

Statement

The Broadcom 54gMiniPCI card Model: BCM94306MP is a wireless LAN card in the 2.4 GHz frequency range using 54 Mega bits per sec. data rate and OFDM modulation technique. The card could also act as 802.11 b product using DSSS modulation technique if the data rate is less than or equal to 11 Mbps. All parameters were checked at different data rates. The test report reflects the worst case of data rate and modulation technique.

This application is for use in HP laptops of the Tornado and Topaz Series. The Antenna gain for Tornado series is -0.65dBi and for Topaz series is $+1.67\text{dBi}$. The TOPAZ series has the antenna at the top of the display and guarantees a distance of at least 20 cm by construction and the RF exposure values are calculated as MPE.

The miniPCI card used in these models has already been approved under FCC ID: QDS-BRCM1005.

The antennas and the antenna position for each series is identical. The series itself is physically identical and has no difference regarding spurious emissions and SAR parameters.

SAR tests were done on following Laptop Series:

HP Laptop of Tornado series	Model: CRVSA-02T1-75
HP Laptop of Tornado series	Model: CRVSA-02T1-90

MPE Calculation sheet is provided for following Laptop Series:

HP Laptop of Topaz series	Model: PP2160
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EMC tests were done on following Laptop Series:

HP Laptop of Tornado series	Model: CRVSA-02T1-75
HP Laptop of Tornado series	Model: CRVSA-02T1-90
HP Laptop of Topaz series	Model: PP2160



Lothar Schmidt
Technical Manager

CETECOM Inc.
411 Dixon Landing Road
Milpitas, CA 95035
U.S.A.
Phone: + 1 408 586 6200
Fax: + 1 408 586 6299
e-mail: info@cetecomusa.com
URL: www.cetecom.com