

**APPLICATION FOR STATION LICENSE**  
**FAMILY BROADCASTING GROUP, INC.**  
**KSBI-DT TELEVISION STATION**  
**CH 51 - 692-698 MHZ - 1000.0 KW**  
**OKLAHOMA CITY, OKLAHOMA**  
**June 2009**

**TECHNICAL STATEMENT**

This Technical Statement and attachments were prepared on behalf of Family Broadcasting Group, Inc. ("FBG"), licensee of NTSC television station KSBI, Channel 52Z, Oklahoma City, Oklahoma. FBG holds an outstanding construction permit for KSBI-DT, Channel 51, Oklahoma City, Oklahoma (BPCDT-19991028AFH). This instant application seeks a license to cover this outstanding construction permit for the digital facility.<sup>1</sup>

Final construction of the KSBI-DT facility has been completed and the station is operating pursuant to automatic program test authority at full power.<sup>2</sup> Attached as Exhibit A is a calculation of the transmitter output power for KSBI-DT.<sup>3</sup>

It is believed that KSBI-DT facilities have been constructed as authorized in the underlying permit, and the conditions on the permit have been met.

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- 1) FBC has been operating on digital Channel 51 with reduced power under a Special Temporary Authority. As was previously reported, full power digital operation was not possible with the combined operation of Channel 52 analog and Channel 51 digital in the same antenna system. Analog operations have now ceased and the analog/digital combiner has been removed.
  - 2) As indicated previously, KSBI-DT has been operating at lower than authorized power for several years pursuant to an STA.
  - 3) The vertical elevation pattern of the KSBI-DT antenna system is attached as Exhibit B. The system employs an electric beam tilt of 0.75°