

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XEU

(Call Sign)

0032-EX-TC-2016

(File Number)

NAME Harris CapRock Communications, Inc.

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(e & j) of the Commission's Rules

Station Locations

- (1) Melbourne (BREVARD), FL - NL 28-01-51; WL 80-35-56
- (2) Houston (HARRIS), TX - NL 29-35-54; WL 95-20-50
- (3) Melbourne (BREVARD), FL - NL 28-05-15; WL 80-38-10
- (4) Miramar (BROWARD), FL - NL 25-58-18; WL 80-18-04
- (5) Malabar (BREVARD), FL - NL 27-58-47; WL 80-33-23

Frequency Information

Melbourne (BREVARD), FL - NL 28-01-51; WL 80-35-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	FX	1M00G7D 20M0G7D	409 kW (ERP)	
14000-14500 MHz	FX	1M00G7D 20M0G7D	1.02 MW (ERP)	
27600-28400 MHz	FX	1M00G7D	4.7 MW (ERP)	

This authorization effective December 21, 2016 and
will expire 3:00 A.M. EST February 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Melbourne (BREVARD), FL - NL 28-01-51; WL 80-35-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27600-28400 MHz	FX	40M0G7D	4.7 MW (ERP)	
28600-29100 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	

Houston (HARRIS), TX - NL 29-35-54; WL 95-20-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	FX	1M00G7D 20M0G7D	409 kW (ERP)	
14000-14500 MHz	FX	1M00G7D 20M0G7D	1.02 MW (ERP)	
27600-28400 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	
28600-29100 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	

Frequency Information

Melbourne (BREVARD), FL - NL 28-05-15; WL 80-38-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	FX	1M00G7D 20M0G7D	409 kW (ERP)	
14000-14500 MHz	FX	1M00G7D 20M0G7D	1.02 MW (ERP)	
27600-28400 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	
28600-29100 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	

Miramar (BROWARD), FL - NL 25-58-18; WL 80-18-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	FX	1M00G7D 20M0G7D	409 kW (ERP)	
14000-14500 MHz	FX	1M00G7D 20M0G7D	1.02 MW (ERP)	
27600-28400 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	

Frequency Information

Miramar (BROWARD), FL - NL 25-58-18; WL 80-18-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28600-29100 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	

Malabar (BREVARD), FL - NL 27-58-47; WL 80-33-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	FX	1M00G7D 20M0G7D	409 kW (ERP)	
14000-14500 MHz	FX	1M00G7D 20M0G7D	1.02 MW (ERP)	
27600-28400 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	
28600-29100 MHz	FX	1M00G7D 40M0G7D	4.7 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.

Special Conditions:

- (5) POINTS OF COMMUNICATION: IS-903, IS-701, Galaxy 28, Galaxy 12, Telstar 11N, Telstar 12, Galaxy 25, Eutelsat 115WB, and O3b Satellite Constellation.