

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

XD FX MO
(Class of Station)

WH2XKA
(Call Sign)

0566-EX-CR-2026
(File Number)

NAME Qualcomm Technologies, Inc

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 and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) SAN DIEGO (SAN DIEGO), CA - NL 32-53-46; WL 117-11-44
- (2) SAN DIEGO (SAN DIEGO), CA - NL 32-53-43; WL 117-11-42
- (3) MOBILE: SAN DIEGO, CA, within 0.2 km, centered around NL 32-53-43; WL 117-11-42

Frequency Information

SAN DIEGO (SAN DIEGO), CA - NL 32-53-46; WL 117-11-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-30 GHz	FX	850MG7D	192 W (ERP)	

SAN DIEGO (SAN DIEGO), CA - NL 32-53-43; WL 117-11-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-30 GHz	FX	850MG7D	192 W (ERP)	

This authorization effective October 01, 2026 and
will expire 3:00 A.M. ET October 01, 2028

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Frequency Information

MOBILE: SAN DIEGO, CA, within 0.2 km, centered around NL 32-53-43; WL 117-11-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-30 GHz	MO	850MG7D	0.192 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) Licensee shall secure consents from the Upper Microwave Flexible Use Service licensees in the proposed area prior to accessing to the frequency range from 27.5 GHz to 28.35 GHz.
- (5) Licensee shall coordinate with the Fixed Microwave Service licensees in the proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to conducting experimental operations.