

Filed on behalf of TQ Delta LLC  
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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.

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Case IPR2017-00253  
Patent No. 8,238,412

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**TQ DELTA LLC's POWER OF ATTORNEY**

The undersigned hereby appoints the following attorneys and/or agents to prosecute the above captioned *Inter Partes* Review and to transact all business in the U.S. Patent and Trademark Office connected herewith:

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For: TQ Delta LLC



NAME: Mark Roche

TITLE: Managing Director

DATE: December 1, 2016

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing **Patent Owner's Power of Attorney** was served on December 2, 2016, via email to counsel for Petitioners at the following:

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