



QUALCOMM Incorporated

5775 Morehouse Drive  
San Diego, CA 92121-1714

[www.qualcomm.com](http://www.qualcomm.com)

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

February 25, 2010

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-EA544D2.

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 N-Stream WCN1320 product, EA544D\_2 is a WLAN Ethernet adapter card that can be booted 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\_2 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](mailto:kandala@qualcomm.com) if there are any questions or additional information needed.

Sincerely,

Srinivas Kandala  
Engineer, Principal/Manager  
QUALCOMM Incorporated