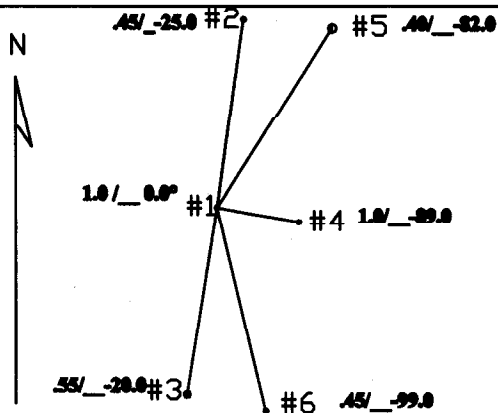


**Standard Horizontal Pattern**  
 Theoretical Pattern RMS = 2569.995  
 Standard Pattern RMS = 2699.976  
 RSS = 3406.7290  
 Q = 83.168  
 Radiation Nulls (Elevation = 0°)  
 Azimuth Theoretical Standard  
 202.0 255.949 283.235  
 244.1 26.804 93.751  
 315.8 105.827 142.634  
 356.5 285.256 312.584  
 Radiation Maximas (Elevation = 0°)  
 Azimuth Theoretical Standard  
 100.3 7590.808 7960.351  
 222.0 431.615 461.934  
 285.3 742.608 784.850  
 336.6 505.021 537.759



## Exhibit EE-3A

### Proposed Standard Daytime Horizontal Pattern

Proposed WIOJ  
 1010 KHz DA-2-U 50/30 kW  
 N.Lat 30°17'57"  
 W.Lon 82°00'26"  
 (NAD 1927)