

FCC RF EXPOSURE REPORT

FCC ID: ZVAPS000019

Project No. : 1503C087A
Equipment : SHOUT Dual Mode WiFi/Bluetooth Smart Speaker
Model : IS0101
Applicant : TCL Technoly Electronics(Huizhou) Co.,Ltd.
Address : Section 37, Zhongkai High-tech Development
Zone, Huizhou City, Guang Dong Province, China,
516006

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:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

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)
1	N/A	N/A	Internal	N/A	3.97

TEST RESULTS

EUT :	SHOUT Dual Mode WiFi/Bluetooth Smart Speaker	Model Name :	IS0101
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX Mode _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
3.97	2.4946	6.24	4.2073	0.00208906	1	Complies
3.97	2.4946	6.96	4.9659	0.00246576	1	Complies
3.97	2.4946	7.45	5.5590	0.00276026	1	Complies

Note: the calculated distance is 20 cm.