Federal Communications Commission

DISTRIBUTED TRANSMISSION SYSTEM CONSTRUCTION PERMIT

Licensee/Permittee
KAILUA TELEVISION, LLC
PO Box 8969
HONOLULU, HI, 96810

Call Sign	File Number
KKAI	0000129458

Facility ID: 83180
NTSC TSID: 8078
Digital TSID: 8079
This Permit Modifies License File No. 0000122853

Grant Date 05/13/2021		**Expiration Date** 06/28/2021
Hours of Operation Unlimited		
Station Location **City** KAILUA **State** HI	**Frequency (MHz)** 560.0 - 566.0	**Station Channel** 29
Antenna Reference Coordinates **Latitude 9999** 21-25-19.6 N **Longitude** 157-45-27.1 W		**Facility Type** Commercial

DTS Site Number:1

Antenna Structure Registration Number 1246610	
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** 21-25-19.6 N **Longitude** 157-45-27.1 W	**Antenna Type** Directional

Description of Antenna **Make** Aldena **Model** US-Peanut	
Antenna Beam Tilt (Degrees Electrical) Not Applicable	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 0.0	**Maximum Effective Radiated Power (Average)** 40.0 kW 16.02 DBK
Height of Radiated Center Above Ground (Meters) 25.9	**Height of Radiated Center Above Mean Sea Level (Meters)** 167.6
Height of Radiated Center Above Average Terrain (Meters) 373	**Overall Height of Antenna Structure Above Ground (Meters)** See the registration for this antenna structure.

DTS Site Number:2

Antenna Structure Registration Number	
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** 21-24-11.0 N **Longitude** 158-05-52.4 W	**Antenna Type** Directional
Description of Antenna **Make** Aldena **Model** 6-Bay Very Narrow Cardioid	
Antenna Beam Tilt (Degrees Electrical) Not Applicable	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 100.0	**Maximum Effective Radiated Power (Average)** 29.6 kW 14.71 DBK
Height of Radiated Center Above Ground (Meters) 17.0	**Height of Radiated Center Above Mean Sea Level (Meters)** 839.3
Height of Radiated Center Above Average Terrain (Meters) 687.5	**Overall Height of Antenna Structure Above Ground (Meters)** 20.4

Waivers/Special Conditions

- 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 stations 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.
- The authority granted herein is subject to the condition that the field strength produced by the permitted /licensed facility shall not exceed 89 mV/rn 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 89 mV/rn, 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.

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.