Certificate Holder

Brady Corporation Asia Pacific Pte Ltd

Address

1 Kaki Bukit Crescent, Singapore 416236

General Declaration for EN 300 328 V1.7.1 (2006-10)

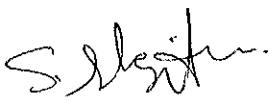
To address the essential requirements as defined in clause 4.3.5 of EN 300 328 V1.7.1 (2006-10)
We, **Brady Corporation Asia Pacific Pte Ltd**
hereby declare our product
Brady Network Card, BNCBTWIFI and **BNCBT**
is in full compliant with the requirement below:

Clause 4.3.5.2: Requirement: A medium access protocol shall be implemented by the equipment

Contact us in case of any questions.

Kind regards,

Insert Signature



Name: Sivalingam Sundaram

Tel: +6564774972
Fax: +65 6383 2229
Email: siva_sundaram@bradycorp.com

Insert Company Letterhead

Brady Corporation Asia Pacific Pte Ltd
1 Kaki Bukit Crescent
Singapore 416236
Tel : (65) 6477 7261
Fax: (65) 6383 2229

BRADY WHEN PERFORMANCE MATTERS MOST™

Declaration of Authorization

We
Name: **Brady Corporation Asia Pacific Pte Ltd**
Address: **1 Kaki Bukit Crescent,**
City: **Singapore 416236**
Country: **Singapore**

Declare that:

Name Representative of agent: Ms Mcgull Yeong [1]
Agent Company name: SPADE Consultancy Pte Ltd
Address: 22A Ang Siang Road, Singapore 069702

is authorized to apply for Certification of the following product(s):

Product description: Brady Network Card
Type designation: BNCBTWIFI and BNCBT
Trademark: Brady

on our behalf.

Date: 8/06/2011

City: Singapore

Name: Sivalingam Sundaram [2]

Function: R&D ENGINEERING MANAGER

Signature: S. Sivalingam

European RF Exposure Declaration

In case no RF exposure evaluation or SAR testing was performed, this form should be submitted.
To: The Notified Body

We, **(company name): Brady Corporation Pte Ltd**

Address: 1 Kaki Bukit Crescent, Singapore 416236

declare that our **brand(s)**: **Brady Network Card**

Type designation(s) (model(s)): BNCBT

submitted by means of this application, is in compliance with the RF exposure requirements as mandated by the laws of the European Union laid down in directive 99/5/EC and corresponding permissible exposure limits laid down in council recommendation 1999/519/EC.

The average equivalent isotropic radiated power is the average conducted output power of the transmitter, incorporating the maximum antenna gain and duty cycle. For this device, the following values were obtained[1]:

P(conducted, mW) =	**1.588**	**mW**	**Duty cycle(δ , %) =**	**100**	**%**
P(average, conducted, mW) =	**P(conducted, mW) * Duty cycle(δ , %)/100 =**			**1.588**	**mW**
P(average, conducted, dBm) =	**2.01**	**dBm**	**G(max, dBi) =**	**0.50**	**dBi**
P(average, eirp, dBm) =	**P(average, conducted, dBm) + G(max, dBi) =**			**2.51**	**dBm**
P(average, eirp, mW) =	**1.78**	**mW**	(calculation of dBm = 10 * log [mW])		

Please select one of the two boxes and complete the empty lines:

☒ 1. According to the above calculation, the P(average, eirp, mW) is less than 20mW and therefore the product is deemed to comply with EN50371.

☐ 2. This device is a NOT a portable device, but a mobile device, applying a **far field** RF exposure calculation as considered applicable for base station(s) according to:

☐ EN50385/EN50383, **or** for equipment according to ☐ EN 62311.

The maximum permissible exposure (MPE) is calculated by Friis' formula **P(average, eirp, mW)*(4π *d^2)$^{-1}$** (power density). At user distance **d =** .. **cm**, the power density is .. **mW/cm^2**.
The **limit specified** for the general public/occupational workers ***(← please strikethrough what is not applicable)***
at frequency **f=** .. **MHz** is **mW/cm^2**. Hence, this device is emitting under the specified limit and therefore in compliance with the RF exposure requirements.

Name and surname of applicant (or authorized representative): Sivalingam Sundaram.
Date: 08/06/2011
Phone / Fax: 64774922 / 67482106
E-mail: Siva_Sundaram@bradycorp.com
Signature: S. Sundaram

[1] if more than one simultaneous transmit signal, calculate the collective power on a separate form.

European RF Exposure Declaration

In case no RF exposure evaluation or SAR testing was performed, this form should be submitted.
To: The Notified Body

We, **(company name): Brady Corporation Pte Ltd**

Address: 1 Kaki Bukit Crescent, Singapore 416236

declare that our **brand(s): Brady Network Card**

Type designation(s) (model(s)): BNCBTWIFI

submitted by means of this application, is in compliance with the RF exposure requirements as mandated by the laws of the European Union laid down in directive 99/5/EC and corresponding permissible exposure limits laid down in council recommendation 1999/519/EC.

The average equivalent isotropic radiated power is the average conducted output power of the transmitter, incorporating the maximum antenna gain and duty cycle. For this device, the following values were obtained[1]:

P(conducted, mW) =	**20.60**	**mW**	**Duty cycle(δ , %) =**	**100**	**%**
P(average, conducted, mW) =	**P(conducted, mW) * Duty cycle(δ , %)/100 =**			**20.60**	**mW**
P(average, conducted, dBm) =	**13.14**	**dBm**	**G(max, dBi) =**	**0.50**	**dBi**
P(average, eirp, dBm) =	**P(average, conducted, dBm) + G(max, dBi) =**			**13.64**	**dBm**
P(average, eirp, mW) =	**23.12**	**mW**	(calculation of dBm = 10 * log [mW])		

Please select one of the two boxes and complete the empty lines:

☐ 1. According to the above calculation, the P(average, eirp, mW) is less than 20mW and therefore the product is deemed to comply with EN50371.

☒ 2. This device is a NOT a portable device, but a mobile device, applying a **far field** RF exposure calculation as considered applicable for base station(s) according to:

☐ EN50385/EN50383, **or** for equipment according to ☒ EN 62311.

The maximum permissible exposure (MPE) is calculated by Friis' formula **P(average, eirp, mW)*(4π *d²)⁻¹** (power density). At user distance **d =** 20 **cm**, the power density is 0.0046 **mW/cm²**.
The **limit specified** for the general public/~~occupational workers~~ ***(← please strikethrough what is not applicable)***
at frequency **f=** 2412 **MHz** is 1 **mW/cm²**. Hence, this device is emitting under the specified limit and therefore in compliance with the RF exposure requirements.

Name and surname of applicant (or authorized representative): SIVALINGAM SUNDARAM.
Date: 08/06/2011
Phone / Fax: (+) 6774 4928 / 6748 2106
E-mail: SIVA-SUNDARAM@bradycorp.com
Signature: S. Sundaram.

[1] if more than one simultaneous transmit signal, calculate the collective power on a separate form.

BRADY WHEN PERFORMANCE MATTERS MOST™

CE Declaration of Conformity

For the following equipment:

Brady Network Card
(Product Name)

BNCBT
(Model Designation)

is herewith confirmed to comply with the requirements set out in the Council (European parliament) Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility of Radio and Telecom device (1999/5/EC). For the evaluation regarding this Directive, the following standards were applied:

EN 60950-1: 2006
EN 300 328 V1.7.1: (2006-10)
EN 301 489-1 V1.8.1: (2008-04)
EN 301 489-17 V2.1.1 (2009-05)
EN 50371 2002

The following importer/manufacturer is responsible for this declaration:

Brady Corporation Asia Pacific Pte Ltd
(Company Name, Importer/Manufacturer)

1 Kaki Bukit Crescent, Singapore 416236
(Company Address Importer/Manufacturer)

Sivalingam Sundaram
(Name, Surname, Importer/ Manufacturer)

R&D Engineering Manager.
(Position/Title)

S. Sivalingam
(Legal Signature)

Singapore.
(Place)

08/06/2011
(Date)

BRADY WHEN PERFORMANCE MATTERS MOST™

CE Declaration of Conformity

For the following equipment:

Brady Network Card
(Product Name)

BNCBTWIFI
(Model Designation)

is herewith confirmed to comply with the requirements set out in the Council (European parliament) Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility of Radio and Telecom device (1999/5/EC). For the evaluation regarding this Directive, the following standards were applied:

EN 60950-1: 2006
EN 300 328 V1.7.1: (2006-10)
EN 301 489-1 V1.8.1: (2008-04)
EN 301 489-17 V2.1.1 (2009-05)
EN 62311 2008

The following importer/manufacturer is responsible for this declaration:

Brady Corporation Asia Pacific Pte Ltd
(Company Name, Importer/Manufacturer)

1 Kaki Bukit Crescent, Singapore 416236
(Company Address Importer/Manufacturer)

Sivalingam Sundaram
(Name, Surname, Importer/ Manufacturer)

R&D ENGINEERING MANAGER.
(Position/Title)

S. Sivalingam
(Legal Signature)

Singapore (Place)

08/06/2011. (Date)