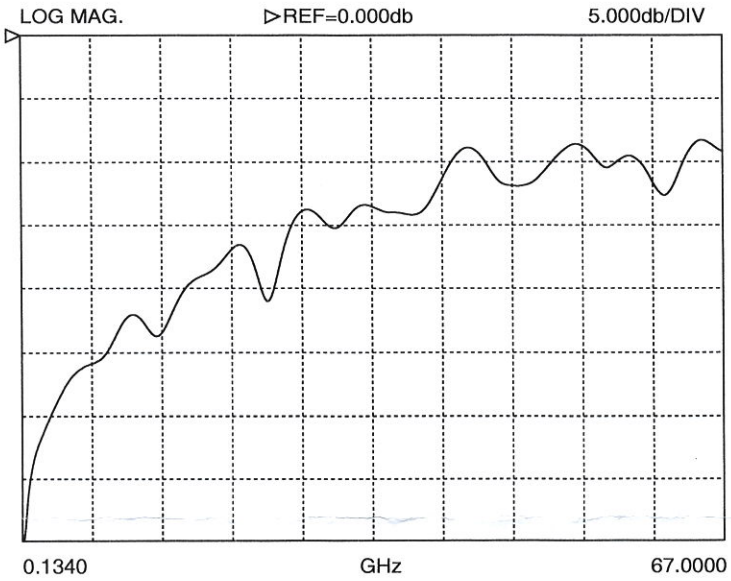
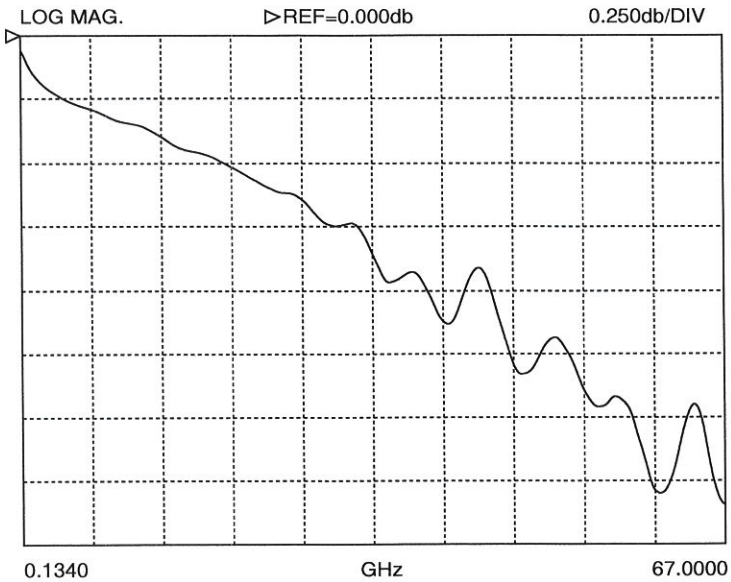
Picoprobe®

BY GGB INDUSTRIES INC.

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION



Probe Serial #: RUN37

Part # : 67A-GS-200-P

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using Cal Substrate: CS-8

OPEN (on open pad)

C_0 = 4.3 fF or

Offset Length = 65 μm or

Offset Delay = 0.217 ps

SHORT (on short bar)

L_0 = 25.8 pH or

Offset Length = 155 μm or

Offset Delay = 0.517 ps or

[Offset Z_0 = 500 ohm with Offset Delay = 0.052 ps]

LOAD (on 50 ohm load pad)

-6.7 fF or

16.7 pH or

[Offset Z_0 = 500 ohm with Offset Delay = 0.033 ps]

Bottom Graph: Insertion Loss

Maximum insertion loss for this probe is -1.85 db

GGB INDUSTRIES, INC. • P.O. BOX 10958 • NAPLES, FLORIDA 34101
Telephone (239) 643-4400 Fax. (239) 643-4403 E-mail email@ggb.com www.picoprobe.com