



United States of America

FEDERAL COMMUNICATIONS COMMISSION
DIGITAL/TELEVISION BROADCAST STATION LICENSE

Official Mailing Address:

KDFW LICENSE, INC.
5151 WISCONSIN AVE NW
WASHINGTON, DC 20016

Authorizing Official:

Clay C. Pendarvis

Clay C. Pendarvis
Chief, TV Branch
Video Services Division
Mass Media Bureau

Grant Date: 3/18/99

Facility ID: 33770
Analog Call Sign: KDFW
Digital Call Sign: KDFW-DT

This license expires 3:00 a.m.
local time, August 01, 2006

Analog License File No.: BLCT-900611KE
Digital License File No.: BLCDT-981117KF

This license covers Analog Permit No.: 881130KK
This license covers Digital Permit No.: 971107KE

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Name of Licensee:

FOX TELEVISION STATIONS, INC

Station Location:

TX-DALLAS

ANALOG TELEVISION ENGINEERING DATA

Frequency (MHz): 66.0 - 72.0

Carrier Frequency (MHz): 67.26 Visual 71.76 Aural

Channel: 4

Hours of Operation: Unlimited

Main Studio Address:

TX-400 NORTH GRIFFIN STREET, DALLAS

Transmitter location (address or description):

-1570 WEST BELTLINE ROAD, DALLAS, TX

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

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

Description: DIELECTRIC TDM-7A4 CIRCULARLY POLARIZED

Beam Tilt: 1.00 Degrees Electrical

Major lobe directions (degrees true): Not applicable

Antenna Coordinates: North Latitude : 32 35 6
West Longitude : 96- 58 41

Transmitter output power.....: 39.80 kW
: 16.0 DBK

Maximum effective radiated power (PEAK): 100.0 kW
: 20.0 DBK

Height of radiation center above ground.....: 456 Meters

Height of radiation center above mean sea level.: 703 Meters

Height of radiation center above average terrain: 511 Meters

Antenna structure registration number: none

Overall height of antenna structure above ground
(including obstruction lighting if any): 469 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

PARAGRAPH A . . , FCC FORM 715-A (MAY 1985):

There shall be installed at the top of the antenna structure a white capacitor discharge omnidirectional light which conforms to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. This light shall be mounted on the highest point of the structure. If the antenna or other appurtenance at its highest point is incapable of supporting the omnidirectional light, one or more such lights shall be installed on a suitable adjacent support with the lights mounted not more than 20 feet below the tip of the appurtenance. The lights shall be positioned so as to permit unobstructed viewing of at least one light from aircraft at any normal angle of approach. The light unit(s) shall emit a beam with a peak intensity around its periphery of approximately 20,000 candelas during daytime and twilight, and approximately 4,000 candelas at night.

PARAGRAPH B . . , FCC FORM 715-A (MAY 1985):

There shall be installed at the top of the skeletal or other main support structure three or more high intensity light units which conform to FAA/DOD Specification L-856 High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The units will normally be adjusted so that the center of the beam is in the horizontal plane.

PARAGRAPH F . , FCC FORM 715-A (MAY 1985):

At the approximate one-fifth, two-fifths, three-fifths and four-fifths levels of the skeletal tower there shall be installed three or more high intensity light units which conform to FAA/DOD Specification L-856, High Intensity Obstruction Lighting Systems. The complement of units shall emit a white high intensity light and produce an effective intensity of not less than 200,000 candelas (daytime) uniformly about the antenna structure in the horizontal plane. The effective intensity shall be reduced to approximately 20,000 candelas at twilight, and to approximately 4,000 candelas at night. The light units shall be mounted in a manner to ensure unobstructed viewing from aircraft at any normal angle of approach, so that the effective intensity of the full beam is not impaired by any structural member of the skeletal framework. The normal angular adjustment of the beam centers above the horizon shall be three degrees at the one-fifth level, two degrees at the two-fifths level, one degree at the three-fifths level and zero degrees at the four-fifths level.

PARAGRAPH H . , FCC FORM 715-A (MAY 1985):

All lights shall be synchronized to flash simultaneously at 40 pulses per minute. The light system shall be equipped with a light sensitive control device which shall face the north sky and cause the intensity steps to change automatically when the north sky illumination on a vertical surface is as follows:

1. Day to Twilight: Shall not occur before the illumination drops to 60 footcandles, but shall occur before it drops to 30 footcandles.
2. Twilight to Night: Shall not occur before the illumination drops to 5 footcandles, but shall occur before it drops to 2 footcandles.
3. Night to Day: The intensity changes listed in 1. and 2. above shall be reversed in transitioning from the night to day modes.

PARAGRAPH I . , FCC FORM 715-A (MAY 1985):

During construction of an antenna structure for which high intensity lighting is required, at least two lights shall be installed at the uppermost part of the structure. In addition, at each level where permanent obstruction lighting will be required, two similar lights shall be installed. Each temporary light shall consist of at least 1,500 candelas (peak effective intensity), synchronized to flash simultaneously at 40 pulses per minute. Temporary lights shall be operated continuously, except for periods of actual construction, until the permanent obstruction lights have been installed and placed in operation. Lights shall be positioned to ensure unobstructed viewing from aircraft at any normal angle of approach. If practical, the permanent obstruction lights may be installed at each level as the structure progresses. NOTE: If battery operated, the batteries should be replaced or recharged at regular intervals to preclude failure during operation.

Special operating conditions or restrictions:

None Required

DIGITAL TELEVISION ENGINEERING DATA

Frequency (MHz): 596.0 - 602.0

Channel: 35

Hours of Operation: Unlimited

Main Studio Address:

TX-400 NORTH GRIFFIN STREET, DALLAS

Transmitter location (address or description):

TX-Junction of Belt Line & Mansfield Roads, Cedar Hill, TX

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: Andrew ATW22H4-ESC1-35S

Beam Tilt: 1.00 Degrees Electrical

Major lobe directions (degrees true): 87.0 274.0

Antenna Coordinates: North Latitude :	32	35	6
West Longitude :	96	58	41

Transmitter output power.....: 48.90 kW
: 16.9 DBK

Maximum effective radiated power (AVG) : 857.0 kW
: 29.3 DBK

Height of radiation center above ground.....: 456 Meters

Height of radiation center above mean sea level.: 703 Meters

Height of radiation center above average terrain: 510 Meters

Antenna structure registration number: 1011407

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

Special operating conditions or restrictions:

None Required

*** END OF AUTHORIZATION ***