## **United States of America**



## FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

FOX TELEVISION STATIONS, LLC 101 CONSTITUTION AVENUE, NW

SUITE 200 WEST

WASHINGTON DC 20001

Facility Id: 51569 Analog TSID: 2868 Digital TSID: 2869 Call Sign: KTXH

Permit File Number: BXPCDT-20080715ADK

Clay C. Pendarvis Associate Chief Video Division Media Bureau

Grant Date: August 27, 2008

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: FOX TELEVISION STATIONS, LLC

Station Location: TX-HOUSTON

Frequency (MHz): 500 - 506

Channel: 19

Hours of Operation: Unlimited

Callsign: KTXH Permit No.: BXPCDT-20080715ADK

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: ERI, ESR-10U3-CPC3-19/26/27

Beam Tilt: 0.75 Degrees Electrical

Major lobe directions 40

(degrees true):

Antenna Coordinates: North Latitude: 29 deg 34 min 28 sec

West Longitude: 95 deg 29 min 37 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 435 kW

26.4 DBK

Height of radiation center above ground: 529 Meters

Height of radiation center above mean sea level: 553 Meters

Height of radiation center above average terrain: 534 Meters

Antenna structure registration number: 1028555

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

1 For emergency, maintenance and test purposes only.

\*\*\* END OF AUTHORIZATION \*\*\*