



**BUREAU  
VERITAS**

Test Report No.: FM200407N038

# RF EXPOSURE REPORT

Applicant	Digital Gallery Global Limited
Address	Flat 20, 11/F, BLK A, Hoi Luen Industrial Centre, 55 Hoi Yuen Road, Kwun Tong, Kowloon, Hong Kong



Manufacturer or Supplier	Nosanky Electronic Technology Co. Ltd
Address	3/F, No. 12, Silianhuamao Industrial Zone, Henggang Street, Longgang District, Shenzhen, China
Product	Bluetooth Clock Radio
Brand Name	Westclox
Model	71042WM
Additional Models & Model Difference	71042, 71042CN, See item 3.1
Date of tests	Apr. 07, 2020 ~ May 18, 2020

**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 Breeze Jiang Senior Project Engineer / EMC Department	Approved by Glyn He Assistant Manager / EMC Department
	 Date: May 21, 2020

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM200407N038	Original release	May 21, 2020

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## 1. CERTIFICATION

<b>FCC ID:</b>	P5F71042WM
<b>PRODUCT:</b>	Bluetooth Clock Radio
<b>BRAND NAME:</b>	Westclox
<b>MODEL NO.:</b>	71042WM
<b>ADDITIONAL NO.:</b>	71042, 71042CN
<b>APPLICANT:</b>	Digital Gallery Global Limited
<b>STANDARDS:</b>	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

### NOTE

1. Additional models 71042, 71042CN are identical with the test model 71042WM except the color of the appearance 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 <sup>2</sup> )	AVERAGE TIME (minutes)
<b>LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE</b>				
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**.



## 5. ANTENNA GAIN

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

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	1	PCB Antenna

## 6. CALCULATION RESULT OF MAXIMUM CONDUCTED AV POWER

The tuned conducted Average Power (declared by client)

Mode	Frequency (MHz)	Target Power (dBm)	Tolerance (dBm)	Lower Tolerance (dBm)	Upper Tolerance (dBm)
GFSK	2402-2480	-6.0	+2	-8	-4
8DPSK	2402-2480	-8.0	+2	-10	-6

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2480	-5.09
8DPSK	2480	-7.22

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
2402-2480	-4	1	20	0.0001	1.0

--- END ---