

**WYJH-LD APPLICATION FOR EXPERIMENTAL STA OPERATION UTILIZING CH 27 15 kW
ERP DA CP FACILITIES FCC FILE # 0000218027 FOR 5G BROADCAST TECHNOLOGY
DANBURY, CONNECTICUT ENGINEERING NARRATIVE AND RF RADIATION
ENVIRONMENTAL ANALYSIS JANUARY 27, 2024**

WYJH-LD is a licensed LPTV facility on CH 27 at White Lake, New York. On July 20, 2023 the station was granted a CP for full 15 kW ERP, as authorized in FCC file number 0000218027, for a site in Brookfield, Connecticut, just outside of Danbury, Connecticut. The permittee had anticipated that the CP facilities would be constructed, and a license application filed in 2023 but encountered unexpected site access delays.

This application has been prepared on behalf of Egot Media, LLC (“Egot”) in support of its application for experimental authority as described in the Narrative Statement submitted herein. The proposed 5G transmission system will be operated in full compliance with the station construction permit, and will be licensed, before Experimental operation commences. The following transmission system characteristics are being addressed:

ERP not to exceed the authorized CP value using the CP transmitter site.

Transmission to comply fully with the FCC full power emissions mask.

Spurious emissions to meet all Part 73 & 74 requirements and in no event cause impermissible interference.

Operation in full compliance with OET-65 Guidelines.

This application is believed to be compliant with the purpose of Part 5 – Experimental Radio Service requirements. Section 5.3 permitted operations include experiments in the broadcast services, technical radio research, technical demonstrations, and field strength surveys. All of these services are anticipated to be involved in the proposed experimental service. The applicant is an FCC licensee, and the WYJH-LD facility is currently authorized as specified in Section 5.51 and 5.53.

The applicant will comply with FCC rule section 5.84 by not causing harmful interference and will cease transmission or reduce power as necessary to remove interference.

Six PDF attachments have been uploaded in the application form which provide material for further understanding of 5G Broadcast Technology and the wide scope of benefits that are possible.

Based on the information supplied herein and accompanying application form, it is believed that the proposed facilities meet all applicable FCC requirements. The foregoing has been prepared on behalf of Egot Media, LLC by Clarence M. Beverage of Communications Technologies, Medford, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The undersigned certifies, under penalty of perjury, that the statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



Clarence M. Beverage for
Communications Technologies
Medford, New Jersey
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