

Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

KVOA COMMUNICATIONS, LLC
PO Box 5188
Tucson, AZ, 85703

Call Sign File Number

K20FO 0000019158

Facility ID: 25737

NTSC TSID:

Digital TSID:

This Permit Modifies License No.: BLTT-20000913AAO

Grant Date 01/26/2017	Expiration Date 36 months after the grant date
Hours of Operation Unlimited	
Station Location City SIERRA VISTA State AZ	Frequency (MHz) 506.0 - 512.0 Station Channel 20

Antenna Structure Registration Number	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 31-28-54.2 N Longitude 109-57-35.0 W	Antenna Type Directional
Description of Antenna Make Alive Communications Model ATC-BCH710CNS-20	Major Lobe Directions 285.0
Antenna Beam Tilt (Degrees Electrical) 1.75	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 42 kW 16.23 DBK	
Height of Radiated Center Above Ground (Meters) 13.4	Height of Radiated Center Above Mean Sea Level (Meters) 2183.6
Out-Of-Channel Emission Mask	Overall Height of Antenna Structure Above Ground (Meters) 18.3

Waivers/Special Conditions

- The authorization of a license to operate this station is conditioned upon the use of a transmitter that has been type accepted or meets Commission type acceptance requirements at a visual carrier frequency tolerance of plus/minus 1 kHz. In the event the transmitter has not been type accepted at this tolerance, the permittee shall, in the license application, provide full engineering data that demonstrates compliance with Section 74.750 (c)(3)(iii) of the Commissions Rules.
- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

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.