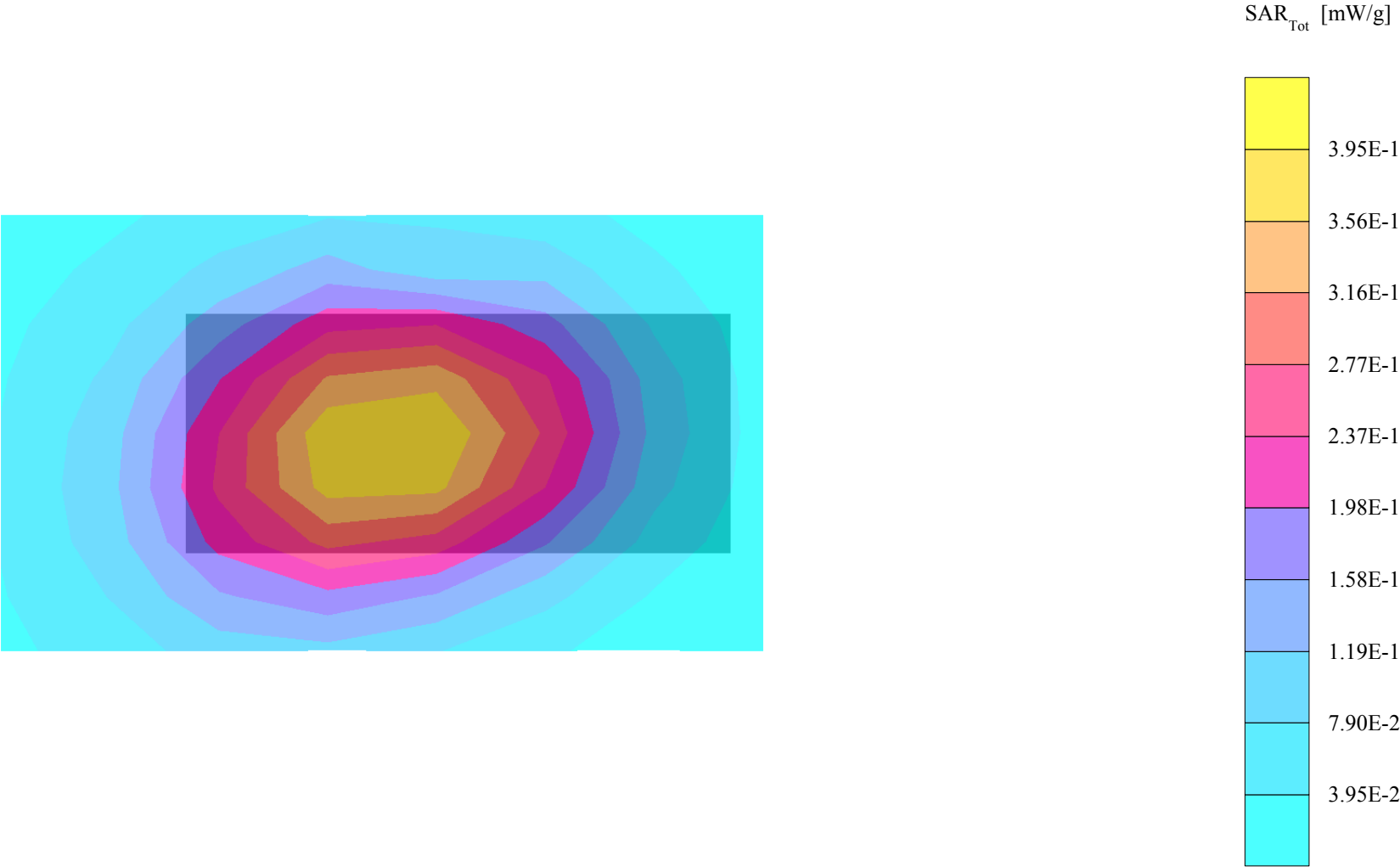


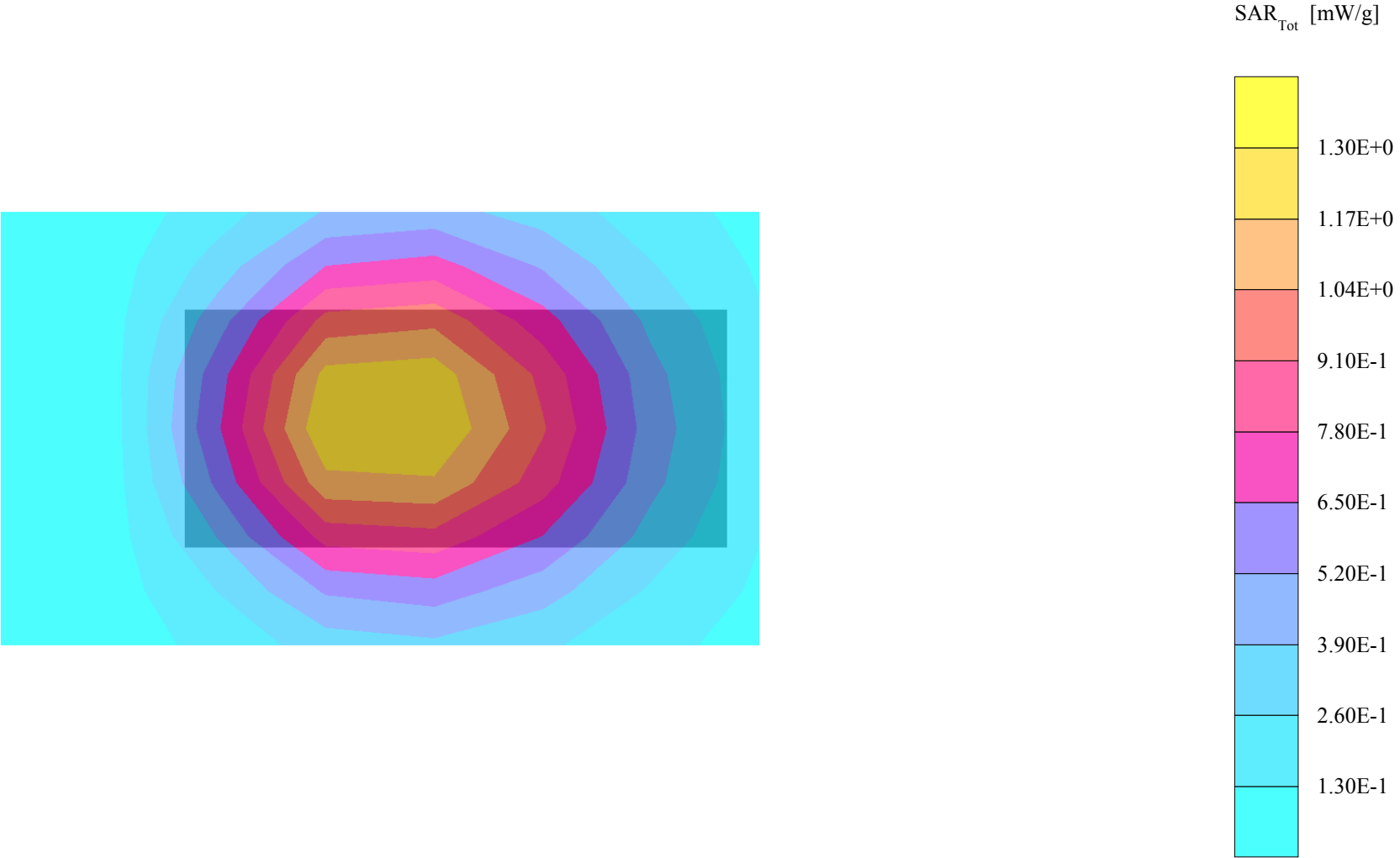
PY7A1041021

SAM 3 Phantom; Flat Section; Position: (270°,90°); Frequency: 837 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 8.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.396 mW/g, SAR (10g): 0.270 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.09 dB
PY7A1041021,S/N:FP6100002NE;frequevcy 836.6MHz(ch190),Front side Phone Position+15mm
distance from flat section of pantom, meas. Power=32.9dBm, Nom.Power=33dBm;
ambien temprature 23°C,and humidity 40%,Date:050602



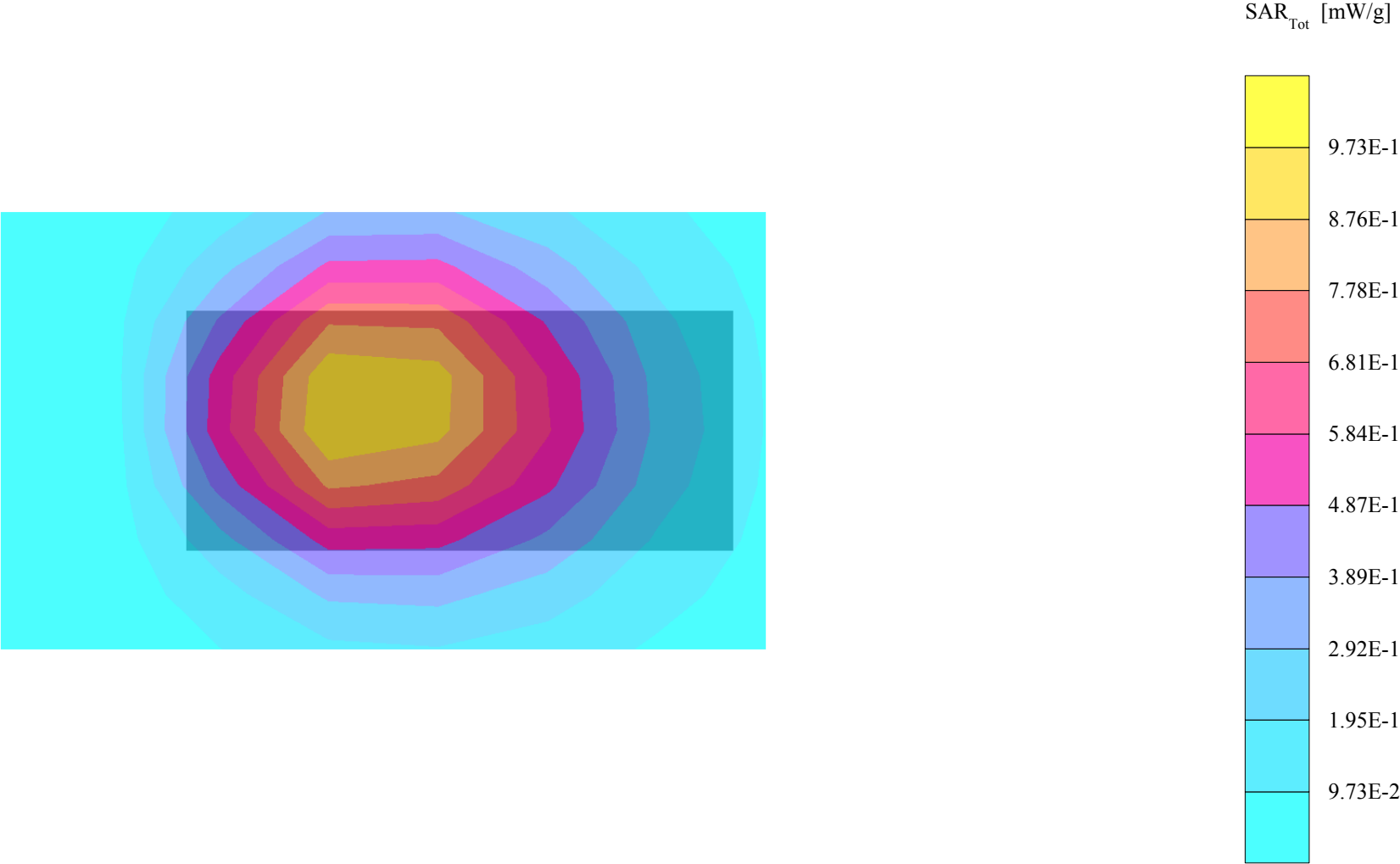
PY7A1041021

SAM 3 Phantom; Flat Section; Position: (270°,90°); Frequency: 837 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 4.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.26 mW/g, SAR (10g): 0.878 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB
PY7A1041021,S/N:FP6100002NE;frequevcy 836.6MHz(ch190),Back side Phone Position+15mm
distance from flat section of pantom, meas. Power=32.9dBm, Nom.Power=33dBm;
ambien temprature 23°C,and humidity 40%,Date:050602_GPRS Measurement



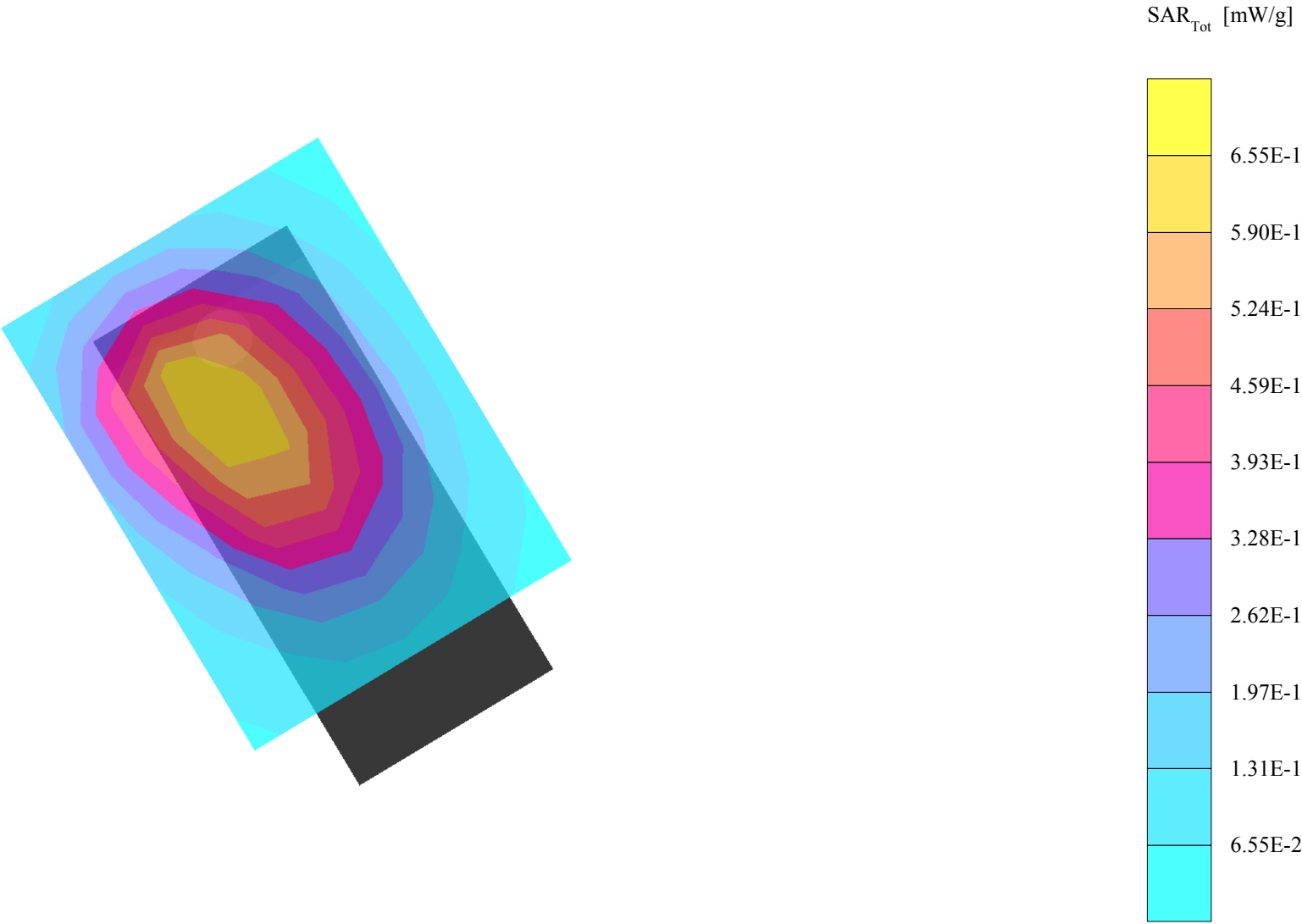
PY7A1041021

SAM 3 Phantom; Flat Section; Position: (270°,90°); Frequency: 837 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 8.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.945 mW/g, SAR (10g): 0.648 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB
PY7A1041021,S/N:FP6100002NE;frequevcy 836.6MHz(ch190),Back side Phone Position+15mm
distance from flat section of pantom, meas. Power=32.9dBm, Nom.Power=33dBm;
ambien temprature 23°C,and humidity 40%,Date:050602



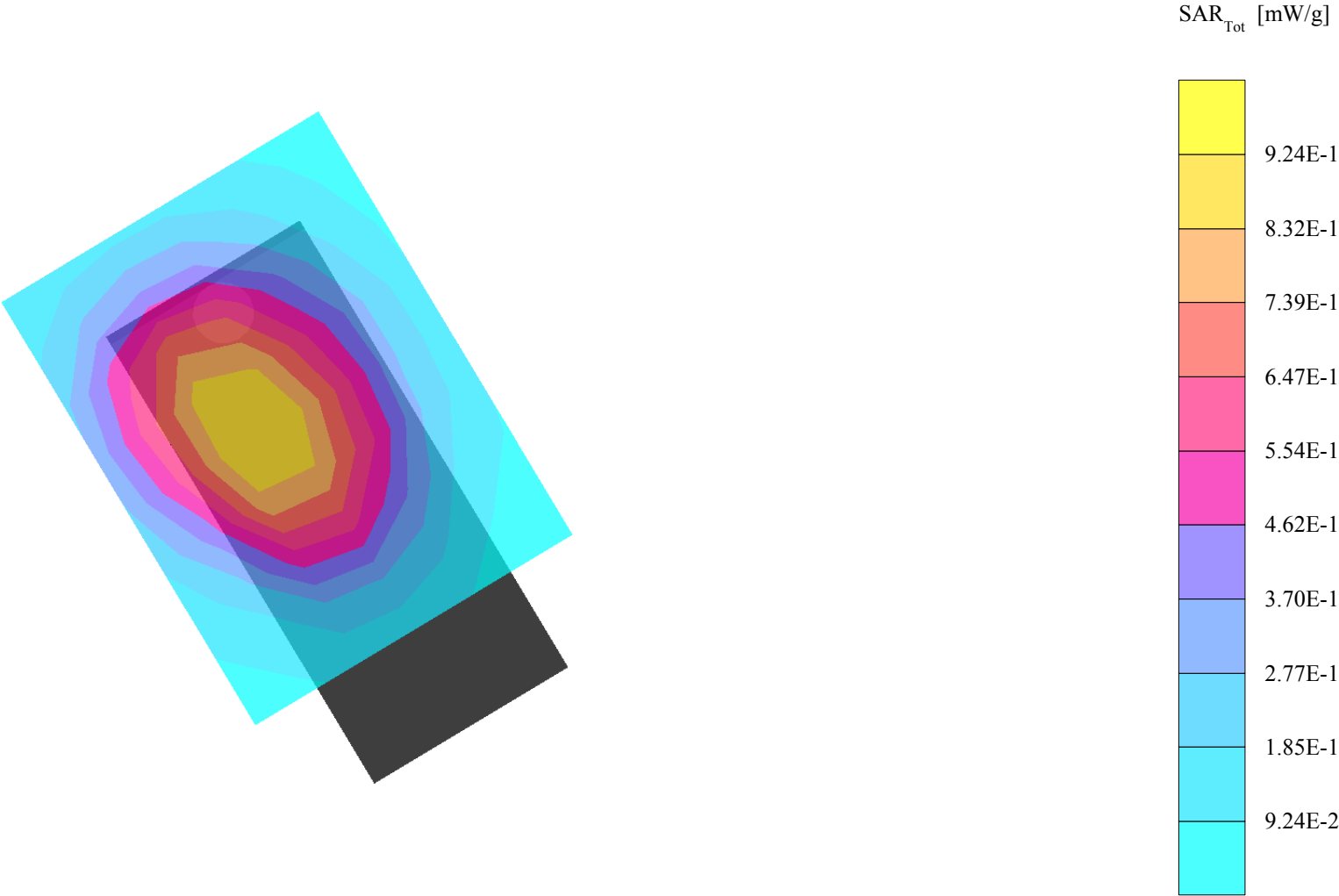
PY7A1041021

SAM 3 Phantom; Righ Hand Section; Position: (110°,301°); Frequency: 824 MHz
Probe: ET3DV6 - SN1582; ConvF(7.11,7.11,7.11); Crest factor: 8.0; Head 825-915MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 42.1$ $\rho = 1.00$ g/cm³
Cubes (2): SAR (1g): 0.614 mW/g ± 0.00 dB, SAR (10g): 0.413 mW/g ± 0.01 dB, (Worst-case extrapolation)
Coarse: Dx = 12.0, Dy = 12.0, Dz = 12.0
Powerdrift: -0.14 dB



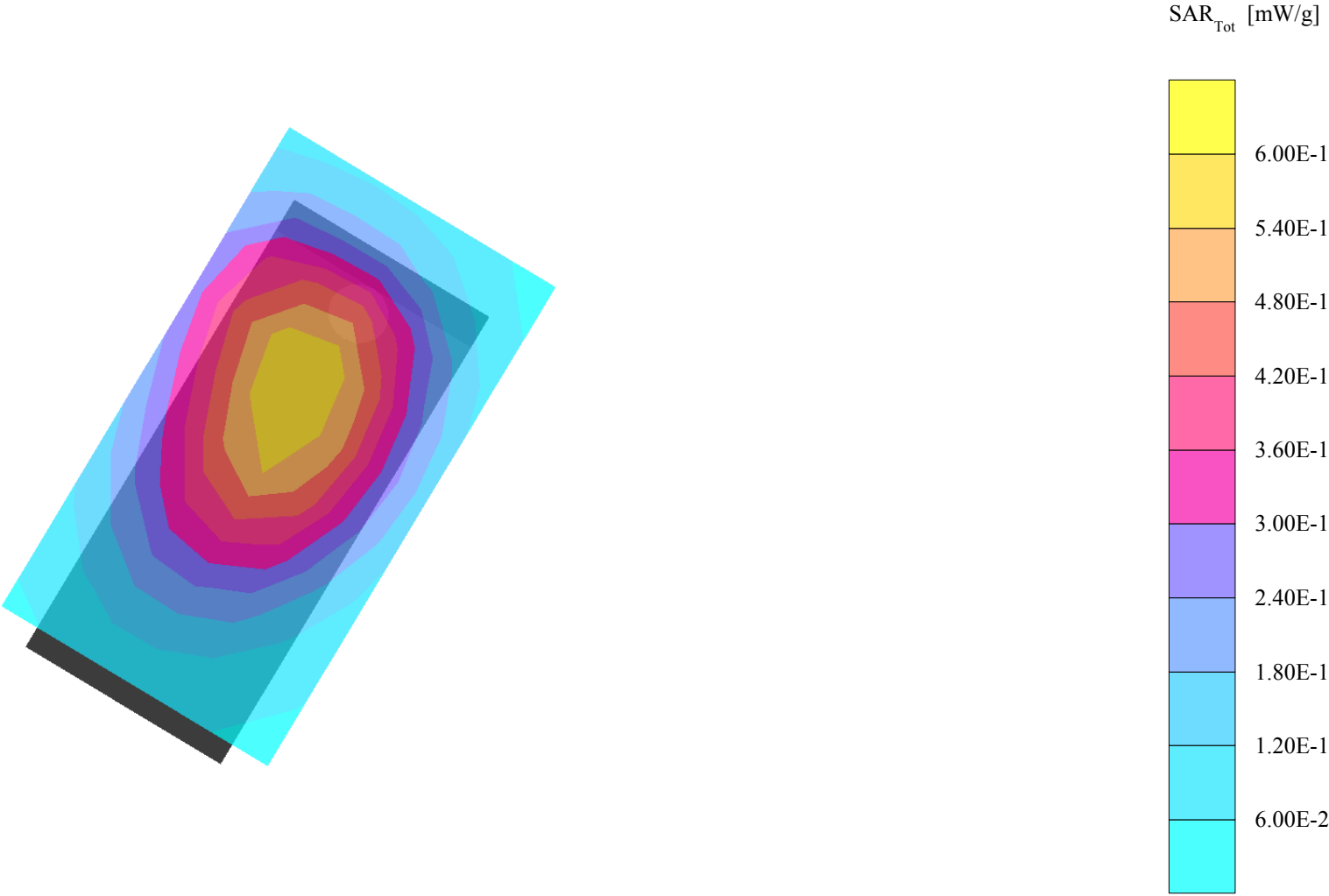
PY7A1041021

SAM 3 Phantom; Righ Hand Section; Position: (95°,301°); Frequency: 824 MHz
Probe: ET3DV6 - SN1582; ConvF(7.11,7.11,7.11); Crest factor: 8.0; Head 825-915MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 42.1$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.888 mW/g, SAR (10g): 0.602 mW/g, (Worst-case extrapolation)
Coarse: Dx = 12.0, Dy = 12.0, Dz = 12.0
Powerdrift: -0.08 dB
PY7A1041021,S/N:F6100002NE;frequevcy 824.2MHz(ch128), Right Hand Side,Cheek
(95°) Phone Position, meas. Power=33dBm, Nom.Power=33dBm; ambien temprature
24(c-degree)and humidity 50%,Date:050527



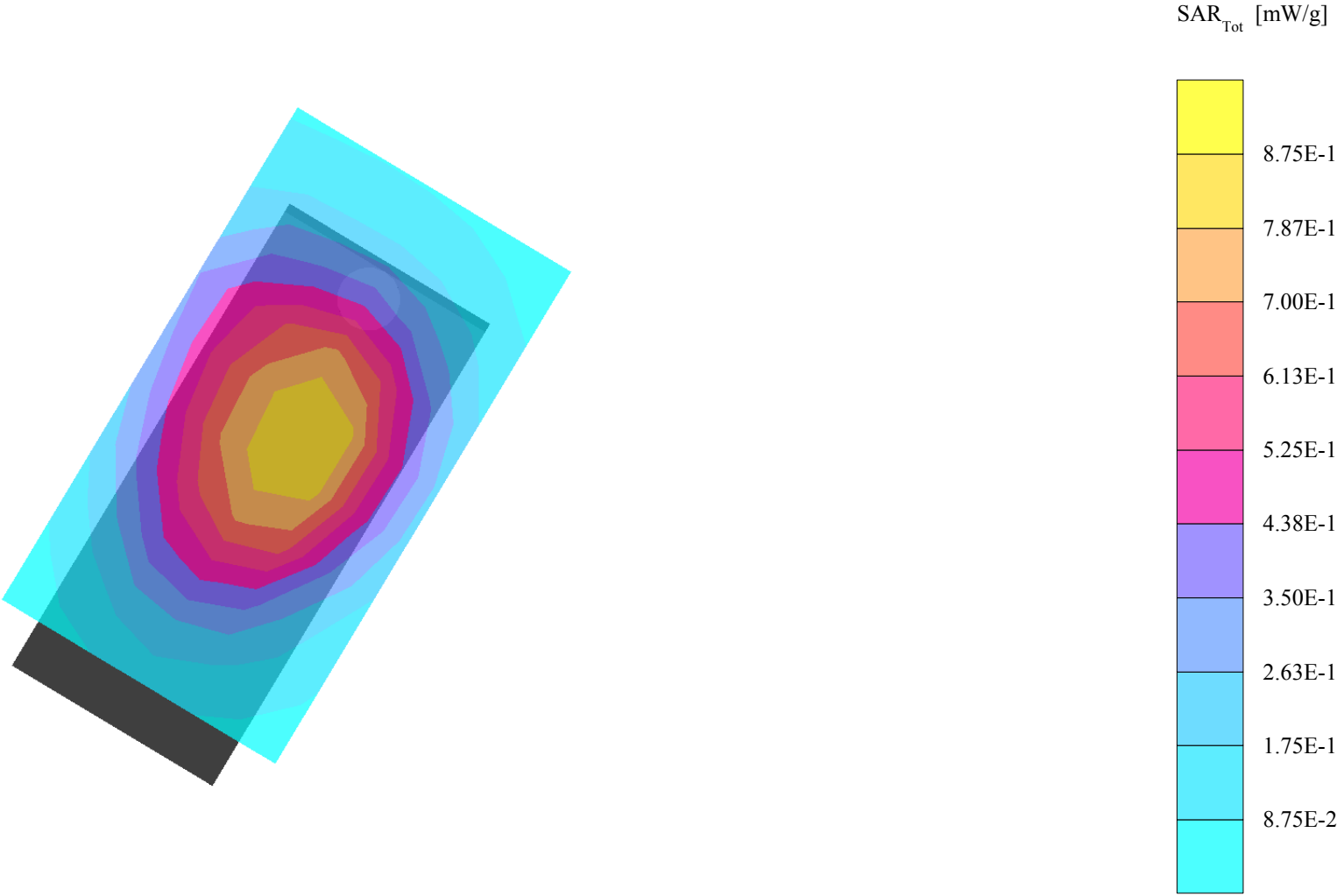
PY7A1041021

SAM 3 Phantom; Left Hand Section; Position: (110°,59°); Frequency: 837 MHz
Probe: ET3DV6 - SN1582; ConvF(7.11,7.11,7.11); Crest factor: 8.0; Head 825-915MHz: $\sigma = 0.89$ mho/m $\epsilon_r = 42.1$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.566 mW/g, SAR (10g): 0.393 mW/g, (Worst-case extrapolation)
Coarse: Dx = 12.0, Dy = 10.0, Dz = 10.0
Powerdrift: -0.00 dB
PY7A1041021,S/N:F6100002NE;frequevcy 836.60MHz(ch190), Left Hand Side,Tilt
(95°) Phone Position, meas. Power=32.9dBm, Nom.Power=33dBm; ambien temprature
24(c-degree)and humidity 50%,Date:050530



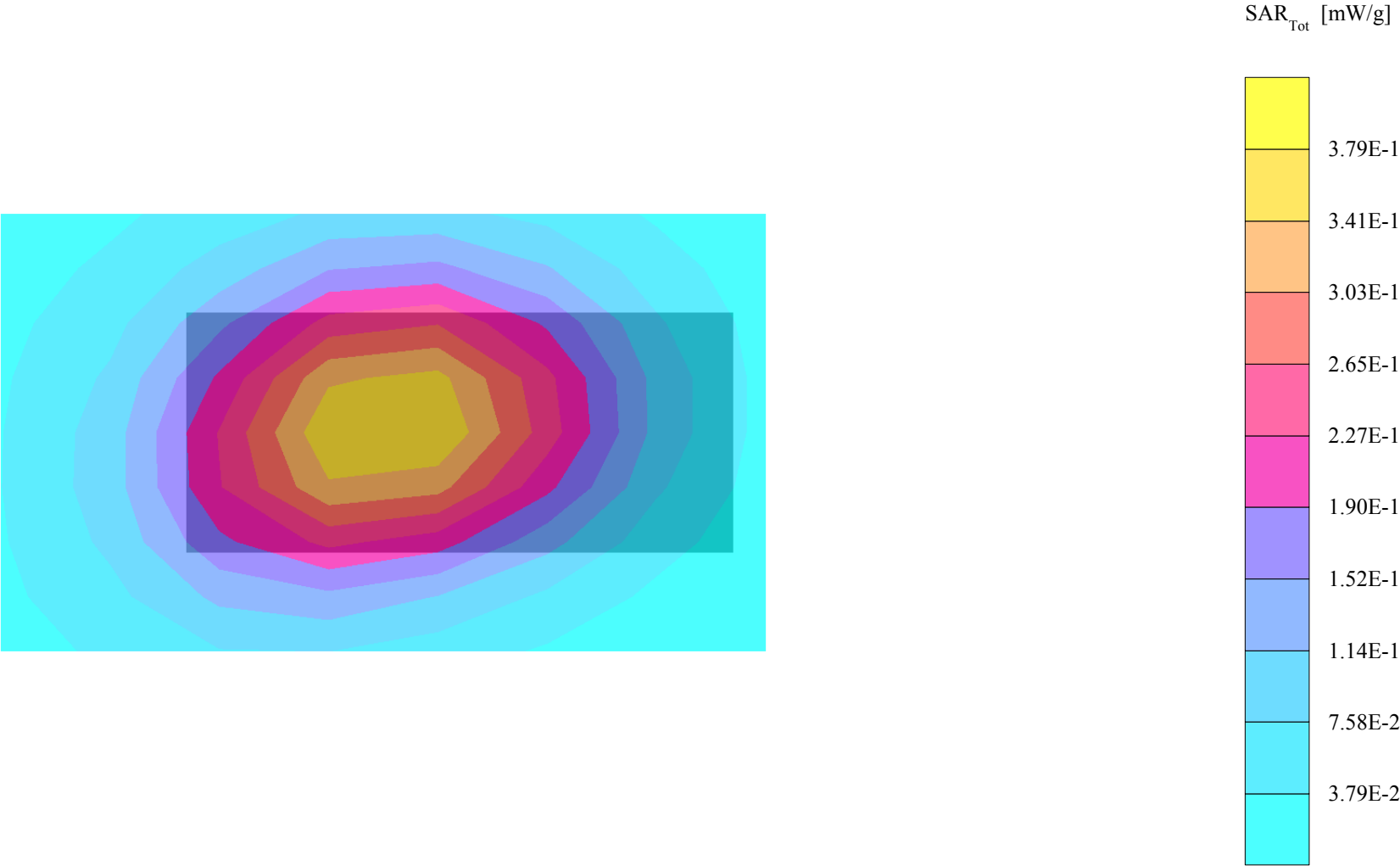
PY7A1041021

SAM 3 Phantom; Left Hand Section; Position: (95°,59°); Frequency: 824 MHz
Probe: ET3DV6 - SN1582; ConvF(7.11,7.11,7.11); Crest factor: 8.0; Head 825-915MHz: $\sigma = 0.89$ mho/m $\epsilon_r = 42.1$ $\rho = 1.00$ g/cm³
Cubes (2): SAR (1g): 0.820 mW/g $\pm$ 0.03 dB, SAR (10g): 0.563 mW/g $\pm$ 0.01 dB, (Worst-case extrapolation)
Coarse: Dx = 12.0, Dy = 10.0, Dz = 10.0
Powerdrift: 0.22 dB
PY7A1041021,S/N:F6100002NE;frequevcy 824.2MHz(ch128),Left Hand Side,Cheek
(95°) Phone Position, meas. Power=33dBm, Nom.Power=33dBm; ambien temprature
24(c-degree)and humidity 50%,Date:050527



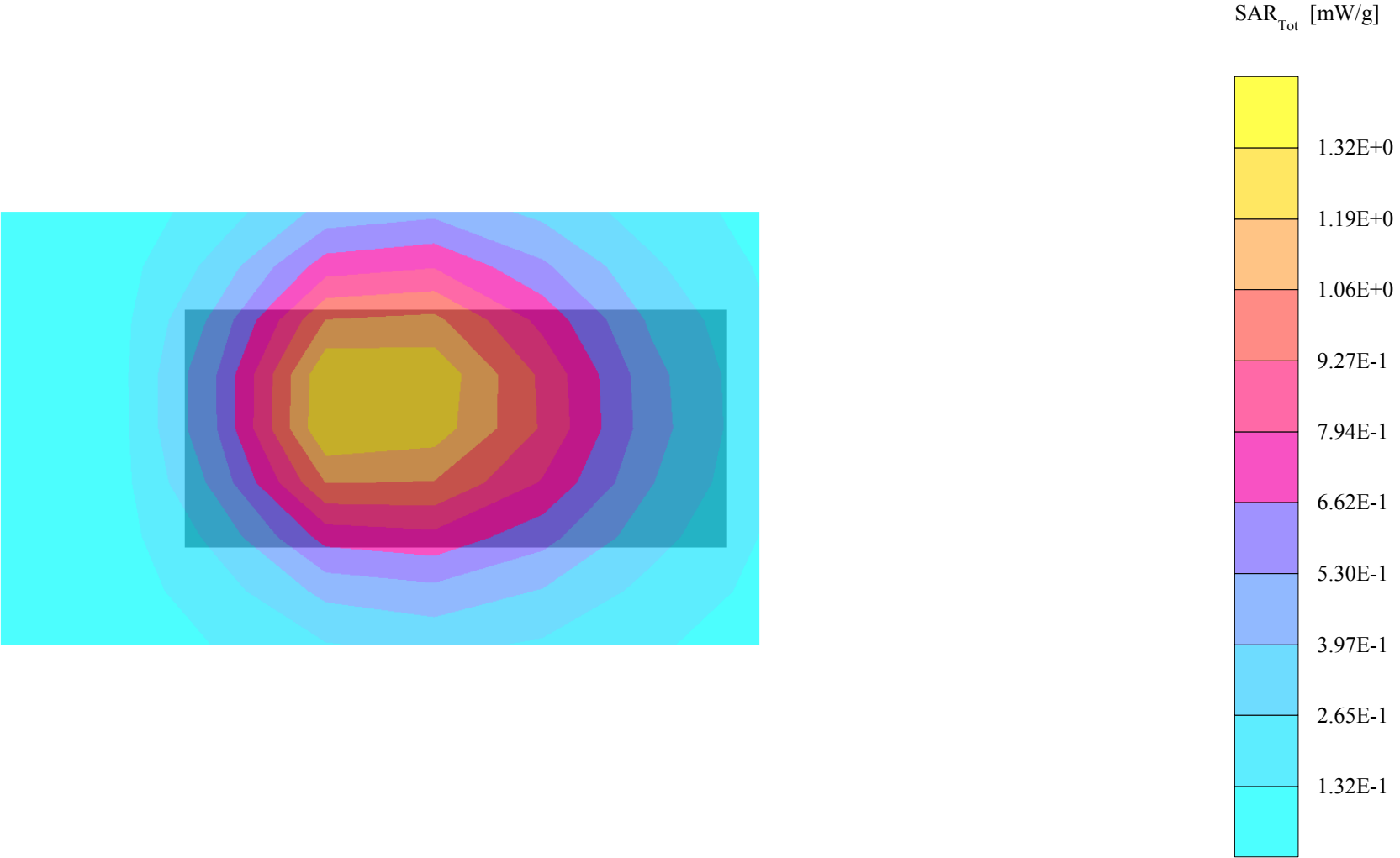
PY7A1041021

SAM 3 Phantom; Flat Section; Position: (270°,90°); Frequency: 824 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 8.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.370 mW/g, SAR (10g): 0.254 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.08 dB
PY7A1041021,S/N:FP6100002NE;frequevcy 824.2MHz(ch128),Front side Phone Position+15mm
distance from flat section of pantom, meas. Power=33dBm, Nom.Power=33dBm;
ambien temprature 23°C,and humidity 40%,Date:050602



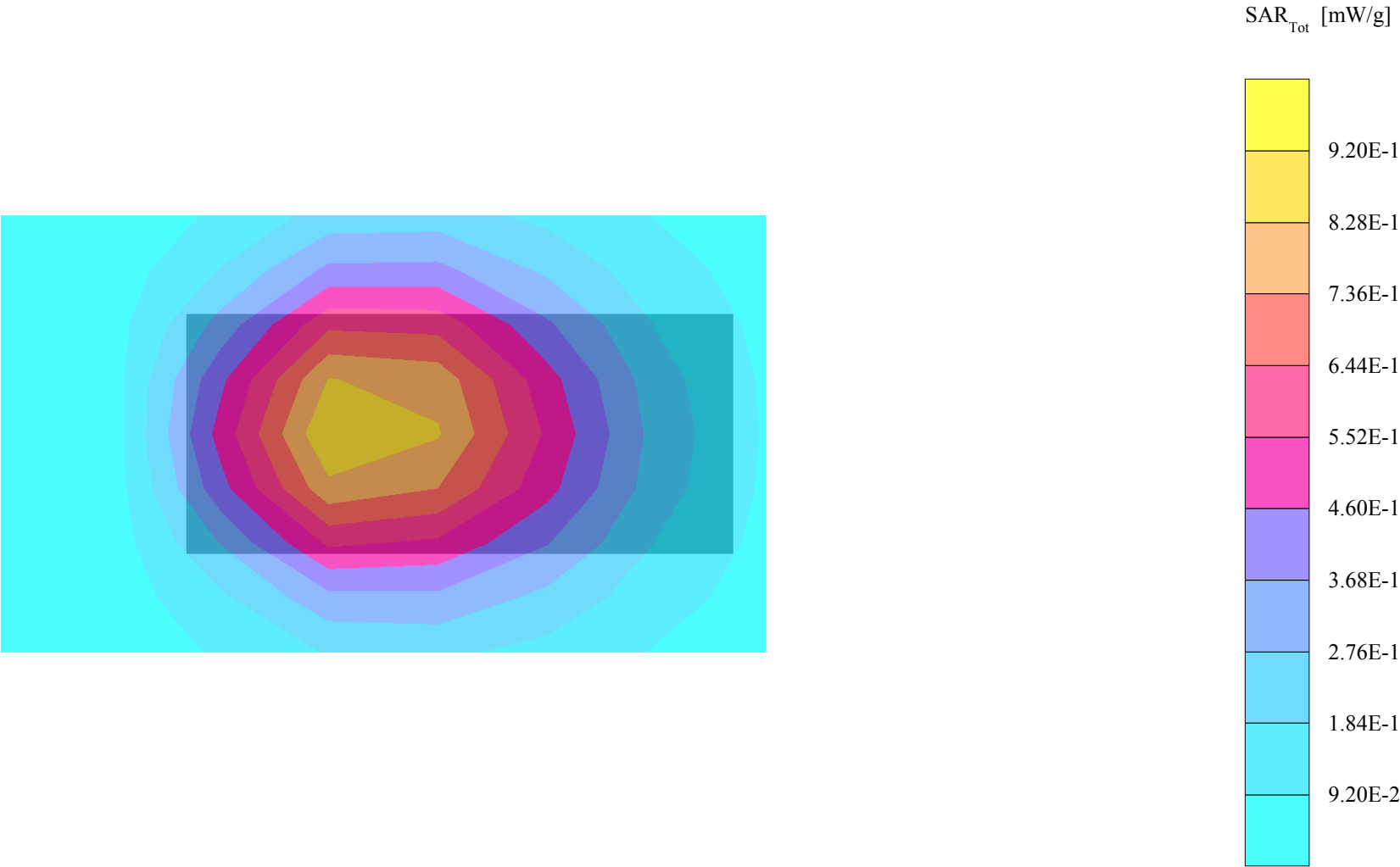
PY7A1041021

SAM 3 Phantom; Flat Section; Position: (270°,90°); Frequency: 824 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 4.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.30 mW/g, SAR (10g): 0.896 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.07 dB
PY7A1041021,S/N:FP6100002NE;frequevcy 824.2MHz(ch128),Back side Phone Position+15mm
distance from flat section of pantom, meas. Power=33dBm, Nom.Power=33dBm;
ambien temprature 23°C,and humidity 40%,Date:050602_GPRS Measurement



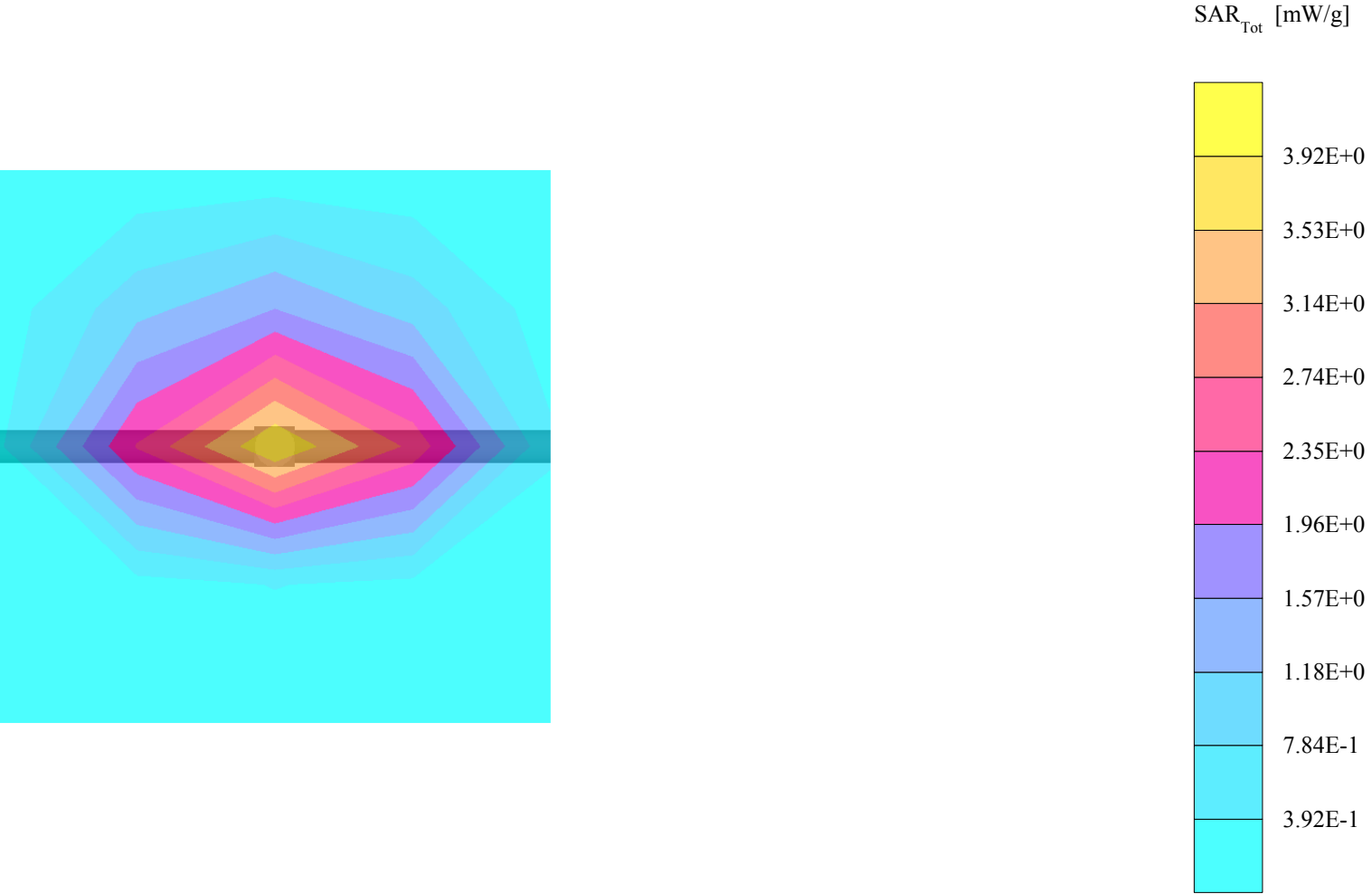
PY7A1041021

SAM 3 Phantom; Flat Section; Position: (270°,90°); Frequency: 824 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 8.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.855 mW/g, SAR (10g): 0.583 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.02 dB
PY7A1041021,S/N:FP6100002NE;frequevcy 824.2MHz(ch128),Back side Phone Position+15mm
distance from flat section of pantom, meas. Power=33dBm, Nom.Power=33dBm;
ambien temprature 23°C,and humidity 40%,Date:050602_



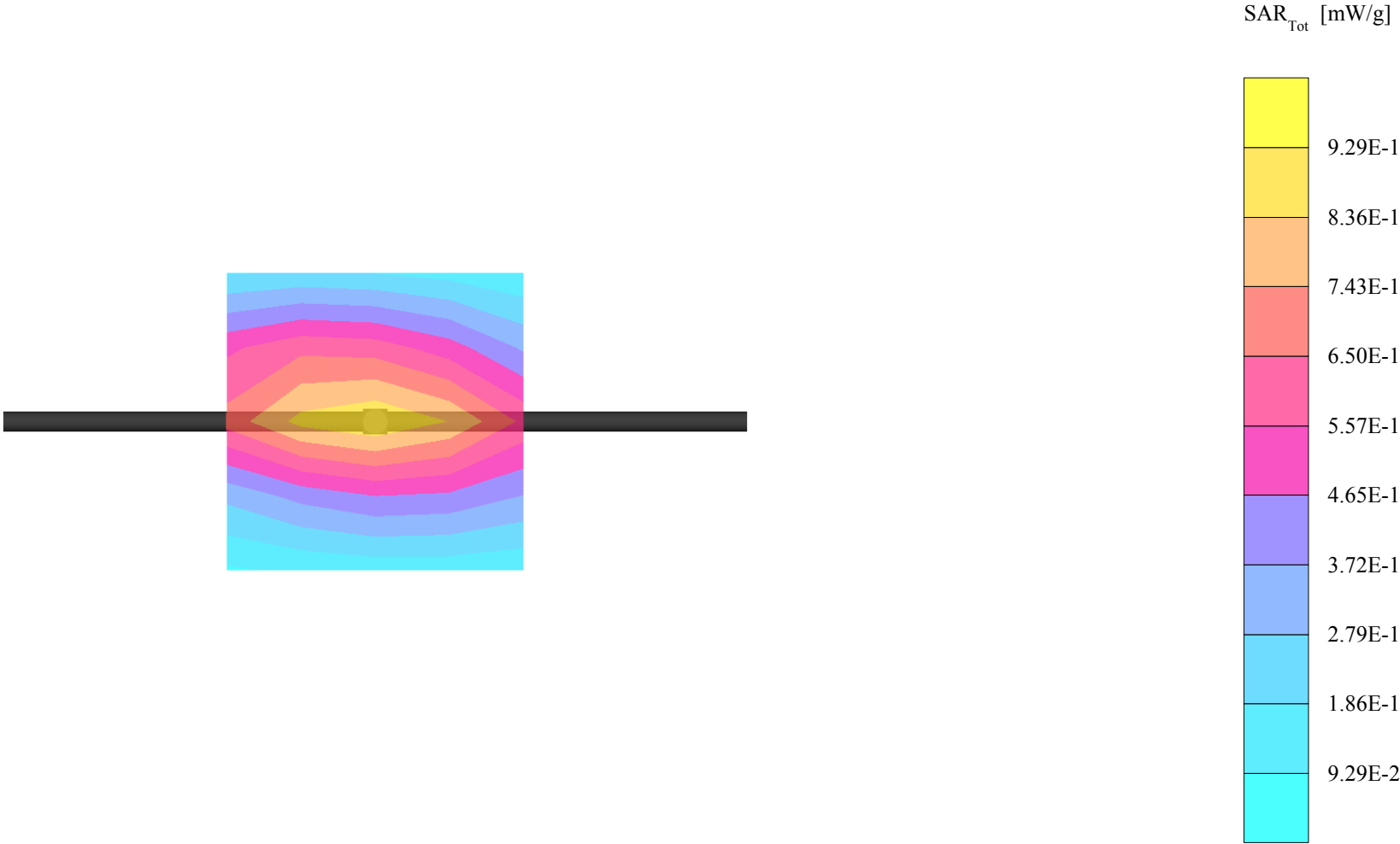
D1900 V2

SAM 4 Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1582; ConvF(4.68,4.68,4.68); Crest factor: 1.0; Muscle 1900: $\sigma = 1.53 \text{ mho/m}$ $\epsilon_r = 51.9$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 3.78 mW/g, SAR (10g): 1.98 mW/g, (Worst-case extrapolation)
Coarse: Dx = 17.0, Dy = 17.0, Dz = 17.0
Powerdrift: -0.09 dB
P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002
Target values: 1g mass 37.9mW/g, 10g mass 20mW/g
Measured values: 1g mass 37.8mW/g(-0,3%), 10g mass 19.8mW/g(-1%)
BODY LIQUID'S Temprature 22°C ; Room's Temprature 23°C,Humidity 40%



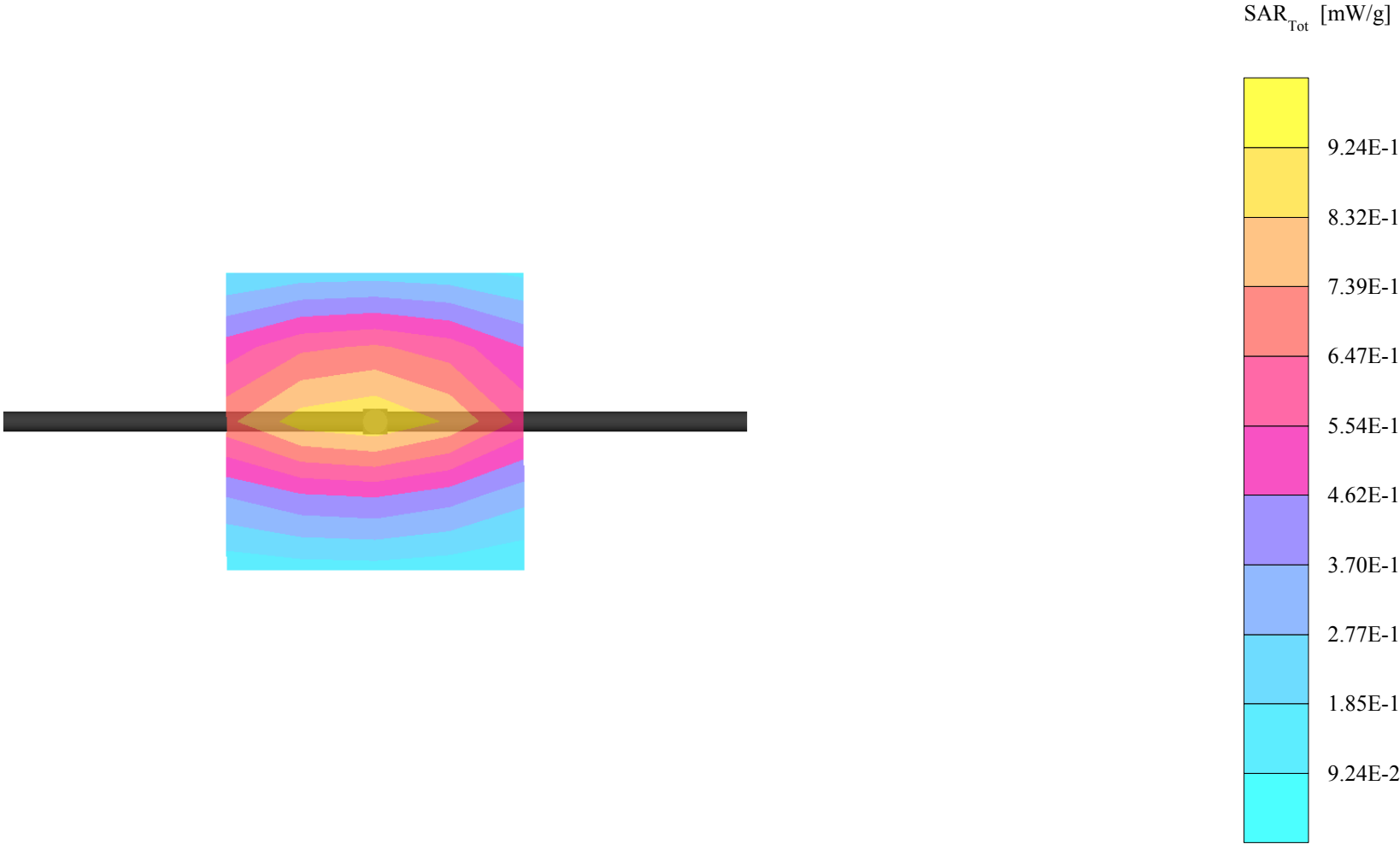
D835 V2

SAM 3 Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1582; ConvF(6.76,6.76,6.76); Crest factor: 1.0; Muscle 835-900 Mode: $\sigma = 1.00$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.907 mW/g, SAR (10g): 0.581 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.10 dB
P=100mW, d=15mm, 835MHz dipole D835V2 s/n 484
Target values: 1g mass 9.19mW/g, 10g mass 6.05mW/g
Measured values: 1g mass 9.07mW/g(-1.3%), 10g mass 5.81mW/g(-4%)
LIQUID'S Temprature 22C,Ambeint Temprature 24C ,humidity 40%



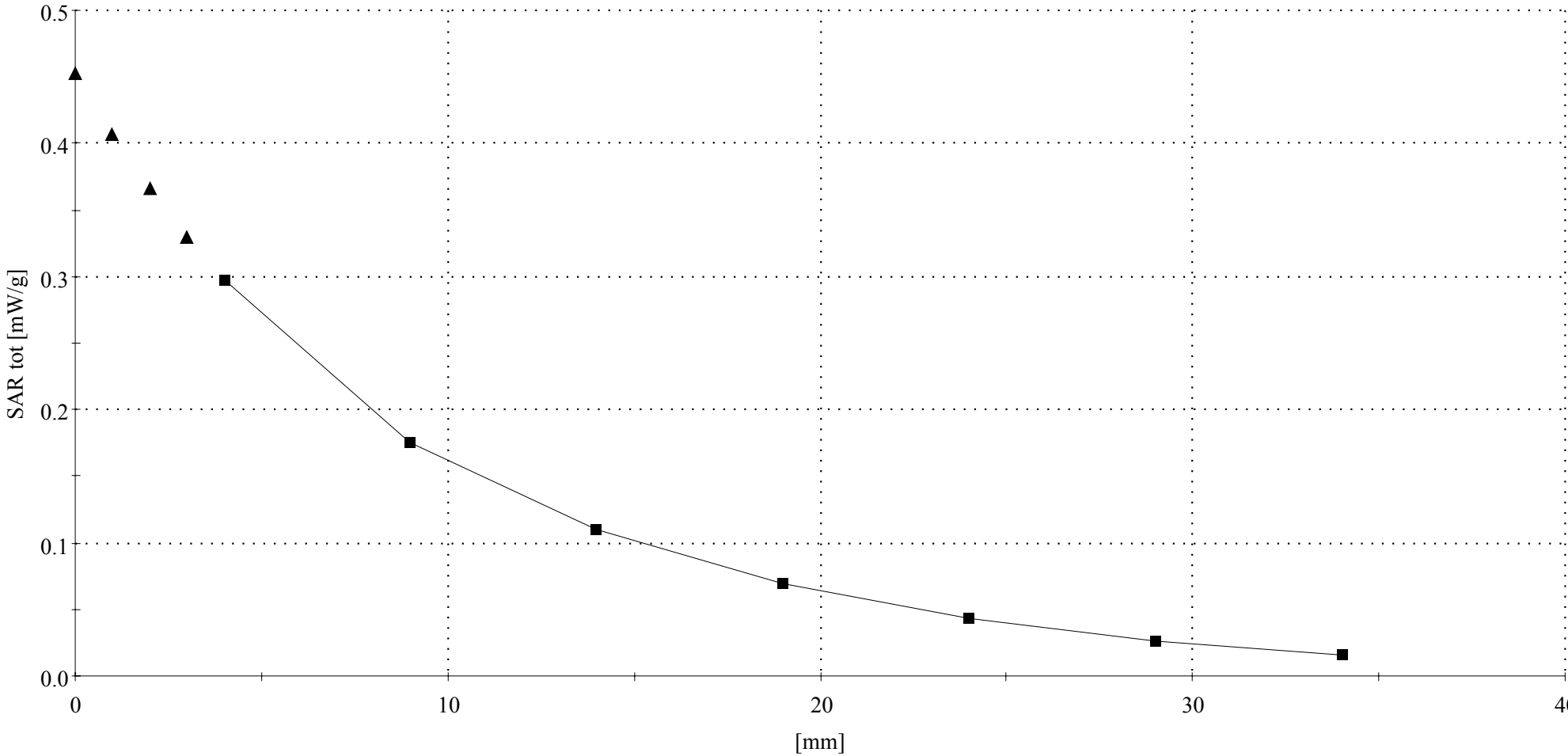
D835 V2

SAM 3 Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1582; ConvF(7.11,7.11,7.11); Crest factor: 1.0; Head 825-915MHz: $\sigma = 0.89 \text{ mho/m}$ $\epsilon_r = 42.1$ $\rho = 1.00 \text{ g/cm}^3$
Cubes (2): SAR (1g): $0.877 \text{ mW/g} \pm 0.01 \text{ dB}$, SAR (10g): $0.569 \text{ mW/g} \pm 0.02 \text{ dB}$, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.04 dB
P=100mW, d=15mm, 835MHz dipole D835V2 s/n 484
Target values: 1g mass 9.1 mW/g, 10g mass 5.96 mW/g
Measured values: 1g mass 8.79mW/g(-3.2%), 10g mass 5.71mW/g(-4.3%)
LIQUID'S Temprature 22C,Ambeint Temprature 24C ,humidity 50%



PY7A1041021

SAM 4 Phantom; Left Hand Section; Position: (95°,59°); Frequency: 1910 MHz
Probe: ET3DV6 - SN1582; ConvF(5.17,5.17,5.17); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.47$ mho/m $\epsilon_r = 38.0$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.493 mW/g, SAR (10g): 0.270 mW/g, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0



DASY4 Validation Report for Body TSL

Date/Time: 15.03.2005 15:20:32

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002

Communication System: CW-1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL 1900 MHz;

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(4.43, 4.43, 4.43); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 5.0; Type: QD000P50AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Pin = 250 mW; d = 10 mm/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.4 mW/g

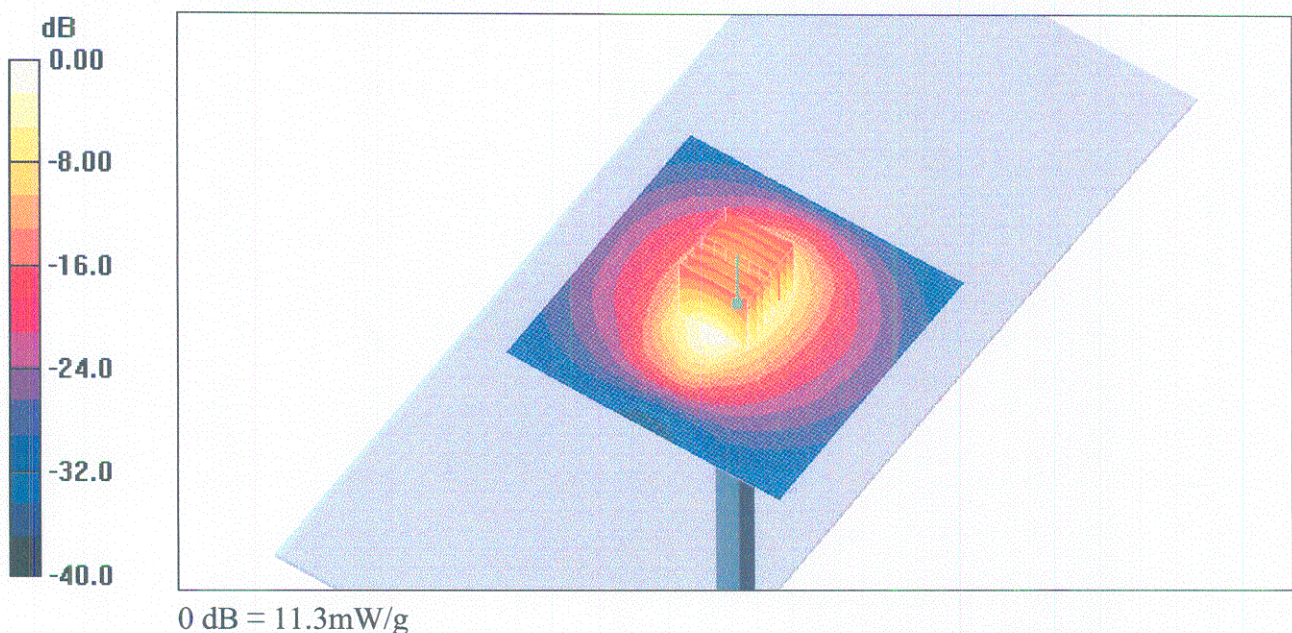
Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.3 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.23 mW/g

Maximum value of SAR (measured) = 11.3 mW/g



DASY4 Validation Report for Head TSL

Date/Time: 08.03.2005 10:35:22

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN484

Communication System: CW-835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL 835 MHz;

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(6.24, 6.24, 6.24); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 144

Pin = 250 mW; d = 15 mm/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.46 mW/g

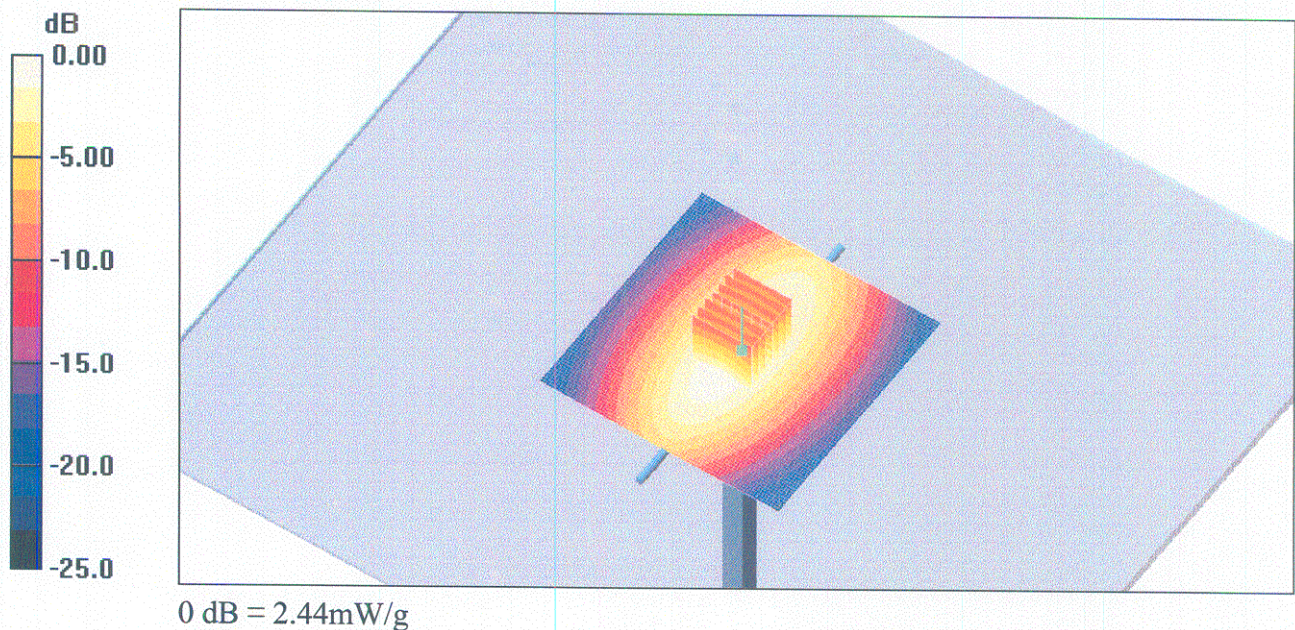
Pin = 250 mW; d = 15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.0 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 2.27 mW/g; SAR(10 g) = 1.49 mW/g

Maximum value of SAR (measured) = 2.44 mW/g



DASY4 Validation Report for Body TSL

Date/Time: 14.03.2005 10:51:59

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN484

Communication System: CW-835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: M900;

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(5.98, 5.98, 5.98); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Pin = 250 mW; d = 15 mm/Area Scan (81x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.57 mW/g

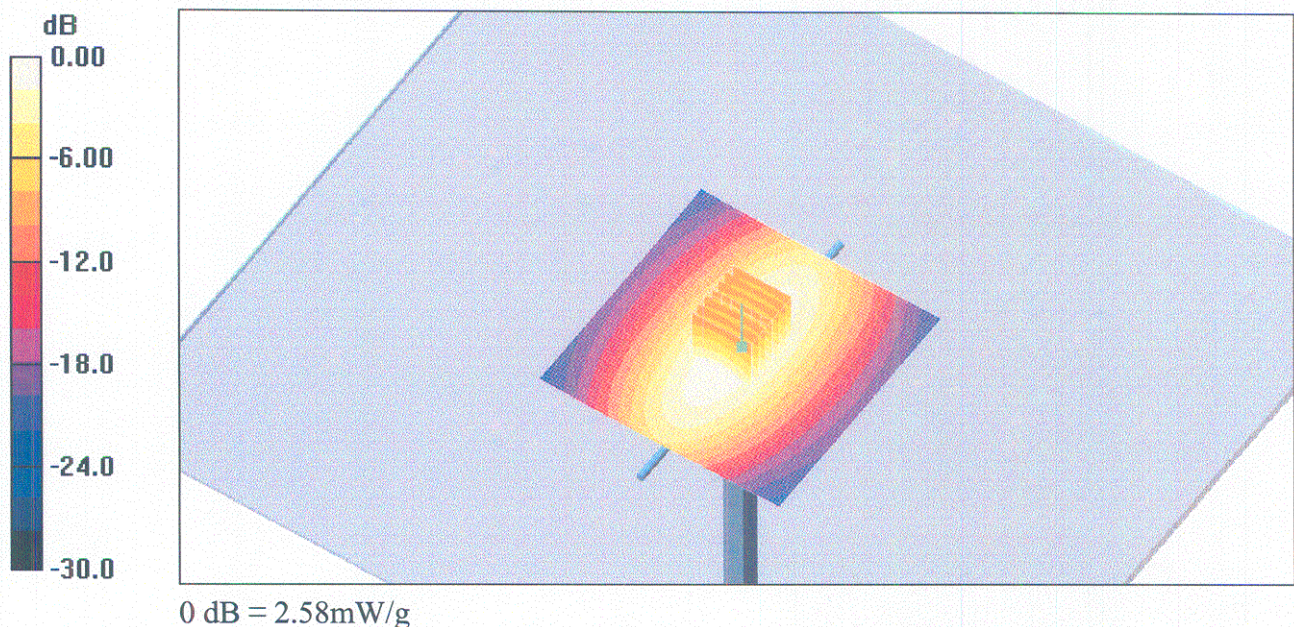
Pin = 250 mW; d = 15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 52.6 V/m ; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 2.37 mW/g ; SAR(10 g) = 1.56 mW/g

Maximum value of SAR (measured) = 2.58 mW/g



DASY4 Validation Report for Head TSL

Date/Time: 09.03.2005 15:20:45

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002

Communication System: CW-1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL 1900 MHz;

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1507; ConvF(4.96, 4.96, 4.96); Calibrated: 26.10.2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.01.2005
- Phantom: Flat Phantom 5.0; Type: QD000P50AA; Serial: 1001;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Pin = 250 mW; d = 10 mm/Area Scan (81x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.4 mW/g

Pin = 250 mW; d = 10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.4 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.15 mW/g

Maximum value of SAR (measured) = 11.0 mW/g

