

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

EXPERIMENTAL

(Nature of Service)

WS9XUK

(Call Sign)

XT      FX

(Class of Station)

1525-EX-ST-2021

(File Number)

NAME JAXON ENGINEERING and MAINTENANCE

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:**

Perform RF field mapping experiments in an outdoor environment to characterize the uniformity and levels of the EM fields emitted from our CWI antenna.

**Station Locations**

(1) Colorado Springs (EL PASO), CO - NL 38-55-01; WL 104-49-12

**Frequency Information**

Colorado Springs (EL PASO), CO - NL 38-55-01; WL 104-49-12

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 0.1-225 MHz   | FX            | 1K00N0N             | 385 W (ERP)      | 0.001 %                   |
| 399.9-608 MHz | FX            | 1K00N0N             | 385 W (ERP)      | 0.001 %                   |
| 614-758 MHz   | FX            | 1K00N0N             | 385 W (ERP)      | 0.001 %                   |

This authorization effective October 15, 2021 and  
will expire 3:00 A.M. EST April 11, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Operation are prohibited on the following frequency bands:  
5900-6200 KHz  
7200-7450 KHz  
9400-9900 KHz  
11600-12100 KHz  
13570-13870 KHz  
15100-15800 KHz  
17480-17900 KHz  
18900-19020 KHz  
21450-21850 KHz  
25670-26100 KHz
- (5) Operation is prohibited on any public safety frequency listed under CFR 47 part 90.20 rules.

## Special Conditions:

(6) JAXON ENGINEERING and MAINTENANCE must notch out the following:

- 190 - 535 kHz
- 2016 kHz (+/- 1.4 kHz)
- 2040 kHz (+/- 1.4 kHz)
- 2054 kHz (+/- 1.4 kHz)
- 2104.9 kHz (+/- 1.4 kHz)
- 2144 kHz (+/- 1.4 kHz)
- 2174.5 kHz (+/- 1.4 kHz)
- 2183.4 kHz (+/- 1.4 kHz)
- 2187.5 kHz (+/- 1.4 kHz)
- 2262.4 kHz (+/- 1.4 kHz)
- 2612 kHz (+/- 1.4 kHz)
- 2639.4 kHz (+/- 1.4 kHz)
- 2660.4 kHz (+/- 1.4 kHz)
- 2668.4 kHz (+/- 1.4 kHz)
- 2671.4 kHz (+/- 1.4 kHz)
- 2674 kHz (+/- 1.4 kHz)
- 2682 kHz (+/- 1.4 kHz)
- 2687.4 kHz (+/- 1.4 kHz)
- 2706 kHz (+/- 1.4 kHz)
- 2739.4 kHz (+/- 1.4 kHz)
- 2850 – 3025 kHz
- 3024.4 kHz (+/- 1.4 kHz)
- 3054.4 kHz (+/- 1.4 kHz)
- 3057.4 kHz (+/- 1.4 kHz)
- 3120.4 kHz (+/- 1.4 kHz)
- 3123.4 kHz (+/- 1.4 kHz)
- 3209 kHz (+/- 1.4 kHz)
- 3216.5 kHz (+/- 1.4 kHz)
- 3389 kHz (+/- 1.4 kHz)
- 3400 – 3500 kHz
- 4126.4 kHz (+/- 1.4 kHz)
- 4147.4 kHz (+/- 1.4 kHz)
- 4150.4 kHz (+/- 1.4 kHz)
- 4177.5 kHz (+/- 1.4 kHz)
- 4207.5 kHz (+/- 1.4 kHz)
- 4210 kHz (+/- 1.4 kHz)
- 4230 kHz (+/- 1.4 kHz)
- 4298 kHz (+/- 1.4 kHz)
- 4337 kHz (+/- 1.4 kHz)
- 4346 kHz (+/- 1.4 kHz)
- 4355.4 kHz (+/- 1.4 kHz)
- 4376.4 kHz (+/- 1.4 kHz)
- 4418.4 kHz (+/- 1.4 kHz)
- 4427.4 kHz (+/- 1.4 kHz)
- 4572.5 kHz (+/- 1.4 kHz)
- 4650 – 4700 kHz
- 4731.4 kHz (+/- 1.4 kHz)
- 4734.4 kHz (+/- 1.4 kHz)
- 4821 kHz (+/- 1.4 kHz)
- 4902 kHz (+/- 1.4 kHz)
- 4965 kHz (+/- 1.4 kHz)

## Special 5108 kHz (+/- 1.4 kHz)

- 5217 kHz (+/- 1.4 kHz)
- 5223 kHz (+/- 1.4 kHz)
- 5266 kHz (+/- 1.4 kHz)
- 5272 kHz (+/- 1.4 kHz)
- 5321.4 kHz (+/- 1.4 kHz)
- 5419.5 kHz (+/- 1.4 kHz)
- 5423.9 kHz (+/- 1.4 kHz)
- 5450 – 5680 kHz
- 5681.4 kHz (+/- 1.4 kHz)
- 5694.4 kHz (+/- 1.4 kHz)
- 5697.4 kHz (+/- 1.4 kHz)
- 5700.4 kHz (+/- 1.4 kHz)
- 5885 kHz (+/- 1.4 kHz)
- 5932.5 kHz (+/- 1.4 kHz)
- 5942.5 kHz (+/- 1.4 kHz)
- 5943.5 kHz (+/- 1.4 kHz)
- 6216.4 kHz (+/- 1.4 kHz)
- 6225.4 kHz (+/- 1.4 kHz)
- 6228.4 kHz (+/- 1.4 kHz)
- 6231.4 kHz (+/- 1.4 kHz)
- 6268 kHz (+/- 1.4 kHz)
- 6312 kHz (+/- 1.4 kHz)
- 6314 kHz (+/- 1.4 kHz)
- 6340.5 kHz (+/- 1.4 kHz)
- 6355 kHz (+/- 1.4 kHz)
- 6383 kHz (+/- 1.4 kHz)
- 6421.5 kHz (+/- 1.4 kHz)
- 6467 kHz (+/- 1.4 kHz)
- 6502.4 kHz (+/- 1.4 kHz)
- 6508.4 kHz (+/- 1.4 kHz)
- 6517.4 kHz (+/- 1.4 kHz)
- 6523.4 kHz (+/- 1.4 kHz)
- 6525 – 6685 kHz
- 6710.4 kHz (+/- 1.4 kHz)
- 6743.4 kHz (+/- 1.4 kHz)
- 6961 kHz (+/- 1.4 kHz)
- 7351.5 kHz (+/- 1.4 kHz)
- 7419.5 kHz (+/- 1.4 kHz)
- 7439 kHz (+/- 1.4 kHz)
- 7577 kHz (+/- 1.4 kHz)
- 7617 kHz (+/- 1.4 kHz)
- 7626 kHz (+/- 1.4 kHz)
- 7630.5 kHz (+/- 1.4 kHz)
- 7669.5 kHz (+/- 1.4 kHz)
- 7713 kHz (+/- 1.4 kHz)
- 7736 kHz (+/- 1.4 kHz)
- 7743 kHz (+/- 1.4 kHz)
- 7747 kHz (+/- 1.4 kHz)
- 7754.5 kHz (+/- 1.4 kHz)
- 7775 kHz (+/- 1.4 kHz)
- 7793 kHz (+/- 1.4 kHz)
- 7821 kHz (+/- 1.4 kHz)

- Speci:
- 7845 kHz (+/- 1.4 kHz)
  - 7884 kHz (+/- 1.4 kHz)
  - 7909 kHz (+/- 1.4 kHz)
  - 8292.4 kHz (+/- 1.4 kHz)
  - 8295.4 kHz (+/- 1.4 kHz)
  - 8298.4 kHz (+/- 1.4 kHz)
  - 8414.5 kHz (+/- 1.4 kHz)
  - 8416.5 kHz (+/- 1.4 kHz)
  - 8459 kHz (+/- 1.4 kHz)
  - 8461 kHz (+/- 1.4 kHz)
  - 8461.5 kHz (+/- 1.4 kHz)
  - 8465 kHz (+/- 1.4 kHz)
  - 8574 kHz (+/- 1.4 kHz)
  - 8582 kHz (+/- 1.4 kHz)
  - 8650 kHz (+/- 1.4 kHz)
  - 8682 kHz (+/- 1.4 kHz)
  - 8682 kHz (+/- 1.4 kHz)
  - 8765.4 kHz (+/- 1.4 kHz)
  - 8774.4 kHz (+/- 2 kHz)
  - 8813.4 kHz (+/- 2 kHz)
  - 8815 – 8965 kHz
  - 8981.4 kHz (+/- 1.4 kHz)
  - 8984.4 kHz (+/- 1.4 kHz)
  - 9035.4 kHz (+/- 1.4 kHz)
  - 9038.4 kHz (+/- 1.4 kHz)
  - 9127 kHz (+/- 2 kHz)
  - 9169 kHz (+/- 2 kHz)
  - 9291 kHz (+/- 2 kHz)
  - 9299.5 kHz (+/- 2 kHz)
  - 9332 kHz (+/- 2 kHz)
  - 9373 kHz (+/- 2 kHz)
  - 10005 – 10100 kHz
  - 10168 kHz (+/- 2 kHz)
  - 10297.5 kHz (+/- 2 kHz)
  - 10338.5 kHz (+/- 2 kHz)
  - 10354.5 kHz (+/- 2 kHz)
  - 10378 kHz (+/- 2 kHz)
  - 10540 kHz (+/- 1.4 kHz)
  - 10675 kHz (+/- 2 kHz)
  - 10759 kHz (+/- 2 kHz)
  - 10774 kHz (+/- 1.4 kHz)
  - 10788 kHz (+/- 2 kHz)
  - 10810 kHz (+/- 1.4 kHz)
  - 10929.5 kHz (+/- 2 kHz)
  - 10935.5 kHz (+/- 2 kHz)
  - 11024 kHz (+/- 2 kHz)
  - 11045 kHz (+/- 2 kHz)
  - 11157.5 kHz (+/- 2 kHz)
  - 11165.8 kHz (+/- 2 kHz)
  - 11197.4 kHz (+/- 1.4 kHz)
  - 11200.4 kHz (+/- 1.4 kHz)
  - 11203.4 kHz (+/- 1.4 kHz)
  - 11275 – 11400 kHz

- Speci:
- 11436 kHz (+/- 2 kHz)
  - 12081.5 kHz (+/- 1.4 kHz)
  - 12291.4 kHz (+/- 1.4 kHz)
  - 12354.4 kHz (+/- 1.4 kHz)
  - 12357.4 kHz (+/- 1.4 kHz)
  - 12360.4 kHz (+/- 1.4 kHz)
  - 12363.4 kHz (+/- 1.4 kHz)
  - 12366.4 kHz (+/- 1.4 kHz)
  - 12520 kHz (+/- 1.4 kHz)
  - 12577 kHz (+/- 1.4 kHz)
  - 12579 kHz (+/- 1.4 kHz)
  - 12664.5 kHz (+/- 1.4 kHz)
  - 12714 kHz (+/- 1.4 kHz)
  - 12730 kHz (+/- 1.4 kHz)
  - 12743 kHz (+/- 1.4 kHz)
  - 12750 kHz (+/- 1.4 kHz)
  - 12750 kHz (+/- 1.4 kHz)
  - 12786 kHz (+/- 1.4 kHz)
  - 12889.5 kHz (+/- 1.4 kHz)
  - 13090.4 kHz (+/- 1.4 kHz)
  - 13114.4 kHz (+/- 1.4 kHz)
  - 13141.4 kHz (+/- 1.4 kHz)
  - 13219.4 kHz (+/- 1.4 kHz)
  - 13222.4 kHz (+/- 1.4 kHz)
  - 13260 – 13360 kHz
  - 13496 kHz (+/- 1.4 kHz)
  - 14428.5 kHz (+/- 1.4 kHz)
  - 14461 kHz (+/- 1.4 kHz)
  - 14953 kHz (+/- 1.4 kHz)
  - 15083.4 kHz (+/- 1.4 kHz)
  - 15086.4 kHz (+/- 1.4 kHz)
  - 15089.4 kHz (+/- 1.4 kHz)
  - 15640.5 kHz (+/- 1.4 kHz)
  - 15656.5 kHz (+/- 1.5 kHz)
  - 16027.5 kHz (+/- 1.4 kHz)
  - 16421.4 kHz (+/- 1.4 kHz)
  - 16529.4 kHz (+/- 1.5 kHz)
  - 16532.4 kHz (+/- 1.5 kHz)
  - 16535.4 kHz (+/- 1.5 kHz)
  - 16538.4 kHz (+/- 1.5 kHz)
  - 16541.4 kHz (+/- 1.5 kHz)
  - 16544.4 kHz (+/- 1.5 kHz)
  - 16547.4 kHz (+/- 1.5 kHz)
  - 16695 kHz (+/- 1.4 kHz)
  - 16804.5 kHz (+/- 1.4 kHz)
  - 16806.5 kHz (+/- 1.5 kHz)
  - 16909.7 kHz (+/- 1.5 kHz)
  - 16983.2 kHz (+/- 1.5 kHz)
  - 17146.4 kHz (+/- 1.5 kHz)
  - 17151.2 kHz (+/- 1.5 kHz)
  - 17220.5 kHz (+/- 1.5 kHz)
  - 17258.4 kHz (+/- 1.5 kHz)
  - 17294.4 kHz (+/- 1.5 kHz)
- . . . . .

- Speci:
- 17315.4 kHz (+/- 1.5 kHz)
  - 17900 – 17970 kHz
  - 17989.4 kHz (+/- 1.4 kHz)
  - 17992.4 kHz (+/- 1.4 kHz)
  - 18186.5 kHz (+/- 1.4 kHz)
  - 18189 kHz (+/- 1.5 kHz)
  - 18230 kHz (+/- 1.5 kHz)
  - 18255 kHz (+/- 1.5 kHz)
  - 18283 kHz (+/- 1.5 kHz)
  - 18335 kHz (+/- 1.5 kHz)
  - 18497 kHz (+/- 1.5 kHz)
  - 18650 kHz (+/- 1.5 kHz)
  - 18716 kHz (+/- 1.5 kHz)
  - 18757 kHz (+/- 1.5 kHz)
  - 18826.4 kHz (+/- 1.5 kHz)
  - 18829.4 kHz (+/- 1.5 kHz)
  - 18832.4 kHz (+/- 1.5 kHz)
  - 18835.4 kHz (+/- 1.5 kHz)
  - 18838.4 kHz (+/- 1.5 kHz)
  - 18841.4 kHz (+/- 1.5 kHz)
  - 18844.4 kHz (+/- 1.5 kHz)
  - 19680.5 kHz (+/- 1.5 kHz)
  - 19718.5 kHz (+/- 1.5 kHz)
  - 19721.5 kHz (+/- 1.5 kHz)
  - 19745.5 kHz (+/- 1.5 kHz)
  - 19748.5 kHz (+/- 1.5 kHz)
  - 19780.4 kHz (+/- 1.5 kHz)
  - 19798.4 kHz (+/- 1.5 kHz)
  - 20095 kHz (+/- 1.5 kHz)
  - 20137 kHz (+/- 1.5 kHz)
  - 20247.5 kHz (+/- 1.4 kHz)
  - 20247.5 kHz (+/- 1.4 kHz)
  - 20330 kHz (+/- 1.4 kHz)
  - 20518 kHz (+/- 1.5 kHz)
  - 20639 kHz (+/- 1.5 kHz)
  - 20843 kHz (+/- 1.4 kHz)
  - 20882.5 kHz (+/- 1.4 kHz)
  - 20882.5 kHz (+/- 1.4 kHz)
  - 20985 kHz (+/- 1.4 kHz)
  - 21924 – 22000 kHz
  - 22160.4 kHz (+/- 1.5 kHz)
  - 22163.4 kHz (+/- 1.5 kHz)
  - 22166.4 kHz (+/- 1.5 kHz)
  - 22169.4 kHz (+/- 1.5 kHz)
  - 22172.4 kHz (+/- 1.5 kHz)
  - 22175.4 kHz (+/- 1.5 kHz)
  - 22178.4 kHz (+/- 1.5 kHz)
  - 22376 kHz (+/- 1.5 kHz)
  - 22476 kHz (+/- 1.5 kHz)
  - 22527 kHz (+/- 1.5 kHz)
  - 22545 kHz (+/- 1.5 kHz)
  - 22703.4 kHz (+/- 1.5 kHz)
  - 22841.4 kHz (+/- 1.5 kHz)
  - 22857 kHz (+/- 1.4 kHz)

## Speci:

- 22957 KHz (+/- 1.4 KHz)
- 22981 KHz (+/- 1.4 KHz)
- 23074 KHz (+/- 1.4 KHz)
- 23077 KHz (+/- 1.4 KHz)
- 23091 KHz (+/- 1.4 KHz)
- 23094 KHz (+/- 1.4 KHz)
- 23373 KHz (+/- 1.5 KHz)
- 23515 KHz (+/- 1.5 KHz)
- 23840.5 KHz (+/- 1.4 KHz)
- 23840.5 KHz (+/- 1.4 KHz)
- 24228.5 KHz (+/- 1.4 KHz)
- 24228.5 KHz (+/- 1.4 KHz)
- 24793.5 KHz (+/- 1.4 KHz)
- 24793.5 KHz (+/- 1.4 KHz)
- 24793.5 KHz (+/- 1.4 KHz)
- 25380 KHz (+/- 1.5 KHz)
- 25415.4 KHz (+/- 1.5 KHz)
- 26100.5 KHz (+/- 1.5 KHz)
- 26130 KHz (+/- 1.5 KHz)
- 26582.5 KHz (+/- 1.4 KHz)
- 26640.5 KHz (+/- 1.4 KHz)
- 27590.5 KHz (+/- 1.4 KHz)
- 27920.5 KHz (+/- 1.4 KHz)
- 74.800-75.200 MHz
- 108.000-122.6875 MHz
- 123.1125-123.5875 MHz
- 123.5875-128.8125 MHz
- 132.0125-137.000 MHz
- 156.3 MHz (+/-8 KHz)
- 156.525 MHz (+/-8 KHz)
- 156.6 MHz (+/-8 KHz)
- 156.8 MHz (+/-8 KHz)
- 157.05 MHz (+/-8 KHz)
- 157.075 MHz (+/-8 KHz)
- 157.1 MHz (+/-8 KHz)
- 157.15 MHz (+/-8 KHz)
- 157.175 MHz (+/-8 KHz)
- 161.975 MHz (+/-10 KHz)
- 162.025 MHz (+/-10 KHz)
- 162.325 MHz (+/-5.5 KHz)
- 163.05 MHz (+/-5.5 KHz)
- 163.7125 MHz (+/- 12 KHz)
- 164 MHz (+/- 12 KHz)
- 164.1 MHz (+/- 12 KHz)
- 164.1375 MHz (+/- 12 KHz)
- 164.15 MHz (+/- 12 KHz)
- 164.2 MHz (+/- 12 KHz)
- 164.3625 MHz (+/- 12 KHz)
- 164.7 MHz (+/- 12 KHz)
- 164.8 MHz (+/- 12 KHz)
- 164.9125 MHz (+/- 12 KHz)
- 164.9875 MHz (+/- 12 KHz)
- 165.0875 MHz (+/- 12 KHz)
- 165.225 MHz (+/- 12 KHz)



- Specific: 103.225 MHz (+/- 12 kHz)
- 165.3125 MHz (+/- 5.5 kHz)
  - 166.425 MHz (+/- 12 kHz)
  - 166.5625 MHz (+/- 12 kHz)
  - 166.6625 MHz (+/- 12 kHz)
  - 166.9625 MHz (+/- 12 kHz)
  - 166.9875 MHz (+/- 12 kHz)
  - 167.1375 MHz (+/- 12 kHz)
  - 167.225 MHz (+/- 12 kHz)
  - 167.375 MHz (+/- 12 kHz)
  - 167.9875 MHz (+/- 12 kHz)
  - 168.025 MHz (+/- 12 kHz)
  - 168.125 MHz (+/- 12 kHz)
  - 168.15 MHz (+/- 12 kHz)
  - 168.6125 MHz (+/- 12 kHz)
  - 168.625 MHz (+/- 12 kHz)
  - 168.65 MHz (+/- 12 kHz)
  - 169.125 MHz (+/- 12 kHz)
  - 169.7 MHz (+/- 12 kHz)
  - 169.9 MHz (+/- 12 kHz)
  - 169.95 MHz (+/- 12 kHz)
  - 169.975 MHz (+/- 12 kHz)
  - 170 MHz (+/- 12 kHz)
  - 170.475 MHz (+/- 12 kHz)
  - 170.5 MHz (+/- 12 kHz)
  - 170.525 MHz (+/- 12 kHz)
  - 170.55 MHz (+/- 12 kHz)
  - 171.1375 MHz (+/- 12 kHz)
  - 171.2625 MHz (+/- 12 kHz)
  - 171.5 MHz (+/- 12 kHz)
  - 172.25 MHz (+/- 12 kHz)
  - 172.325 MHz (+/- 12 kHz)
  - 172.5125 MHz (+/- 12 kHz)
  - 173.625 MHz (+/- 12 kHz)
  - 328.6 - 335.4 MHz
  - 406-406.1 MHz
  - 406.325 MHz (+/- 12 kHz)
  - 406.425 MHz (+/- 12 kHz)
  - 406.525 MHz (+/- 12 kHz)
  - 406.575 MHz (+/- 12 kHz)
  - 408.9875 MHz (+/- 12 kHz)
  - 411.7875 MHz (+/- 5.5 kHz)
  - 412.975 MHz (+/- 5.5 kHz)
  - 413 MHz (+/- 5.5 kHz)
  - 415.325 MHz (+/- 12 kHz)
  - 415.425 MHz (+/- 12 kHz)
  - 415.525 MHz (+/- 12 kHz)
  - 415.575 MHz (+/- 12 kHz)
  - 417.9875 MHz (+/- 12 kHz)
  - 449.75 - 450.25 MHz

**Special Conditions:**

- (7) JAXON ENGINEERING and MAINTENANCE must obtain consent from the following within 50 miles of the contours of the testing area:
- Paging Service licensees in 35 MHz
  - Paging Service licensees in 43 MHz
  - Paging Service licensees in 152 MHz
  - Paging Service licensees in 158 MHz
  - Mobile Service licensees in 152 MHz/158 MHz
  - AMTS Licensee (217-218 MHz/219-220 MHz)
  - 218-219 MHz Service licensees
  - 220-222 MHz Service licensees
  - Mobile Service licensees in 454 MHz/459 MHz
  - General Aviation Air-Ground Service in 454 MHz/459 MHz
  - 700 MHz Lower Band licensees (698-746 MHz)
  - 700 MHz Upper Band licensees (746-758 MHz)
- (8) Licensee must successfully secure consents from the Upper Microwave Flexible Use Service licensees in the proposed area prior to accessing to frequency range from 614 MHz to 698 MHz.
- (9) Licensee must successfully coordinate with Fixed Microwave Service licensees in the proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.
- (10) 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.
- (11) Prior to commencing any operations at the 137-138 MHz, 148-150.05 MHz, 161-163 MHz, and 400.15-401 MHz frequency bands, experimental licensee must notify licensee of ORBCOMM License Corp. (Call signs: E940534, S2103.Mr. Walter H. Sonnenfeldt, Phone Number: 585-461-3018, E-Mail: sonnenfeldt.walter@orbcomm.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (12) Prior to commencing any operations at the 137.025 - 138 MHz and 148.25 - 149.95 MHz frequency bands, experimental licensee must notify licensee of Swarm Technologies, Inc. (Call signs: E190490, S3041. Dr. Sophie Arlow, Phone Number: 425-753-3349, E-Mail: sophie@swarm.space ). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

**Special Conditions:**

- (13) Prior to commencing any operations in the 156.7625-156.7875 MHz and 156.8125-156.8375 MHz frequency bands, experimental licensee must notify licensee of Iridium Constellation LLC (Call sign: S2110. Ms. Maureen C McLaughlin, Phone Number: : 703-287-7518 E-Mail: : maureen.mclaughlin@iridium.com) or Name: Jennifer Hindin, Phone Number: 2027194975 E-Mail: jhindin@wileyrein.com ). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (14) Prior to commencing any operations in the 156.7625-156.7875 MHz and 156.8125-156.8375 MHz frequency bands, experimental licensee must notify licensee of Spire Global, Inc. (Call sign: S S2946. Name: Mrs. Francisca Adeuyi, Phone Number: 4153563400 x307, E-Mail: francisca.adeuyi@spire.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (15) Prior to commencing any operations in the 156.7625-156.7875 MHz and 156.8125-156.8375 MHz frequency bands, experimental licensee must notify licensee of HawkEye 360, Inc. (Call sign: S3042. Name: Mr. Rob Rainhart, Phone Number: 571-203-0360 E-Mail: rob@he360.com or Mr. Michael Mineiro Phone Number: 571-203-0360 E-Mail: michael.mineiro@he360.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (16) The Stop Buzzer POC is Blake Smith at 509-528-4245.