



Test Report No.: FS RF150904N002

# 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                                                                                                             |
| Model                               | MP150W                                                                                                             |
| Additional Model & Model Difference | N/A                                                                                                                |
| 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<br>Project Engineer / EMC Department                           | Approved by Chris Chen<br>Assistant Manager / EMC Department                                                     |
|  | <br><br>Date: Oct. 09, 2015 |

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## RELEASE CONTROL RECORD

| ISSUE NO.    | REASON FOR CHANGE | DATE ISSUED   |
|--------------|-------------------|---------------|
| FS150904N002 | Original release  | Oct. 09, 2015 |

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## 1. CERTIFICATION

**PRODUCT:** Projector

**BRAND NAME:** miroir

**MODEL NO.:** MP150W

**ADDITIONAL MODEL:** N/A

**FCC ID:** 2AFOW-150WMIROIR

**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 <sup>2</sup> ) | 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

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

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = 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

## 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 <sup>2</sup> ) | LIMIT (mW/cm <sup>2</sup> ) |
|----------------------|----------------|--------------------|---------------|-------------------------------------|-----------------------------|
| 2412-2462            | 54.702         | 1.0                | 20            | 0.0137                              | 1.0                         |

--- END ---