



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

FAMILY LIFE BROADCASTING SYSTEM
7355 N. ORACLE RD.
TUCSON AZ 85704

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 39900

Call Sign: KFLB

License File Number: BML-20051114AOJ

Grant Date: **JUN 9 2006**
This license expires 3:00 a.m.
local time, August 01, 2013.

This license modifies license no.: BZ-19800919AB to change from commercial to non-commercial status.

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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:45 AM	6:15 PM	Jul.	6:00 AM	8:00 PM
Feb.	7:30 AM	6:30 PM	Aug.	6:15 AM	7:30 PM
Mar.	7:00 AM	7:00 PM	Sep.	6:30 AM	7:00 PM
Apr.	6:15 AM	7:15 PM	Oct.	6:45 AM	6:15 PM
May	6:00 AM	7:45 PM	Nov.	7:15 AM	5:45 PM
Jun.	5:45 AM	8:00 PM	Dec.	7:45 AM	5:45 PM

Name of Licensee: FAMILY LIFE BROADCASTING SYSTEM

Station Location: ODESSA, TX

Frequency (kHz): 920

Station Class: B

Antenna Coordinates:

Day

Latitude: N 31 Deg 49 Min 14 Sec

Longitude: W 102 Deg 25 Min 42 Sec

Night

Latitude: N 31 Deg 49 Min 14 Sec

Longitude: W 102 Deg 25 Min 42 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.5

Antenna Input Power (kW): Day: 1.00 Night: 0.54

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 1.46 Night: 3.29

Resistance (ohms): Day: 466 Night: 50

Non-Directional Antenna: Day

Radiator Height: 122.87 meters; 135 deg

Theoretical Efficiency: 336.35 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1052501	

Night:

Tower No.	ASRN	Overall Height (m)
1	1052501	
2	1052502	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 225.31
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 238.47
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	135.0
2	0.4000	120.000	225.0000	330.000	0	84.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower
 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	25.0	10.0	193.12
2	32.5	10.0	177.38
3	45.0	25.0	128.75
4	63.0	14.0	218.87
5	70.0	10.0	245.26
6	155.0	10.0	213.09
7	171.0	10.0	235.37
8	253.0	46.0	128.75
9	296.0	10.0	273.35
10	328.0	24.0	289.68
11	328.0	10.0	297.73

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	120	0.32

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
25	4.02	47
155	2.01	100
253	1.61	85

Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- 2 Location of Monitor Points:

Direction of 25° true North. From the transmitter site proceed West 0.4 mile to FM Road 1936, turn right and proceed 1.4 miles North to intersection of 16th Street, turn right and proceed 2.0 miles to Loop 338, turn left and proceed North 0.55 mile to monitor point which is 50 feet West of center of road.

Direction of 155° true North. From the transmitter site proceed West 0.4 mile to FM Road 1936, turn left and cross overpass, make left turn and proceed East 1.1 miles along paved road beside railroad, making slight right turn on Interstate 20 access road at underpass, turn right across first cattle guard, which is 0.1 mile past underpass, onto winding road. Proceed 0.9 mile along this road (0.5 mile past second cattle guard) to seldom traveled road, turning left 0.1 mile to monitor point, which is 225 feet West of Paul Moss Well Number 4C.

Direction of 253° true North. From the transmitter site proceed West 0.4 mile to FM 1936, turn left and proceed 0.5 mile South, turn right across cattle guard and proceed 0.8 mile along dirt road in Northwest direction to the monitor point which is 20 paces East of Addison Turner Well Number 5.

- 3 Ground system consist of 120-100.61 equally spaced buried copper radials with a 12.20 square copper ground screen at the base of tower #2. 120-86.59 meter to 121.95 meter equally spaced buried copper radials with a 12.20 meter square copper ground screen at the base of tower #1. Radials are bonded to a transverse copper strap midway between towers and bonded to a copper strap around oil well and slush pit area between towers. Copper strap between towers.
- 4 Family Life Broadcasting System requests waiver of 47 C.F.R. Section 73.1125 to operate the proposed facility as a "satellite" of co-owned noncommercial educational FM station KFLT(FM), Facility ID# 81952, Tucson, Arizona. Based upon the specific representations contained therein, the waiver request IS GRANTED. Family Life Broadcasting System shall abide by each representation proffered in the waiver request.

*** END OF AUTHORIZATION ***