

TECHNICAL EXHIBIT CONCERNING
THE TV CLASS A LICENSE APPLICATION FROM
STATION W06BV
CHARLOTTE, NORTH CAROLINA

This Technical Statement supports the Class A TV license application from low power television (LPTV) station W06BV on channel 6 at Charlotte, North Carolina. 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 W06BV has a construction permit (CP) to operate on channel 6 with a minus (-) carrier offset (BPTTL-19991208AAE, Facility ID 67022). A directional antenna (DA) system is employed with the major lobe oriented toward 235 degrees True (southwest). The maximum visual effective radiated power (ERP) is 0.18 kilowatt (kW). The antenna center of radiation is located 354 meters above mean sea level (AMSL). The maximum antenna height above average terrain (HAAT) is 169 meters. The transmitter site coordinates are 35-16-35, 80-48-02.

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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 W06BV has a potential allocation problem to the construction permit (CP) operation for station WJBF(TV) on channel 6 at Augusta, Georgia (BPCT-19980909KE).

Interference calculations have been performed using the procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid. The calculations indicate that W06BV causes interference to 568 people (0.04%) within the WJBF CP analog service area (1,351,613 people). This interference level (0.04%) is well within the FCC's 0.5% acceptable interference level. A waiver of the FCC's rules is requested based on use the procedures outlined in the FCC's OET-69 Bulletin.

With respect to digital television (DTV) assignments and allotments on channels 5 and 6, interference calculations have been made using the

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procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid. It is noted that channel 7 is not considered adjacent to channel 6 for interference purposes. The calculations indicate that W06BV causes no interference to known DTV assignments and allotments at this time. Hence, the W06BV operation complies with the FCC's interference requirements.

The W06BV 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 W06BV 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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