

SPECIAL OPERATING CONDITIONS
TECHNICAL STATEMENT
K282BU (now K276GG) COLORADO SPRINGS, CO
MOUNTAIN COMMUNITY TRANSLATORS, LLC
JULY 2019

This Technical Statement is made in support of a FCC Form 350 filed for
K282BU (now K276GG) Colorado Springs, Colorado, Facility ID 151241.

The construction permit, BPFT-20190605ACL, has a special operating condition,
labeled #3, that requires compliance with the spurious emission requirement under 47
C.F.R. Sections 73.317(b) through 73.317(d).

Measurements were conducted at the translator site using an HP model 8560A RF
spectrum analyzer which was inserted into the output of the bandpass cavity filter using a Bird
ThruLine wattmeter, Model 43, with an RF sample output.

With maximum RF output and modulation of the K282BU transmitter and the
other translators at the site operating normally, all emission where found to be in
compliance. Occupied bandwidth between 120 Khz all the way to 600 Khz was found to be greater
the 60 db, or well below the maximum requirement of 35db.

All emissions beyond 600 Khz from removed from the carrier of either station where
found to be in excess of 80 dbu. In fact all normal mixing frequencies where measure and were
found to be at least 100 dbu down from the reference carrier.

Respectfully Submitted and measurements performed by:

Victor A Michael, Jr. Technical Consultant
87 Jasper Lake Road
Loveland, CO 80537
970-669-9200 vicmichael@aol.com
#