

SPECIAL OPERATING CONDITIONS
TECHNICAL STATEMENT
K225BS LONGMONT, COLORADO, CH 225D
MOUNTAIN COMMUNITY TRANSLATORS, LLC
FEBRUARY 2017

This Technical Statement is made in support of a FCC Form 350 filed for
K225BS Longmont, Colorado, facility ID 140244.

The construction permit, BPFT-20161227AAL, has a special operating condition that
require compliance with the spurious emission requirement under 47
C.F.R. Sections 73.317(b) through 73.317(d).

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

With modulation of both the K225BS transmitter and the other translators at the site, all
emission were 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 were 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