

TECHNICAL EXHIBIT CONCERNING  
THE TV CLASS A LICENSE APPLICATION FROM  
STATION W26BB  
VICKSBURG, MISSISSIPPI

This Technical Statement supports the Class A TV license application from low power television (LPTV) station W26BB on channel 26 at Vicksburg, Mississippi. 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 used in the interference studies conducted.

According to the FCC's TV database, station W26BB is authorized to operate on channel 26 with a plus (+) carrier offset (BLTTL-19940527JF, Facility ID 67006). A non-directional antenna system is employed with a visual effective radiated power (ERP) of 11.9 kilowatts (kW). The antenna center of radiation is located 183 meters above mean sea level (AMSL). The maximum antenna height above average terrain (HAAT) is 164 meters. The transmitter site coordinates are 32-21-34, 90-50-08.

Interference studies have been performed using the methods outlined in the FCC rules. Where appropriate, 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.

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 W26BB has no allocation problems with respect to other analog assignments.

With respect to digital television (DTV) assignments and allotments on channels 25, 26 and 27, interference calculations have been made using the procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid. Except for the DTV assignments noted below, the W26BB operation does not cause calculated interference to any known DTV assignment or allotment.

<u>Assignment</u>	<u>Channel</u>	<u>Service Population</u>	<u>Interference Population</u>
KPLA-DT, Alexandria, LA	DTV-26	269,000	8 (0.003%)
WMDN-DT, Meridian, MS	DTV-26	203,000	12 (0.006%)

As shown, the W26BB operation complies with the FCC's interference requirements.

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The W26BB 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 W26BB 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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