

ENGINEERING REPORT

LPTV Station Application for

WXII-LP, Cedar, MI
Companion Channel
(Facility ID Number: 16651)

April, 2019

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Discussion of Engineering Report

This firm was retained to prepare the required engineering report in support of this Companion Channel Application for WXII-LP, Cedar, MI (Facility ID: 16651). WXII-LP is eligible to file for a digital companion channel per the FCC PUBLIC NOTICE DA-19-193 released on March 19, 2019. This public notice lifts the freeze on these applications effective April 18, 2019. Proposed digital operation is requested on Channel 30 with an ERP of 1.50 kW at 473.7 meters AMSL utilizing a non-directional antenna.

Additional engineering exhibits are attached to this application:

- ***“Proposed Allocation Interference Study”***. This exhibit demonstrates that the proposed facility will not cause Prohibited Interference to stations affected by this proposal. The proposed facility will receive interference and applicant agrees to accept this interference. The details of the study parameters are included in this exhibit and show a Study Cell Size of 1.0 km and a Profile Point Spacing of 1.0 km.

- ***“5% Exclusion RFR Study based on Eq10”***. The Radio Frequency exposure has been evaluated at the proposed power level to demonstrate compliance.

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