

## Connie Diaz

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**From:** Keith Harper  
**Sent:** Friday, April 17, 2020 1:00 PM  
**To:** Gilbert Gutierrez  
**Cc:** Charles Mathias; Cecilia Sulhoff; Connie Diaz  
**Subject:** Authorization Granted: 5850-5895 MHz Emergency STA Request - Gutierrez-Palmenberg, Inc.  
**Attachments:** GPI\_STA\_Request.PDF

Mr. Gutierrez,

The application for an emergency STA filed by Gutierrez-Palmenberg, Inc. on April 16, 2020 is granted via this email. The applicant will be using the 5850-5895 MHz band to provide relief during the state-of-emergency caused by the spread of COVID-19 throughout the United States. Applicant is advised that it must ensure proper protection of incumbents in the 5850-5895 MHz band and otherwise comply with the conditions described below.

This grant is for a period of 60 days, provided the applicant files a complete FCC Form 601 application for an STA to continue its operations in the 5850-5895 MHz band within 10 days of today's date (April 17, 2020). If applicant fails to file a complete FCC Form 601 application by this date, its STA will terminate at midnight on that date. Applicant's use of the 5850-5895 MHz band is authorized on a non-interference basis and is limited by the conditions described below.

By utilizing the 5850-5895 MHz band pursuant to this STA, the applicant agrees to the following conditions:

- It understands that operations under this STA are subject to the general conditions of operation set forth in Section 15.5 of the Commission's rules (including that its access is non-exclusive and not subject to interference protection). STA recipients with overlapping grants must work together to resolve interference concerns.
- It is responsible for ensuring that it does not cause interference to existing licensees. It must review existing DSRC licenses in this band to determine any nationwide, statewide, or countywide licenses that cover or are adjacent to its service area, as well as any site licenses that are near that service area. It must then contact each of these affected licensees before beginning operation and provide its contact information so that the licensee can inform it of interference issues. It may then begin operation; it need not await a response or approval. If a complaint of interference cannot be timely resolved, operation under this STA must cease. It may not operate within 2 kilometers of any site license, regardless of notification or actual interference.
- It will operate consistent with the power levels in Section 15.407(a)(3) of the Commission's rules.
- It will attenuate emissions at 5895 MHz to a level of -27dBm or less.
- It understands that any emergency STA grant is conditioned on the applicant filing a formal STA application on FCC Form 601 (Radio Service Code QQ) within 10 days of emergency STA grant. As part of that filing, it must provide a phone number which connects directly to a person who is able to immediately resolve any interference concerns arising from its operations pursuant to this STA.
- Upon expiration of this STA, it will cease operating in the 5850-5895 MHz band and retune equipment to operate in compliance with the Commission's equipment certifications; it will confirm with the

Bureau within 14 days of expiration that it has successfully returned all of its devices to be compliant with Commission certifications.

- It understands that operations under this STA shall protect federal radiolocation services operating in the 5850-5895 MHz band and, to afford such protection, operations under this STA are prohibited within 75 kilometers of the locations listed in the table below and any additional sites specified by the Commission after initial grant.
- It understands that any structure utilized to operate pursuant to this STA must comply with the height limitations specified in Section 17.7 of the Commission’s rules or must be registered with the FAA.

The following are federal radiolocation services locations. Operations under this STA are not permitted within 75 kilometers of these locations:

| <b>Location</b>                    | <b>State</b> | <b>Latitude</b> | <b>Longitude</b> |
|------------------------------------|--------------|-----------------|------------------|
| Ft. Rucker                         | AL           | 311947N         | 0854255W         |
| Redstone Arsenal                   | AL           | 343630N         | 0863610W         |
| Ft. Huachuca                       | AZ           | 313500N         | 1102000W         |
| Yuma Proving Grounds               | AZ           | 330114N         | 1141855W         |
| Naval Ocean Systems Center         | CA           | 324500N         | 1171000W         |
| Space and Missile Systems Center   | CA           | 335500N         | 1182200W         |
| Pacific Missile Test Center        | CA           | 340914N         | 1190524W         |
| Vandenberg AFB                     | CA           | 344348N         | 1203436W         |
| Edwards AFB                        | CA           | 345400N         | 1175200W         |
| Ft. Irwin                          | CA           | 351536N         | 1164102W         |
| Ft. Hunter Liggett                 | CA           | 355756N         | 1211404W         |
| Parks Reserve Forces Training Area | CA           | 374254N         | 1214218W         |
| SAN NICOLAS IS                     | CA           | 331447N         | 1193107W         |
| POINT MUGU                         | CA           | 340700N         | 1190900W         |
| VANDENBERG                         | CA           | 343458N         | 1203342W         |
| EDWARDS                            | CA           | 345739N         | 1175442W         |
| PILLAR PT                          | CA           | 372952N         | 1222959W         |
| Ft. Carson                         | CO           | 383810N         | 1044750W         |
| U.S. Air Force Academy             | CO           | 385800N         | 1044900W         |
| Naval Research Laboratory          | DC           | 385500N         | 0770000W         |
| Patrick AFB                        | FL           | 281331N         | 0803607W         |
| Tyndall AFB                        | FL           | 300412N         | 0853436W         |
| Eglin AFB                          | FL           | 302900N         | 0863200W         |
| SADDLEBUNCH                        | FL           | 243851N         | 0813622W         |
| VENICE                             | FL           | 270437N         | 0822703W         |
| MACDILL                            | FL           | 274843N         | 0823217W         |
| ANCLOTE                            | FL           | 281118N         | 0824740W         |
| CAPE SAN BLAS                      | FL           | 294039N         | 0852047W         |
| CARABELLEFIELD                     | FL           | 295038N         | 0843946W         |
| FORT WALTON BEACH                  | FL           | 302453N         | 0863958W         |
| EGLIN                              | FL           | 303047N         | 0863256W         |
| Ft. Stewart                        | GA           | 315145N         | 0813655W         |
| Hunter Army Airfield               | GA           | 320100N         | 0810800W         |

|   |    |         |          |
|---|----|---------|----------|
| Ft. Benning                                   | GA | 322130N | 0845815W |
| Ft. Gordon                                    | GA | 332510N | 0820910W |
| Ft. Gillem                                    | GA | 333600N | 0841900W |
| Ft. Shafter                                   | HI | 211800N | 1574900W |
| Ft. Riley                                     | KS | 385813N | 0965139W |
| Ft. Leavenworth                               | KS | 392115N | 0945500W |
| Ft. Campbell                                  | KY | 363950N | 0872820W |
| Ft. Knox                                      | KY | 375350N | 0855655W |
| Ft. Polk                                      | LA | 310343N | 0931226W |
| Hanscom AFB                                   | MA | 422816N | 0711725W |
| Naval Electronic Systems Engineering Activity | MD | 381000N | 0762300W |
| Mid-Atlantic Area Frequency Coordinator       | MD | 381710N | 0762500W |
| Naval Research Laboratory                     | MD | 383927N | 0763143W |
| Army Research Laboratory                      | MD | 390000N | 0765800W |
| Naval Surface Weapons Center                  | MD | 390205N | 0765900W |
| Aberdeen Proving Ground                       | MD | 392825N | 0760655W |
| PATUXENT RIVER                                | MD | 381749N | 0762235W |
| Ft. Leonard Wood                              | MO | 374430N | 0920737W |
| Ft. Bragg                                     | NC | 350805N | 0790035W |
| Ft. Dix                                       | NJ | 400025N | 0743713W |
| Ft. Monmouth                                  | NJ | 401900N | 0740215W |
| Picatinny Arsenal                             | NJ | 405600N | 0743400W |
| White Sands Missile Range                     | NM | 322246N | 1062813W |
| Holloman AFB                                  | NM | 322510N | 1060601W |
| Kirtland AFB                                  | NM | 350230N | 1063624W |
| WHITESANDS MISSILE RANGE                      | NM | 330000N | 1063000W |
| Nellis AFB                                    | NV | 361410N | 1150245W |
| NEVADA TEST SITE                              | NV | 363942N | 1155957W |
| NV TEST TRAINING RANGE                        | NV | 372460N | 1163000W |
| TONOPAH TEST RANGE                            | NV | 374400N | 1164300W |
| Griffiss AFB                                  | NY | 431315N | 0752431W |
| Ft. Drum                                      | NY | 440115N | 0754844W |
| Wright-Patterson AFB                          | OH | 394656N | 0840539W |
| Ft. Sill                                      | OK | 344024N | 0982352W |
| Naval Air Development Center                  | PA | 401200N | 0750500W |
| Charles E. Kelly Support Facility—Oakdale     | PA | 402357N | 0800925W |
| Arnold AFB                                    | TN | 352250N | 0860202W |
| Brooks AFB                                    | TX | 292000N | 0982600W |
| Ft. Hood                                      | TX | 310830N | 0974550W |
| Ft. Bliss                                     | TX | 314850N | 1062533W |
| Midway Research Center                        | VA | 382640N | 0772650W |
| NORFOLK                                       | VA | 365505N | 0761055W |
| WALLOPS ISLAND                                | VA | 375137N | 0753034W |
| Yakima Firing Center                          | WA | 464018N | 1202135W |
| Ft. Lewis                                     | WA | 470525N | 1223510W |

|           |    |         |          |
|-----------|----|---------|----------|
| Ft. McCoy | WI | 440636N | 0904127W |
| Marinette | WI | 450600N | 0873748W |

Keith D. Harper  
Associate Chief, Mobility Division  
Wireless Telecommunications Bureau  
Federal Communications Commission

April 16, 2020

Gutierrez-Palmenberg, Inc.  
2922 W CLARENDON AVE  
PHOENIX, AZ 85017  
(602)234-0696

Federal Communications Commission  
455 12<sup>TH</sup> STREET SW  
WASHINGTON, DC 20554  
(888)225-5322

RE: STA use of the 5.9GHz Band

Gutierrez-Palmenberg, Inc., a Wireless Internet Service Provider known to our customers as Phoenix Internet, is requesting emergency use of the 5.9GHz band. The reason for this request is a surge of requests for service due to work at home and school from home orders as a result of the COVID-19 Virus. Due to the topographical nature of our community, the area is saturated with 5GHz radio signals and the best we can broadcast are small channels. In order to service this surge, we need to use larger channels and/or additional channels which are not available to us. Emergency authorization to utilize the 5.9GHz band would allow us to service those customers with the larger channels utilizing the same equipment. It would also give us space to deploy additional equipment on a temporary basis until we could engineer a more permanent solution.

FCC Registration Number: 0014176929  
Stop Buzzer: Gilbert Gutierrez (602)369-2603  
Counties Broadcasting (Arizona): Maricopa, Pinal, Gila  
Duration of STA request: 60 Days

Sincerely,

A handwritten signature in black ink, appearing to read 'G. Gutierrez, Jr.', with a stylized flourish at the end.

Gilbert T. Gutierrez, Jr.  
Vice President  
(602)385-0720 (d)  
(602)369-2603 (m)