



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: P4GTVEE26

Project No. : 1206C140
Equipment : TX Wireless Speaker System
Model : Tvee®26
Applicant : Boston Acoustics INC.
Address : 7 Constitution Way, Woburn, Massachusetts 01801,
USA

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

Neutron Engineering Inc.

No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.

TEL : (0769) 8318-3000 FAX : (0769) 8319-6000



Neutron Engineering Inc.

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

Ant.	Brand name	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB Antenna	N/A	3.3

TEST RESULTS

EUT:	TX Wireless Speaker System	Model Name :	Tvee®26
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	CH01/ CH10 /CH18 -5Mbps		

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	1.70	1.4791	0.000629	1	Complies
3.3	2.1380	1.73	1.4894	0.000634	1	Complies
3.3	2.1380	1.85	1.5311	0.000652	1	Complies