FCC RF Test Report

FCC ID	:	UZ7TC15BK
Equipment	:	Touch computer
Brand Name	:	Zebra
Model Name	:	TC15BK
Applicant	:	Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742
Manufacturer	:	Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742
Standard	:	47 CFR Part 2, 22, 24, 27
Classification	:	PCS Licensed Transmitter Held to Ear (PCE)
Test Date(s)	:	Feb. 23, 2022 ~ Mar. 10, 2022

We, Sporton International Inc. (Kunshan), 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.

This report contains data that were produced under subcontract by Sporton International Inc. (Shenzhen).

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

Jason Jia

Reviewed by: Jason Jia / Supervisor

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Approved by: Alex Wang / Manager

ACCREDITED
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Appendix A. Test Results of Conducted Test

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG212805D	Rev. 01	Initial issue of report	Apr. 01, 2022

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (5G NR n5)	ERP < 7 Watt		
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (5G NR n2) (5G NR n7, n38, n41)	EIRP < 2Watt		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (5G NR n66)	EIRP < 1Watt		
3.5	§24.232(d) §27.50(j)(4)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Band Edge Measurement (5G NR n5) (5G NR n2) (5G NR n66)	< 43+10log10(P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (5G NR n7, n38, n41)	§27.53(m)(4)		
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(h)	Conducted Spurious Emission (5G NR n5) (5G NR n2) (5G NR n66)	< 43+10log10(P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (5G NR n7, n38, n41)	< 55+10log$_{10}$(P[Watts])		
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Radiated Spurious Emission (5G NR n5) (5G NR n2) (5G NR n66)	< 43+10log$_{10}$(P[Watts])	PASS	Under limit 17.76 dB at 7626.00 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n7, n38, n41)	< 55+10log$_{10}$(P[Watts])		

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Touch computer
Brand Name	Zebra
Model Name	TC15BK
FCC ID	UZ7TC15BK
Sample 1	Scanner(SE4710)
Sample 2	Scanner(SE4100)
HW Version	EV2.4
SW Version	Groot-userdebug11 11-06-29.00-RG-U000-PRD-GRT FX3
MFD	26JAN22
EUT Stage	Identical Prototype

Specification of Accessory				
AC Adapter	**Brand Name**	Zebra	**Part Number**	PWR-WUA5V12W0US
Battery 1	**Brand Name**	Zebra	**Model Number**	BT-000454
			Part Number	BT-000454-20
Battery 2	**Brand Name**	Zebra	**Model Number**	BT-000454
			Part Number	BT-000454-70
Earphone	**Brand Name**	Zebra	**Part Number**	HDST-35MM-PTVP-01
USB Cable (Type C to Type A)	**Brand Name**	Zebra	**Part Number**	CBL-TC5X-USBC2A-01
Type C-Audio Cable (Type C to 3.5mm)	**Brand Name**	Zebra	**Part Number**	ADP-USBC-35MM1-01

1.2 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 n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 1710 MHz ~ 1780 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 n38: 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n66 : 2110 MHz~ 2200 MHz
Bandwidth	**SA:** n2, n5, n66: 5MHz / 10MHz / 15MHz / 20MHz n7: 5MHz / 10MHz / 15MHz / 20MHz / 25MHz / 30MHz / 40MHz / 50MHz n38 : 20MHz / 30MHz / 40MHz n41 : 20MHz / 30MHz / 40MHz / 50MHz / 60MHz / 70MHz / 80MHz / 90MHz / 100MHz **NSA:** n5, n7: 5MHz / 10MHz / 15MHz / 20MHz n66: 5MHz / 10MHz / 15MHz / 20MHz / 30MHz
SCS	n2, n5, n7, n66: 15kHz n38, n41: 30kHz
Maximum Output Power to Antenna	**<Ant. 0>:** 5G NR n2 SA: 23.99 dBm 5G NR n5 NSA: 23.99 dBm 5G NR n66 NSA: 23.80 dBm **<Ant. 2>:** 5G NR n7 SA: 23.97 dBm 5G NR n7 NSA: 23.99 dBm 5G NR n38 SA: 23.99 dBm 5G NR n41 SA: 26.97 dBm
Antenna Gain	**<Ant. 0>:** 5G NR n2: 1.21 dBi 5G NR n5: -0.60 dBi 5G NR n66: -0.74 dBi **<Ant. 2>:** 5G NR n7: 0.84 dBi 5G NR n38: -0.44 dBi 5G NR n41: -0.05 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

Remark:

1. 5G NR n5/n7/n66 support SA mode and NSA mode, n2/n38/n41 support SA mode only. According to the maximum power between SA and NSA mode, NSA covers SA mode for n5/n66.
2. The EN-DC combinations declared by the manufacturer are as follows: DC_7A_n5A, DC_2A_n7A, DC_5A_n7A, DC_7A_n66A.
3. For conducted test items of n7 NSA mode, we only show the combination of the maximum power among all NSA combinations in the report.

4. 5G NR n41 supports HPUE mode.
5. The device supports n41(1T4R) SRS resources on ant.1/4/6, only the test data of worst ant.2 is showed in the report according to the maximum power.

1.3 Modification of EUT

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

1.4 Maximum ERP/EIRP and Emission Designator

5G NR n2 SA		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1852.5 ~ 1907.5	0.3228	4M48G7D	0.2679	4M49W7D
10	1855.0 ~ 1905.0	0.3311	9M27G7D	0.2938	9M29W7D
15	1857.5 ~ 1902.5	0.3251	14M1G7D	0.2582	14M1W7D
20	1860.0 ~ 1900.0	0.3258	18M9G7D	0.2588	18M9W7D

5G NR n5 NSA (EN DC_7A-n5A)		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	826.5 ~ 846.5	0.1306	4M48G7D	0.1081	4M49W7D
10	829.0 ~ 844.0	0.1312	9M26G7D	0.1052	9M27W7D
15	831.5 ~ 841.5	0.1312	14M1G7D	0.1076	14M1W7D
20	834.0 ~ 839.0	0.1330	18M9G7D	0.1067	18M9W7D

5G NR n7 SA		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.2891	4M49G7D	0.2301	4M49W7D
10	2505.0 ~ 2565.0	0.2897	9M28G7D	0.2323	9M29W7D
15	2507.5 ~ 2562.5	0.2831	14M1G7D	0.2244	14M1W7D
20	2510.0 ~ 2560.0	0.2858	18M9G7D	0.2265	18M9W7D
25	2512.5 ~ 2557.5	0.2944	23M7G7D	0.2339	23M8W7D
30	2515.0 ~ 2555.0	0.3027	28M5G7D	0.2360	28M6W7D
40	2520.0 ~ 2550.0	0.2897	38M6G7D	0.2296	38M6W7D
50	2525.0 ~ 2545.0	0.2838	48M3G7D	0.2307	48M2W7D

5G NR n7 NSA (EN DC_2A-n7A)		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.2723	4M47G7D	0.2239	4M49W7D
10	2505.0 ~ 2565.0	0.2844	9M28G7D	0.2477	9M30W7D
15	2507.5 ~ 2562.5	0.3027	14M1G7D	0.2535	14M1W7D
20	2510.0 ~ 2560.0	0.3041	18M9G7D	0.2477	19M0W7D

5G NR n38 SA		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
20	2580.0 ~ 2610.0	0.2265	18M2G7D	0.1950	18M3W7D
30	2585.0 ~ 2605.0	0.2259	27M8G7D	0.1941	27M9W7D
40	2590.0 ~ 2600.0	0.2234	37M9G7D	0.1849	37M9W7D

5G NR n41 SA		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
20	2506.02 ~ 2679.99	0.4853	18M2G7D	0.4188	18M3W7D
30	2511.00 ~ 2674.98	0.4909	27M8G7D	0.3882	27M9W7D
40	2516.01 ~ 2670.00	0.4920	37M9G7D	0.4036	37M9W7D
50	2521.02 ~ 2664.99	0.4667	47M5G7D	0.3828	47M5W7D
60	2526.00 ~ 2659.98	0.4864	57M9G7D	0.4519	57M9W7D
70	2531.01 ~ 2655.00	0.4467	67M4G7D	0.3707	67M5W7D
80	2536.02 ~ 2649.99	0.4539	77M4G7D	0.3767	77M5W7D
90	2541.00 ~ 2644.98	0.4753	87M6G7D	0.3908	87M7W7D
100	2546.01 ~ 2640.00	0.4721	97M4G7D	0.3908	97M7W7D

5G NR n66 NSA (EN DC_7A-n66A)		PI/2 BPSK / QPSK		16QAM / 64QAM / 256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	1712.5 ~ 1777.5	0.2018	4M48G7D	0.1652	4M48W7D
10	1715.0 ~ 1775.0	0.1986	9M28G7D	0.1607	9M30W7D
15	1717.5 ~ 1772.5	0.2014	14M1G7D	0.1607	14M1W7D
20	1720.0 ~ 1770.0	0.2000	18M9G7D	0.1603	19M0W7D
30	1725.0 ~ 1765.0	0.2023	28M6G7D	0.1611	28M6W7D

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

1.5 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH04-KS	CN1257	314309

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 data subcontracted: Conducted test case in section 3 of this report.

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-KS	AUDIX	E3	6.2009-8-24a

1.7 Applicable Standards

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

- 47 CFR Part 2, 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.

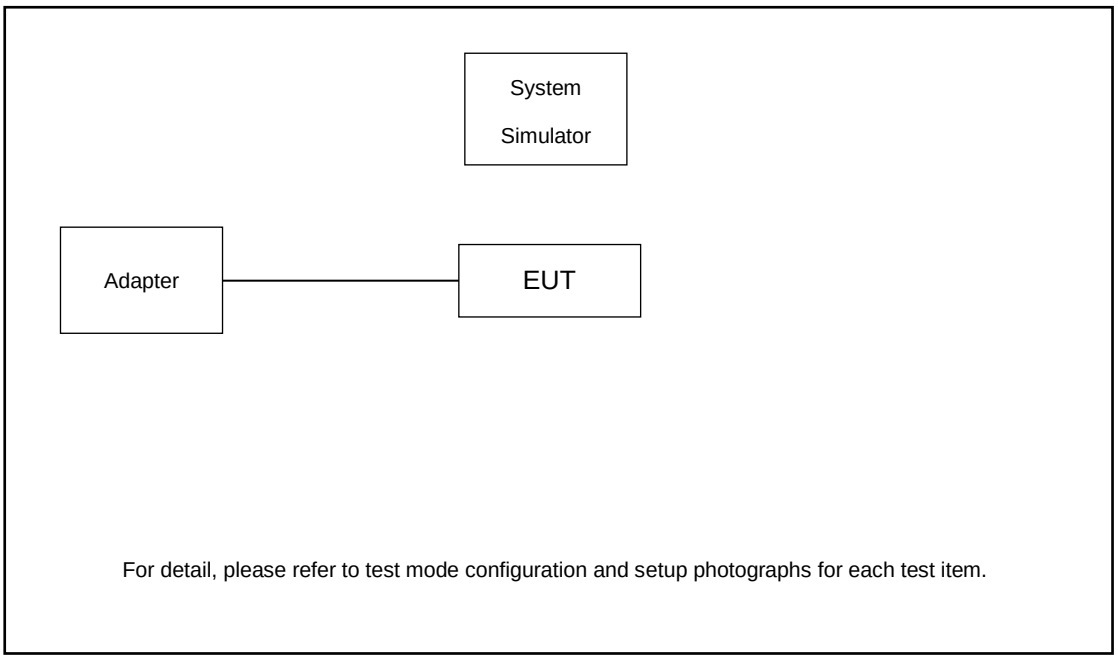
For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z and accessory configurations. The worst-cases (Y Plane with adapter) were recorded in this report.

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.

Test Items	5G NR	Bandwidth (MHz)											Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	50	60	70-90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256 QAM	1	Full	L	M	H
Max. Output Power	n2	v	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n5	v	v	v	v	-	-	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n7	v	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v	v	v	v	v	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
	n66	v	v	v	v	-	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	n2				v	-	-	-	-	-	-	-	v	v				v	v	v	v	v
	n5				v	-	-	-	-	-	-	-	v	v				v	v	v	v	v
	n7				v					-	-	-	v	v				v	v	v	v	v
	n41	-	-	-	v	-							v	v				v	v	v	v	v
	n66				v	-		-	-	-	-	-	v	v				v	v	v	v	v
26dB and 99% Bandwidth	n2	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		v	
	n41	-	-	-	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	

Test Items	5G NR	Bandwidth (MHz)											Modulation					RB #		Test Channel		
		5	10	15	20	25	30	40	50	60	70-90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256 QAM	1	Full	L	M	H
Conducted Band Edge	n2	v	v		v	-	-	-	-	-	-	-	v	v				v	v	v		v
	n5	v	v		v	-	-	-	-	-	-	-	v	v				v	v	v		v
	n7	v	v		v				v	-	-	-	v	v				v	v	v		v
	n41	-	-	-	v	-				v		v	v	v				v	v	v		v
	n66	v		v		-	v	-	-	-	-	-	v	v				v	v	v		v
Conducted Spurious Emission	n2	v	v		v	-	-	-	-	-	-	-	v	v				v		v	v	v
	n5	v	v		v	-	-	-	-	-	-	-	v	v				v		v	v	v
	n7	v	v		v				v	-	-	-	v	v				v		v	v	v
	n41	-	-	-	v	-				v		v	v	v				v		v	v	v
	n66	v		v		-	v	-	-	-	-	-	v	v				v		v	v	v
Frequency Stability	n2				v	-	-	-	-	-	-	-		v					v		v	
	n5				v	-	-	-	-	-	-	-		v					v		v	
	n7				v					-	-	-		v					v		v	
	n41	-	-	-	v	-								v					v		v	
	n66				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	v	v	v
	n7	v	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v	v	v	v	v	v
	n38	-	-	-	v	-	v	v	-	-	-	-	v	v	v	v	v	v	v	v	v	v
	n41	-	-	-	v	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	n66	v	v	v	v	-	v	-	-	-	-	-	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	n2	Worst Case																		v	v	v
	n5	Worst Case																		v	v	v
	n7	Worst Case																		v	v	v
	n41	Worst Case																		v	v	v
	n66	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. 4. Based on engineering evaluation, only the worst modulation test results are shown in the report. 5. Frequency Stability：Normal Voltage = 3.87V ；Low Voltage =3.65V. ；High Voltage =4.45V																					

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 8.10 dB.

Example :

Offset(dB) = RF cable loss(dB).

= 8.10 (dB)

2.5 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	388000	392000	396000
	Frequency	1860	1880	1900
15	Channel	387500	392000	396500
	Frequency	1857.5	1880	1902.5
10	Channel	387000	392000	397000
	Frequency	1855	1880	1905
5	Channel	386500	392000	397500
	Frequency	1852.5	1880	1907.5

5G NR n5 Channel and Frequency List for				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	175800	176300	176800
	Frequency	834	836.5	839
15	Channel	175300	176300	177300
	Frequency	831.5	836.5	841.5
10	Channel	174800	176300	177800
	Frequency	829	836.5	844
5	Channel	174300	176300	178300
	Frequency	826.5	836.5	846.5

5G NR n7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
50	Channel	529000	531000	533000
	Frequency	2525	2535	2545
40	Channel	528000	531000	534000
	Frequency	2520	2535	2550
30	Channel	527000	531000	535000
	Frequency	2515	2535	2555
25	Channel	526500	531000	535500
	Frequency	2512.5	2535	2557.5
20	Channel	526000	531000	536000
	Frequency	2510	2535	2560
15	Channel	525500	531000	536500
	Frequency	2507.5	2535	2562.5
10	Channel	525000	531000	537000
	Frequency	2505	2535	2565
5	Channel	524500	531000	537500
	Frequency	2502.5	2535	2567.5

5G NR n38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	518000	519000	520000
	Frequency	2590	2595	2600
30	Channel	517000	519000	521000
	Frequency	2585	2595	2605
20	Channel	516000	519000	522000
	Frequency	2580	2595	2610

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
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99

5G NR n66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
30	Channel	425000	429000	433000
	Frequency	1725	1745	1765
20	Channel	424000	429000	434000
	Frequency	1720	1745	1770
15	Channel	423500	429000	434500
	Frequency	1717.5	1745	1772.5
10	Channel	423000	429000	435000
	Frequency	1715	1745	1775
5	Channel	422500	429000	435500
	Frequency	1712.5	1745	1777.5

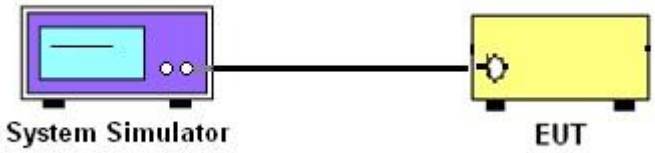
3 Conducted Test Items

3.1 Measuring Instruments

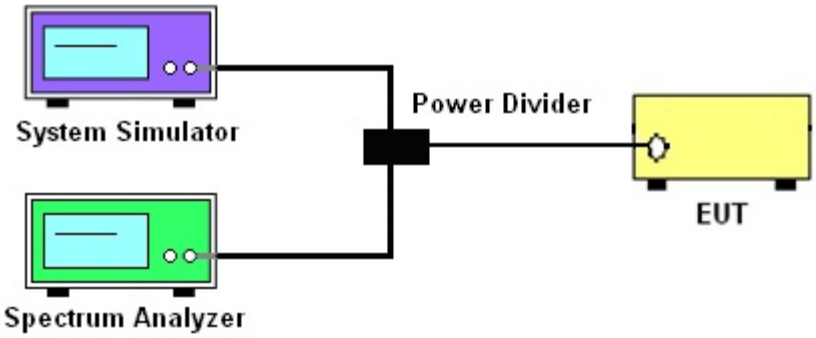
See list of measuring instruments of this test report.

3.2 Test Setup

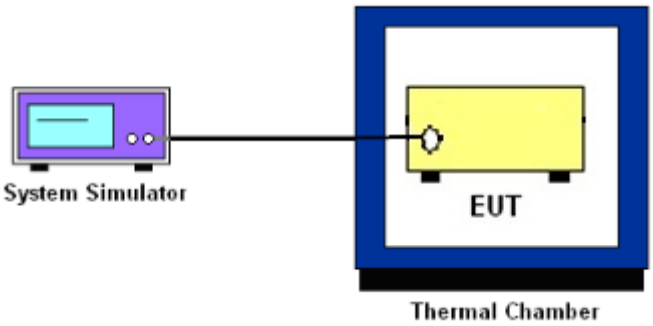
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



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.

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

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

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.

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
   (this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

   Example:

   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.
9. For 5G NR n7/n38/n41, the other 40 dB, and 55 dB have additionally applied same calculation above.
10. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. 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.
11. For 5G NR n7/n38/n41
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
    = P(W)- [55+ 10log(P)] (dB)
    = [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)
    = -25dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

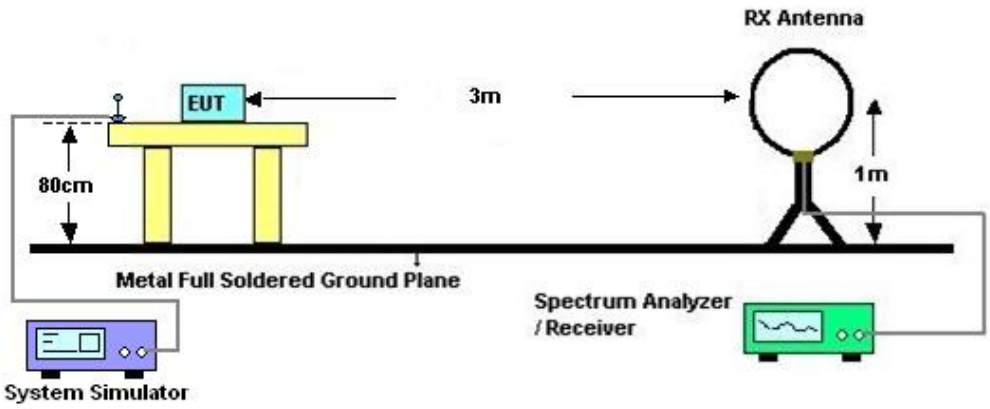
4 Radiated Test Items

4.1 Measuring Instruments

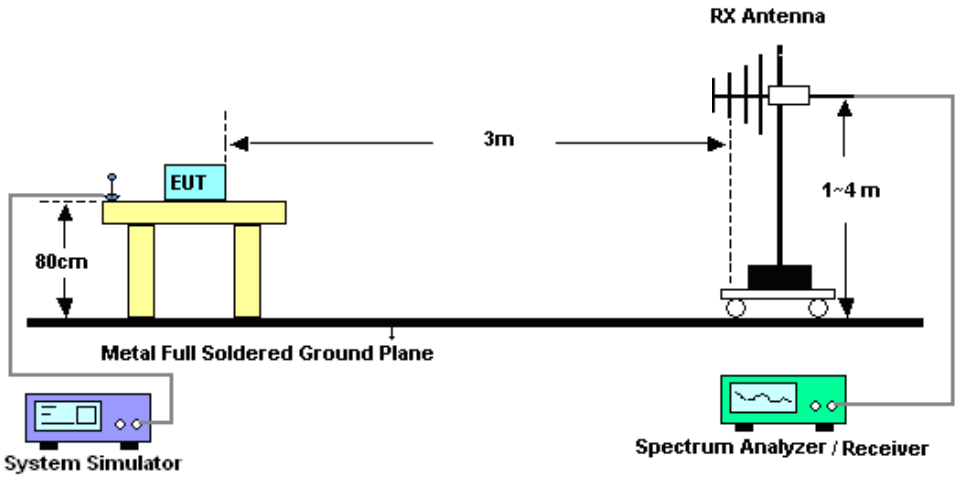
See list of measuring instruments of this test report.

4.2 Test Setup

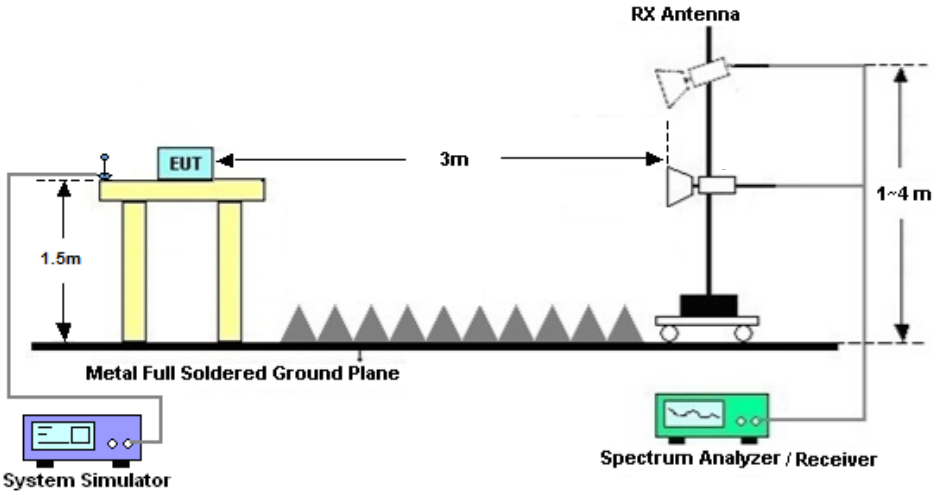
4.2.1 For radiated test below 30MHz



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. 03, 2021	Feb. 23, 2022~ Feb. 24, 2022	Apr. 02, 2022	Conducted (TH01-SZ)
Power Divider	TOJOIN	PS-2SM-04 265	60.06.020.007 7	0.4GHz~26.5GHz	Aug. 26, 2021	Feb. 23, 2022~ Feb. 24, 2022	Aug. 25, 2022	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 14, 2021	Feb. 23, 2022~ Feb. 24, 2022	Jul. 13, 2022	Conducted (TH01-SZ)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz-44G,MAX 30dB	Apr. 13, 2021	Mar. 10, 2022	Apr. 12, 2022	Radiation (03CH04-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 31, 2021	Mar. 10, 2022	Oct. 30, 2022	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	May 30, 2021	Mar. 10, 2022	May 29, 2022	Radiation (03CH04-KS)
Horn Antenna	Schwarzbeck	BBHA9120D	1356	1GHz~18GHz	Apr. 18, 2021	Mar. 10, 2022	Apr. 17, 2022	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 05, 2022	Mar. 10, 2022	Jan. 04, 2023	Radiation (03CH04-KS)
Amplifier	Burgeon	BPA-530	102219	0.01MHz ~3000MHz	Nov. 01, 2021	Mar. 10, 2022	Oct. 31, 2022	Radiation (03CH04-KS)
Amplifier	MITEQ	EM18G40G GA	060728	18~40GHz	Jan. 05, 2022	Mar. 10, 2022	Jan. 04, 2023	Radiation (03CH04-KS)
high gain Amplifier	MITEQ	AMF-7D-00 101800-30-1 0P	2025788	1Ghz-18Ghz	Jul. 30, 2021	Mar. 10, 2022	Jul. 29, 2022	Radiation (03CH04-KS)
Amplifier	Keysight	83017A	MY57280106	500MHz~26.5GHz	Oct. 13, 2021	Mar. 10, 2022	Oct. 12, 2022	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Mar. 10, 2022	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Mar. 10, 2022	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Mar. 10, 2022	NCR	Radiation (03CH04-KS)

NCR: No Calibration Required

6 Uncertainty of Evaluation

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 Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.3dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8dB**

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

Appendix A. Test Results of Conducted Test

Transmitter Conducted Output Power and ERP/EIRP

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	12@6	23.3	24.51	0.2825
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@1	23.43	24.64	0.2911
2	15	5	386500	1852.5	DFT-s-OFDM PI/2 BPSK	1@23	23.43	24.64	0.2911
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	12@6	23.32	24.53	0.2838
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@1	23.61	24.82	0.3034
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@23	23.57	24.78	0.3006
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	12@6	22.21	23.42	0.2198
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@1	22.58	23.79	0.2393
2	15	5	386500	1852.5	DFT-s-OFDM 16 QAM	1@23	22.61	23.82	0.2410
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	12@6	20.83	22.04	0.1600
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@1	21.09	22.3	0.1698
2	15	5	386500	1852.5	DFT-s-OFDM 64 QAM	1@23	21.1	22.31	0.1702
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	12@6	18.46	19.67	0.0927
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@1	18.55	19.76	0.0946
2	15	5	386500	1852.5	DFT-s-OFDM 256 QAM	1@23	18.55	19.76	0.0946
2	15	5	386500	1852.5	CP-OFDM QPSK	13@6	21.9	23.11	0.2046
2	15	5	386500	1852.5	CP-OFDM QPSK	1@1	22.12	23.33	0.2153
2	15	5	386500	1852.5	CP-OFDM QPSK	1@23	22.09	23.3	0.2138
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	12@6	23.83	25.04	0.3192
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.86	25.07	0.3214
2	15	5	392000	1880	DFT-s-OFDM PI/2 BPSK	1@23	23.86	25.07	0.3214
2	15	5	392000	1880	DFT-s-OFDM QPSK	12@6	23.82	25.03	0.3184
2	15	5	392000	1880	DFT-s-OFDM QPSK	1@1	23.88	25.09	0.3228
2	15	5	392000	1880	DFT-s-OFDM QPSK	1@23	23.83	25.04	0.3192
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	12@6	22.75	23.96	0.2489
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	1@1	23.07	24.28	0.2679
2	15	5	392000	1880	DFT-s-OFDM 16 QAM	1@23	23.07	24.28	0.2679

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	12@6	21.37	22.58	0.1811
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.63	22.84	0.1923
2	15	5	392000	1880	DFT-s-OFDM 64 QAM	1@23	21.61	22.82	0.1914
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	12@6	19.2	20.41	0.1099
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	1@1	19.22	20.43	0.1104
2	15	5	392000	1880	DFT-s-OFDM 256 QAM	1@23	19.16	20.37	0.1089
2	15	5	392000	1880	CP-OFDM QPSK	13@6	22.42	23.63	0.2307
2	15	5	392000	1880	CP-OFDM QPSK	1@1	22.51	23.72	0.2355
2	15	5	392000	1880	CP-OFDM QPSK	1@23	22.54	23.75	0.2371
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	12@6	23.2	24.41	0.2761
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@1	23.31	24.52	0.2831
2	15	5	397500	1907.5	DFT-s-OFDM PI/2 BPSK	1@23	23.32	24.53	0.2838
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	12@6	23.25	24.46	0.2793
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@1	23.47	24.68	0.2938
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@23	23.47	24.68	0.2938
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	12@6	22.18	23.39	0.2183
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	1@1	22.52	23.73	0.2360
2	15	5	397500	1907.5	DFT-s-OFDM 16 QAM	1@23	22.5	23.71	0.2350
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	12@6	20.82	22.03	0.1596
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	1@1	21	22.21	0.1663
2	15	5	397500	1907.5	DFT-s-OFDM 64 QAM	1@23	21.04	22.25	0.1679
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	12@6	18.64	19.85	0.0966
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	1@1	18.62	19.83	0.0962
2	15	5	397500	1907.5	DFT-s-OFDM 256 QAM	1@23	18.65	19.86	0.0968
2	15	5	397500	1907.5	CP-OFDM QPSK	13@6	21.84	23.05	0.2018
2	15	5	397500	1907.5	CP-OFDM QPSK	1@1	21.95	23.16	0.2070
2	15	5	397500	1907.5	CP-OFDM QPSK	1@23	21.96	23.17	0.2075
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	25@12	23.38	24.59	0.2877
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@1	23.77	24.98	0.3148
2	15	10	387000	1855	DFT-s-OFDM PI/2 BPSK	1@50	23.79	25	0.3162

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	10	387000	1855	DFT-s-OFDM QPSK	25@12	23.38	24.59	0.2877
2	15	10	387000	1855	DFT-s-OFDM QPSK	1@1	23.95	25.16	0.3281
2	15	10	387000	1855	DFT-s-OFDM QPSK	1@50	23.96	25.17	0.3289
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	25@12	22.42	23.63	0.2307
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@1	23.02	24.23	0.2649
2	15	10	387000	1855	DFT-s-OFDM 16 QAM	1@50	23.03	24.24	0.2655
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	25@12	21.02	22.23	0.1671
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@1	21.53	22.74	0.1879
2	15	10	387000	1855	DFT-s-OFDM 64 QAM	1@50	21.55	22.76	0.1888
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	25@12	19.05	20.26	0.1062
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@1	19.06	20.27	0.1064
2	15	10	387000	1855	DFT-s-OFDM 256 QAM	1@50	19.15	20.36	0.1086
2	15	10	387000	1855	CP-OFDM QPSK	26@13	21.81	23.02	0.2004
2	15	10	387000	1855	CP-OFDM QPSK	1@1	22.38	23.59	0.2286
2	15	10	387000	1855	CP-OFDM QPSK	1@50	22.42	23.63	0.2307
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	25@12	23.87	25.08	0.3221
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.99	25.2	0.3311
2	15	10	392000	1880	DFT-s-OFDM PI/2 BPSK	1@50	23.91	25.12	0.3251
2	15	10	392000	1880	DFT-s-OFDM QPSK	25@12	23.94	25.15	0.3273
2	15	10	392000	1880	DFT-s-OFDM QPSK	1@1	23.89	25.1	0.3236
2	15	10	392000	1880	DFT-s-OFDM QPSK	1@50	23.88	25.09	0.3228
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	25@12	22.92	24.13	0.2588
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	1@1	23.44	24.65	0.2917
2	15	10	392000	1880	DFT-s-OFDM 16 QAM	1@50	23.47	24.68	0.2938
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	25@12	21.57	22.78	0.1897
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.95	23.16	0.2070
2	15	10	392000	1880	DFT-s-OFDM 64 QAM	1@50	22.04	23.25	0.2113
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	25@12	19.38	20.59	0.1146
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	1@1	19.56	20.77	0.1194
2	15	10	392000	1880	DFT-s-OFDM 256 QAM	1@50	19.6	20.81	0.1205

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	10	392000	1880	CP-OFDM QPSK	26@13	22.39	23.6	0.2291
2	15	10	392000	1880	CP-OFDM QPSK	1@1	22.96	24.17	0.2612
2	15	10	392000	1880	CP-OFDM QPSK	1@50	22.95	24.16	0.2606
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	25@12	23.33	24.54	0.2844
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	1@1	23.22	24.43	0.2773
2	15	10	397000	1905	DFT-s-OFDM PI/2 BPSK	1@50	23.21	24.42	0.2767
2	15	10	397000	1905	DFT-s-OFDM QPSK	25@12	23.32	24.53	0.2838
2	15	10	397000	1905	DFT-s-OFDM QPSK	1@1	23.39	24.6	0.2884
2	15	10	397000	1905	DFT-s-OFDM QPSK	1@50	23.28	24.49	0.2812
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	25@12	22.25	23.46	0.2218
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	1@1	22.25	23.46	0.2218
2	15	10	397000	1905	DFT-s-OFDM 16 QAM	1@50	22.27	23.48	0.2228
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	25@12	20.86	22.07	0.1611
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	1@1	20.95	22.16	0.1644
2	15	10	397000	1905	DFT-s-OFDM 64 QAM	1@50	20.8	22.01	0.1589
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	25@12	18.76	19.97	0.0993
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	1@1	18.93	20.14	0.1033
2	15	10	397000	1905	DFT-s-OFDM 256 QAM	1@50	19.08	20.29	0.1069
2	15	10	397000	1905	CP-OFDM QPSK	26@13	21.8	23.01	0.2000
2	15	10	397000	1905	CP-OFDM QPSK	1@1	21.95	23.16	0.2070
2	15	10	397000	1905	CP-OFDM QPSK	1@50	21.86	23.07	0.2028
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	36@18	23.37	24.58	0.2871
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	24.84	0.3048
2	15	15	387500	1857.5	DFT-s-OFDM PI/2 BPSK	1@77	23.65	24.86	0.3062
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	36@18	23.46	24.67	0.2931
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@1	23.8	25.01	0.3170
2	15	15	387500	1857.5	DFT-s-OFDM QPSK	1@77	23.84	25.05	0.3199
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	36@18	22.47	23.68	0.2333
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@1	22.84	24.05	0.2541
2	15	15	387500	1857.5	DFT-s-OFDM 16 QAM	1@77	22.86	24.07	0.2553

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	36@18	20.97	22.18	0.1652
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@1	21.35	22.56	0.1803
2	15	15	387500	1857.5	DFT-s-OFDM 64 QAM	1@77	21.31	22.52	0.1786
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	36@18	18.79	20	0.1000
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@1	18.85	20.06	0.1014
2	15	15	387500	1857.5	DFT-s-OFDM 256 QAM	1@77	18.89	20.1	0.1023
2	15	15	387500	1857.5	CP-OFDM QPSK	39@19	21.88	23.09	0.2037
2	15	15	387500	1857.5	CP-OFDM QPSK	1@1	22.26	23.47	0.2223
2	15	15	387500	1857.5	CP-OFDM QPSK	1@77	22.16	23.37	0.2173
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	36@18	23.81	25.02	0.3177
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.72	24.93	0.3112
2	15	15	392000	1880	DFT-s-OFDM PI/2 BPSK	1@77	23.77	24.98	0.3148
2	15	15	392000	1880	DFT-s-OFDM QPSK	36@18	23.74	24.95	0.3126
2	15	15	392000	1880	DFT-s-OFDM QPSK	1@1	23.91	25.12	0.3251
2	15	15	392000	1880	DFT-s-OFDM QPSK	1@77	23.78	24.99	0.3155
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	36@18	22.79	24	0.2512
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.91	24.12	0.2582
2	15	15	392000	1880	DFT-s-OFDM 16 QAM	1@77	22.86	24.07	0.2553
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	36@18	21.3	22.51	0.1782
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.39	22.6	0.1820
2	15	15	392000	1880	DFT-s-OFDM 64 QAM	1@77	21.28	22.49	0.1774
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	36@18	19.17	20.38	0.1091
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	1@1	19.26	20.47	0.1114
2	15	15	392000	1880	DFT-s-OFDM 256 QAM	1@77	19.22	20.43	0.1104
2	15	15	392000	1880	CP-OFDM QPSK	39@19	22.33	23.54	0.2259
2	15	15	392000	1880	CP-OFDM QPSK	1@1	22.33	23.54	0.2259
2	15	15	392000	1880	CP-OFDM QPSK	1@77	22.27	23.48	0.2228
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	36@18	23.34	24.55	0.2851
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@1	23.21	24.42	0.2767
2	15	15	396500	1902.5	DFT-s-OFDM PI/2 BPSK	1@77	23.16	24.37	0.2735

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	36@18	23.26	24.47	0.2799
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	1@1	23.4	24.61	0.2891
2	15	15	396500	1902.5	DFT-s-OFDM QPSK	1@77	23.32	24.53	0.2838
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	36@18	22.35	23.56	0.2270
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	1@1	22.45	23.66	0.2323
2	15	15	396500	1902.5	DFT-s-OFDM 16 QAM	1@77	22.32	23.53	0.2254
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	36@18	20.82	22.03	0.1596
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	1@1	20.94	22.15	0.1641
2	15	15	396500	1902.5	DFT-s-OFDM 64 QAM	1@77	20.85	22.06	0.1607
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	36@18	18.67	19.88	0.0973
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	1@1	18.85	20.06	0.1014
2	15	15	396500	1902.5	DFT-s-OFDM 256 QAM	1@77	18.77	19.98	0.0995
2	15	15	396500	1902.5	CP-OFDM QPSK	39@19	21.8	23.01	0.2000
2	15	15	396500	1902.5	CP-OFDM QPSK	1@1	21.95	23.16	0.2070
2	15	15	396500	1902.5	CP-OFDM QPSK	1@77	21.7	22.91	0.1954
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	50@25	23.41	24.62	0.2897
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@1	23.29	24.5	0.2818
2	15	20	388000	1860	DFT-s-OFDM PI/2 BPSK	1@104	23.45	24.66	0.2924
2	15	20	388000	1860	DFT-s-OFDM QPSK	50@25	23.46	24.67	0.2931
2	15	20	388000	1860	DFT-s-OFDM QPSK	1@1	23.46	24.67	0.2931
2	15	20	388000	1860	DFT-s-OFDM QPSK	1@104	23.52	24.73	0.2972
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	50@25	22.43	23.64	0.2312
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@1	22.51	23.72	0.2355
2	15	20	388000	1860	DFT-s-OFDM 16 QAM	1@104	22.56	23.77	0.2382
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	50@25	20.92	22.13	0.1633
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@1	21.02	22.23	0.1671
2	15	20	388000	1860	DFT-s-OFDM 64 QAM	1@104	21.06	22.27	0.1687
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	50@25	18.88	20.09	0.1021
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@1	19.25	20.46	0.1112
2	15	20	388000	1860	DFT-s-OFDM 256 QAM	1@104	19.28	20.49	0.1119

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	20	388000	1860	CP-OFDM QPSK	53@26	21.92	23.13	0.2056
2	15	20	388000	1860	CP-OFDM QPSK	1@1	21.98	23.19	0.2084
2	15	20	388000	1860	CP-OFDM QPSK	1@104	21.96	23.17	0.2075
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	50@25	23.82	25.03	0.3184
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	1@1	23.7	24.91	0.3097
2	15	20	392000	1880	DFT-s-OFDM PI/2 BPSK	1@104	23.61	24.82	0.3034
2	15	20	392000	1880	DFT-s-OFDM QPSK	50@25	23.76	24.97	0.3141
2	15	20	392000	1880	DFT-s-OFDM QPSK	1@1	23.92	25.13	0.3258
2	15	20	392000	1880	DFT-s-OFDM QPSK	1@104	23.78	24.99	0.3155
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	50@25	22.8	24.01	0.2518
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	1@1	22.92	24.13	0.2588
2	15	20	392000	1880	DFT-s-OFDM 16 QAM	1@104	22.78	23.99	0.2506
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	50@25	21.28	22.49	0.1774
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	1@1	21.42	22.63	0.1832
2	15	20	392000	1880	DFT-s-OFDM 64 QAM	1@104	21.31	22.52	0.1786
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	50@25	19.26	20.47	0.1114
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	1@1	19.34	20.55	0.1135
2	15	20	392000	1880	DFT-s-OFDM 256 QAM	1@104	19.38	20.59	0.1146
2	15	20	392000	1880	CP-OFDM QPSK	53@26	22.29	23.5	0.2239
2	15	20	392000	1880	CP-OFDM QPSK	1@1	22.37	23.58	0.2280
2	15	20	392000	1880	CP-OFDM QPSK	1@104	22.35	23.56	0.2270
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	50@25	23.31	24.52	0.2831
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	1@1	23.2	24.41	0.2761
2	15	20	396000	1900	DFT-s-OFDM PI/2 BPSK	1@104	23.16	24.37	0.2735
2	15	20	396000	1900	DFT-s-OFDM QPSK	50@25	23.28	24.49	0.2812
2	15	20	396000	1900	DFT-s-OFDM QPSK	1@1	23.39	24.6	0.2884
2	15	20	396000	1900	DFT-s-OFDM QPSK	1@104	23.32	24.53	0.2838
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	50@25	22.35	23.56	0.2270
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	1@1	22.38	23.59	0.2286
2	15	20	396000	1900	DFT-s-OFDM 16 QAM	1@104	22.3	23.51	0.2244

5G NR n2 SA for ANT0 (GT-LC=1.21dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	50@25	20.81	22.02	0.1592
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	1@1	20.91	22.12	0.1629
2	15	20	396000	1900	DFT-s-OFDM 64 QAM	1@104	20.84	22.05	0.1603
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	50@25	18.75	19.96	0.0991
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	1@1	19.13	20.34	0.1081
2	15	20	396000	1900	DFT-s-OFDM 256 QAM	1@104	18.98	20.19	0.1045
2	15	20	396000	1900	CP-OFDM QPSK	53@26	21.77	22.98	0.1986
2	15	20	396000	1900	CP-OFDM QPSK	1@1	21.94	23.15	0.2065
2	15	20	396000	1900	CP-OFDM QPSK	1@104	21.77	22.98	0.1986

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	12@6	23.7	20.95	0.1245
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@1	23.77	21.02	0.1265
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@23	23.61	20.86	0.1219
5	15	5	174300	826.5	DFT-s-OFDM QPSK	12@6	23.64	20.89	0.1227
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@1	23.91	21.16	0.1306
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@23	23.86	21.11	0.1291
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	12@6	22.69	19.94	0.0986
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@1	23.08	20.33	0.1079
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@23	23.09	20.34	0.1081
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	12@6	21.31	18.56	0.0718
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@1	21.56	18.81	0.0760
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@23	21.52	18.77	0.0753
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	12@6	19.19	16.44	0.0441
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@1	19.09	16.34	0.0431
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@23	19.03	16.28	0.0425
5	15	5	174300	826.5	CP-OFDM QPSK	13@6	22.3	19.55	0.0902
5	15	5	174300	826.5	CP-OFDM QPSK	1@1	22.47	19.72	0.0938
5	15	5	174300	826.5	CP-OFDM QPSK	1@23	22.4	19.65	0.0923
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	12@6	23.52	20.77	0.1194
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.51	20.76	0.1191
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@23	23.52	20.77	0.1194
5	15	5	176300	836.5	DFT-s-OFDM QPSK	12@6	23.59	20.84	0.1213
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@1	23.67	20.92	0.1236
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@23	23.67	20.92	0.1236
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	12@6	22.59	19.84	0.0964
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.76	20.01	0.1002
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@23	22.82	20.07	0.1016
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	12@6	21.22	18.47	0.0703
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.38	18.63	0.0729

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@23	21.36	18.61	0.0726
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	12@6	19.08	16.33	0.0430
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.93	16.18	0.0415
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@23	18.94	16.19	0.0416
5	15	5	176300	836.5	CP-OFDM QPSK	13@6	22.15	19.4	0.0871
5	15	5	176300	836.5	CP-OFDM QPSK	1@1	22.3	19.55	0.0902
5	15	5	176300	836.5	CP-OFDM QPSK	1@23	22.27	19.52	0.0895
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	12@6	23.18	20.43	0.1104
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	23.33	20.58	0.1143
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@23	23.18	20.43	0.1104
5	15	5	178300	846.5	DFT-s-OFDM QPSK	12@6	23.25	20.5	0.1122
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@1	23.5	20.75	0.1189
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@23	23.39	20.64	0.1159
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	12@6	22.22	19.47	0.0885
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@1	22.68	19.93	0.0984
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@23	22.47	19.72	0.0938
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	12@6	20.88	18.13	0.0650
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@1	21.2	18.45	0.0700
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@23	21	18.25	0.0668
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	12@6	18.69	15.94	0.0393
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@1	18.77	16.02	0.0400
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@23	18.58	15.83	0.0383
5	15	5	178300	846.5	CP-OFDM QPSK	13@6	21.89	19.14	0.0820
5	15	5	178300	846.5	CP-OFDM QPSK	1@1	22.11	19.36	0.0863
5	15	5	178300	846.5	CP-OFDM QPSK	1@23	21.86	19.11	0.0815
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	25@12	23.68	20.93	0.1239
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	1@1	23.65	20.9	0.1230
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	1@50	23.54	20.79	0.1199
5	15	10	174800	829	DFT-s-OFDM QPSK	25@12	23.69	20.94	0.1242
5	15	10	174800	829	DFT-s-OFDM QPSK	1@1	23.93	21.18	0.1312

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	10	174800	829	DFT-s-OFDM QPSK	1@50	23.71	20.96	0.1247
5	15	10	174800	829	DFT-s-OFDM 16 QAM	25@12	22.66	19.91	0.0979
5	15	10	174800	829	DFT-s-OFDM 16 QAM	1@1	22.97	20.22	0.1052
5	15	10	174800	829	DFT-s-OFDM 16 QAM	1@50	22.78	20.03	0.1007
5	15	10	174800	829	DFT-s-OFDM 64 QAM	25@12	21.41	18.66	0.0735
5	15	10	174800	829	DFT-s-OFDM 64 QAM	1@1	21.56	18.81	0.0760
5	15	10	174800	829	DFT-s-OFDM 64 QAM	1@50	21.33	18.58	0.0721
5	15	10	174800	829	DFT-s-OFDM 256 QAM	25@12	19.23	16.48	0.0445
5	15	10	174800	829	DFT-s-OFDM 256 QAM	1@1	19.58	16.83	0.0482
5	15	10	174800	829	DFT-s-OFDM 256 QAM	1@50	19.4	16.65	0.0462
5	15	10	174800	829	CP-OFDM QPSK	26@13	22.3	19.55	0.0902
5	15	10	174800	829	CP-OFDM QPSK	1@1	22.47	19.72	0.0938
5	15	10	174800	829	CP-OFDM QPSK	1@50	22.26	19.51	0.0893
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@12	23.62	20.87	0.1222
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.53	20.78	0.1197
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@50	23.43	20.68	0.1169
5	15	10	176300	836.5	DFT-s-OFDM QPSK	25@12	23.67	20.92	0.1236
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@1	23.7	20.95	0.1245
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@50	23.6	20.85	0.1216
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	25@12	22.78	20.03	0.1007
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@1	22.84	20.09	0.1021
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@50	22.72	19.97	0.0993
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	25@12	21.36	18.61	0.0726
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.39	18.64	0.0731
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@50	21.24	18.49	0.0706
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	25@12	19.16	16.41	0.0438
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@1	19.48	16.73	0.0471
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@50	19.29	16.54	0.0451
5	15	10	176300	836.5	CP-OFDM QPSK	26@13	22.21	19.46	0.0883
5	15	10	176300	836.5	CP-OFDM QPSK	1@1	22.35	19.6	0.0912

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	10	176300	836.5	CP-OFDM QPSK	1@50	22.14	19.39	0.0869
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	25@12	23.37	20.62	0.1153
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	1@1	23.44	20.69	0.1172
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	1@50	23.15	20.4	0.1096
5	15	10	177800	844	DFT-s-OFDM QPSK	25@12	23.42	20.67	0.1167
5	15	10	177800	844	DFT-s-OFDM QPSK	1@1	23.56	20.81	0.1205
5	15	10	177800	844	DFT-s-OFDM QPSK	1@50	23.35	20.6	0.1148
5	15	10	177800	844	DFT-s-OFDM 16 QAM	25@12	22.52	19.77	0.0948
5	15	10	177800	844	DFT-s-OFDM 16 QAM	1@1	22.75	20	0.1000
5	15	10	177800	844	DFT-s-OFDM 16 QAM	1@50	22.43	19.68	0.0929
5	15	10	177800	844	DFT-s-OFDM 64 QAM	25@12	21.14	18.39	0.0690
5	15	10	177800	844	DFT-s-OFDM 64 QAM	1@1	21.28	18.53	0.0713
5	15	10	177800	844	DFT-s-OFDM 64 QAM	1@50	20.97	18.22	0.0664
5	15	10	177800	844	DFT-s-OFDM 256 QAM	25@12	18.94	16.19	0.0416
5	15	10	177800	844	DFT-s-OFDM 256 QAM	1@1	19.37	16.62	0.0459
5	15	10	177800	844	DFT-s-OFDM 256 QAM	1@50	19.02	16.27	0.0424
5	15	10	177800	844	CP-OFDM QPSK	26@13	21.94	19.19	0.0830
5	15	10	177800	844	CP-OFDM QPSK	1@1	22.22	19.47	0.0885
5	15	10	177800	844	CP-OFDM QPSK	1@50	21.9	19.15	0.0822
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	36@18	23.6	20.85	0.1216
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	23.61	20.86	0.1219
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@77	23.4	20.65	0.1161
5	15	15	175300	831.5	DFT-s-OFDM QPSK	36@18	23.65	20.9	0.1230
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@1	23.93	21.18	0.1312
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@77	23.57	20.82	0.1208
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	36@18	22.9	20.15	0.1035
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@1	23.02	20.27	0.1064
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@77	22.66	19.91	0.0979
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	36@18	21.35	18.6	0.0724
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@1	21.41	18.66	0.0735

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@77	20.88	18.13	0.0650
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	36@18	19.2	16.45	0.0442
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@1	19.11	16.36	0.0433
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@77	18.87	16.12	0.0409
5	15	15	175300	831.5	CP-OFDM QPSK	39@19	22.35	19.6	0.0912
5	15	15	175300	831.5	CP-OFDM QPSK	1@1	22.42	19.67	0.0927
5	15	15	175300	831.5	CP-OFDM QPSK	1@77	22.06	19.31	0.0853
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	36@18	23.5	20.75	0.1189
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.58	20.83	0.1211
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@77	23.23	20.48	0.1117
5	15	15	176300	836.5	DFT-s-OFDM QPSK	36@18	23.53	20.78	0.1197
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@1	23.86	21.11	0.1291
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@77	23.45	20.7	0.1175
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	36@18	22.7	19.95	0.0989
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@1	23.07	20.32	0.1076
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@77	22.53	19.78	0.0951
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	36@18	21.22	18.47	0.0703
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.39	18.64	0.0731
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@77	21.04	18.29	0.0675
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	36@18	19.03	16.28	0.0425
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@1	19.03	16.28	0.0425
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@77	18.76	16.01	0.0399
5	15	15	176300	836.5	CP-OFDM QPSK	39@19	22.22	19.47	0.0885
5	15	15	176300	836.5	CP-OFDM QPSK	1@1	22.33	19.58	0.0908
5	15	15	176300	836.5	CP-OFDM QPSK	1@77	21.9	19.15	0.0822
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	36@18	23.41	20.66	0.1164
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	23.48	20.73	0.1183
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@77	23.08	20.33	0.1079
5	15	15	177300	841.5	DFT-s-OFDM QPSK	36@18	23.41	20.66	0.1164
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@1	23.65	20.9	0.1230

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@77	23.35	20.6	0.1148
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	36@18	22.56	19.81	0.0957
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@1	22.77	20.02	0.1005
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@77	22.37	19.62	0.0916
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	36@18	21.12	18.37	0.0687
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@1	21.29	18.54	0.0714
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@77	20.84	18.09	0.0644
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	36@18	18.94	16.19	0.0416
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@1	18.97	16.22	0.0419
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@77	18.58	15.83	0.0383
5	15	15	177300	841.5	CP-OFDM QPSK	39@19	22.05	19.3	0.0851
5	15	15	177300	841.5	CP-OFDM QPSK	1@1	22.29	19.54	0.0899
5	15	15	177300	841.5	CP-OFDM QPSK	1@77	21.7	18.95	0.0785
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.63	20.88	0.1225
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.66	20.91	0.1233
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.26	20.51	0.1125
5	15	20	175800	834	DFT-s-OFDM QPSK	50@25	23.7	20.95	0.1245
5	15	20	175800	834	DFT-s-OFDM QPSK	1@1	23.99	21.24	0.1330
5	15	20	175800	834	DFT-s-OFDM QPSK	1@104	23.46	20.71	0.1178
5	15	20	175800	834	DFT-s-OFDM 16 QAM	50@25	22.94	20.19	0.1045
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@1	23.03	20.28	0.1067
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@104	22.5	19.75	0.0944
5	15	20	175800	834	DFT-s-OFDM 64 QAM	50@25	21.35	18.6	0.0724
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@1	21.42	18.67	0.0736
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@104	21.02	18.27	0.0671
5	15	20	175800	834	DFT-s-OFDM 256 QAM	50@25	19.19	16.44	0.0441
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@1	19.16	16.41	0.0438
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@104	18.77	16.02	0.0400
5	15	20	175800	834	CP-OFDM QPSK	53@26	22.24	19.49	0.0889
5	15	20	175800	834	CP-OFDM QPSK	1@1	22.44	19.69	0.0931

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	20	175800	834	CP-OFDM QPSK	1@104	21.96	19.21	0.0834
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.54	20.79	0.1199
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.65	20.9	0.1230
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.17	20.42	0.1102
5	15	20	176300	836.5	DFT-s-OFDM QPSK	50@25	23.61	20.86	0.1219
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@1	23.95	21.2	0.1318
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@104	23.37	20.62	0.1153
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	50@25	22.7	19.95	0.0989
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@1	23.01	20.26	0.1062
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@104	22.54	19.79	0.0953
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	50@25	21.23	18.48	0.0705
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.44	18.69	0.0740
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@104	20.94	18.19	0.0659
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	50@25	19.13	16.38	0.0435
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@1	19.16	16.41	0.0438
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@104	18.7	15.95	0.0394
5	15	20	176300	836.5	CP-OFDM QPSK	53@26	22.16	19.41	0.0873
5	15	20	176300	836.5	CP-OFDM QPSK	1@1	22.42	19.67	0.0927
5	15	20	176300	836.5	CP-OFDM QPSK	1@104	21.87	19.12	0.0817
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.5	20.75	0.1189
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.63	20.88	0.1225
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.04	20.29	0.1069
5	15	20	176800	839	DFT-s-OFDM QPSK	50@25	23.54	20.79	0.1199
5	15	20	176800	839	DFT-s-OFDM QPSK	1@1	23.88	21.13	0.1297
5	15	20	176800	839	DFT-s-OFDM QPSK	1@104	23.33	20.58	0.1143
5	15	20	176800	839	DFT-s-OFDM 16 QAM	50@25	22.65	19.9	0.0977
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@1	22.93	20.18	0.1042
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@104	22.34	19.59	0.0910
5	15	20	176800	839	DFT-s-OFDM 64 QAM	50@25	21.17	18.42	0.0695
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@1	21.32	18.57	0.0719

5G NR n5 NSA(EN DC_7A-n5A) for ANT0 (GT-LC=-0.60dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@104	20.82	18.07	0.0641
5	15	20	176800	839	DFT-s-OFDM 256 QAM	50@25	19.04	16.29	0.0426
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@1	19.13	16.38	0.0435
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@104	18.61	15.86	0.0385
5	15	20	176800	839	CP-OFDM QPSK	53@26	22.09	19.34	0.0859
5	15	20	176800	839	CP-OFDM QPSK	1@1	22.37	19.62	0.0916
5	15	20	176800	839	CP-OFDM QPSK	1@104	21.75	19	0.0794

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	12@6	23.52	24.36	0.2729
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	23.52	24.36	0.2729
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@23	23.48	24.32	0.2704
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	12@6	23.59	24.43	0.2773
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@1	23.73	24.57	0.2864
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@23	23.64	24.48	0.2805
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	12@6	22.52	23.36	0.2168
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@1	22.68	23.52	0.2249
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@23	22.63	23.47	0.2223
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	12@6	21.12	21.96	0.1570
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@1	21.25	22.09	0.1618
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@23	21.19	22.03	0.1596
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	12@6	18.77	19.61	0.0914
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@1	18.81	19.65	0.0923
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@23	18.74	19.58	0.0908
7	15	5	524500	2502.5	CP-OFDM QPSK	13@6	22.06	22.9	0.1950
7	15	5	524500	2502.5	CP-OFDM QPSK	1@1	22.13	22.97	0.1982
7	15	5	524500	2502.5	CP-OFDM QPSK	1@23	22.12	22.96	0.1977
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	12@6	23.47	24.31	0.2698
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.46	24.3	0.2692
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	1@23	23.48	24.32	0.2704
7	15	5	531000	2535	DFT-s-OFDM QPSK	12@6	23.54	24.38	0.2742
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@1	23.67	24.51	0.2825
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@23	23.66	24.5	0.2818
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	12@6	22.45	23.29	0.2133
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.69	23.53	0.2254
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@23	22.7	23.54	0.2259
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	12@6	21.12	21.96	0.1570
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.21	22.05	0.1603

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	1@23	21.18	22.02	0.1592
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	12@6	18.82	19.66	0.0925
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.88	19.72	0.0938
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	1@23	18.77	19.61	0.0914
7	15	5	531000	2535	CP-OFDM QPSK	13@6	22.03	22.87	0.1936
7	15	5	531000	2535	CP-OFDM QPSK	1@1	22.07	22.91	0.1954
7	15	5	531000	2535	CP-OFDM QPSK	1@23	22.16	23	0.1995
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	12@6	23.54	24.38	0.2742
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	24.39	0.2748
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@23	23.57	24.41	0.2761
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	12@6	23.65	24.49	0.2812
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@1	23.76	24.6	0.2884
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@23	23.77	24.61	0.2891
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	12@6	22.54	23.38	0.2178
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@1	22.73	23.57	0.2275
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@23	22.78	23.62	0.2301
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	12@6	21.2	22.04	0.1600
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@1	21.29	22.13	0.1633
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@23	21.32	22.16	0.1644
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	12@6	18.7	19.54	0.0899
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@1	18.64	19.48	0.0887
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@23	18.63	19.47	0.0885
7	15	5	537500	2567.5	CP-OFDM QPSK	13@6	22.11	22.95	0.1972
7	15	5	537500	2567.5	CP-OFDM QPSK	1@1	22.15	22.99	0.1991
7	15	5	537500	2567.5	CP-OFDM QPSK	1@23	22.2	23.04	0.2014
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	25@12	23.53	24.37	0.2735
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	1@1	23.54	24.38	0.2742
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	1@50	23.49	24.33	0.2710
7	15	10	525000	2505	DFT-s-OFDM QPSK	25@12	23.49	24.33	0.2710
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@1	23.63	24.47	0.2799

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@50	23.54	24.38	0.2742
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	25@12	22.54	23.38	0.2178
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@1	22.66	23.5	0.2239
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@50	22.56	23.4	0.2188
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	25@12	21.13	21.97	0.1574
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	1@1	21.2	22.04	0.1600
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	1@50	21.04	21.88	0.1542
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	25@12	19.11	19.95	0.0989
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	1@1	19.27	20.11	0.1026
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	1@50	19.17	20.01	0.1002
7	15	10	525000	2505	CP-OFDM QPSK	26@13	22	22.84	0.1923
7	15	10	525000	2505	CP-OFDM QPSK	1@1	22.15	22.99	0.1991
7	15	10	525000	2505	CP-OFDM QPSK	1@50	22.07	22.91	0.1954
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	25@12	23.58	24.42	0.2767
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.5	24.34	0.2716
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	1@50	23.52	24.36	0.2729
7	15	10	531000	2535	DFT-s-OFDM QPSK	25@12	23.53	24.37	0.2735
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@1	23.67	24.51	0.2825
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@50	23.69	24.53	0.2838
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	25@12	22.61	23.45	0.2213
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.71	23.55	0.2265
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@50	22.7	23.54	0.2259
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	25@12	21.22	22.06	0.1607
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.25	22.09	0.1618
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	1@50	21.25	22.09	0.1618
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	25@12	19.15	19.99	0.0998
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.24	20.08	0.1019
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	1@50	19.23	20.07	0.1016
7	15	10	531000	2535	CP-OFDM QPSK	26@13	21.96	22.8	0.1905
7	15	10	531000	2535	CP-OFDM QPSK	1@1	22.14	22.98	0.1986

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	10	531000	2535	CP-OFDM QPSK	1@50	22.12	22.96	0.1977
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	25@12	23.63	24.47	0.2799
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	1@1	23.52	24.36	0.2729
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	1@50	23.61	24.45	0.2786
7	15	10	537000	2565	DFT-s-OFDM QPSK	25@12	23.65	24.49	0.2812
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@1	23.78	24.62	0.2897
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@50	23.77	24.61	0.2891
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	25@12	22.7	23.54	0.2259
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@1	22.75	23.59	0.2286
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@50	22.82	23.66	0.2323
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	25@12	21.31	22.15	0.1641
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	1@1	21.32	22.16	0.1644
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	1@50	21.37	22.21	0.1663
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	25@12	19.22	20.06	0.1014
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	1@1	19.29	20.13	0.1030
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	1@50	19.31	20.15	0.1035
7	15	10	537000	2565	CP-OFDM QPSK	26@13	22.05	22.89	0.1945
7	15	10	537000	2565	CP-OFDM QPSK	1@1	22.19	23.03	0.2009
7	15	10	537000	2565	CP-OFDM QPSK	1@50	22.19	23.03	0.2009
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	36@18	23.43	24.27	0.2673
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	23.45	24.29	0.2685
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@77	23.29	24.13	0.2588
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	36@18	23.37	24.21	0.2636
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@1	23.62	24.46	0.2793
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@77	23.51	24.35	0.2723
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	36@18	22.43	23.27	0.2123
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@1	22.61	23.45	0.2213
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@77	22.45	23.29	0.2133
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	36@18	20.91	21.75	0.1496
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@1	21.12	21.96	0.1570

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@77	20.97	21.81	0.1517
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	36@18	18.76	19.6	0.0912
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@1	18.89	19.73	0.0940
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@77	18.71	19.55	0.0902
7	15	15	525500	2507.5	CP-OFDM QPSK	39@19	21.95	22.79	0.1901
7	15	15	525500	2507.5	CP-OFDM QPSK	1@1	22.04	22.88	0.1941
7	15	15	525500	2507.5	CP-OFDM QPSK	1@77	21.8	22.64	0.1837
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	36@18	23.49	24.33	0.2710
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.41	24.25	0.2661
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	1@77	23.51	24.35	0.2723
7	15	15	531000	2535	DFT-s-OFDM QPSK	36@18	23.45	24.29	0.2685
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@1	23.55	24.39	0.2748
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@77	23.6	24.44	0.2780
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	36@18	22.5	23.34	0.2158
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.57	23.41	0.2193
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@77	22.59	23.43	0.2203
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	36@18	21.03	21.87	0.1538
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.05	21.89	0.1545
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	1@77	21.18	22.02	0.1592
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	36@18	18.92	19.76	0.0946
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.04	19.88	0.0973
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	1@77	19.02	19.86	0.0968
7	15	15	531000	2535	CP-OFDM QPSK	39@19	22	22.84	0.1923
7	15	15	531000	2535	CP-OFDM QPSK	1@1	22.04	22.88	0.1941
7	15	15	531000	2535	CP-OFDM QPSK	1@77	22.05	22.89	0.1945
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	36@18	23.55	24.39	0.2748
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	23.47	24.31	0.2698
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@77	23.53	24.37	0.2735
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	36@18	23.52	24.36	0.2729
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@1	23.65	24.49	0.2812

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@77	23.68	24.52	0.2831
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	36@18	22.53	23.37	0.2173
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@1	22.66	23.5	0.2239
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@77	22.67	23.51	0.2244
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	36@18	21.09	21.93	0.1560
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@1	21.13	21.97	0.1574
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@77	21.19	22.03	0.1596
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	36@18	19.03	19.87	0.0971
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@1	19.1	19.94	0.0986
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@77	19.16	20	0.1000
7	15	15	536500	2562.5	CP-OFDM QPSK	39@19	22.05	22.89	0.1945
7	15	15	536500	2562.5	CP-OFDM QPSK	1@1	22.09	22.93	0.1963
7	15	15	536500	2562.5	CP-OFDM QPSK	1@77	22.01	22.85	0.1928
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	50@25	23.45	24.29	0.2685
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	1@1	23.44	24.28	0.2679
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	1@104	23.32	24.16	0.2606
7	15	20	526000	2510	DFT-s-OFDM QPSK	50@25	23.46	24.3	0.2692
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@1	23.62	24.46	0.2793
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@104	23.48	24.32	0.2704
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	50@25	22.4	23.24	0.2109
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@1	22.57	23.41	0.2193
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@104	22.49	23.33	0.2153
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	50@25	20.96	21.8	0.1514
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	1@1	21.15	21.99	0.1581
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	1@104	20.96	21.8	0.1514
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	50@25	18.83	19.67	0.0927
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	1@1	19.37	20.21	0.1050
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	1@104	19.24	20.08	0.1019
7	15	20	526000	2510	CP-OFDM QPSK	53@26	21.94	22.78	0.1897
7	15	20	526000	2510	CP-OFDM QPSK	1@1	22.12	22.96	0.1977

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	20	526000	2510	CP-OFDM QPSK	1@104	21.94	22.78	0.1897
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	50@25	23.46	24.3	0.2692
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.38	24.22	0.2642
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	1@104	23.48	24.32	0.2704
7	15	20	531000	2535	DFT-s-OFDM QPSK	50@25	23.54	24.38	0.2742
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@1	23.62	24.46	0.2793
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@104	23.61	24.45	0.2786
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	50@25	22.51	23.35	0.2163
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.48	23.32	0.2148
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@104	22.62	23.46	0.2218
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	50@25	21.01	21.85	0.1531
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.14	21.98	0.1578
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	1@104	21.06	21.9	0.1549
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	50@25	19.11	19.95	0.0989
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.24	20.08	0.1019
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	1@104	19.37	20.21	0.1050
7	15	20	531000	2535	CP-OFDM QPSK	53@26	22.04	22.88	0.1941
7	15	20	531000	2535	CP-OFDM QPSK	1@1	22.05	22.89	0.1945
7	15	20	531000	2535	CP-OFDM QPSK	1@104	22.15	22.99	0.1991
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	50@25	23.61	24.45	0.2786
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	1@1	23.48	24.32	0.2704
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	1@104	23.49	24.33	0.2710
7	15	20	536000	2560	DFT-s-OFDM QPSK	50@25	23.59	24.43	0.2773
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@1	23.66	24.5	0.2818
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@104	23.72	24.56	0.2858
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	50@25	22.6	23.44	0.2208
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@1	22.64	23.48	0.2228
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@104	22.71	23.55	0.2265
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	50@25	21.08	21.92	0.1556
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	1@1	21.16	22	0.1585

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	1@104	21.18	22.02	0.1592
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	50@25	19.31	20.15	0.1035
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	1@1	19.47	20.31	0.1074
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	1@104	19.33	20.17	0.1040
7	15	20	536000	2560	CP-OFDM QPSK	53@26	22.1	22.94	0.1968
7	15	20	536000	2560	CP-OFDM QPSK	1@1	22.11	22.95	0.1972
7	15	20	536000	2560	CP-OFDM QPSK	1@104	22.12	22.96	0.1977
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	64@32	23.48	24.32	0.2704
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	23.52	24.36	0.2729
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	1@131	23.46	24.3	0.2692
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	64@32	23.48	24.32	0.2704
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@1	23.59	24.43	0.2773
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@131	23.59	24.43	0.2773
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	64@32	22.52	23.36	0.2168
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@1	22.72	23.56	0.2270
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@131	22.7	23.54	0.2259
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	64@32	21	21.84	0.1528
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	1@1	21.23	22.07	0.1611
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	1@131	21.22	22.06	0.1607
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	64@32	18.91	19.75	0.0944
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	1@1	19.08	19.92	0.0982
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	1@131	19	19.84	0.0964
7	15	25	526500	2512.5	CP-OFDM QPSK	67@33	21.96	22.8	0.1905
7	15	25	526500	2512.5	CP-OFDM QPSK	1@1	22.23	23.07	0.2028
7	15	25	526500	2512.5	CP-OFDM QPSK	1@131	22.1	22.94	0.1968
7	15	25	531000	2535	DFT-s-OFDM PI/2 BPSK	64@32	23.55	24.39	0.2748
7	15	25	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.51	24.35	0.2723
7	15	25	531000	2535	DFT-s-OFDM PI/2 BPSK	1@131	23.57	24.41	0.2761
7	15	25	531000	2535	DFT-s-OFDM QPSK	64@32	23.61	24.45	0.2786
7	15	25	531000	2535	DFT-s-OFDM QPSK	1@1	23.58	24.42	0.2767

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	25	531000	2535	DFT-s-OFDM QPSK	1@131	23.75	24.59	0.2877
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	64@32	22.58	23.42	0.2198
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.59	23.43	0.2203
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	1@131	22.7	23.54	0.2259
7	15	25	531000	2535	DFT-s-OFDM 64 QAM	64@32	21.07	21.91	0.1552
7	15	25	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.11	21.95	0.1567
7	15	25	531000	2535	DFT-s-OFDM 64 QAM	1@131	21.19	22.03	0.1596
7	15	25	531000	2535	DFT-s-OFDM 256 QAM	64@32	18.92	19.76	0.0946
7	15	25	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.96	19.8	0.0955
7	15	25	531000	2535	DFT-s-OFDM 256 QAM	1@131	19.1	19.94	0.0986
7	15	25	531000	2535	CP-OFDM QPSK	67@33	22.07	22.91	0.1954
7	15	25	531000	2535	CP-OFDM QPSK	1@1	21.88	22.72	0.1871
7	15	25	531000	2535	CP-OFDM QPSK	1@131	22.01	22.85	0.1928
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	64@32	23.69	24.53	0.2838
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	23.58	24.42	0.2767
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	1@131	23.62	24.46	0.2793
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	64@32	23.67	24.51	0.2825
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@1	23.83	24.67	0.2931
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@131	23.85	24.69	0.2944
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	64@32	22.66	23.5	0.2239
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@1	22.75	23.59	0.2286
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@131	22.85	23.69	0.2339
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	64@32	21.21	22.05	0.1603
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	1@1	21.33	22.17	0.1648
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	1@131	21.3	22.14	0.1637
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	64@32	19.36	20.2	0.1047
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	1@1	19.35	20.19	0.1045
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	1@131	19.37	20.21	0.1050
7	15	25	535500	2557.5	CP-OFDM QPSK	67@33	22.16	23	0.1995
7	15	25	535500	2557.5	CP-OFDM QPSK	1@1	22.28	23.12	0.2051

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	25	535500	2557.5	CP-OFDM QPSK	1@131	22.19	23.03	0.2009
7	15	30	527000	2515	DFT-s-OFDM PI/2 BPSK	80@40	23.51	24.35	0.2723
7	15	30	527000	2515	DFT-s-OFDM PI/2 BPSK	1@1	23.55	24.39	0.2748
7	15	30	527000	2515	DFT-s-OFDM PI/2 BPSK	1@158	23.52	24.36	0.2729
7	15	30	527000	2515	DFT-s-OFDM QPSK	80@40	23.52	24.36	0.2729
7	15	30	527000	2515	DFT-s-OFDM QPSK	1@1	23.55	24.39	0.2748
7	15	30	527000	2515	DFT-s-OFDM QPSK	1@158	23.68	24.52	0.2831
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	80@40	22.53	23.37	0.2173
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	1@1	22.63	23.47	0.2223
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	1@158	22.74	23.58	0.2280
7	15	30	527000	2515	DFT-s-OFDM 64 QAM	80@40	21.02	21.86	0.1535
7	15	30	527000	2515	DFT-s-OFDM 64 QAM	1@1	21.19	22.03	0.1596
7	15	30	527000	2515	DFT-s-OFDM 64 QAM	1@158	21.25	22.09	0.1618
7	15	30	527000	2515	DFT-s-OFDM 256 QAM	80@40	18.95	19.79	0.0953
7	15	30	527000	2515	DFT-s-OFDM 256 QAM	1@1	19.14	19.98	0.0995
7	15	30	527000	2515	DFT-s-OFDM 256 QAM	1@158	19.2	20.04	0.1009
7	15	30	527000	2515	CP-OFDM QPSK	80@40	21.96	22.8	0.1905
7	15	30	527000	2515	CP-OFDM QPSK	1@1	22.2	23.04	0.2014
7	15	30	527000	2515	CP-OFDM QPSK	1@158	22.25	23.09	0.2037
7	15	30	531000	2535	DFT-s-OFDM PI/2 BPSK	80@40	23.58	24.42	0.2767
7	15	30	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.38	24.22	0.2642
7	15	30	531000	2535	DFT-s-OFDM PI/2 BPSK	1@158	23.56	24.4	0.2754
7	15	30	531000	2535	DFT-s-OFDM QPSK	80@40	23.66	24.5	0.2818
7	15	30	531000	2535	DFT-s-OFDM QPSK	1@1	23.53	24.37	0.2735
7	15	30	531000	2535	DFT-s-OFDM QPSK	1@158	23.76	24.6	0.2884
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	80@40	22.62	23.46	0.2218
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.58	23.42	0.2198
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	1@158	22.74	23.58	0.2280
7	15	30	531000	2535	DFT-s-OFDM 64 QAM	80@40	21.13	21.97	0.1574
7	15	30	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.12	21.96	0.1570

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	30	531000	2535	DFT-s-OFDM 64 QAM	1@158	21.24	22.08	0.1614
7	15	30	531000	2535	DFT-s-OFDM 256 QAM	80@40	19.15	19.99	0.0998
7	15	30	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.02	19.86	0.0968
7	15	30	531000	2535	DFT-s-OFDM 256 QAM	1@158	19.27	20.11	0.1026
7	15	30	531000	2535	CP-OFDM QPSK	80@40	22.06	22.9	0.1950
7	15	30	531000	2535	CP-OFDM QPSK	1@1	22.13	22.97	0.1982
7	15	30	531000	2535	CP-OFDM QPSK	1@158	22.21	23.05	0.2018
7	15	30	535000	2555	DFT-s-OFDM PI/2 BPSK	80@40	23.65	24.49	0.2812
7	15	30	535000	2555	DFT-s-OFDM PI/2 BPSK	1@1	23.64	24.48	0.2805
7	15	30	535000	2555	DFT-s-OFDM PI/2 BPSK	1@158	23.65	24.49	0.2812
7	15	30	535000	2555	DFT-s-OFDM QPSK	80@40	23.7	24.54	0.2844
7	15	30	535000	2555	DFT-s-OFDM QPSK	1@1	23.72	24.56	0.2858
7	15	30	535000	2555	DFT-s-OFDM QPSK	1@158	23.97	24.81	0.3027
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	80@40	22.71	23.55	0.2265
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	1@1	22.72	23.56	0.2270
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	1@158	22.89	23.73	0.2360
7	15	30	535000	2555	DFT-s-OFDM 64 QAM	80@40	21.2	22.04	0.1600
7	15	30	535000	2555	DFT-s-OFDM 64 QAM	1@1	21.21	22.05	0.1603
7	15	30	535000	2555	DFT-s-OFDM 64 QAM	1@158	21.33	22.17	0.1648
7	15	30	535000	2555	DFT-s-OFDM 256 QAM	80@40	19.22	20.06	0.1014
7	15	30	535000	2555	DFT-s-OFDM 256 QAM	1@1	19.14	19.98	0.0995
7	15	30	535000	2555	DFT-s-OFDM 256 QAM	1@158	19.28	20.12	0.1028
7	15	30	535000	2555	CP-OFDM QPSK	80@40	22.04	22.88	0.1941
7	15	30	535000	2555	CP-OFDM QPSK	1@1	22.26	23.1	0.2042
7	15	30	535000	2555	CP-OFDM QPSK	1@158	22.32	23.16	0.2070
7	15	40	528000	2520	DFT-s-OFDM PI/2 BPSK	108@54	23.55	24.39	0.2748
7	15	40	528000	2520	DFT-s-OFDM PI/2 BPSK	1@1	23.54	24.38	0.2742
7	15	40	528000	2520	DFT-s-OFDM PI/2 BPSK	1@214	23.57	24.41	0.2761
7	15	40	528000	2520	DFT-s-OFDM QPSK	108@54	23.55	24.39	0.2748
7	15	40	528000	2520	DFT-s-OFDM QPSK	1@1	23.5	24.34	0.2716

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	40	528000	2520	DFT-s-OFDM QPSK	1@214	23.77	24.61	0.2891
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	108@54	22.56	23.4	0.2188
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	1@1	22.61	23.45	0.2213
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	1@214	22.7	23.54	0.2259
7	15	40	528000	2520	DFT-s-OFDM 64 QAM	108@54	21.01	21.85	0.1531
7	15	40	528000	2520	DFT-s-OFDM 64 QAM	1@1	21.14	21.98	0.1578
7	15	40	528000	2520	DFT-s-OFDM 64 QAM	1@214	21.23	22.07	0.1611
7	15	40	528000	2520	DFT-s-OFDM 256 QAM	108@54	18.95	19.79	0.0953
7	15	40	528000	2520	DFT-s-OFDM 256 QAM	1@1	19.34	20.18	0.1042
7	15	40	528000	2520	DFT-s-OFDM 256 QAM	1@214	19.52	20.36	0.1086
7	15	40	528000	2520	CP-OFDM QPSK	108@54	21.97	22.81	0.1910
7	15	40	528000	2520	CP-OFDM QPSK	1@1	22.17	23.01	0.2000
7	15	40	528000	2520	CP-OFDM QPSK	1@214	22.14	22.98	0.1986
7	15	40	531000	2535	DFT-s-OFDM PI/2 BPSK	108@54	23.62	24.46	0.2793
7	15	40	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.42	24.26	0.2667
7	15	40	531000	2535	DFT-s-OFDM PI/2 BPSK	1@214	23.53	24.37	0.2735
7	15	40	531000	2535	DFT-s-OFDM QPSK	108@54	23.69	24.53	0.2838
7	15	40	531000	2535	DFT-s-OFDM QPSK	1@1	23.63	24.47	0.2799
7	15	40	531000	2535	DFT-s-OFDM QPSK	1@214	23.74	24.58	0.2871
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	108@54	22.69	23.53	0.2254
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.64	23.48	0.2228
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	1@214	22.7	23.54	0.2259
7	15	40	531000	2535	DFT-s-OFDM 64 QAM	108@54	21.16	22	0.1585
7	15	40	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.15	21.99	0.1581
7	15	40	531000	2535	DFT-s-OFDM 64 QAM	1@214	21.21	22.05	0.1603
7	15	40	531000	2535	DFT-s-OFDM 256 QAM	108@54	19.11	19.95	0.0989
7	15	40	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.22	20.06	0.1014
7	15	40	531000	2535	DFT-s-OFDM 256 QAM	1@214	19.32	20.16	0.1038
7	15	40	531000	2535	CP-OFDM QPSK	108@54	22.04	22.88	0.1941
7	15	40	531000	2535	CP-OFDM QPSK	1@1	22.09	22.93	0.1963

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	40	531000	2535	CP-OFDM QPSK	1@214	22.22	23.06	0.2023
7	15	40	534000	2550	DFT-s-OFDM PI/2 BPSK	108@54	23.68	24.52	0.2831
7	15	40	534000	2550	DFT-s-OFDM PI/2 BPSK	1@1	23.55	24.39	0.2748
7	15	40	534000	2550	DFT-s-OFDM PI/2 BPSK	1@214	23.67	24.51	0.2825
7	15	40	534000	2550	DFT-s-OFDM QPSK	108@54	23.68	24.52	0.2831
7	15	40	534000	2550	DFT-s-OFDM QPSK	1@1	23.78	24.62	0.2897
7	15	40	534000	2550	DFT-s-OFDM QPSK	1@214	23.76	24.6	0.2884
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	108@54	22.73	23.57	0.2275
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	1@1	22.73	23.57	0.2275
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	1@214	22.77	23.61	0.2296
7	15	40	534000	2550	DFT-s-OFDM 64 QAM	108@54	21.21	22.05	0.1603
7	15	40	534000	2550	DFT-s-OFDM 64 QAM	1@1	21.26	22.1	0.1622
7	15	40	534000	2550	DFT-s-OFDM 64 QAM	1@214	21.28	22.12	0.1629
7	15	40	534000	2550	DFT-s-OFDM 256 QAM	108@54	19.12	19.96	0.0991
7	15	40	534000	2550	DFT-s-OFDM 256 QAM	1@1	19.56	20.4	0.1096
7	15	40	534000	2550	DFT-s-OFDM 256 QAM	1@214	19.62	20.46	0.1112
7	15	40	534000	2550	CP-OFDM QPSK	108@54	22.11	22.95	0.1972
7	15	40	534000	2550	CP-OFDM QPSK	1@1	22.23	23.07	0.2028
7	15	40	534000	2550	CP-OFDM QPSK	1@214	22.21	23.05	0.2018
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	135@67	23.43	24.27	0.2673
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	1@1	23.48	24.32	0.2704
7	15	50	529000	2525	DFT-s-OFDM PI/2 BPSK	1@268	23.5	24.34	0.2716
7	15	50	529000	2525	DFT-s-OFDM QPSK	135@67	23.4	24.24	0.2655
7	15	50	529000	2525	DFT-s-OFDM QPSK	1@1	23.42	24.26	0.2667
7	15	50	529000	2525	DFT-s-OFDM QPSK	1@268	23.64	24.48	0.2805
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	135@67	22.47	23.31	0.2143
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	1@1	22.51	23.35	0.2163
7	15	50	529000	2525	DFT-s-OFDM 16 QAM	1@268	22.63	23.47	0.2223
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	135@67	20.92	21.76	0.1500
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	1@1	21.09	21.93	0.1560

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	50	529000	2525	DFT-s-OFDM 64 QAM	1@268	21.1	21.94	0.1563
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	135@67	18.77	19.61	0.0914
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	1@1	18.63	19.47	0.0885
7	15	50	529000	2525	DFT-s-OFDM 256 QAM	1@268	18.91	19.75	0.0944
7	15	50	529000	2525	CP-OFDM QPSK	135@67	21.86	22.7	0.1862
7	15	50	529000	2525	CP-OFDM QPSK	1@1	22.12	22.96	0.1977
7	15	50	529000	2525	CP-OFDM QPSK	1@268	22.04	22.88	0.1941
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	135@67	23.48	24.32	0.2704
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.38	24.22	0.2642
7	15	50	531000	2535	DFT-s-OFDM PI/2 BPSK	1@268	23.56	24.4	0.2754
7	15	50	531000	2535	DFT-s-OFDM QPSK	135@67	23.49	24.33	0.2710
7	15	50	531000	2535	DFT-s-OFDM QPSK	1@1	23.53	24.37	0.2735
7	15	50	531000	2535	DFT-s-OFDM QPSK	1@268	23.68	24.52	0.2831
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	135@67	22.57	23.41	0.2193
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.55	23.39	0.2183
7	15	50	531000	2535	DFT-s-OFDM 16 QAM	1@268	22.59	23.43	0.2203
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	135@67	21	21.84	0.1528
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.07	21.91	0.1552
7	15	50	531000	2535	DFT-s-OFDM 64 QAM	1@268	21.11	21.95	0.1567
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	135@67	18.49	19.33	0.0857
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.53	19.37	0.0865
7	15	50	531000	2535	DFT-s-OFDM 256 QAM	1@268	18.88	19.72	0.0938
7	15	50	531000	2535	CP-OFDM QPSK	135@67	21.99	22.83	0.1919
7	15	50	531000	2535	CP-OFDM QPSK	1@1	21.97	22.81	0.1910
7	15	50	531000	2535	CP-OFDM QPSK	1@268	22.05	22.89	0.1945
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	135@67	23.5	24.34	0.2716
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	1@1	23.38	24.22	0.2642
7	15	50	533000	2545	DFT-s-OFDM PI/2 BPSK	1@268	23.56	24.4	0.2754
7	15	50	533000	2545	DFT-s-OFDM QPSK	135@67	23.52	24.36	0.2729
7	15	50	533000	2545	DFT-s-OFDM QPSK	1@1	23.57	24.41	0.2761

5G NR n7 SA for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	50	533000	2545	DFT-s-OFDM QPSK	1@268	23.69	24.53	0.2838
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	135@67	22.59	23.43	0.2203
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	1@1	22.52	23.36	0.2168
7	15	50	533000	2545	DFT-s-OFDM 16 QAM	1@268	22.79	23.63	0.2307
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	135@67	21.03	21.87	0.1538
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	1@1	21.05	21.89	0.1545
7	15	50	533000	2545	DFT-s-OFDM 64 QAM	1@268	21.28	22.12	0.1629
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	135@67	18.67	19.51	0.0893
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	1@1	18.58	19.42	0.0875
7	15	50	533000	2545	DFT-s-OFDM 256 QAM	1@268	18.97	19.81	0.0957
7	15	50	533000	2545	CP-OFDM QPSK	135@67	22.01	22.85	0.1928
7	15	50	533000	2545	CP-OFDM QPSK	1@1	22.02	22.86	0.1932
7	15	50	533000	2545	CP-OFDM QPSK	1@268	22.11	22.95	0.1972

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	12@6	23.44	24.28	0.2679
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	23.46	24.3	0.2692
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@23	23.45	24.29	0.2685
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	12@6	23.44	24.28	0.2679
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@1	23.47	24.31	0.2698
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@23	23.46	24.3	0.2692
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	12@6	22.66	23.5	0.2239
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@1	22.6	23.44	0.2208
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@23	22.61	23.45	0.2213
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	12@6	21.11	21.95	0.1567
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@1	21.28	22.12	0.1629
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@23	21.2	22.04	0.1600
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	12@6	18.98	19.82	0.0959
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@1	18.53	19.37	0.0865
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@23	18.44	19.28	0.0847
7	15	5	524500	2502.5	CP-OFDM QPSK	13@6	22.09	22.93	0.1963
7	15	5	524500	2502.5	CP-OFDM QPSK	1@1	22.01	22.85	0.1928
7	15	5	524500	2502.5	CP-OFDM QPSK	1@23	21.95	22.79	0.1901
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	12@6	23.36	24.2	0.2630
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.35	24.19	0.2624
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	1@23	23.37	24.21	0.2636
7	15	5	531000	2535	DFT-s-OFDM QPSK	12@6	23.37	24.21	0.2636
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@1	23.43	24.27	0.2673
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@23	23.4	24.24	0.2655
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	12@6	22.57	23.41	0.2193
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.53	23.37	0.2173
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@23	22.54	23.38	0.2178
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	12@6	21.04	21.88	0.1542
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.19	22.03	0.1596

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	1@23	21.25	22.09	0.1618
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	12@6	18.95	19.79	0.0953
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.53	19.37	0.0865
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	1@23	18.53	19.37	0.0865
7	15	5	531000	2535	CP-OFDM QPSK	13@6	21.97	22.81	0.1910
7	15	5	531000	2535	CP-OFDM QPSK	1@1	21.92	22.76	0.1888
7	15	5	531000	2535	CP-OFDM QPSK	1@23	21.91	22.75	0.1884
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	12@6	23.49	24.33	0.2710
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	23.47	24.31	0.2698
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@23	23.44	24.28	0.2679
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	12@6	23.44	24.28	0.2679
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@1	23.51	24.35	0.2723
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@23	23.51	24.35	0.2723
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	12@6	22.62	23.46	0.2218
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@1	22.6	23.44	0.2208
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@23	22.61	23.45	0.2213
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	12@6	21.12	21.96	0.1570
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@1	21.22	22.06	0.1607
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@23	21.24	22.08	0.1614
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	12@6	19	19.84	0.0964
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@1	18.51	19.35	0.0861
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@23	18.53	19.37	0.0865
7	15	5	537500	2567.5	CP-OFDM QPSK	13@6	22.07	22.91	0.1954
7	15	5	537500	2567.5	CP-OFDM QPSK	1@1	22.01	22.85	0.1928
7	15	5	537500	2567.5	CP-OFDM QPSK	1@23	21.97	22.81	0.1910
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	25@12	23.45	24.29	0.2685
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	1@1	23.53	24.37	0.2735
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	1@50	23.42	24.26	0.2667
7	15	10	525000	2505	DFT-s-OFDM QPSK	25@12	23.46	24.3	0.2692
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@1	23.55	24.39	0.2748

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@50	23.44	24.28	0.2679
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	25@12	23.1	23.94	0.2477
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@1	23.01	23.85	0.2427
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@50	22.77	23.61	0.2296
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	25@12	21.55	22.39	0.1734
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	1@1	21.71	22.55	0.1799
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	1@50	21.41	22.25	0.1679
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	25@12	19.45	20.29	0.1069
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	1@1	19.53	20.37	0.1089
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	1@50	19.11	19.95	0.0989
7	15	10	525000	2505	CP-OFDM QPSK	26@13	22.43	23.27	0.2123
7	15	10	525000	2505	CP-OFDM QPSK	1@1	22.54	23.38	0.2178
7	15	10	525000	2505	CP-OFDM QPSK	1@50	22.18	23.02	0.2004
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	25@12	23.24	24.08	0.2559
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.9	23.74	0.2366
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	1@50	23.57	24.41	0.2761
7	15	10	531000	2535	DFT-s-OFDM QPSK	25@12	23.23	24.07	0.2553
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@1	22.96	23.8	0.2399
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@50	23.59	24.43	0.2773
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	25@12	22.34	23.18	0.2080
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.06	22.9	0.1950
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@50	22.64	23.48	0.2228
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	25@12	20.83	21.67	0.1469
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	1@1	20.71	21.55	0.1429
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	1@50	21.32	22.16	0.1644
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	25@12	18.72	19.56	0.0904
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.45	19.29	0.0849
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	1@50	19.02	19.86	0.0968
7	15	10	531000	2535	CP-OFDM QPSK	26@13	21.74	22.58	0.1811
7	15	10	531000	2535	CP-OFDM QPSK	1@1	21.47	22.31	0.1702

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	10	531000	2535	CP-OFDM QPSK	1@50	22.11	22.95	0.1972
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	25@12	23.47	24.31	0.2698
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	1@1	23.68	24.52	0.2831
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	1@50	23.17	24.01	0.2518
7	15	10	537000	2565	DFT-s-OFDM QPSK	25@12	23.45	24.29	0.2685
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@1	23.7	24.54	0.2844
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@50	23.19	24.03	0.2529
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	25@12	22.58	23.42	0.2198
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@1	22.79	23.63	0.2307
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@50	22.33	23.17	0.2075
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	25@12	21.06	21.9	0.1549
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	1@1	21.48	22.32	0.1706
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	1@50	20.93	21.77	0.1503
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	25@12	18.92	19.76	0.0946
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	1@1	19.18	20.02	0.1005
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	1@50	18.66	19.5	0.0891
7	15	10	537000	2565	CP-OFDM QPSK	26@13	21.92	22.76	0.1888
7	15	10	537000	2565	CP-OFDM QPSK	1@1	22.23	23.07	0.2028
7	15	10	537000	2565	CP-OFDM QPSK	1@50	21.73	22.57	0.1807
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	36@18	23.95	24.79	0.3013
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	23.94	24.78	0.3006
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@77	23.61	24.45	0.2786
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	36@18	23.96	24.8	0.3020
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@1	23.93	24.77	0.2999
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@77	23.54	24.38	0.2742
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	36@18	23.2	24.04	0.2535
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@1	22.88	23.72	0.2355
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@77	22.59	23.43	0.2203
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	36@18	21.66	22.5	0.1778
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@1	21.58	22.42	0.1746

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@77	21.42	22.26	0.1683
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	36@18	19.54	20.38	0.1091
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@1	19.29	20.13	0.1030
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@77	18.69	19.53	0.0897
7	15	15	525500	2507.5	CP-OFDM QPSK	39@19	22.63	23.47	0.2223
7	15	15	525500	2507.5	CP-OFDM QPSK	1@1	22.47	23.31	0.2143
7	15	15	525500	2507.5	CP-OFDM QPSK	1@77	22.01	22.85	0.1928
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	36@18	23.1	23.94	0.2477
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.71	23.55	0.2265
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	1@77	23.7	24.54	0.2844
7	15	15	531000	2535	DFT-s-OFDM QPSK	36@18	23.18	24.02	0.2523
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@1	22.81	23.65	0.2317
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@77	23.79	24.63	0.2904
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	36@18	22.17	23.01	0.2000
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.86	22.7	0.1862
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@77	22.79	23.63	0.2307
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	36@18	20.82	21.66	0.1466
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	1@1	20.57	21.41	0.1384
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	1@77	21.55	22.39	0.1734
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	36@18	18.64	19.48	0.0887
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.08	18.92	0.0780
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	1@77	19.02	19.86	0.0968
7	15	15	531000	2535	CP-OFDM QPSK	39@19	21.72	22.56	0.1803
7	15	15	531000	2535	CP-OFDM QPSK	1@1	21.3	22.14	0.1637
7	15	15	531000	2535	CP-OFDM QPSK	1@77	22.19	23.03	0.2009
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	36@18	23.49	24.33	0.2710
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	23.97	24.81	0.3027
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@77	23.13	23.97	0.2495
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	36@18	23.59	24.43	0.2773
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@1	23.93	24.77	0.2999

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@77	23.11	23.95	0.2483
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	36@18	22.64	23.48	0.2228
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@1	23.09	23.93	0.2472
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@77	22.17	23.01	0.2000
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	36@18	21.23	22.07	0.1611
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@1	21.65	22.49	0.1774
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@77	21	21.84	0.1528
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	36@18	19.04	19.88	0.0973
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@1	19.27	20.11	0.1026
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@77	18.46	19.3	0.0851
7	15	15	536500	2562.5	CP-OFDM QPSK	39@19	22.08	22.92	0.1959
7	15	15	536500	2562.5	CP-OFDM QPSK	1@1	22.54	23.38	0.2178
7	15	15	536500	2562.5	CP-OFDM QPSK	1@77	21.63	22.47	0.1766
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	50@25	23.91	24.75	0.2985
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	1@1	23.96	24.8	0.3020
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	1@104	23.29	24.13	0.2588
7	15	20	526000	2510	DFT-s-OFDM QPSK	50@25	23.89	24.73	0.2972
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@1	23.87	24.71	0.2958
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@104	23.03	23.87	0.2438
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	50@25	23	23.84	0.2421
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@1	22.82	23.66	0.2323
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@104	22.05	22.89	0.1945
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	50@25	21.49	22.33	0.1710
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	1@1	21.5	22.34	0.1714
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	1@104	20.83	21.67	0.1469
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	50@25	19.39	20.23	0.1054
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	1@1	19.42	20.26	0.1062
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	1@104	18.42	19.26	0.0843
7	15	20	526000	2510	CP-OFDM QPSK	53@26	22.37	23.21	0.2094
7	15	20	526000	2510	CP-OFDM QPSK	1@1	22.4	23.24	0.2109

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	20	526000	2510	CP-OFDM QPSK	1@104	21.57	22.41	0.1742
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	50@25	23.14	23.98	0.2500
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	22.68	23.52	0.2249
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	1@104	23.83	24.67	0.2931
7	15	20	531000	2535	DFT-s-OFDM QPSK	50@25	23.14	23.98	0.2500
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@1	22.71	23.55	0.2265
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@104	23.83	24.67	0.2931
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	50@25	22.28	23.12	0.2051
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@1	21.84	22.68	0.1854
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@104	22.87	23.71	0.2350
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	50@25	20.75	21.59	0.1442
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	1@1	20.52	21.36	0.1368
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	1@104	21.7	22.54	0.1795
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	50@25	18.63	19.47	0.0885
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.33	19.17	0.0826
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	1@104	19.45	20.29	0.1069
7	15	20	531000	2535	CP-OFDM QPSK	53@26	21.74	22.58	0.1811
7	15	20	531000	2535	CP-OFDM QPSK	1@1	21.26	22.1	0.1622
7	15	20	531000	2535	CP-OFDM QPSK	1@104	22.3	23.14	0.2061
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	50@25	23.74	24.58	0.2871
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	1@1	23.99	24.83	0.3041
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	1@104	23.12	23.96	0.2489
7	15	20	536000	2560	DFT-s-OFDM QPSK	50@25	23.7	24.54	0.2844
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@1	23.96	24.8	0.3020
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@104	23.13	23.97	0.2495
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	50@25	22.82	23.66	0.2323
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@1	23.1	23.94	0.2477
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@104	22.23	23.07	0.2028
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	50@25	21.31	22.15	0.1641
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	1@1	21.82	22.66	0.1845

5G NR n7 NSA(EN DC_2A-n7A) for ANT2 (GT-LC=0.84dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	1@104	20.93	21.77	0.1503
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	50@25	19.21	20.05	0.1012
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	1@1	19.67	20.51	0.1125
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	1@104	18.75	19.59	0.0910
7	15	20	536000	2560	CP-OFDM QPSK	53@26	22.24	23.08	0.2032
7	15	20	536000	2560	CP-OFDM QPSK	1@1	22.6	23.44	0.2208
7	15	20	536000	2560	CP-OFDM QPSK	1@104	21.64	22.48	0.1770

5G NR n38 SA for ANT2 (GT-LC=-0.44dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	25@12	23.65	23.21	0.2094
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	23.86	23.42	0.2198
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@49	23.96	23.52	0.2249
38	30	20	516000	2580	DFT-s-OFDM QPSK	25@12	23.7	23.26	0.2118
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.88	23.44	0.2208
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@49	23.96	23.52	0.2249
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	25@12	22.72	22.28	0.1690
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.07	22.63	0.1832
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@49	23.34	22.9	0.1950
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	25@12	21.2	20.76	0.1191
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@1	21.51	21.07	0.1279
38	30	20	516000	2580	DFT-s-OFDM 64 QAM	1@49	21.46	21.02	0.1265
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	25@12	19.08	18.64	0.0731
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@1	19.31	18.87	0.0771
38	30	20	516000	2580	DFT-s-OFDM 256 QAM	1@49	19.43	18.99	0.0793
38	30	20	516000	2580	CP-OFDM QPSK	25@12	22.26	21.82	0.1521
38	30	20	516000	2580	CP-OFDM QPSK	1@1	22.6	22.16	0.1644
38	30	20	516000	2580	CP-OFDM QPSK	1@49	22.71	22.27	0.1687
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	25@12	23.66	23.22	0.2099
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.96	23.52	0.2249
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@49	23.96	23.52	0.2249
38	30	20	519000	2595	DFT-s-OFDM QPSK	25@12	23.68	23.24	0.2109
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.96	23.52	0.2249
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@49	23.88	23.44	0.2208
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	25@12	22.72	22.28	0.1690
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.19	22.75	0.1884
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@49	23.34	22.9	0.1950
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	25@12	21.22	20.78	0.1197
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.52	21.08	0.1282

5G NR n38 SA for ANT2 (GT-LC=-0.44dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	20	519000	2595	DFT-s-OFDM 64 QAM	1@49	21.43	20.99	0.1256
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	25@12	19.09	18.65	0.0733
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.39	18.95	0.0785
38	30	20	519000	2595	DFT-s-OFDM 256 QAM	1@49	19.54	19.1	0.0813
38	30	20	519000	2595	CP-OFDM QPSK	25@12	22.26	21.82	0.1521
38	30	20	519000	2595	CP-OFDM QPSK	1@1	22.66	22.22	0.1667
38	30	20	519000	2595	CP-OFDM QPSK	1@49	22.55	22.11	0.1626
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	25@12	23.57	23.13	0.2056
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	23.86	23.42	0.2198
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@49	23.96	23.52	0.2249
38	30	20	522000	2610	DFT-s-OFDM QPSK	25@12	23.59	23.15	0.2065
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.86	23.42	0.2198
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@49	23.99	23.55	0.2265
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	25@12	22.65	22.21	0.1663
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.21	22.77	0.1892
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@49	23.28	22.84	0.1923
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	25@12	21.11	20.67	0.1167
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@1	21.42	20.98	0.1253
38	30	20	522000	2610	DFT-s-OFDM 64 QAM	1@49	21.43	20.99	0.1256
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	25@12	19.04	18.6	0.0724
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@1	19.28	18.84	0.0766
38	30	20	522000	2610	DFT-s-OFDM 256 QAM	1@49	19.55	19.11	0.0815
38	30	20	522000	2610	CP-OFDM QPSK	25@12	22.14	21.7	0.1479
38	30	20	522000	2610	CP-OFDM QPSK	1@1	22.5	22.06	0.1607
38	30	20	522000	2610	CP-OFDM QPSK	1@49	22.62	22.18	0.1652
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	36@18	23.7	23.26	0.2118
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	23.65	23.21	0.2094
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@76	23.81	23.37	0.2173
38	30	30	517000	2585	DFT-s-OFDM QPSK	36@18	23.7	23.26	0.2118
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.72	23.28	0.2128

5G NR n38 SA for ANT2 (GT-LC=-0.44dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@76	23.84	23.4	0.2188
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	36@18	22.75	22.31	0.1702
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	22.96	22.52	0.1786
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@76	23.09	22.65	0.1841
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	36@18	21.2	20.76	0.1191
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	1@1	21.05	20.61	0.1151
38	30	30	517000	2585	DFT-s-OFDM 64 QAM	1@76	21.21	20.77	0.1194
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	36@18	19.18	18.74	0.0748
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	1@1	19	18.56	0.0718
38	30	30	517000	2585	DFT-s-OFDM 256 QAM	1@76	19.06	18.62	0.0728
38	30	30	517000	2585	CP-OFDM QPSK	39@19	22.16	21.72	0.1486
38	30	30	517000	2585	CP-OFDM QPSK	1@1	22.06	21.62	0.1452
38	30	30	517000	2585	CP-OFDM QPSK	1@76	22.24	21.8	0.1514
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	36@18	23.74	23.3	0.2138
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.77	23.33	0.2153
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@76	23.98	23.54	0.2259
38	30	30	519000	2595	DFT-s-OFDM QPSK	36@18	23.76	23.32	0.2148
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	23.83	23.39	0.2183
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@76	23.96	23.52	0.2249
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	36@18	22.78	22.34	0.1714
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.06	22.62	0.1828
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@76	23.26	22.82	0.1914
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	36@18	21.27	20.83	0.1211
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.21	20.77	0.1194
38	30	30	519000	2595	DFT-s-OFDM 64 QAM	1@76	21.34	20.9	0.1230
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	36@18	19.2	18.76	0.0752
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.18	18.74	0.0748
38	30	30	519000	2595	DFT-s-OFDM 256 QAM	1@76	19.37	18.93	0.0782
38	30	30	519000	2595	CP-OFDM QPSK	39@19	22.32	21.88	0.1542
38	30	30	519000	2595	CP-OFDM QPSK	1@1	22.29	21.85	0.1531

5G NR n38 SA for ANT2 (GT-LC=-0.44dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	30	519000	2595	CP-OFDM QPSK	1@76	22.45	22.01	0.1589
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	36@18	23.89	23.45	0.2213
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	23.78	23.34	0.2158
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@76	23.95	23.51	0.2244
38	30	30	521000	2605	DFT-s-OFDM QPSK	36@18	23.89	23.45	0.2213
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	23.83	23.39	0.2183
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@76	23.96	23.52	0.2249
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	36@18	22.87	22.43	0.1750
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.05	22.61	0.1824
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@76	23.32	22.88	0.1941
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	36@18	21.34	20.9	0.1230
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	1@1	21.16	20.72	0.1180
38	30	30	521000	2605	DFT-s-OFDM 64 QAM	1@76	21.35	20.91	0.1233
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	36@18	19.28	18.84	0.0766
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	1@1	18.97	18.53	0.0713
38	30	30	521000	2605	DFT-s-OFDM 256 QAM	1@76	19.4	18.96	0.0787
38	30	30	521000	2605	CP-OFDM QPSK	39@19	22.32	21.88	0.1542
38	30	30	521000	2605	CP-OFDM QPSK	1@1	22.24	21.8	0.1514
38	30	30	521000	2605	CP-OFDM QPSK	1@76	22.4	21.96	0.1570
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	23.65	23.21	0.2094
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	23.63	23.19	0.2084
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	23.87	23.43	0.2203
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	23.68	23.24	0.2109
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	23.63	23.19	0.2084
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	23.91	23.47	0.2223
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	22.7	22.26	0.1683
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	22.66	22.22	0.1667
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	22.88	22.44	0.1754
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.17	20.73	0.1183
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	20.91	20.47	0.1114

5G NR n38 SA for ANT2 (GT-LC=-0.44dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.22	20.78	0.1197
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	19.1	18.66	0.0735
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	18.8	18.36	0.0685
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.26	18.82	0.0762
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.17	21.73	0.1489
38	30	40	518000	2590	CP-OFDM QPSK	1@1	22.06	21.62	0.1452
38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.32	21.88	0.1542
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	23.74	23.3	0.2138
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.58	23.14	0.2061
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.89	23.45	0.2213
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	23.6	23.16	0.2070
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.62	23.18	0.2080
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	23.89	23.45	0.2213
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	22.68	22.24	0.1675
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.72	22.28	0.1690
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	22.92	22.48	0.1770
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.19	20.75	0.1189
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	20.93	20.49	0.1119
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	21.2	20.76	0.1191
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	19.07	18.63	0.0729
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	18.81	18.37	0.0687
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.09	18.65	0.0733
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.15	21.71	0.1483
38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.09	21.65	0.1462
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.28	21.84	0.1528
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	23.71	23.27	0.2123
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	23.6	23.16	0.2070
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	23.85	23.41	0.2193
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	23.68	23.24	0.2109
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	23.63	23.19	0.2084

5G NR n38 SA for ANT2 (GT-LC=-0.44dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	23.93	23.49	0.2234
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	22.71	22.27	0.1687
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	23.11	22.67	0.1849
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.22	20.78	0.1197
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.13	20.69	0.1172
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	21.17	20.73	0.1183
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.15	18.71	0.0743
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.05	18.61	0.0726
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	19.07	18.63	0.0729
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.22	21.78	0.1507
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.02	21.58	0.1439
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.33	21.89	0.1545

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	26.49	26.44	0.4406
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	26.89	26.84	0.4831
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	26.91	26.86	0.4853
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	26.54	26.49	0.4457
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	26.86	26.81	0.4797
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	26.88	26.83	0.4819
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	25.61	25.56	0.3597
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	26.1	26.05	0.4027
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	25.97	25.92	0.3908
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	24.14	24.09	0.2564
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	24.54	24.49	0.2812
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	24.37	24.32	0.2704
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	22.01	21.96	0.1570
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	22.55	22.5	0.1778
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	22.33	22.28	0.1690
41	30	20	501204	2506.02	CP-OFDM QPSK	25@12	25.04	24.99	0.3155
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	25.71	25.66	0.3681
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	25.43	25.38	0.3451
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	26.63	26.58	0.4550
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.88	26.83	0.4819
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	26.87	26.82	0.4808
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	26.72	26.67	0.4645
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.85	26.8	0.4786
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	26.89	26.84	0.4831
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	25.75	25.7	0.3715
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.27	26.22	0.4188
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	26.23	26.18	0.4150
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	24.23	24.18	0.2618
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.82	24.77	0.2999

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	24.59	24.54	0.2844
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	22.13	22.08	0.1614
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.62	22.57	0.1807
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	22.43	22.38	0.1730
41	30	20	518598	2592.99	CP-OFDM QPSK	25@12	25.29	25.24	0.3342
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	25.53	25.48	0.3532
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	25.64	25.59	0.3622
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	26.54	26.49	0.4457
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	26.83	26.78	0.4764
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	26.88	26.83	0.4819
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	26.59	26.54	0.4508
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.87	26.82	0.4808
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	26.89	26.84	0.4831
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	25.58	25.53	0.3573
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.99	25.94	0.3926
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	26.1	26.05	0.4027
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	24.13	24.08	0.2559
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	24.32	24.27	0.2673
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	24.75	24.7	0.2951
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	22.03	21.98	0.1578
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	22.23	22.18	0.1652
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	22.51	22.46	0.1762
41	30	20	535998	2679.99	CP-OFDM QPSK	25@12	25.14	25.09	0.3228
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	25.53	25.48	0.3532
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	25.64	25.59	0.3622
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	36@18	26.61	26.56	0.4529
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	26.68	26.63	0.4603
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@76	26.71	26.66	0.4634
41	30	30	502200	2511	DFT-s-OFDM QPSK	36@18	26.61	26.56	0.4529
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.76	26.71	0.4688

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@76	26.79	26.74	0.4721
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	36@18	25.65	25.6	0.3631
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.81	25.76	0.3767
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@76	25.87	25.82	0.3819
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	36@18	24.1	24.05	0.2541
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@1	24.32	24.27	0.2673
41	30	30	502200	2511	DFT-s-OFDM 64 QAM	1@76	24.06	24.01	0.2518
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	36@18	22.03	21.98	0.1578
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@1	22.14	22.09	0.1618
41	30	30	502200	2511	DFT-s-OFDM 256 QAM	1@76	22.21	22.16	0.1644
41	30	30	502200	2511	CP-OFDM QPSK	39@19	25.11	25.06	0.3206
41	30	30	502200	2511	CP-OFDM QPSK	1@1	25.16	25.11	0.3243
41	30	30	502200	2511	CP-OFDM QPSK	1@76	25.05	25	0.3162
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@18	26.7	26.65	0.4624
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.59	26.54	0.4508
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@76	26.78	26.73	0.4710
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	26.62	26.57	0.4539
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.67	26.62	0.4592
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	26.87	26.82	0.4808
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	25.62	25.57	0.3606
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.79	25.74	0.3750
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	25.88	25.83	0.3828
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	36@18	24.11	24.06	0.2547
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.04	23.99	0.2506
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@76	24.3	24.25	0.2661
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	36@18	22.16	22.11	0.1626
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.89	21.84	0.1528
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@76	22.06	22.01	0.1589
41	30	30	518598	2592.99	CP-OFDM QPSK	39@19	25.2	25.15	0.3273
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	25.07	25.02	0.3177

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	30	518598	2592.99	CP-OFDM QPSK	1@76	25.19	25.14	0.3266
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	36@18	26.53	26.48	0.4446
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	26.4	26.35	0.4315
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@76	26.84	26.79	0.4775
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	26.56	26.51	0.4477
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.51	26.46	0.4426
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	26.96	26.91	0.4909
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	25.56	25.51	0.3556
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.42	25.37	0.3443
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	25.94	25.89	0.3882
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	36@18	24.07	24.02	0.2523
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	23.91	23.86	0.2432
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@76	24.21	24.16	0.2606
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	36@18	22.02	21.97	0.1574
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	21.92	21.87	0.1538
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@76	22.24	22.19	0.1656
41	30	30	534996	2674.98	CP-OFDM QPSK	39@19	25.06	25.01	0.3170
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	24.94	24.89	0.3083
41	30	30	534996	2674.98	CP-OFDM QPSK	1@76	25.2	25.15	0.3273
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	26.6	26.55	0.4519
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	26.58	26.53	0.4498
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	26.78	26.73	0.4710
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	26.64	26.59	0.4560
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	26.71	26.66	0.4634
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	26.9	26.85	0.4842
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	25.64	25.59	0.3622
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.79	25.74	0.3750
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	25.86	25.81	0.3811
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	24.21	24.16	0.2606
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	24.08	24.03	0.2529

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	24.31	24.26	0.2667
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	22.1	22.05	0.1603
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	22.08	22.03	0.1596
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	22.23	22.18	0.1652
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	25.14	25.09	0.3228
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	25.15	25.1	0.3236
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	25.16	25.11	0.3243
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@25	26.64	26.59	0.4560
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.54	26.49	0.4457
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	26.79	26.74	0.4721
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	26.72	26.67	0.4645
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.53	26.48	0.4446
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	26.84	26.79	0.4775
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	25.71	25.66	0.3681
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.77	25.72	0.3733
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	26.04	25.99	0.3972
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	24.24	24.19	0.2624
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.96	23.91	0.2460
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	24.16	24.11	0.2576
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	22.24	22.19	0.1656
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.85	21.8	0.1514
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	22.09	22.04	0.1600
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	25.2	25.15	0.3273
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	24.98	24.93	0.3112
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	25.26	25.21	0.3319
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	50@25	26.65	26.6	0.4571
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	26.4	26.35	0.4315
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@104	26.97	26.92	0.4920
41	30	40	534000	2670	DFT-s-OFDM QPSK	50@25	26.62	26.57	0.4539
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	26.45	26.4	0.4365

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@104	26.86	26.81	0.4797
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	50@25	25.66	25.61	0.3639
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.54	25.49	0.3540
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@104	26.11	26.06	0.4036
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	50@25	24.2	24.15	0.2600
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@1	23.83	23.78	0.2388
41	30	40	534000	2670	DFT-s-OFDM 64 QAM	1@104	24.41	24.36	0.2729
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	50@25	22.11	22.06	0.1607
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@1	21.74	21.69	0.1476
41	30	40	534000	2670	DFT-s-OFDM 256 QAM	1@104	22.4	22.35	0.1718
41	30	40	534000	2670	CP-OFDM QPSK	53@26	25.18	25.13	0.3258
41	30	40	534000	2670	CP-OFDM QPSK	1@1	24.81	24.76	0.2992
41	30	40	534000	2670	CP-OFDM QPSK	1@104	25.38	25.33	0.3412
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	64@32	26.42	26.37	0.4335
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	26.55	26.5	0.4467
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@131	26.43	26.38	0.4345
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	26.45	26.4	0.4365
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.55	26.5	0.4467
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	26.58	26.53	0.4498
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	25.48	25.43	0.3491
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.7	25.65	0.3673
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	25.74	25.69	0.3707
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	23.84	23.79	0.2393
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	24.07	24.02	0.2523
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	24.04	23.99	0.2506
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	21.92	21.87	0.1538
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	21.97	21.92	0.1556
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	21.92	21.87	0.1538
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	25.01	24.96	0.3133
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	24.89	24.84	0.3048

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	24.9	24.85	0.3055
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	26.68	26.63	0.4603
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.46	26.41	0.4375
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	26.65	26.6	0.4571
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	26.71	26.66	0.4634
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.5	26.45	0.4416
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	26.74	26.69	0.4667
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	25.7	25.65	0.3673
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.69	25.64	0.3664
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	25.88	25.83	0.3828
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	24.25	24.2	0.2630
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.65	23.6	0.2291
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	24.07	24.02	0.2523
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	22.22	22.17	0.1648
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.82	21.77	0.1503
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	21.91	21.86	0.1535
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	25.23	25.18	0.3296
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	24.83	24.78	0.3006
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	25.07	25.02	0.3177
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	64@32	26.36	26.31	0.4276
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	26.15	26.1	0.4074
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	26.53	26.48	0.4446
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	26.38	26.33	0.4295
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	26.27	26.22	0.4188
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	26.59	26.54	0.4508
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	25.39	25.34	0.3420
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.39	25.34	0.3420
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	25.74	25.69	0.3707
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	23.95	23.9	0.2455
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	23.56	23.51	0.2244

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	23.98	23.93	0.2472
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	21.93	21.88	0.1542
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	21.46	21.41	0.1384
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	21.99	21.94	0.1563
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	24.9	24.85	0.3055
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	24.54	24.49	0.2812
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	25.05	25	0.3162
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	81@40	26.59	26.54	0.4508
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	26.87	26.82	0.4808
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@160	26.11	26.06	0.4036
41	30	60	505200	2526	DFT-s-OFDM QPSK	81@40	26.59	26.54	0.4508
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	26.89	26.84	0.4831
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@160	26.13	26.08	0.4055
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	81@40	25.48	25.43	0.3491
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	26.4	26.35	0.4315
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@160	25.34	25.29	0.3381
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	81@40	24.2	24.15	0.2600
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@1	24.6	24.55	0.2851
41	30	60	505200	2526	DFT-s-OFDM 64 QAM	1@160	23.46	23.41	0.2193
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	81@40	22.16	22.11	0.1626
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@1	22.49	22.44	0.1754
41	30	60	505200	2526	DFT-s-OFDM 256 QAM	1@160	21.33	21.28	0.1343
41	30	60	505200	2526	CP-OFDM QPSK	81@40	25.07	25.02	0.3177
41	30	60	505200	2526	CP-OFDM QPSK	1@1	25.59	25.54	0.3581
41	30	60	505200	2526	CP-OFDM QPSK	1@160	24.48	24.43	0.2773
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	26.67	26.62	0.4592
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.86	26.81	0.4797
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	26.23	26.18	0.4150
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	26.74	26.69	0.4667
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.87	26.82	0.4808

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	26.2	26.15	0.4121
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	25.75	25.7	0.3715
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	26.6	26.55	0.4519
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	25.48	25.43	0.3491
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	24.22	24.17	0.2612
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	24.45	24.4	0.2754
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	23.59	23.54	0.2259
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	22.24	22.19	0.1656
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	22.53	22.48	0.1770
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	21.63	21.58	0.1439
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	25.24	25.19	0.3304
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	25.55	25.5	0.3548
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	24.61	24.56	0.2858
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	26.43	26.38	0.4345
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	26.89	26.84	0.4831
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	26.14	26.09	0.4064
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	26.41	26.36	0.4325
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	26.92	26.87	0.4864
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	26.12	26.07	0.4046
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	25.37	25.32	0.3404
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	26.37	26.32	0.4285
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	25.27	25.22	0.3327
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	23.88	23.83	0.2415
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	24.29	24.24	0.2655
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	23.52	23.47	0.2223
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	22	21.95	0.1567
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	22.32	22.27	0.1687
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	21.36	21.31	0.1352
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	24.91	24.86	0.3062
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	25.34	25.29	0.3381

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	24.55	24.5	0.2818
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	90@45	26.28	26.23	0.4198
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	26.21	26.16	0.4130
41	30	70	506202	2531.01	DFT-s-OFDM PI/2 BPSK	1@187	26.31	26.26	0.4227
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	90@45	26.26	26.21	0.4178
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@1	26.3	26.25	0.4217
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@187	26.27	26.22	0.4188
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	90@45	25.26	25.21	0.3319
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@1	25.54	25.49	0.3540
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@187	25.42	25.37	0.3443
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	90@45	23.78	23.73	0.2360
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	1@1	23.66	23.61	0.2296
41	30	70	506202	2531.01	DFT-s-OFDM 64 QAM	1@187	23.62	23.57	0.2275
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	90@45	21.72	21.67	0.1469
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	1@1	21.53	21.48	0.1406
41	30	70	506202	2531.01	DFT-s-OFDM 256 QAM	1@187	21.58	21.53	0.1422
41	30	70	506202	2531.01	CP-OFDM QPSK	95@47	24.77	24.72	0.2965
41	30	70	506202	2531.01	CP-OFDM QPSK	1@1	24.72	24.67	0.2931
41	30	70	506202	2531.01	CP-OFDM QPSK	1@187	24.82	24.77	0.2999
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	90@45	26.38	26.33	0.4295
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.21	26.16	0.4130
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@187	26.45	26.4	0.4365
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	90@45	26.41	26.36	0.4325
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.23	26.18	0.4150
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@187	26.47	26.42	0.4385
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	90@45	25.45	25.4	0.3467
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.53	25.48	0.3532
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@187	25.74	25.69	0.3707
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	90@45	23.97	23.92	0.2466
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.58	23.53	0.2254

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	70	518598	2592.99	DFT-s-OFDM 64 QAM	1@187	23.82	23.77	0.2382
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	90@45	21.93	21.88	0.1542
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.59	21.54	0.1426
41	30	70	518598	2592.99	DFT-s-OFDM 256 QAM	1@187	21.74	21.69	0.1476
41	30	70	518598	2592.99	CP-OFDM QPSK	95@47	24.91	24.86	0.3062
41	30	70	518598	2592.99	CP-OFDM QPSK	1@1	24.64	24.59	0.2877
41	30	70	518598	2592.99	CP-OFDM QPSK	1@187	24.99	24.94	0.3119
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	90@45	26.2	26.15	0.4121
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	1@1	26.19	26.14	0.4111
41	30	70	531000	2655	DFT-s-OFDM PI/2 BPSK	1@187	26.49	26.44	0.4406
41	30	70	531000	2655	DFT-s-OFDM QPSK	90@45	26.26	26.21	0.4178
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@1	26.2	26.15	0.4121
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@187	26.55	26.5	0.4467
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	90@45	25.28	25.23	0.3334
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@1	25.38	25.33	0.3412
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@187	25.72	25.67	0.3690
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	90@45	23.77	23.72	0.2355
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	1@1	23.66	23.61	0.2296
41	30	70	531000	2655	DFT-s-OFDM 64 QAM	1@187	24	23.95	0.2483
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	90@45	21.61	21.56	0.1432
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	1@1	21.6	21.55	0.1429
41	30	70	531000	2655	DFT-s-OFDM 256 QAM	1@187	21.87	21.82	0.1521
41	30	70	531000	2655	CP-OFDM QPSK	95@47	24.75	24.7	0.2951
41	30	70	531000	2655	CP-OFDM QPSK	1@1	24.6	24.55	0.2851
41	30	70	531000	2655	CP-OFDM QPSK	1@187	25	24.95	0.3126
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	26.41	26.36	0.4325
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	26.42	26.37	0.4335
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	26.53	26.48	0.4446
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	26.42	26.37	0.4335
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	26.43	26.38	0.4345

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	26.53	26.48	0.4446
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	25.48	25.43	0.3491
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	25.59	25.54	0.3581
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	25.69	25.64	0.3664
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	23.96	23.91	0.2460
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	23.91	23.86	0.2432
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	24	23.95	0.2483
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	21.94	21.89	0.1545
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	21.75	21.7	0.1479
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	21.83	21.78	0.1507
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	24.92	24.87	0.3069
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	24.95	24.9	0.3090
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	25.03	24.98	0.3148
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	26.43	26.38	0.4345
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.2	26.15	0.4121
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	26.49	26.44	0.4406
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	26.47	26.42	0.4385
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.15	26.1	0.4074
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	26.54	26.49	0.4457
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	25.48	25.43	0.3491
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.31	25.26	0.3357
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	25.71	25.66	0.3681
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	24	23.95	0.2483
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.7	23.65	0.2317
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	23.97	23.92	0.2466
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	22.07	22.02	0.1592
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.56	21.51	0.1416
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	21.85	21.8	0.1514
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	24.94	24.89	0.3083
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	24.71	24.66	0.2924

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	25	24.95	0.3126
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	108@54	26.26	26.21	0.4178
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	26.17	26.12	0.4093
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	26.56	26.51	0.4477
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	26.33	26.28	0.4246
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	26.2	26.15	0.4121
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	26.62	26.57	0.4539
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	25.32	25.27	0.3365
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.36	25.31	0.3396
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	25.81	25.76	0.3767
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	23.76	23.71	0.2350
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	23.61	23.56	0.2270
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	24.1	24.05	0.2541
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	21.78	21.73	0.1489
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	21.55	21.5	0.1413
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	21.98	21.93	0.1560
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	24.8	24.75	0.2985
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	24.57	24.52	0.2831
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	25	24.95	0.3126
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	120@60	26.46	26.41	0.4375
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	26.43	26.38	0.4345
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@243	26.73	26.68	0.4656
41	30	90	508200	2541	DFT-s-OFDM QPSK	120@60	26.48	26.43	0.4395
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	26.51	26.46	0.4426
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@243	26.77	26.72	0.4699
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	120@60	25.51	25.46	0.3516
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	25.55	25.5	0.3548
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@243	25.84	25.79	0.3793
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	120@60	24.02	23.97	0.2495
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@1	23.9	23.85	0.2427

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	90	508200	2541	DFT-s-OFDM 64 QAM	1@243	24.19	24.14	0.2594
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	120@60	21.98	21.93	0.1560
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@1	21.77	21.72	0.1486
41	30	90	508200	2541	DFT-s-OFDM 256 QAM	1@243	22.06	22.01	0.1589
41	30	90	508200	2541	CP-OFDM QPSK	123@61	24.99	24.94	0.3119
41	30	90	508200	2541	CP-OFDM QPSK	1@1	24.92	24.87	0.3069
41	30	90	508200	2541	CP-OFDM QPSK	1@243	25.09	25.04	0.3192
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	26.56	26.51	0.4477
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.35	26.3	0.4266
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	26.65	26.6	0.4571
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	26.58	26.53	0.4498
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.43	26.38	0.4345
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	26.76	26.71	0.4688
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	25.61	25.56	0.3597
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.56	25.51	0.3556
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	25.88	25.83	0.3828
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	24.13	24.08	0.2559
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.86	23.81	0.2404
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	24.16	24.11	0.2576
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	22.12	22.07	0.1611
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.74	21.69	0.1476
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	22.03	21.98	0.1578
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	25.11	25.06	0.3206
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	24.8	24.75	0.2985
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	25.06	25.01	0.3170
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	26.38	26.33	0.4295
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	26.22	26.17	0.4140
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	26.73	26.68	0.4656
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	26.4	26.35	0.4315
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	26.36	26.31	0.4276

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	26.82	26.77	0.4753
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	25.43	25.38	0.3451
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.42	25.37	0.3443
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	25.97	25.92	0.3908
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	23.93	23.88	0.2443
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	23.72	23.67	0.2328
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	24.25	24.2	0.2630
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	21.9	21.85	0.1531
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	21.7	21.65	0.1462
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	22.1	22.05	0.1603
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	24.93	24.88	0.3076
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	24.71	24.66	0.2924
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	25.1	25.05	0.3199
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	26.34	26.29	0.4256
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	26.31	26.26	0.4227
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.61	26.56	0.4529
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	26.4	26.35	0.4315
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	26.33	26.28	0.4246
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.58	26.53	0.4498
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.44	25.39	0.3459
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	25.48	25.43	0.3491
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.76	25.71	0.3724
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.93	23.88	0.2443
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.71	23.66	0.2323
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	24.04	23.99	0.2506
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.94	21.89	0.1545
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.66	21.61	0.1449
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.99	21.94	0.1563
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.89	24.84	0.3048
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.77	24.72	0.2965

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	25.04	24.99	0.3155
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	26.6	26.55	0.4519
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.32	26.27	0.4236
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.67	26.62	0.4592
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	26.63	26.58	0.4550
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.38	26.33	0.4295
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.79	26.74	0.4721
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.5	25.45	0.3508
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.46	25.41	0.3475
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.97	25.92	0.3908
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	24.16	24.11	0.2576
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.7	23.65	0.2317
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.09	24.04	0.2535
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	22.15	22.1	0.1622
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.72	21.67	0.1469
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	22.03	21.98	0.1578
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	25.11	25.06	0.3206
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.83	24.78	0.3006
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	25.08	25.03	0.3184
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	26.33	26.28	0.4246
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	26.12	26.07	0.4046
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.73	26.68	0.4656
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	26.37	26.32	0.4285
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	26.23	26.18	0.4150
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.74	26.69	0.4667
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	25.4	25.35	0.3428
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.34	25.29	0.3381
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.93	25.88	0.3873
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.87	23.82	0.2410
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.54	23.49	0.2234

5G NR n41 SA for ANT2 (GT-LC=-0.05dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	24.18	24.13	0.2588
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.88	21.83	0.1524
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.59	21.54	0.1426
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	22.1	22.05	0.1603
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.84	24.79	0.3013
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.63	24.58	0.2871
41	30	100	528000	2640	CP-OFDM QPSK	1@271	25.1	25.05	0.3199

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	12@6	23.61	22.87	0.1936
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	23.69	22.95	0.1972
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@23	23.71	22.97	0.1982
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	12@6	23.69	22.95	0.1972
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	23.72	22.98	0.1986
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@23	23.77	23.03	0.2009
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	12@6	22.92	22.18	0.1652
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.76	22.02	0.1592
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@23	22.66	21.92	0.1556
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	12@6	21.3	20.56	0.1138
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@1	21.4	20.66	0.1164
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@23	21.46	20.72	0.1180
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	12@6	19.34	18.6	0.0724
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@1	18.72	17.98	0.0628
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@23	18.81	18.07	0.0641
66	15	5	422500	1712.5	CP-OFDM QPSK	13@6	22.31	21.57	0.1435
66	15	5	422500	1712.5	CP-OFDM QPSK	1@1	22.2	21.46	0.1400
66	15	5	422500	1712.5	CP-OFDM QPSK	1@23	22.2	21.46	0.1400
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	12@6	23.68	22.94	0.1968
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.64	22.9	0.1950
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	1@23	23.79	23.05	0.2018
66	15	5	429000	1745	DFT-s-OFDM QPSK	12@6	23.64	22.9	0.1950
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@1	23.67	22.93	0.1963
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@23	23.66	22.92	0.1959
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	12@6	22.84	22.1	0.1622
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.71	21.97	0.1574
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@23	22.69	21.95	0.1567
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	12@6	21.34	20.6	0.1148
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.42	20.68	0.1169

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	1@23	21.45	20.71	0.1178
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	12@6	19.27	18.53	0.0713
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	1@1	18.74	18	0.0631
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	1@23	18.72	17.98	0.0628
66	15	5	429000	1745	CP-OFDM QPSK	13@6	22.23	21.49	0.1409
66	15	5	429000	1745	CP-OFDM QPSK	1@1	22.2	21.46	0.1400
66	15	5	429000	1745	CP-OFDM QPSK	1@23	22.17	21.43	0.1390
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	12@6	23.61	22.87	0.1936
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.89	0.1945
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@23	23.58	22.84	0.1923
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	12@6	23.51	22.77	0.1892
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	23.58	22.84	0.1923
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@23	23.56	22.82	0.1914
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.72	21.98	0.1578
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.58	21.84	0.1528
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@23	22.58	21.84	0.1528
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	12@6	21.27	20.53	0.1130
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@1	21.29	20.55	0.1135
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@23	21.39	20.65	0.1161
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	12@6	19.17	18.43	0.0697
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@1	18.69	17.95	0.0624
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@23	18.63	17.89	0.0615
66	15	5	435500	1777.5	CP-OFDM QPSK	13@6	22.27	21.53	0.1422
66	15	5	435500	1777.5	CP-OFDM QPSK	1@1	22.18	21.44	0.1393
66	15	5	435500	1777.5	CP-OFDM QPSK	1@23	22.11	21.37	0.1371
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	25@12	23.72	22.98	0.1986
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.89	0.1945
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	1@50	23.69	22.95	0.1972
66	15	10	423000	1715	DFT-s-OFDM QPSK	25@12	23.67	22.93	0.1963
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@1	23.64	22.9	0.1950

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@50	23.67	22.93	0.1963
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	25@12	22.8	22.06	0.1607
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@1	22.66	21.92	0.1556
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@50	22.73	21.99	0.1581
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	25@12	21.25	20.51	0.1125
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	1@1	21.38	20.64	0.1159
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	1@50	21.39	20.65	0.1161
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	25@12	19.22	18.48	0.0705
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	1@1	18.68	17.94	0.0622
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	1@50	18.73	17.99	0.0630
66	15	10	423000	1715	CP-OFDM QPSK	26@13	22.16	21.42	0.1387
66	15	10	423000	1715	CP-OFDM QPSK	1@1	22.17	21.43	0.1390
66	15	10	423000	1715	CP-OFDM QPSK	1@50	22.22	21.48	0.1406
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	25@12	23.63	22.89	0.1945
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.89	0.1945
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	1@50	23.66	22.92	0.1959
66	15	10	429000	1745	DFT-s-OFDM QPSK	25@12	23.67	22.93	0.1963
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@1	23.69	22.95	0.1972
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@50	23.69	22.95	0.1972
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	25@12	22.79	22.05	0.1603
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.74	22	0.1585
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@50	22.72	21.98	0.1578
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	25@12	21.26	20.52	0.1127
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.43	20.69	0.1172
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	1@50	21.44	20.7	0.1175
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	25@12	19.2	18.46	0.0701
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	1@1	18.71	17.97	0.0627
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	1@50	18.69	17.95	0.0624
66	15	10	429000	1745	CP-OFDM QPSK	26@13	22.2	21.46	0.1400
66	15	10	429000	1745	CP-OFDM QPSK	1@1	22.2	21.46	0.1400

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	10	429000	1745	CP-OFDM QPSK	1@50	22.2	21.46	0.1400
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	25@12	23.63	22.89	0.1945
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	1@1	23.52	22.78	0.1897
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	1@50	23.57	22.83	0.1919
66	15	10	435000	1775	DFT-s-OFDM QPSK	25@12	23.61	22.87	0.1936
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@1	23.55	22.81	0.1910
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@50	23.6	22.86	0.1932
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	25@12	22.66	21.92	0.1556
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@1	22.59	21.85	0.1531
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@50	22.58	21.84	0.1528
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	25@12	21.15	20.41	0.1099
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	1@1	21.31	20.57	0.1140
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	1@50	21.38	20.64	0.1159
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	25@12	19.1	18.36	0.0685
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	1@1	18.65	17.91	0.0618
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	1@50	18.62	17.88	0.0614
66	15	10	435000	1775	CP-OFDM QPSK	26@13	22.08	21.34	0.1361
66	15	10	435000	1775	CP-OFDM QPSK	1@1	22.08	21.34	0.1361
66	15	10	435000	1775	CP-OFDM QPSK	1@50	22.03	21.29	0.1346
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	36@18	23.63	22.89	0.1945
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.62	22.88	0.1941
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@77	23.68	22.94	0.1968
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	36@18	23.65	22.91	0.1954
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	23.71	22.97	0.1982
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@77	23.76	23.02	0.2004
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	36@18	22.79	22.05	0.1603
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.66	21.92	0.1556
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@77	22.79	22.05	0.1603
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	36@18	21.27	20.53	0.1130
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@1	21.38	20.64	0.1159

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@77	21.48	20.74	0.1186
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	36@18	19.21	18.47	0.0703
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@1	18.67	17.93	0.0621
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@77	18.83	18.09	0.0644
66	15	15	423500	1717.5	CP-OFDM QPSK	39@19	22.23	21.49	0.1409
66	15	15	423500	1717.5	CP-OFDM QPSK	1@1	22.24	21.5	0.1413
66	15	15	423500	1717.5	CP-OFDM QPSK	1@77	22.22	21.48	0.1406
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	36@18	23.61	22.87	0.1936
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.7	22.96	0.1977
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	1@77	23.74	23	0.1995
66	15	15	429000	1745	DFT-s-OFDM QPSK	36@18	23.71	22.97	0.1982
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@1	23.75	23.01	0.2000
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@77	23.78	23.04	0.2014
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	36@18	22.8	22.06	0.1607
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.65	21.91	0.1552
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@77	22.73	21.99	0.1581
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	36@18	21.37	20.63	0.1156
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.45	20.71	0.1178
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	1@77	21.48	20.74	0.1186
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	36@18	19.2	18.46	0.0701
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	1@1	18.71	17.97	0.0627
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	1@77	18.77	18.03	0.0635
66	15	15	429000	1745	CP-OFDM QPSK	39@19	22.25	21.51	0.1416
66	15	15	429000	1745	CP-OFDM QPSK	1@1	22.28	21.54	0.1426
66	15	15	429000	1745	CP-OFDM QPSK	1@77	22.23	21.49	0.1409
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	36@18	23.54	22.8	0.1905
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.54	22.8	0.1905
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@77	23.65	22.91	0.1954
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	36@18	23.57	22.83	0.1919
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	23.6	22.86	0.1932

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@77	23.7	22.96	0.1977
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	36@18	22.7	21.96	0.1570
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.63	21.89	0.1545
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@77	22.65	21.91	0.1552
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	36@18	21.2	20.46	0.1112
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@1	21.34	20.6	0.1148
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@77	21.41	20.67	0.1167
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	36@18	19.07	18.33	0.0681
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@1	18.59	17.85	0.0610
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@77	18.69	17.95	0.0624
66	15	15	434500	1772.5	CP-OFDM QPSK	39@19	22.16	21.42	0.1387
66	15	15	434500	1772.5	CP-OFDM QPSK	1@1	22.17	21.43	0.1390
66	15	15	434500	1772.5	CP-OFDM QPSK	1@77	22.11	21.37	0.1371
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	50@25	23.61	22.87	0.1936
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	1@1	23.61	22.87	0.1936
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	1@104	23.65	22.91	0.1954
66	15	20	424000	1720	DFT-s-OFDM QPSK	50@25	23.66	22.92	0.1959
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@1	23.72	22.98	0.1986
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@104	23.69	22.95	0.1972
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	50@25	22.74	22	0.1585
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@1	22.63	21.89	0.1545
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@104	22.76	22.02	0.1592
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	50@25	21.28	20.54	0.1132
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	1@1	21.38	20.64	0.1159
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	1@104	21.44	20.7	0.1175
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	50@25	19.2	18.46	0.0701
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	1@1	18.65	17.91	0.0618
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	1@104	18.73	17.99	0.0630
66	15	20	424000	1720	CP-OFDM QPSK	53@26	22.18	21.44	0.1393
66	15	20	424000	1720	CP-OFDM QPSK	1@1	22.26	21.52	0.1419

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	20	424000	1720	CP-OFDM QPSK	1@104	22.24	21.5	0.1413
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	50@25	23.62	22.88	0.1941
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.57	22.83	0.1919
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	1@104	23.69	22.95	0.1972
66	15	20	429000	1745	DFT-s-OFDM QPSK	50@25	23.72	22.98	0.1986
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@1	23.67	22.93	0.1963
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@104	23.75	23.01	0.2000
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	50@25	22.79	22.05	0.1603
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.65	21.91	0.1552
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@104	22.7	21.96	0.1570
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	50@25	21.38	20.64	0.1159
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.38	20.64	0.1159
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	1@104	21.48	20.74	0.1186
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	50@25	19.22	18.48	0.0705
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	1@1	18.63	17.89	0.0615
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	1@104	18.73	17.99	0.0630
66	15	20	429000	1745	CP-OFDM QPSK	53@26	22.26	21.52	0.1419
66	15	20	429000	1745	CP-OFDM QPSK	1@1	22.23	21.49	0.1409
66	15	20	429000	1745	CP-OFDM QPSK	1@104	22.27	21.53	0.1422
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	50@25	23.56	22.82	0.1914
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.56	22.82	0.1914
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	1@104	23.6	22.86	0.1932
66	15	20	434000	1770	DFT-s-OFDM QPSK	50@25	23.6	22.86	0.1932
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@1	23.65	22.91	0.1954
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@104	23.68	22.94	0.1968
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	50@25	22.73	21.99	0.1581
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@1	22.66	21.92	0.1556
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@104	22.69	21.95	0.1567
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	50@25	21.17	20.43	0.1104
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	1@1	21.38	20.64	0.1159

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	1@104	21.39	20.65	0.1161
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	50@25	19.14	18.4	0.0692
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	1@1	18.66	17.92	0.0619
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	1@104	18.7	17.96	0.0625
66	15	20	434000	1770	CP-OFDM QPSK	53@26	22.16	21.42	0.1387
66	15	20	434000	1770	CP-OFDM QPSK	1@1	22.19	21.45	0.1396
66	15	20	434000	1770	CP-OFDM QPSK	1@104	22.23	21.49	0.1409
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	80@40	23.68	22.94	0.1968
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	1@1	23.68	22.94	0.1968
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	1@158	23.64	22.9	0.1950
66	15	30	425000	1725	DFT-s-OFDM QPSK	80@40	23.73	22.99	0.1991
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@1	23.64	22.9	0.1950
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@158	23.73	22.99	0.1991
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	80@40	22.77	22.03	0.1596
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@1	22.66	21.92	0.1556
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@158	22.81	22.07	0.1611
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	80@40	21.36	20.62	0.1153
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	1@1	21.39	20.65	0.1161
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	1@158	21.42	20.68	0.1169
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	80@40	19.32	18.58	0.0721
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	1@1	18.7	17.96	0.0625
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	1@158	18.81	18.07	0.0641
66	15	30	425000	1725	CP-OFDM QPSK	80@40	22.3	21.56	0.1432
66	15	30	425000	1725	CP-OFDM QPSK	1@1	22.34	21.6	0.1445
66	15	30	425000	1725	CP-OFDM QPSK	1@158	22.31	21.57	0.1435
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	80@40	23.7	22.96	0.1977
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.68	22.94	0.1968
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	1@158	23.71	22.97	0.1982
66	15	30	429000	1745	DFT-s-OFDM QPSK	80@40	23.66	22.92	0.1959
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@1	23.73	22.99	0.1991

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@158	23.8	23.06	0.2023
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	80@40	22.72	21.98	0.1578
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.8	22.06	0.1607
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@158	22.81	22.07	0.1611
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	80@40	21.31	20.57	0.1140
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.42	20.68	0.1169
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	1@158	21.49	20.75	0.1189
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	80@40	19.21	18.47	0.0703
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	1@1	18.76	18.02	0.0634
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	1@158	18.94	18.2	0.0661
66	15	30	429000	1745	CP-OFDM QPSK	80@40	22.25	21.51	0.1416
66	15	30	429000	1745	CP-OFDM QPSK	1@1	22.31	21.57	0.1435
66	15	30	429000	1745	CP-OFDM QPSK	1@158	22.37	21.63	0.1455
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	80@40	23.6	22.86	0.1932
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.89	0.1945
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	1@158	23.64	22.9	0.1950
66	15	30	433000	1765	DFT-s-OFDM QPSK	80@40	23.67	22.93	0.1963
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@1	23.6	22.86	0.1932
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@158	23.72	22.98	0.1986
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	80@40	22.76	22.02	0.1592
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@1	22.59	21.85	0.1531
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@158	22.72	21.98	0.1578
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	80@40	21.32	20.58	0.1143
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	1@1	21.3	20.56	0.1138
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	1@158	21.45	20.71	0.1178
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	80@40	19.27	18.53	0.0713
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	1@1	18.65	17.91	0.0618
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	1@158	18.73	17.99	0.0630
66	15	30	433000	1765	CP-OFDM QPSK	80@40	22.25	21.51	0.1416
66	15	30	433000	1765	CP-OFDM QPSK	1@1	22.14	21.4	0.1380

5G NR n66 NSA(EN DC_7A-n66A) for ANT0 (GT-LC=-0.74dB)									
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	30	433000	1765	CP-OFDM QPSK	1@158	22.3	21.56	0.1432

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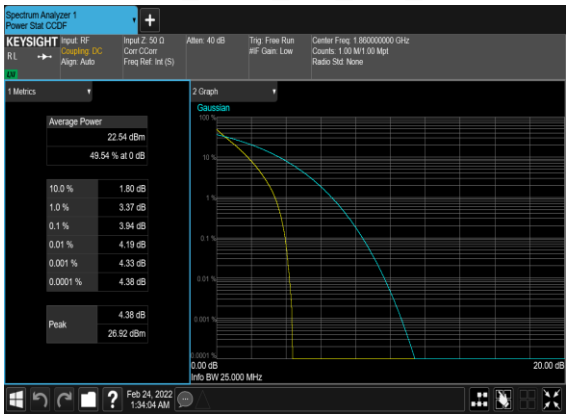
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00315	**PASS**	NV
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00463	**PASS**	LV
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00275	**PASS**	HV
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00665	**PASS**	-30℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00317	**PASS**	-20℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00637	**PASS**	-10℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00314	**PASS**	0℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00427	**PASS**	10℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00276	**PASS**	20℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00479	**PASS**	30℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00308	**PASS**	40℃
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	0.00533	**PASS**	50℃

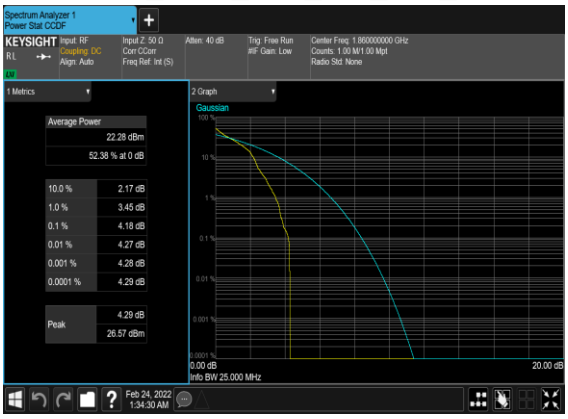
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
2	15	20	388000	1860.0	DFT-s-OFDM PI/2 BPSK	100@0	3.94	13	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM PI/2 BPSK	1@0	4.18	13	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	5.11	13	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	4.97	13	**PASS**
2	15	20	392000	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	3.83	13	**PASS**
2	15	20	392000	1880.0	DFT-s-OFDM PI/2 BPSK	1@0	3.88	13	**PASS**
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	5.06	13	**PASS**
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	1@0	4.77	13	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM PI/2 BPSK	100@0	4.29	13	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM PI/2 BPSK	1@0	4.14	13	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM QPSK	100@0	5.24	13	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM QPSK	1@0	5.36	13	**PASS**

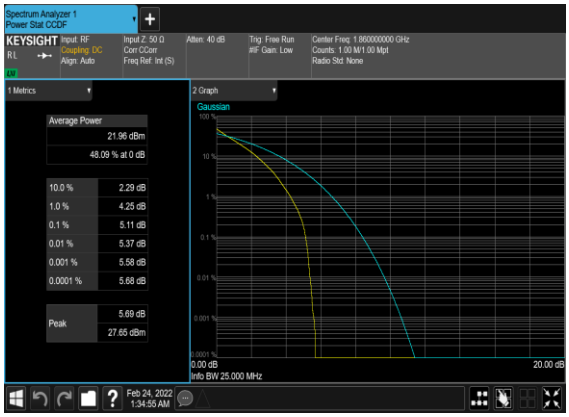
N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



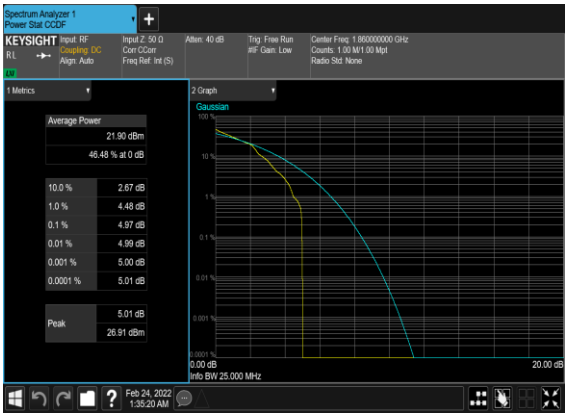
N2(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



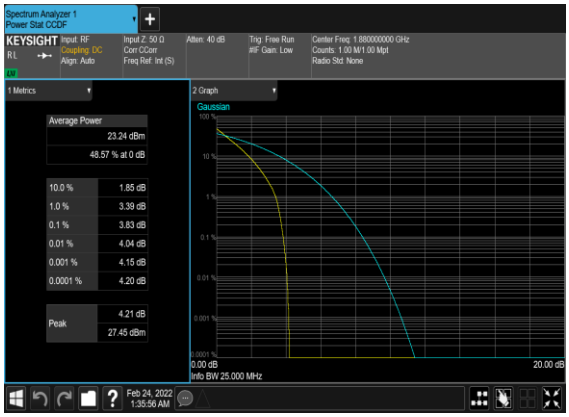
N2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

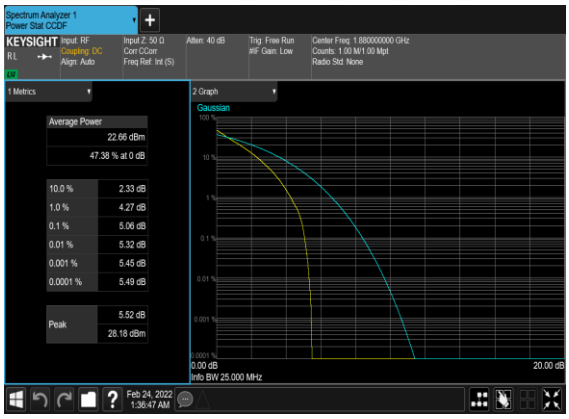


N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

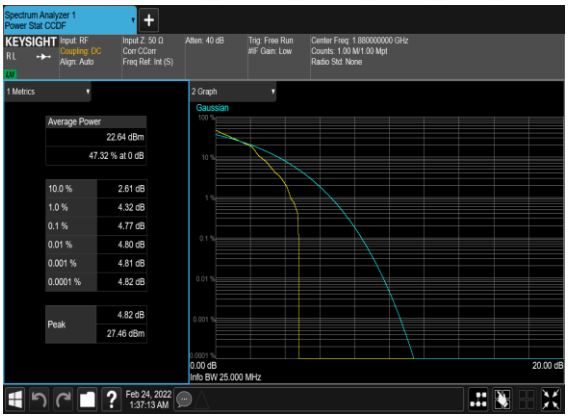


N2(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

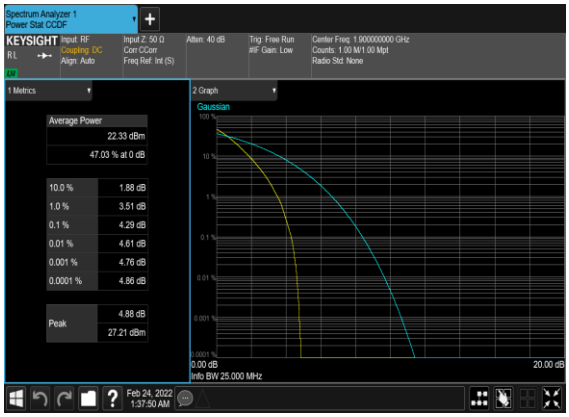
N2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

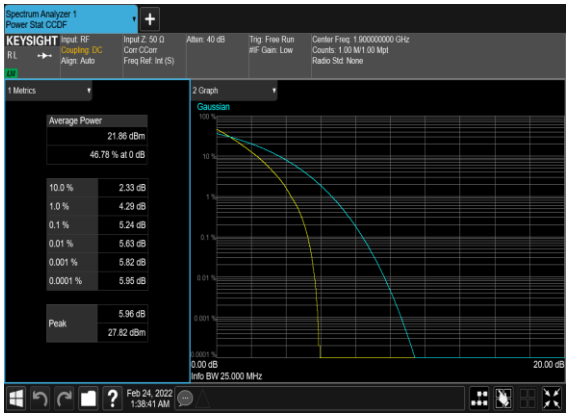


N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



N2(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH

N2(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

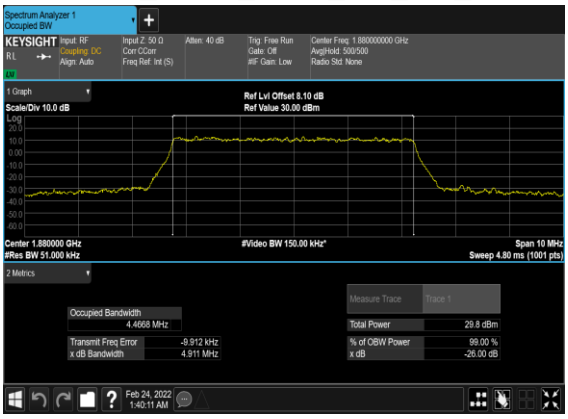
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
2	15	5	392000	1880.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4814	4.852
2	15	5	392000	1880.0	DFT-s-OFDM QPSK	25@0	4.4668	4.911
2	15	5	392000	1880.0	CP-OFDM QPSK	25@0	4.4695	4.919
2	15	5	392000	1880.0	CP-OFDM 16 QAM	25@0	4.4936	4.946
2	15	5	392000	1880.0	CP-OFDM 64 QAM	25@0	4.4628	4.909
2	15	5	392000	1880.0	CP-OFDM 256 QAM	25@0	4.4783	4.919
2	15	10	392000	1880.0	DFT-s-OFDM PI/2 BPSK	50@0	8.897	9.489
2	15	10	392000	1880.0	DFT-s-OFDM QPSK	50@0	8.9317	9.554
2	15	10	392000	1880.0	CP-OFDM QPSK	52@0	9.2698	9.932
2	15	10	392000	1880.0	CP-OFDM 16 QAM	52@0	9.2872	9.887
2	15	10	392000	1880.0	CP-OFDM 64 QAM	52@0	9.2689	9.892
2	15	10	392000	1880.0	CP-OFDM 256 QAM	52@0	9.2799	9.919
2	15	15	392000	1880.0	DFT-s-OFDM PI/2 BPSK	75@0	13.378	14.12
2	15	15	392000	1880.0	DFT-s-OFDM QPSK	75@0	13.405	14.2
2	15	15	392000	1880.0	CP-OFDM QPSK	79@0	14.095	14.89
2	15	15	392000	1880.0	CP-OFDM 16 QAM	79@0	14.092	14.83
2	15	15	392000	1880.0	CP-OFDM 64 QAM	79@0	14.108	14.84
2	15	15	392000	1880.0	CP-OFDM 256 QAM	79@0	14.079	14.85
2	15	20	392000	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	17.911	18.69
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	100@0	17.867	18.74
2	15	20	392000	1880.0	CP-OFDM QPSK	106@0	18.921	19.81
2	15	20	392000	1880.0	CP-OFDM 16 QAM	106@0	18.931	19.78

2	15	20	392000	1880.0	CP-OFDM 64 QAM	106@0	18.933	19.78
2	15	20	392000	1880.0	CP-OFDM 256 QAM	106@0	18.938	19.74

N2(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N2(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

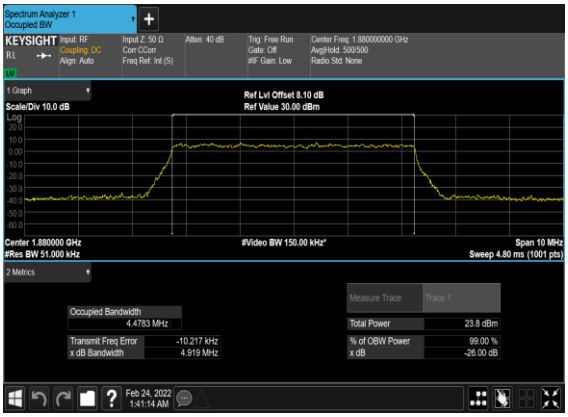


N2(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

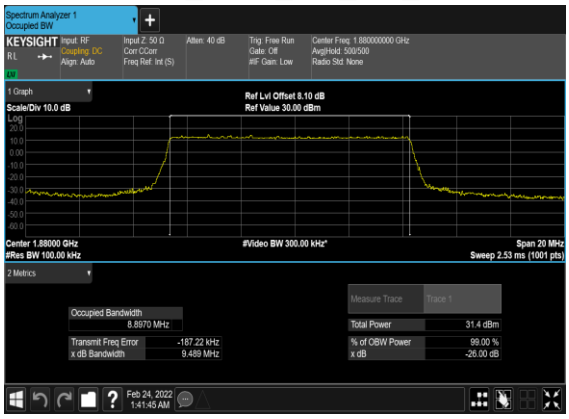
N2(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

N2(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N2(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



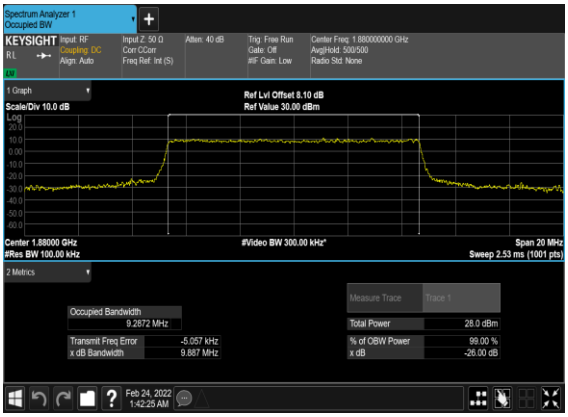
N2(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N2(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

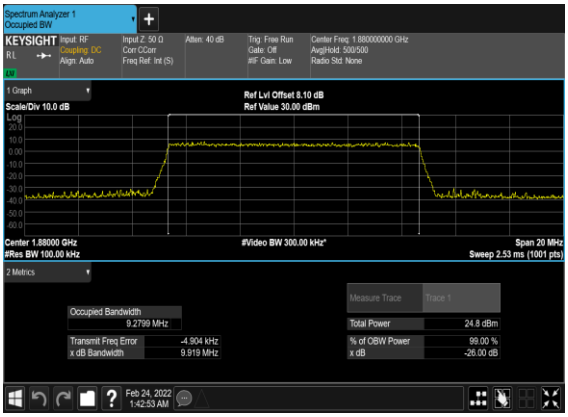
N2(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N2(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

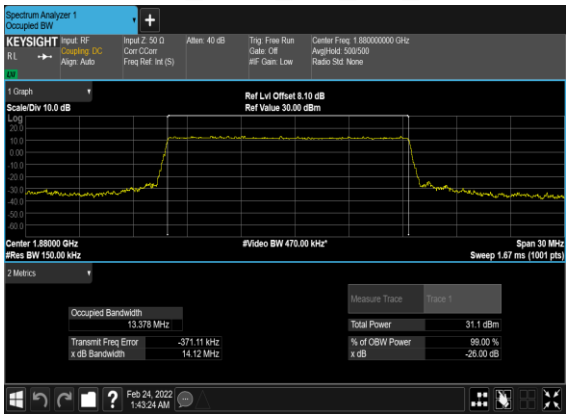


N2(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N2(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

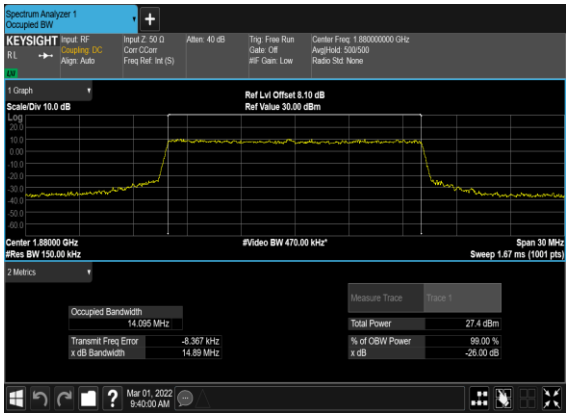


N2(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



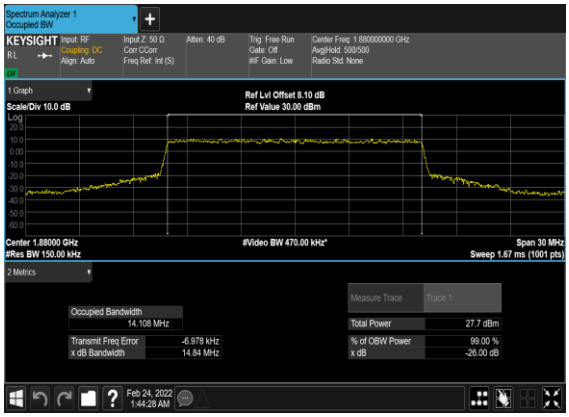
N2(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

N2(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

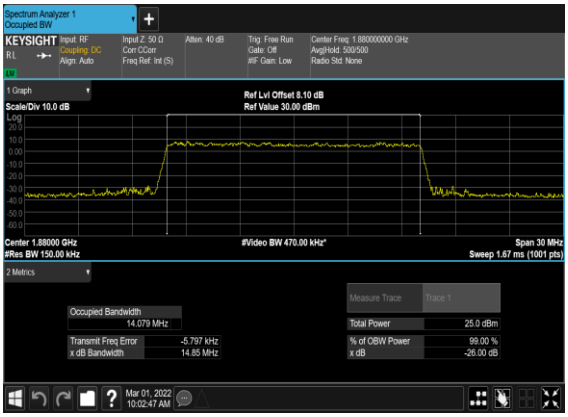


N2(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

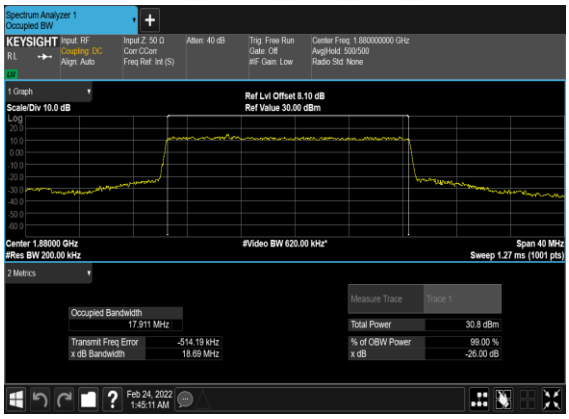
N2(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



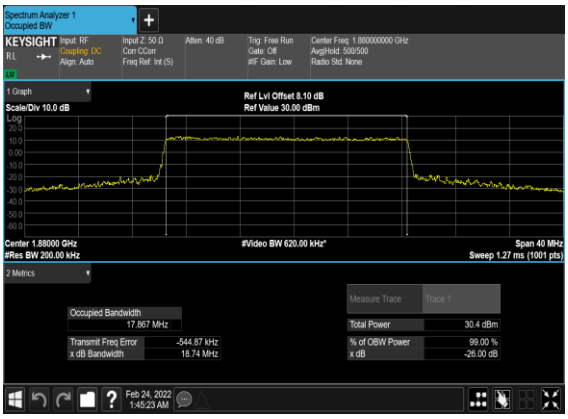
N2(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

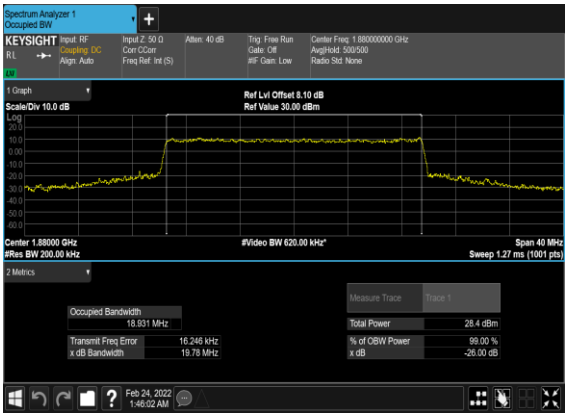


N2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



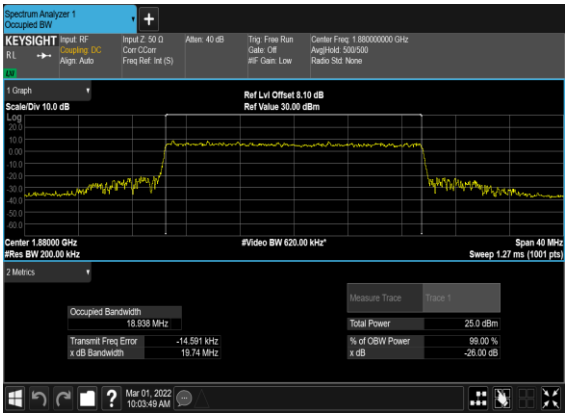
N2(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N2(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N2(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

N2(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

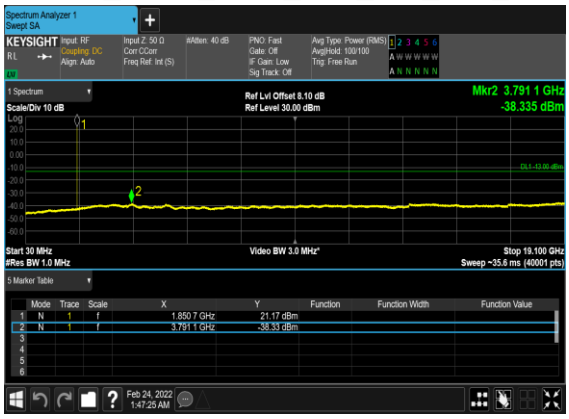


Conducted Spurious Emissions

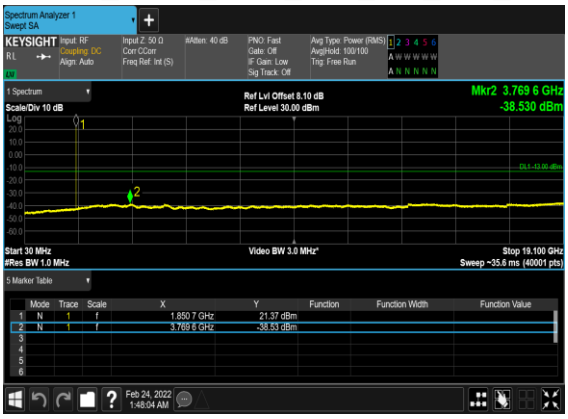
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
2	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	5	392000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	5	392000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	5	392000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	5	392000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	5	397500	1907.5	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	5	397500	1907.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	10	387000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	10	387000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	10	387000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	10	387000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	10	392000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	---
2	15	10	392000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	10	392000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	---
2	15	10	392000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

2	15	10	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
2	15	10	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	10	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
2	15	10	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
2	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
2	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	20	392000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
2	15	20	392000	1880.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
2	15	20	392000	1880.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
2	15	20	396000	1900.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
2	15	20	396000	1900.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

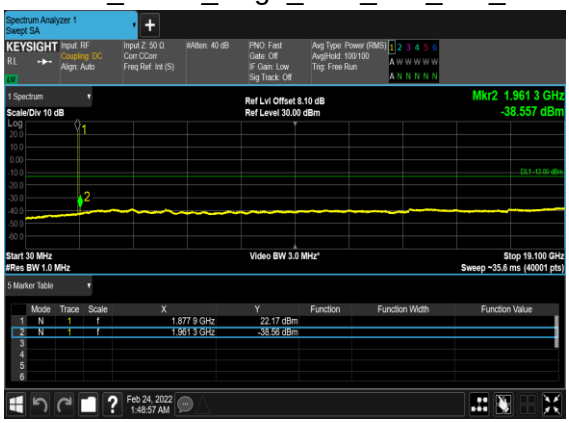
N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



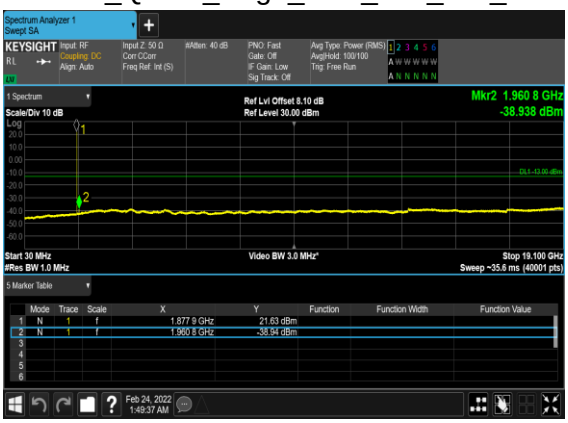
N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



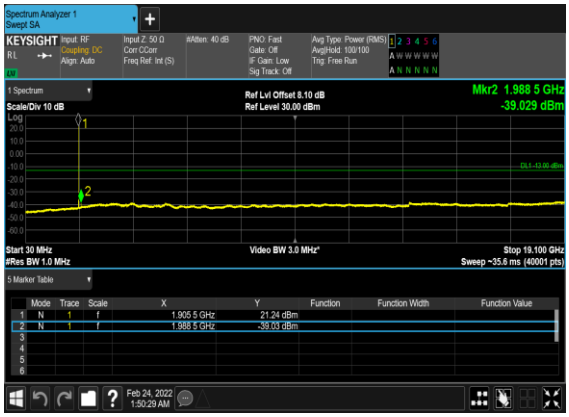
N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



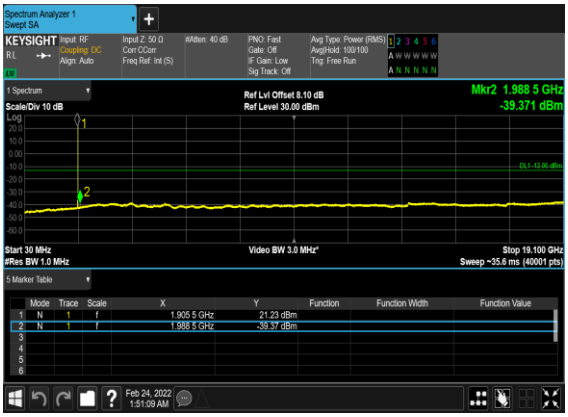
N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



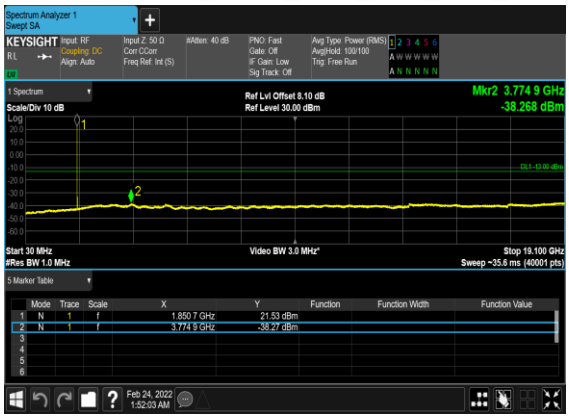
N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



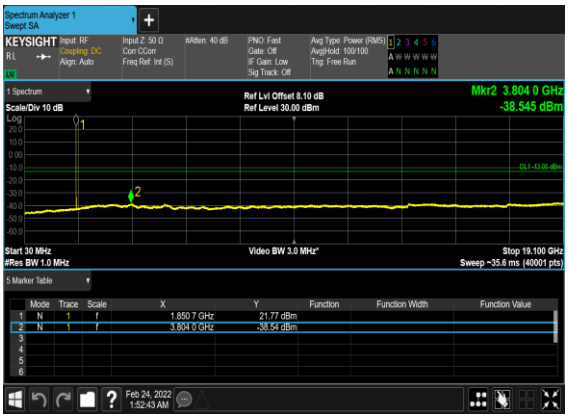
N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



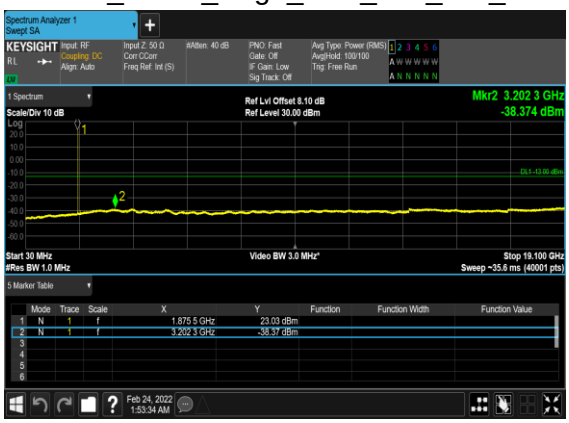
N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



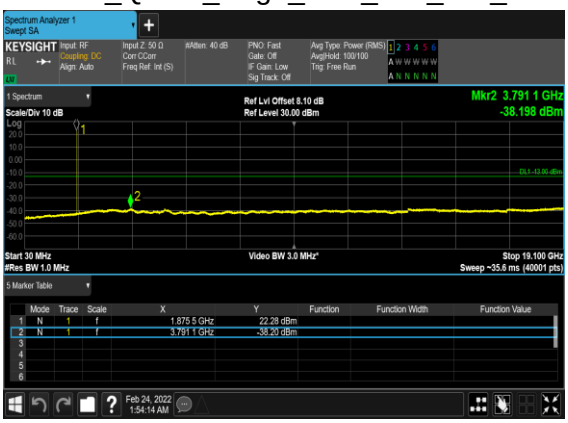
N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



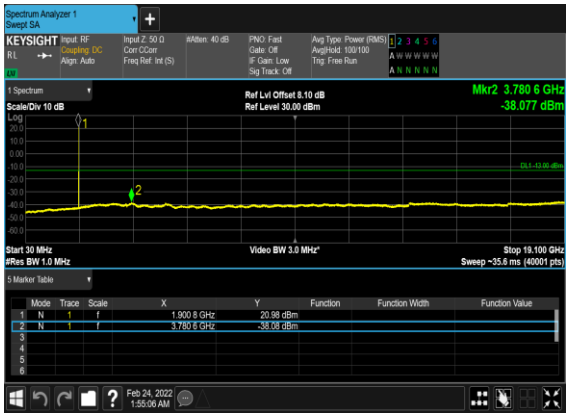
N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



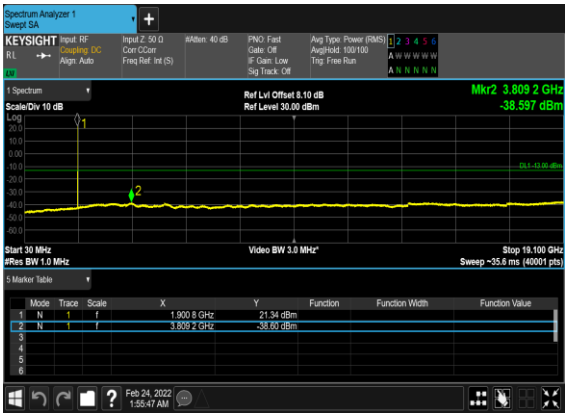
N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



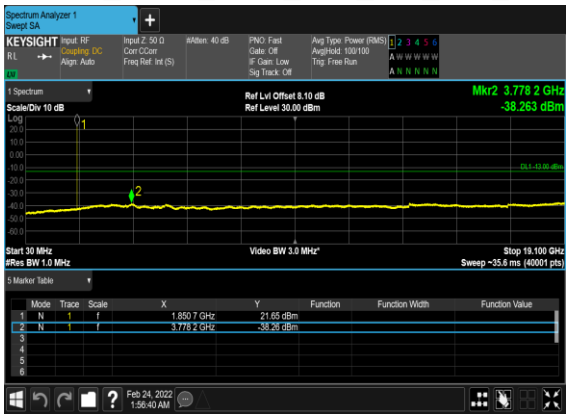
N2(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



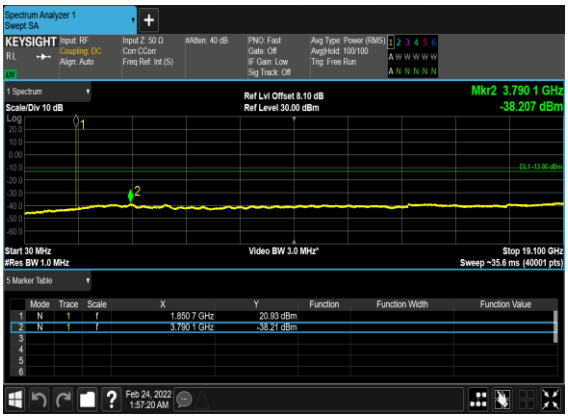
N2(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



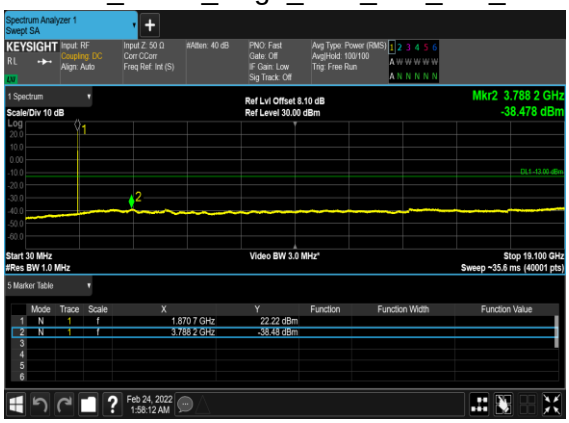
N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



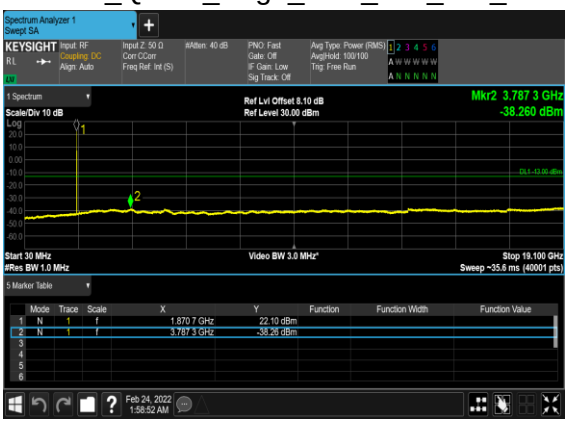
N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



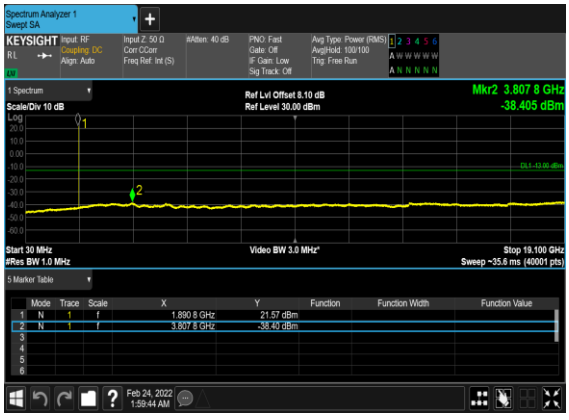
N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



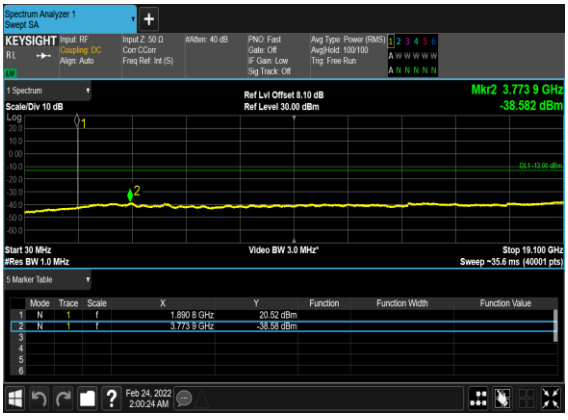
N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N2(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N2(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

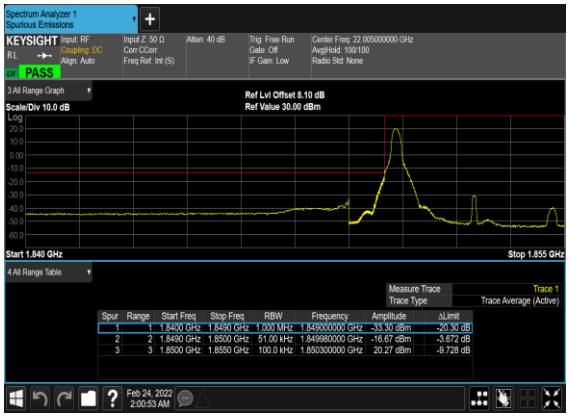


Conducted Band Edge

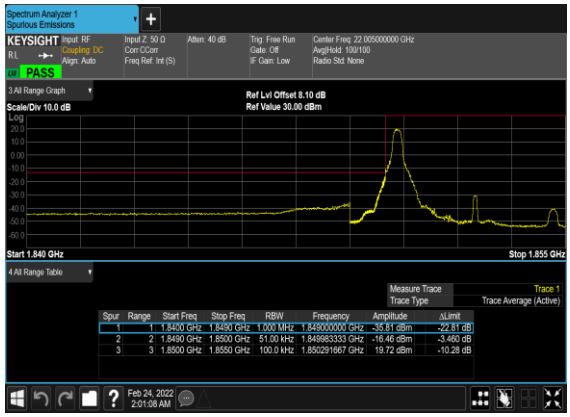
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
2	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	5	386500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
2	15	5	386500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
2	15	5	397500	1907.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
2	15	5	397500	1907.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
2	15	5	397500	1907.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
2	15	10	387000	1855.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	10	387000	1855.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	10	387000	1855.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
2	15	10	387000	1855.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
2	15	10	397000	1905.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
2	15	10	397000	1905.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
2	15	10	397000	1905.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
2	15	10	397000	1905.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
2	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

2	15	20	396000	1900.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
2	15	20	396000	1900.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

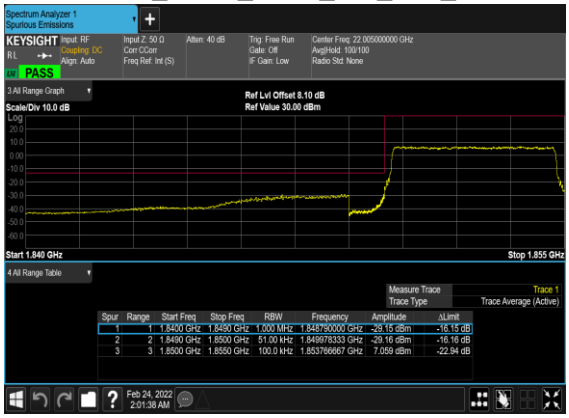
N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



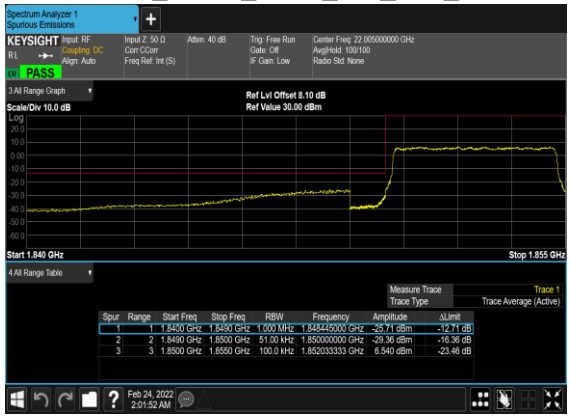
N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



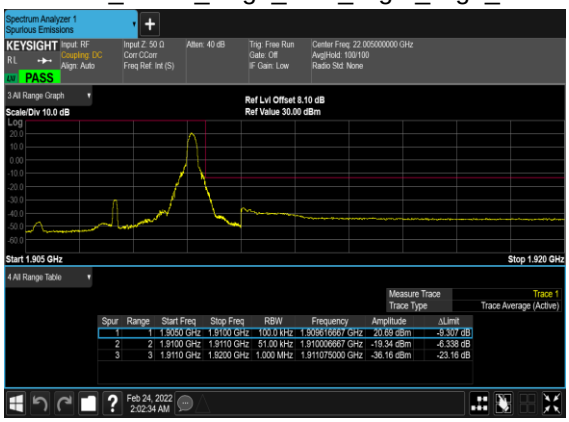
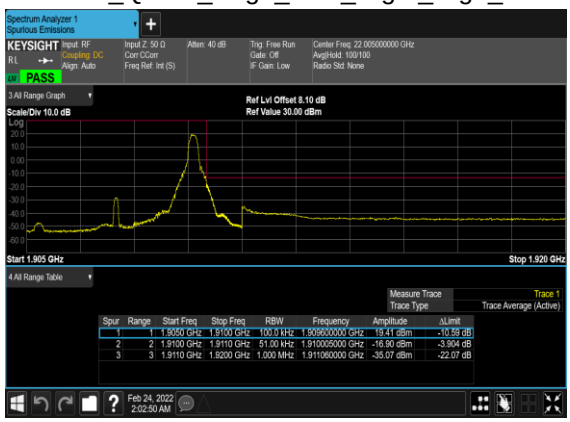
N2(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N2(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N2(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N2(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH