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**

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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)
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 ℃	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	1.01	1.2618	0.00062654	1	Complies
3.97	2.4946	1.3	1.3490	0.00066981	1	Complies
3.97	2.4946	0.94	1.2417	0.00061652	1	Complies

EUT：	SHOUT Dual Mode WiFi/Bluetooth Smart Speaker	Model Name :	IS0101
Temperature：	25 ℃	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode ：	TX Mode _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
3.97	2.4946	0.76	1.1912	0.00059149	1	Complies
3.97	2.4946	0.79	1.1995	0.00059559	1	Complies
3.97	2.4946	0.61	1.1508	0.00057141	1	Complies

Note: the calculated distance is 20 cm.