

TECHNICAL EXHIBIT CONCERNING
THE TV CLASS A LICENSE APPLICATION FROM
STATION K08MM
BAKERSFIELD, CALIFORNIA

This Technical Statement supports the Class A TV license application from low power television (LPTV) station K08MM on channel 8 at Bakersfield, California. In particular, this statement addresses the interference issues raised in Part A, Section 1 on page 5 of FCC Form 302-CA. The Federal Communications Commission (FCC) Consolidated Database System (CDBS) has been the source of the technical information employed for the TV assignments employed in the interference studies conducted.

According to the FCC's TV database, station K08MM has a construction permit (CP) to operate on channel 8 with a plus (+) carrier offset (BPTVL-19980601SD, Facility ID 57456). A directional antenna (DA) system is employed with the major lobe oriented toward 325 degrees True (northwest). The maximum visual effective radiated power (ERP) is 0.065 kilowatt (kW). The antenna center of radiation is located 186 meters above mean sea level (AMSL). The maximum antenna height above average terrain

Bakersfield, California
Page 2 of 3

(HAAT) is 79 meters. The transmitter site coordinates are 35-22-08, 119-00-14.

Interference studies have been performed using the methods outlined in the FCC rules. Where appropriate, interference calculations have been made using the procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid.

With respect to other authorized full service and LPTV assignments operating on analog (NTSC) channels, a study was performed using the FCC's normal LPTV allocation method (i.e., separations & non-overlapping predicted contours, LPONE). The study indicates station K08MM has a potential allocation problem to another analog LPTV operation. The operation is station K08FX on channel 8 at Lake Isabella, California (BLTTV-3865).

Interference calculations have been performed using the procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid. The study indicates that K08MM causes no interference to K08FX. If necessary, waiver of the FCC's rules is requested with respect to LPTV station K08FX on channel 8 based on use the procedures outlined in the FCC's OET-69 Bulletin.

With respect to digital television (DTV) assignments and allotments on channels 7, 8 and 9, interference calculations have been made using the

Bakersfield, California
Page 3 of 3

procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid. The calculations indicate that K08MM causes no interference to known DTV assignments and allotments at this time. Hence, the K08MM operation complies with the FCC's interference requirements.

The K08MM operation does not cause interference to land mobile radio stations (LMRS) as specified in Section 73.6020 and 74.709 of the FCC rules.

In summary, as indicated by the above narrative, it is believed station K08MM complies with the FCC's interference criteria for Class A status.

If there are questions concerning this Technical Statement, please communicate with the office of the undersigned.


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November 30, 2000