

# SAMSUNG FCC ID: A3LSGHI505 -- 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  $\epsilon_r = 38.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

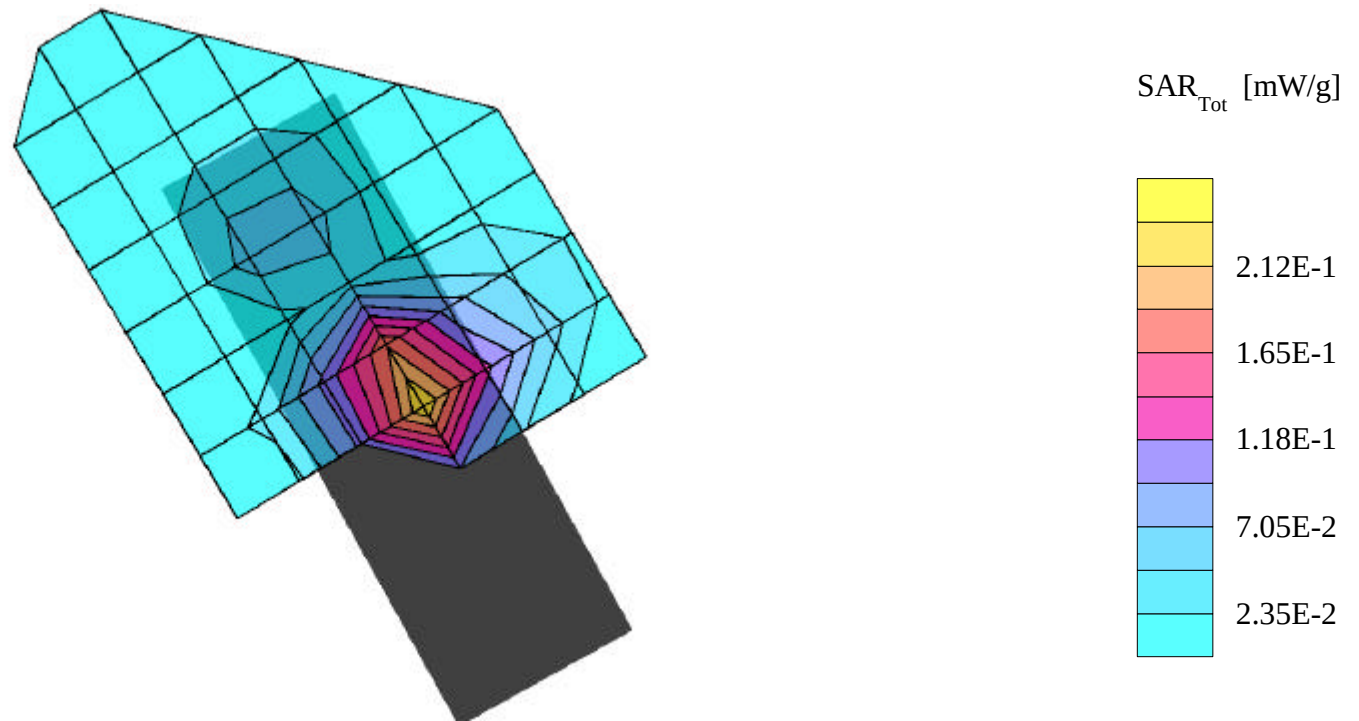
SAR (1g): 0.250 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-I505

GSM1900 Mode, Ch 512[1850.2MHz]; Extended Battery; Meas. Ambient Temp. (°C) -22.3

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.4

Test Date--12/16/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHI505 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Right Hand Section; Probe:ET3DV6 - SN1551; ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 38.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

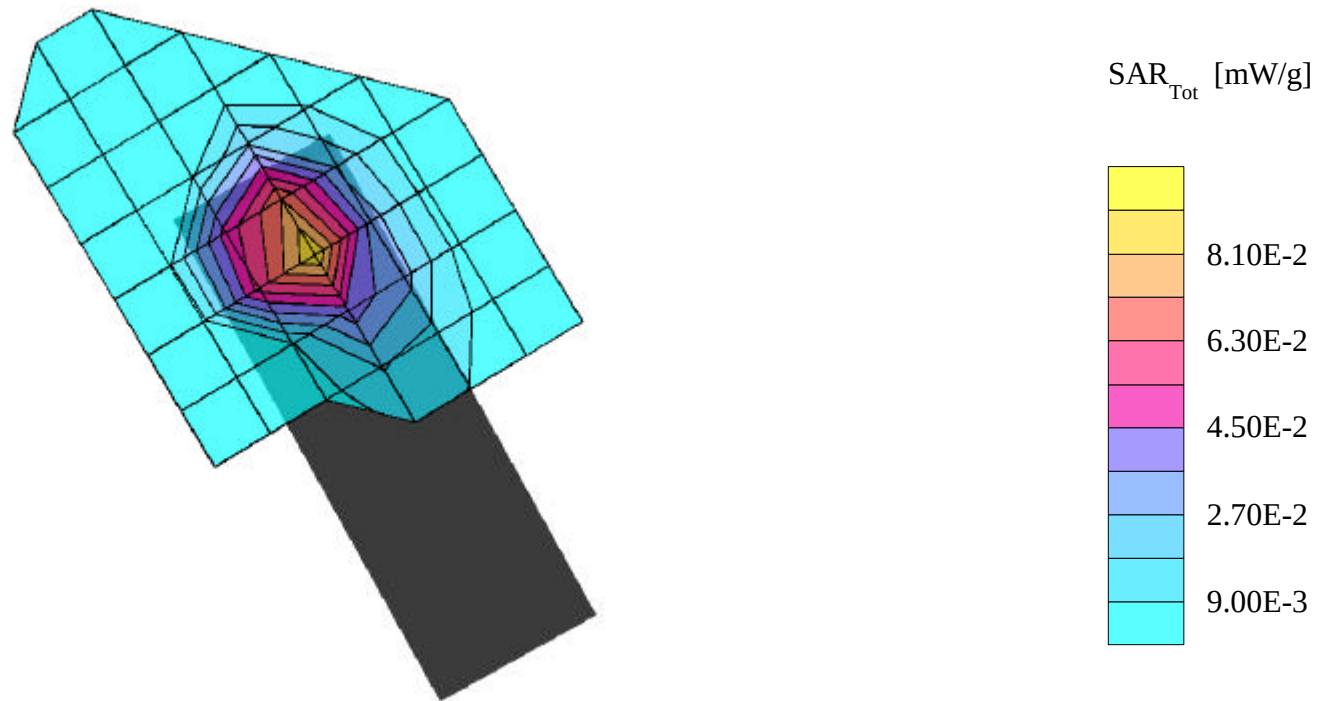
SAR (1g): 0.0919 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH- I505

GSM 1900 Mode, Ch.810 [1909.8MHz]; Extended Battery; Meas. Ambient Temp. (°C) - 22.3

Conducted Power = 30dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.4

Test Date -- 12/16/2003[FCC/OET Bulletin 65 - Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHI505 -- 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  $\epsilon_r = 38.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

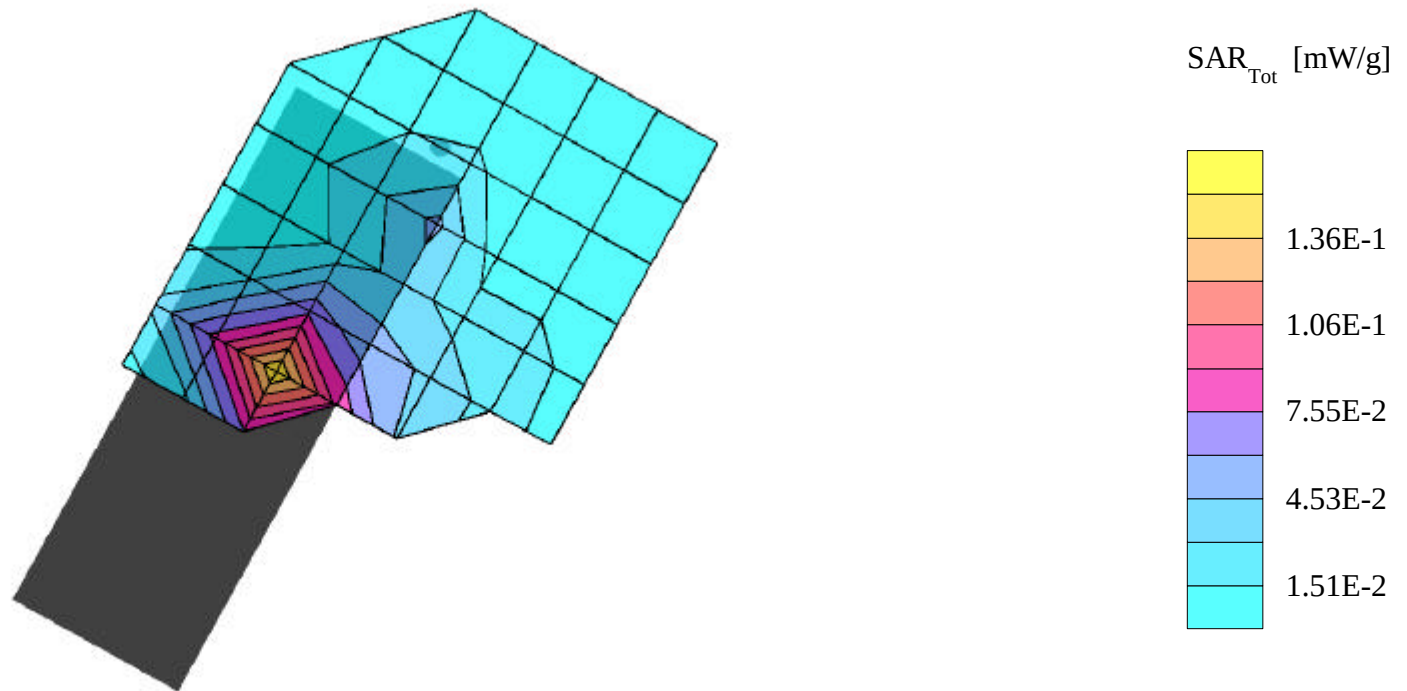
SAR (1g): 0.141 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-I505

GSM1900 Mode, Ch 512[1850.2MHz]; Extended Battery; Meas. Ambient Temp. (°C) -22.3

Conducted Power=30dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.4

Test Date--12/16/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHI505 -- 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  $\epsilon_r = 38.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

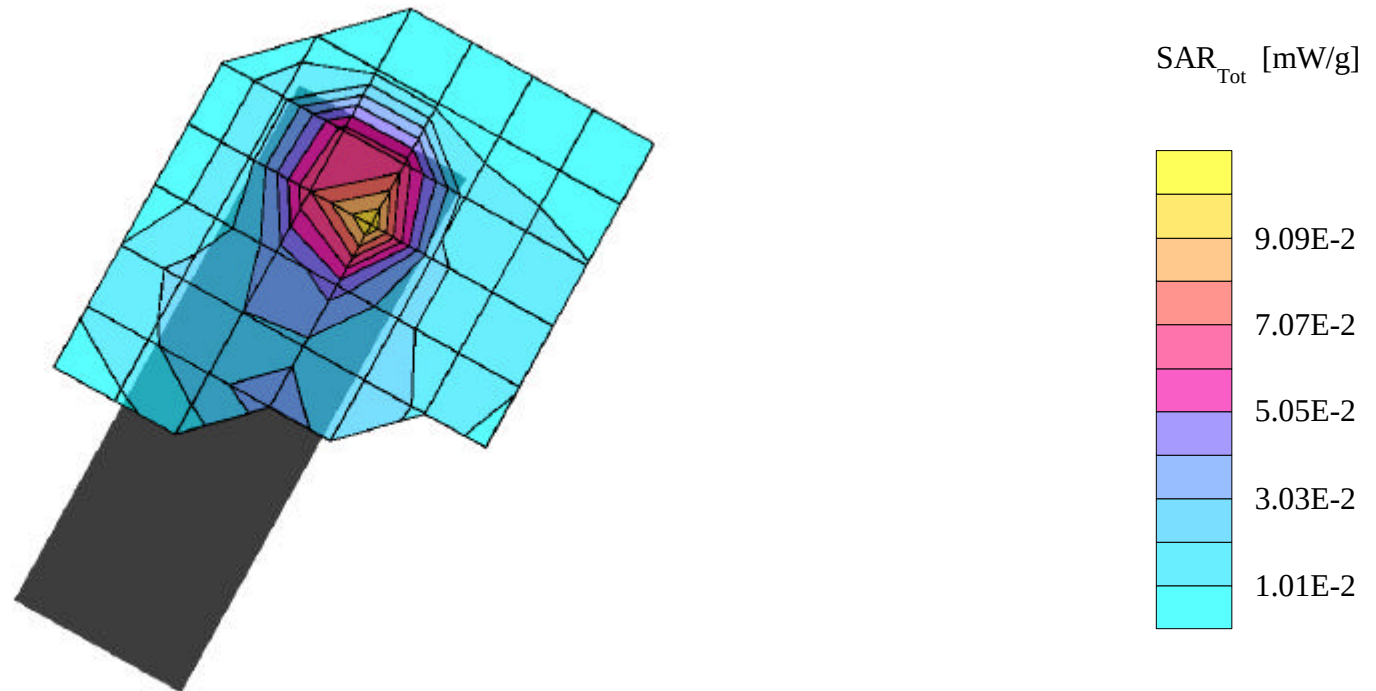
SAR (1g): 0.101 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-I505

GSM1900 Mode, Ch 810[1909.8MHz]; Extended Battery; Meas. Ambient Temp. (°C) -22.3

Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.4

Test Date--12/16/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHI505 -- 1900MHz PCS GSM Body SAR

SAM Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(4.70,4.70,4.70)

Body 1900 MHz:  $\sigma = 1.54$  mho/m  $\epsilon_r = 51.3$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

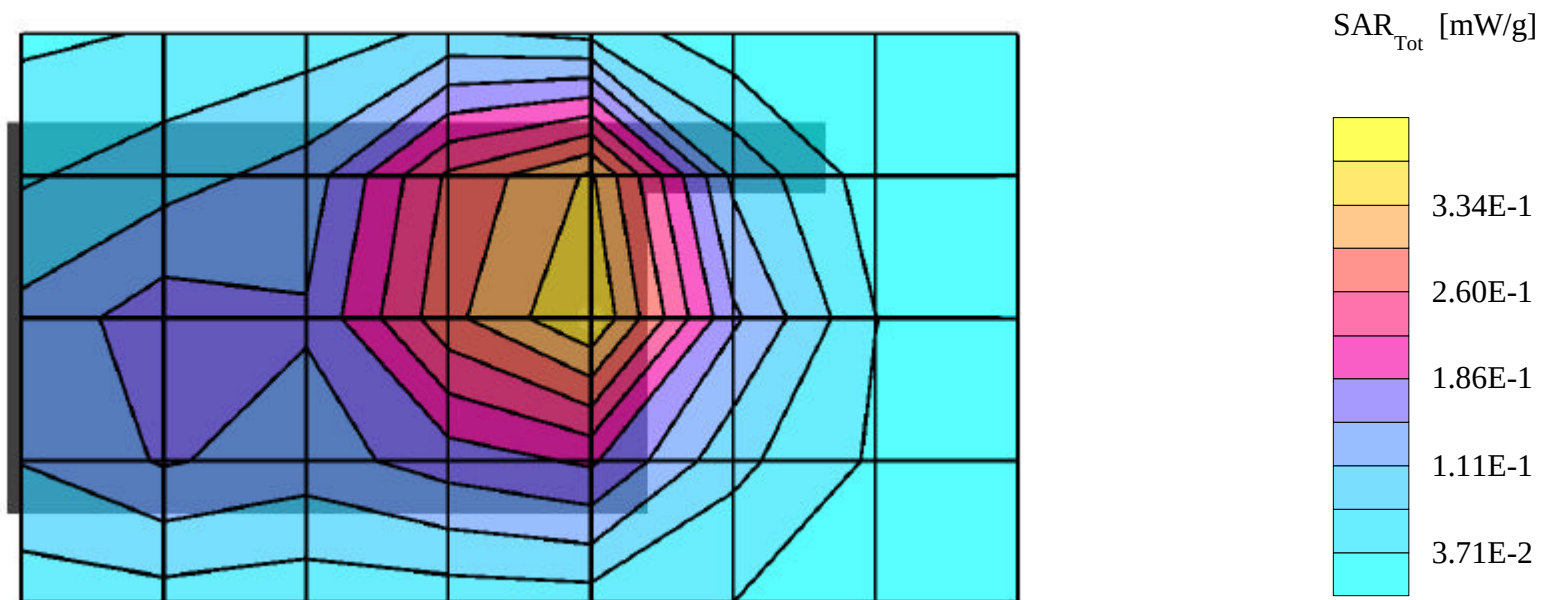
SAR (1g): 0.394 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-I505

GSM1900 Mode, Ch 512[1850.2MHz]; Extended Battery; Ambient Temp. (°C) -22.2

Conducted Power=30dBm;Spacing=1.5cm flat phantom to phone, w/o Leather; Tissue Temp. (°C) -21.5

Test Date--12/15/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHI505 -- 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  $\epsilon_r = 38.6$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

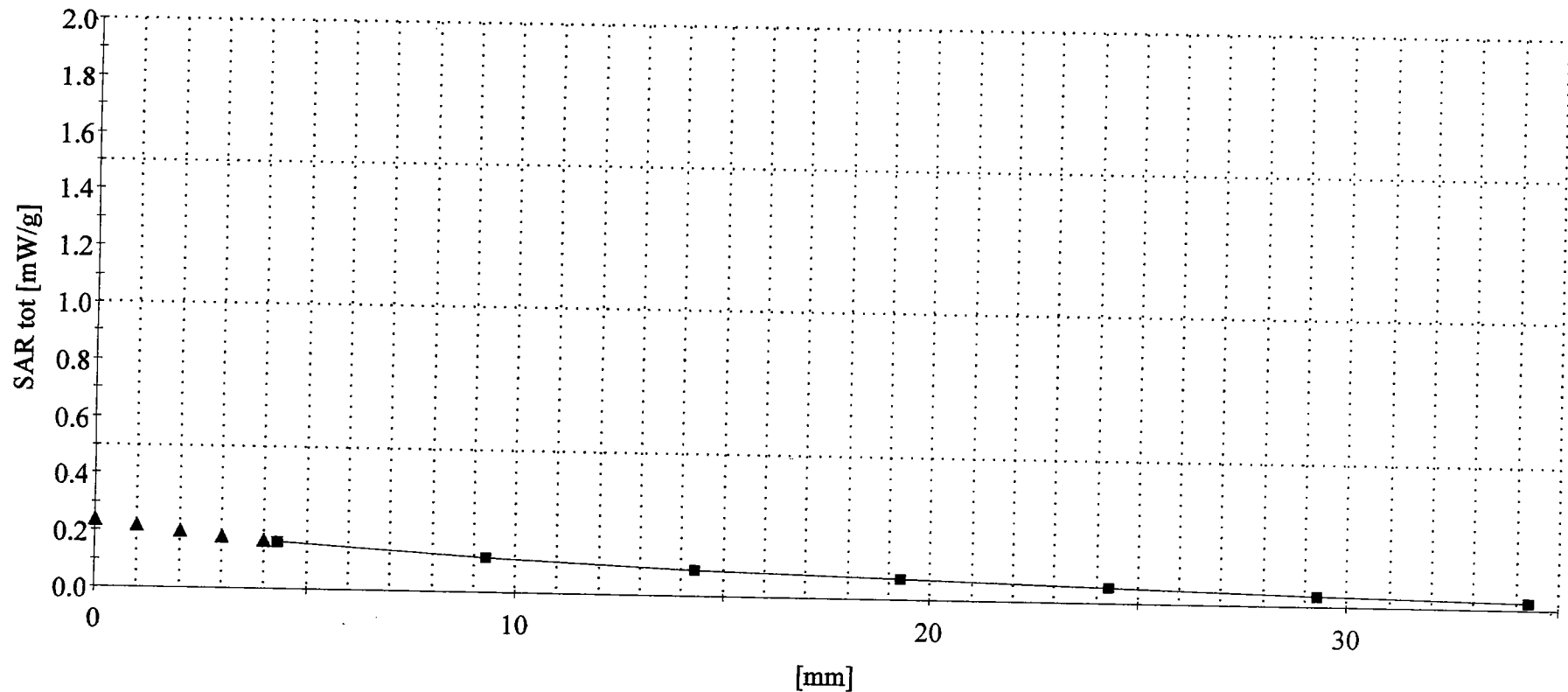
SAR (1g): 0.250 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-I505

GSM1900 Mode, Ch 512[1850.2MHz]; Extended Battery; Meas. Ambient Temp. (°C) -22.3

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.4

Test Date--12/16/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHI505 -- 1900MHz PCS GSM Body SAR

SAM Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(4.70,4.70,4.70)

Body 1900 MHz:  $\sigma = 1.54$  mho/m  $\epsilon_r = 51.3$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

SAR (1g): 0.394 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-I505

GSM1900 Mode, Ch 512[1850.2MHz]; Extended Battery; Ambient Temp. (°C) -22.2

Conducted Power=30dBm;Spacing=1.5cm flat phantom to phone, w/o Leather; Tissue Temp. (°C) -21.5

Test Date--12/15/2003[FCC/OET Bulletin 65-Supplement C, July 2001]

