

# RINI, CORAN & LANCELLOTTA, P.C.

Attorneys at Law

Dupont Circle Building  
1350 Connecticut Avenue, N.W.  
Suite 900  
Washington, D.C. 20036

ROBERT J. RINI  
STEPHEN E. CORAN\*  
STEVEN A. LANCELLOTTA  
EVAN D. CARB  
DAVID G. O'NEIL  
SARAH H. EFIRD  
E. LAWRENCE ZOLT

(202) 296-2007  
Fax (202) 429-0551

\*NOT ADMITTED IN D.C.

January 16, 1996

## VIA HAND DELIVERY

William F. Caton, Acting Secretary  
Federal Communications Commission  
1919 M Street, NW Room 222  
Washington, D.C. 205544

Re: Superchannels of Las Vegas, Inc.  
Experimental Station KM2XMV  
Las Vegas, Nevada  
Progress Report

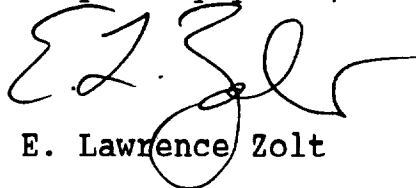
Dear Mr. Caton:

Submitted herewith on behalf of Superchannels of Las Vegas, Inc., licensee of Experimental Station KM2XMV, is an original and one copy of the most recent progress report detailing the ongoing technical research being conducted at the facility.

In addition to the testing of radar filtration equipment and techniques outlined in the last progress report, Superchannels and it's research partners are currently designing and testing hybrid analog/digital wireless cable systems.

Please contact undersigned counsel if there are any questions.

Very truly yours,



E. Lawrence Zolt

Enclosure

cc: H. Franklin Wright/OET

f:\ez-1\sclvexp.fil



December 20, 1995

Mr. Frank Wright  
Federal Communications Commission  
2025 M Street NW Room #7326  
Washington, DC 20554

RE: Experimental License KM2XMV/Progress Report

Dear Mr. Wright,

We are involved in the design and testing of a Hybrid Analog/Digital Wireless Cable System together with Decathlon Communications, Inc, in addition to the continuing testing of California Amplifier and Pacific Monolithics' radar filters.

Hybrid Systems are critical to the industry to facilitate a migratory process from Analog to Digital Transmission rather than a single step transition.

This design includes transmission and reception of both Analog and Digital signals.

There are three cases now being studied.

- Case 1. Digital Decathlon Communications, Inc by 64 Quam MPEG Systems.  
Analog: MMDS unscramble.
- Case 2. Digital Decathlon Communications, Inc by 64 Quam MPEG Systems.  
Analog: MMDS, scrambled using Pacific Monolithics' Cypher Point.
- Case 3. Digital Decathlon Communications, Inc by 64 Quam MPEG System.  
Analog: scrambled using Pacific Monolithics' Cypher Point.  
Off-air unscramble.

31 Cactus Garden • Henderson, Nevada 89014 • (702) 456-6969  
FAX (702) 456-7541

MR. FRANK WRIGHT  
December 20, 1995  
Page Two

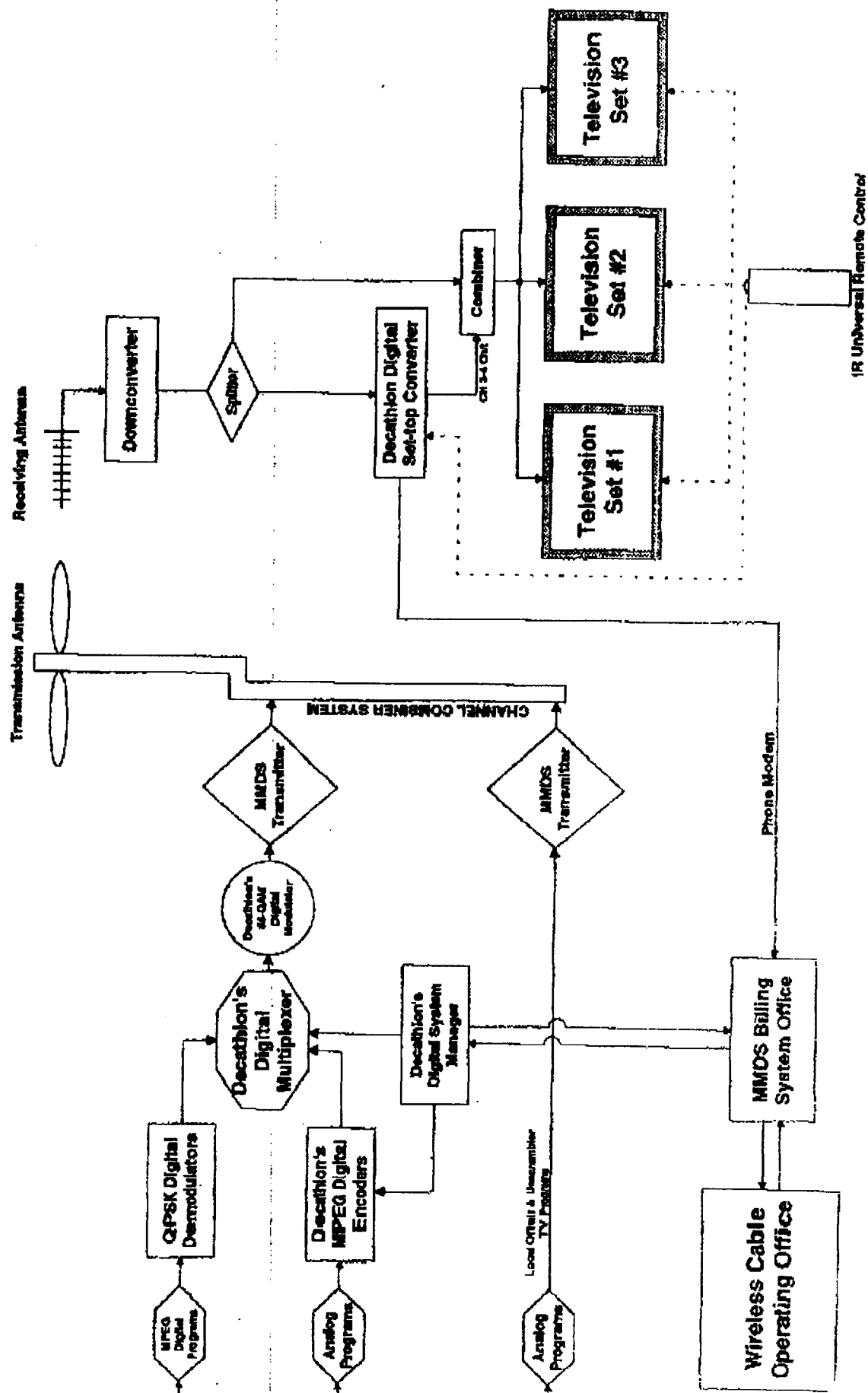
The following two diagrams demonstrate the system design and specifications for the testing process. If you have any questions, please call the undersigned or Martin Frankel, President of Decathlon at (303) 755-7292.

Very Truly Yours,



Daniel P. Lawrence  
President

# WIRELESS CABLE DIGITAL/ANALOG HYBRID SYSTEM



# WIRELESS CABLE DIGITAL/ANALOG HYBRID SYSTEM

