RF EXPOSURE REPORT

Applicant	Chenzhou Hualu Digital Technology Co., Ltd
Address	Export-processing Zone, Bailutang Town, Suxian District, Chenzhou, Hunan, China

Manufacturer or Supplier	Chenzhou Hualu Digital Technology Co., Ltd
Address	Export-processing Zone, Bailutang Town, Suxian District, Chenzhou, Hunan, China
Product:	WiB
Brand Name:	hualu
Model:	WB100
Additional Model & Model Difference:	N/A
Date of tests:	Aug. 18～Nov. 06, 2012

the tests have been carried out according to the requirements of the following standards:

☒ **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

Reviewed by Glyn He Supervisor / EMC Department	Approved by Sam Tung Manager / EMC Department
	 Date: Nov. 06, 2012

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS120817N008	Original release	Nov. 06, 2012

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1. CERTIFICATION

PRODUCT: WiB

MODEL: WB100

APPLICANT: Chenzhou Hualu Digital Technology Co., Ltd

TESTED: Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

TEST SAMPLE: ENGINEERING SAMPLE

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

$Pd = (Pout*G) / (4*pi*r^2)$

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. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
802.11b Max 2437MHz	12.74	2.5	20	0.0066	1.00
802.11g Max 2437MHz	9.62	2.5	20	0.0032	1.00
802.11n 20MHz Max 2437MHz	9.72	2.5	20	0.0033	1.00
802.11n 40MHz Max 2422MHz	8.25	2.5	20	0.0024	1.00