

Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 82469

Part #: 40A-GSG-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using
Cal Substrate: CS-5

OPEN (on open pad)

$C_0 = 6.5$ fF or
Offset Length = 98 μm or
Offset Delay = 0.327 ps

SHORT (on short bar)

$L_0 = 5.0$ pH or
Offset Length = 30 μm or
Offset Delay = 0.100 ps or
[Offset $Z_0 = 500$ ohm with
Offset Delay = 0.01 ps]

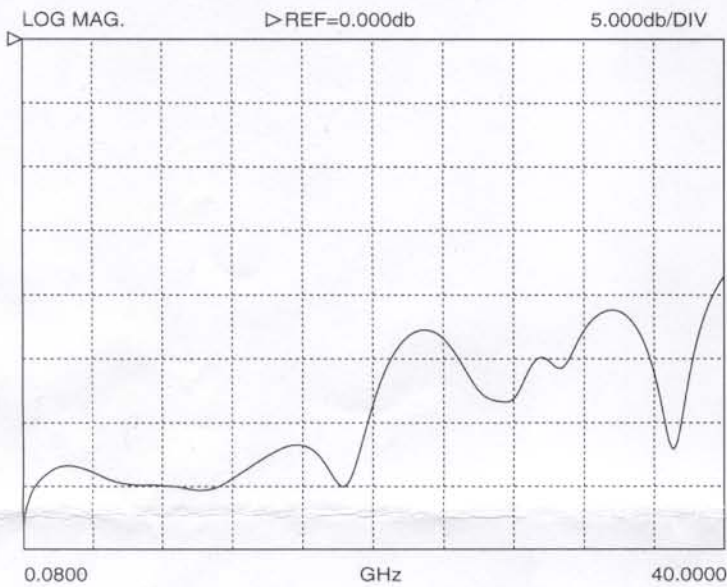
LOAD (on 50 ohm load pad)

3.1 fF or
-7.8 pH or
[Offset $Z_0 = 5$ ohm with
Offset Delay = .015 ps]

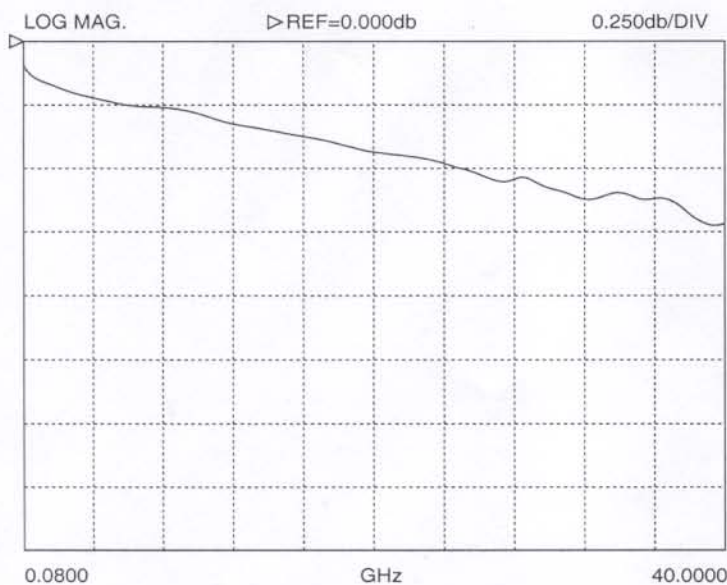
Bottom Graph: Insertion Loss

Maximum insertion loss for
this probe is -0.72 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION



Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 82473

Part #: 40A-GSG-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using Cal Substrate: CS-5

OPEN (on open pad)

$C_0 = 6.5$ fF or
Offset Length = 98 μ m or
Offset Delay = 0.327 ps

SHORT (on short bar)

$L_0 = 5.0$ pH or
Offset Length = 30 μ m or
Offset Delay = 0.100 ps or
[Offset $Z_0 = 500$ ohm with
Offset Delay = 0.01 ps]

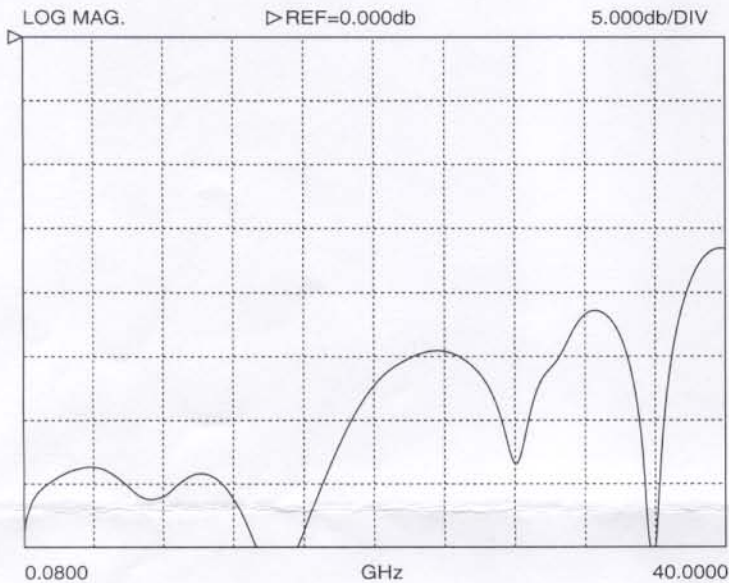
LOAD (on 50 ohm load pad)

3.1 fF or
-7.8 pH or
[Offset $Z_0 = 5$ ohm with
Offset Delay = .015 ps]

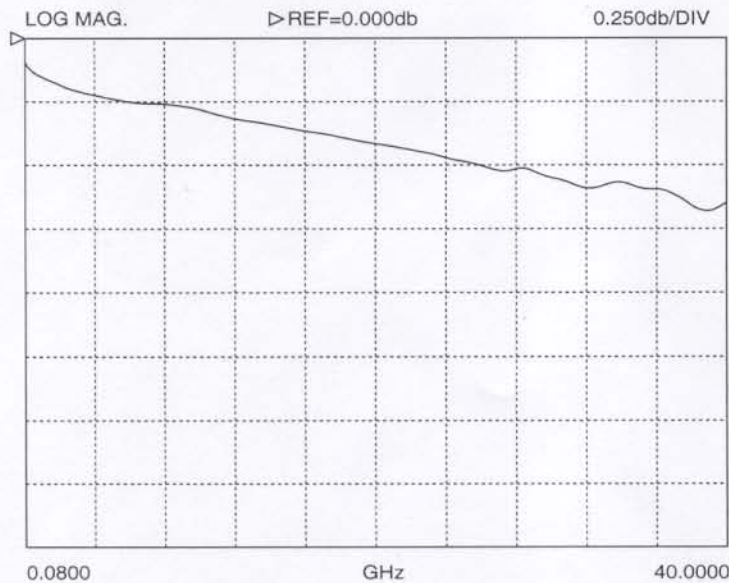
Bottom Graph: Insertion Loss

Maximum insertion loss for this probe is -0.68 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION



Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 82472

Part #: 40A-GSG-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using Cal Substrate: CS-5

OPEN (on open pad)

$C_0 = 6.5$ fF or
Offset Length = 98 μ m or
Offset Delay = 0.327 ps

SHORT (on short bar)

$L_0 = 5.0$ pH or
Offset Length = 30 μ m or
Offset Delay = 0.100 ps or
[Offset $Z_0 = 500$ ohm with
Offset Delay = 0.01 ps]

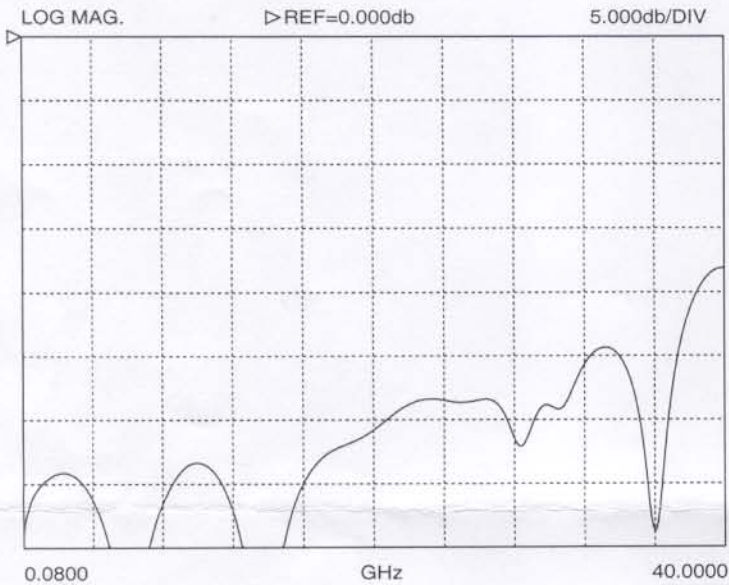
LOAD (on 50 ohm load pad)

3.1 fF or
-7.8 pH or
[Offset $Z_0 = 5$ ohm with
Offset Delay = .015 ps]

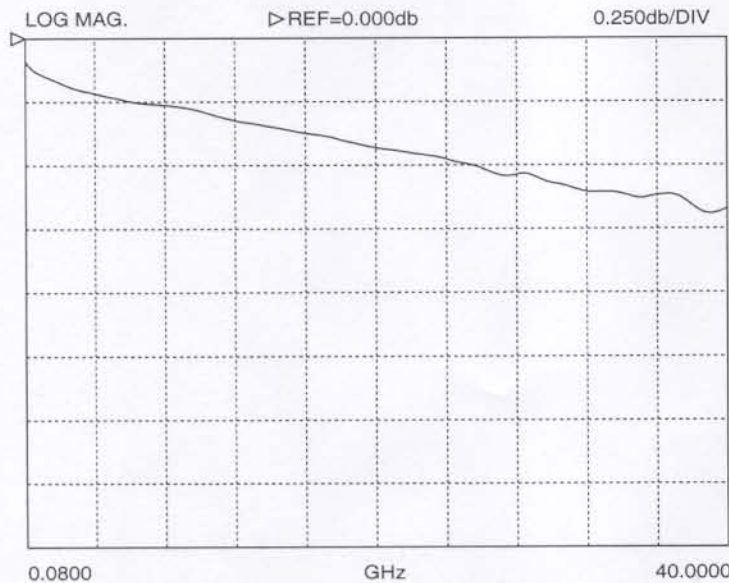
Bottom Graph: Insertion Loss

Maximum insertion loss for this probe is -0.69 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION



Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 82471

Part #: 40A-GSG-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using Cal Substrate: CS-5

OPEN (on open pad)

$C_0 = 6.5$ fF or
Offset Length = 98 μ m or
Offset Delay = 0.327 ps

SHORT (on short bar)

$L_0 = 5.0$ pH or
Offset Length = 30 μ m or
Offset Delay = 0.100 ps or
[Offset $Z_0 = 500$ ohm with
Offset Delay = 0.01 ps]

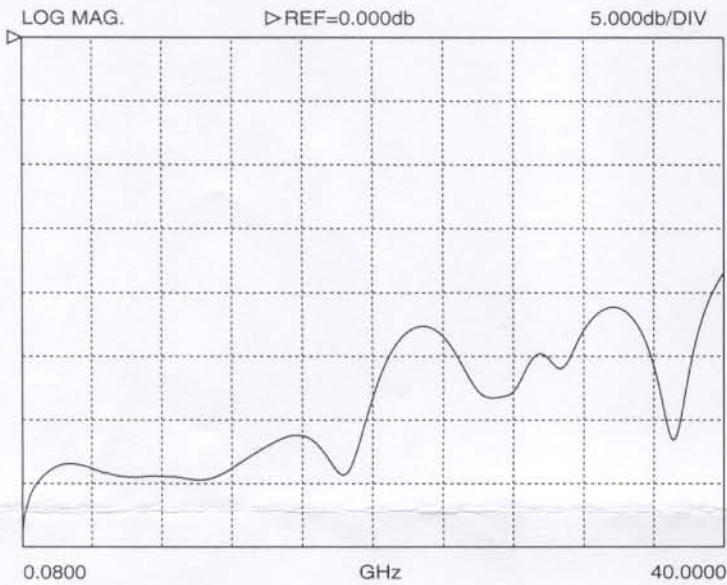
LOAD (on 50 ohm load pad)

3.1 fF or
-7.8 pH or
[Offset $Z_0 = 5$ ohm with
Offset Delay = .015 ps]

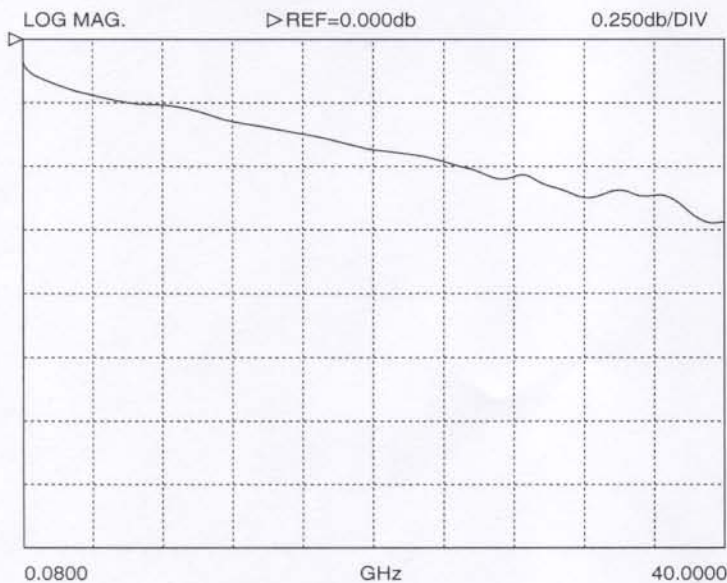
Bottom Graph: Insertion Loss

Maximum insertion loss for this probe is -0.72 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION



Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 82470

Part #: 40A-GSG-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using Cal Substrate: CS-5

OPEN (on open pad)

$C_0 = 6.5$ fF or
Offset Length = 98 μ m or
Offset Delay = 0.327 ps

SHORT (on short bar)

$L_0 = 5.0$ pH or
Offset Length = 30 μ m or
Offset Delay = 0.100 ps or
[Offset $Z_0 = 500$ ohm with
Offset Delay = 0.01 ps]

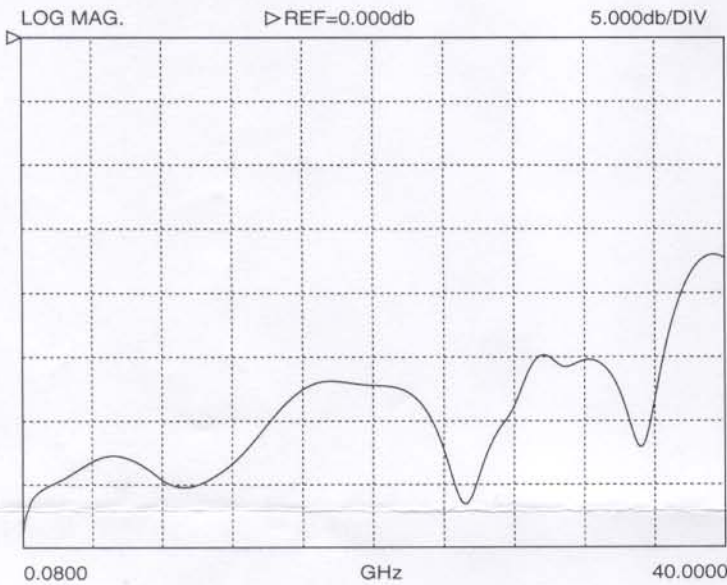
LOAD (on 50 ohm load pad)

3.1 fF or
-7.8 pH or
[Offset $Z_0 = 5$ ohm with
Offset Delay = .015 ps]

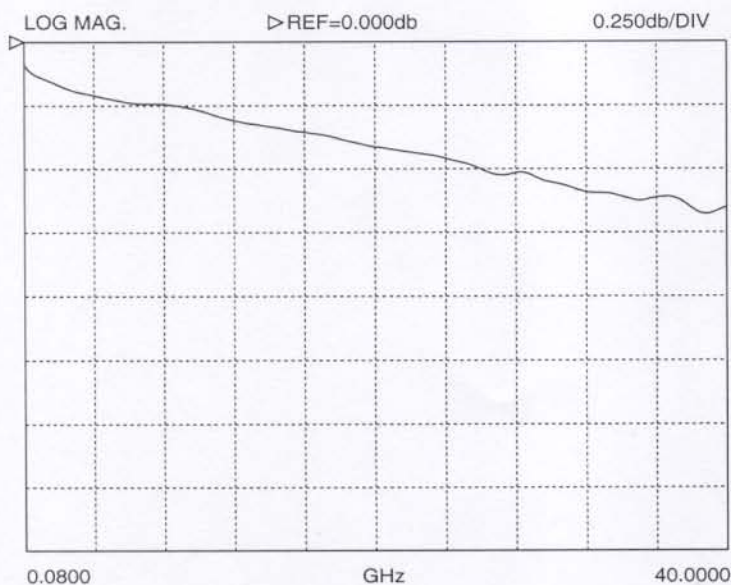
Bottom Graph: Insertion Loss

Maximum insertion loss for this probe is -0.68 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION



Picoprobe®

BY GGB INDUSTRIES INC.

Probe Serial #: 82468

Part #: 40A-GSG-100-D-200-N

Uncalibrated Performance

Top Graph: Return Loss into a 50 ohm load

Calibration Coefficients Using
Cal Substrate: CS-5

OPEN (on open pad)

$C_0 = 6.5$ fF or
Offset Length = 98 μ m or
Offset Delay = 0.327 ps

SHORT (on short bar)

$L_0 = 5.0$ pH or
Offset Length = 30 μ m or
Offset Delay = 0.100 ps or
[Offset $Z_0 = 500$ ohm with
Offset Delay = 0.01 ps]

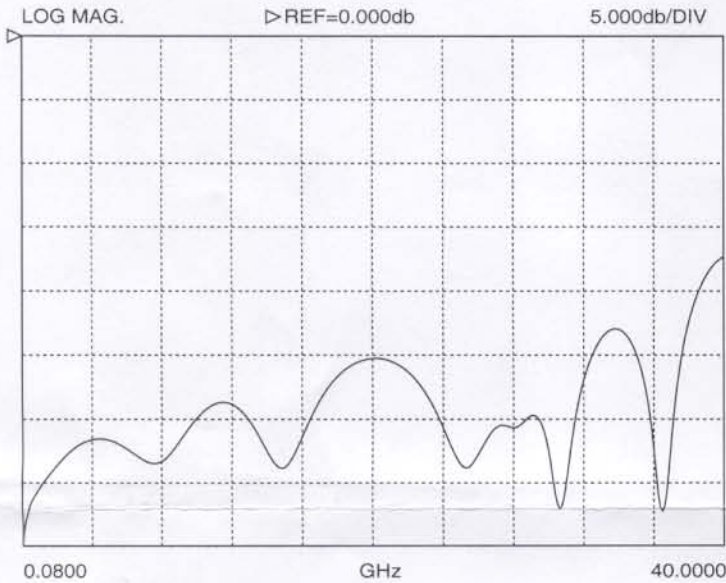
LOAD (on 50 ohm load pad)

3.1 fF or
-7.8 pH or
[Offset $Z_0 = 5$ ohm with
Offset Delay = .015 ps]

Bottom Graph: Insertion Loss

Maximum insertion loss for
this probe is -0.69 db

S11 FORWARD REFLECTION



S21 FORWARD TRANSMISSION

