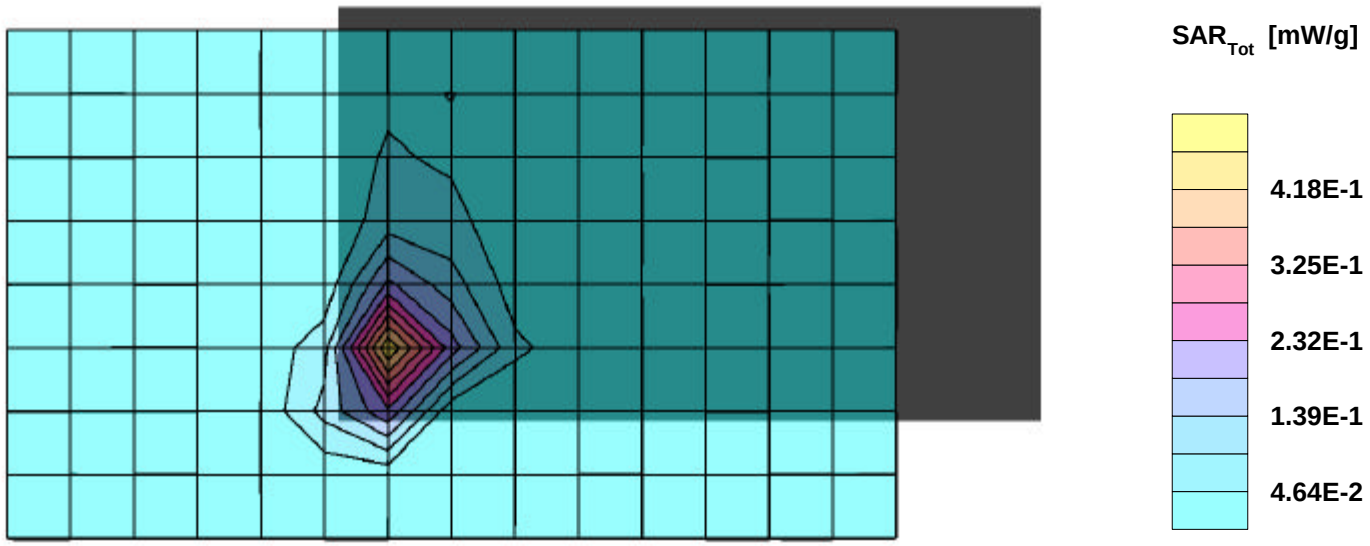
# SAMSUNG_S160;  Flat position; Frequency: 2412 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $\varepsilon_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:Cube 5x5x7: Peak: 1.14  mW/g, SAR (1g): 0.503  mW/g, SAR (10g): 0.205 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**

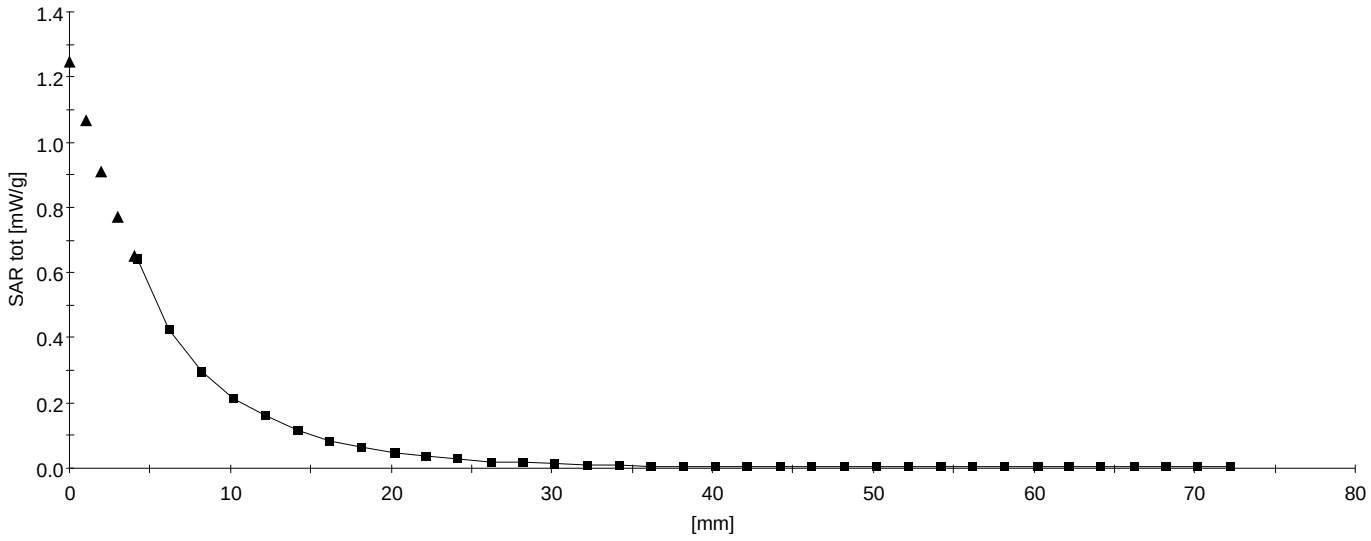
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.7**



# SAMSUNG_S160;  Flat position; Frequency: 2412 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $_s$ = 2.04 mho/m $e_r$ = 50.6 $_r$ = 1.00 g/cm³**
**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: Dx = 0.0, Dy = 0.0, Dz = 2.0**

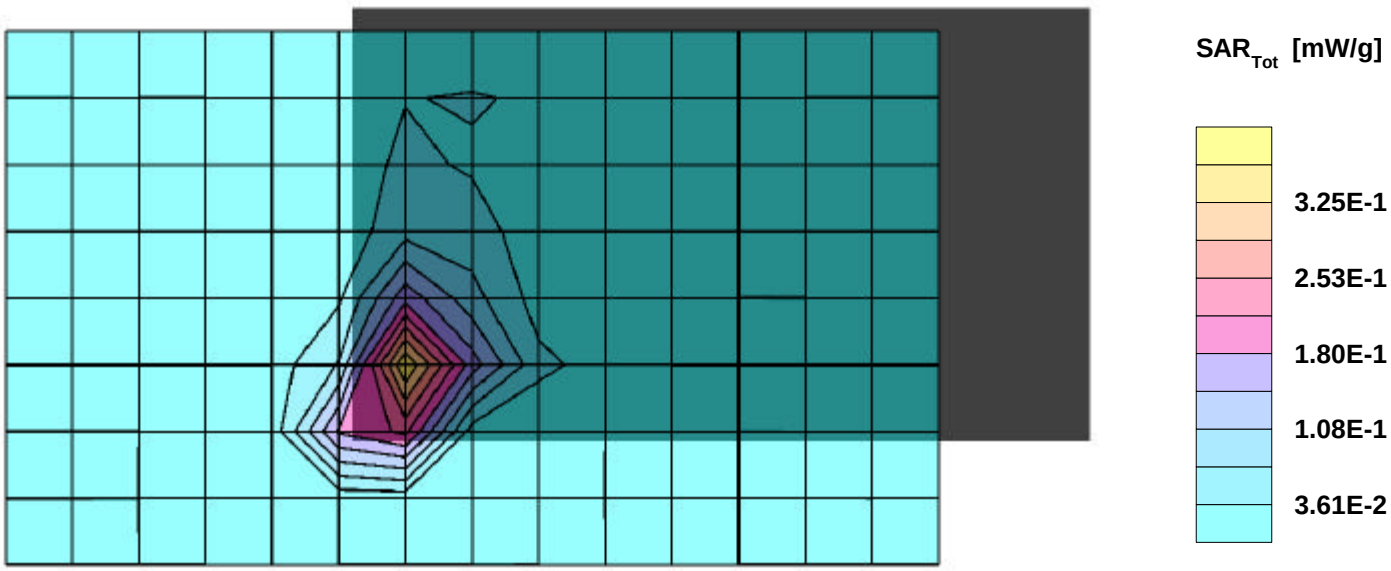
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.7**



# SAMSUNG_S160;  Flat position; Frequency: 2437 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $e_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:Cube 5x5x7: Peak: 1.18  mW/g, SAR (1g): 0.496 mW/g, SAR (10g): 0.195 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**

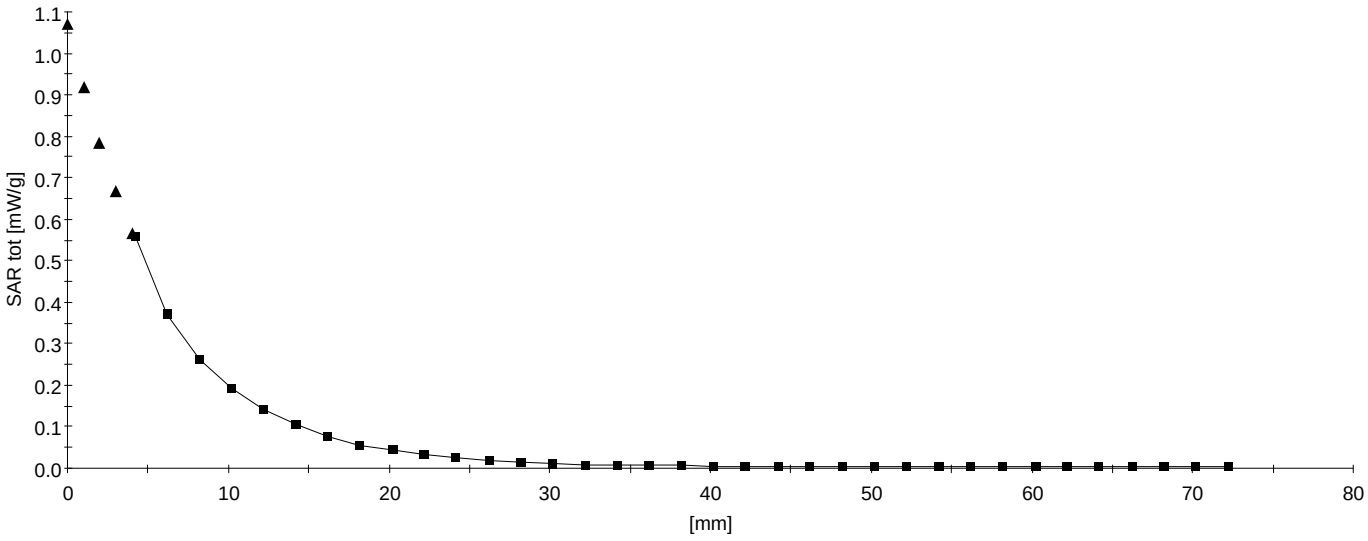
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.8**



# SAMSUNG_S160;  Flat position; Frequency: 2437 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $\varepsilon_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**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: Dx = 0.0, Dy = 0.0, Dz = 2.0**

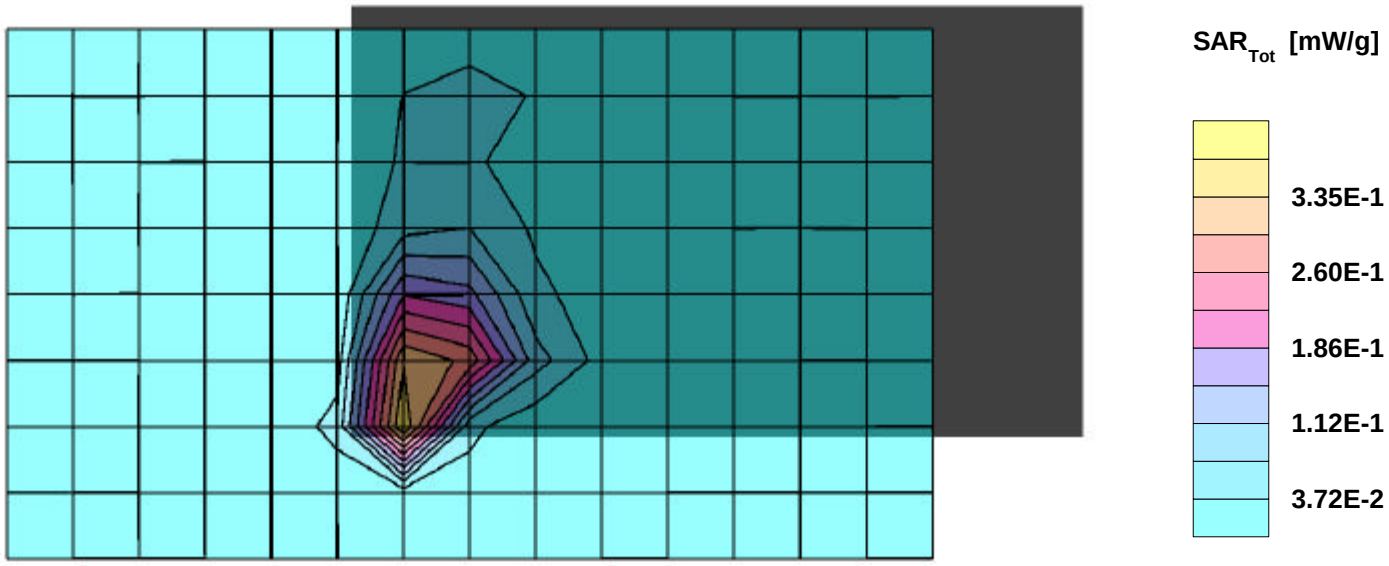
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.8**



# SAMSUNG_S160;  Flat (body) position; Frequency: 2462MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $\varepsilon_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:Cube 5x5x7: Peak: 1.28  mW/g, SAR (1g): 0.521  mW/g, SAR (10g): 0.191  mW/g, (Worst-case extrapolation)**
**Penetration depth: 5.5 (5.2, 6.1) [mm]; Powerdrift: -0.07 dB**
**Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0**

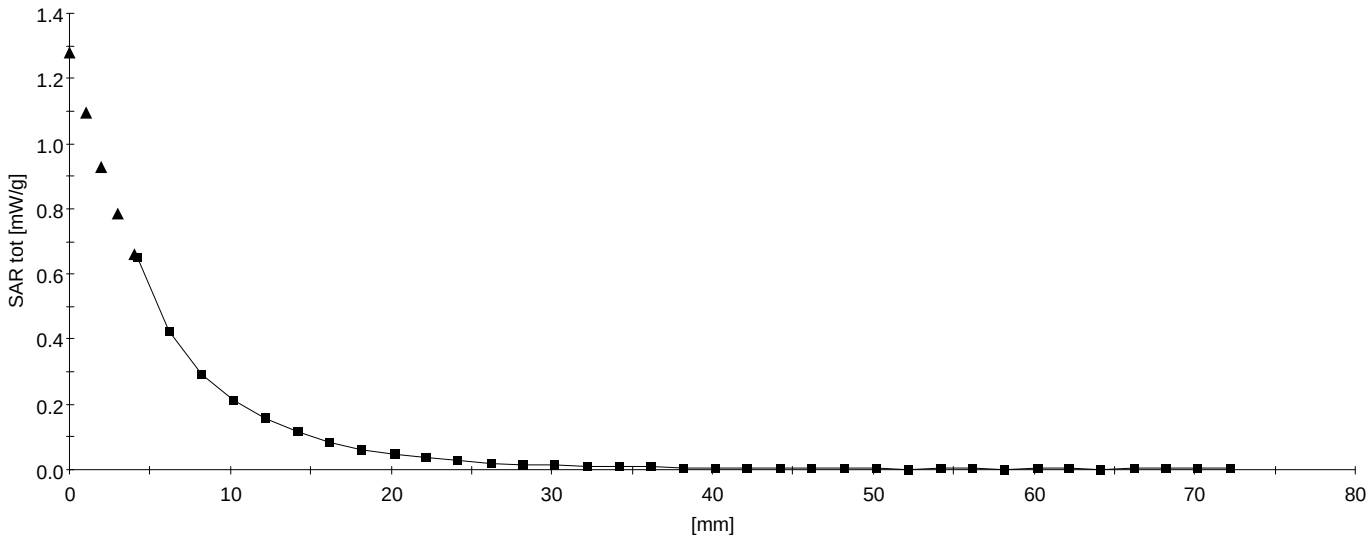
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.5**



# SAMSUNG_S160;  Flat (body) position; Frequency: 2462MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $e_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom;  Section; Position:**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:: , , ()**
**Penetration depth: 5.6 (5.3, 6.4) [mm];**
**Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0**

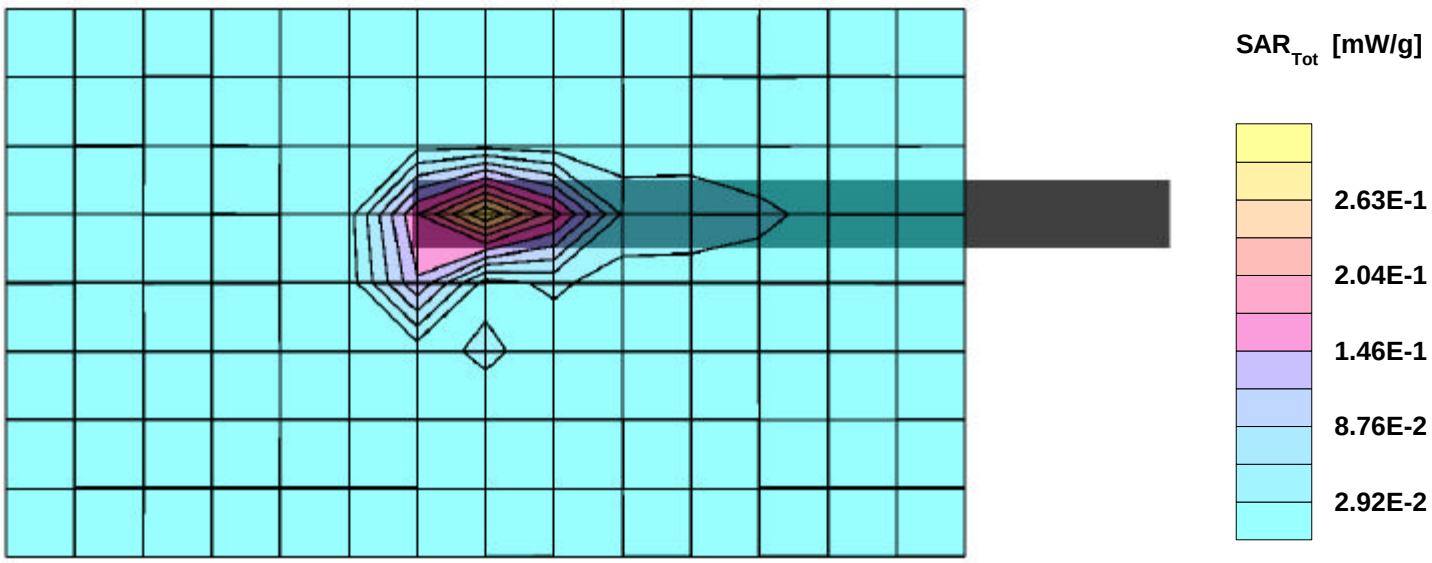
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.5**



# SAMSUNG_S160;  Flat (body) position; Frequency: 2412MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $\varepsilon_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:Cube 5x5x7: Peak: 0.823 mW/g, SAR (1g): 0.330  mW/g, SAR (10g): 0.134  mW/g, (Worst-case extrapolation)**
**Penetration depth: 6.9 (6.8, 7.1) [mm]; Powerdrift: -0.09 dB**
**Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0**

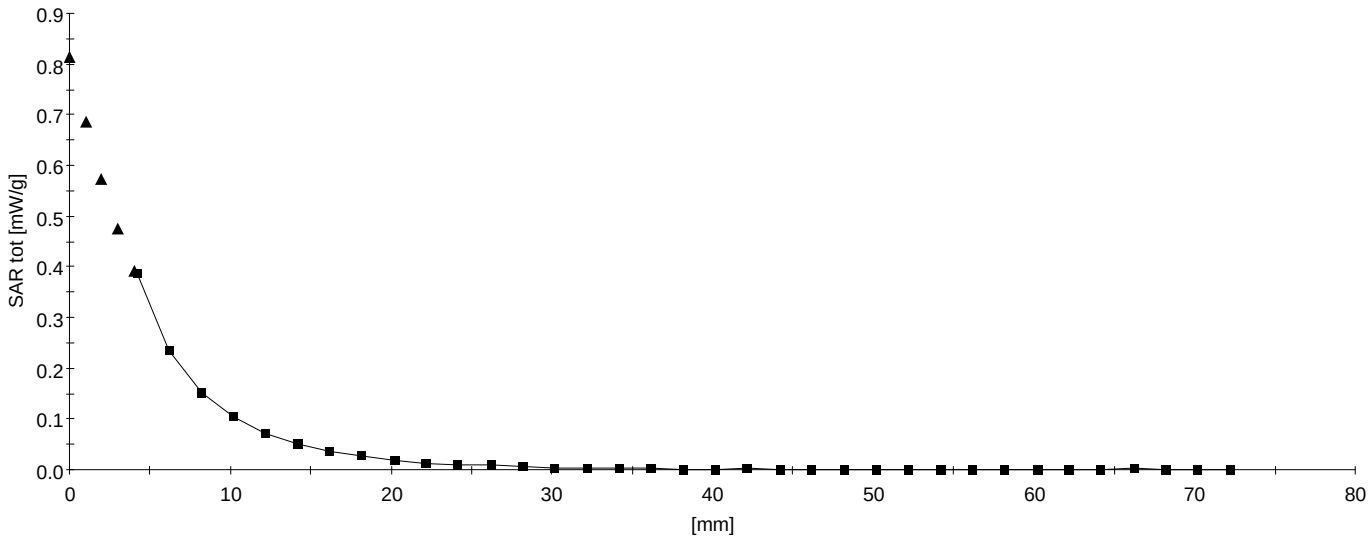
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.7**



# SAMSUNG_S160;  Flat (body) position; Frequency: 2412MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $_s$ = 2.04 mho/m $e_r$ = 50.6 $_r$ = 1.00 g/cm³**
**SAM Phantom;  Section; Position:**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:: , , ()**
**Penetration depth: 4.7 (4.3, 5.5) [mm];**
**Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0**

**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.7**

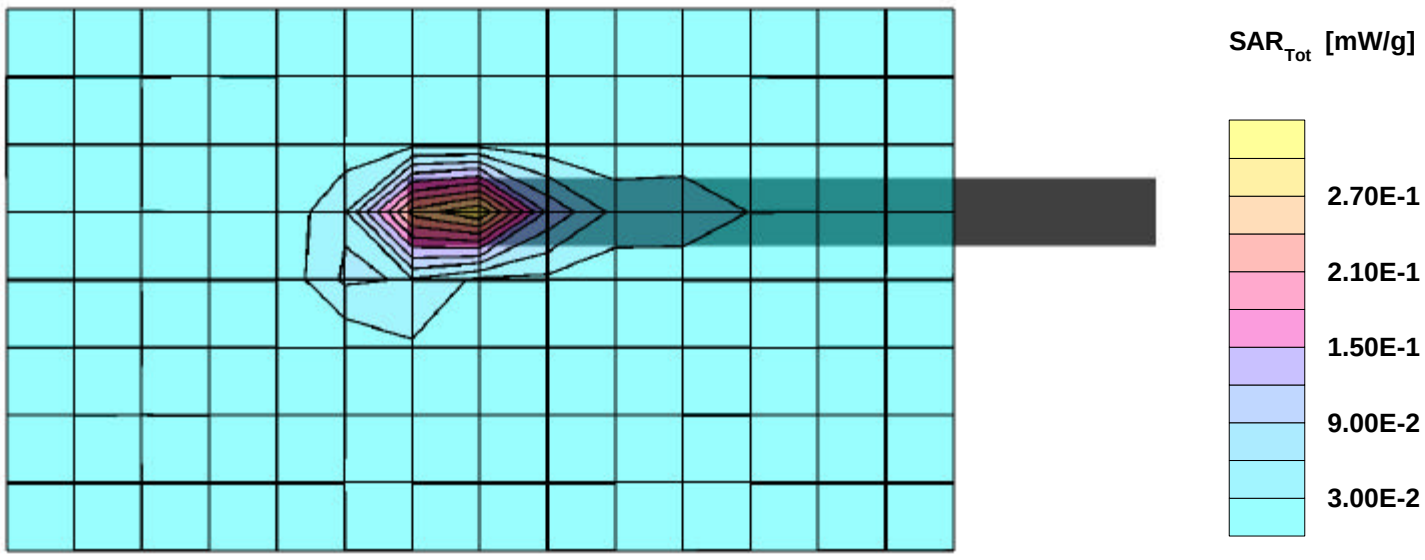


# SAMSUNG_S160;  Flat position; Frequency: 2437 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $e_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:Cube 5x5x7: Peak: 0.801  mW/g, SAR (1g): 0.304mW/g, SAR (10g): 0.124  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**

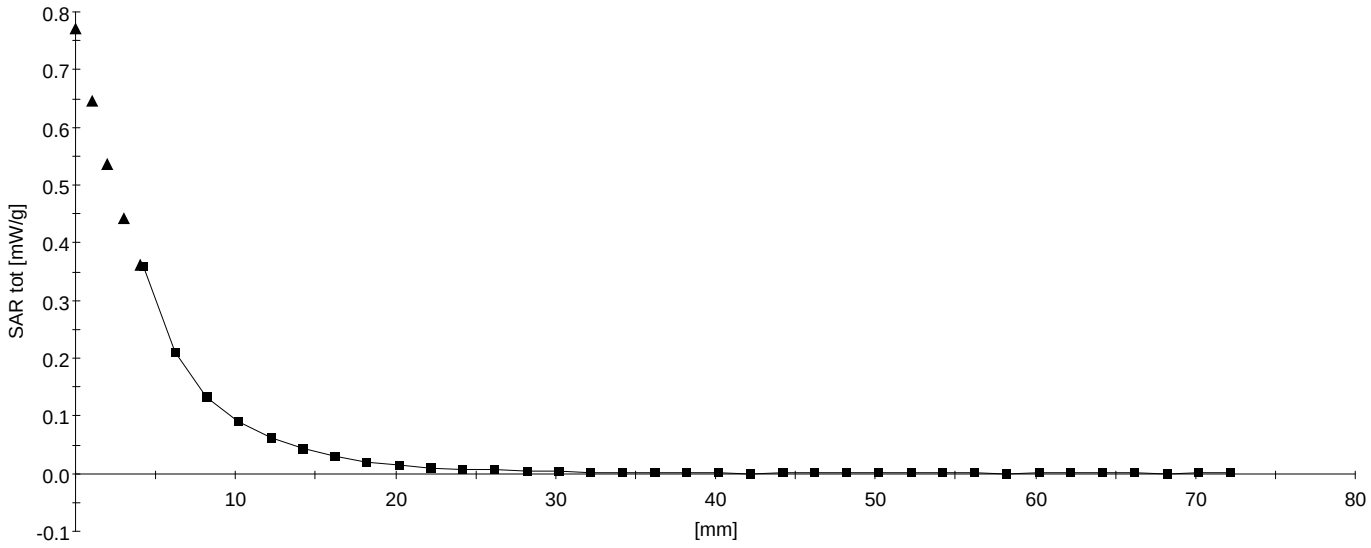
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.5**



# SAMSUNG_S160;  Flat position; Frequency: 2437 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $\varepsilon_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**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: Dx = 0.0, Dy = 0.0, Dz = 2.0**

**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.5**

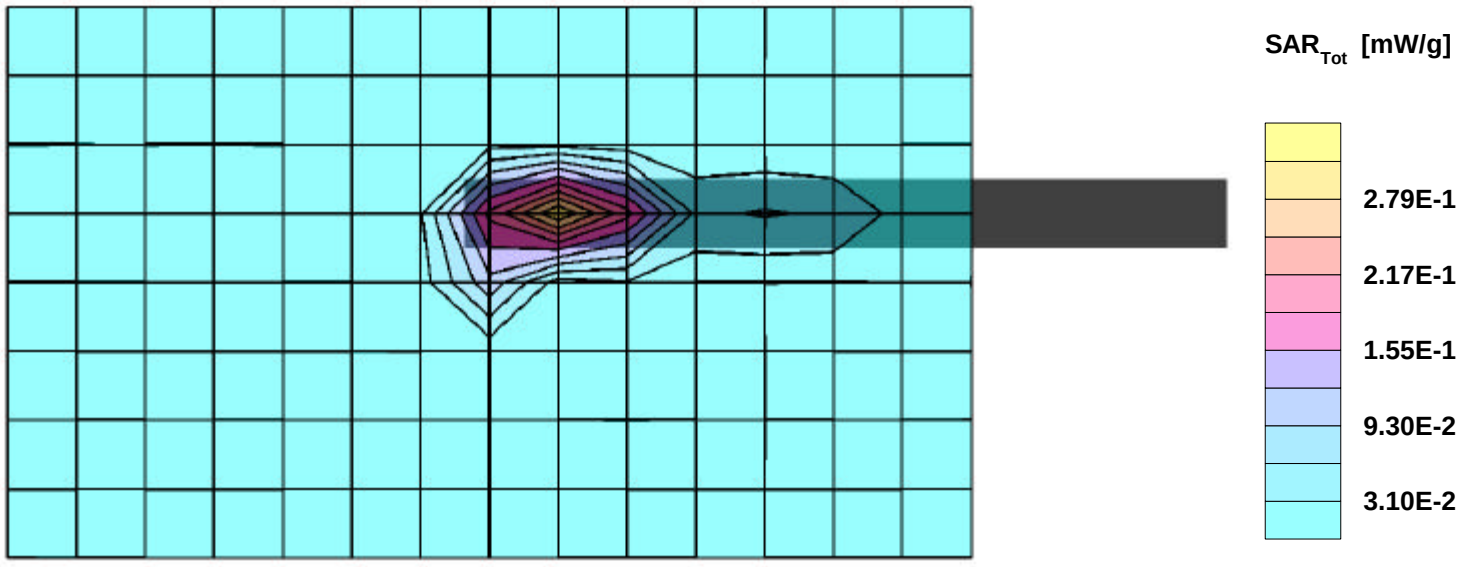


# SAMSUNG_S160;  Flat position; Frequency: 2462 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $\sigma$ = 2.04 mho/m $\varepsilon_r$ = 50.6 $\rho$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.10,4.10,4.10);**
**SAR:Cube 5x5x7: Peak: 0.824  mW/g, SAR (1g): 0.322 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**

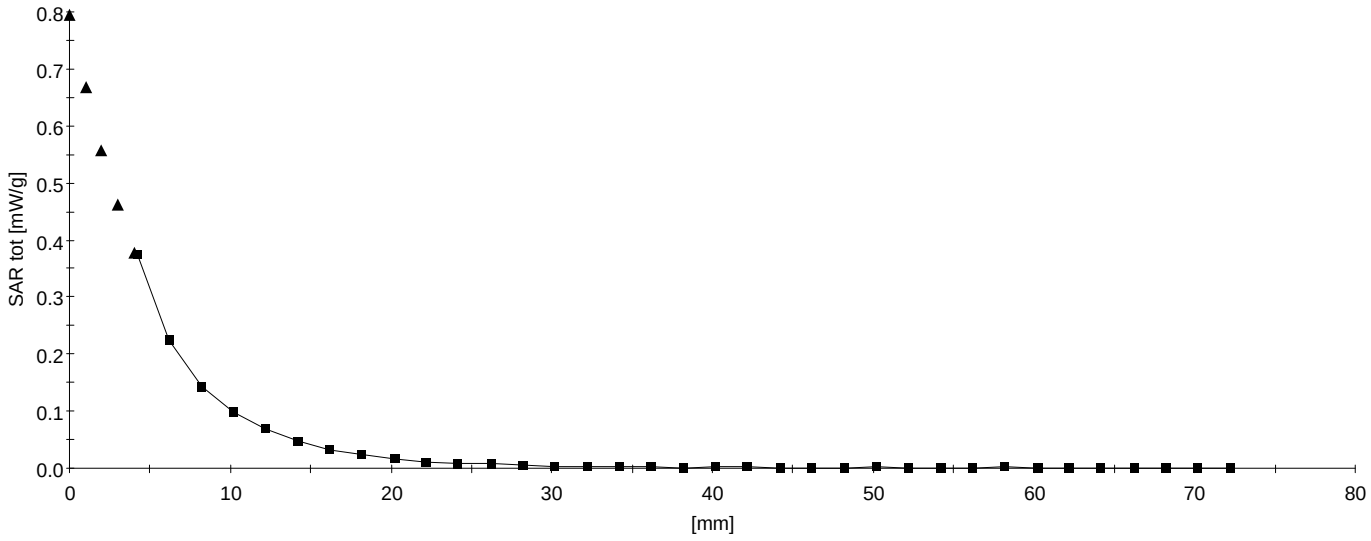
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.5**



# SAMSUNG_S160;  Flat position; Frequency: 2462 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Muscle 2450 MHz: $_s$ = 2.04 mho/m $e_r$ = 50.6 $_r$ = 1.00 g/cm³**
**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**

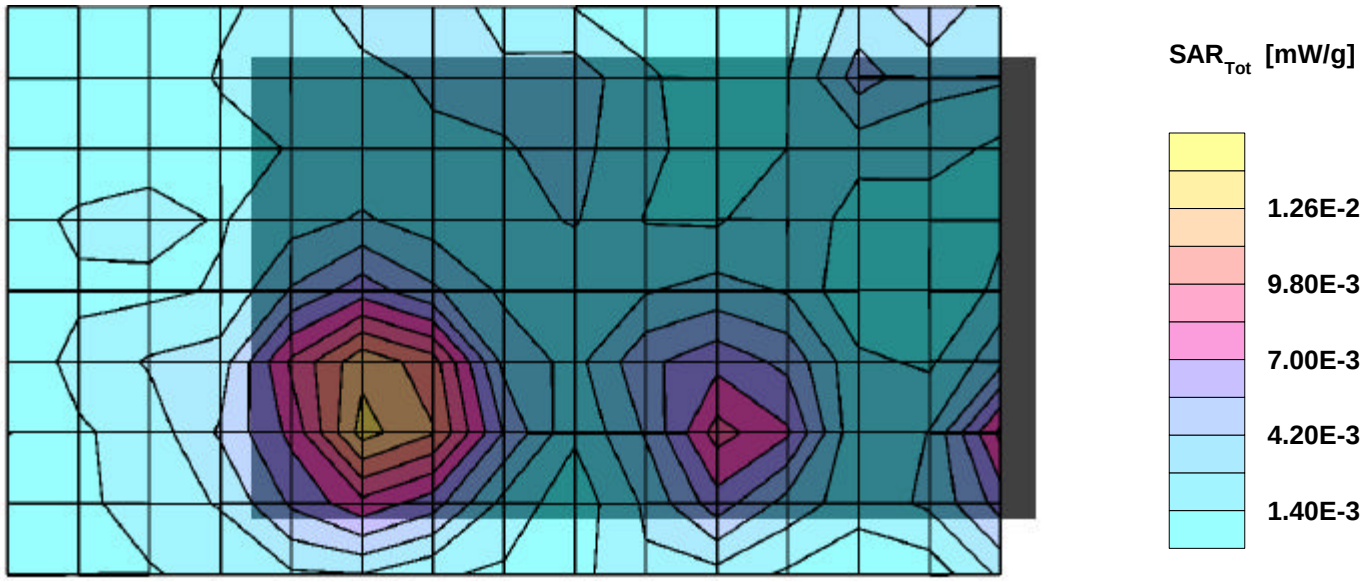
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 20.5**



# SAMSUNG_S160;  Flat position; Frequency: 2412 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Head 2450MHz: $_s$ = 1.88 mho/m $e_r$ = 38.3 $_r$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);**
**SAR:Cube 5x5x7: Peak: 0.0303 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**

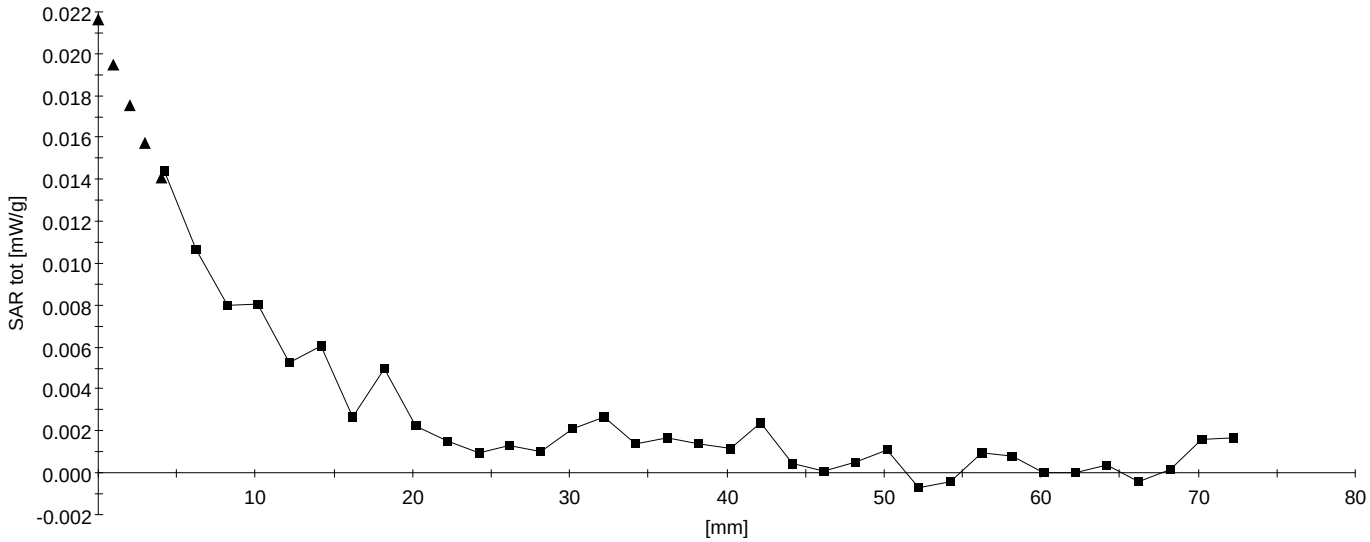
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 21.0**



# SAMSUNG_S160;  Flat position; Frequency: 2412 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Head 2450MHz: $_s$ = 1.88 mho/m $e_r$ = 38.3 $_r$ = 1.00 g/cm³**
**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**

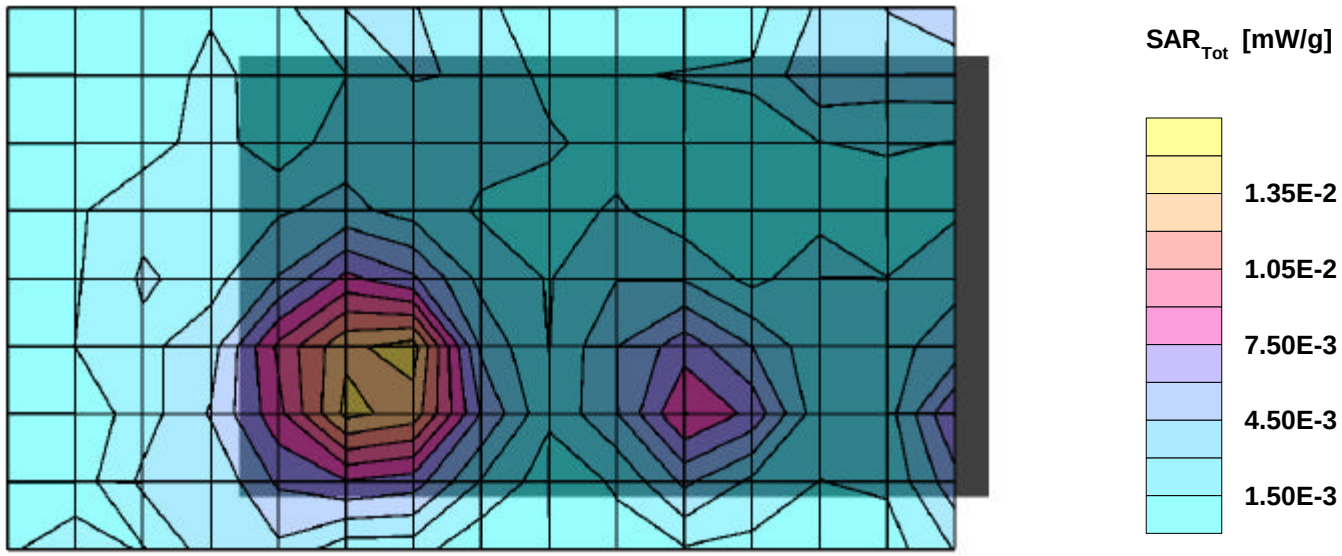
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 21.0**



# SAMSUNG_S160;  Flat position; Frequency: 2437 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Head 2450MHz: $_s$ = 1.88 mho/m $e_r$ = 38.3 $_r$ = 1.00 g/cm³**
**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**

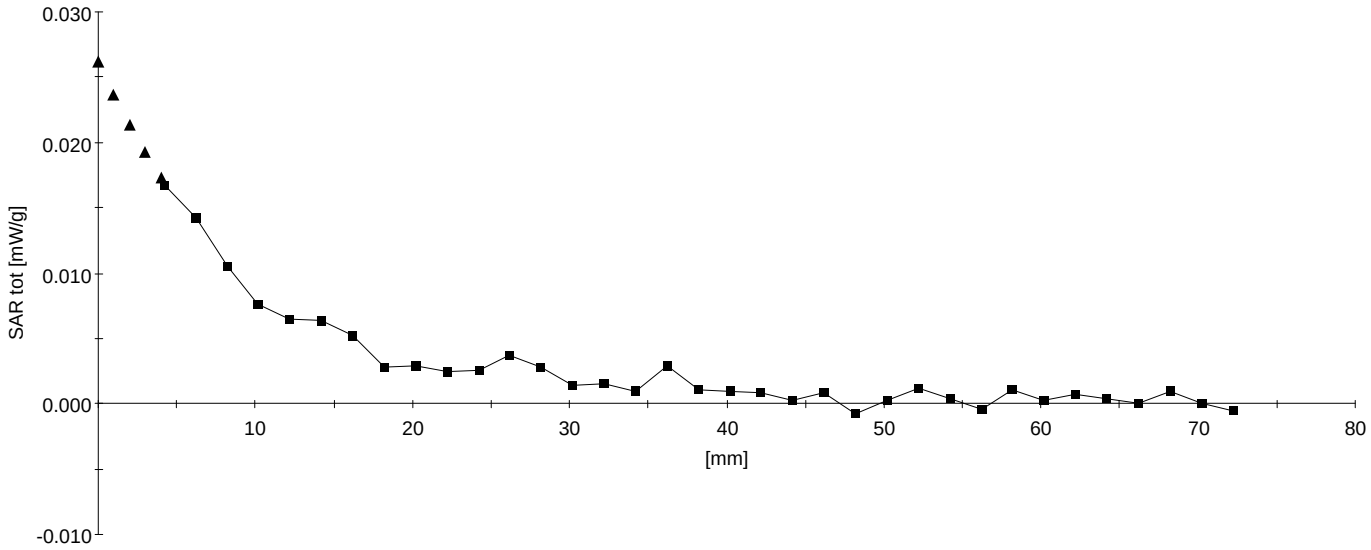
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 21.2**



# SAMSUNG_S160;  Flat position; Frequency: 2437 MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Head 2450MHz: $_s$ = 1.88 mho/m $e_r$ = 38.3 $_r$ = 1.00 g/cm³**
**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: Dx = 0.0, Dy = 0.0, Dz = 2.0**

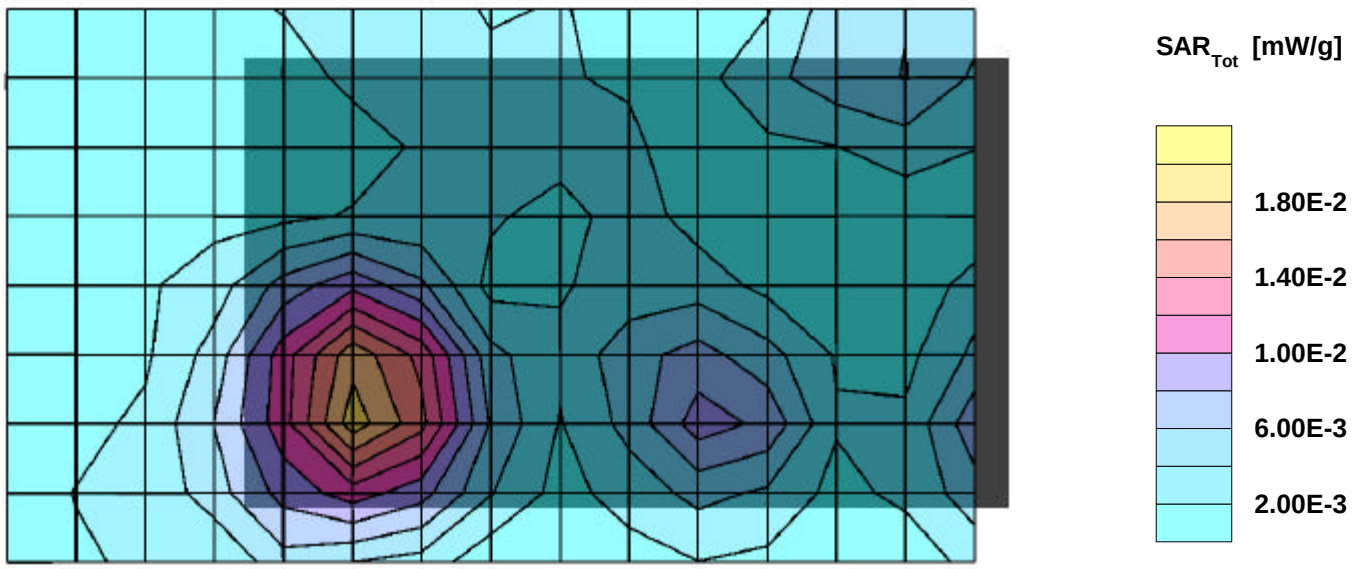
**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 21.2**



# SAMSUNG_S160;  Flat (body) position; Frequency: 2462MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Head 2450MHz: $_s$ = 1.88 mho/m $e_r$ = 38.3 $_r$ = 1.00 g/cm³**
**SAM Phantom; Flat Section; Position: (90°,90°)**
**Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);**
**SAR:Cube 5x5x7: Peak: 0.0427 mW/g, SAR (1g): 0.0193 mW/g, SAR (10g): 0.0105 mW/g, (Worst-case extrapolation)**
**Penetration depth: 7.7 (5.7, 12.9) [mm]; Powerdrift: -0.08 dB**
**Coarse: Dx = 14.0, Dy = 14.0, Dz = 10.0**

**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 21.1**



# SAMSUNG_S160;  Flat (body) position; Frequency: 2462MHz

**Frequency: 2450 MHz; Crest factor: 1.0**
**Medium: Head 2450MHz: $\sigma$ = 1.88 mho/m $\varepsilon_r$ = 38.3 $\rho$ = 1.00 g/cm³**
**SAM Phantom;  Section; Position:**
**Probe: ET3DV6 - SN1578; ConvF(4.50,4.50,4.50);**
**SAR:: , , ()**
**Penetration depth: 8.9 (8.6, 9.5) [mm];**
**Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 2.0**

**Ambient Temperature (degree C): 22.5**
**Liquid Temperature (degree C): 21.1**