

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WR9XHV

(Call Sign)

1384-EX-ST-2021

(File Number)

NAME Cellphone-Mate, Inc. dba SureCall

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:

SureCall is investigating the feasibility of using bi-directional repeater technology to extend the reach of 5G New Radio in the FR2 band (39 GHz). The bi-directional amplifier will use the existing

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-46-13; WL 117-09-01
- (2) San Diego (SAN DIEGO), CA - NL 32-46-13; WL 117-09-01

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-46-13; WL 117-09-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37.6-39 GHz	FX	400MG7W	400 W (ERP)	0.001 %
		400MG7W		
		400MG7W		
		400MG7W		
37.6-39 GHz	FX	400MG7W	12 W (ERP)	0.001 %
		400MG7W		
		400MG7W		

This authorization effective September 16, 2021 and
will expire 3:00 A.M. EST March 16, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-46-13; WL 117-09-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37.6-39 GHz	FX	400MG7W	12 W (ERP)	0.001 %

San Diego (SAN DIEGO), CA - NL 32-46-13; WL 117-09-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37.6-39 GHz	FX	400MG7W	400 W (ERP)	0.001 %
		400MG7W		
		400MG7W		
		400MG7W		
37.6-39 GHz	FX	400MG7W	12 W (ERP)	0.001 %
		400MG7W		
		400MG7W		
		400MG7W		

Special Conditions:

- (1) 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.
- (2) Licensee must secure consents from the Upper Microwave Flexible Use Service licensees in the proposed areas prior to accessing to 37.6-39 GHz band.
- (3) Unwanted emission mean power from operation in the 37-40 GHz frequency band shall be limited to -43 dB (W/MHz) and -23 dB(W/GHz) within the 36-37 GHz frequency band and is recommended to be less than -30 dB(W/GHz), in accordance with ITU Resolution 243 (WRC-19).
- (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.