

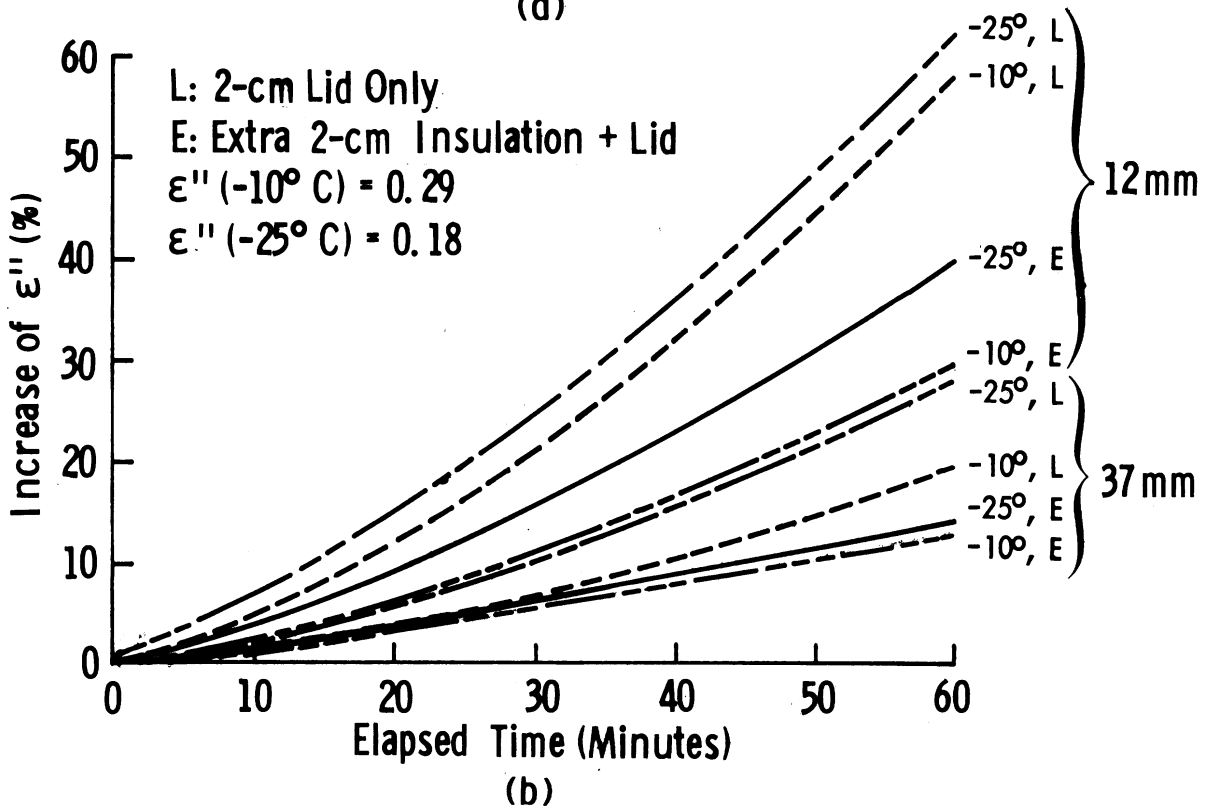
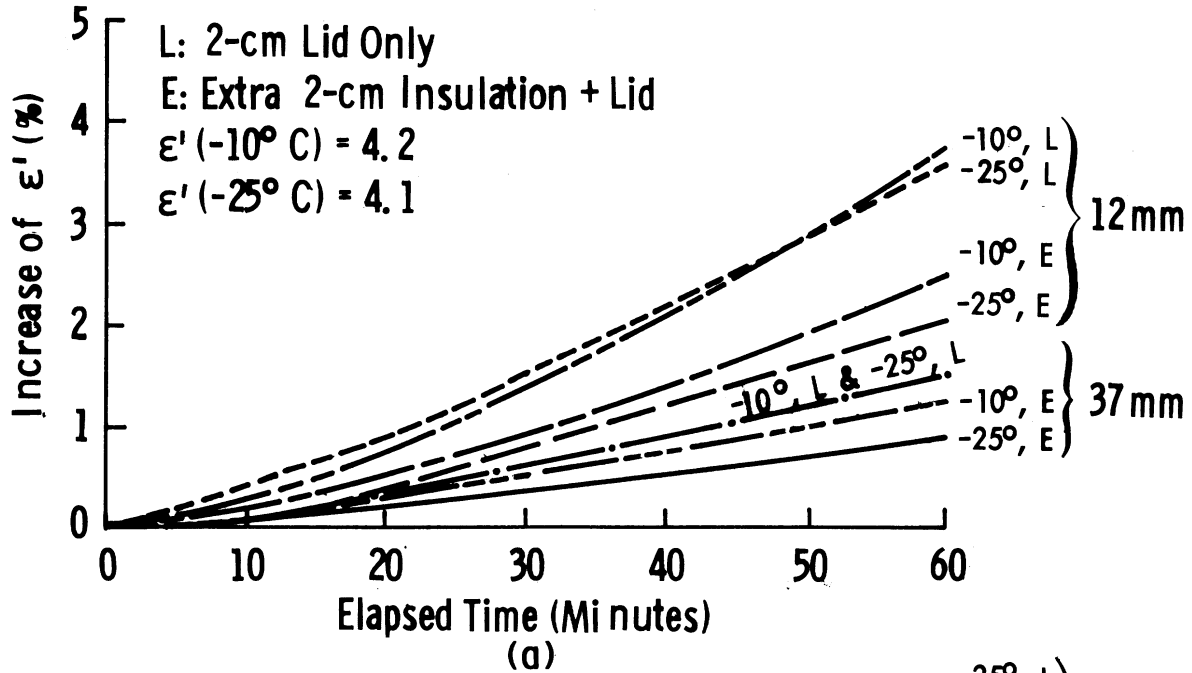
Field 2

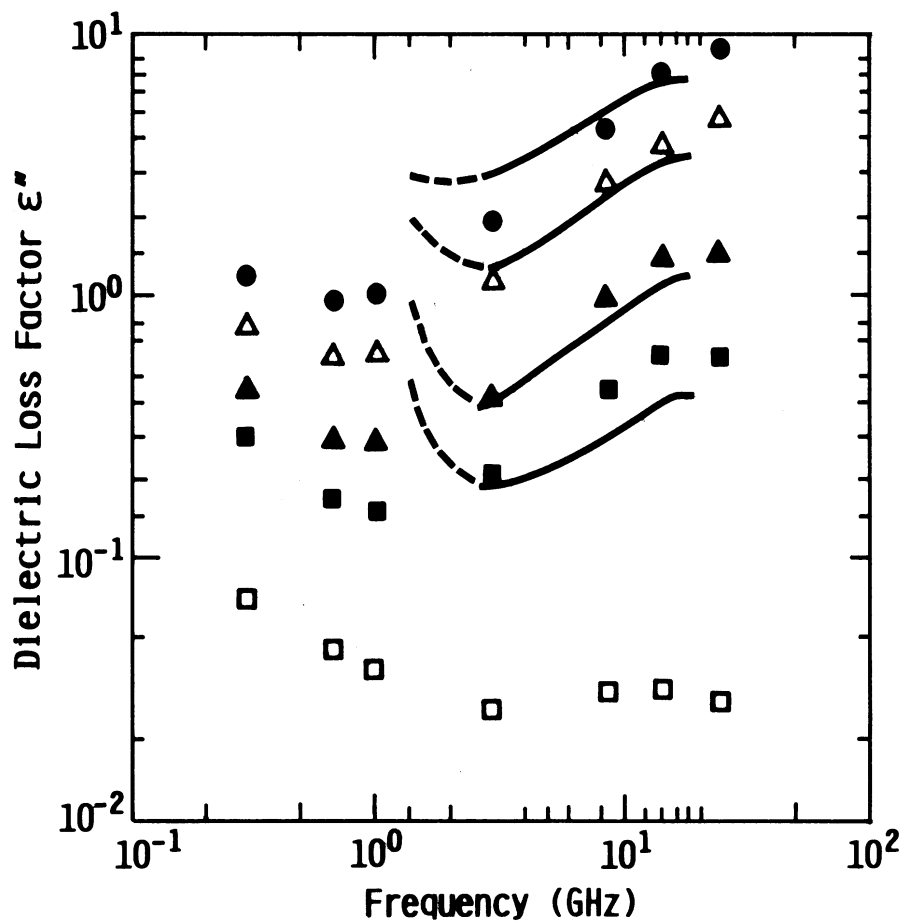
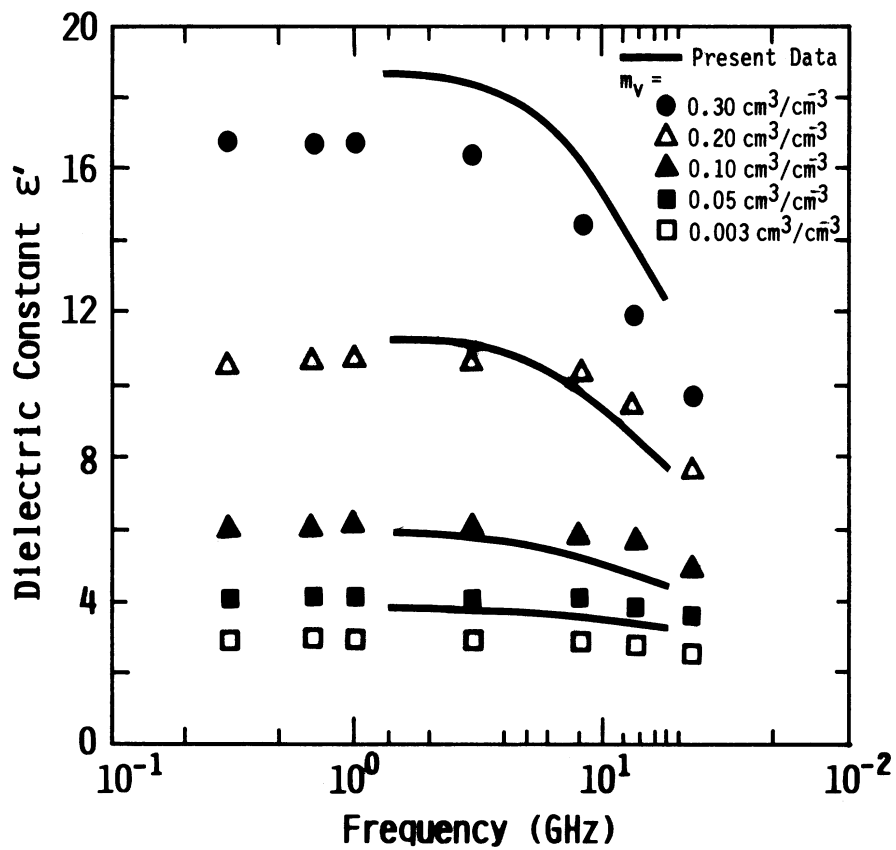
Temperatures: -10°C and -25°C

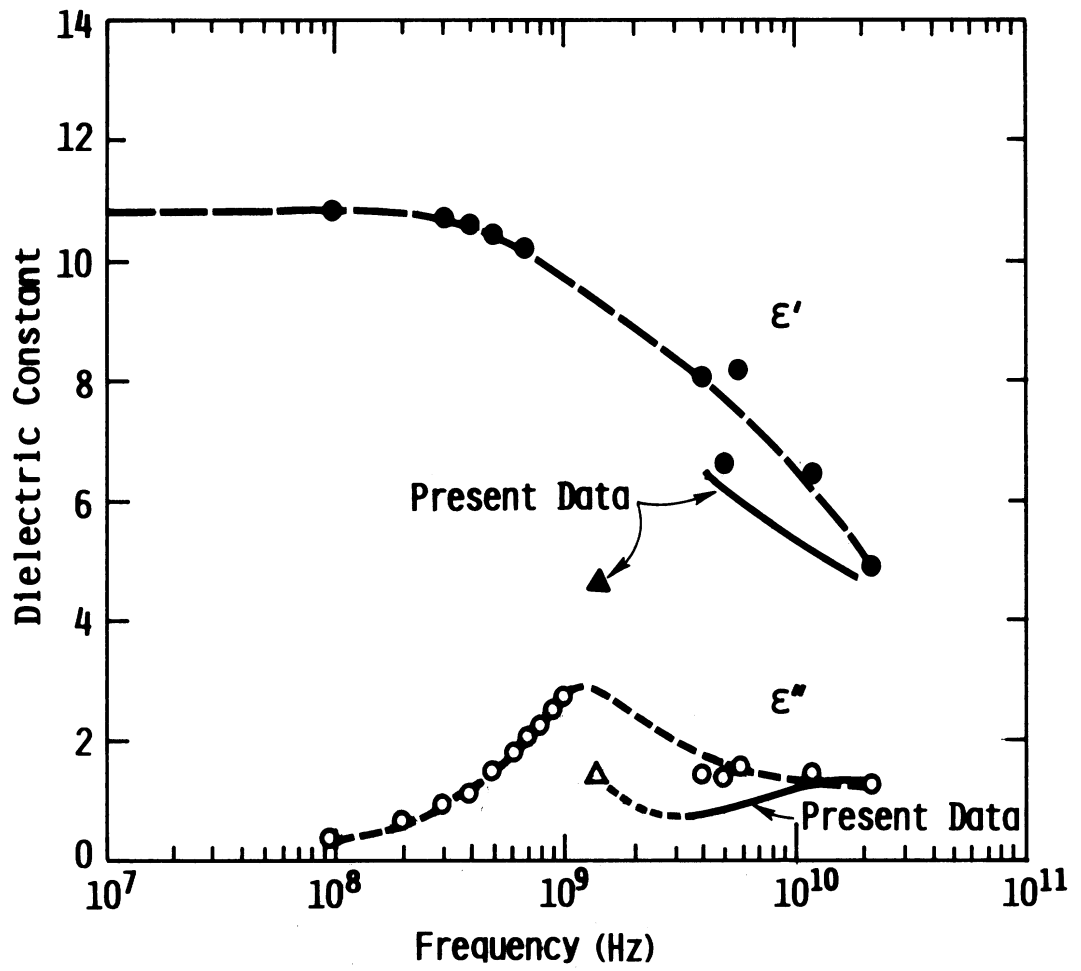
Sample Thicknesses: 12 mm and 37 mm

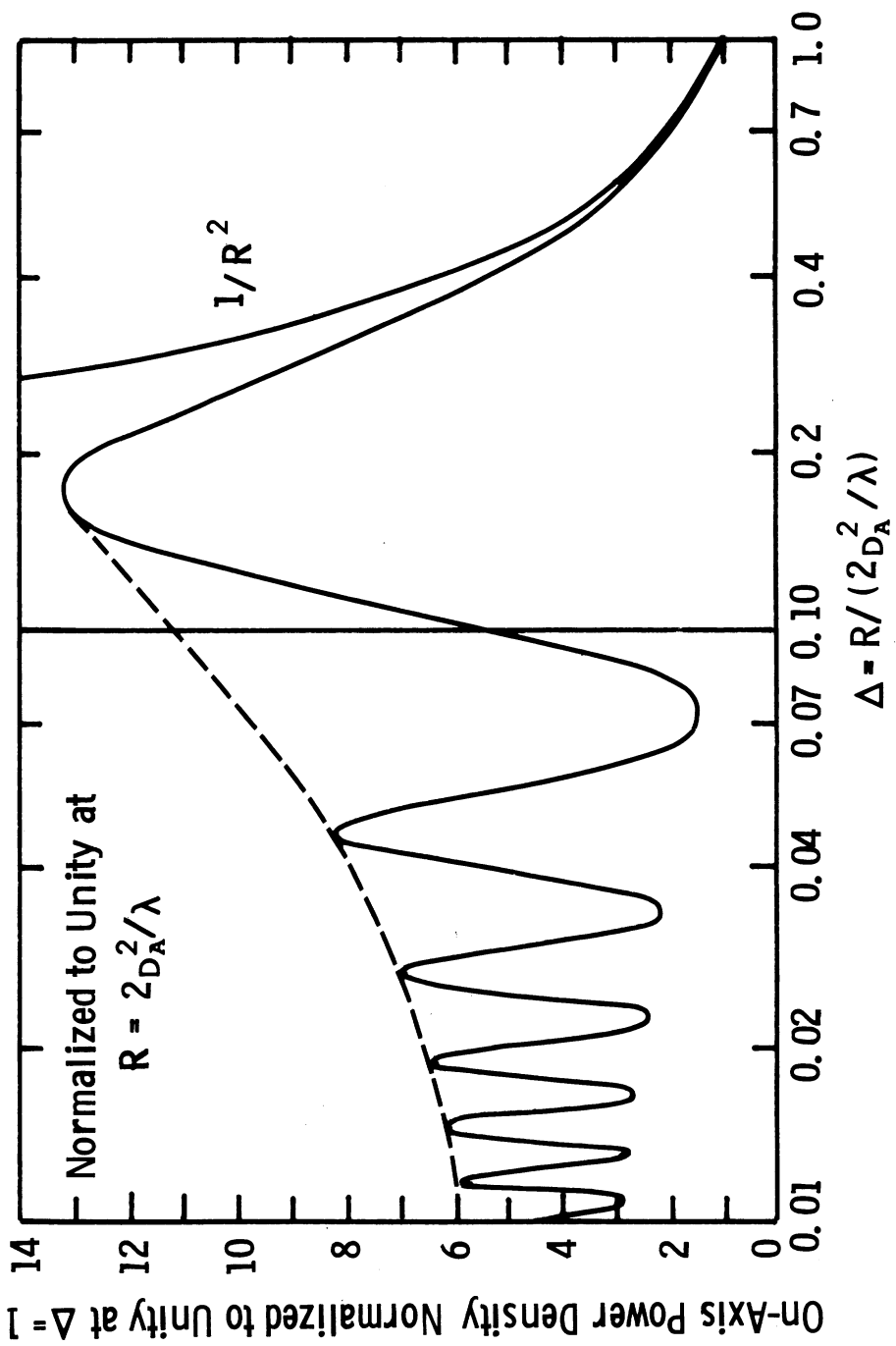
Volumetric Wetness: $0.22\text{ cm}^3/\text{cm}^3$

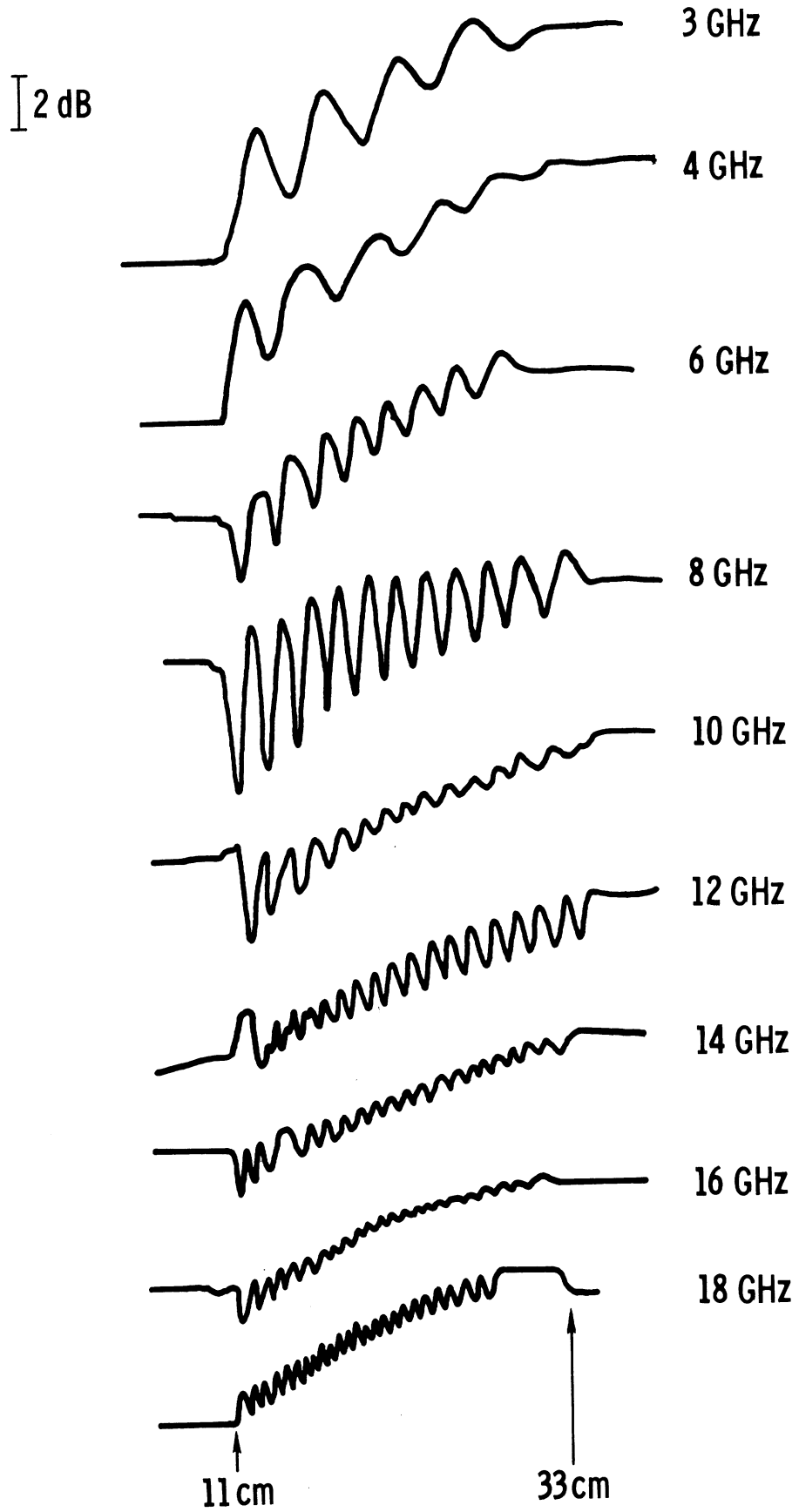
Frequency: 18 GHz

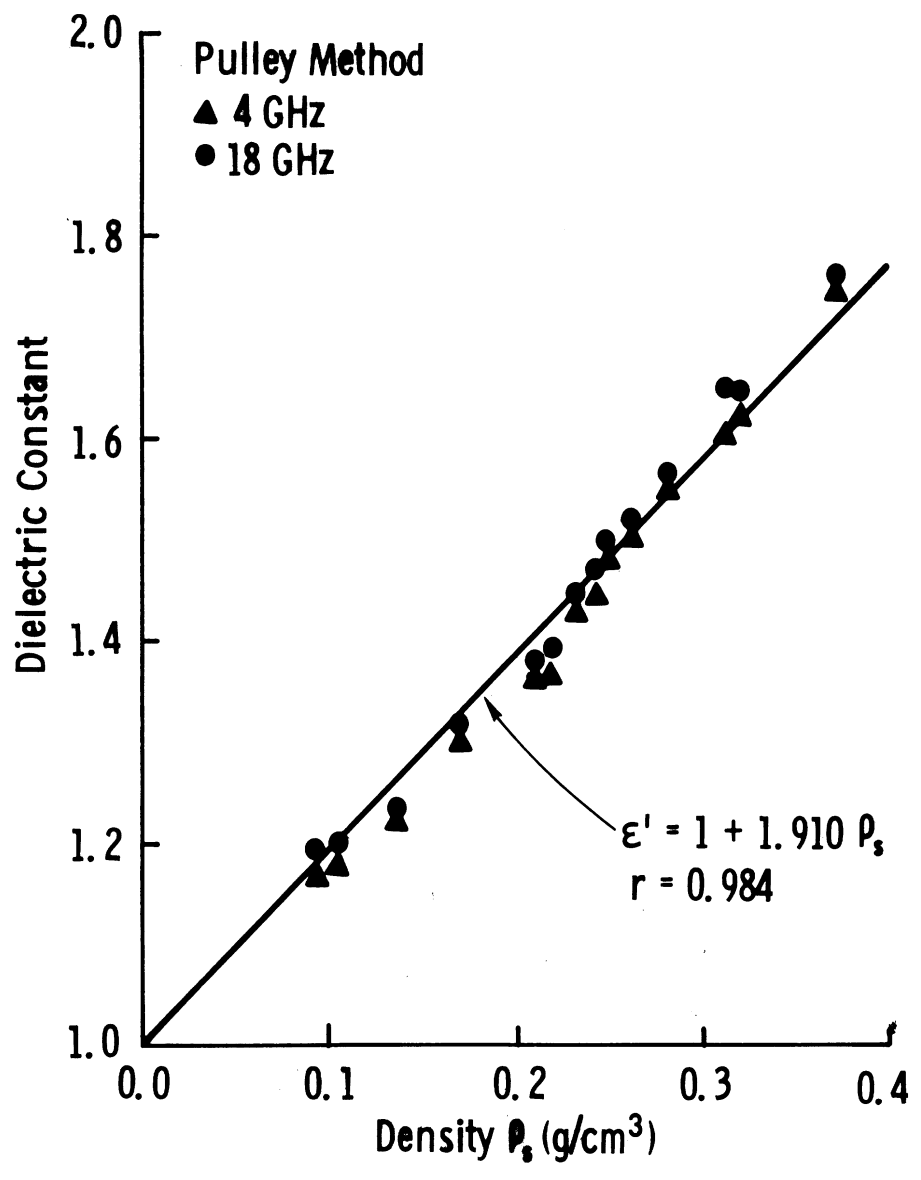


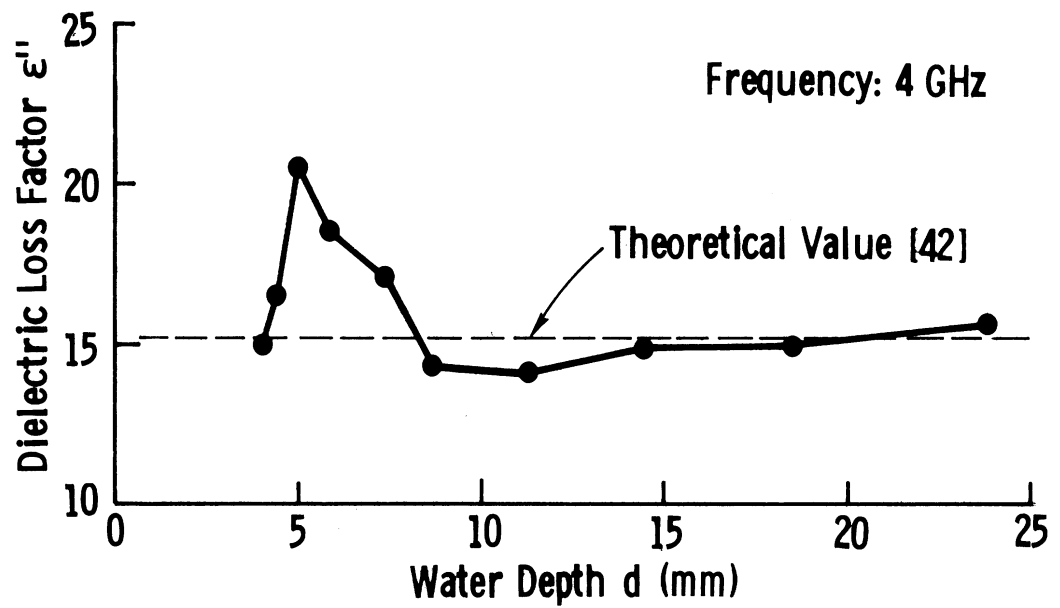
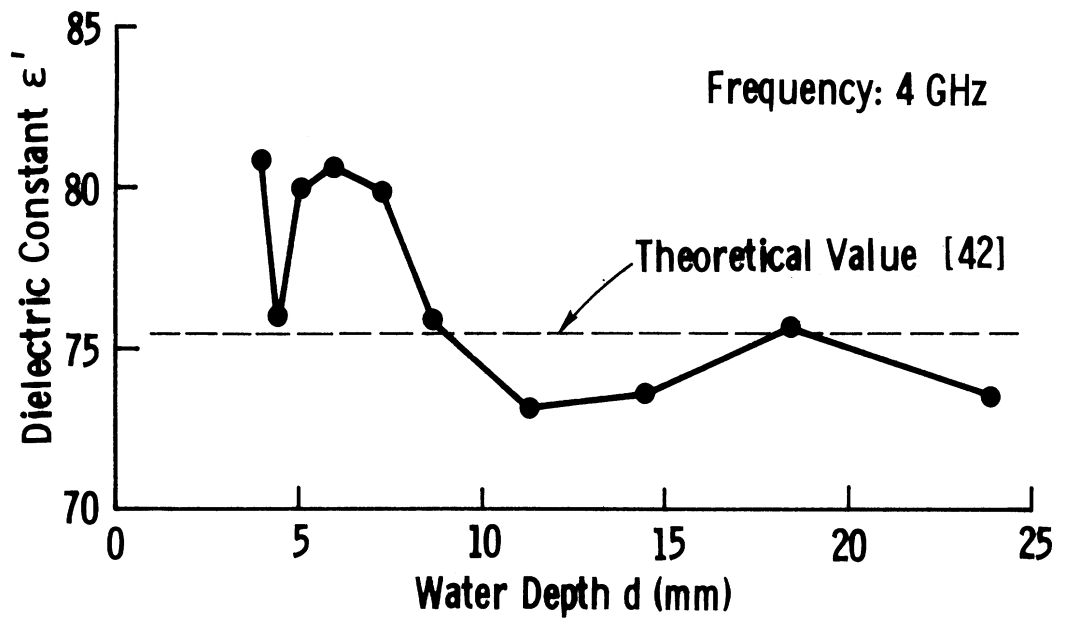










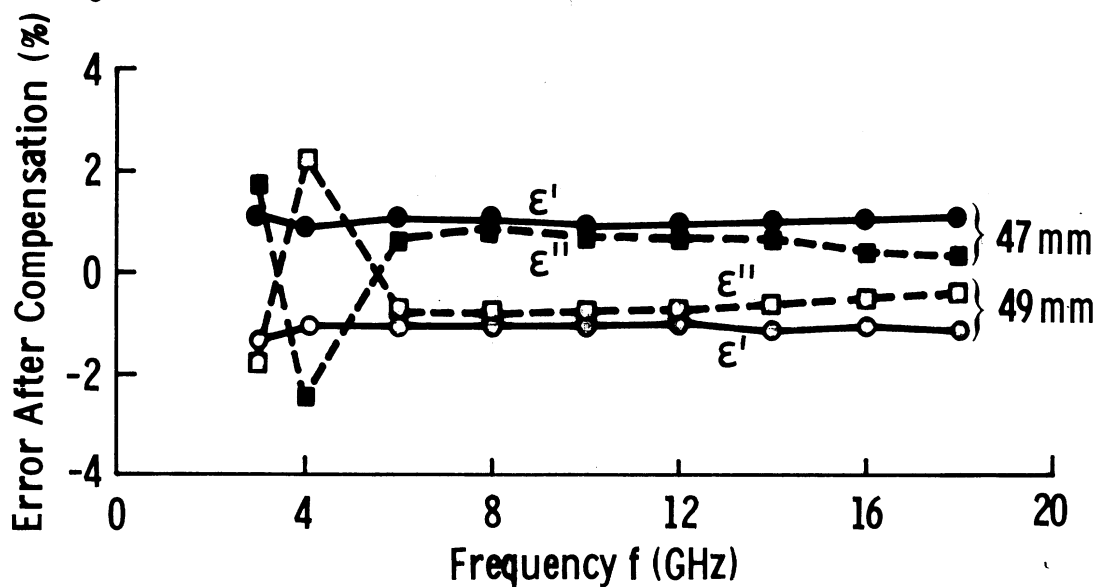
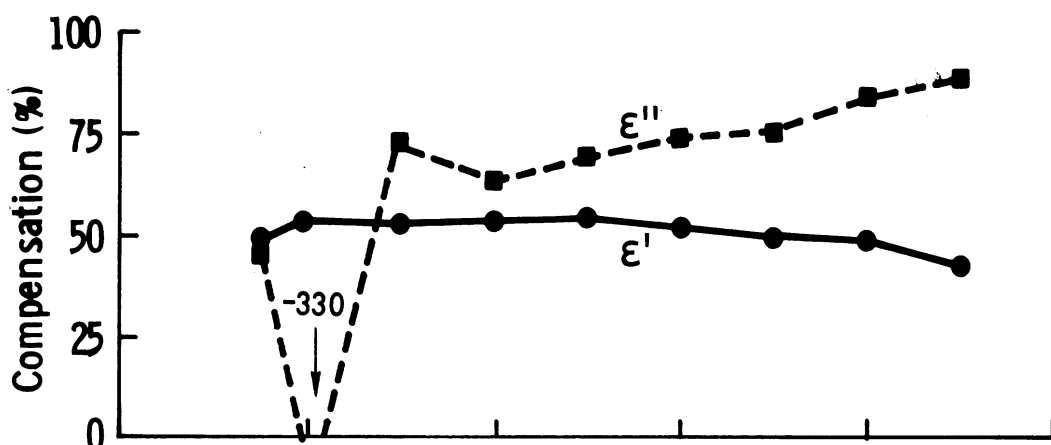
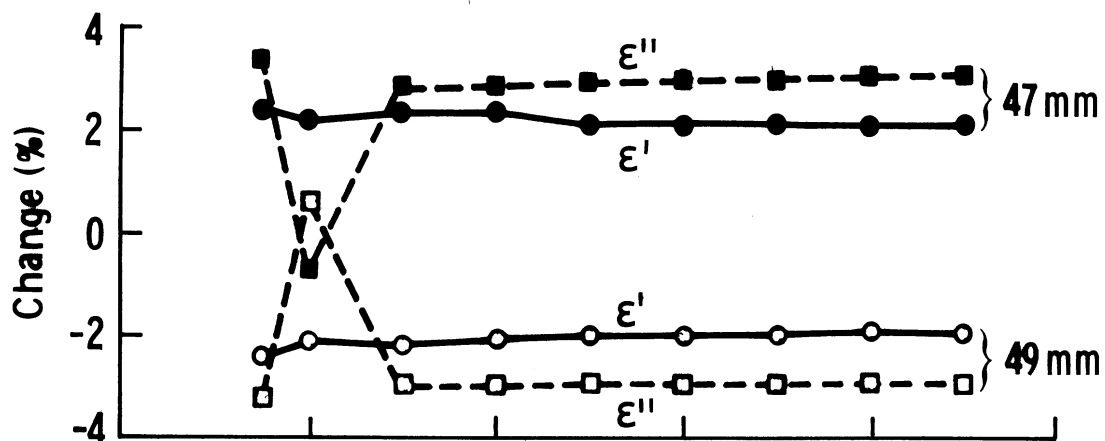


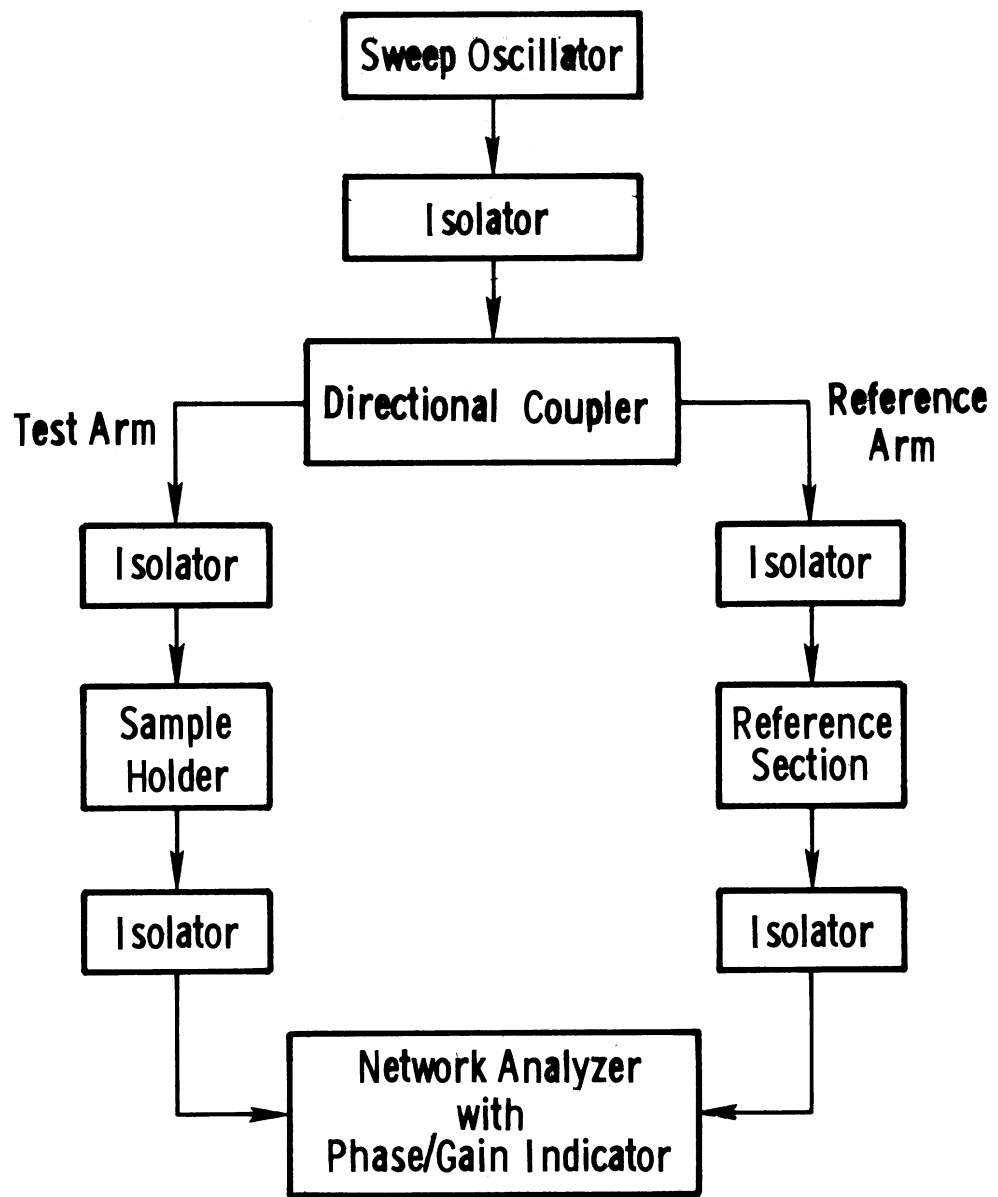
Field #2

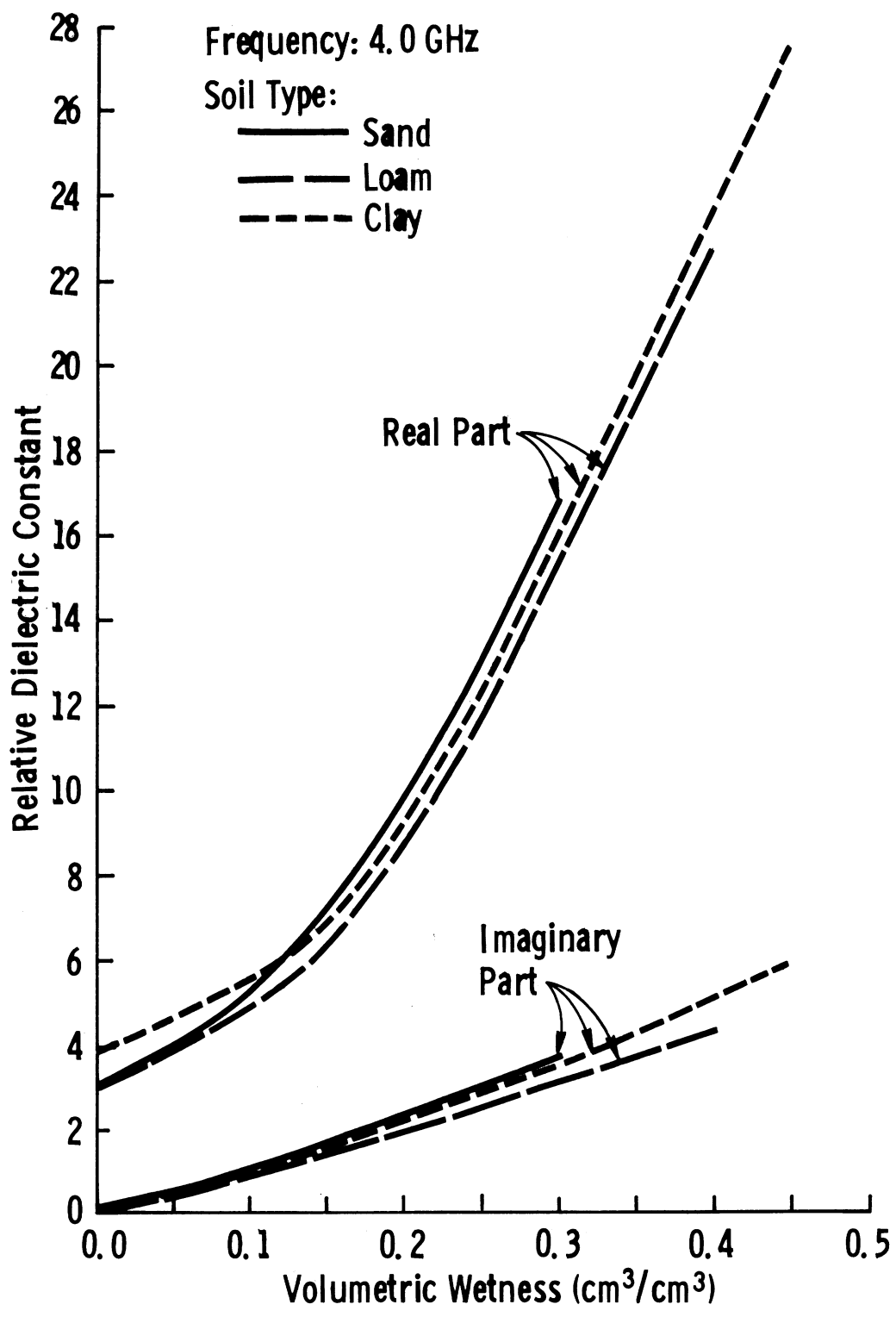
Temperature: 23° C

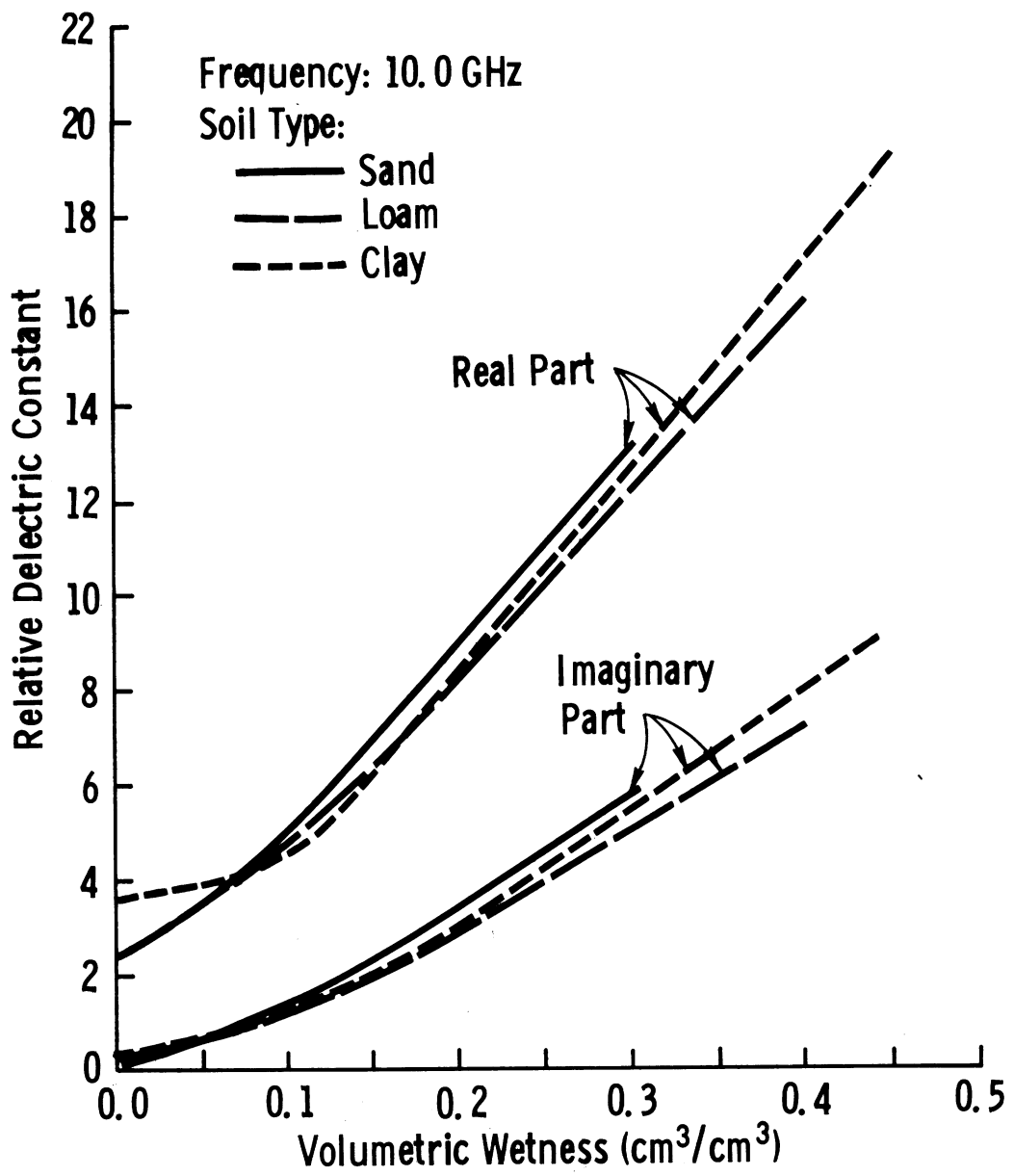
Volumetric Wetness: 0.08 cm³/cm³

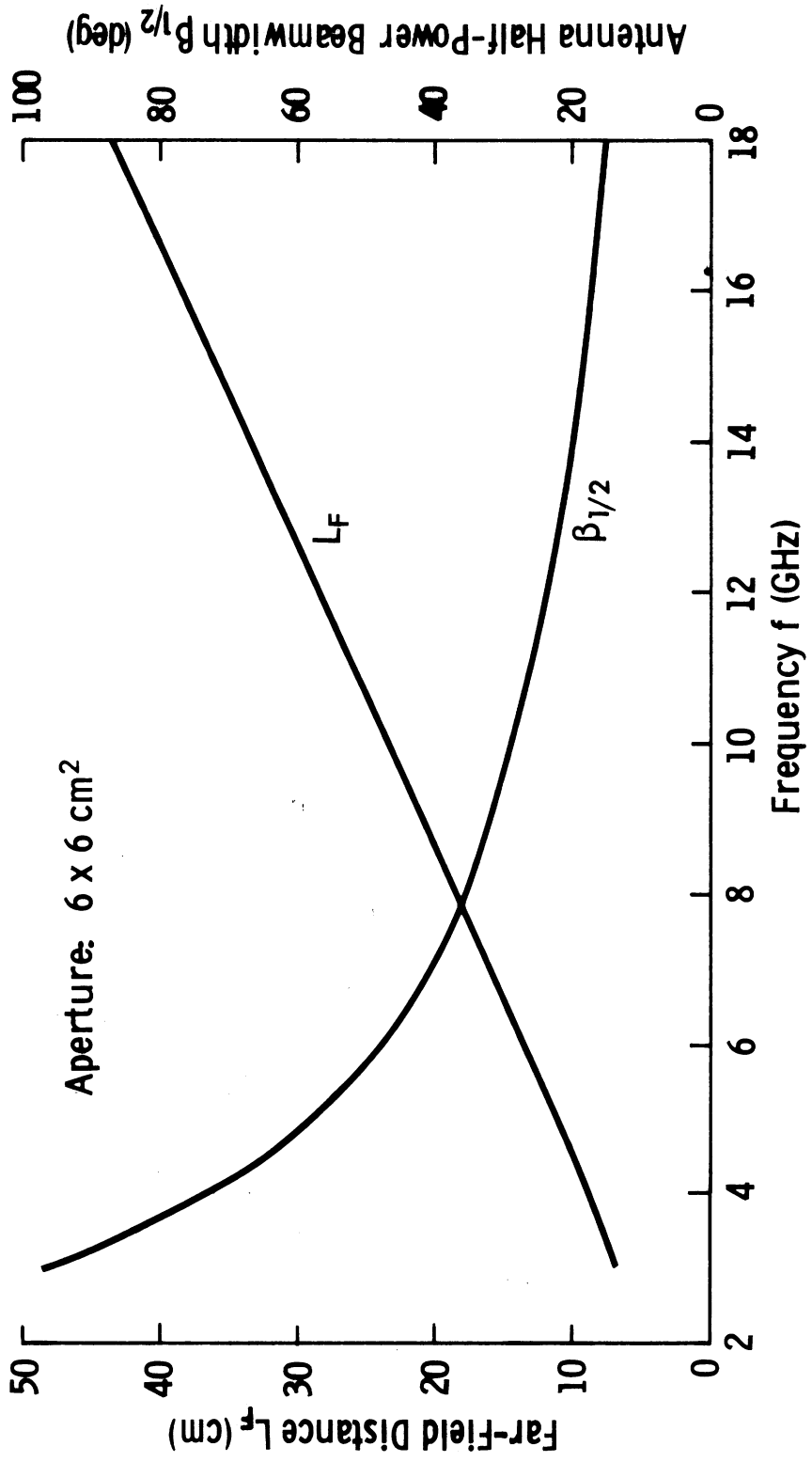
Nominal Sample Thickness: 48 mm

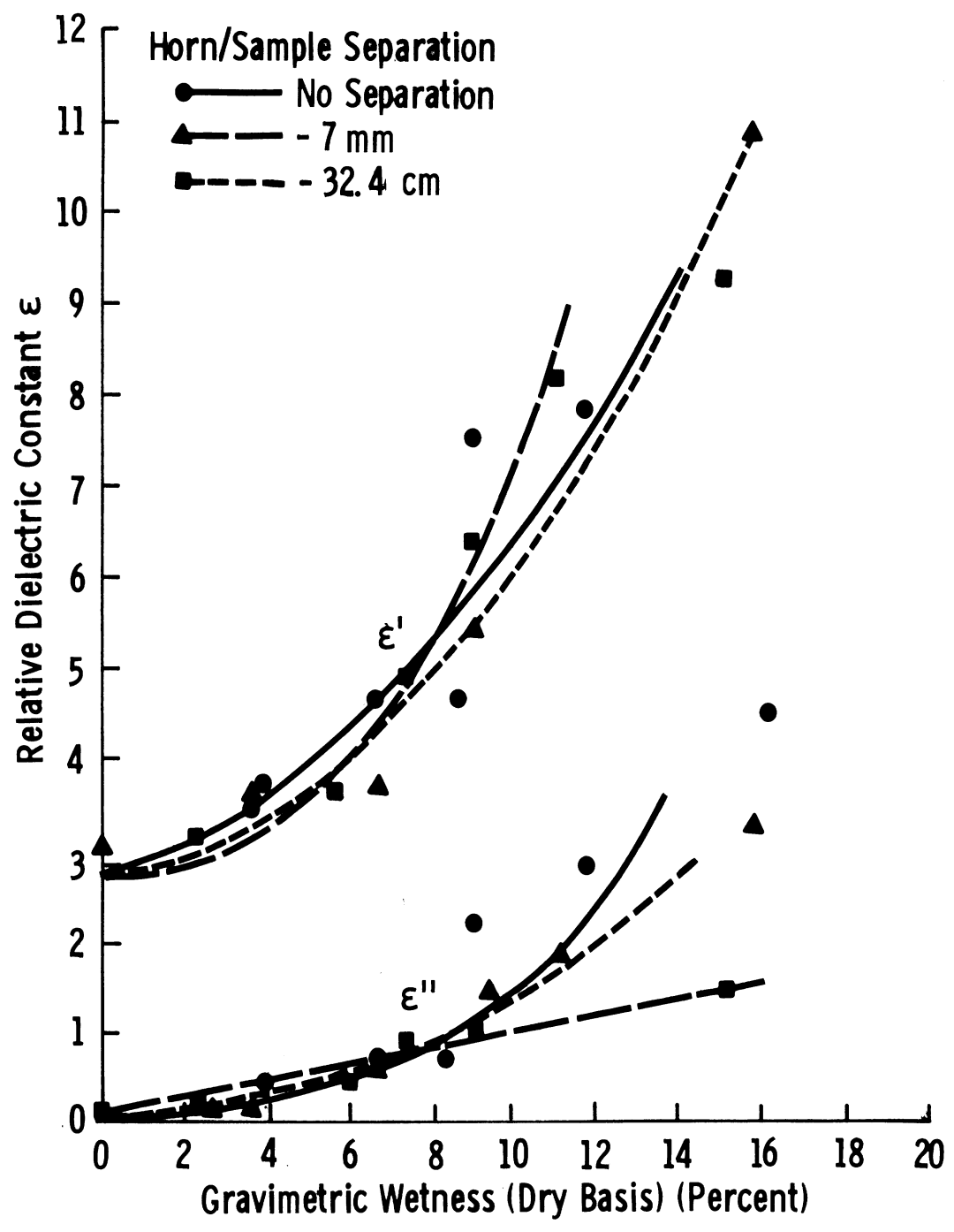


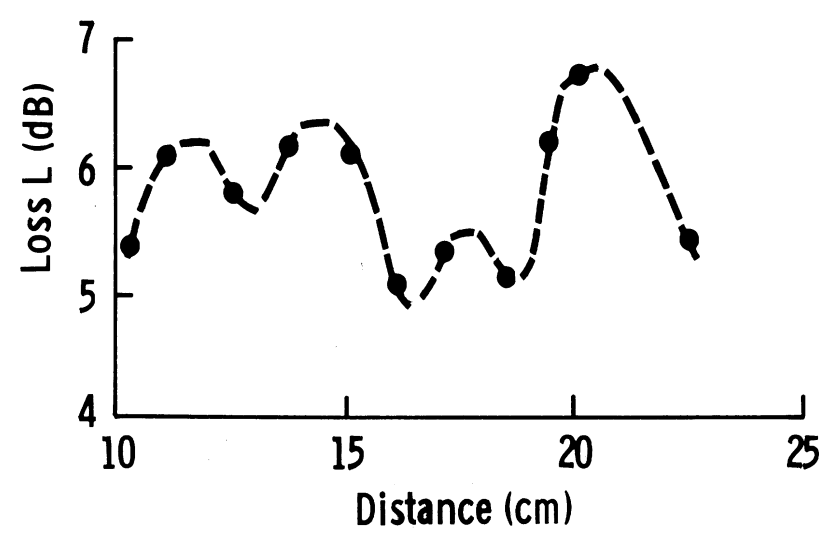
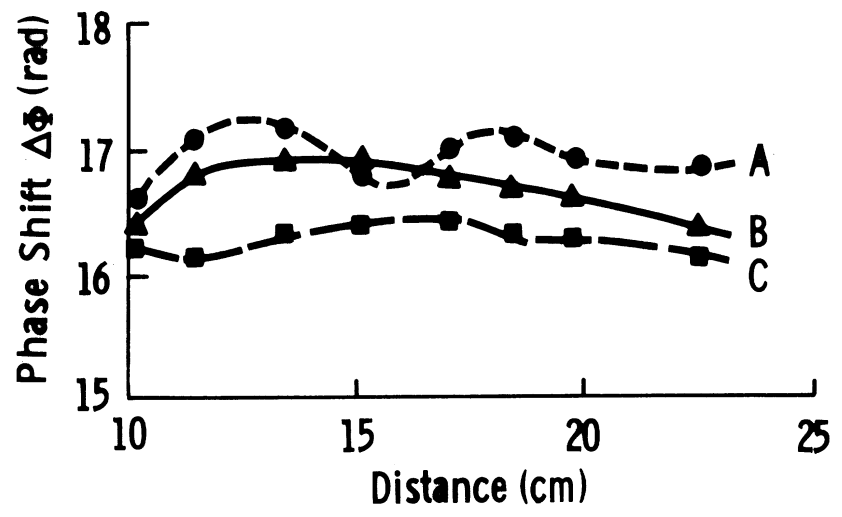


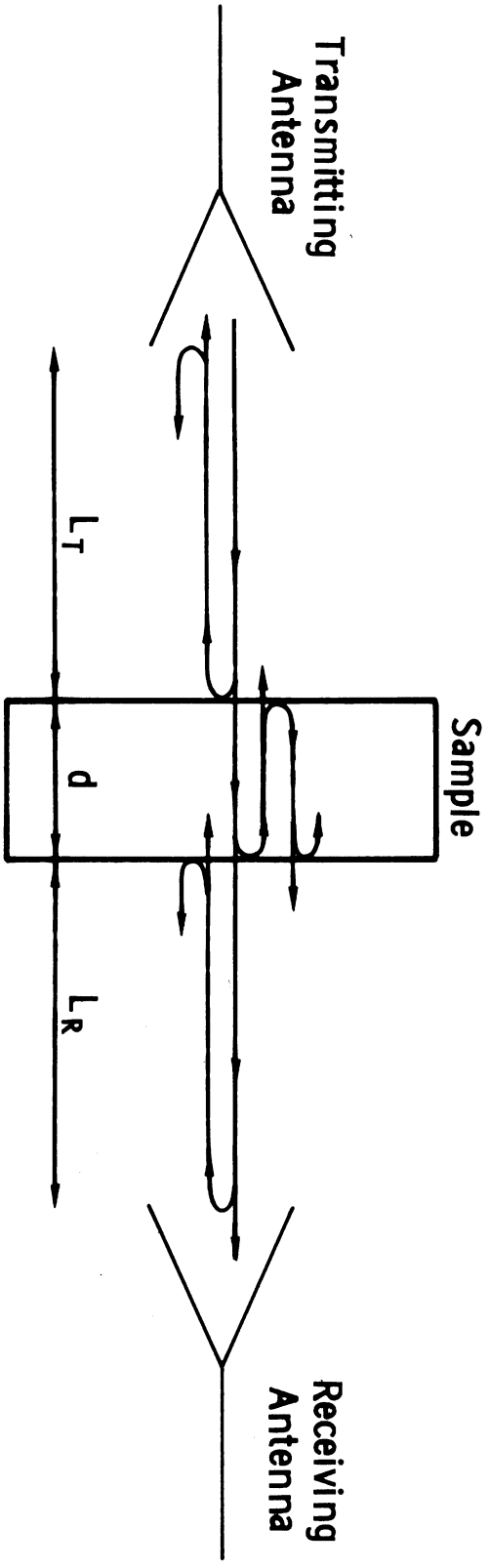


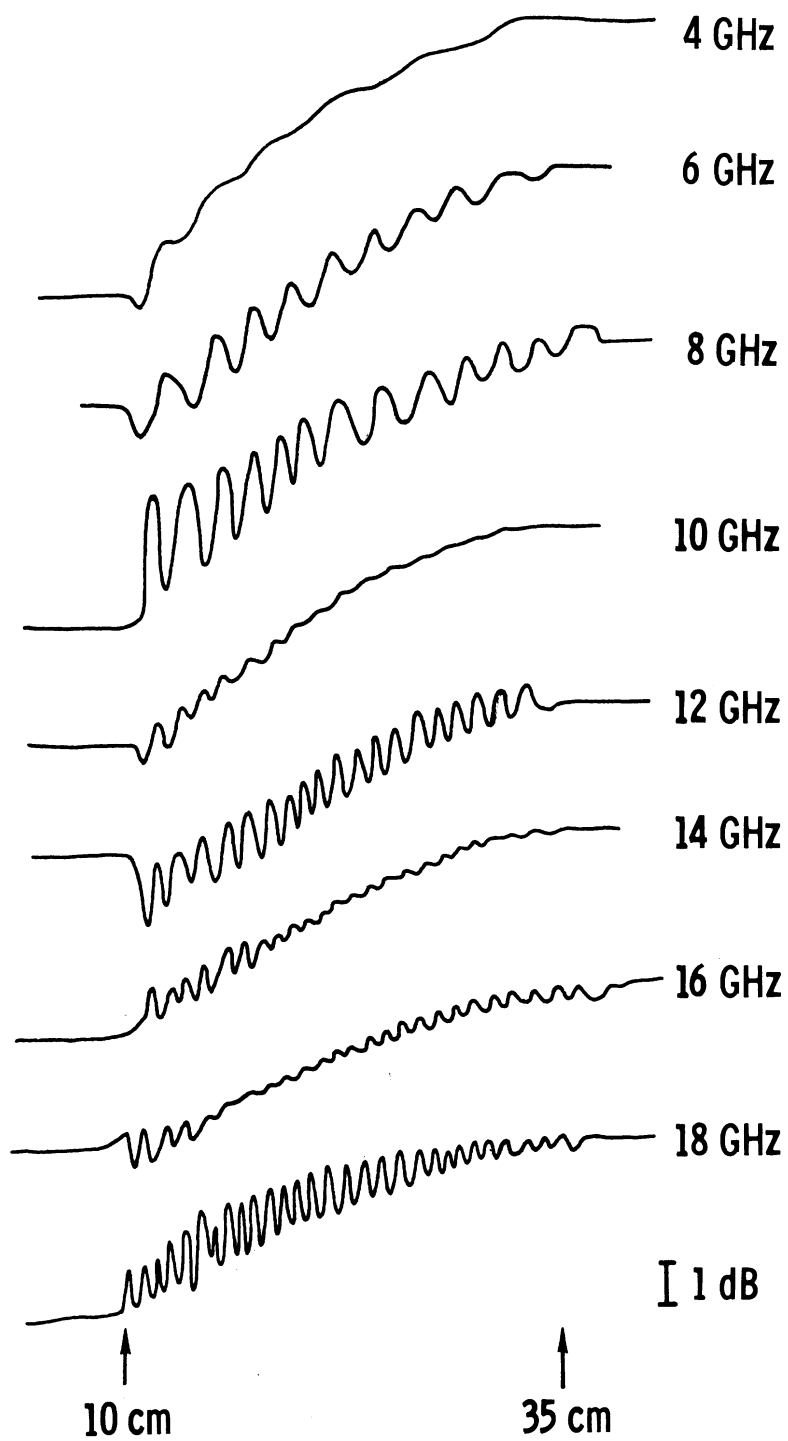


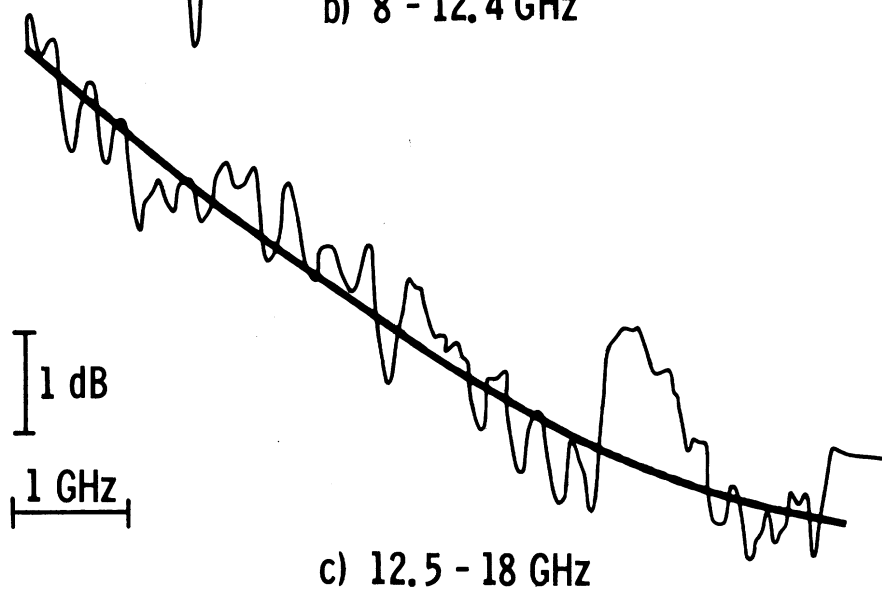
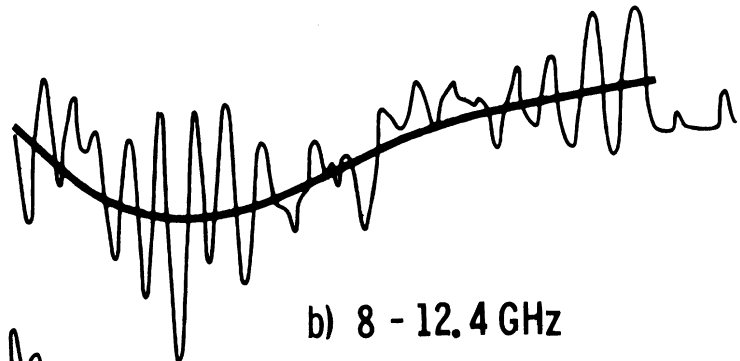
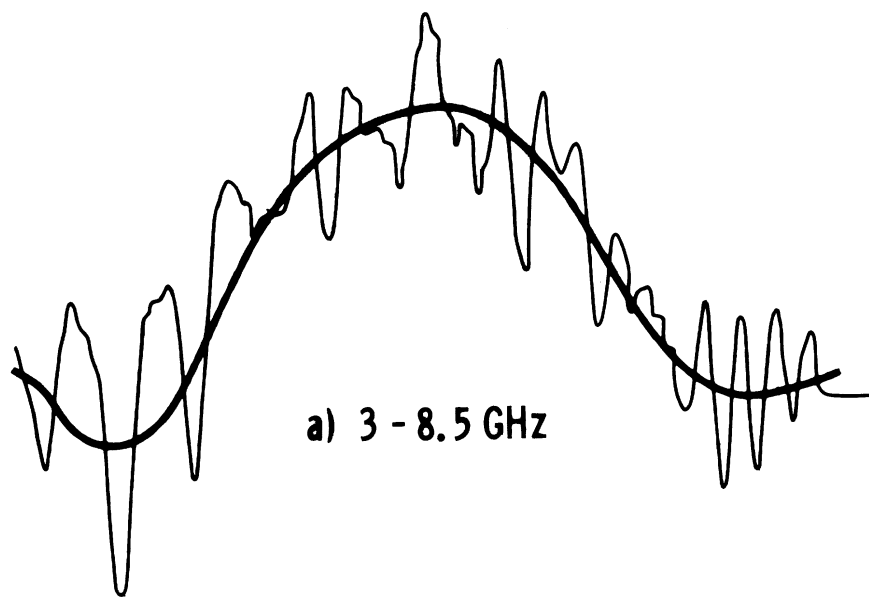




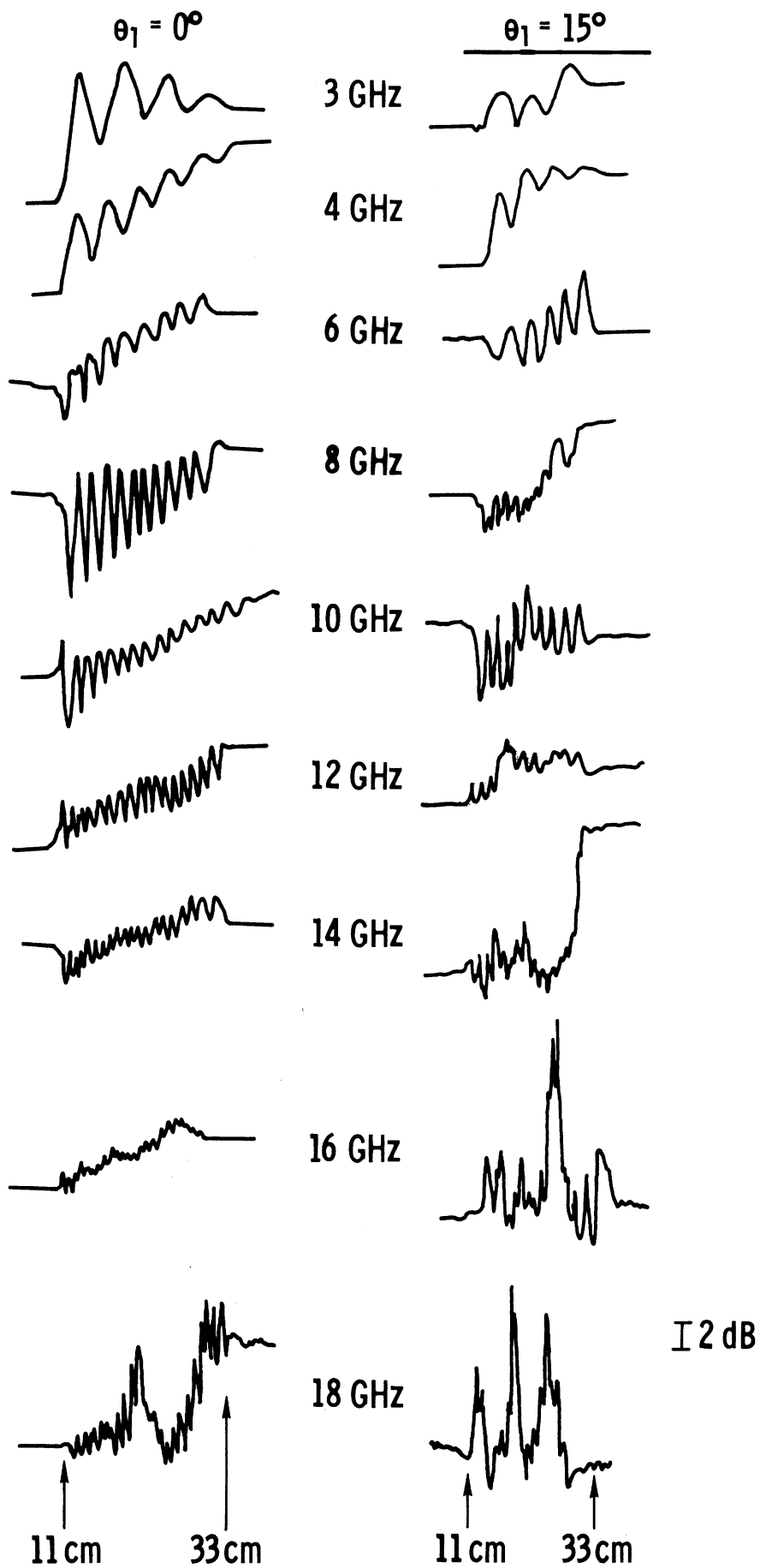






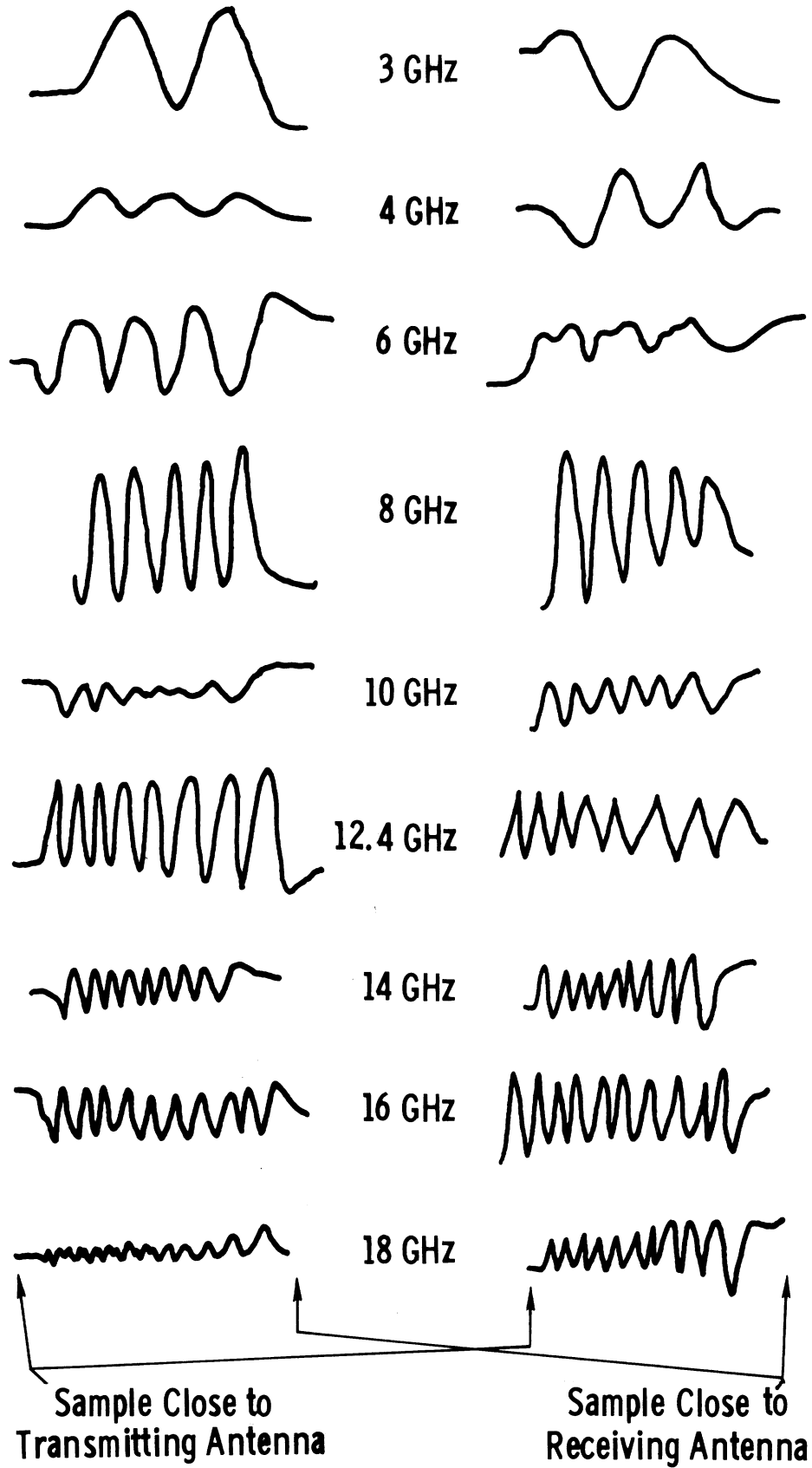


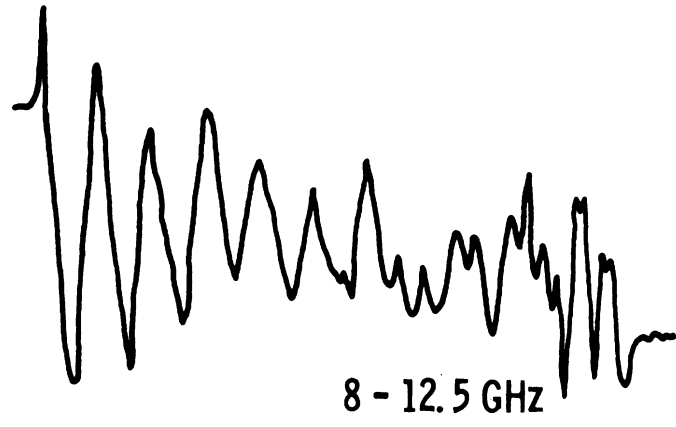
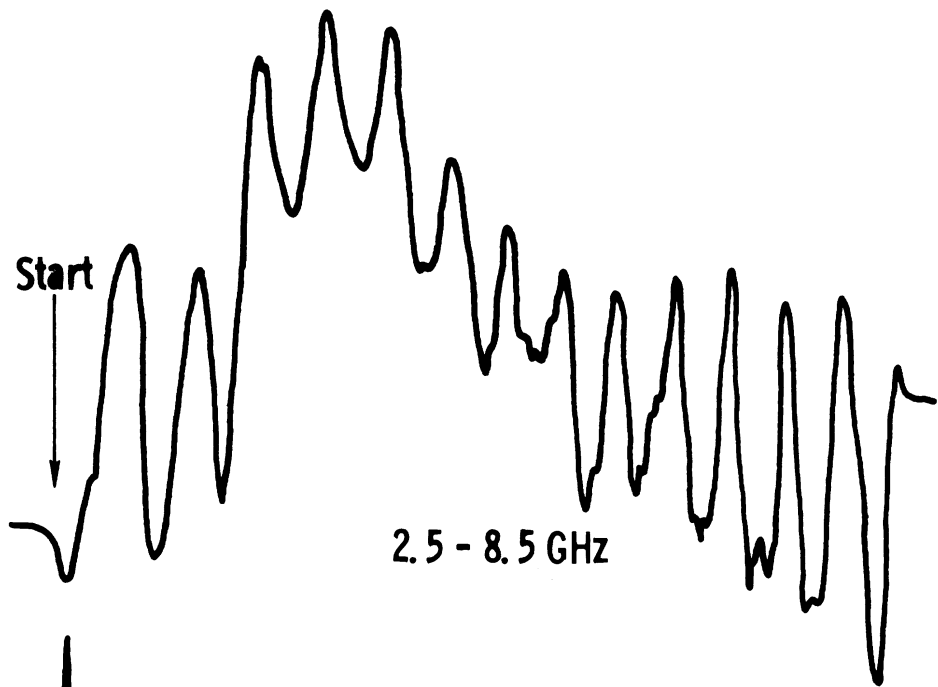
1 dB
1 GHz



Amplitude $\bar{\text{I}} 2 \text{ dB}$

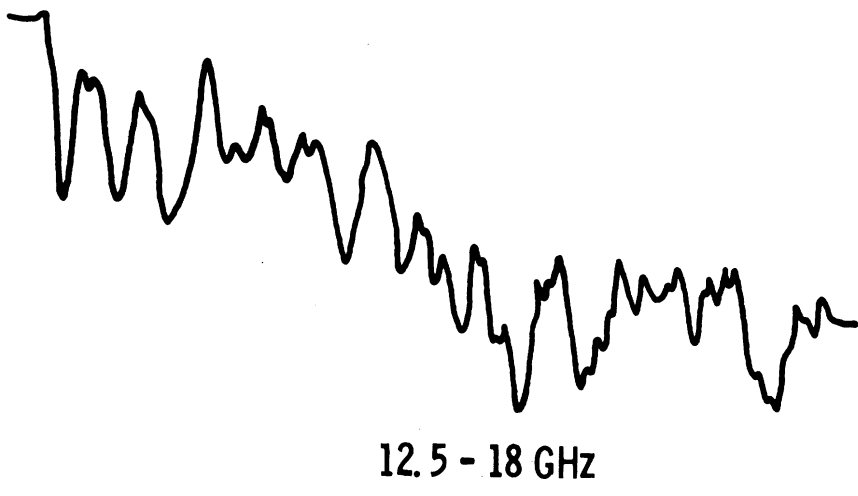
Phase $\bar{\text{I}} 10 \text{ Degrees}$

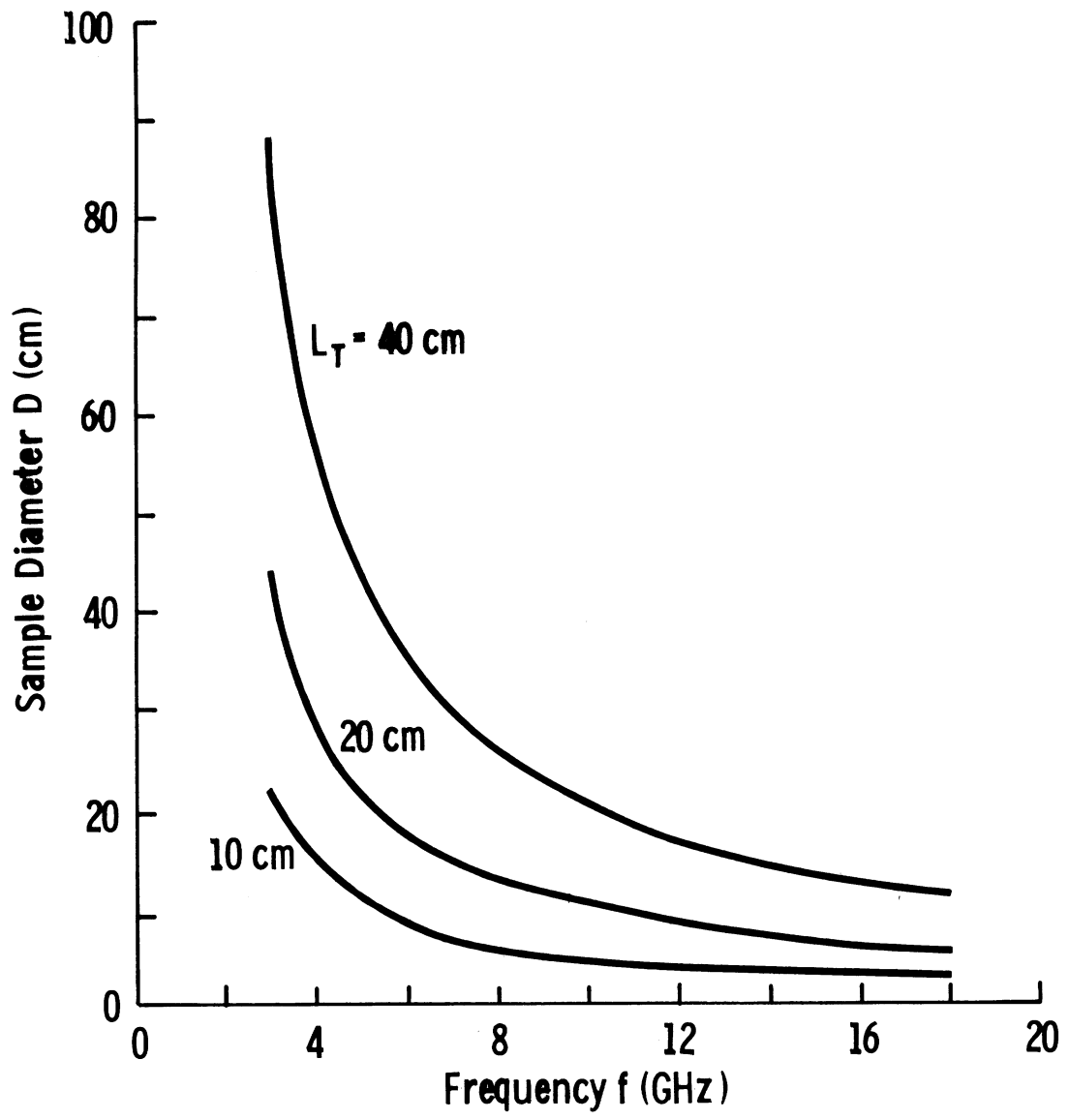


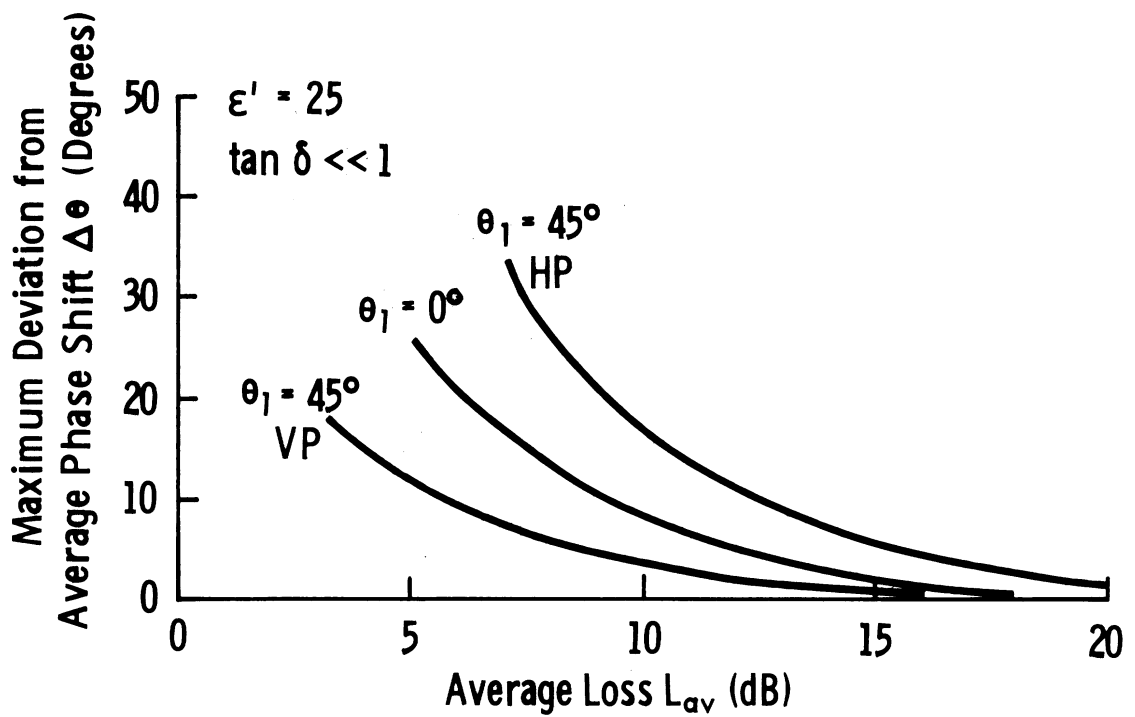
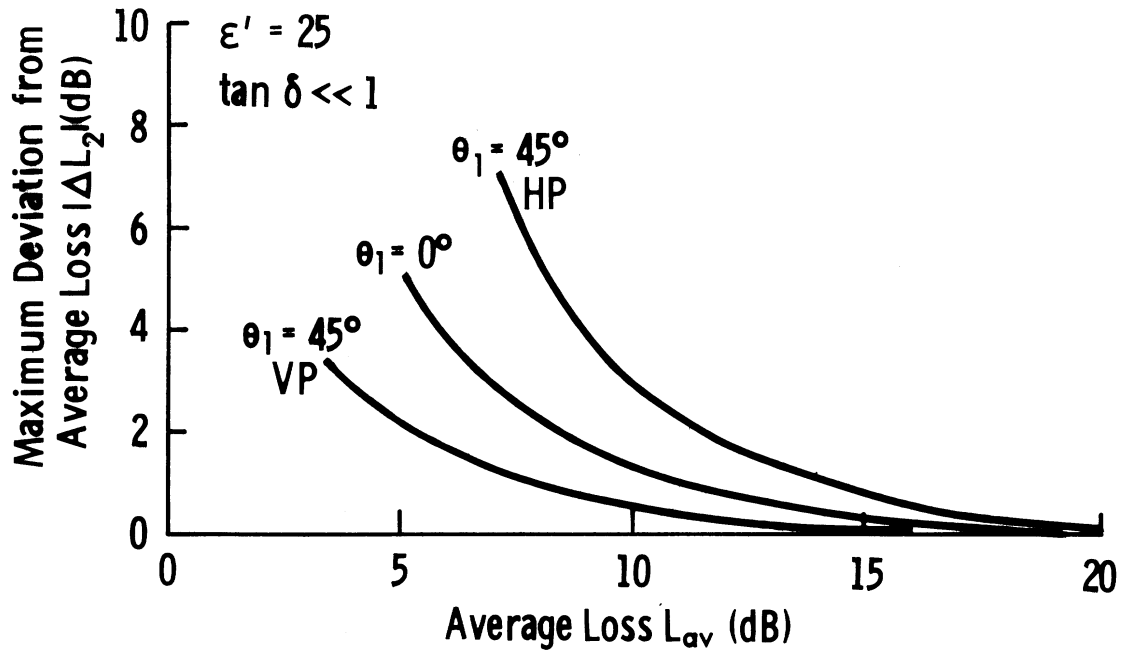


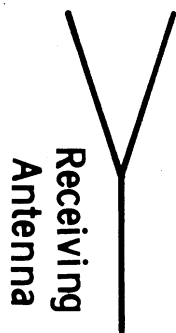
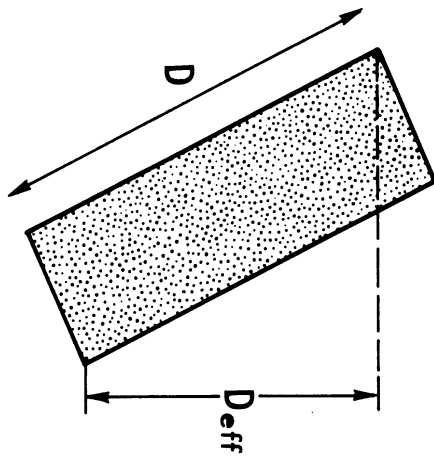
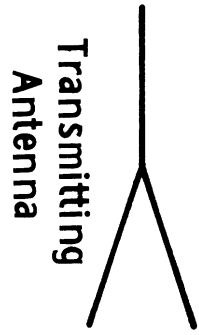
1 GHz

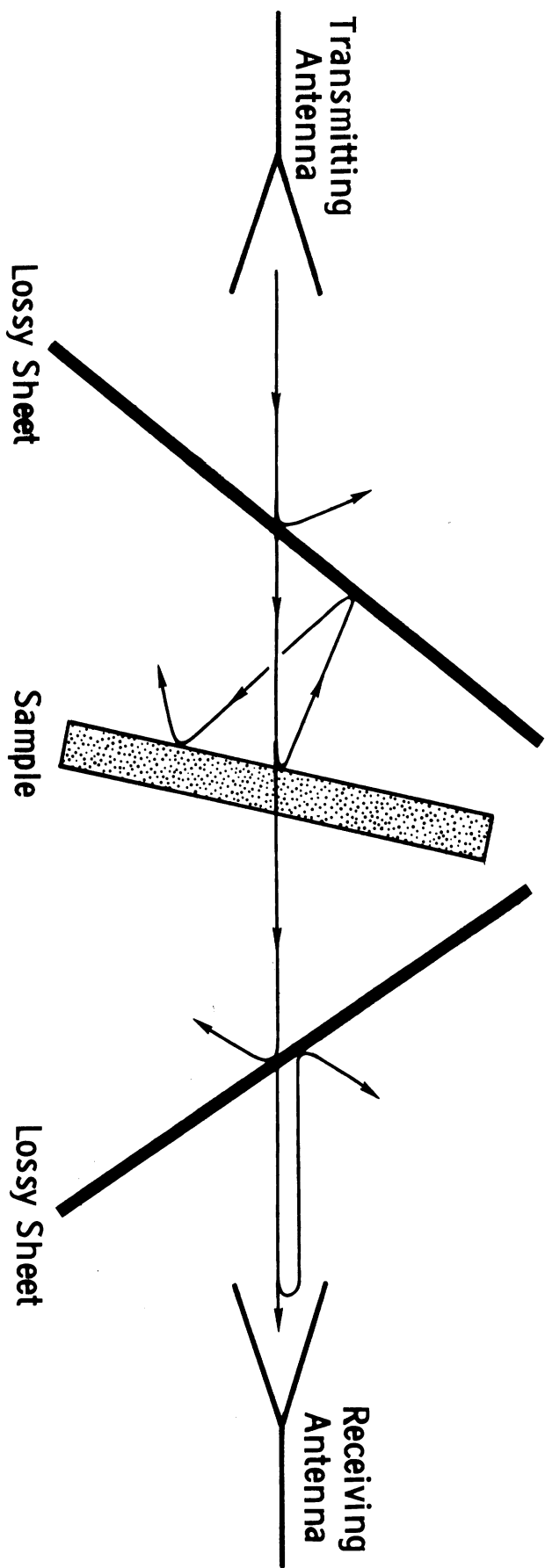
1 dB

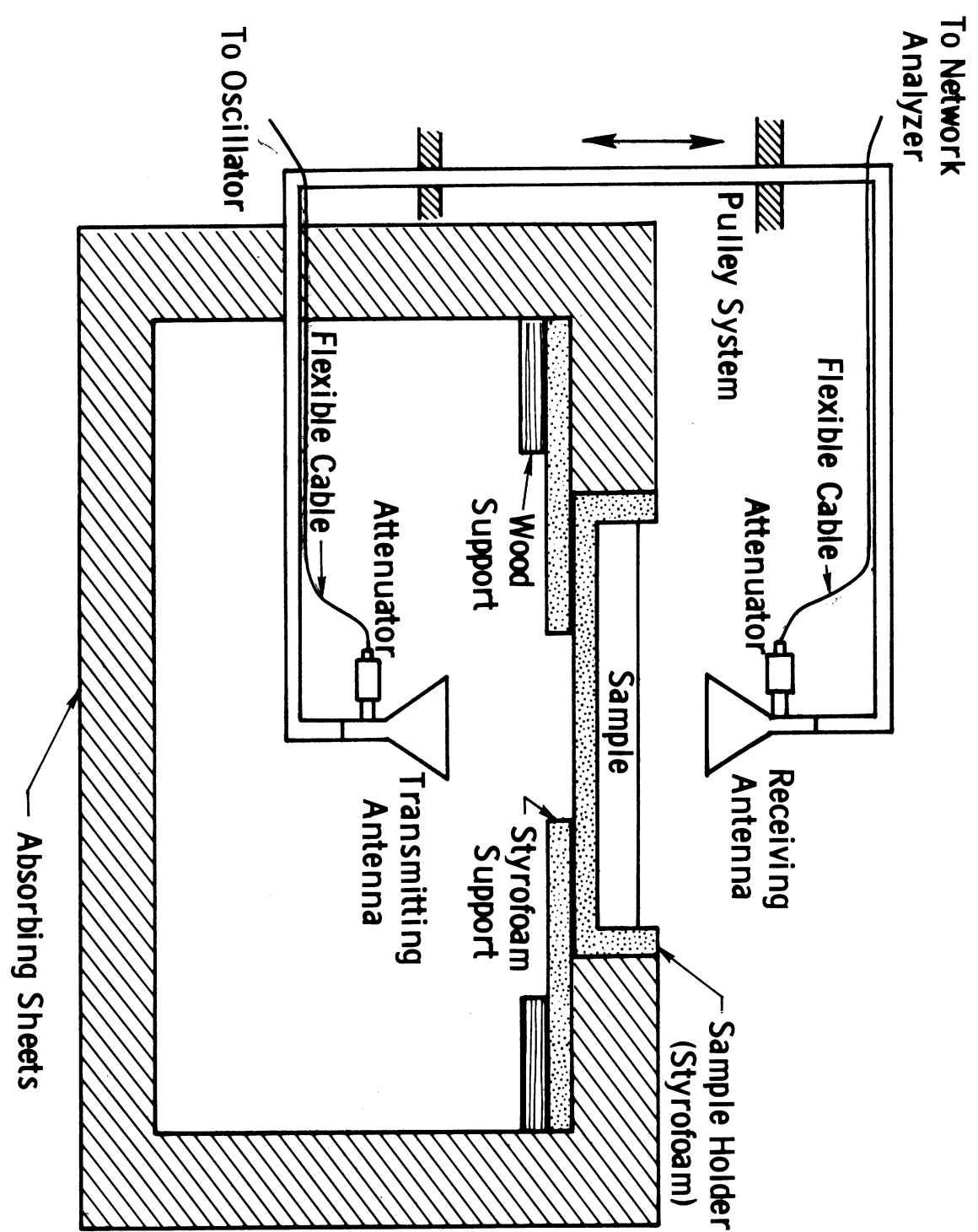


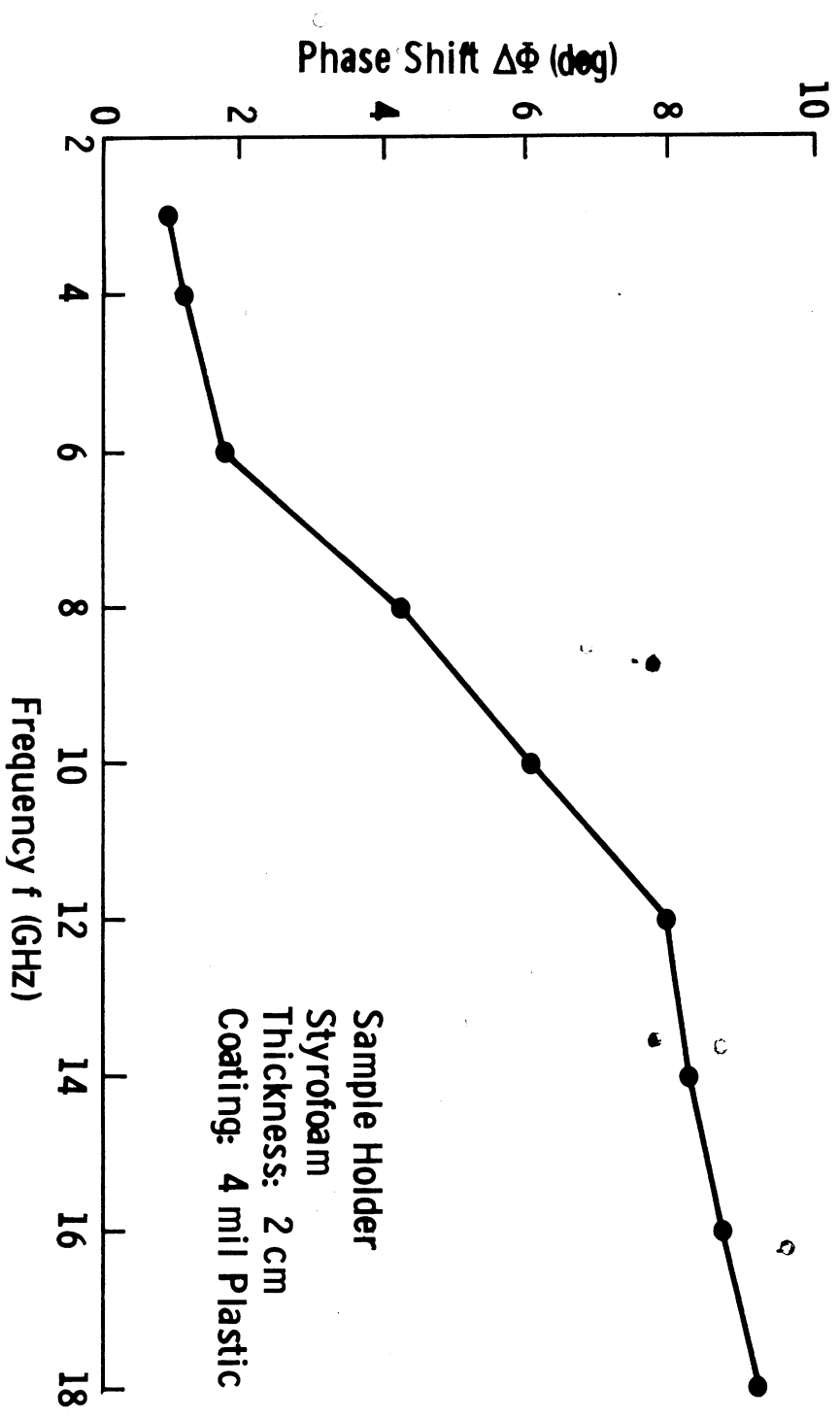


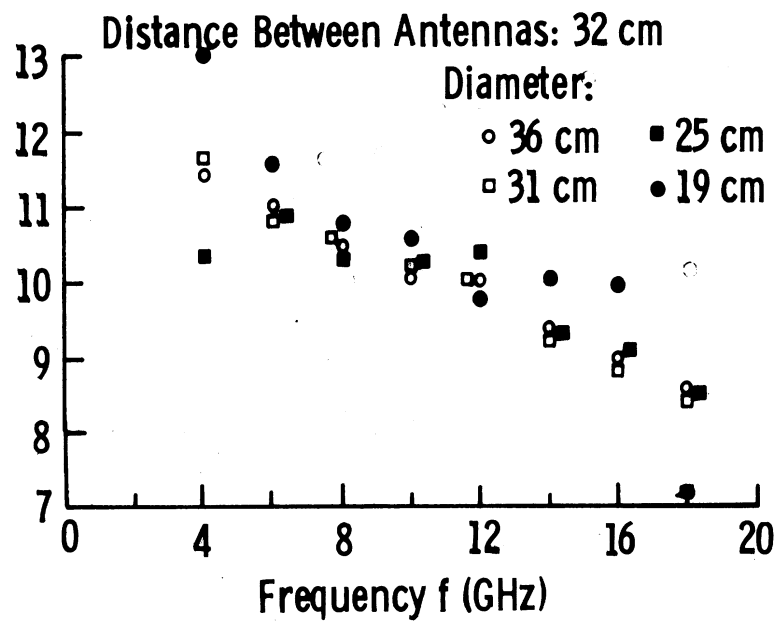
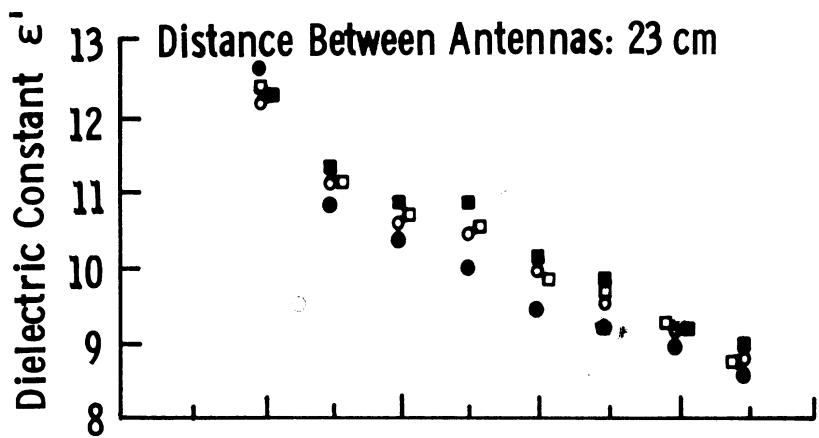
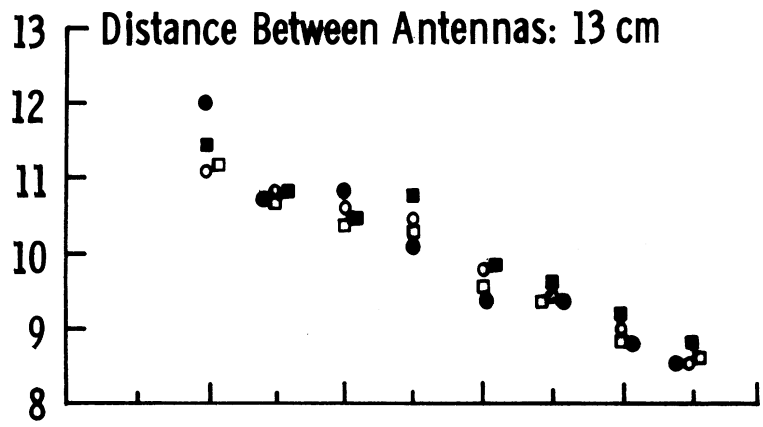


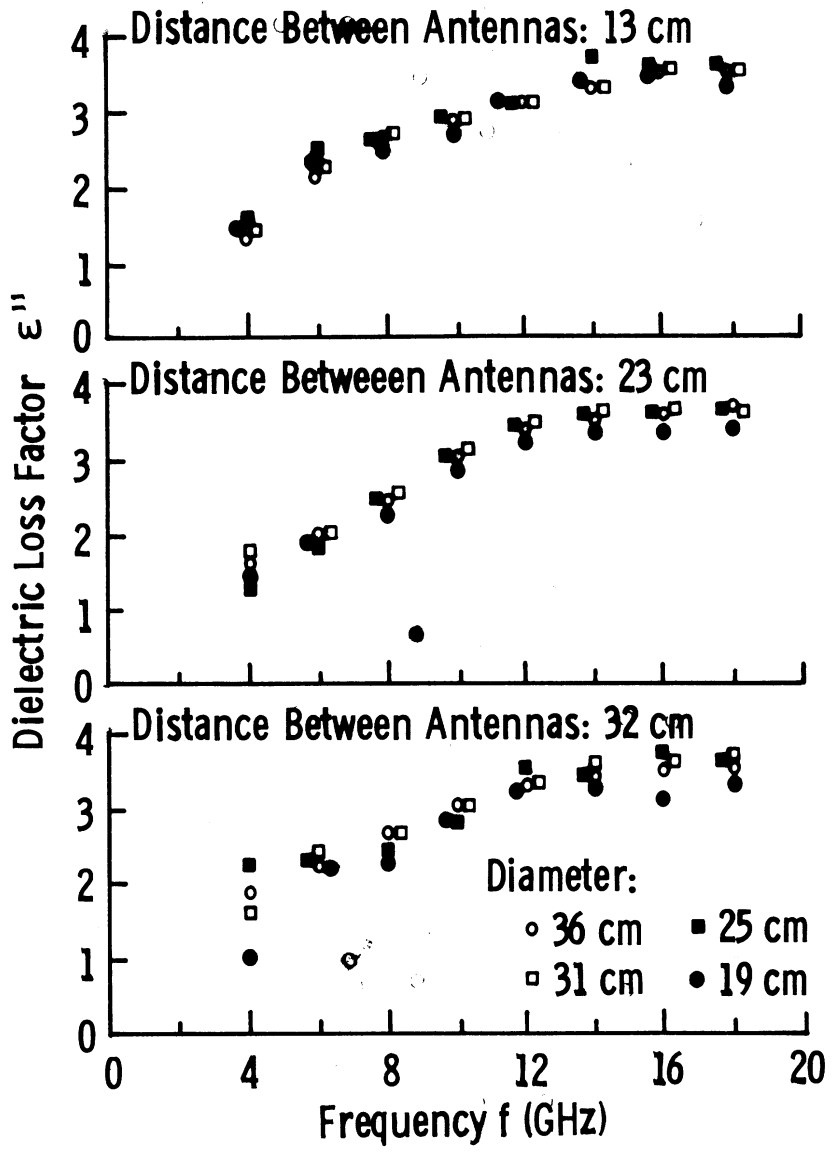


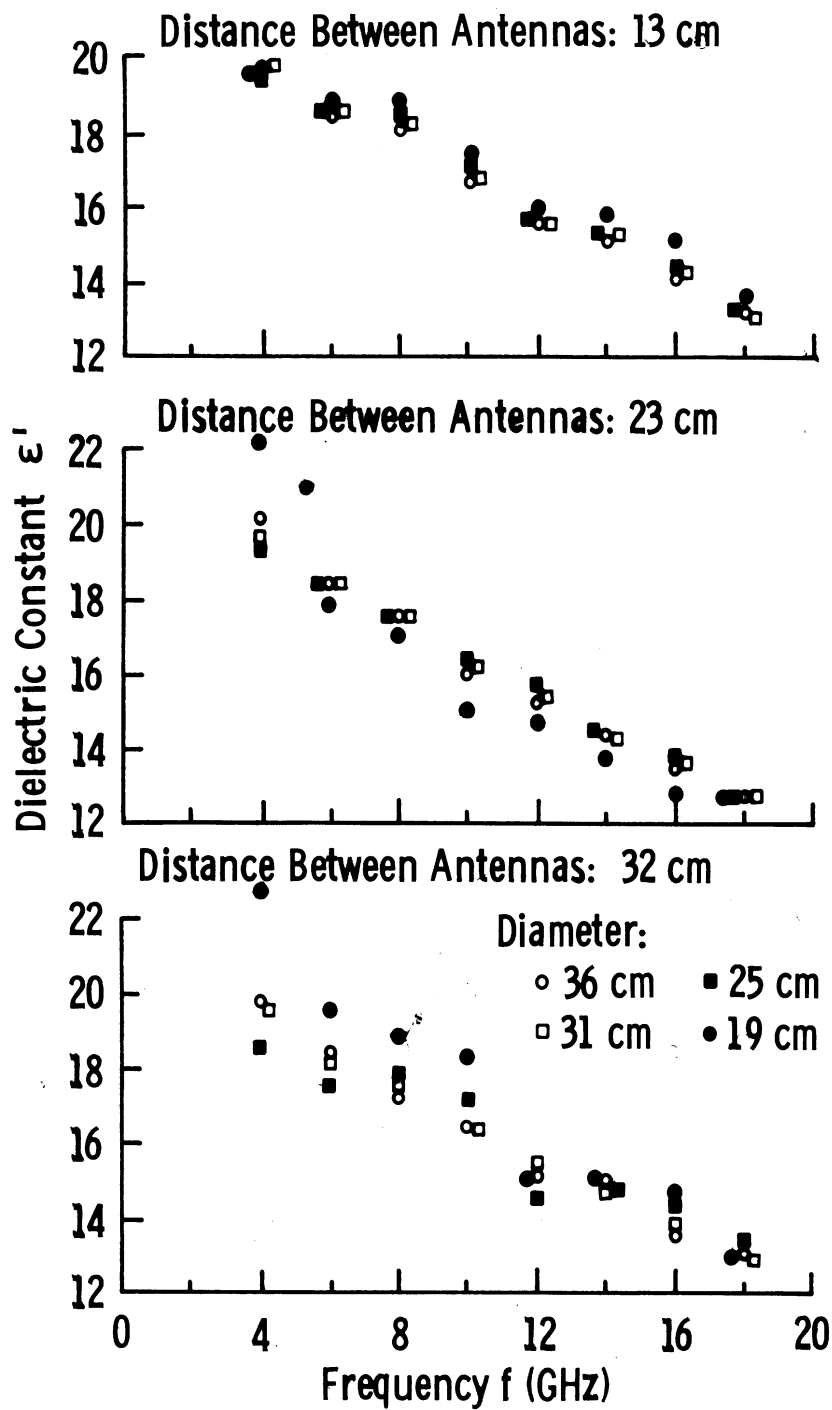


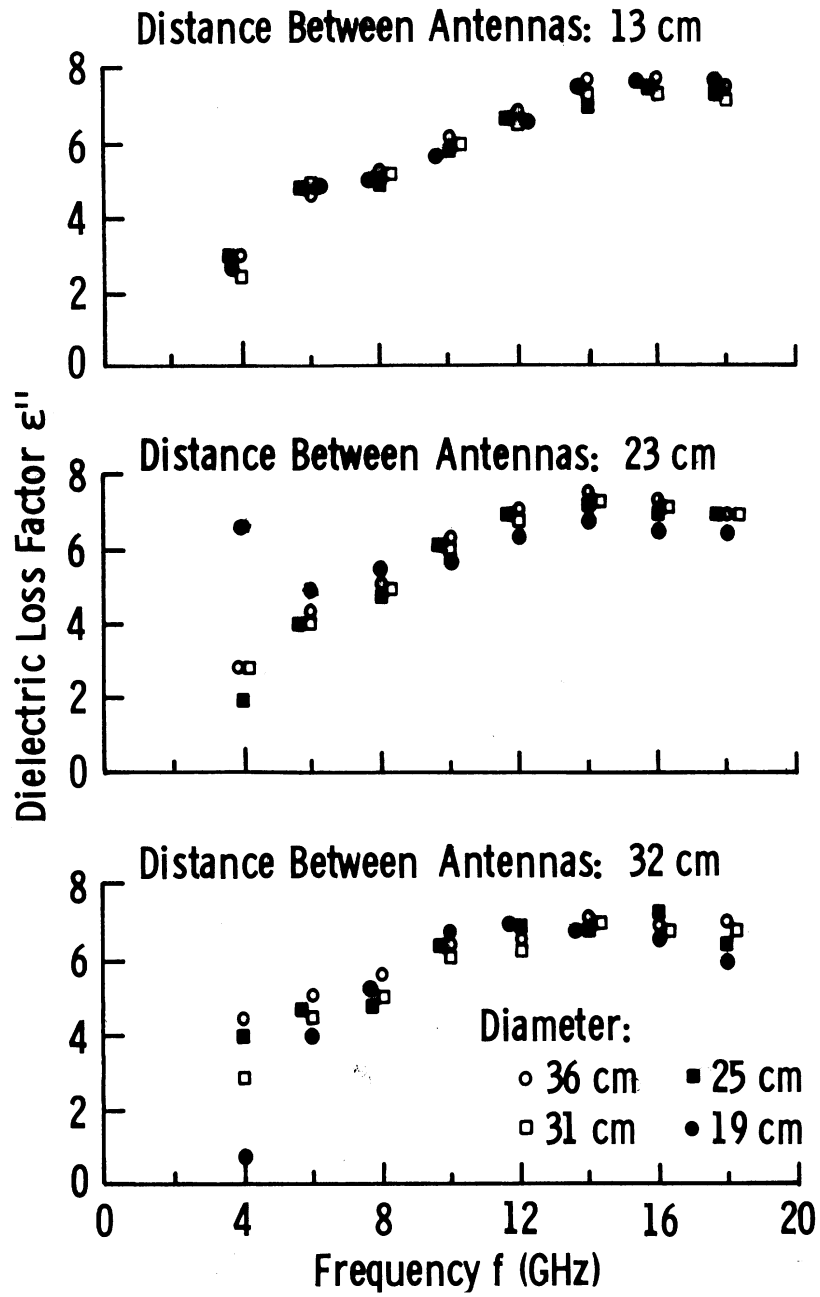


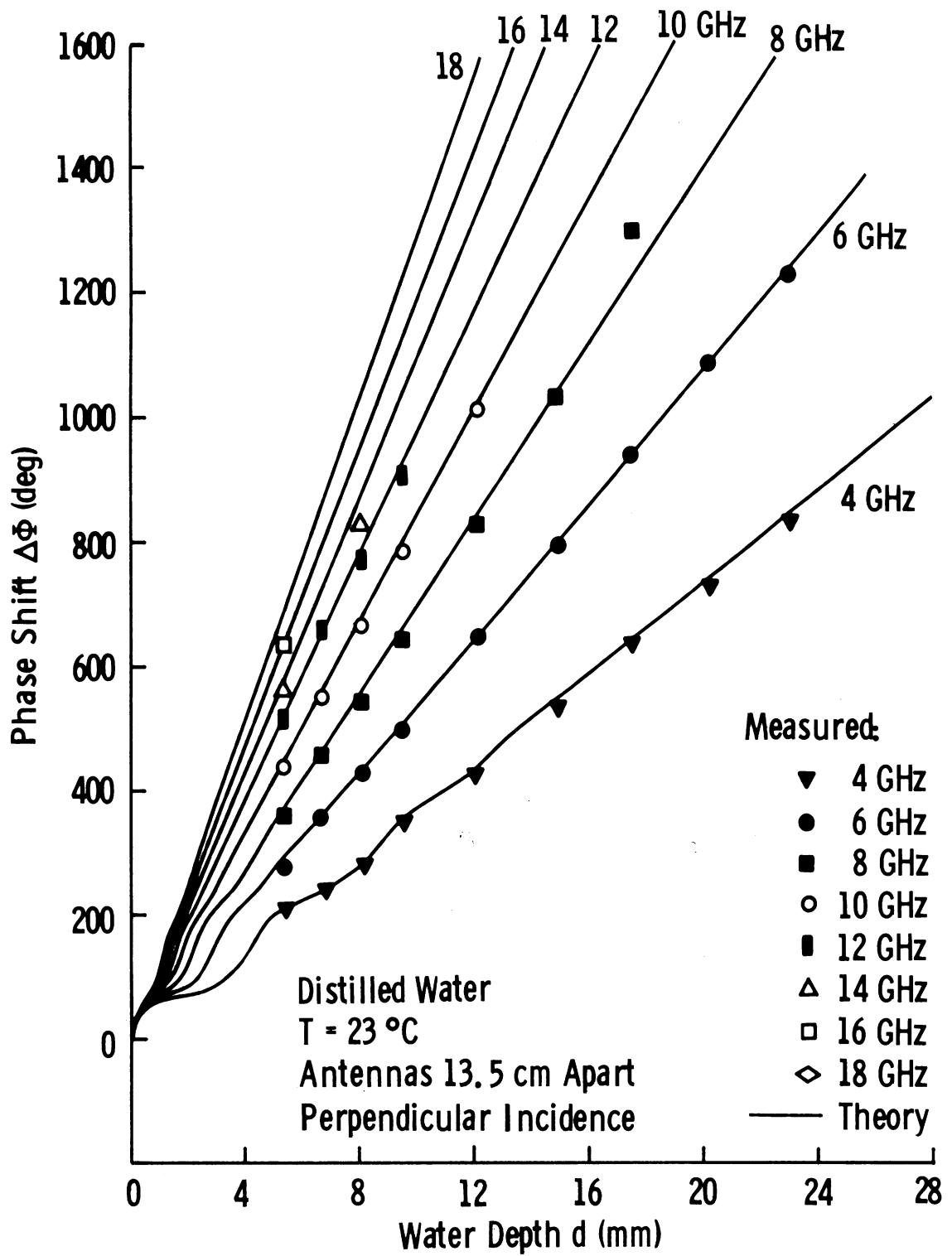


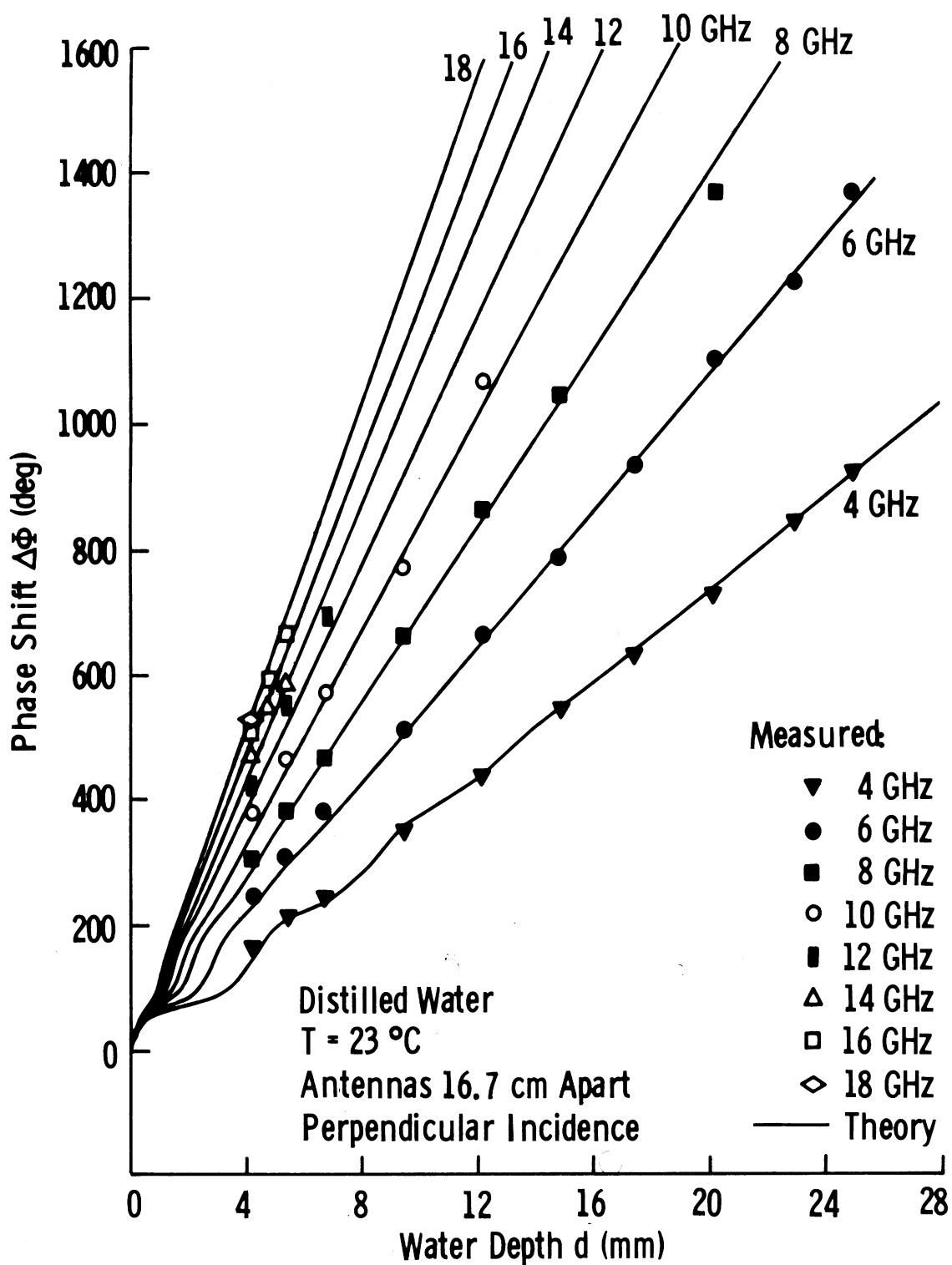


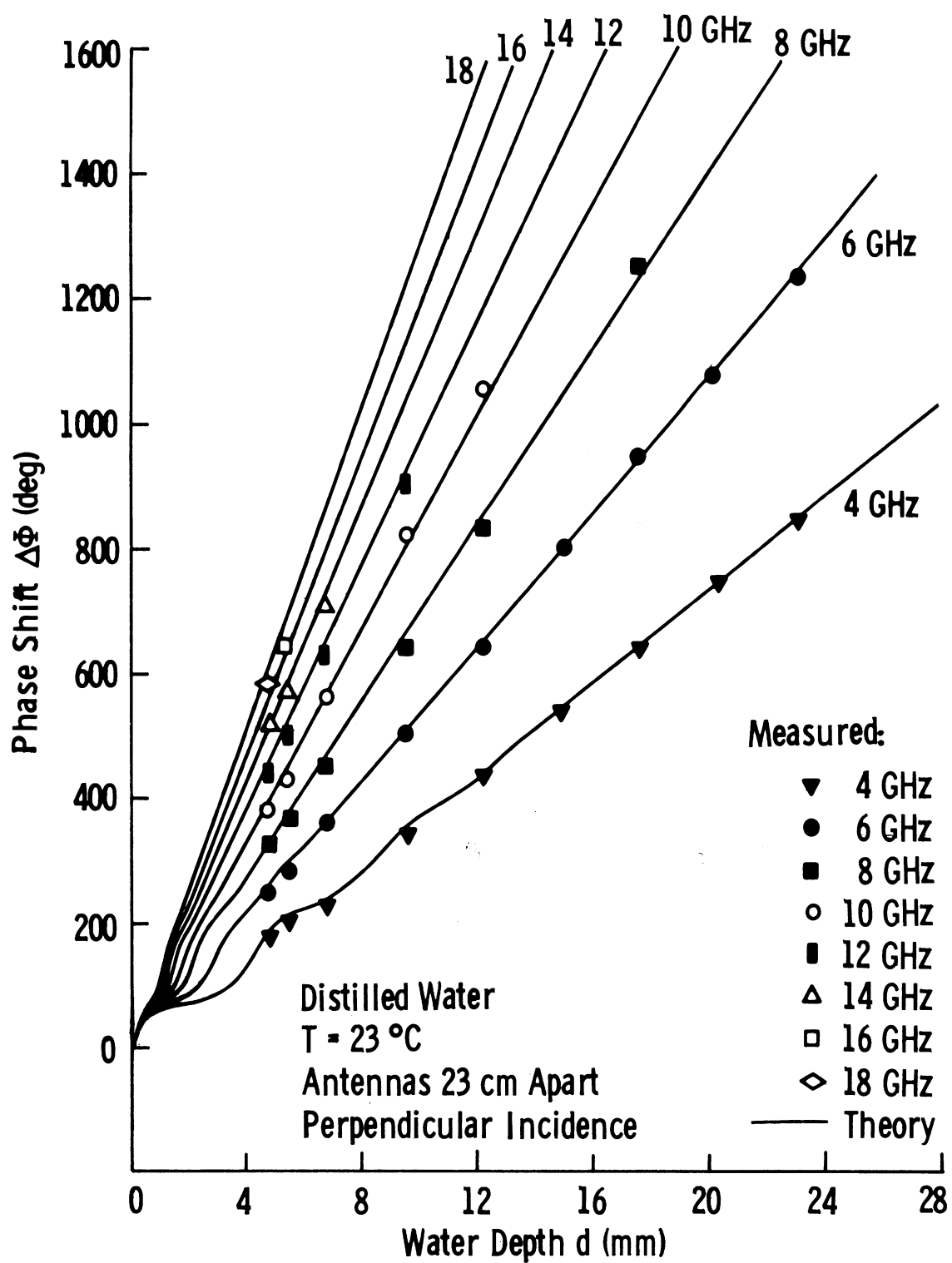


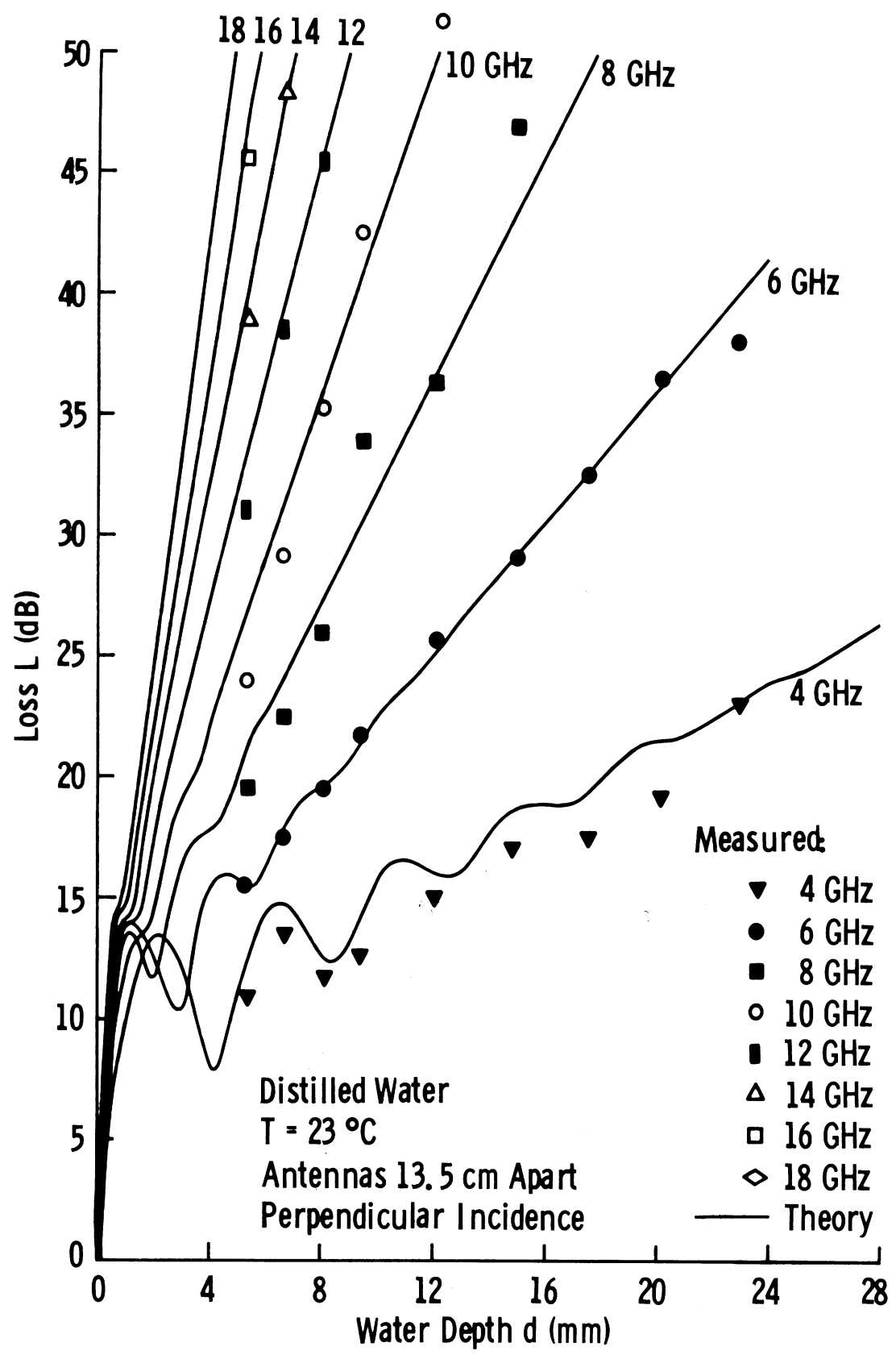


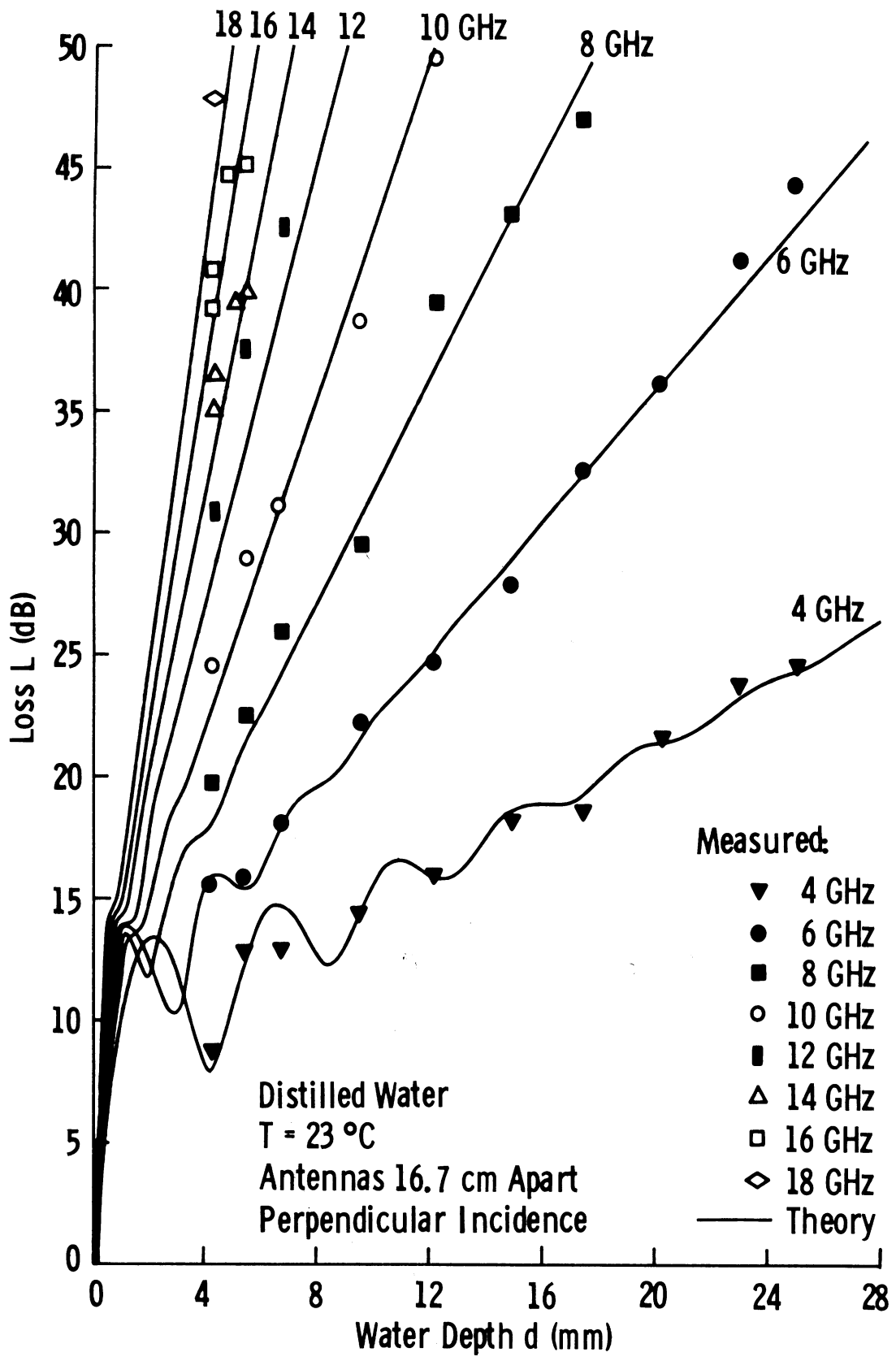


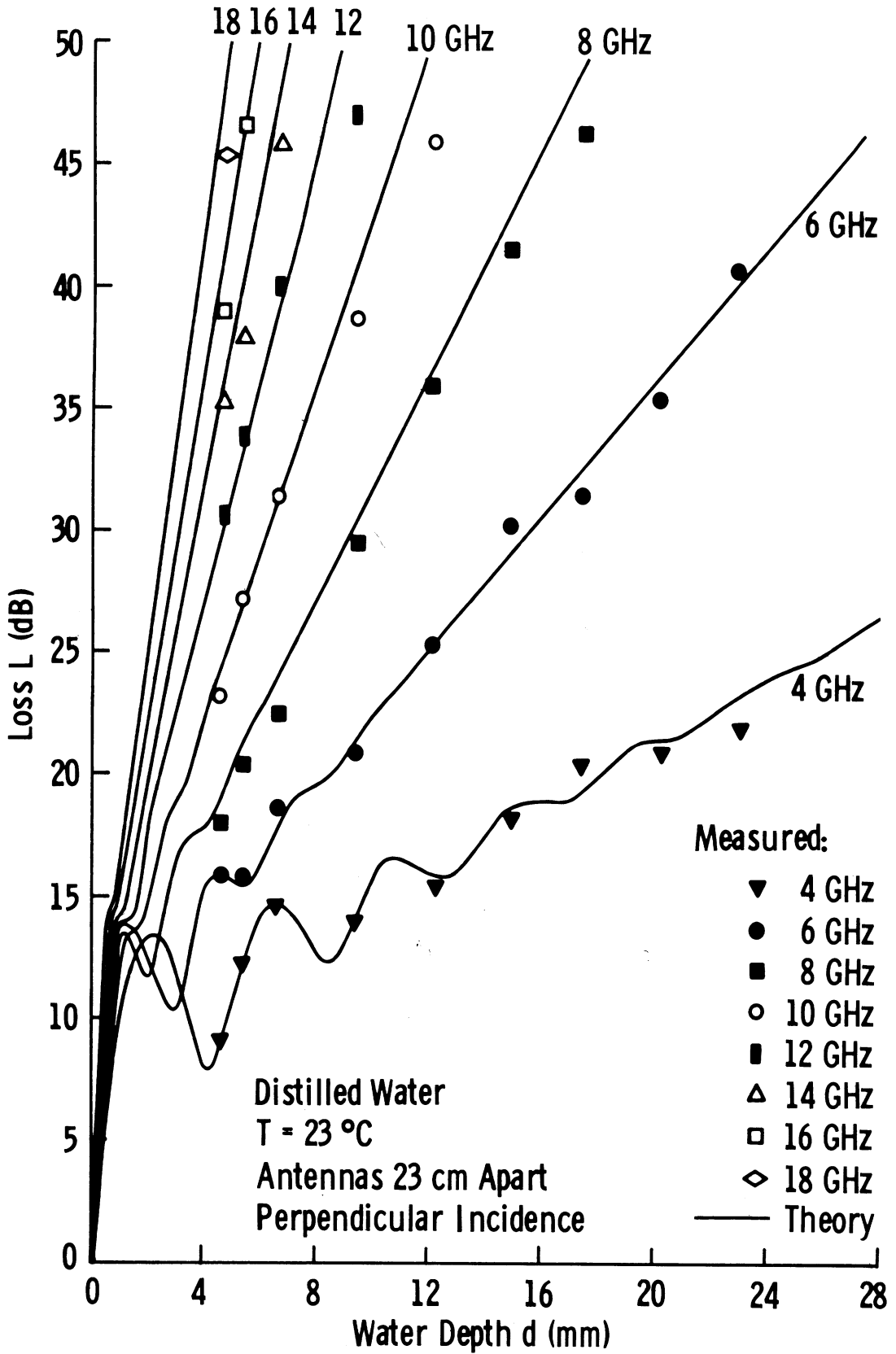


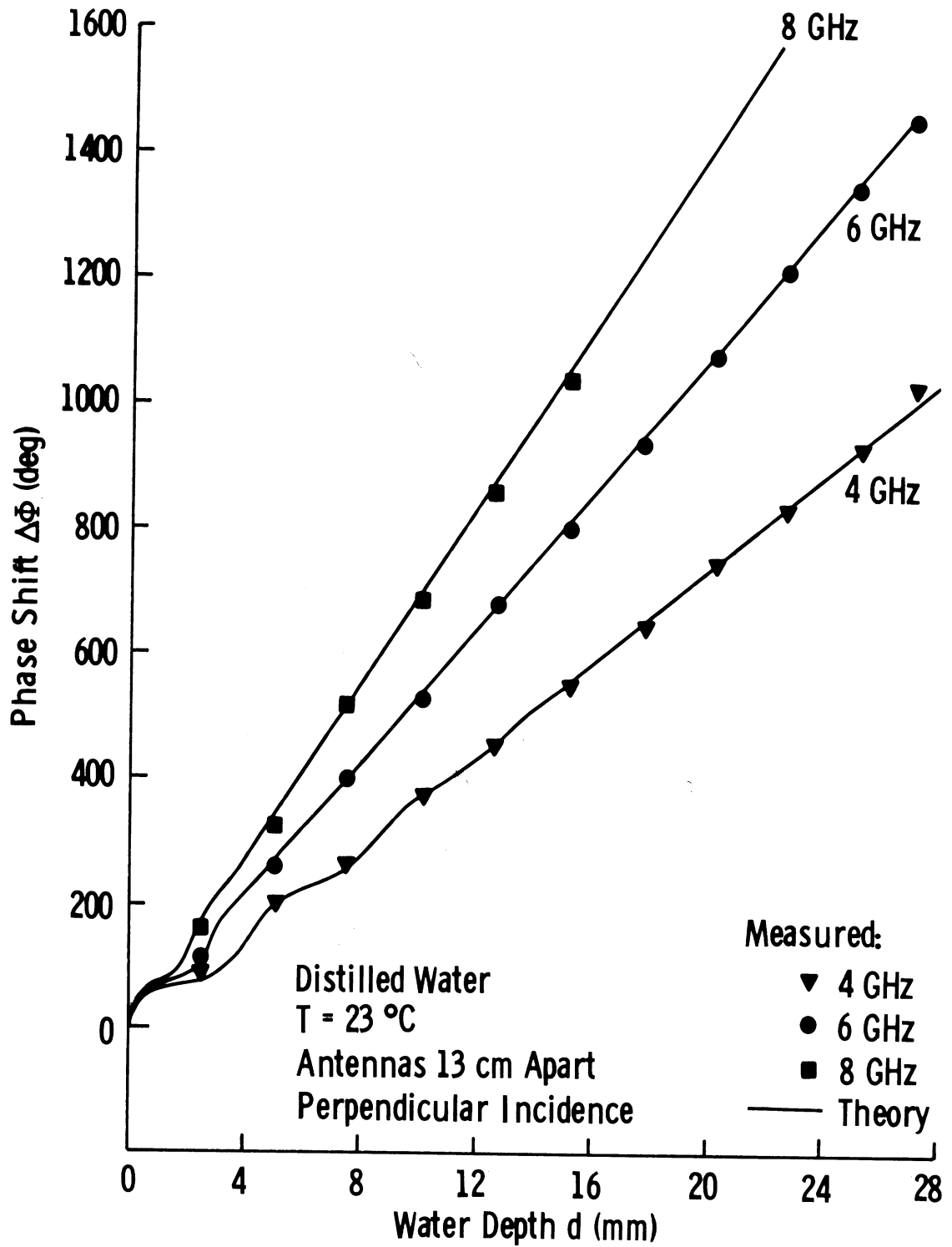


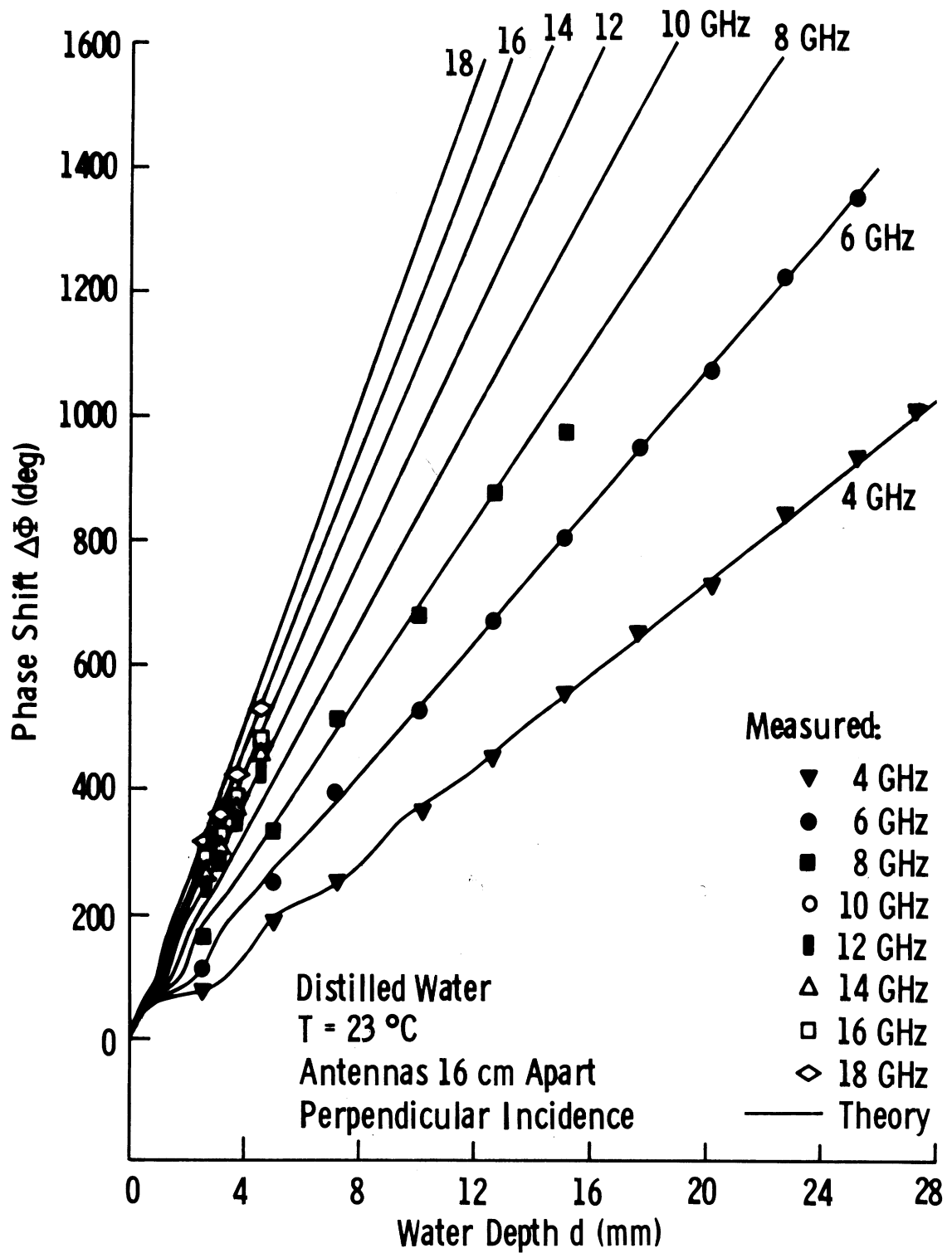


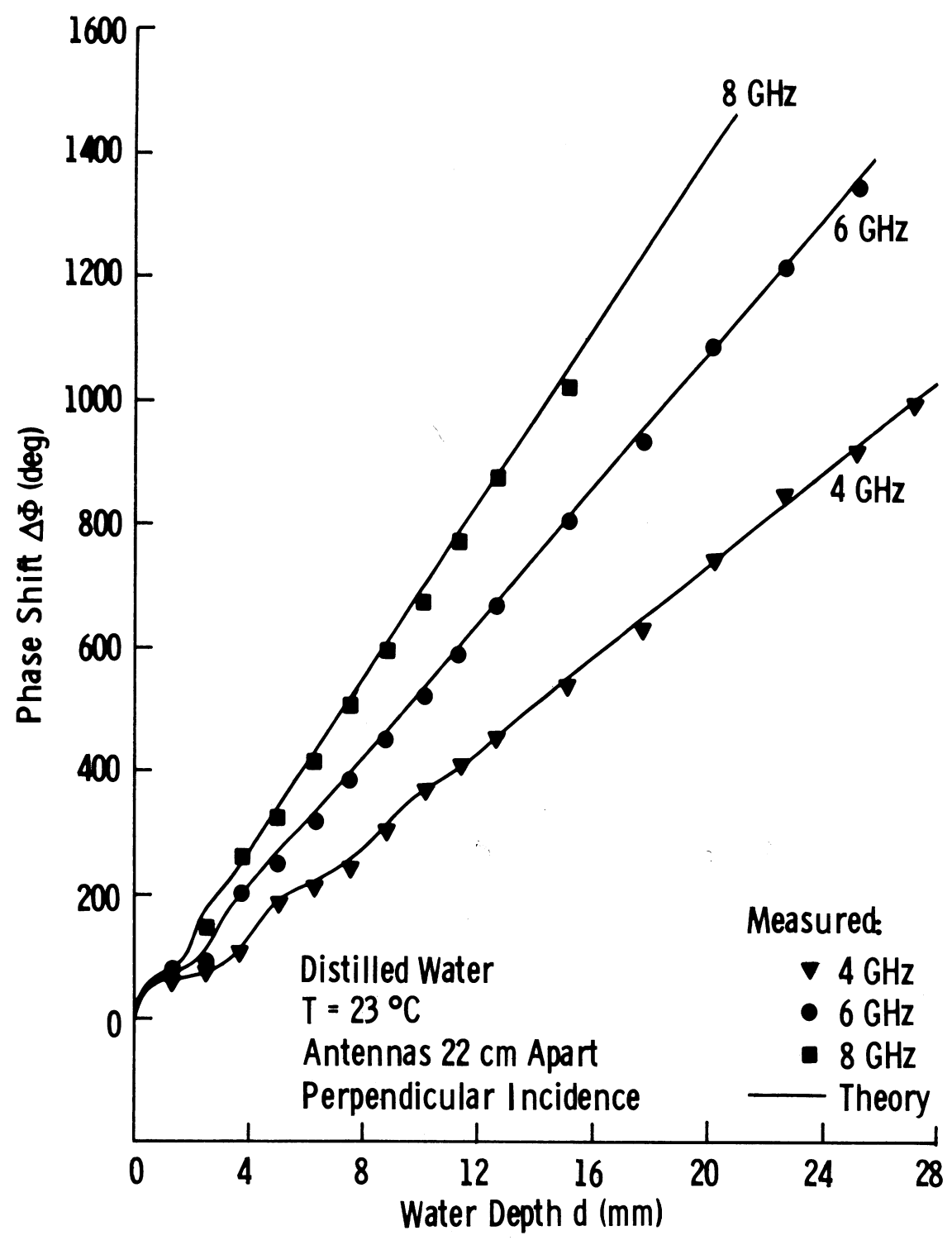


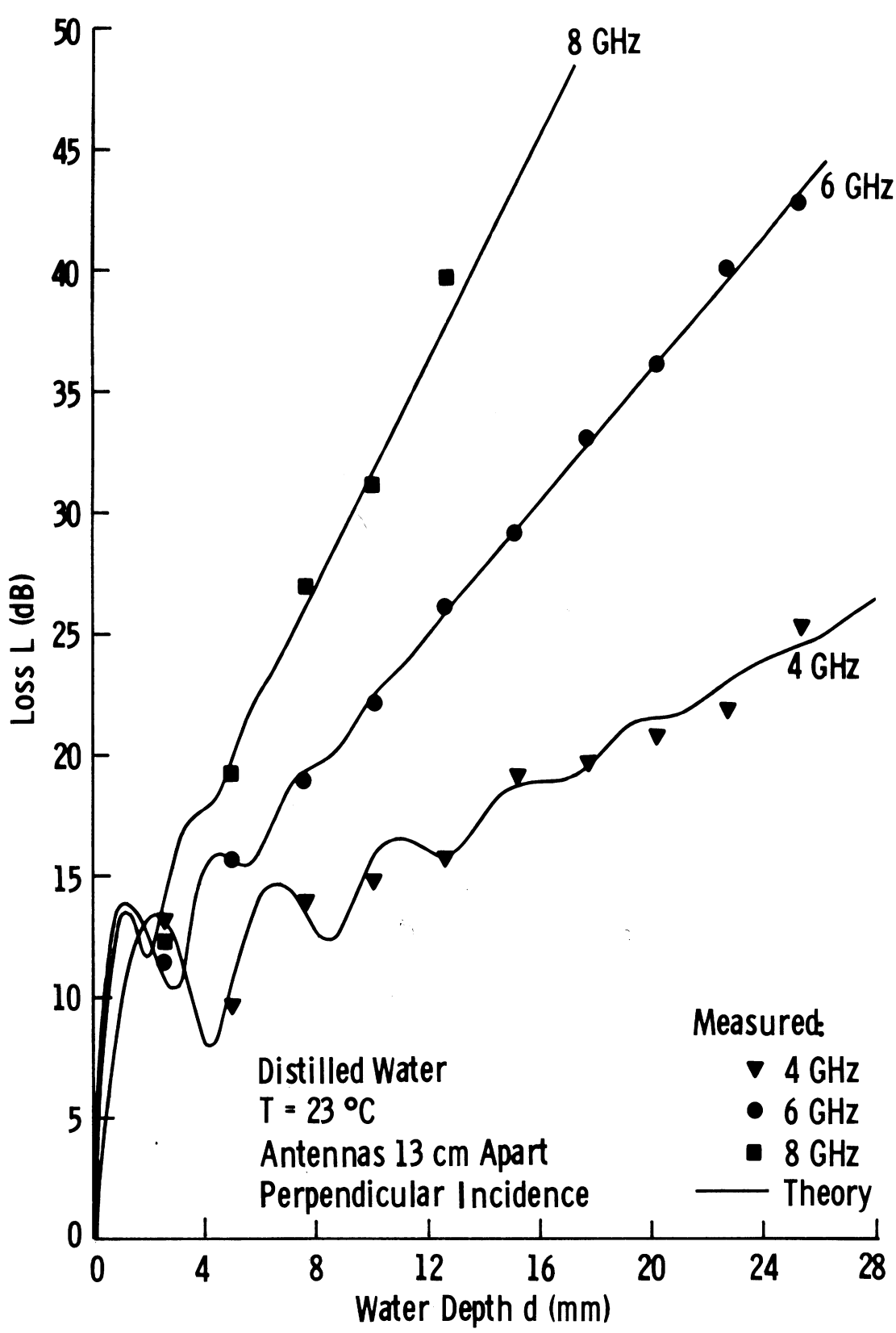


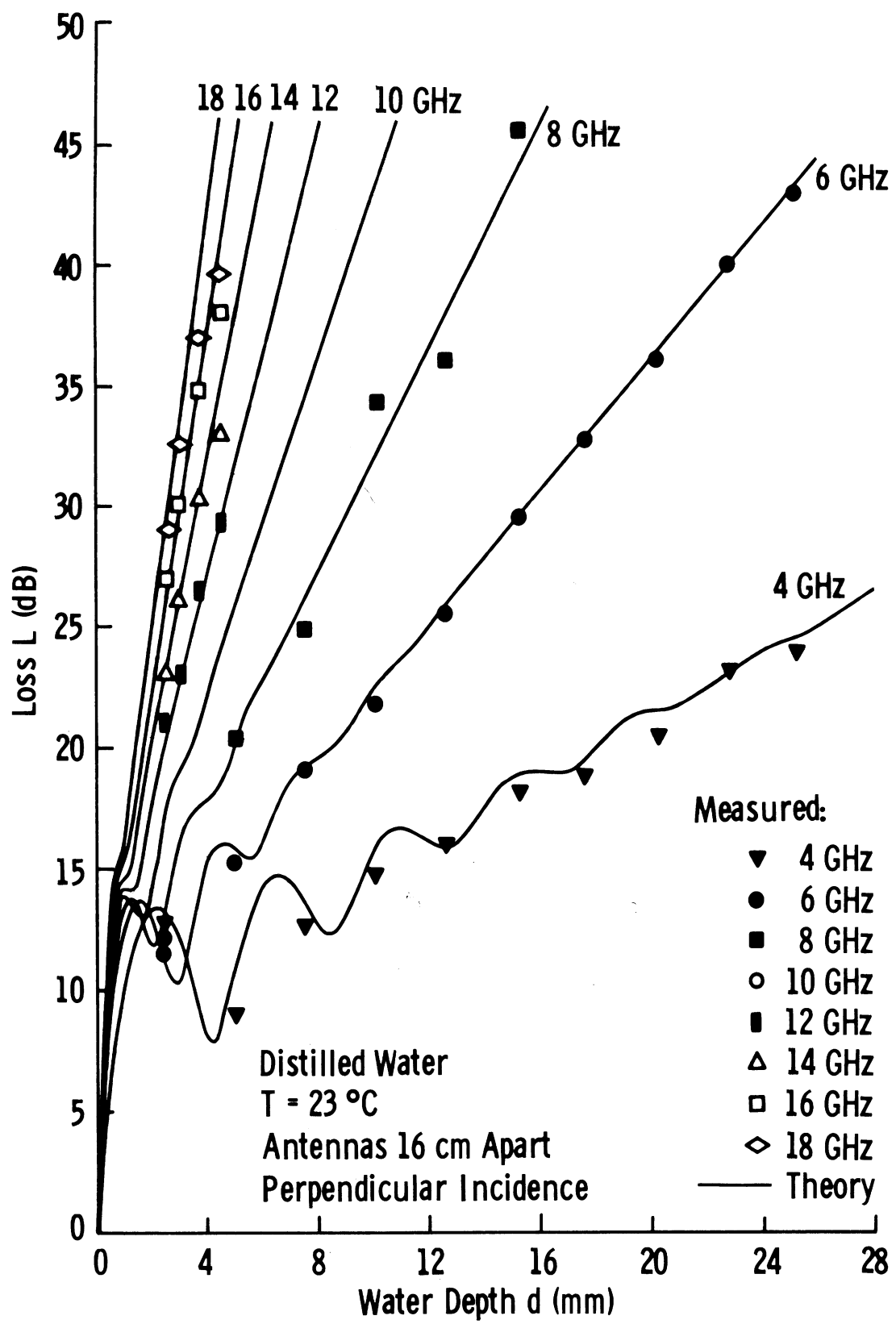


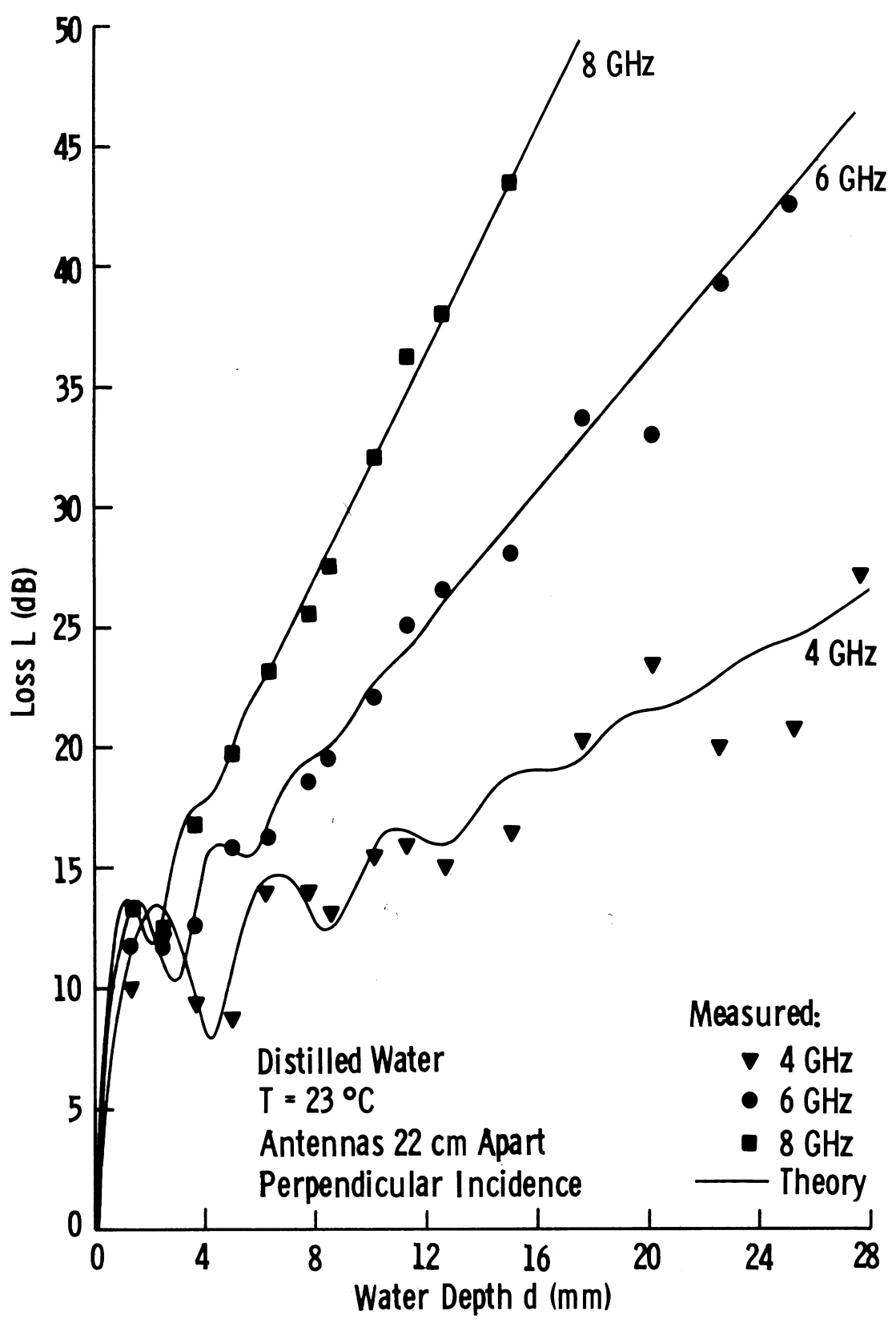


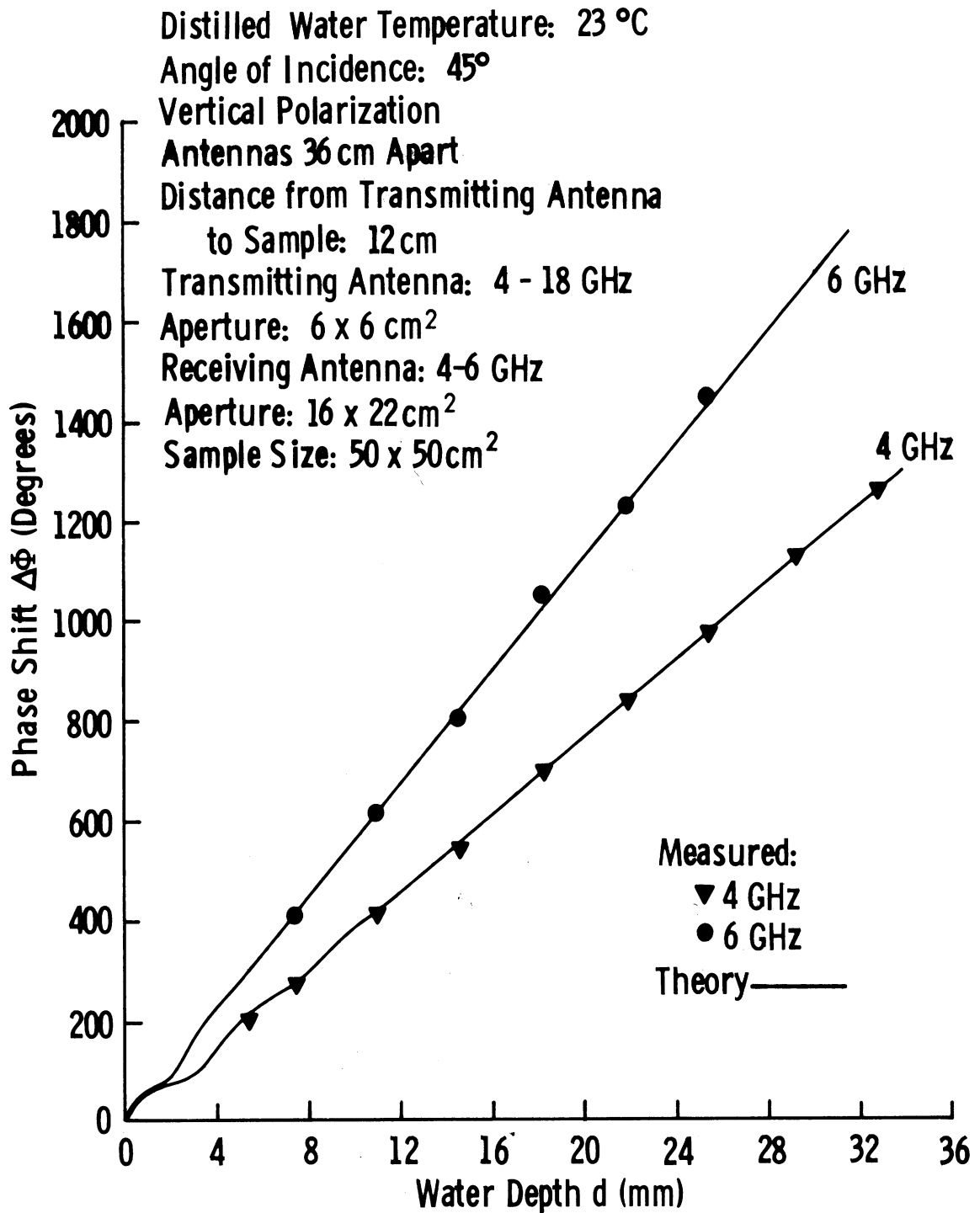


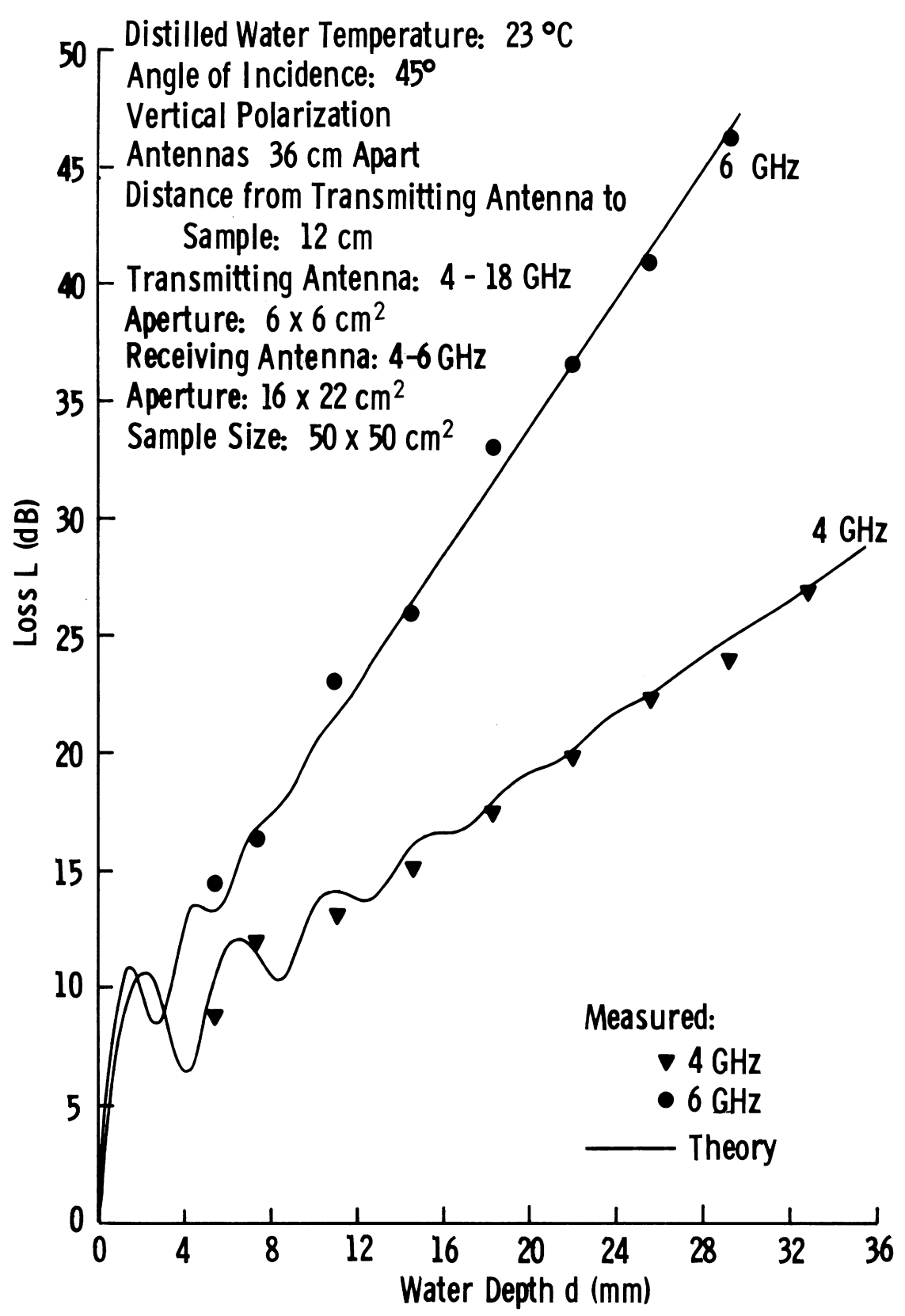


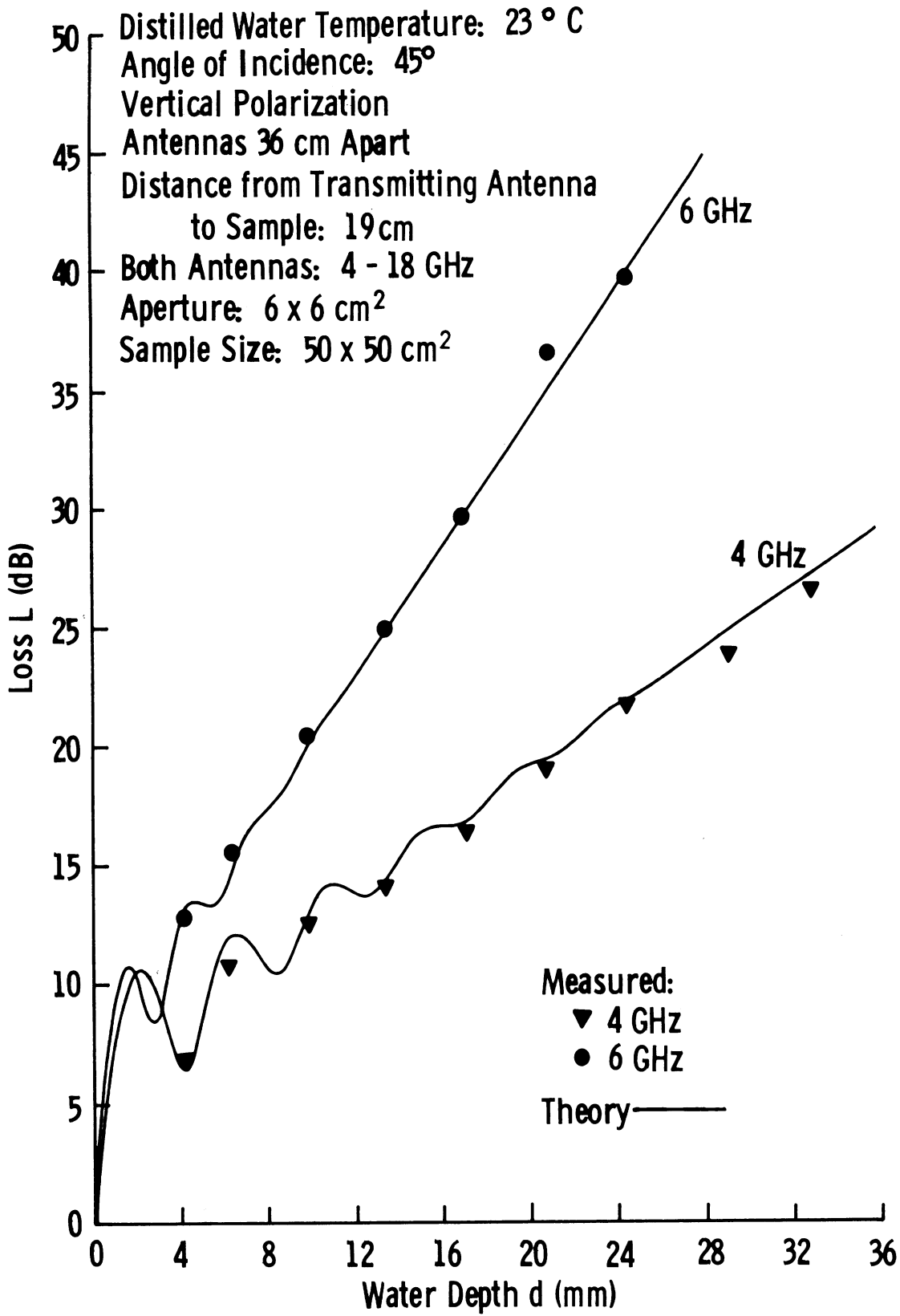


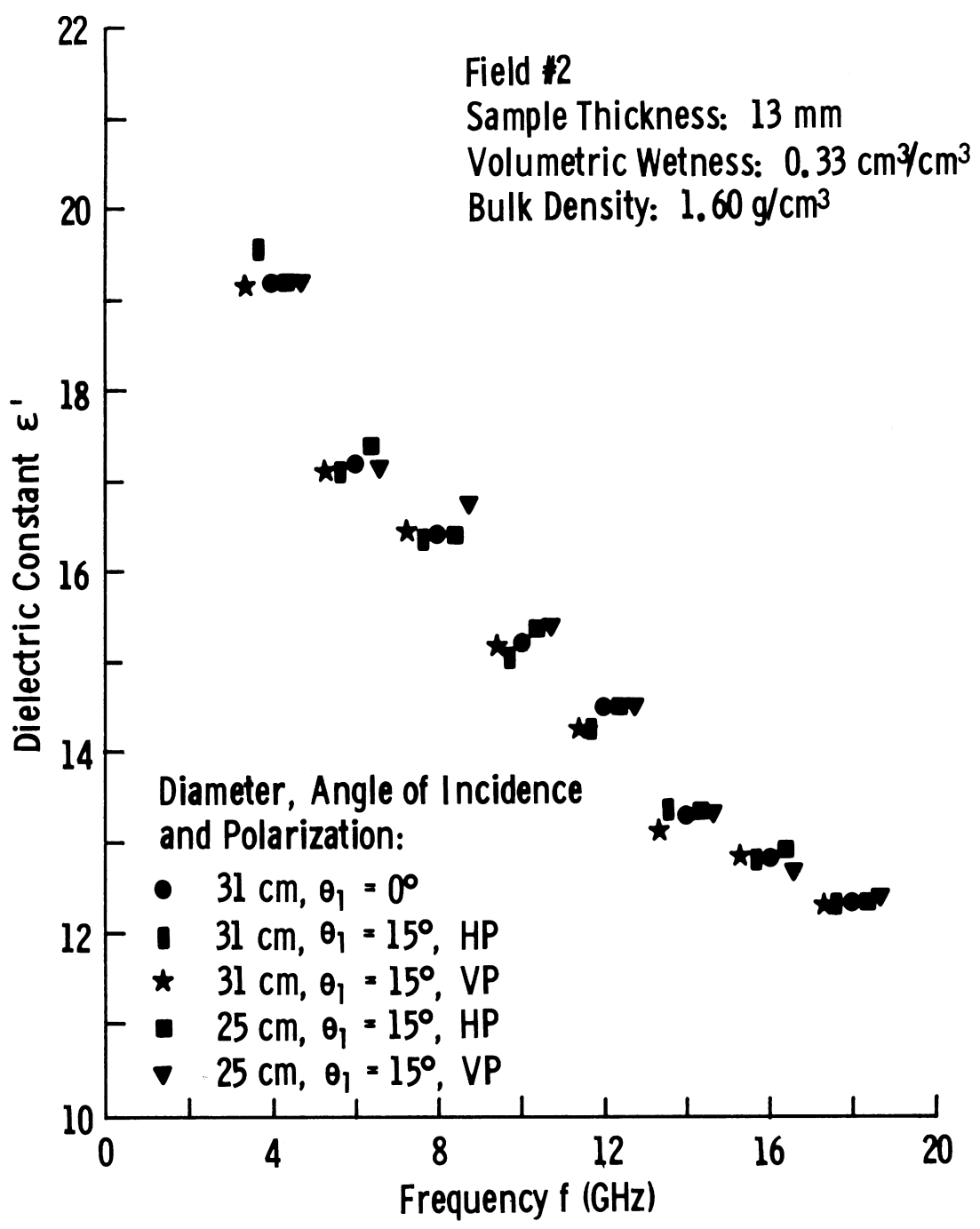


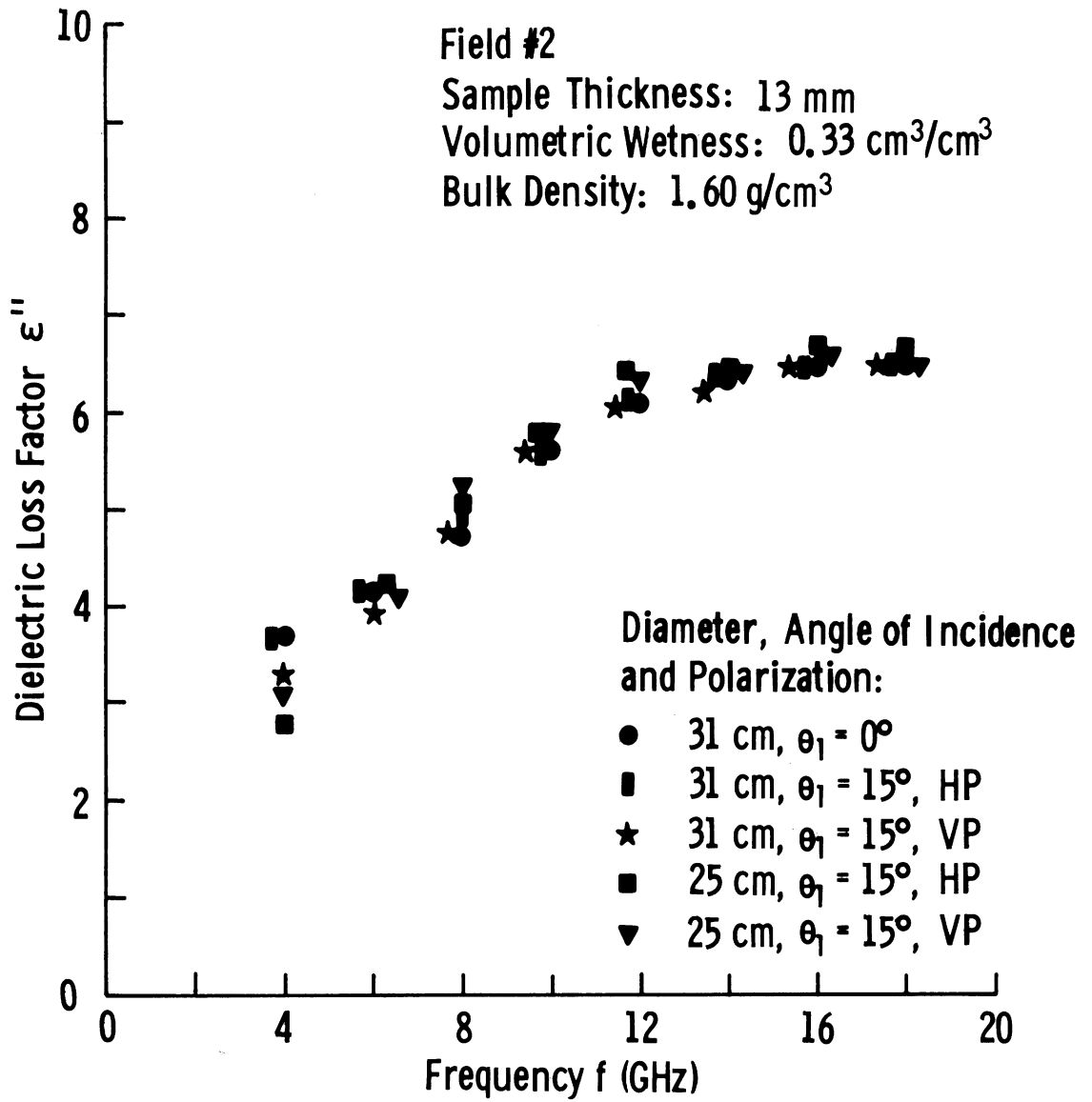


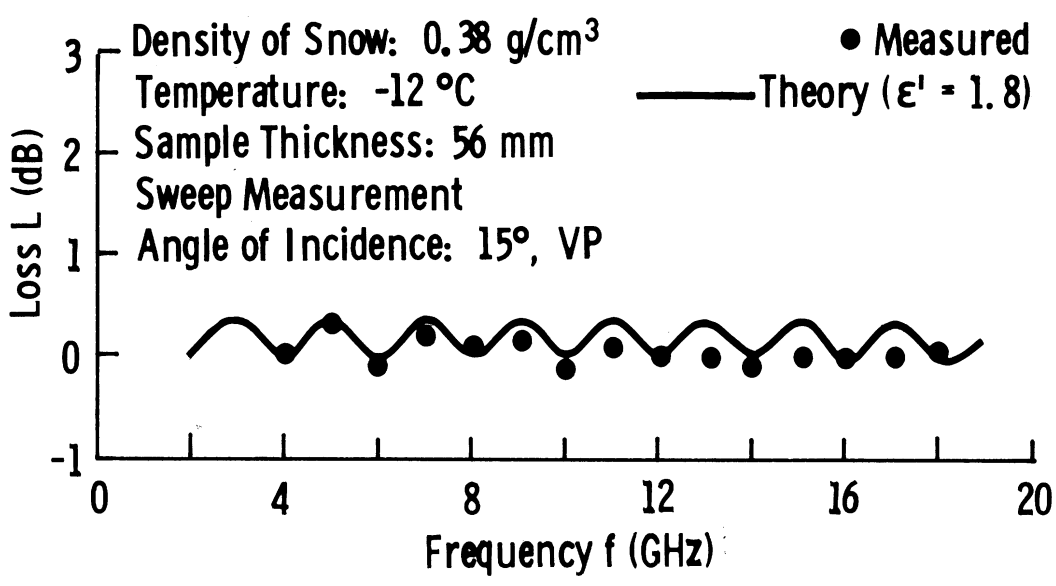
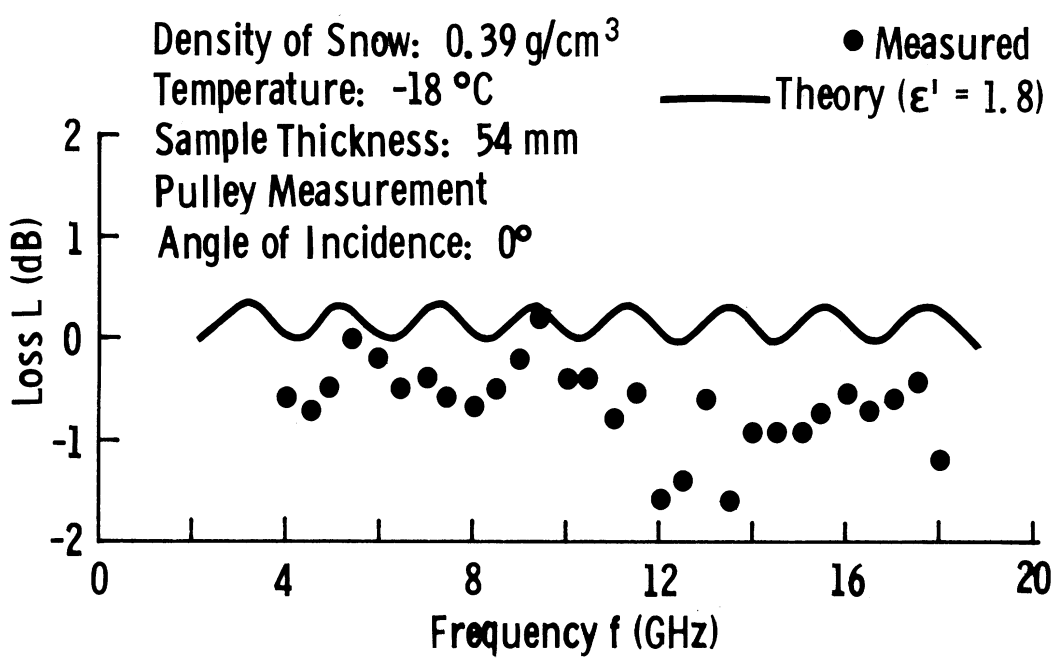






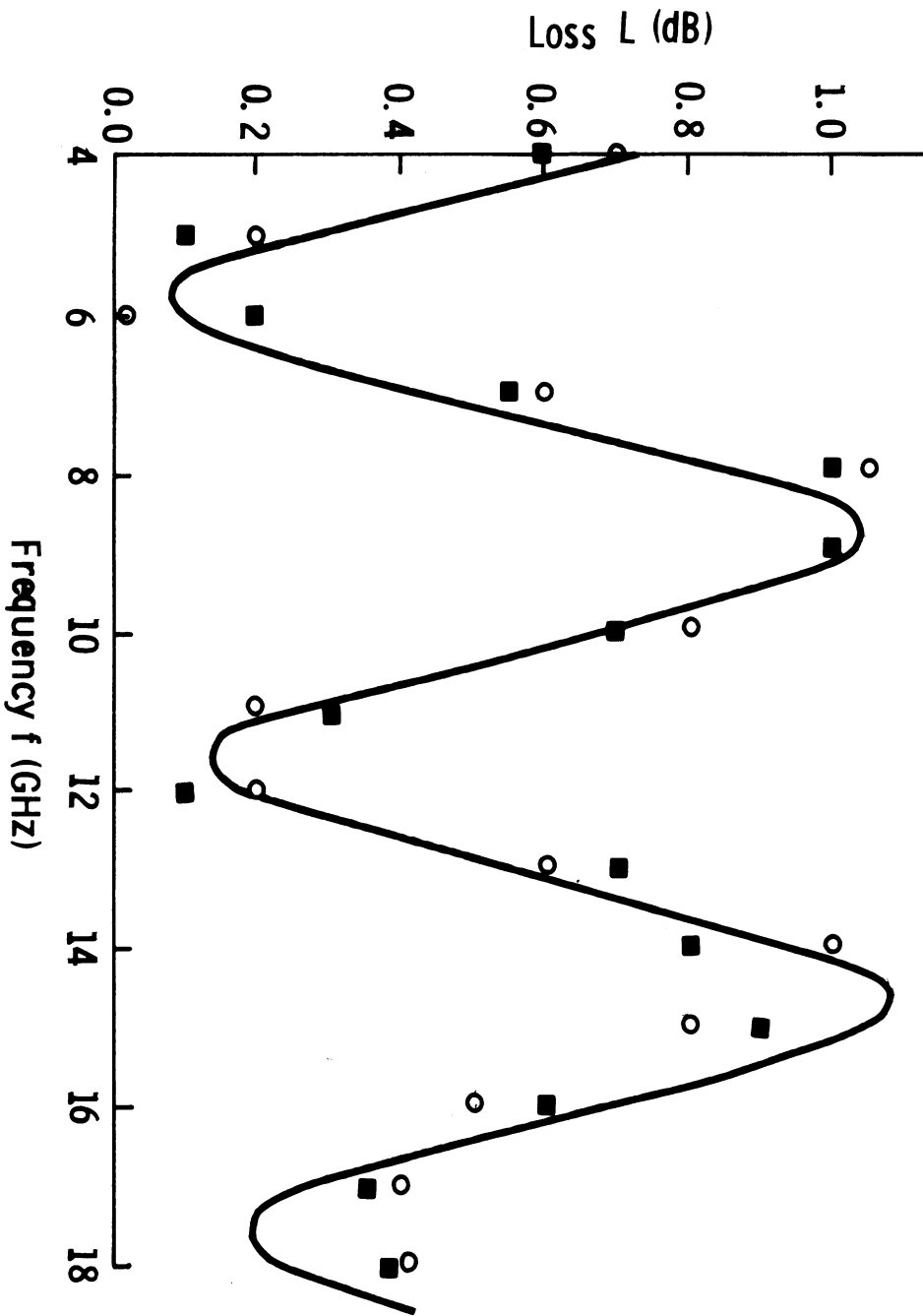


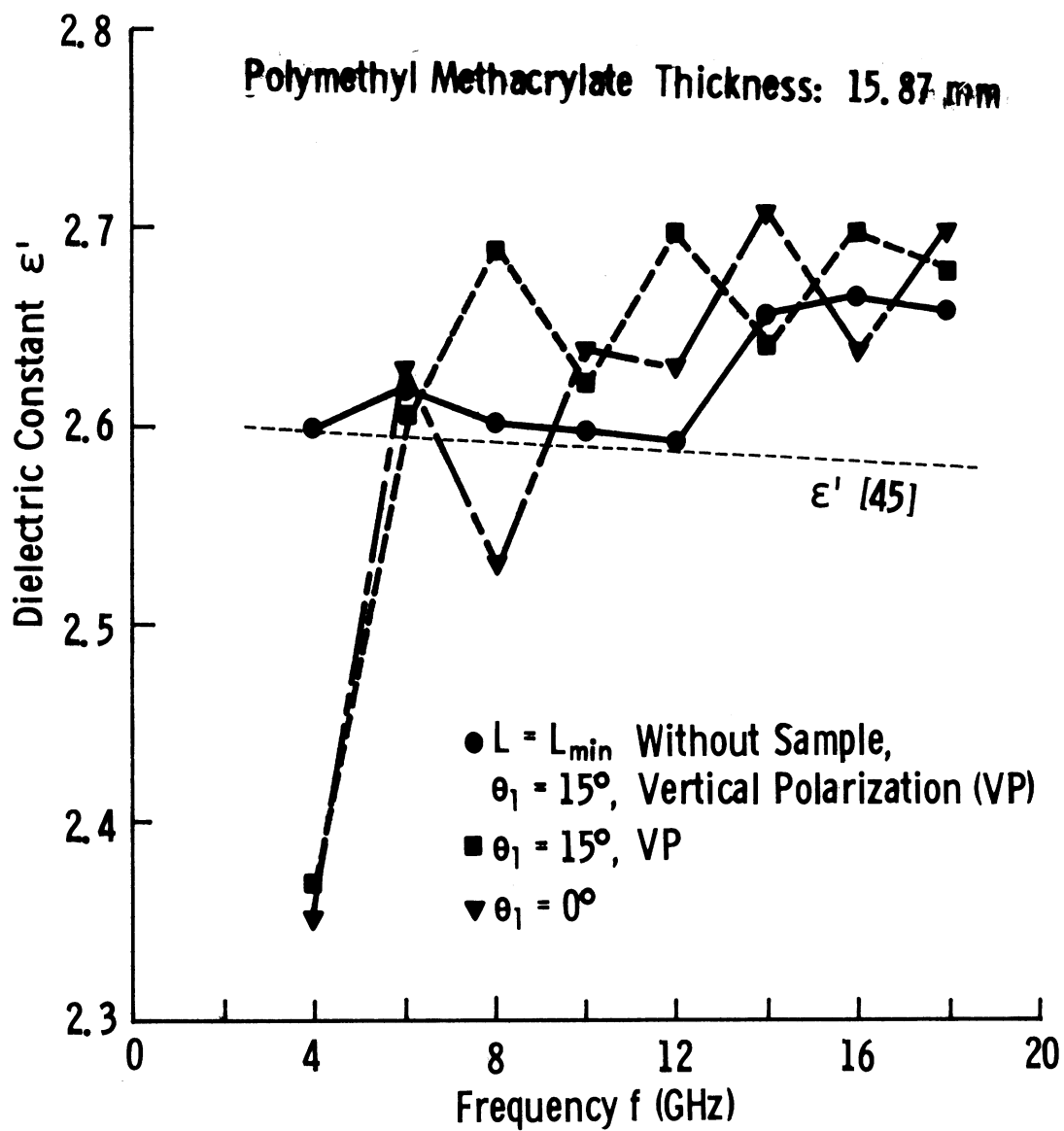


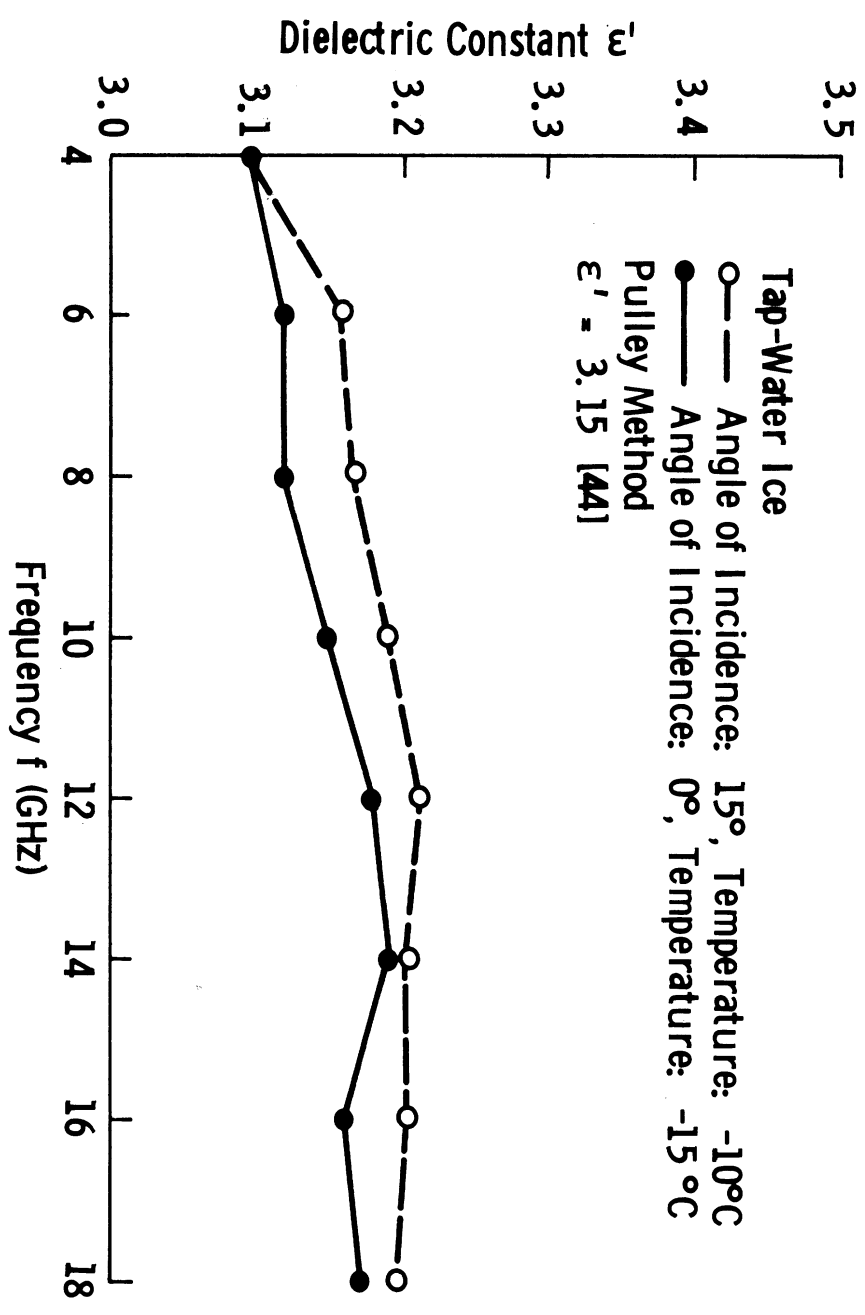


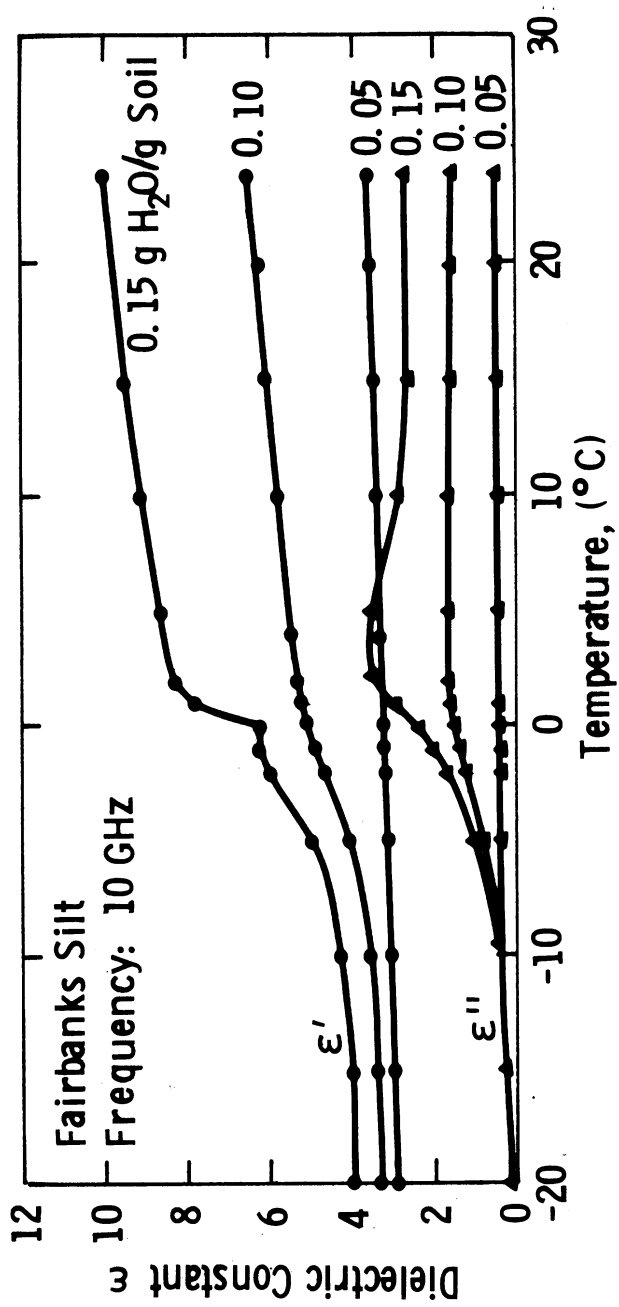
Polymethyl Methacrylate Thickness: 15.87 mm

- Theory for $\theta_1 = 0^\circ$
- Angle of Incidence 0°
- Angle of Incidence 15° , Vertical Polarization
- Sweep Technique

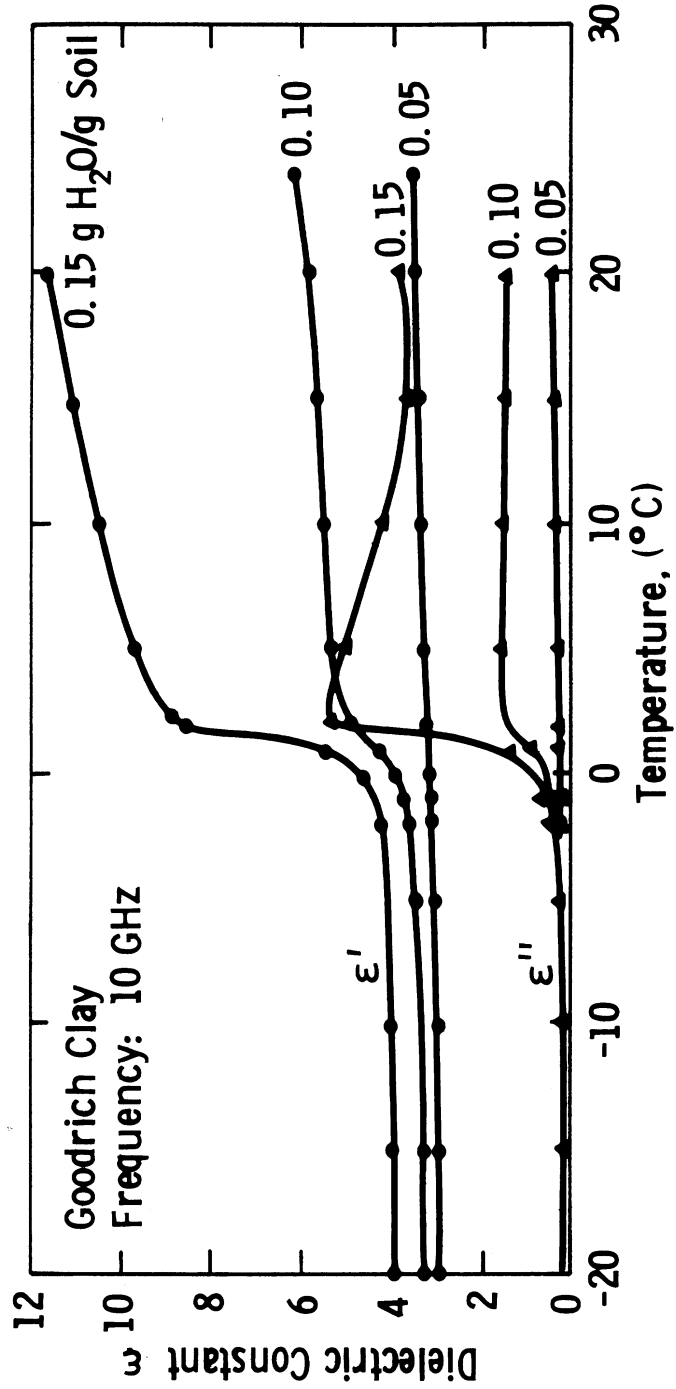


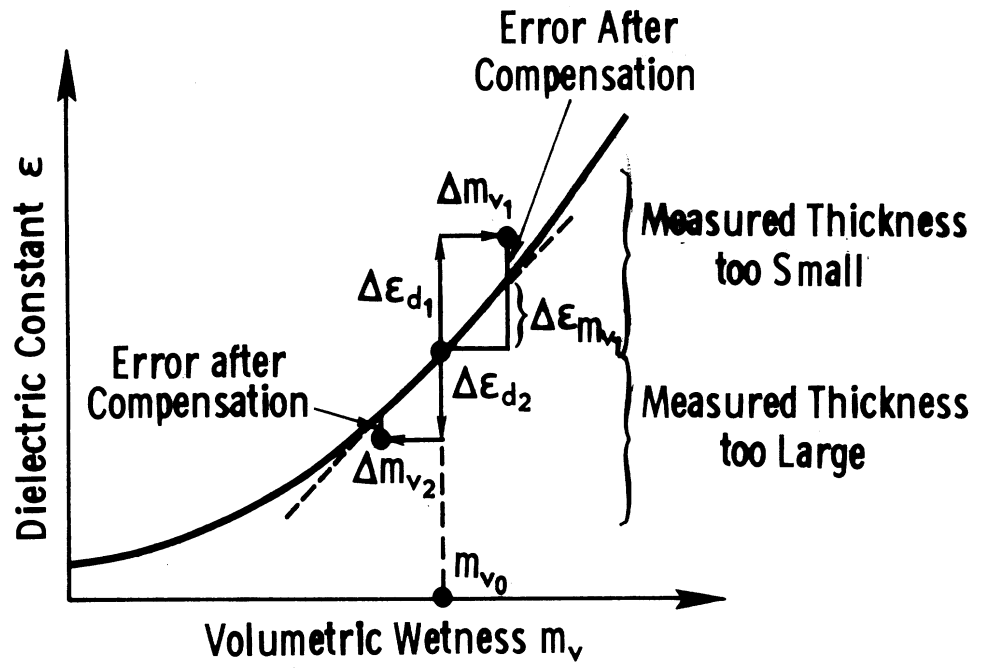


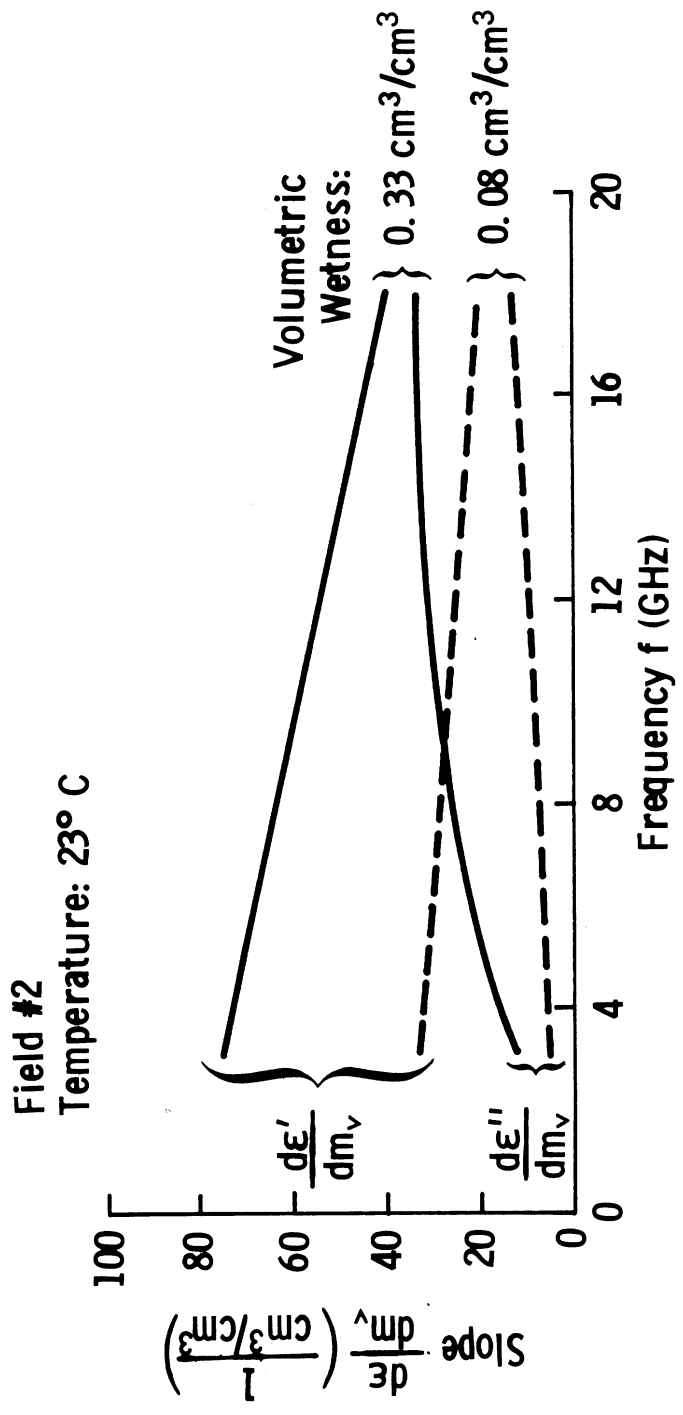


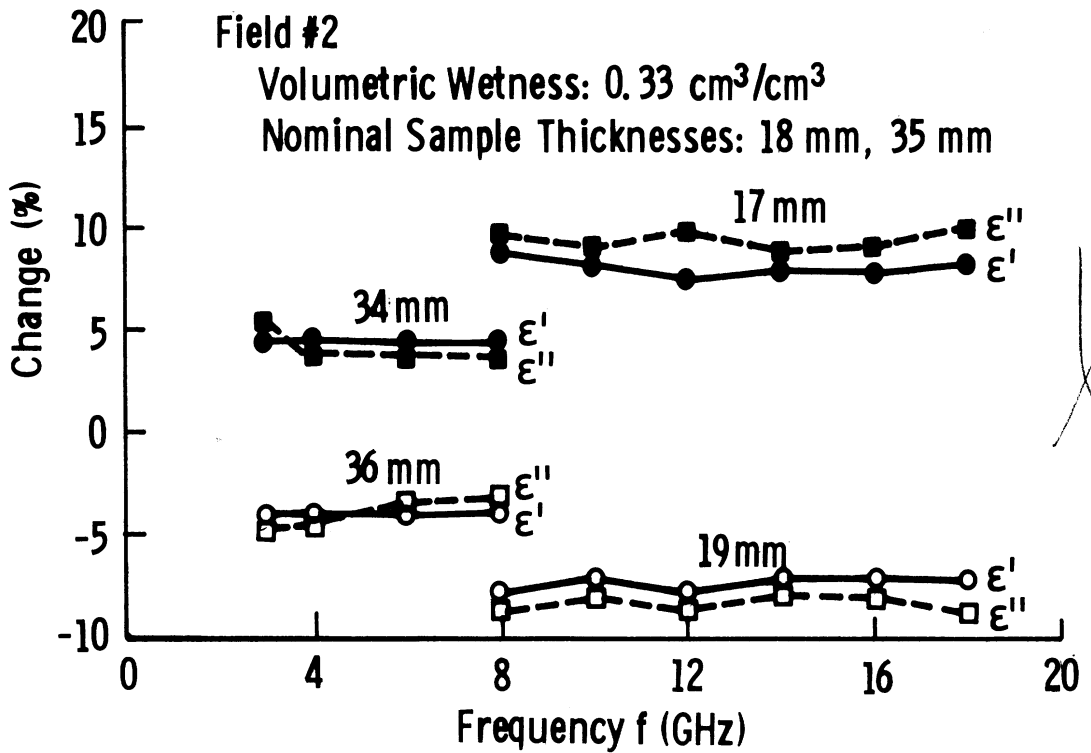
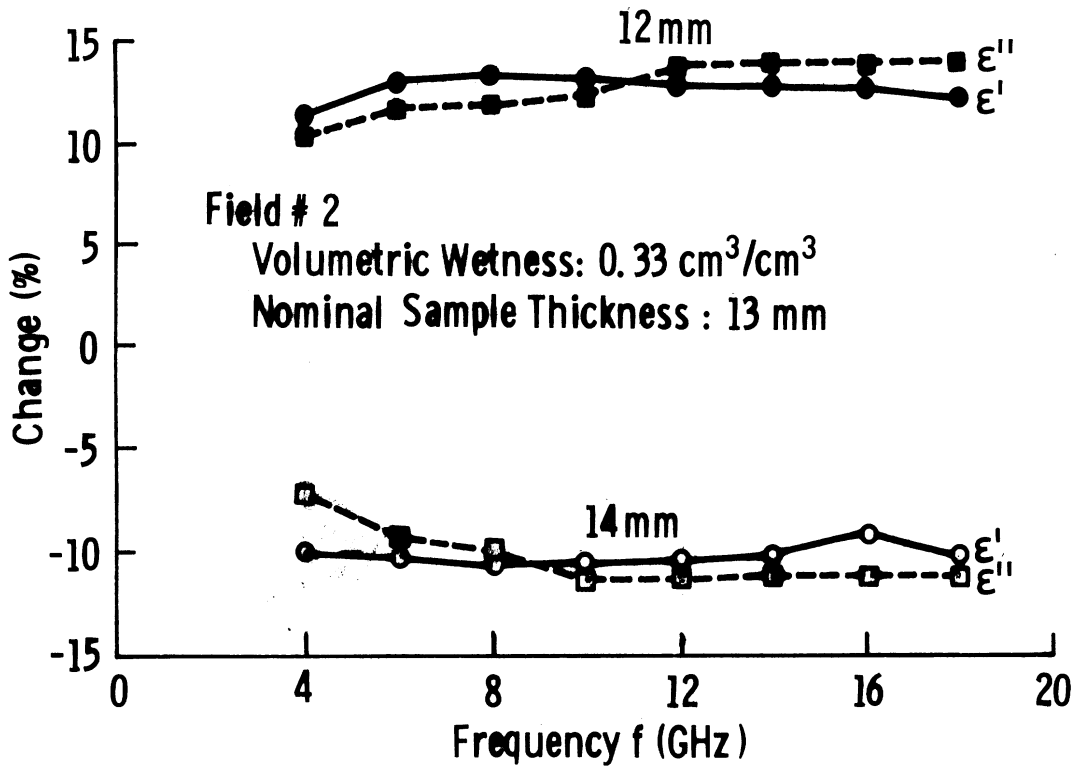


(two fig
some
page)



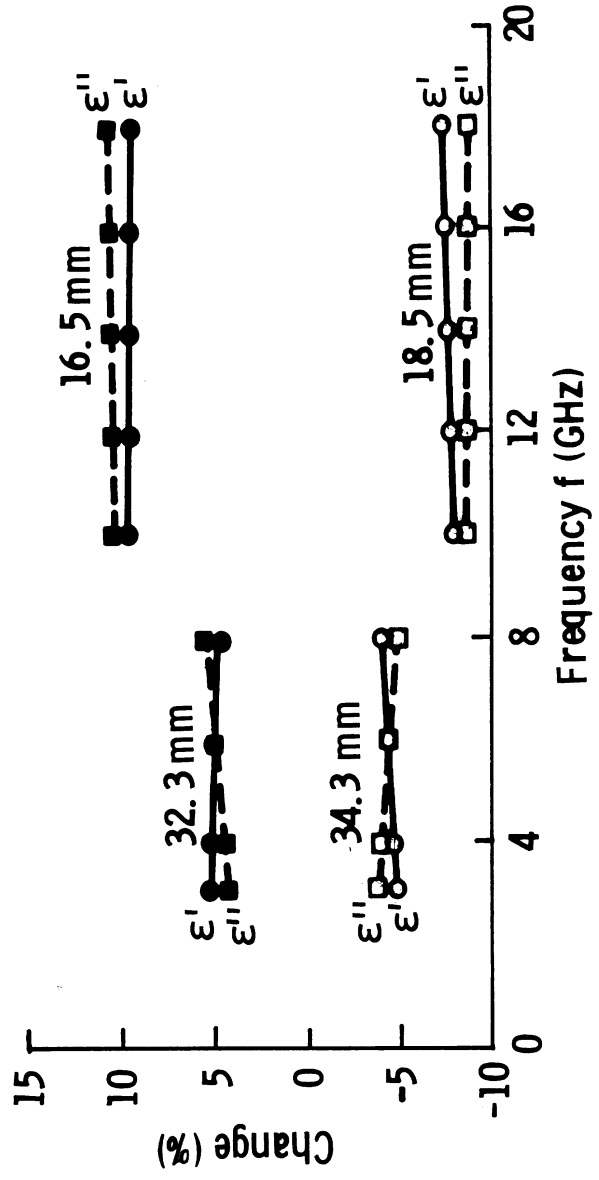


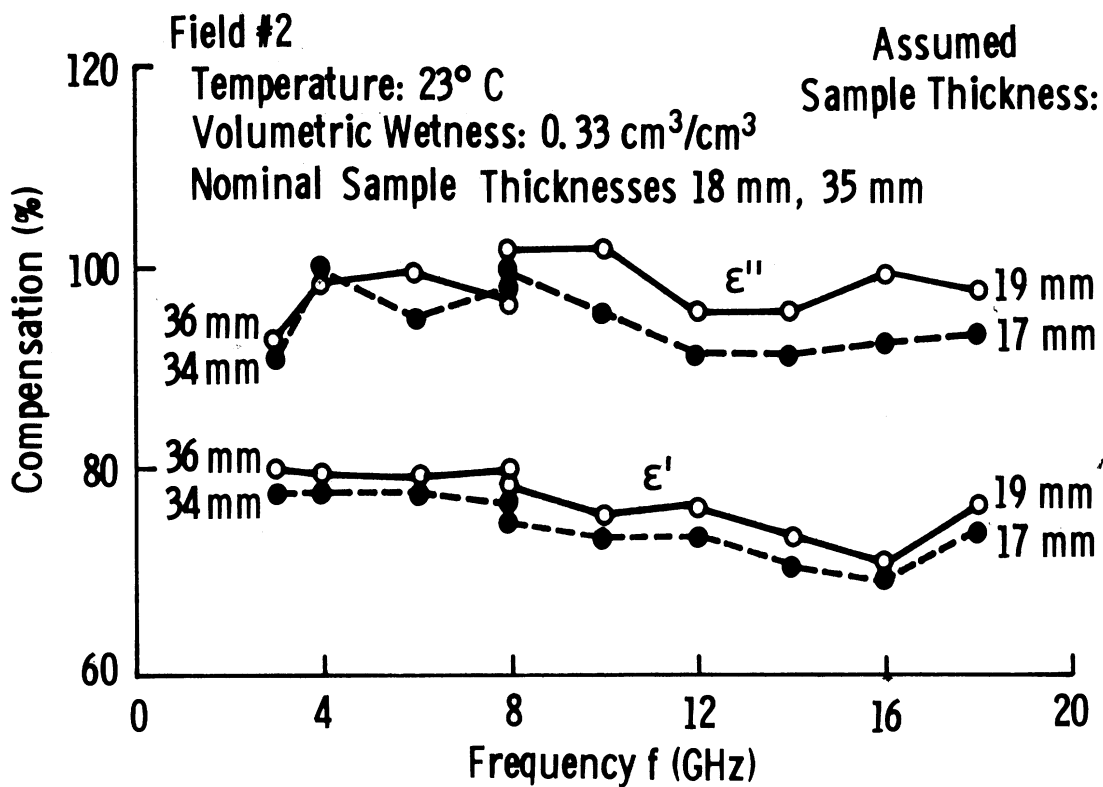
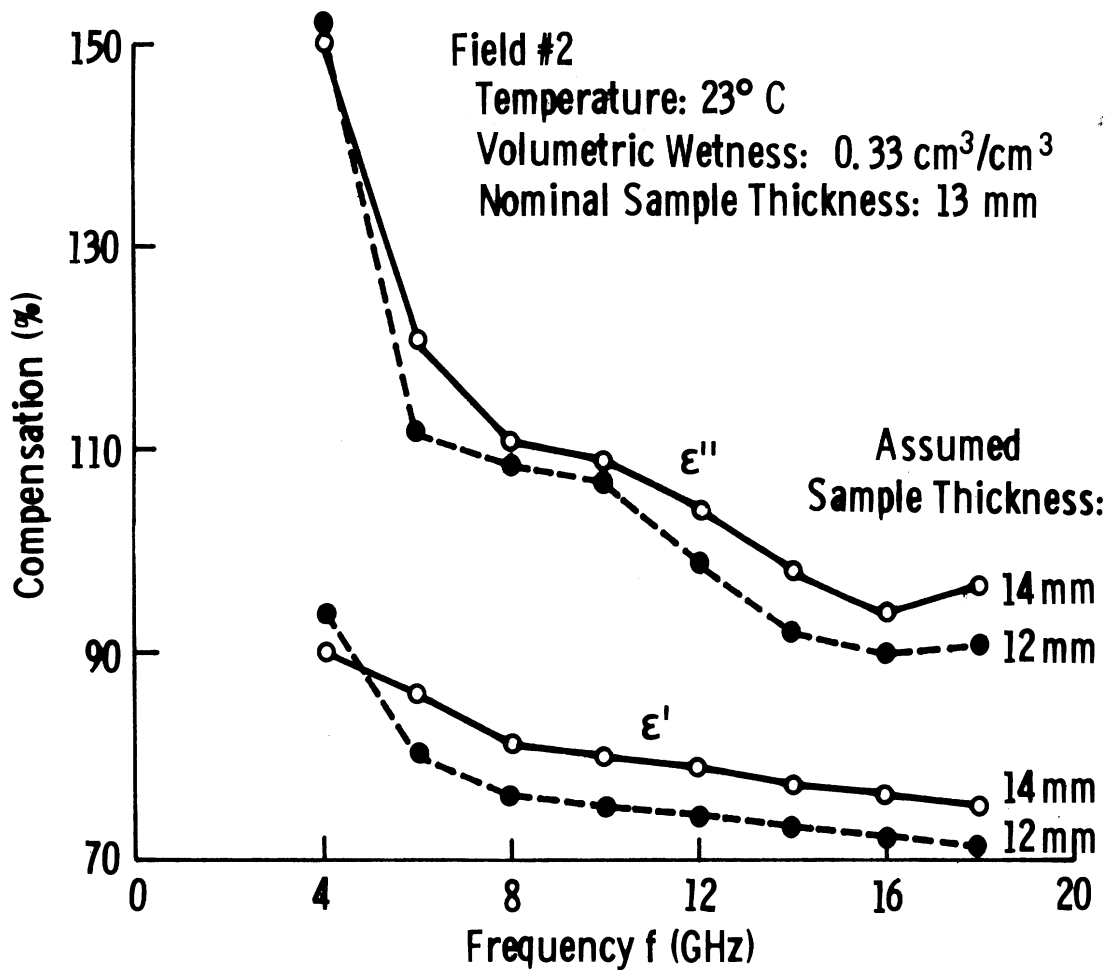




X
N

Field #2
 Volumetric Wetness: 0.33 cm³/cm³
 Nominal Sample Thickness: 33.3 mm and 17.5 mm





(NO)



Field #2
 Volumetric Wetness: 0.33 cm³/cm³
 Nominal Sample Thicknesses: 17.5 mm and 33.3 mm

