

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of HIC BROADCAST, INC., licensee of digital television station KFWD-DT, Channel 9 in Fort Worth, Texas, in support of its Request for Special Temporary Authority (STA) to operate a temporary facility at the site of WFAA-DT's licensed facility, during such time as it takes to complete planned work on the tower to which KFWD-DT's main antenna is mounted. This STA facility proposes operation with an effective radiated power of 0.546 kW. Changes in site location, antenna make and model and antenna height from that authorized to KFWD-DT are also proposed herein.

It is proposed to utilize the Dielectric omnidirectional antenna that is currently mounted at the 473-meter level of an existing 481-meter tower. Elevation pattern data for the proposed antenna is provided in Exhibit B. Exhibit C is a map upon which the predicted service contours of the STA facility are plotted in relation to that of the licensed KFWD-DT facility. As shown, the STA facility's predicted 41 dBu service contour is completely contained within that of the authorized facility. As a result, and since this proposal is for a temporary facility, no interference study is provided herein. A power density calculation appears in Exhibit D.

It is not expected that the proposed facility would cause objectionable interference to any other broadcast or non-broadcast station operating at or near the KFWD-DT STA site. However, if such should occur, the owner of this station recognizes its obligation to take whatever corrective actions are necessary.

EXHIBIT A

Since no change in overall height or location of the existing tower is proposed herein, the FAA has not been notified of this application. In addition, the FCC issued Antenna Structure Registration Number 1011407 to this tower.

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.


KYLE T. FISHER

February 29, 2012

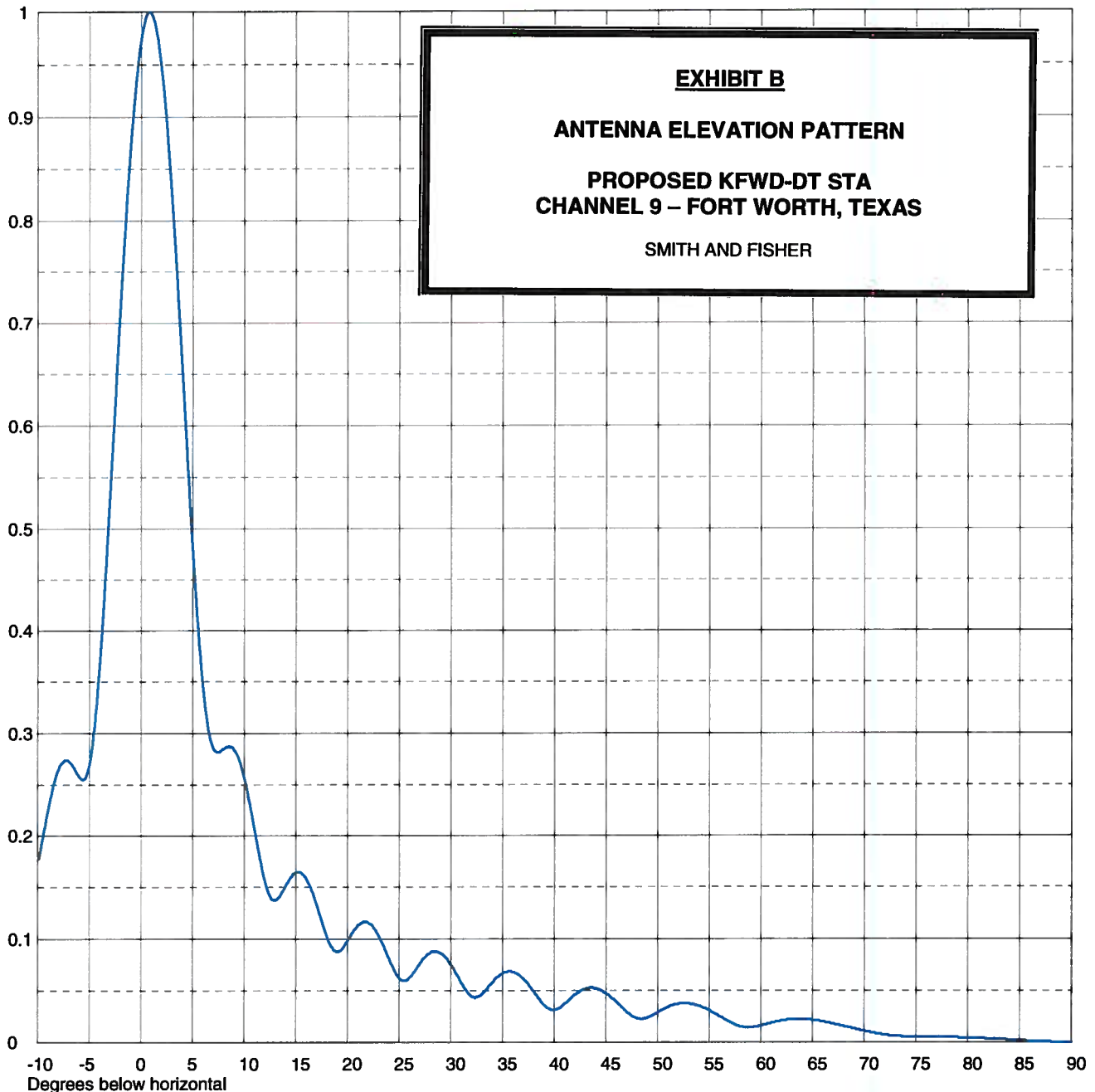


Exhibit No.

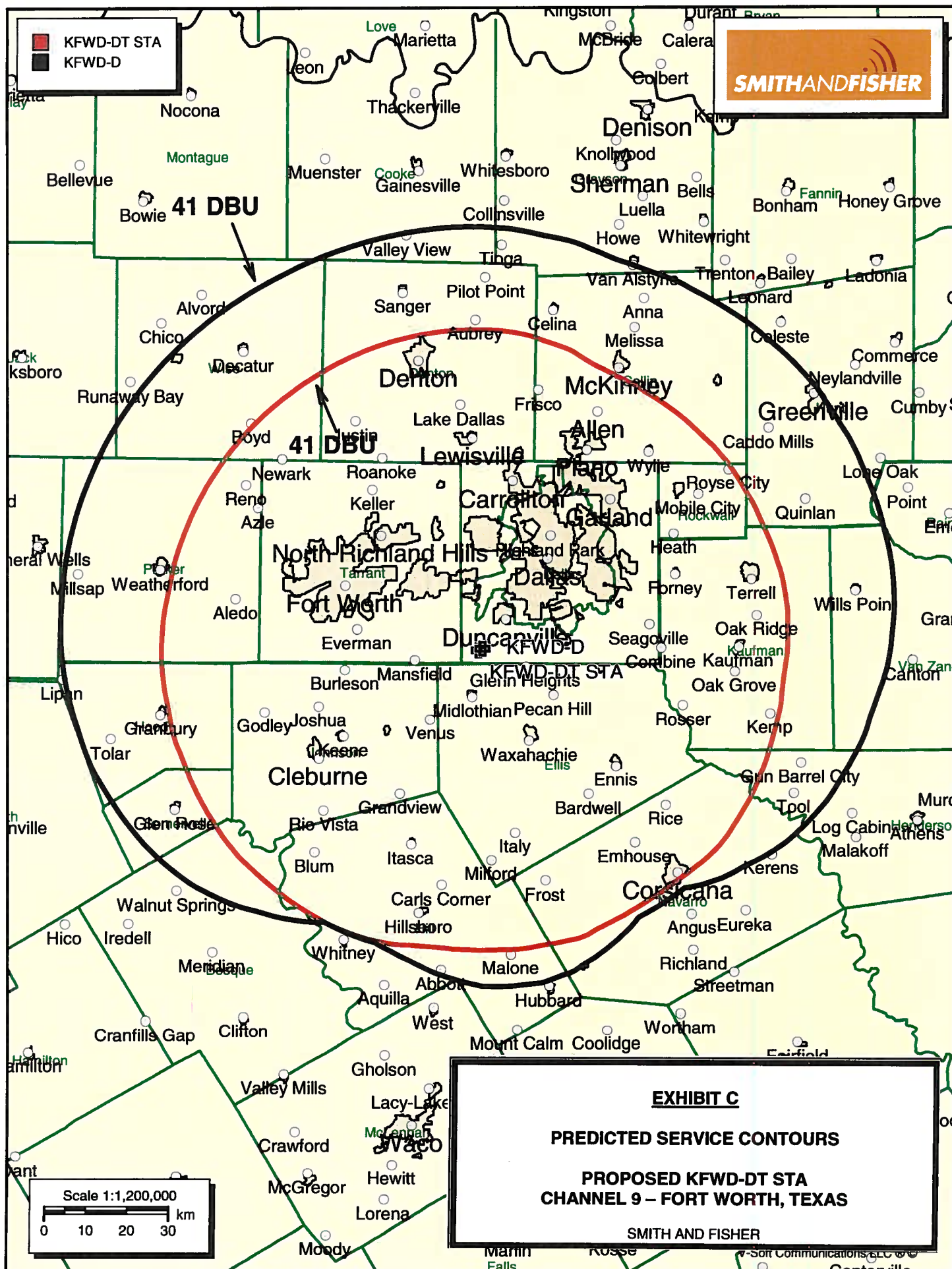
Date	29 Feb 2012	
Call Letters	KFWD-DT	Channel 9
Location	FT. WORTH, TX	
Customer	BELO	
Antenna Type	TW-9B9	

ELEVATION PATTERN

RMS Gain at Main Lobe	9.0 (9.54 dB)	Beam Tilt	0.75 Degrees
RMS Gain at Horizontal	8.6 (9.34 dB)	Frequency	189.00 MHz
Calculated / Measured	Calculated	Drawing #	19W090075-90



Remarks:



POWER DENSITY CALCULATION

PROPOSED KFWD-DT STA
CHANNEL 9 – FORT WORTH, TX

Since the FCC considers the possible biological effects of RF transmissions in its environmental determinations, we have studied the matter with respect to this Fort Worth facility. Employing the methods set forth in *OET Bulletin No. 65* and considering a main-lobe effective radiated power of 0.546 kW, an antenna radiation center 473 meters above ground, and the elevation pattern of the Dielectric antenna, maximum power density two meters above ground of $0.00000015 \text{ mw/cm}^2$ is calculated to occur 1.8 kilometers from the base of the tower. Since this is less than 0.1 percent of the 0.2 mw/cm^2 reference for uncontrolled environments (areas with public access) surrounding a facility operating on Channel 9 (186-192 MHz), a grant of this proposal may be considered a minor environmental action with respect to public and occupational ground-level exposure to nonionizing electromagnetic radiation.

Further, the station owner will take whatever precautionary steps are necessary, such as reducing power or leaving the air temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive nonionizing radiation.