

**ERI<sup>®</sup> Electronics Research, Inc.**

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***Directional Antenna System  
for  
KZLA, Los Angeles, California***

March 14, 2006

Electronics Research Inc. has providing a replacement antenna for KZLA, Los Angeles, California. The 1182-2CP-DA antenna was manufactured with the exact parameters as the existing antenna to provide the same directional pattern shape that was originally applied to the FCC. Therefore you may rely on the proof of performance for the existing antenna.

An addition of 11% first null fill and digital input was added to the antenna at the request of KZLA. The 1182-2CP-DA antenna is to be mounted on a triangular tower at an orientation of N 179° East. The antenna alignment procedure should be directed by a licensed surveyor as prescribed by the FCC.

The maximum horizontal power gain of the antenna is 3.012 (4.789 dB). The maximum vertical power gain of the antenna is 2.605 (4.158 dB). The input power to the antenna is 6.142 kW (7.883 dBk) to provide a maximum ERP of 18.5 kW (12.672 dBk).

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