

RF EXPOSURE REPORT

REPORT NO.: SA110111E05

MODEL NO.: ARG-0520

FCC ID: VYXWIFI-017

ACCORDING: FCC Guidelines for Human Exposure
IEEE C95.1

APPLICANT: Argtek Communication Inc.

ADDRESS: 8F-9, No. 4, Lane 609, Sec. 5, Chung Hsin Rd. San
Chung City, Taipei Hsien

ISSUED BY: Bureau Veritas Consumer Products Services (H.K.)
Ltd., Taoyuan Branch Hsin Chu Laboratory

LAB ADDRESS: No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen,
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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA110111E05	Original release	May 09, 2011

1.CERTIFICATION

PRODUCT: ARGTEK GM5 WLAN 802.11b/g/n USB adapter
BRAND NAME: ARGtek
MODEL NO.: ARG-0520
TEST SAMPLE: ENGINEERING SAMPLE
APPLICANT: Argtek Communication Inc.
STANDARD: IEEE C95.1

The above equipment (Model: ARG-0520) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and was in compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Carol Liao , **DATE:** May 09, 2011
(Carol Liao, Specialist)

APPROVED BY : May Chen , **DATE:** May 09, 2011
(May Chen, Deputy Manager)

1. 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

2. MPE CALCULATION FORMULA

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

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

3. 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**.

4. 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	109.6	7	20	0.109	1.00

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