

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XUL

(Call Sign)

0529-EX-CR-2017

(File Number)

NAME Broadcast Microwave Services, 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(d,e,f,g) of the Commission's Rules

Station Locations

(1) MOBILE: US, US

Frequency Information

MOBILE: US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1990-2025 MHz	MO	17M0F8W 8M00W7D	1000 W (ERP)	
2450-2500 MHz	MO	17M0F8W 8M00W7D	1000 W (ERP)	
4400-4990 MHz	MO	25M0F8W 8M00W7D	1000 W (ERP)	
5925-7125 MHz	MO	25M0F8W	1000 W (ERP)	

This authorization effective January 01, 2018 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO	8M00W7D	1000 W (ERP)	
10550-10680 MHz	MO	25M0F8W 8M00W7D	20 W (ERP)	
17710-19690 MHz	MO	25M0F8W	50 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (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) In the 10550-10680 MHz band licensee is restricted from operating in the areas listed in Part 101.31(e)(vi).
- (5) Power will not exceed RF output as specified in Rules Parts 21, 74, 78, 90 and 101.
- (6) Operation is subject to prior coordination with Fixed Microwaves and Auxiliary Broadcasting licensees.
- (7) The designated point-of-contact to terminate transmission if interference occurs is Mr. Tom Smith, telephone (858) 391-3050 and Mr. David Van Loucks, telephone (800) 669-9667.
- (8) Upon notification from the FCC, operation on this assignment is subject to immediate cessation if it causes harmful interference to 50 km of Navy assignments.
- (9) Prior to activation, the applicant must coordinate with Air Force and Army within 50 km of the proposed area.
- (10) Operation is subject to coordination with the area frequency coordinator located at White Sands Missile Range, New Mexico, prior to use in the State of New Mexico or other US territory within a 240-km radius of WSMR plus the area of Utah and Colorado that lies South of 41 North and between 108 and 111 West.