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Experimental Licensing Branch  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

RE: Experimental Authorization (KA2XHN)

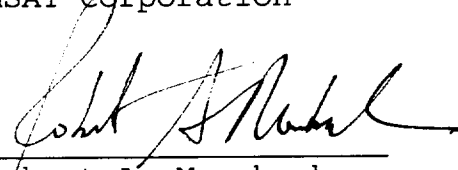
Dear Sir or Madam:

COMSAT Corporation herein submits its report on operations consistent with its KA2XHN experimental authorization.

During the most recent reporting period, COMSAT has continued to use its wideband mobile experimental authorization to determine the overall viability of wideband mobile satellite services in support of the U.S. Navy and other users.

Current and future testing continues to focus on the emergence of inter-related technologies in such fields as emergency telemedicine, the development of enhanced gyroscope stabilizing mechanisms and antenna manufacture. There has been no report of interference into any lawfully operated radio station during the period of experimental authorization.

Respectfully submitted,  
COMSAT Corporation

By   
Robert A. Mansbach  
Its Attorney