



Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID: STI-KMC3

Project No. : 1301C066
Equipment : Portable Bluetooth Speaker system
Model : KMC 3
Applicant : Klipsch Group, Inc.
Address : 3502 Woodview Trace, Indianapolis, IN 46069

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	PIFA Antenna	N/A	0

TEST RESULTS

EUT:	Portable Bluetooth Speaker system	Model Name :	KMC 3
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	CH00/ CH39 /CH78 -1Mbps		

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
0	1.0000	2.34	1.7140	0.00034115	1	Complies
0	1.0000	2.09	1.6181	0.00032207	1	Complies
0	1.0000	2.18	1.6520	0.00032881	1	Complies

EUT:	Portable Bluetooth Speaker system	Model Name :	KMC 3
Temperature:	25 °C	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	CH00/ CH39 /CH78 -3Mbps		

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
0	1.0000	1.23	1.3274	0.00026421	1	Complies
0	1.0000	1.01	1.2618	0.00025116	1	Complies
0	1.0000	1.08	1.2823	0.00025524	1	Complies