RF Exposure Report

Report No.:	SA170413C10A
FCC ID:	XVG50-0110-R4-00
Test Model:	Kamai 750E
Series Model:	Kamai 7XYEzzzzzzzz (X,Y, can be 0~9; zzzzzzzz can be combination of A~Z, a~z, 0~9, “-“, “/“, ”blank” for marketing purpose)
Received Date:	Apr. 10, 2017
Test Date:	May 26 ~ Jun. 03, 2017
Issued Date:	Oct. 02, 2017
Applicant:	Amino Communications Ltd
Address:	Buckingway Business Park, Anderson Road, Swavesey, Cambridge CB24 4UQ, United Kingdom
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)

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Release Control Record

Issue No.	Description	Date Issued
SA170413C10A	Original release	Oct. 02, 2017

1 Certificate of Conformity

Product:	HD IPTV receiver
Brand:	amino
Test Model:	Kamai 750E
Series Model:	Kamai 7XYEzzzzzzzz (X,Y, can be 0~9; zzzzzzzz can be combination of A~Z, a~z, 0~9, “-”, “/”, ”blank” for marketing purpose)
Sample Status:	Engineering sample
Applicant:	Amino Communications Ltd
Test Date:	May 26 ~ Jun. 03, 2017
Standards:	FCC Part 2 (Section 2.1091) KDB 447498 D01 (October 23, 2015) IEEE C95.1

The above equipment 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:** Oct. 02, 2017

Pettie Chen / Senior Specialist

Approved by :  , **Date:** Oct. 02, 2017

Ken Liu / Senior Manager

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**.

3 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)
2405 ~ 2480MHz	1.12	1.6	20	0.00037	1

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