

ORIGINAL

NEW YORK
PUBLIC
RADIO

160 VARICK STREET · NEW YORK NY 10013
646.829.4400
NYPUBLICRADIO.ORG

Accepted / Filed

JAN 30 2020

Federal Communications Commission
Office of the Secretary

January 27, 2020

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

WQXR, Newark, NJ
Facility ID Number 46978
Request for Experimental Authority

Dear Ms. Dortch:

New York Public Radio, licensee of FM broadcast station WQXR, Newark, NJ, hereby respectfully requests experimental authority to operate the station's main facility (BMLH-20091009AAI) with IBOC digital power levels above the currently permitted blanket authorization value of -14 dB relative to the analog carrier. It is anticipated that power levels as high as 4 dB above the current blanket authorization levels will be utilized in this proposed test program, which will be conducted in conjunction with the National Association of Broadcasters (NAB) and HD Radio system developer, Xperi Corporation.

The goal of this test program is to assess the actual level of interference which is experienced by 1st-adjacent channel stations in the presence of a -10 dBc adjacent channel. We only anticipate operating at the higher power level for brief periods of time and our data collection effort is planned to take place between the hours of midnight and 5AM. No changes will be made to the antenna system currently in use by the station. It is believed that the information collected will be valuable to the future of the U.S. IBOC digital radio service.

Such operation at other than authorized digital power levels will be immediately discontinued in the event of the receipt of any interference complaints from co- or adjacent channel stations that are not able to be satisfactorily resolved.

This request is being made in accordance with Section 73.1515 of the Commission's rules. A 180-day authorization is respectfully requested with a commencement date of

February 1, 2020 and an end date of July 30, 2020. A report of the results of these tests will be filed with the Commission within 60 days of the expiration of this authorization, in accordance with §73.1515.

I certify that the statements made in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. Questions as to the proposed operation may be addressed to the undersigned. Any questions as to the participation of Xperi Corporation should be referred to Mr. Ashruf El-Dinary, Senior VP, Radio Technology Solutions, (443) 538-1243. Any questions as to the participation of NAB should be referred to Mr. David Layer, VP, Advanced Engineering, (202) 429-5339.

Thank you for your consideration of this request.

Sincerely,



Steve Shultis, Chief Technology Officer
NY Public Radio
160 Varick St.
New York, NY 10013
Tel. (646) 829-4089

cc: A. El-Dinary, Xperi Corp.
D. Layer, NAB

WNYC: WNYC.ORG · 93.9 FM · AM 820

WQXR: 105.9 FM · WQXR.ORG

THE GREENE SPACE: THEGREENESPACE.ORG



100% post-consumer