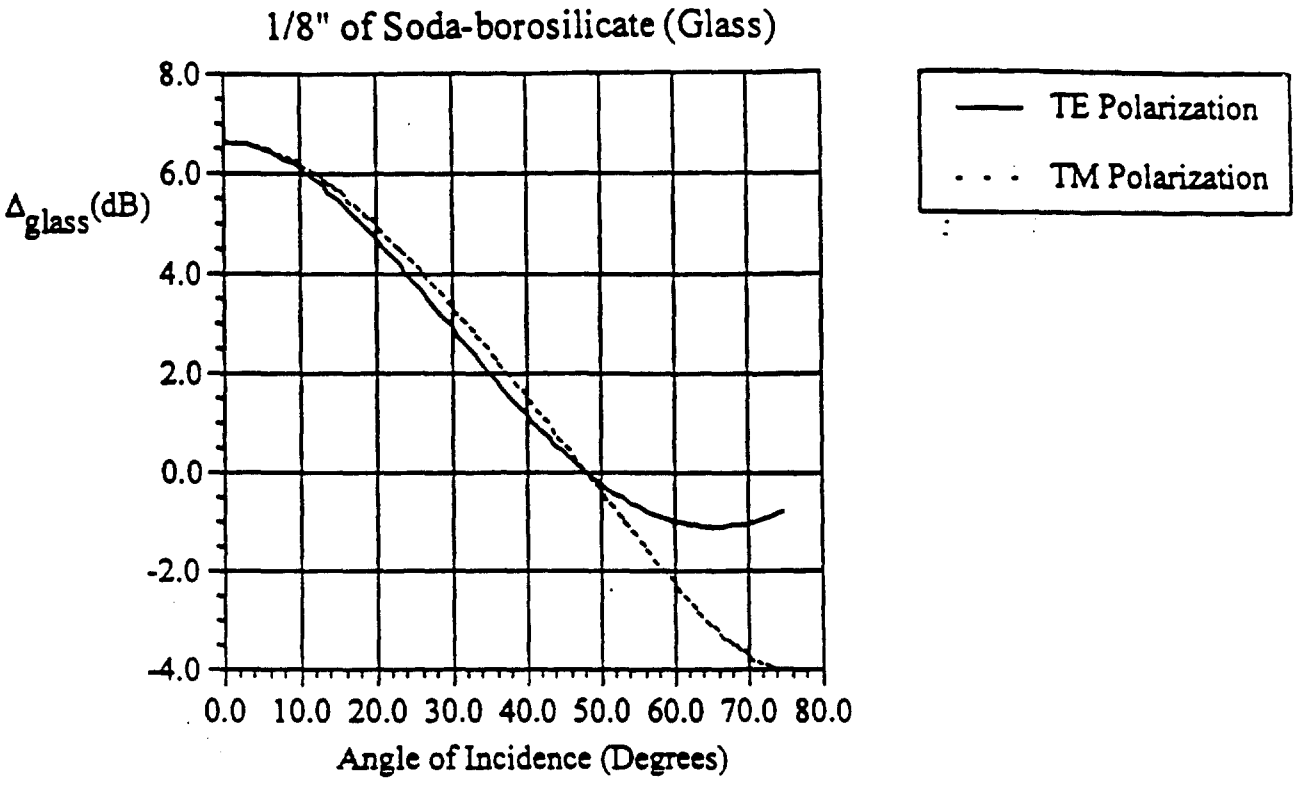


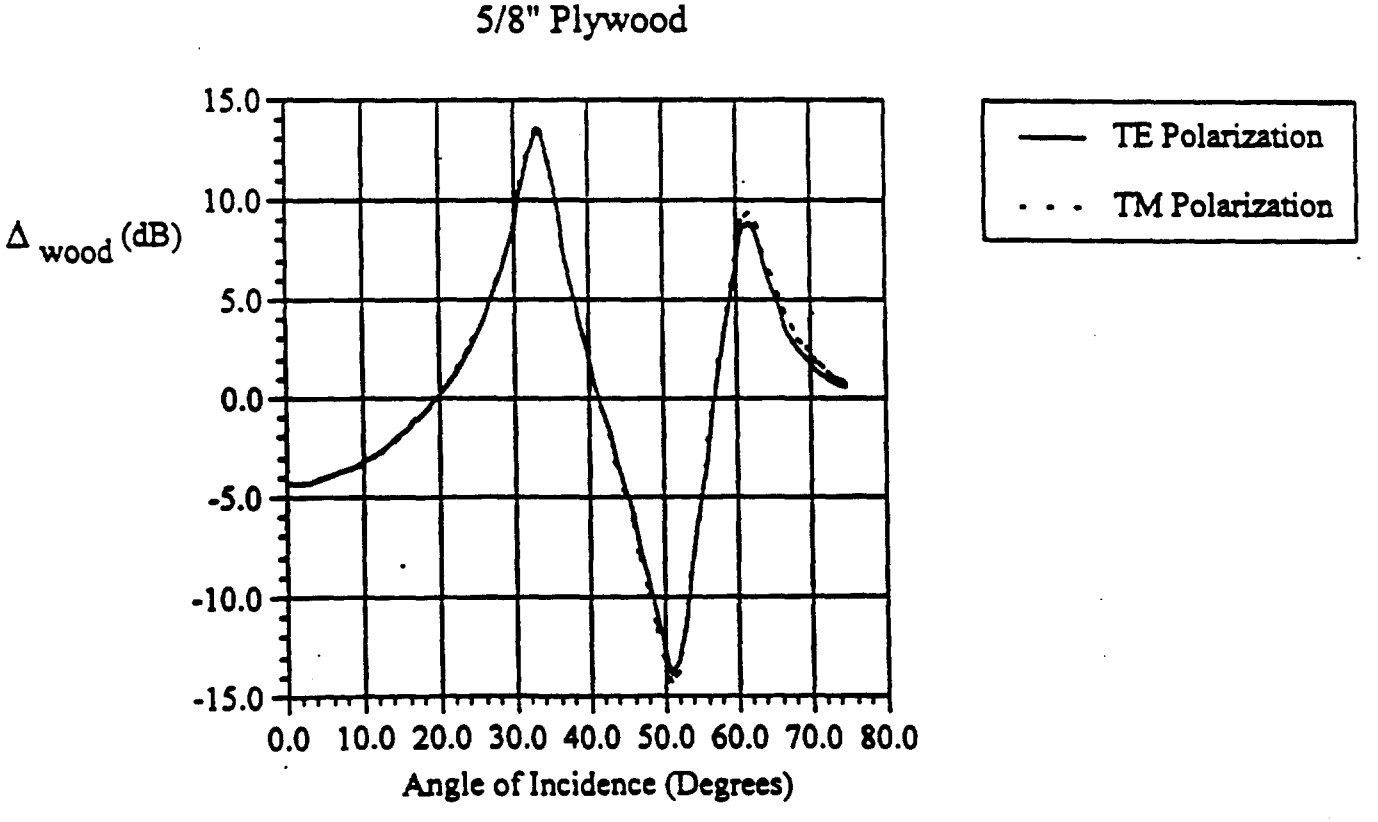
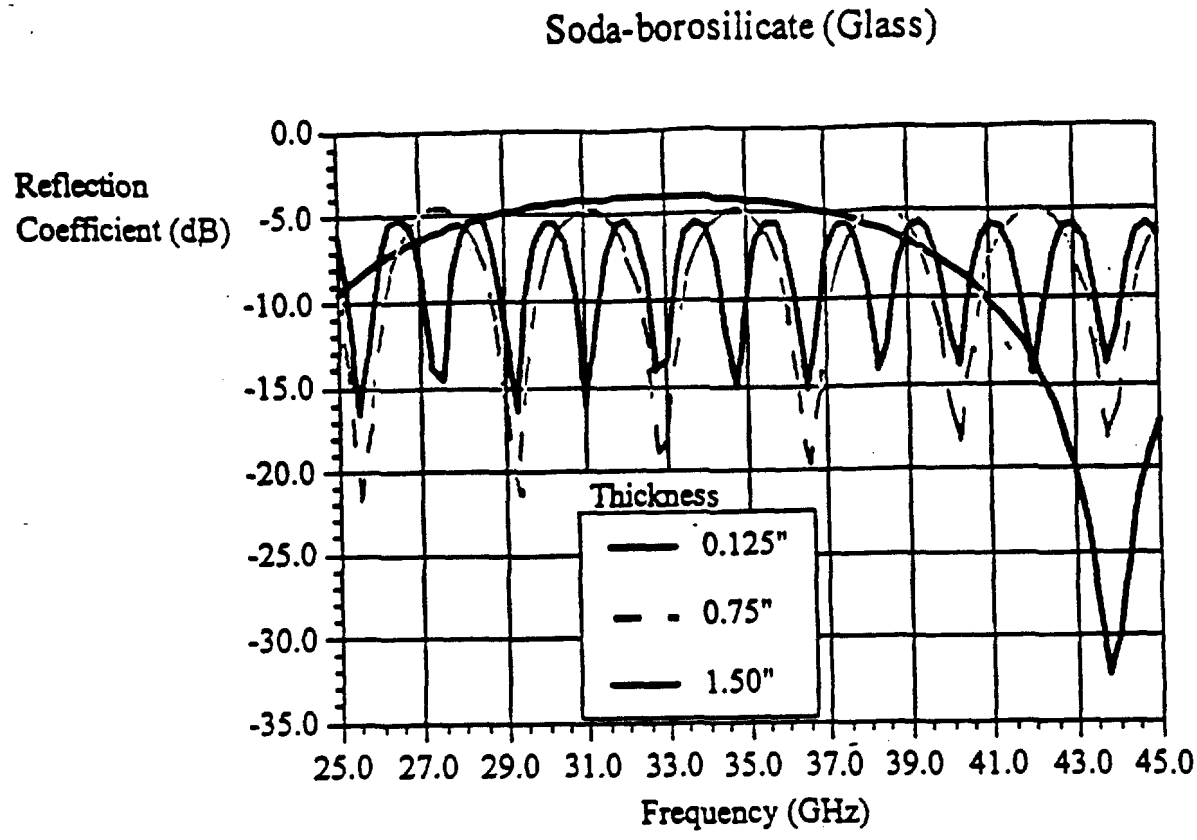


Figure 4. Change in Reflection Coefficient at 28.5 GHz -vs- 41.5 GHz.



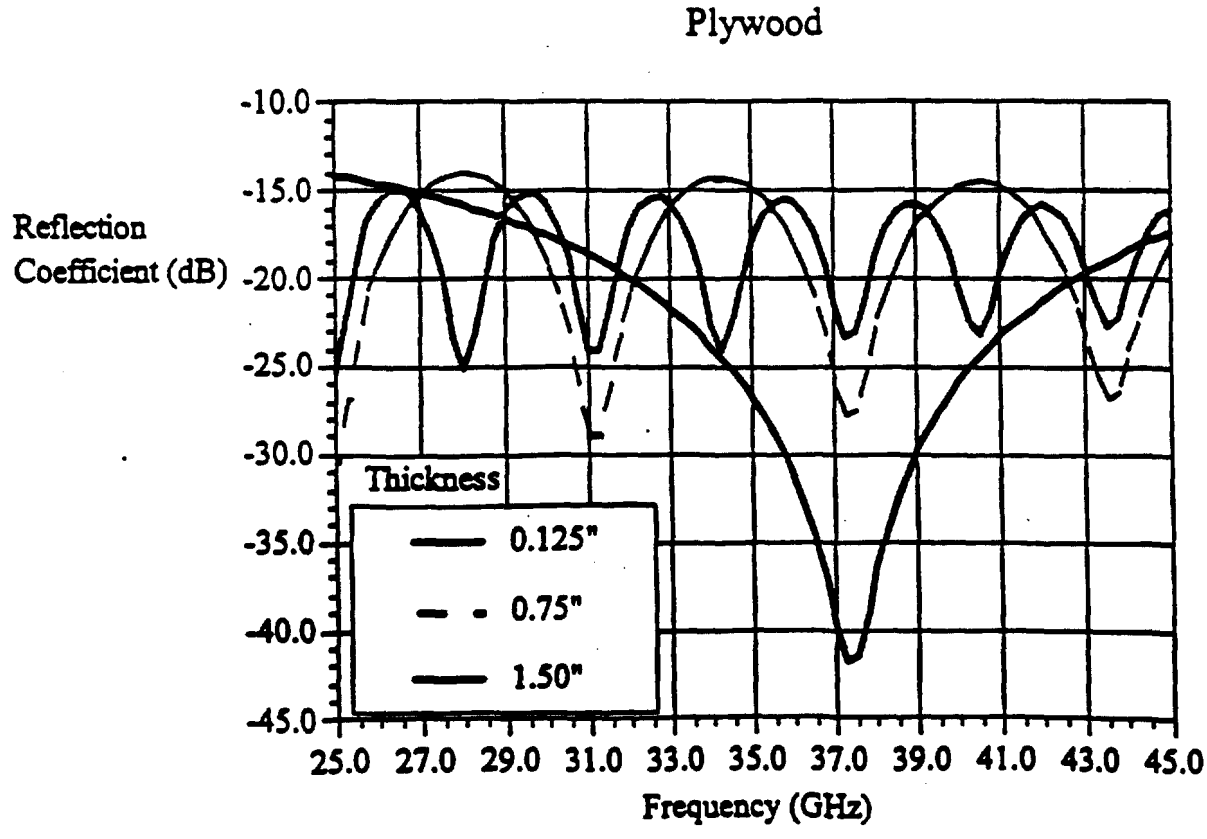


Figure 5. Reflection Coefficient as a Function of Material Thickness and Frequency. Zero Degree Angle of Incidence.

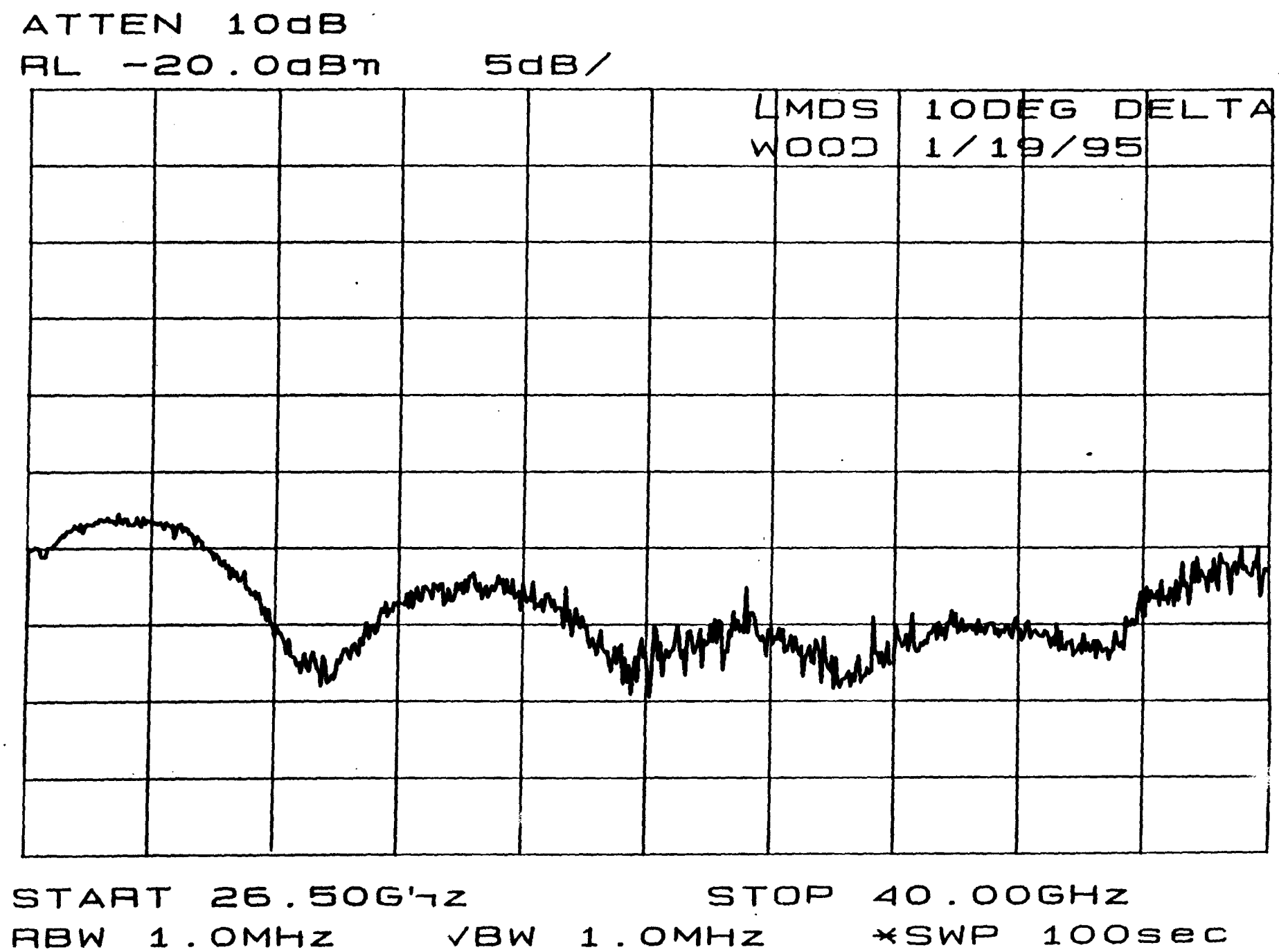


Figure 6. Measured reflection for wood at a 10° incident angle.

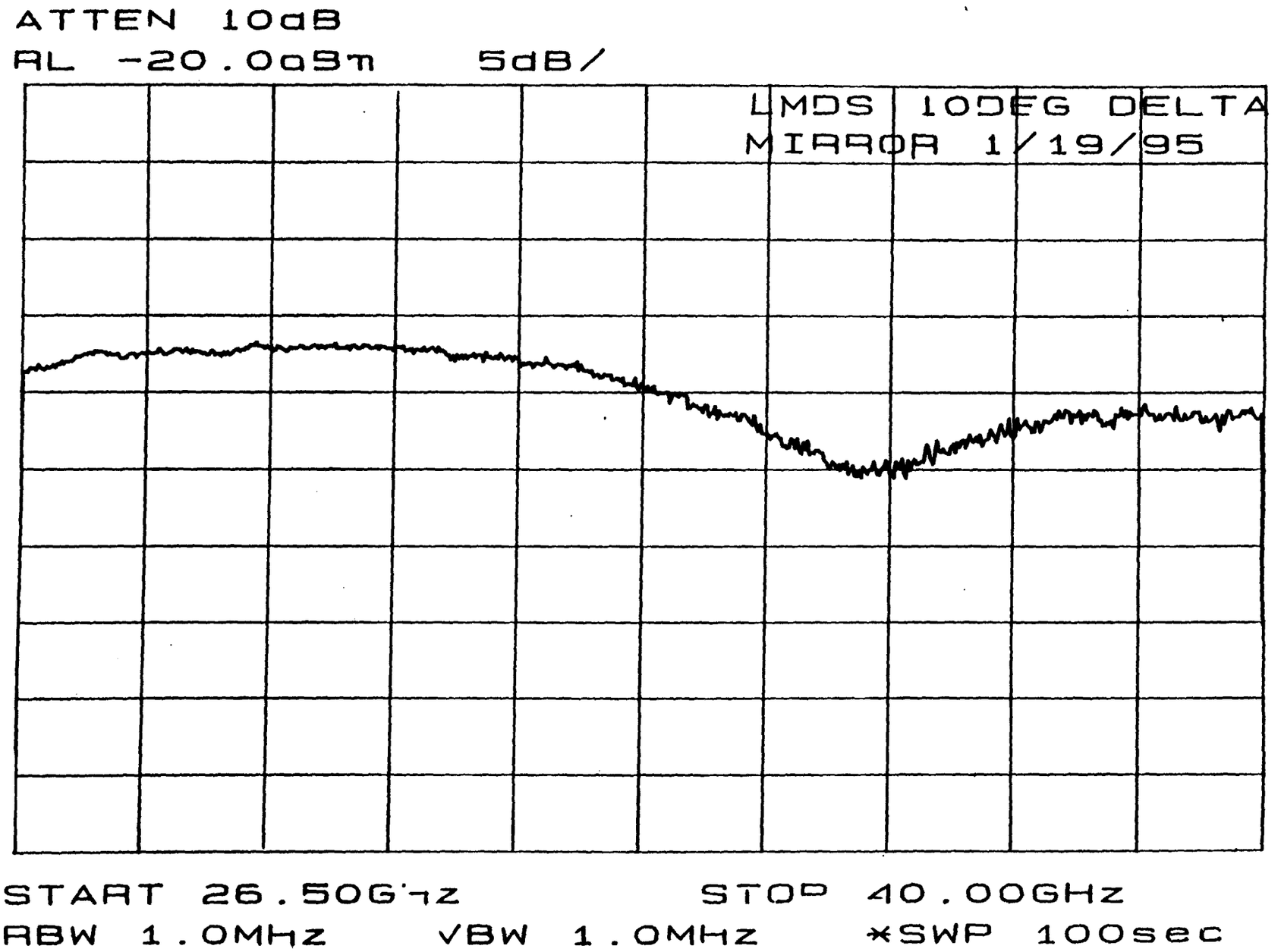
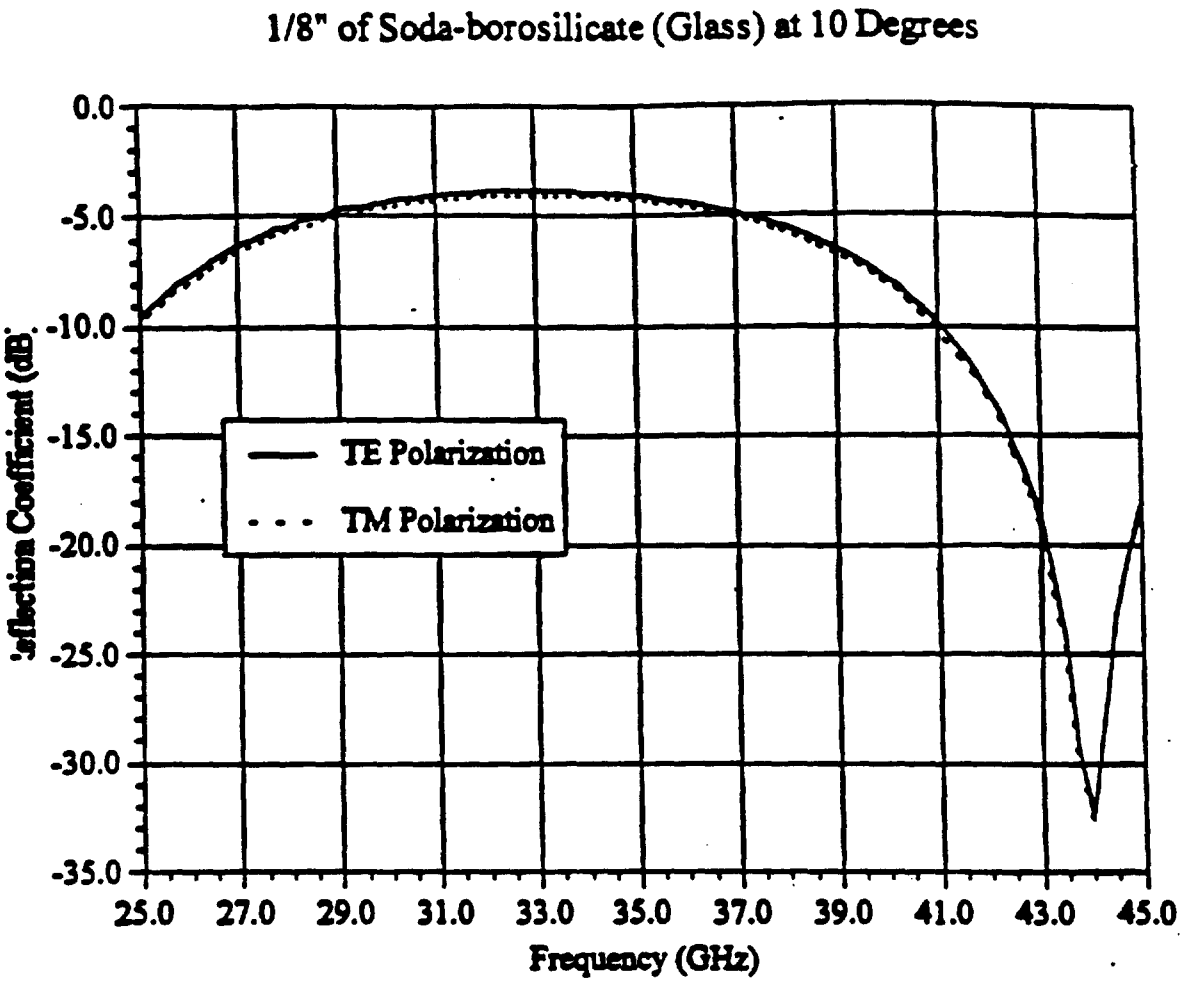


Figure 7. Measured reflection for mirror at a 10° incident angle.



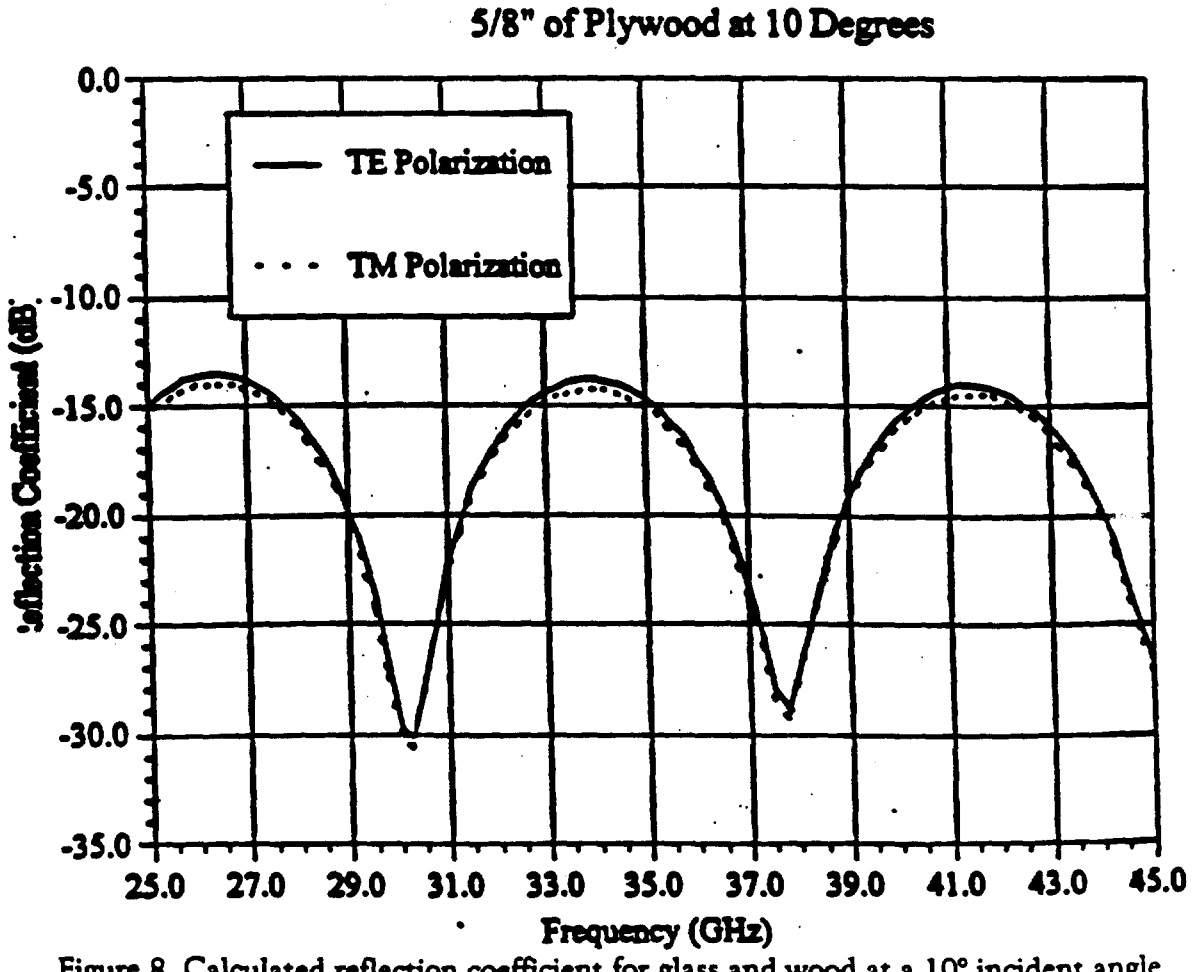


Figure 8. Calculated reflection coefficient for glass and wood at a 10° incident angle.

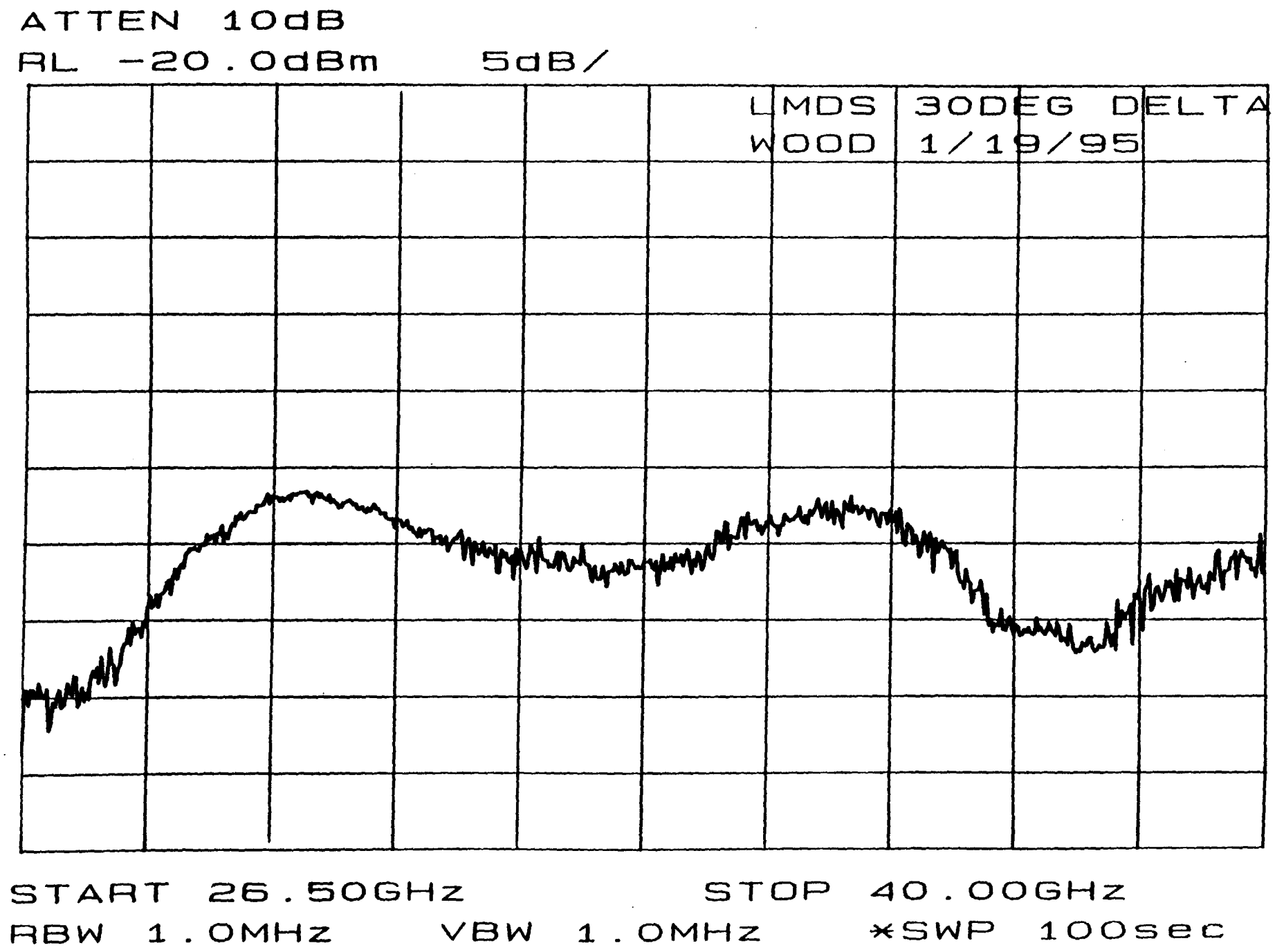


Figure 9. Measured reflection for wood at a 30° incident angle.

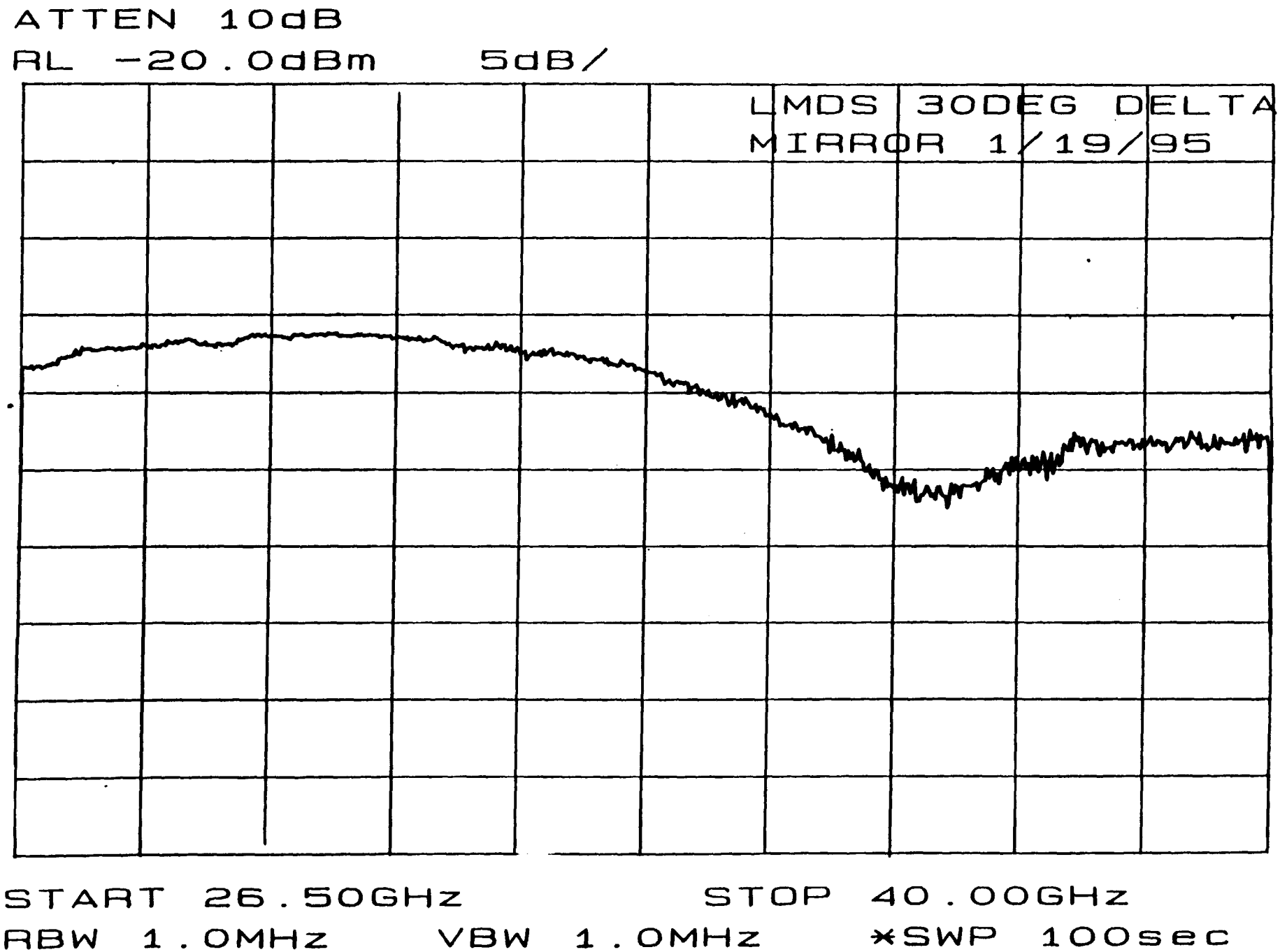
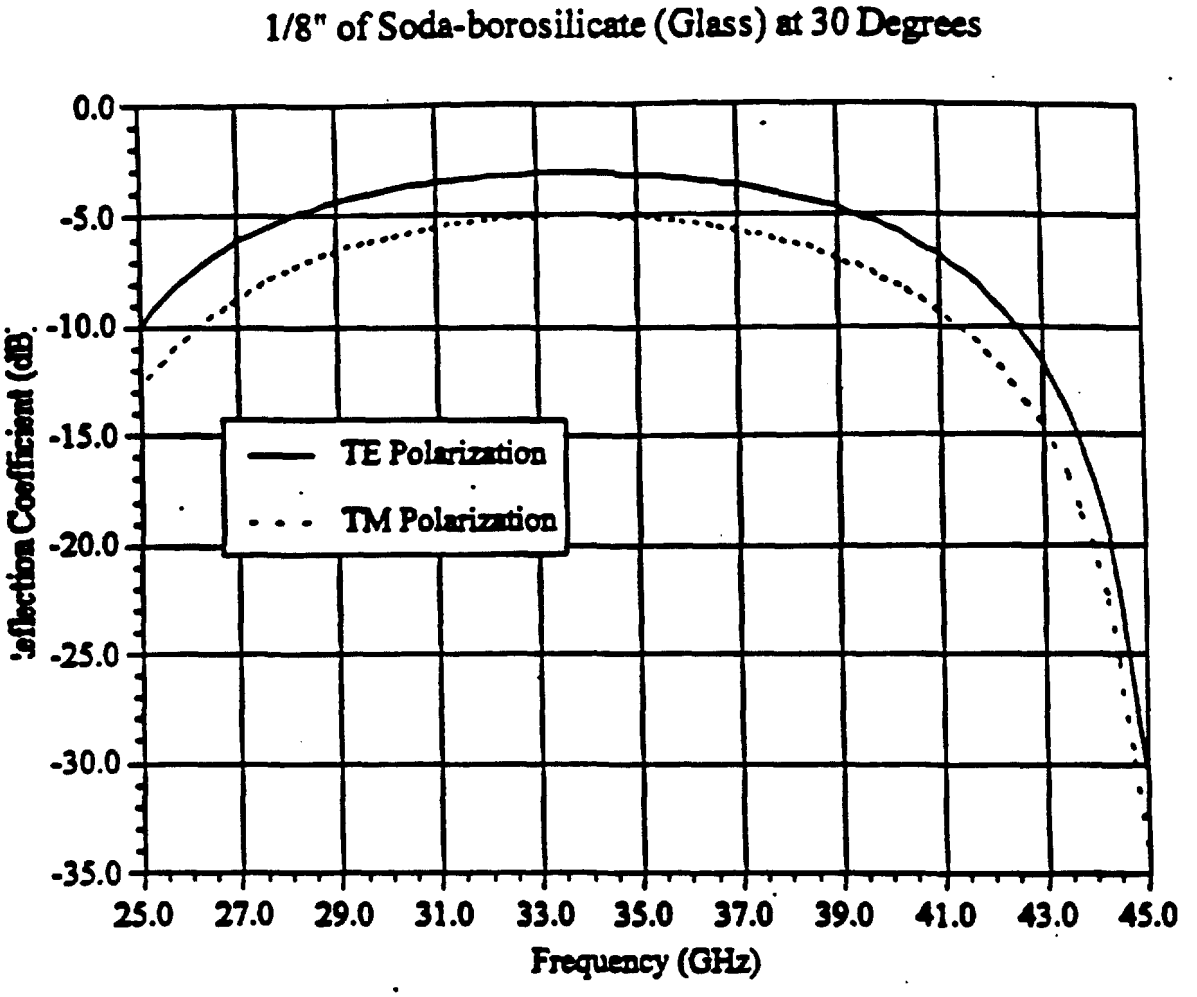


Figure 10. Measured reflection for mirror at a 30° incident angle.



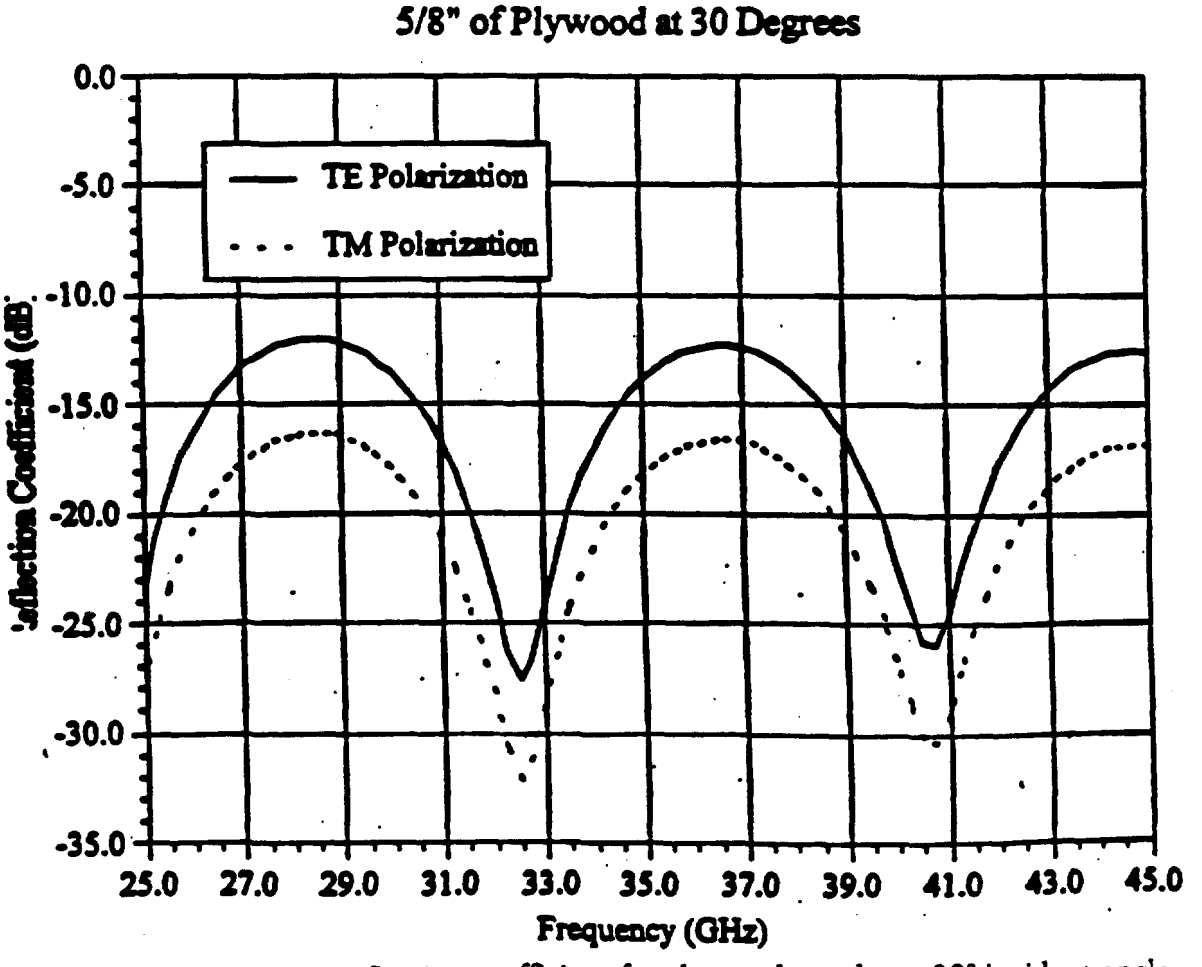


Figure 11. Calculated reflection coefficient for glass and wood at a 30° incident angle.

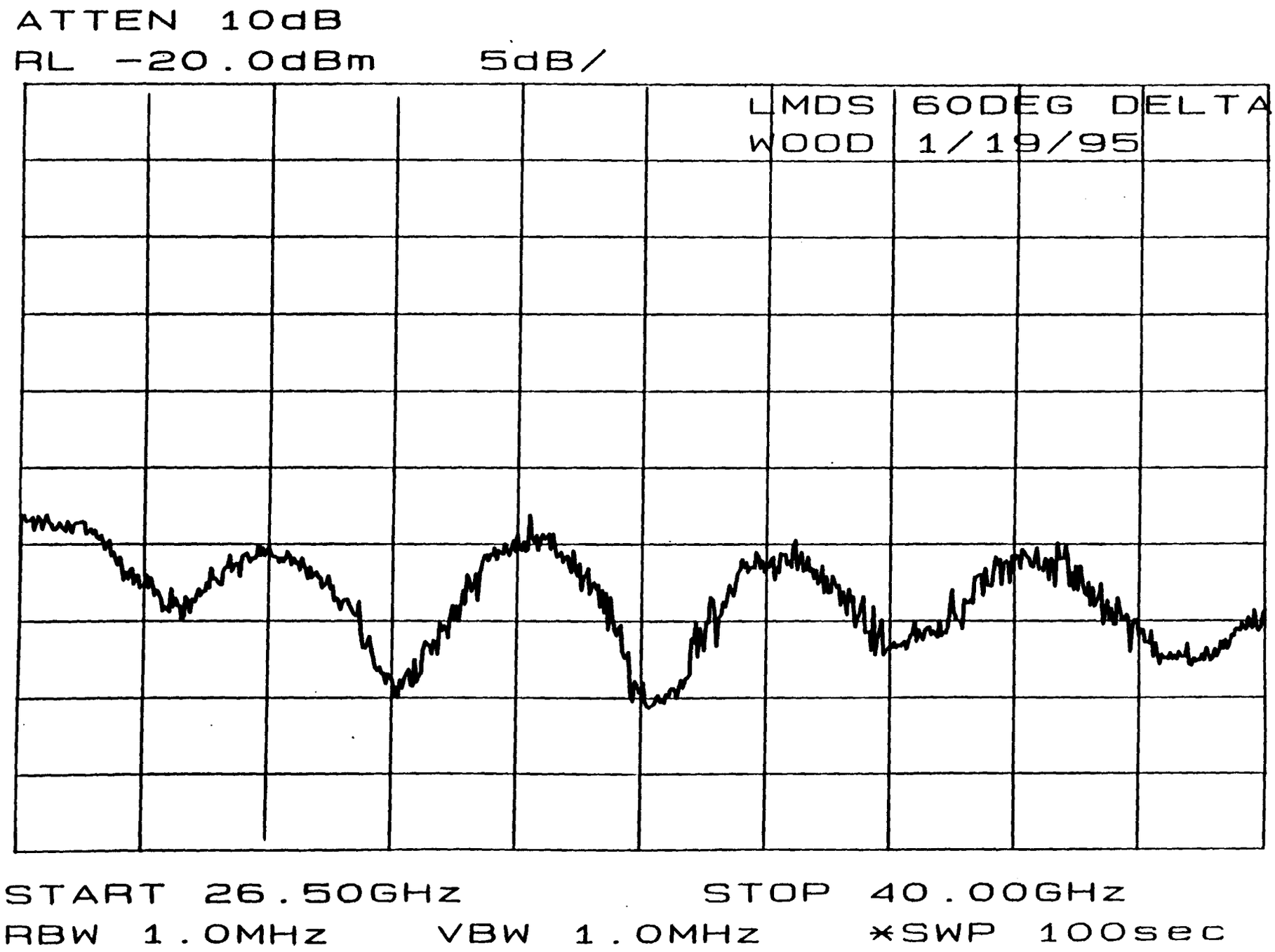


Figure 12. Measured reflection for wood at a 60° incident angle.

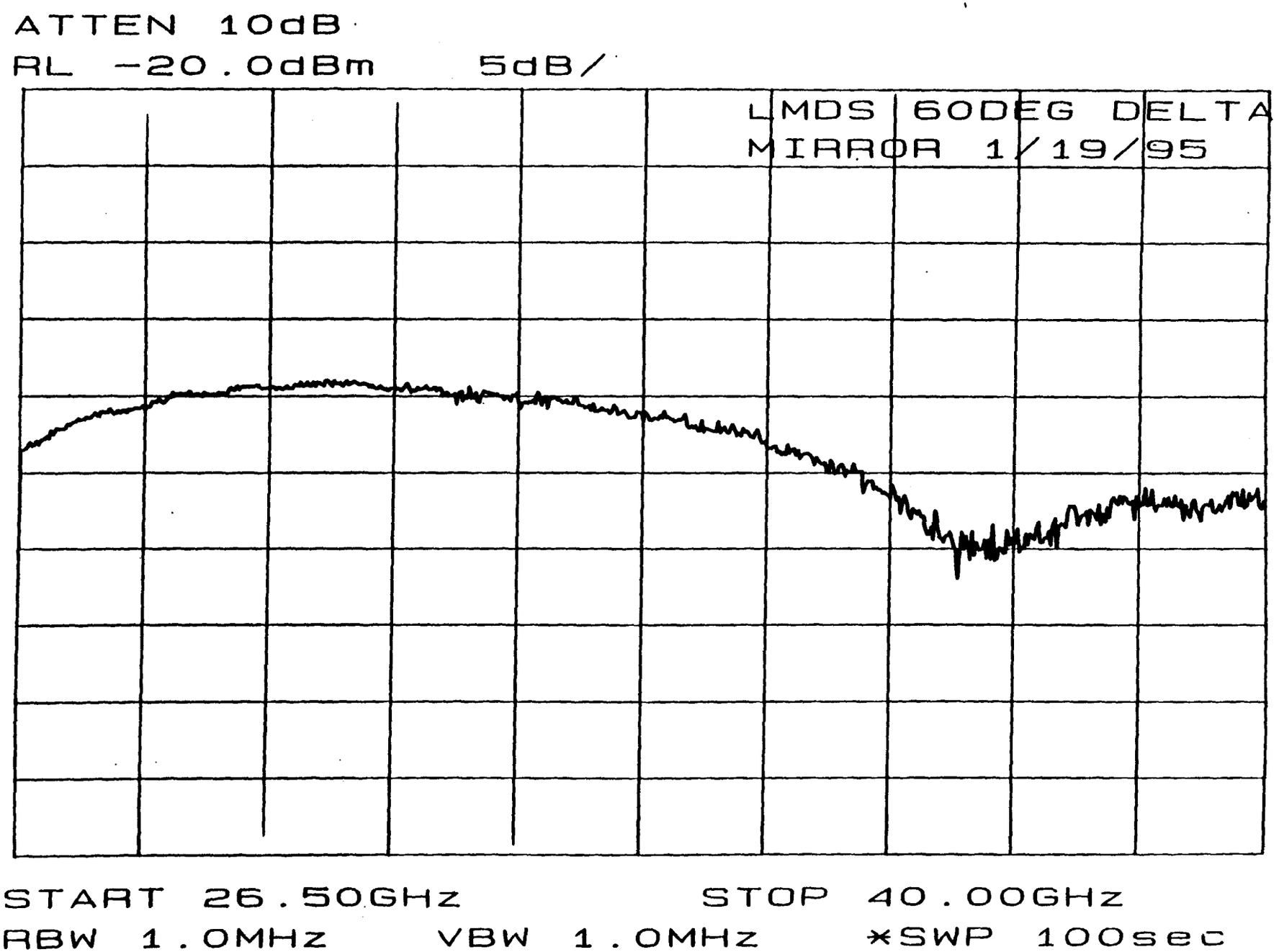
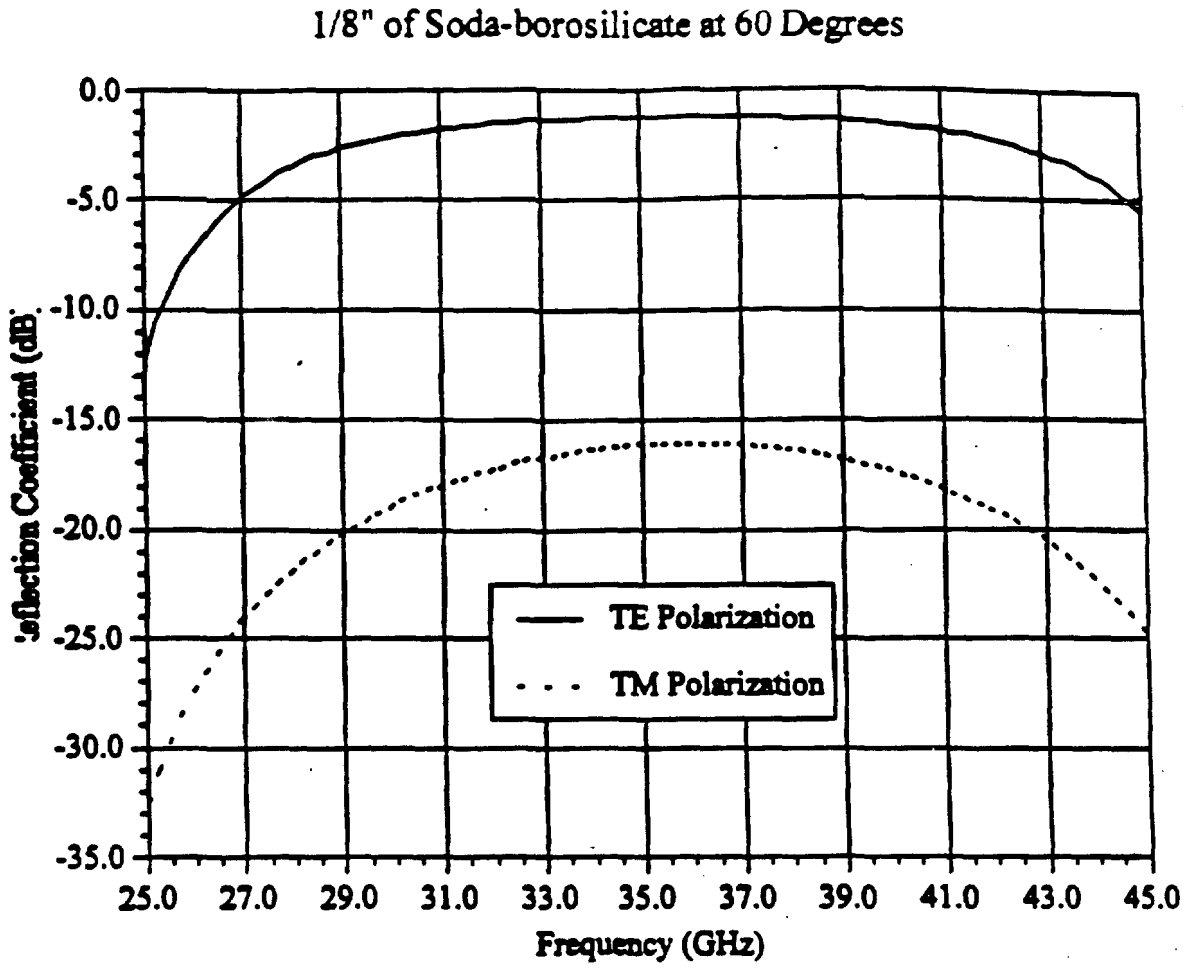


Figure 13. Measured reflection for mirror at a 60° incident angle.



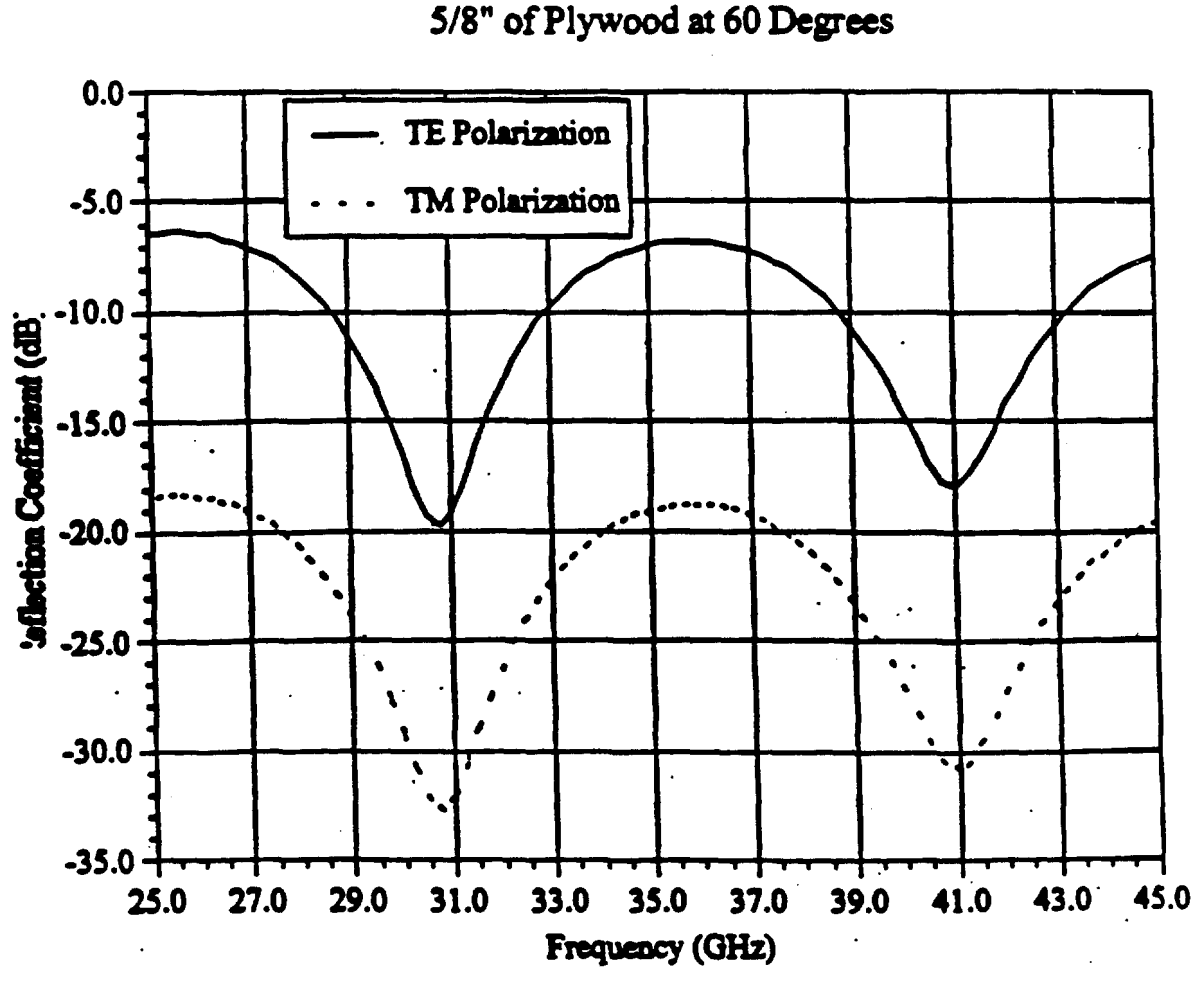


Figure 14. Calculated reflection coefficient for glass and wood at a 60° incident angle.