FCC RF Exposure Report

FCC ID	:	**XVG50-0102-QT-BL**
Equipment	:	**HD IPTV receiver**
Model No.	:	**Kamai751Q, Amulet 756Q** **(Refer to item 1.1.1 for more details)**
Multiple Listing	:	**Kamai 7XYQzzzzzz** **(where "X" can be 0-9, "Y" can be 0-9; "zzzzzz" can be any combination of "0-9" , "a-z","-", "/" or blank for marketing purpose)** **Amulet 7XYQzzzzzz** **(where "X" can be 0-9, "Y" can be 0-9; "zzzzzz" can be any combination of "0-9" , "a-z","-", "/" or blank for marketing purpose)**
Brand Name	:	**Amino**
Applicant	:	**Amino Communications Ltd**
Address	:	**Buckingway Business Park, Anderson Road, Swavesey, Cambridge CB24 4UQ, United Kingdom**
Standard	:	**47 CFR FCC Part 2.1091**
Received Date	:	**Jun. 13, 2017**
Tested Date	:	**Jul. 07 ~ Sep. 26, 2017**

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by: **Approved by:**

Along Chen / Assistant Manager **Gary Chang / Manager**

Testing Laboratory 2732

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Release Record

Report No.	Version	Description	Issued Date
FA761304-01	Rev. 01	Initial issue	Oct. 05, 2017

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Model Name	Multiple Listing	Product Name	Description
Kamai751Q	Kamai 7XYQzzzzzz (where “X” can be 0-9, “Y” can be 0-9; “zzzzzz” can be any combination of “0-9” , “a-z”,”-“, “/” or blank for marketing purpose)	HD IPTV receiver	Without HDD
Amulet 756Q	Amulet 7XYQzzzzzz (where “X” can be 0-9, “Y” can be 0-9; “zzzzzz” can be any combination of “0-9” , “a-z”,”-“, “/” or blank for marketing purpose)		With HDD

2 MPE EVALUATION OF MOBILE DEVICES

Human exposure to RF emissions from mobile devices (47 CFR §2.1091) may be evaluated based on the MPE limits adopted by the FCC for electric and magnetic field strength and/or power density, as appropriate, since exposures are assumed to occur at distances of 20 cm or more from persons.

2.1 LIMITS FOR GENERAL POPULATION/UNCONTROLLED EXPOSURE

Frequency Range (MHz)	Power Density (mW /cm^2)	Averaging Time (minutes)
300~1500	F/1500	30
1500~100000	1.0	30

2.2 MPE EVALUATION FORMULA

$$\mathbf{Pd} = \frac{Pt}{4 * Pi * R^2}$$

Where

Pd= Power density in mW/cm^2
Pt= EIRP in mW
Pi= 3.1416
R= Measurement distance

2.3 MPE EVALUATION RESULTS

Non-beamforming mode

Frequency Range (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
For WLAN					
5180~5240	23.63	3.29	20	0.098	1
5260~5320	23.50	3.29	20	0.095	1
5500~5700	23.40	3.29	20	0.093	1
5745~5825	25.55	3.29	20	0.152	1
For BT					
2402~2480 LE	3.51	1.8	20	0.001	1

Beamforming mode

Frequency Range (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
For WLAN					
5180~5240	23.37	6.30	20	0.184	1
5260~5320	23.36	6.30	20	0.184	1
5500~5700	23.55	6.30	20	0.192	1
5745~5825	25.25	6.30	20	0.284	1

Note: Directional gain = 3.29 dBi+10log(4/2) =6.30 dBi

3 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website http://www.icertifi.com.tw.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.	No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666
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