

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK2XEN

(Call Sign)

0314-EX-CN-2019

(File Number)

NAME Tesla Wireless Company LLC

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(h) of the Commission's Rules

Station Locations

(1) Valpariso (PORTER), IN - NL 41-31-57; WL 87-01-49

Frequency Information

Valpariso (PORTER), IN - NL 41-31-57; WL 87-01-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.765-7 MHz	FX		2.5 MW (ERP)	0.002 %
		12K0D7D		
		24K0D7D		
		48K0D7D		
		12K0F7D		
		24K0F7D		
		48K0F7D		
		12K0G7D		
		24K0G7D		
		48K0G7D		
		12K0R7D		
		24K0R7D		
		48K0R7D		

This authorization effective May 16, 2019 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Valpariso (PORTER), IN - NL 41-31-57; WL 87-01-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.45-8.1 MHz	FX	12K0D7D	2.5 MW (ERP)	0.002 %
		24K0D7D		
		48K0D7D		
		12K0F7D		
		24K0F7D		
		48K0F7D		
		12K0G7D		
		24K0G7D		
		48K0G7D		
		12K0R7D		
		24K0R7D		
		48K0R7D		
10.15-11.175 MHz	FX	12K0D7D	2.5 MW (ERP)	0.002 %
		24K0D7D		
		48K0D7D		
		12K0F7D		
		24K0F7D		
		48K0F7D		
		12K0G7D		
		24K0G7D		
		48K0G7D		
		12K0R7D		
		24K0R7D		
		48K0R7D		
12.1-12.23 MHz	FX	12K0D7D	2.5 MW (ERP)	0.002 %
		24K0D7D		
		48K0D7D		
		12K0F7D		
		24K0F7D		
		48K0F7D		
		12K0G7D		

Frequency Information

Valpariso (PORTER), IN - NL 41-31-57; WL 87-01-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12.1-12.23 MHz	FX	24K0G7D	2.5 MW (ERP)	0.002 %
		48K0G7D		
		12K0R7D		
		24K0R7D		
		48K0R7D		
14.35-14.99 MHz	FX	12K0D7D	2.5 MW (ERP)	0.002 %
		24K0D7D		
		48K0D7D		
		12K0F7D		
		24K0F7D		
		48K0F7D		
		12K0G7D		
		24K0G7D		
		48K0G7D		
		12K0R7D		
		24K0R7D		
		48K0R7D		
16.2-16.36 MHz	FX	12K0D7D	2.5 MW (ERP)	0.002 %
		24K0D7D		
		48K0D7D		
		12K0F7D		
		24K0F7D		
		48K0F7D		
		12K0G7D		
		24K0G7D		
		48K0G7D		
		12K0R7D		
		24K0R7D		
		48K0R7D		

Frequency Information

Valpariso (PORTER), IN - NL 41-31-57; WL 87-01-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
18.17-18.75 MHz	FX	12K0D7D 24K0D7D 48K0D7D 12K0F7D 24K0F7D 48K0F7D 12K0G7D 24K0G7D 48K0G7D 12K0R7D 24K0R7D 48K0R7D	2.5 MW (ERP)	0.002 %
20.01-21 MHz	FX	12K0D7D 24K0D7D 48K0D7D 12K0F7D 24K0F7D 48K0F7D 12K0G7D 24K0G7D 48K0G7D 12K0R7D 24K0R7D 48K0R7D	2.5 MW (ERP)	0.002 %

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The designated point of contact to terminate the system if interference occurs is Kevin J. Babich at 219-386-2001.