

FCC RF EXPOSURE REPORT

FCC ID: 2AANUB5

Project No. : 1407C051C
Equipment : Soundbar Speaker
Model : B5/37, B5/ (The “**” can be F7 or 37 for market use.)**
Applicant : Gibson Innovations Limited
**Address : 5/F Philips Electronics Building,5 Science Park
East Ave,HK Science Park, Shatin, NT, Hong Kong**
According: : FCC Guidelines for Human Exposure IEEE C95.1

B T L I N C .

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, China.
TEL: +86-769-8318-3000 FAX: +86-769-8319-6000

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

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
A	N/A	N/A	Printed	N/A	2.12
B	N/A	N/A	Printed	N/A	2.12

TEST RESULTS

EUT :	Soundbar Speaker	Model Name :	B5/37, B5/**
Temperature :	28 °C	Relative Humidity:	60 %
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
2.12	1.6293	6.39	4.3551	0.00141238	1	Complies
2.12	1.6293	5.4	3.4674	0.00112448	1	Complies
2.12	1.6293	3.5	2.2387	0.00072602	1	Complies

Note: the calculated distance is 20 cm.