

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

EXPERIMENTAL

(Nature of Service)

WM9XRB

(Call Sign)

XT FX MO

(Class of Station)

0709-EX-ST-2018

(File Number)

NAME T-Mobile Licensee LLC

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:

T-Mobile is working with equipment vendors to conduct product testing of new LAA equipment.

Station Locations

- (1) Long Beach, CA - NL 33-48-02; WL 118-10-33; MOBILE: Long Beach, CA, within 5 km, centered around NL 33-48-02; WL 118-10-33
- (2) Long Beach, CA - NL 33-47-09; WL 118-08-53; MOBILE: Long Beach, CA, within 5 km, centered around NL 33-47-09; WL 118-08-53
- (3) Long Beach, CA - NL 33-46-33; WL 118-09-44; MOBILE: Long Beach, CA, within 5 km, centered around NL 33-46-33; WL 118-09-44
- (4) Los Angeles, CA - NL 34-01-48; WL 118-16-06; MOBILE: Los Angeles, CA, within 5 km, centered around NL 34-01-48; WL 118-16-06
- (5) Los Angeles, CA - NL 34-01-43; WL 118-16-15; MOBILE: Los Angeles, CA, within 5 km, centered around NL 34-01-43; WL 118-16-15
- (6) Los Angeles, CA - NL 33-59-51; WL 118-14-59; MOBILE: Los Angeles, CA, within 5 km, centered around NL 33-59-51; WL 118-14-59
- (7) Los Angeles, CA - NL 33-59-51; WL 118-15-07; MOBILE: Los Angeles, CA, within 5 km, centered around NL 33-59-51; WL 118-15-07
- (8) Las Vegas, NV - NL 36-10-15; WL 115-08-27; MOBILE: Las Vegas, NV, within 5 km, centered around NL 36-10-15; WL 115-08-27
- (9) Las Vegas, NV - NL 36-09-50; WL 115-08-43; MOBILE: Las Vegas, NV, within 5 km, centered around NL 36-09-50; WL 115-08-43
- (10) Las Vegas, NV - NL 36-10-00; WL 115-08-16; MOBILE: Las Vegas, NV, within 5 km, centered around NL 36-10-00; WL 115-08-16

This authorization effective May 14, 2018 and
will expire 3:00 A.M. EST November 11, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Long Beach, CA - NL 33-48-02; WL 118-10-33; MOBILE: Long Beach, CA, within 5 km, centered around NL 33-48-02; WL 118

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Long Beach, CA - NL 33-47-09; WL 118-08-53; MOBILE: Long Beach, CA, within 5 km, centered around NL 33-47-09; WL 118

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Long Beach, CA - NL 33-46-33; WL 118-09-44; MOBILE: Long Beach, CA, within 5 km, centered around NL 33-46-33; WL 118

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Frequency Information

Los Angeles, CA - NL 34-01-48; WL 118-16-06; MOBILE: Los Angeles, CA, within 5 km, centered around NL 34-01-48; WL 11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Los Angeles, CA - NL 34-01-43; WL 118-16-15; MOBILE: Los Angeles, CA, within 5 km, centered around NL 34-01-43; WL 11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Los Angeles, CA - NL 33-59-51; WL 118-14-59; MOBILE: Los Angeles, CA, within 5 km, centered around NL 33-59-51; WL 11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Frequency Information

Los Angeles, CA - NL 33-59-51; WL 118-15-07; MOBILE: Los Angeles, CA, within 5 km, centered around NL 33-59-51; WL 11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Las Vegas, NV - NL 36-10-15; WL 115-08-27; MOBILE: Las Vegas, NV, within 5 km, centered around NL 36-10-15; WL 115-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Las Vegas, NV - NL 36-09-50; WL 115-08-43; MOBILE: Las Vegas, NV, within 5 km, centered around NL 36-09-50; WL 115-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

Frequency Information

Las Vegas, NV - NL 36-10-00; WL 115-08-16; MOBILE: Las Vegas, NV, within 5 km, centered around NL 36-10-00; WL 115-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5850 MHz	FX	60M0W7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	60M0W7D	300 mW (ERP)	0.001 %

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) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (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.
- (5) T-Mobile Licensee LLC must not operate in the bands 5150-5250 MHz unless a coordination agreement is made with the Federal Aviation Administration (FAA). No coordination for use in this band exists at the FAA at this time.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (7) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (8) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (9) The market trial will not be renewed.
- (10) Non-approved equipment must be labeled.
- (11) Non-approved equipment must be retrieved.