Neutron Engineering Inc.

FCC RF EXPOSURE REPORT

FCC ID:BOU-DS7880

Project No.	**: 1212C060A**
Equipment	**: Docking Speaker**
Model	**: DS7880/37;DS7880/17;DS7880/07**
Applicant	**: Philips Consumer Lifestyle**
Address	**: 5/F, Philips Electronics Building, 5 Science Park East Avenue, Hong Kong Science Park, Shatin, New Territories, Hong Kong**
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

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

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PIFA Antenna	N/A	0

TEST RESULTS

EUT:	Docking Speaker	Model Name :	DS7880/37
Temperature:	25 ℃	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**	**3.50**	**2.2387**	**0.00044561**	**1**	**Complies**
0	1.0000	2.78	1.8967	0.00037753	1	Complies
0	1.0000	2.03	1.5959	0.00031765	1	Complies

EUT:	Docking Speaker	Model Name :	DS7880/37
Temperature:	25 ℃	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**	**3.89**	**2.4491**	**0.00048747**	**1**	**Complies**
0	1.0000	2.77	1.8923	0.00037666	1	Complies
0	1.0000	2.09	1.6181	0.00032207	1	Complies