RF EXPOSURE REPORT

Applicant	i-Rocks Technology Co., Ltd
Address	12F,No.190,Sec. 2, Chung Hsin Road, Hsin Tien City,Taipei County 23146,Taiwan, R.O.C

Manufacturer or Supplier	Jing Mold Electronics Technology(Shen Zhen) CO.,LTD
Address	Xinqiao, 3rd Industrial Estate, Shajing Baoan, Shenzhen, China
Product	Bluetooth Keyboard
Brand Name	i-rocks
Model	IRK01-BN
Additional Model & Model Difference	N/A
Date of tests	Aug. 14, 2015 ~ Aug. 27, 2015

☒ **FCC Part 2 (Section 2.1091)**

☒ **KDB 447498 D03**

☒ **IEEE C95.1**

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

Tested by Blue Zheng Project Engineer / EMC Department	Approved by Chris Chen Assistant Manager / EMC Department
	 Date: Aug. 27, 2015

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS150814N018	Original release	Aug. 27, 2015

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1. CERTIFICATION

FCC ID:	UJ9IRK01B
PRODUCT:	Bluetooth Keyboard
BRAND NAME:	i-rocks
MODEL NO.:	IRK01-BN
ADDITIONAL NO.:	N/A
TEST SAMPLE:	Engineering Sample
APPLICANT:	i-Rocks Technology Co., Ltd
TESTED DATE:	Aug. 27, 2015
STANDARDS:	FCC Part 2 (Section 2.1091)
	KDB 447498 D03
	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)	Total Gain (dBi)	Antenna Type
Chain 0	2	2	PCB Antenna

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	EIRP mW	LIMIT (mW)
2402-2480	0.458	2	5	0.726	9.6

Conclusion

Therefore device complies with FCC's SAR exemption limits

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