

October 24, 2011



Via Electronic Filing

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

Re: MM Docket No. 99-325; Ex Parte Filing

Dear Ms. Dortch:

Pursuant to Section 1.1200, et seq., of the Commission's Rules, National Public Radio, Inc. ("NPR") hereby submits an NPR Labs technical study entitled "PAPR and Asymmetrical Sidebands Field Results: HD Radio™ Coverage Technologies."

NPR Labs was commissioned by Nautel Ltd. to provide an independent analysis of its HD PowerBoost™ technology, which improves transmitter efficiency of HD Radio transmission by reducing the peak-to-average power ratio of the hybrid FM+IBOC signal. HD PowerBoost also permits users to operate each sideband on an IBOC signal at different injection levels, also known as "asymmetrical transmission."

Laboratory tests of asymmetrical sideband transmission were conducted with induced multipath and mobile fading to measure the noise effects on FM reception, as well as the effect on receiver sensitivity for digital reception. Following the lab tests, on-air testing was performed in conjunction with WAMU(FM), Washington, DC, which correlated closely with the lab results and NPR Lab's IBOC coverage prediction model. The paper was a joint presentation with Nautel and WAMU at the NAB Engineering Conference in April, 2011.

Please direct any questions you may have to the undersigned at 202-513-2050.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregory Lewis".

Gregory A. Lewis
Deputy General Counsel

Attachment

cc: Peter Doyle, Chief, Audio Division