Robert Kubik, 1200 New Hampshire Ave, N.W. #650, Washington, DC 20036,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WJ9XHO
(Nature of Service)	(Call Sign)
XT FX MO	1703-EX-ST-2017
(Class of Station)	(File Number)

NAME Samsung Electronics America, 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:
The purpose of the proposed operations is to conduct a market trial of new communications equipment systems compliant with Part 5, Subpart H, Rule 5.602.

Station Locations

(1) Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-05; MOBILE: , within 0.3 km, centered around NL 36-07-54; WL 115-09-05
(2) Las Vegas (CLARK), NV - NL 36-06-32; WL 115-09-15; MOBILE: , within 0.2 km, centered around NL 36-06-32; WL 115-09-15

Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-05; MOBILE: , within 0.3 km, centered around NL 36-07-54; WL 115-09-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.525-28.325 GHz	FX		630.95 W (ERP)	
		800MG7W		
		800MW7W		
		800MW7W		
		800MK1W		
27.525-28.325 GHz	MO		19.95 W (ERP)	
		800MG7W		

This authorization effective January 02, 2018 and will expire 3:00 A.M. EST January 15, 2018

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

Las Vegas (CLARK), NV - NL 36-07-54; WL 115-09-05; MOBILE: , within 0.3 km, centered around NL 36-07-54; WL 115-09-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.525-28.325 GHz	MO		19.95 W (ERP)	
		800MW7W		
		800MW7W		
		800MK1W		

Las Vegas (CLARK), NV - NL 36-06-32; WL 115-09-15; MOBILE: , within 0.2 km, centered around NL 36-06-32; WL 115-09-1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.525-28.325 GHz	FX		630.95 W (ERP)	
		800MG7W		
		800MW7W		
		800MW7W		
		800MW7W		
		800MK1W		
27.525-28.325 GHz	MO		19.95 W (ERP)	
		800MG7W		
		800MW7W		
		800MW7W		
		800MK1W		

Special Conditions:

(1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."

(2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.

(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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

(5) Prior to the start of any operations in the 27.535 - 28.325 GHz band, experimental licensee must notify the National Spectrum Managers Association (NSMA) frequency coordinator by e-mail. This notice must include the name and contact information of the stop buzzer personnel. It must also include the testing parameters, day and times of each testing.

NSMA contact information can be found in the website: http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave.

(6) Experimental fixed stations pointing in the South-West, South or South-East direction are authorized with a maximum antenna elevation of 0 degrees or below from the horizon.

(7) Experimental station shall use the minimum power level necessary to close the communications link to minimize potential interference to geostationary satellite networks.