



Table 1

Antenna / Line System Gains and Losses

prepared for

Liberman Broadcasting of Houston License LLC

KTJM(FM) Port Arthur, TX

Construction Permit File Number: BPH-20040427ABJ

Authorized Effective Radiated Power: 100 kW 20.00 dBk

Antenna System

Dielectric DCRM-10B77 Power Gain: 4.5 6.53 dB

Antenna Input Power: 22.2 kW 13.47 dBk

Line and Other Losses

Transmission Line Loss: 1.04 dB
Dielectric Rigid 6 inch

Combiner Loss: 0.18 dB
Dielectric

Total Losses: 1.22 dB

Transmitter Power Output: 29.4 kW 14.69 dBk