



HARRIS CORPORATION

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Federal Communications Commission  
Office of Engineering and Technology  
Experimental Licensing Branch  
455 12<sup>th</sup> St., S.W.  
Room 7-A322  
Washington, DC 20554

**Subject: New X-band license for PAR System testing at Orion Plant in Van Nuys, CA.**

Dear OET:

We are requesting a new conventional experimental license using frequency 9003 MHz. This frequency is needed due to a new Harris PAR system that will be stationed at one of the U.S. Naval locations where the Navy currently uses 9003MHz to radiate. This Harris PAR system maintains the same functionality that we have under current active Call Sign WG2XGM. I could send additional attachments regarding functionality of our radar system although it would be identical to data previously received for WG2XGM.

Here at our Orion Plant (7821 Orion Avenue, Van Nuys, CA 91406) test location, the customer requests we test at the 9003 MHz frequency during our Site Acceptance Tests (SAT).

We are fully aware that any testing needs to be coordinated with the FAA Western Area Frequency Coordinator prior to any radiating. Harris will honor all conditions that may be necessary to prevent interference with any existing equipment and are willing to schedule the hours of operation to take place during times of least air traffic in the vicinity.

Harris Corporation requests the frequency operation, which is:

9003 MHz

(520W Output power, 914541.34W ERP power, 36.60 dBi antenna gain)

Orion Plant, 7821 Orion Avenue, Van Nuys, CA 91406

Latitude: 34° 12' 50", Longitude: 118° 28' 15", Elevation: 289 ft. (240.487m)

In conclusion, we are anxious to continue our testing and will answer any questions you may have.

Sincerely,

Forrest Pierson  
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