



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

Antenna System

ERI LPX-1E
1 element

Power Gain: 0.4611

Antenna Input Power: 3.04 kW

Line and Other Losses

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

Efficiency: 93.32%

Other Losses
None

Transmitter Power Output: 3.25 kW