



Table 1

**Auxiliary Antenna / Line System Gains and Losses**

prepared for

**LBI Radio License LLC**

KRQB(FM) San Jacinto, CA

Construction Permit File Number: BXPB-20100802AZV

**Authorized Effective Radiated Power: 1.4 kW**

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**Antenna System**

ERI LPX-1E  
1 element

Power Gain: 0.4611

**Antenna Input Power: 3.04 kW**

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**Line and Other Losses**

Transmission Line  
1-5/8 inch coax HJ7-50A, 150 ft length

Efficiency: 93.32%

Other Losses  
None

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**Transmitter Power Output: 3.25 kW**