

DUPLICATE



# BEASLEY BROADCAST GROUP INC.

2018 FEB 21 PM 2:47

ACCEPTED/FILED

FEB 20 2018

February 20, 2018

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Federal Communications Commission  
Office of the Secretary

Re: Request for Extension of Experimental Authority  
KKLZ(FM), Las Vegas, NV  
FCC facility number: 40757

Dear Ms. Dortch:

This letter request for extension of experimental authority is respectfully submitted on behalf of Beasley Media Group, LLC (Beasley), license of FM broadcast station KKLZ, Las Vegas, NV (FCC facility number 40757), in support of an all-digital FM testing program proposed and supported by the National Association of Broadcasters (NAB) in cooperation with Beasley and KKLZ.

On January 3, 2018 the Commission granted a request from Beasley to conduct certain FM all-digital testing at KKLZ, Las Vegas, NV (file number 20171205ACJ, signatory Ms. Susan Crawford). The experimental authority was granted for a period of 90 days, commencing January 3, 2018 and concluding April 3, 2018. Such testing, consisting primarily of MP3 and MP5 hybrid and all-digital IBOC transmission modes as well as initial proof of concept tests of the Nautel FM multiplex system, was conducted during the weeks of January 21, 2018 and February 11, 2018. Multiple mobile test runs were conducted over various routes and a significant amount of data was collected. Although this data is still very much in the process of analysis, it is believed that valuable insight will be gained as to the robustness and relative coverage of hybrid versus all-digital transmission. A report summarizing the test results will be submitted to the Commission when complete and it is anticipated that the results of the testing will be reported in a formal paper to be presented at the 2018 NAB Broadcast Engineering Conference.

In an effort to demonstrate these transmission modes to the wider industry, NAB is proposing a demonstration, again utilizing the facilities of KKLZ, during the 2018 NAB Show employing similar transmission modes as the previous testing. Show attendees would be able to view spectral display(s) of the transmsisoin modes as well as listen to the actual audio as received at the Las Vegas Convention Center.

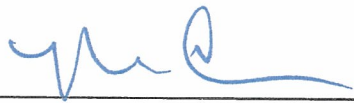
In order to facilitate such a demonstration, Beasley respectfully requests a 30 day extension of the experimental authority granted on January 3, 2018. The 2018 NAB show will be held from April 7-11,

dates obviously beyond the April 3, 2018 end date of the current experimental authority. It is believed that such an extension will allow a significant number of broadcasters to see and experience the new transmission modes and stimulate consideration of a possible FM all-digital future.

As with the previous testing, KKLZ will immediately cease such transmissions should any interference complaints be received.

All testing will be under the auspices of Mike Cooney, VP and CTO of the Beasley Media Group, LLC, David Layer, VP, Advanced Engineering with NAB, Milford Smith of Smith, Khanna and Guill, as test manager, and on-site representatives of Nautel. Ltd. and Xperi Corporation.

As noted, a 30-day extension of the current experimental authorization is respectfully requested commencing on April 3, 2018. The undersigned would be pleased to answer any questions or provide anything further than might be of assistance to the Commission in its consideration of this request.



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Mike Cooney, VP and CTO  
Beasley Media Group, LLC



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Date

Courtesy copies to : Ms. Susan Crawford, Audio Division, Media Bureau (via email)  
Mr. James Bradshaw, Audio Division, Media Bureau (via email)