



Data Examples and Antenna Comparisons

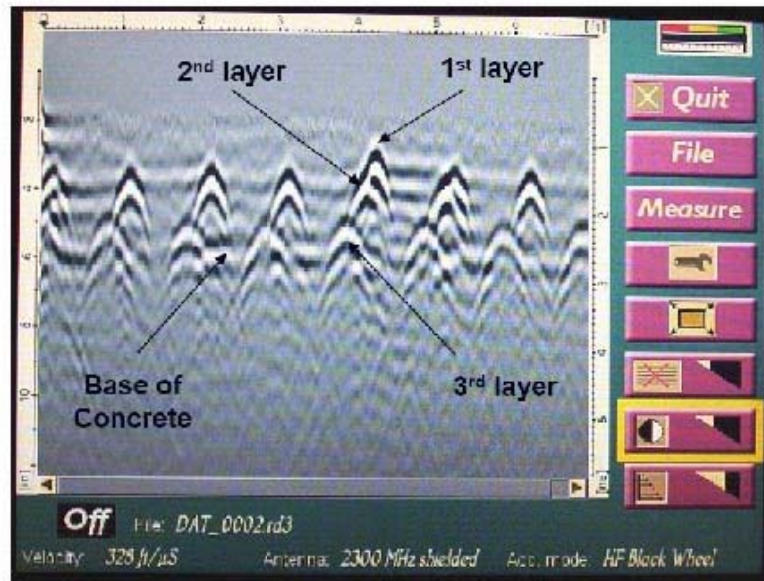
CX-11 Concrete Imaging System





Two-Dimensional Example

1st and 2nd
layer of
overlapping
mesh and 3rd
layer of rebar





Three-Dimensional Example

1st and 2nd Layer
of Overlapping
Mesh

(Migrated Data)





Three-Dimensional Example

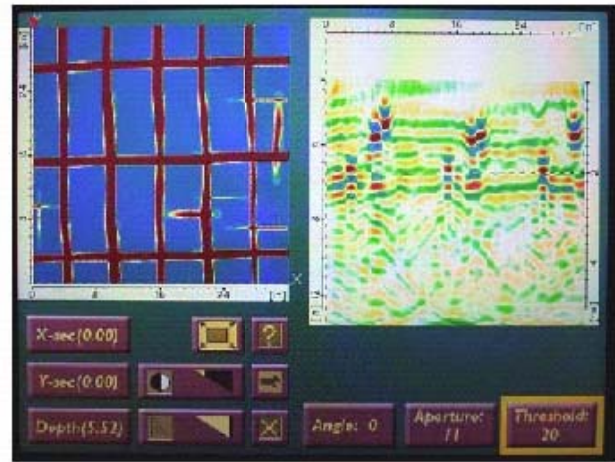
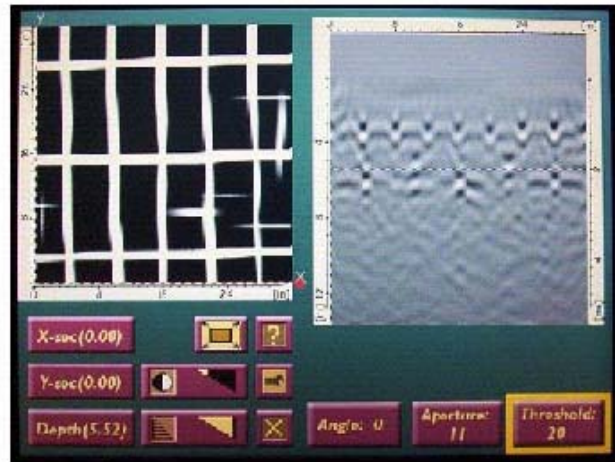
3rd Layer of
Rebar

(Migrated Data)





Three-Dimensional Example

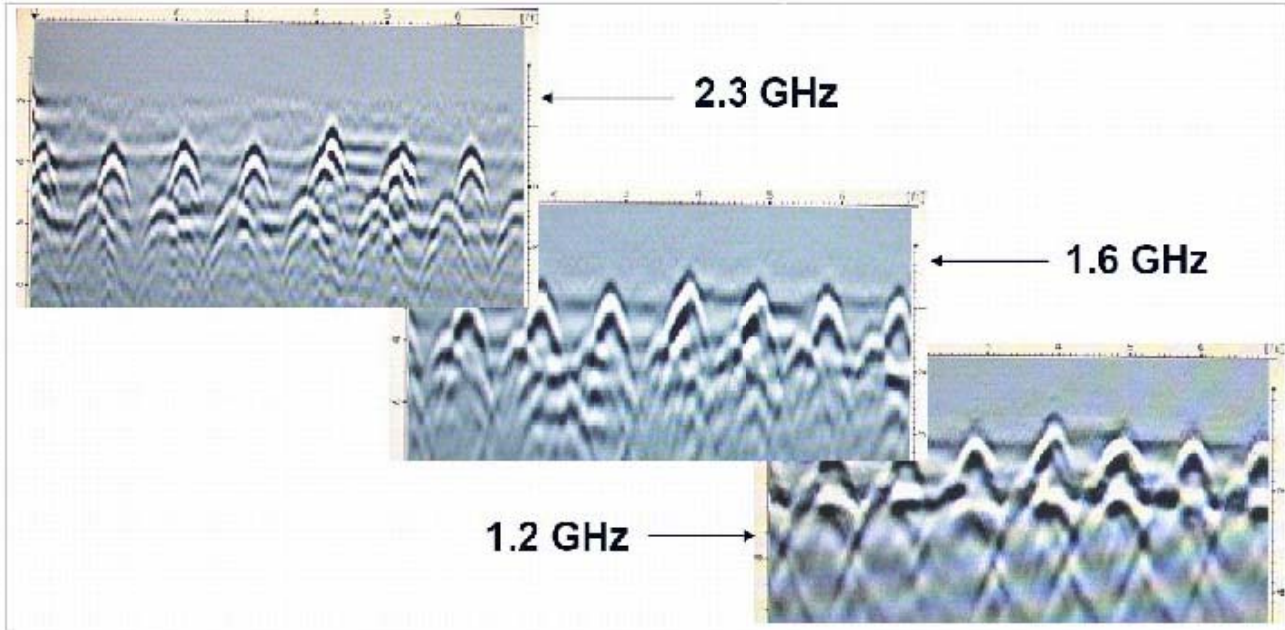


Threshold Examples (3rd layer)
(Migrated Data)



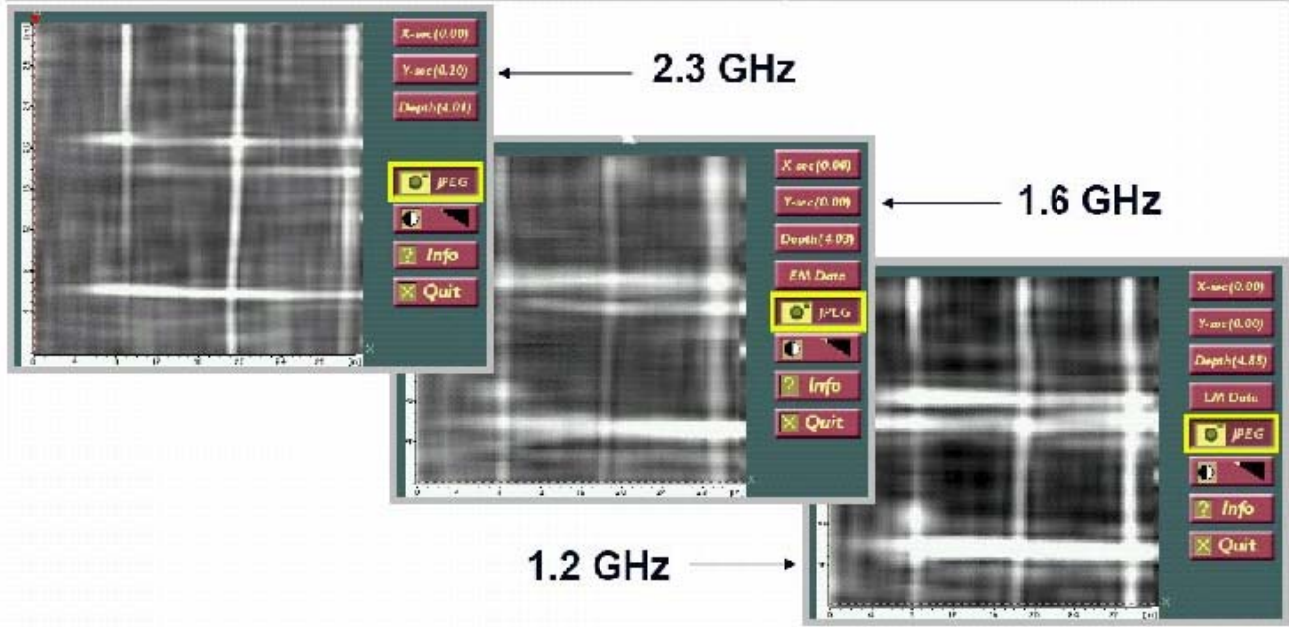
High Frequency Antenna Comparison

Two-Dimensional Comparison





Three-Dimensional Comparison



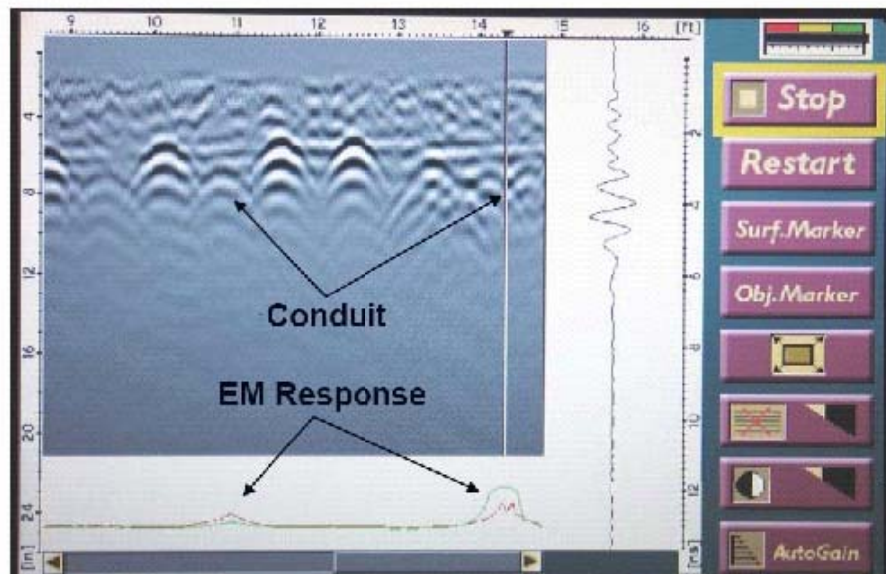


2.3 GHz Antenna Examples



EM Data Examples (2D)

EM data is collected and presented simultaneously as the GPR data and is located at the bottom of the screen.

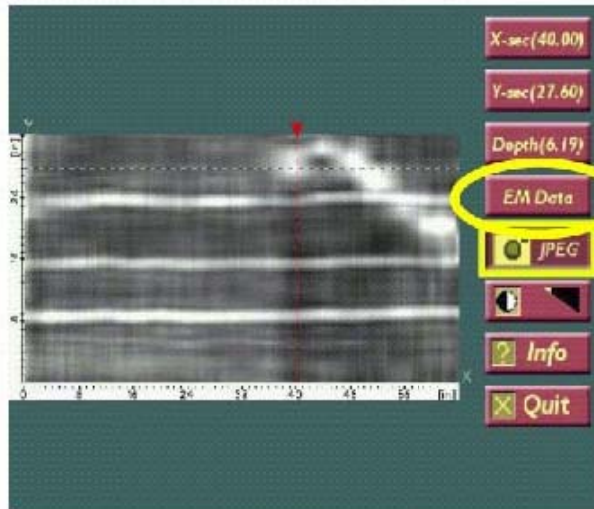


Note: The GPR and EM datasets are completely independent of each other.

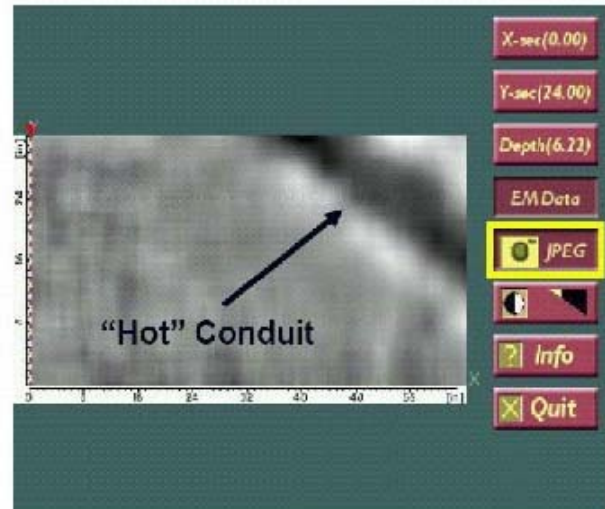


EM Data Examples (3D)

Radar Data



EM data

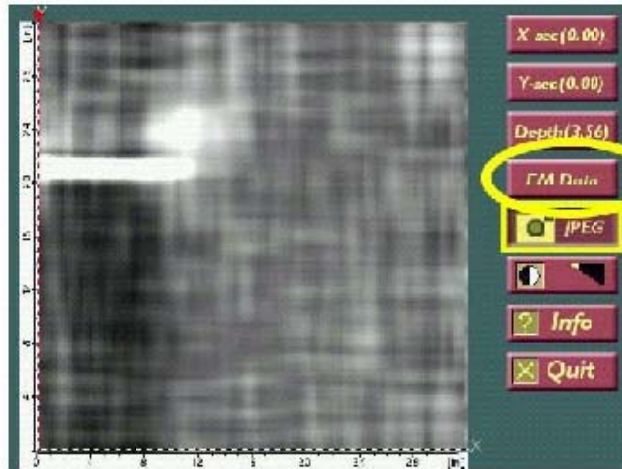


Note: The GPR and EM datasets are completely independent of each other.

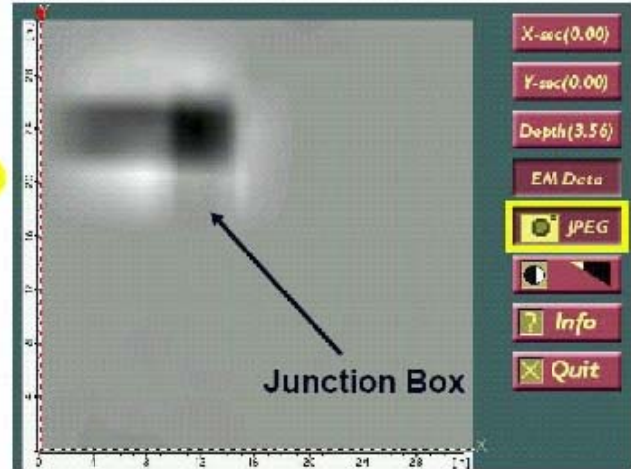


EM Data Examples (3D)

Radar Data



EM data

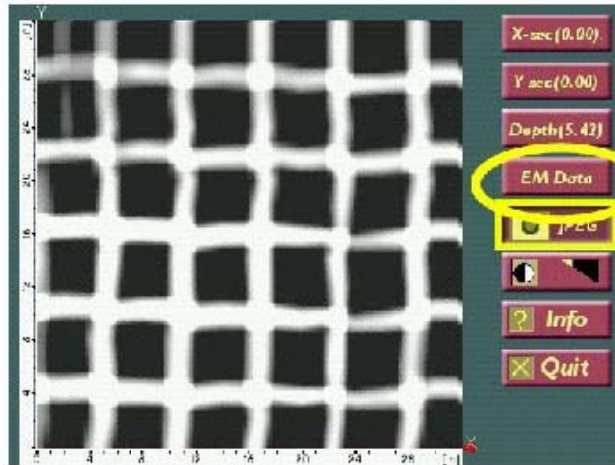


Note: The GPR and EM datasets are completely independent of each other.

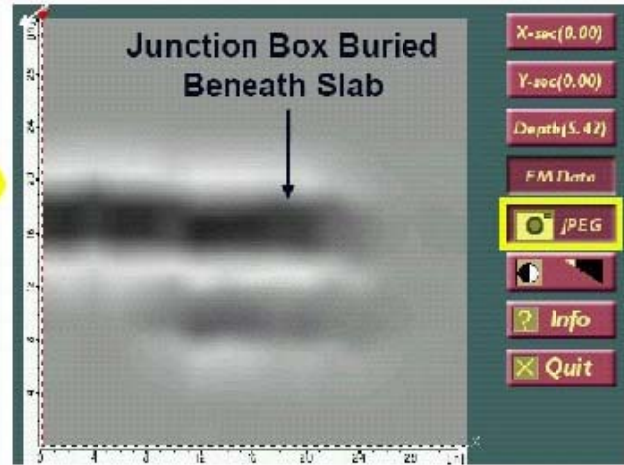


EM Data Examples (3D)

Radar Data



EM data



Note: The GPR and EM datasets are completely independent of each other.



Choosing an Antenna

- Depth vs. Resolution -

<u>Antenna</u>	<u>Average Maximum Depth of Penetration</u>
2.3 GHZ	10 to 12 inches
1.6 GHZ	16 to 18 inches
1.2 GHZ	22 to 24 inches