

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

EXPERIMENTAL
(Nature of Service)

XC MO
(Class of Station)

WJ2XDQ
(Call Sign)

0601-EX-CR-2021
(File Number)

NAME Camgian Microsystems Corporation

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Starkville, MS, within 6 km, centered around NL 33-28-33; WL 88-47-04
- (2) MOBILE: NOXUBEE, MS, within 5 km, centered around NL 33-16-10; WL 88-47-08
- (3) MOBILE: OKTIBBEHA, MS, within 6 km, centered around NL 33-22-55; WL 88-48-32
- (4) MOBILE: Tuscaloosa, AL, within 1.5 km, centered around NL 33-11-14; WL 87-33-05
- (5) MOBILE: Saint Petersburg, FL, within 1.5 km, centered around NL 27-52-32; WL 82-38-54
- (6) MOBILE: Tuscaloosa, AL, within 1.5 km, centered around NL 33-22-32; WL 87-35-46

Frequency Information

MOBILE: Starkville, MS, within 6 km, centered around NL 33-28-33; WL 88-47-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5925 MHz	MO	275MP0N	18.7 W (ERP)	

This authorization effective January 01, 2022 and
will expire 3:00 A.M. EST January 01, 2024

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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5925 MHz	MO	275MP0N	18.7 W (ERP)	

MOBILE: OKTIBBEHA, MS, within 6 km, centered around NL 33-22-55; WL 88-48-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5925 MHz	MO	275MP0N	18.7 W (ERP)	

MOBILE: Tuscaloosa, AL, within 1.5 km, centered around NL 33-11-14; WL 87-33-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5925 MHz	MO	275MP0N	18.7 W (ERP)	

MOBILE: Saint Petersburg, FL, within 1.5 km, centered around NL 27-52-32; WL 82-38-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5925 MHz	MO	275MP0N	18.7 W (ERP)	

Frequency Information

MOBILE: Tuscaloosa, AL, within 1.5 km, centered around NL 33-22-32; WL 87-35-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5925 MHz	MO	275MP0N	18.7 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is permitted only in the 5650-5925 MHz band.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number W911NF-16-C-0086. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) Experimental licensee must coordinate with the Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.