

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

EXPERIMENTAL

(Nature of Service)

WK9XQE

(Call Sign)

XT FX MO

(Class of Station)

0762-EX-ST-2017

(File Number)

NAME T-Mobile USA, Inc.

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 LTE-U equipment.

Station Locations

- (1) Dallas (DALLAS), TX - NL 32-52-13; WL 96-45-17; MOBILE: , within 2 km, centered around NL 32-52-13; WL 96-45-17
- (2) Dallas (DALLAS), TX - NL 32-52-26; WL 96-45-24; MOBILE: , within 2 km, centered around NL 32-52-26; WL 96-45-24
- (3) Dallas (DALLAS), TX - NL 32-52-16; WL 96-45-35; MOBILE: , within 2 km, centered around NL 32-52-16; WL 96-45-35
- (4) Dallas (DALLAS), TX - NL 32-52-02; WL 96-45-34; MOBILE: , within 2 km, centered around NL 32-52-02; WL 96-45-34
- (5) Dallas (DALLAS), TX - NL 32-52-01; WL 96-45-18; MOBILE: , within 2 km, centered around NL 32-52-01; WL 96-45-18
- (6) Dallas (DALLAS), TX - NL 32-52-03; WL 96-45-02; MOBILE: , within 2 km, centered around NL 32-52-03; WL 96-45-02
- (7) Dallas (DALLAS), TX - NL 32-52-00; WL 96-44-49; MOBILE: , within 2 km, centered around NL 32-52-00; WL 96-44-49
- (8) Largo (PINELLAS), FL - NL 27-53-00; WL 82-43-31; MOBILE: , within 2 km, centered around NL 27-53-00; WL 82-43-31
- (9) Largo (PINELLAS), FL - NL 27-54-05; WL 82-44-23; MOBILE: , within 2 km, centered around NL 27-54-05; WL 82-44-23
- (10) Dallas (DALLAS), TX - NL 32-52-37; WL 96-45-23; MOBILE: , within 2 km, centered around NL 32-52-37; WL 96-45-23

This authorization effective July 06, 2017 and
will expire 3:00 A.M. EST December 29, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (11) Largo (PINELLAS), FL - NL 27-52-44; WL 82-43-32; MOBILE: , within 2 km, centered around NL 27-52-44; WL 82-43-32
- (12) Largo (PINELLAS), FL - NL 27-53-39; WL 82-44-31; MOBILE: , within 2 km, centered around NL 27-53-39; WL 82-44-31
- (13) Largo (PINELLAS), FL - NL 27-53-39; WL 82-44-08; MOBILE: , within 2 km, centered around NL 27-53-39; WL 82-44-08
- (14) Montebello (LOS ANGELES), CA - NL 34-00-29; WL 118-06-18; MOBILE: , within 2 km, centered around NL 34-00-29; WL 118-06-18
- (15) Long Beach (LOS ANGELES), CA - NL 33-48-02; WL 118-10-33; MOBILE: , within 2 km, centered around NL 33-48-02; WL 118-10-33
- (16) Long Beach (LOS ANGELES), CA - NL 33-47-09; WL 118-08-52; MOBILE: , within 2 km, centered around NL 33-47-09; WL 118-08-52
- (17) Brooklyn (KINGS), NY - NL 40-36-36; WL 73-55-11; MOBILE: , within 2 km, centered around NL 40-36-36; WL 73-55-11
- (18) Stone Mountain (DE KALB), GA - NL 33-49-58; WL 84-11-35; MOBILE: , within 2 km, centered around NL 33-49-58; WL 84-11-35
- (19) Alpharetta (FULTON), GA - NL 34-02-18; WL 84-17-42; MOBILE: , within 2 km, centered around NL 34-02-18; WL 84-17-42
- (20) Dearborn (WAYNE), MI - NL 42-18-44; WL 83-13-04; MOBILE: , within 2 km, centered around NL 42-18-44; WL 83-13-04
- (21) Bellevue (KING), WA - NL 47-36-56; WL 122-12-13; MOBILE: , within 2 km, centered around NL 47-36-56; WL 122-12-13
- (22) Las Vegas (CLARK), NV - NL 36-03-50; WL 115-02-24; MOBILE: , within 2 km, centered around NL 36-03-50; WL 115-02-24
- (23) Las Vegas (CLARK), NV - NL 36-14-19; WL 115-09-02; MOBILE: , within 2 km, centered around NL 36-14-19; WL 115-09-02
- (24) Largo (PINELLAS), FL - NL 27-54-22; WL 82-44-44; MOBILE: , within 2 km, centered around NL 27-54-22; WL 82-44-44
- (25) Lynnwood (SNOHOMISH), WA - NL 47-49-48; WL 122-16-22; MOBILE: , within 2 km, centered around NL 47-49-48; WL 122-16-22
- (26) Los Angeles (LOS ANGELES), CA - NL 34-01-22; WL 118-12-26; MOBILE: , within 2 km, centered around NL 34-01-22; WL 118-12-26
- (27) Los Angeles (LOS ANGELES), CA - NL 34-01-28; WL 118-12-40; MOBILE: , within 2 km, centered around NL 34-01-28; WL 118-12-40
- (28) Los Angeles (LOS ANGELES), CA - NL 33-59-12; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-59-12; WL 118-17-53
- (29) Los Angeles (LOS ANGELES), CA - NL 33-58-59; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-58-59; WL 118-17-53
- (30) Los Angeles (LOS ANGELES), CA - NL 33-59-06; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-59-06; WL 118-17-53

Frequency Information

Dallas (DALLAS), TX - NL 32-52-13; WL 96-45-17; MOBILE: , within 2 km, centered around NL 32-52-13; WL 96-45-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Dallas (DALLAS), TX - NL 32-52-26; WL 96-45-24; MOBILE: , within 2 km, centered around NL 32-52-26; WL 96-45-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Dallas (DALLAS), TX - NL 32-52-26; WL 96-45-24; MOBILE: , within 2 km, centered around NL 32-52-26; WL 96-45-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Dallas (DALLAS), TX - NL 32-52-16; WL 96-45-35; MOBILE: , within 2 km, centered around NL 32-52-16; WL 96-45-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Dallas (DALLAS), TX - NL 32-52-02; WL 96-45-34; MOBILE: , within 2 km, centered around NL 32-52-02; WL 96-45-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Dallas (DALLAS), TX - NL 32-52-01; WL 96-45-18; MOBILE: , within 2 km, centered around NL 32-52-01; WL 96-45-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Dallas (DALLAS), TX - NL 32-52-01; WL 96-45-18; MOBILE: , within 2 km, centered around NL 32-52-01; WL 96-45-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Dallas (DALLAS), TX - NL 32-52-03; WL 96-45-02; MOBILE: , within 2 km, centered around NL 32-52-03; WL 96-45-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Dallas (DALLAS), TX - NL 32-52-00; WL 96-44-49; MOBILE: , within 2 km, centered around NL 32-52-00; WL 96-44-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Largo (PINELLAS), FL - NL 27-53-00; WL 82-43-31; MOBILE: , within 2 km, centered around NL 27-53-00; WL 82-43-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Largo (PINELLAS), FL - NL 27-53-00; WL 82-43-31; MOBILE: , within 2 km, centered around NL 27-53-00; WL 82-43-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Largo (PINELLAS), FL - NL 27-54-05; WL 82-44-23; MOBILE: , within 2 km, centered around NL 27-54-05; WL 82-44-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Dallas (DALLAS), TX - NL 32-52-37; WL 96-45-23; MOBILE: , within 2 km, centered around NL 32-52-37; WL 96-45-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Largo (PINELLAS), FL - NL 27-52-44; WL 82-43-32; MOBILE: , within 2 km, centered around NL 27-52-44; WL 82-43-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Largo (PINELLAS), FL - NL 27-52-44; WL 82-43-32; MOBILE: , within 2 km, centered around NL 27-52-44; WL 82-43-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Largo (PINELLAS), FL - NL 27-53-39; WL 82-44-31; MOBILE: , within 2 km, centered around NL 27-53-39; WL 82-44-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Largo (PINELLAS), FL - NL 27-53-39; WL 82-44-08; MOBILE: , within 2 km, centered around NL 27-53-39; WL 82-44-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Montebello (LOS ANGELES), CA - NL 34-00-29; WL 118-06-18; MOBILE: , within 2 km, centered around NL 34-00-29; WL 11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Montebello (LOS ANGELES), CA - NL 34-00-29; WL 118-06-18; MOBILE: , within 2 km, centered around NL 34-00-29; WL 11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Long Beach (LOS ANGELES), CA - NL 33-48-02; WL 118-10-33; MOBILE: , within 2 km, centered around NL 33-48-02; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Long Beach (LOS ANGELES), CA - NL 33-47-09; WL 118-08-52; MOBILE: , within 2 km, centered around NL 33-47-09; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Brooklyn (KINGS), NY - NL 40-36-36; WL 73-55-11; MOBILE: , within 2 km, centered around NL 40-36-36; WL 73-55-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Brooklyn (KINGS), NY - NL 40-36-36; WL 73-55-11; MOBILE: , within 2 km, centered around NL 40-36-36; WL 73-55-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Stone Mountain (DE KALB), GA - NL 33-49-58; WL 84-11-35; MOBILE: , within 2 km, centered around NL 33-49-58; WL 84-11-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Alpharetta (FULTON), GA - NL 34-02-18; WL 84-17-42; MOBILE: , within 2 km, centered around NL 34-02-18; WL 84-17-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Dearborn (WAYNE), MI - NL 42-18-44; WL 83-13-04; MOBILE: , within 2 km, centered around NL 42-18-44; WL 83-13-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Dearborn (WAYNE), MI - NL 42-18-44; WL 83-13-04; MOBILE: , within 2 km, centered around NL 42-18-44; WL 83-13-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Bellevue (KING), WA - NL 47-36-56; WL 122-12-13; MOBILE: , within 2 km, centered around NL 47-36-56; WL 122-12-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Las Vegas (CLARK), NV - NL 36-03-50; WL 115-02-24; MOBILE: , within 2 km, centered around NL 36-03-50; WL 115-02-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Las Vegas (CLARK), NV - NL 36-14-19; WL 115-09-02; MOBILE: , within 2 km, centered around NL 36-14-19; WL 115-09-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Las Vegas (CLARK), NV - NL 36-14-19; WL 115-09-02; MOBILE: , within 2 km, centered around NL 36-14-19; WL 115-09-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Largo (PINELLAS), FL - NL 27-54-22; WL 82-44-44; MOBILE: , within 2 km, centered around NL 27-54-22; WL 82-44-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Lynnwood (SNOHOMISH), WA - NL 47-49-48; WL 122-16-22; MOBILE: , within 2 km, centered around NL 47-49-48; WL 122-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Los Angeles (LOS ANGELES), CA - NL 34-01-22; WL 118-12-26; MOBILE: , within 2 km, centered around NL 34-01-22; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 34-01-22; WL 118-12-26; MOBILE: , within 2 km, centered around NL 34-01-22; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Los Angeles (LOS ANGELES), CA - NL 34-01-28; WL 118-12-40; MOBILE: , within 2 km, centered around NL 34-01-28; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-59-12; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-59-12; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Los Angeles (LOS ANGELES), CA - NL 33-58-59; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-58-59; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-58-59; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-58-59; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Los Angeles (LOS ANGELES), CA - NL 33-59-06; WL 118-17-53; MOBILE: , within 2 km, centered around NL 33-59-06; WL 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	300 mW (ERP)	0.001 %
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5170-5250 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %
5725-5850 MHz	FX	40M0F7D	2.4 W (ERP)	0.001 %
5725-5850 MHz	MO	40M0F7D	300 mW (ERP)	0.001 %

Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (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) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (6) T-Mobile USA must obtain consents from the Advance Wireless Service licensees, if any, in the areas that it does not have licenses for AWS-1 bands prior to operation in 1710-1755 MHz and 2110-2155 MHz bands.
- (7) Operation is NOT PERMITTED using the frequency 5150-5170 MHz.
- (8) Stop Buzzers, David Jones (david.jones@t-mobile.com) and Chris Wieczorek at 202-654-5913.