

FCC Form 302-FM
Radio Station KYRT(FM),
Channel 250A, Hunt, Texas
FCC Facility ID No. 165378
Application for a License to Cover
Construction Permit BPH-20100312AAQ
Attachment 1 to Exhibit 7

STATEMENT RE ACHIEVEMENT OF AUTHORIZED VALUE OF EFFECTIVE RADIATED POWER

Construction Permit BPH-20100312AAQ authorizes construction of a facility with an Effective Radiated Power (*ERP*) of 4,500 Watts, Circularly Polarized. The following table demonstrates how the constructed facility achieves the authorized value of ERP.

Transmitter Output Power (kiloWatts)	3.6 kW
Transmitter Output Power (dBk)	+5.5641 dBk
Transmission-Line Length	142.0 meters
Transmission-Line Loss Per Meter (dB)	-0.00676 dB/meter
Total Transmission-Line Loss (dB)	-0.9599 dB
Total Transmission-Line Efficiency	80.17%
Antenna Input Power (Watts)	2.887 kW
Antenna Input Power (dBk)	+4.604 dBk
Antenna Type	ERI Type LPX3E
Number of Antenna Bays	Three (3)
Spacing of Antenna Bays	1.0 Wavelength
Antenna Gain	1.5588
Antenna Gain (dB)	+1.9279 dBd
Effective Radiated Power (dBk)	+6.5321 dBk
Effective Radiated Power (kiloWatts)	4.500 kW (H & V)