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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

CLARENDON FOUNDATION

December 23, 1993

Federal Communications Commission
2025 M Street, N.W.
Room 7326
Washington, D.C. 20554

Re: Progress Report on Experimental Station KM2XBB

Gentlemen:

Clarendon Foundation is licensed to operate an experimental radio facility in Henderson, Nevada. The purpose of our experiments has been to pinpoint sources of interference to a local wireless cable operator and to help develop filtering equipment to reduce this interference. Originally this license was issued for frequencies from 2554 - 2596 MHz. The license was modified recently for operation on 2644 - 2686 MHz -- the range more frequently affected by the interference.

The source of the interference is radar. Although there are commercial filters which effectively eliminate radar interference, there are no integrated down converter/antennae with such filters built in. We are currently working with two manufacturers to develop an integrated down converter/antenna.

Please contact me should you be interested in further details concerning our activities in this connection.

Very truly yours,



Kemp R. Harshman
President