RF EXPOSURE REPORT

REPORT NO.:	SA140422E17
MODEL NO.:	Live! Titanium-24
FCC ID:	2AB74T24W1
RECEIVED:	Apr. 22, 2014
TESTED:	Apr. 28 to May 09, 2014
ISSUED:	June 11, 2014
APPLICANT:	Genexis B.V.
ADDRESS:	Lodewijkstraat 1a 5652 AC Eindhoven, The Netherlands
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
SA140422E17	Original release	June 11, 2014

1. CERTIFICATION

PRODUCT:	Home Gateway
BRAND NAME:	GENEXIS
MODEL NO.:	Live! Titanium-24
TEST SAMPLE:	ENGINEERING SAMPLE
APPLICANT:	Genexis B.V.
TESTED DATE:	Apr. 28 to May 09, 2014
STANDARDS:	FCC Part 2 (Section 2.1091)
	FCC OET Bulletin 65, Supplement C (01-01)
	IEEE C95.1

The above equipment (Model: Live! Titanium-24) 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:** *June 11, 2014*
(Elsie Hsu, Specialist)

APPROVED BY : _____ , **DATE:** *June 11, 2014*
(Ken Lu, 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 antenna provided to the EUT, please refer to the following table:

Transmitter Circuit	Brand	Model	Gain (dBi) Include cable loss	Antenna Type	Connecter Type (External only)	Frequency range (MHz to MHz)	Cable Loss(dB)	Cable Length
Chain (0)	FOXCONN	FX01I16-AH-EF	2.45	PCB	IPEX	2400~2500	3.08dB/m	6cm
Chain (1)	FOXCONN	FX01I17-AH-EF	2.79	PCB	IPEX	2400 - 2500	3.08dB/m	9cm

6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm^2)	LIMIT (mW/cm^2)
2412-2462	880.600	5.63	20	0.64048	1

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