Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee
ARIZONA BOARD OF REGENTS FOR ARIZONA STATE UNIVERSITY
555 N. CENTRAL AVENUE
Suite 500
PHOENIX, AZ, 85004

Call Sign	File Number
KAET	0000143455

Facility ID: 2728
NTSC TSID: 190
Digital TSID: 191
This License Modifies License No. BLEDT-20090612AEF

ATSC 3.0

Grant Date	Expiration Date
03/13/2020	10/01/2022

Hours of Operation
Unlimited

Station Location	Frequency (MHz)	Station Channel
City PHOENIX **State** AZ	596.0 - 602.0	35

Antenna Structure Registration Number
1065157

Transmitter	Transmitter Output Power(kW)
Type Accepted. See Sections 74.750 of the Commission's Rules.	As required to achieve authorized ERP.

Antenna Coordinates	Antenna Type
Latitude 33-20-0.0 N **Longitude** 112-3-49.0 W	Directional

Description of Antenna
Make SWR
Model SWLP16WL

Antenna Beam Tilt (Degrees Electrical) Not Applicable	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 35.0 355.0	**Maximum Effective Radiated Power (Average)** 15 kW 11.76 DBK
Height of Radiated Center Above Ground (Meters) 58	**Height of Radiated Center Above Mean Sea Level (Meters)** 859.6
Out-Of-Channel Emission Mask Stringent	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

Waivers/Special Conditions

ATSC 1.0

Call Sign	Facility ID
KAET	2728

Grant Date 05/06/2021	**Expiration Date** 10/01/2022	
Hours of Operation Unlimited		
Station Location **City** PHOENIX **State** AZ	**Frequency (MHz)** 180.0 - 186.0	**Station Channel** 8
Facility Type Noncommercial Educational		

Antenna Structure Registration Number 1001134	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	**Transmitter Output Power(kW)** As required to achieve authorized ERP.
Antenna Coordinates **Latitude** 33-20-0.0 N **Longitude** 112-3-52.0 W	**Antenna Type** Non-Directional

Description of Antenna	
Make DIE **Model** TW-9A8	
Antenna Beam Tilt (Degrees Electrical) 0.5	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions N/A	**Maximum Effective Radiated Power (Average)** 40 kW 16.02 DBK
Height of Radiated Center Above Ground (Meters) 94	**Height of Radiated Center Above Mean Sea Level (Meters)** 912.4
Height of Radiated Center Above Average Terrain (Meters) 549	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

Waivers/Special Conditions

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.

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