RF EXPOSURE REPORT

REPORT NO.: SA130409D12

MODEL NO.: DDP-A020002 X

FCC ID: H79DDP-A020002A

RECEIVED: Apr. 9, 2013

TESTED: Jun. 24 ~ Jul. 8, 2013

ISSUED: Jul. 18, 2013

APPLICANT: DELTA ELECTRONICS, INC.

ADDRESS: 3, TUNG YUAN ROAD, CHUNGLI INDUSTRIAL ZONE TAOYUAN COUNTY, TAIWAN, R.O.C.

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
SA130409D12	Original release	Jul. 18, 2013

1. CERTIFICATION

PRODUCT:	DATA COLLECTOR
MODEL NO.:	DDP-A020002 X (X can be any alphanumeric character or blank)
APPLICANT:	DELTA ELECTRONICS, INC.
TESTED:	Jun. 24 ~ Jul. 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.: DDP-A020002 A) 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 : Annie Chang , **DATE:** Jul. 18, 2013

(Annie Chang / Supervisor)

APPROVED BY : Ken Liu , **DATE:** Jul. 18, 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)
2.412 ~ 2.462	18.72	2	20	0.0235	1.00

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