

# SAMSUNG\_S160; Flat position; Frequency: 2412 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

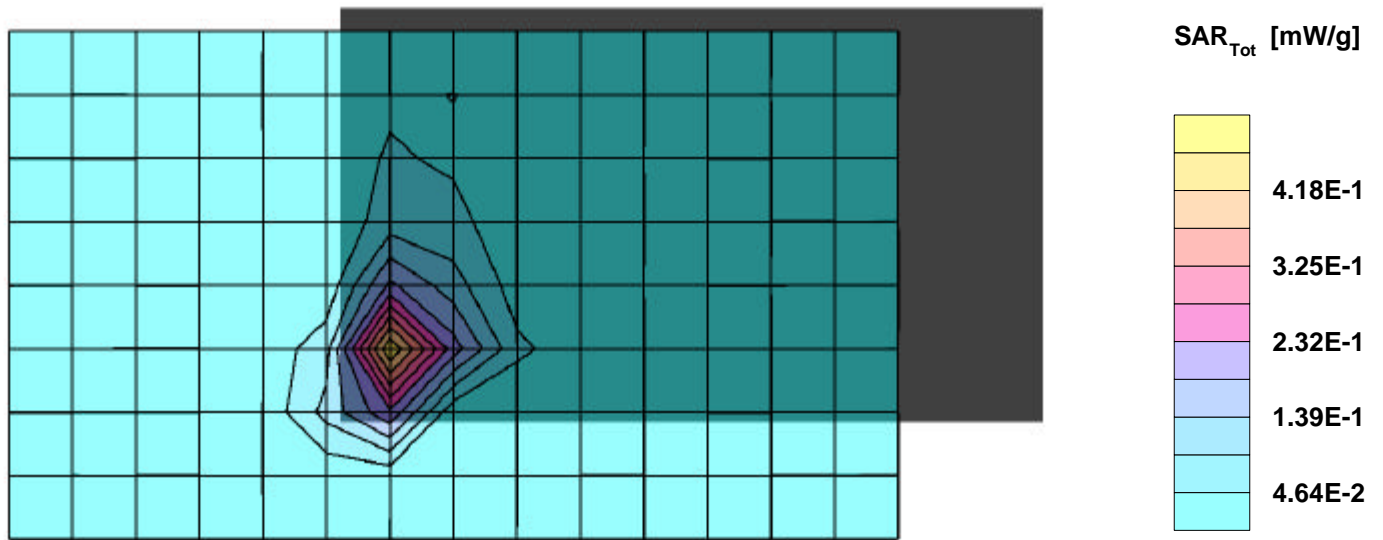
SAR:Cube 5x5x7: Peak: 1.15 mW/g, SAR (1g): 0.507 mW/g, SAR (10g): 0.206 mW/g, (Worst-case extrapolation)

Penetration depth: 6.8 (6.4, 8.0) [mm]; Powerdrift: 0.06 dB

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

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.7



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2412 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

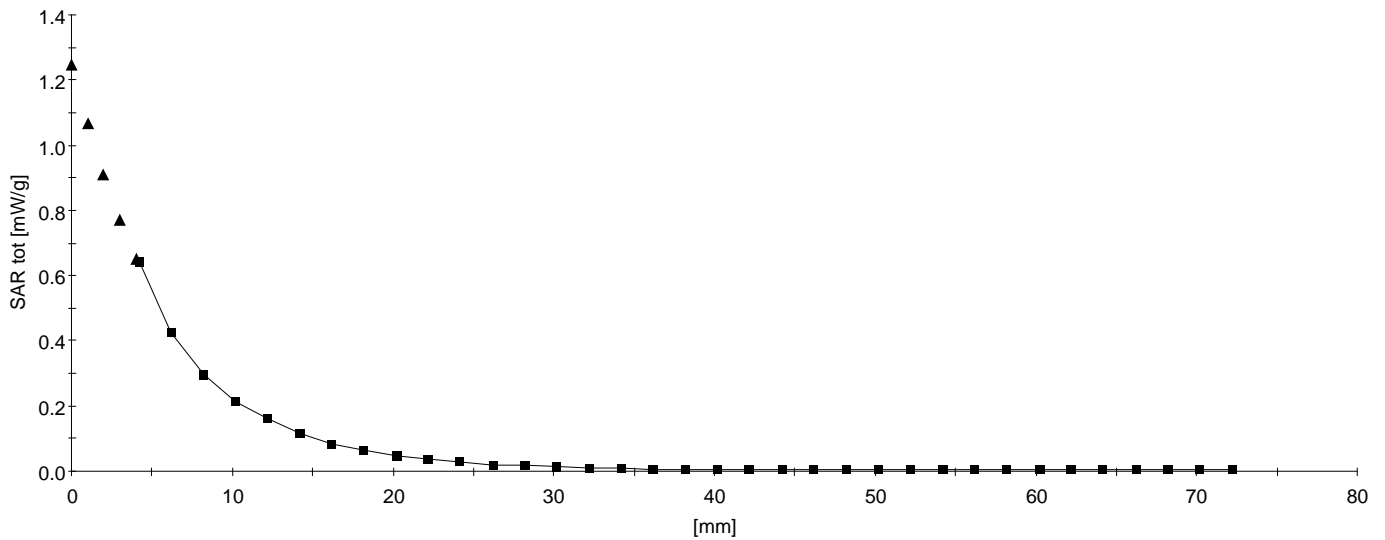
SAR: , , ()

Penetration depth: 5.7 (5.4, 6.5) [mm];

Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 2.0$

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.7



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2437 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

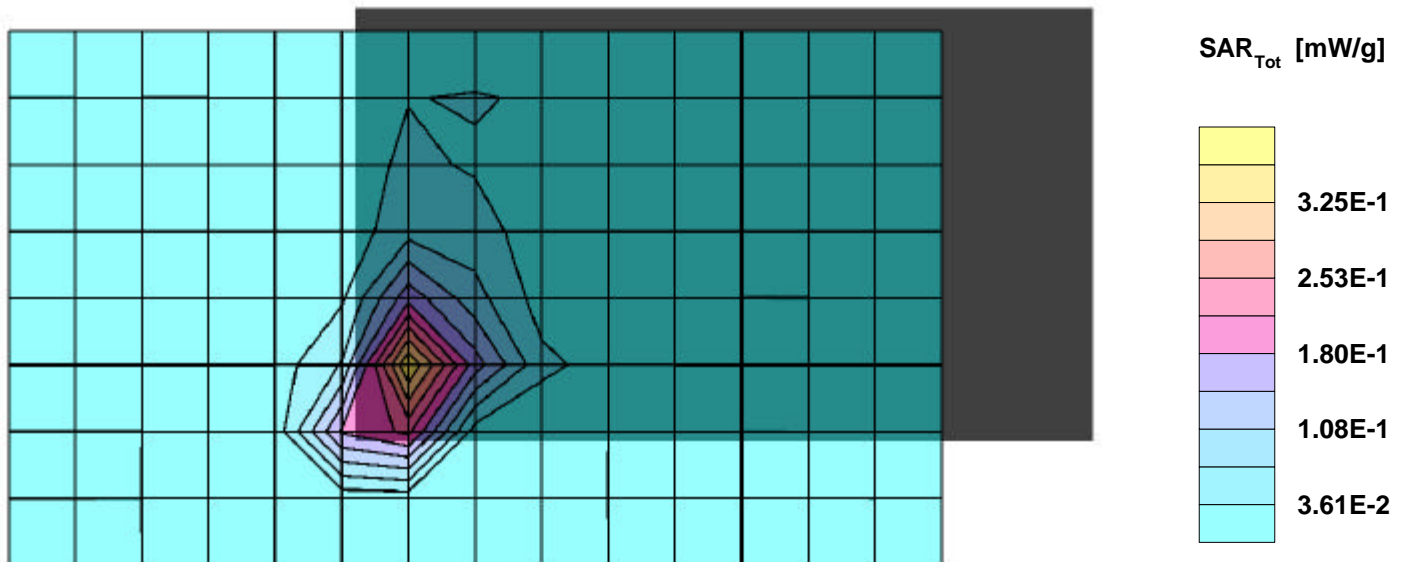
SAR:Cube 5x5x7: Peak: 1.19 mW/g, SAR (1g): 0.501 mW/g, SAR (10g): 0.196 mW/g, (Worst-case extrapolation)

Penetration depth: 7.2 (6.8, 8.2) [mm]; Powerdrift: -0.18 dB

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

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.8



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2437 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

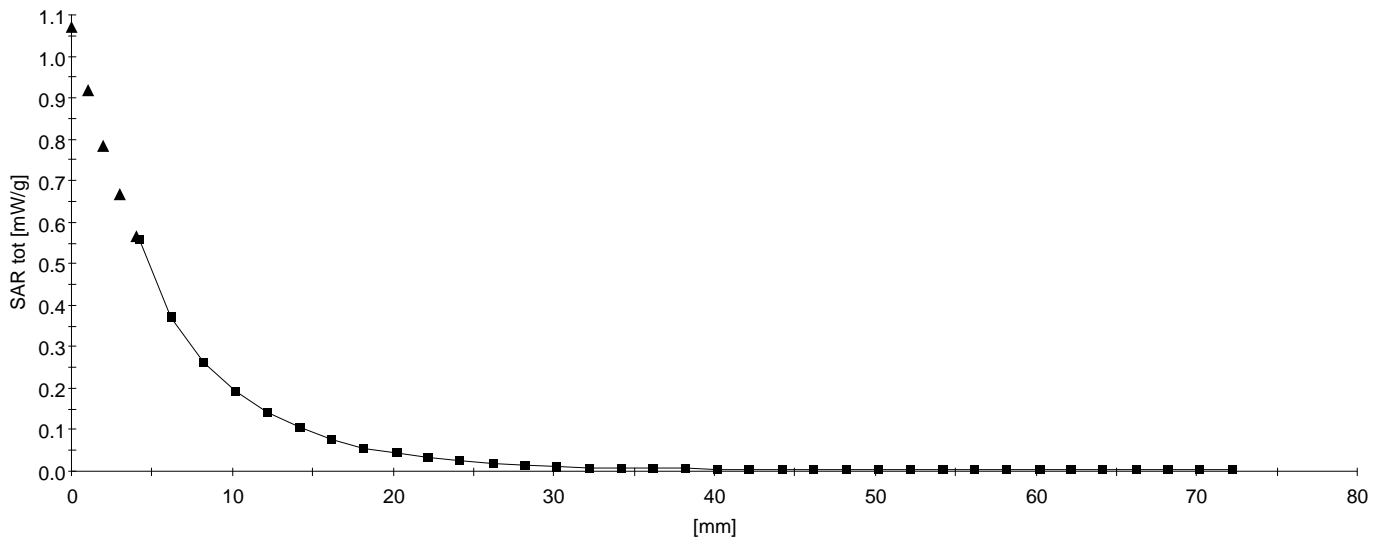
SAR: , , ()

Penetration depth: 5.8 (5.5, 6.5) [mm];

Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 2.0$

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.8



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2437 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

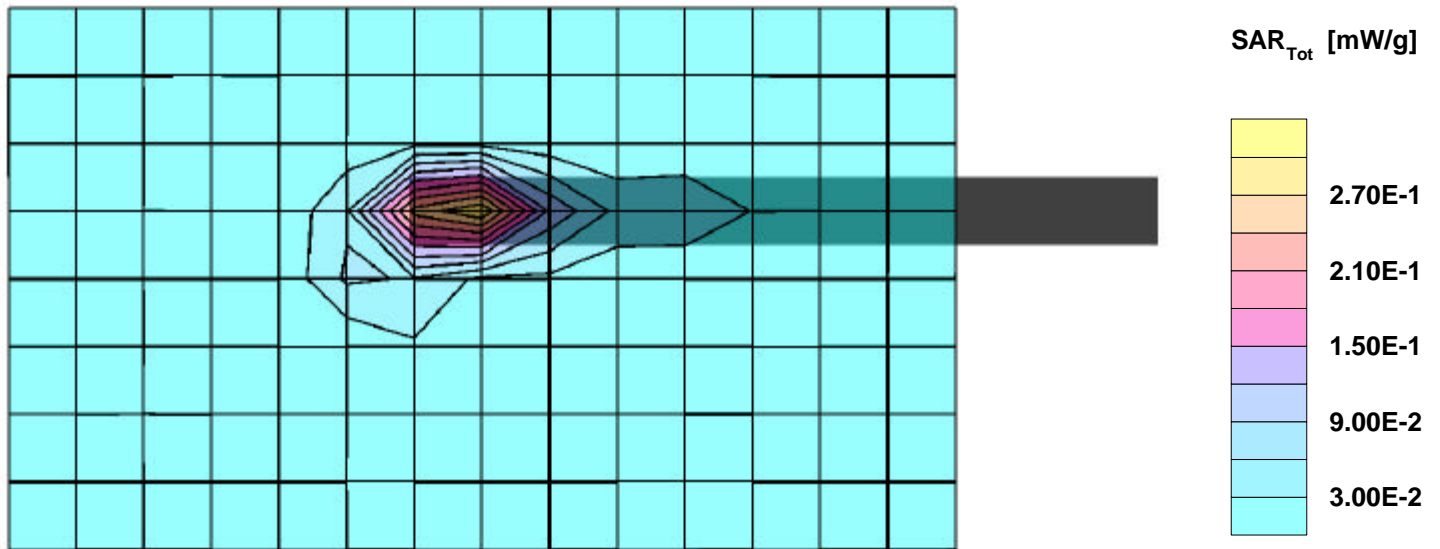
SAR:Cube 5x5x7: Peak: 0.808 mW/g, SAR (1g): 0.306 mW/g, SAR (10g): 0.125 mW/g, (Worst-case extrapolation)

Penetration depth: 6.4 (6.3, 6.7) [mm]; Powerdrift: 0.06 dB

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

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.5



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2437 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

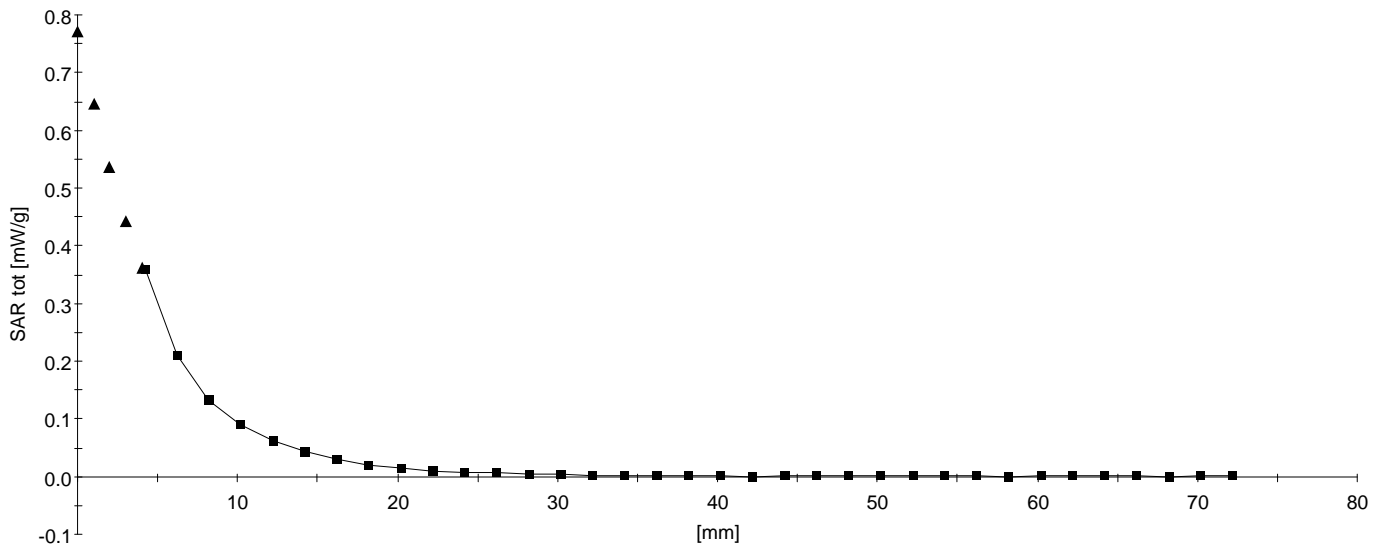
SAR: , , ()

Penetration depth: 4.4 (4.0, 5.2) [mm];

Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 2.0$

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.5



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2462 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $\sigma = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

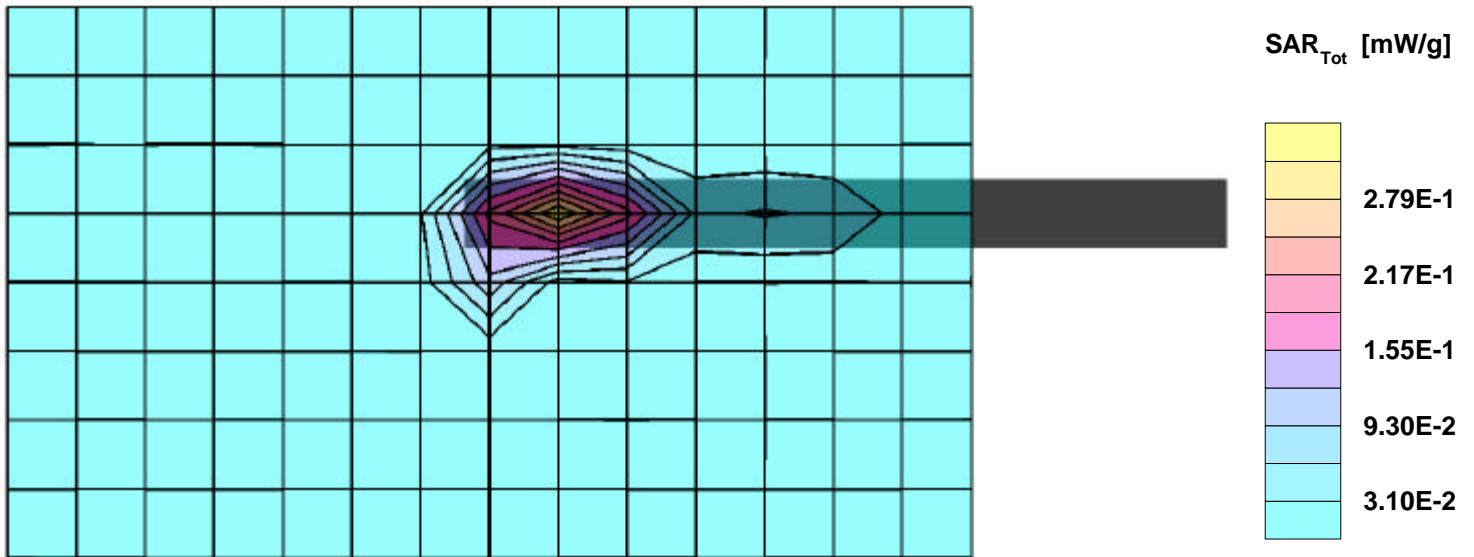
SAR:Cube 5x5x7: Peak: 0.831 mW/g, SAR (1g): 0.325 mW/g, SAR (10g): 0.133 mW/g, (Worst-case extrapolation)

Penetration depth: 6.9 (6.8, 7.1) [mm]; Powerdrift: 0.05 dB

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

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.5



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2462 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Muscle 2450 MHz:  $s = 2.04$  mho/m  $\epsilon_r = 50.6$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);

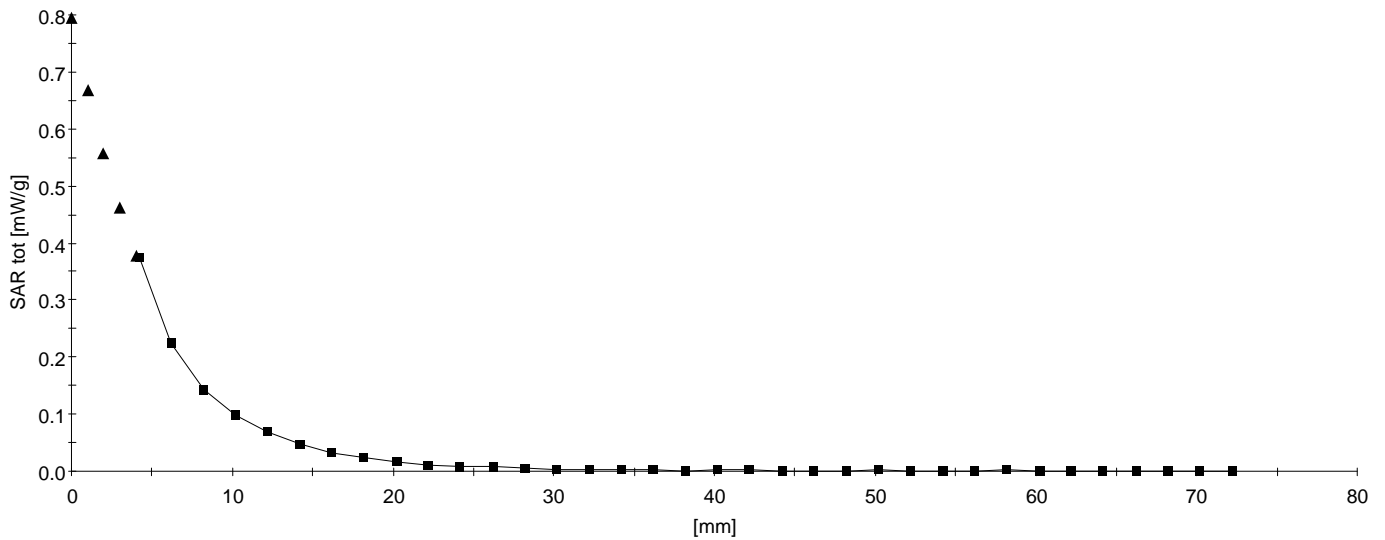
SAR: , , ()

Penetration depth: 4.5 (4.2, 5.3) [mm];

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 20.5



# SAMSUNG\_S160; Flat position; Frequency: 2412 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz:  $s = 1.88$  mho/m  $\epsilon_r = 38.3$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

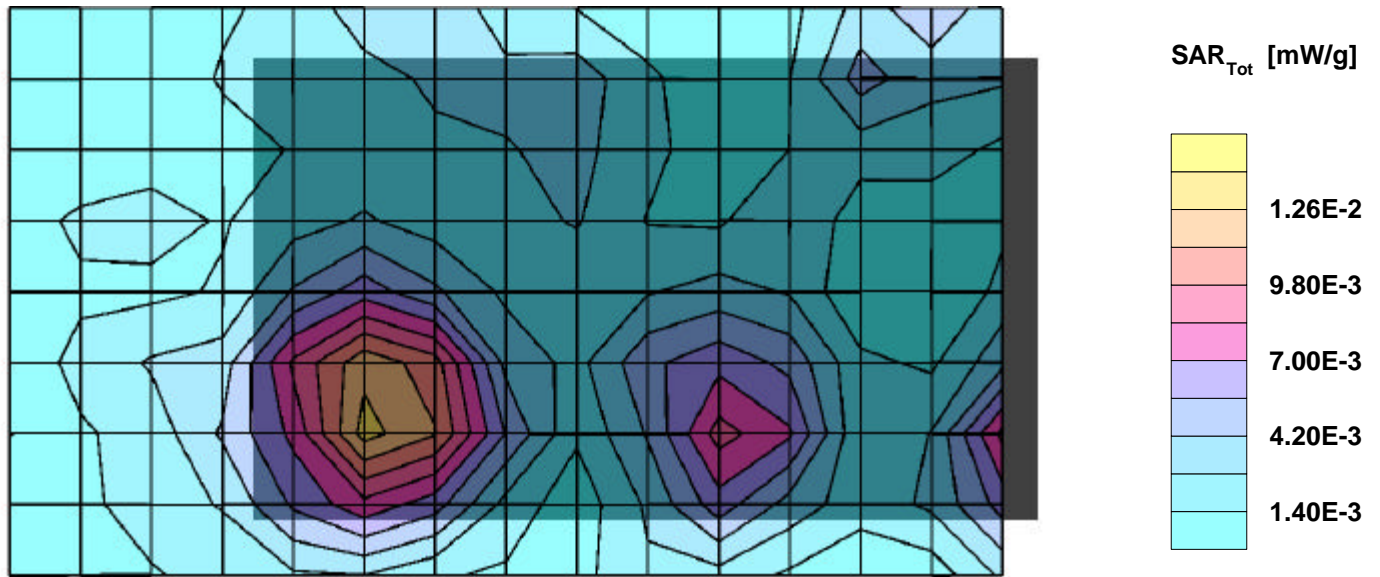
SAR:Cube 5x5x7: Peak: 0.0304 mW/g, SAR (1g): 0.0140 mW/g, SAR (10g): 0.0075 mW/g, (Worst-case extrapolation)

Penetration depth: 8.6 (6.2, 13.4) [mm]; Powerdrift: -0.19 dB

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

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 21.0



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2412 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz:  $s = 1.88$  mho/m  $\epsilon_r = 38.3$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

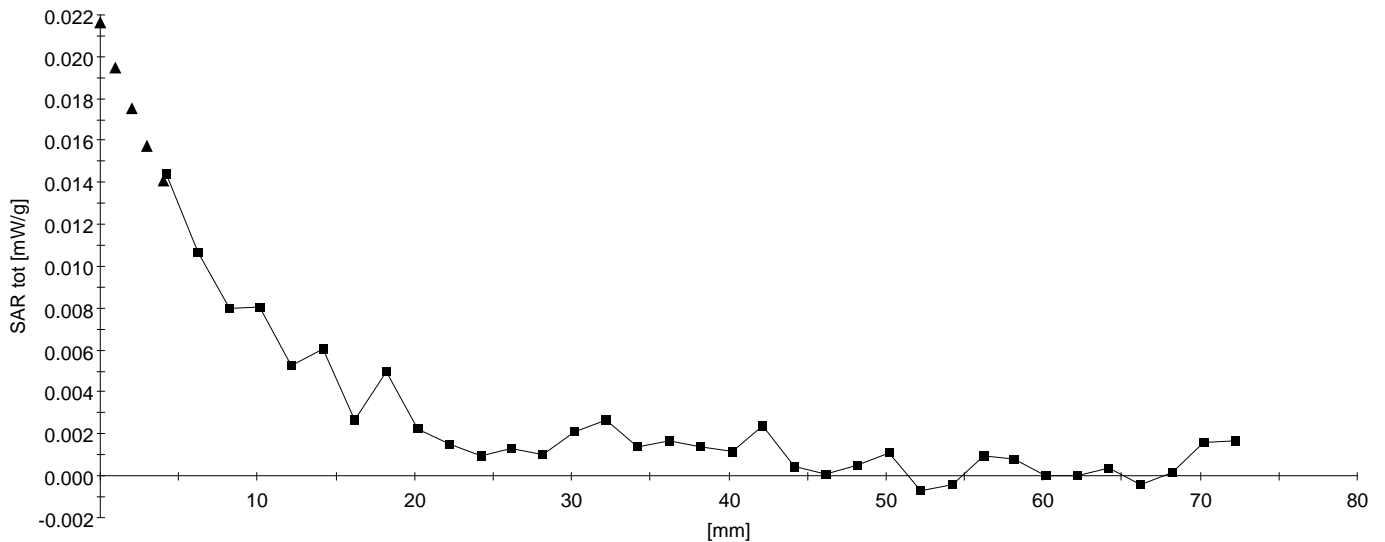
SAR: , , ()

Penetration depth: 9.4 (9.3, 9.6) [mm];

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 21.0



07/01/02

## SAMSUNG\_S160; Flat position; Frequency: 2437 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz:  $s = 1.88$  mho/m  $\epsilon_r = 38.3$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

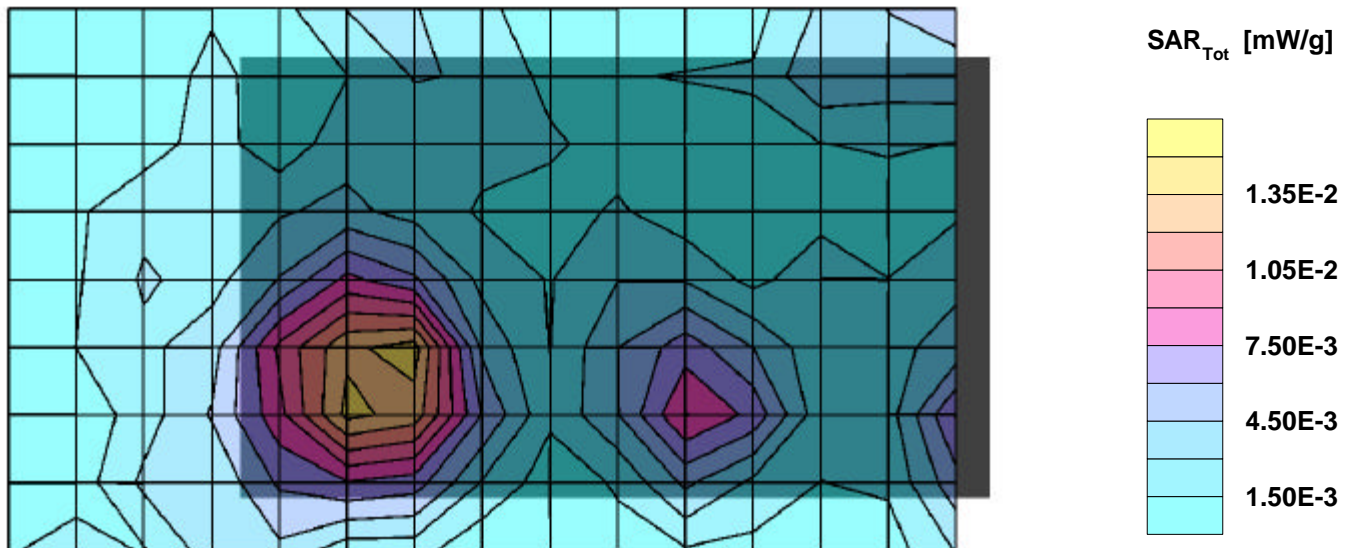
SAR:Cube 5x5x7: Peak: 0.0288 mW/g, SAR (1g): 0.0161 mW/g, SAR (10g): 0.0094 mW/g, (Worst-case extrapolation)

Penetration depth: 9.7 (8.9, 11.1) [mm]; Powerdrift: 0.16 dB

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

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 21.2



# SAMSUNG\_S160; Flat position; Frequency: 2437 MHz

Frequency: 2450 MHz; Crest factor: 2.0

Medium: Head 2450MHz:  $s = 1.88$  mho/m  $\epsilon_r = 38.3$   $\rho = 1.00$  g/cm<sup>3</sup>

SAM Phantom; Section; Position:

Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);

SAR: , , ()

Penetration depth: 8.7 (8.4, 9.1) [mm];

Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 2.0$

Ambient Temperature (degree C): 22.5

Liquid Temperature (degree C): 21.2

