

**APPENDIX C: BIT-ERROR-RATE DATA at 30.3 GHz**

These data are from azimuth and elevation scans at 1 and 4 meter transmitter height, with and without leaves.



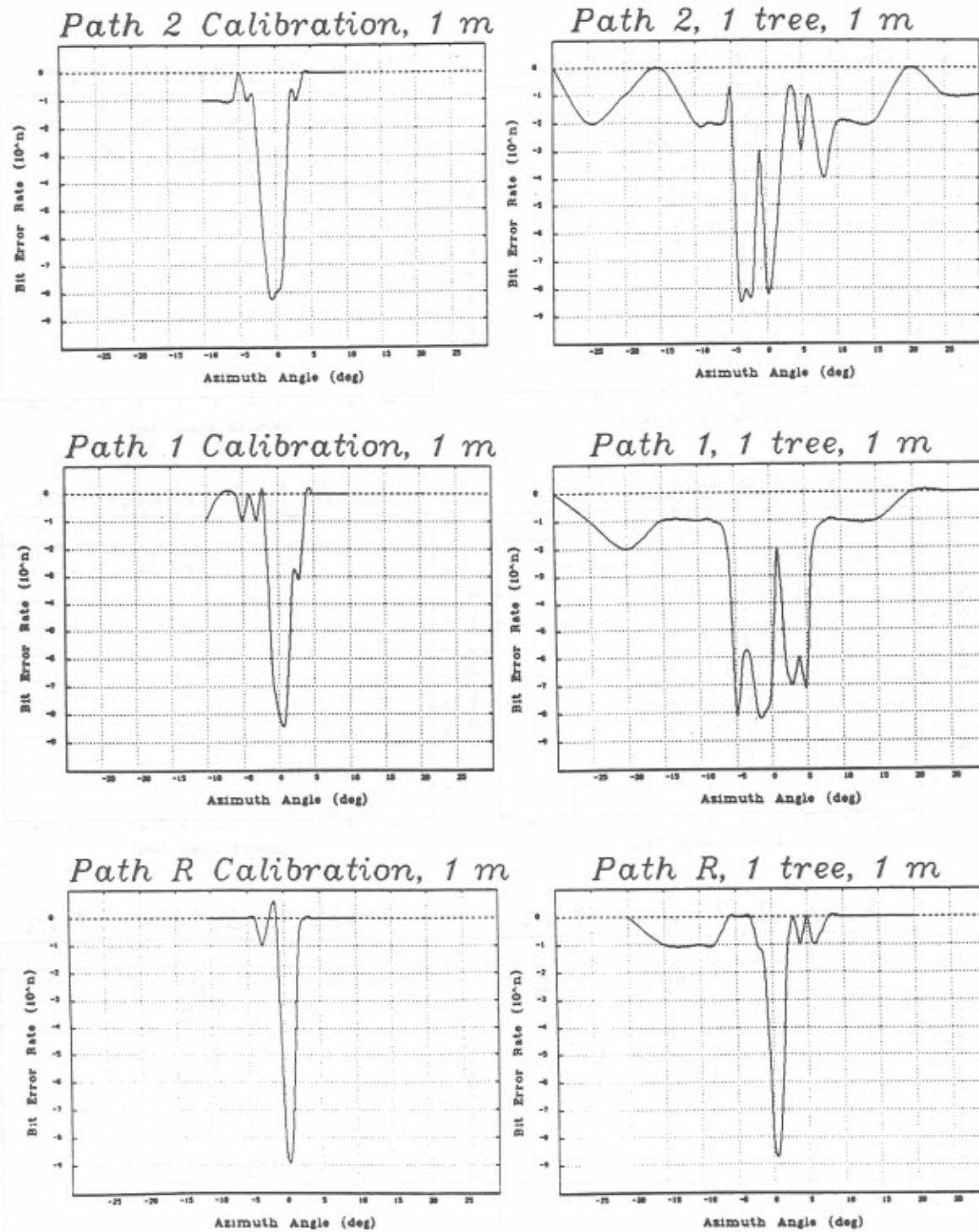


Figure C.1. Bit-error-rate data (1 meter transmitter height) at 30.3 GHz as a function of azimuth angle (no leaves).

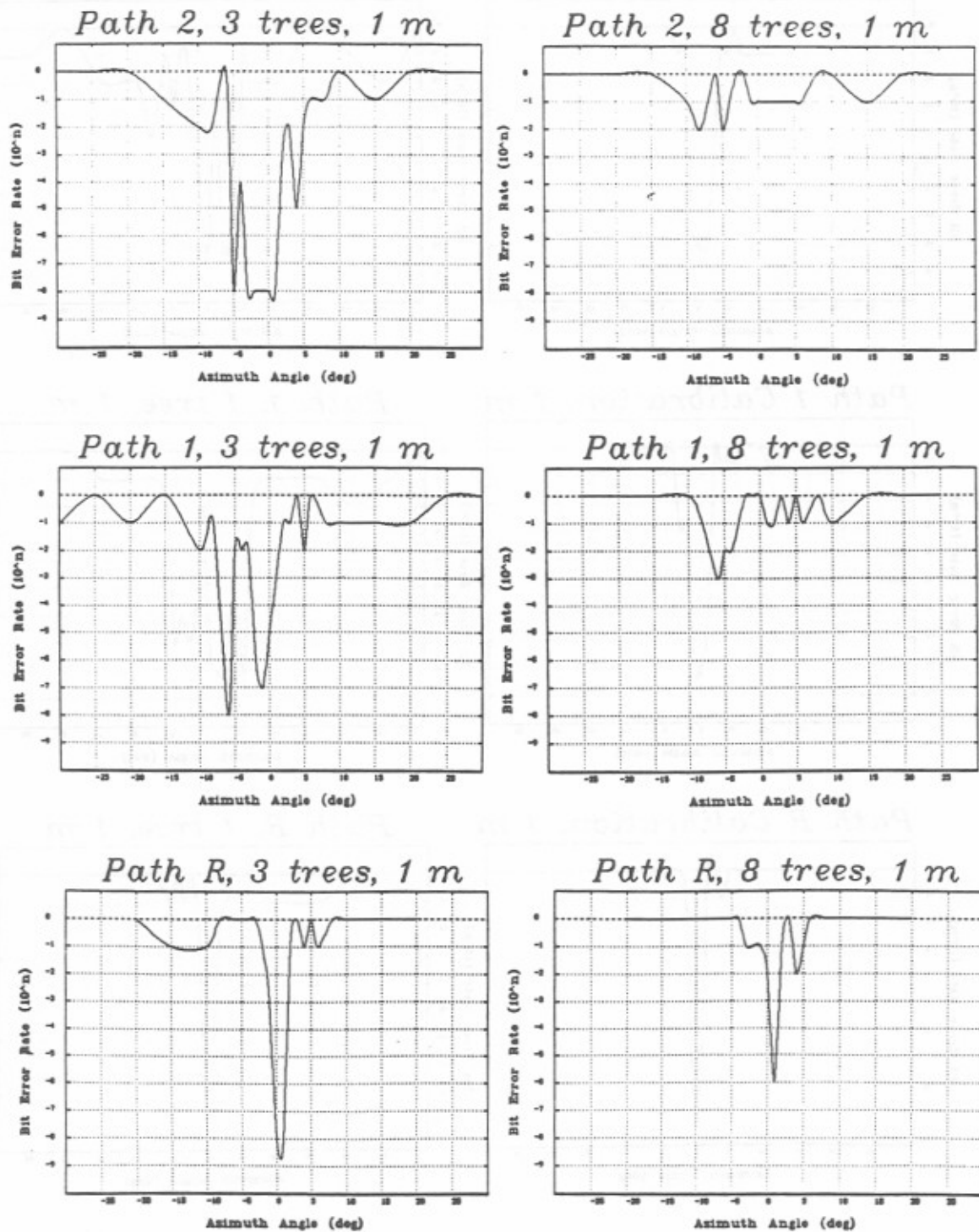


Figure C.1. (continued)

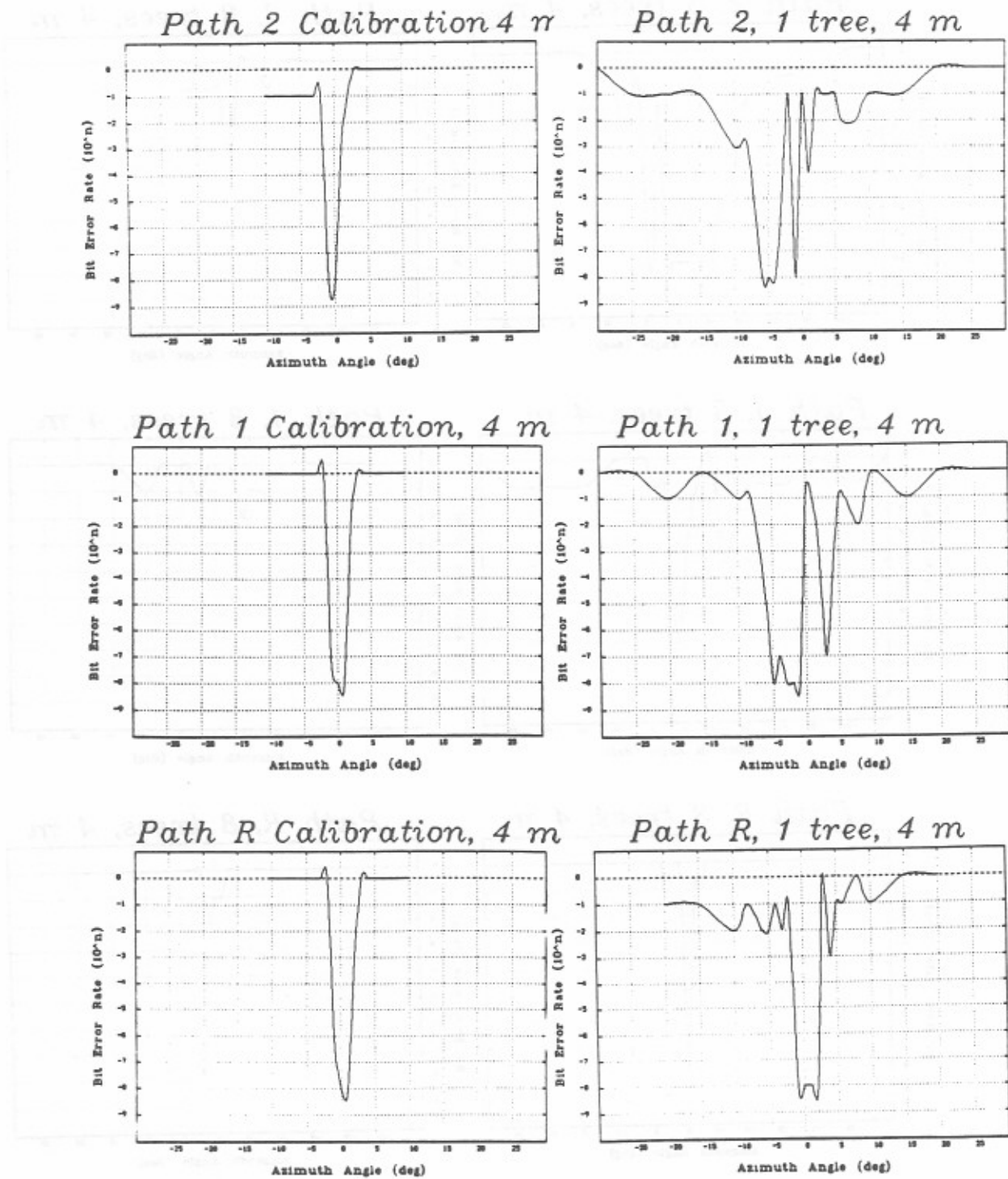


Figure C.2. Bit-error-rate (4 meter transmitter height) at 30.3 GHz as a function of azimuth angle (no leaves).

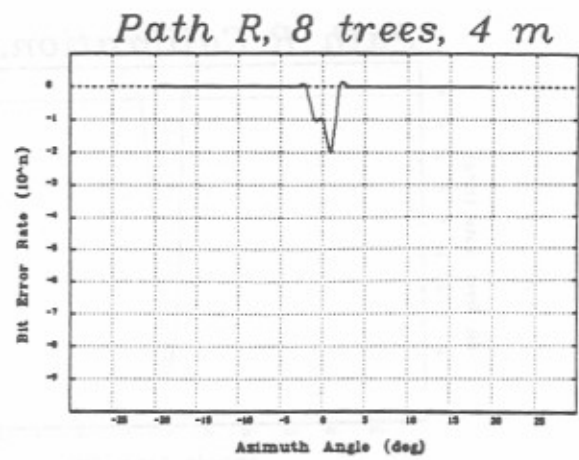
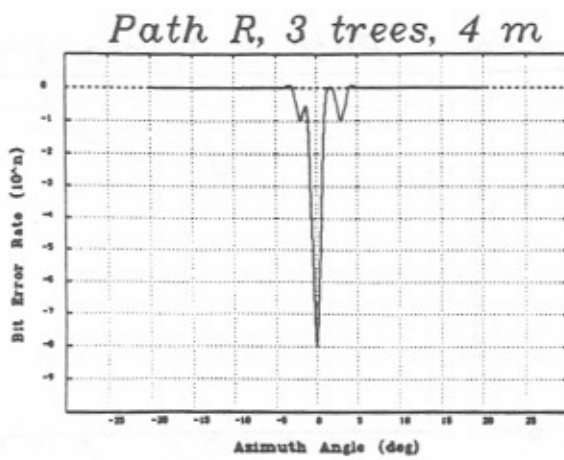
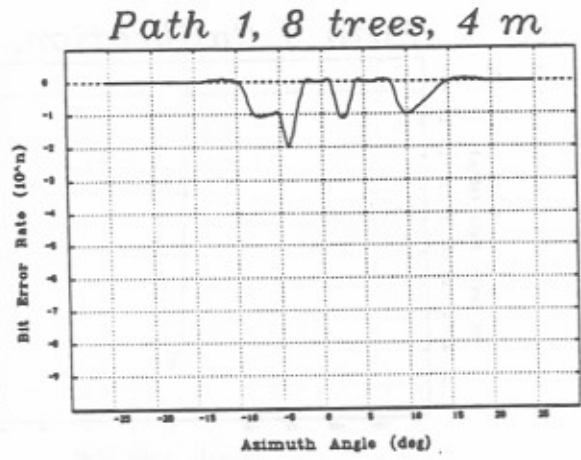
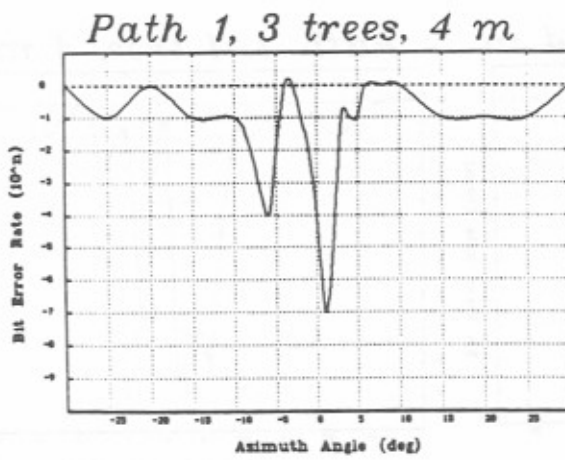
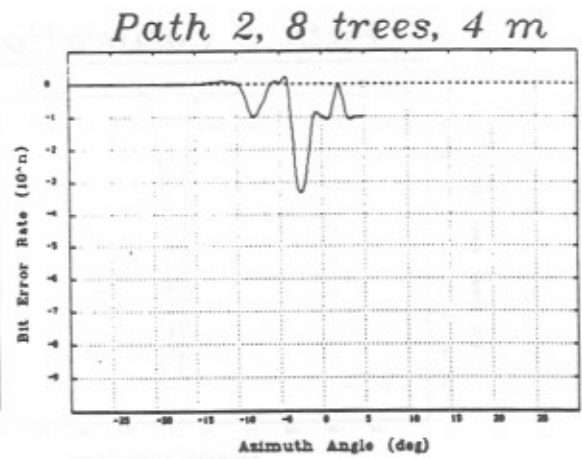
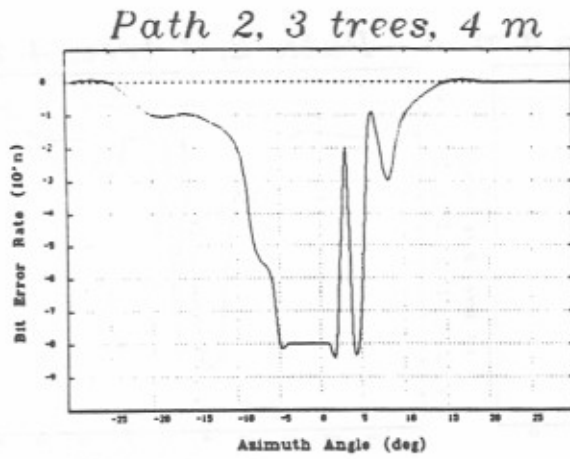


Figure C.2. (continued)

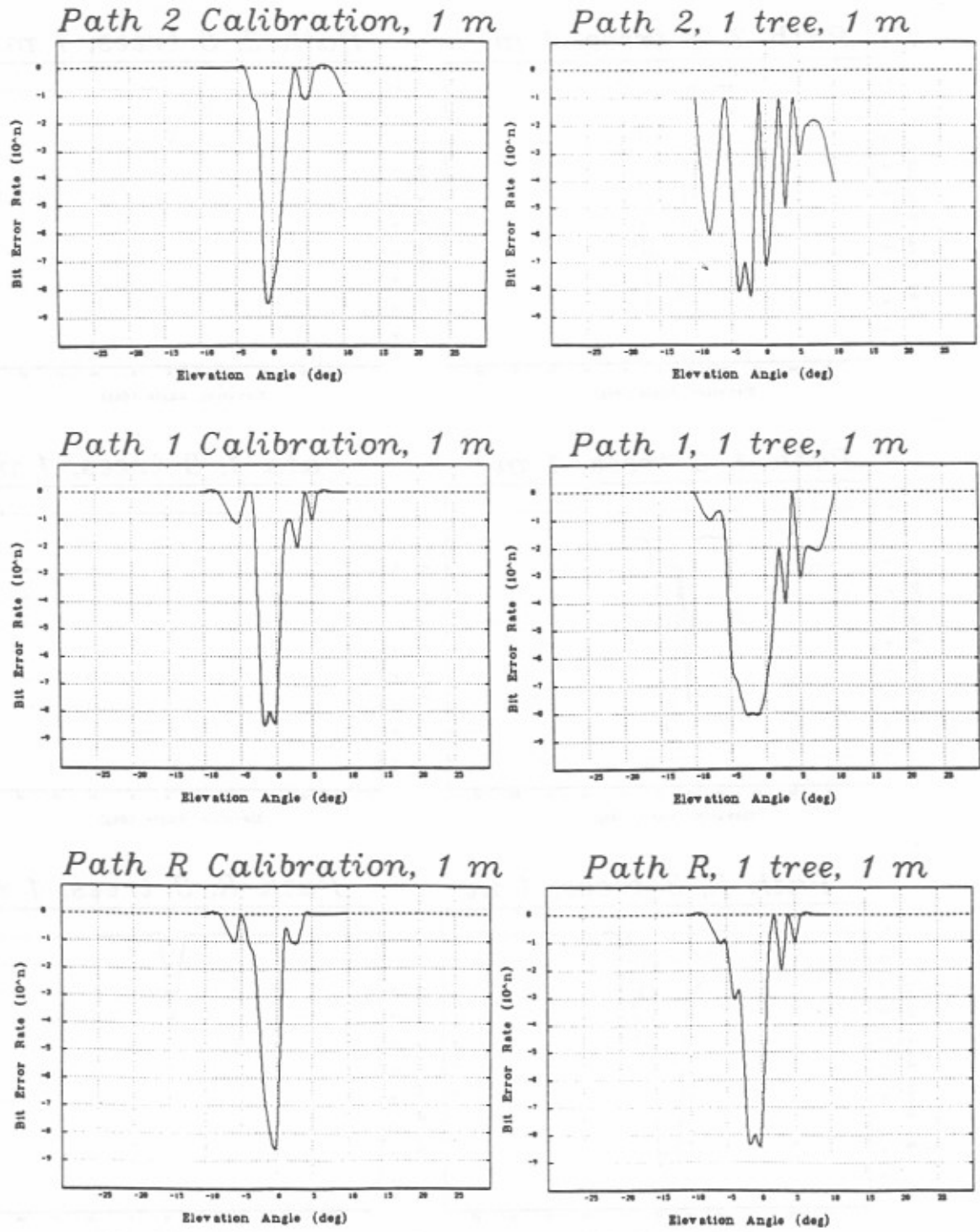


Figure C.3. Bit-error-rate data (1 meter transmitter height) at 30.3 GHz as a function of elevation angle (no leaves).

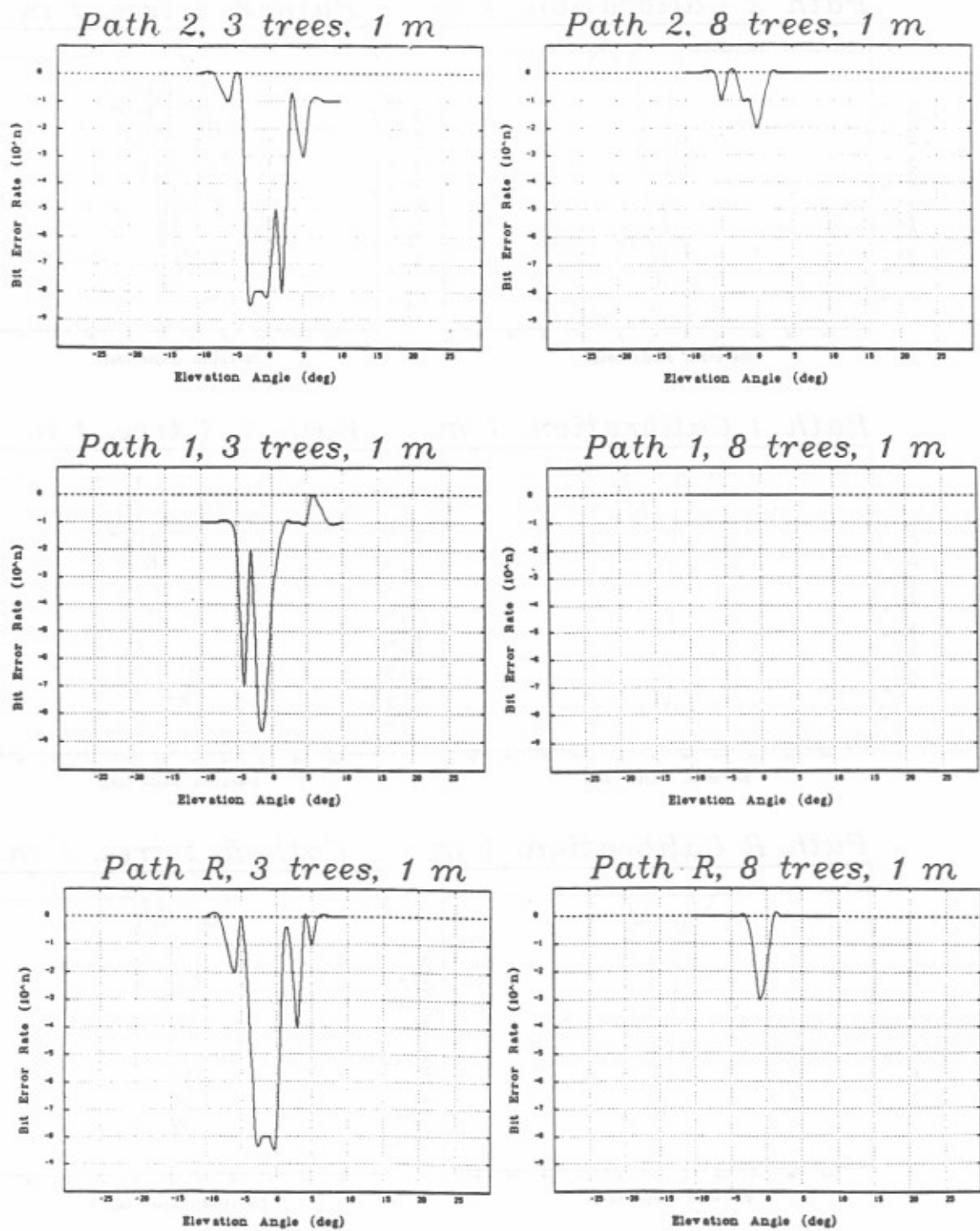


Figure C.3. (continued)

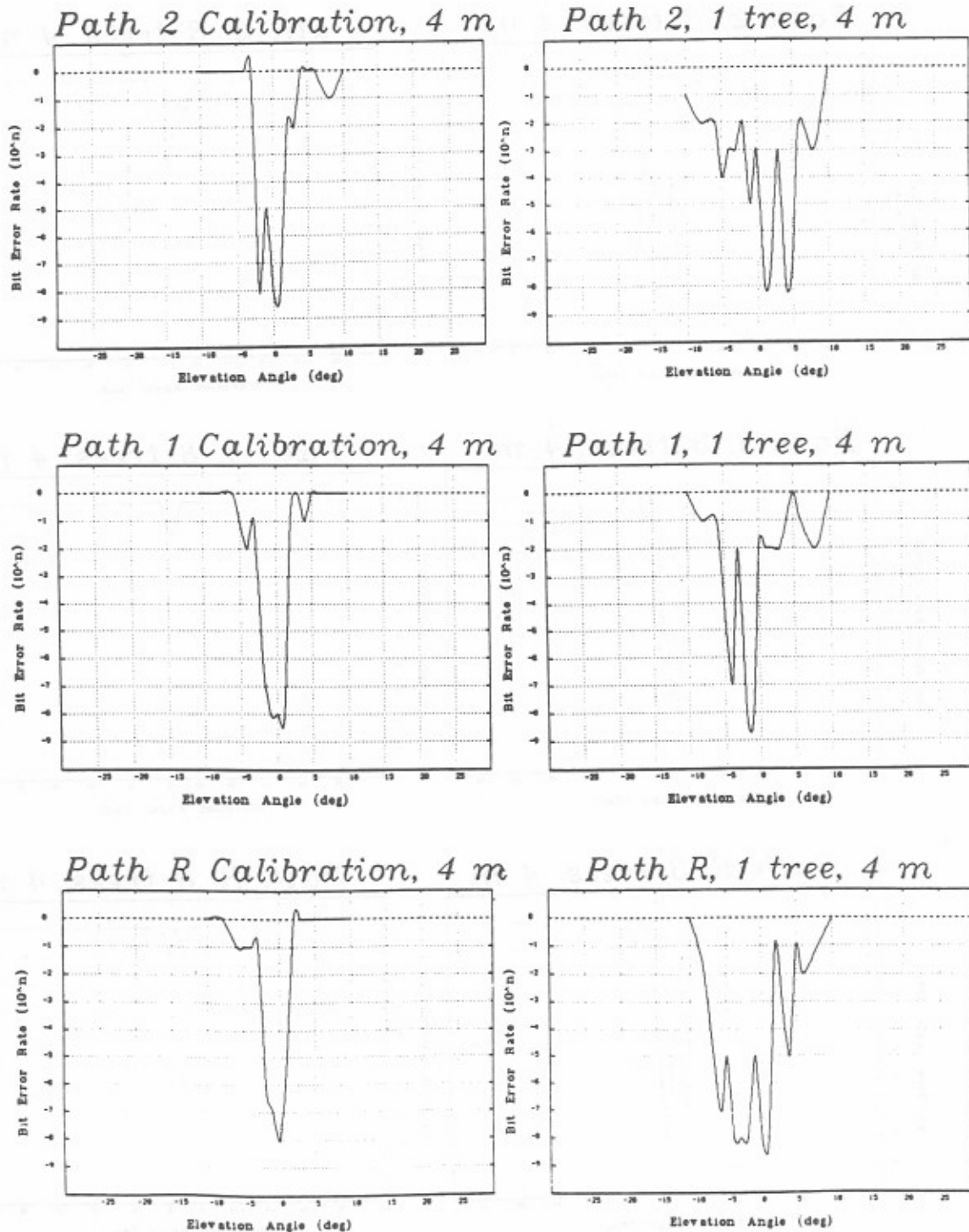


Figure C.4. Bit-error-rate data (4 meter transmitter height) at 30.3 GHz as a function of elevation angle (no leaves).



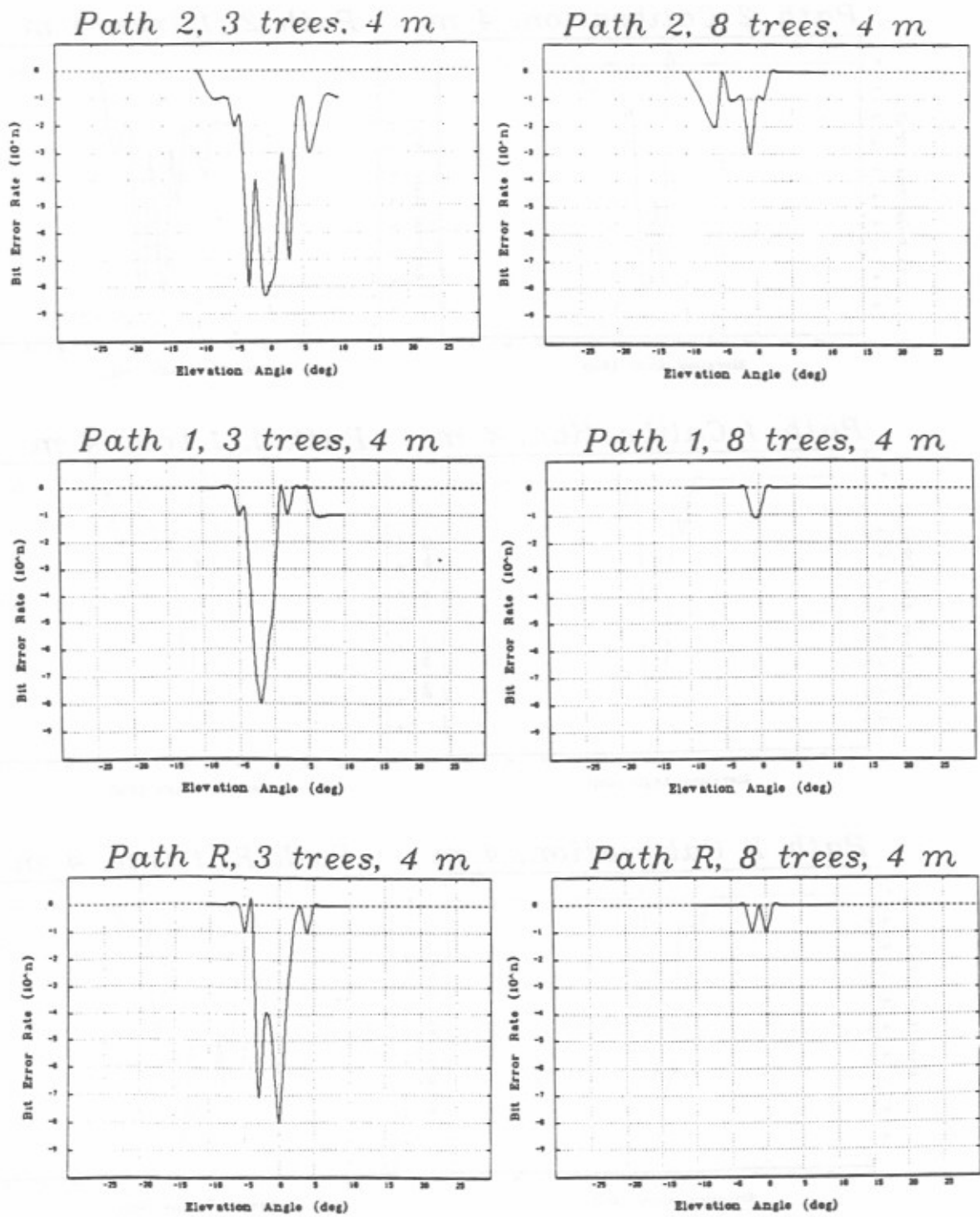


Figure C.4. (continued)

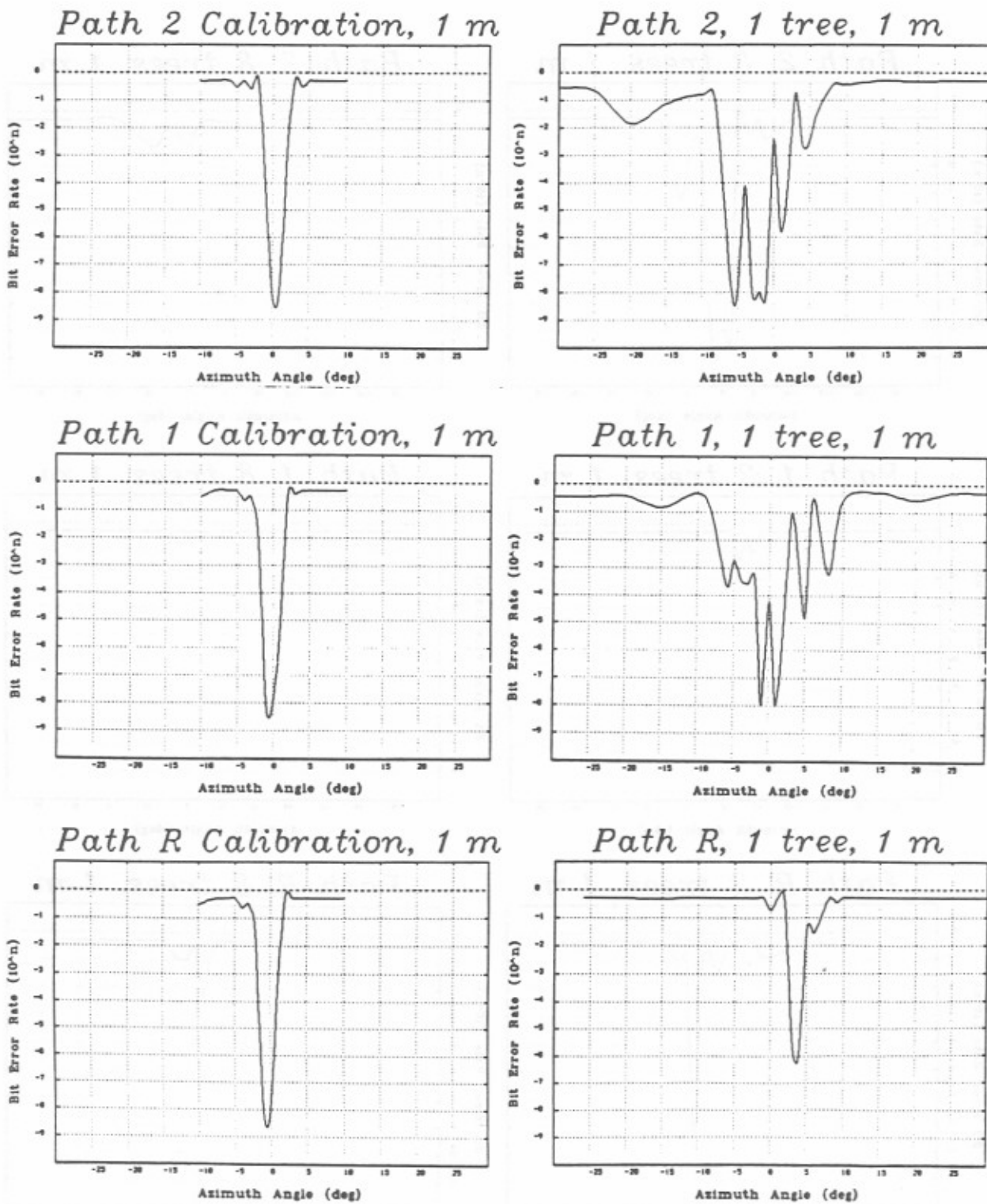


Figure C.5. Bit-error-rate data (1 meter transmitter height) at 30.3 GHz as a function of azimuth angle (with leaves).

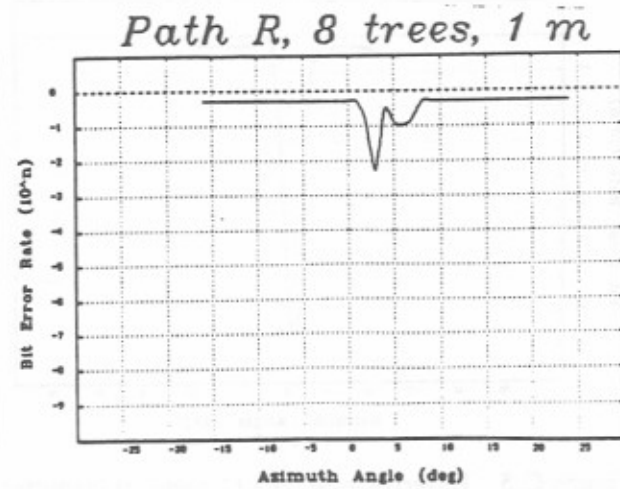
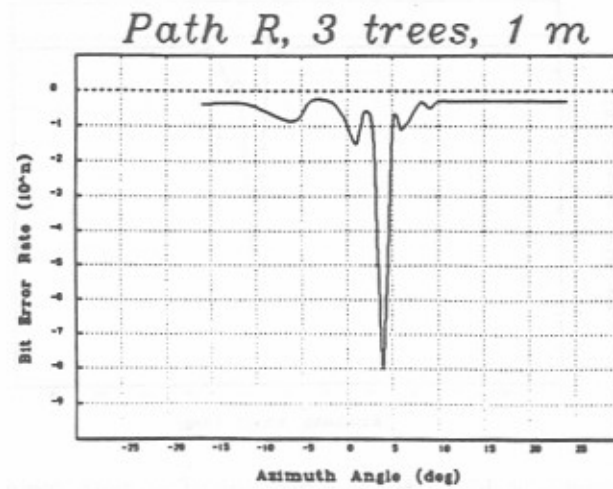
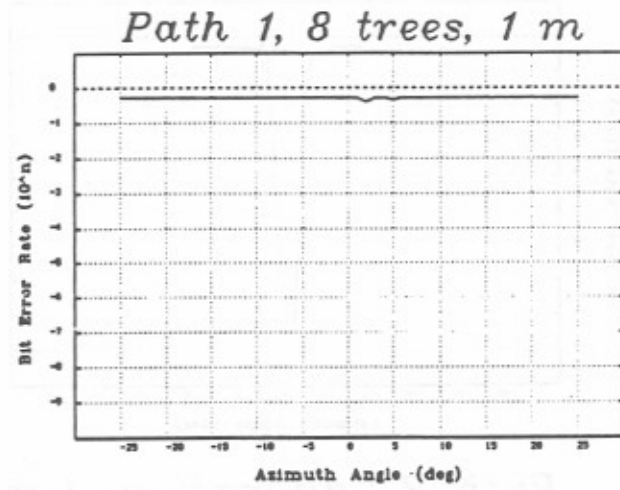
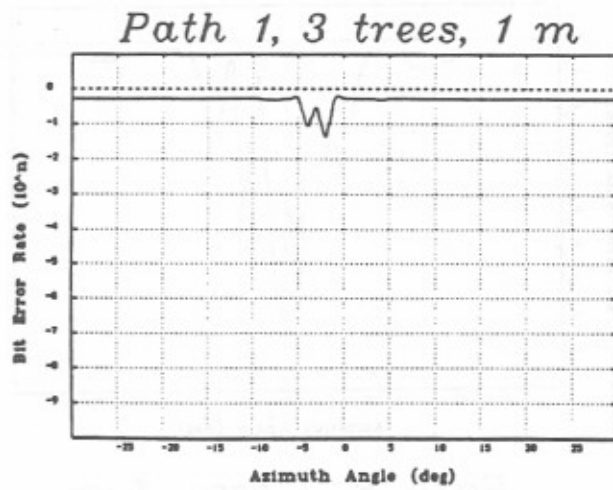
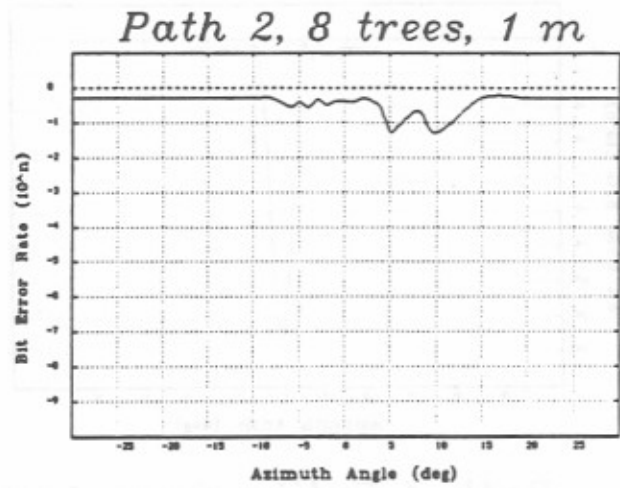
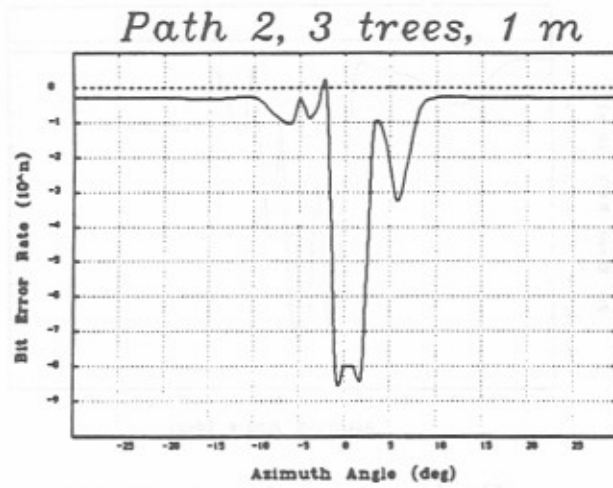
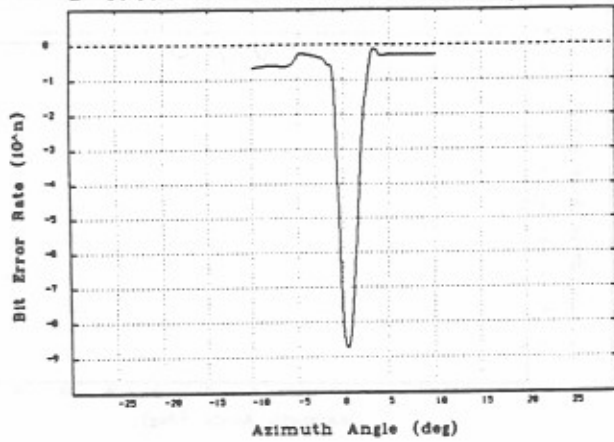
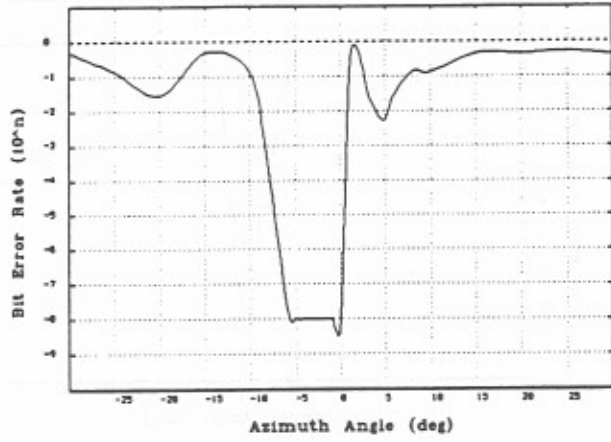


Figure C.5. (continued)

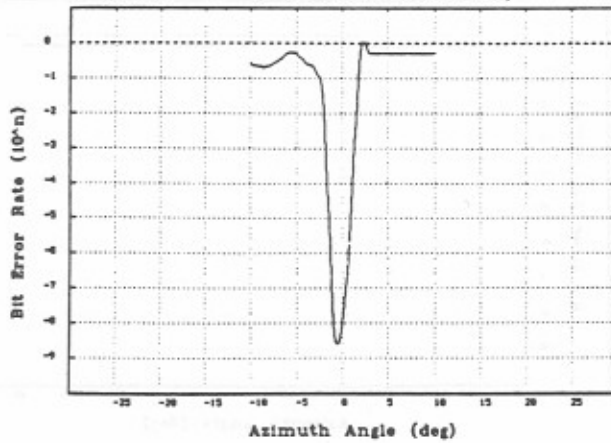
*Path 2 Calibration, 4 m*



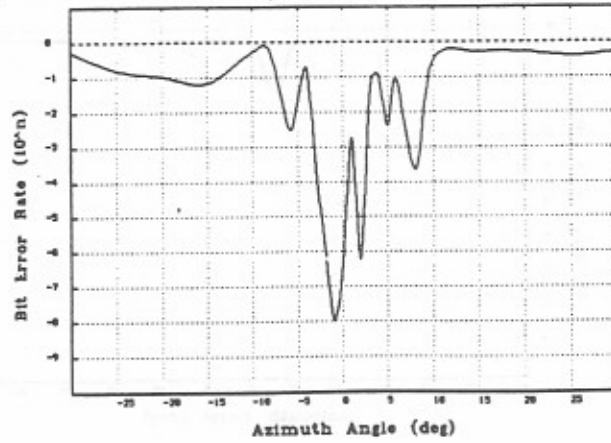
*Path 2, 1 tree, 4 m*



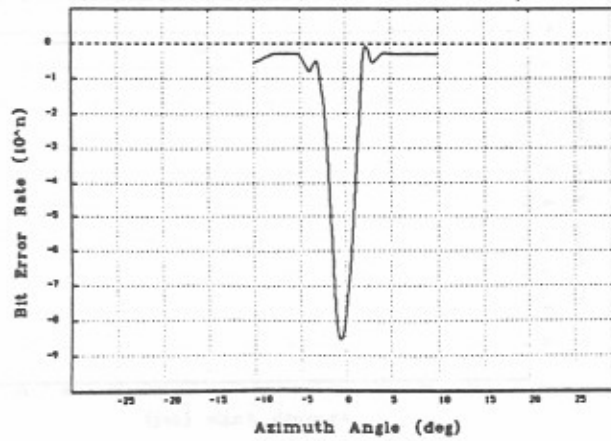
*Path 1 Calibration, 4 m*



*Path 1, 1 tree, 4 m*



*Path R Calibration, 4 m*



*Path R, 1 tree, 4 m*

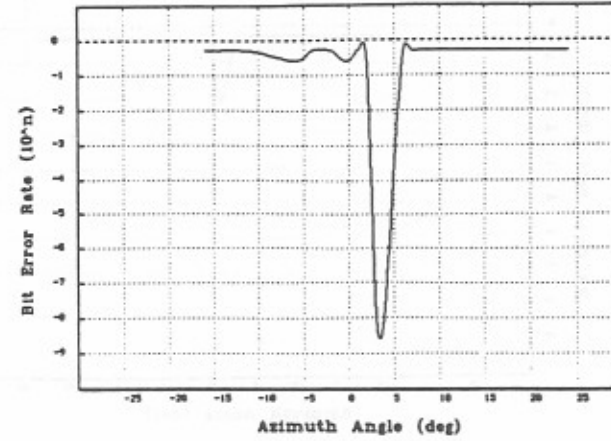


Figure C.6. Bit-error-rate (4 meter transmitter height) at 30.3 GHz as a function of azimuth angle (with leaves).

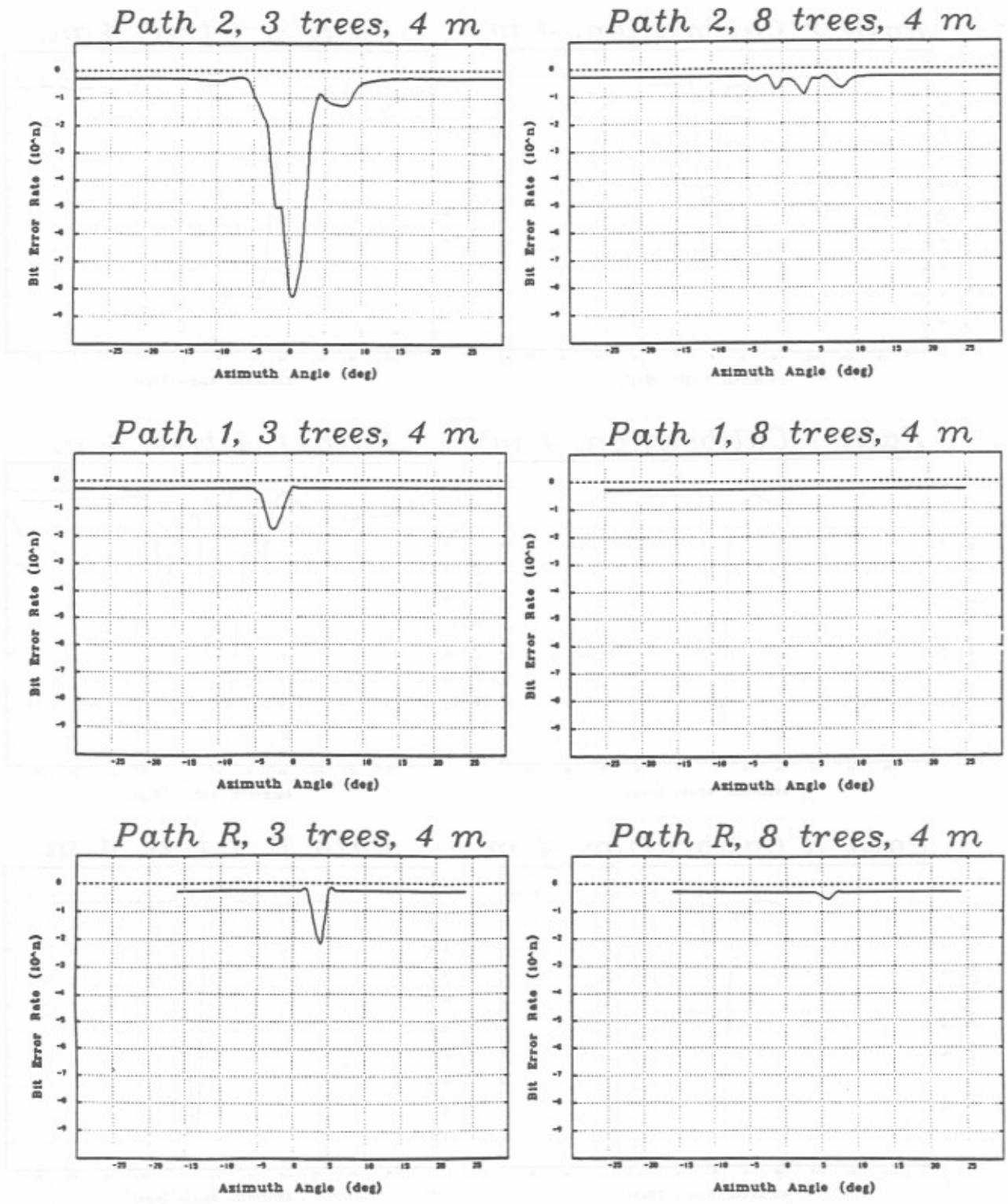


Figure C.6. (continued)

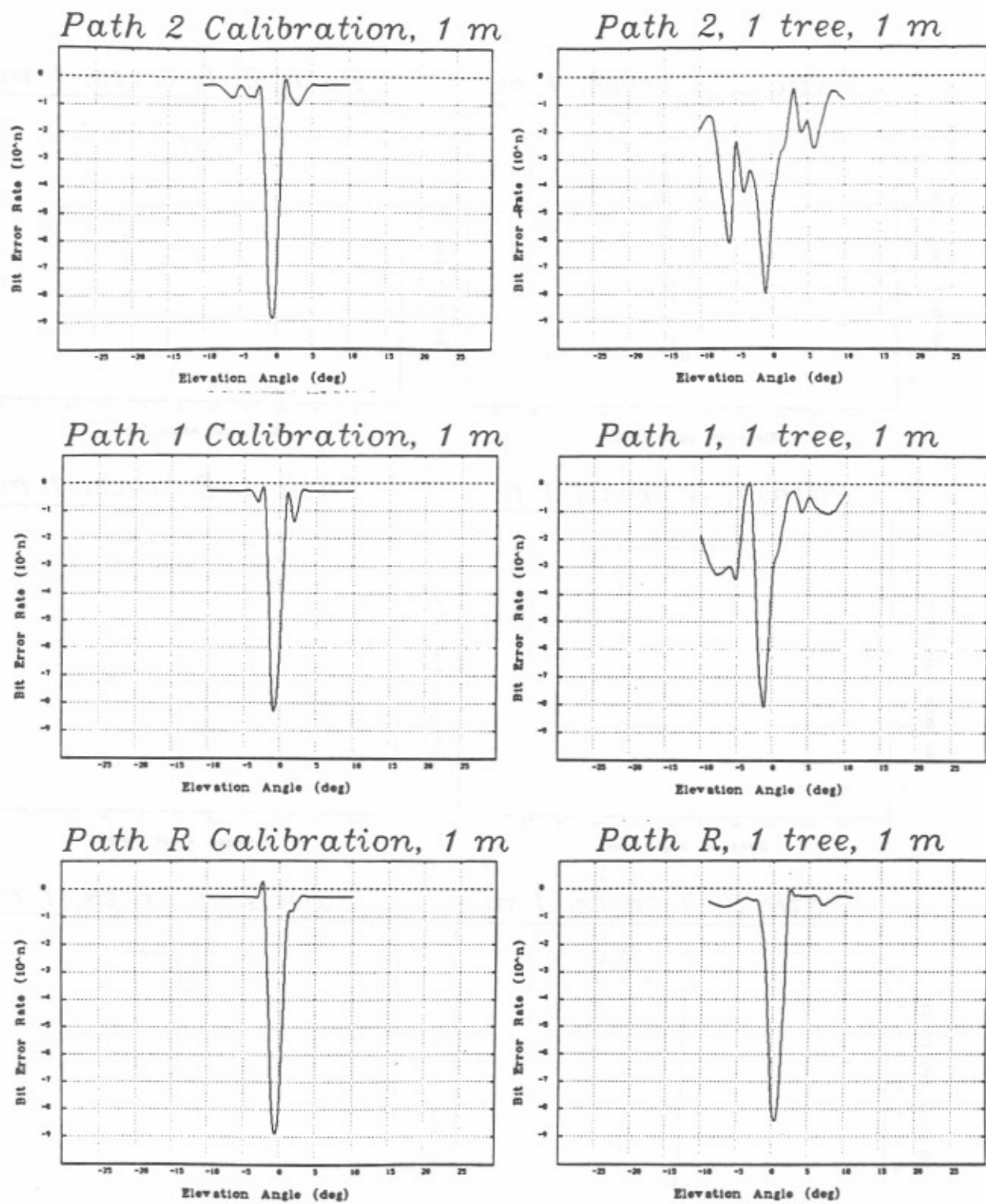


Figure C.7. Bit-error-rate data (1 meter transmitter height) at 30.3 GHz as a function of elevation angle (with leaves).

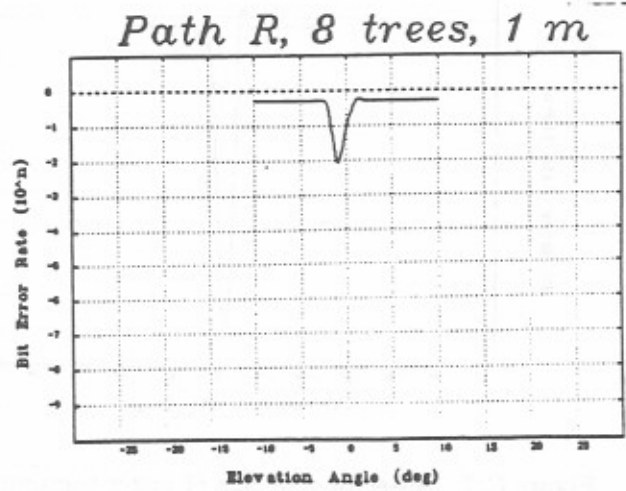
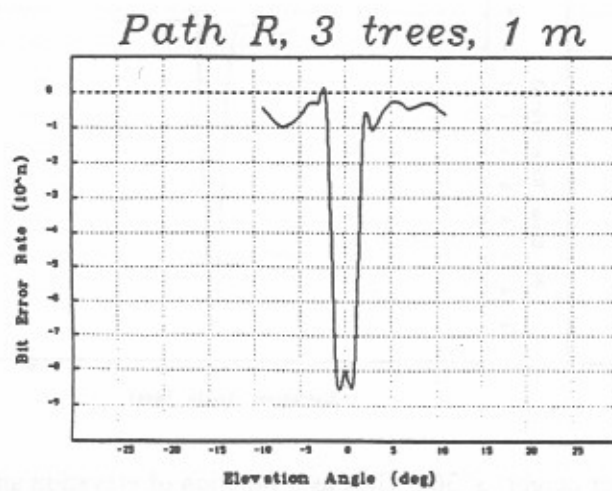
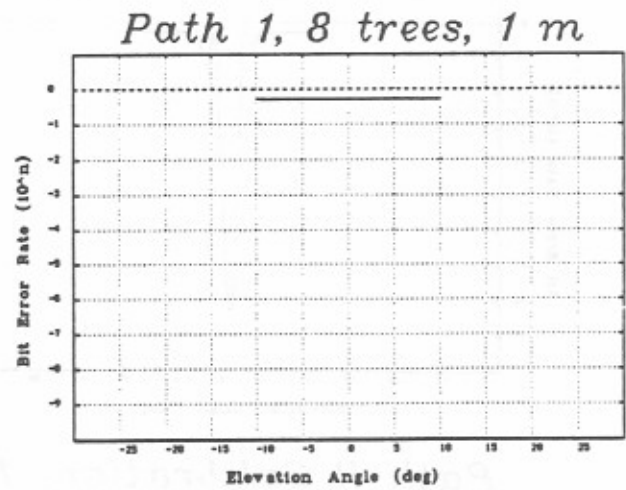
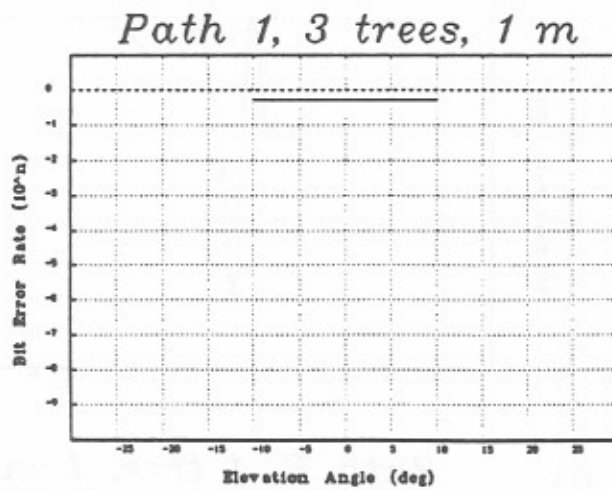
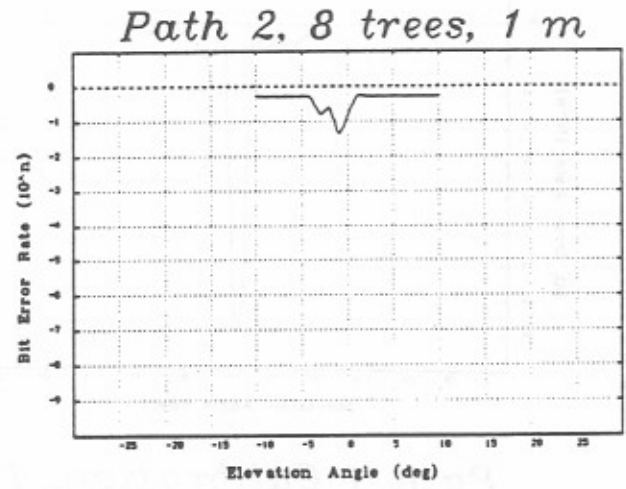
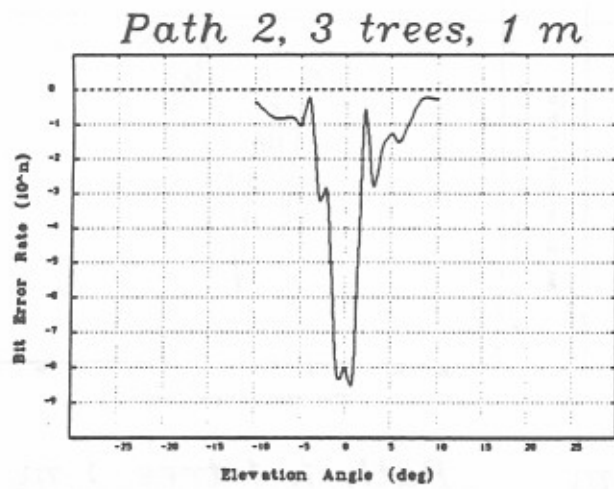


Figure C.7. (continued)

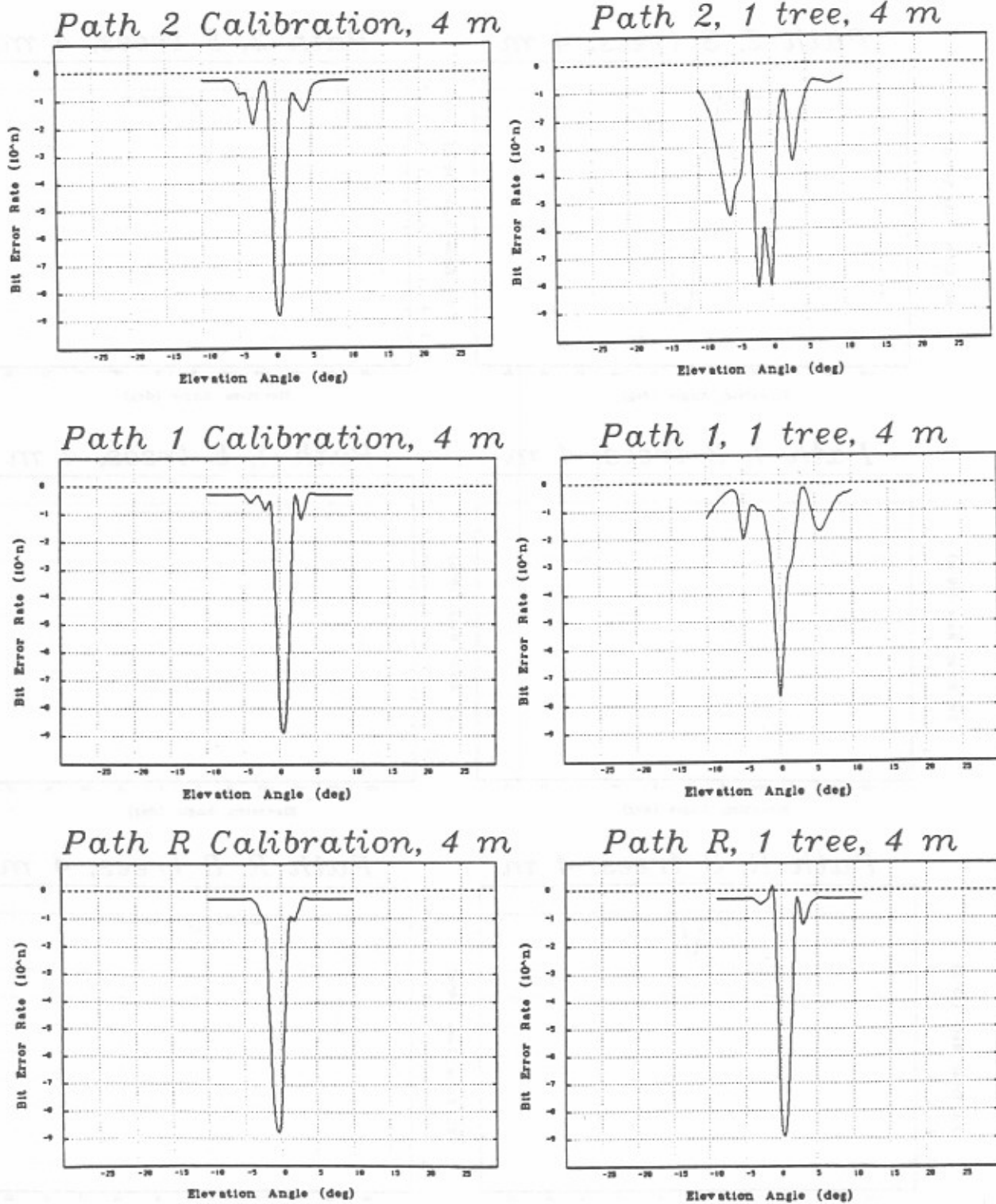


Figure C.8. Bit-error-rate data (4 meter transmitter height) at 30.3 GHz as a function of elevation angle (with leaves).



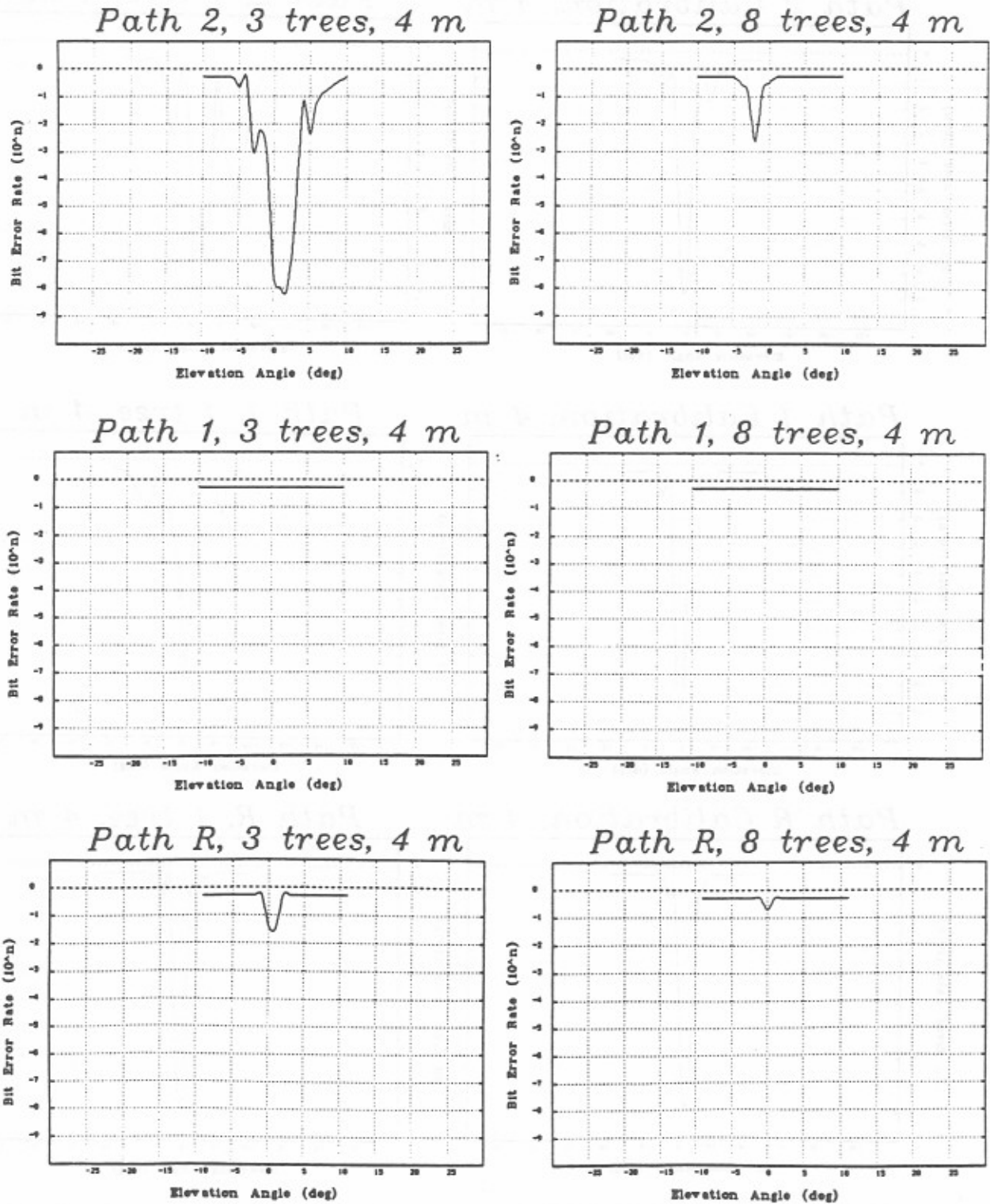


Figure C.8. (continued)