RF EXPOSURE REPORT

REPORT NO.:	SA120321C13A
MODEL NO.:	DG H300
FCC ID:	NM8DGH300
RECEIVED:	Mar. 21, 2012
TESTED:	Apr. 07 ~ Apr. 26, 2012
ISSUED:	May 18, 2012

APPLICANT:	HTC Corporation
ADDRESS:	No. 23, Xinghua Rd., 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)
TEST LOCATION:	No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA120321C13A	Original release	May 18, 2012

1. CERTIFICATION

PRODUCT:	Media Link HD
MODEL:	DG H300
BRAND:	HTC
APPLICANT:	HTC Corporation
TESTED:	Apr. 07 ~ Apr. 26, 2012
TEST SAMPLE:	Production Unit
STANDARDS:	**FCC Part 2 (Section 2.1091)**
	FCC OET Bulletin 65, Supplement C (01-01)
	IEEE C95.1

The above equipment have been evaluated 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 : Ivonne Wu / Senior Specialist , **DATE :** May 18, 2012

APPROVED BY : Gary Chang / Technical Manager , **DATE :** May 18, 2012

2. RF EXPOSURE

2.1 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

2.2 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

2.3 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**.

2.4 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MODULATION MODE	MAX CONDUCTED POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	802.11b	18.63	2	20	0.023	1
	802.11g	21.89	2	20	0.049	1
	802.11n (20MHz)	21.03	2	20	0.040	1
	802.11n (40MHz)	20.75	2	20	0.037	1
5180-5240	802.11a	13.42	1	20	0.006	1
	802.11n (20MHz)	13.23	1	20	0.005	1
	802.11n (40MHz)	12.16	1	20	0.004	1
5745-5825	802.11a	22.18	1	20	0.041	1
	802.11n (20MHz)	22.14	1	20	0.041	1
	802.11n (40MHz)	21.25	1	20	0.033	1