

### **Introduction and Description of Proposal**

This engineering exhibit was prepared in support of a minor change application being filed by Relevant Radio, Inc. for authority to change the authorized directional antenna and ERP at W298CX (FCC Facility ID 202808), Youngstown, Ohio. This proposed facility fully meets all relevant FCC allocation rules and requires no waivers for grant.

### **Fill-in Translator Eligibility**

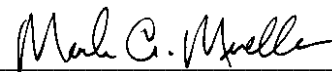
The proposed FM translator's 60 dBu contour is completely within the daytime 2 mV/m contour of primary station WHKZ as shown on the attached map.

### **Environmental Statement**

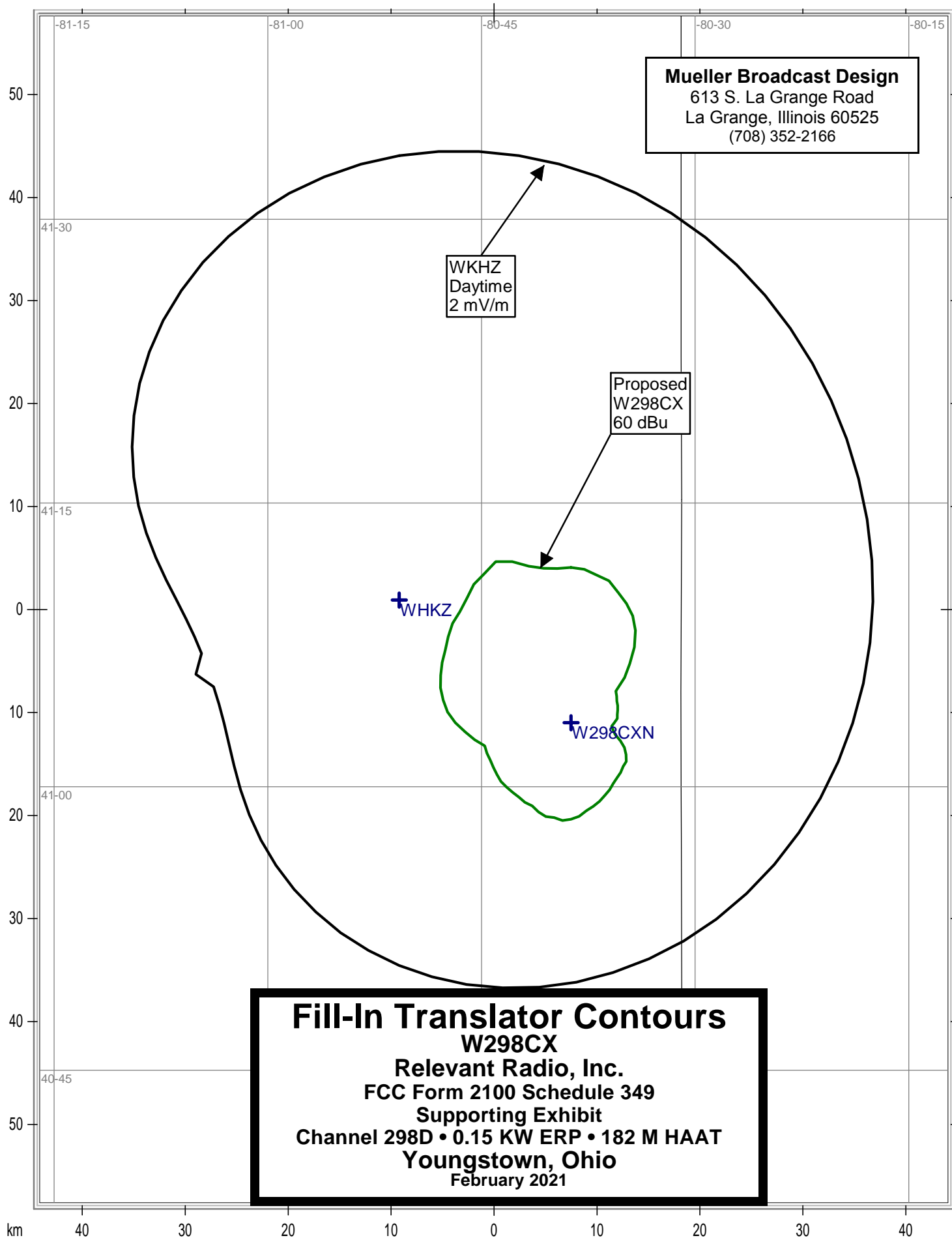
The proposed facility requires no construction except for the mounting of the antenna at the 167.7 meter above ground level on an existing tower. The worst-case power density at 3 meters above ground assuming the full 150 watts ERP is directed to the ground is  $0.18 \mu\text{W}/\text{cm}^2$ , far below the uncontrolled space limit of  $200 \mu\text{W}/\text{cm}^2$ . The station will cease operation when personnel must be near the antenna for longer than allowed. Access to the antenna structure is limited by a locked gate with appropriate warning signs posted.

This engineering exhibit was prepared by me and is true and correct to the best of my knowledge and belief.

February 23, 2021



Mark A. Mueller



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