

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WH2XBD

(Call Sign)

0096-EX-PL-2014

(File Number)

NAME Medtronic Diabetes

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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Northridge, CA., within 80 km, centered around NL 34-15-23; WL 118-31-30
- (2) MOBILE: Renton, WA, within 80 km, centered around NL 47-28-11; WL 122-12-37
- (3) MOBILE: Walnut Creek, CA, within 80 km, centered around NL 37-55-20; WL 122-01-47
- (4) MOBILE: Portland, OR, within 80 km, centered around NL 45-29-57; WL 122-41-17
- (5) MOBILE: San Diego, CA, within 80 km, centered around NL 32-52-30; WL 117-13-55
- (6) MOBILE: Aurora, CO, within 80 km, centered around NL 39-44-32; WL 104-50-21
- (7) MOBILE: Chula Vista, CA, within 80 km, centered around NL 32-37-20; WL 117-04-16
- (8) MOBILE: Boston, MA, within 80 km, centered around NL 42-20-19; WL 71-06-30
- (9) MOBILE: New Haven, CT, within 80 km, centered around NL 41-18-12; WL 72-56-03

Frequency Information

MOBILE: Northridge, CA., within 80 km, centered around NL 34-15-23; WL 118-31-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

This authorization effective April 14, 2014 and
will expire 3:00 A.M. EST April 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Renton, WA, within 80 km, centered around NL 47-28-11; WL 122-12-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

MOBILE: Walnut Creek, CA, within 80 km, centered around NL 37-55-20; WL 122-01-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

MOBILE: Portland, OR, within 80 km, centered around NL 45-29-57; WL 122-41-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

MOBILE: San Diego, CA, within 80 km, centered around NL 32-52-30; WL 117-13-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

Frequency Information

MOBILE: Aurora, CO, within 80 km, centered around NL 39-44-32; WL 104-50-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

MOBILE: Chula Vista, CA, within 80 km, centered around NL 32-37-20; WL 117-04-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

MOBILE: Boston, MA, within 80 km, centered around NL 42-20-19; WL 71-06-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

MOBILE: New Haven, CT, within 80 km, centered around NL 41-18-12; WL 72-56-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2420-2480 MHz	MO	4M00G1D	1 mW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The designated point-of-contact to terminate transmissions if interference occurs is Mr. James Henke, at (818) 576-5677 and (805) 796-6647.

Special Conditions:

- (4) Medtronic Diabetes will be responsible for ensuring that the devices are used in authorized locations and in a manner authorized.
- (5) All of the experimental devices will be under control of Medtronic Diabetes and they will be retrieved by Medtronic Diabetes from the participants upon completion of the experiment.