

Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION LICENSE

Licensee/Permittee

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

Call Sign File Number

K20FO 0000021597

Facility ID: 25737

NTSC TSID:

Digital TSID:

This License Covers Permit No.: 0000019158

| | |
|--|---|
| Grant Date 03/01/2017 | Expiration Date 10/03/2022 |
| Hours of Operation Unlimited | |
| Station Location City SIERRA VISTA State AZ | Frequency (MHz) 506.0 - 512.0 |
| Station Channel 20 | |
| This authorization reissued to KVOA COMMUNICATIONS, LLC on 06/12/2018. This authorization reissued to KVOA COMMUNICATIONS, LLC on 06/11/2018. to correct call sign | |

| | |
|--|---|
| 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

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.