



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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

Brian J. Butler  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 27424

Call Sign: KPHW

License File Number: BLH-19971010KG

Grant Date: July 26, 1999

This license expires 3:00 a.m.  
local time, February 01, 2006.

This license covers Permit No.: BPH-850712RG,  
as last modified by Permit No.: BMPH-940314II,  
as last extended by Permit No.: BMPH-970912JE.

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.

Name of Licensee: SM-KPHW, LLC

Station Location: HI-KANEOHE

Frequency (MHz): 104.3

Channel: 282

Class: C

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Non-Directional

Description:

Antenna Coordinates: North Latitude: 21 deg 19 min 49 sec  
West Longitude: 157 deg 45 min 24 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	74	74
Maximum effective radiated power (kW):	75	75
Height of radiation center above ground (Meters):	27	27
Height of radiation center above mean sea level (Meters):	771	771
Height of radiation center above average terrain (Meters):	645	645
Antenna structure registration number: Not Required		
Overall height of antenna structure above ground: 35 Meters		

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

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 FCC guidelines.

## Special operating conditions or restrictions:

- 2 The authority granted herein is subject to the condition that the field intensity from the licensee's transmitter shall not exceed 27 mV/m as measured at the Federal Communications Commission's Honolulu, Hawaii Office. In the event of interference to monitoring, direction finding, or related operations at the Federal Communications Commission's Honolulu, Hawaii Office caused by either harmonic or spurious radiation, the 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 measurements fail to eliminate interference to FCC operations caused by the presence of the licensee's signal, or if the field intensity exceeds 27 mV/m, the licensee shall immediately reduce power to the extent necessary to eliminate the interference and to comply with field limit. After determining this lower power level, the licensee shall immediately apply for a Special Temporary Authority (STA) and shall file an application to the Commission for the altered parameters.
- 3 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

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