30	511000	2555	DFT-s-OFDM PI/2 BPSK	1@1	21.12	24.02	0.2523
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@1	20.74	23.64	0.2312
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@1	19.51	22.41	0.1742
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	1@1	21.06	23.96	0.2489
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@1	20.64	23.54	0.2259
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@1	19.57	22.47	0.1766
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21.17	24.07	0.2553
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@1	20.85	23.75	0.2371
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.7	22.6	0.1820
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	1@1	21.23	24.13	0.2588
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@1	20.7	23.6	0.2291
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@1	19.76	22.66	0.1845

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NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	20.84	22.19	24.58	27.48	0.5598
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	20.25	21.74	24.07	26.97	0.4977
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	19.25	20.84	23.13	26.03	0.4009
7	15	5	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	20.88	22.33	24.68	27.58	0.5728
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	20.45	21.87	24.23	27.13	0.5164
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.48	20.88	23.25	26.15	0.4121
7	15	5	513500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	21.07	22.4	24.80	27.7	0.5888
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	20.58	21.94	24.32	27.22	0.5272
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	19.65	20.89	23.32	26.22	0.4188
7	15	10	501000	2505	DFT-s-OFDM PI/2 BPSK	1@1	21.05	22.34	24.75	27.65	0.5821
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	20.3	21.88	24.17	27.07	0.5093
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	19.34	20.9	23.20	26.1	0.4074
7	15	10	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21.09	22.44	24.83	27.73	0.5929
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	20.4	21.82	24.18	27.08	0.5105
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.45	20.86	23.22	26.12	0.4093
7	15	10	513000	2565	DFT-s-OFDM PI/2 BPSK	1@1	21.24	22.57	24.97	27.87	0.6124
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	20.65	22.04	24.41	27.31	0.5383
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	19.68	20.97	23.38	26.28	0.4246
7	15	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	20.87	22.26	24.63	27.53	0.5662
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	20.36	21.8	24.15	27.05	0.5070
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	19.36	20.76	23.13	26.03	0.4009
7	15	15	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	20.89	22.27	24.64	27.54	0.5675
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	20.52	21.85	24.25	27.15	0.5188
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.47	20.87	23.24	26.14	0.4111
7	15	15	512500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	21.1	22.39	24.80	27.7	0.5888
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	20.55	21.93	24.30	27.2	0.5248
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	19.65	20.92	23.34	26.24	0.4207
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	1@1	20.96	22.24	24.66	27.56	0.5702
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	20.27	21.77	24.09	26.99	0.5000
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	19.5	20.74	23.17	26.07	0.4046
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	20.92	22.24	24.64	27.54	0.5675
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	20.35	21.8	24.15	27.05	0.5070
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.38	20.84	23.18	26.08	0.4055

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	1@1	21.02	22.36	24.75	27.65	0.5821
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	20.62	21.88	24.31	27.21	0.5260
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	19.59	20.87	23.29	26.19	0.4159
7	15	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	21.02	22.35	24.75	27.65	0.5821
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@1	20.58	21.86	24.28	27.18	0.5224
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@1	19.47	20.79	23.19	26.09	0.4064
7	15	25	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	20.96	22.36	24.73	27.63	0.5794
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@1	20.61	21.9	24.31	27.21	0.5260
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.59	20.96	23.34	26.24	0.4207
7	15	25	511500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	21.13	22.46	24.86	27.76	0.5970
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@1	20.64	21.92	24.34	27.24	0.5297
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@1	19.51	20.95	23.30	26.2	0.4169
7	15	30	503000	2515	DFT-s-OFDM PI/2 BPSK	1@1	20.95	22.34	24.71	27.61	0.5768
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@1	20.49	21.89	24.26	27.16	0.5200
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@1	19.38	20.82	23.17	26.07	0.4046
7	15	30	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21	22.38	24.75	27.65	0.5821
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@1	20.48	21.93	24.28	27.18	0.5224
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.47	20.88	23.24	26.14	0.4111
7	15	30	511000	2555	DFT-s-OFDM PI/2 BPSK	1@1	21.03	22.37	24.76	27.66	0.5834
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@1	20.61	21.92	24.32	27.22	0.5272
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@1	19.58	20.92	23.31	26.21	0.4178
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	1@1	21.19	22.54	24.93	27.83	0.6067
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@1	20.61	22.07	24.41	27.31	0.5383
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@1	19.67	21.04	23.42	26.32	0.4285
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	21.19	22.62	24.97	27.87	0.6124
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@1	20.73	22.12	24.49	27.39	0.5483
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@1	19.66	21.05	23.42	26.32	0.4285
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	1@1	21.12	22.54	24.90	27.8	0.6026
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@1	20.7	22.06	24.44	27.34	0.5420
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@1	19.57	21.05	23.38	26.28	0.4246

5G NR n12

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 PI/2 BPSK	1@1	23.53	24.55	0.2851
12	15	5	140300	701.5	DFT-s-OFDM QPSK	1@1	23.65	24.67	0.2931
12	15	5	140300	701.5	DFT-s-OFDM 16 QAM	1@1	22.72	23.74	0.2366
12	15	5	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.51	24.53	0.2838
12	15	5	141500	707.5	DFT-s-OFDM QPSK	1@1	23.63	24.65	0.2917
12	15	5	141500	707.5	DFT-s-OFDM 16 QAM	1@1	22.68	23.7	0.2344
12	15	5	142700	713.5	DFT-s-OFDM PI/2 BPSK	1@1	23.51	24.53	0.2838
12	15	5	142700	713.5	DFT-s-OFDM QPSK	1@1	23.66	24.68	0.2938
12	15	5	142700	713.5	DFT-s-OFDM 16 QAM	1@1	22.67	23.69	0.2339
12	15	10	140800	704	DFT-s-OFDM PI/2 BPSK	1@1	23.63	24.65	0.2917
12	15	10	140800	704	DFT-s-OFDM QPSK	1@1	23.74	24.76	0.2992
12	15	10	140800	704	DFT-s-OFDM 16 QAM	1@1	22.66	23.68	0.2333
12	15	10	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.6	24.62	0.2897
12	15	10	141500	707.5	DFT-s-OFDM QPSK	1@1	23.71	24.73	0.2972
12	15	10	141500	707.5	DFT-s-OFDM 16 QAM	1@1	22.64	23.66	0.2323
12	15	10	142200	711	DFT-s-OFDM PI/2 BPSK	1@1	23.63	24.65	0.2917
12	15	10	142200	711	DFT-s-OFDM QPSK	1@1	23.53	24.55	0.2851
12	15	10	142200	711	DFT-s-OFDM 16 QAM	1@1	22.62	23.64	0.2312
12	15	15	141300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	23.58	24.6	0.2884
12	15	15	141300	706.5	DFT-s-OFDM QPSK	1@1	23.71	24.73	0.2972
12	15	15	141300	706.5	DFT-s-OFDM 16 QAM	1@1	22.7	23.72	0.2355
12	15	15	141500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.57	24.59	0.2877
12	15	15	141500	707.5	DFT-s-OFDM QPSK	1@1	23.61	24.63	0.2904
12	15	15	141500	707.5	DFT-s-OFDM 16 QAM	1@1	22.77	23.79	0.2393
12	15	15	141700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	23.64	24.66	0.2924
12	15	15	141700	708.5	DFT-s-OFDM QPSK	1@1	23.75	24.77	0.2999
12	15	15	141700	708.5	DFT-s-OFDM 16 QAM	1@1	22.7	23.72	0.2355

5G NR n13

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 PI/2 BPSK	1@1	23.02	23.93	0.2472
13	15	5	149700	779.5	DFT-s-OFDM QPSK	1@1	23.25	24.16	0.2606
13	15	5	149700	779.5	DFT-s-OFDM 16 QAM	1@1	22.3	23.21	0.2094
13	15	5	150200	782	DFT-s-OFDM PI/2 BPSK	1@1	23.04	23.95	0.2483
13	15	5	150200	782	DFT-s-OFDM QPSK	1@1	23.24	24.15	0.2600
13	15	5	150200	782	DFT-s-OFDM 16 QAM	1@1	22.28	23.19	0.2084
13	15	5	150700	784.5	DFT-s-OFDM PI/2 BPSK	1@1	23.02	23.93	0.2472
13	15	5	150700	784.5	DFT-s-OFDM QPSK	1@1	23.08	23.99	0.2506
13	15	5	150700	784.5	DFT-s-OFDM 16 QAM	1@1	22.21	23.12	0.2051
13	15	10	150200	782	DFT-s-OFDM PI/2 BPSK	1@1	23.14	24.05	0.2541
13	15	10	150200	782	DFT-s-OFDM QPSK	1@1	23.26	24.17	0.2612
13	15	10	150200	782	DFT-s-OFDM 16 QAM	1@1	22.34	23.25	0.2113

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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 PI/2 BPSK	1@1	22.22	24.85	0.3055
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	21.73	24.36	0.2729
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	20.88	23.51	0.2244
25	15	5	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.4	25.03	0.3184
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	21.93	24.56	0.2858
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	20.96	23.59	0.2286
25	15	5	382500	1912.5	DFT-s-OFDM PI/2 BPSK	1@1	22.27	24.9	0.3090
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	21.9	24.53	0.2838
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	20.97	23.6	0.2291
25	15	10	371000	1855	DFT-s-OFDM PI/2 BPSK	1@1	22.44	25.07	0.3214
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	21.98	24.61	0.2891
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	21.03	23.66	0.2323
25	15	10	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.46	25.09	0.3228
25	15	10	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.01	24.64	0.2911
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	20.95	23.58	0.2280
25	15	10	382000	1910	DFT-s-OFDM PI/2 BPSK	1@1	22.47	25.1	0.3236
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	21.91	24.54	0.2844
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	20.87	23.5	0.2239
25	15	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	22.42	25.05	0.3199
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	21.94	24.57	0.2864
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	21	23.63	0.2307
25	15	15	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.53	25.16	0.3281
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.03	24.66	0.2924
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.04	23.67	0.2328
25	15	15	381500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	22.43	25.06	0.3206
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	21.97	24.6	0.2884
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	20.95	23.58	0.2280
25	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	22.37	25	0.3162
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	21.89	24.52	0.2831
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	20.95	23.58	0.2280
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.44	25.07	0.3214
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.01	24.64	0.2911
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.05	23.68	0.2333
25	15	20	381000	1905	DFT-s-OFDM PI/2 BPSK	1@1	22.36	24.99	0.3155
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	21.97	24.6	0.2884
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	20.94	23.57	0.2275

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
25	15	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1@1	22.53	25.16	0.3281
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	22.07	24.7	0.2951
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	21.07	23.7	0.2344
25	15	25	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.54	25.17	0.3289
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.06	24.69	0.2944
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.04	23.67	0.2328
25	15	25	380500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	22.45	25.08	0.3221
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	21.99	24.62	0.2897
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	21.03	23.66	0.2323
25	15	30	373000	1865	DFT-s-OFDM PI/2 BPSK	1@1	22.5	25.13	0.3258
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	22.04	24.67	0.2931
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	20.97	23.6	0.2291
25	15	30	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.45	25.08	0.3221
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	21.98	24.61	0.2891
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.05	23.68	0.2333
25	15	30	380000	1900	DFT-s-OFDM PI/2 BPSK	1@1	22.4	25.03	0.3184
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	21.99	24.62	0.2897
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	21.03	23.66	0.2323
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	22.54	25.17	0.3289
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	22	24.63	0.2904
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	20.93	23.56	0.2270
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.5	25.13	0.3258
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.09	24.72	0.2965
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21	23.63	0.2307
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	22.55	25.18	0.3296
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	22.08	24.71	0.2958
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	21.22	23.85	0.2427

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NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	5	370500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	22.3	22.74	25.54	28.17	0.6561
25	15	5	370500	1852.5	DFT-s-OFDM QPSK	1@1	21.78	22.3	25.06	27.69	0.5875
25	15	5	370500	1852.5	DFT-s-OFDM 16 QAM	1@1	20.9	21.37	24.15	26.78	0.4764
25	15	5	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.36	23.02	25.71	28.34	0.6823
25	15	5	376500	1882.5	DFT-s-OFDM QPSK	1@1	21.94	22.52	25.25	27.88	0.6138
25	15	5	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.01	21.67	24.36	26.99	0.5000
25	15	5	382500	1912.5	DFT-s-OFDM PI/2 BPSK	1@1	22.31	22.97	25.66	28.29	0.6745
25	15	5	382500	1912.5	DFT-s-OFDM QPSK	1@1	21.83	22.62	25.25	27.88	0.6138
25	15	5	382500	1912.5	DFT-s-OFDM 16 QAM	1@1	20.97	21.62	24.32	26.95	0.4955
25	15	10	371000	1855	DFT-s-OFDM PI/2 BPSK	1@1	22.39	22.94	25.68	28.31	0.6776
25	15	10	371000	1855	DFT-s-OFDM QPSK	1@1	21.92	22.52	25.24	27.87	0.6124
25	15	10	371000	1855	DFT-s-OFDM 16 QAM	1@1	20.91	21.51	24.23	26.86	0.4853
25	15	10	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.42	23.12	25.79	28.42	0.6950
25	15	10	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.05	21.69	24.39	27.02	0.5035
25	15	10	382000	1910	DFT-s-OFDM PI/2 BPSK	1@1	22.4	23.21	25.83	28.46	0.7015
25	15	10	382000	1910	DFT-s-OFDM QPSK	1@1	21.99	22.68	25.36	27.99	0.6295
25	15	10	382000	1910	DFT-s-OFDM 16 QAM	1@1	20.99	21.65	24.34	26.97	0.4977
25	15	15	371500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	22.41	22.9	25.67	28.3	0.6761
25	15	15	371500	1857.5	DFT-s-OFDM QPSK	1@1	21.95	22.39	25.19	27.82	0.6053
25	15	15	371500	1857.5	DFT-s-OFDM 16 QAM	1@1	21	21.43	24.23	26.86	0.4853
25	15	15	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.46	23.13	25.82	28.45	0.6998
25	15	15	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.05	22.67	25.38	28.01	0.6324
25	15	15	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.09	21.66	24.39	27.02	0.5035
25	15	15	381500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	22.39	23.2	25.82	28.45	0.6998
25	15	15	381500	1907.5	DFT-s-OFDM QPSK	1@1	21.92	22.75	25.37	28	0.6310
25	15	15	381500	1907.5	DFT-s-OFDM 16 QAM	1@1	20.98	21.73	24.38	27.01	0.5023
25	15	20	372000	1860	DFT-s-OFDM PI/2 BPSK	1@1	22.42	22.92	25.69	28.32	0.6792
25	15	20	372000	1860	DFT-s-OFDM QPSK	1@1	21.94	22.37	25.17	27.8	0.6026
25	15	20	372000	1860	DFT-s-OFDM 16 QAM	1@1	20.89	21.51	24.22	26.85	0.4842
25	15	20	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.45	23.03	25.76	28.39	0.6902
25	15	20	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.01	22.64	25.35	27.98	0.6281
25	15	20	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.01	21.68	24.37	27	0.5012
25	15	20	381000	1905	DFT-s-OFDM PI/2 BPSK	1@1	22.48	23.22	25.88	28.51	0.7096

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
25	15	20	381000	1905	DFT-s-OFDM QPSK	1@1	21.9	22.58	25.26	27.89	0.6152
25	15	20	381000	1905	DFT-s-OFDM 16 QAM	1@1	20.95	21.8	24.41	27.04	0.5058
25	15	25	372500	1862.5	DFT-s-OFDM PI/2 BPSK	1@1	22.41	23.03	25.74	28.37	0.6871
25	15	25	372500	1862.5	DFT-s-OFDM QPSK	1@1	21.96	22.52	25.26	27.89	0.6152
25	15	25	372500	1862.5	DFT-s-OFDM 16 QAM	1@1	21	21.5	24.27	26.9	0.4898
25	15	25	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.52	23.17	25.87	28.5	0.7079
25	15	25	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.12	22.72	25.44	28.07	0.6412
25	15	25	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.12	21.74	24.45	27.08	0.5105
25	15	25	380500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	22.55	23.3	25.95	28.58	0.7211
25	15	25	380500	1902.5	DFT-s-OFDM QPSK	1@1	22.11	22.77	25.46	28.09	0.6442
25	15	25	380500	1902.5	DFT-s-OFDM 16 QAM	1@1	20.95	21.76	24.38	27.01	0.5023
25	15	30	373000	1865	DFT-s-OFDM PI/2 BPSK	1@1	22.44	23.01	25.74	28.37	0.6871
25	15	30	373000	1865	DFT-s-OFDM QPSK	1@1	22.07	22.54	25.32	27.95	0.6237
25	15	30	373000	1865	DFT-s-OFDM 16 QAM	1@1	20.97	21.51	24.26	26.89	0.4887
25	15	30	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.44	23.18	25.84	28.47	0.7031
25	15	30	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.09	22.64	25.38	28.01	0.6324
25	15	30	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	21.06	21.72	24.41	27.04	0.5058
25	15	30	380000	1900	DFT-s-OFDM PI/2 BPSK	1@1	22.52	23.25	25.91	28.54	0.7145
25	15	30	380000	1900	DFT-s-OFDM QPSK	1@1	22.03	22.66	25.37	28	0.6310
25	15	30	380000	1900	DFT-s-OFDM 16 QAM	1@1	21	21.79	24.42	27.05	0.5070
25	15	40	374000	1870	DFT-s-OFDM PI/2 BPSK	1@1	22.34	22.95	25.67	28.3	0.6761
25	15	40	374000	1870	DFT-s-OFDM QPSK	1@1	21.9	22.48	25.21	27.84	0.6081
25	15	40	374000	1870	DFT-s-OFDM 16 QAM	1@1	20.95	21.45	24.22	26.85	0.4842
25	15	40	376500	1882.5	DFT-s-OFDM PI/2 BPSK	1@1	22.47	23.06	25.79	28.42	0.6950
25	15	40	376500	1882.5	DFT-s-OFDM QPSK	1@1	22.09	22.65	25.39	28.02	0.6339
25	15	40	376500	1882.5	DFT-s-OFDM 16 QAM	1@1	20.99	21.51	24.27	26.9	0.4898
25	15	40	379000	1895	DFT-s-OFDM PI/2 BPSK	1@1	22.6	23.28	25.96	28.59	0.7228
25	15	40	379000	1895	DFT-s-OFDM QPSK	1@1	22.03	22.73	25.40	28.03	0.6353
25	15	40	379000	1895	DFT-s-OFDM 16 QAM	1@1	21.02	21.69	24.38	27.01	0.5023

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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 PI/2 BPSK	1@1	22.78	23.85	0.2427
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@1	22.89	23.96	0.2489
26	15	5	165300	826.5	DFT-s-OFDM 16 QAM	1@1	21.99	23.06	0.2023
26	15	5	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.79	23.86	0.2432
26	15	5	167300	836.5	DFT-s-OFDM QPSK	1@1	22.95	24.02	0.2523
26	15	5	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.96	23.03	0.2009
26	15	5	169300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	22.64	23.71	0.2350
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@1	22.71	23.78	0.2388
26	15	5	169300	846.5	DFT-s-OFDM 16 QAM	1@1	21.83	22.9	0.1950
26	15	10	165800	829	DFT-s-OFDM PI/2 BPSK	1@1	22.93	24	0.2512
26	15	10	165800	829	DFT-s-OFDM QPSK	1@1	23.01	24.08	0.2559
26	15	10	165800	829	DFT-s-OFDM 16 QAM	1@1	22.03	23.1	0.2042
26	15	10	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.98	24.05	0.2541
26	15	10	167300	836.5	DFT-s-OFDM QPSK	1@1	22.92	23.99	0.2506
26	15	10	167300	836.5	DFT-s-OFDM 16 QAM	1@1	22.02	23.09	0.2037
26	15	10	168800	844	DFT-s-OFDM PI/2 BPSK	1@1	22.78	23.85	0.2427
26	15	10	168800	844	DFT-s-OFDM QPSK	1@1	22.74	23.81	0.2404
26	15	10	168800	844	DFT-s-OFDM 16 QAM	1@1	21.87	22.94	0.1968
26	15	15	166300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	22.91	23.98	0.2500
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@1	23.01	24.08	0.2559
26	15	15	166300	831.5	DFT-s-OFDM 16 QAM	1@1	22.01	23.08	0.2032
26	15	15	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.01	24.08	0.2559
26	15	15	167300	836.5	DFT-s-OFDM QPSK	1@1	22.93	24	0.2512
26	15	15	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.94	23.01	0.2000
26	15	15	168300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	22.89	23.96	0.2489
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@1	23.01	24.08	0.2559
26	15	15	168300	841.5	DFT-s-OFDM 16 QAM	1@1	21.94	23.01	0.2000
26	15	20	166800	834	DFT-s-OFDM PI/2 BPSK	1@1	22.83	23.9	0.2455
26	15	20	166800	834	DFT-s-OFDM QPSK	1@1	23.02	24.09	0.2564
26	15	20	166800	834	DFT-s-OFDM 16 QAM	1@1	21.88	22.95	0.1972
26	15	20	167300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	22.84	23.91	0.2460
26	15	20	167300	836.5	DFT-s-OFDM QPSK	1@1	22.87	23.94	0.2477
26	15	20	167300	836.5	DFT-s-OFDM 16 QAM	1@1	21.96	23.03	0.2009
26	15	20	167800	839	DFT-s-OFDM PI/2 BPSK	1@1	22.88	23.95	0.2483
26	15	20	167800	839	DFT-s-OFDM QPSK	1@1	22.89	23.96	0.2489
26	15	20	167800	839	DFT-s-OFDM 16 QAM	1@1	21.91	22.98	0.1986

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NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	DFT-s-OFDM PI/2 BPSK	1@1	25.79	28.69	0.7396
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	25.85	28.75	0.7499
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	24.66	27.56	0.5702
38	30	10	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	25.93	28.83	0.7638
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	25.94	28.84	0.7656
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.79	27.69	0.5875
38	30	10	523000	2615	DFT-s-OFDM PI/2 BPSK	1@1	25.99	28.89	0.7745
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	25.99	28.89	0.7745
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	24.86	27.76	0.5970
38	30	15	515500	2577.5	DFT-s-OFDM PI/2 BPSK	1@1	25.8	28.7	0.7413
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	25.79	28.69	0.7396
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	24.76	27.66	0.5834
38	30	15	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	25.92	28.82	0.7621
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	25.94	28.84	0.7656
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.84	27.74	0.5943
38	30	15	522500	2612.5	DFT-s-OFDM PI/2 BPSK	1@1	25.89	28.79	0.7568
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	25.89	28.79	0.7568
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	24.79	27.69	0.5875
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	25.75	28.65	0.7328
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	25.69	28.59	0.7228
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	24.64	27.54	0.5675
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	25.86	28.76	0.7516
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	25.74	28.64	0.7311
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.73	27.63	0.5794
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	25.94	28.84	0.7656
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	25.93	28.83	0.7638
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	24.83	27.73	0.5929
38	30	25	516500	2582.5	DFT-s-OFDM PI/2 BPSK	1@1	25.92	28.82	0.7621
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	25.91	28.81	0.7603
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	24.87	27.77	0.5984
38	30	25	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	26.01	28.91	0.7780
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	26.02	28.92	0.7798
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.96	27.86	0.6109
38	30	25	521500	2607.5	DFT-s-OFDM PI/2 BPSK	1@1	26.08	28.98	0.7907
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	26.06	28.96	0.7870
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	24.99	27.89	0.6152
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	25.96	28.86	0.7691
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	25.9	28.8	0.7586
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	24.9	27.8	0.6026
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	26	28.9	0.7762
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	25.9	28.8	0.7586
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.96	27.86	0.6109

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	26.07	28.97	0.7889
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	25.97	28.87	0.7709
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	25.04	27.94	0.6223
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	26.09	28.99	0.7925
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	26.02	28.92	0.7798
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	25.04	27.94	0.6223
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	26.04	28.94	0.7834
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	25.92	28.82	0.7621
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	25.07	27.97	0.6266
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	25.89	28.79	0.7568
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	25.99	28.89	0.7745
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	25.03	27.93	0.6209

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NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575	DFT-s-OFDM PI/2 BPSK	1@1	23.96	23.94	26.96	29.86	0.9683
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	23.83	23.9	26.88	29.78	0.9506
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	23.92	24	26.97	29.87	0.9705
38	30	10	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.15	24.08	27.13	30.03	1.0069
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	23.94	24	26.98	29.88	0.9727
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.07	24.21	27.15	30.05	1.0116
38	30	10	523000	2615	DFT-s-OFDM PI/2 BPSK	1@1	24.13	24.14	27.15	30.05	1.0116
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	24.07	24.06	27.08	29.98	0.9954
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	24.23	24.24	27.25	30.15	1.0351
38	30	15	515500	2577.5	DFT-s-OFDM PI/2 BPSK	1@1	23.9	24.01	26.97	29.87	0.9705
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	23.79	23.92	26.87	29.77	0.9484
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	21.77	24	26.04	28.94	0.7834
38	30	15	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.13	24.07	27.11	30.01	1.0023
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.07	23.94	27.02	29.92	0.9817
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.9	24.09	27.01	29.91	0.9795
38	30	15	522500	2612.5	DFT-s-OFDM PI/2 BPSK	1@1	24.09	24.07	27.09	29.99	0.9977
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	24.02	23.98	27.01	29.91	0.9795
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	24.09	24.25	27.18	30.08	1.0186
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	23.82	23.96	26.90	29.8	0.9550
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.83	23.94	26.90	29.8	0.9550
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	17.11	23.98	24.79	27.69	0.5875
38	30	20	519000	2595	DFT-s-OFDM	1@1	24.02	23.96	27.00	29.9	0.9772

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
					PI/2 BPSK						
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.89	23.96	26.94	29.84	0.9638
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.01	24.01	27.02	29.92	0.9817
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	24	24.02	27.02	29.92	0.9817
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.93	23.96	26.96	29.86	0.9683
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.89	24.12	27.02	29.92	0.9817
38	30	25	516500	2582.5	DFT-s-OFDM PI/2 BPSK	1@1	23.98	24.1	27.05	29.95	0.9886
38	30	25	516500	2582.5	DFT-s-OFDM QPSK	1@1	23.94	24.02	26.99	29.89	0.9750
38	30	25	516500	2582.5	DFT-s-OFDM 16 QAM	1@1	24.05	24.13	27.10	30	1.0000
38	30	25	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.16	24.2	27.19	30.09	1.0209
38	30	25	519000	2595	DFT-s-OFDM QPSK	1@1	23.98	24.13	27.07	29.97	0.9931
38	30	25	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.17	24.28	27.24	30.14	1.0328
38	30	25	521500	2607.5	DFT-s-OFDM PI/2 BPSK	1@1	24.26	24.26	27.27	30.17	1.0399
38	30	25	521500	2607.5	DFT-s-OFDM QPSK	1@1	24.15	24.17	27.17	30.07	1.0162
38	30	25	521500	2607.5	DFT-s-OFDM 16 QAM	1@1	24.12	24.2	27.17	30.07	1.0162
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	24.03	24.16	27.11	30.01	1.0023
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.96	24.08	27.03	29.93	0.9840
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	24.1	24.25	27.19	30.09	1.0209
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.13	24.26	27.21	30.11	1.0257
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.09	24.1	27.11	30.01	1.0023
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.16	24.06	27.12	30.02	1.0046
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	24.25	24.18	27.23	30.13	1.0304
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.14	24.13	27.15	30.05	1.0116
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	24.29	24.3	27.31	30.21	1.0495
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.18	24.22	27.21	30.11	1.0257
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.05	24.17	27.12	30.02	1.0046
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	22.93	24.23	26.64	29.54	0.8995
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.2	24.29	27.26	30.16	1.0375
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.06	24.21	27.15	30.05	1.0116
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	24.31	24.19	27.26	30.16	1.0375
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.23	24.21	27.23	30.13	1.0304
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.11	24.2	27.17	30.07	1.0162
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	24.35	24.27	27.32	30.22	1.0520

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NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	25.74	28.84	0.7656
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	25.75	28.85	0.7674
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	24.63	27.73	0.5929
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.04	29.14	0.8204
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.05	29.15	0.8222
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.02	28.12	0.6486
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	26.17	29.27	0.8453
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.18	29.28	0.8472
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	25.17	28.27	0.6714
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	25.81	28.91	0.7780
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	25.81	28.91	0.7780
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	24.74	27.84	0.6081
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.03	29.13	0.8185
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.91	29.01	0.7962
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.96	28.06	0.6397
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	26.1	29.2	0.8318
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	26.1	29.2	0.8318
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	25.19	28.29	0.6745
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	25.77	28.87	0.7709
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	25.69	28.79	0.7568
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	24.69	27.79	0.6012
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.93	29.03	0.7998
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.88	28.98	0.7907
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.91	28.01	0.6324
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	26.13	29.23	0.8375
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.12	29.22	0.8356
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.06	28.16	0.6546
41	30	25	501702	2508.51	DFT-s-OFDM PI/2 BPSK	1@1	25.94	29.04	0.8017
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	25.98	29.08	0.8091
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	24.89	27.99	0.6295
41	30	25	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.09	29.19	0.8299
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.13	29.23	0.8375
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.03	28.13	0.6501
41	30	25	535500	2677.5	DFT-s-OFDM PI/2 BPSK	1@1	26.1	29.2	0.8318
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	26.13	29.23	0.8375
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	25.29	28.39	0.6902
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	25.83	28.93	0.7816
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	25.89	28.99	0.7925
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24.78	27.88	0.6138
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.09	29.19	0.8299

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.98	29.08	0.8091
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.1	28.2	0.6607
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	26.22	29.32	0.8551
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.23	29.33	0.8570
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.14	28.24	0.6668
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	25.74	28.84	0.7656
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	25.66	28.76	0.7516
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	24.74	27.84	0.6081
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.97	29.07	0.8072
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.78	28.88	0.7727
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.87	27.97	0.6266
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	26.06	29.16	0.8241
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	25.99	29.09	0.8110
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.01	28.11	0.6471
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	25.94	29.04	0.8017
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	25.83	28.93	0.7816
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.91	28.01	0.6324
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.14	29.24	0.8395
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.04	29.14	0.8204
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.04	28.14	0.6516
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	26.2	29.3	0.8511
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	26.11	29.21	0.8337
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.17	28.27	0.6714
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	25.87	28.97	0.7889
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	25.84	28.94	0.7834
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	24.7	27.8	0.6026
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.95	29.05	0.8035
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.94	29.04	0.8017
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.94	28.04	0.6368
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	26.09	29.19	0.8299
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.97	29.07	0.8072
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.91	28.01	0.6324
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	25.74	28.84	0.7656
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.78	28.88	0.7727
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.83	27.93	0.6209
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.94	29.04	0.8017
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.96	29.06	0.8054
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.08	28.18	0.6577
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	1@1	25.99	29.09	0.8110
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	26.01	29.11	0.8147
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	25.02	28.12	0.6486

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	25.89	28.99	0.7925
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.88	28.98	0.7907
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.9	28	0.6310
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.02	29.12	0.8166
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.06	29.16	0.8241
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.02	28.12	0.6486
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	26.11	29.21	0.8337
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	26.09	29.19	0.8299
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25	28.1	0.6457
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	25.9	29	0.7943
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.85	28.95	0.7852
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.88	27.98	0.6281
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.07	29.17	0.8260
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.99	29.09	0.8110
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.01	28.11	0.6471
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	26.01	29.11	0.8147
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.95	29.05	0.8035
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.97	28.07	0.6412
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	26.15	29.25	0.8414
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	26.08	29.18	0.8279
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	25.17	28.27	0.6714
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.21	29.31	0.8531
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.24	29.34	0.8590
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.31	28.41	0.6934
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	26.09	29.19	0.8299
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	26.12	29.22	0.8356
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.25	28.35	0.6839

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NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM PI/2 BPSK	1@1	23.95	24.1	27.04	30.14	1.0328
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	23.98	23.94	26.97	30.07	1.0162
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	16.91	24.11	24.87	27.97	0.6266
41	30	10	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.32	24.38	27.36	30.46	1.1117
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.18	24.36	27.28	30.38	1.0914
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.24	24.36	27.31	30.41	1.0990
41	30	10	537000	2685	DFT-s-OFDM PI/2 BPSK	1@1	24.48	24.26	27.38	30.48	1.1169
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	24.37	24.22	27.31	30.41	1.0990
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	24.31	24.35	27.34	30.44	1.1066
41	30	15	500700	2503.5	DFT-s-OFDM PI/2 BPSK	1@1	23.99	23.95	26.98	30.08	1.0186
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	23.89	23.89	26.90	30	1.0000
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	23.04	24.05	26.58	29.68	0.9290
41	30	15	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.19	24.18	27.20	30.3	1.0715
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.09	24.22	27.17	30.27	1.0641
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.25	24.34	27.31	30.41	1.0990
41	30	15	536496	2682.48	DFT-s-OFDM PI/2 BPSK	1@1	24.36	24.07	27.23	30.33	1.0789
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	24.23	24.02	27.14	30.24	1.0568
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	24.47	24.12	27.31	30.41	1.0990
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	23.92	23.93	26.94	30.04	1.0093
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	23.93	23.88	26.92	30.02	1.0046
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	21.85	23.93	26.02	29.12	0.8166
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.1	24.16	27.14	30.24	1.0568
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	23.99	24.17	27.09	30.19	1.0447
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.12	24.27	27.21	30.31	1.0740
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.28	24.03	27.17	30.27	1.0641
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.21	23.99	27.11	30.21	1.0495
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	24.22	24.07	27.16	30.26	1.0617
41	30	25	501702	2508.51	DFT-s-OFDM PI/2 BPSK	1@1	24.02	24.11	27.08	30.18	1.0423
41	30	25	501702	2508.51	DFT-s-OFDM QPSK	1@1	23.97	24.06	27.03	30.13	1.0304
41	30	25	501702	2508.51	DFT-s-OFDM 16 QAM	1@1	23.94	23.99	26.98	30.08	1.0186
41	30	25	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.25	24.42	27.35	30.45	1.1092
41	30	25	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.16	24.34	27.26	30.36	1.0864
41	30	25	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	24.46	27.33	30.43	1.1041

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	25	535500	2677.5	DFT-s-OFDM PI/2 BPSK	1@1	24.48	24.24	27.37	30.47	1.1143
41	30	25	535500	2677.5	DFT-s-OFDM QPSK	1@1	24.4	24.16	27.29	30.39	1.0940
41	30	25	535500	2677.5	DFT-s-OFDM 16 QAM	1@1	24.58	24.3	27.45	30.55	1.1350
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	23.97	24.04	27.02	30.12	1.0280
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	23.95	24.03	27.00	30.1	1.0233
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	24	24.15	27.09	30.19	1.0447
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.22	24.29	27.27	30.37	1.0889
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.07	24.34	27.22	30.32	1.0765
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.18	24.35	27.28	30.38	1.0914
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	24.3	24.15	27.24	30.34	1.0814
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.32	24.09	27.22	30.32	1.0765
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	24.35	24.15	27.26	30.36	1.0864
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	23.91	24.02	26.98	30.08	1.0186
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	23.82	23.96	26.90	30	1.0000
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	23.95	24.06	27.02	30.12	1.0280
41	30	40	518598	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.13	24.33	27.24	30.34	1.0814
41	30	40	518598	2595	DFT-s-OFDM QPSK	1@1	24.16	24.36	27.27	30.37	1.0889
41	30	40	518598	2595	DFT-s-OFDM 16 QAM	1@1	24.14	24.62	27.40	30.5	1.1220
41	30	40	534000	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	24.11	24.25	27.19	30.29	1.0691
41	30	40	534000	2516.01	DFT-s-OFDM QPSK	1@1	24.07	24.25	27.17	30.27	1.0641
41	30	40	534000	2516.01	DFT-s-OFDM 16 QAM	1@1	24.13	24.29	27.22	30.32	1.0765
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	24.17	24.16	27.18	30.28	1.0666
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	23.95	24.09	27.03	30.13	1.0304
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	24.07	24.21	27.15	30.25	1.0593
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.29	24.42	27.37	30.47	1.1143
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.19	24.25	27.23	30.33	1.0789
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.14	24.36	27.26	30.36	1.0864
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	24.3	24.29	27.31	30.41	1.0990
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.22	24.21	27.23	30.33	1.0789
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.36	24.27	27.33	30.43	1.1041
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	23.97	24.1	27.05	30.15	1.0351
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	23.93	24.02	26.99	30.09	1.0209
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	23.97	24.07	27.03	30.13	1.0304
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.29	23.98	27.15	30.25	1.0593

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	60	518598	2526	DFT-s-OFDM QPSK	1@1	24.02	24.09	27.07	30.17	1.0399
41	30	60	518598	2526	DFT-s-OFDM 16 QAM	1@1	24.12	24.32	27.23	30.33	1.0789
41	30	60	531996	2526	DFT-s-OFDM PI/2 BPSK	1@1	24.21	24.34	27.29	30.39	1.0940
41	30	60	531996	2526	DFT-s-OFDM QPSK	1@1	24.23	24.36	27.31	30.41	1.0990
41	30	60	531996	2526	DFT-s-OFDM 16 QAM	1@1	24.28	24.55	27.43	30.53	1.1298
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	23.63	23.69	26.67	29.77	0.9484
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	23.91	23.96	26.95	30.05	1.0116
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.11	24.37	27.25	30.35	1.0839
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.11	24.25	27.19	30.29	1.0691
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.11	24.2	27.17	30.27	1.0641
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.05	24.27	27.17	30.27	1.0641
41	30	70	531996	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.15	24.32	27.25	30.35	1.0839
41	30	70	531996	2592.99	DFT-s-OFDM QPSK	1@1	24.18	24.31	27.26	30.36	1.0864
41	30	70	531996	2592.99	DFT-s-OFDM 16 QAM	1@1	24.09	24.26	27.19	30.29	1.0691
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	24.11	24.15	27.14	30.24	1.0568
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24	24.12	27.07	30.17	1.0399
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.89	24.07	26.99	30.09	1.0209
41	30	80	518598	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.31	24.49	27.41	30.51	1.1246
41	30	80	518598	2595	DFT-s-OFDM QPSK	1@1	24.31	24.47	27.40	30.5	1.1220
41	30	80	518598	2595	DFT-s-OFDM 16 QAM	1@1	24.06	24.34	27.21	30.31	1.0740
41	30	80	529998	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	23.9	23.94	26.93	30.03	1.0069
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.25	24.33	27.30	30.4	1.0965
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.23	24.23	27.24	30.34	1.0814
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	24.04	24.15	27.11	30.21	1.0495
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.01	24.16	27.10	30.2	1.0471
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.04	24.09	27.08	30.18	1.0423
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.14	24.33	27.25	30.35	1.0839
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.16	24.3	27.24	30.34	1.0814
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.08	24.19	27.15	30.25	1.0593
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.25	24.31	27.29	30.39	1.0940
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.1	24.4	27.26	30.36	1.0864
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24	24.15	27.09	30.19	1.0447
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.22	24.21	27.23	30.33	1.0789
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.08	24.3	27.20	30.3	1.0715

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT7 Power(dBm)	ANT1 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.23	24.33	27.29	30.39	1.0940
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.41	24.48	27.46	30.56	1.1376
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.24	24.51	27.39	30.49	1.1194
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.38	24.45	27.43	30.53	1.1298
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	24.46	24.29	27.39	30.49	1.1194
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	24.45	24.21	27.34	30.44	1.1066
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.53	24.33	27.44	30.54	1.1324

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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 PI/2 BPSK	1@1	23.13	26.27	0.4236
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.15	26.29	0.4256
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.56	25.7	0.3715
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.34	26.48	0.4446
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.3	26.44	0.4406
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.66	25.8	0.3802
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.2	26.34	0.4305
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.27	26.41	0.4375
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.64	25.78	0.3784
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	23.24	26.38	0.4345
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.33	26.47	0.4436
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	22.62	25.76	0.3767
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.43	26.57	0.4539
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.38	26.52	0.4487
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.8	25.94	0.3926
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	23.29	26.43	0.4395
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.35	26.49	0.4457
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	22.64	25.78	0.3784
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.31	26.45	0.4416
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.28	26.42	0.4385
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.65	25.79	0.3793
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.37	26.51	0.4477
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.35	26.49	0.4457
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.76	25.9	0.3890
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.3	26.44	0.4406
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.3	26.44	0.4406
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.66	25.8	0.3802
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	23.18	26.32	0.4285
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.17	26.31	0.4276

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	22.52	25.66	0.3681
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.27	26.41	0.4375
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.28	26.42	0.4385
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.56	25.7	0.3715
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.33	26.47	0.4436
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.36	26.5	0.4467
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	22.54	25.68	0.3698
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@1	23.29	26.43	0.4395
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.32	26.46	0.4426
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	22.6	25.74	0.3750
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.41	26.55	0.4519
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.49	26.63	0.4603
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.72	25.86	0.3855
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@1	23.36	26.5	0.4467
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.5	26.64	0.4613
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	22.76	25.9	0.3890
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	23.35	26.49	0.4457
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.44	26.58	0.4550
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	22.56	25.7	0.3715
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.36	26.5	0.4467
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.41	26.55	0.4519
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.68	25.82	0.3819
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	23.35	26.49	0.4457
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.35	26.49	0.4457
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	22.78	25.92	0.3908
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.29	26.43	0.4395
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.13	26.27	0.4236
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	22.69	25.83	0.3828
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.31	26.45	0.4416
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.27	26.41	0.4375
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.69	25.83	0.3828
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.51	26.65	0.4624
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.25	26.39	0.4355
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	22.66	25.8	0.3802

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NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	21.13	21.31	24.23	27.37	0.5458
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	21.19	21.3	24.26	27.4	0.5495
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.28	21.49	24.40	27.54	0.5675
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.3	21.45	24.39	27.53	0.5662
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	21.26	21.34	24.31	27.45	0.5559
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.43	21.55	24.50	27.64	0.5808
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	21.27	21	24.15	27.29	0.5358
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	21.17	21.01	24.10	27.24	0.5297
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.29	21.21	24.26	27.4	0.5495
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	21.33	21.52	24.44	27.58	0.5728
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	21.26	21.38	24.33	27.47	0.5585
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	21.22	21.54	24.39	27.53	0.5662
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.43	21.54	24.50	27.64	0.5808
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	21.4	21.47	24.45	27.59	0.5741
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.44	21.59	24.53	27.67	0.5848
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	21.27	21.29	24.29	27.43	0.5534
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	21.34	21.24	24.30	27.44	0.5546
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	21.37	21.19	24.29	27.43	0.5534
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	21.21	21.52	24.38	27.52	0.5649
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	21.23	21.4	24.33	27.47	0.5585
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	21.3	21.53	24.43	27.57	0.5715
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.47	21.54	24.52	27.66	0.5834
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	21.4	21.49	24.46	27.6	0.5754
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.49	21.56	24.54	27.68	0.5861
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	21.38	21.29	24.35	27.49	0.5610
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	21.23	21.33	24.29	27.43	0.5534
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.39	21.31	24.36	27.5	0.5623
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	21.16	21.31	24.25	27.39	0.5483
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	21.1	21.34	24.23	27.37	0.5458
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	21.17	21.49	24.34	27.48	0.5598
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.38	21.35	24.38	27.52	0.5649
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	21.33	21.32	24.34	27.48	0.5598

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.39	21.46	24.44	27.58	0.5728
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	21.26	21.31	24.30	27.44	0.5546
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	21.26	21.27	24.28	27.42	0.5521
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	21.35	21.34	24.36	27.5	0.5623
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@1	21.27	21.51	24.40	27.54	0.5675
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	21.19	21.41	24.31	27.45	0.5559
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	21.34	21.57	24.47	27.61	0.5768
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.44	21.47	24.47	27.61	0.5768
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	21.35	21.46	24.42	27.56	0.5702
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.52	21.53	24.54	27.68	0.5861
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@1	21.44	21.44	24.45	27.59	0.5741
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	21.37	21.43	24.41	27.55	0.5689
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	21.44	21.57	24.52	27.66	0.5834
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	21.29	21.56	24.44	27.58	0.5728
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	21.23	21.51	24.38	27.52	0.5649
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	21.37	21.56	24.48	27.62	0.5781
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.44	21.57	24.52	27.66	0.5834
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	21.31	21.59	24.46	27.6	0.5754
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.43	21.55	24.50	27.64	0.5808
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	21.36	21.47	24.43	27.57	0.5715
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	21.31	21.43	24.38	27.52	0.5649
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	21.42	21.59	24.52	27.66	0.5834
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	21.25	21.49	24.38	27.52	0.5649
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	21.17	21.38	24.29	27.43	0.5534
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	21.48	21.58	24.54	27.68	0.5861
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	21.36	21.45	24.42	27.56	0.5702
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	21.17	21.44	24.32	27.46	0.5572
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.36	21.58	24.48	27.62	0.5781
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	21.31	21.45	24.39	27.53	0.5662
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	21.26	21.43	24.36	27.5	0.5623
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	21.33	21.57	24.46	27.6	0.5754

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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 PI/2 BPSK	1@1	22.44	25.58	0.3614
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	22.43	25.57	0.3606
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	21.55	24.69	0.2944
70	15	5	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	22.46	25.6	0.3631
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.55	25.69	0.3707
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.65	24.79	0.3013
70	15	5	341500	1707.5	DFT-s-OFDM PI/2 BPSK	1@1	22.38	25.52	0.3565
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	22.37	25.51	0.3556
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	21.57	24.71	0.2958
70	15	10	340000	1700	DFT-s-OFDM PI/2 BPSK	1@1	22.57	25.71	0.3724
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	22.61	25.75	0.3758
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	21.63	24.77	0.2999
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	22.5	25.64	0.3664
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.46	25.6	0.3631
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.64	24.78	0.3006
70	15	10	341000	1705	DFT-s-OFDM PI/2 BPSK	1@1	22.59	25.73	0.3741
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	22.57	25.71	0.3724
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	21.63	24.77	0.2999
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	22.51	25.65	0.3673
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	22.62	25.76	0.3767
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	21.52	24.66	0.2924

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NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
70	15	5	339500	1697.5	CP-s-OFDM QPSK	1@1	18.66	19.04	21.86	25.00	0.3162
70	15	5	339500	1697.5	CP-s-OFDM 16 QAM	1@1	18.02	18.44	21.25	24.39	0.2748
70	15	5	340500	1702.5	CP-s-OFDM QPSK	1@1	18.76	19.23	22.01	25.15	0.3273
70	15	5	340500	1702.5	CP-s-OFDM 16 QAM	1@1	17.83	18.61	21.25	24.39	0.2748
70	15	5	341500	1707.5	CP-s-OFDM QPSK	1@1	18.76	19.18	21.99	25.13	0.3258
70	15	5	341500	1707.5	CP-s-OFDM 16 QAM	1@1	18.04	18.36	21.21	24.35	0.2723
70	15	10	340000	1700	CP-s-OFDM QPSK	1@1	18.56	19.2	21.90	25.04	0.3192
70	15	10	340000	1700	CP-s-OFDM 16 QAM	1@1	17.82	18.6	21.24	24.38	0.2742
70	15	10	340500	1702.5	CP-s-OFDM QPSK	1@1	18.67	18.98	21.84	24.98	0.3148
70	15	10	340500	1702.5	CP-s-OFDM 16 QAM	1@1	18.15	18.35	21.26	24.40	0.2754
70	15	10	341000	1705	CP-s-OFDM QPSK	1@1	18.49	18.84	21.68	24.82	0.3034
70	15	10	341000	1705	CP-s-OFDM 16 QAM	1@1	17.95	18.52	21.25	24.39	0.2748
70	15	15	340500	1702.5	CP-s-OFDM QPSK	1@1	18.87	19.19	22.04	25.18	0.3296
70	15	15	340500	1702.5	CP-s-OFDM 16 QAM	1@1	18.13	18.45	21.30	24.44	0.2780

5G NR n71

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 PI/2 BPSK	1@1	22.97	23.76	0.2377
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	22.68	23.47	0.2223
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	21.56	22.35	0.1718
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.18	23.97	0.2495
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	22.69	23.48	0.2228
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.75	22.54	0.1795
71	15	5	139100	695.5	DFT-s-OFDM PI/2 BPSK	1@1	23.2	23.99	0.2506
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	22.82	23.61	0.2296
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	21.85	22.64	0.1837
71	15	10	133600	668	DFT-s-OFDM PI/2 BPSK	1@1	23.09	23.88	0.2443
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	22.68	23.47	0.2223
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	21.57	22.36	0.1722
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.24	24.03	0.2529
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	22.73	23.52	0.2249
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.81	22.6	0.1820
71	15	10	138600	693	DFT-s-OFDM PI/2 BPSK	1@1	23.26	24.05	0.2541
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	22.87	23.66	0.2323
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	21.84	22.63	0.1832
71	15	15	134100	670.5	DFT-s-OFDM PI/2 BPSK	1@1	23.12	23.91	0.2460
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	22.65	23.44	0.2208
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	21.67	22.46	0.1762
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.25	24.04	0.2535
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	22.65	23.44	0.2208
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.66	22.45	0.1758
71	15	15	138100	690.5	DFT-s-OFDM PI/2 BPSK	1@1	23.24	24.03	0.2529
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	22.78	23.57	0.2275
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	21.79	22.58	0.1811
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	23.04	23.83	0.2415
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	22.71	23.5	0.2239
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.64	22.43	0.1750
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.08	23.87	0.2438
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	22.73	23.52	0.2249
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.67	22.46	0.1762
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.27	24.06	0.2547
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	22.8	23.59	0.2286
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	21.75	22.54	0.1795

5G NR n71 UL MIMO

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT1 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	ERP(dBm)	ERP(W)
71	15	5	133100	665.5	DFT-s-OFDM PI/2 BPSK	1@1	22.98	23.36	26.18	26.97	0.4977
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	22.55	22.81	25.69	26.48	0.4446
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	21.71	21.91	24.82	25.61	0.3639
71	15	5	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.22	23.2	26.22	27.01	0.5023
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	22.77	22.74	25.77	26.56	0.4529
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.84	21.84	24.85	25.64	0.3664
71	15	5	139100	695.5	DFT-s-OFDM PI/2 BPSK	1@1	23.32	23.56	26.45	27.24	0.5297
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	22.87	23.11	26.00	26.79	0.4775
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	21.94	22.15	25.06	25.85	0.3846
71	15	10	133600	668	DFT-s-OFDM PI/2 BPSK	1@1	23.04	23.38	26.22	27.01	0.5023
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	22.64	22.85	25.76	26.55	0.4519
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	21.63	21.88	24.77	25.56	0.3597
71	15	10	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.2	23.19	26.21	27.00	0.5012
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	22.76	22.76	25.77	26.56	0.4529
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.62	21.75	24.70	25.49	0.3540
71	15	10	138600	693	DFT-s-OFDM PI/2 BPSK	1@1	23.21	23.51	26.37	27.16	0.5200
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	22.85	23.03	25.95	26.74	0.4721
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	21.85	22.04	24.96	25.75	0.3758
71	15	15	134100	670.5	DFT-s-OFDM PI/2 BPSK	1@1	23	23.39	26.21	27.00	0.5012
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	22.64	22.94	25.80	26.59	0.4560
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	21.62	21.92	24.78	25.57	0.3606
71	15	15	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.1	23.22	26.17	26.96	0.4966
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	22.66	22.84	25.76	26.55	0.4519
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.62	21.84	24.74	25.53	0.3573
71	15	15	138100	690.5	DFT-s-OFDM PI/2 BPSK	1@1	23.36	23.42	26.40	27.19	0.5236
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	22.81	23.06	25.95	26.74	0.4721
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	21.84	22.09	24.98	25.77	0.3776
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	23.15	23.56	26.37	27.16	0.5200
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	22.81	23.13	25.98	26.77	0.4753
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.8	22.07	24.95	25.74	0.3750
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.28	23.35	26.33	27.12	0.5152
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	22.85	22.99	25.93	26.72	0.4699
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.83	22.01	24.93	25.72	0.3733
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.39	23.51	26.46	27.25	0.5309
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	22.95	23.06	26.02	26.81	0.4797
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	21.94	22.03	25.00	25.79	0.3793

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25℃
		Relative Humidity :	48~52%

5G NR n2 SA / NR 20MHz / BPSK / ANT1									
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)
Lowest	3701.6	-55.45	-13	-42.45	-73.91	-62.21	5.82	12.58	H
	5552.4	-56.01	-13	-43.01	-78.29	-61.73	7.28	13.00	H
	7403.2	-54.53	-13	-41.53	-81.59	-57.69	8.32	11.48	H
	3701.6	-48.34	-13	-35.34	-66.7	-55.10	5.82	12.58	V
	5552.4	-52.49	-13	-39.49	-74.95	-58.21	7.28	13.00	V
	7403.2	-54.29	-13	-41.29	-81.37	-57.45	8.32	11.48	V
Middle	3741.6	-57.56	-13	-44.56	-76.14	-64.31	5.85	12.60	H
	5612.4	-56.82	-13	-43.82	-79.21	-62.62	7.30	13.10	H
	7483.2	-54.54	-13	-41.54	-81.47	-57.69	8.35	11.50	H
	3741.6	-51.14	-13	-38.14	-69.64	-57.89	5.85	12.60	V
	5612.4	-55.35	-13	-42.35	-77.93	-61.15	7.30	13.10	V
	7483.2	-54.83	-13	-41.83	-81.75	-57.98	8.35	11.50	V
Highest	3781.6	-57.89	-13	-44.89	-76.60	-64.63	5.88	12.62	H
	5672.4	-55.21	-13	-42.21	-78.52	-61.02	7.32	13.13	H
	7563.2	-54.41	-13	-41.41	-81.11	-57.57	8.38	11.54	H
	3781.6	-53.86	-13	-40.86	-72.54	-60.60	5.88	12.62	V
	5672.4	-53.51	-13	-40.51	-76.3	-59.32	7.32	13.13	V
	7563.2	-54.75	-13	-41.75	-81.42	-57.91	8.38	11.54	V

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

5G NR n2 UL_MIMO / NR 20MHz / BPSK / ANT1+ANT7									
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)
Lowest	3701.6	-59.69	-13	-46.69	-78.15	-66.45	5.82	12.58	H
	5552.4	-59.97	-13	-46.97	-82.25	-65.69	7.28	13.00	H
	7403.2	-55.10	-13	-42.10	-82.16	-58.26	8.32	11.48	H
	3701.6	-54.08	-13	-41.08	-72.44	-60.84	5.82	12.58	V
	5552.4	-59.32	-13	-46.32	-81.78	-65.04	7.28	13.00	V
	7403.2	-55.49	-13	-42.49	-82.57	-58.65	8.32	11.48	V
Middle	3741.6	-59.64	-13	-46.64	-78.22	-66.39	5.85	12.60	H
	5612.4	-58.94	-13	-45.94	-81.33	-64.74	7.30	13.10	H
	7483.2	-54.82	-13	-41.82	-81.75	-57.97	8.35	11.50	H
	3741.6	-56.89	-13	-43.89	-75.39	-63.64	5.85	12.60	V
	5612.4	-59.09	-13	-46.09	-81.67	-64.89	7.30	13.10	V
	7483.2	-54.93	-13	-41.93	-81.85	-58.08	8.35	11.50	V
Highest	3781.6	-58.95	-13	-45.95	-77.66	-65.69	5.88	12.62	H
	5672.4	-58.77	-13	-45.77	-82.08	-64.58	7.32	13.13	H
	7563.2	-55.08	-13	-42.08	-81.78	-58.24	8.38	11.54	H
	3781.6	-56.34	-13	-43.34	-75.02	-63.08	5.88	12.62	V
	5672.4	-58.81	-13	-45.81	-81.6	-64.62	7.32	13.13	V
	7563.2	-55.28	-13	-42.28	-81.95	-58.44	8.38	11.54	V

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

5G NR n25 SA / NR 20MHz / BPSK / ANT1									
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)
Lowest	3701.6	-55.14	-13	-42.14	-73.60	-61.90	5.82	12.58	H
	5552.4	-56.46	-13	-43.46	-78.74	-62.18	7.28	13.00	H
	7403.2	-54.66	-13	-41.66	-81.72	-57.82	8.32	11.48	H
	3701.6	-48.17	-13	-35.17	-66.53	-54.93	5.82	12.58	V
	5552.4	-53.43	-13	-40.43	-75.89	-59.15	7.28	13.00	V
	7403.2	-54.72	-13	-41.72	-81.8	-57.88	8.32	11.48	V
Middle	3746.6	-57.45	-13	-44.45	-76.07	-64.20	5.85	12.60	H
	5619.9	-56.90	-13	-43.90	-79.73	-62.70	7.30	13.10	H
	7493.2	-54.59	-13	-41.59	-81.49	-57.74	8.35	11.50	H
	3746.6	-50.67	-13	-37.67	-69.22	-57.42	5.85	12.60	V
	5619.9	-54.08	-13	-41.08	-76.63	-59.88	7.30	13.10	V
	7493.2	-54.67	-13	-41.67	-81.56	-57.82	8.35	11.50	V
Highest	3791.6	-56.64	-13	-43.64	-75.37	-63.38	5.88	12.62	H
	5687.4	-54.65	-13	-41.65	-77.98	-60.46	7.32	13.13	H
	7583.2	-54.67	-13	-41.67	-81.32	-57.83	8.38	11.54	H
	3791.6	-52.77	-13	-39.77	-71.47	-59.51	5.88	12.62	V
	5687.4	-53.45	-13	-40.45	-76.38	-59.26	7.32	13.13	V
	7583.2	-54.48	-13	-41.48	-81.09	-57.64	8.38	11.54	V

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

5G NR n25 UL_MIMO / NR 20MHz / BPSK / ANT1									
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)
Lowest	3701.6	-59.95	-13	-46.95	-78.41	-66.71	5.82	12.58	H
	5552.4	-60.07	-13	-47.07	-82.35	-65.79	7.28	13.00	H
	7403.2	-55.18	-13	-42.18	-82.24	-58.34	8.32	11.48	H
	3701.6	-53.97	-13	-40.97	-72.33	-60.73	5.82	12.58	V
	5552.4	-59.93	-13	-46.93	-82.39	-65.65	7.28	13.00	V
	7403.2	-55.50	-13	-42.50	-82.58	-58.66	8.32	11.48	V
Middle	3746.6	-59.01	-13	-46.01	-77.63	-65.76	5.85	12.60	H
	5619.9	-59.54	-13	-46.54	-82.37	-65.34	7.30	13.10	H
	7493.2	-55.56	-13	-42.56	-82.46	-58.71	8.35	11.50	H
	3746.6	-56.63	-13	-43.63	-75.18	-63.38	5.85	12.60	V
	5619.9	-59.54	-13	-46.54	-82.09	-65.34	7.30	13.10	V
	7493.2	-55.68	-13	-42.68	-82.57	-58.83	8.35	11.50	V
Highest	3791.6	-58.42	-13	-45.42	-77.15	-65.16	5.88	12.62	H
	5687.4	-59.41	-13	-46.41	-82.74	-65.22	7.32	13.13	H
	7583.2	-55.67	-13	-42.67	-82.32	-58.83	8.38	11.54	H
	3791.6	-55.65	-13	-42.65	-74.35	-62.39	5.88	12.62	V
	5687.4	-59.71	-13	-46.71	-82.64	-65.52	7.32	13.13	V
	7583.2	-55.69	-13	-42.69	-82.3	-58.85	8.38	11.54	V

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

EN-DC_48A_n2A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1									
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 n2 Middle	3741.6	-61.09	-13	-48.09	-57.43	-67.84	5.85	12.60	H
	5612.4	-62.13	-13	-49.13	-62.90	-67.93	7.30	13.10	H
	7483.2	-60.36	-13	-47.36	-66.49	-63.51	8.35	11.50	H
	3741.6	-62.70	-13	-49.70	-58.96	-69.45	5.85	12.60	V
	5612.4	-61.67	-13	-48.67	-62.63	-67.47	7.30	13.10	V
	7483.2	-60.12	-13	-47.12	-66.24	-63.27	8.35	11.50	V
LTE Band48 Middle	7241.00	-60.10	-40	-20.10	-66.15	-63.40	8.30	11.60	H
	10861.50	-55.02	-40	-15.02	-68.44	-56.54	10.48	12.00	H
	14482.00	-50.78	-40	-10.78	-68.42	-52.48	11.80	13.50	H
	7241.00	-59.66	-40	-19.66	-66.02	-62.96	8.30	11.60	V
	10861.50	-55.54	-40	-15.54	-68.6	-57.06	10.48	12.00	V
	14482.00	-51.54	-40	-11.54	-68.59	-53.24	11.80	13.50	V

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

EN-DC_7A_n25A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1									
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	3746.6	-61.44	-13	-48.44	-80.06	-68.19	5.85	12.60	H
	5619.9	-59.11	-13	-46.11	-81.94	-64.91	7.30	13.10	H
	7493.2	-55.18	-13	-42.18	-82.08	-58.33	8.35	11.50	H
	3746.6	-61.63	-13	-48.63	-80.18	-68.38	5.85	12.60	V
	5619.9	-59.51	-13	-46.51	-82.06	-65.31	7.30	13.10	V
	7493.2	-55.21	-13	-42.21	-82.1	-58.36	8.35	11.50	V
LTE Band7 Middle	5061.00	-58.07	-25	-33.07	-80.05	-63.63	7.14	12.70	H
	7591.50	-55.20	-25	-30.20	-81.81	-58.50	8.30	11.60	H
	10122.00	-50.49	-25	-25.49	-81.87	-52.01	10.48	12.00	H
	5061.00	-52.77	-25	-27.77	-74.89	-58.33	7.14	12.70	V
	7591.50	-55.12	-25	-30.12	-81.68	-58.42	8.30	11.60	V
	10122.00	-51.69	-25	-26.69	-81.7	-53.21	10.48	12.00	V

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

5G NR n5 SA / NR 20MHz / BPSK / ANT1									
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)
Lowest	1649.6	-65.96	-13	-52.96	-75.88	-69.19	3.98	9.36	H
	2474.4	-63.27	-13	-50.27	-77.74	-66.82	4.85	10.55	H
	3299.2	-62.00	-13	-49.00	-78.50	-66.93	5.50	12.58	H
	1649.6	-66.49	-13	-53.49	-76.15	-69.72	3.98	9.36	V
	2474.4	-63.29	-13	-50.29	-77.73	-66.84	4.85	10.55	V
	3299.2	-62.32	-13	-49.32	-78.63	-67.25	5.50	12.58	V
Middle	1654.6	-65.61	-13	-52.61	-75.54	-68.86	4.00	9.40	H
	2481.9	-63.27	-13	-50.27	-77.75	-66.84	4.88	10.60	H
	3309.2	-61.84	-13	-48.84	-78.17	-66.77	5.52	12.60	H
	1654.6	-66.13	-13	-53.13	-75.66	-69.38	4.00	9.40	V
	2481.9	-63.41	-13	-50.41	-77.86	-66.98	4.88	10.60	V
	3309.2	-61.98	-13	-48.98	-78.09	-66.91	5.52	12.60	V
Highest	1659.6	-65.82	-13	-52.82	-75.76	-68.99	4.10	9.42	H
	2489.4	-63.27	-13	-50.27	-77.71	-66.85	4.90	10.63	H
	3319.2	-62.30	-13	-49.30	-78.63	-67.22	5.55	12.62	H
	1659.6	-65.74	-13	-52.74	-75.28	-68.91	4.10	9.42	V
	2489.4	-63.23	-13	-50.23	-77.63	-66.81	4.90	10.63	V
	3319.2	-62.78	-13	-49.78	-78.89	-67.70	5.55	12.62	V

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

5G NR n5 UL MIMO / NR 20MHz / BPSK / ANT1+7									
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)
Lowest	1649.6	-65.43	-13	-52.43	-75.35	-68.66	3.98	9.36	H
	2474.4	-63.27	-13	-50.27	-77.74	-66.82	4.85	10.55	H
	3299.2	-62.02	-13	-49.02	-78.52	-66.95	5.50	12.58	H
	1649.6	-65.82	-13	-52.82	-75.48	-69.05	3.98	9.36	V
	2474.4	-63.42	-13	-50.42	-77.86	-66.97	4.85	10.55	V
	3299.2	-62.24	-13	-49.24	-78.55	-67.17	5.50	12.58	V
Middle	1654.6	-64.95	-13	-51.95	-74.88	-68.20	4.00	9.40	H
	2481.9	-63.43	-13	-50.43	-77.91	-67.00	4.88	10.60	H
	3309.2	-62.28	-13	-49.28	-78.61	-67.21	5.52	12.60	H
	1654.6	-63.72	-13	-50.72	-73.25	-66.97	4.00	9.40	V
	2481.9	-63.60	-13	-50.60	-78.05	-67.17	4.88	10.60	V
	3309.2	-62.07	-13	-49.07	-78.18	-67.00	5.52	12.60	V
Highest	1659.6	-65.55	-13	-52.55	-75.49	-68.72	4.10	9.42	H
	2489.4	-63.25	-13	-50.25	-77.69	-66.83	4.90	10.63	H
	3319.2	-62.56	-13	-49.56	-78.89	-67.48	5.55	12.62	H
	1659.6	-63.68	-13	-50.68	-73.22	-66.85	4.10	9.42	V
	2489.4	-63.43	-13	-50.43	-77.83	-67.01	4.90	10.63	V
	3319.2	-62.35	-13	-49.35	-78.46	-67.27	5.55	12.62	V

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

5G NR n26 SA / NR 20MHz / BPSK / ANT1									
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)
Lowest	1649.6	-65.79	-13	-52.79	-75.71	-69.02	3.98	9.36	H
	2474.4	-63.36	-13	-50.36	-77.83	-66.91	4.85	10.55	H
	3299.2	-62.29	-13	-49.29	-78.79	-67.22	5.50	12.58	H
	1649.6	-66.50	-13	-53.50	-76.16	-69.73	3.98	9.36	V
	2474.4	-63.20	-13	-50.20	-77.64	-66.75	4.85	10.55	V
	3299.2	-62.19	-13	-49.19	-78.50	-67.12	5.50	12.58	V
Middle	1654.6	-65.18	-13	-52.18	-75.11	-68.43	4.00	9.40	H
	2481.9	-63.23	-13	-50.23	-77.71	-66.80	4.88	10.60	H
	3309.2	-62.12	-13	-49.12	-78.45	-67.05	5.52	12.60	H
	1654.6	-66.58	-13	-53.58	-76.11	-69.83	4.00	9.40	V
	2481.9	-63.11	-13	-50.11	-77.56	-66.68	4.88	10.60	V
	3309.2	-62.25	-13	-49.25	-78.36	-67.18	5.52	12.60	V
Highest	1659.6	-65.13	-13	-52.13	-75.07	-68.30	4.10	9.42	H
	2489.4	-63.09	-13	-50.09	-77.53	-66.67	4.90	10.63	H
	3319.2	-62.70	-13	-49.70	-79.03	-67.62	5.55	12.62	H
	1659.6	-65.71	-13	-52.71	-75.25	-68.88	4.10	9.42	V
	2489.4	-63.25	-13	-50.25	-77.65	-66.83	4.90	10.63	V
	3319.2	-62.68	-13	-49.68	-78.79	-67.60	5.55	12.62	V

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

EN-DC_48A_n5A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1									
Channel	Frequency (MHz)	ERP/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 n5 Middle	1654.6	-43.75	-13	-30.75	-33.16	-47.00	4.00	9.40	H
	2481.9	-66.70	-13	-53.70	-59.71	-70.27	4.88	10.60	H
	3309.2	-66.72	-13	-53.72	-61.13	-71.65	5.52	12.60	H
	1654.6	-47.83	-13	-34.83	-36.84	-51.08	4.00	9.40	V
	2481.9	-66.70	-13	-53.70	-59.68	-70.27	4.88	10.60	V
	3309.2	-64.55	-13	-51.55	-58.74	-69.48	5.52	12.60	V
LTE Band48 Middle	7232.00	-59.55	-40	-19.55	-65.60	-62.85	8.30	11.60	H
	10848.00	-54.48	-40	-14.48	-67.85	-56.00	10.48	12.00	H
	14464.00	-49.96	-40	-9.96	-67.53	-51.66	11.80	13.50	H
	7232.00	-59.54	-40	-19.54	-65.9	-62.84	8.30	11.60	V
	10848.00	-54.82	-40	-14.82	-67.82	-56.34	10.48	12.00	V
	14464.00	-50.96	-40	-10.96	-67.95	-52.66	11.80	13.50	V

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

EN-DC_7A_n26A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1									
Channel	Frequency (MHz)	ERP/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	1654.6	-65.59	-13	-52.59	-75.52	-68.84	4.00	9.40	H
	2481.9	-62.64	-13	-49.64	-77.12	-66.21	4.88	10.60	H
	3309.2	-61.47	-13	-48.47	-77.80	-66.40	5.52	12.60	H
	1654.6	-65.98	-13	-52.98	-75.51	-69.23	4.00	9.40	V
	2481.9	-61.66	-13	-48.66	-76.11	-65.23	4.88	10.60	V
	3309.2	-61.63	-13	-48.63	-77.74	-66.56	5.52	12.60	V
LTE Band7 Middle	5061.00	-57.77	-25	-32.77	-79.75	-63.33	7.14	12.70	H
	7591.50	-54.61	-25	-29.61	-81.22	-57.91	8.30	11.60	H
	10122.00	-49.91	-25	-24.91	-81.29	-51.43	10.48	12.00	H
	5061.00	-52.22	-25	-27.22	-74.34	-57.78	7.14	12.70	V
	7591.50	-54.82	-25	-29.82	-81.38	-58.12	8.30	11.60	V
	10122.00	-51.64	-25	-26.64	-81.65	-53.16	10.48	12.00	V

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

5G NR n12 SA / NR 15MHz / BPSK / ANT1									
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)
Lowest	1399.2	-58.50	-13	-45.50	-69.09	-61.73	3.98	9.36	H
	2098.8	-64.22	-13	-51.22	-77.25	-67.77	4.85	10.55	H
	2798.4	-62.35	-13	-49.35	-78.33	-67.28	5.50	12.58	H
	1399.2	-59.64	-13	-46.64	-69.80	-62.87	3.98	9.36	V
	2098.8	-64.32	-13	-51.32	-77.30	-67.87	4.85	10.55	V
	2798.4	-62.10	-13	-49.10	-78.27	-67.03	5.50	12.58	V
Middle	1401.2	-59.45	-13	-46.45	-70.17	-62.70	4.00	9.40	H
	2101.8	-64.10	-13	-51.10	-77.13	-67.67	4.88	10.60	H
	2802.4	-62.31	-13	-49.31	-78.29	-67.24	5.52	12.60	H
	1401.2	-60.06	-13	-47.06	-70.34	-63.31	4.00	9.40	V
	2101.8	-64.33	-13	-51.33	-77.31	-67.90	4.88	10.60	V
	2802.4	-62.05	-13	-49.05	-78.22	-66.98	5.52	12.60	V
Highest	1403.2	-60.02	-13	-47.02	-70.75	-63.19	4.10	9.42	H
	2104.8	-64.16	-13	-51.16	-77.20	-67.74	4.90	10.63	H
	2806.4	-62.31	-13	-49.31	-78.30	-67.23	5.55	12.62	H
	1403.2	-58.48	-13	-45.48	-68.77	-61.65	4.10	9.42	V
	2104.8	-63.73	-13	-50.73	-76.72	-67.31	4.90	10.63	V
	2806.4	-62.10	-13	-49.10	-78.28	-67.02	5.55	12.62	V

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

EN-DC_48A_n12A / LTE 10MHz + NR 15MHz / LTE QPSK + NR BPSK / ANT1									
Channel	Frequency (MHz)	ERP/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 n12 Middle	1401.2	-57.88	-13	-44.88	-48.40	-61.13	4.00	9.40	H
	2101.8	-67.34	-13	-54.34	-59.43	-70.91	4.88	10.60	H
	2802.4	-65.68	-13	-52.68	-59.98	-70.61	5.52	12.60	H
	1401.2	-62.57	-13	-49.57	-52.65	-65.82	4.00	9.40	V
	2101.8	-67.60	-13	-54.60	-59.64	-71.17	4.88	10.60	V
	2802.4	-65.56	-13	-52.56	-60.05	-70.49	5.52	12.60	V
LTE Band48 Middle	7241.00	-60.17	-40	-20.17	-66.22	-63.47	8.30	11.60	H
	10861.50	-55.58	-40	-15.58	-69.00	-57.10	10.48	12.00	H
	14482.00	-51.21	-40	-11.21	-68.85	-52.91	11.80	13.50	H
	7241.00	-59.91	-40	-19.91	-66.27	-63.21	8.30	11.60	V
	10861.50	-55.62	-40	-15.62	-68.68	-57.14	10.48	12.00	V
	14482.00	-51.80	-40	-11.80	-68.85	-53.50	11.80	13.50	V

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

5G NR n13 SA / NR 5MHz / BPSK / ANT1									
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)
Lowest	1554.4	-59.73	-13	-46.73	-69.74	-62.96	3.98	9.36	H
	2331.6	-62.69	-13	-49.69	-77.49	-66.24	4.85	10.55	H
	3108.8	-60.74	-13	-47.74	-77.77	-65.67	5.50	12.58	H
	1554.4	-65.43	-13	-52.43	-75.52	-68.66	3.98	9.36	V
	2331.6	-62.52	-13	-49.52	-77.32	-66.07	4.85	10.55	V
	3108.8	-60.75	-13	-47.75	-77.84	-65.68	5.50	12.58	V
Middle	1559.4	-60.22	-42.15	-18.07	-70.24	-63.47	4.00	9.40	H
	2339.1	-62.43	-13	-49.43	-77.18	-66.00	4.88	10.60	H
	3118.8	-60.83	-13	-47.83	-77.96	-65.76	5.52	12.60	H
	1559.4	-62.89	-42.15	-20.74	-72.99	-66.14	4.00	9.40	V
	2339.1	-62.44	-13	-49.44	-77.19	-66.01	4.88	10.60	V
	3118.8	-60.94	-13	-47.94	-78.11	-65.87	5.52	12.60	V
Highest	1564.4	-60.22	-42.15	-18.07	-70.24	-63.39	4.10	9.42	H
	2346.6	-62.44	-13	-49.44	-77.21	-66.02	4.90	10.63	H
	3128.8	-60.88	-13	-47.88	-78.01	-65.80	5.55	12.62	H
	1564.4	-64.20	-42.15	-22.05	-74.30	-67.37	4.10	9.42	V
	2346.6	-62.65	-13	-49.65	-77.42	-66.23	4.90	10.63	V
	3128.8	-61.06	-13	-48.06	-78.23	-65.98	5.55	12.62	V

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

5G NR n13 SA / NR 10MHz / BPSK / ANT1									
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	1554.8	-60.03	-13	-47.03	-70.04	-63.28	4.00	9.40	H
	2332.2	-62.46	-13	-49.46	-77.27	-66.03	4.88	10.60	H
	3109.6	-60.94	-13	-47.94	-77.97	-65.87	5.52	12.60	H
	1554.8	-65.03	-13	-52.03	-75.12	-68.28	4.00	9.40	V
	2332.2	-62.49	-13	-49.49	-77.30	-66.06	4.88	10.60	V
	3109.6	-60.76	-13	-47.76	-77.85	-65.69	5.52	12.60	V

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

5G NR n7 SA / NR 20MHz / BPSK / ANT7									
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)
Lowest	5001.60	-52.18	-25	-27.18	-74.27	-57.74	7.12	12.68	H
	7502.40	-54.66	-25	-29.66	-81.56	-57.99	8.26	11.59	H
	10003.20	-50.50	-25	-25.50	-82.03	-52.03	10.45	11.98	H
	5001.60	-46.88	-25	-21.88	-69.02	-52.44	7.12	12.68	V
	7502.40	-54.79	-25	-29.79	-81.68	-58.12	8.26	11.59	V
	10003.20	-52.17	-25	-27.17	-82.07	-53.70	10.45	11.98	V
Middle	5051.60	-55.42	-25	-30.42	-77.43	-60.98	7.14	12.70	H
	7577.40	-54.63	-25	-29.63	-81.28	-57.93	8.30	11.60	H
	10103.20	-50.19	-25	-25.19	-81.60	-51.71	10.48	12.00	H
	5051.60	-48.36	-25	-23.36	-70.49	-53.92	7.14	12.70	V
	7577.40	-54.46	-25	-29.46	-81.07	-57.76	8.30	11.60	V
	10103.20	-51.72	-25	-26.72	-81.69	-53.24	10.48	12.00	V
Highest	5101.60	-56.54	-25	-31.54	-78.47	-62.10	7.16	12.72	H
	7652.40	-54.64	-25	-29.64	-81.30	-57.94	8.33	11.63	H
	10203.20	-50.62	-25	-25.62	-81.91	-52.22	10.50	12.10	H
	5101.60	-48.88	-25	-23.88	-70.99	-54.44	7.16	12.72	V
	7652.40	-54.58	-25	-29.58	-81.16	-57.88	8.33	11.63	V
	10203.20	-51.96	-25	-26.96	-82.04	-53.56	10.50	12.10	V

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

5G NR n7 UL MIMO / NR 20MHz / BPSK / ANT7+1									
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)
Lowest	5001.60	-52.48	-25	-27.48	-74.57	-58.04	7.12	12.68	H
	7502.40	-54.76	-25	-29.76	-81.66	-58.09	8.26	11.59	H
	10003.20	-50.45	-25	-25.45	-81.98	-51.98	10.45	11.98	H
	5001.60	-45.95	-25	-20.95	-68.09	-51.51	7.12	12.68	V
	7502.40	-54.80	-25	-29.80	-81.69	-58.13	8.26	11.59	V
	10003.20	-52.11	-25	-27.11	-82.01	-53.64	10.45	11.98	V
Middle	5051.60	-50.23	-25	-25.23	-72.24	-55.79	7.14	12.70	H
	7577.40	-53.55	-25	-28.55	-80.20	-56.85	8.30	11.60	H
	10103.20	-49.30	-25	-24.30	-80.71	-50.82	10.48	12.00	H
	5051.60	-47.93	-25	-22.93	-70.06	-53.49	7.14	12.70	V
	7577.40	-53.85	-25	-28.85	-80.46	-57.15	8.30	11.60	V
	10103.20	-50.71	-25	-25.71	-80.68	-52.23	10.48	12.00	V
Highest	5101.60	-53.19	-25	-28.19	-75.12	-58.75	7.16	12.72	H
	7652.40	-54.29	-25	-29.29	-80.95	-57.59	8.33	11.63	H
	10203.20	-50.51	-25	-25.51	-81.80	-52.11	10.50	12.10	H
	5101.60	-46.97	-25	-21.97	-69.08	-52.53	7.16	12.72	V
	7652.40	-54.55	-25	-29.55	-81.13	-57.85	8.33	11.63	V
	10203.20	-51.40	-25	-26.40	-81.48	-53.00	10.50	12.10	V

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

5G NR n38 UL MIMO / NR 20MHz / BPSK / ANT7									
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)
Lowest	5141.60	-60.00	-25	-35.00	-81.84	-65.56	7.12	12.68	H
	7712.40	-55.56	-25	-30.56	-82.31	-58.89	8.26	11.59	H
	10283.20	-51.65	-25	-26.65	-82.84	-53.18	10.45	11.98	H
	5141.60	-54.45	-25	-29.45	-76.54	-60.01	7.12	12.68	V
	7712.40	-55.11	-25	-30.11	-81.74	-58.44	8.26	11.59	V
	10283.20	-52.67	-25	-27.67	-82.84	-54.20	10.45	11.98	V
Middle	5171.60	-59.34	-25	-34.34	-81.17	-64.90	7.14	12.70	H
	7757.40	-55.61	-25	-30.61	-82.39	-58.91	8.30	11.60	H
	10343.20	-51.80	-25	-26.80	-82.92	-53.32	10.48	12.00	H
	5171.60	-54.68	-25	-29.68	-76.78	-60.24	7.14	12.70	V
	7757.40	-55.96	-25	-30.96	-82.59	-59.26	8.30	11.60	V
	10343.20	-52.77	-25	-27.77	-83.02	-54.29	10.48	12.00	V
Highest	5201.60	-58.79	-25	-33.79	-80.56	-64.35	7.16	12.72	H
	7802.40	-56.01	-25	-31.01	-82.86	-59.31	8.33	11.63	H
	10403.20	-51.82	-25	-26.82	-82.87	-53.42	10.50	12.10	H
	5201.60	-55.33	-25	-30.33	-77.41	-60.89	7.16	12.72	V
	7802.40	-55.98	-25	-30.98	-82.65	-59.28	8.33	11.63	V
	10403.20	-52.51	-25	-27.51	-82.8	-54.11	10.50	12.10	V

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

5G NR n41 SA / NR 20MHz / BPSK / ANT7									
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)
Lowest	4993.64	-53.15	-25	-28.15	-75.24	-58.71	7.12	12.68	H
	7490.46	-54.59	-25	-29.59	-81.49	-57.92	8.26	11.59	H
	9987.28	-50.25	-25	-25.25	-81.77	-51.78	10.45	11.98	H
	4993.64	-48.34	-25	-23.34	-70.48	-53.90	7.12	12.68	V
	7490.46	-54.89	-25	-29.89	-81.78	-58.22	8.26	11.59	V
	9987.28	-52.18	-25	-27.18	-82.03	-53.71	10.45	11.98	V
Middle	5167.58	-57.46	-25	-32.46	-79.28	-63.02	7.14	12.70	H
	7751.37	-54.68	-25	-29.68	-81.47	-57.98	8.30	11.60	H
	10335.16	-51.00	-25	-26.00	-82.13	-52.52	10.48	12.00	H
	5167.58	-49.26	-25	-24.26	-71.35	-54.82	7.14	12.70	V
	7751.37	-54.77	-25	-29.77	-81.41	-58.07	8.30	11.60	V
	10335.16	-51.53	-25	-26.53	-81.75	-53.05	10.48	12.00	V
Highest	5341.58	-57.88	-25	-32.88	-79.60	-63.44	7.16	12.72	H
	8012.37	-53.28	-25	-28.28	-81.65	-56.58	8.33	11.63	H
	10683.16	-50.52	-25	-25.52	-81.82	-52.12	10.50	12.10	H
	5341.58	-53.46	-25	-28.46	-75.33	-59.02	7.16	12.72	V
	8012.37	-53.61	-25	-28.61	-81.72	-56.91	8.33	11.63	V
	10683.16	-51.05	-25	-26.05	-81.9	-52.65	10.50	12.10	V

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

5G NR n41 UL MIMO / NR 20MHz / BPSK / ANT7+1									
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)
Lowest	4993.64	-58.95	-25	-33.95	-81.04	-64.51	7.12	12.68	H
	7490.46	-55.57	-25	-30.57	-82.47	-58.90	8.26	11.59	H
	9987.28	-51.76	-25	-26.76	-83.28	-53.29	10.45	11.98	H
	4993.64	-52.02	-25	-27.02	-74.16	-57.58	7.12	12.68	V
	7490.46	-55.81	-25	-30.81	-82.7	-59.14	8.26	11.59	V
	9987.28	-53.14	-25	-28.14	-82.99	-54.67	10.45	11.98	V
Middle	5167.58	-60.11	-25	-35.11	-81.93	-65.67	7.14	12.70	H
	7751.37	-55.73	-25	-30.73	-82.52	-59.03	8.30	11.60	H
	10335.16	-51.89	-25	-26.89	-83.02	-53.41	10.48	12.00	H
	5167.58	-54.97	-25	-29.97	-77.06	-60.53	7.14	12.70	V
	7751.37	-55.97	-25	-30.97	-82.61	-59.27	8.30	11.60	V
	10335.16	-52.58	-25	-27.58	-82.8	-54.10	10.48	12.00	V
Highest	5341.58	-61.01	-25	-36.01	-82.73	-66.57	7.16	12.72	H
	8012.37	-54.66	-25	-29.66	-83.03	-57.96	8.33	11.63	H
	10683.16	-51.24	-25	-26.24	-82.54	-52.84	10.50	12.10	H
	5341.58	-57.71	-25	-32.71	-79.58	-63.27	7.16	12.72	V
	8012.37	-54.86	-25	-29.86	-82.97	-58.16	8.33	11.63	V
	10683.16	-51.97	-25	-26.97	-82.82	-53.57	10.50	12.10	V

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

EN-DC_2A_n7A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1+7									
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	5051.60	-60.38	-25	-35.38	-82.39	-65.94	7.14	12.70	H
	7577.40	-54.29	-25	-29.29	-80.94	-57.59	8.30	11.60	H
	10103.20	-50.10	-25	-25.10	-81.51	-51.62	10.48	12.00	H
	5051.60	-60.04	-25	-35.04	-82.17	-65.60	7.14	12.70	V
	7577.40	-54.43	-25	-29.43	-81.04	-57.73	8.30	11.60	V
	10103.20	-51.53	-25	-26.53	-81.5	-53.05	10.48	12.00	V
LTE Band2 Middle	3751	-57.46	-13	-44.46	-76.08	-64.21	5.85	12.60	H
	5626.5	-58.07	-13	-45.07	-80.89	-63.87	7.30	13.10	H
	7502	-54.63	-13	-41.63	-81.53	-57.78	8.35	11.50	H
	3751	-54.34	-13	-41.34	-72.89	-61.09	5.85	12.60	V
	5626.5	-57.58	-13	-44.58	-80.12	-63.38	7.30	13.10	V
	7502	-54.69	-13	-41.69	-81.58	-57.84	8.35	11.50	V

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

EN-DC_2A_n38A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1+7									
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 n38 Middle	5171.60	-56.69	-25	-31.69	-78.52	-62.25	7.14	12.70	H
	7757.40	-54.79	-25	-29.79	-81.57	-58.09	8.30	11.60	H
	10343.20	-51.47	-25	-26.47	-82.59	-52.99	10.48	12.00	H
	5171.60	-53.29	-25	-28.29	-75.39	-58.85	7.14	12.70	V
	7757.40	-55.27	-25	-30.27	-81.9	-58.57	8.30	11.60	V
	10343.20	-52.17	-25	-27.17	-82.42	-53.69	10.48	12.00	V
LTE Band2 Middle	3751	-58.20	-13	-45.20	-76.82	-64.95	5.85	12.60	H
	5626.5	-58.20	-13	-45.20	-81.02	-64.00	7.30	13.10	H
	7502	-55.08	-13	-42.08	-81.98	-58.23	8.35	11.50	H
	3751	-54.66	-13	-41.66	-73.21	-61.41	5.85	12.60	V
	5626.5	-57.44	-13	-44.44	-79.98	-63.24	7.30	13.10	V
	7502	-55.16	-13	-42.16	-82.05	-58.31	8.35	11.50	V

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

EN-DC_12A_n41A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1+7									
Channel	Frequency (MHz)	ERP/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	5167.58	-58.80	-25	-33.80	-80.62	-64.36	7.14	12.70	H
	7751.37	-55.16	-25	-30.16	-81.95	-58.46	8.30	11.60	H
	10335.16	-51.27	-25	-26.27	-82.40	-52.79	10.48	12.00	H
	5167.58	-51.42	-25	-26.42	-73.51	-56.98	7.14	12.70	V
	7751.37	-55.37	-25	-30.37	-82.01	-58.67	8.30	11.60	V
	10335.16	-52.44	-25	-27.44	-82.66	-53.96	10.48	12.00	V
LTE Band12 Middle	1406	-59.59	-13	-46.59	-70.32	-62.84	4.00	9.40	H
	2109	-64.35	-13	-51.35	-77.39	-67.92	4.88	10.60	H
	2812	-62.49	-13	-49.49	-78.51	-67.42	5.52	12.60	H
	1406	-63.63	-13	-50.63	-73.92	-66.88	4.00	9.40	V
	2109	-64.32	-13	-51.32	-77.31	-67.89	4.88	10.60	V
	2812	-61.45	-13	-48.45	-77.66	-66.38	5.52	12.60	V

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

5G NR n66 SA / NR 20MHz / BPSK / ANT1									
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)
Lowest	3421.6	-59.14	-13	-46.14	-75.63	-66.02	5.60	12.48	H
	5132.4	-60.06	-13	-47.06	-81.94	-65.74	7.10	12.78	H
	6843.2	-56.99	-13	-43.99	-82.20	-60.38	8.38	11.77	H
	3421.6	-51.87	-13	-38.87	-68.45	-58.75	5.60	12.48	V
	5132.4	-58.99	-13	-45.99	-81.09	-64.67	7.10	12.78	V
	6843.2	-56.48	-13	-43.48	-82.19	-59.87	8.38	11.77	V
Middle	3471.6	-58.23	-13	-45.23	-75.13	-65.08	5.65	12.50	H
	5207.4	-60.63	-13	-47.63	-82.41	-66.30	7.13	12.80	H
	6943.2	-56.14	-13	-43.14	-82.06	-59.54	8.40	11.80	H
	3471.6	-51.28	-13	-38.28	-68.2	-58.13	5.65	12.50	V
	5207.4	-59.71	-13	-46.71	-81.8	-65.38	7.13	12.80	V
	6943.2	-55.55	-13	-42.55	-81.94	-58.95	8.40	11.80	V
Highest	3521.6	-57.10	-13	-44.10	-74.45	-63.94	5.68	12.52	H
	5282.4	-59.57	-13	-46.57	-81.26	-65.24	7.15	12.82	H
	7043.4	-55.85	-13	-42.85	-82.21	-59.28	8.42	11.85	H
	3521.6	-50.16	-13	-37.16	-67.45	-57.00	5.68	12.52	V
	5282.4	-59.60	-13	-46.60	-81.42	-65.27	7.15	12.82	V
	7043.4	-55.42	-13	-42.42	-82.22	-58.85	8.42	11.85	V

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

5G NR n66 UL MIMO / NR 20MHz / BPSK / ANT1+7									
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)
Lowest	3421.6	-57.77	-13	-44.77	-74.26	-64.65	5.60	12.48	H
	5132.4	-61.36	-13	-48.36	-83.24	-67.04	7.10	12.78	H
	6843.2	-57.95	-13	-44.95	-83.16	-61.34	8.38	11.77	H
	3421.6	-55.93	-13	-42.93	-72.51	-62.81	5.60	12.48	V
	5132.4	-60.99	-13	-47.99	-83.09	-66.67	7.10	12.78	V
	6843.2	-57.26	-13	-44.26	-82.97	-60.65	8.38	11.77	V
Middle	3471.6	-59.81	-13	-46.81	-76.71	-66.66	5.65	12.50	H
	5207.4	-61.46	-13	-48.46	-83.24	-67.13	7.13	12.80	H
	6943.2	-56.98	-13	-43.98	-82.90	-60.38	8.40	11.80	H
	3471.6	-56.23	-13	-43.23	-73.15	-63.08	5.65	12.50	V
	5207.4	-61.12	-13	-48.12	-83.21	-66.79	7.13	12.80	V
	6943.2	-56.65	-13	-43.65	-83.04	-60.05	8.40	11.80	V
Highest	3521.6	-60.03	-13	-47.03	-77.38	-66.87	5.68	12.52	H
	5282.4	-61.61	-13	-48.61	-83.30	-67.28	7.15	12.82	H
	7043.4	-56.69	-13	-43.69	-83.05	-60.12	8.42	11.85	H
	3521.6	-53.91	-13	-40.91	-71.2	-60.75	5.68	12.52	V
	5282.4	-61.58	-13	-48.58	-83.4	-67.25	7.15	12.82	V
	7043.4	-56.07	-13	-43.07	-82.87	-59.50	8.42	11.85	V

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

EN-DC_48A_n66A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1									
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	3471.6	-61.94	-13	-48.94	-56.85	-68.79	5.65	12.50	H
	5207.4	-64.51	-13	-51.51	-64.62	-70.18	7.13	12.80	H
	6943.2	-60.40	-13	-47.40	-65.49	-63.80	8.40	11.80	H
	3471.6	-58.20	-13	-45.20	-53.13	-65.05	5.65	12.50	V
	5207.4	-64.02	-13	-51.02	-64.44	-69.69	7.13	12.80	V
	6943.2	-59.92	-13	-46.92	-65.48	-63.32	8.40	11.80	V
LTE Band48 Middle	7241.00	-60.27	-40	-20.27	-66.32	-63.57	8.30	11.60	H
	10861.50	-55.04	-40	-15.04	-68.46	-56.56	10.48	12.00	H
	14482.00	-50.99	-40	-10.99	-68.63	-52.69	11.80	13.50	H
	7241.00	-59.48	-40	-19.48	-65.84	-62.78	8.30	11.60	V
	10861.50	-55.58	-40	-15.58	-68.64	-57.10	10.48	12.00	V
	14482.00	-51.56	-40	-11.56	-68.61	-53.26	11.80	13.50	V

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

5G NR n70 SA / NR 10MHz / BPSK / ANT1									
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)
Lowest	3390.8	-60.23	-13	-47.23	-76.58	-67.11	5.60	12.48	H
	5086.2	-60.94	-13	-47.94	-82.90	-66.62	7.10	12.78	H
	6781.6	-57.78	-13	-44.78	-82.62	-61.17	8.38	11.77	H
	3390.8	-54.61	-13	-41.61	-71.08	-61.49	5.60	12.48	V
	5086.2	-60.31	-13	-47.31	-82.43	-65.99	7.10	12.78	V
	6781.6	-56.39	-13	-43.39	-81.77	-59.78	8.38	11.77	V
Middle	3395.8	-59.13	-13	-46.13	-75.48	-65.98	5.65	12.50	H
	5093.7	-60.21	-13	-47.21	-82.13	-65.88	7.13	12.80	H
	6791.6	-57.44	-13	-44.44	-82.29	-60.84	8.40	11.80	H
	3395.8	-52.81	-13	-39.81	-69.28	-59.66	5.65	12.50	V
	5093.7	-60.63	-13	-47.63	-82.73	-66.30	7.13	12.80	V
	6791.6	-56.79	-13	-43.79	-82.16	-60.19	8.40	11.80	V
Highest	3400.8	-60.51	-13	-47.51	-76.86	-67.35	5.68	12.52	H
	5101.2	-60.96	-13	-47.96	-82.89	-66.63	7.15	12.82	H
	6801.6	-57.55	-13	-44.55	-82.39	-60.98	8.42	11.85	H
	3400.8	-52.62	-13	-39.62	-69.09	-59.46	5.68	12.52	V
	5101.2	-60.04	-13	-47.04	-82.15	-65.71	7.15	12.82	V
	6801.6	-56.55	-13	-43.55	-81.91	-59.98	8.42	11.85	V

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

5G NR n70 SA / NR 15MHz / BPSK / ANT1									
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	3391.2	-60.50	-13	-47.50	-76.85	-67.35	5.65	12.50	H
	5086.8	-60.93	-13	-47.93	-82.89	-66.60	7.13	12.80	H
	6782.4	-57.76	-13	-44.76	-82.60	-61.16	8.40	11.80	H
	3391.2	-54.07	-13	-41.07	-70.54	-60.92	5.65	12.50	V
	5086.8	-60.13	-13	-47.13	-82.25	-65.80	7.13	12.80	V
	6782.4	-56.99	-13	-43.99	-82.37	-60.39	8.40	11.80	V

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

5G NR n70 UL MIMO / NR 15MHz / BPSK / ANT1+7									
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	3391.2	-58.44	-13	-45.44	-74.79	-65.29	5.65	12.50	H
	5086.8	-61.37	-13	-48.37	-83.33	-67.04	7.13	12.80	H
	6782.4	-58.04	-13	-45.04	-82.88	-61.44	8.40	11.80	H
	3391.2	-57.06	-13	-44.06	-73.53	-63.91	5.65	12.50	V
	5086.8	-61.06	-13	-48.06	-83.18	-66.73	7.13	12.80	V
	6782.4	-57.56	-13	-44.56	-82.94	-60.96	8.40	11.80	V

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

5G NR n71 SA / NR 20MHz / BPSK / ANT1									
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)
Lowest	1327.6	-51.35	-13	-38.35	-61.25	-54.58	3.98	9.36	H
	1991.4	-65.86	-13	-52.86	-76.84	-69.41	4.85	10.55	H
	2655.2	-62.59	-13	-49.59	-77.63	-67.52	5.50	12.58	H
	1327.6	-53.49	-13	-40.49	-63.03	-56.72	3.98	9.36	V
	1991.4	-66.01	-13	-53.01	-76.84	-69.56	4.85	10.55	V
	2655.2	-62.51	-13	-49.51	-77.52	-67.44	5.50	12.58	V
Middle	1342.6	-52.82	-13	-39.82	-62.88	-56.07	4.00	9.40	H
	2013.9	-65.63	-13	-52.63	-76.99	-69.20	4.88	10.60	H
	2685.2	-62.52	-13	-49.52	-77.77	-67.45	5.52	12.60	H
	1342.6	-55.12	-13	-42.12	-64.81	-58.37	4.00	9.40	V
	2013.9	-65.62	-13	-52.62	-76.87	-69.19	4.88	10.60	V
	2685.2	-62.42	-13	-49.42	-77.69	-67.35	5.52	12.60	V
Highest	1357.6	-54.45	-13	-41.45	-64.68	-57.62	4.10	9.42	H
	2036.4	-65.52	-13	-52.52	-77.22	-69.10	4.90	10.63	H
	2715.2	-62.56	-13	-49.56	-78.02	-67.48	5.55	12.62	H
	1357.6	-59.54	-13	-46.54	-69.38	-62.71	4.10	9.42	V
	2036.4	-65.34	-13	-52.34	-76.94	-68.92	4.90	10.63	V
	2715.2	-62.10	-13	-49.10	-77.62	-67.02	5.55	12.62	V

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

5G NR n71 UL MIMO / NR 20MHz / BPSK / ANT1+7									
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)
Lowest	1327.6	-51.97	-13	-38.97	-61.87	-55.20	3.98	9.36	H
	1991.4	-65.54	-13	-52.54	-76.52	-69.09	4.85	10.55	H
	2655.2	-62.65	-13	-49.65	-77.69	-67.58	5.50	12.58	H
	1327.6	-52.78	-13	-39.78	-62.32	-56.01	3.98	9.36	V
	1991.4	-66.02	-13	-53.02	-76.85	-69.57	4.85	10.55	V
	2655.2	-62.58	-13	-49.58	-77.59	-67.51	5.50	12.58	V
Middle	1342.6	-50.24	-13	-37.24	-60.30	-53.49	4.00	9.40	H
	2013.9	-64.94	-13	-51.94	-76.30	-68.51	4.88	10.60	H
	2685.2	-61.71	-13	-48.71	-76.96	-66.64	5.52	12.60	H
	1342.6	-55.75	-13	-42.75	-65.44	-59.00	4.00	9.40	V
	2013.9	-65.35	-13	-52.35	-76.60	-68.92	4.88	10.60	V
	2685.2	-61.35	-13	-48.35	-76.62	-66.28	5.52	12.60	V
Highest	1357.6	-50.69	-13	-37.69	-60.92	-53.86	4.10	9.42	H
	2036.4	-65.13	-13	-52.13	-76.83	-68.71	4.90	10.63	H
	2715.2	-62.23	-13	-49.23	-77.69	-67.15	5.55	12.62	H
	1357.6	-60.26	-13	-47.26	-70.10	-63.43	4.10	9.42	V
	2036.4	-64.98	-13	-51.98	-76.58	-68.56	4.90	10.63	V
	2715.2	-62.17	-13	-49.17	-77.69	-67.09	5.55	12.62	V

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

EN-DC_48A_n71A / LTE 10MHz + NR 20MHz / LTE QPSK + NR BPSK / ANT1									
Channel	Frequency (MHz)	ERP/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 Lowest	1327.6	-51.60	-13	-38.60	-41.45	-54.83	3.98	9.36	H
	1991.4	-69.43	-13	-56.43	-59.62	-72.98	4.85	10.55	H
	2655.2	-65.91	-13	-52.91	-59.36	-70.84	5.50	12.58	H
	1327.6	-54.57	-13	-41.57	-44.06	-57.80	3.98	9.36	V
	1991.4	-69.37	-13	-56.37	-59.41	-72.92	4.85	10.55	V
	2655.2	-66.25	-13	-53.25	-59.67	-71.18	5.50	12.58	V
LTE Band48 Lowest	7241.00	-60.23	-40	-20.23	-66.28	-63.56	8.25	11.58	H
	10861.50	-55.50	-40	-15.50	-68.92	-57.05	10.45	12.00	H
	14482.00	-51.20	-40	-11.20	-68.84	-52.91	11.74	13.45	H
	7241.00	-59.75	-40	-19.75	-66.11	-63.08	8.25	11.58	V
	10861.50	-55.70	-40	-15.70	-68.76	-57.25	10.45	12.00	V
	14482.00	-51.75	-40	-11.75	-68.80	-53.46	11.74	13.45	V
NR n71 Middle	1342.6	-51.28	-13	-38.28	-41.26	-54.53	4.00	9.40	H
	2013.9	-69.20	-13	-56.20	-59.74	-72.77	4.88	10.60	H
	2685.2	-65.98	-13	-52.98	-59.62	-70.91	5.52	12.60	H
	1342.6	-57.70	-13	-44.70	-47.31	-60.95	4.00	9.40	V
	2013.9	-69.27	-13	-56.27	-59.70	-72.84	4.88	10.60	V
	2685.2	-65.89	-13	-52.89	-59.55	-70.82	5.52	12.60	V
LTE Band48 Middle	7241.00	-60.29	-40	-20.29	-66.34	-63.59	8.30	11.60	H
	10861.50	-55.00	-40	-15.00	-68.42	-56.52	10.48	12.00	H
	14482.00	-51.01	-40	-11.01	-68.65	-52.71	11.80	13.50	H
	7241.00	-60.02	-40	-20.02	-66.38	-63.32	8.30	11.60	V
	10861.50	-55.66	-40	-15.66	-68.72	-57.18	10.48	12.00	V
	14482.00	-51.92	-40	-11.92	-68.97	-53.62	11.80	13.50	V
NR n71 Highest	1357.6	-49.89	-13	-36.89	-40.00	-53.06	4.10	9.42	H
	2036.4	-68.87	-13	-55.87	-59.72	-72.45	4.90	10.63	H
	2715.2	-66.15	-13	-53.15	-59.98	-71.07	5.55	12.62	H
	1357.6	-56.04	-13	-43.04	-45.76	-59.21	4.10	9.42	V
	2036.4	-69.05	-13	-56.05	-59.80	-72.63	4.90	10.63	V
	2715.2	-66.07	-13	-53.07	-59.96	-70.99	5.55	12.62	V
LTE Band48 Highest	7241.00	-60.19	-40	-20.19	-66.24	-63.49	8.32	11.62	H
	10861.50	-55.39	-40	-15.39	-68.81	-57.07	10.52	12.20	H
	14482.00	-50.90	-40	-10.90	-68.54	-52.60	11.85	13.55	H
	7241.00	-59.77	-40	-19.77	-66.13	-63.07	8.32	11.62	V
	10861.50	-55.84	-40	-15.84	-68.9	-57.52	10.52	12.20	V
	14482.00	-51.77	-40	-11.77	-68.82	-53.47	11.85	13.55	V

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