



BUREAU
VERITAS

Test Report No.: FS130618N020



RF EXPOSURE REPORT

Applicant	Acctron Company Limited
Address	Workshop 11, 6/F, Block C, Delya Industrial Centre No.7 Shek Pai Tau Road, Tuen Mew Territories, H.K.

Manufacturer or Supplier	GuangZhou PanYu Fantasia Creation Toys Co.,Ltd.
Address:	1-3F, Block 3, Standard Industrial Park, Tai Shi Industrial Park, Dongyong, Nansha Guangzhou
Product	VERTEX-LINK MINI
Brand Name	N/A
Model	AC00017
Additional Model & Model Difference	N/A
Date of tests	Jun. 18, 2013 ~ Jul. 30, 2013

- ☒ FCC Part 2 (Section 2.1091)
☒ FCC OET Bulletin 65, Supplement C (01-01)
☒ IEEE C95.1

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

Tested by Glyn He Supervisor / EMC Department	Approved by Sam Tung Manager / EMC Department
	 Date: Jul. 30, 2013

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Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

No. 34, Chenwulu Section, Guantai Rd., Houjie
Town, Dongguan City,
Guangdong 523942, China

Tel: +86 769 8593 5656
Fax: +86 769 8593 1080
Email: customerservice.dg@cn.bureauveritas.com



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS130618N020	Original release	Jul. 30, 2013

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Test Report No.: FS130618N020

1. CERTIFICATION

PRODUCT: VERTEX-LINK MINI

BRAND NAME: N/A

MODEL NO.: AC00017

TEST SAMPLE: Normal Sample

APPLICANT: Acctron Company Limited

TESTED DATE: Jul. 30, 2013

STANDARDS: FCC Part 2 (Section 2.1091)
FCC OET Bulletin 65, Supplement C (01-01)
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

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 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



6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm ²)	LIMIT (mW/cm ²)
2412-2462	79.43	2.0	20	0.025	1.00

Conclusion

Therefore device complies with FCC's RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)

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