

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

EXPERIMENTAL

(Nature of Service)

WL9XIM

(Call Sign)

XT FX MO

(Class of Station)

0598-EX-ST-2017

(File Number)

NAME Samsung SEA America

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:

Evaluation of new technologies that are needed to further boost the spectral efficiency of cellular wireless communications networks.

Station Locations

- (1) Herndon (FAIRFAX), VA - NL 38-57-14; WL 77-22-56; MOBILE: , within 3 km, centered around NL 38-57-14; WL 77-22-56
- (2) Herndon (FAIRFAX), VA - NL 38-57-14; WL 77-22-56; MOBILE: , within 3 km, centered around NL 38-57-14; WL 77-22-56

Frequency Information

Herndon (FAIRFAX), VA - NL 38-57-14; WL 77-22-56; MOBILE: , within 3 km, centered around NL 38-57-14; WL 77-22-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	FX	20M0W7W	50.119 W (ERP)	0.001 %
		100MW7W		
		10M0W7W		
		5M00W7W		

This authorization effective June 15, 2017 and
will expire 3:00 A.M. EST December 15, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Herndon (FAIRFAX), VA - NL 38-57-14; WL 77-22-56; MOBILE: , within 3 km, centered around NL 38-57-14; WL 77-22-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	MO	100MW7W	1 W (ERP)	0.001 %
		20M0W7W		
		10M0W7N		
		5M00V7W		

Special Conditions:

- (1) Samsung SEA America must notch out the 3550 - 3650 MHz band due to ongoing operations.
- (2) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (3) Any action taken or expense incurred as a result of operations pursuant to this license is solely at Samsung SEA America's risk.
- (4) Licensee must ensure that the operation will not cause harmful interference to any existing registered stations in the 3700-4200 MHz band, and notify the registered users in the proposed areas.
- (5) All of the experimental devices will be under the control of Samsung SEA America.