

# TEST REPORT

FCC MPE Test for RF4437d-25C  
Class II Permissive Change

**APPLICANT**  
SAMSUNG Electronics Co., Ltd.

**REPORT NO.**  
HCT-RF-2302-FC010

**DATE OF ISSUE**  
February 21, 2023

**Tested by**  
Kyung Soo Kang



**Technical Manager**  
Jong Seok Lee



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<p><b>TEST REPORT</b></p> <p>FCC MPE Test for RF4437d-25C</p>	<p><b>REPORT NO.</b> HCT-RF-2302-FC010</p> <p><b>DATE OF ISSUE</b> February 21, 2023</p> <p><b>Additional Model</b> -</p>
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<b>Applicant</b>	<b>SAMSUNG Electronics Co., Ltd.</b> 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
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<b>Eut Type Model Name</b>	RRU(RF4437d) RF4437d-25C
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<b>FCC ID</b>	A3LRF4437D-25C
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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	February 21, 2023	Initial Release

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](http://www.hct.co.kr)

## RF Exposure Statement

### 1. Limit

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

(B) Limits for General Population/Uncontrolled Exposures

Frequency range (MHz)	Electric field Strength (V/m)	Magnetic field Strength (A/m)	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
0.3 - 1.34.....	614	1.63	*(100)	30
1.34 - 30.....	824/f	2.19/f	*(180/f <sup>2</sup> )	30
30 - 300.....	27.5	0.073	0.2	30
300 - 1500.....	.....	.....	f/1500	30
1500 - 100.000.....	.....	.....	1.0	30

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

- (4 Port) 5G NR n2 5 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 10 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) 5G NR n2 15 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) 5G NR n2 20 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) DSS B2 10 MHz 2t8 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) DSS B2 10 MHz 5t5 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 9t1 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



## - (4 Port) DSS B2 15 MHz 2t8 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
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MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 15 MHz 9t1 [1 Carrier]

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- (4 Port) DSS B2 20 MHz 9t1 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
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Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B2 5 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B2 10 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B2 15 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B2 20 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) 5G NR n66 5 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) 5G NR n66 10 MHz [1 Carrier]

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Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) 5G NR n66 15 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) 5G NR n66 20 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



## - (4 Port) DSS B66 10 MHz 2t8 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) DSS B66 10 MHz 5t5 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 9t1 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) DSS B66 15 MHz 2t8 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) DSS B66 15 MHz 5t5 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
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Max Peak output Power at antenna input terminal	47.02	dBm
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MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) DSS B66 20 MHz 2t8 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
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## - (4 Port) DSS B66 20 MHz 5t5 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 20 MHz 9t1 [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B66 5 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B66 10 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B66 15 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

## - (4 Port) LTE B66 20 MHz [1 Carrier]

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



## - (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 Mhz 1 Carrier [2 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

 - (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]  
 (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 20 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
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Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
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- (4 Port) DSS B2 10 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
(Contiguous)

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MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 20 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]

(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
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MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- 4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrer [3 Carrier]

(Contiguous)

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Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrer + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 15 MHz 1 Carrer [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrer [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 15 MHz 1 Carrier + LTE B2 5 MHz 1 Carrer [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 15 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
[3 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
[3 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



- (4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]  
(Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
 + 5G NR n66 5 MHz 1 Carrier [4 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier  
 + 5G NR n66 20 MHz 1 Carrier [4 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
 + DSS B66 10 MHz 1 Carrier [4 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 + 5G NR n66 20 MHz 1 Carrier [4 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier  
 + LTE B66 10 MHz 1 Carrier [4 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 + DSS B66 15 MHz 1 Carrier [4 Carrier] (Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 Mhz 1 Carrier [2 Carrier] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]  
 [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]  
 [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 20 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 20 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
 [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
 [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n2 5 MHz 1 Carrier + 5G NR n2 20 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
 [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
 [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 20 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
 [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 20 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrier [3 Carrier]  
 [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- 4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrer [3 Carrier]  
 [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- 4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrer [3 Carrier]  
 [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrer + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 15 MHz 1 Carrer [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrer + 5G NR n2 5 MHz 1 Carrier + 5G NR n2 15 MHz 1 Carrer [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrer [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 5 MHz 1 Carrier + LTE B2 5 MHz 1 Carrer [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 15 MHz 1 Carrier + LTE B2 5 MHz 1 Carrer [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + 5G NR n2 15 MHz 1 Carrier + LTE B2 5 MHz 1 Carrer [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier + DSS B2 10 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 15 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
 [3 Carrier] [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 15 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
 [3 Carrier] [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
 [3 Carrier] [1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier  
 [3 Carrier] [2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]  
[1C+2C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 20 MHz 1 Carrier [3 Carrier]  
[2C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
 + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [1C+3C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
 + 5G NR n66 5 MHz 1 Carrier [4 Carrier] [3C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier  
+ 5G NR n66 20 MHz 1 Carrier [4 Carrier] [1C+3C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 10 MHz 1 Carrier  
+ 5G NR n66 20 MHz 1 Carrier [4 Carrier] [3C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>



- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
 + DSS B66 10 MHz 1 Carrier [4 Carrier] [1C+3C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier  
 + DSS B66 10 MHz 1 Carrier [4 Carrier] [3C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [1C+3C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 + 5G NR n66 20 MHz 1 Carrier [4 Carrier] [3C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier  
 + LTE B66 10 MHz 1 Carrier [4 Carrier] [1C+3C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) DSS B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier + LTE B66 5 MHz 1 Carrier  
 + LTE B66 10 MHz 1 Carrier [4 Carrier] [3C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 + DSS B66 15 MHz 1 Carrier [4 Carrier] [1C+3C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B66 5 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier + DSS B66 10 MHz 1 Carrier  
 + DSS B66 15 MHz 1 Carrier [4 Carrier] [3C+1C] (Non-Contiguous)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	2 110.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B2 5 MHz + LTE B2 5 MHz + LTE B2 5 MHz + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier [6 Carrier] (Interband)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>

- (4 Port) LTE B2 5 MHz + LTE B2 5 MHz + LTE B2 10 MHz + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 5 MHz 1 Carrier + 5G NR n66 20 MHz 1 Carrier [6 Carrier] (Interband)

Max Peak output Power at antenna input terminal	47.02	dBm
Max Peak output Power at antenna input terminal	50 350.06	mW
Prediction distance	400.00	cm
Prediction frequency	1 930.00	MHz
Antenna Gain(typical)	12.50	dBi
Antenna Gain(numeric)	17.783	-
Power density at prediction frequency( S)	0.4453	mW/cm <sup>2</sup>
MPE limit for uncontrolled exposure at prediction frequency	1.0000	mW/cm <sup>2</sup>