

STATEMENT

This filing constitutes a formal submittal and request for Class-II permissive change pursuant to Subpart C of Part 15 of FCC rules (CFR 47) regarding changes to intentional radiators. A change is being proposed to following existing FCC grant:

Company Name: Broadcom Corporation

FCC ID: QDS-BRCM1005-D

WLAN mini PCI card (incorporating 2.4GHz radio) Model# BRCM94306MP in Dell Laptop Models PP05X, PP07L, PP02X, PP04S, PPT, PP10L.

CLASS-II PERMISSIVE CHANGES

Changes made to WLAN mini PCI card are detailed under attached document "**Manufacturer's Declaration**". New version of WLAN will be identifiable as model# BRCM94306MPSG. Both models MP & MPSG are technically identical, where SG version has reduced silicon size of base band chip.

ANTENNA DETAILS

- **EMC:** All radiated measurements were done on worst-case antenna platform, i.e. PP10L with 2.9dBi Phycomp Antenna
- **SAR:** Based upon the worst-case configurations from the original QDS-BRCM1005-D filing, SAR testing was performed on PPT with WNC antenna.

Dell Model (Internal Name)	Supplier	Max Peak gain 2.4GHz/dBi	Model number
1 - Dell PP05X (Bondi)	Wistron NeWeb	Main- 2.18 Aux- 2.26	CA5-Q
2 -Dell PP05X (Bondi)	Hitachi	Main- 1.2 Aux- .9	HFT01-DL01
3 -Dell PP07L (Abacus)	Phycomp	2.2	4313 334 01250 Left Antenna. 4313 334 02250 Right Antenna
4 - Dell PP07L (Abacus)	Wistron NeWeb	2.55	CAA-C
5 - Dell PP02X (Lindbergh)	Hitachi	1.1	Main Antenna HFT04-DL01-MAIN Aux Antenna HFT04-DL01-AUX
6 - Dell PP02X (Lindbergh)	Wistron NeWeb	2.39	CA9-C
7 - Dell PP04S (Blade)	Wistron NeWeb	1.22	CA0-S
8 - Dell PP04S (Blade)	Hitachi	1.7	HFT-06
9 -Dell PPT (Pebble)	Wistron NeWeb	2.59	CAB-A
10 - Dell PP10L (P2)	Phycomp	2.9	4313 351 012501 Main Antenna. 4313 351 032501 Aux Antenna
11 - Dell PP10L (P2)	Wistron NeWeb	1.51	EBB-Q

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SUMMARY OF TESTING

EMC/Radio Test Reports:

Test report no. EMC_577FCC15.247_2003

This test report covers all radiated testing done on WLAN in Dell Laptop Model# PP10L with 2.9dBi max. gain Phycomp Antenna.

SAR Test reports:

Test report no. SAR_577_2003_FCC_2450

This test report covers SAR testing done on WLAN in Dell Laptop Model# PPT with WNC antenna.



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