RF EXPOSURE REPORT

REPORT NO.:	SA121105E01
MODEL NO.:	WES610N V2
FCC ID:	Q87-WES610NV2
RECEIVED:	Nov. 05, 2012
TESTED:	Nov. 13 ~ Dec. 07, 2012
ISSUED:	Dec. 13, 2012

APPLICANT:	Cisco Consumer Products LLC
ADDRESS:	121 Theory Drive Irvine, CA 92617(USA)

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
SA121105E01	Original release	Dec. 13, 2012

1. CERTIFICATION

PRODUCT:	4-Port Dual-Band N Entertainment Bridge
MODEL NO.:	WES610N V2
BRAND:	Cisco
APPLICANT:	Cisco Consumer Products LLC
TESTED:	Nov. 13 ~ Dec. 07, 2012
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 (model: WES610N V2) 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 : Jemma Yang / Specialist , **DATE :** Dec. 13, 2012

APPROVED BY : Ken Liu / Manager , **DATE :** Dec. 13, 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

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

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

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)	MAX POWER (dBm)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412~2462	25.41	3.5	20	0.1548	1
5180~5240	14.96	5	20	0.0197	1
5260~5320	15.11	5	20	0.0204	1
5500~5700	15.37	5	20	0.0217	1
5745~5825	22.75	5	20	0.1185	1