

Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 124838

Part #: 67A-GS-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using
Cal Substrate: CS-8

OPEN (on open pad)

$C_0 = 4.3 \text{ fF}$ or
Offset Length = $65 \mu\text{m}$ or
Offset Delay = 0.217 ps

SHORT (on short bar)

$L_0 = 9.2 \text{ pH}$ or
Offset Length = $55 \mu\text{m}$ or
Offset Delay = 0.183 ps
[Offset $Z_0 = 500 \text{ ohm}$ with
Offset Delay = 0.018 ps]

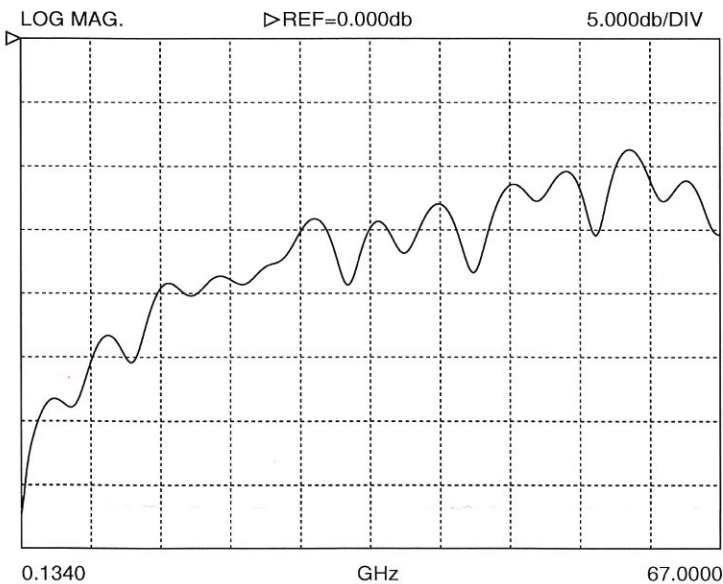
LOAD (on 50 ohm load pad)

0 fF or
 0 pH
[Offset $Z_0 = 50 \text{ ohm}$ with
Offset Delay = 0 ps]

Bottom Graph: Insertion Loss

Maximum insertion loss for
this probe is -1.87 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION

