



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

AKAL MEDIA KKDZ, INC.
 15 S. GRADY WAY
 SUITE 504
 RENTON WA 98057

Authorizing Official:

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 12112

Call Sign: KKDZ

Permit File Number: BP-20210315AAH

Grant Date: June 25, 2021

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

Change transmitter location and community of license.

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.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

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

Hours of Operation: Unlimited

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

Jan.	8:00 AM	4:45 PM	Jul.	4:30 AM	8:00 PM
Feb.	7:15 AM	5:30 PM	Aug.	5:00 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:15 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:30 AM	7:45 PM	Nov.	7:15 AM	4:30 PM
Jun.	4:15 AM	8:00 PM	Dec.	7:45 AM	4:15 PM

Callsign: KKDZ

Permit No.: BP-20210315AAH

Name of Permittee: AKAL MEDIA KKDZ, INC.

Station Location: KENT, WA

Frequency (kHz): 1250

Station Class: B

Antenna Coordinates:

Day

Latitude: N 47 Deg 18 Min 01 Sec

Longitude: W 122 Deg 11 Min 19 Sec

Night

Latitude: N 47 Deg 18 Min 01 Sec

Longitude: W 122 Deg 11 Min 19 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1037824	

Night:

Tower No.	ASRN	Overall Height (m)
1	1037823	
2	1037824	
3	1037825	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 702.23
 Standard RMS (mV/m/km): Night: 737.72
 Augmented RMS (mV/m/km):
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5790	-127.900	0.0000	0.000	0	86.9
2	1.0000	0.000	80.9000	96.900	0	86.9
3	0.4950	85.300	220.6000	114.300	0	68.6

* Tower Reference Switch

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

Non-Directional Antenna: Day

Radiator Height: 57.9 meters; 86.9 deg
 Theoretical Efficiency: 303.33 mV/m/kw at 1km

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:

Night:

Azimuth:	Radiation:
91.9	49.28 mV/m
182.2	181.39 mV/m

Special operating conditions or restrictions:

- 1 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.

Special operating conditions or restrictions:

- 2 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.
- 3 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 4 The ground system consists of 120 equally spaced, buried copper radials about the base of each tower, 61 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.
- 5 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.
- 6 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 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).
- 7 This license authorization allows KKDZ(AM) to operate with a 5 kW non-directional and a 5 kW directional pattern on a share-time basis with KWSU, 1250 kHz, Pullman, Washington. Under the share-time agreement, KKDZ operates using the daytime non-directional antenna system from 12:00 A.M. to sunset, at which time KKDZ employs the nighttime 5 kW directional antenna pattern to afford protection to KWSU until KWSU signs off at 12:00 A.M. (midnight).

*** END OF AUTHORIZATION ***