

TELECOMMUNICATIONS ENGINEERING
GRAY FRIERSON HAERTIG & ASSOC.
4646 S.W. COUNCIL CREST DRIVE
PORTLAND, OREGON 97239
503-282-2989 (Office)
503-807-2989 (Cell)

ELECTRONIC MAIL
gfh@haertig.com

9 September 2022

Prepared for Radio Bilingue
KSJV, Fresno, California

Request for Special Temporary Authority

The applicant requests Special Temporary Authority to operate at variance with the terms of its license while it reconstructs its tower and antenna system, which were damaged in a wildfire.

The public's interest will be furthered by permitting KSJV to remain on the air, serving the public and providing emergency notifications, while its antenna system is being rebuilt.

The applicant proposes to operate at 400 Watts ERP from a temporary 30-foot mast immediately adjacent to its main antenna support structure. The applicant expects to return to its licensed facility no later than 30 October 2022.

The proposed facilities are:

36° 38' 14.8" N. Lat.

118° 56' 38.3" W. Long.

Site Elevation – 1,561 meters

Radiation Center Above Ground – 6 meters

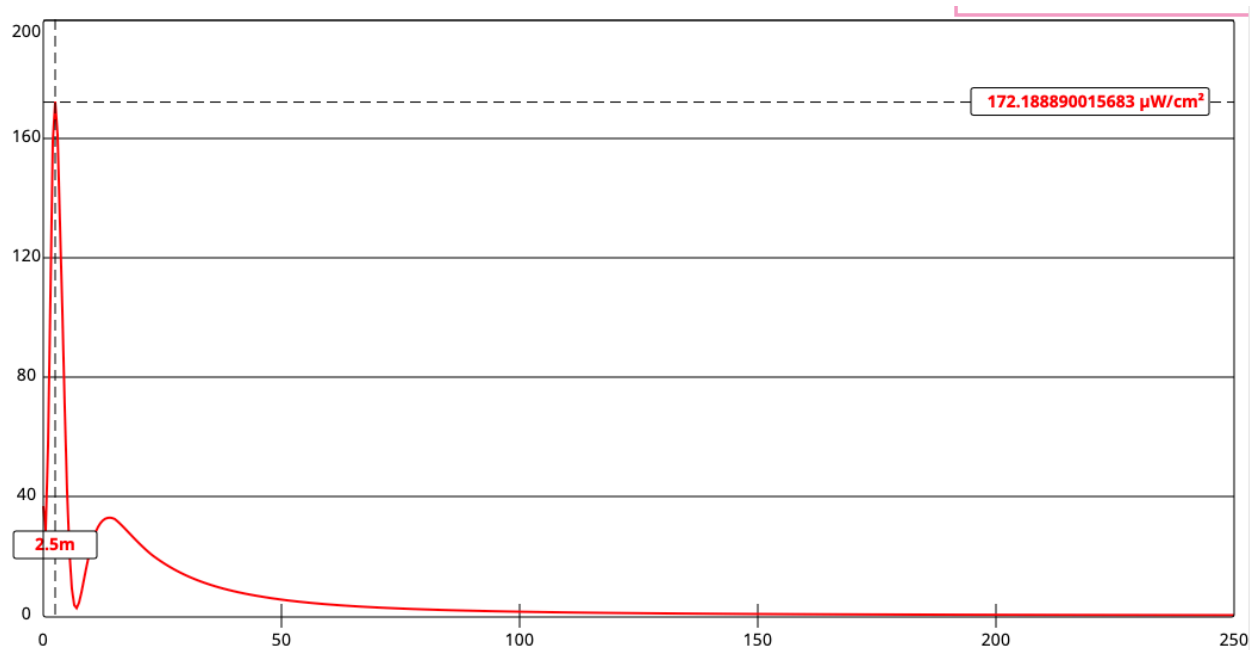
Radiation Center Above Mean Sea Level – 1,567 meters

Height Above Average Terrain – 234 meters

Channel – 218

Power – 0.4 KW ERP, V-Pol only

Antenna – Bext TFLBDI-2; 2 elements; 1 wavelength spacing



Radiofrequency Power Density vs Distance