

Federal Communications Commission

AM BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

Townsquare License,
LLC
1 Manhattanville Road
Suite 202
Purchase, NY, 10577

Call Sign

KDXU

Facility ID

60454

File Number 0000239024	This Permit Modifies License File No. BMML-20170303ABU		
Filing Date 02/14/2024	Grant Date 04/23/2024	Expiration Date 36 months after the grant date	
Description Text Move transmitter location.			
Community of License City: St. George State: UT	Frequency (KHz) 890	Station Class D	Service Type Main
Facility Type Commercial			
Hours of Operation Daytime Nighttime			
Station Antenna Modes/Antenna Types Daytime: Non-Directional Nighttime: Non-Directional			

Average Hours of Sunrise and Sunset

Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	7:45	17:45
February	7:30	18:15
March	6:45	18:45
April	6:00	19:15
May	5:30	19:30
June	5:15	20:00
July	5:30	20:00
August	5:45	19:30
September	6:15	18:45
October	6:45	18:00
November	7:15	17:30
December	7:45	17:15

Transmitter

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

Antenna Mode: Daytime

Antenna Type: Non-Directional

Antenna Coordinates (NAD 83) Latitude 37° 41' 51.0" N Longitude 113° 10' 54.4" W				Nominal Power (kW) 25.000		
Antenna Structure Registration Number(s)						
Tower No.	ASRN	Overall Height (m)				
1	1041458	93				
Radiator Height 91.7 meters 98.0 degrees				Theoretical Efficiency 310.943 mV/m/kw at 1 km		
Theoretical Parameters						
Tower No.	Field Ratio	Phasing (deg.)	Spacing (deg.)	Orientation (deg.)	Tower Ref. Switch*	Height (deg.)
1	1	0	0	0	0	98.0
<p>* Tower Reference Switch</p> <p>0 = Spacing and orientation from reference tower 1 = Spacing and orientation from previous tower</p>						
Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)						
Tower No.	Tower Type	A	B	C	D	
1	Neither					

Antenna Mode: Nighttime

Antenna Type: Non-Directional

Antenna Coordinates (NAD 83) Latitude 37° 41' 51.0" N Longitude 113° 10' 54.4" W				Nominal Power (kW) 0.108																
Antenna Structure Registration Number(s)																				
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Special operating conditions or restrictions

The permittee /licensee in coordination with other users of the site 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.

- The ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 91.4 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between the adjacent towers.
- Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations KDXU, Facility ID no. 60454, and KSUB, Facility ID no. 61384, and there shall be filed with the license application copies of a firm agreement entered into by the stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, Stations KDXU, Facility ID no. 60454, and KSUB, Facility ID no. 61384 shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.
- Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V /m contour as required by Section 73.88 of the Commission's rules.

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.

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

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