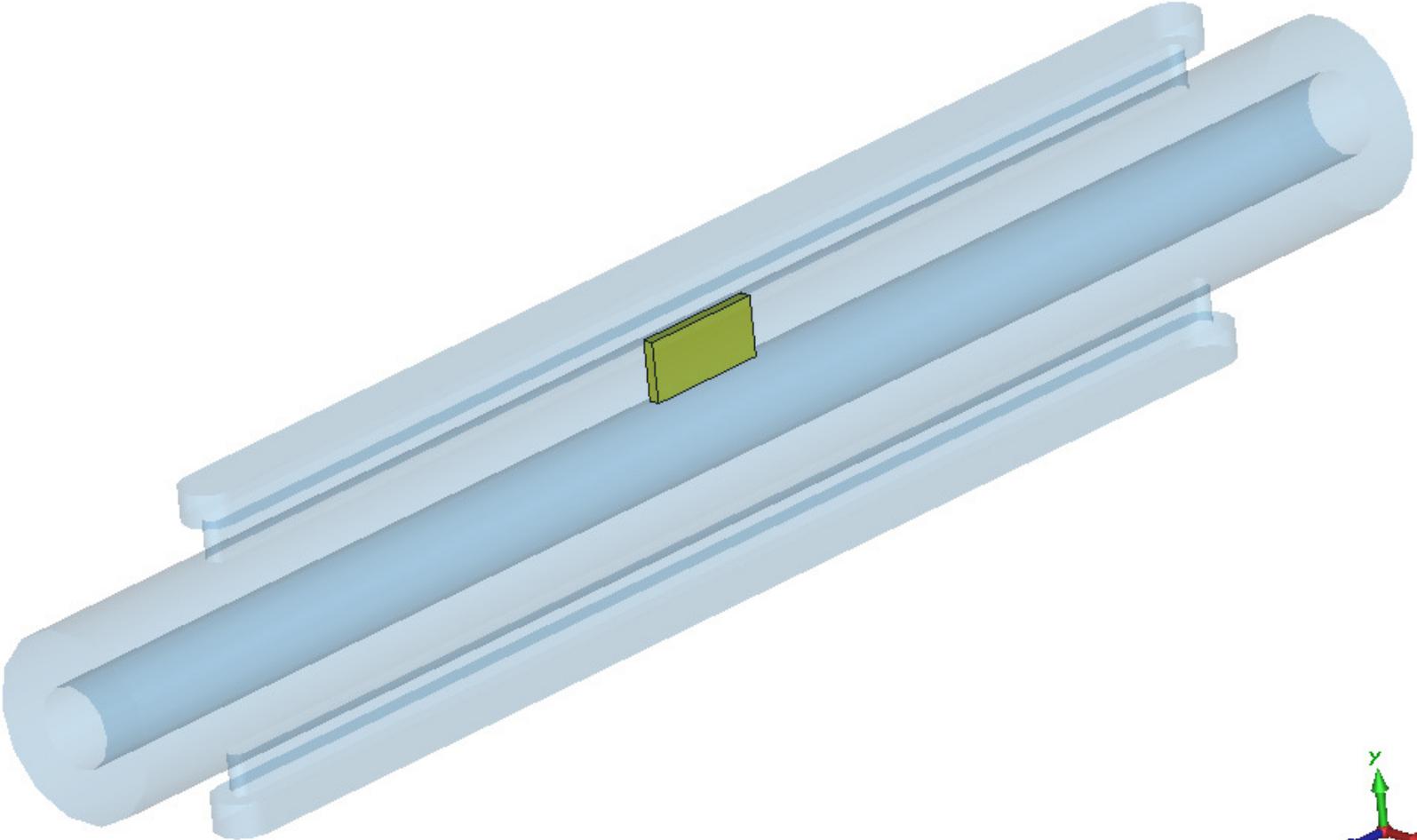


Measurements of dielectric constants, v. 3

S. Kazakov

12/11/2014

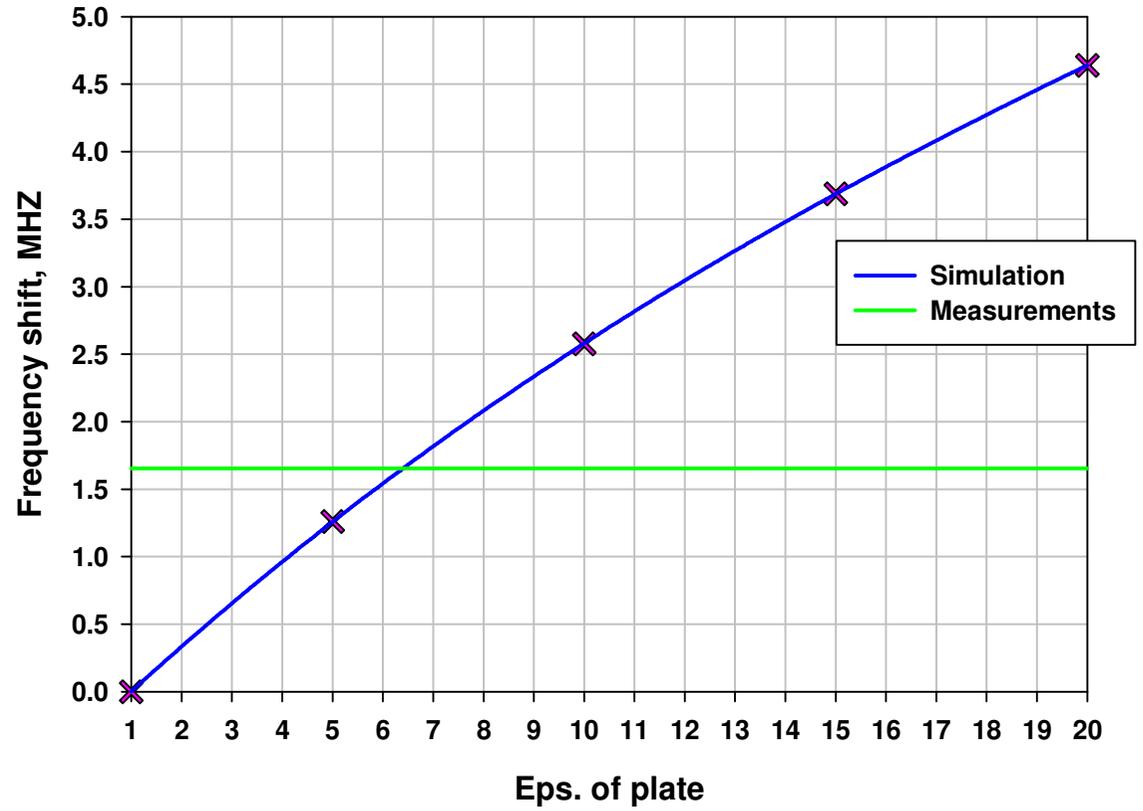
Coaxial waveguide with dielectric plate under test.



Measured frequency of resonance without plate – 224.945 MHz

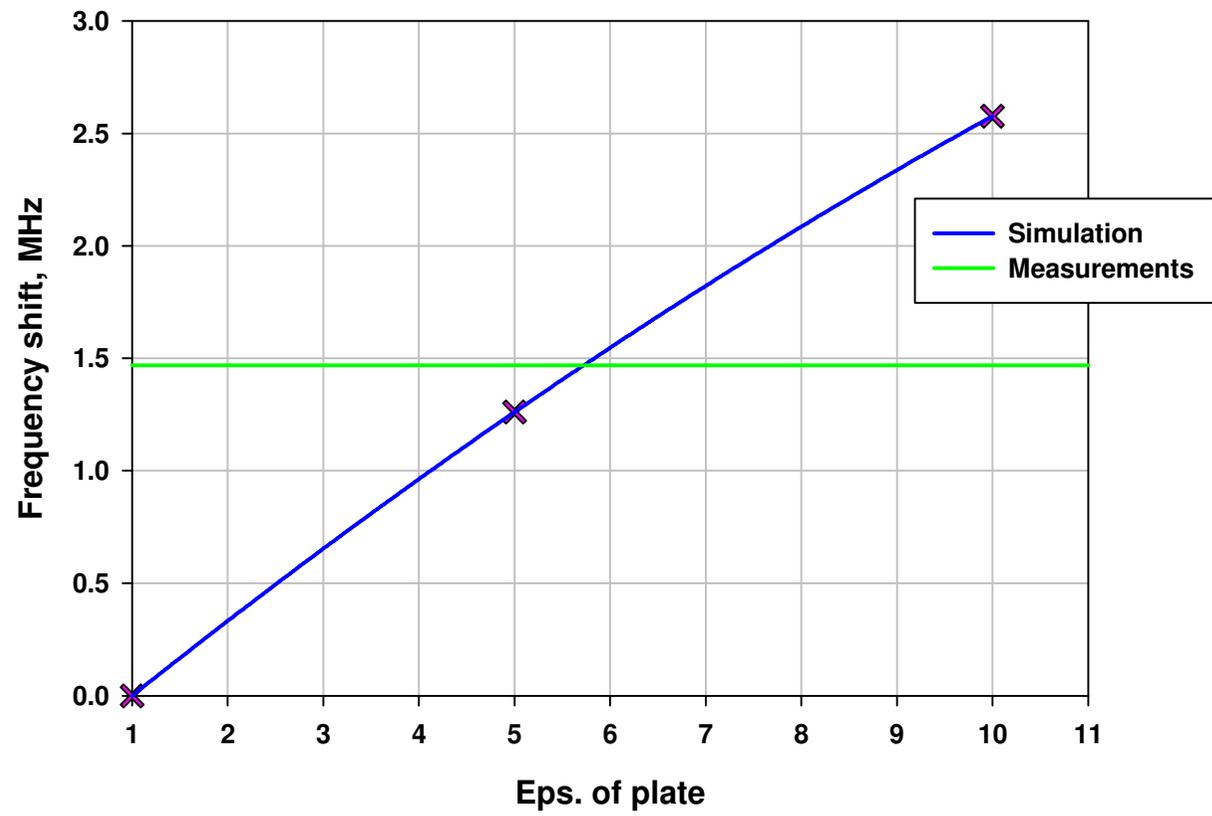
Simulated - 226.36

Plate #1 (Mykroy)



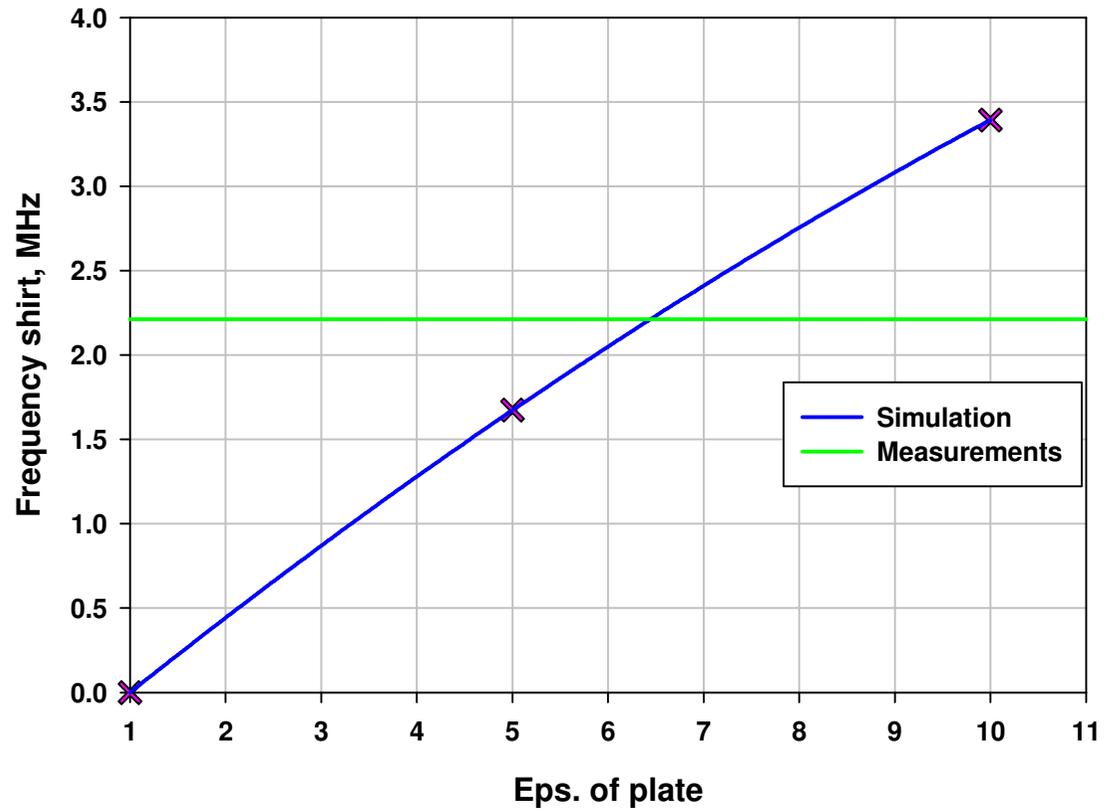
Eps. = 6.42

Plate #2 (Macor)



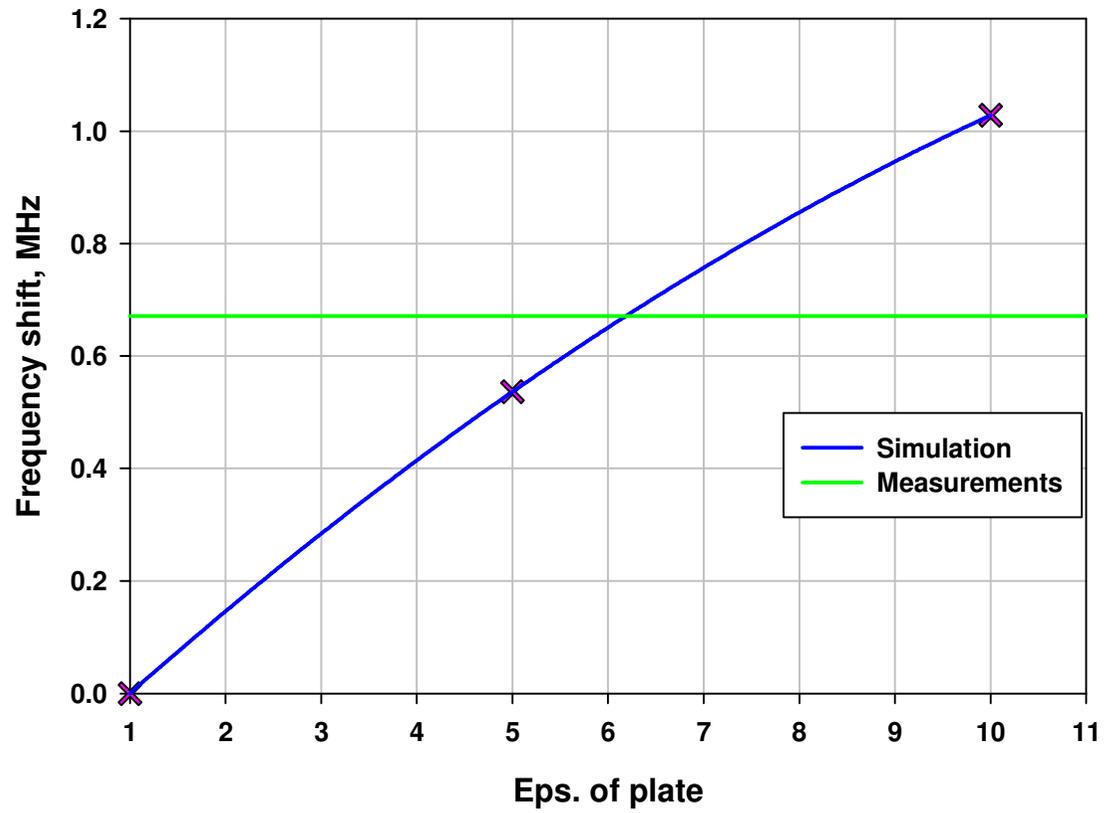
Eps. = 5.71

Plate #3 (second sample of AlN)



Eps. = 6.45

Plate #4 (first sample of AIN)



Eps. = 6.17