

# SAMSUNG FCC ID: A3LSGHD415 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Right Hand Section; Probe: ET3DV6 - SN1617 -- ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 38.8$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide Position-Down; Crest factor: 8.0

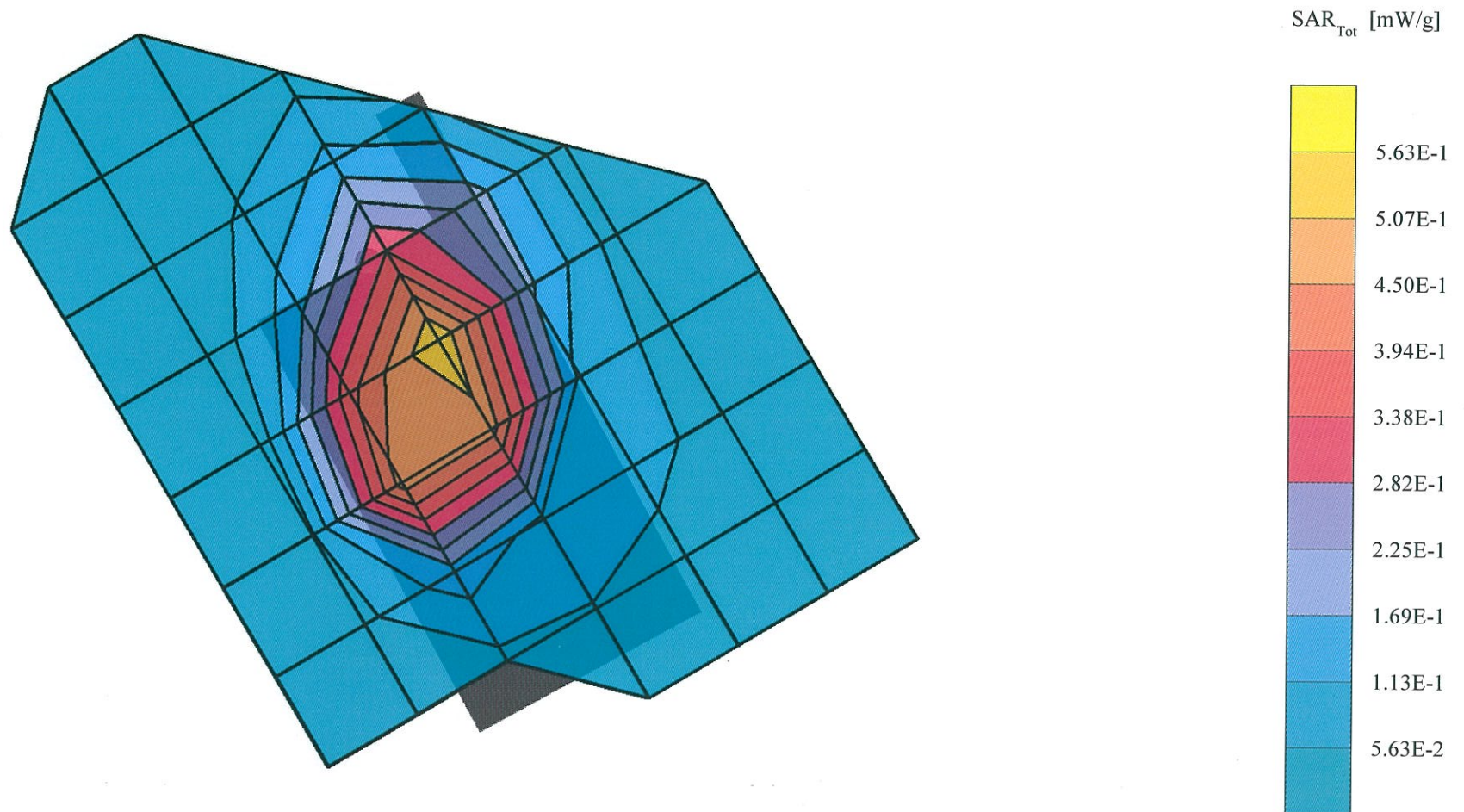
SAR (1g): 0.602 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.4

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/05/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



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SAM Phantom; Right Hand Section; Probe: ET3DV6 - SN1617 -- ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 38.8$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide Position-Down; Crest factor: 8.0

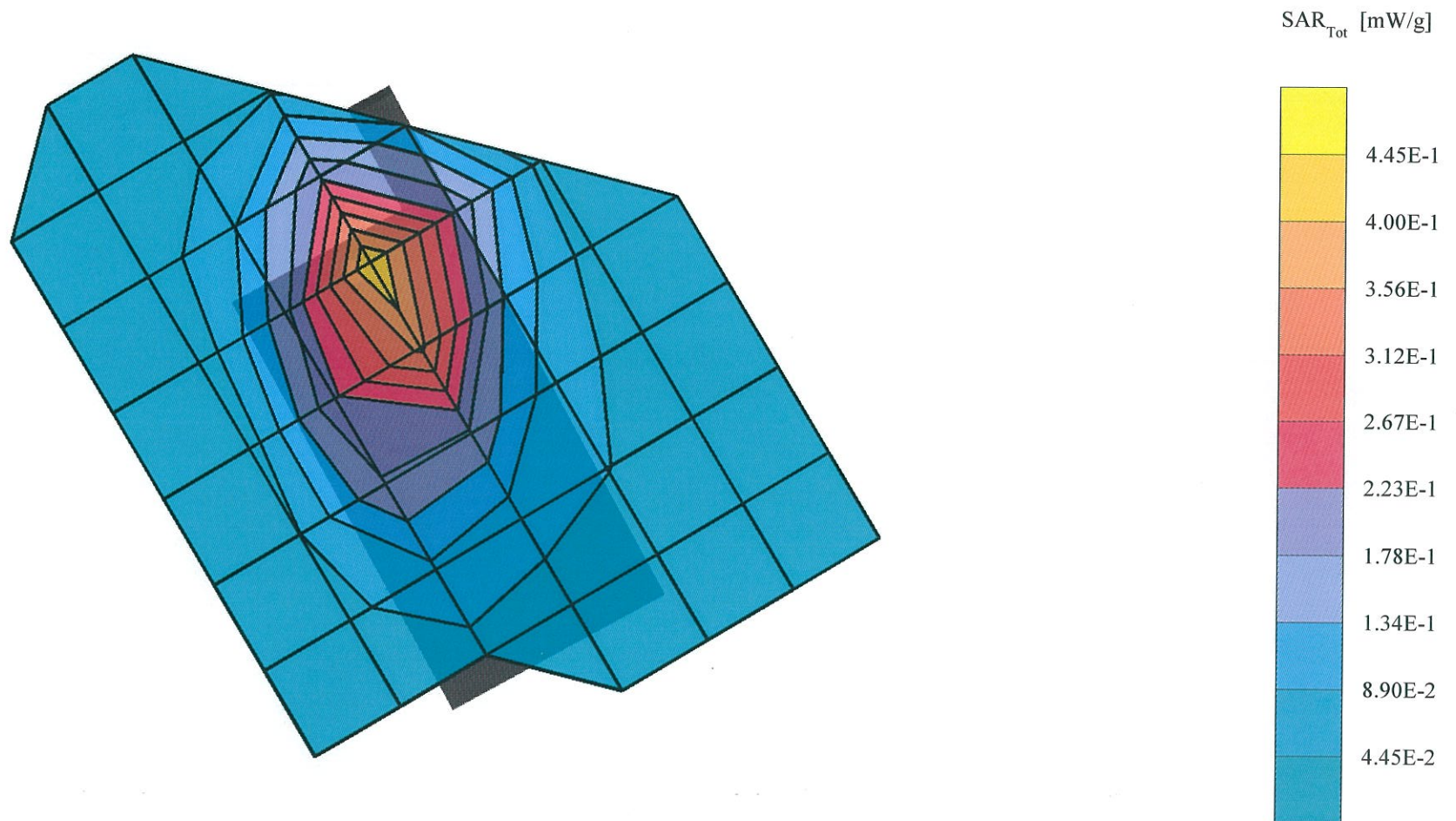
SAR (1g): 0.409 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.4

Conducted Power=30dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/05/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD415 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Left Hand Section; Probe: ET3DV6 - SN1617 -- ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 38.8$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide Position-Down; Crest factor: 8.0

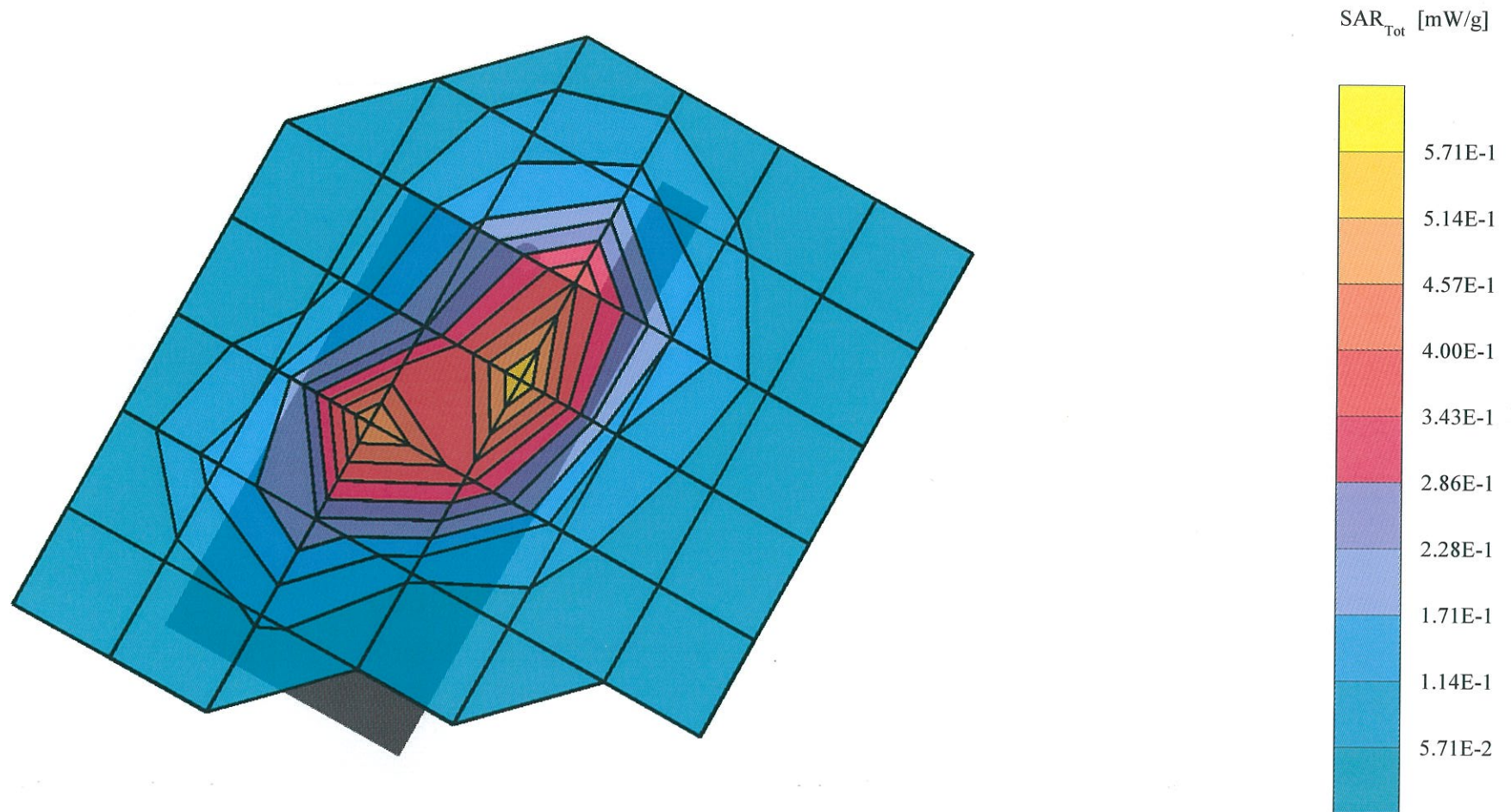
SAR (1g): 0.530 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.4

Conducted Power=30dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/05/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD415 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Left Hand Section; Probe: ET3DV6 - SN1617 -- ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 38.8$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide Position-Down; Crest factor: 8.0

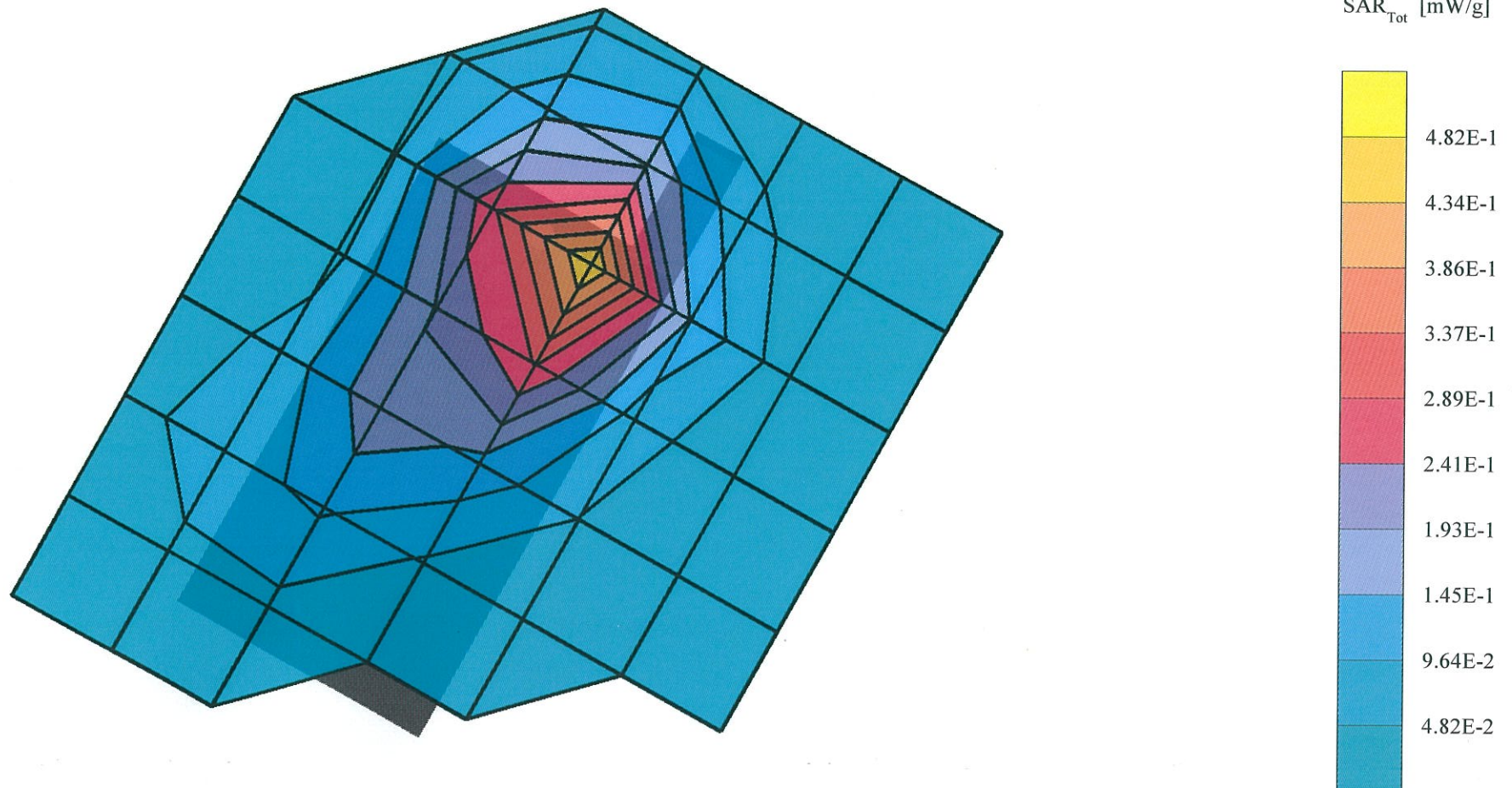
SAR (1g): 0.455 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.4

Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/05/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD415 -- 1900MHz PCS GSM Body SAR

SAM Phantom; Flat Section; Probe: ET3DV6 - SN1617 -- ConvF(4.70,4.70,4.70)

Body 1900 MHz:  $\sigma = 1.50$  mho/m  $\epsilon_r = 51.5$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide Position-Down; Crest factor: 8.0

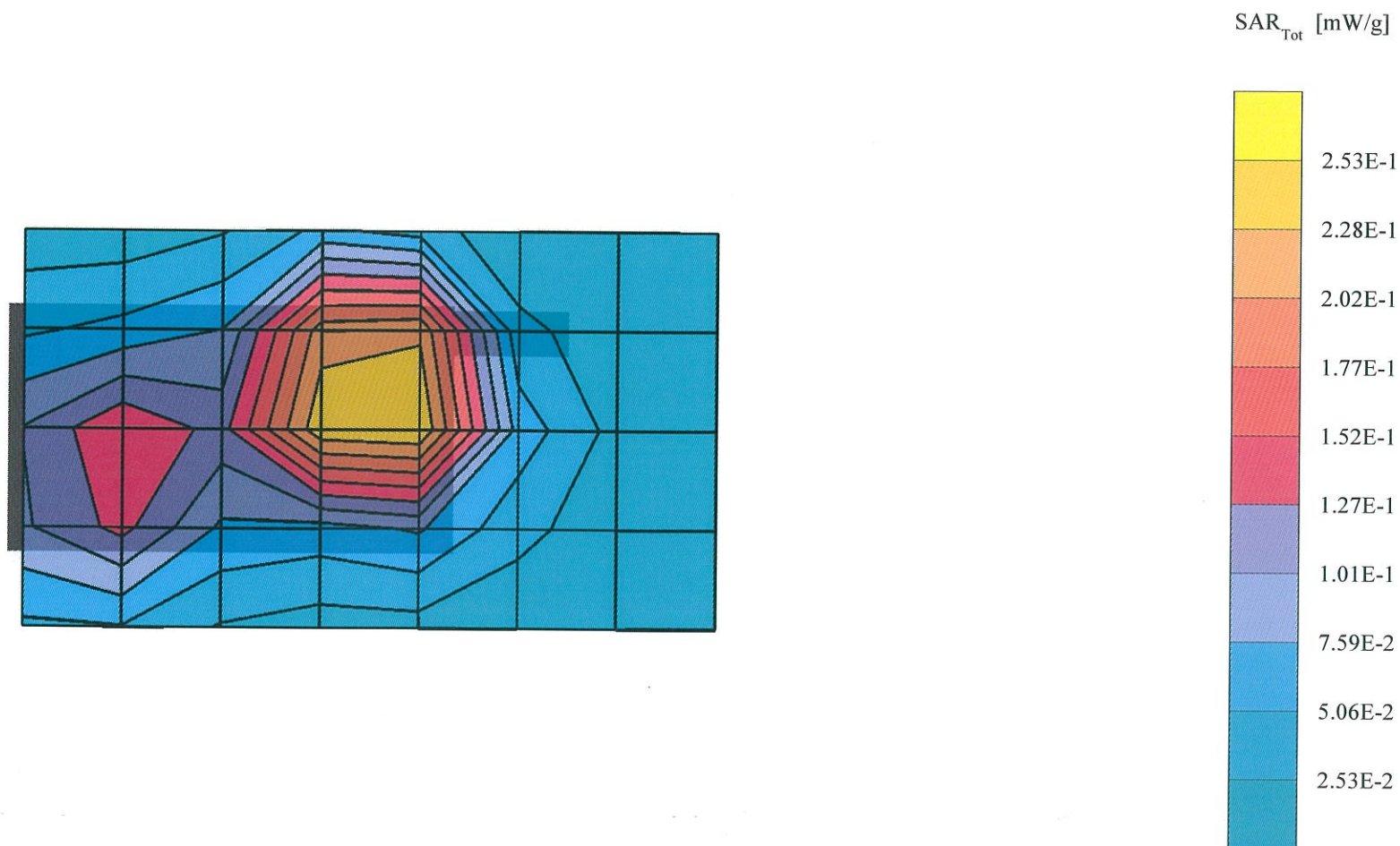
SAR (1g): 0.323 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Ambient Temp. (°C) -22.4

Conducted Power=30dBm; with Holster; Tissue Temp. (°C) -21.8

Test Date--12/04/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD415 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Right Section; Probe: ET3DV6 - SN1617 -- ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38 \text{ mho/m}$   $\epsilon_r = 38.8$   $\rho = 1.00 \text{ g/cm}^3$ ; Antenna Position-Fixed; Slide Position-Down; Crest factor: 8.0

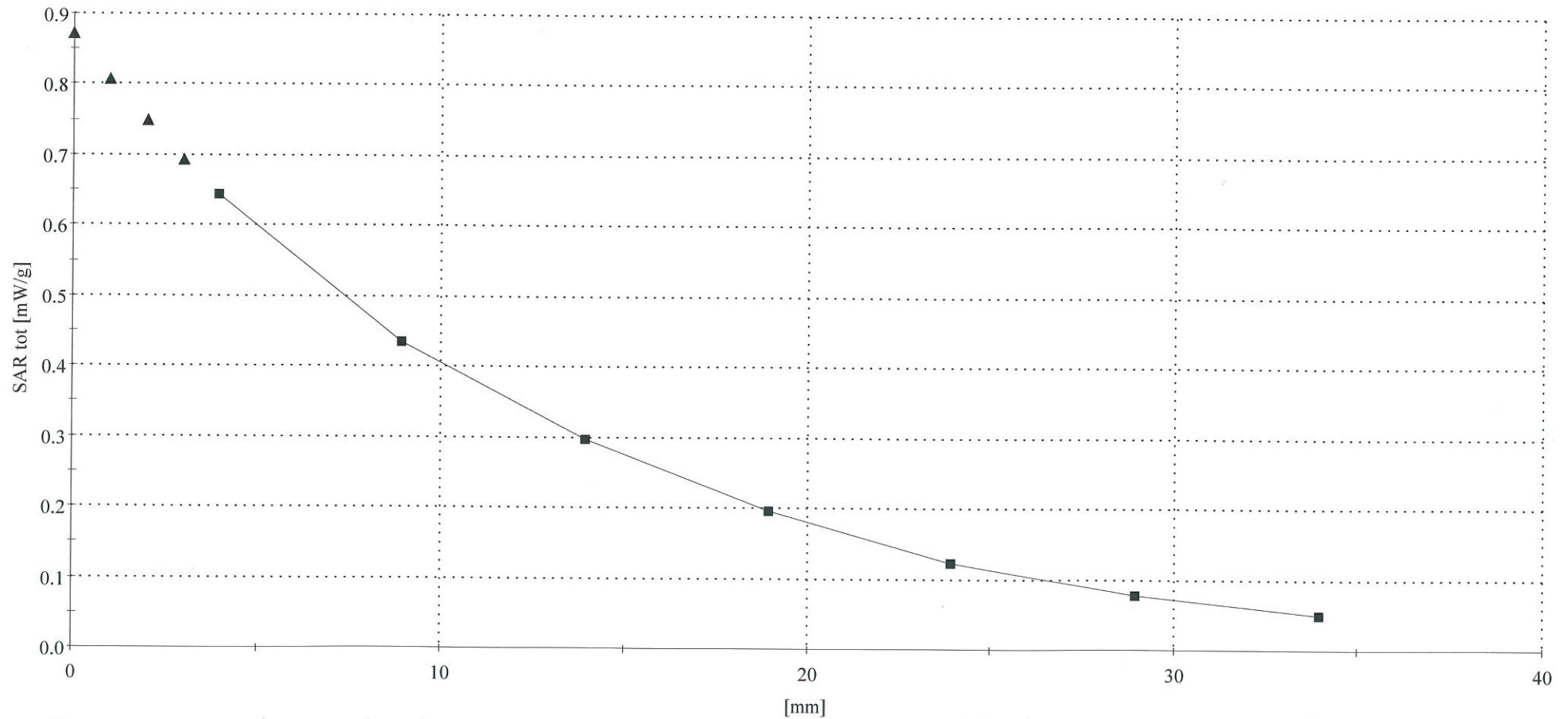
SAR (1g): 0.602 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.4

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/05/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD415 -- 1900MHz PCS GSM Body SAR

SAM Phantom; Flat Section; Probe: ET3DV6 - SN1617 -- ConvF(4.70,4.70,4.70)

Body 1900 MHz:  $\sigma = 1.50$  mho/m  $\epsilon_r = 51.5$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest factor: 8.0

SAR (1g): 0.323 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-D415

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Ambient Temp. (°C) -22.4

Conducted Power=30dBm; with Holster; Tissue Temp. (°C) -21.8

Test Date--12/04/2003[FCC/OET Bulletin 65-Supplement C, July 2001]

