

FCC RF EXPOSURE REPORT

FCC ID: 2AANUCSS5530

Project No. : 1507C061
Equipment : Cinema Speaker
Model : CSS5530B/37; CSS5530X/**
Applicant : Gibson Innovations Limited
Address : 5/F-6/F PHILIPS ELECTRONICS BLDG 5
SCIENCE PARK AVE HONG KONG SCIENCE
PARK NT
According: : FCC Guidelines for Human Exposure IEEE
C95.1

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)	Note
A	N/A	N/A	Printed	N/A	1.44	
B	N/A	N/A	Printed	N/A	1.44	

TEST RESULTS

EUT :	Cinema Speaker	Model Name :	CSS5530B/37; CSS5530X/**
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX MODE		

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
1.44	1.3932	6.83	4.8195	0.00133644	1	Complies
1.44	1.3932	6.42	4.3853	0.00121605	1	Complies
1.44	1.3932	7.88	6.1376	0.00170196	1	Complies

Note: the calculated distance is 20 cm.