

Antenna Information Exhibit 1

Mesa, AZ
Antenna Range D

4/19/04

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Schaffner CBL 6112B Bi Log

50 to 524 MHz

Antenna points north.

Peak Gain is +8 dB

Front to Back ratio is 20 dB or the peak back lobe (South) is -12 dB.

When we are transmitting H-Pol the beam width is 60 degrees.

When we are transmitting V-Pol the beam width is 120 degrees.

Antenna height varies with frequency from 1 meter to 13.7 meters.
