

## APPENDIX A: AMPLITUDE DATA at 28.8 GHz

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

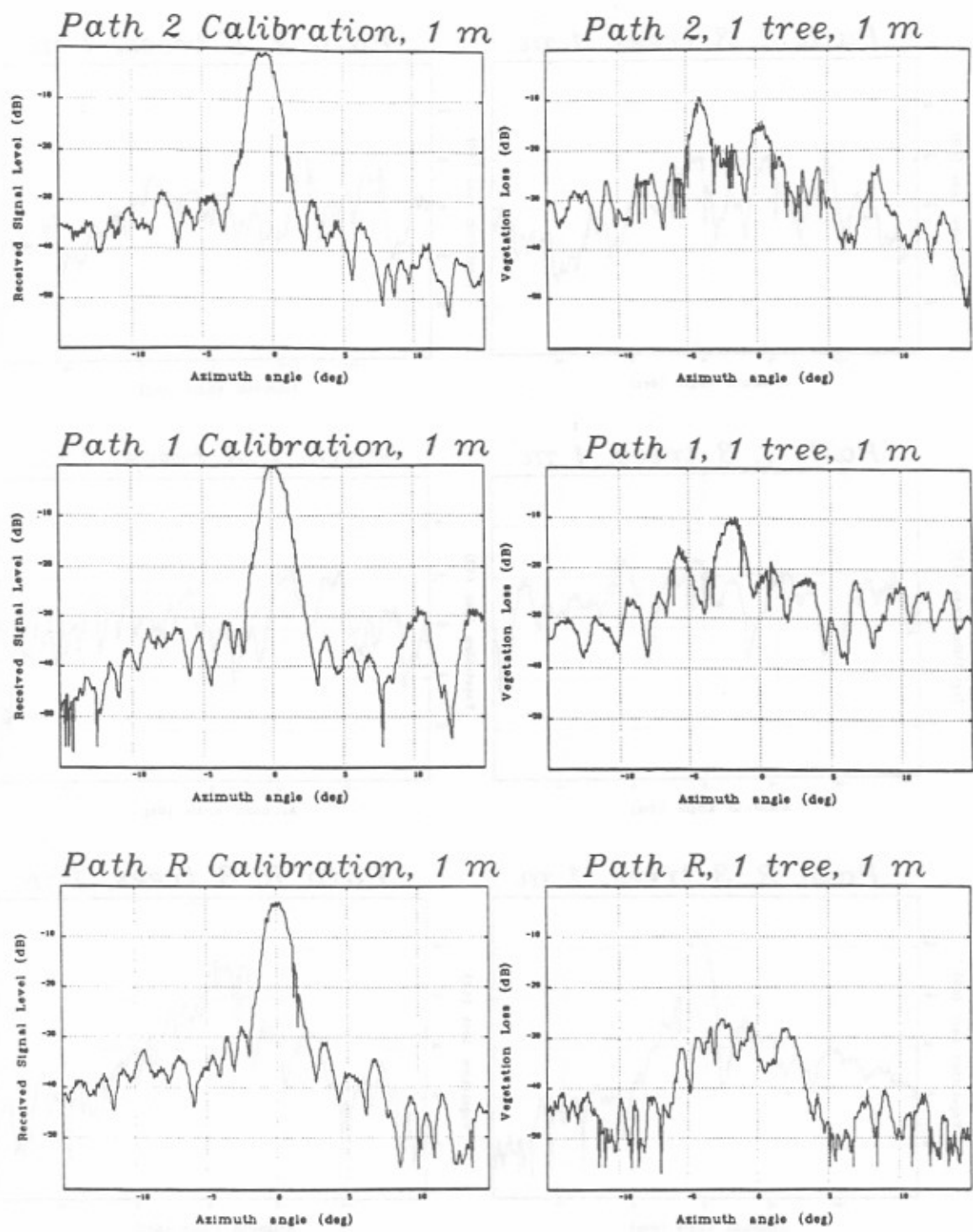


Figure A.1. Amplitude data (1 meter transmitter height) at 28.8 GHz as a function of azimuth angle (no leaves).

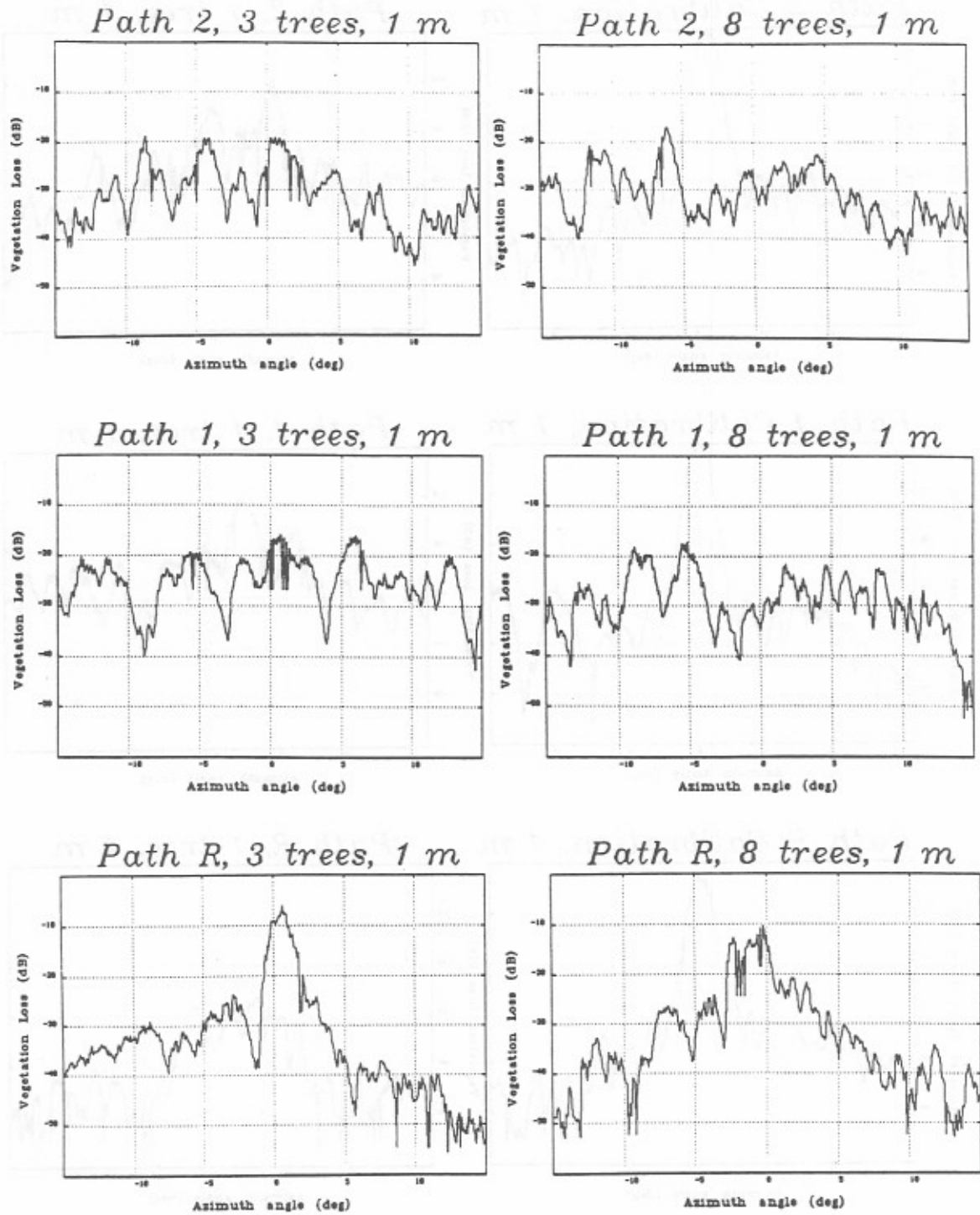


Figure A.1. (continued)

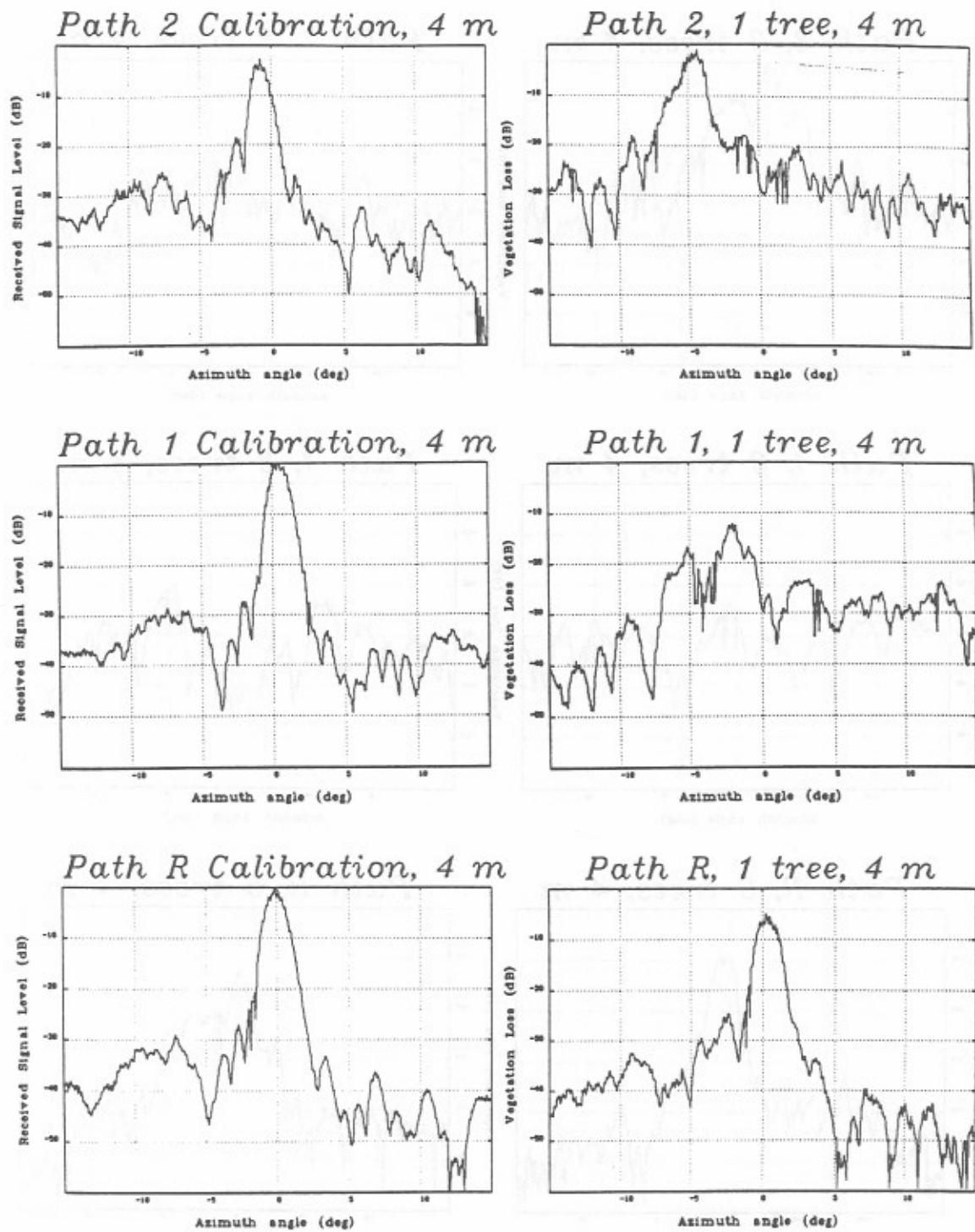


Figure A.2. Amplitude data (4 meter transmitter height) at 28.8 GHz as a function of azimuth angle (no leaves).

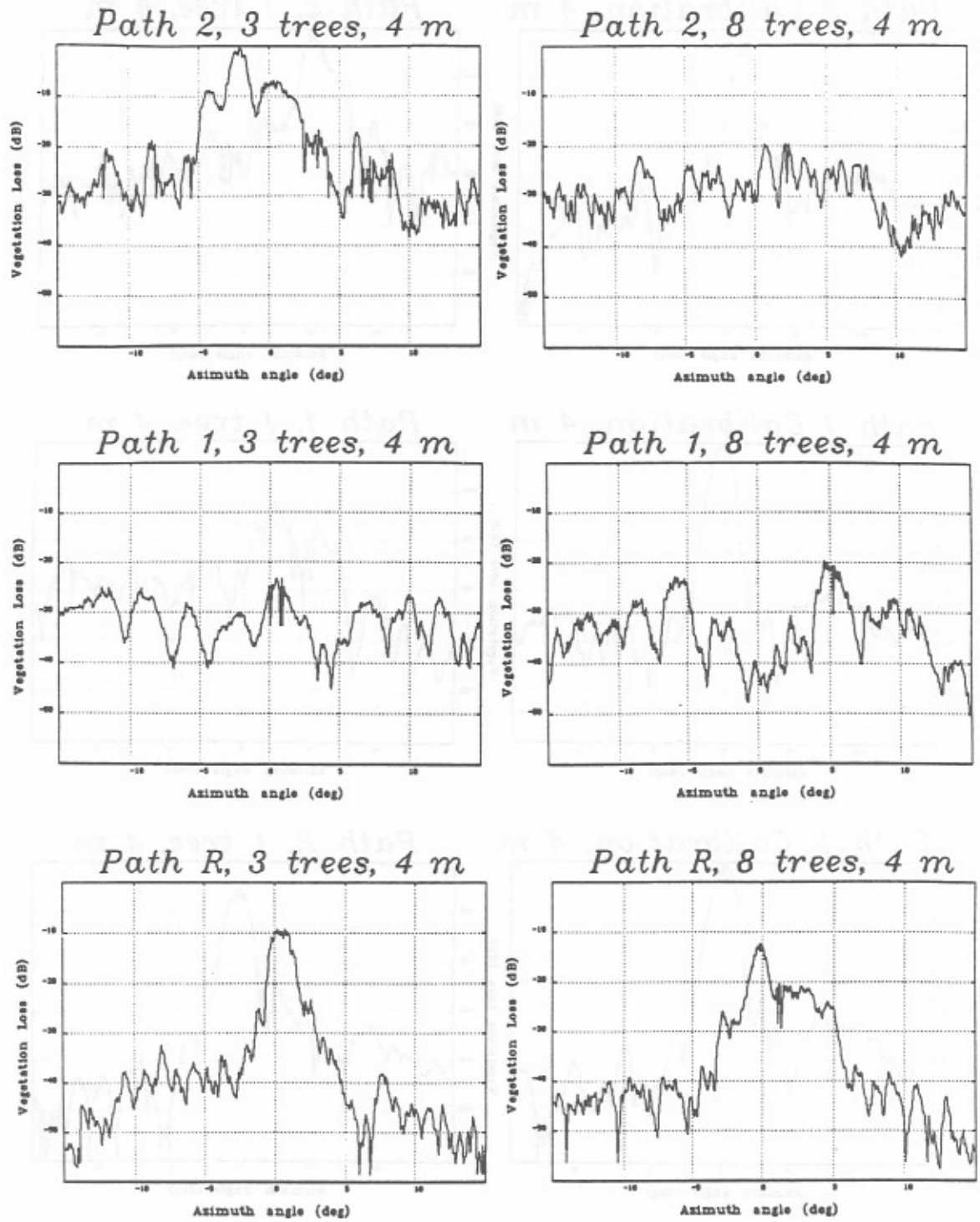


Figure A.2. (continued)

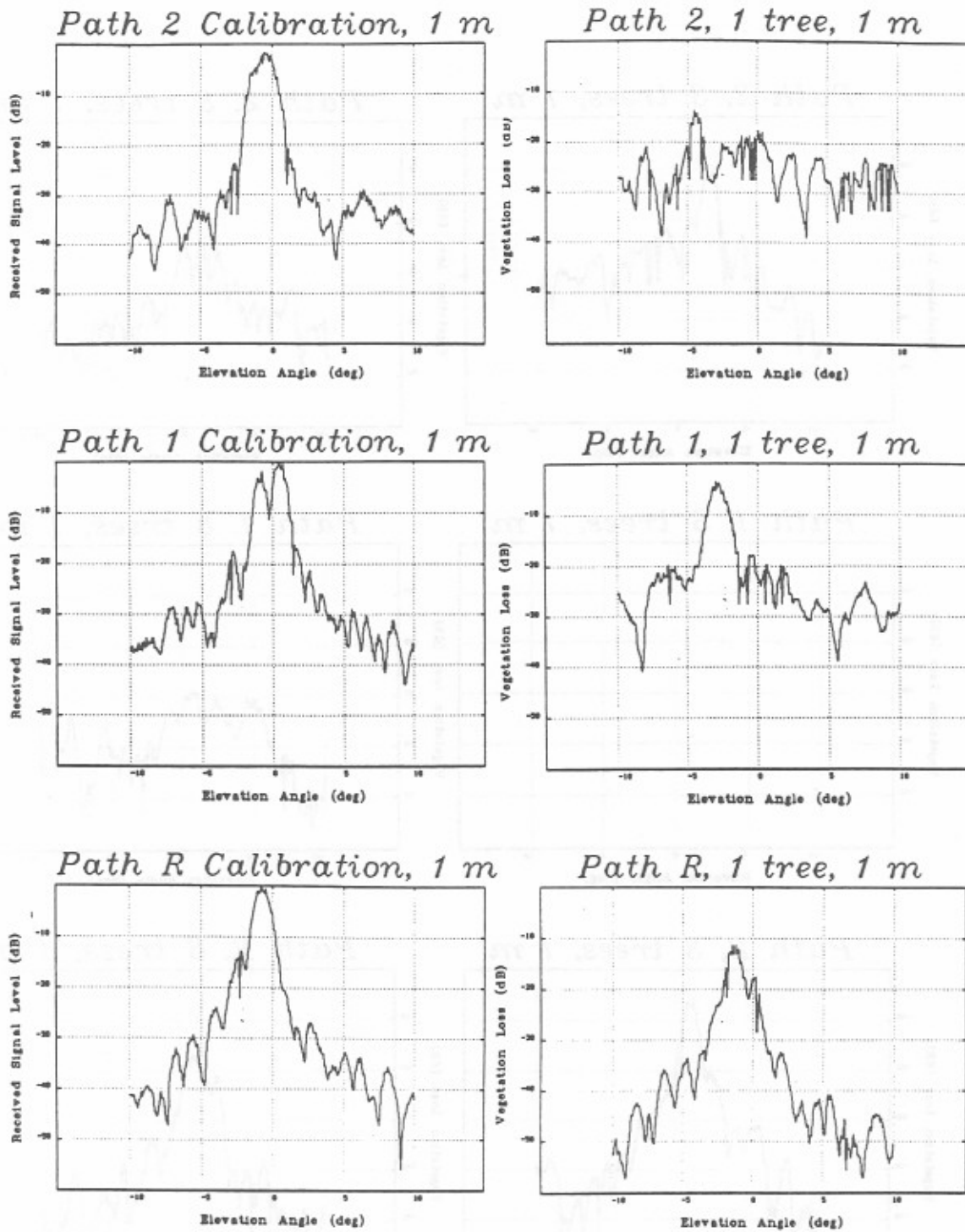


Figure A.3. Amplitude data (1 meter transmitter height) at 28.8 GHz as a function of elevation angle (no leaves).

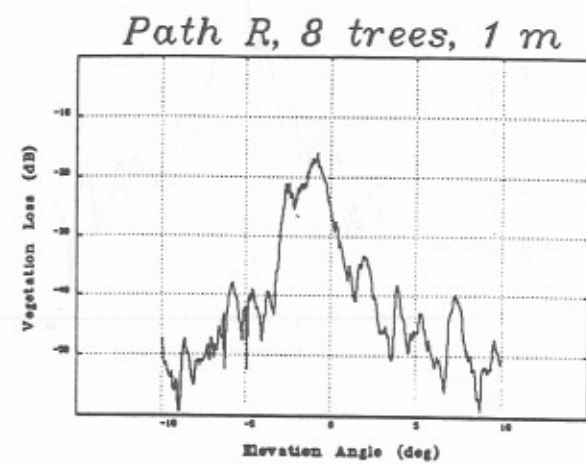
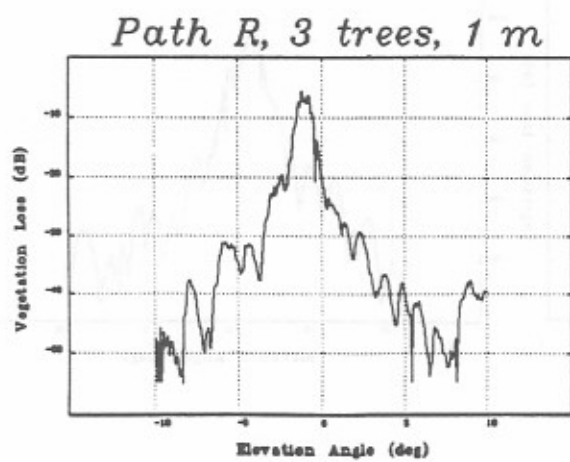
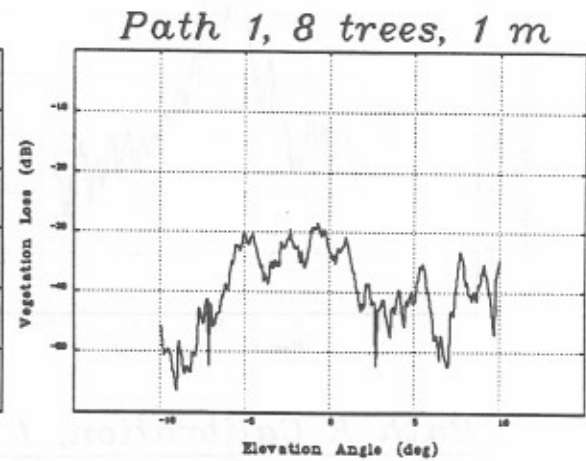
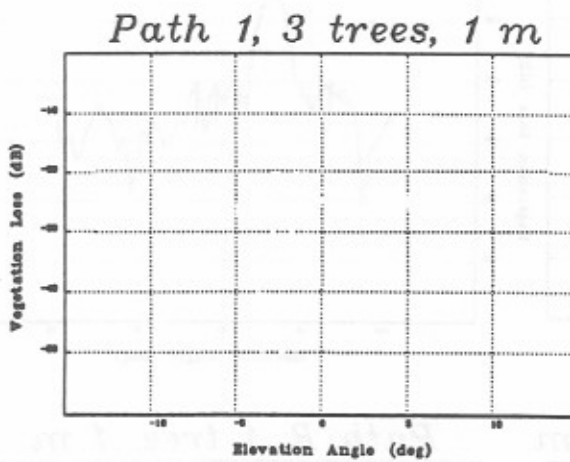
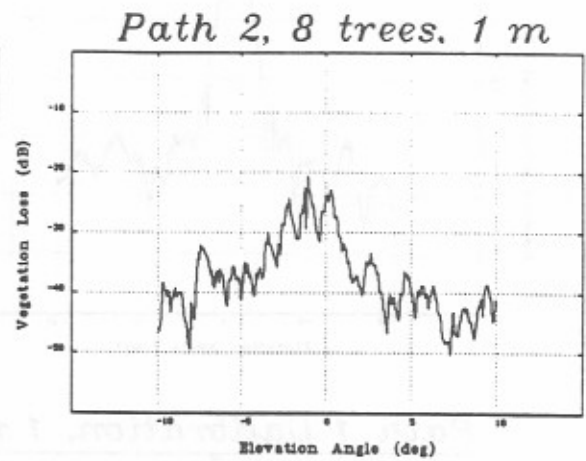
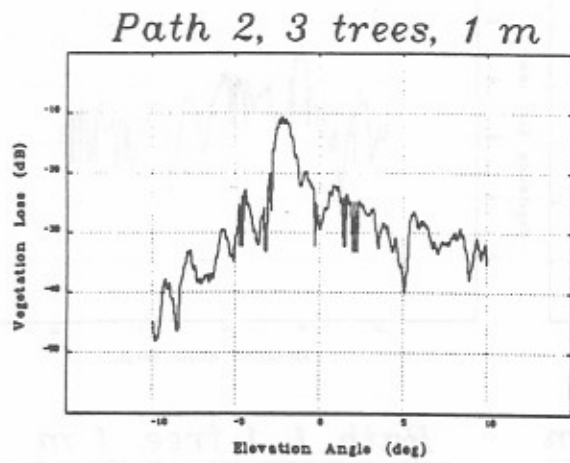


Figure A.3. (continued)

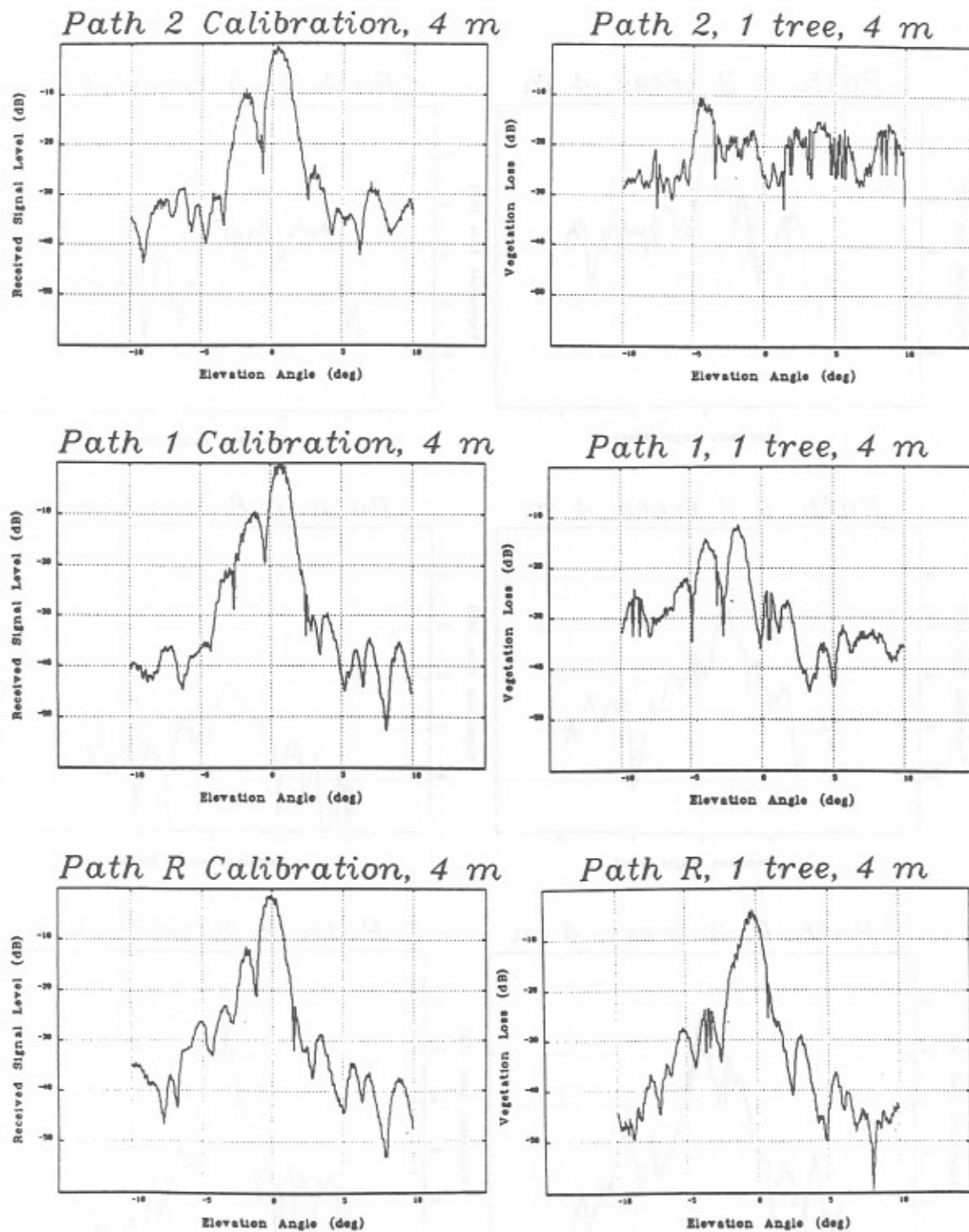


Figure A.4. Amplitude data (4 meter transmitter height) at 28.8 GHz as a function of elevation angle (no leaves).



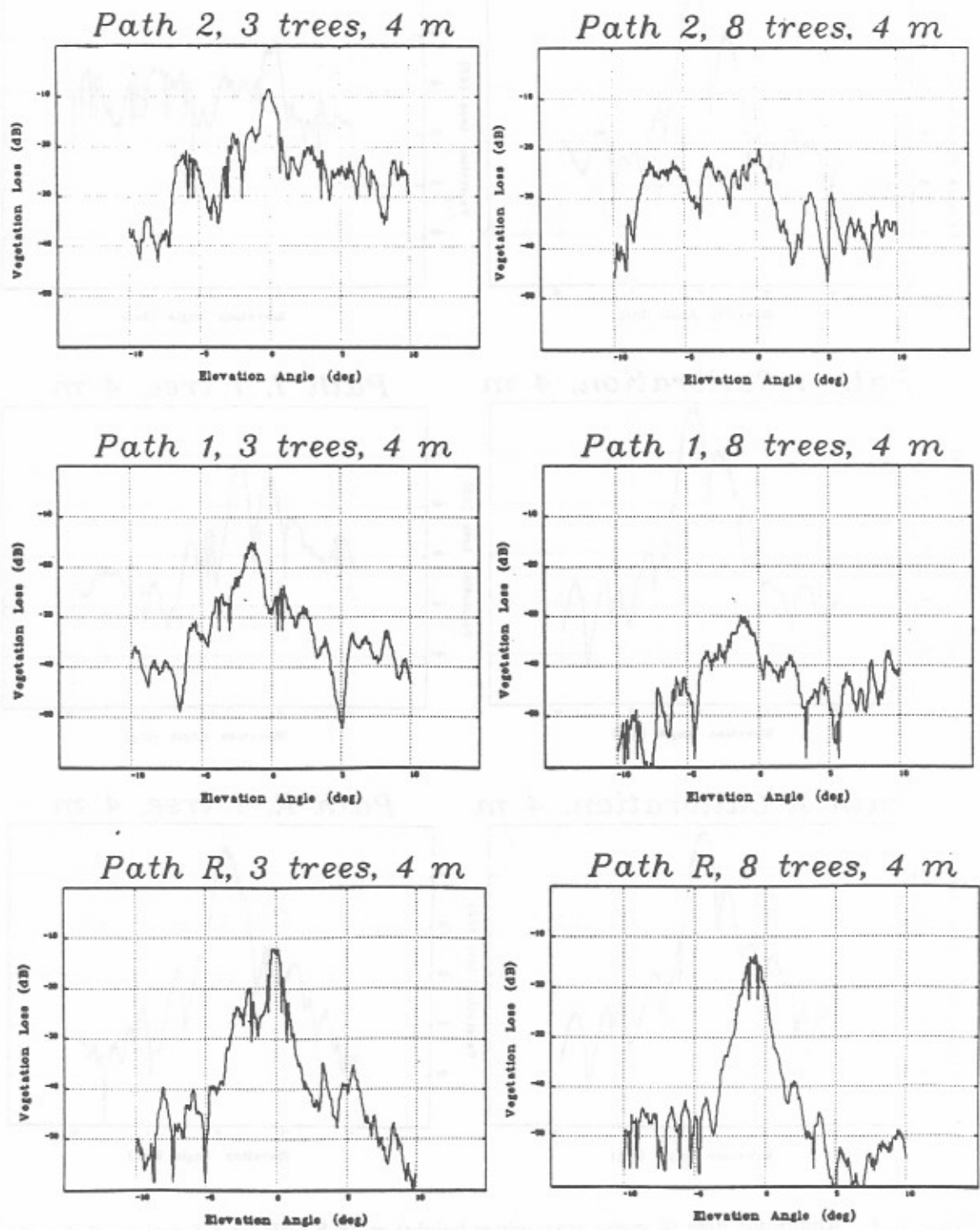


Figure A.4. (continued)

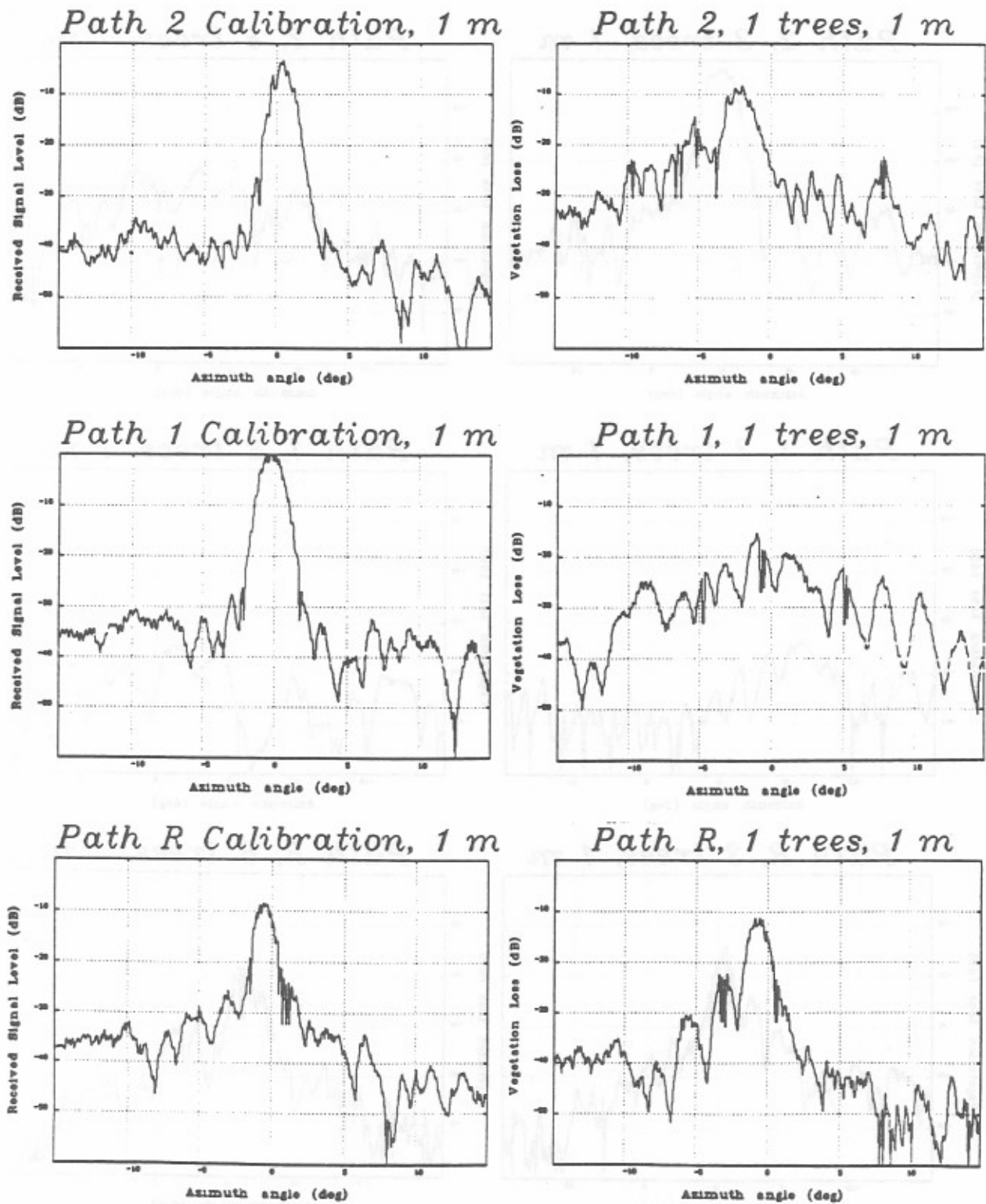


Figure A.5. Amplitude data (1 meter transmitter height) at 28.8 GHz as a function of azimuth angle (with leaves).

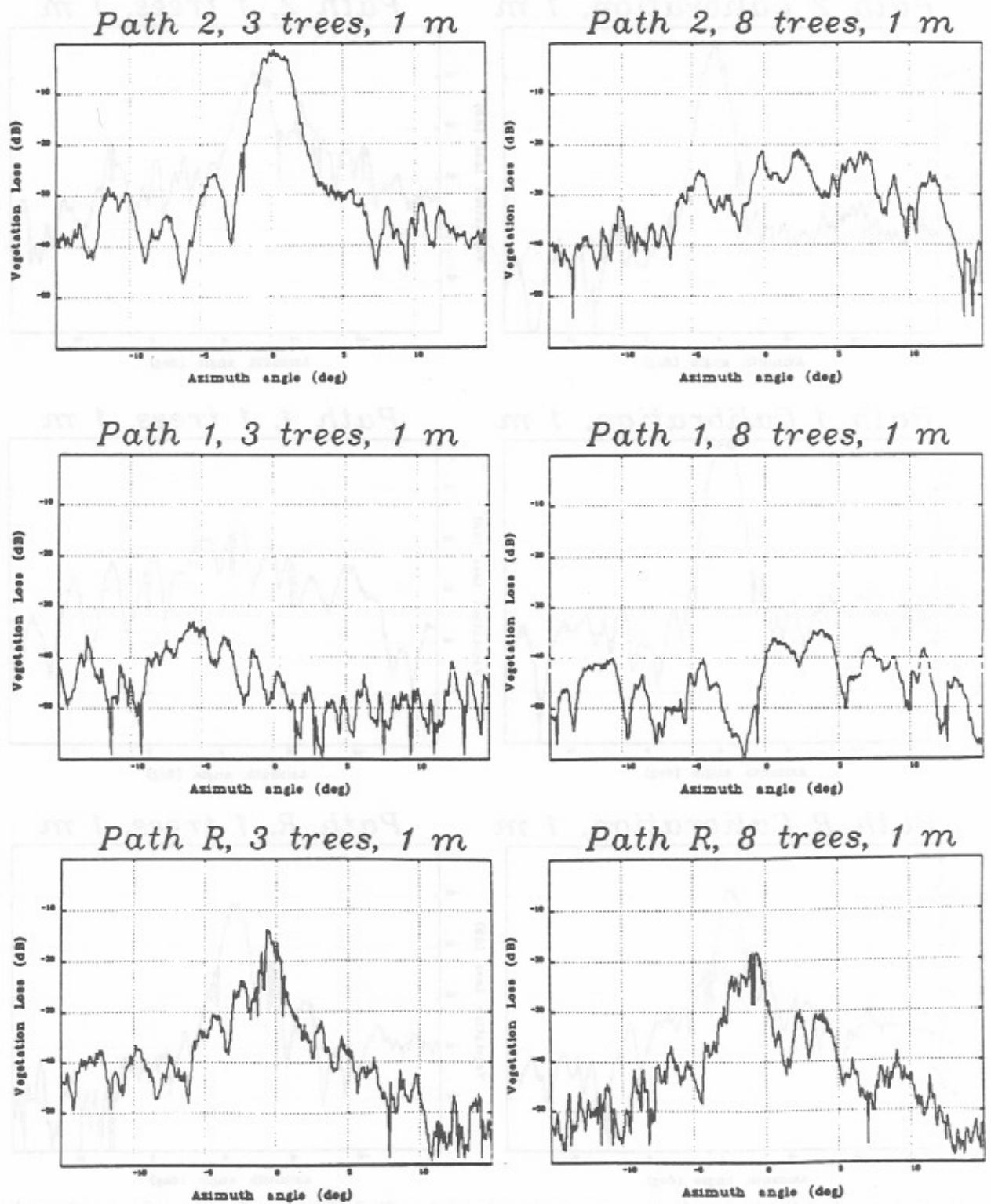


Figure A.5. (continued)

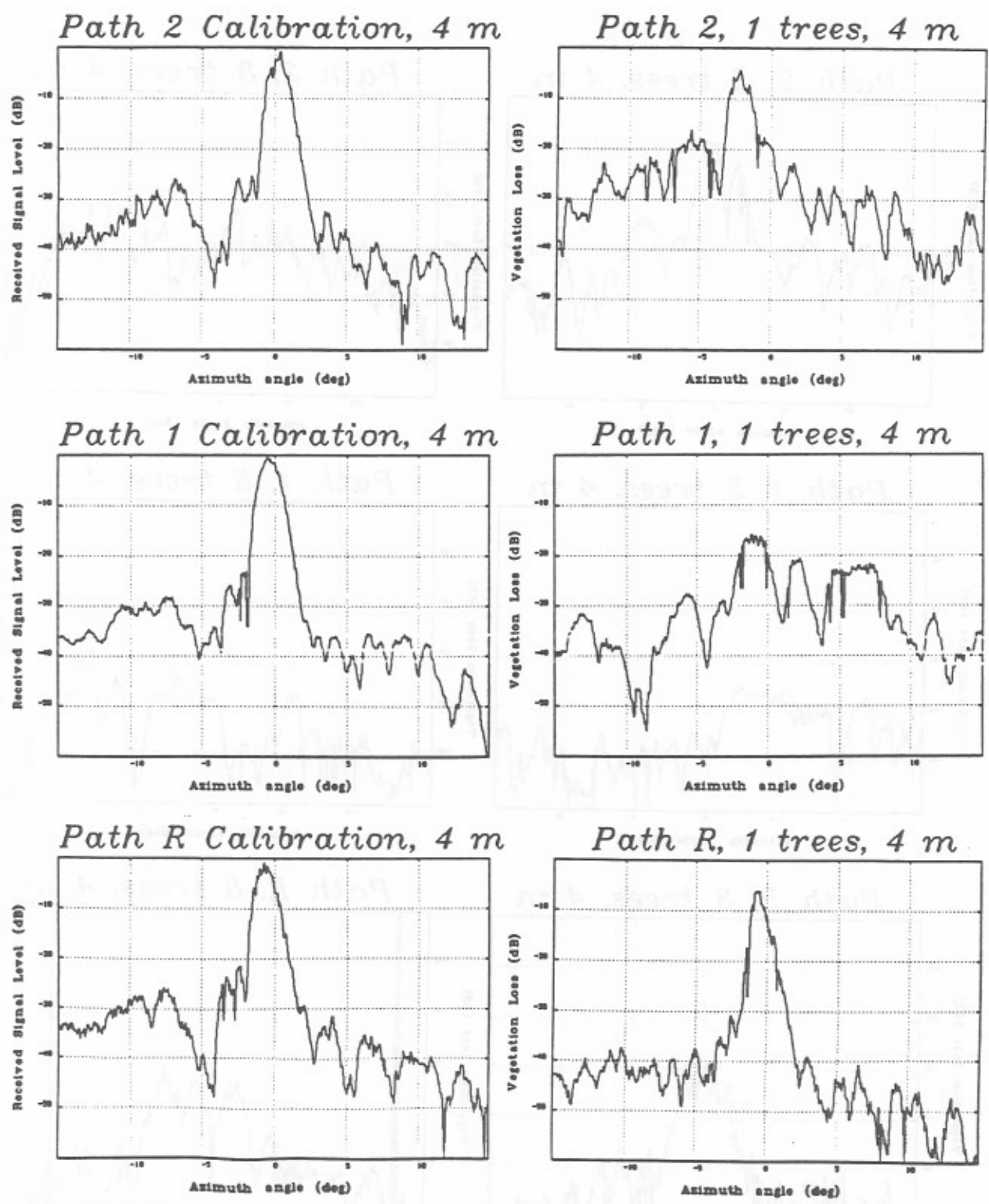


Figure A.6. Amplitude data (4 meter transmitter height) at 28.8 GHz as a function of azimuth angle (with leaves).

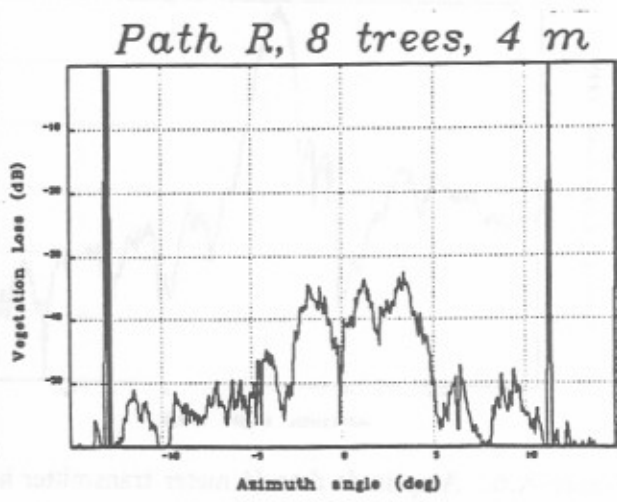
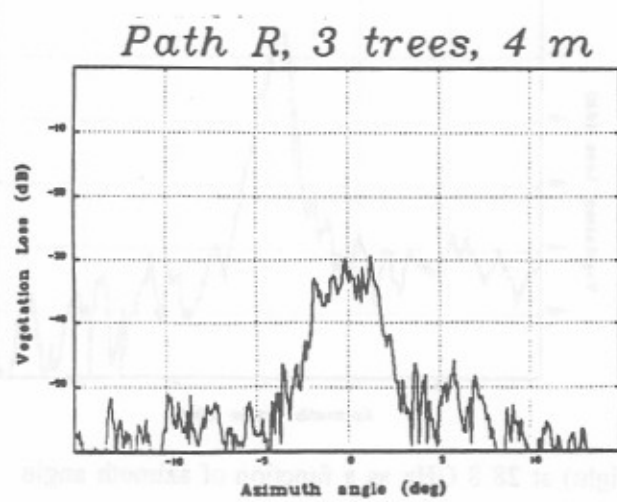
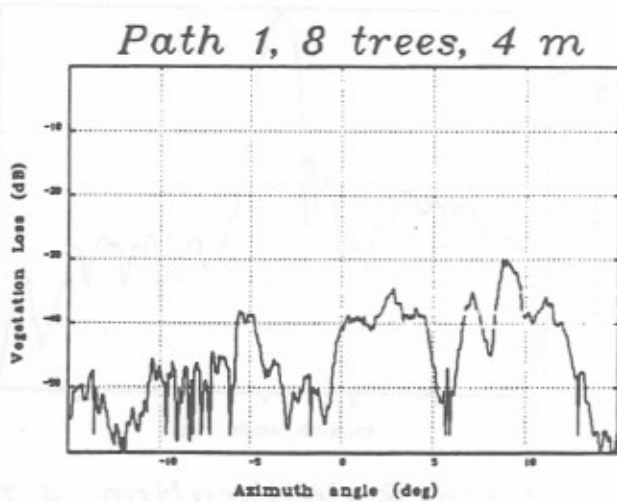
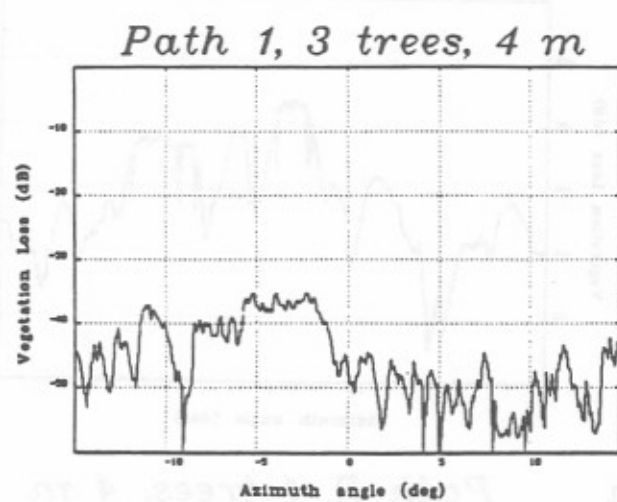
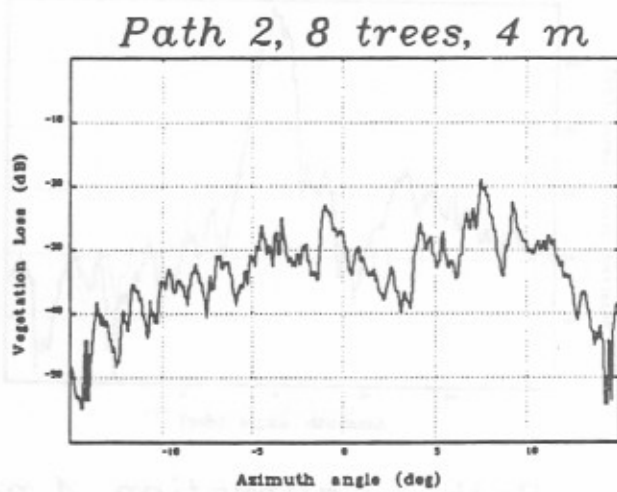
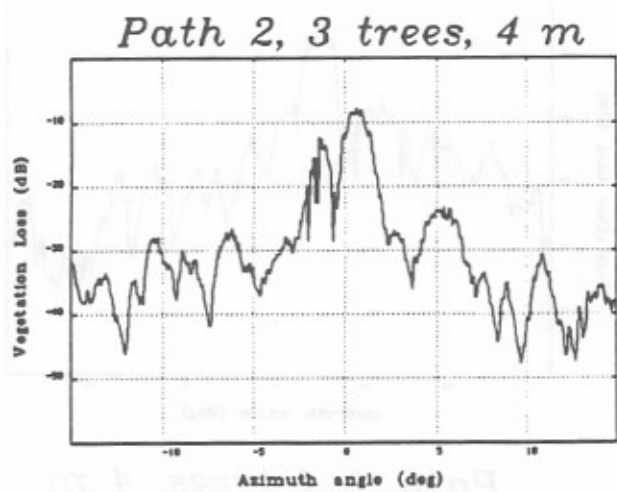


Figure A.6. (continued)

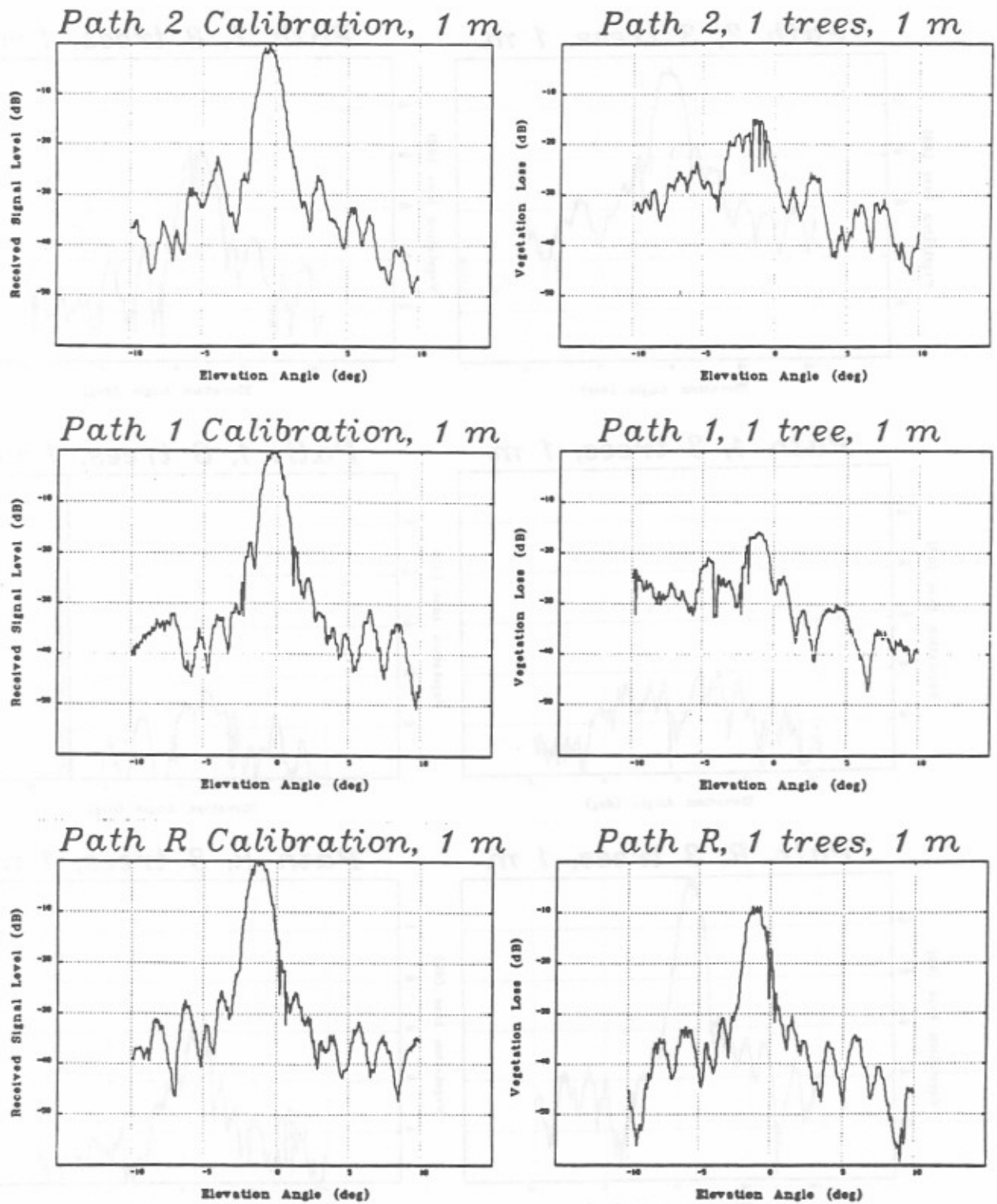
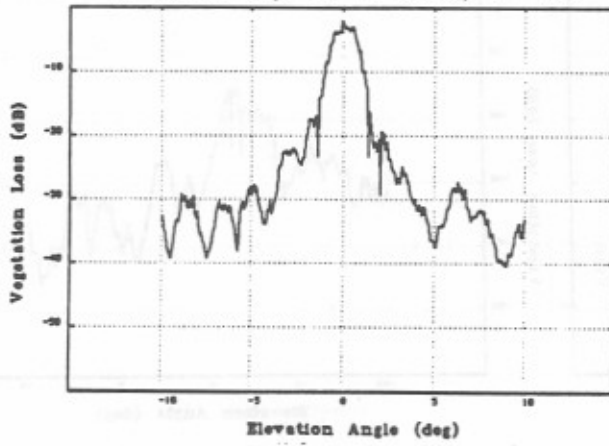
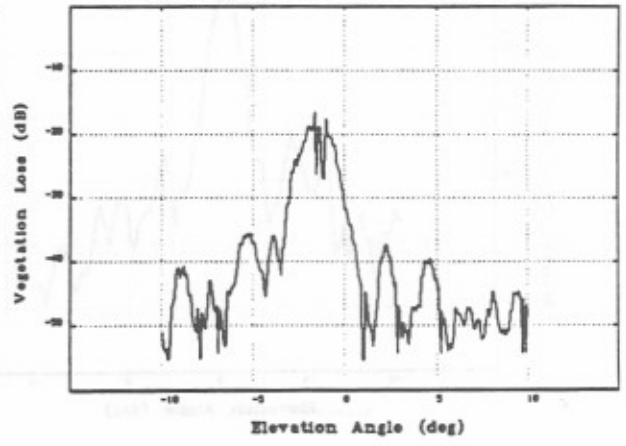


Figure A.7. Amplitude data (1 meter transmitter height) at 28.8 GHz as a function of elevation angle (with leaves).

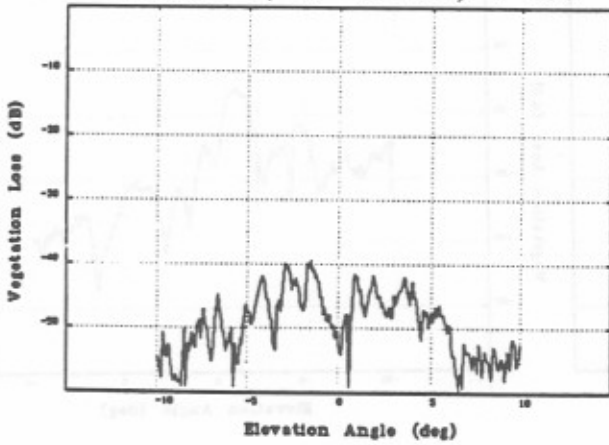
*Path 2, 3 trees, 1 m*



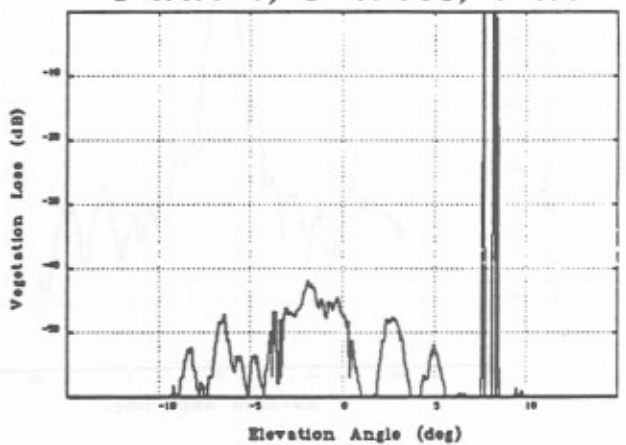
*Path 2, 8 trees, 1 m*



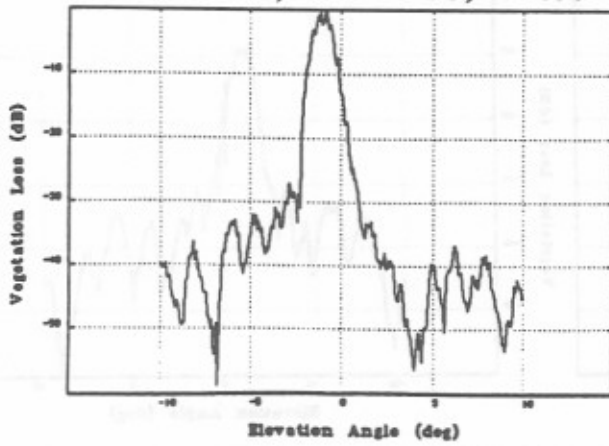
*Path 1, 3 trees, 1 m*



*Path 1, 8 trees, 1 m*



*Path R, 3 trees, 1 m*



*Path R, 8 trees, 1 m*

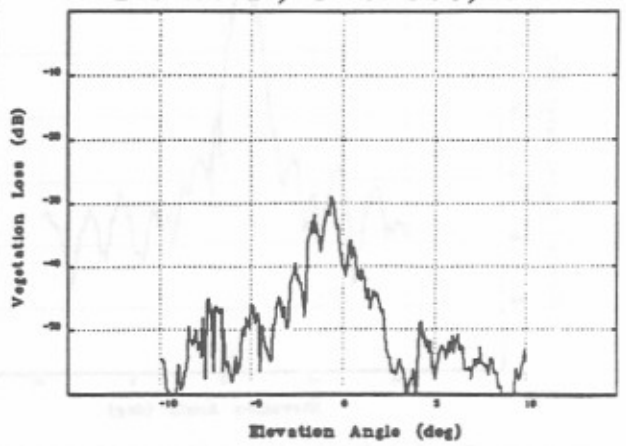


Figure A.7. (continued)

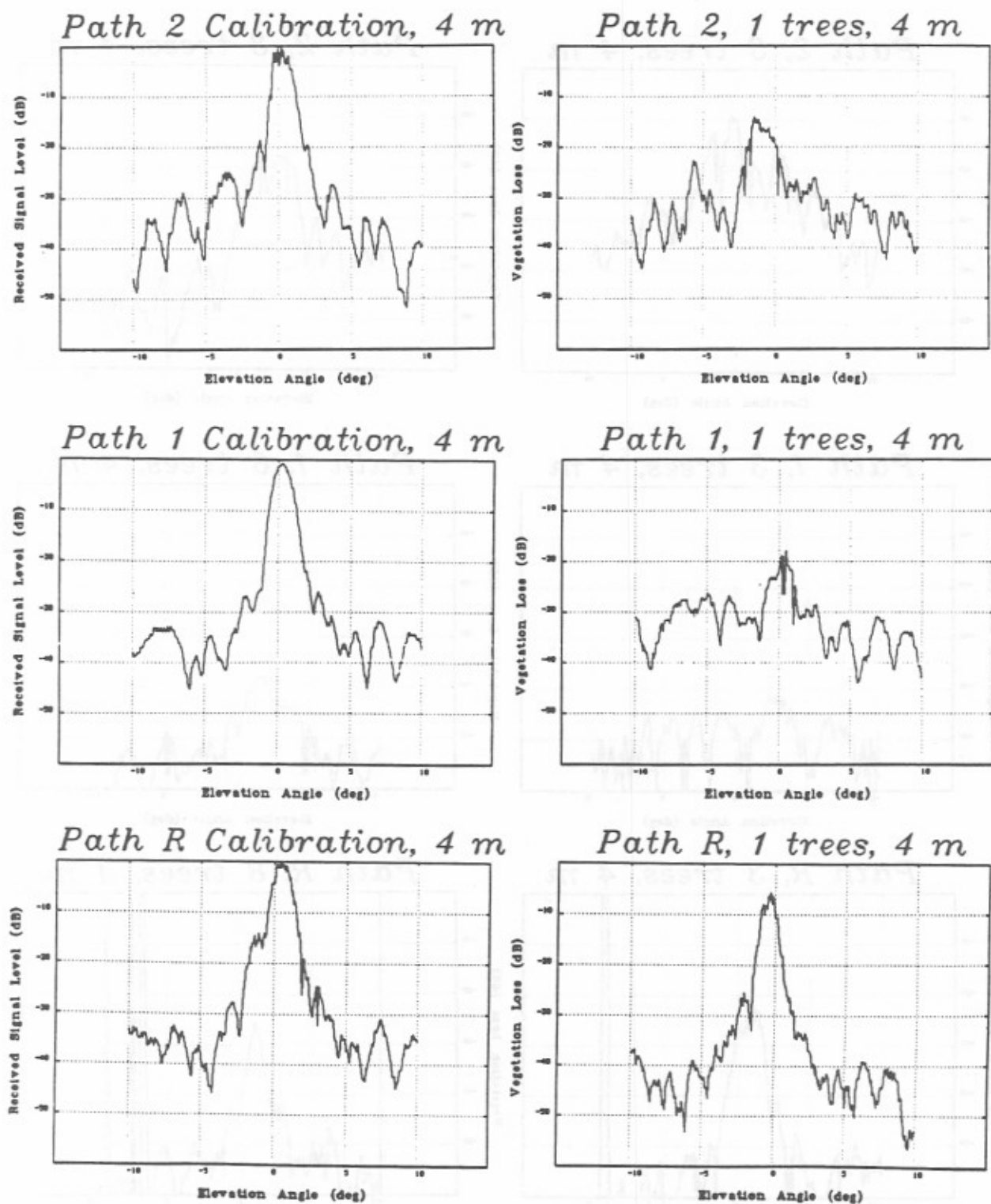


Figure A.8. Amplitude data (4 meter transmitter height) at 28.8 GHz as a function of elevation angle (with leaves).



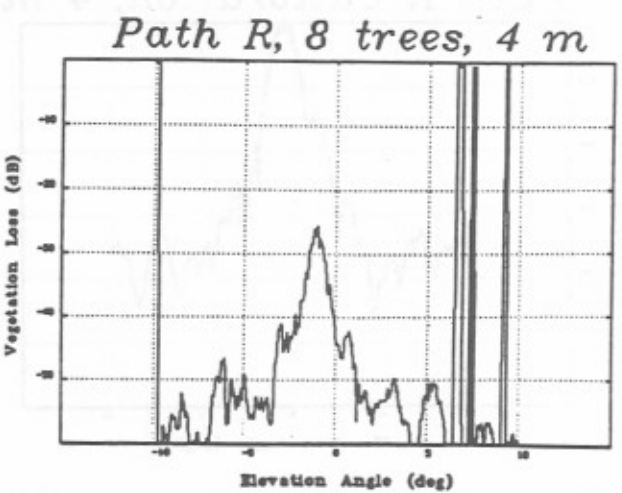
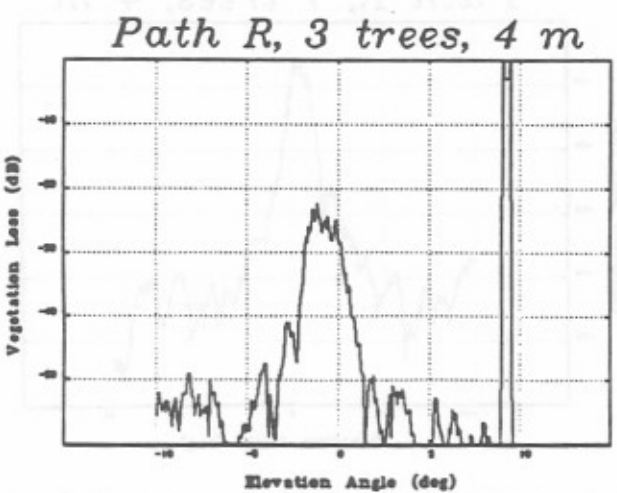
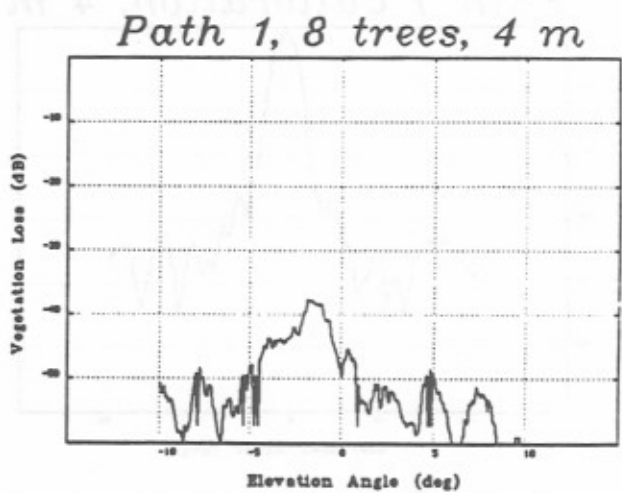
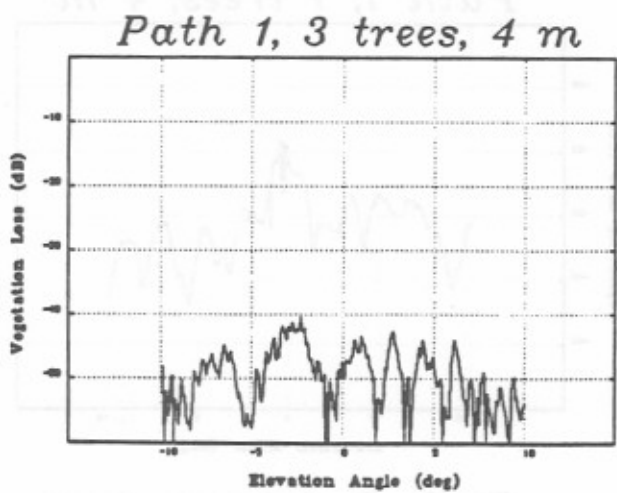
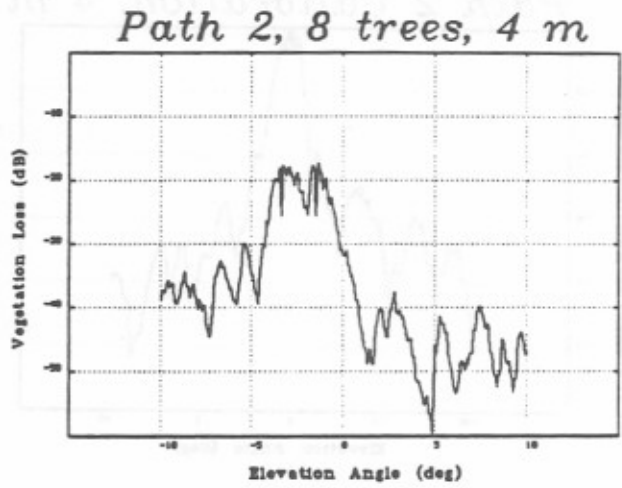
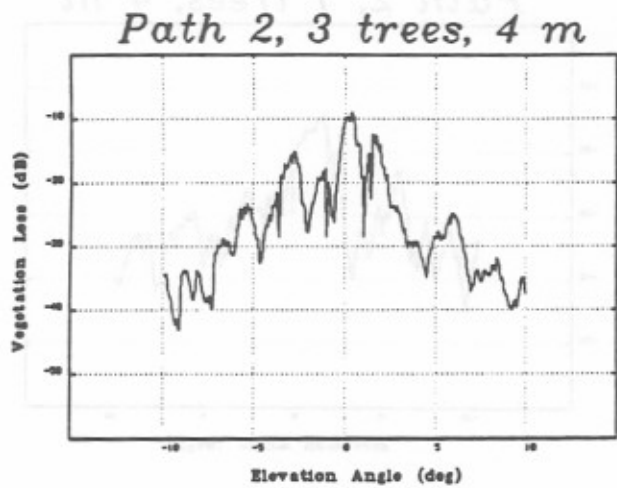


Figure A.8. (continued)