

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

EXPERIMENTAL

(Nature of Service)

WA8XHN

(Call Sign)

XT MO

(Class of Station)

1550-EX-ST-2026

(File Number)

NAME The Raymond Corporation

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:

The testing will evaluate modified BLE remote and receiver units operating under normal conditions using increased transmit power (+4 dBm) and updated antenna configurations. The

Station Locations

- (1) MOBILE: 620 W 600 N, North Salt Lake, UT 84054, within 0.5 km, centered around NL 40-51-10; WL 111-55-27
- (2) MOBILE: 6600 Gun Clb Rd, Aurora, CO 80019, within 0.5 km, centered around NL 39-49-02; WL 104-42-46
- (3) MOBILE: 17815 Peggy Rd Alachua, FL 32615, within 0.5 km, centered around NL 29-46-07; WL 82-31-55
- (4) MOBILE: 200 N Puente st, Brea, CA 92821, within 0.5 km, centered around NL 33-55-18; WL 117-54-49
- (5) MOBILE: 14001 Highway 70 North Little Rock, AR 72117, within 0.5 km, centered around NL 34-46-17; WL 92-06-29
- (6) MOBILE: 3207 Philpott Rd South Boston, VA 24592, within 0.5 km, centered around NL 36-40-29; WL 78-56-46

Frequency Information

MOBILE: 620 W 600 N, North Salt Lake, UT 84054, within 0.5 km, centered around NL 40-51-10; WL 111-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2483.5 MHz	MO	1M00F1D	3.14 mW (ERP)	

This authorization effective September 07, 2026 and
will expire 3:00 A.M. ET February 08, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 620 W 600 N, North Salt Lake, UT 84054, within 0.5 km, centered around NL 40-51-10; WL 111-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2483.5 MHz	MO	1M00F1D	3.14 mW (ERP)	

MOBILE: 6600 Gun Clb Rd, Aurora, CO 80019, within 0.5 km, centered around NL 39-49-02; WL 104-42-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	1M00F1D	2.57 mW (ERP)	
2402-2483.5 MHz	MO	1M00F1D	3.14 mW (ERP)	

MOBILE: 17815 Peggy Rd Alachua, FL 32615, within 0.5 km, centered around NL 29-46-07; WL 82-31-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	1S00F1D	2.57 mW (ERP)	
2402-2483.5 MHz	MO	1M00F1D	3.14 mW (ERP)	

MOBILE: 200 N Puente st, Brea, CA 92821, within 0.5 km, centered around NL 33-55-18; WL 117-54-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	1M00F1D	2.57 mW (ERP)	

Frequency Information

MOBILE: 200 N Puente st, Brea, CA 92821, within 0.5 km, centered around NL 33-55-18; WL 117-54-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2483.5 MHz	MO	1M00F1D	3.14 mW (ERP)	

MOBILE: 14001 Highway 70 North Little Rock, AR 72117, within 0.5 km, centered around NL 34-46-17; WL 92-06-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	1M00F1D	2.57 mW (ERP)	
2402-2483.5 MHz	MO	1M00F1D	3.14 mW (ERP)	

MOBILE: 3207 Philpott Rd South Boston, VA 24592, within 0.5 km, centered around NL 36-40-29; WL 78-56-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2402-2480 MHz	MO	1M00F1D	2.57 mW (ERP)	
2402-2483.5 MHz	MO	1M00F1D	3.14 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) 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."

Special Conditions:

- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (4) Coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the frequencies from 2450 MHz to 2483.5 MHz.
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.