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July 2, 2010

Via Electronic Filing

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: *Ex Parte* Notice: *Residential Fixed Broadband Services Testing and Measurement Solution*, CG Docket No. 09-158, CC Docket No. 98-170, WC Docket No. 04-36

Dear Ms. Dortch:

On July 1, 2010, Jason Livingood, Richard Woundy, David Don, and the undersigned of Comcast Corporation met with Brian David, Kevin King and Rohit Dixit of the Office of Strategic Planning and Policy Analysis, Walter Johnston of the Office of Engineering and Technology, and Julie Saulnier and Colleen Heitkamp of the Consumer and Governmental Affairs Bureau to discuss the Commission's efforts to measure and publish data on the performance of fixed broadband services, in conjunction with SamKnows Limited ("SamKnows").¹ Mr. David and Mr. Woundy participated by telephone.

Comcast reiterated its commitment to working with the FCC to produce accurate broadband speed measurements. Comcast described its experience working with SamKnows and the methodology it has employed for speed testing in its own network. Comcast discussed various complex issues that arise in obtaining accurate speed measurements -- such as TCP window size limitations, the number of TCP connections, and latency -- and described potential methods for mitigating these kinds of issues. Comcast also emphasized the importance of accurate speed tier identification for participants in the tests that SamKnows will perform for the Commission.

¹ Public Notice, *Comment Sought on Residential Fixed Broadband Services Testing and Measurement Solution*, DA 10-670, rel. Apr. 20, 2010.

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Pursuant to the Commission's rules, this letter is being submitted for inclusion in the public record of the above-referenced proceedings.

Sincerely,

/s/Mary McManus

Mary McManus

Cc: Brian David
Rohit Dixit
Colleen Heitkamp
Walter Johnston
Kevin King
Julie Saulnier