



DEPARTMENT OF THE AIR FORCE  
AIR FORCE RESEARCH LABORATORY (AFRL)

22 May 2014

Mr. Nnake Nweke  
Chief, Experimental Licensing Branch  
Office of Engineering and Technology  
Federal Communications Commission  
445 12th Street, NW  
Washington DC 20554

Dear Mr. Nweke,

Johns Hopkins University Applied Physics laboratory (JHU/APL), FRN 004954970, is working under contract HR0011-12-D-0001 on the Defense Advanced Research Projects Agency (DARPA) RF Mapping (RadioMap) program. This program characterizes spectrum usage by determining power spectral density vs frequency in space and time over a specified spectral extent, geographical area and temporal duration.

JHU/APL is applying to your branch for a Special Temporary Authorization for brief low power radio transmissions in the 470-928 MHz band in Arlington County, Virginia to cover the time period July 2014 to November 2014. This license will be used to support testing RadioMap technology. This application is STA File Number 0416-EX-ST-2014.

I certify that this work is needed in support of this military contract and request your timely consideration. For further information, please contact the DARPA Program Manager, Dr John Chapin, [john.chapin@darpa.mil](mailto:john.chapin@darpa.mil), 703-248-1533.

A handwritten signature in black ink, appearing to read "K. A. Turck", is located below the certification text.

Kurt A Turck  
DARPA RadioMap Contracting Organization Representative (COR)  
Networking Technology Branch, AFRL/RITF  
(N) [Kurt.Turck@us.af.mil](mailto:Kurt.Turck@us.af.mil)  
(S) [Kurt.Turck@afmc.af.mil](mailto:Kurt.Turck@afmc.af.mil)  
Ph: (315) 330-4379 [DSN 587]  
BB: (315) 225-0472  
Fax: (315) 330-7137