

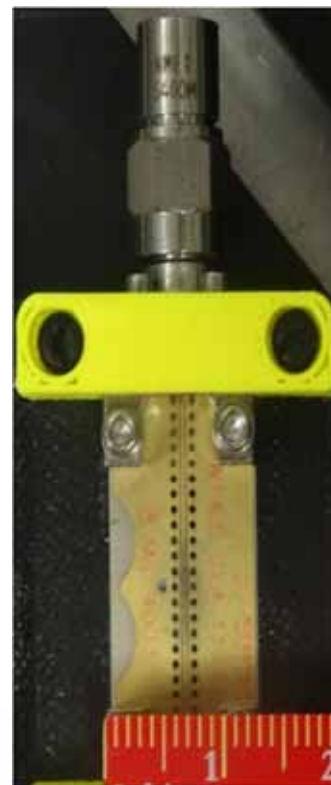
EM-ISight
Step Resolution
Analysis
RMS and Theta Max

Sensitivity in Frequency

Co-Planner Set-Up & Resolution



- Scan area 10 x 10mm
- Step resolution Y
- 0.5mm or 0.05mm
- Frequency @ 10GHz
- Forward Power 0dBm

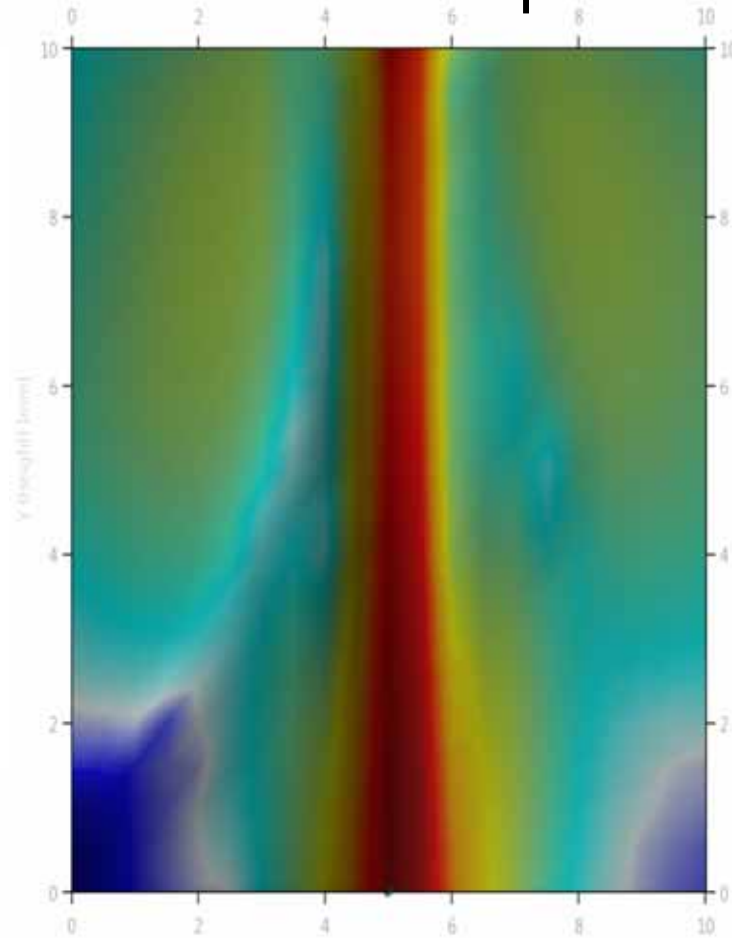


- Scan area 10 x 10mm
- Step resolution X
- 0.5mm or 0.05mm
- Frequency @ 10GHz
- Forward Power 0dBm

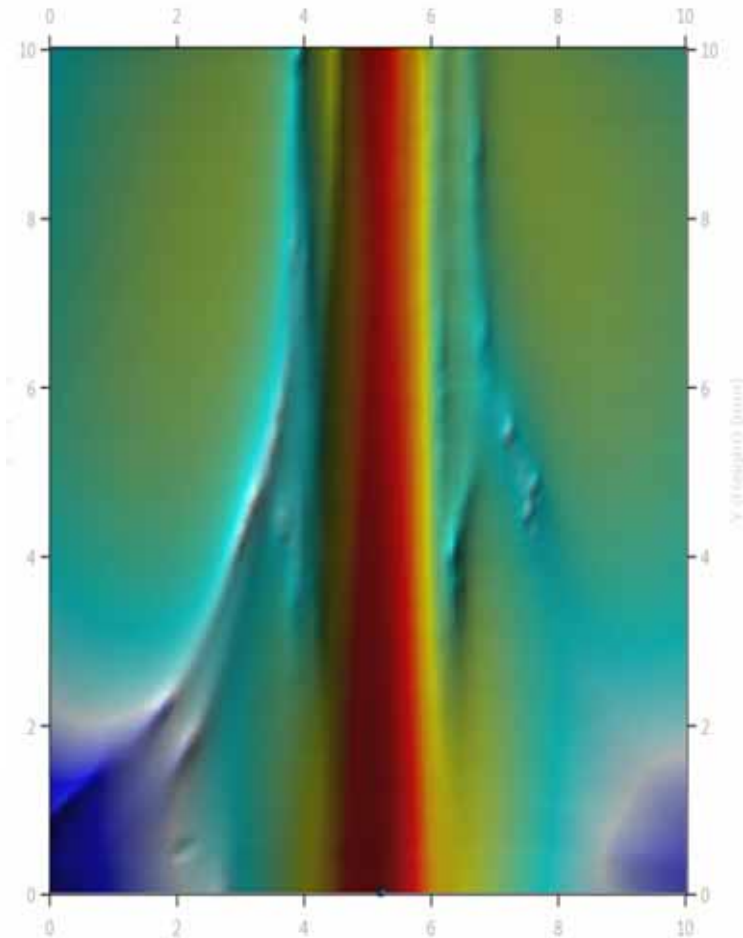
Measurements executed for 0.5mm and 0.05mm resolution

Sensitivity in Frequency

Co-Planner 10GHz H-Field 0.5mm vs 0.05mm Step Resolution



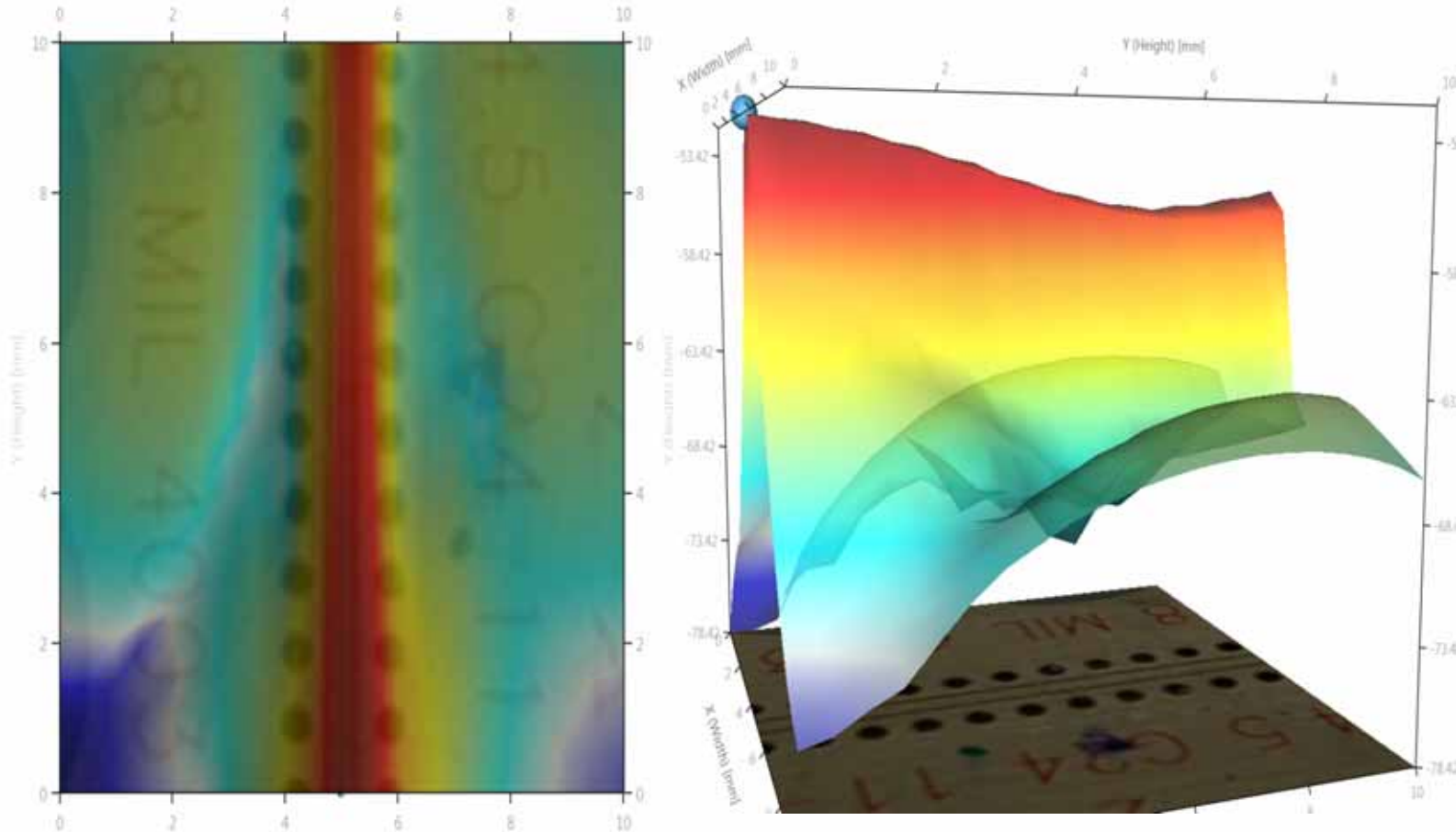
RMS Resolution 0.5 mm



RMS Resolution 0.05 mm

Sensitivity in Frequency

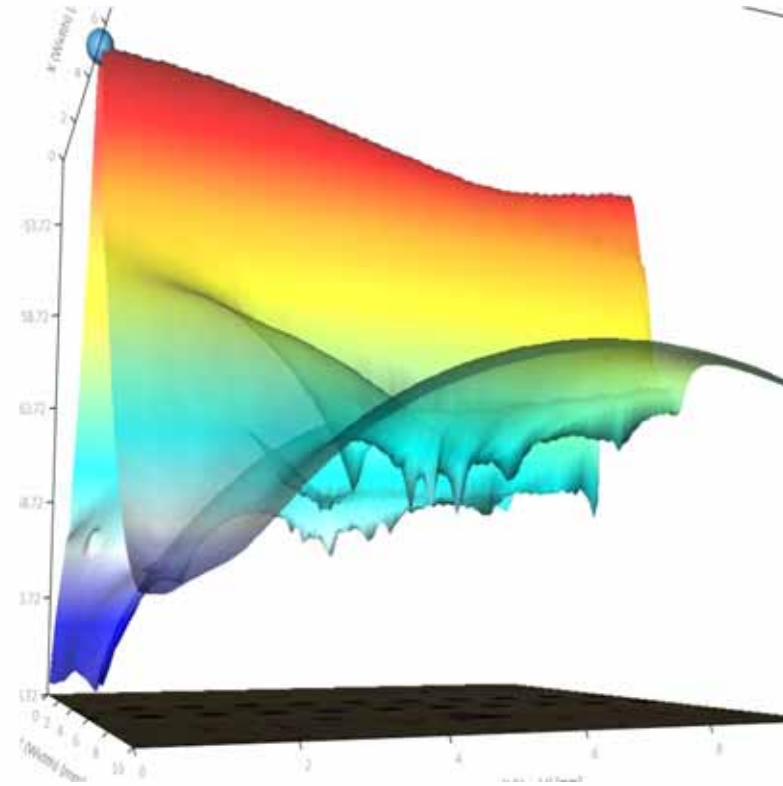
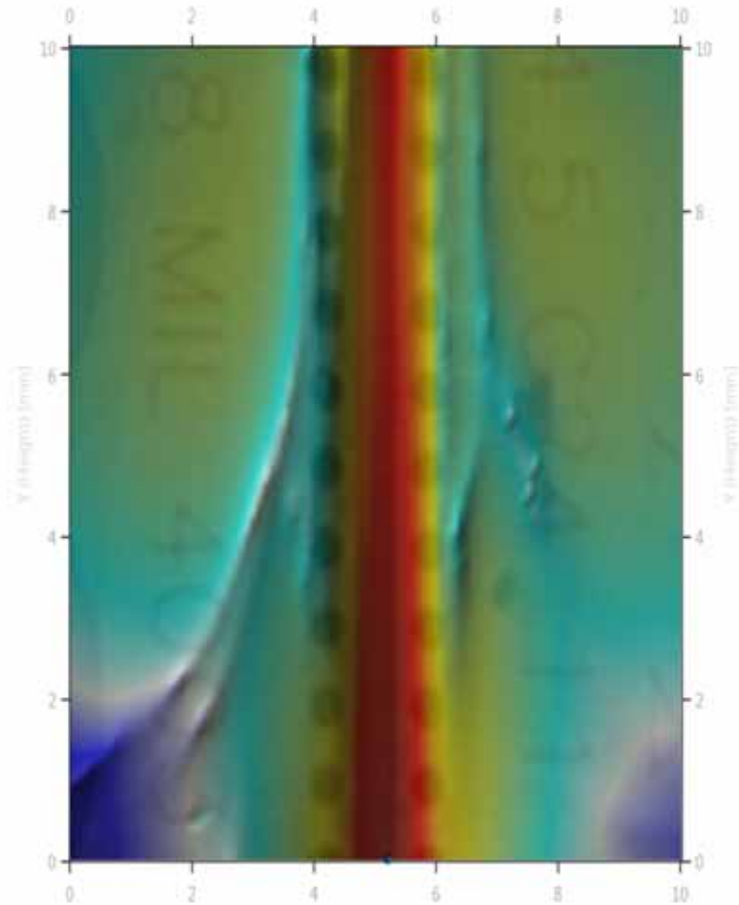
Co-Planner 10GHz H-Field 0.5mm Step Resolution RMS



RMS Resolution 0.5 mm

Sensitivity in Frequency

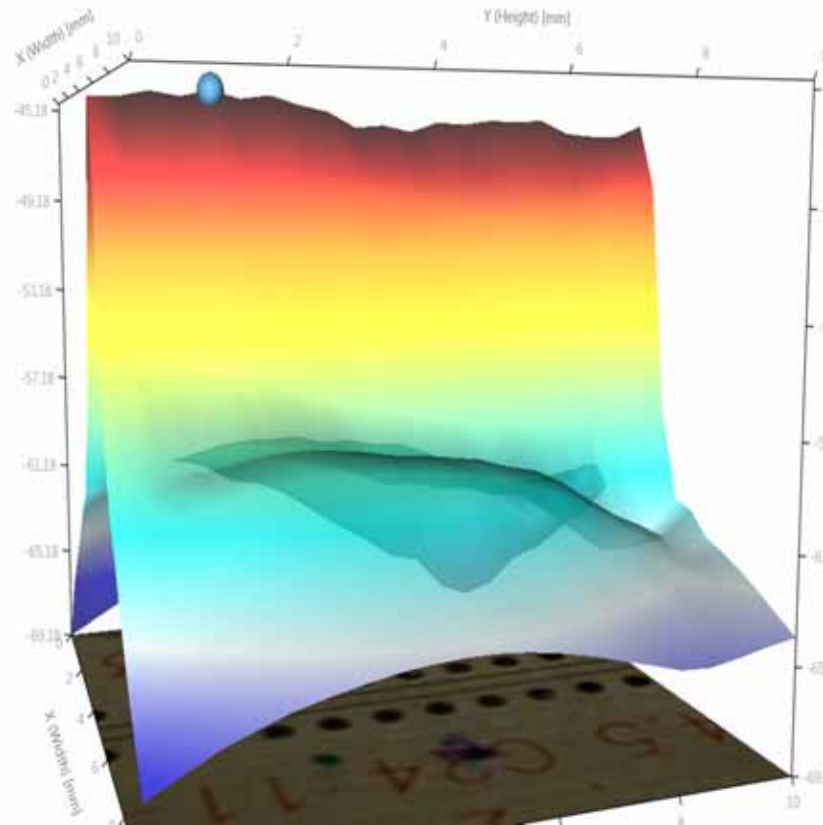
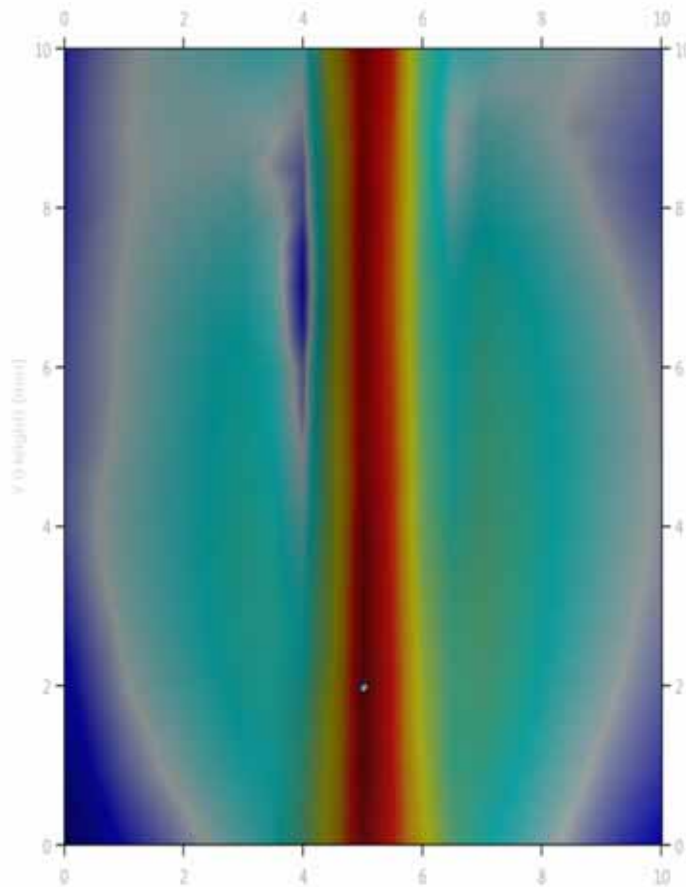
Co-Planner 10GHz H-Field 0.05mm Step Resolution RMS



RMS Resolution 0.05 mm

Sensitivity in Frequency

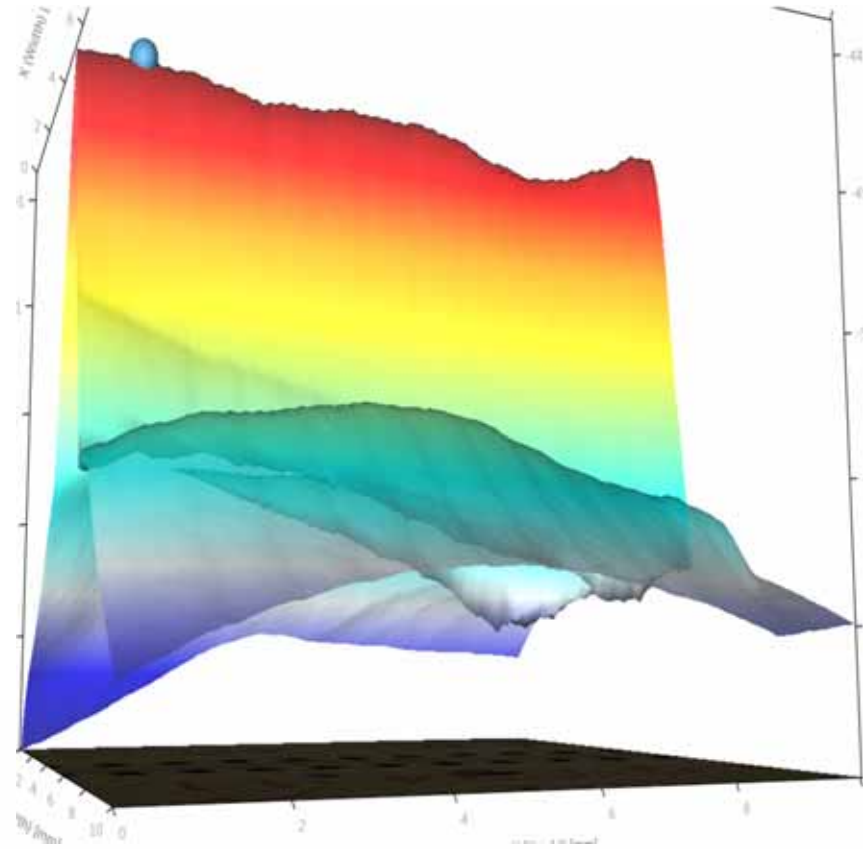
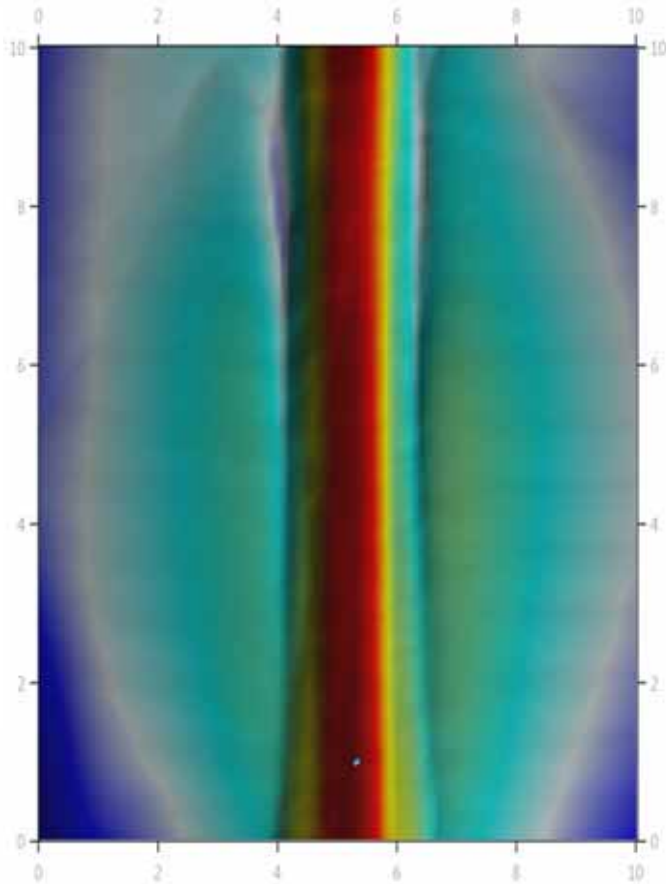
Co-Planner 10GHz H-Field Theta Max
0.5mm Step Resolution



Theta-Max Resolution 0.5 mm

Sensitivity in Frequency

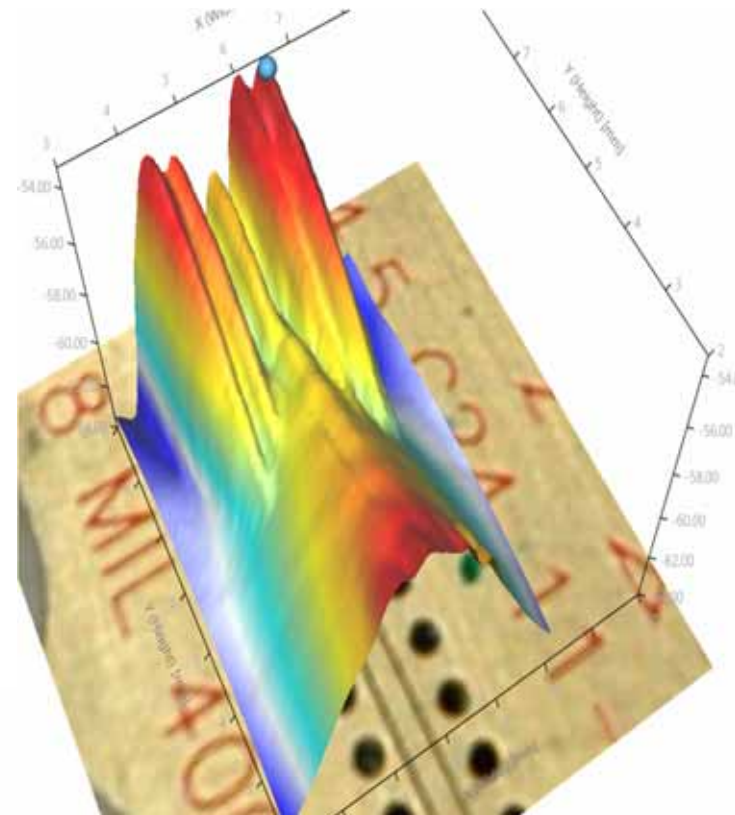
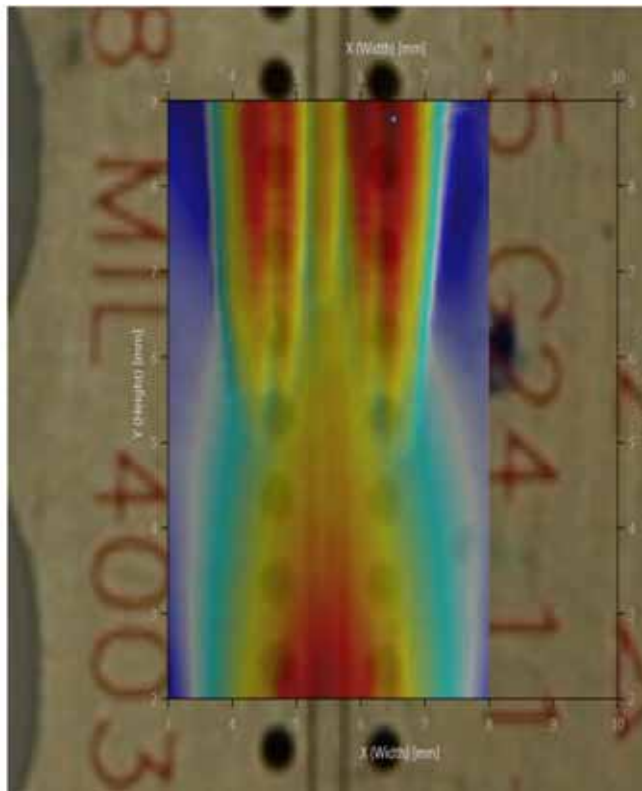
Co-Planner 10GHz H-Field Theta Max
0.05mm Step Resolution



Theta Max Resolution 0.05 mm

Sensitivity in Frequency

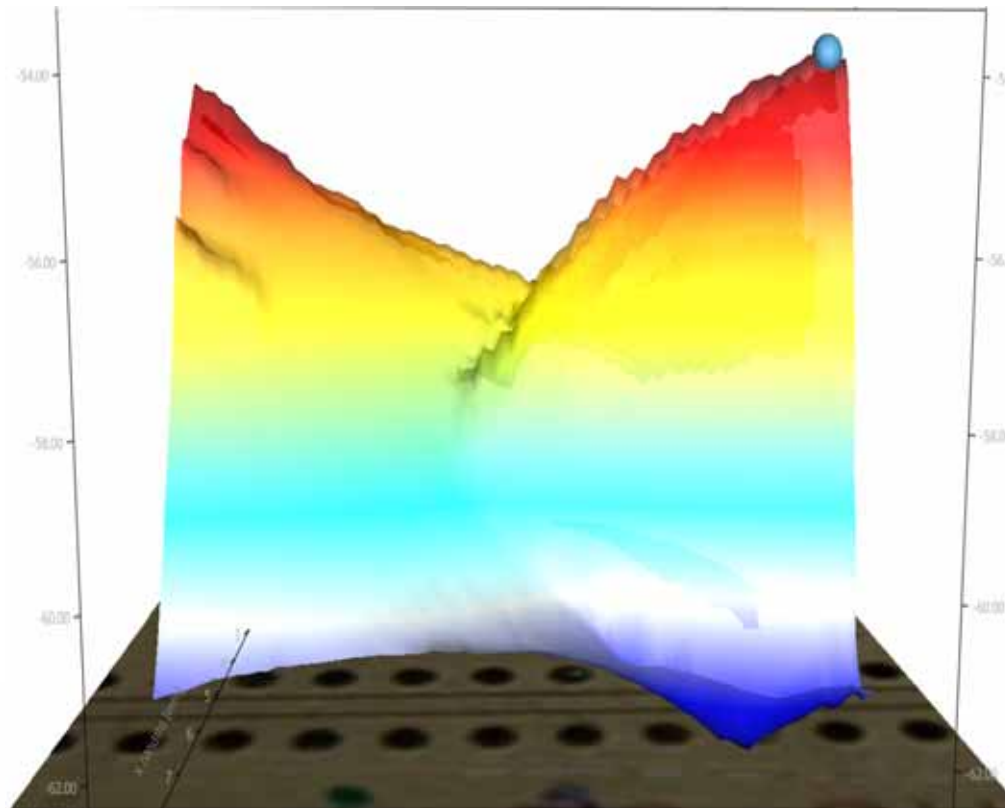
Co-Planner E-Field 10GHz RMS 0.05mm
Step Resolution



RMS 0.05mm Resolution

Sensitivity in Frequency

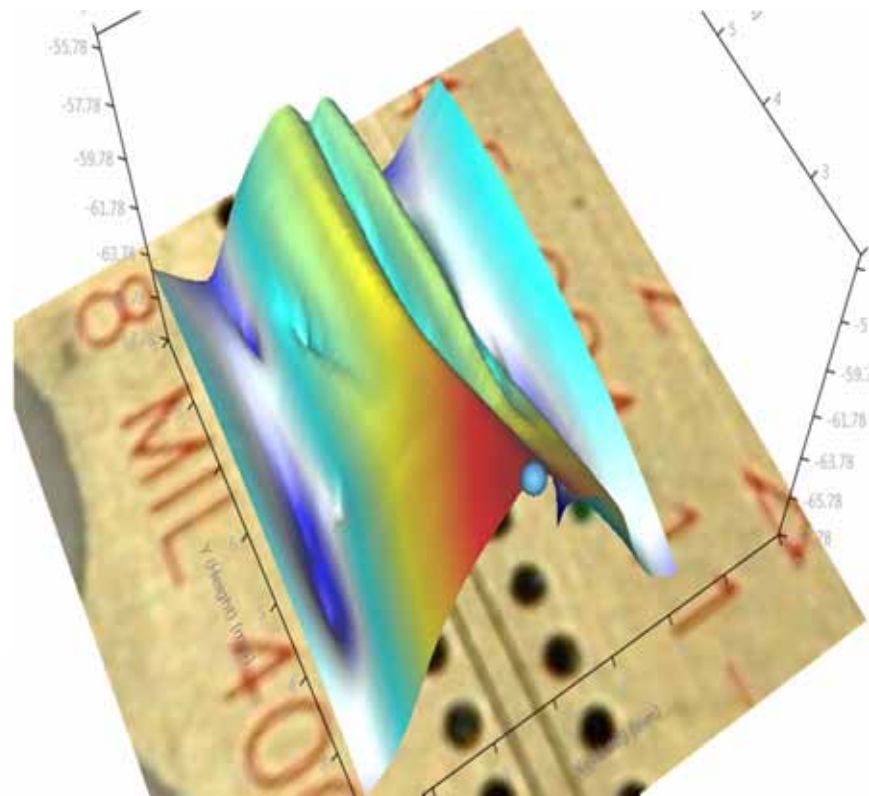
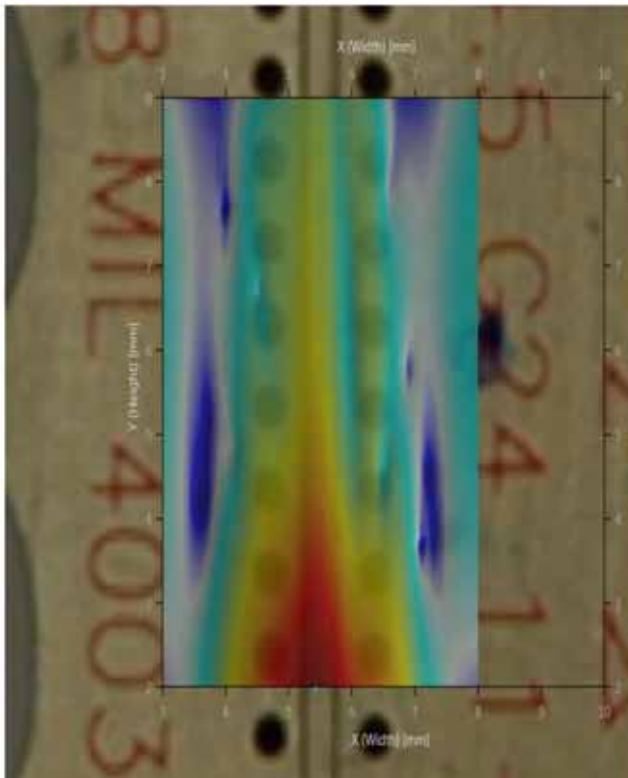
Co-Planner E-Field 10GHz Theta Max
0.05mm Step Resolution



Theta Max 0.05mm Resolution

Sensitivity in Frequency

Co-Planner E-Field 10GHz RMS 0.05mm
Step Resolution



RMS 0.05mm Resolution