TEST REPORT

FCC MPE Test for RT2203-48A
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2201-FC114-R1

DATE OF ISSUE
July 29, 2022

Tested by Kyung Soo Kang	
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TEST REPORT

FCC MPE Test for RT2203-48A

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Additional Model
-

Applicant	**SAMSUNG Electronics Co., Ltd.** 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
Eut Type Model Name	RRU(RT2203) RT2203-48A
FCC ID	A3LRT2203-48A

The result shown in this test report refer only to the sample(s) tested unless otherwise stated.

This test results were applied only to the test methods required by the standard.

REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	June 17, 2022	Initial Release
1	July 29, 2022	Revised the results.

The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of the FCC Rules under normal use and maintenance.

If this report is required to confirmation of authenticity, please contact to www.hct.co.kr

RF Exposure Statement

1. Limit

According to §1.1310, §2.1091 RF exposure is calculated.

Frequency range (MHz)	Electric field Strength (V/m)	Magnetic field Strength (A/m)	Power density (mW/cm²)	Averaging time (minutes)
0.3 - 1.34……………………	614	1.63	*(100)	30
1.34 - 30………………………	824/f	2.19/f	*(180/f²)	30
30 - 300………………………	27.5	0.073	0.2	30
300 - 1500……………………	…………	…………	f/1500	30
1500 - 100.000………………	…………	…………	1.0	30

(B) Limits for General Population/Uncontrolled Exposures

F = frequency in MHz

* = Plane-wave equivalent power density

2. Maximum Permissible Exposure Prediction

Prediction of MPE limit at a given distance

$$S = PG/4\pi R^2$$

S = Power density

P = power input to antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

3. RESULTS

3.1 MPE calculation for standalone operations

- CBRS LTE 5 MHz 1 Carrier

Max Peak output Power at antenna input terminal	18.01	dBm
Max Peak output Power at antenna input terminal	63.24	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.0619	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 10 MHz 1 Carrier

Max Peak output Power at antenna input terminal	21.01	dBm
Max Peak output Power at antenna input terminal	126.18	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.1234	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 15 MHz 1 Carrier

Max Peak output Power at antenna input terminal	22.81	dBm
Max Peak output Power at antenna input terminal	190.99	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.1868	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 20 MHz 1 Carrier

Max Peak output Power at antenna input terminal	24.01	dBm
Max Peak output Power at antenna input terminal	251.77	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.2462	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 10 MHz 1 Carrier

Max Peak output Power at antenna input terminal	21.01	dBm
Max Peak output Power at antenna input terminal	126.18	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.1234	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 20 MHz 1 Carrier

Max Peak output Power at antenna input terminal	24.01	dBm
Max Peak output Power at antenna input terminal	251.77	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.2462	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 30 MHz 1 Carrier

Max Peak output Power at antenna input terminal	25.81	dBm
Max Peak output Power at antenna input terminal	381.07	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3727	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 40 MHz 1 Carrier

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 50 MHz 1 Carrier

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 60 MHz 1 Carrier

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 80 MHz 1 Carrier

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 100 MHz 1 Carrier

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(60 MHz 1C + 10 MHz 1C)[2C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(80 MHz 1C + 10 MHz 1C)[2C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE(5 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	25.01	dBm
Max Peak output Power at antenna input terminal	316.96	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3100	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE(20 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE(20 MHz 1C + 20 MHz 1C + 20 MHz 1C + 20 MHz 1C + 20 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(40 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(40 MHz 1C + 30 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(60 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C)[5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 60 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 10 MHz 1C [5C]

(Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 5 MHz 1C + LTE 5 MHz 1C [5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 40 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 5 MHz 1C [5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 40 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 5 MHz 1C + LTE 5 MHz 1C [5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 40 MHz 1C + NR 40 MHz 1C + LTE 5 MHz 1C + LTE 5 MHz 1C + LTE 5 MHz 1C [5C] (Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(10 MHz 1C + 60 MHz 1C)[2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(60 MHz 1C + 10 MHz 1C)[2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(10 MHz 1C + 80 MHz 1C)[2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR(80 MHz 1C + 10 MHz 1C)[2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

-CBRS LTE[5 MHz 1C + (5 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C)][5C(1C+4C)] (Non-Contiguous)

Max Peak output Power at antenna input terminal	25.01	dBm
Max Peak output Power at antenna input terminal	316.96	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3100	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

-CBRS LTE[(5 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C) + 5 MHz 1C][5C(4C+1C)] (Non-Contiguous)

Max Peak output Power at antenna input terminal	25.01	dBm
Max Peak output Power at antenna input terminal	316.96	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3100	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

-CBRS LTE[5 MHz 1C + (5 MHz 1C + 5 MHz 1C + 5 MHz 1C + 20 MHz 1C)][5C(1C+4C)] (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

-CBRS LTE[(20 MHz 1C + 5 MHz 1C + 5 MHz 1C + 5 MHz 1C) + 5 MHz 1C][5C(4C+1C)] (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE[20 MHz 1C + (20 MHz 1C + 20 MHz 1C + 20 MHz 1C + 20 MHz 1C)][5C(1C+4C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE[(20 MHz 1C + 20 MHz 1C + 20 MHz 1C + 20 MHz 1C) + 20 MHz 1C][5C(4C+1C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[10 MHz 1C + (10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C)][5C(1C+4C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[(10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C) + 10 MHz 1C][5C(4C+1C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[10 MHz 1C + (10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 40 MHz 1C)][5C(1C+4C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[(40 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C) + 10 MHz 1C][5C(4C+1C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[10 MHz 1C + (10 MHz 1C + 10 MHz 1C + 30 MHz 1C + 40 MHz 1C)][5C(1C+4C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[(40 MHz 1C + 30 MHz 1C + 10 MHz 1C + 10 MHz 1C) + 10 MHz 1C][5C(4C+1C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[60 MHz 1C + (10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C)][5C(1C+4C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR[(10 MHz 1C + 10 MHz 1C + 10 MHz 1C + 10 MHz 1C) + 60 MHz 1C][5C(4C+1C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS NR 60 MHz 1C + (NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 10 MHz 1C)

[5C(1C+4C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS (LTE 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C) + NR 60 MHz 1C [5C(4C+1C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 5 MHz 1C + (LTE 5 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C) [5C(1C+4C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS (NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 5 MHz 1C) + LTE 5 MHz 1C [5C(4C+1C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 5 MHz 1C + (NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 40 MHz 1C) [5C(1C+4C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS (NR 40 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C) + LTE 5 MHz 1C [5C(4C+1C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 5 MHz 1C + (LTE 5 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + NR 40 MHz 1C) [5C(1C+4C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS (NR 40 MHz 1C + NR 10 MHz 1C + NR 10 MHz 1C + LTE 5 MHz 1C) + LTE 5 MHz 1C [5C(4C+1C)]

  (Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS LTE 5 MHz 1C + (LTE 5 1C + LTE 5 MHz 1C + NR 40 MHz 1C + NR 40 MHz 1C) [5C(1C+4C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2

- CBRS (NR 40 MHz 1C + NR 40 MHz 1C + LTE 5 MHz 1C + LTE 5 MHz 1C) + LTE 5 MHz 1C [5C(4C+1C)]

(Non-Contiguous)

Max Peak output Power at antenna input terminal	26.01	dBm
Max Peak output Power at antenna input terminal	399.02	mW
Prediction distance	24.00	cm
Prediction frequency	3 550.00	MHz
Antenna Gain(typical)	8.50	dBi
Antenna Gain(numeric)	7.079	-
Power density at prediction frequency(S)	0.3903	mW/cm^2
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm^2