

# D1900 V2

SAM 4 Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); Crest factor: 1.0; Head 1900MHz:  $\sigma = 1.40$  mho/m  $\epsilon_r = 39.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cubes (2): SAR (1g): 3.96 mW/g  $\pm 0.07$  dB, SAR (10g): 2.00 mW/g  $\pm 0.06$  dB, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 17.0

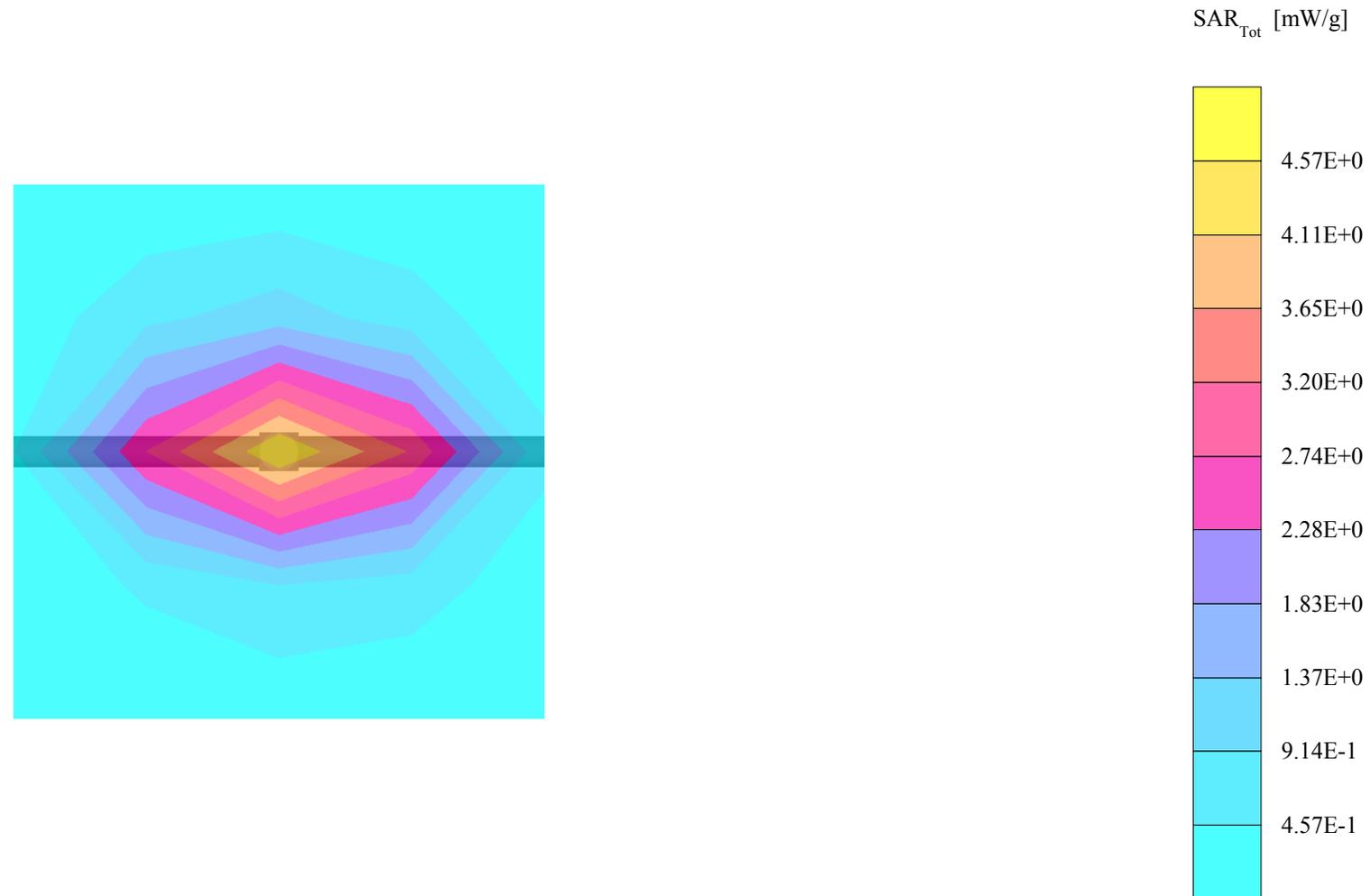
Powerdrift: -0.02 dB

P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002

Target values: 1g mass 39.2 mW/g, 10g mass 20.6 mW/g

Measured values: 1g mass 39.6mW/g(+1,0%), 10g mass 20.0mW/g(-2.9%)

LIQUID'S Temperature 22C, Ambeint Temperature 24C ,humidity36%



# D1900 V2

SAM 4 Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); Crest factor: 1.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 3.97 mW/g, SAR (10g): 2.03 mW/g, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 17.0

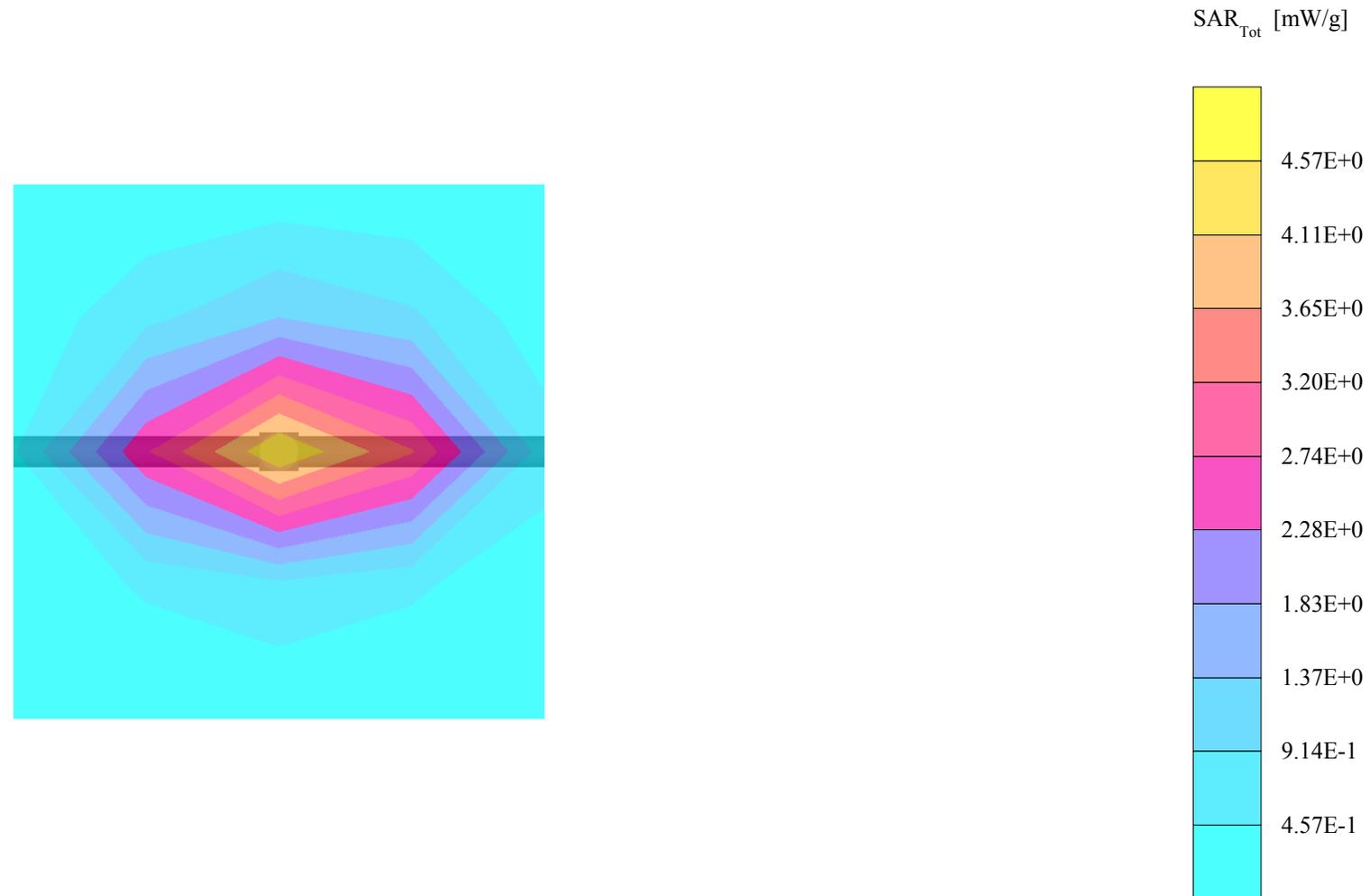
Powerdrift: -0.01 dB

P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002

Target values: 1g mass 39.2 mW/g, 10g mass 20.16mW/g

Measured values: 1g mass 39.7mW/g(+1.3%), 10g mass 20.0mW/g(-1.5%)

LIQUID'S Temperature 22C, Ambeint Temperature 24C ,humidity36%



# D1900 V2

SAM 4 Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); Crest factor: 1.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cubes (2): SAR (1g): 3.93 mW/g  $\pm 0.07$  dB, SAR (10g): 2.01 mW/g  $\pm 0.07$  dB, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 17.0

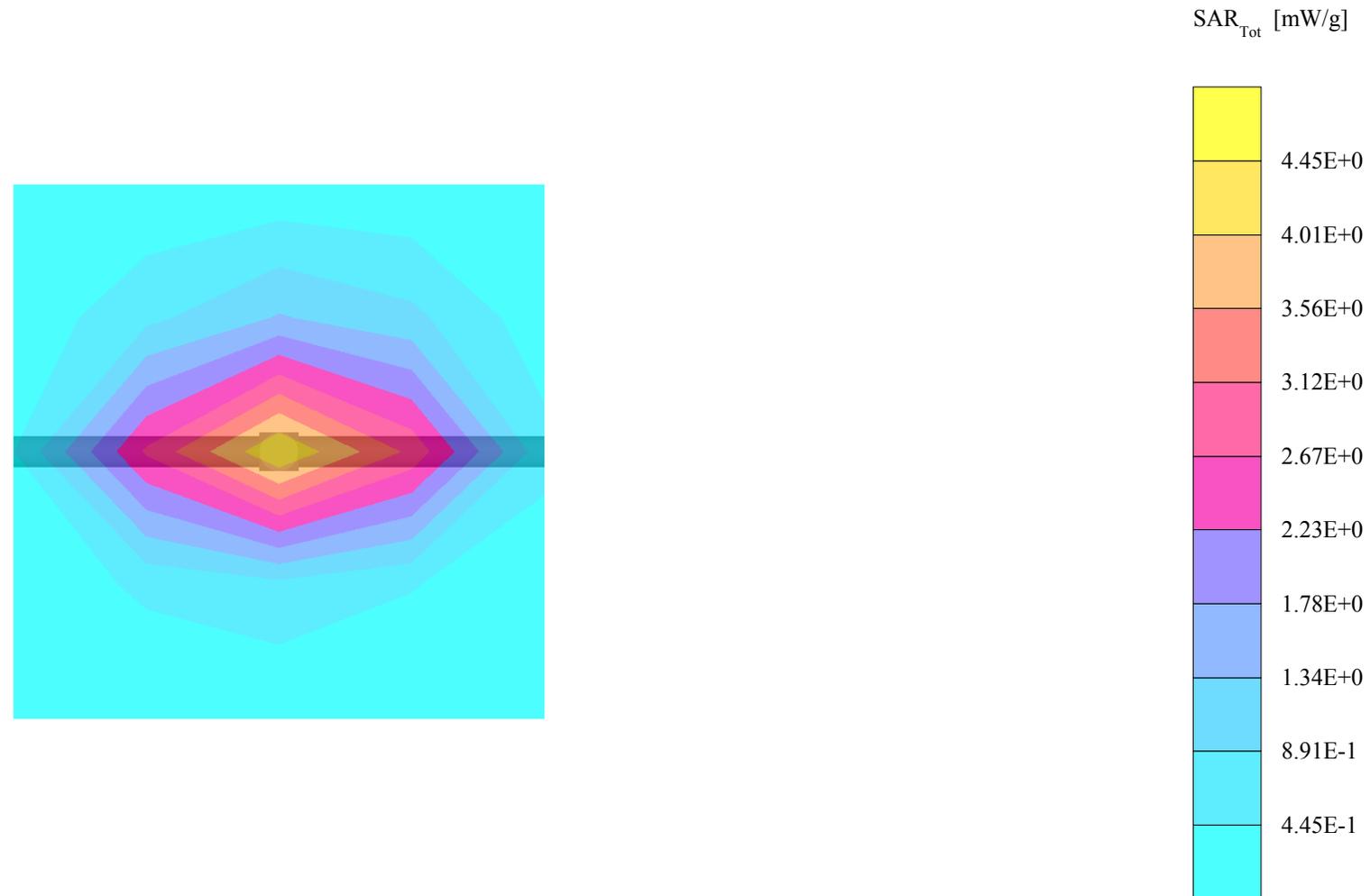
Powerdrift: -0.02 dB

P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002

Target values: 1g mass 39.2 mW/g, 10g mass 20.6 mW/g

Measured values: 1g mass 39.3mW/g(+0.3%), 10g mass 20.1mW/g(-2.4%)

LIQUID'S Temperature 22C, Ambeint Temperature 24C ,humidity36%



# D1900 V2

SAM 4 Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 1.0; Muscle 1900:  $\sigma = 1.56$  mho/m  $\epsilon_r = 51.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 4.13 mW/g, SAR (10g): 2.10 mW/g, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 17.0

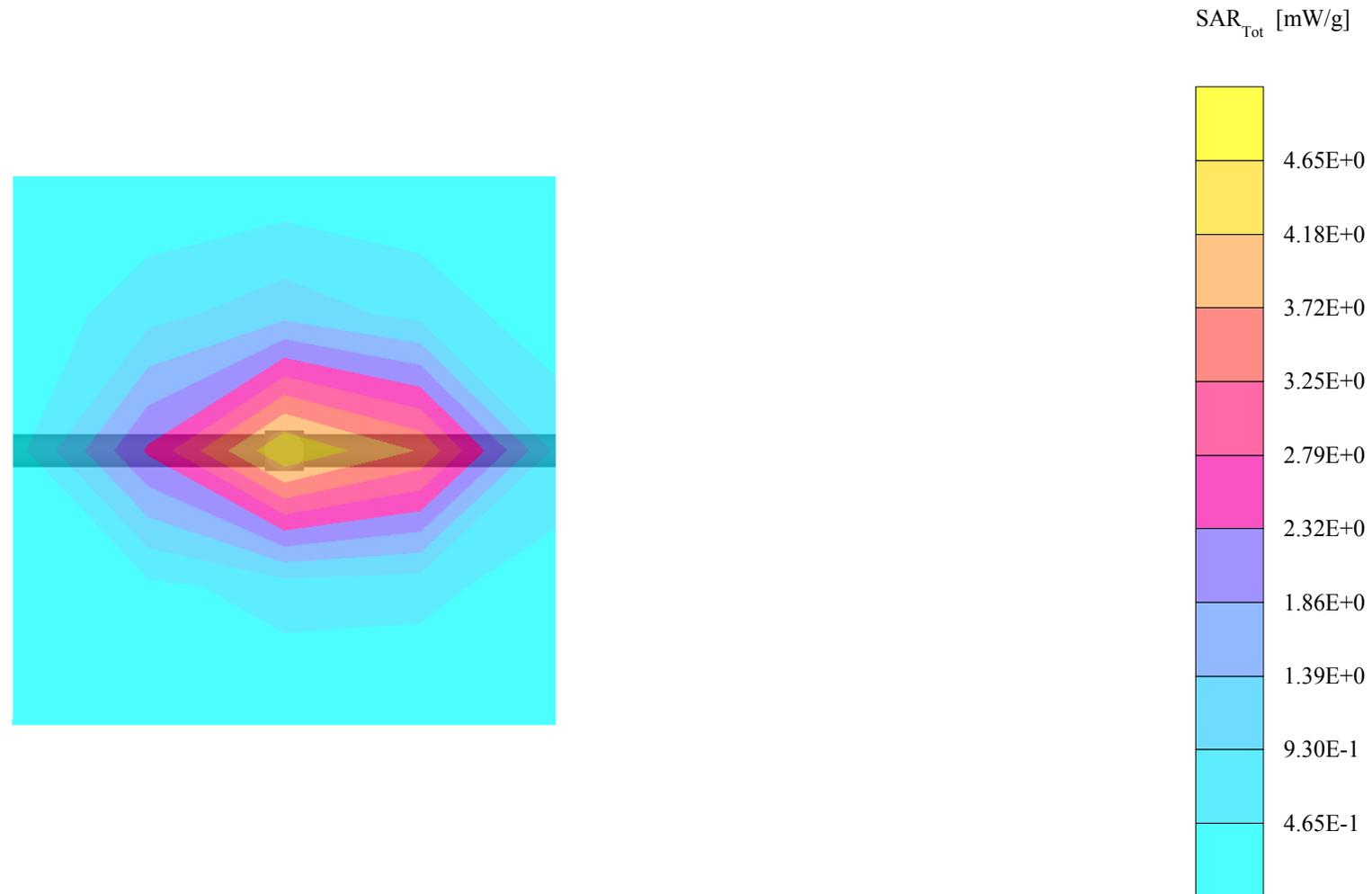
Powerdrift: 0.00 dB

P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002

Target values: 1g mass 39.6mW/g, 10g mass 20.9mW/g

Measured values: 1g mass 41.3mW/g(+4,3%), 10g mass 21.0mW/g(+0.5%)

BODY LIQUID'S Temperature 22°C ; Room's Temperature 23°C, Humidity 40%



# D1900 V2

SAM 4 Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 1.0; Muscle 1900:  $\sigma = 1.52$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cubes (2): SAR (1g): 4.06 mW/g  $\pm 0.07$  dB, SAR (10g): 2.10 mW/g  $\pm 0.05$  dB, (Worst-case extrapolation)

Coarse: Dx = 17.0, Dy = 17.0, Dz = 17.0

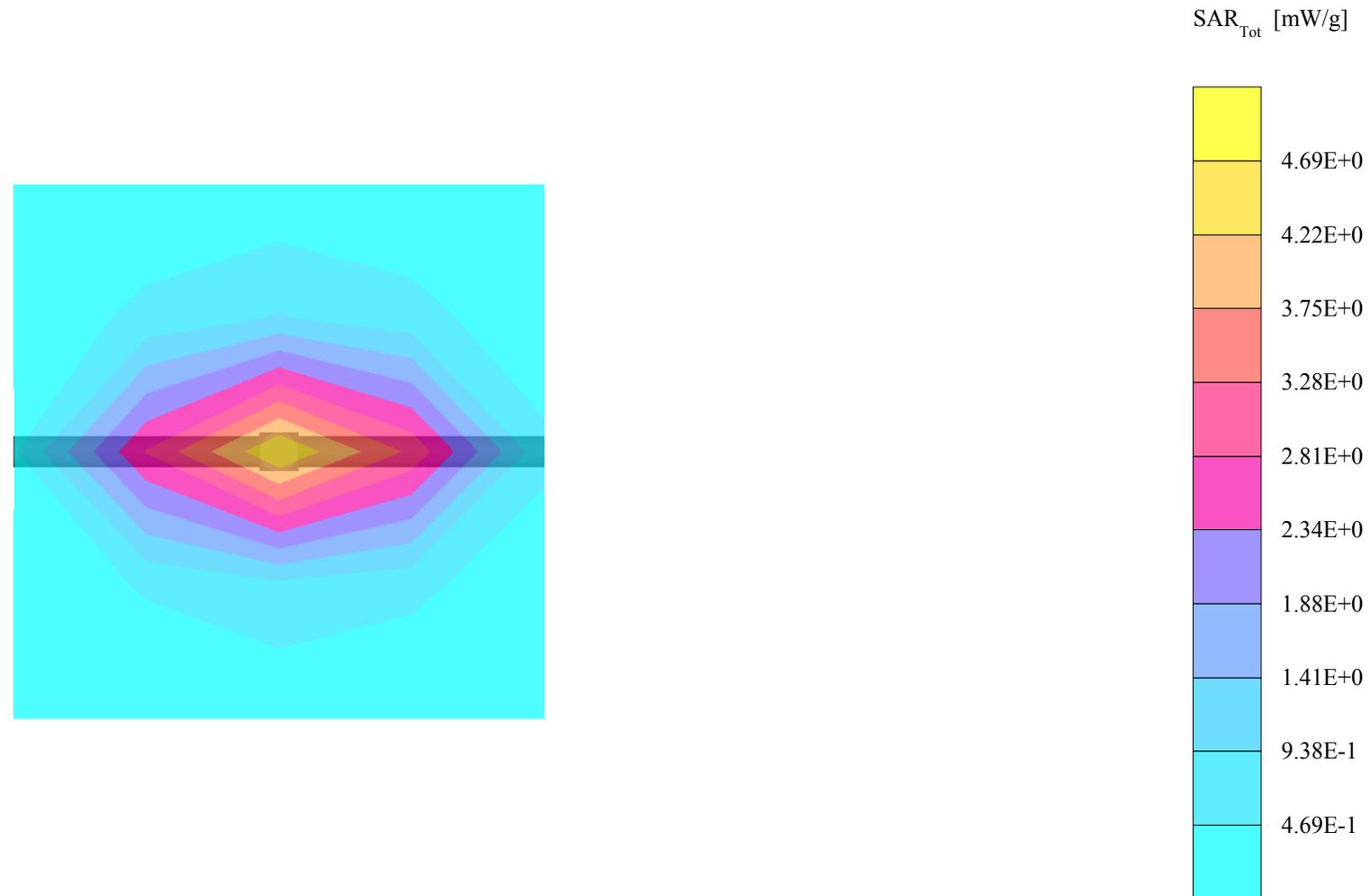
Powerdrift: -0.03 dB

P=100mW, d=10mm, 1900MHz dipol D1900V2 s/n 5d002

Target values: 1g mass 39.6mW/g, 10g mass 20.9mW/g

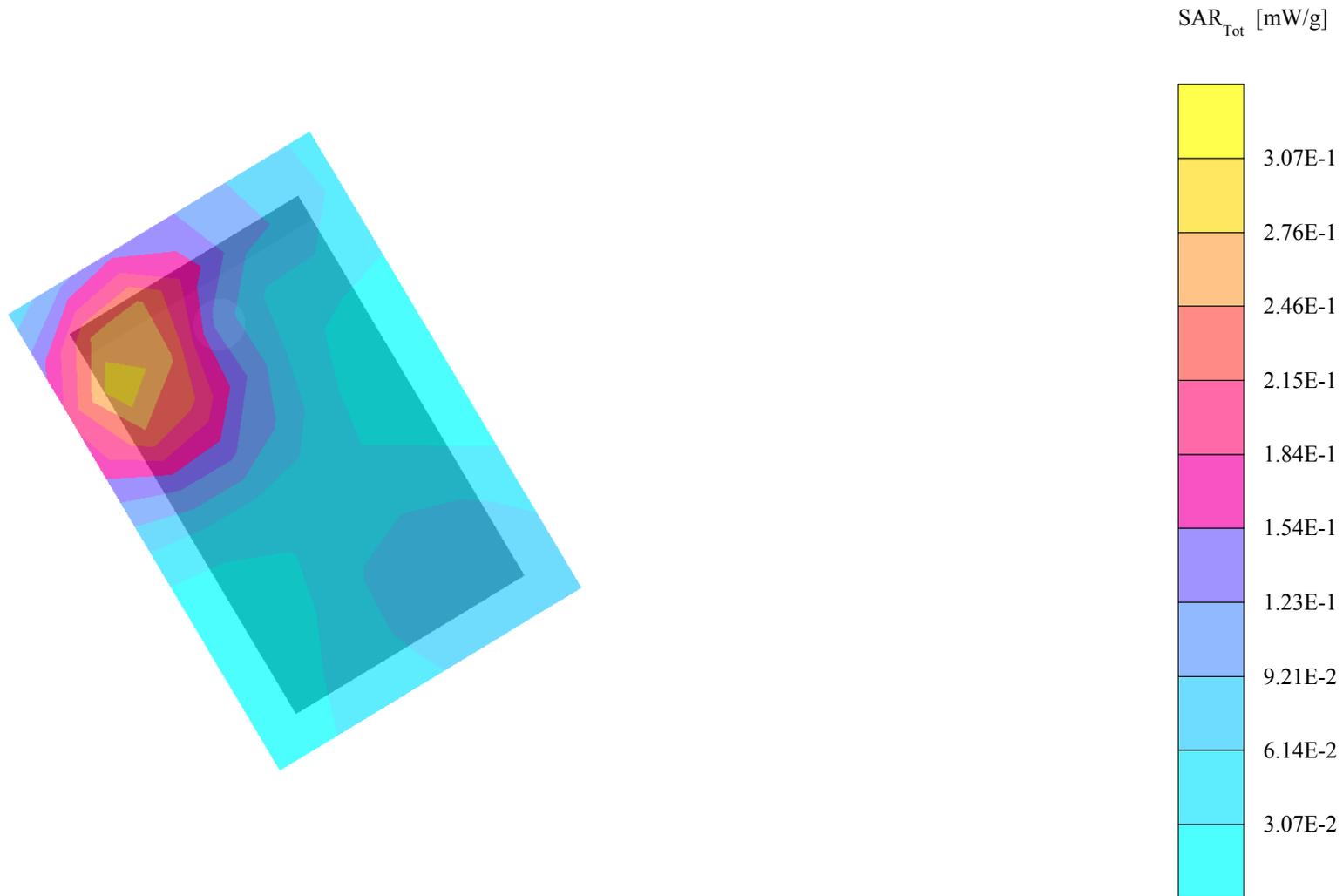
Measured values: 1g mass 40.6mW/g(+2,5%), 10g mass 21.0mW/g(+0.5%)

BODY LIQUID'S Temperature 22°C ; Room's Temperature 23°C, Humidity 40%



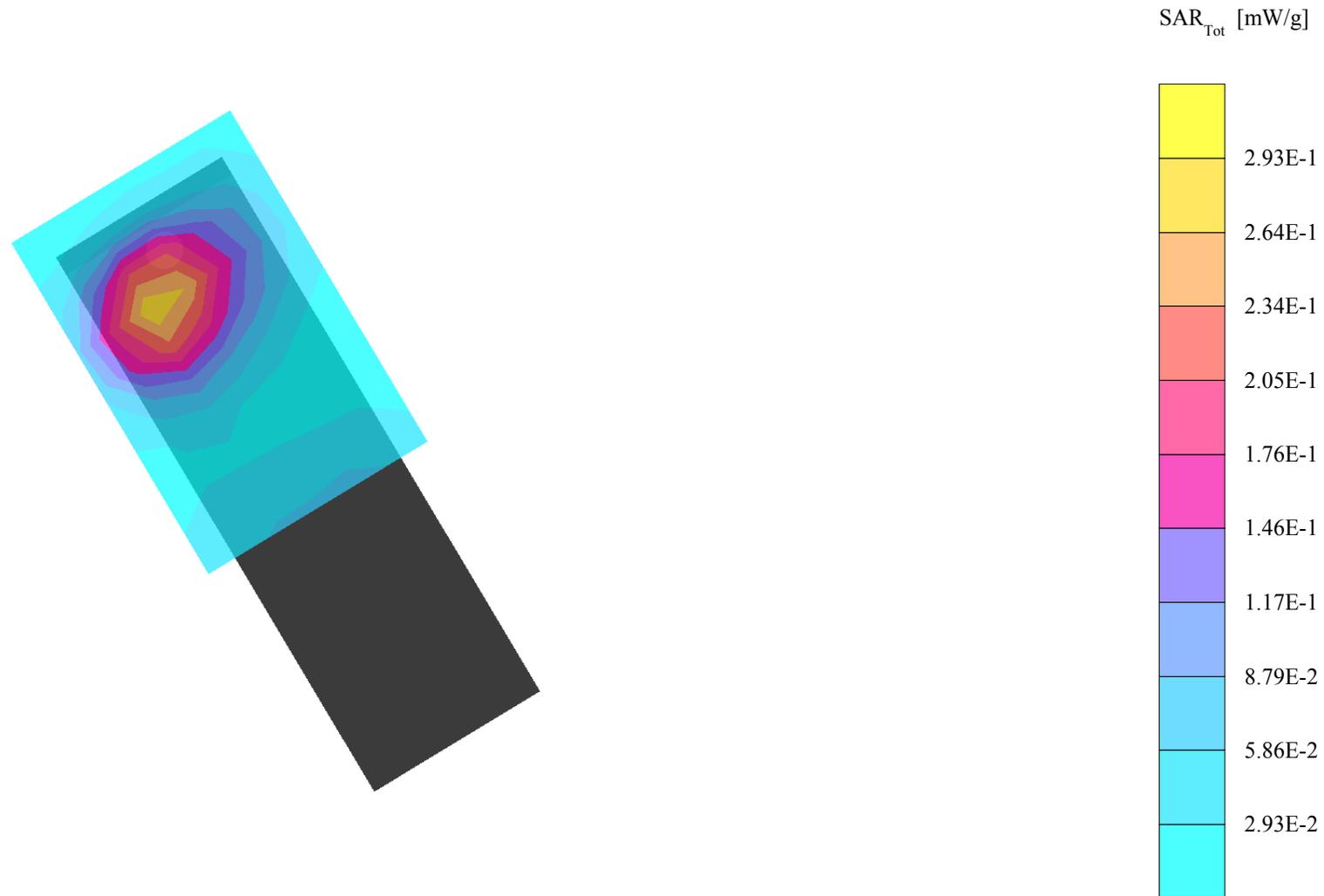
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.281 mW/g, SAR (10g): 0.156 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: -0.01 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1850MHz(ch512), Right Hand Side,  
Tilt(105°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050801;Phone in close state.



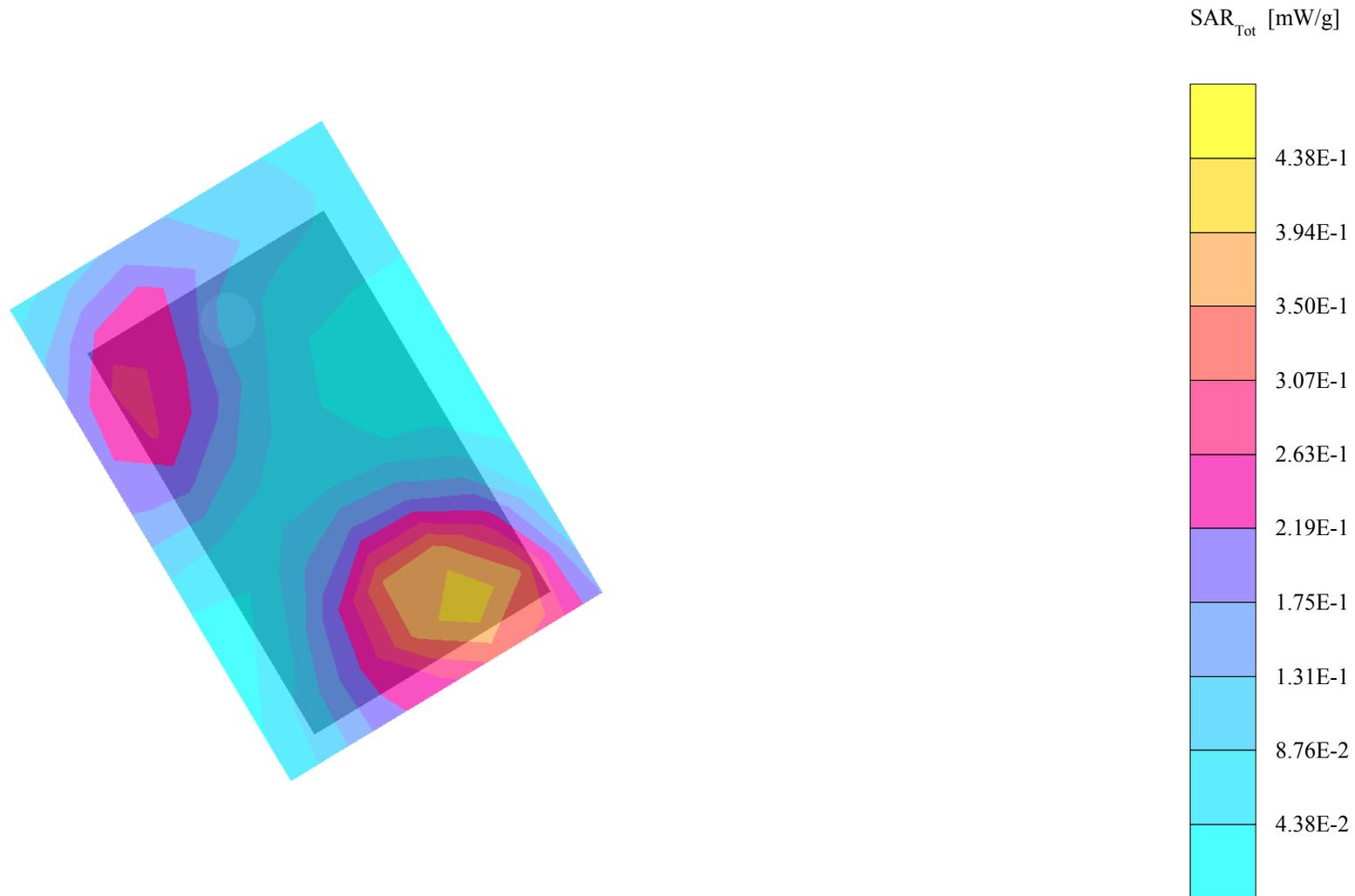
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.291 mW/g, SAR (10g): 0.165 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: 0.03 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1850MHz(ch512), Right Hand Side,  
Tilt(105°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050728



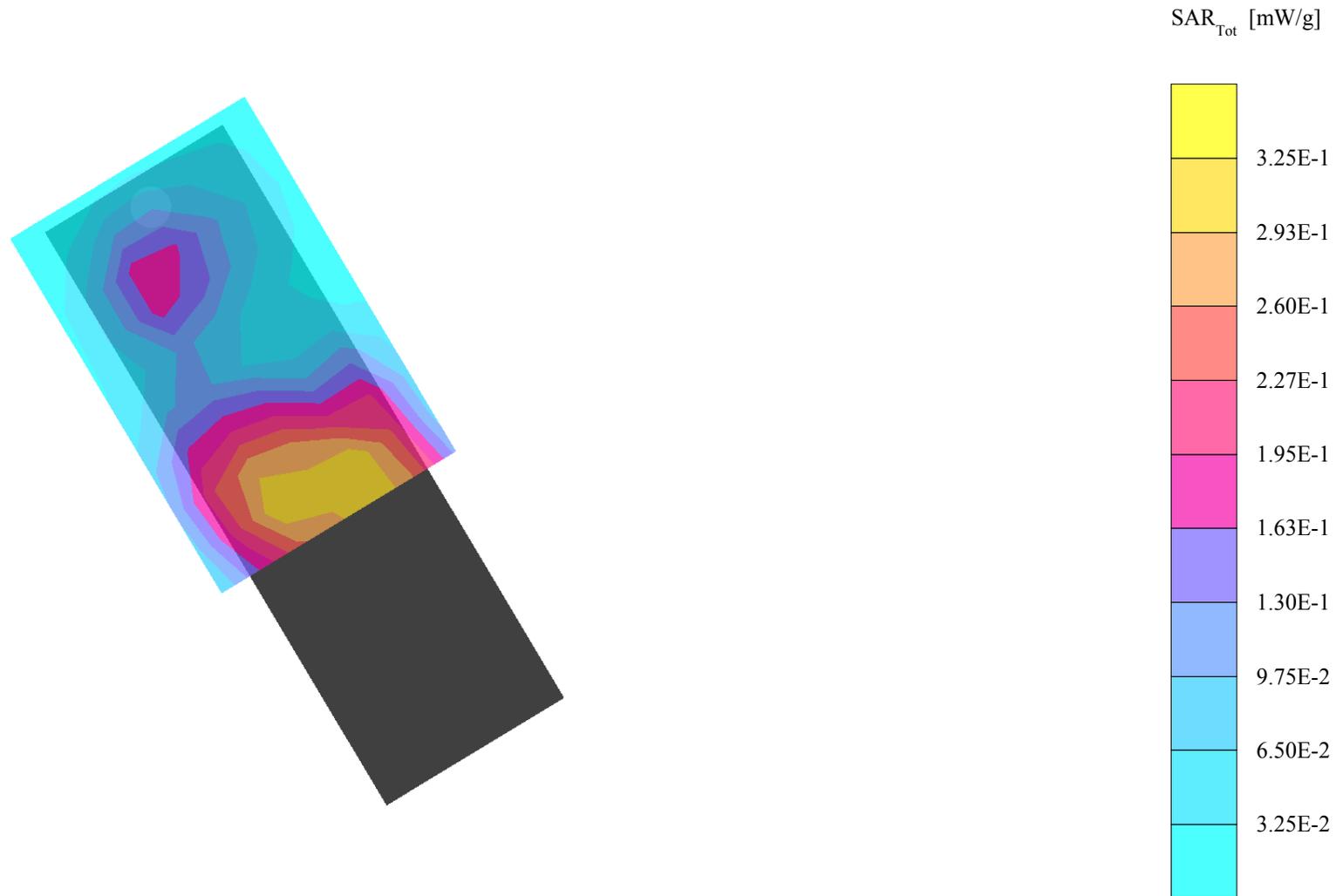
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.402 mW/g, SAR (10g): 0.245 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: 0.00 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1850MHz(ch512),Right Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050801;Phone in close state.



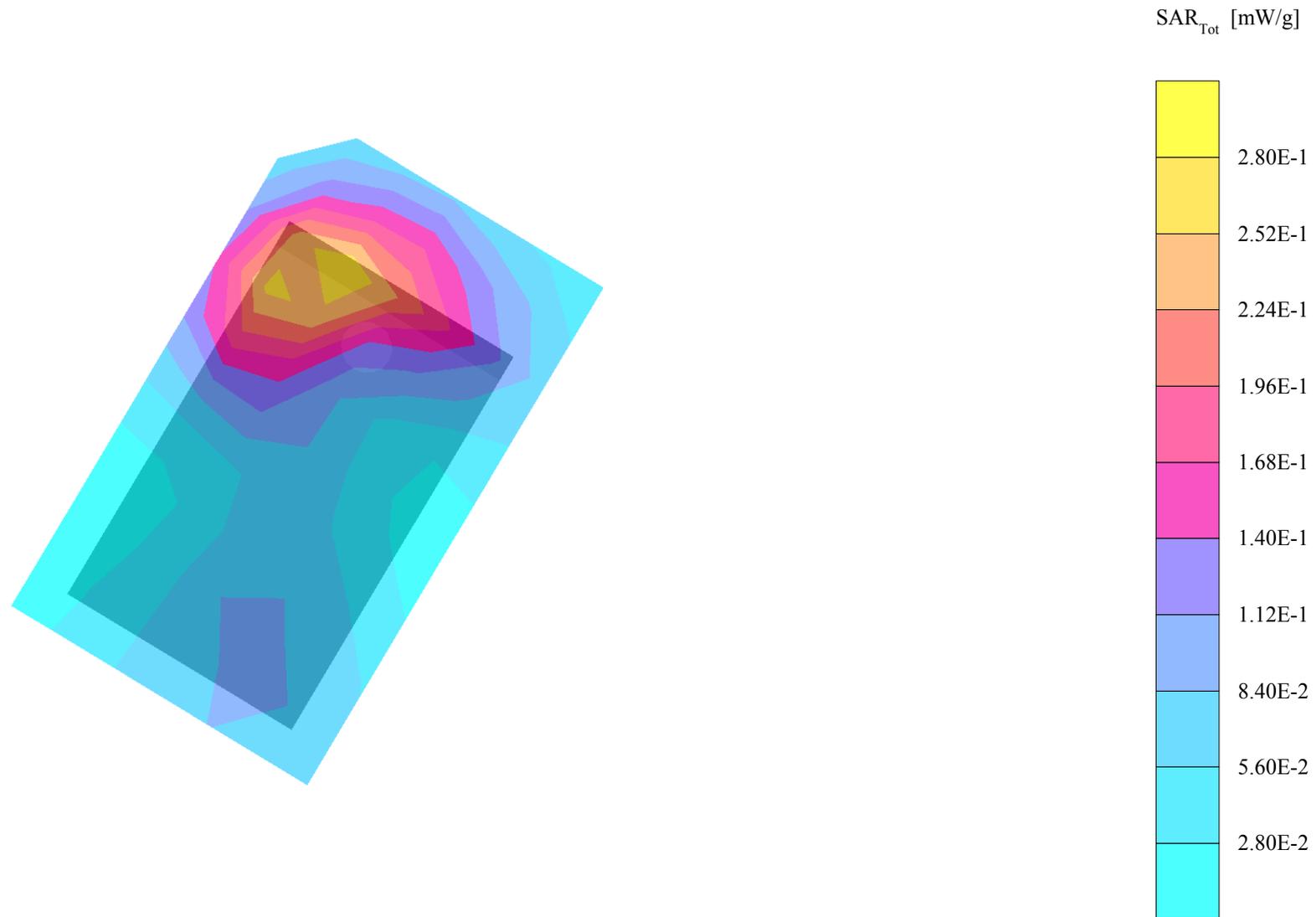
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.40$  mho/m  $\epsilon_r = 39.4$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.311 mW/g, SAR (10g): 0.190 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: 0.00 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1850MHz(ch512), Right Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050728



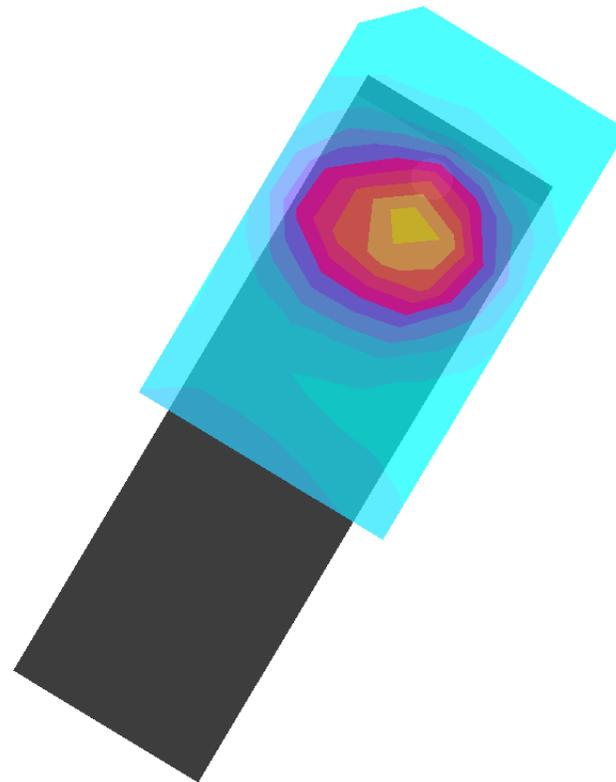
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.263 mW/g, SAR (10g): 0.149 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: -0.06 dB

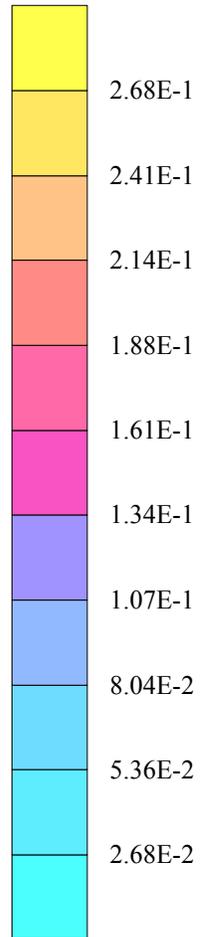


# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.243 mW/g, SAR (10g): 0.146 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: 0.01 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Left Hand Side,  
Tilt(105°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temperature  
23(c-degree)and humidity 40%,Date:050729

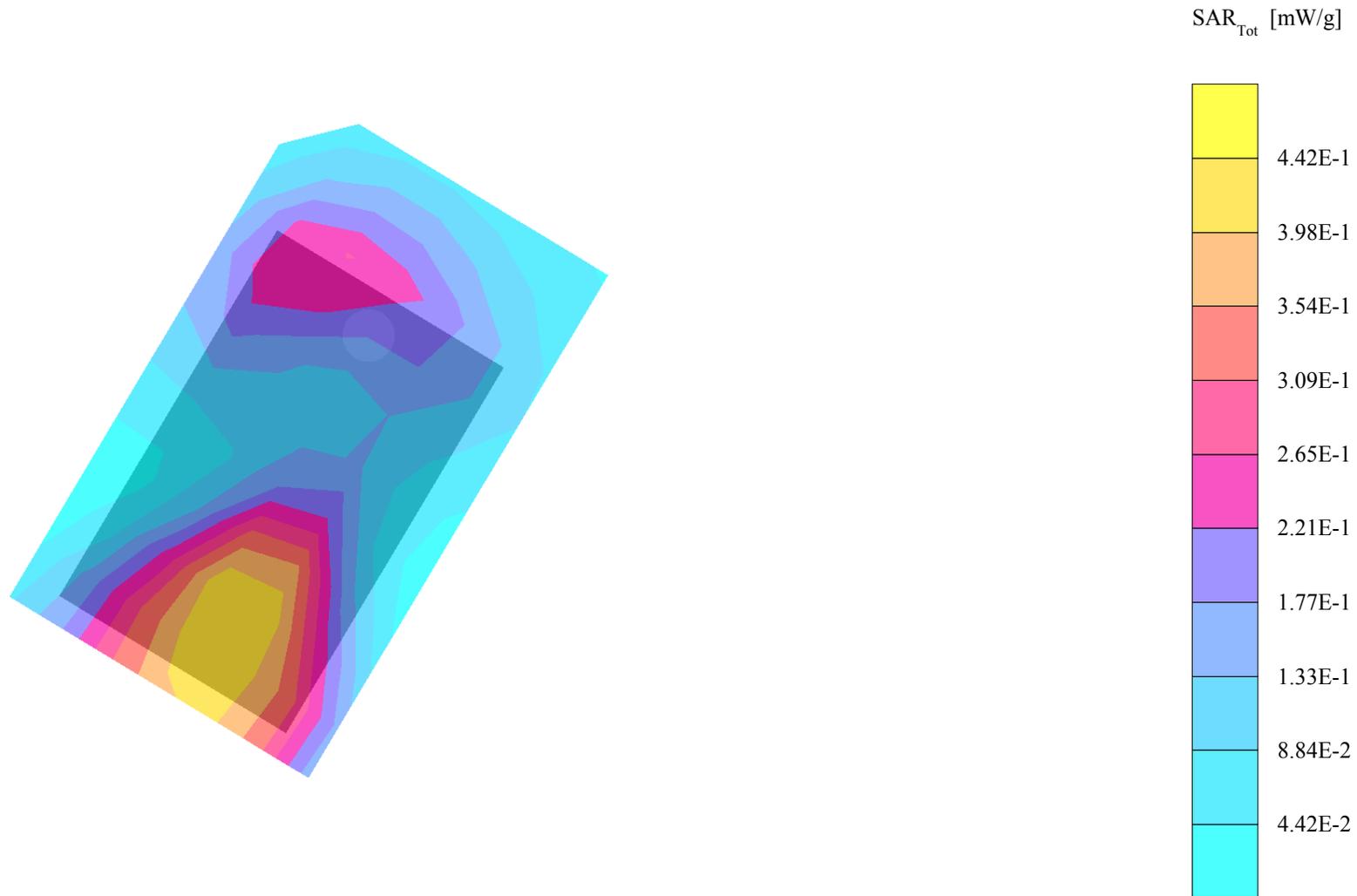


SAR<sub>Tot</sub> [mW/g]



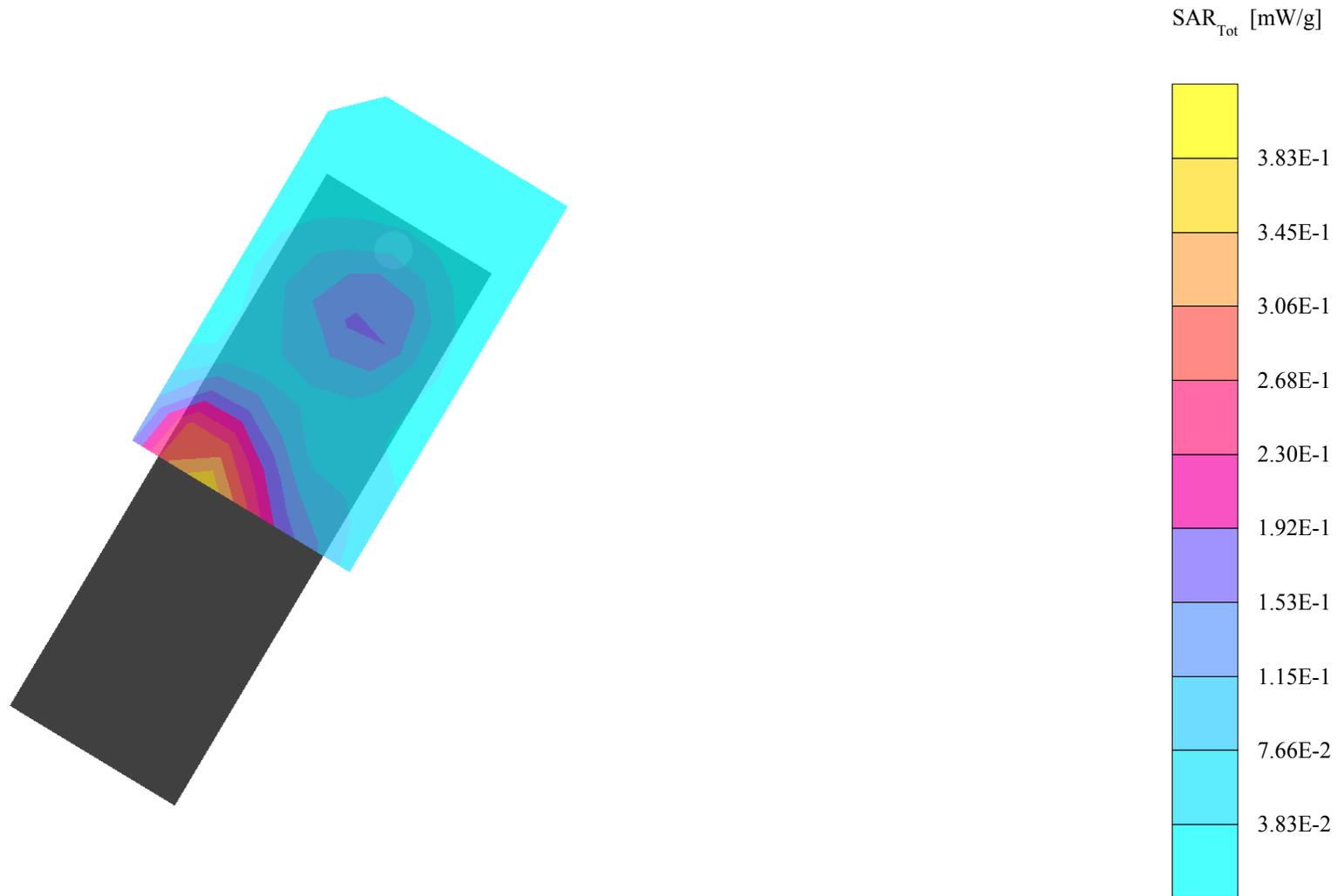
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.428 mW/g, SAR (10g): 0.272 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: 0.16 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Left Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729;Phone in close state.



# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.352 mW/g, SAR (10g): 0.208 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: -0.04 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Left Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.56 \text{ mho/m}$   $\epsilon_r = 51.4$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.142 mW/g, SAR (10g): 0.0876 mW/g, (Worst-case extrapolation)

Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.13 dB

PY7AD022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Flat Hand Side,Front

(+15mm distance) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050804



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 4.0; Muscle 1900:  $\sigma = 1.52$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.261 mW/g, SAR (10g): 0.163 mW/g, (Worst-case extrapolation)

Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.11 dB

PY7AD022011,S/N:BF7ZA50107;Frequevcy 1850MHz(ch512), Flat Hand Side,Front

(+15mm distance) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050831;GPRS2TX



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.56$  mho/m  $\epsilon_r = 51.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.233 mW/g, SAR (10g): 0.146 mW/g, (Worst-case extrapolation)

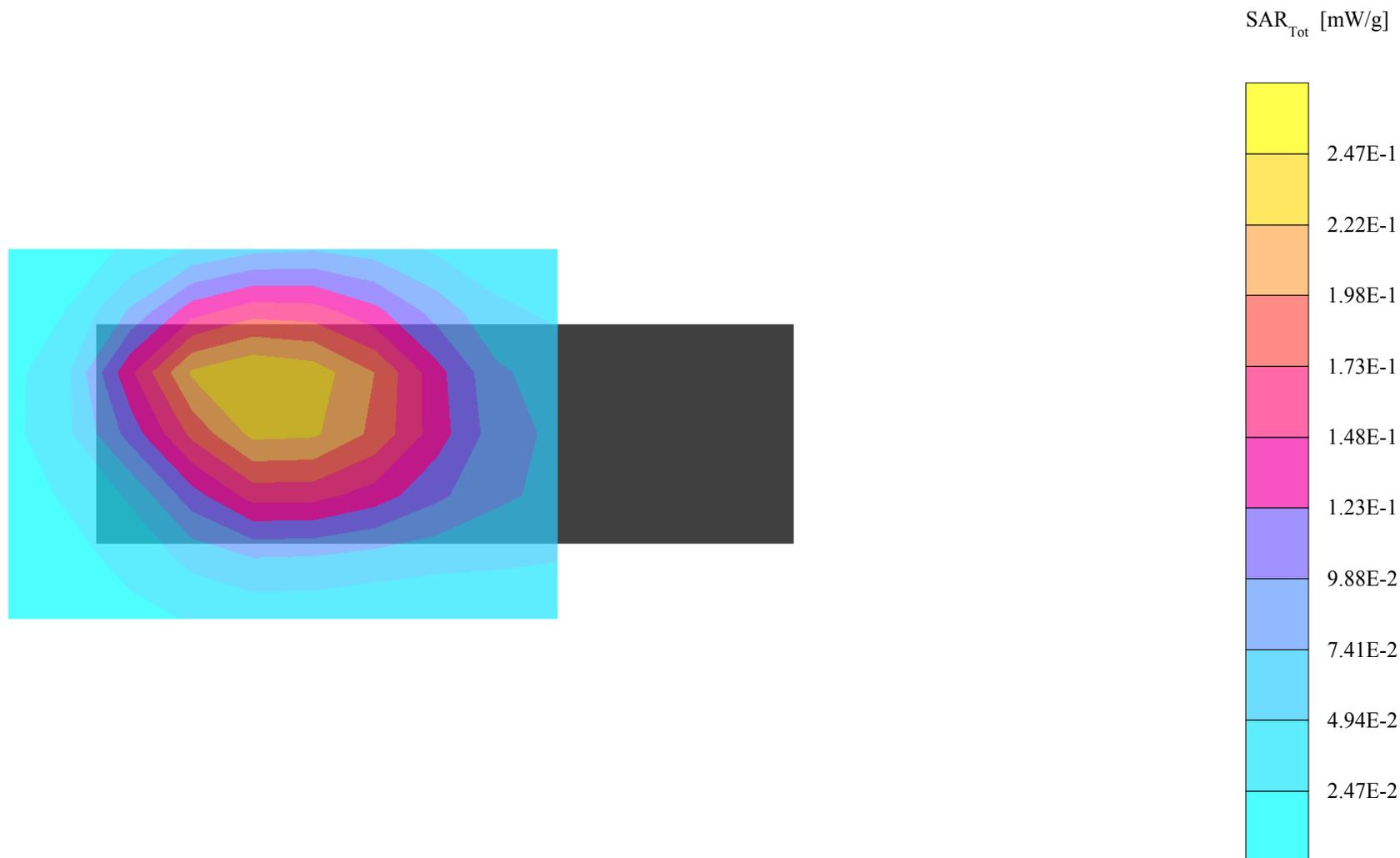
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.15 dB

PY7AD022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Flat Hand Side,Back

(+15mm distance) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050804



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 4.0; Muscle 1900:  $\sigma = 1.52$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.446 mW/g, SAR (10g): 0.280 mW/g, (Worst-case extrapolation)

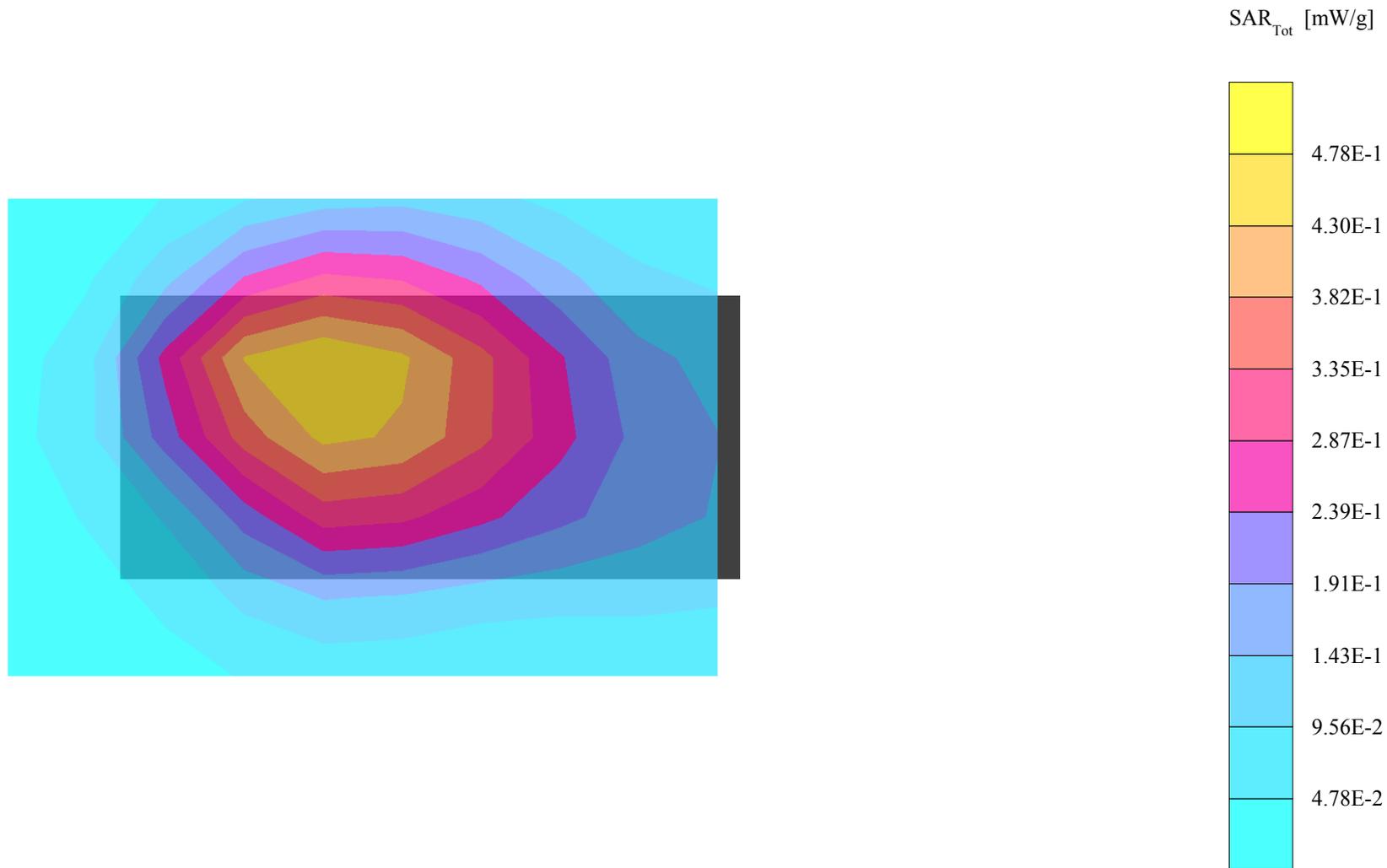
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.15 dB

PY7AD022011,S/N:BF7ZA50107;Frequevcy 1850MHz(ch512), Flat Hand Side,Back

(+15mm distance) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050831;GPRS2TX



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 4.0; Muscle 1900:  $\sigma = 1.52$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.360 mW/g, SAR (10g): 0.230 mW/g, (Worst-case extrapolation)

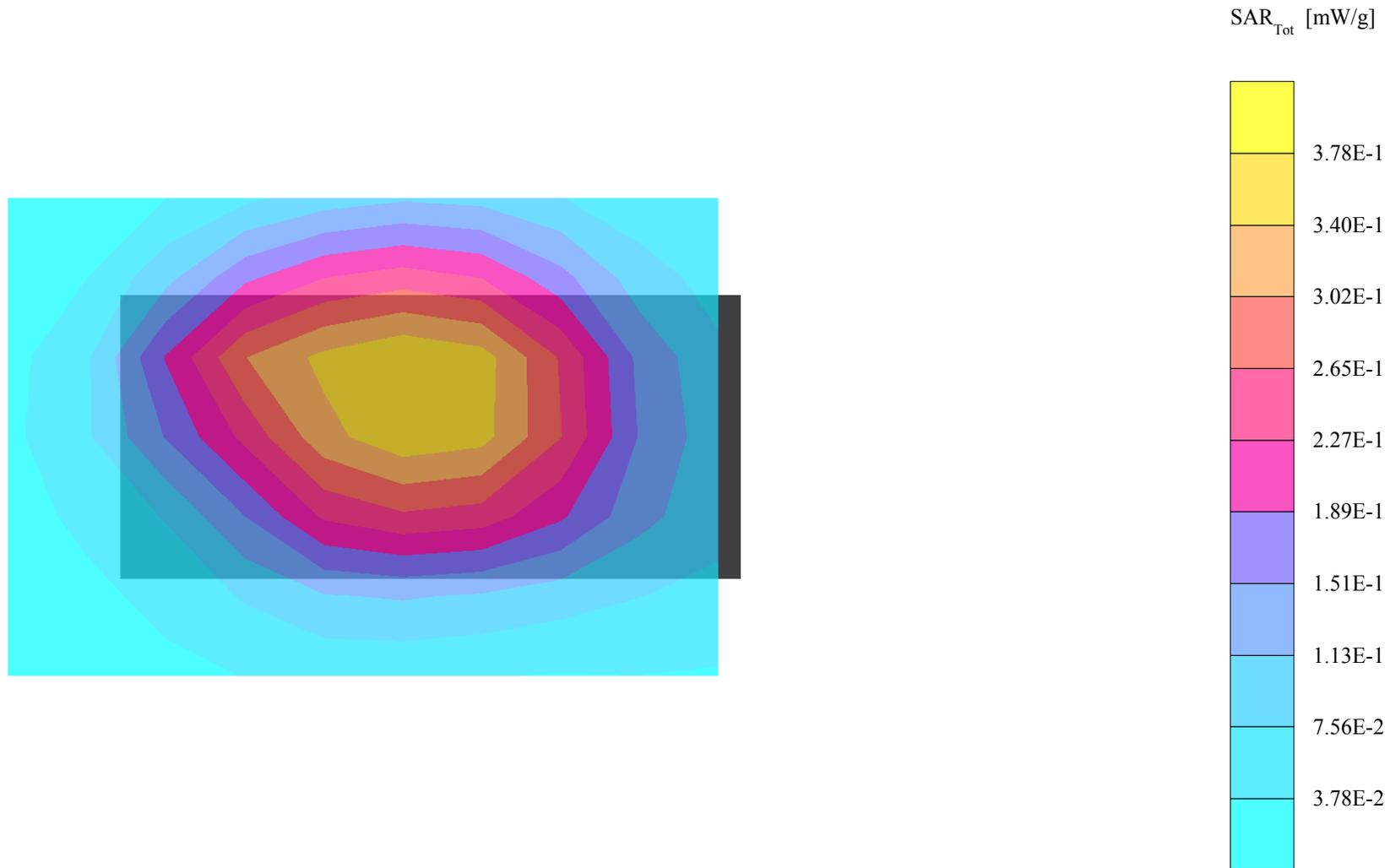
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.07 dB

PY7AD022011,S/N:BF7ZA50107;Frequevcy 1880MHz(ch661), Flat Hand Side,Back

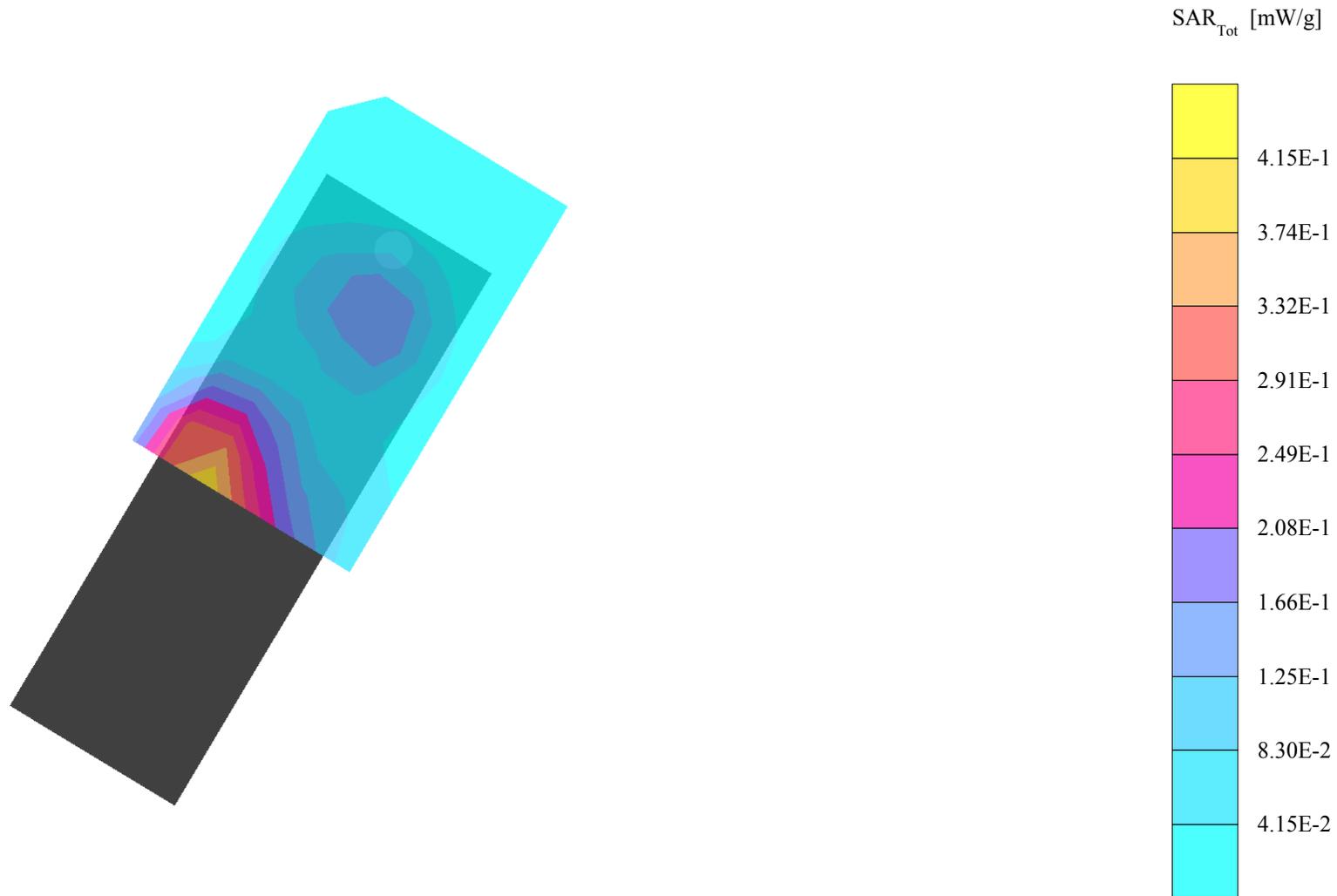
(+15mm distance) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050831;GPRS2TX



# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.366 mW/g, SAR (10g): 0.213 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: 0.00 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 191MHz(ch810), Left Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1910 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.56$  mho/m  $\epsilon_r = 51.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0879 mW/g, SAR (10g): 0.0533 mW/g, (Worst-case extrapolation)

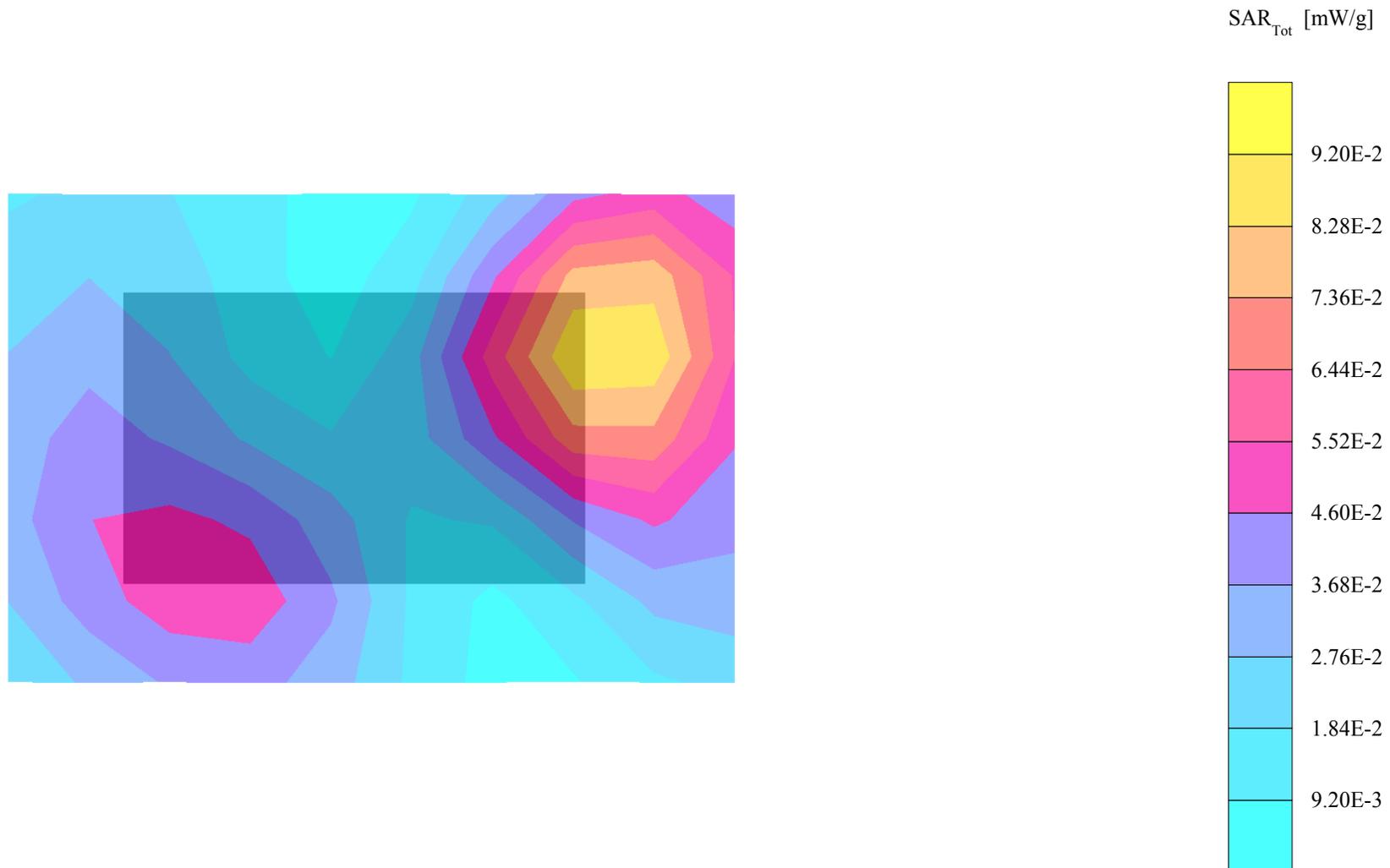
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.00 dB

PY7AD022011,S/N:BF7ZA50107;Frequency 1910MHz(ch810), Flat Hand Side,Front

(+15mm distance) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050805



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1910 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.56$  mho/m  $\epsilon_r = 51.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.178 mW/g, SAR (10g): 0.111 mW/g, (Worst-case extrapolation)

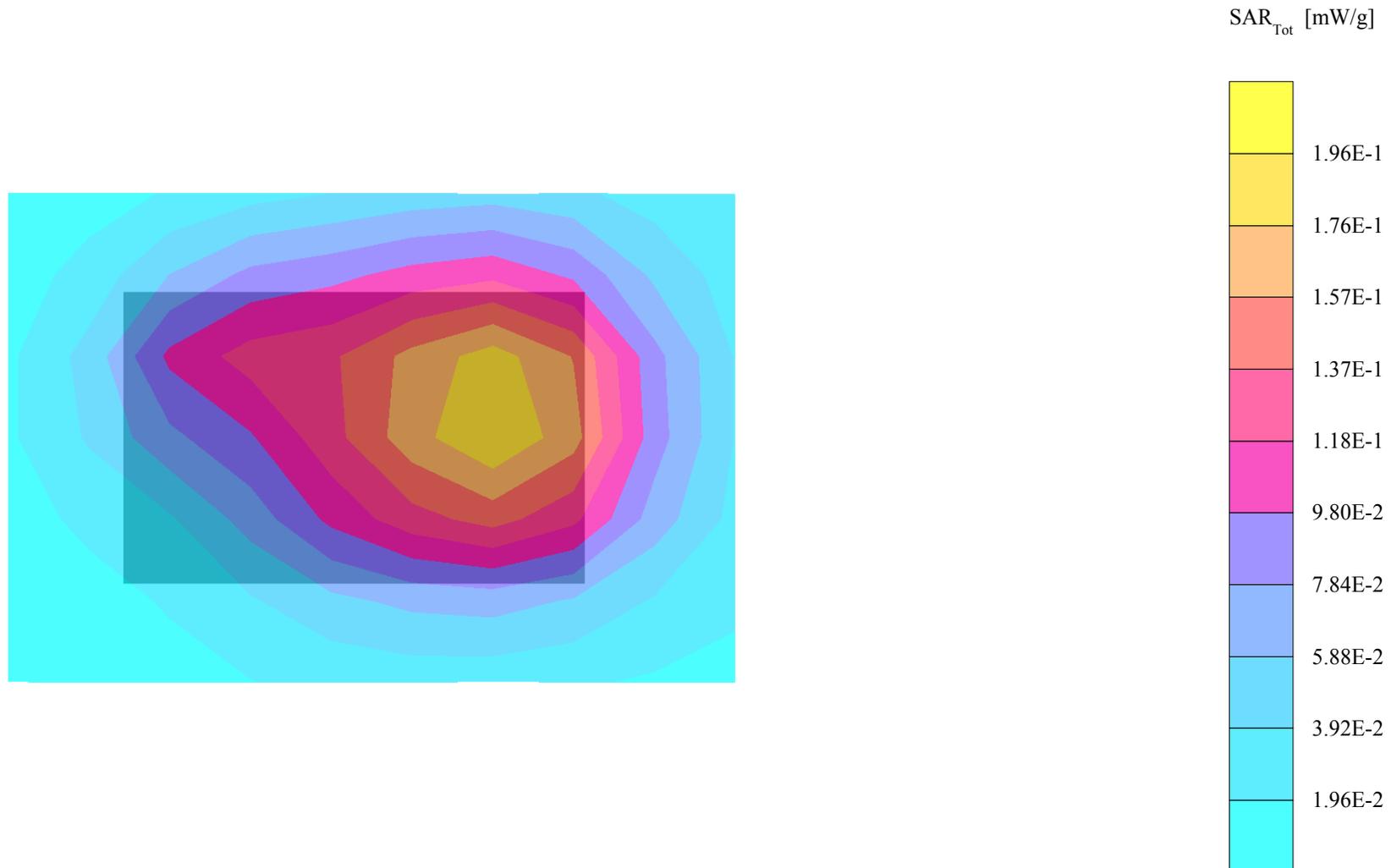
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.08 dB

PY7AD022011,S/N:BF7ZA50107;Frequevcy 1910MHz(ch810), Flat Hand Side,Back

(+15mm distance) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050805



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1910 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 4.0; Muscle 1900:  $\sigma = 1.52$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.337 mW/g, SAR (10g): 0.212 mW/g, (Worst-case extrapolation)

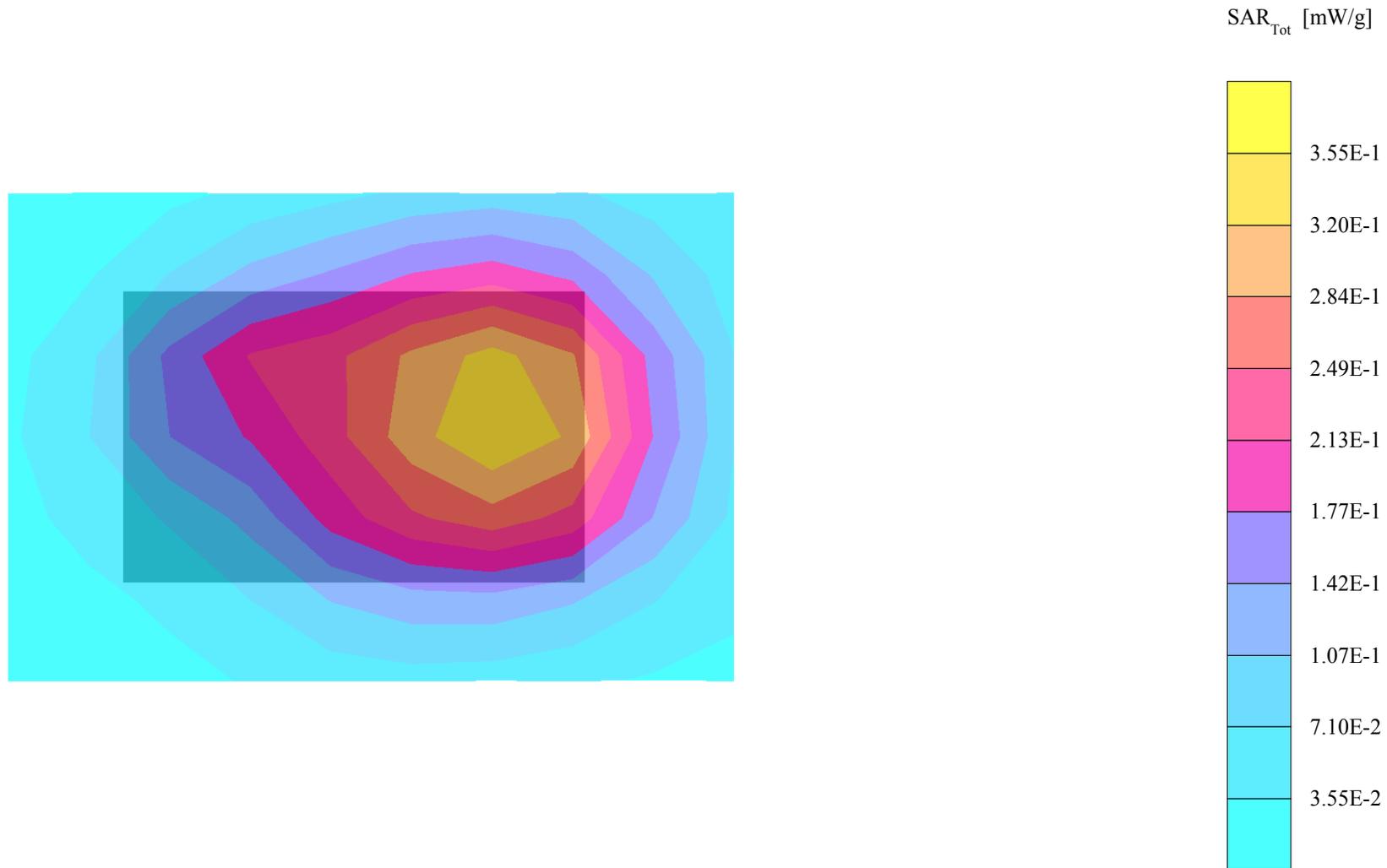
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.05 dB

PY7AD022011,S/N:BF7ZA50107;Frequevcy 1910MHz(ch810), Flat Hand Side,Back

(+15mm distance) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050831;GPRS2TX



# PY7AD022011

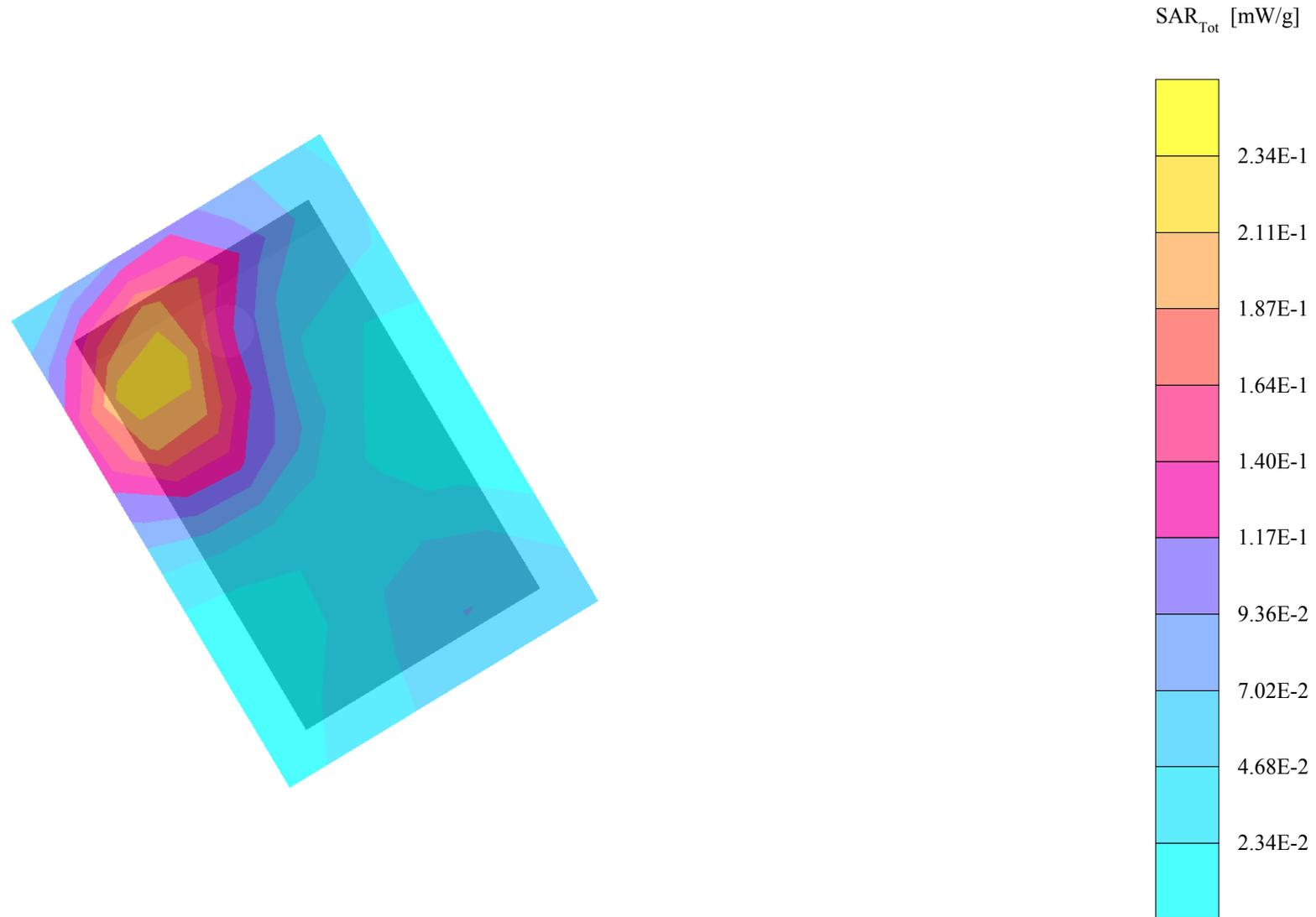
SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.225 mW/g, SAR (10g): 0.124 mW/g, (Worst-case extrapolation)

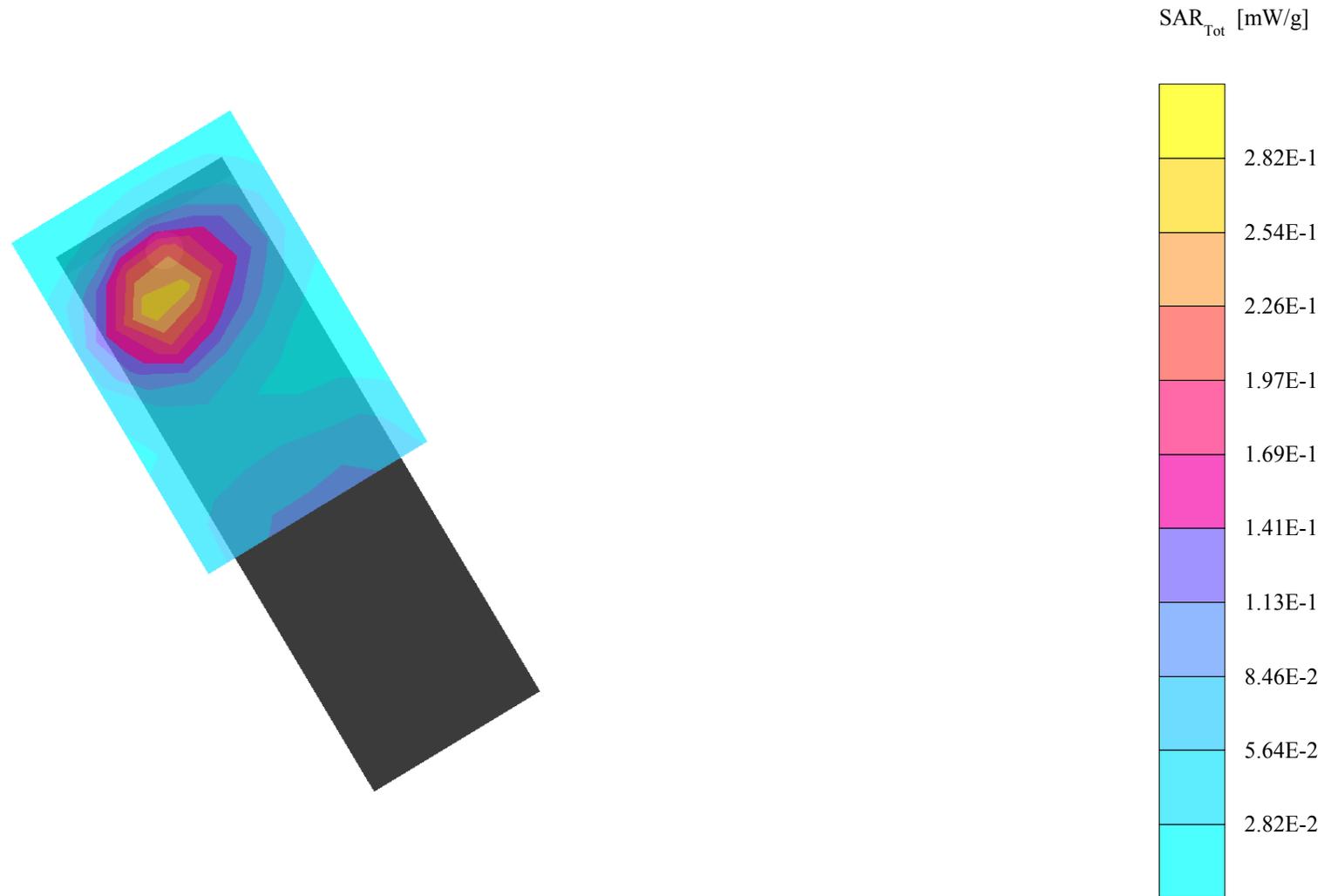
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0

Powerdrift: 0.00 dB



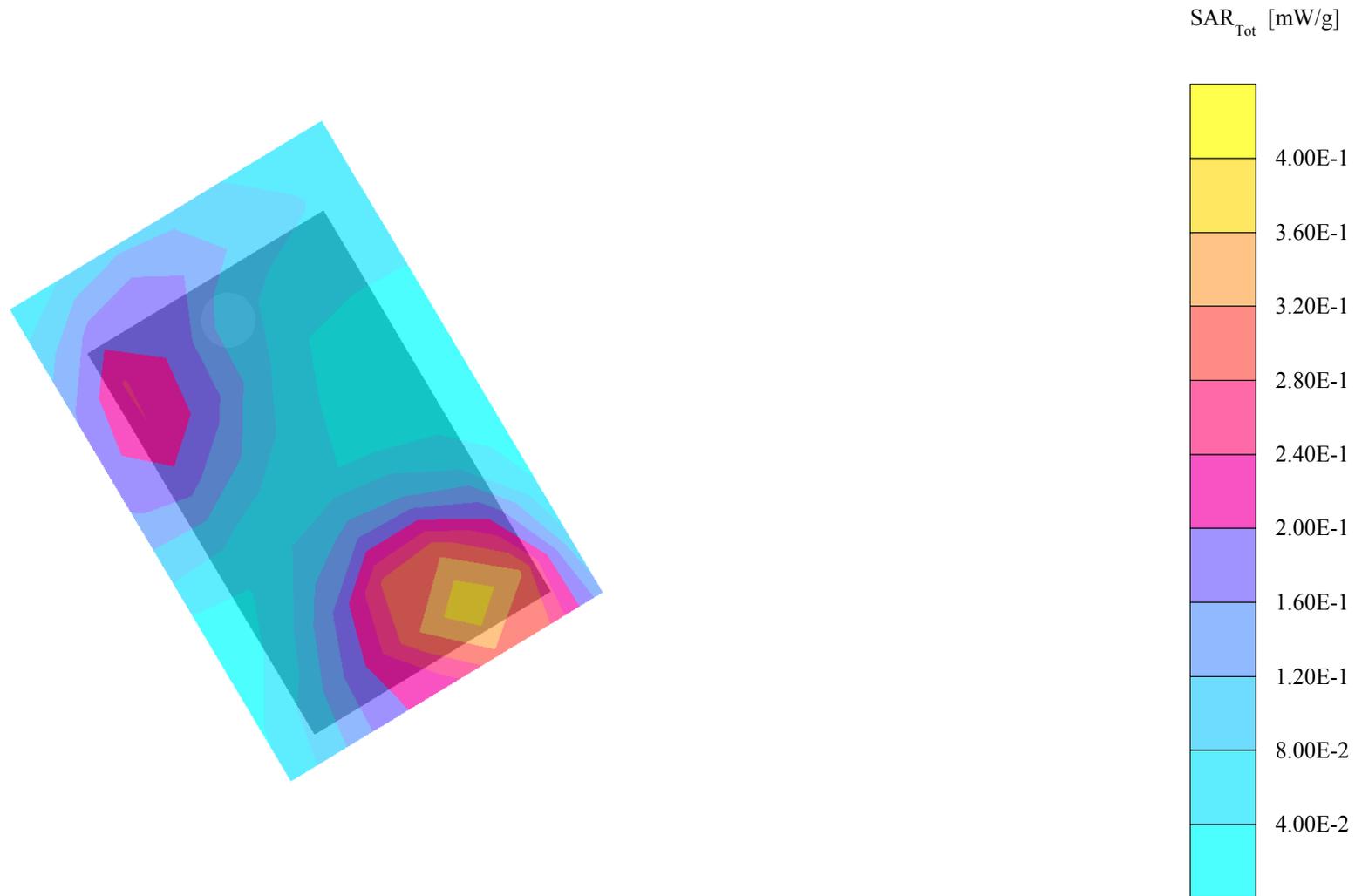
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.261 mW/g, SAR (10g): 0.147 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: -0.20 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1880MHz(ch661), Right Hand Side,  
Tilt(105°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050728



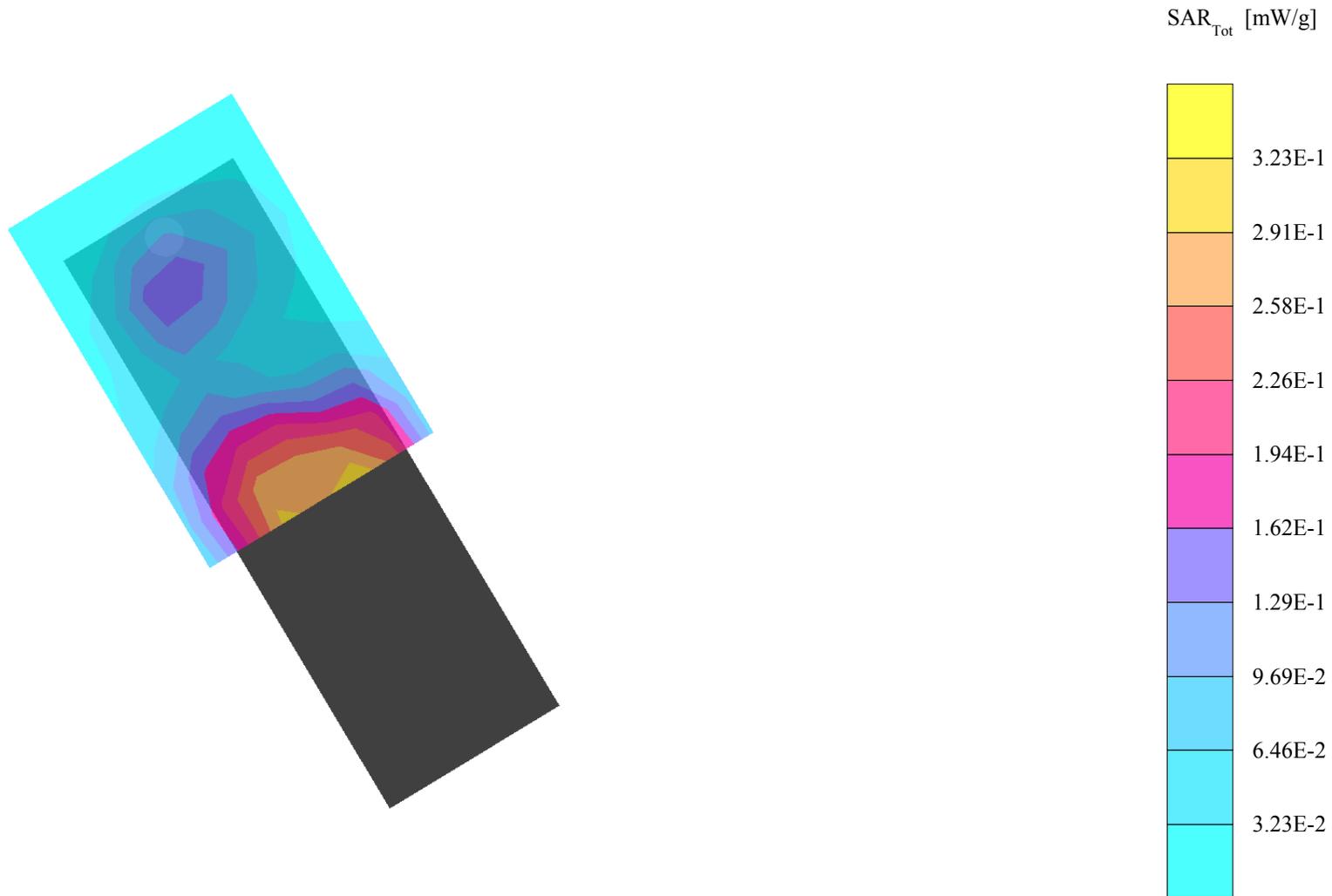
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.364 mW/g, SAR (10g): 0.218 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: -0.11 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1880MHz(ch661), Right Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050801;Phone in close state.



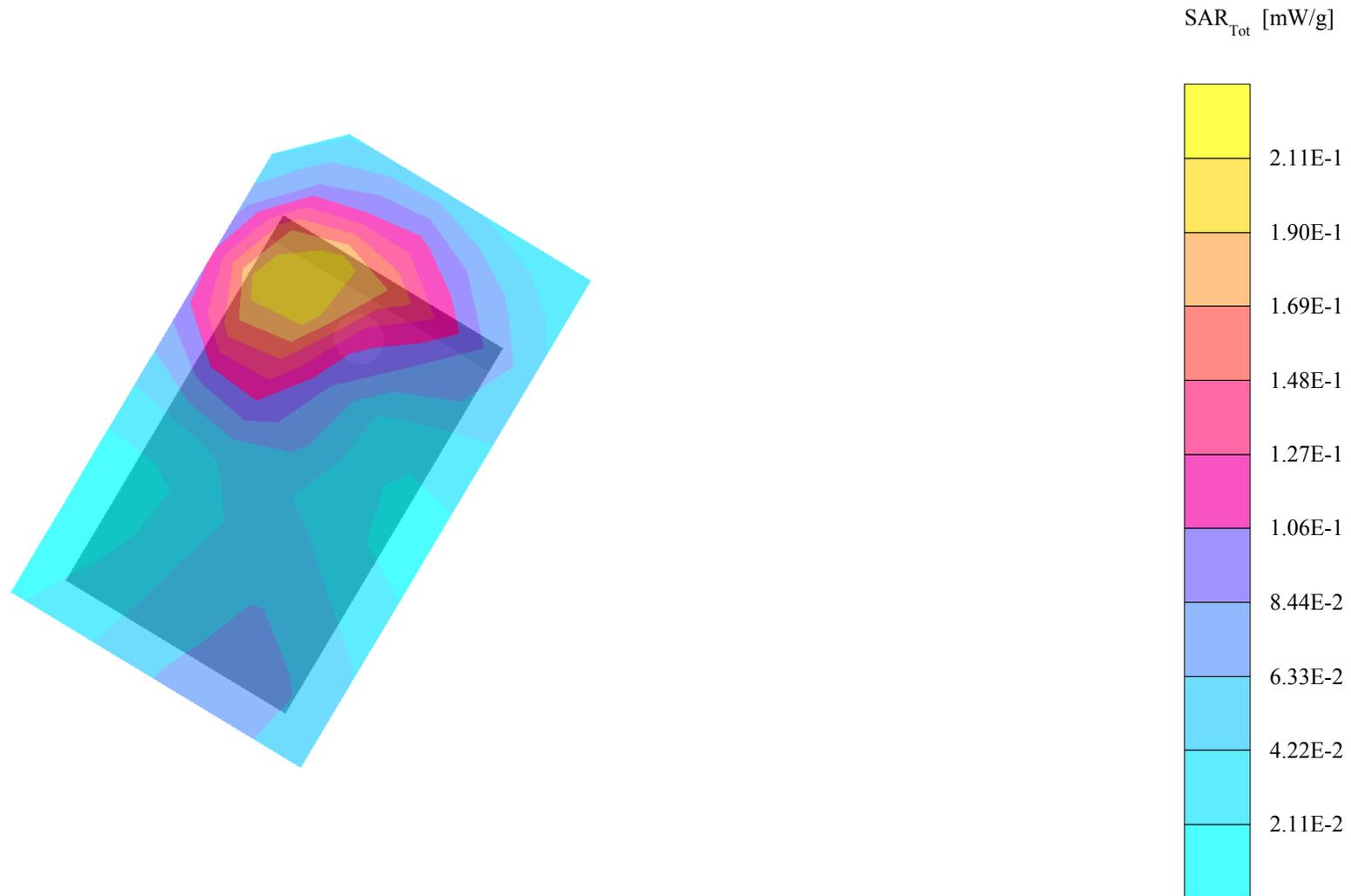
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1850 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); Crest factor: 8.0; Head 1900MHz:  $\sigma = 1.47$  mho/m  $\epsilon_r = 38.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cubes (2): SAR (1g): 0.304 mW/g  $\pm 0.08$  dB, SAR (10g): 0.184 mW/g  $\pm 0.02$  dB, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: -0.13 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 1880MHz(ch661), Right Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050728



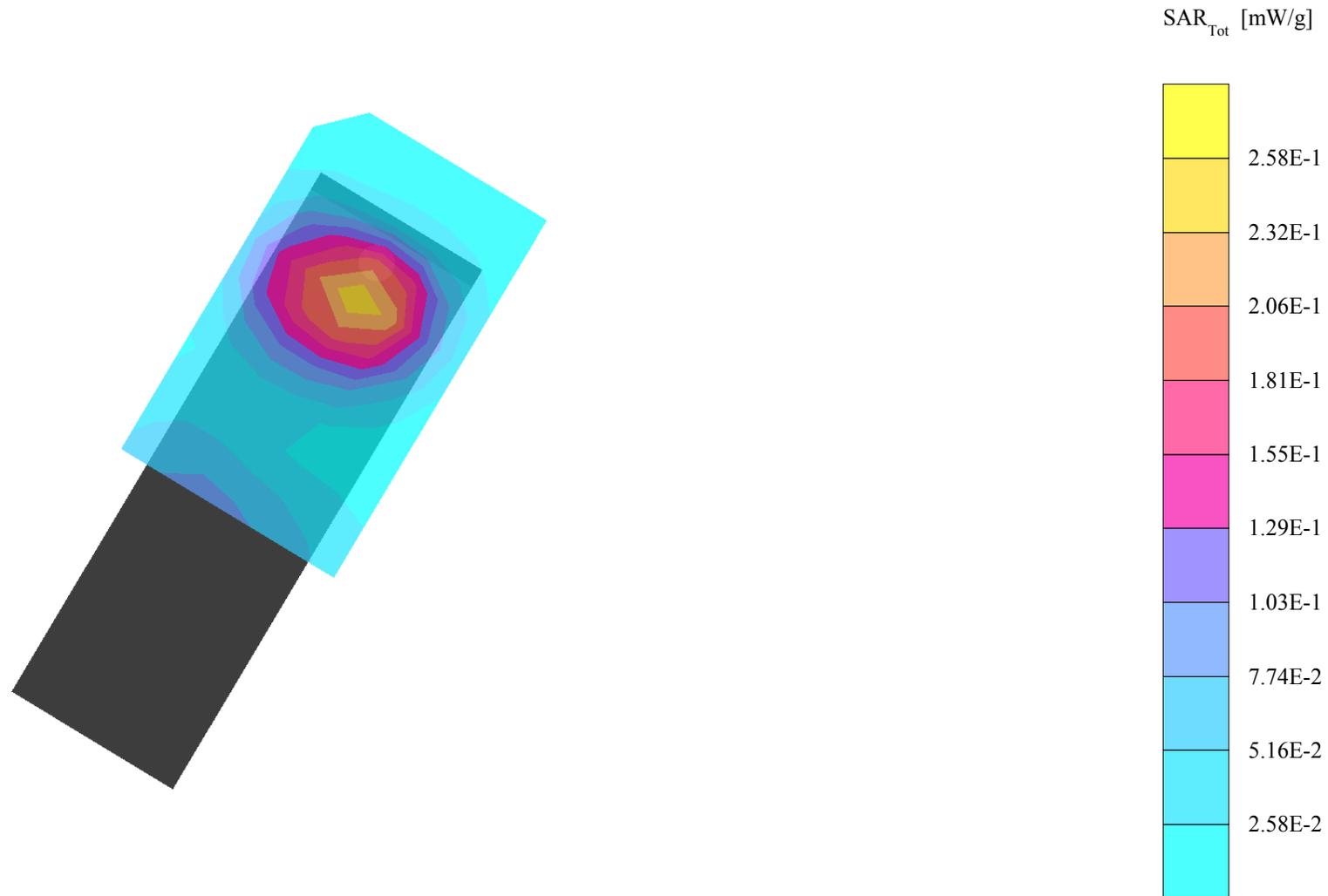
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.206 mW/g, SAR (10g): 0.118 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: -0.16 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1880MHz(ch661), Left Hand Side,  
Tilt(105°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temperature  
23(c-degree)and humidity 40%,Date:050729;Phone in close state.



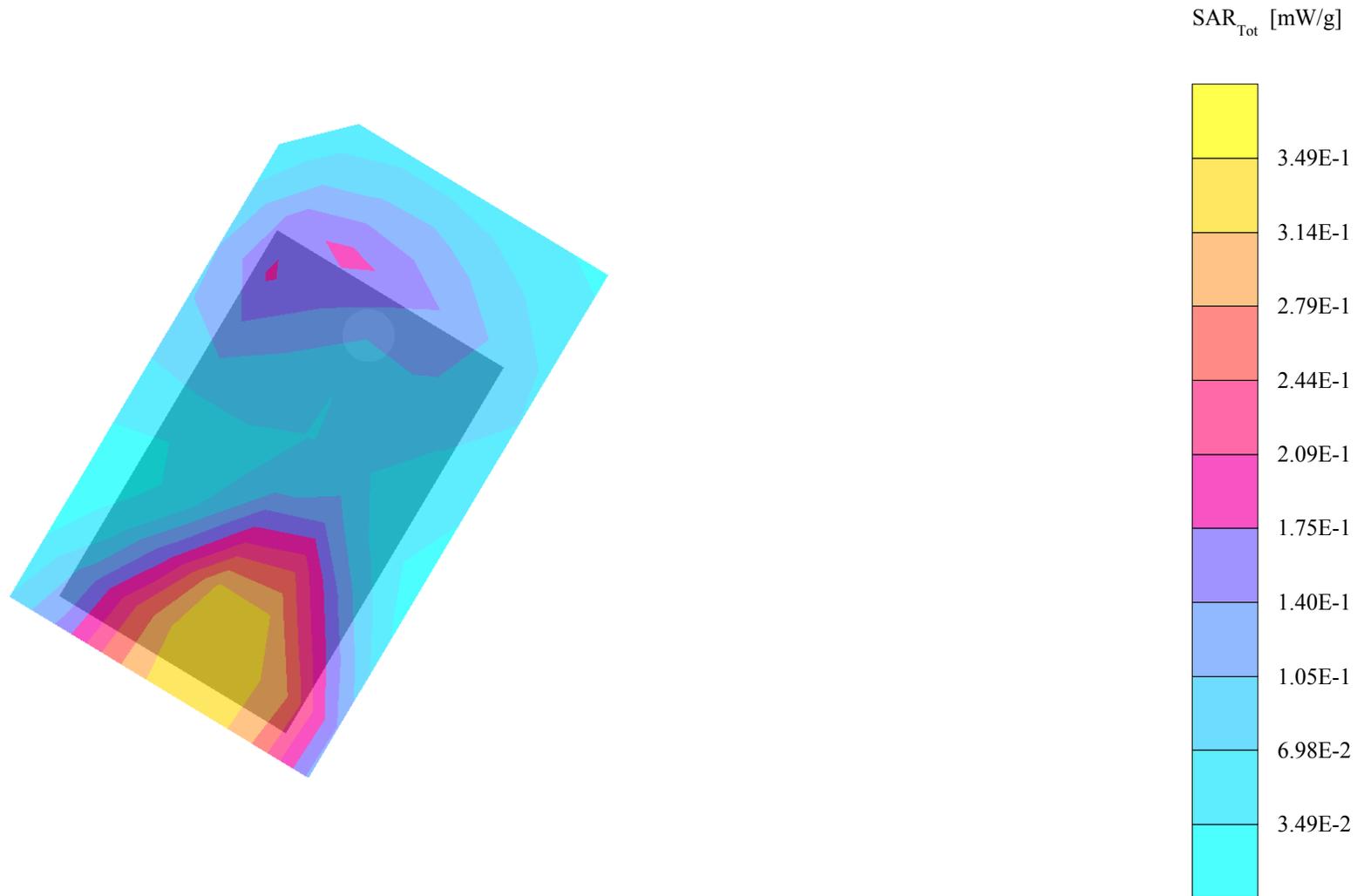
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.235 mW/g, SAR (10g): 0.138 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: -0.04 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1880MHz(ch661), Left Hand Side,  
Tilt(105°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temperature  
23(c-degree)and humidity 40%,Date:050729



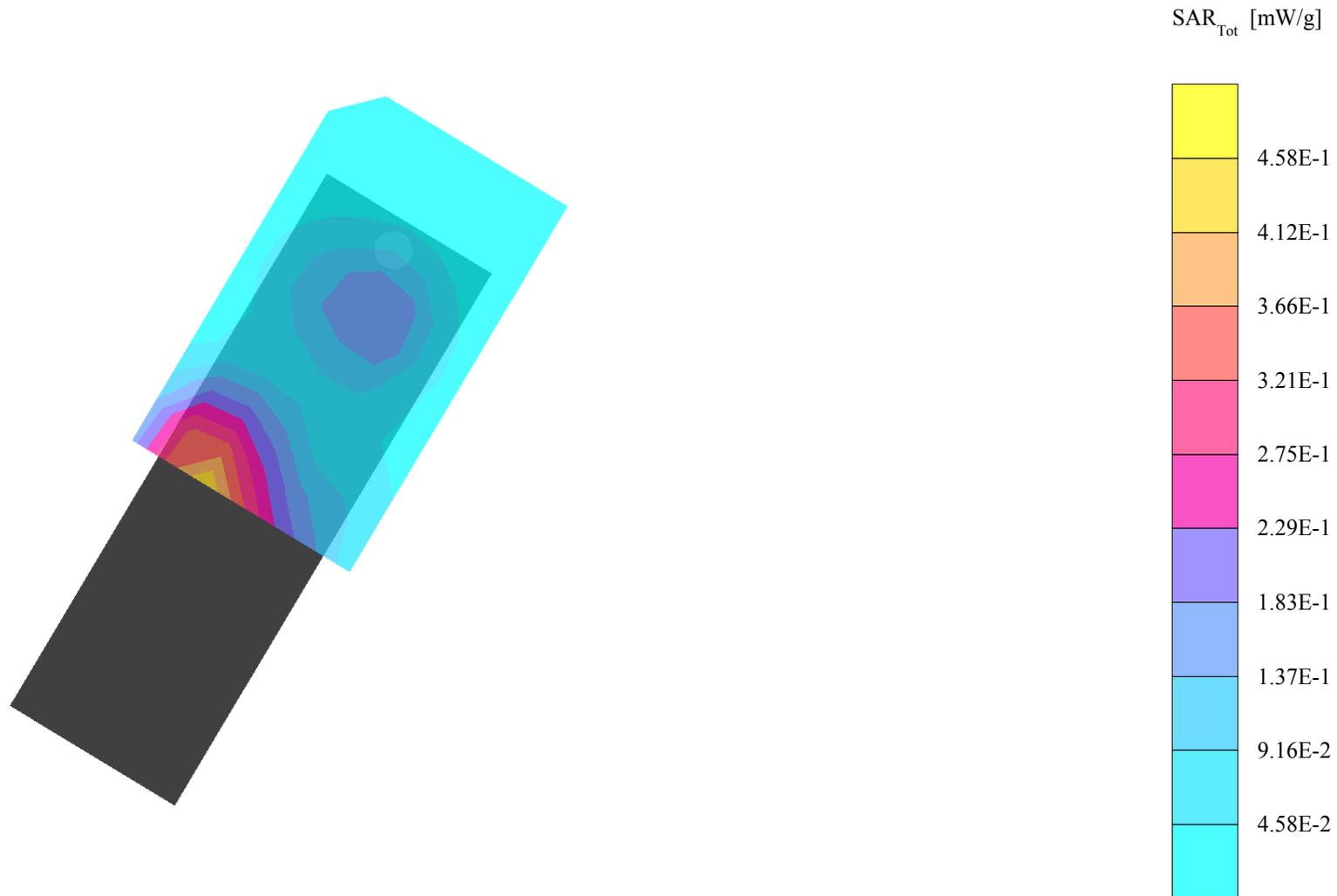
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.336 mW/g, SAR (10g): 0.212 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: 0.01 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1880MHz(ch661), Left Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729;Phone in close state.



# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1880 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.394 mW/g, SAR (10g): 0.232 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: -0.20 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 1880MHz(ch661), Left Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050728



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.56$  mho/m  $\epsilon_r = 51.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.106 mW/g, SAR (10g): 0.0646 mW/g, (Worst-case extrapolation)

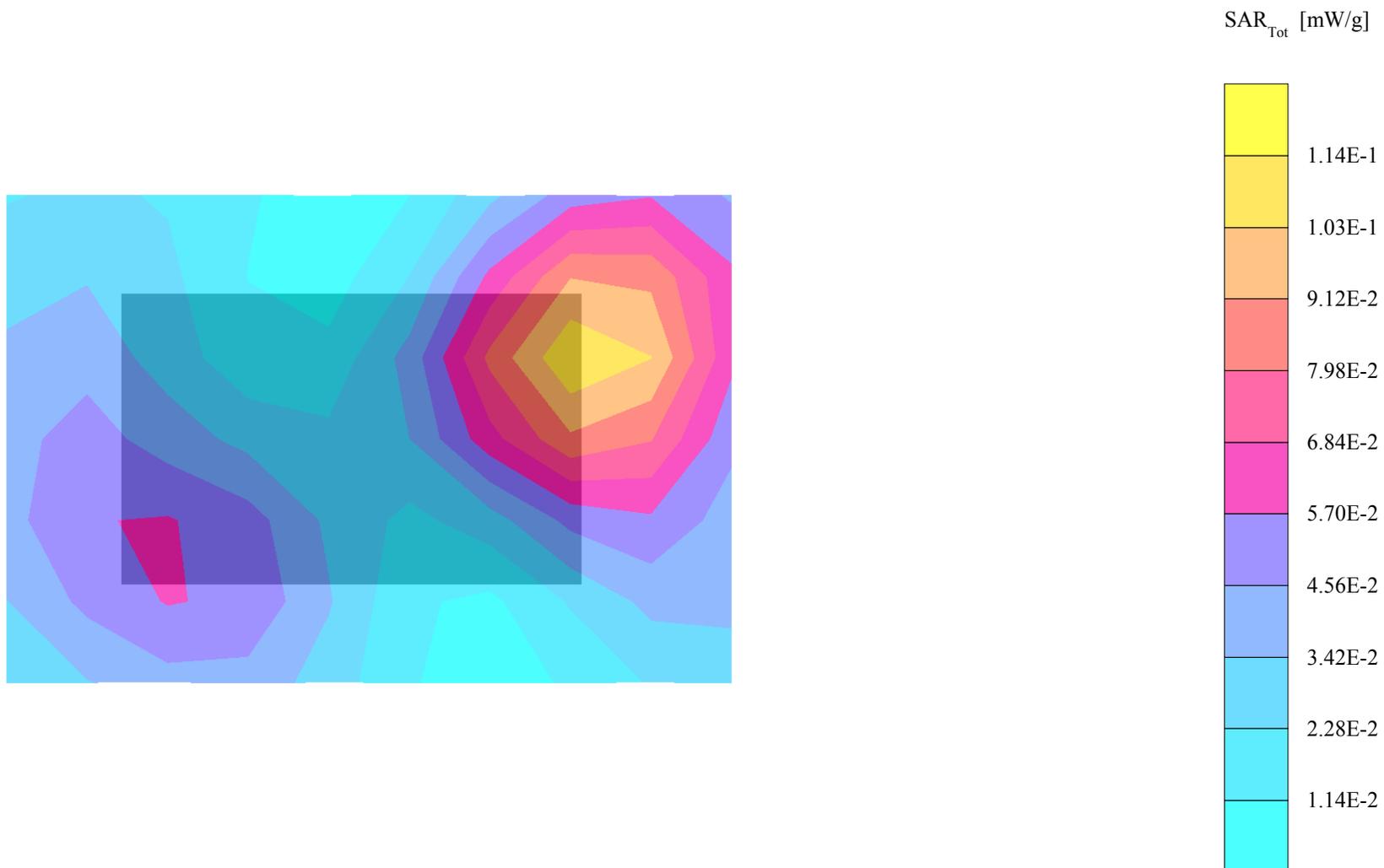
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: 0.09 dB

PY7AD022011,S/N:BF7ZA50107;Frequency 1880MHz(ch661), Flat Hand Side,Front

(+15mm distance) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050805



# PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 8.0; Muscle 1900:  $\sigma = 1.56$  mho/m  $\epsilon_r = 51.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.220 mW/g, SAR (10g): 0.138 mW/g, (Worst-case extrapolation)

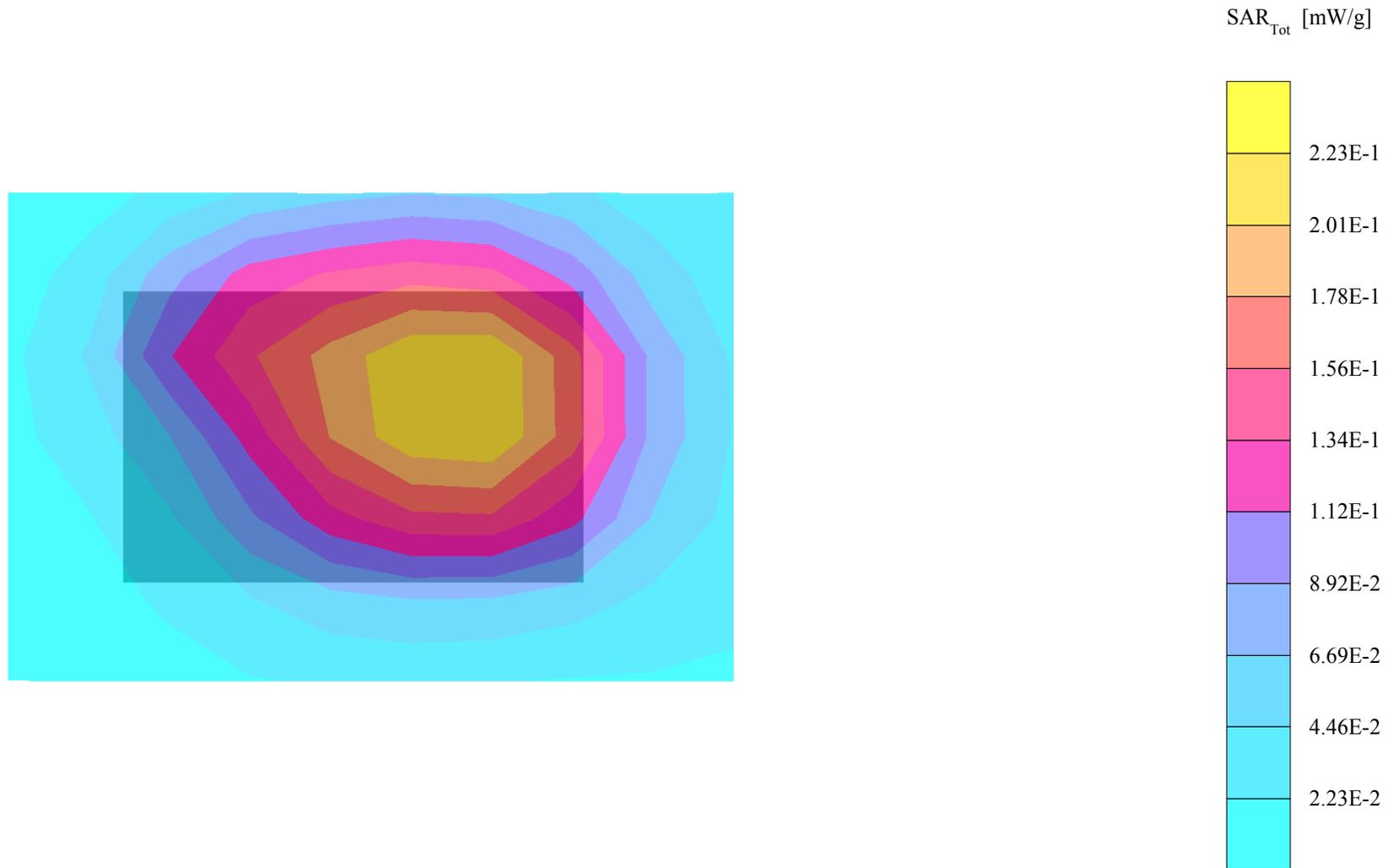
Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0

Powerdrift: -0.05 dB

PY7A3022011,S/N:BF7ZA50107;Frequevcy 1880MHz(ch661), Flat Hand Side,Back

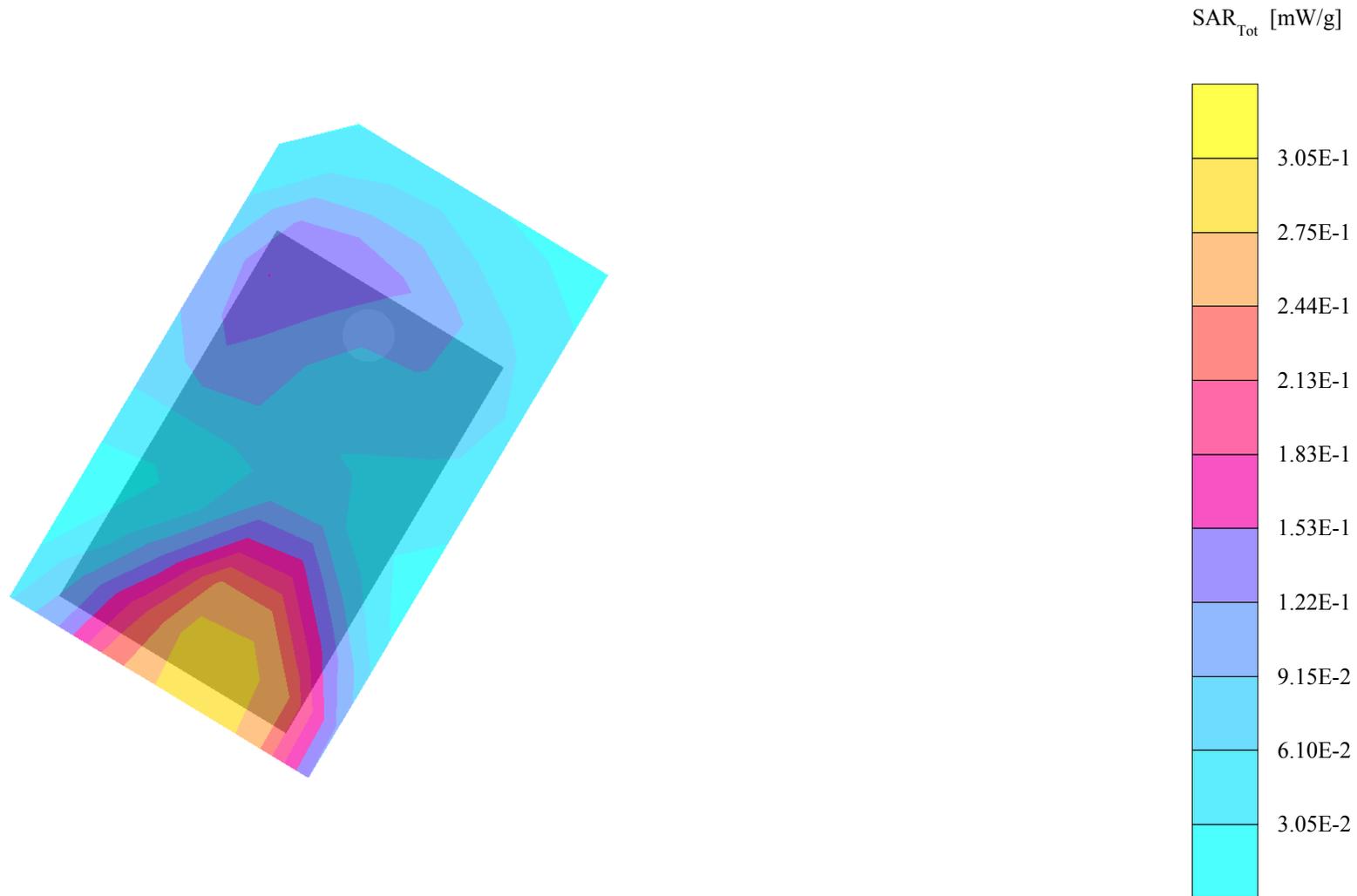
(+15mm distance) Phone Position, meas. Power=30.3dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050805



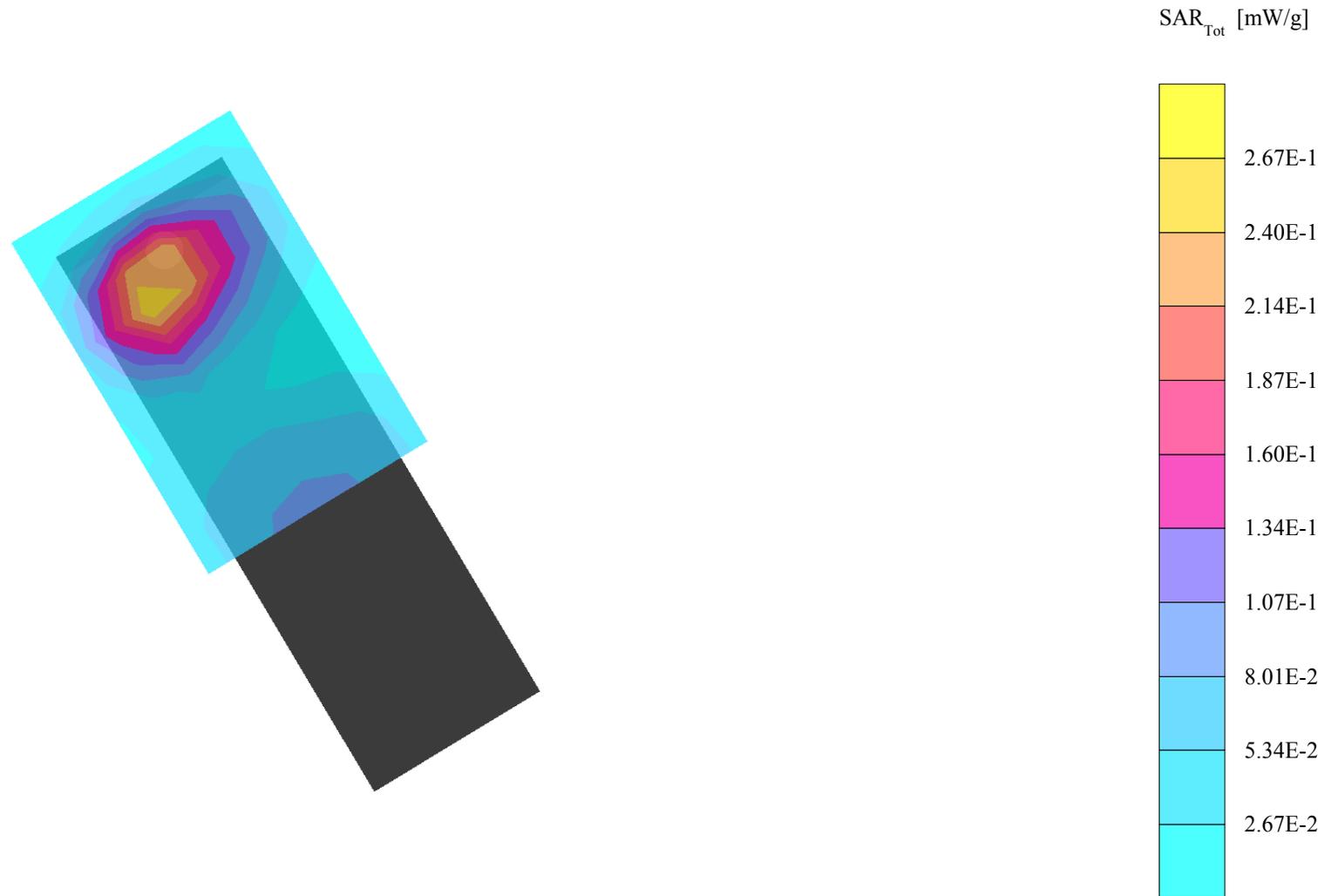
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.288 mW/g, SAR (10g): 0.173 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: 0.14 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 191MHz(ch810), Left Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729;;Phone in close state.



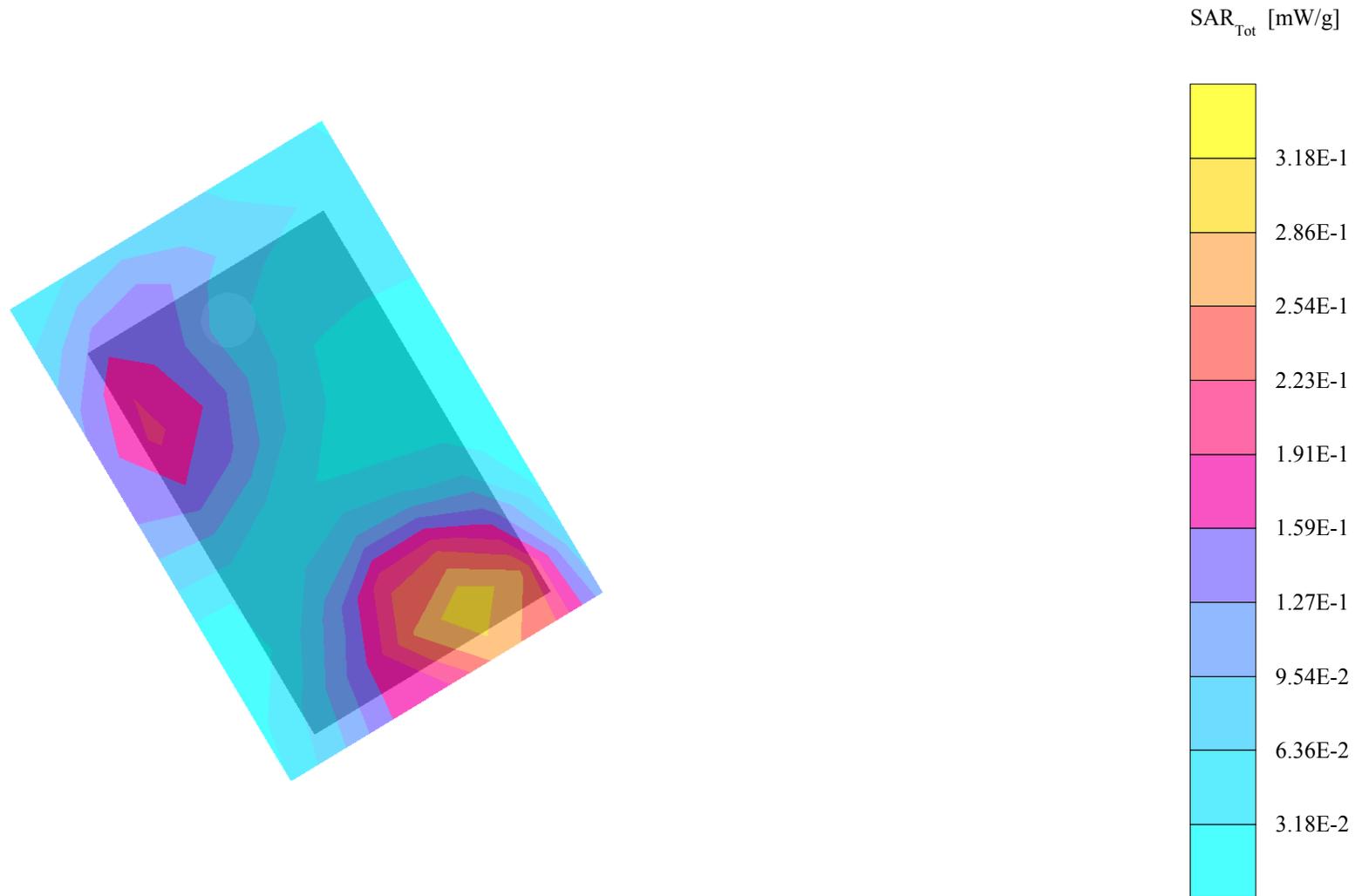
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.254 mW/g, SAR (10g): 0.142 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: -0.04 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 191MHz(ch810), Right Hand Side,  
Tilty(105°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729



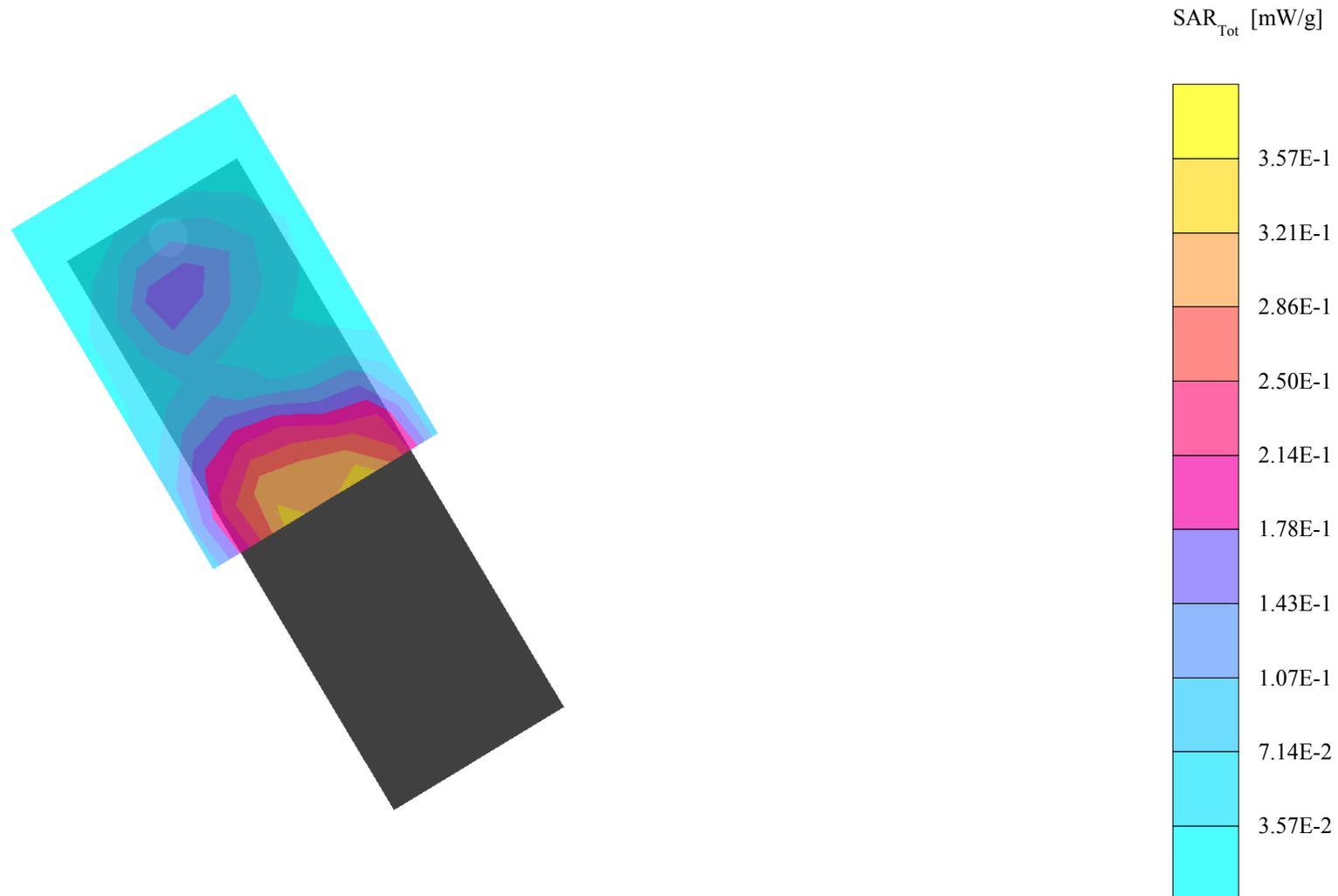
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.287 mW/g, SAR (10g): 0.172 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: -0.09 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 191MHz(ch810), Right Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050801;;Phone in close state.



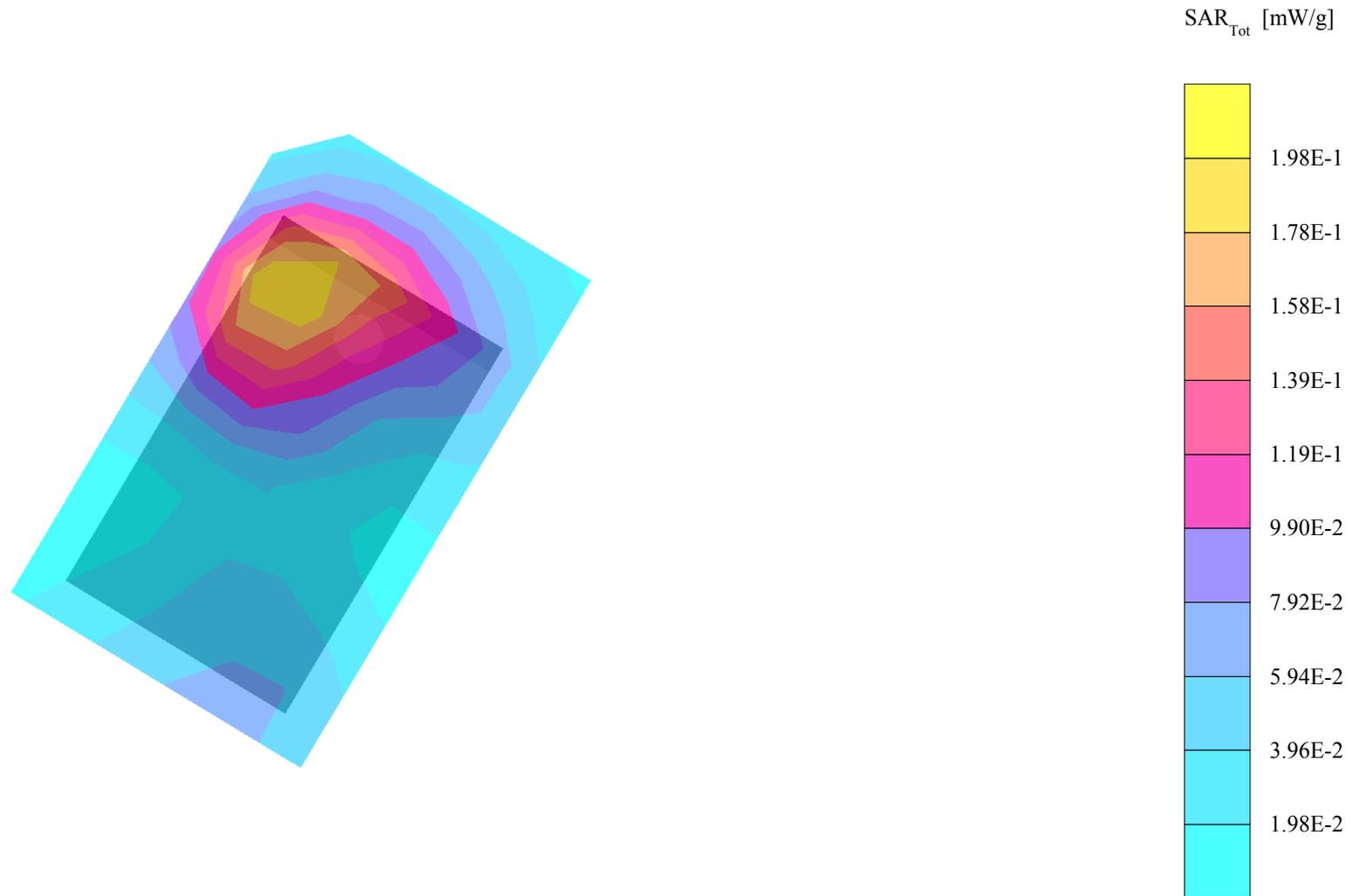
# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.327 mW/g, SAR (10g): 0.198 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: 0.05 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 191MHz(ch810), Right Hand Side,  
Cheek(90°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050728



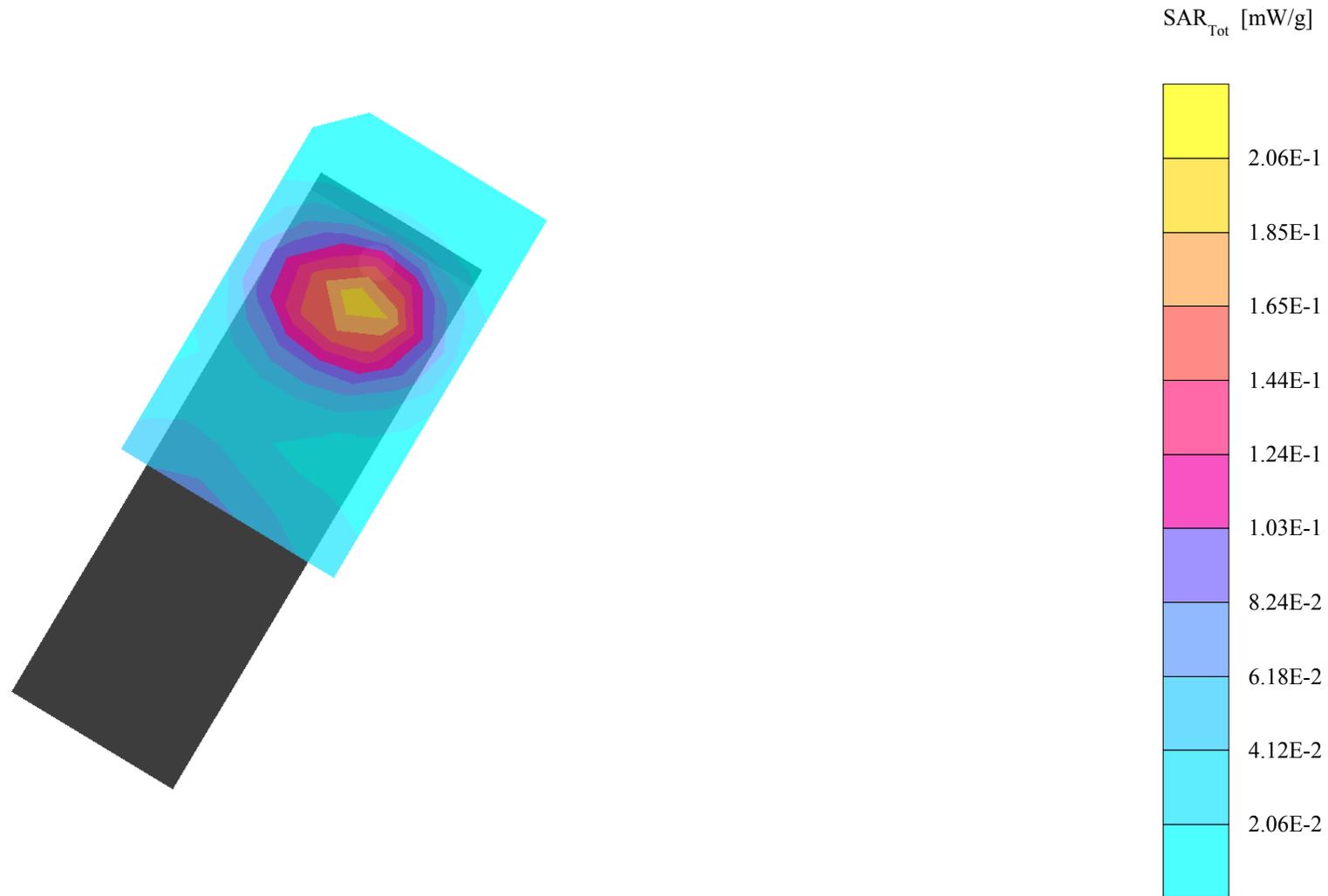
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.191 mW/g, SAR (10g): 0.110 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: 0.12 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 191MHz(ch810), Left Hand Side,  
Tilty(105°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729;Phone in close state.



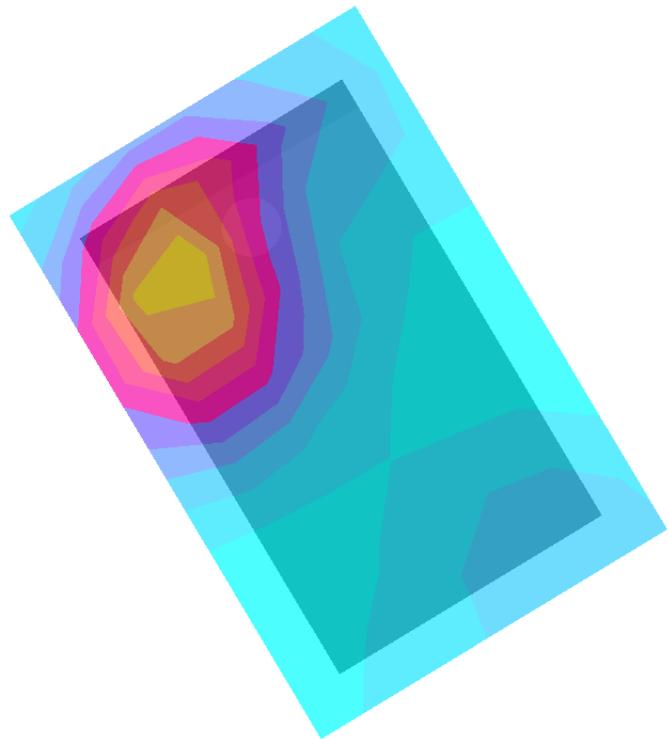
# PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.188 mW/g, SAR (10g): 0.110 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 11.0  
Powerdrift: -0.03 dB  
PY7AD022011,S/N:BF7ZA50107;Frequency 191MHz(ch810), Left Hand Side,  
Tilty(105°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050729

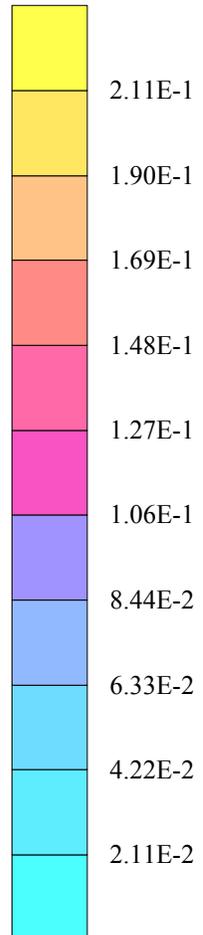


# PY7AD022011

SAM 4 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1910 MHz  
Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.201 mW/g, SAR (10g): 0.110 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 11.0, Dy = 11.0, Dz = 10.0  
Powerdrift: 0.05 dB  
PY7AD022011,S/N:BF7ZA50107;Frequevcy 191MHz(ch810), Right Hand Side,  
Tilty(105°) Phone Position, meas. Power=30.1dBm, Nom.Power=30.5dBm; ambien temprature  
23(c-degree)and humidity 40%,Date:050801;Phone in close state.



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



## PY7AD022011

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.62,4.62,4.62); Crest factor: 4.0; Muscle 1900:  $\sigma = 1.52$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>

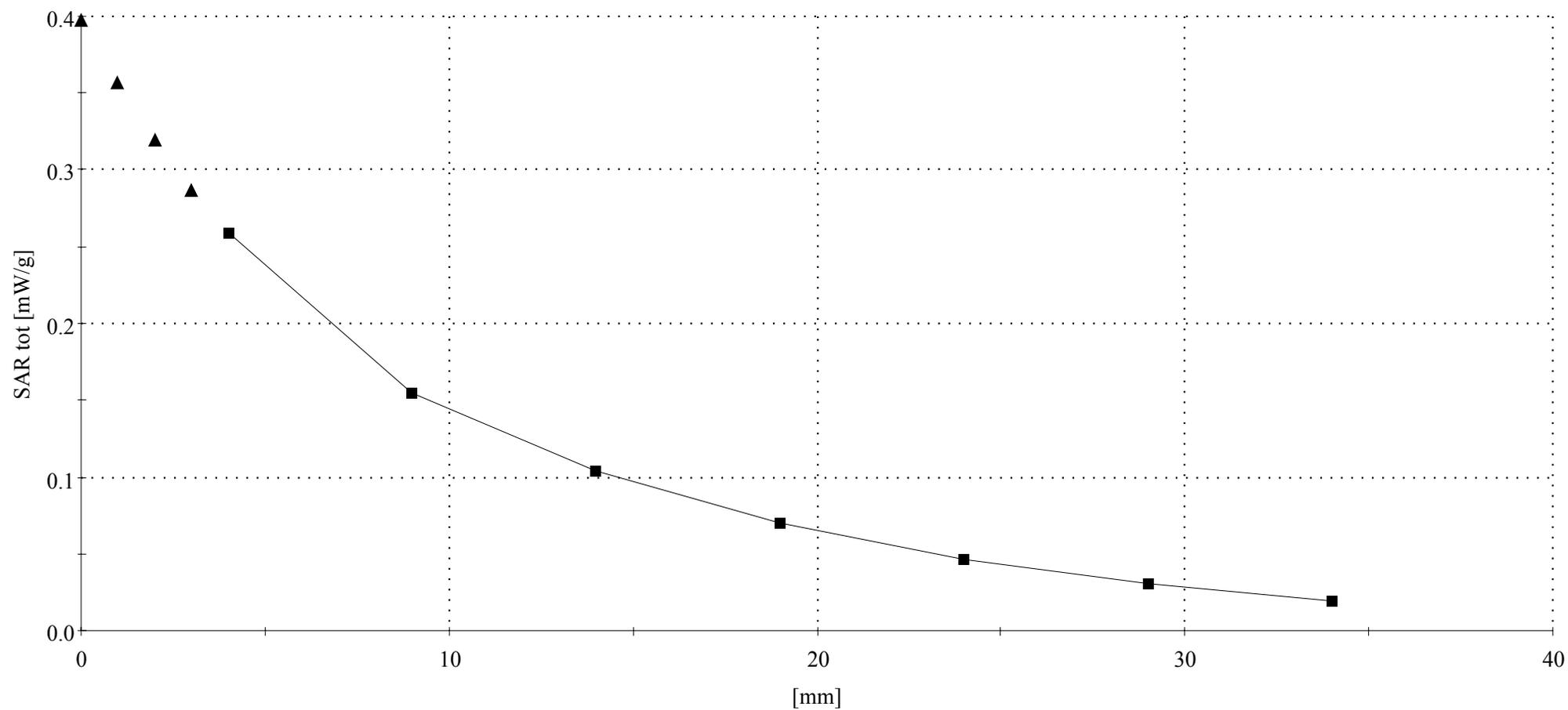
Cube 5x5x7: SAR (1g): 0.446 mW/g, SAR (10g): 0.280 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

PY7AD022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Flat Hand Side,Back

(+15mm distance) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm;

ambien temprature 23(c-degree)and humidity 40%,Date:050831;GPRS2TX



## PY7AD022011

SAM 4 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(5.03,5.03,5.03); 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): 0.428 mW/g, SAR (10g): 0.272 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

PY7A3022011,S/N:BF7ZA50107;Frequency 1850MHz(ch512), Left Hand Side,

Cheek(90°) Phone Position, meas. Power=30.4dBm, Nom.Power=30.5dBm; ambien temprature

23(c-degree)and humidity 40%,Date:050729;Phone in close state.

