

ALPHA INDUSTRIES, INC.

651 Lowell Street • Methuen, MA 01844 • (508) 682-4661 • TWX: 710-321-6434 • FAX: (508) 681-8563

RECEIVED

MAR 16 1993

DOCKET FILE COPY ORIGINAL

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

March 15, 1993

Letter No.: RH:9303:006



Secretary  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Reference: A) CC, Docket No. 92-297  
B) Local Multipoint Distribution Service

MAR 16 1993

FCC MAIL ROOM

Dear Mr. Secretary,

Alpha Industries is a leading manufacturer of advanced technology microwave products for a wide range of commercial and defense applications in the RF through millimeter wave frequency range. Included among these products is an extensive selection of advanced technical ceramics, Gallium Arsenide Monolithic Microwave Integrated Circuits (GaAs MMIC's) and integrated multifunction subsystems.

During the past four years, Alpha has been successful in shifting its reliance from declining defense markets to an increased emphasis on promising commercial sectors. As a result, the company's products are now found in a wide range of applications for the growing telecommunications, cellular telephone, motion detection and sensing systems markets.

One of Alpha's key strategic markets is the Wireless Cable Television System. Alpha is a major subcontractor producing Microwave Receiver & Downconverter systems for Suite 12 / Cellular Vision. This approach, which appropriately operates in the 28 Ghz. range, enables Alpha to employ our proven Microwave expertise above 18 Ghz. Alpha has been working closely with Cellular Vision and it's subscribers. This system is currently providing television viewers with a low cost alternative, while maintaining picture-perfect quality.

Utilizing this technology, with its large production volumes, benefits the U.S. Industrial base. It allows industry to compliment traditional military business markets with commercial applications. The ultimate benefactor, the consumer, benefits from the technology because of its variety of potential uses. Beyond cable TV, these systems can be used for all types of data transmissions, such as phone, computer, interactive communications etc...

If you have any further questions or concerns, please feel free to contact the undersigned at (508)682-4661 extension 344.

Sincerely,  
ALPHA INDUSTRIES, INC.

Roy J. Hebert  
Director of Sales / Marketing

No. of Copies rec'd 0  
List A B C D E