UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

DISH Network L.L.C.
Petitioner

v.

TQ Delta LLC,
Patent Owner

U.S. Patent No. 8,611,404
Filing Date: May 6, 2013
Issue Date: December 17, 2013

Title: Multicarrier Transmission System with Low Power Sleep Mode and Rapid-On Capability

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PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,611,404

Inter Partes Review No. 2016-___

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List of Exhibits

Ex. No.	Description of Document
1001	U.S. Patent No. 8,611,404 to Greszczuk et al. ("the '404 patent")
1002	Declaration of Leo Hoarty ("Hoarty Decl.")
1003	File History for U.S. Patent No. 8,611,404
1004	U.S. Patent No. 5,956,323 to Bowie ("Bowie")
1005	European Patent Publication No. EP 0883269 to Vanzieleghem ("Vanzieleghem")
1006	ANSI T1.413-1995 – "Network and Customer Installation Interfaces – Asymmetric Digital Subscriber Line (ADSL) Metallic Interface" (Aug. 18, 1995) ("1995 ADSL Standard")
1007	American National Standards Institute, "Procedures for the Development and Coordination of American National Standards" (March 22, 1995)
1008	Library of Congress, Excerpts from "Network and Customer Installation Interfaces – Asymmetric Digital Subscriber Line (ADSL) Metallic Interface" (Stamped Feb. 2, 1996)
1009	Linda Hall Library, Excerpts from "Network and Customer Installation Interfaces – Asymmetric Digital Subscriber Line (ADSL) Metallic Interface" (Stamped Apr. 15, 1996)
1010	Zogakis and Cioffi, "The Effect of Timing Jitter on the Performance of a Discrete Multitone System" (Jul. 1996)
1011	U.S. Patent No. 6,144,695 to Helms et al.
1012	U.S. Patent No. 5,815,505 to Mills
1013	U.S. Patent No. 5,974,139 to McNamara et al.
1014	U.S. Patent No. 6,091,722 to Russell et al.
1015	U.S. Patent No. 6,134,274 to Sankaranarayanan et al.

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