

ENGINEERING STATEMENT

**IN SUPPORT OF
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
K120C-D
RED RIVER, NM**

Background

Hearst Properties Inc. (Hearst) is the licensee of K120C-D (CDBS File No. BLDTV-20111019ACR, Facility ID. 13441) near Red River, NM. In the May of 2022, the tower supporting the K120C-D antenna collapsed, causing the station to cease operation. Hearst was granted Special Temporary Authority (STA) for the station to remain silent (LMS File No. 0000191289). Recently, a temporary tower was erected approximately 10 ft from the location of the licensed tower site, and Hearst has moved the K120C-D antenna to the new tower. Hearst is now seeking Special Temporary Authority to operate K120C-D from the temporary tower with the parameters specified in the instant application.

Proposed Parameters

Hearst is proposing the following parameters for the K120C-D STA operation:

Coordinates:	36° 41' 00.1" N (NAD83) 105° 22' 21.0" W
ERP:	0.3 kW
RCAMSL:	3024.0m
RCAGL:	7.0m
Antenna:	Scala DRV-1/2HW
Mask:	Simple

The proposed STA facility will have a RCAMSL that is 7.0m lower than the licensed facility. All other parameters will remain the same as authorized.

Environmental/RFR

This report addresses only the conditions specified in 47CFR1.1307 that deal with Radio Frequency Radiation. Any other non-RFR conditions that might require the preparation of an EA are beyond the scope of this report.

The location of the proposed facility is assumed to currently be “in compliance” with FCC guidelines for human exposure to RFR (as defined in OET-65). The worst-case ground level RFR contributed to the site by this proposal is calculated to be 0.049112 mW/cm² at 2m AGL, which is much less than the maximum permissible exposure (MPE) for public areas (0.2 mW/cm²) at Ch. 12.

Hearst agrees to comply with the Commission’s requirements regarding power adjustments or cessation of operation as may be necessary to ensure a compliant environment for worker access.

Certification

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.



Benjamin Pidek, P.E.
November 17, 2021