

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XXS

(Call Sign)

1111-EX-ST-2020

(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 (28 GHz). The bi-directional amplifier will use the existing

Station Locations

- (1) Houston (HARRIS), TX - NL 29-45-10; WL 95-21-10
- (2) Houston (HARRIS), TX - NL 29-45-10; WL 95-21-10

Frequency Information

Houston (HARRIS), TX - NL 29-45-10; WL 95-21-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5125-27.9125 GHz	FX	400MG7W	200 W (ERP)	0.001 %
		400MG7W		
		400MG7W		
		400MG7W		
27.5125-27.9125 GHz	FX	400MG7W	12 W (ERP)	0.001 %
		400MG7W		
		400MG7W		

This authorization effective August 24, 2020 and
will expire 3:00 A.M. EST February 20, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Houston (HARRIS), TX - NL 29-45-10; WL 95-21-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5125-27.9125 GHz	FX	400MG7W	12 W (ERP)	0.001 %
27.9375-28.3375 GHz	FX	400MG7W 400MG7W 400MG7W 400MG7W	200 W (ERP)	0.001 %
27.9375-28.3375 GHz	FX	400MG7W 400MG7W 400MG7W 400MG7W	12 W (ERP)	0.001 %

Houston (HARRIS), TX - NL 29-45-10; WL 95-21-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5125-27.9125 GHz	FX	400MG7W 400MG7W 400MG7W 400MG7W	200 W (ERP)	0.001 %
27.5125-27.9125 GHz	FX	400MG7W 400MG7W 400MG7W 400MG7W	12 W (ERP)	0.001 %
27.9375-28.3375 GHz	FX	400MG7W	200 W (ERP)	0.001 %

Frequency Information

Houston (HARRIS), TX - NL 29-45-10; WL 95-21-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.9375-28.3375 GHz	FX	400MG7W 400MG7W 400MG7W	200 W (ERP)	0.001 %
27.9375-28.3375 GHz	FX	400MG7W 400MG7W 400MG7W 400MG7W	12 W (ERP)	0.001 %

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 each proposed area prior to operation in the requested frequency bands.
- (3) Licensee must coordinate with the Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the requested bands.