



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**TELEVISION BROADCAST STATION**  
**CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

HAWAII PUBLIC TELEVISION FOUNDATION  
DBA PBS HAWAII  
PO BOX 29805  
HONOLULU HI 96820

Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

Facility Id: 26431

Grant Date: November 25, 2008

Analog TSID: 848

Digital TSID: 849

This permit expires 3:00 a.m.  
local time, August 18, 2009.

Call Sign: KHET

Permit File Number: BMPEDT-20080620AMZ

This Permit Modifies Permit No.: BPEDT-20080401AZJ

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.

Name of Permittee: HAWAII PUBLIC TELEVISION FOUNDATION

Station Location: HI-HONOLULU

Frequency (MHz): 198 - 204

Channel: 11

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: DIE, THA-BP3SP-1H/3HD-1

Beam Tilt: 0 Degrees Electrical

Major lobe directions                   110           295  
(degrees true):

Antenna Coordinates: North Latitude:     21 deg   24 min   03 sec

  West Longitude:   158 deg   06 min   10 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average):        15.7 kW  
  12 DBK

Height of radiation center above ground:                 45.7 Meters

Height of radiation center above mean sea level: 801.6 Meters

Height of radiation center above average terrain: 625 Meters

Antenna structure registration number: 1007114

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 The authority granted herein is subject to the condition that the field strength produced by the permitted/licensed facility shall not exceed 68 mV/m as measured at the Federal Communications Commission's Waipahu, Hawaii monitoring station. In the event that this limitation is exceeded, or if interference occurs to the monitoring, direction finding, or related operations of the Federal Communications Commission's Waipahu, Hawaii monitoring station, including interference from intermodulation or spurious emissions, the permittee/licensee shall take such immediate corrective action as is necessary to eliminate the interference. This shall include responsibility for furnishing, installing and adjusting transmitter filter circuits, shielding, or other corrective devices. If these measures fail to eliminate interference to FCC operations caused by the presence of the permittee/licensee's signal, or if the field intensity exceeds 68 mV/m, the permittee/licensee shall immediately reduce power to the extent necessary to eliminate the interference and/or comply with field strength limit. After determining this lower power level, the permittee/licensee shall immediately apply for a Special Temporary Authority (STA) and shall file an application to the Commission for the altered parameters.

## Special operating conditions or restrictions:

- 2 The grant of this construction permit is subject to the condition that, with ample time before commencing operation, you make a good faith effort to identify and notify health care facilities (e.g., hospitals, nursing homes, see 47 CFR 15.242(a)(1)) within your service area potentially affected by your DTV operations. Contact with state and/or local hospital associations and local governmental health care licensing authorities may prove helpful in this process. During this pre-broadcast period, you must provide all notified entities with relevant technical details of your operation, such as DTV channel, targeted on-air date, effective radiated power, antenna location, and antenna height. You are required to place in the station's public inspection file documentation of the notifications and contacts made and you may not commence operations until good faith efforts have been made to notify affected health care facilities. During this pre-broadcast period and for up to twenty (20) days after commencing operations, should you become aware of any instances of medical devices malfunctioning or that such devices are likely to malfunction due to your DTV operations, you must cooperate with the health care facility so that it is afforded a reasonable opportunity to resolve the interference problem. At such time as all provisions of this condition have been fulfilled, and either upon the expiration of twenty (20) days following commencement of operations or when all known interference problems have been resolved, whichever is later, this condition lapses.
  
- 3 This is to notify you that the grant of this construction permit is subject to the condition that this facility can not commence operation prior to midnight of February 17, 2009, or by such other date as the Commission may establish in the future, without prior approval from the Commission.

\*\*\* END OF AUTHORIZATION \*\*\*