

# **FCC RF EXPOSURE REPORT**

**FCC ID: RWO-RC30014801**

**Project No. : 1701C279**  
**Equipment : Audio Hub**  
**Model : RC30-014801**  
**Applicant : Razer Inc.**  
**Address : 201 3rd Street, Suite 900, San Francisco, CA**  
**94103**

**According: : FCC Guidelines for Human Exposure IEEE**  
**C95.1**

**B T L I N C .**

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## 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

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	Printed	N/A	3.30

## TEST RESULTS

EUT :	Audio Hub	Model Name :	RC30-014801
Temperature :	25 °C	Relative Humidity:	53 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	Test Mode		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
3.3	2.1380	6.3	4.2658	0.00182	1	Complies
3.3	2.1380	4.47	2.7990	0.00119	1	Complies
3.3	2.1380	3.55	2.2646	0.00096	1	Complies

Note: the calculated distance is 20 cm.