RF EXPOSURE REPORT

Applicant	Clarion Co., Ltd.
Address	6F, No.40, Guanri Road, Software Park Stage II, Xiamen, China

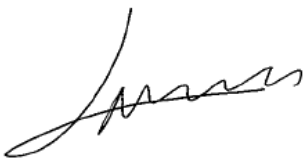
Manufacturer or Supplier	Clarion Co., Ltd.
Address	6F, No.40, Guanri Road, Software Park Stage II, Xiamen, China
Product	Face plate Radio
Brand Name	CLARION
Model	RU-9758
Additional Model & Model Difference	N/A
Date of tests	Apr. 12, 2018 ~ May 10, 2018

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D01**

☒ **IEEE C95.1**

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

Approved by Madison Luo Supervisor / EMC Department	Approved by Chris Chen Manager / EMC Department
	 Date: June 11, 2018

Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FM180412N036	Original release	June 11, 2018

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1. CERTIFICATION

FCC ID:	WY2RU9758
PRODUCT:	Face plate Radio
BRAND NAME:	CLARION
MODEL NO.:	RU-9758
ADDITIONAL NO.:	N/A
APPLICANT:	Xiamen Clarion Electrical Enterprise Co., Ltd.
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D01
	IEEE C95.1

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	0	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	+-3	3	9
8DPSK	2402-2480	2	+-3	-1	5
BT-LE(GFSK)	2402-2480	5	+-3	2	8

The measured conducted Average Power

Mode	Frequency (MHz)	Averaged Power (dBm)
GFSK	2480	7.34
8DPSK	2480	3.94
BT-LE (GFSK)	2480	6.68

FREQUENCY BAND (MHz)	MAX AVERAGE POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2402-2480	9	0	20	0.00158	1.0

--- END ---