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. 8,718,158 Filing Date: November 23, 2011 Issue Date: May 6, 2014

Inter Partes Review No. 2016-____

Title: System and Method for Scrambling the Phase of the Carriers in a Multicarrier Communications System

PETITIONER'S POWER OF ATTORNEY



Petitioner DISH Network, L.L.C. ("DISH" or "Petitioner") hereby appoints the following practitioners as Petitioner's attorneys to transact all business in the United States Patent & Trademark Office/Patent Trial and Appeal Board associated with the above-captioned *Inter Partes* Review:

LEAD COUNSEL

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The individual signing below has the authority to execute this document on behalf of Petitioner:

Petitioner DISH Network, L.L.C.

Date: 11/10/16

Name:

James E. Hanft Director + SR Corporate Counsel, I.P. Title:

CERTIFICATE OF SERVICE

I hereby certify, pursuant to 37 C.F.R. Sections 42.6 and 42.105, that a complete copy of the attached **PETITIONER'S POWER OF ATTORNEY**, are being served via Federal Express on the 11th day of November, 2016, the same day as the filing of the above-identified document in the United States Patent and Trademark Office/Patent Trial and Appeal Board, upon the Patent Owner by serving the correspondence address of record with the USPTO as follows:

Jason H. Vick Sabrina Stavish Sheridan Ross PC 1560 Broadway Suite 1200 Denver, CO 80202

and upon counsel of record for the Patent Owner in the litigation pending before the U.S. District Court for the District of Delaware entitled *TQ Delta LLC v. Dish Network Corporation, et al.*, Case No. 1:15-cv-000614 as follows:

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Dated: November 11, 2016

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