

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WC9XNO

(Call Sign)

0134-EX-ST-2006

(File Number)

NAME Microwave Service Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Demonstration of a COFDM transmitter to potential customer.

Station Locations

- (1) MOBILE: Las Vegas, NV. Transmitter and antenna are at Convention Center during NAB Show, within 2 km, centered around NL 36-07-54; WL 115-09-16
- (2) Las Vegas, NV - NL 36-07-54; WL 115-09-16; MOBILE: Las Vegas, NV, in and around the Convention Center, within 4 km, centered around NL 36-07-54; WL 115-09-16

Frequency Information

MOBILE: Las Vegas, NV. Transmitter and antenna are at Convention Center during NAB Show, within 2 km, centered around NL 36-07-54; WL 115-09-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2458.5 MHz	MO	8M00D7W	500 mW (ERP)	0.005 %

This authorization effective April 22, 2006 and
will expire 3:00 A.M. EST May 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Las Vegas, NV - NL 36-07-54; WL 115-09-16; MOBILE: Las Vegas, NV, in and around the Convention Center, within 4 km, c

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2093-2110 MHz	MO	8M00D7W	5 W (ERP)	0.005 %

Special Conditions:

- (1) Due to potential interference to fixed microwave stations within 20 km of the reported geographical coordinates, operation is subject to prior coordination with existing fixed microwave service licensees in accordance with 47 CFR, Part 101.103(d).
- (2) Due to potential interference to auxiliary broadcast stations within 20 km of the reported geographical coordinates, operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (3) Microwave Services Corporation must contact the DoD Area Frequency Coordinator Prior to use. DoD Frequency Coordinator, Nellis AFB, NV. Phone: 702 652 3393.
- (4) Microwave Services Corporation should be aware that the frequency 2458.5 MHz is not on channel with the 802.11b plan, does not follow the normal 22 MHz emission, and exceeds the 100 mW output power as stipulated under IEEE 802.11b.