



QUALCOMM Incorporated

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Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, Maryland 21046

August 20, 2009

Subject: Application for Part 15 WLAN Device

Qualcomm Incorporated herein submits the Application for Equipment Authorization (FCC Form 731) and Exhibits for Type Acceptance of a Cellular & PCS Transceiver, FCC ID: J9C-EA544D3.

Applicant: Qualcomm Incorporated
5775 Morehouse Drive
San Diego, CA 92121

Manufacturer: Initial product by Qualcomm Incorporated
5775 Morehouse Drive
San Diego, CA 92121

Second Party Volume Manufacturer TBD

The nSTREAM product, EA544D_3 is a WLAN PCI Express adapter card to function as an AP. This solution delivers WLAN connectivity for home networks, including laptops, TV, STBs and Residential Gateways using IEEE 802.11 and IEEE 802.3 protocols in a single package. The complete EA544_3 includes all hardware and software necessary for Ethernet adapter cards operating as an AP. This product operates in all channels designated for WLAN, including the ones designated for Radar. The product is capable of detecting the radar and will avoid the channels based on the rules if Radar is found to be present in the channel.

All necessary information is provided in the attached exhibits.

Please contact me at Tel: (408) 533-9506 or Email: kandala@qualcomm.com if there are any questions or additional information needed.

Sincerely,

Srinivas Kandala
Senior Staff Engineer/Manager
QUALCOMM Incorporated