

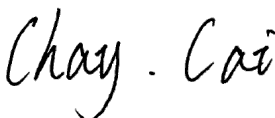
FCC RF EXPOSURE REPORT

FCC ID: 2AQI5-CM995

Project No. : 2509C072
Equipment : BE6500 Wi-Fi 7 USB Adapter
Brand Name : **UGREEN**
Test Model : CM995
Model Name : CM995
Hardware Version : CM995
Software Version : 5102.24.126.4
Applicant : Ugreen Group Limited
Address : Ugreen Building, Long cheng Industrial Park, Longguanxi Road,
Longhua, Shenzhen, China
Manufacturer : Ugreen Group Limited
Address : Ugreen Building, Long cheng Industrial Park, Longguanxi Road,
Longhua, Shenzhen, China
Date of Receipt : Sep. 08, 2025
Date of Test : Sep. 08, 2025 ~ Nov. 03, 2025
Issued Date : Nov. 07, 2025
Test Sample : Engineering Sample No.: DG92025090834, DG2025090838
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

Prepared by : 
Sheldon Ou

Approved by : 
Chay Cai

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

Service mail: btl_qa@newbtl.com

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-5-2509C072	R00	Original Report.	Nov. 07, 2025	Valid

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the 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

2. ANTENNA SPECIFICATION

For 2.4GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	UANT [®]	UB01C110P3D5033A	PCB	N/A	2.23
2	UANT [®]	UB01C110P3D5033A	PCB	N/A	2.23

Note:

- 1) This EUT supports CDD(except the IEEE 802.11b/g mode), and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=2.23.
- 2) The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	UANT [®]	UB01C110P3D5033A	PCB	N/A	3.06
2	UANT [®]	UB01C110P3D5033A	PCB	N/A	3.06

Note:

- 1) This EUT supports CDD(except the IEEE 802.11a mode), and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain.
For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=3.06.
- 2) The antenna gain is provided by the manufacturer.

For WIFI 6E:

Ant.	Brand	P/N	Antenna Type	Connector	Frequency Range (MHz)	Gain (dBi)
1	UANT [®]	UB01C110 P3D5033A	PCB	N/A	5925-7125	3.84
2	UANT [®]	UB01C110 P3D5033A	PCB	N/A	5925-7125	3.84

Note:

- 1) This EUT supports CDD, and all antennas have the same gain, Directional gain = G_{ANT}+Array Gain. For power measurements, Array Gain=0dB (N_{ANT}≤4), so the Directional gain=3.84.
- 2) The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.23	1.6711	21.90	154.8817	0.05152	1	Complies

For 5GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.06	2.0230	23.97	249.4595	0.10045	1	Complies

For WIFI 6E:

Max. e.i.r.p. (dBm)	Max. e.i.r.p. (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
17.77	59.8412	0.01191	1	Complies

For the max simultaneous transmission MPE:

Ratio			Total	Limit of Ratio	Test Result
2.4GHz	5GHz	WIFI 6E			
0.05152	0.10045	0.01191	0.1639	1	Complies

Note:

- (1) The calculated distance is 20 cm.
- (2) Ratio=Power Density (S) (mW/cm²)/Limit of Power Density (S) (mW/cm²)
- (3) Output power including tune up tolerance.

End of Test Report