

FCC Form 302-FM  
Radio Station KYRT(FM), Channel 249A,  
Mason, Texas, FCC Facility ID No. 165378  
Application for a License to Cover  
Construction Permit BMPH-20070718AAJ  
November 2009  
Attachment 1 to Exhibit 7

**STATEMENT RE ACHIEVEMENT OF  
AUTHORIZED VALUE OF EFFECTIVE RADIATED POWER**

Construction Permit BMPH-20070718AAJ authorizes a facility with an Effective Radiated Power of 2,400 Watts, Circularly Polarized. The following table demonstrates how the constructed facility achieves the authorized value of Effective Radiated Power.

<b>Transmitter Output Power</b>	1.743 kW; +2.41 dBk
<b>Transmission-Line Type</b>	Andrew HJ7-50A, 1-5/8" Diameter, Air-Dielectric
<b>Transmission-Line Length</b>	81.38 meters
<b>Transmission-Line Loss Per Meter (dB)</b>	-0.006627 dB/meter
<b>Total Transmission-Line Loss (dB)</b>	-0.54 dB
<b>Total Transmission-Line Efficiency</b>	88.32%
<b>Antenna Input Power</b>	1.54 kW; +1.87 dBk
<b>Antenna Type</b>	ERI Model LPX-3E
<b>Number of Antenna Bays</b>	Four (4)
<b>Spacing of Antenna Bays</b>	1.0 Wavelength
<b>Antenna Gain</b>	1.5588; +1.93 dBd
<b>Effective Radiated Power (H&amp;V)</b>	2.4 kW; +3.80 dBk