

FCC RF EXPOSURE REPORT

FCC ID: 2AK4D-S003

Project No. : 1709C160A
Equipment : Portable Bluetooth Speaker
Model : Solo 3
Applicant : DYNAUDIO A/S
Address : Sverigesvej 15, 8660 Skanderborg, Denmark

**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:

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

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	Internal Antenna	N/A	2.15

TEST RESULTS

EUT :	Portable Bluetooth Speaker	Model Name :	Solo 3
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		

BT

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
2.15	1.6406	3.89	2.4491	0.00080	1	Complies

Note: the calculated distance is 20 cm.