

ORIGINAL

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February 4, 1994

Mr. H. Franklin Wright, Chief
Frequency Liaison Branch
Spectrum Engineering Division
Office of Engineering and Technology
Federal Communications Commission
Room 7102, 2025 M Street, N.W.
Washington, D.C. 20554

Re: Application for Modification of
Experimental License KO2XD0, File No.
3608-EX-MR-93 to Change Power Limit.

Dear Mr. Wright:

Your office has been most accommodating to our client, Broadcast Sports Technology, relative to experimental operations conducted in the development of new technologies and equipment for video production from automobile race vehicles and at other sporting events. The result of your facilitation has thus far been the development of a new type of video camera/transmitter for automobile racing in-car video production. The device has just received type acceptance from the Commission, and Broadcast Sports Technology is extremely proud of the accomplishment. It is also most appreciative of your critical assistance in the regulatory aspects of the project.

Work under this experimental license continues, however. One minor problem has been the limitation of operation in the current experimental license in the 450-451 MHz and 455-456 MHz bands to 5 watts ERP. Because different antennas, including some Yagi-Uda antennas, are used in the pit areas, due to the need to minimize ignition and other noise in the transmitted audio, it is desirable to specify the power limitation as output, rather than ERP, in those bands.

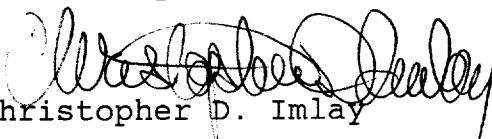
Therefore, the attached modification application is submitted. The only change requested is the specification of authorized power as output, rather than ERP. The ERP will vary slightly, depending on antenna type used, which is variable. In no case will more than 5 watts TPO be utilized.

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This application is filed in Pittsburgh, together with the requisite filing fee in the amount of \$35.00, by check of this office payable to the Commission.

Should any question arise concerning this application, kindly notify the undersigned counsel.

Yours very truly,


Christopher D. Imlay

cc: John Porter