



Global Product Certification
EMC-EMF Safety Approvals

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To: Federal Communications Commission
and Industry Canada

Attention: Certification Manager **No. of pages:** 1

From: Chieu Huynh **Date:** 20th August 2012

EMC Ref: M120610

Subject: FCC&IC C2PC – FCC ID: PPD-AR5BHB116 (IC: 4104A-AR5BHB116).

Please receive FCC/IC C2PC applications for review.

Model: AR5BHB116

Notes: Atheros AR5BHB116 in Fujitsu STYLISTIC Q Series, Model: Q702

The Atheros AR5BHB116 WLAN module was originally certified by Atheros as a modular approval under FCC ID: PPD-AR5BHB116 and Canada ID: 4104A-AR5BHB116.

The intention of this application is to submit for a Class II permissive change for the AR5BHB116 Atheros WLAN module (802.11a/b/g/n 2x2), installed in Fujitsu STYLISTIC Q Series, Model: Q702. The Radio modules are installed in a controlled environment at the Fujitsu notebook production/assembly factory.

The other transmitter that may be installed in the Fujitsu STYLISTIC Q Series, Model: Q702 is Broadcom Bluetooth Module, Model: BCM92070MD_REF6. The Bluetooth module was originally certified by Broadcom as a modular approval under FCC ID: QDS-BRCM1043 and Canada ID: 4324A-BRCM1043. This Bluetooth pre-approved module, is not co-located as the WLAN and Bluetooth antennas are >5cms apart. The maximum power output of the Bluetooth module is 4dBm (2.5mW).

RF exposure and labelling will be addressed by Fujitsu according to FCC/IC multi-transmitter and modular procedures.

The antenna type (PIFA) used for original module approval is same as the one used in this host.

There are two variants of the Fujitsu STYLISTIC Q Series, Model: Q702 covered in this report. One that is equipped with the modular certified low power Bluetooth transmitter with built-in antenna and one variant that does not contain Bluetooth transmitter or Bluetooth antenna. SAR testing was conducted on the sample that is equipped with the Bluetooth transmitter and Bluetooth antenna.

This certification is for the Q702 model PC with Atheros AR5BHB116 WLAN module.

EMC Technologies Pty Ltd is acting as agent for Qualcomm Atheros during this product approval.

Regards

A handwritten signature in black ink, appearing to read "Chieu Huynh".

Chieu Huynh
Senior EMC Engineer
EMC Technologies Pty Ltd