



**TELEDYNE
BROWN ENGINEERING, INC.**
A Teledyne Technologies Company

Cummings Research Park
300 Sparkman Drive, NW
P.O. Box 070007
Huntsville, Alabama 35807-7007
256-726-1268

7/6/11

Federal Communications Commission
Office of Engineering and Technology
445 12th Street, SW
Washington, DC 20554

Dear Sir or Ma'am:

Teledyne Brown Engineering is a Department of Defense (DoD) contractor who provides innovative products and services in support of our armed forces. We request confidentiality of our application in accordance with the submitted information required under 47 CFR Part 0.459(b)1-9.

(1) Identification of the specific information for which confidential treatment is sought:

The purpose of our research and the following exhibits should be treated as confidential:
Purpose of Research Letter, Necessary Bandwidth Description, images of the radar

(2) Identification of the Commission proceeding in which the information was submitted or a description of the circumstances giving rise to the submission:

STA File Number: 0086-EX-ST-2011

(3) Explanation of the degree to which the information is commercial or financial, or contains a trade secret or is privileged:

The information contained pertains to operational military equipment. Disclosure of the operational characteristics of this hardware could compromise military operations.

(4) Explanation of the degree to which the information concerns a service that is subject to competition:

The operational hardware information is highly competitive commercially. Other US and foreign based companies that provide hardware for the armed forces around the world are currently researching similar solutions. Teledyne feels that trade secrets could be compromised if the named exhibits were not held in confidence.

(5) Explanation of how disclosure of the information could result in substantial competitive harm:

If other corporations gained insight of our hardware's characteristics, TBE would not be able to recover the large investment we made. Further improvements of this vital hardware for our armed forces depend upon TBE recovering the initial investment.

(6) Identification of any measures taken by the submitting party to prevent unauthorized disclosure:

Teledyne Brown Engineering operates under strict government security regulations and all employees working on this project have Secret or Top Secret clearance from the DoD. Our

facilities are also cleared to store, process, and manufacture classified hardware for both the DoD and the Department of Energy.

(7) Identification of whether the information is available to the public and the extent of any previous disclosure of the information to third parties:

Information on this hardware is strictly managed under International Traffic in Arms Regulations and company proprietary information policies. The intent of our internal research project has been briefed to various programs within the DoD but the information is not subject to the Freedom of Information Act.

(8) Justification of the period during which the submitting party asserts that material should not be available for public disclosure:

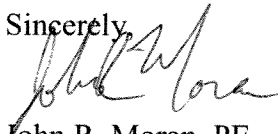
This information should not be made public until the hardware is no longer used by US or allied armed forces.

(9) Any other information that the party seeking confidential treatment believes may be useful in assessing whether its request for confidentiality should be granted:

The main reason this research should remain confidential is so the advisories of the United States cannot start developing techniques to counter this technology. All experimentation with this radar will occur on the 63 acre campus of Teledyne Brown Engineering. A majority of the testing will occur inside our laboratory and high bay test building which is not located within 400 meters of a public road.

Thank you for your consideration of this request. Please feel free to contact me if you need any further information.

Sincerely,



John R. Moran, PE
MIMO Program Manager

7/6/11