



FEDERAL COMMUNICATIONS COMMISSION

Office of Engineering and Technology

45 L Street, NE

Washington, DC 20554

December 17, 2025

VIA EXPERIMENTAL LICENSING SYSTEM CORRESPONDENCE

WM2XHW
FalconION, Inc
303 Peachtree Center Ave. NE
Atlanta, GA 30303-1277

Re: Reminder of Obligations Under Experimental Licensing Rules

Licensee of WM2XHW:

The Office of Engineering and Technology (OET) of the Federal Communications Commission (Commission) authorizes radio station transmissions for the study of new uses for radio spectrum. OET encourages greater and more effective use of radio in the public interest⁷³ for the purposes of experimentation, product development, and market trials, in accordance with the Experimental Radio Service rules provided in part 5 of the Commission's rules.⁷⁴ OET has issued an experimental license under this authority to FalconION, Inc under call sign WM2XHW to operate with frequencies, power levels, and modulation types, spanning 2 to 30 MHz, over which many licensed, incumbent services also operate.

In response to interference complaints from incumbent users of this spectrum, this letter serves as a reminder that the Commission's Experimental Radio Service rules incorporate requirements, including, but not limited to:

- *Non-interference criterion* – operation of an experimental radio station is permitted only on the condition that harmful interference is not caused to any station operating in accordance with the Table of Frequency Allocation, and that operation shall immediately cease upon becoming aware of such harmful interference if interference to an established radio service occurs;⁷⁵
- *Station identification* – unless specifically exempted by the terms of the station authorization, an experimental radio station shall transmit its assigned call sign at the end of each complete transmission at least once every thirty minutes in clear voice or Morse code, with all digital encoding and digital modulation disabled during station identification;⁷⁶

⁷³ Communications Act of 1934, as amended, including 47 U.S.C. § 303(g).

⁷⁴ 47 CFR §§ 5.1-5.705.

⁷⁵ 47 CFR § 5.84.

⁷⁶ 47 CFR § 5.115(a).

- *Limitations on use* – stations may make only transmissions necessary and directly related to the licensee’s stated program of experimentation and the related station authorization, and as governed by the provisions of the rules. When transmitting, the licensee must use every precaution to ensure that it will not cause harmful interference to stations operating in accordance with the Table of Frequency Allocations;⁷⁷
- *Cancellation provisions* – authority to use the frequency or frequencies permitted by the license is granted upon an experimental basis only and does not confer any right to conduct an activity of a continuing nature, and is subject to change or cancellation by the Commission at any time without notice or hearing if in its discretion the need for such action arises;⁷⁸
- *Scope of experimental service* – the experimental radio service is limited in scope to only those operations specified in 47 CFR § 5.3;⁷⁹
- Nothing in this letter is intended to limit the full scope of the experimental radio service rules provided in part 5 of the Commission’s rules.⁸⁰

This letter serves as a reminder that the above requirements apply to the license issued to FalconION, Inc under call sign WM2XHW, as well as to any other license issued under the experimental radio service rules. Licensees are reminded of their obligation to transmit only within the technical requirements of their station authorization, to use every precaution to ensure that no harmful interference is caused to stations operating in accordance with the Table of Frequency Allocations, and to appropriately identify its station as described by the experimental radio service rules. I remind you that if an experimental radio service licensee becomes aware that its operations are causing harmful interference to an established radio service, the licensee has an immediate obligation to resolve the harmful interference up to and including ceasing transmissions.

To the extent that a waiver has been issued for station identification for WM2XHW, this letter will also serve as notice that such waiver is hereby revoked, and the conditions of experimental radio station WM2XHW will be modified to ensure station identification.

Failure to comply with any of the above will result in cancellation of station license WM2XHW.

Sincerely,



Andrew C. Hendrickson
Acting Chief
Office of Engineering and Technology

⁷⁷ 47 CFR § 5.111.

⁷⁸ 47 CFR § 5.83.

⁷⁹ 47 CFR § 5.3.

⁸⁰ 47 CFR §§ 5.1-5.705.