

Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

KPHO BROADCASTING CORPORATION
1716 LOCUST STREET
DES MOINES, IA, 50309

Call Sign	File Number
KTVK	0000107396

Facility ID: 40993

NTSC TSID: 186

Digital TSID: 187

This License Modifies License No. BLCDT-20060630ABT

ATSC 3.0

Grant Date 03/13/2020		Expiration Date 10/01/2022	
Hours of Operation Unlimited			
Station Location City PHOENIX State AZ		Frequency (MHz) 596.0 - 602.0	Station Channel 35

Antenna Structure Registration Number 1065157	
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 33-20-0.0 N Longitude 112-3-49.0 W	Antenna Type 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
KTVK	40993

Grant Date 03/13/2020	Expiration Date 10/01/2022	
Hours of Operation Unlimited		
Station Location City PHOENIX State AZ	Frequency (MHz) 530.0 - 536.0	Station Channel 24
Facility Type Commercial		

Antenna Structure Registration Number 1002070	
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 33-20-1.0 N Longitude 112-3-48.0 W	Antenna Type Directional

Description of Antenna Make DIE Model TFU-24DSB-H(C)	
Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 45.0	Maximum Effective Radiated Power (Average) 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 56	Height of Radiated Center Above Mean Sea Level (Meters) 866.7
Height of Radiated Center Above Average Terrain (Meters) 501	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.