

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WR9XLN

(Call Sign)

XT FX MO

(Class of Station)

0166-EX-ST-2021

(File Number)

NAME Qualcomm Technologies, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Qualcomm is conducting a 5G test in Yuma, Arizona, utilizing the 3GPP Band n66 frequency range 1755-1760 (Uplink) MHz and 2155-2160 MHz (Downlink)

Station Locations

- (1) Yuma (YUMA), AZ - NL 32-40-57; WL 114-34-05; MOBILE: , within 4 km, centered around NL 32-40-57; WL 114-34-05
- (2) Yuma (YUMA), AZ - NL 32-41-24; WL 114-36-30; MOBILE: , within 4 km, centered around NL 32-41-24; WL 114-36-30
- (3) Yuma (YUMA), AZ - NL 32-41-07; WL 114-40-06; MOBILE: , within 4 km, centered around NL 32-41-07; WL 114-40-06
- (4) Yuma (YUMA), AZ - NL 32-42-42; WL 114-39-01; MOBILE: , within 4 km, centered around NL 32-42-42; WL 114-39-01
- (5) Yuma (YUMA), AZ - NL 32-43-18; WL 114-37-18; MOBILE: , within 4 km, centered around NL 32-43-18; WL 114-37-18

Frequency Information

Yuma (YUMA), AZ - NL 32-40-57; WL 114-34-05; MOBILE: , within 4 km, centered around NL 32-40-57; WL 114-34-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1760 MHz	MO	5M00W7W	0.61 W (ERP)	

This authorization effective February 10, 2021 and
will expire 3:00 A.M. EST August 11, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yuma (YUMA), AZ - NL 32-40-57; WL 114-34-05; MOBILE: , within 4 km, centered around NL 32-40-57; WL 114-34-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2155-2160 MHz	FX	5M00W7W	5432 W (ERP)	

Yuma (YUMA), AZ - NL 32-41-24; WL 114-36-30; MOBILE: , within 4 km, centered around NL 32-41-24; WL 114-36-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1760 MHz	MO	5M00W7W	0.61 W (ERP)	
2155-2160 MHz	FX	5M00W7W	5432 W (ERP)	

Yuma (YUMA), AZ - NL 32-41-07; WL 114-40-06; MOBILE: , within 4 km, centered around NL 32-41-07; WL 114-40-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1760 MHz	MO	5M00W7W	0.61 W (ERP)	
2155-2160 MHz	FX	5M00W7W	5432 W (ERP)	

Yuma (YUMA), AZ - NL 32-42-42; WL 114-39-01; MOBILE: , within 4 km, centered around NL 32-42-42; WL 114-39-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1760 MHz	MO	5M00W7W	0.61 W (ERP)	

Frequency Information

Yuma (YUMA), AZ - NL 32-42-42; WL 114-39-01; MOBILE: , within 4 km, centered around NL 32-42-42; WL 114-39-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2155-2160 MHz	FX	5M00W7W	5432 W (ERP)	

Yuma (YUMA), AZ - NL 32-43-18; WL 114-37-18; MOBILE: , within 4 km, centered around NL 32-43-18; WL 114-37-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1760 MHz	MO	5M00W7W	0.61 W (ERP)	
2155-2160 MHz	FX	5M00W7W	5432 W (ERP)	

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.