RF EXPOSURE REPORT

Applicant	Shenzhen VanTop Technology & Innovation Co., Ltd.
Address	502, 5th Flr. BLDG 4, MinQi Technology Park, No. 65 Lishan Road, Taoyuan Street, Nanshan District, Shenzhen, China

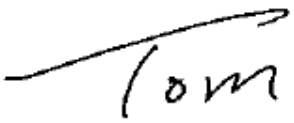
Manufacturer or Supplier	Shenzhen VanTop Technology & Innovation Co., Ltd.
Address	502, 5th Flr. BLDG 4, MinQi Technology Park, No. 65 Lishan Road, Taoyuan Street, Nanshan District, Shenzhen, China
Product	Projector
Brand Name	N/A
Model	LEISURE 3
Additional Model & Model Difference	LEISURE 3W, LEISURE 3 PLUS, LEISURE 3W PLUS ,LEISURE 3 PRO, PREMIUM LEISURE 3, LEISURE 450, LEISURE 450W, LEISURE 470, LEISURE 470W, LEISURE 480, LEISURE 480W, LEISURE 490, LEISURE 490W, C480,C480W, C490, C490W, See item 1 note
Date of tests	Sep. 03, 2019 ~ Oct. 08, 2019

☒ **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 Tom Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: Oct. 15, 2019

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM190903N031	Original release	Oct. 15, 2019

1. CERTIFICATION

FCC ID:	2AQ3ALEISURE3
PRODUCT:	Projector
BRAND NAME:	N/A
MODEL NO.:	LEISURE 3
ADDITIONAL NO.:	LEISURE 3W, LEISURE 3 PLUS, LEISURE 3W PLUS ,LEISURE 3 PRO, PREMIUM LEISURE 3, LEISURE 450, LEISURE 450W, LEISURE 470, LEISURE 470W, LEISURE 480, LEISURE 480W, LEISURE 490, LEISURE 490W, C480,C480W, C490, C490W
TEST SAMPLE:	Engineering Sample
APPLICANT:	Shenzhen VanTop Technology & Innovation Co., Ltd.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

NOTE:

1. Additional models (See above table) are identical with the test model LEISURE 3 except the color of the appearance, sizes and model name for trading purpose.

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/cm^2

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)	Antenna Type
Chain 0	2.0	Wire 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)
802.11b	2412-2462	15	+-2	13	17
802.11g	2412-2462	13	+-3	10	16
802.11n(HT20)	2412-2462	13	+-3	10	16
802.11n(HT40)	2422-2452	13	+-3	10	16

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
802.11b	2412	15.69
802.11g	2437	14.52
802.11n(HT20)	2462	14.33
802.11n(HT40)	2422	14.38

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	17	2	20	0.0158	1.0

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