

Certification of Spurious Emissions
KHEI-FM
Construction Permit BMPH-20080626ABE

A new 3 Bay, $\frac{1}{2}$ wavelength spaced transmitting antenna were installed at this site, as is specified in construction permit, BMPH-20080626ABE. A New KHEI-FM transmitter was installed and placed into service and operated at its authorized operating power levels.

This site was designed as a multi-use broadcast site. 2 Broadcast stations share a different 3 Bay transmitting antennas, through a combiner. KDLX and KAOI-FM share facilities. Both Stations were operating at their nominal power levels.

Measurements were made using a Hewlett Packard Model 8591E Spectrum Analyzer; this instrument covers the frequency of 9 KHz thru 1.8 GHz. No spurious emissions were noted; any out of band emission exceeded 80-db levels below the fundamental frequency. No spurious mix products were noted.

All licensed transmitters at the site were operating at their normal power levels.

The above stated measurements were preformed by Byron L. McCann. This Certification states a true and accurate representation of the RF levels and conditions as stated in the under lying construction permit, are fully complied with, at the Haleakala Ranch Site.

Respectfully Submitted,

April 14, 2009

A handwritten signature in black ink, appearing to read 'Byron L. McCann', with a long horizontal flourish extending to the right.

Byron L. McCann
McCann & Associates, Inc.
Honolulu, Hawaii