



190 Mathilda Place, Sunnyvale, CA 94086.

Tel: 408 543 3300, Fax 408 543 3399

Date: November 21, 2003

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

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: QDS-BRCM1007  
Applicant: Broadcom Corporation

Dear Examiner,

This is to request a Class II permissive change for FCC ID: QDS-BRCM1007.

The major change filed under this application is:

- Change #1 802.11g PA is changed to SiGe ;
- Change #2 BCM4309 Changed to C0 version;
- Change #3 PCB layout changes;
- Change #4 Power regulator changes to a different vendor, same spec;
- Change #5 Remove 11a Transmit Band Pass filter

Spurious emissions were performed with the worst case antenna platforms, i.e. PP05X with Hitachi antenna for 5GHz, and PP10L with Phycomp antenna for 2.4GHz.

Based upon the worst case configurations from the original QDS-BRCM1007 filing, 5GHz SAR testing was performed with PP02X with WNC antenna; 2.4GHz SAR was performed with PPT with WNC antenna.

If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Dan Lawless', is written above a horizontal line.

Daniel Lawless, Manager of Compliance Engineering.  
Broadcom Corporation



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**We**

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**Hereby declare under our sole responsibility, that the product**

Product Name: BROADCOM 802.11abg Wireless LAN Mini PCI Card  
Model #'s: BCM94309MP

to which this declaration relates, has two variants of base-band controller IC, referred to as P20 (B0) and P30 (C0). These IC versions are functionally identical and have the same package and pin layout. The only hardware difference between these two IC's is that the amount of silicon utilized in the IC package has been reduced by a factor of 4 in the later P30 version.

26<sup>th</sup> Nov 2003

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Daniel Lawless, Manager of Compliance Engineering.  
Broadcom Corporation