

# Federal Communications Commission

## SHARED TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

**Licensee/Permittee**

KQED INC.  
2601 MARIPOSA STREET  
SAN FRANCISCO, CA, 94110

Call Sign	File Number
KQEH	0000035122

**Facility ID:** 35663**NTSC TSID:** 382**Digital TSID:** 383**This Permit Modifies License File No.:** BLEDT-20120405ACT

<b>Grant Date</b> 11/14/2017		<b>Expiration Date</b> 01/23/2018	
<b>Hours of Operation</b> Unlimited			
<b>Station Location</b>  <b>City</b> SAN JOSE <b>State</b> CA		<b>Frequency (MHz)</b> 566.0 - 572.0	<b>Station Channel</b> 30
<b>Facility Type</b> Noncommercial Educational		<b>Shared Station(s)</b>  <b>Facility ID:</b> 35500 <b>Call Sign:</b> KQED	

<b>Antenna Structure Registration Number</b> 1001289	
<b>Transmitter</b> Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	<b>Transmitter Output Power(kW)</b> As required to achieve authorized ERP.
<b>Antenna Coordinates</b> <b>Latitude</b> 37-45-19.0 N <b>Longitude</b> 122-27-10.0 W	<b>Antenna Type</b> Directional
<b>Description of Antenna</b>  <b>Make</b> DIE <b>Model</b> TUM20-C5SP-14/60H-2-R-T	

<b>Antenna Beam Tilt (Degrees Electrical)</b> 0.75	<b>Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)</b> Not Applicable
<b>Major Lobe Directions</b> 50.0	<b>Maximum Effective Radiated Power (Average)</b> 1000 kW 30.00 DBK
<b>Height of Radiated Center Above Ground (Meters)</b> 288.4	<b>Height of Radiated Center Above Mean Sea Level (Meters)</b> 542.6
<b>Height of Radiated Center Above Average Terrain (Meters)</b> 511.7	<b>Overall Height of Antenna Structure Above Ground (Meters)</b> 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.