

SPECIAL OPERATING CONDITIONS
K296GQ DENVER, COLORADO, CH 284D
MOUNTAIN COMMUNITY TRANSLATORS, LLC
FCC FORM 350
FEBRUARY 2016

Compliance with all operating conditions have been met under the terms of the construction permit, BPFT-20160129ADE, for K296GQ (now K284CI) Denver, Colorado, facility ID 33475.

See the answers to the conditions and referenced by condition number on the Construction Permit:

- 1) Permittee/Licensee will coordinate with other users of the site and will reduce power of cease operation as necessary to protect persons having access to the site, tower, or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2) Form 350 is being filed prior to normal program test operations.
- 3) Attached is a letter from the antenna manufacturer for the directional antenna utilized by K291LF Idaho Springs, Colorado, facility ID 158527, BKG-77, Nicom USA stating that the installation of the new Scala CA-2-CP antenna system for use by K296GQ Denver, Colorado will not cause any disruption to the current directional pattern of K219LF.
- 4) Fencing and with posted RF warning signs have been posted at the facility. This fencing with RF radiation signage was previously installed by the other users at this multi user communications tower site.

Permittee/Licensee has performed radiofrequency electromagnetic (RF) field strength measurements throughout the transmitter site area to determine if

there are any areas that exceed the FCC guidelines for human exposure to RF fields. Measurements were made with a Narda model 8718B measuring device S/N 1303, with measuring probe model B8722D, S/N 01035. No areas were found to exceed the $200 \mu\text{w}/\text{cm}^2$ exposure limit for un-controlled areas at any point near the tower site. The site is fenced around the base of the towers, and posted with appropriate RF warning signs. The highest readings found within a 60 meter radius of the tower base was $4.5 \mu\text{w}/\text{cm}^2$ or well below the un-controlled area limit.



February 18, 2016

Mountain Community Translators, LLC
Attn: Victor A. Michael, Jr.
87 Jasper Lake Road
Loveland, CO 80537

Dear Mr. Michael,

Thank you for your technical brief and tower drawing describing the proposed installation of an FM antenna for K296GQ Denver, Colorado (facility ID No. 33475) on the same structure as existing FM translator K219LF Idaho Springs, Colorado (facility ID No. 158527).

It appears the vertical spacing proposed for this installation and the placement of the new feed line should not cause any adverse effects to the radiation characteristics of the existing Nicom BKG-77 model antenna.

This opinion carries no performance guarantee and is based solely on the data provided by Mountain Community Translators, LLC and the practical experience of our sales engineers. It is by no means a comprehensive analysis and, Nicom USA recommends Mountain Community Translators, LLC to engage the services of a qualified communications consulting firm for a definitive evaluation. The furnished data has not been verified by Nicom USA for completeness of accuracy.

Sincerely,
Franco Piagentini
Engineer

A handwritten signature in blue ink, appearing to read 'Franco Piagentini', with a large, stylized flourish extending from the end of the signature.