

Mike Kuo

From: Claire Hoque
Sent: February 23 日 2004 年 Monday 3:34 PM
To: Mike Kuo
Cc: Kathy Yao
Subject: FW: Hewlett Packard Company, FCC ID:B94RSVLD0303, AN04T3623

Hi Mike,

Broadcom has revised the manual again, references to notebook are removed.
This device is to be approved for mobile use only.
Hope there is no further questions.
Thanks,

Claire

-----Original Message-----

From: Anne Liang [mailto:aliang@broadcom.com]
Sent: Monday, February 23, 2004 3:26 PM
To: Claire Hoque; David Boldy
Cc: Kathy Yao
Subject: RE: Hewlett Packard Company, FCC ID:B94RSVLD0303, AN04T3623

Hi Claire,

Please forward attached manual to Mike. As discussed with Mike, references to notebook are removed. This device is to be approved for mobile use only.

If you need anything else, please let us know.

Thanks,

Anne

> -----Original Message-----

> From: Mike Kuo
> Sent: Friday, February 13, 2004 5:09 PM
> To: Claire Hoque
> Cc: Steve Cheng; Kathy Yao; Nancy Omron; Michael Heckrotte
> Subject: RE: Hewlett Packard Company, FCC ID:B94RSVLD0303, AN04T3623

>

> Hi Claire :

>

> Your reply to question #2 is not acceptable. The antenna used by this
> 802.11g module is tested with PCB type antenna which is directly mounted
> on the transmitter module. When this device is used in notebook computer,
> the 20 cm separation distance will not be able maintained by the end user.
> I am questioning the possible location that this module will be installed
> in the notebook computer. Due the type of antenna included in this
> application, full modular approval will not be granted. This device will
> only be reviewed as limited modular approval in specific type of device (
> for example : printer, access point) where the 20 cm separation distance
> can be maintained with PCB type of antenna.

>

> Based upon above understanding, the revised user manual submitted does not
> address question #2. You may only include technical information about the
> 802.11g WLAN and the regulatory compliance statement (including RF
> exposure statement) that should be included in the final system.

>

> Best Regards

>

> Mike Kuo

>

> -----Original Message-----

> From: Claire Hoque

3/1/2004

> Sent: Tuesday, February 10, 2004 3:34 PM
> To: Mike Kuo
> Cc: Steve Cheng; Kathy Yao; Nancy Omron; Michael Heckrotte
> Subject: RE: Hewlett Packard Company, FCC ID:B94RSVLD0303, AN04T3623
>
> Hi Mike,
>
> Here are the answers.
>
> Question #1: The proposed FCC ID label format does not agree with the
> statement made in the request for modular approval letter. Please provide
> FCC ID label format to show the label on the module and the label will be
> used on outside of printer.
> <Claire>pls see the revised FCC ID label format.
> << File: FCC ID LABEL(revised).pdf >>
> Question #2: The user manual submitted is a generic manual for 802.11g
> module and it is not for printer use. Please provide user manual for this
> 802.11g WLAN USB printer module.
> <Broadcom>
> This application is for full modular approval. The module can be used in
> notebooks as well as printers. The following statement was added in the
> manual:
>
> "NOTE-This equipment complies with FCC RF radiation exposure limits set
> forth for an uncontrolled environment. To avoid the possibility of
> exceeding the FCC radio frequency exposure limits, when installed in end
> applications, a distance of at least 20cm from users must be ensured.
> This device must be installed by authorized personnel's or service
> centers. "
>
> This device and its antenna must not be co-located or operating in
> conjunction with any other antenna or transmitter.
> << File: User Guide Revised.pdf >>
> Question #3: In the submitted document, there is no installation
> instruction to the OEM and installer. Will this device only be installed
> in the HP printer by HP authorized OEM installer ? Will this module be
> offered for sale to allow end user installation ? If this module will be
> sold to other than HP authorized OEM installer ?
> <HP>
> This radio will be installed at the factory only. It will not be sold as a
> trade product.
>
> Question #4: Based upon the theory of operation and user manual, the max.
> rated output power is 20dBm (100mW). However, the max. measured output
> power is 26.17dBm (414mW). Please explain the differences.
> <MH>the lower number is an average power and the higher number is a peak
> power.
>
> Question #5: Page 40 of user manual contains information to address
> regulatory requirement. As indicated in the user manual, the separation
> distance of 0.5 cm is mentioned. Such RF exposure statement does not
> agree with this filing for mobile device per section 2.1091 of fcc rules.
> In addition, there is no co-located restriction mentioned in the user
> manual. Please provide revised user manual to comply this requirement.
> <Broadcom>pls refer to Q2 for revised user's manual.
>
> Thanks,
>
> Claire
>