

E-Field Probe (3D)



Sensitivity

Conversion

Offset

General

Mechanical

Surface Detection

Probe Length [mm]:

337

Probe Diameter [mm]:

10

Tip Length [mm]:

10

Tip Diameter [mm]:

7

Sensor X Offset [mm]:

2.7

Sensor Y Offset [mm]:

2.7

Sensor Z Offset [mm]:

2.7

☐ Align sensor X to grid

OK

Cancel

Apply

Help

E-Field Probe (3D)

X

General

Mechanical

Surface Detection

Sensitivity

Conversion

Offset

Sensitivity
[$\mu\text{V}/(\text{V}/\text{m})^2$]:

Frequency Corr:

X:

Y:

Z:

Diode Compression
Point [mV]:

Source Impedance
[MOhm]:

X:

Y:

Z:

OK

Cancel

Apply

Help

E-Field Probe (3D)

X

Sensitivity	Conversion	Offset
General	Mechanical	Surface Detection

☒ Optical

Tip Surface Distance [mm]:

1.5

Surface Detector Sens. [%]:

100

☒ Mechanical

Tip Surface Distance [mm]:

1.5

OK

Cancel

Apply

Help

E-Field Probe



Conversion Factor

Name:

2450 MHz (body)

Conversion Factor

X:

4.4

Y:

4.4

Z:

4.4

Boundary effects

Alpha:

1

Depth:

1.65

Valid for solution range:

σ

[mho/m]:

1.85

.

2.05

ϵ_r

50.1

.

55.3

Freq. [MHz]:

2400

.

2500

OK

Cancel

Apply

Help