

FCC RF EXPOSURE REPORT

FCC ID: RWO-RC30015901

Project No. : 1701C279B
Equipment : Audio Hub
Model : RC30-015901
Applicant : Razer Inc.
Address : 201 3rd Street, Suite 900, San Francisco, CA 94103

According: : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

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 :	RC30-015901
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.3	2.1380	6.30	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.