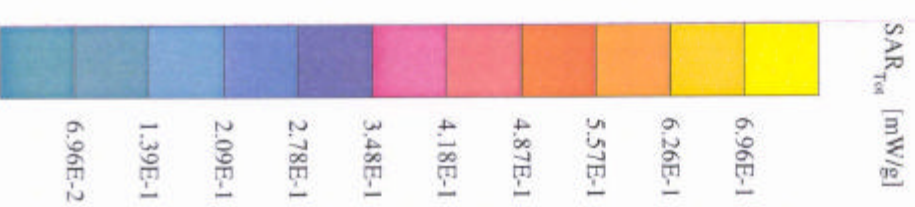


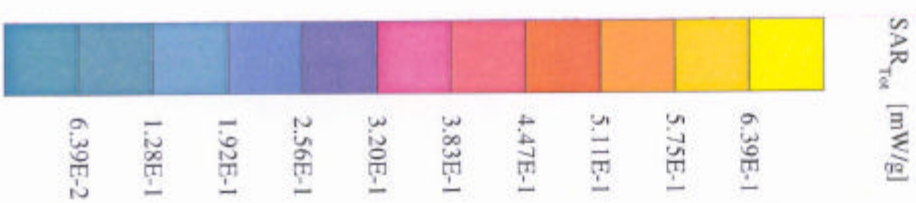
### PY71021012

SAM 4 Phantom; Flat Section; Position: (90°,270°); Frequency: 1850 MHz  
Probe: ET3DV6 - SNI582; ConvF(5.00,5.00,5.00); Crest factor: 8.0; Muscle 1900;  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.634 mW/g; SAR (10g): 0.356 mW/g; (Worst-case extrapolation)  
Course: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdift: -0.15 dB  
Phone:s/nCBS00LP146 & PY71021012;1850MHz(ch512), Flat Phantom Position.Back phone  
in the belt holder(KRY104157R1A);Phone(90/270°) Position, Output Power=29.29dBm,  
Norm.Power=29.3dBm;Room's temperature 25.2; Liquid's temperature 22.6; 030916



### PY71021012

SAM 4 Phantom; Flat Section; Position: (90° 270°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.00,5.00,5.00); Crest factor: 8.0; Muscle 1900;  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.629 mW/g; SAR (10g): 0.353 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdrit: -0.14 dB  
Phone:s/nCB500L/P146 & PY71021012;1850MHz/ch512), Flat Phantom Position,Back phone  
in the belt holder(KRY104157R1A);Phone(90/270°) Position:Output Power=29.29dBm,  
Bluetooth ON;Norm.Power=29.3dBm;Room's temperature 25.2 ; Liquid's temperature 22.6; 030916



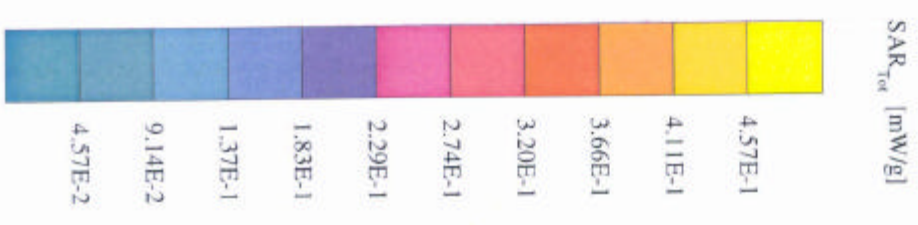
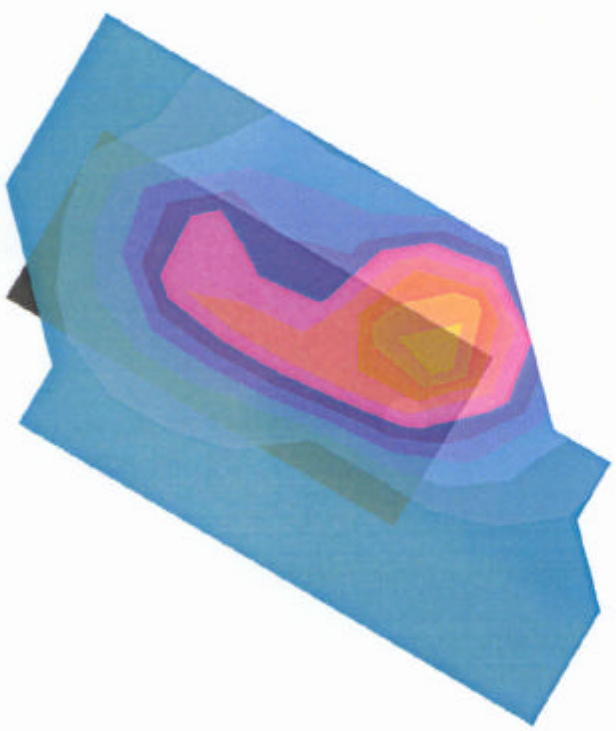
### PY71021012

SAM 4 Phantom; Flat Section; Position: (90°;270°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; Convf(5.00;5.00;5.00); Crest factor: 8.0; Muscle 1900;  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.0730 mW/g; SAR (10g): 0.0447 mW/g. (Worst-case extrapolation)  
Course: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.12 dB  
Phone:s/nCB500L.P146 & PY71021012;1850MHz(ch512), Flat Phantom Position;Front phone  
in the belt holder(KRY104157R1A);Phone(90/270°) Position;Output Power=29.29dBm,  
Norm.Power=29.3dBm;Room's temperature 25.2 ; Liquid's temperature 22.5; 030916



### PY71021012

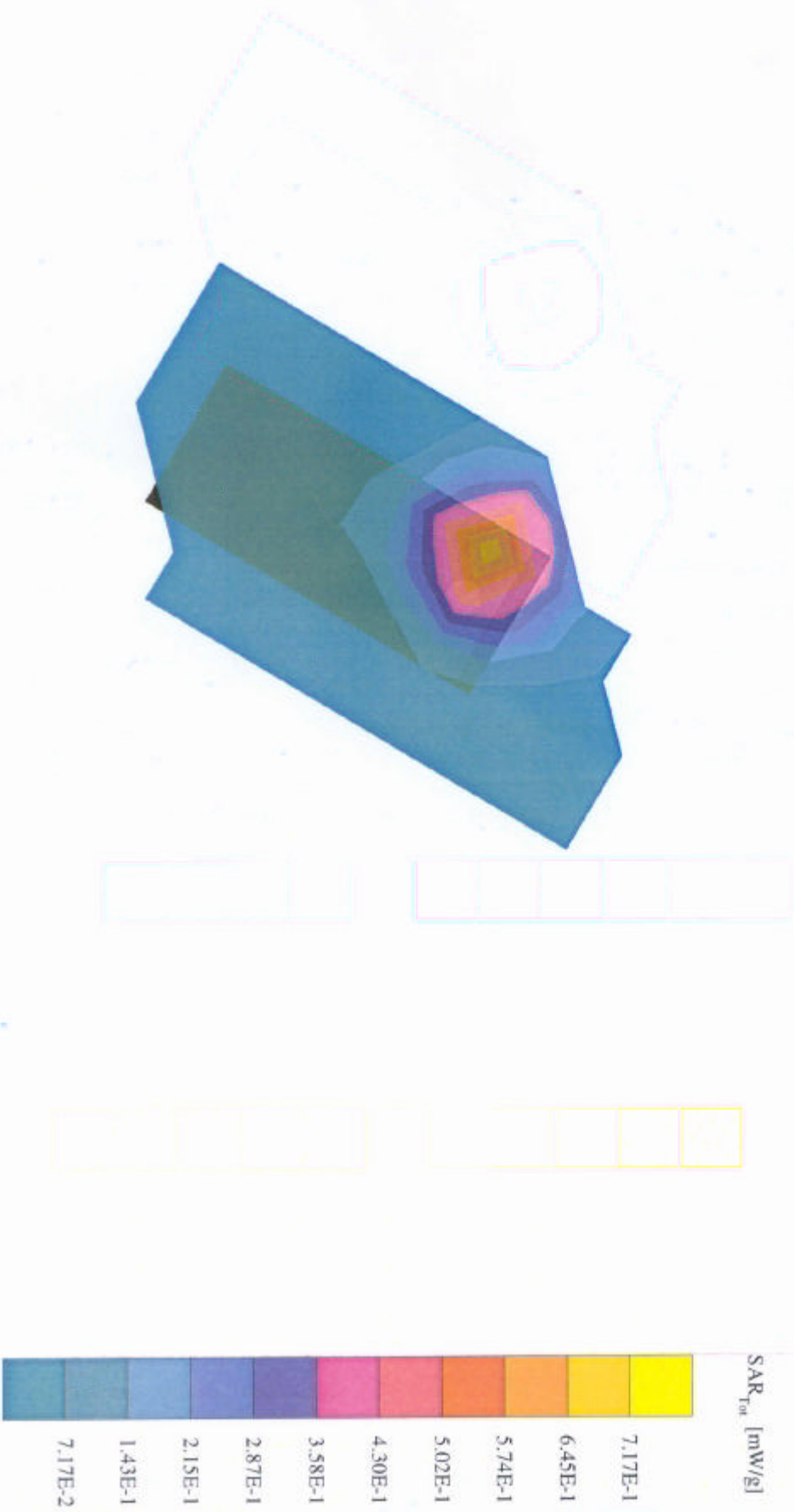
SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1850 MHz  
Probe: ET3DYE6 - SNI582; ConvF(5.30,5.30,5.30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.440 mW/g; SAR (10g): 0.251 mW/g; (Worst-case extrapolation)  
Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.01 dB  
Phone:s/nCB500LP146 & PY71021012:1850MHz(ch512); Left Hand Side,Cheek(90°)  
Phone Position, meas. Power=29.29dBmNorm;Power=29.3dBm;Room's temprature 25.2c ;  
Liquid's temprature 22.6c; 030915





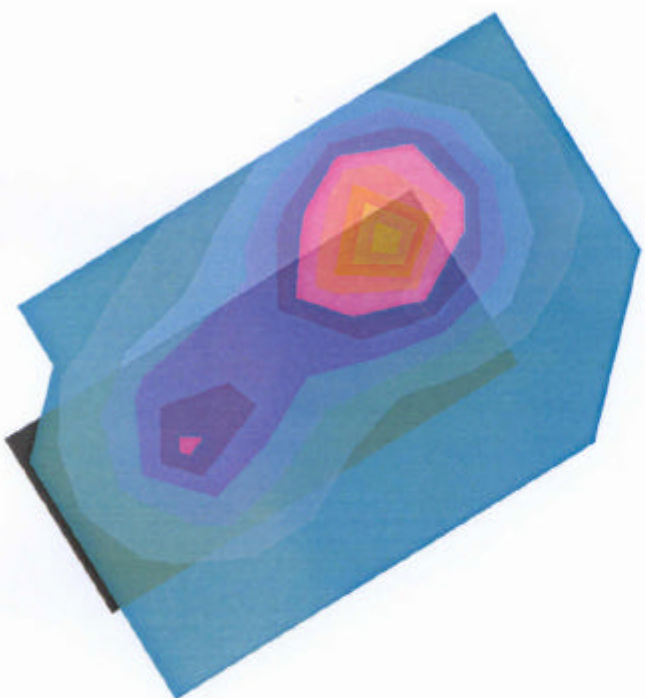
### PY71021012

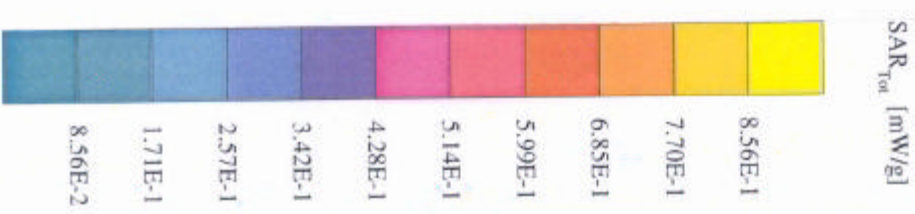
SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.30,5.30,5.30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.619 mW/g; SAR (10g): 0.351 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrit: -0.04 dB  
Phone:s/nCB500LP146 & PY71021012:1850MHz(ch512); Left Hand Side, Tilt(105°) Phone  
Position, Output Power=29.29dBm;Norm.Power=29.3dBm;Room's temperature 25.2c ;  
Liquid's temprature 22.8c; 030915



### PY71021012

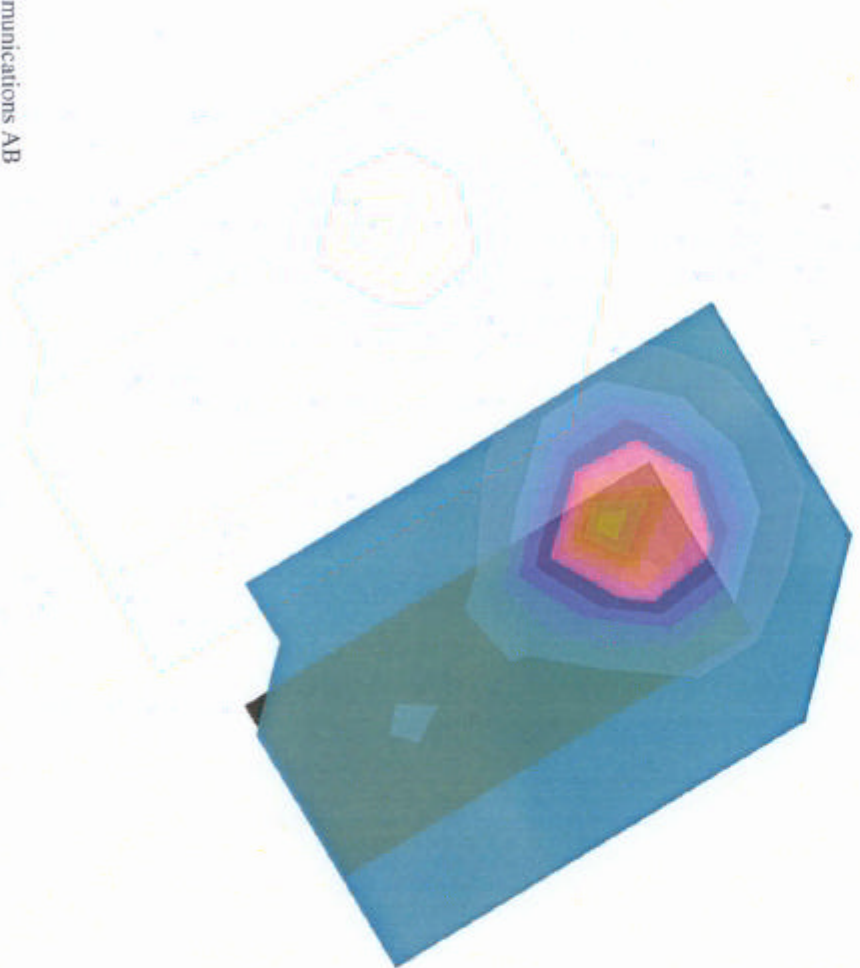
SAM 4 Phantom; Right Hand Section; Position: (90°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; ConvF(S,30,S,30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.754 mW/g; SAR (10g): 0.407 mW/g; (Worst-case extrapolation)  
Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.13 dB  
Phone:s/nCB500L\_P146 & PY71021012;1850MHz(ch512); Right Hand Side,Cheek(90°)  
Phone Position;OutputPower=29.29dBm.;Norm.Power=29.3dBm.;Room's temperature 25.2c ;  
Liquid's temperature 22.6c; 030915



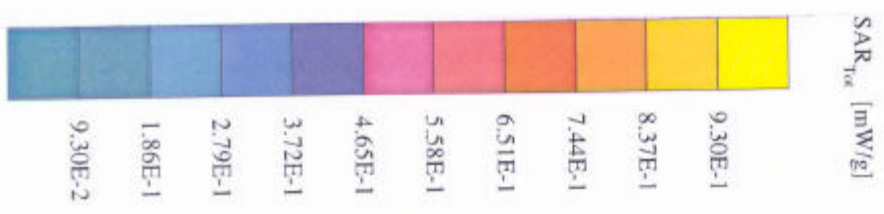
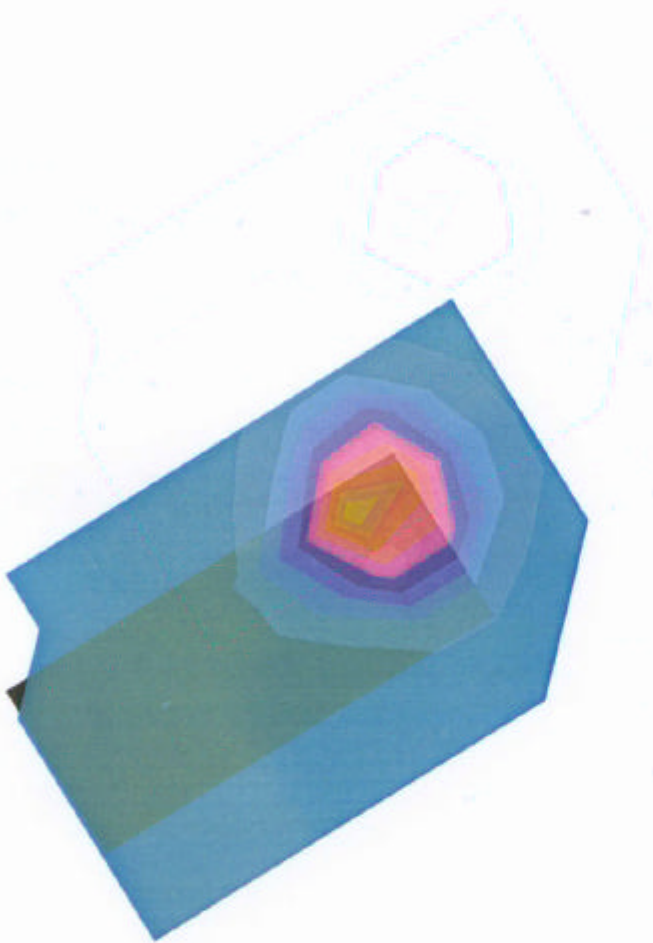

### PY71021012

SAM 4 Phantom; Right Hand Section; Position: (105°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; ConvF(5,30,5,30,5,30); Crest factor: 8,0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.771 mW/g; SAR (10g): 0.428 mW/g; (Worst-case extrapolation)  
Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.13 dB  
Phone:s/nCB500LP146 & PY71021012;1850MHz(ch512); Right Hand Side,Tilt(105°) Phone  
Position,Output Power=29,29dBm;Norm.Power=29,3dBm;Room's temprature 25,2c ;  
Liquid's temprature 22,5c; 030915



### PY71021012

SAM 4 Phantom; Right Hand Section; Position: (105°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.30,5.30,5.30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.833 mW/g; SAR (10g): 0.451 mW/g; (Worst-case extrapolation)  
Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrit: -0.04 dB  
Phone:s/n/CB500LP146 & PY71021012:1850MHz(ch512); Right Hand Side,Tilt(105°) Phone  
Position,Output Power=29.29dBm;Norm.Power=29.3dBm;Room's temperature 25.2c ;  
Liquid's temperature 22.8c;Bluetooth is ON ; 030915





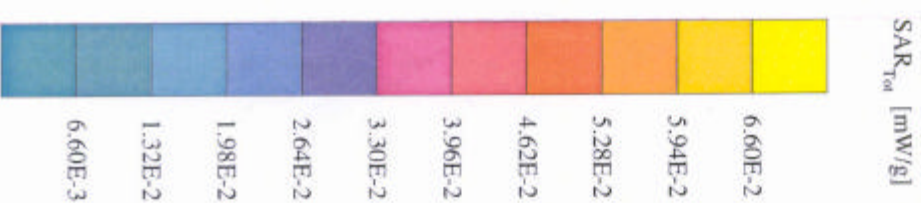
### PY71021012

SAM 4 Phantom; Flat Section; Position: (90°,270°); Frequency: 1880 MHz  
Probe: ET3DYE6 - SNI582; ConvF(5.00,5.00,5.00); Crest factor: 8.0; Muscle 1900;  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.354 mW/g; SAR (10g): 0.202 mW/g (Worst-case extrapolation)  
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.05 dB  
Phone:s/nCB500LP146 & PY71021012;1880MHz(ch661), Flat Phantom Position,Back phone  
in the belt holder(KRY104157R1A) :Phone(90/270°) Position, Output Power=29.15dBm,  
Norm.Power=29.3dBm;Room's temperature 25.2c ; Liquid's temperature 22.6c; 030916



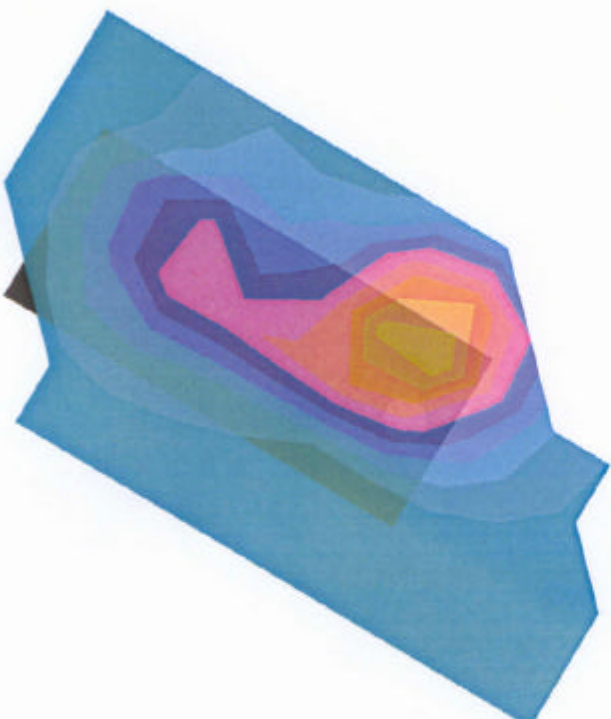
### PY71021012

SAM 4 Phantom: Flat Section; Position: (90°:270°); Frequency: 1880 MHz  
Probe: ET3D/V6 - SN1582; ConvF(5.00,5.00,5.00); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.0580 mW/g; SAR (10g): 0.0352 mW/g. (Worst-case extrapolation)  
Course: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.02 dB  
Phone:s/nCB500LP146 & PY71021012:1880MHz/ch661). Flat Phantom Position:Front phone  
in the belt holder(KRY104157R1A);Phone(90/270°) Position;Output Power=29.15dBm,  
Norm.Power=29.3dBm;Room's temperature 25.2 ; Liquid's temperature 22.5; 030916



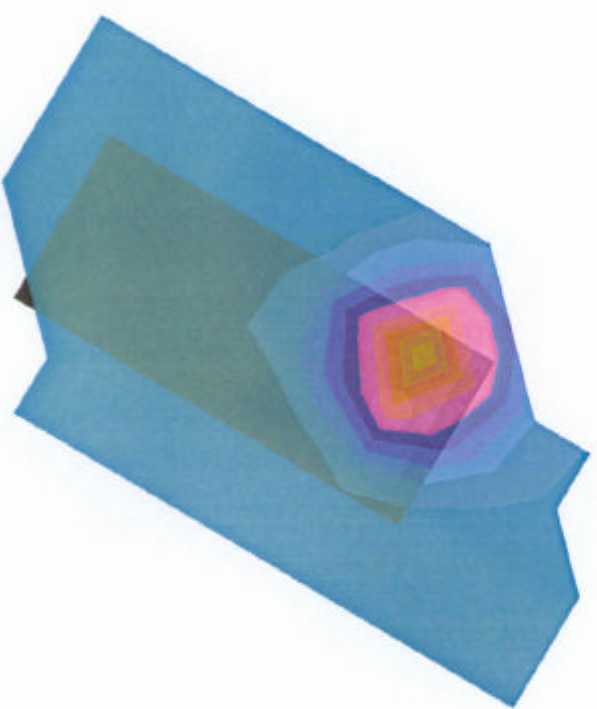
### PY71021012

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.30,5.30,5.30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.370 mW/g, SAR (10g): 0.206 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.07 dB  
Phone:s/nCB500LP146 & PY71021012;1880MHz(ch661). Left Hand Side,Cheek(90°)  
Phone Position, Output Power=29.15dBm, Norm.Power=29.3dBm;Room's temprature 25.2c ;  
Liquid's temprature 22.6c; 030915



### PY71021012

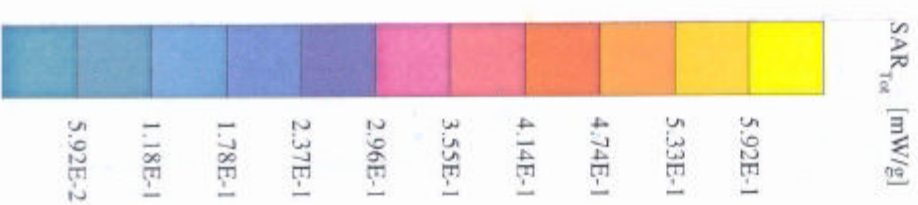
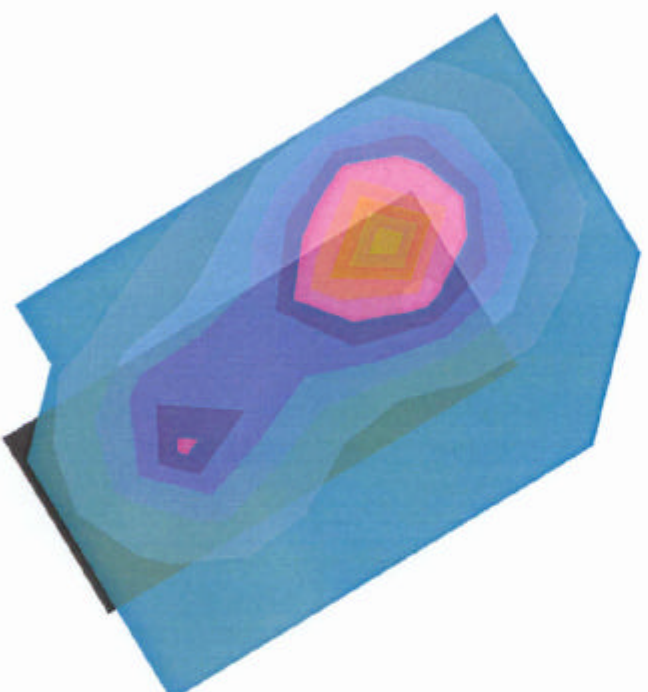
SAM 4 Phantom: Left Hand Section: Position: (105°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1582; ConvF(5,30,5,30,5,30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.496 mW/g, SAR (10g): 0.273 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.05 dB  
Phone:s/nCB500LP146 & PY71021012:1880MHz(ch661), Left Hand Side, Tilt(105°) Phone  
Position, Output Power=29.15dBm, Norm.Power=29.3dBm;Room's temperature 25.2c ;  
Liquid's temperature 22.9c; 030915





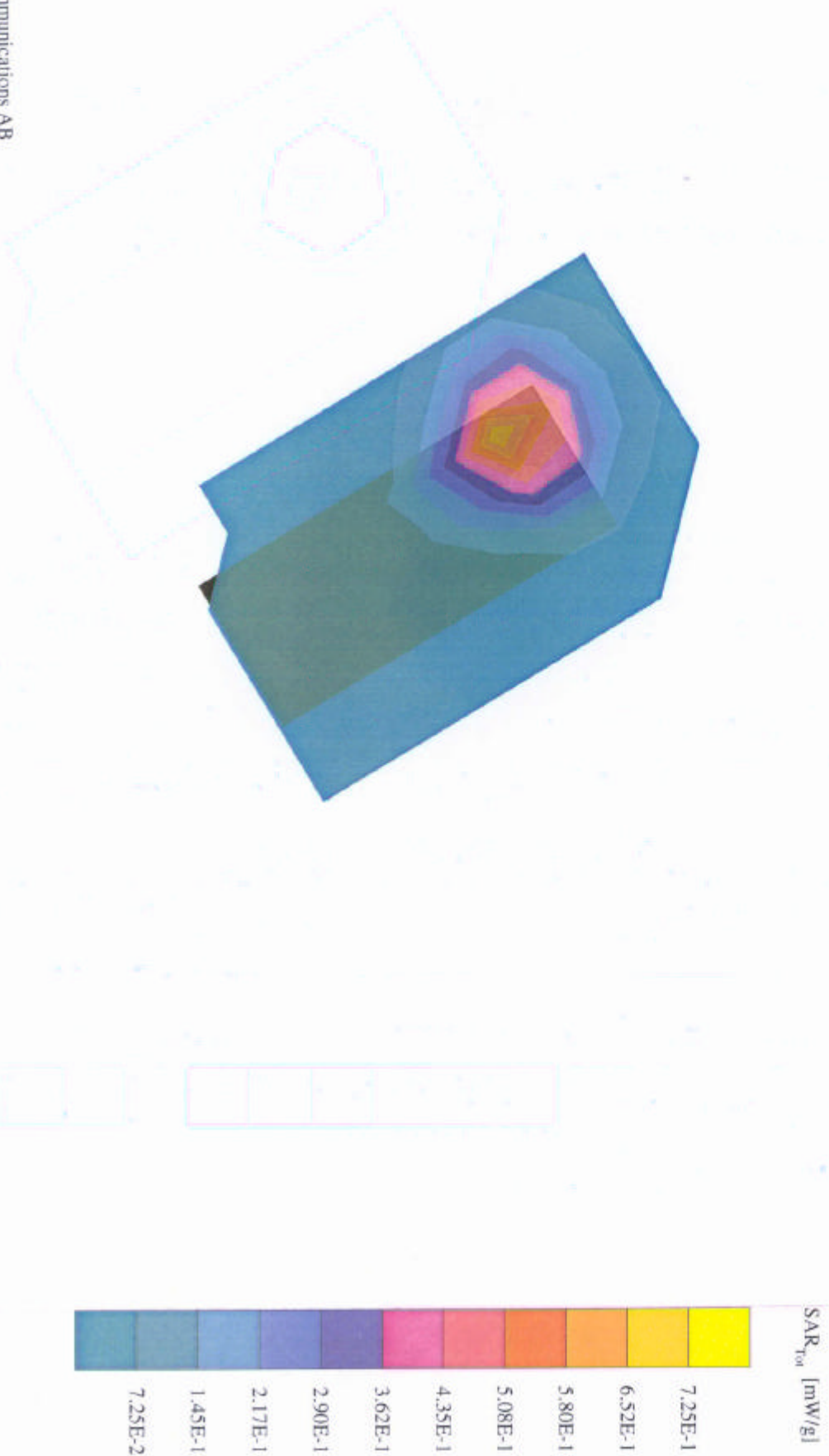
### PY71021012

SAM 4 Phantom; Right Hand Section; Position: (90°,301°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.30,5.30,5.30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.507 mW/g, SAR (10g): 0.274 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdirt: 0.02 dB  
Phone:s/n:CB500LP146 & PY71021012; 1880MHz/ch661\,Right Hand Side,Cheek(90°)  
Phone Position:Output Power=29.15dBm, Norm.Power=29.3dBm;Room's temperature 25.2c :  
Liquid's temperature 22.5c; 030915



### PY71021012

SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1582; ConvEq(5,30,5,30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.631 mW/g, SAR (10g): 0.340 mW/g, (Worst-case extrapolation)  
Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.01 dB  
Phone:s/n/CB500LP146 & PY71021012; 1880MHz(ch661). Right Hand Side;Tilt(105°) Phone  
Position,Output Power=29.15dBm, Norm.Power=29.3dBm;Room's temperature 25.2c ;  
Liquid's temperature 22.8c; 030915



### Dipole 1900 MHz

SAM 4 Phantom; Flat Section; Position: (90° 90°); Frequency: 1900 MHz  
 Probe: ET3DV6 - SN1582; ConvF(5.00,5.00,5.00); Crest factor: 1.0; Muscle 1900;  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Cubes (2): SAR (1g): 4.35 mW/g  $\pm 0.01$  dB, SAR (10g): 2.25 mW/g  $\pm 0.01$  dB, (Worst-case extrapolation)  
 Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
 Powerdrift: -0.03 dB  
 P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002  
 Target values: 1g mass 43.2 mW/g, 10g mass 22.4 mW/g  
 Measured values: 1g mass 43.5 mW/g(+0.7%), 10g mass 22.5 mW/g(+0.5%)  
 BODY LIQUIDS Temperature 22.5 C



### Dipole 1900 MHz

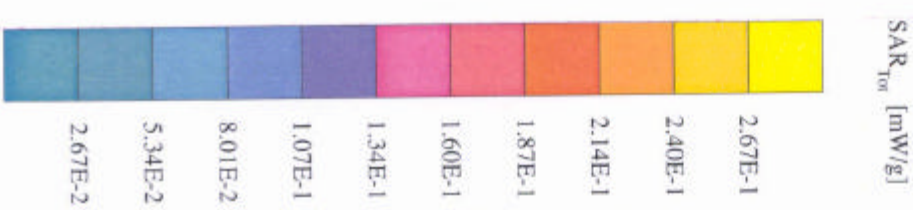
SAM 4 Phantom; Flat Section; Position: (90° 90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1582; ConvF(5,30,5,30,5,30); Crest factor: 1.0; Head 1900MHz:  $\sigma = 1.47$  mho/cm  $\epsilon_g = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cubes (2): SAR (1g): 4.46 mW/g  $\pm 0.01$  dB, SAR (10g): 2.27 mW/g  $\pm 0.01$  dB, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.02 dB  
P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002  
Target values: 1g mass 41.6 mW/g, 10g mass 21.5 mW/g  
Measured values: 1g mass 44.6 mW/g(+7.2%), 10g mass 22.7 mW/g(+5.6%)





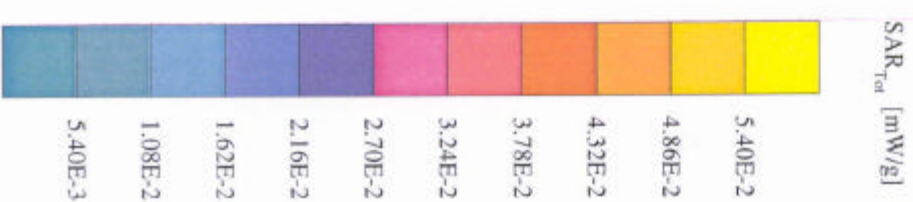
### PY71021012

SAM 4 Phantom; Flat Section; Position: (90° 270°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.00,5.00,5.00); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cubes (2): SAR (1g): 0.267 mW/g  $\pm$  0.11 dB, SAR (10g): 0.151 mW/g  $\pm$  0.08 dB, (Worst-case extrapolation)  
Course: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.07 dB  
Phone:s/nCBS00LP146 &PY71021012.1910MHz(ch810), Flat Phantom Position,Back phone  
in the Beltholder KRY104157R1A (90/270°) Phone Position,Output Power=29.20dBm,  
Norm.Power=29.3dBm;Room's temperature 25.7c and liquid's temperature 22.6c; 030916



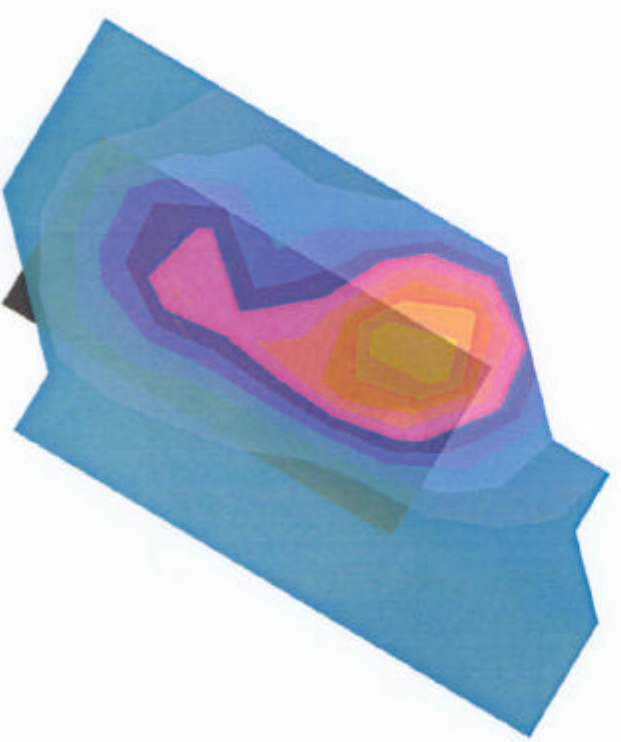
### PY71021012

SAM 4 Phantom; Flat Section; Position: (90°,270°); Frequency: 1910 MHz  
Probe: ET3DY6 - SNI582; ConvF(5.00,5.00,5.00); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.0467 mW/g; SAR (10g): 0.0283 mW/g; (Worst-case extrapolation)  
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.03 dB  
Phone:s/nCB500L.P146 & PY71021012:1910MHz(ch810), Flat Phantom Position;Front phone  
in the belt holder(KRY104157R1A);Phone(90/270°) Position;Output Power=29.20dBm,  
Norm.Power=29.3dBm;Room's temperature 25.2c ; Liquid's temperature 22.5c; 030916



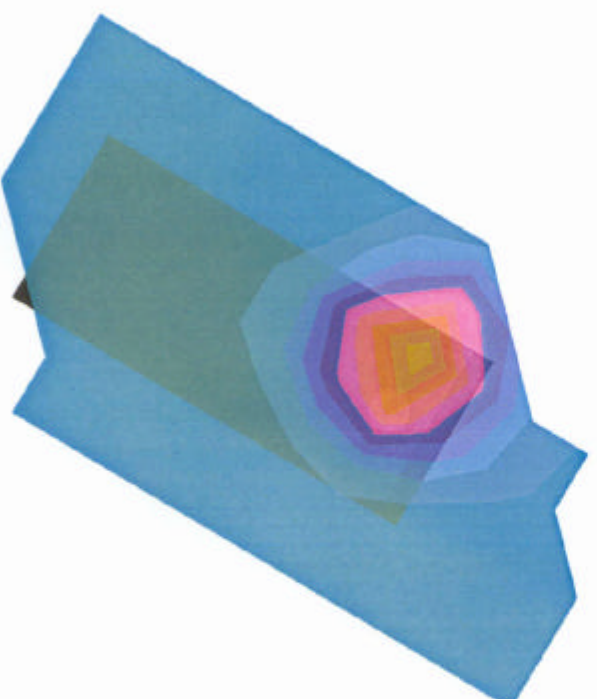
### PY71021012

SAM 4 Phantom; Left Hand Section; Position: (90°, 59°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1582; ConvF(5, 30, 5, 30, 5, 30); Crest factor: 8, 0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.269 mW/g; SAR (10g): 0.151 mW/g; (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.03 dB  
Phone:s/nCB500LP146 & PY71021012;1910MHz(ch810), Left Hand Side,Cheek(90.°)  
Phone Position, meas, Power=29,20dBm, Norm, Power=29,3dBm; Room's temperature 25,2c ;  
Liquid's temperature 22,6c; 030915



### PY71021012

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1582; ConvF(5,30,5,30,5,30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mhov/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.337 mW/g; SAR (10g): 0.187 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.04 dB  
Phone:s/nCB500LP146 & PY71021012:1910MHz(ch810),Left Hand Side,Tilt(105°) Phone  
Position, Output Power=29.3dBm;Norm.Power=29.3dBm;Room's temprature 25.2c ;  
Liquid's temprature 23.0c; 030915



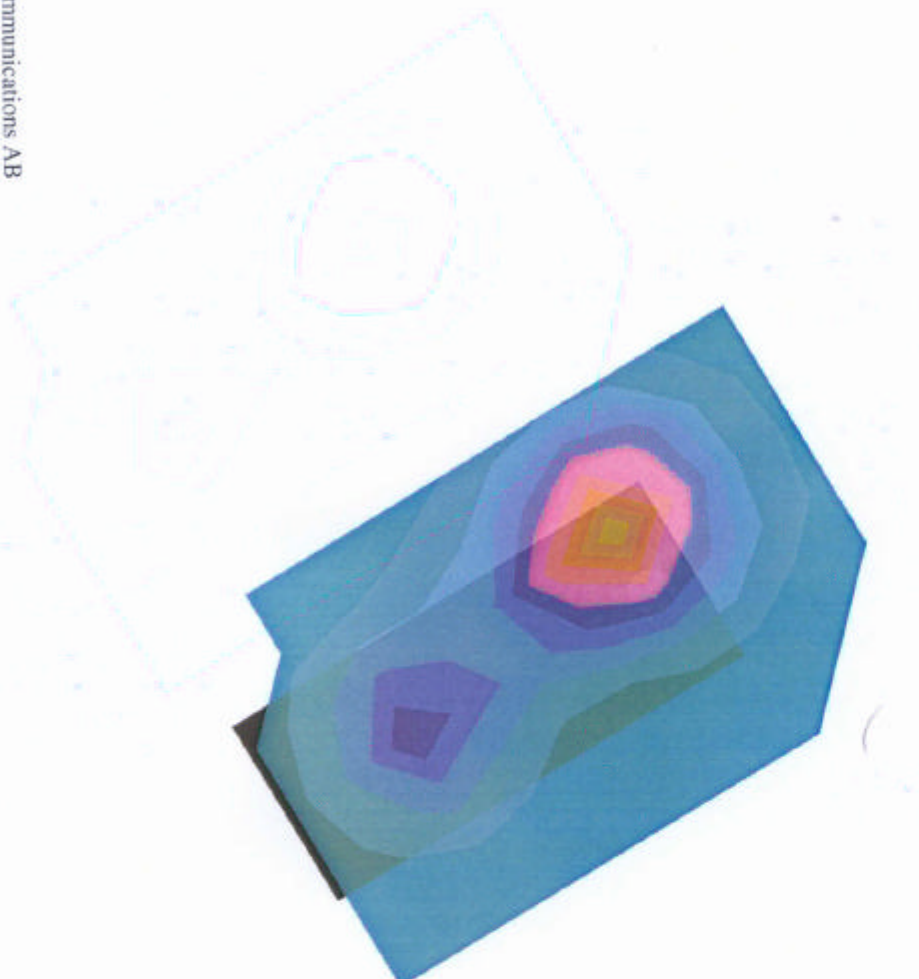
SAR<sub>tot</sub> [mW/g]





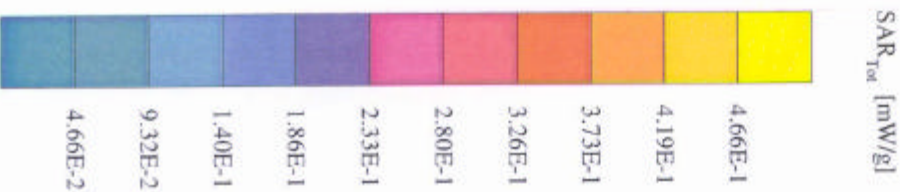
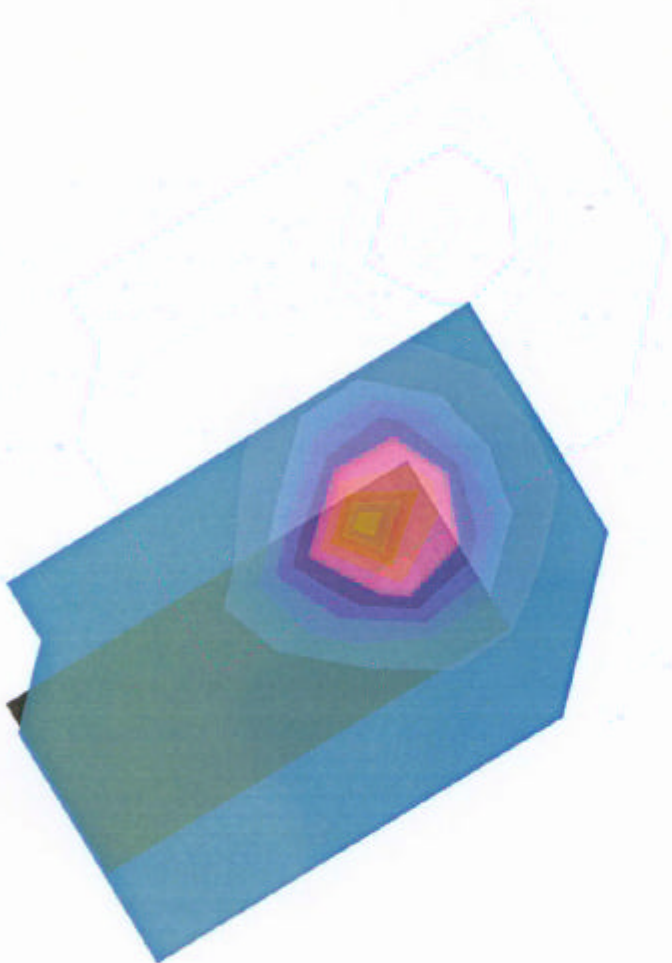
### PY71021012

SAM 4 Phantom; Right Hand Section; Position: (90°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1582; ConvF(5,30.5,30.5,30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mh $\omega$ /m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.363 mW/g, SAR (10g): 0.196 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: 0.03 dB  
Phone:s/nCB500LP146 & PY71021012;1910MHz(ch810), Right Hand Side,Check(90°)  
Phone Position, Output Power=29.20dBm ; Norm.Power=29.3dBm;Room's temprature 25.2c ;  
Liquids temprature 22.5c; 030915



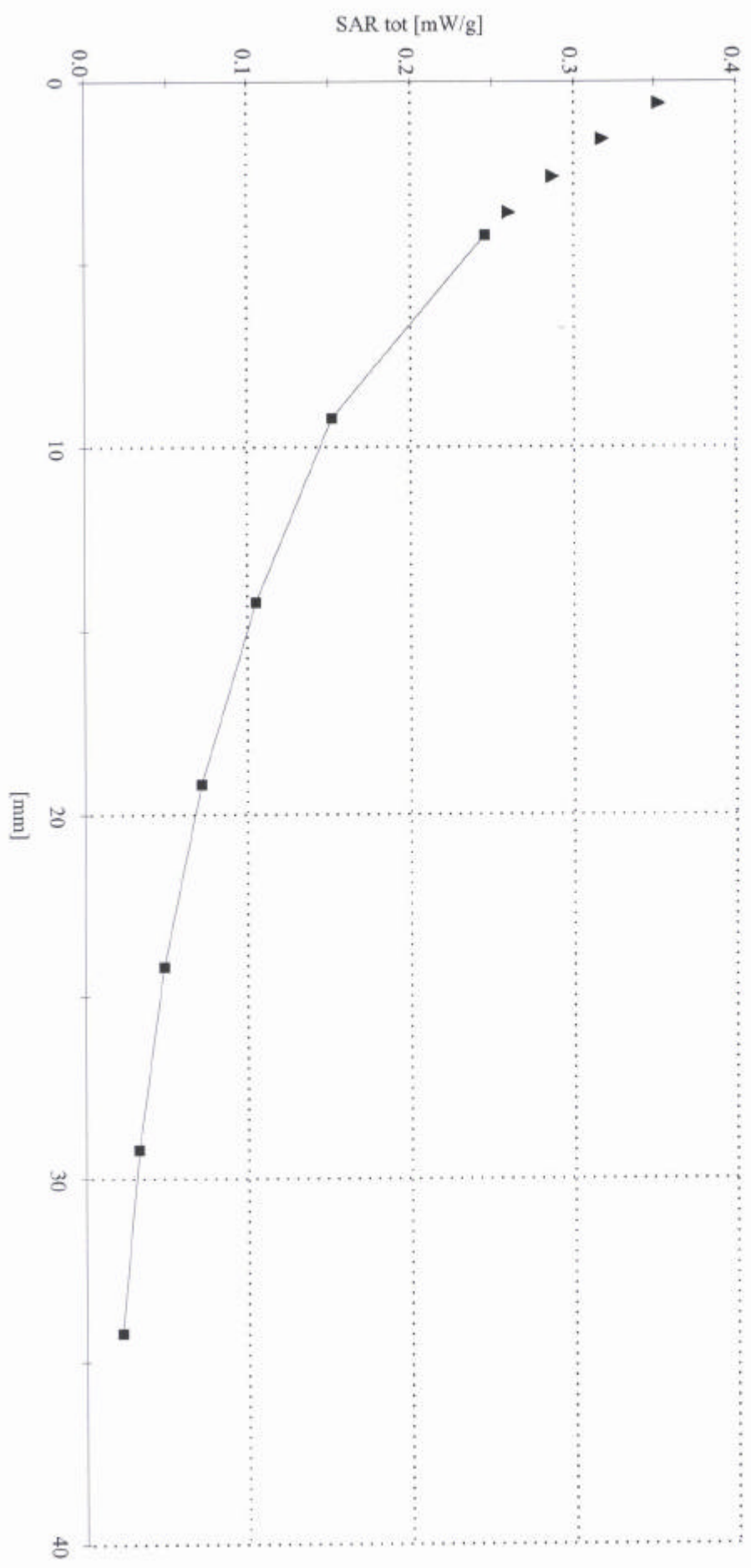
### PY71021012

SAM 4 Phantom; Right Hand Section; Position: (105°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1582; ConvF(5,30,5,30); Crest Factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.396 mW/g; SAR (10g): 0.213 mW/g, (Worst-case extrapolation)  
Course: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrit: -0.01 dB  
Phone:s/rCB500L.P146 & PY71021012;1910MHz(gh810), Right Hand Side;Tilt(105°) Phone  
Position,Output Power=29.3dBm; Norm.Power=29.3dBm;Room's temperature 25.2c ;  
Liquid's temperature 22.5c; 030915



### PY71021012

SAM 4 Phantom; Flat Section; Position: (90°, 270°); Frequency: 1850 MHz  
Probe: ET3DYG - SNI 582; ConvF(5.00, 5.00, 5.00); Crest factor: 8.0; Muscle 1900;  $\sigma = 1.50$  mho/m  $\epsilon_r = 48.7$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.634 mW/g; SAR (10g): 0.356 mW/g. (Worst-case extrapolation)  
Cube 5x5x7; Dx = 8.0, Dy = 8.0, Dz = 5.0



### PY71021012

SAM 4 Phantom; Right Hand Section; Position: (105°, 301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1582; ConvF(5.30,5.30,5.30); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.771 mW/g; SAR (10g): 0.428 mW/g. (Worst-case extrapolation)  
Cube 5x5x7: D<sub>x</sub> = 8.0, D<sub>y</sub> = 8.0, D<sub>z</sub> = 5.0

