

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WF2XXE

(Call Sign)

XD FX MO

(Class of Station)

0362-EX-PL-2011

(File Number)

NAME Samsung Telecommunications America

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Richardson (COLLIN), TX - NL 32-59-09; WL 96-42-05; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NL 32-59-09; WL 96-42-05
- (2) Richardson (COLLIN), TX - NL 32-59-13; WL 96-42-04; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NL 32-59-13; WL 96-42-04
- (3) Richardson (COLLIN), TX - NL 32-59-16; WL 96-42-01; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NL 32-59-16; WL 96-42-01

Frequency Information

Richardson (COLLIN), TX - NL 32-59-09; WL 96-42-05; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	FX		1928 W (ERP)	
		850MK1D		
		500MK1D		
		200MK1D		
		850MG7D		
		500MG7D		
		200MG7D		
		850MW7D		
		500MW7D		
		200MW7D		

This authorization effective September 19, 2011 and
will expire 3:00 A.M. EST September 19, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Richardson (COLLIN), TX - NL 32-59-09; WL 96-42-05; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	193 W (ERP)	
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	61 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	193 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D	19.3 W (ERP)	

Frequency Information

Richardson (COLLIN), TX - NL 32-59-09; WL 96-42-05; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	MO	200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	19.3 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	6.1 W (ERP)	

Richardson (COLLIN), TX - NL 32-59-13; WL 96-42-04; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D	1928 W (ERP)	

Frequency Information

Richardson (COLLIN), TX - NL 32-59-13; WL 96-42-04; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	FX	200MW7D	1928 W (ERP)	
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	193 W (ERP)	
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	61 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D	193 W (ERP)	

Frequency Information

Richardson (COLLIN), TX - NL 32-59-13; WL 96-42-04; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	MO	200MW7D	193 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	19.3 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	6.1 W (ERP)	

Richardson (COLLIN), TX - NL 32-59-16; WL 96-42-01; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D	1928 W (ERP)	

Frequency Information

Richardson (COLLIN), TX - NL 32-59-16; WL 96-42-01; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	FX	500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	1928 W (ERP)	
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	193 W (ERP)	
27.925 GHz	FX	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	61 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D	193 W (ERP)	

Frequency Information

Richardson (COLLIN), TX - NL 32-59-16; WL 96-42-01; MOBILE: Richardson (COLLIN), TX, within 1 km, centered around NI

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.925 GHz	MO	850MW7D 500MW7D 200MW7D	193 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	19.3 W (ERP)	
27.925 GHz	MO	850MK1D 500MK1D 200MK1D 850MG7D 500MG7D 200MG7D 850MW7D 500MW7D 200MW7D	6.1 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Operation is subject to prior coordination with affected existing Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).