

TECHNICAL STATEMENT
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
FM BROADCAST STATION KSOF (STA)
DINUBA, CALIFORNIA
CHANNEL 255B

This Technical Statement was prepared on behalf of IHM Licenses, LLC, licensee of FM Broadcast Station KSOF, Dinuba, California, in support of a request for Special Temporary Authority (STA).

In early October 2021, the “KNP Complex” wildfire destroyed the KSOF transmitter site at the “Eshom Point Communications Site,” which is located in the Sierra National Forest approximately 75 km east of Fresno, CA. The KSOF transmitter building and equipment were destroyed. The nearby tower of sister station, KSFO-FM, remained standing and in a condition to permit usage. This tower will be used to support the temporary antenna of KSOF.

The KSOF STA facility will employ a Bext model TFL3Y transmitting antenna, with a maximum directional effective radiated power of 7.5 kW (vertical polarization only). The antenna will be mounted on the KSOF tower at a height of 20 m AGL. As indicated in the accompanying Predicted Coverage Contours exhibit, the predicted 60 dBu service contour of the KSOF STA facility will not exceed that of the KSOF main facility in any direction.

STA operations are expected to continue for at least six months until the facility can be re-built and restored to full operational capacity.



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