



April 5, 2006

VIA ELECTRONIC FILING

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W.
Room TW-B204
Washington, DC 20554

**Re: Written Ex Parte Communication
WT Docket No. 00-258**

Dear Ms. Dortch:

T-Mobile USA, Inc. submits this additional information to support its contention that Sprint Nextel Corporation's analysis of the potential for interference from AWS operations to its existing BRS hub facilities is flawed. Sprint Nextel's proposals would result in all AWS license holders being responsible for the relocation of BRS 1/2/2A incumbents, and should be rejected based on our analysis.

T-Mobile agrees with the position of U.S. Cellular Corporation in this proceeding that early deployment of new AWS systems within line-of-sight of Sprint-Nextel BRS hub uplinks is feasible prior to relocation of these uplinks to replacement spectrum.¹ In support of this position, T-Mobile submits the attached engineering analysis from Gerald R. Armes, P.E., Consulting Engineer, Micronet Corporation.

Micronet's analysis demonstrates that the protections sought by Sprint Nextel are overly conservative. When strictly analyzing the interference rejection of BRS receivers, current UMTS equipment operating co-channel will require approximately 20 km of geographic separation, whereas with typical operation of second generation PCS transmitters, five emitters could be located as close as 2.2 kilometers.

¹ See U.S. Cellular Corporation, *Ex Parte* Presentation, ET Docket 00-258 (April 5, 2006).

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Please contact us should you have any questions.

Sincerely,

/s/ Kathleen O'Brien Ham
Kathleen O'Brien Ham
Managing Director, Federal Regulatory
Affairs
T-Mobile USA, Inc.

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