

SAMSUNG FCC ID: A3LSGHX105 -- 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/cm³; Intenna ; Crest factor: 8.0

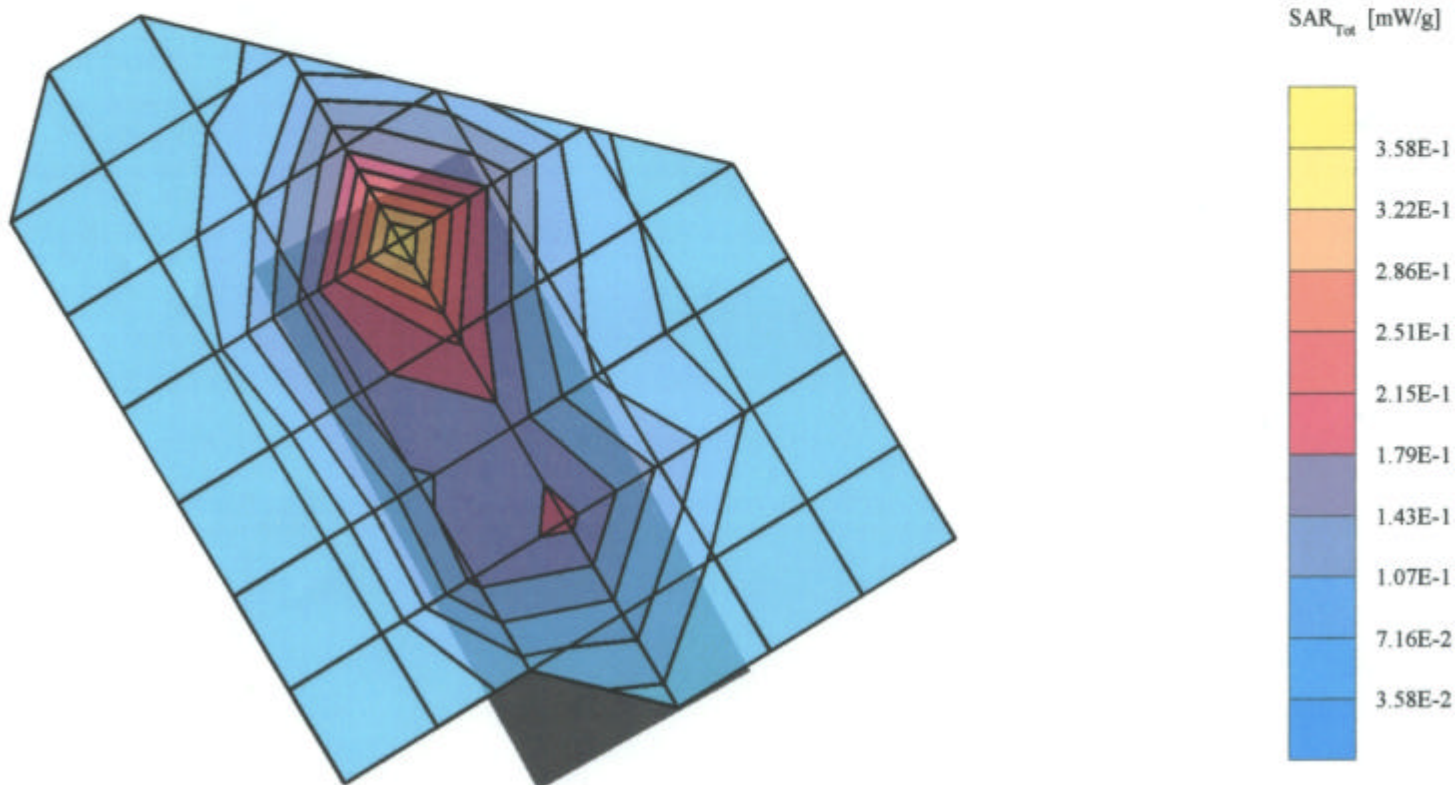
SAR (1g): 0.317 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.661 [1880MHz]; Standard Battery, Ambient Temp. (°C) - 22.2

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.0

Test Date--06/30/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX105 -- 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/cm³; Intenna ; Crest factor: 8.0

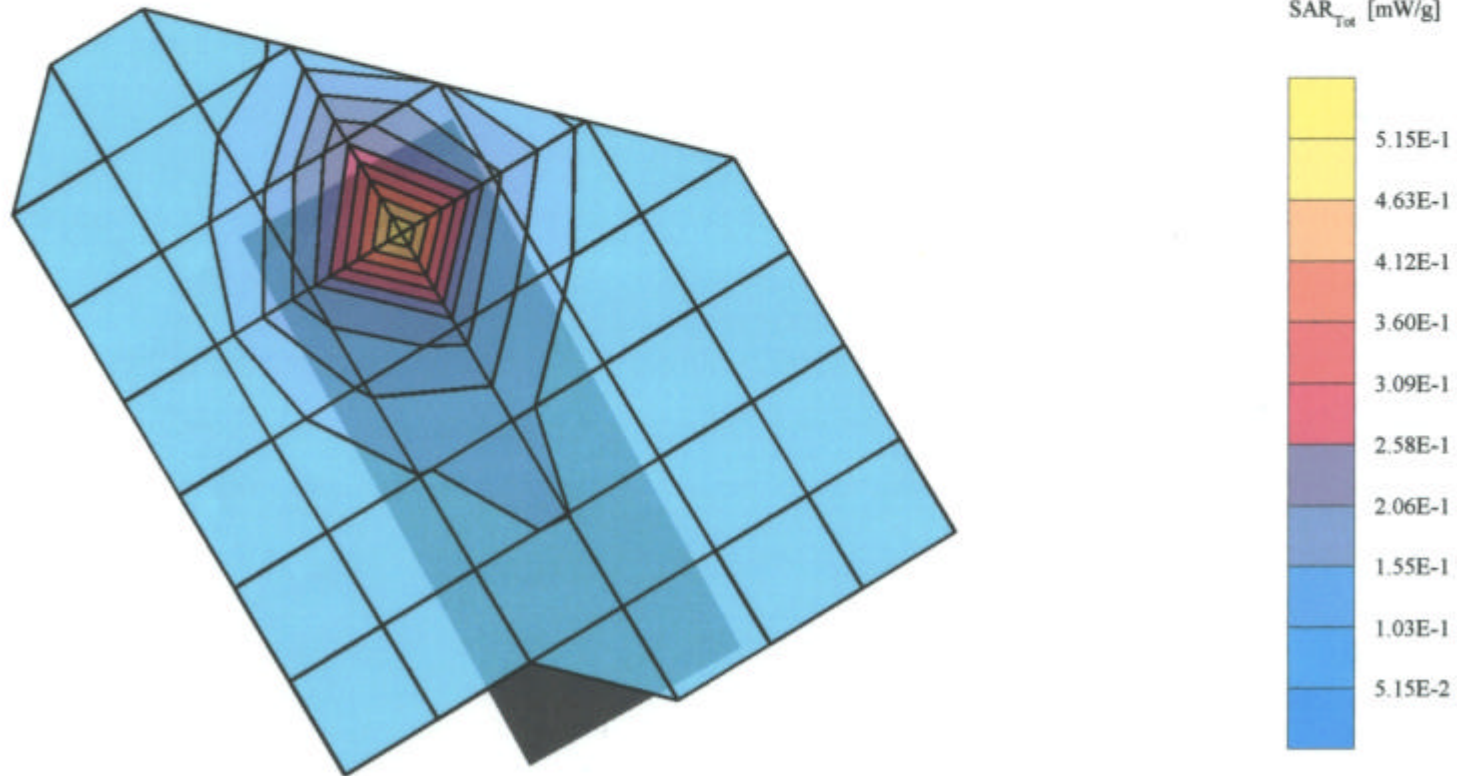
SAR (1g): 0.450 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.661 [1880MHz]; Standard Battery, Ambient Temp. (°C) - 22.2

Conducted Power=30dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.0

Test Date--06/30/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]



1900MHz Brain Dipole Validation

SAM Phantom; Left HandSection; 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/cm³; Crest factor: 8.0

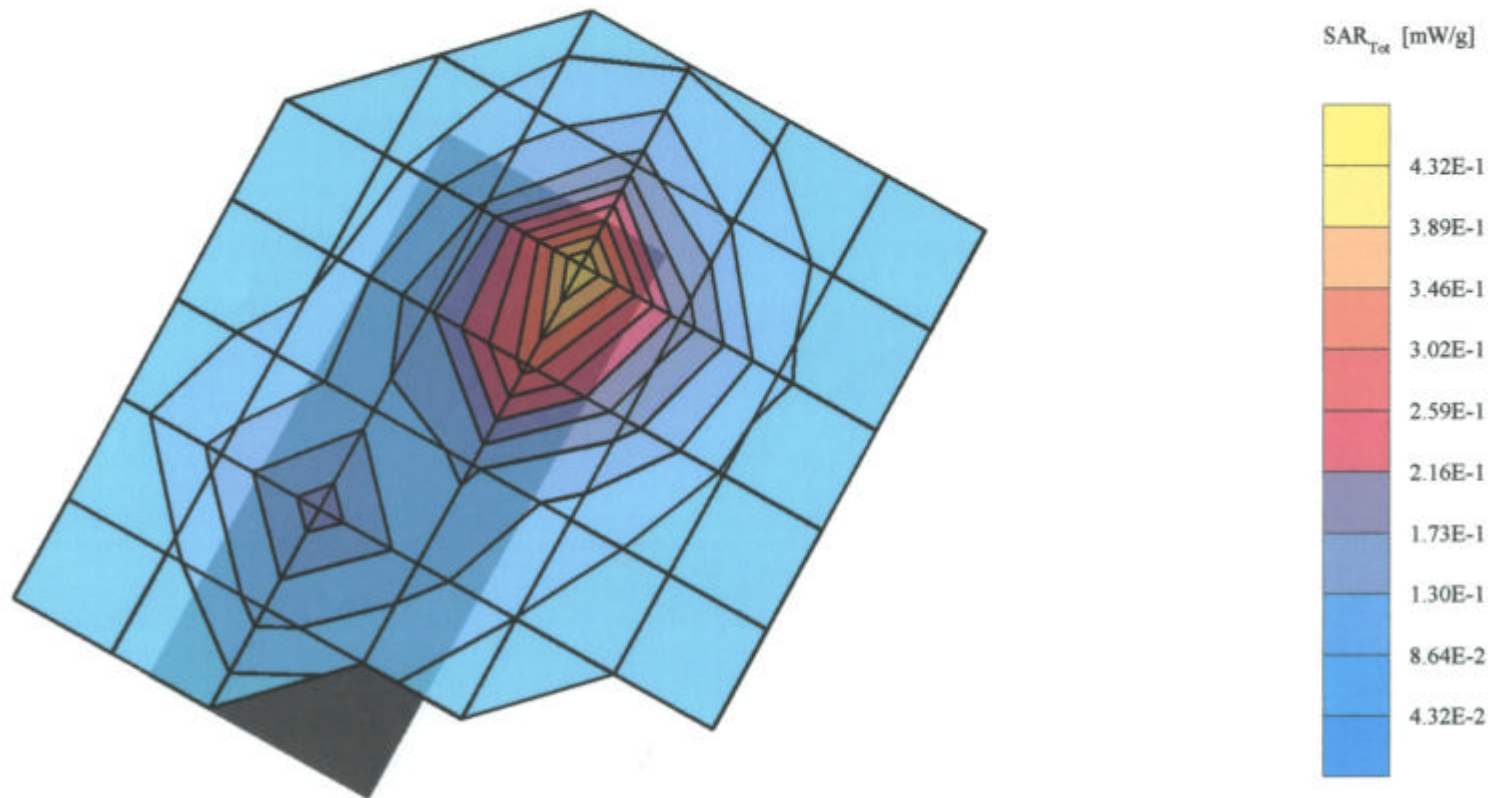
SAR (1g): 0.421 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.661 [1880MHz]; Standard Battery, Ambient Temp. (°C) - 22.2

Conducted Power=30dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.0

Test Date--06/30/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX105 -- 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/cm³; Antenna ; Crest factor: 8.0

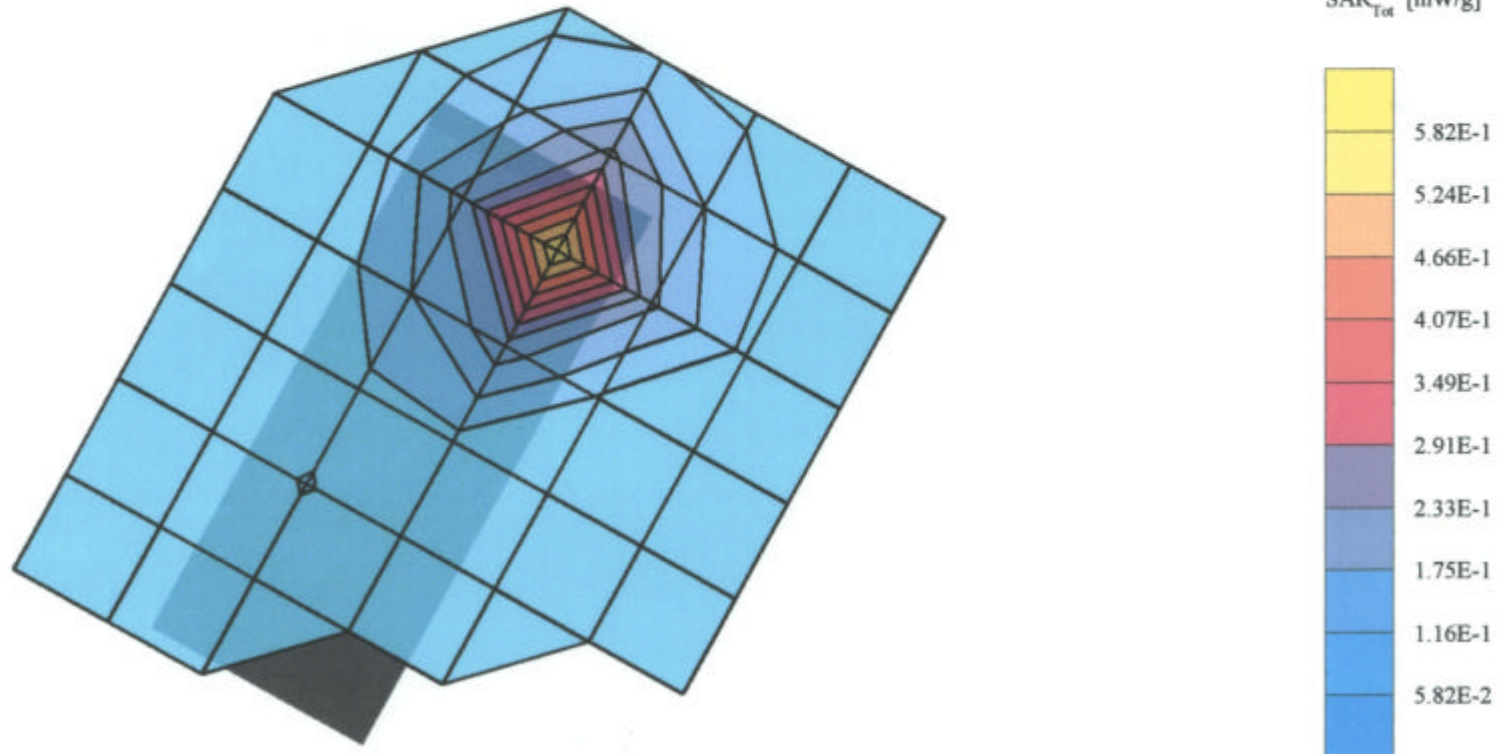
SAR (1g): 0.491 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.810 [1909.8MHz]; Standard Battery, Ambient Temp. (°C) - 22.2

Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.0

Test Date--06/30/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX105 -- 1900MHz PCS GSM Body SAR

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

Body 1900 MHz: $\sigma = 1.54$ mho/m $\epsilon_r = 50.9$ $\rho = 1.00$ g/cm³; Antenna ; Crest factor: 8.0

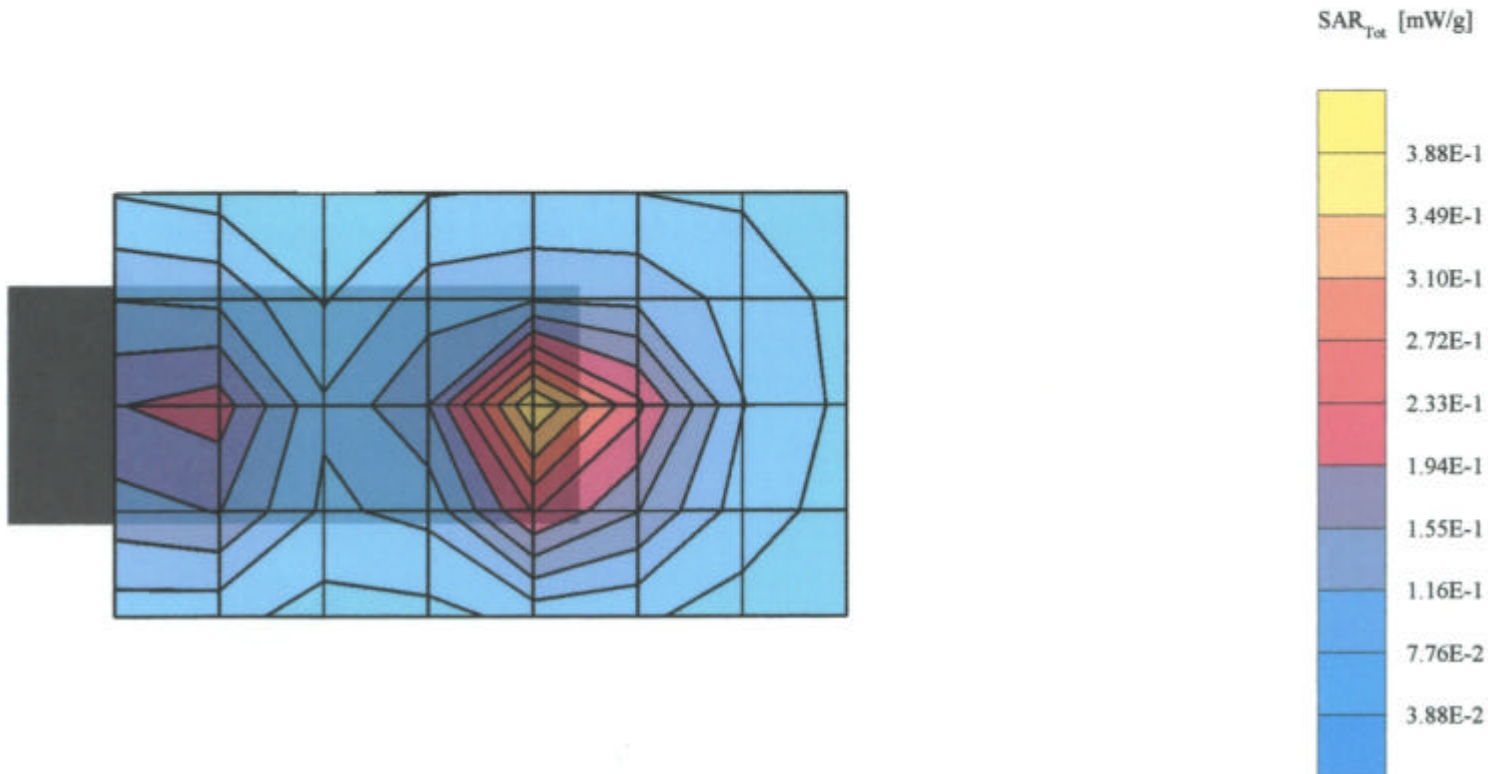
SAR (1g): 0.380 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.661 [1880MHz]; Standard Battery, Ambient Temp. (°C) - 22.0

Conducted Power=30dBm; Spacing=1.5cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 20.9

Test Date--07/01/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX105 -- 1900MHz PCS GSM Body SAR

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

Body 1900 MHz: $\sigma = 1.54$ mho/m $\epsilon_r = 50.9$ $\rho = 1.00$ g/cm³; Antenna , Crest factor: 8.0

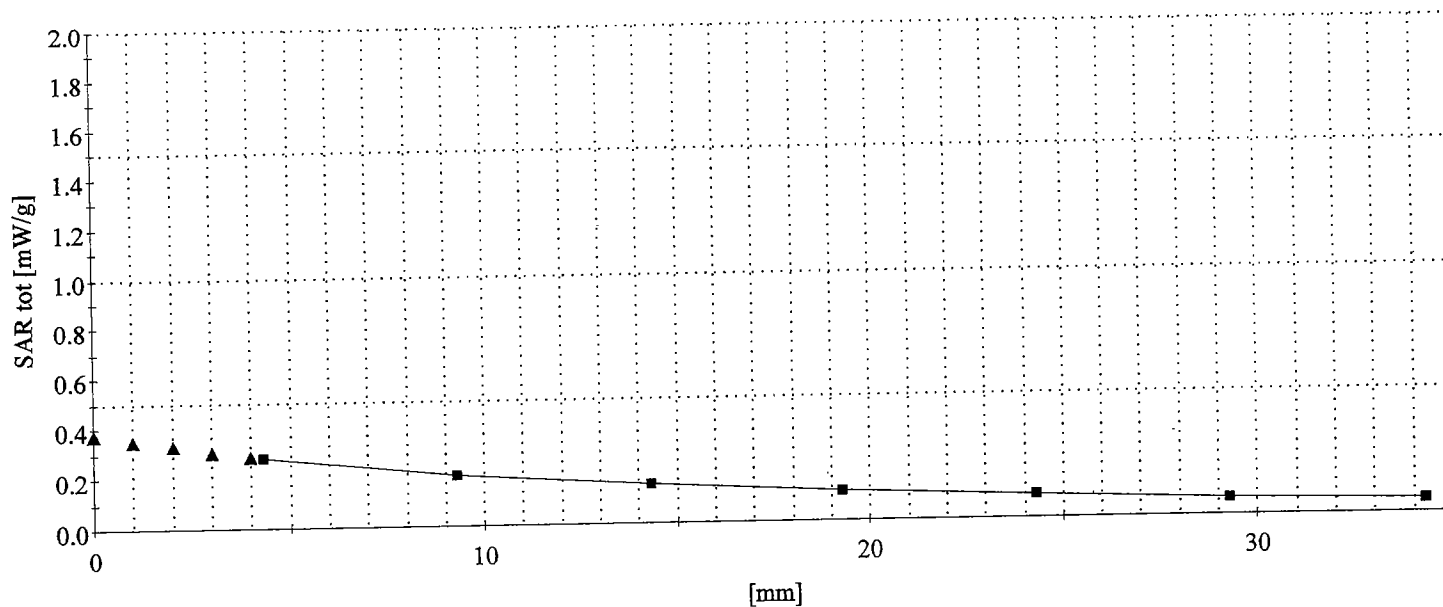
SAR (1g): 0.380 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.661 [1880MHz]; Standard Battery, Ambient Temp. (°C) - 22.0

Conducted Power=30dBm; Spacing=1.5cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 20.9

Test Date--07/01/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX105 -- 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/cm³; Antenna ; Crest factor: 8.0

SAR (1g): 0.491 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-X105

GSM 1900 Mode, Ch.810 [1909.8MHz]; Standard Battery, Ambient Temp. (°C) - 22.2

Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.0

Test Date--06/30/2003 [FCC/OET Bulletin 65-Supplement C, July 2001]

