RF EXPOSURE REPORT

REPORT NO.:	SA140506E04
MODEL NO.:	DTA 251HD, DTA 271HD
FCC ID:	N89-DTA250HD
RECEIVED:	May 06, 2014
TESTED:	June 19, 2014
ISSUED:	July 09, 2014
APPLICANT:	CyberTAN Technology, Inc.
ADDRESS:	No.99, Park Avenue III, Science-based Industrial Park, Hsinchu, Taiwan 308,R.O.C.
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, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.

This report should not be used by the client to claim product certification, approval, or endorsement by any government agencies.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA140506E04	Original release	July 09, 2014

1. CERTIFICATION

PRODUCT:	Digital Transport Adapter
BRAND NAME:	Cisco
MODEL NO.:	DTA 251HD, DTA 271HD
TEST SAMPLE:	ENGINEERING SAMPLE
APPLICANT:	CyberTAN Technology, Inc.
TESTED DATE:	June 19, 2014
STANDARDS:	FCC Part 2 (Section 2.1091)
	FCC OET Bulletin 65, Supplement C (01-01)
	IEEE C95.1

The above equipment (Model: DTA 271HD) has 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 : _____ , **DATE:** *July 09, 2014*
(Lori Chung, Specialist)

APPROVED BY : _____ , **DATE:** *July 09, 2014*
(May Chen, 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

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

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. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Ant. No.	Antenna Type	Antenna Gain (dBi)	Diversity Function	Connector type	Frequency range (MHz to MHz)
1	PIFA	3	Y	NA	2412~2483.5
2	PIFA	3	Y	NA	2412~2483.5

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	CONDUCTED POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2425 - 2475	1.791	3	20	0.00071	1.00

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