

Federal Communications Commission

DISTRIBUTED TRANSMISSION SYSTEM LICENSE

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

Call Sign	File Number
KKAI	0000157950

Facility ID: 83180
NTSC TSID: 8078
Digital TSID: 8079
This License Covers Construction Permit No. 0000129458

Grant Date 08/30/2021	Expiration Date 02/01/2023	
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 0.0 180.0	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 license expiration date provided herein is tolled pursuant to 47 U.S.C. §307(C)(3) pending a final decision on the stations license renewal application. Furthermore, this license is subject to any action taken by the Commission on the renewal application.

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.

