Federal Communications Commission

AM BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee
Audacy License, LLC
2400 MARKET STREET
4TH FLOOR
PHILADELPHIA, PA, 19103

Call Sign	Facility ID
KXST	47745

File Number	This Permit Modifies License File No.	
0000221201	BMML-20200325AFV	
Filing Date	**Grant Date**	**Expiration Date**
09/21/2023	01/08/2024	36 months after the grant date
Description Text		
Change transmitter location.		

Community of License	Frequency (KHz)	Station Class	Service Type
City: North Las Vegas **State:** NV	1140	D	Main
Facility Type			
Commercial			
Hours of Operation			
Daytime Nighttime			
Station Antenna Modes/Antenna Types			
Daytime: Directional Nighttime: Directional			

Average Hours of Sunrise and Sunset
Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	6:45	16:45
February	6:30	17:15
March	6:00	17:45
April	5:15	18:15
May	4:30	18:45
June	4:15	19:00
July	4:30	19:00
August	5:00	18:30
September	5:15	17:45
October	5:45	17:00
November	6:15	16:30
December	6:45	16:30

Transmitter

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

Antenna Mode: Daytime

Antenna Type: Directional

Antenna Coordinates (NAD 83)

Latitude
36° 23' 52.9'' N

Longitude
114° 55' 00.0'' W

Nominal Power (kW)
12.0

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1059595	90.2
2	1059597	90.2

Description of Daytime Directional Antenna System

Theoretical RMS *(mV/m/km)*	Standard RMS *(mV/m/km)*	Augmented RMS *(mV/m/km)*	Q Factor
1143	1201		

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1.000	0.0	0.0	0.0	0	122.1
2	0.210	-124.7	122.1	90.0	0	122.1

** Tower Reference Switch*

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

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	Tower Type	A	B	C	D
1	Neither				
2	Neither				

Inverse Distance Field Strength

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Azimuth *(deg.)*	Radiation *(mV/m/km)*
206.9	945.04
333.1	945.04

Antenna Mode: Nighttime

Antenna Type: Directional

Antenna Coordinates (NAD 83)

Latitude
36° 23' 52.9'' N

Longitude
114° 55' 0.0'' W

Nominal Power (kW)
0.1

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1059596	90.2
2	1059597	90.2
3	1059598	90.2

Description of Nighttime Directional Antenna System

Theoretical RMS *(mV/m/km)*	Standard RMS *(mV/m/km)*	Augmented RMS *(mV/m/km)*	Q Factor
96.22	101.6		

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1	0.0	0.0	0.0	0	122.1
2	0.860	-8.5	200.5	302.0	0	122.1
3	0.297	105.5	122.1	90.0	0	122.1

** Tower Reference Switch*

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

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	Tower Type	A	B	C	D
1	Neither				
2	Neither				
3	Neither				

Inverse Distance Field Strength

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Azimuth *(deg.)*	**Radiation** *(mV/m/km)*
100.3	11.14
160.4	13.73
279.1	41.53
319.0	40.45

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 permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized. A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the (night) directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules. Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).
- The ground system consists of 120, 89.0 meter (0.338 wavelength), buried copper radials except where shortened due to property boundaries or where bonded to a transverse copper strap midway between 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 KXST, KDWN (ID# 54686), and KXNT (ID# 33068) 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 KXST, KDWN (ID# 54686), and KXNT (ID# 33068) 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.