

Memorandum

To: FCC Communication Office; Mr. T. Serafini, Room #7A163, Phone (202) 418-2456
CC: Program Office
From: Alfred C. Raccio
Date: January 7, 2002
Re: Application for Experimental authorization file number 0214-EX-PL-2001

Good day sir,

In order to perform thermal analysis and testing for thermophysical properties of our new power amplifiers and subsystems, we are requesting that a change from Experimental authorization, file number 0214-EX-PL-2001 classification to temporary site license be granted.

The tests will include low, mid and high output power from all assemblies into free space, in the bands that we stated in the application. In these tests we will monitor and measure both thermophysical properties and RF characteristics i.e. power and frequency analysis.

The on-air test time is estimated to take 1 to 3 weeks over the next 16 to 24 weeks. The tests will run in 2 to 4 day increments with data analysis and reduction accruing between the on-air times. Analysis and reduction of the data will drive total on-air time.

BAE SYSTEMS

Alfred C. Raccio

Principal Systems Engineer
Information Dominance Systems

Information and Electronic Warfare Systems
P.O. Box 868, MER24-116B
Nashua, NH 03061-0868
Tel (603) 885-6813 Fax (603) 885-6355
E-mail alfred.c.raccio@baesystems.com
Facility 144 DW Highway, No., Merrimack, NH 03054

BAE SYSTEMS