



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE
AUXILIARY ANTENNA

Authorizing Official:

Official Mailing Address:

SM-KPHW, LLC
2700 CORPORATE DRIVE
SUITE 115
BIRMINGHAM AL 35242

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

Facility Id: 27424

Call Sign: KPHW

License File Number: BXLH-20170124ABB

Grant Date: March 06, 2017

This license expires 3:00 a.m.
local time, February 01, 2022.

This license covers Permit No.: BXPB-20140220ABH

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: KPHW

License No.: BXLH-20170124ABB

Name of Licensee: SM-KPHW, LLC

Station Location: HI-KANEOHE

Frequency (MHz): 104.3

Channel: 282

Class: C

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: 3.3 kW

Antenna type: Directional

Description: SHI 6014-14/1-DA, 14 sections, 0.9 wavelength spaced

Antenna Coordinates: North Latitude: 21 deg 23 min 51 sec

West Longitude: 158 deg 06 min 01 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	81
Height of radiation center above ground (Meters):	41	41
Height of radiation center above mean sea level (Meters):	742	742
Height of radiation center above average terrain (Meters):	599	599

Antenna structure registration number: 1031769

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 permittee/licensee, in coordination with other users of the site, must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of the FCC guidelines.

Special operating conditions or restrictions:

- 2 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by Construction Permit BXPB-20140220ABH.

A relative field strength of 1.0 on the composite radiation pattern authorized by Construction Permit BXPB-20140220ABH corresponds to the following effective radiated power:

100 kilowatts

Principal minimum and its associated field strength limit:

270 degrees True: 2.21 kilowatts

- 3 The authority granted herein is subject to the condition that the field strength produced by the permitted/licensed facility shall not exceed 27 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, 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 27 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.

*** END OF AUTHORIZATION ***