

**ACKme Networks Inc  
2 North Santa Cruz Ave Suite 207 Los Gatos California  
United States 95030**

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**Applicant's declaration concerning RF Radiation Exposure**

We hereby indicate that the product  
Product description: Wallaby  
Model No: AMW004

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

A safety statement concerning minimum separation distances from enclosure of the  
Product : Wallaby  
will be integrated in the user's manual to provide end-users with transmitter operating  
conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: W6M21401-13800-C-1  
and the accompanying calculations.

Company: ACKme Networks Inc  
Address: 2 North Santa Cruz Ave Suite 207 Los Gatos California United States 95030

Date: 29. Jan. 2014

Signature





# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21401-13800-C-1

FCC ID: 2ABPY-61F8

## **3.2 Equivalent isotropic radiated power**

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain (Directional gain)

EIRP = 23.58 dBm + 3.18 dBi

= 26.76 dBm

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

## **3.3 RF Exposure Compliance Requirements**

FCC OET Bulletin 65 Edition 97.01 determines the equations for predicting RF fields and applicable limits.

The prediction for power density in the far-field but will over-predict power density in the near field, where it could be used for walking a “worst case” or conservative prediction.

$$S = \frac{P G}{4 \pi R^2}$$

S – Power Density

P – Output power ERP

R – Distance

D – Cable Loss

AG – Antenna Gain

Item	Unit	Value	Remarks
P	mW	228.034	Peak value
D	dB		
AG	dBi	3.18	
G		2.08	Calculated Value
R	cm	20	Assumed value
S	mW/cm <sup>2</sup>	0.09436	Calculated value

Limits:

Limit for General Population / Uncontrolled Exposure	
Frequency (MHz)	Power Density (mW/cm <sup>2</sup> )
1500 – 100.000	1.0