

## Acer with headset (Plot #4)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, Left side edge of laptop facing phantom, EUT top side facing phantom, antenna pointing parallel out and perpendicular with phantom bottom gaped 1.5 cm with headset, Middle Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

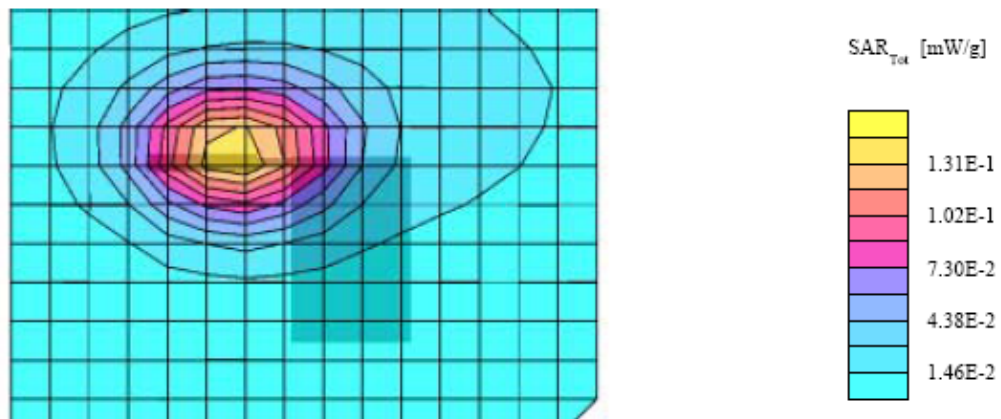
SAM Phantom; Flat Section; Position: (90°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.144 mW/g, SAR (10g): 0.0943 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: -0.01 dB



## Acer Without headset (Plot #5)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, bottom side facing phantom, EUT bottom side facing phantom, antenna pointing down and perpendicular with phantom bottom, Middle Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

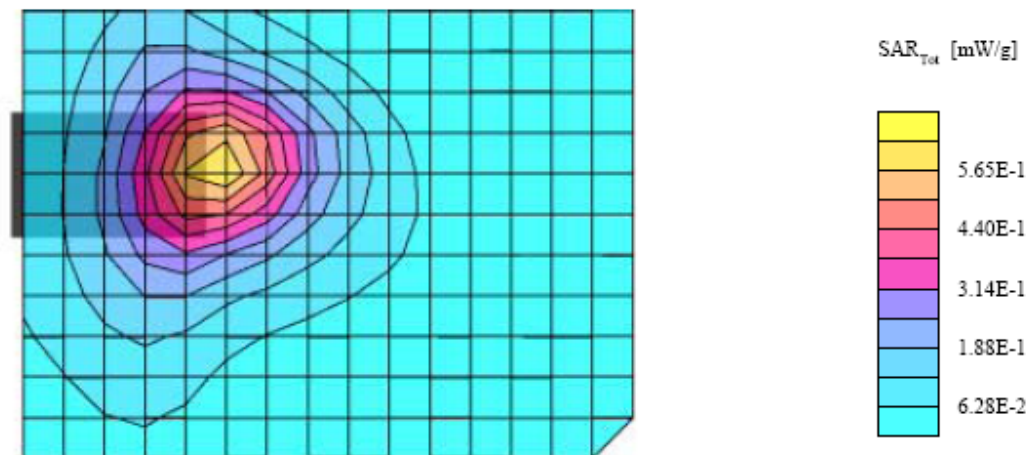
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97 \text{ mho/m}$ ,  $\epsilon_r = 55.3$ ,  $\rho = 1.31 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.600 mW/g, SAR (10g): 0.391 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.00 dB



## Acer Without headset (Plot #6)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, Keyboard side facing phantom, EUT top side facing phantom, antenna parallel with phantom bottom, Middle Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

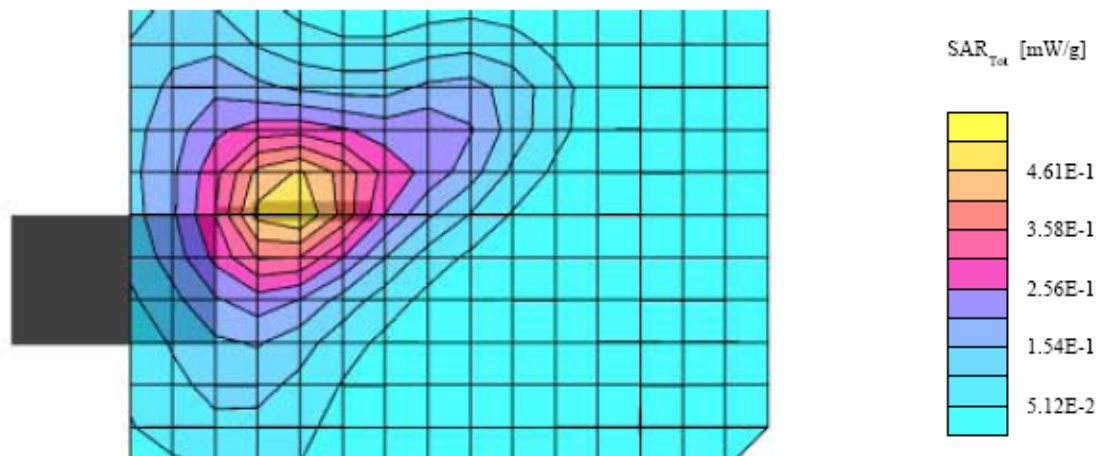
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97 \text{ mho/m}$ ,  $\epsilon_r = 55.3$ ,  $\rho = 1.31 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.501 mW/g, SAR (10g): 0.333 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.03 dB



## Acer Without headset (Plot #7)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, Keyboard side facing phantom, EUT top side facing phantom, antenna pointing into and perpendicular with phantom bottom gaped 1.5 cm, Middle Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

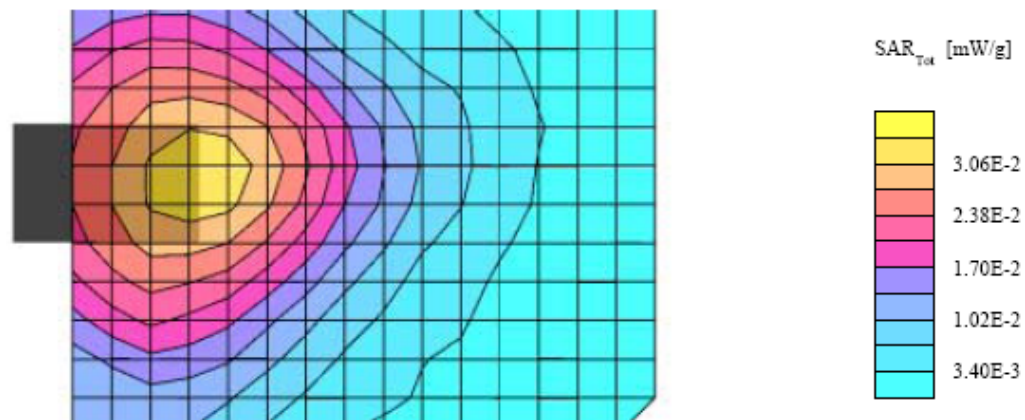
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0322 mW/g, SAR (10g): 0.0234 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: -0.02 dB



## Acer Without headset (Plot #8)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, Left side edge of laptop facing phantom, EUT top side facing phantom, antenna pointing parallel out and perpendicular with phantom bottom gaped 1.5 cm, Middle Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

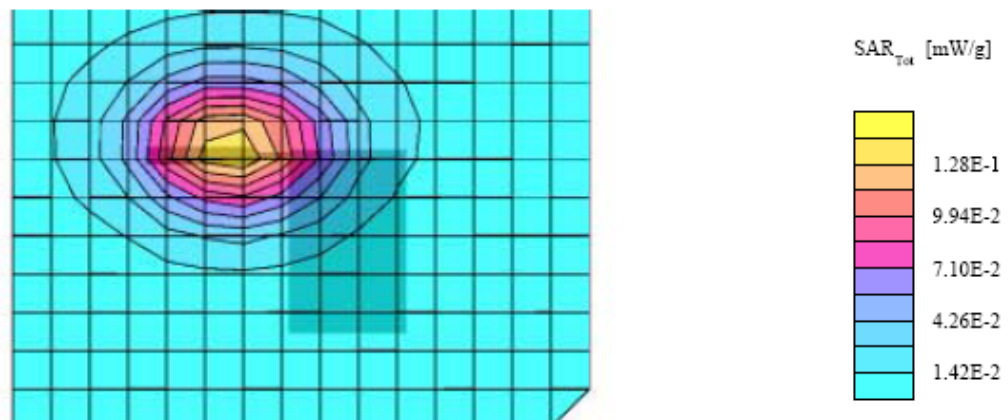
SAM Phantom; Flat Section; Position: (90°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10, 6.10, 6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.139 mW/g, SAR (10g): 0.0910 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.01 dB



## Toshiba with headset (Plot #9)

Mason Electronics, Model: MM-5100U (Notebook Model: Toshiba, Bottom side facing phantom, EUT bottom side facing phantom, antenna pointing down and perpendicular with phantom bottom with headset, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

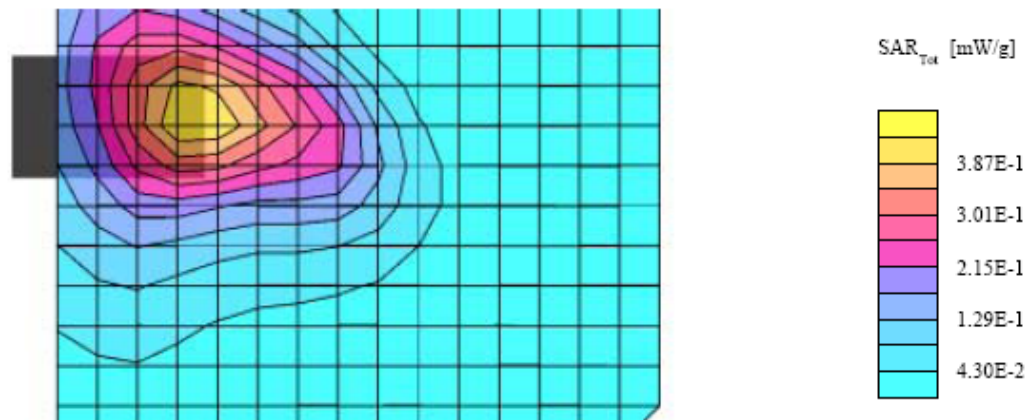
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.437 mW/g, SAR (10g): 0.296 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.02 dB



## Toshiba with headset (Plot #10)

Mason Electronics, Model: MM-5100U (Notebook Model: Toshiba, Bottom side facing phantom, EUT top side facing phantom, antenna parallel with phantom bottom with headset, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

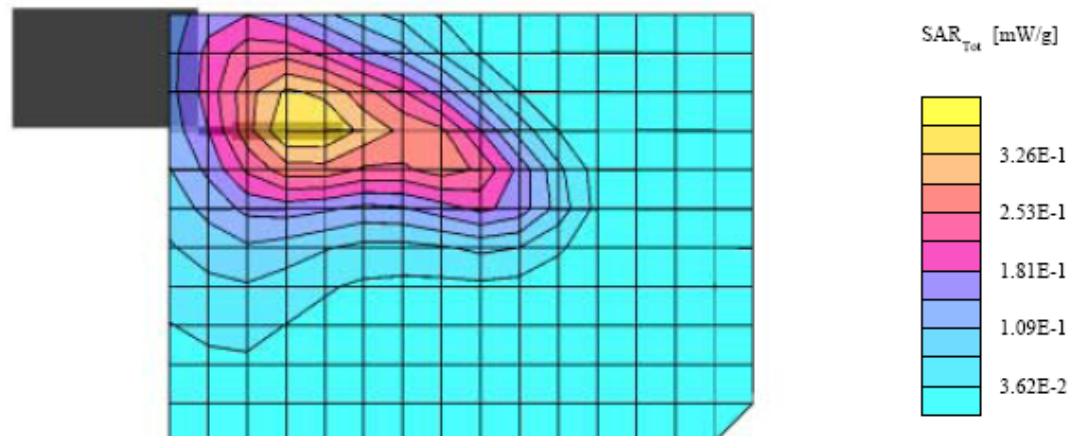
SAM Phantom; Flat Section; Position: (90°,90°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.370 mW/g, SAR (10g): 0.252 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: -0.00 dB





## Toshiba with headset (Plot #11)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, Keyboard side facing phantom, EUT top side facing phantom, antenna pointing into and perpendicular with phantom bottom gaped 1.5 cm with headset, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

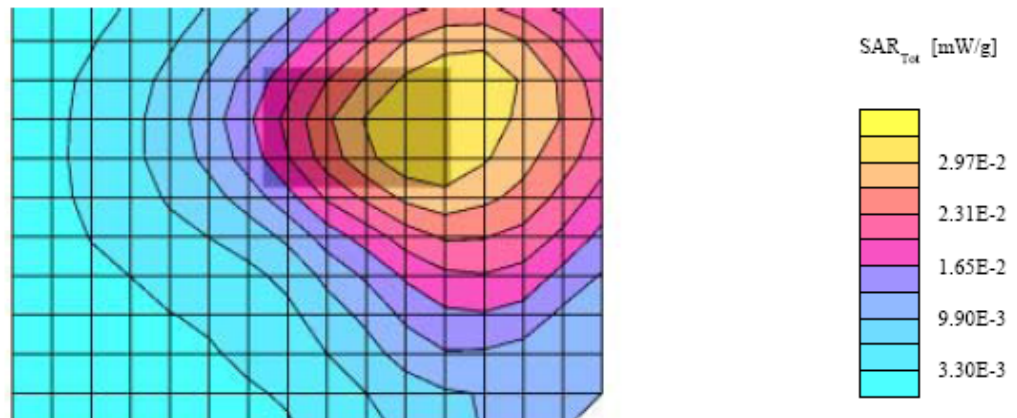
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0334 mW/g, SAR (10g): 0.0241 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.04 dB





## Toshiba with headset (Plot #12)

Mason Electronics, Model: MM-5100U (Notebook Model: Toshiba, Left side edge of laptop facing phantom, EUT top side facing phantom, antenna pointing parallel out and perpendicular with phantom bottom gaped 1.5 cm with headset, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

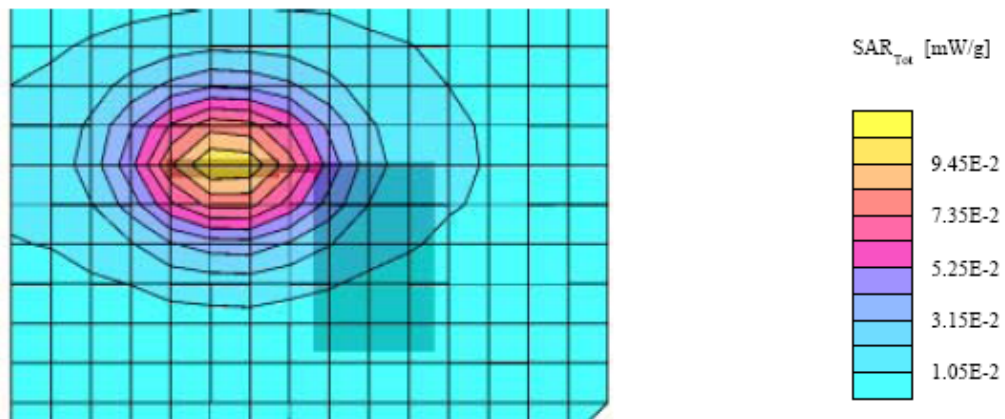
SAM Phantom; Flat Section; Position: (90°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10, 6.10, 6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.103 mW/g, SAR (10g): 0.0684 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: -0.02 dB



## Toshiba without headset (Plot #13)

Mason Electronics, Model: MM-5100U (Notebook Model: Acer, Keyboard side facing phantom, EUT top side facing phantom, antenna pointing into and perpendicular with phantom bottom gaped 1.5 cm, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

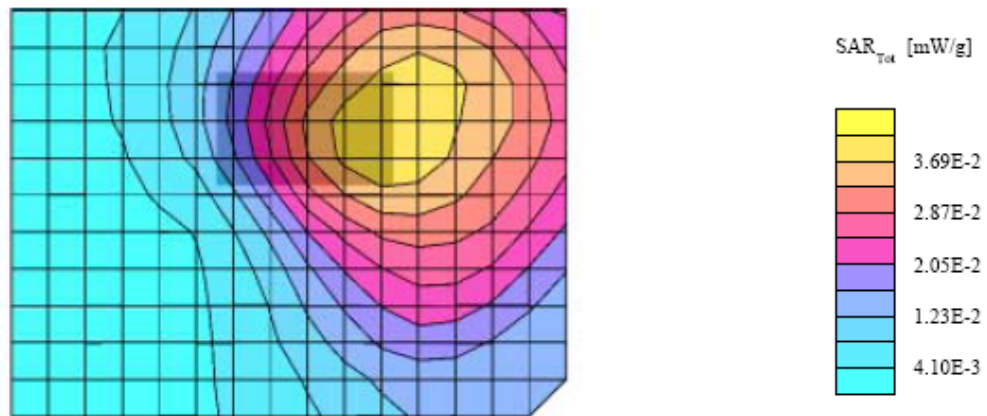
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0414 mW/g, SAR (10g): 0.0299 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.01 dB



## Toshiba without headset (Plot #14)

Mason Electronics, Model: MM-5100U (Notebook Model: Toshiba, Bottom side facing phantom, EUT bottom side facing phantom, antenna pointing down and perpendicular with phantom bottom, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

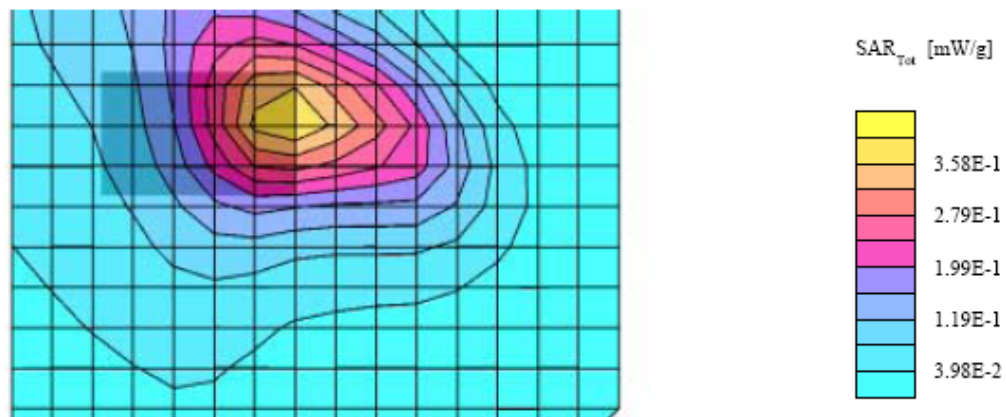
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10, 6.10, 6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.398 mW/g, SAR (10g): 0.269 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: -0.01 dB



## Toshiba without headset (Plot #15)

Mason Electronics, Model: MM-5100U (Notebook Model: Toshiba, Bottom side facing phantom, EUT top side facing phantom, antenna parallel with phantom bottom, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

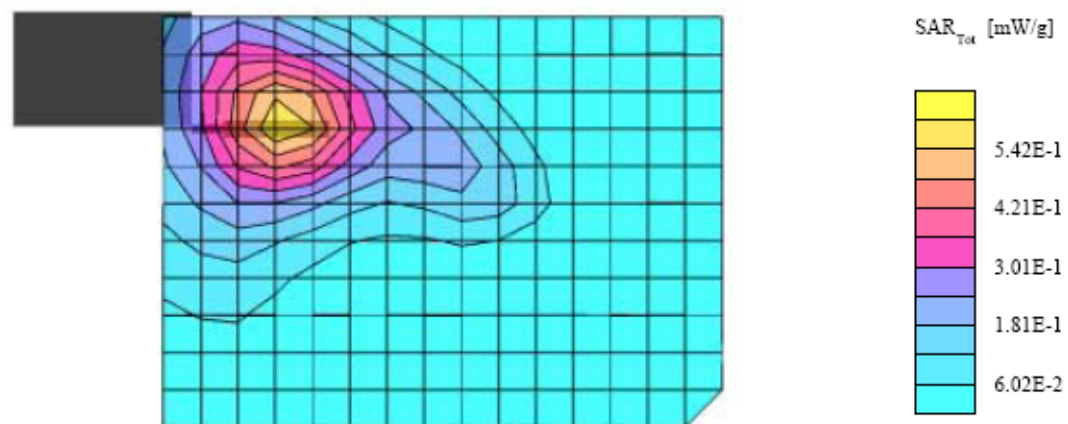
SAM Phantom; Flat Section; Position: (90°, 90°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95 \text{ mho/m}$ ,  $\epsilon_r = 53.3$ ,  $\rho = 1.31 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.554 mW/g, SAR (10g): 0.366 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.00 dB



## Toshiba without headset (Plot #16)

Mason Electronics, Model: MM-5100U (Notebook Model: Toshiba, Left side edge of laptop facing phantom, EUT top side facing phantom, antenna pointing parallel out and perpendicular with phantom bottom gaped 1.5 cm, Middle Channel, Ambient Temp = 22 Deg C, Liquid Temp = 21 Deg C, 1/30/2004)

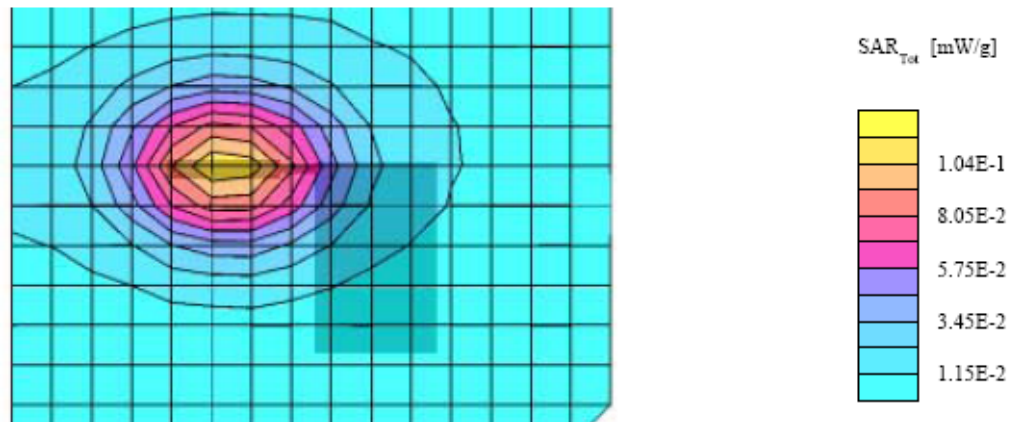
SAM Phantom; Flat Section; Position: (90°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.95$  mho/m  $\epsilon_r = 53.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.108 mW/g, SAR (10g): 0.0721 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.01 dB



## Compal with headset (Plot #17)

Mason Electronics, Model: MM-5100U (Notebook Model: Compal, Bottom side facing phantom, EUT bottom side facing phantom, antenna pointing down and perpendicular with phantom bottom with headset, Middle Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

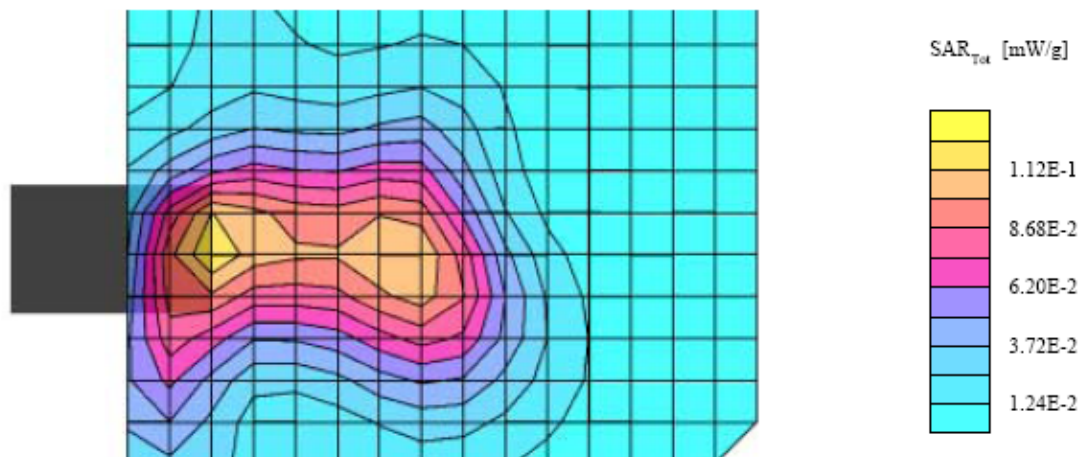
SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.122 mW/g, SAR (10g): 0.0789 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: 0.01 dB



## Compal with headset (Plot #18)

Mason Electronics, Model: MM-5100U (Notebook Model: Compal, Keyboard side facing phantom, EUT top side facing phantom, antenna parallel with phantom bottom with headset, Mid Channel, Ambient Temp = 23 Deg C, Liquid Temp = 21 Deg C, 1/29/2004)

SAM Phantom; Flat Section; Position: (270°, 270°); Frequency: 836 MHz

Probe: ES3DV2 - SN3019; ConvF(6.10,6.10,6.10); Crest factor: 1.0; (Body) 835 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 55.3$   $\rho = 1.31$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.595 mW/g, SAR (10g): 0.393 mW/g, (Worst-case extrapolation)

Coarse: Dx = 12.0, Dy = 12.0, Dz = 10.0

Powerdrift: -0.00 dB

