



QUALCOMM Incorporated

1730 Pennsylvania Ave., NW ■ Suite 850 ■ Washington, DC 20006 ■ Tel: 202.263.0020

www.qualcomm.com

December 29, 2009

Ms. Marlene Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

**Re: Notice of Oral Ex Parte Presentation
Regarding GN Docket Nos. 09-51**

Dear Ms. Dortch:

On behalf of QUALCOMM Incorporated (“Qualcomm”), this is to report that Mahesh Makhijani, Sameer Lalwani and I had a conference call yesterday with Arnab Das of the Commission’s staff. During the call, we discussed Qualcomm’s filing of December 22nd, which provided the results of simulations of the spectral efficiency of wireless networks using various air interfaces, and we answered Mr. Das’ questions concerning the filing. We explained that the spectral efficiency of 3G air interfaces is roughly equivalent to one another. We discussed various techniques to maximize the capacity of wireless networks, including interference cancellation and the use of femtocells and advanced network topologies, and we reiterated the need for additional licensed spectrum for mobile broadband.

Respectfully submitted,

/s/ Dean R. Brenner

Dean R. Brenner
Vice President, Government Affairs

Cc: Arnab Das