



Test Report No.: FS150901N043



RF EXPOSURE REPORT

Applicant	SZ Telstar CO., LTD
Address	Telstar Technology Park No. 12-14, Gangbei Industrial Zone, Ailian, Longgang Dist, Shenzhen Guangdong 518172 China

Manufacturer or Supplier	SZ Telstar CO.,LTD
Address	Telstar Technology Park No. 12-14, Gangbei Industrial Zone, Ailian, Longgang Dist, Shenzhen Guangdong 518172 China
Product	Projector
Brand Name	miroir, Brookstone
Model	MP130
Additional Model & Model Difference	MP120, 975362; See items 3.1
Date of tests	Oct. 01, 2015 ~ Oct. 09, 2015

- ☒ FCC Part 2 (Section 2.1091)
- ☒ KDB 447498 D01
- ☒ 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: Oct. 09, 2015

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS150901N043	Original release	Oct. 09, 2015

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1. CERTIFICATION

PRODUCT: Projector
BRAND NAME: miroir, Brookstone
MODEL NO.: MP130
ADDITIONAL MODEL: MP120, 975362
FCC ID: 2AFOW-130BE8888
TEST SAMPLE: ENGINEERING SAMPLE
APPLICANT: SZ Telstar CO., LTD
STANDARDS: FCC Part 2 (Section 2.1091)
KDB 447498 D01
IEEE C95.1

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

2. MPE CALCULATION FORMULA

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

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

3. 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**.



4. ANTENNA GAIN

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

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	1.0	Wire Antenna

5. 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)
2412-2462	59.02011	1.0	20	0.014782	1.0

--- END ---