



**Neutron Engineering Inc.**

# **FCC RF EXPOSURE REPORT**

**FCC ID: YWC-GD22JT**

**Project No.** : 1010C076  
**Equipment** : Multimedia Player  
**Model** : GD22JT  
**Applicant** : ITONE DIGITAL SHENZHEN CO.,LTD  
**Address** : B3,No.3,2nd Row, Xinfu Industrial Zone, Xinqiao,  
Shajing, Baoan District, Shenzhen, China  
  
**According:** : FCC Guidelines for Human Exposure IEEE C95.1

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### 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	MAG.LAYERS	LTA-6025-2G4S3-B1-RO	CHIP	N/A	0.38

### TEST RESULTS

EUT:	Multimedia Player	Model Name :	GD22JT
Temperature:	23 °C	Relative Humidity:	51 %
Pressure:	1010 hPa	Test Voltage :	DC 3.7V
Test Mode :	CH01 / CH16/ CH34		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
0.38	1.0914	14.19	26.2422	0.00570099	1	Complies
<b>0.38</b>	<b>1.0914</b>	<b>15.65</b>	<b>36.7282</b>	<b>0.00797903</b>	<b>1</b>	<b>Complies</b>
0.38	1.0914	14.66	29.2415	0.00635258	1	Complies

The calculated value is **0.00797903** mW / cm<sup>2</sup> < limit 1 mW / cm<sup>2</sup>. So, RF exposure limit warning or SAR test are not required.

The EUT will only be used with a separation of 20cm or greater between the antenna and nearby persons and can therefore be considered a mobile transmitter per 47CFR2.1091 (b).