



Federal Communications Commission
Washington, D.C. 20554
August 5, 2021

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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Ryan M. Vandewiele, VP&GC
Washington DC FCC License Sub, LLC
3415 University Avenue, West
St. Paul, MN 55114 - 2099

Re: Washington DC FCC License Sub, LLC
(WDFL)
WWFD(AM), Frederick, MD
Facility ID Number 47104
Special Temporary Authority (STA)
BESTA-20210716AAF
Request for Experimental Authority

Dear Mr. Vandewiele:

This is in reference to the request filed on July 16, 2021. WDFL requests an additional one year extension of the experimental authorization STA originally granted on July 6, 2018, to continue day and night testing of the all-digital MA3 AM transmission technology, as defined in the inband/on-channel (IBOC) Digital Radio Broadcasting Standard (NRSC-5-D) developed by the National Radio Systems Committee (NRSC), using the licensed WWFD(AM) facilities specified in BL-19910827AC.¹

As previously noted in our July 6, 2018, experimental authorization: the digital power level will be equivalent to and not exceed the analog power level by more than 5% of the maximum power authorized; representatives of Xperi, Kintronic Laboratories, Cavell, Mertz & Associates, Inc. and senior station engineering personnel will maintain proper adjustment of the exciter and associated RF systems to assure optimum all-digital transmission and compliance with the Commission's Rules regarding occupied bandwidth and spurious emissions; purpose of the testing will involve demonstrations of representative equipment, methods and techniques, subjective coverage testing, and assessing the increasing potential for the general public to readily receive all digital AM transmissions with commercially-available receivers. Our previous review indicated

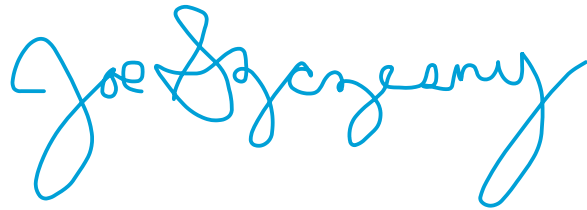
¹ National Radio Systems Committee NRSC-5-C In-band/on-channel Digital Radio Broadcasting Standard, September 2011; Doc. No. SY_SSS_1 082s rev. F, HD Radio AM Transmission System Specifications, iBiquity Digital Corporation, 8/24/11.

that the experimental operation met the requirements of 47 CFR Section 5.203 of the Commission's Rules, and WDFL did not mention any interference complaints over the past year, therefore we find that the public interest would be served through additional testing.

Accordingly, the request for extension of the experimental authority IS HEREBY GRANTED, and WDFL may continue to operate as described above, and this authority shall be terminated if complaints of interference are received (unless eliminated immediately by power reduction/other means). WDFL shall take whatever means are necessary to prevent excessive exposure of workers or the public to radio frequency radiation, pursuant to 47 CFR Section 1.1310 of the Commission's Rules, and within 60 days following completion of the experimental operation authorized herein, WDFL shall file a full report detailing the research, experimentation and results of the testing with the Commission, pursuant to 47 CFR Section 5.203(d) of the Commission's Rules.

This authority expires on **August 4, 2022**.

Sincerely,

A handwritten signature in blue ink, appearing to read "Joe Szczesny", with a stylized, cursive script.

Joseph Szczesny, Engineer
Audio Division
Media Bureau

cc: Kenneth E. Satten, Esq., WBK LLP (via email only)