RF EXPOSURE REPORT

REPORT NO.: SA130621D27

MODEL NO.: ENERGY POWER® BASE, SB 120

FCC ID: R48EPBSS

RECEIVED: Jun. 21, 2013

TESTED: Jul. 4 ~ 8, 2013

ISSUED: Jul. 16, 2013

APPLICANT: MEILOON INDUSTRIAL CO., LTD

ADDRESS: No. 77, Lane 1775, Chuen-Ryh Road, Taoyuan City, Taiwan

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

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA130621D27	Original release	Jul. 16, 2013

1. CERTIFICATION

PRODUCT:	Speaker
MODEL NO.:	ENERGY POWER® BASE, SB 120
BRAND NAME:	ENERGY, Klipsch
APPLICANT:	MEILOON INDUSTRIAL CO., LTD
TESTED:	Jul. 4 ~ 8, 2013
TEST SAMPLE:	ENGINEERING SAMPLE
STANDARDS:	FCC Part 2 (Section 2.1091) FCC OET Bulletin 65, Supplement C (01-01) IEEE C95.1

The above equipment has(model no.: SB 120) been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found 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 : Albee Chu , **DATE:** Jul. 16, 2013

(Albee Chu / Specialist)

APPROVED BY : Ken Liu , **DATE:** Jul. 16, 2013

(Ken Liu / Senior Manager)

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*r2)

where

Pd = power density in mW/cm2

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)
2.402 ~ 2.480	3.11	2.12	20	0.0007	1.00

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