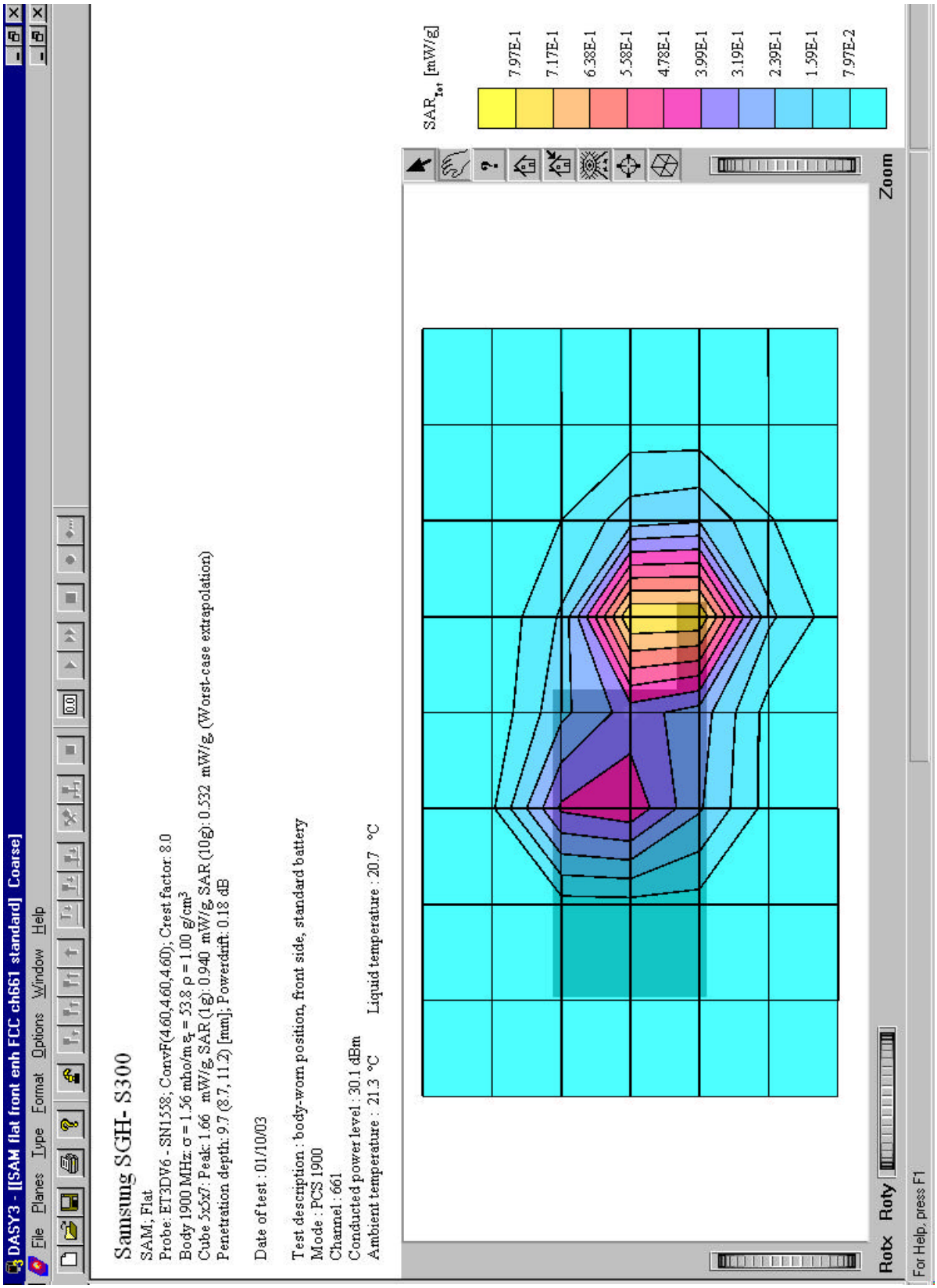
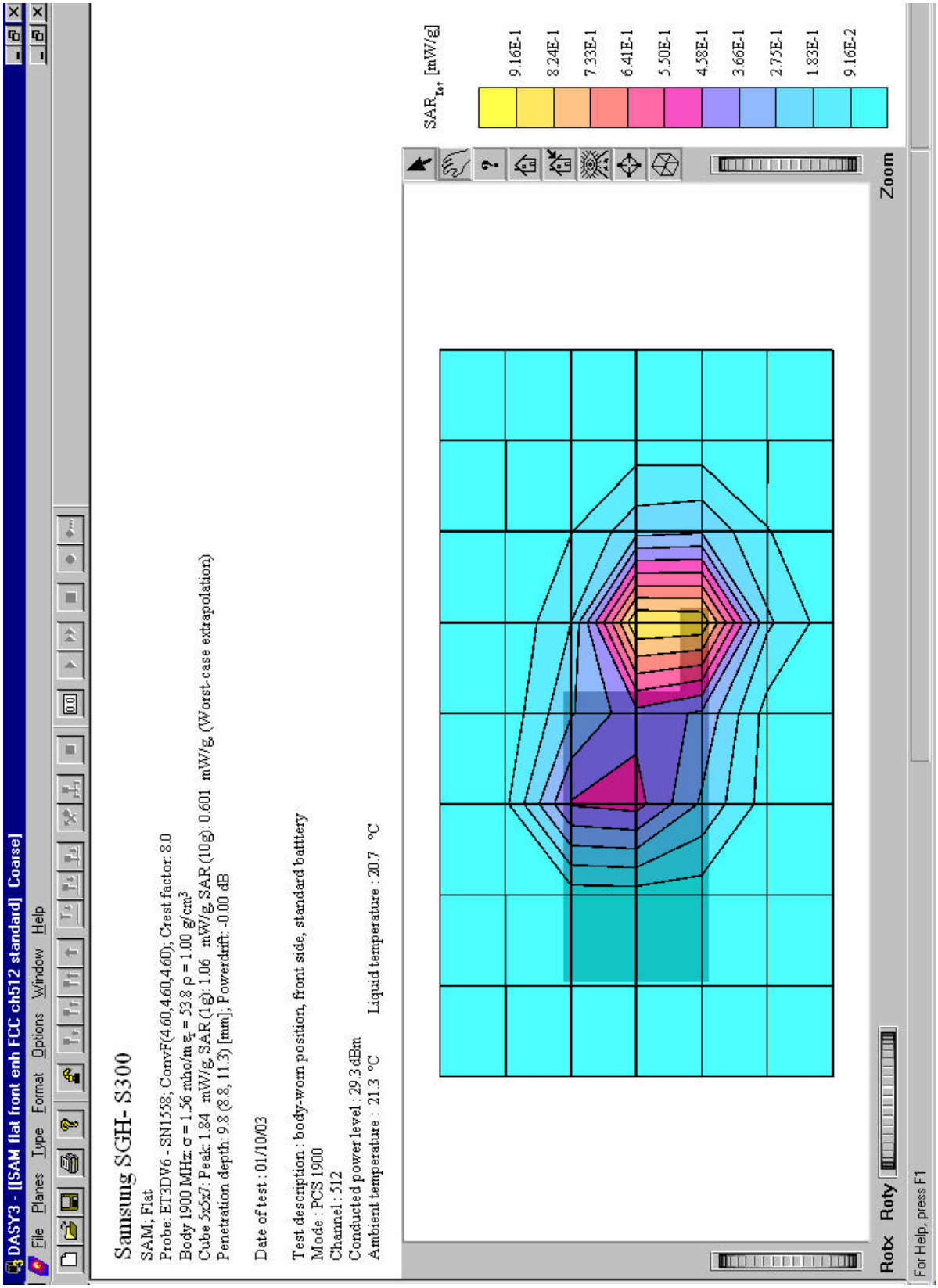
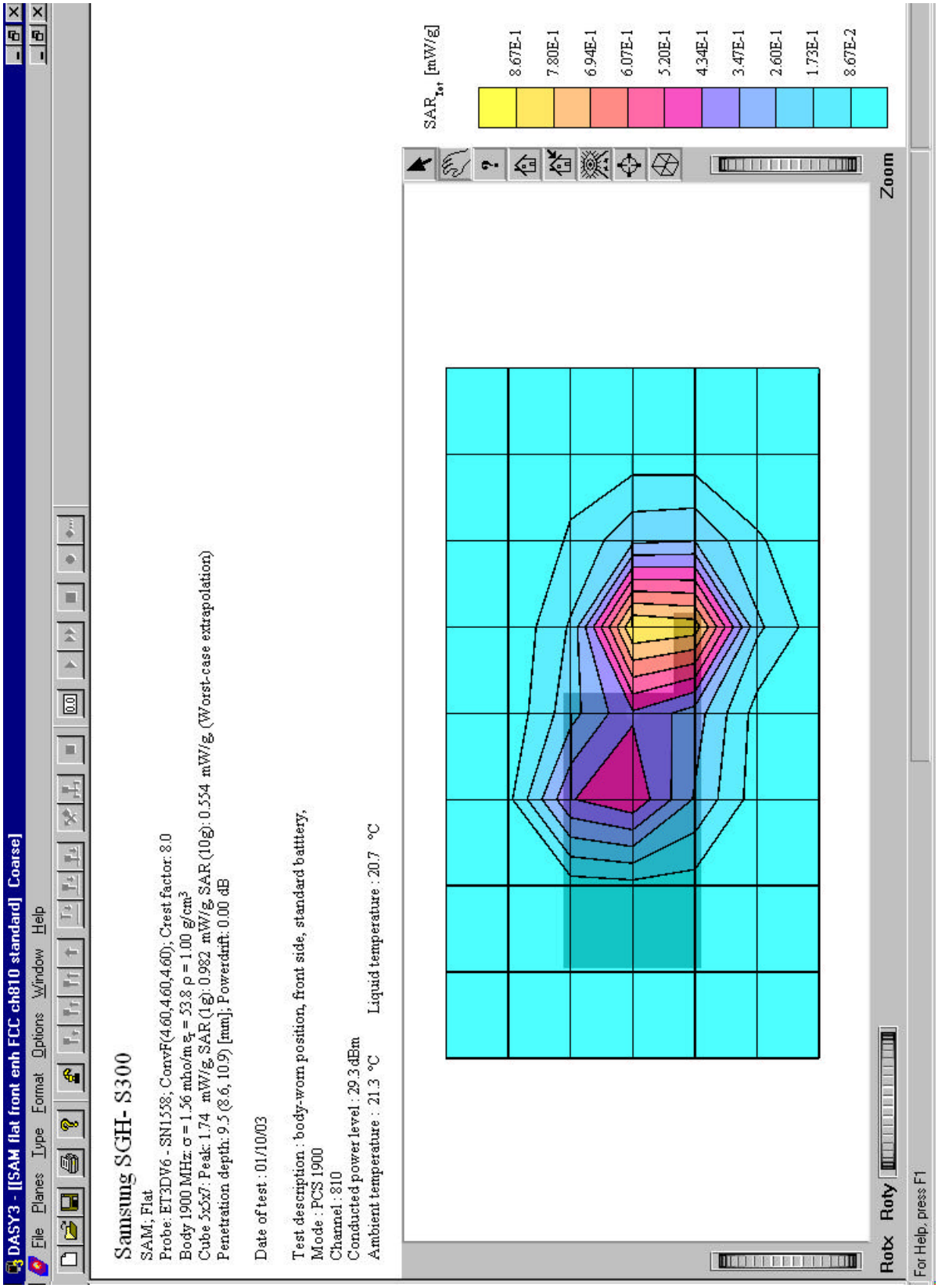
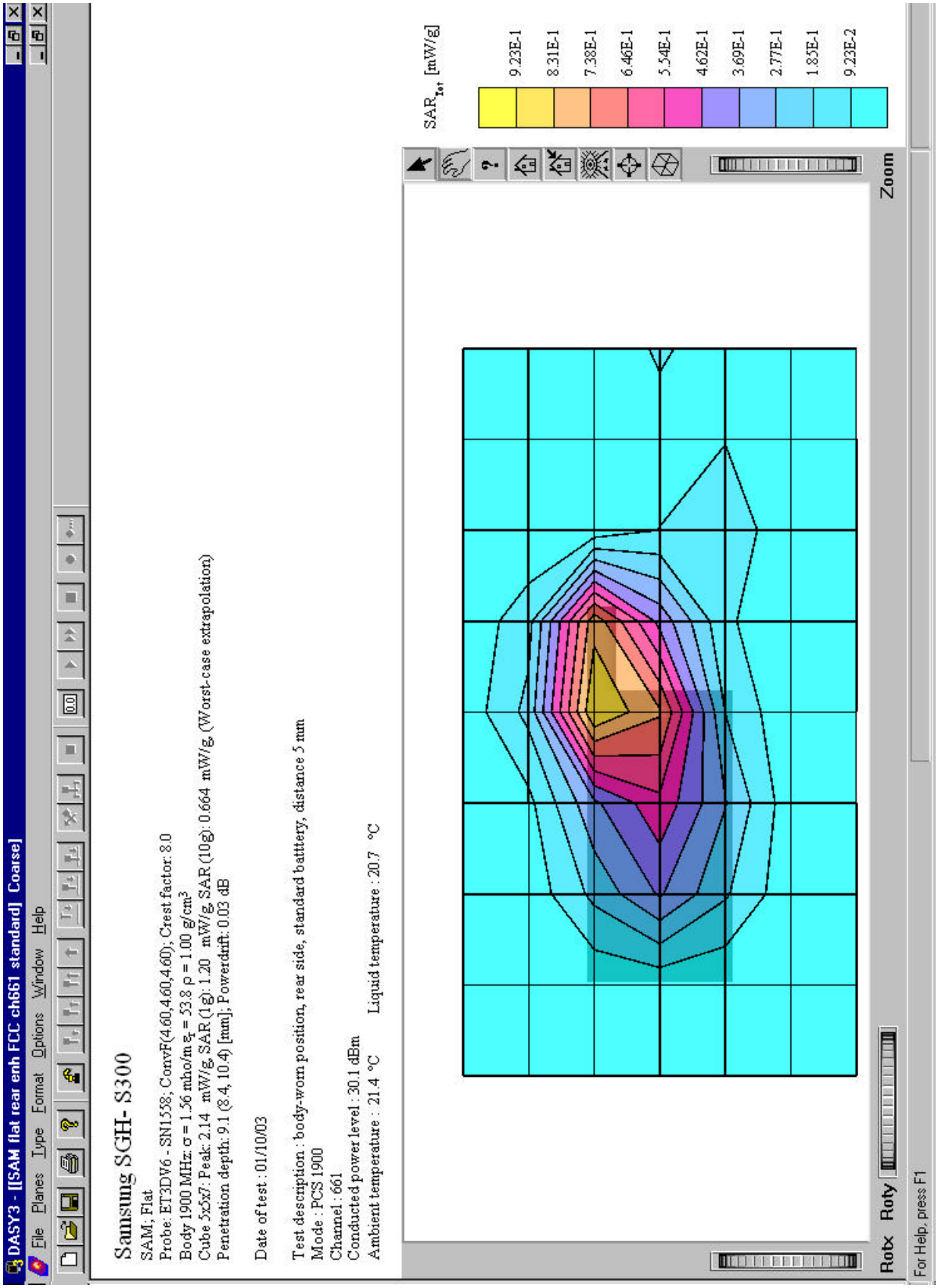
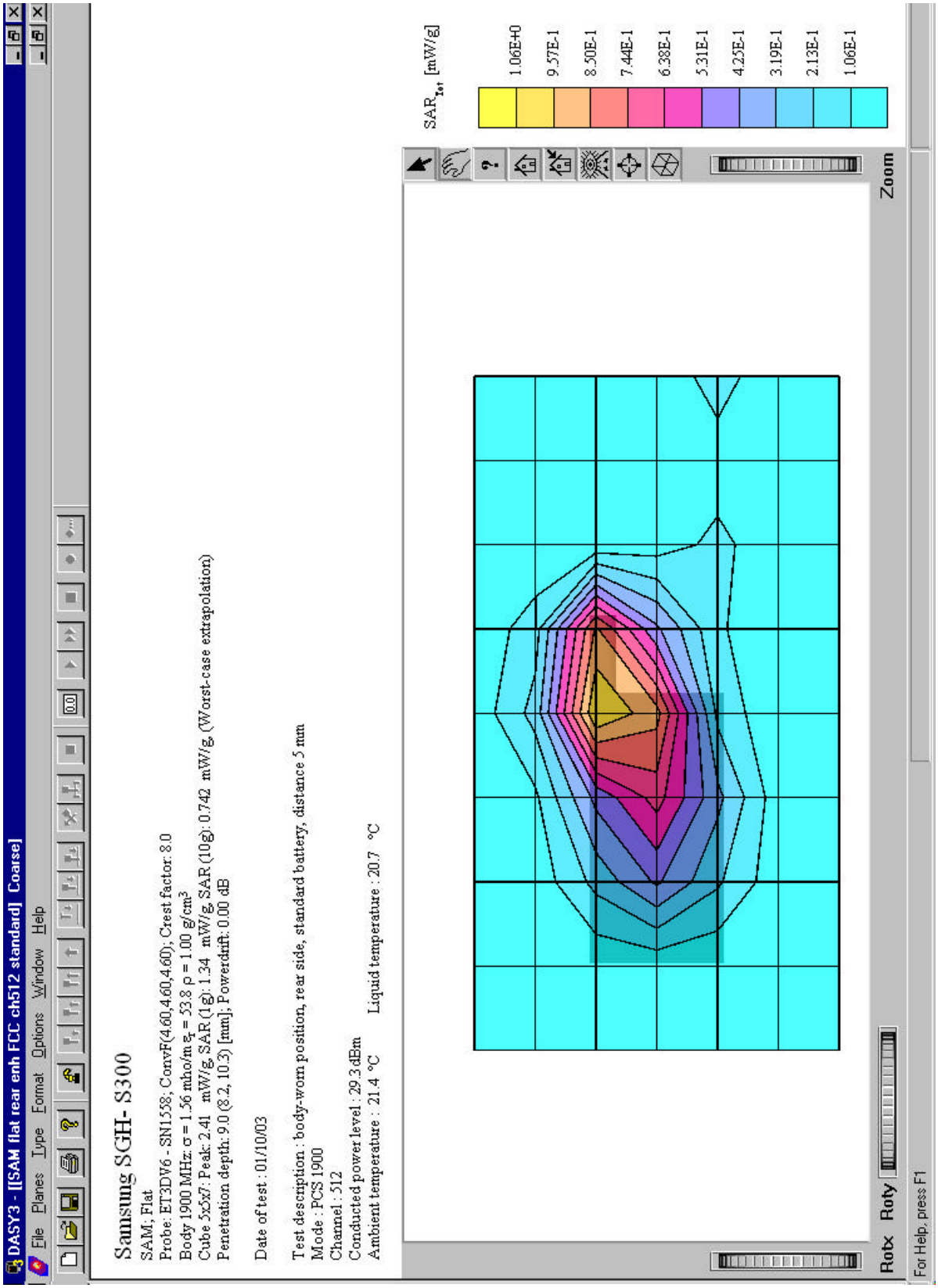
Annex 2.2 Standard battery , body-worn positions

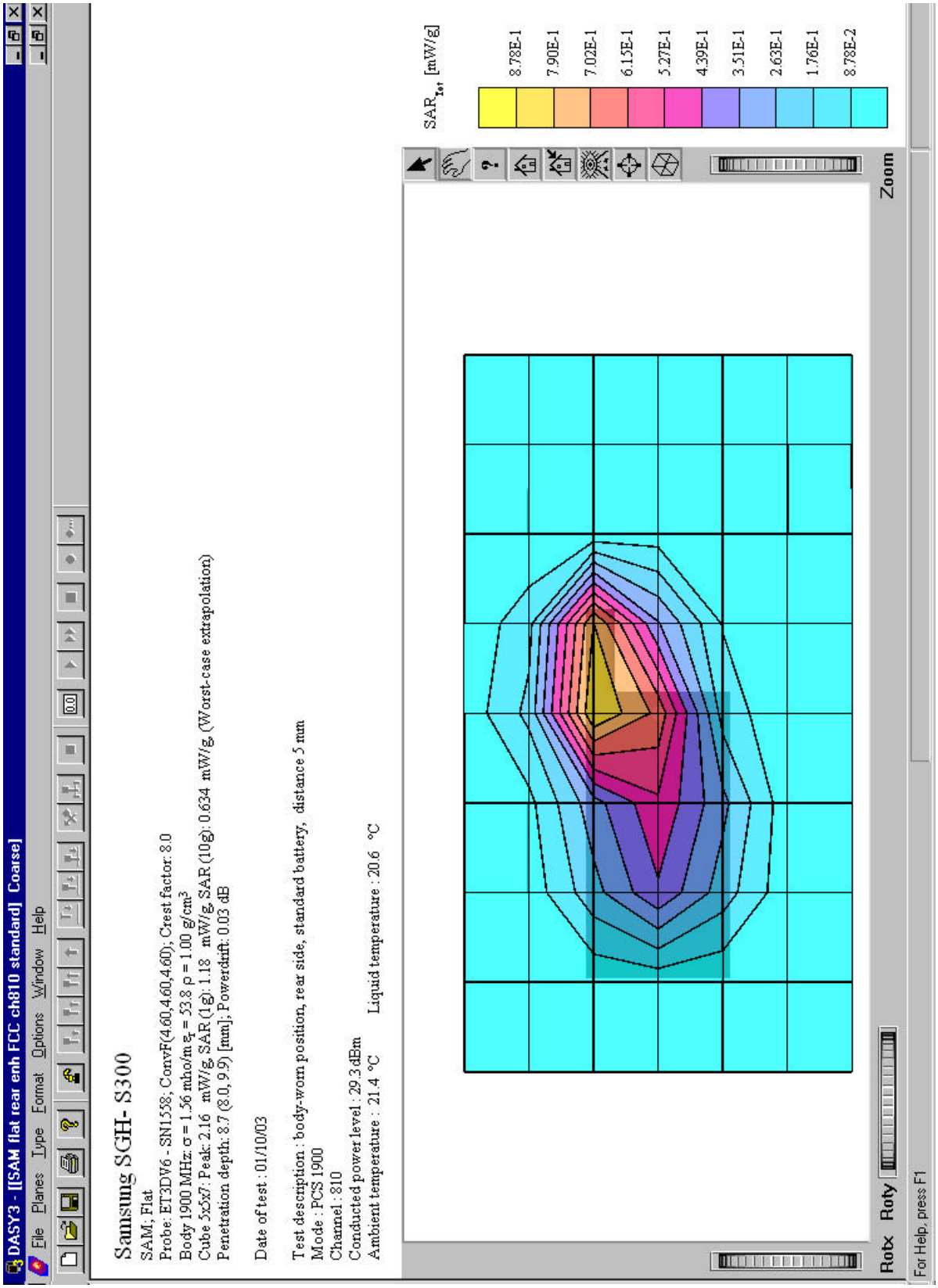


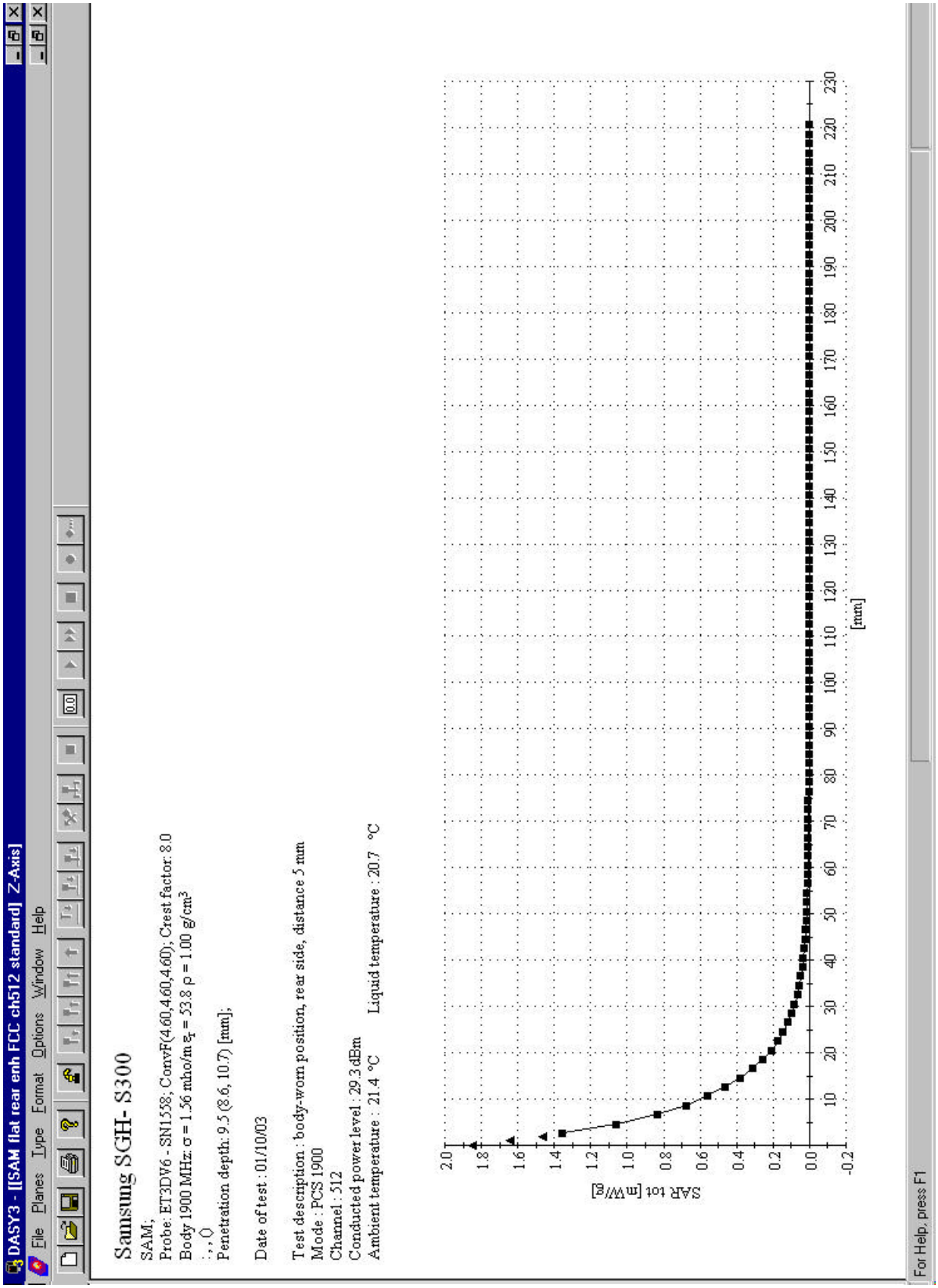

DASY3 - [[SAM flat front enh FCC ch512 standard] Coarse]
File Planes Type Format Options Window Help
Samsung SGH- S300
SAM; Flat
Probe: ET3DV6 - SN1558; ConvF(4.60,4.60,4.60); Crest factor: 8.0
Body 1900 MHz: σ = 1.36 mho/m ε_r = 53.8 ρ = 1.00 g/cm³
Cube 5x5x7: Peak: 1.84 mW/g, SAR (1g): 1.06 mW/g, SAR (10g): 0.601 mW/g (Worst-case extrapolation)
Penetration depth: 9.8 (8.8, 11.3) [mm]; Powerdrift: -0.00 dB
Date of test : 01/10/03
Test description : body-worn position, front side, standard batttery
Mode : PCS 1900
Channel : 512
Conducted power level : 29.3 dBm
Ambient temperature : 21.3 °C
Liquid temperature : 20.7 °C
SAR_tot [mW/g]
9.16E-1
8.24E-1
7.33E-1
6.41E-1
5.50E-1
4.58E-1
3.66E-1
2.75E-1
1.83E-1
9.16E-2
Zoom
Rotx Roty
For Help, press F1


DASY3 - [[SAM flat front enh FCC ch810 standard] Coarse]
File Planes Type Format Options Window Help
Samsung SGH- S300
SAM; Flat
Probe: ET3DV6 - SN1558; ConvF(4.60,4.60,4.60); Crest factor: 8.0
Body 1900 MHz: σ = 1.36 mho/m ε_r = 53.8 ρ = 1.00 g/cm³
Cube 5x5x7: Peak: 1.74 mW/g, SAR (1g): 0.982 mW/g SAR (10g): 0.554 mW/g (Worst-case extrapolation)
Penetration depth: 9.5 (8.6, 10.9) [mm]; Powerdrift: 0.00 dB
Date of test : 01/10/03
Test description : body-worn position, front side, standard batttery,
Mode : PCS 1900
Channel : 810
Conducted power level : 29.3 dBm
Ambient temperature : 21.3 °C
Liquid temperature : 20.7 °C
SAR_tot [mW/g]
8.67E-1
7.80E-1
6.94E-1
6.07E-1
5.20E-1
4.34E-1
3.47E-1
2.60E-1
1.73E-1
8.67E-2
Zoom
Rotx Roty
For Help, press F1


DASY3 - [[SAM flat rear enh FCC ch661 standard] Coarse]
File Planes Type Format Options Window Help
Samsung SGH- S300
SAM; Flat
Probe: ET3DV6 - SN1558; ConvF(4.60,4.60,4.60); Crest factor: 8.0
Body 1900 MHz: σ = 1.36 mho/m ε_r = 53.8 ρ = 1.00 g/cm³
Cube 5x5x7: Peak: 2.14 mW/g, SAR (1g): 1.20 mW/g, SAR (10g): 0.664 mW/g (Worst-case extrapolation)
Penetration depth: 9.1 (8.4, 10.4) [mm]; Powerdrift: 0.03 dB
Date of test : 01/10/03
Test description : body-worn position, rear side, standard batttery, distance 5 mm
Mode : PCS 1900
Channel : 661
Conducted power level : 30.1 dBm
Ambient temperature : 21.4 °C
Liquid temperature : 20.7 °C
SAR_tot [mW/g]
9.23E-1
8.31E-1
7.38E-1
6.46E-1
5.54E-1
4.62E-1
3.69E-1
2.77E-1
1.85E-1
9.23E-2
Zoom
Rotx
Roty
For Help, press F1


DASY3 - [[SAM flat rear enh FCC ch512 standard] Coarse]
File Planes Type Format Options Window Help
Samsung SGH- S300
SAM; Flat
Probe: ET3DV6 - SN1558; ConvF(4.60,4.60,4.60); Crest factor: 8.0
Body 1900 MHz: σ = 1.36 mho/m ε_r = 53.8 ρ = 1.00 g/cm³
Cube 5x5x7: Peak: 2.41 mW/g, SAR (1g): 1.34 mW/g, SAR (10g): 0.742 mW/g (Worst-case extrapolation)
Penetration depth: 9.0 (8.2, 10.3) [mm]; Powerdrift: 0.00 dB
Date of test : 01/10/03
Test description : body-worn position, rear side, standard battery, distance 5 mm
Mode : PCS 1900
Channel : 512
Conducted power level : 29.3 dBm
Ambient temperature : 21.4 °C
Liquid temperature : 20.7 °C
SAR_tot [mW/g]
1.06E+0
9.57E-1
8.50E-1
7.44E-1
6.38E-1
5.31E-1
4.25E-1
3.19E-1
2.13E-1
1.06E-1
Zoom
Rotx Roty
For Help, press F1


DASY3 - [[SAM flat rear enh FCC ch810 standard] Coarse]
File Planes Type Format Options Window Help
Samsung SGH- S300
SAM; Flat
Probe: ET3DV6 - SN1558; ConvF(4.60,4.60,4.60); Crest factor: 8.0
Body 1900 MHz: σ = 1.36 mho/m ε_r = 53.8 ρ = 1.00 g/cm³
Cube 5x5x7: Peak: 2.16 mW/g, SAR (1g): 1.18 mW/g, SAR (10g): 0.634 mW/g (Worst-case extrapolation)
Penetration depth: 8.7 (8.0, 9.9) [mm]; Powerdrift: 0.03 dB
Date of test : 01/10/03
Test description : body-worn position, rear side, standard battery, distance 5 mm
Mode : PCS 1900
Channel : 810
Conducted power level : 29.3 dBm
Ambient temperature : 21.4 °C
Liquid temperature : 20.6 °C
SAR_tot [mW/g]
8.78E-1
7.90E-1
7.02E-1
6.15E-1
5.27E-1
4.39E-1
3.51E-1
2.63E-1
1.76E-1
8.78E-2
Zoom
Rotx Roty
For Help, press F1


DASY3 - [[SAM flat rear enh FCC ch512 standard] Z-Axis]
File Planes Type Format Options Window Help
Samsung SGH- S300
SAM;
Probe: ET3DV6 - SN1538; ConvF(4.60,4.60,4.60); Crest factor: 8.0
Body 1900 MHz: σ = 1.36 mho/m ε_r = 53.8 ρ = 1.00 g/cm³
; ; ()
Penetration depth: 9.5 (8.6, 10.7) [mm];
Date of test : 01/10/03
Test description : body-worn position, rear side, distance 5 mm
Mode : PCS 1900
Channel : 512
Conducted power level : 29.3 dBm
Ambient temperature : 21.4 °C
Liquid temperature : 20.7 °C
SAR tot [mW/g]
[mm]
For Help, press F1