



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

FAMILY TALK RADIO
1115 HONEYSUCKLE DRIVE
KEENE TX 76059

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: June 30, 1987

This license expires 3:00 a.m.
local time, June 01, 2020.

Facility Id: 74003

Call Sign: WSJC

License File Number: BL-19870609AK

BS-20151106ETV: License reissued per 11/6/15 request. 4/28/2016

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.	7:00 AM	5:15 PM	Jul.	5:00 AM	7:00 PM
Feb.	6:45 AM	5:45 PM	Aug.	5:30 AM	6:45 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:00 PM
Apr.	5:30 AM	6:30 PM	Oct.	6:00 AM	5:30 PM
May	5:00 AM	6:45 PM	Nov.	6:30 AM	5:00 PM
Jun.	4:45 AM	7:00 PM	Dec.	6:45 AM	5:00 PM

Callsign: WSJC

License No.: BL-19870609AK

Name of Licensee: FAMILY TALK RADIO

Station Location: WAGEE, MS

Frequency (kHz): 810

Station Class: B

Antenna Coordinates:

Day

Latitude: N 31 Deg 52 Min 00 Sec

Longitude: W 89 Deg 41 Min 35 Sec

Night

Latitude: N 31 Deg 52 Min 00 Sec

Longitude: W 89 Deg 41 Min 35 Sec

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

Nominal Power (kW): Day: 50.0 Night: 0.5

Antenna Input Power (kW): Day: 50.0 Night: 0.54

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 9.28 Night: 3.25

Resistance (ohms): Day: 580 Night: 51

Non-Directional Antenna: Day

Radiator Height: meters; 180 deg

Theoretical Efficiency: 381.4 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1061645	

Night:

Tower No.	ASRN	Overall Height (m)
1	1061645	
2	1061646	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 199.56

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 209.96

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	180.0
2	0.9800	60.000	130.0000	43.000	0	90.0

* 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	15.0	11.0	25.43
2	20.5	10.0	28.16
3	25.5	10.0	28.16
4	32.0	13.0	28.97
5	43.0	22.0	32.19
6	54.0	12.0	28.97
7	60.0	11.0	28.16
8	65.5	11.0	27.68
9	71.0	11.0	25.43

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	45.8	0.36

Antenna Monitor: FOTOMAC INSTRUMENTS AM-19D (210)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
20.5	1.77	11
43	2.01	15
65.5	1.9	8
223	1.34	103

Special operating conditions or restrictions:

- 1 Ground system consists of 120 equally spaced, buried, copper radials, each 110 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15.2 meters in length, about the base of each tower.

*** END OF AUTHORIZATION ***