

# RF EXPOSURE REPORT

Applicant	SZ Telstar CO.,LTD
Address	Telstar Technology Park No.12~14,Gangbei Industrial Zone, Ailian, Longgang District, ShenZhen

Manufacturer or Supplier	SZ Telstar CO.,LTD
Address	Telstar Technology Park No.12~14,Gangbei Industrial Zone, Ailian, Longgang District, ShenZhen
Product	Projector
Brand Name	miroir
Model	MP631
Additional Model & Model Difference	M631
Date of tests	Nov. 09 to Nov. 15, 2018

- **KDB 447498 D01**
- **⊠** IEEE C95.1

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

Tested by Evans He Project Engineer / EMC Department	Approved by David Huang Supervisor/ EMC Department		
mais. He	David Huang		
	Dato: Nov. 16, 2018		

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# **RELEASE CONTROL RECORD**

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM181024N023-1	Original release	Nov. 16, 2018

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## 1. CERTIFICATION

**PRODUCT:** Projector

**BRAND NAME:** miroir

MODEL NO.: MP631

**ADDITIONAL MODEL:** M631

FCC ID: 2AFOW-631MIROIR

**TEST SAMPLE:** ENGINEERING SAMPLE

APPLICANT: SZ Telstar CO.,LTD

**TESTED DATES:** Nov. 09 to Nov. 15, 2018

**STANDARDS:** FCC Part 2 (Section 2.1091)

KDB 447498 D01

**IEEE C95.1** 

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#### 2.RF EXPOSURE LIMIT

## LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)						
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/cm<sup>2</sup>

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**.

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## 5. ANTENNA GAIN

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

Frequency Band	Antenna Gain (dBi)	Antenna Type
BT-LE (GFSK)	0	PCB Antenna

# 6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
BT-LE (GFSK)	2402-2480MHz	-7	+-2	-9	-5

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
BT-LE (GFSK)	2480	-6.32

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm²)	LIMIT (mW/cm²)
BT-LE (GFSK)	-5	0	20	0.000063	1.0

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