

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WK9XXH

(Call Sign)

1052-EX-ST-2017

(File Number)

NAME Whisker Labs, 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:**

The purpose of this market trial is to evaluate the functioning and performance of the products through lab test and field tests before mass production.

**Station Locations**

(1) Germantown (MONTGOMERY), MD - NL 39-10-23; WL 77-16-17

**Frequency Information**

Germantown (MONTGOMERY), MD - NL 39-10-23; WL 77-16-17

| Frequency     | Station Class | Emission Designator | Authorized Power        | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|-------------------------|---------------------------|
| 2402-2480 GHz | FX            | GXW                 | 0.004 W (Output Power)  |                           |
| 2402-2480 GHz | FX            | GXW                 | 0.0049 W (Output Power) |                           |
| 2405-2475 GHz | FX            | GXW                 | 0.0412 W (Output Power) |                           |

This authorization effective October 01, 2017 and  
will expire 3:00 A.M. EST January 01, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Germantown (MONTGOMERY), MD - NL 39-10-23; WL 77-16-17

| Frequency     | Station Class | Emission Designator | Authorized Power        | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|-------------------------|---------------------------|
| 2412-2462 GHz | FX            | GXW                 | 0.0308 W (Output Power) |                           |
| 5180-5240 GHz | FX            | GXW                 | 0.0206 W (Output Power) |                           |
| 5260-5320 GHz | FX            | GXW                 | 0.0221 W (Output Power) |                           |
| 5500-5720 GHz | FX            | GXW                 | 0.0222 W (Output Power) |                           |
| 5745-5825 GHz | FX            | GXW                 | 0.01 W (Output Power)   |                           |

## Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) 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.
- (3) 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."
- (4) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.