Kara R. Curtis CBN 179, P.O. Box 6056, 1001 Jack Finney Blvd, Mail Stop , Greenville, TX 75402

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

EXPERIMENTAL	WN9XED
(Nature of Service)	(Call Sign)
XT FX	0013-EX-TC-2019
(Class of Station)	(File Number)

NAME L3 Communications/Integrated Systems

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.

Station Locations

(1) Waco (MCLENNAN), TX - NL 31-38-16; WL 97-04-27

Frequency Information

Waco (MCLENNAN), TX - NL 31-38-16; WL 97-04-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
411-420 MHz	FX	1M25F9W	6.8 W (ERP)	
452.5-457.5 MHz	FX	200KGXW 1M25F9W 1M40F9W	9.5 W (ERP)	
479-484 MHz	FX	1M25F9W	6.8 W (ERP)	
704-716 MHz	FX	1M40F9W	9.5 W (ERP)	

This authorization effective April 25, 2019 and
will expire 3:00 A.M. EST April 26, 2019

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

Waco (MCLENNAN), TX - NL 31-38-16; WL 97-04-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
830-840 MHz	FX		9.5 W (ERP)	
		200KGXW		
		1M25F9W		
		40K0F8W		
		300KG7W		
		1M40F9W		
870-876 MHz	FX		9.5 W (ERP)	
		200KGXW		
		1M25F9W		
		300KG7W		
896-901 MHz	FX		9.5 W (ERP)	
		200KGXW		
		1M25F9W		
		300KG7W		
		1M40F9W		
1427.9-1434 MHz	FX		9.5 W (ERP)	
		200KGXN		
		1M40F9W		
1626.5-1660.5 MHz	FX		9.5 W (ERP)	
		1M40F9W		
1775 MHz	FX		9.5 W (ERP)	
		50K0F9W		
		5M00F9W		
		1M25F9W		
		300KG7W		
		1M40F9W		
1920-1980 MHz	FX		9.5 W (ERP)	
		5M00F9W		

Frequency Information

Waco (MCLENNAN), TX - NL 31-38-16; WL 97-04-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-1980 MHz	FX	1M25F9W 1M40F9W	9.5 W (ERP)	
2010-2020 MHz	FX	1M40F9W	9.5 W (ERP)	
2300-2309 MHz	FX	1M40F9W 5M00W7D	9.5 W (ERP)	
3410-3600 MHz	FX	1M40F9W	3 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) Secure consents from the Advance Wireless Service licensees prior to accessing to 1775 MHz and 2010-2020 MHz band.

(4) Coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 452.5-457.5 MHz and 479-484 MHz bands.

(5) Operation is not permitted in 794.5-798 MHz band.

(6) Prior to commencing any operations, the licensee must obtain consent from the following within 50 miles of the contours of the testing area:
- Paging Service licensees in 454 MHz/459 MHz
- General Aviation Air-Ground Service in 454 MHz/459 MHz
- 700 MHz Lower Band licensees (698-746 MHz)
- Cellular licensees (824-849 MHz/869-894 MHz)
- SMR licensees (896-901 MHz/935-940 MHz)
- B/ILT licensees (896-901 MHz/935-940 MHz)
- 1392-1395 MHz/1432-1435 MHz Band licensees
- Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- WCS (2305-2320 MHz/2345-2360 MHz) licensee (AT&T)

Special Conditions:

(7) L3 Technologies must notch out (+/-12.5 kHz):
412.9375 MHz; 413.1125 MHz;
413.6000 MHz; 414.6625 MHz;
419.0250 MHz.

(8) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.

(9) Operations of the authorized station using the 1626.5-1660.5 MHz frequency band must be in compliance with the coordination agreement between the Licensee and Ligado Networks Subsidiary LLC.

(10) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.