

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

EXPERIMENTAL
(Nature of Service)

XT FX
(Class of Station)

WG2XDR
(Call Sign)

0296-EX-CR-2019
(File Number)

NAME Enterprise Electronics Corp

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) Enterprise (COFFEE), AL - NL 31-17-32; WL 85-51-31
- (2) Enterprise (COFFEE), AL - NL 31-17-32; WL 85-51-31

Frequency Information

Enterprise (COFFEE), AL - NL 31-17-32; WL 85-51-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2730 MHz	FX	1M00LON 10M0LON 800KLON 12M0LON	26.3 GW (ERP)	0.13 %
2760 MHz	FX	12M0LON 800KLON 10M0LON 1M00LON	26.3 GW (ERP)	0.13 %
2800 MHz	FX	1M00LON	26.3 GW (ERP)	0.13 %

This authorization effective August 01, 2019 and
will expire 3:00 A.M. EST August 01, 2024

**FEDERAL
COMMUNICATIONS
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Frequency Information

Enterprise (COFFEE), AL - NL 31-17-32; WL 85-51-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2800 MHz	FX	10M0L0N 800KL0N 12M0L0N	26.3 GW (ERP)	0.13 %
2860 MHz	FX	1M00L0N 10M0L0N 800KL0N 12M0L0N	26.3 GW (ERP)	0.13 %

Enterprise (COFFEE), AL - NL 31-17-32; WL 85-51-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5300-5600 MHz	FX	800KL0N 10M0L0N 1M00L0N	7.943 MW (ERP)	0.07 %
9300-9400 MHz	FX	10M0L0N 800KL0N 1M00L0N	7.943 MW (ERP)	0.03 %

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Southern Coordinator, Atlanta, GA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Southern Coordinator, Atlanta, GA, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) 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.
- (5) THIS CONDITION APPLIES TO THE OPERATION ON 2730 MHz, 2760 MHz, 2800 MHz, and 2860 MHz.
THE TRANSMISSION DIRECTION IS LIMITED BETWEEN 260 AND 335 DEG
REFERENCE TO TRUE NORTH. ALL OTHER AZIMUTH ANGLES MUST BE
BLANKED.
- (6) DEVELOPMENT AND TESTING OF DOPPLER WEATHER RADAR TO FIND
EARLY DETECTION TECHNIQUE FOR METEOROLOGICAL FORMATION OF
CONVECTIVE AND MESOCYCLONE(TORNADO) WITHIN SOUTHERN REGIONS.
THIS PROJECT IS SUPPORTED BY OKLAHOMA UNIVERSITY. THE
TRANSMISSION DIRECTION IS LIMITED BETWEEN 260 AND 335 DEG
REFERENCE TO TRUE NORTH. ALL OTHER AZIMUTH ANGLES MUST BE
BLANKED.