

Re: Request for Special Temporary Authority  
National Association of Broadcasters  
1771 N Street, NW  
Washington, DC 20036

Best Contact  
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The reason for this STA request is to authorize the operation of a prototype low power ATSC DTV multichannel repeater/booster in order to evaluate its impact on reception in various environments.

The purpose of the operation is to conduct a field testing program to quantify reception improvements as a result of adding a non-synchronized on-channel booster for ATSC DTV/Mobile DTV signals in a difficult reception scenario. The program will evaluate the performance improvements using a single, multi-channel, on-channel booster operating in or near a shopping mall. The project will quantify reception improvements, catalog any adverse reception impacts and capture and store RF signals at this location for additional analysis.

All operation will be coordinated with any potentially affected DTV stations in the area and operation will be terminated if an adverse impact is determined.