

TELECOMMUNICATIONS ENGINEERING
GRAY FRIERSON HAERTIG & ASSOC.
4646 S.W. COUNCIL CREST DRIVE
PORTLAND, OREGON 97239
503-282-2989 (Office)
503-807-2989 (Cell)

ELECTRONIC MAIL
gfh@haertig.com

6 September 2023
Prepared for Community Radio Project, Inc.
KZET, Towaoc, Colorado

NATURE OF MODIFICATION

The instant application seeks to lower the Effective Radiated Power and hence, Transmitter Power Output. No other changes to the licensed facilities are contemplated.

Attached are exhibits demonstrating on-going compliance with the provisions of 47CFR73.1310, as regards human exposure to radiofrequency electromagnetic radiation and the provisions of 47CFR73.515, as regards coverage of the Community of License.

KZET-Prop

Latitude: 37-13-12.90 N
Longitude: 108-48-26.30 W
ERP: 1.00 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 2726.0 m
Horiz. Pattern: Omni
Vert. Pattern: No

■ 60 dBu Coverage Contour

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KZET-Prop

+

Towaoc

37-00-00 N

Continued Coverage of Community of License

Scale 1:1,000,000

0 10 20 30 km

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RADIOFREQUENCY FIELDS

The applicant demonstrated compliance with the Maximum Permissible Exposure Standards outlined in 47CFR1.1310 in BMPED-20120622AAS and certified such in BLED-20140513AEK.

The facility proposed herein contemplate no change in the actual facilities other than a reduction in ERP from 2.0 KW to 1.0 KW. Therefore, there will be corresponding 50% reduction in the maximum ambient radiofrequency power density attributable to the *instant* facilities.

Therefore, the proposed facility will remain in compliance with the MPE Standard.