

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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DISH Network, L.L.C.,  
Petitioner

v.

TQ Delta LLC,  
Patent Owner

U.S. Patent No. 7,835,430  
Filing Date: June 3, 2009  
Issue Date: November 16, 2010

Inter Partes Review No. 2016-\_\_\_\_\_

Title: Multicarrier Modulation Messaging for Frequency Domain Received Idle  
Channel Noise Information

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**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:

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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.**

Signature:  Date: 11/10/16

Name: James E. Hanft

Title: Director + SR Corporate Counsel, I.P.

## **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 11<sup>th</sup> 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:

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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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