

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

EXPERIMENTAL

(Nature of Service)

WE9XVU

(Call Sign)

XD FX MO

(Class of Station)

0248-EX-ST-2011

(File Number)

NAME Rohde & Schwarz

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:

This is a proof of concept for the Tetra System. We would like to present a small TETRA system live on air and therefore need licensing from the local authority and / or FCC. The base station that

Station Locations

- (1) Long Beach (LOS ANGELES), CA - NL 33-45-00; WL 118-11-00; MOBILE: Long Beach, CA - Long Beach Convention center, within 0.1 km, centered around NL 33-45-00; WL 118-11-00

Frequency Information

Long Beach (LOS ANGELES), CA - NL 33-45-00; WL 118-11-00; MOBILE: Long Beach, CA - Long Beach Convention center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
415-420 MHz	MO	25K0G7W	600 mW (ERP)	0.003 %
425-430 MHz	FX	25K0G7W	600 mW (ERP)	0.003 %

This authorization effective May 08, 2011 and
will expire 3:00 A.M. EST May 14, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) The following frequencies will be used for the on-line broadcast network during the show as agreed upon by Mr. James Silk from Rohde & Schwarz:

A) 415.475 MHz - Uplink
B) 425.475 MHz - Downlink
- (5) NTIA is approving this use for an exhibit show but has serious concerns about the long term operations. This operation is in the primary federal band 406.1 – 420 MHz which is heavily used by federal agencies for land mobile operations and is not compatible with TETRA.
- (6) The band 420 - 450 MHz is a primary radiolocation band and not land mobile and interference from federal radars to law enforcement would not be advised.
- (7) This system needs to be developed and deployed in a band where it is primary.