



**BUREAU
VERITAS**

Test Report No.: FS150724N086



RF EXPOSURE REPORT

Applicant	TCL TECHNOLY ELECTRONICS(HUIZHOU) CO., LTD
Address	Section 37,Zhongkai High-tech development Zone,Huizhou City,Guangdong Province,China 516006.

Manufacturer or Supplier	amadana corp.
Address	JINNAN BUILDING 5F 1-3-4 JINNAN SHIBUYA-KU TOKYO 150-0041 JAPAN.
Product	WIRELESS SNOWGLOBE SPEAKER
Brand Name	imp.
Model	IMP-201
Additional Model & Model Difference	N/A
Date of tests	Jul. 24, 2015 ~ Aug. 24, 2015

- FCC Part 2 (Section 2.1091)
- KDB 447498 D03
- IEEE C95.1

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Tested by Blue Zheng Project Engineer / EMC Department	Approved by Chris Chen Assistant Manager / EMC Department
	
Date: Aug. 24, 2015	

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS150724N086	Original release	Aug. 24, 2015

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1. CERTIFICATION

FCC ID:	ZVAPS000018
PRODUCT:	WIRELESS SNOWGLOBE SPEAKER
BRAND NAME:	imp.
MODEL NO.:	IMP-201
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	TCL TECHNOLOGY ELECTRONICS(HUIZHOU) CO., LTD
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D03
	IEEE C95.1

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2. RF EXPOSURE LIMIT

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm ²)	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	F/1500	30
1500-100,000	1.0	30

F = Frequency in MHz

3. MPE CALCULATION FORMULA

$$Pd = (Pout * G) / (4 * pi * r^2)$$

where

Pd = power density in mW/cm²

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.



5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Total Gain (dBi)	Antenna Type
Chain 0	1.96	1.96	PIFA Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2402-2480	7.295	1.96	20	0.002845	1.00

Conclusion

Therefore device complies with FCC's RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)

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