



ENGINEERING EXHIBIT
DETAILING PUBLIC INTEREST BENEFITS

KJPN is licensed to operate on 1170 kHz with a power of 5.0 kW with a non-directional antenna.

It is proposed to change frequency from 1170 kHz to 1180 kHz. No other changes are proposed.

The instant application is being filed mutually contingent with an application to relocate the KCBQ, 1170 kHz, San Diego, California antenna system approximately 8.6 kilometers northeast of the licensed site. KCBQ proposes to operate at a power of 50 kW during daytime and 2.9 kW during nighttime hours. Grant of both applications would eliminate the nighttime interference issue with respect to KCBQ. Grant of both applications would result in an additional 287,456 persons receiving a nighttime interference-free signal from KCBQ and, in addition, result in an increase in the area of the City of San Diego served by the KCBQ nighttime interference-free signal level from 53.9% of the city to 72.9% of the city. In addition, grant of both applications would reduce the nighttime interference-free signal level of KJPN from 1.96 mV/m to 1.57 mV/m and would result in an additional 29,754 persons receiving a nighttime interference-free signal from KJPN.