

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

EXPERIMENTAL

(Nature of Service)

WK2XNS

(Call Sign)

XT FX MO

(Class of Station)

0823-EX-CN-2019

(File Number)

NAME American Tower Indoor DAS LLC

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) of the Commission's Rules

Station Locations

- (1) Encinitas, CA - NL 33-03-45; WL 117-15-54; MOBILE: Encinitas, CA, within 0.2 km, centered around NL 33-03-45; WL 117-15-54

Frequency Information

Encinitas, CA - NL 33-03-45; WL 117-15-54; MOBILE: Encinitas, CA, within 0.2 km, centered around NL 33-03-45; WL 117-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	MO	20M0W7W	0.61 W (ERP)	0.02 %

Special Conditions:

- (1) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (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.

This authorization effective November 01, 2019 and
will expire 3:00 A.M. EST May 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (6) The frequency band 3550-3650 MHz is not allowed to operate in designated exclusion zones. The requested location falls within the Exclusion Zone defined in the NTIA Fast Track Report (NTIA Technical Report TR-15-517: 3.5 GHz Exclusion Zone Analyses and Methodology).
- (7) Stop Buzzer POC in case interference occurs is Youssef Abdelilah.
Phone: (919) 466-5194
- (8) Non-approved equipment must be labeled.
- (9) Non-approved equipment must be retrieved.
- (10) Licensee shall be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.