

2355 Ranch Drive  
Westminster, CO 80234  
Phone (303) 465-5742 Fax (303) 465-4067  
e-mail: STCL@comcast.net

**B. W. St. Clair**

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## **COMPREHENSIVE TECHNICAL EXHIBIT**

### **LPTV DIGITAL MINOR MODIFICATION**

**APPLICATION FOR CONSTRUCTION PERMIT**  
**W64AN, FCC ID 4332**  
**FCC FILE NUMBER BFCDDT-20070221AAU**  
**MAPALE LLC**

**Application for minor modification of Construction Permit.** The within application is filed as a minor modification of CP BFCDDT-20070221AAU. It seeks but one change: The SCALA PR-450 antenna array specified in the underlying CP is incapable of being used in the manner specified; that is, to be shared with another facility operating on a different channel, because this antenna is channel-specific. The antenna selected to replace it is a broadband panel array, an MCI 955414. All other details remain the same; the service contour is virtually contiguous with that of the underlying CP.

**Interference Study.** An OET 69 Longley-Rice study has been performed for the above-captioned application. The study was performed on a Sun Blade computer running the official FCC Longley-Rice program *tv\_process\_dltv* as provided by Techware, Inc and shows compliance with all appropriate ruleparts including §74.793.

**Coordination of channel 64.** The within application seeks a change of antenna on an existing permit to construct it on channel 64. As timing is critical in connection with seeking channels which will be relinquished as part of the full service transition, it is desired to keep this facility permitted on channel 64 at the present time with the intent of moving into the core prior to the need for use of frequencies in the 700 MHz spectrum by future licensee users. To that end, coordination and notification has already been performed in accordance with §74.786(e) with the following:

Region 9 Coordinator: Ray Carlson, Palm Beach Sheriff's Office  
State of FL Coordinator: Jean-Pierre Saliba, State of FL Technology Office  
Guard Band auction 33 License WPRR304, Pegasus Guard Band, LLC  
Guard Band auction 33 License WPRV443, Access 700, LLC

Additionally, the above offices are being notified of the within request for CP reflecting a change of antenna which is not expected to affect them in any way. Records of all correspondences are on file in this office.

J. R. McDonald  
October 22, 2007