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
KPHO-TV	0000150149

Facility ID: 41223
NTSC TSID: 188
Digital TSID: 189
This License Modifies License No. 0000107392

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)** 548.0 - 554.0	**Station Channel** 27
Facility Type Commercial		

Antenna Structure Registration Number 1002069	
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** 112-3-47.0 W	**Antenna Type** Directional
Description of Antenna **Make** Dielectric **Model** TFU-17ETT/VP-R 4C190	

Antenna Beam Tilt (Degrees Electrical) 0.95	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 55.0	**Maximum Effective Radiated Power (Average)** 445 kW 26.48 DBK
Height of Radiated Center Above Ground (Meters) 98.5	**Height of Radiated Center Above Mean Sea Level (Meters)** 908.5
Height of Radiated Center Above Average Terrain (Meters) 550.9	**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
KPHO-TV	41223

Grant Date 07/01/2021	**Expiration Date** 10/01/2022	
Hours of Operation Unlimited		
Station Location **City** PHOENIX **State** AZ	**Frequency (MHz)** 488.0 - 494.0	**Station Channel** 17
Facility Type Commercial		

Antenna Structure Registration Number 1005664	
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** 33-20-2.0 N **Longitude** 112-3-43.0 W	**Antenna Type** Directional

Description of Antenna	
Make DIE **Model** TFU-26DSC C170	
Antenna Beam Tilt (Degrees Electrical) 1	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 110.0 330.0	**Maximum Effective Radiated Power (Average)** 1000 kW 30.00 DBK
Height of Radiated Center Above Ground (Meters) 83	**Height of Radiated Center Above Mean Sea Level (Meters)** 875.0
Height of Radiated Center Above Average Terrain (Meters) 507	**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.