

TUV Rheinland of North America, Inc.  
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 USA

To whom it may concern,

On behalf of our customer, we hereby declare the following device:

FCC ID	2AK2AICS1WLAN
IC	22375-ICS1WLAN
Brand	Brusa
HVIN, Model	ICS1-WLAN-ATWILC-MU-D
Description	WLAN card

The EUT is a WLAN module. The EUT is considered as 'Mobile' use.  
 The EUT has a maximum rated output power in WLAN mode 802.11g 54Mbps of 268.53 mW (equals 22.29 dBm + 2 dBi) in the frequency range of 2402 – 2480 MHz which means that the worst case prediction of power density (100% reflection) at 20 cm distance (worst case) can be calculated as follows :

$$S = \frac{EIRP}{4 \cdot \pi \cdot R^2} \text{ (power density without reflection)}$$

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} \text{ (power density with 100% reflection)}$$

$$S = \frac{2^2 \cdot EIRP}{4 \cdot \pi \cdot R^2} = \frac{EIRP \text{ (mW)}}{\pi \cdot (20\text{cm})^2} = \frac{268.53}{\pi \cdot (20)^2} = 0.214 \text{ mW/cm}^2$$

(limit = 10 W/m<sup>2</sup> is 1.0 mW/cm<sup>2</sup>)

This means that the equipment is in compliance with 47 C.F.R. §1.1310 and §2.1091.  
 The module may be collocated with other transmitters, prohibited those other transmitters do not operate in the same frequency range.

Best regards,  
 TÜV Rheinland Nederland B.V.



R .van der Meer, Test Engineer