

SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Head SAR

SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

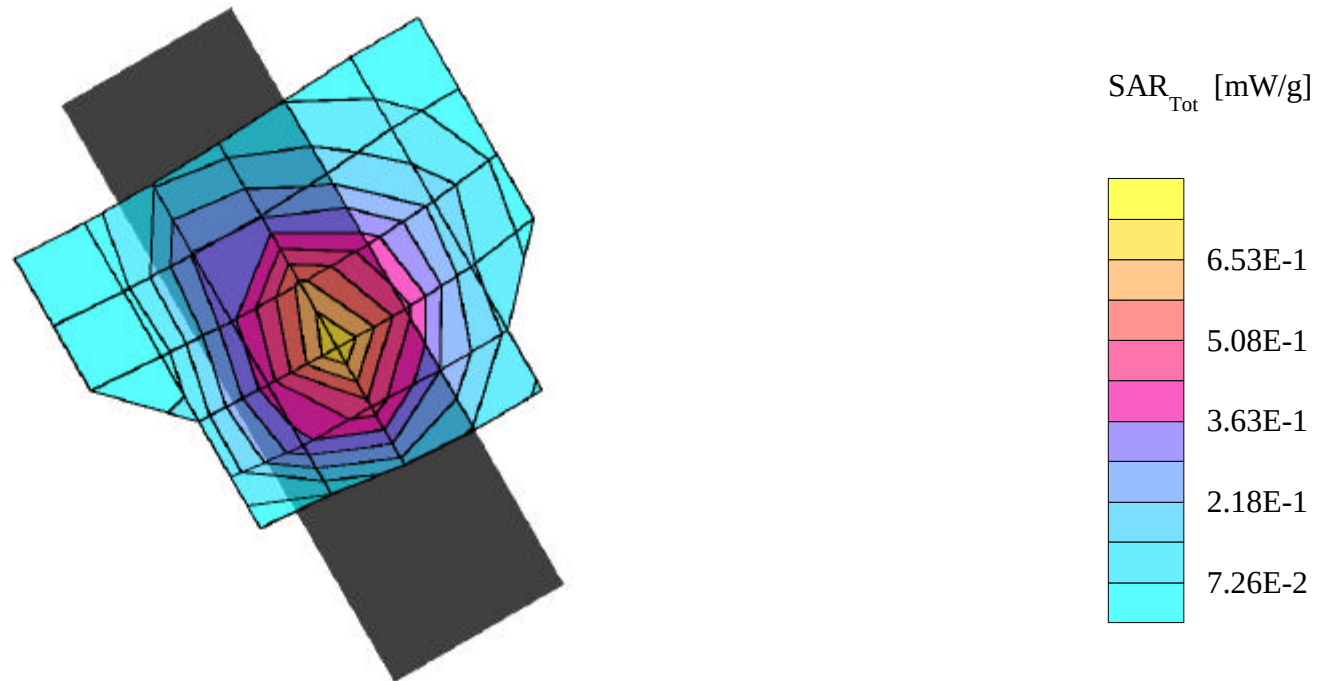
SAR (1g): 0.640 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

AMPS Mode, Ch.991 [824.04MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=26dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 20.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Head SAR

SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³ ; Antenna Position -- Out; Crest Factor 1.0

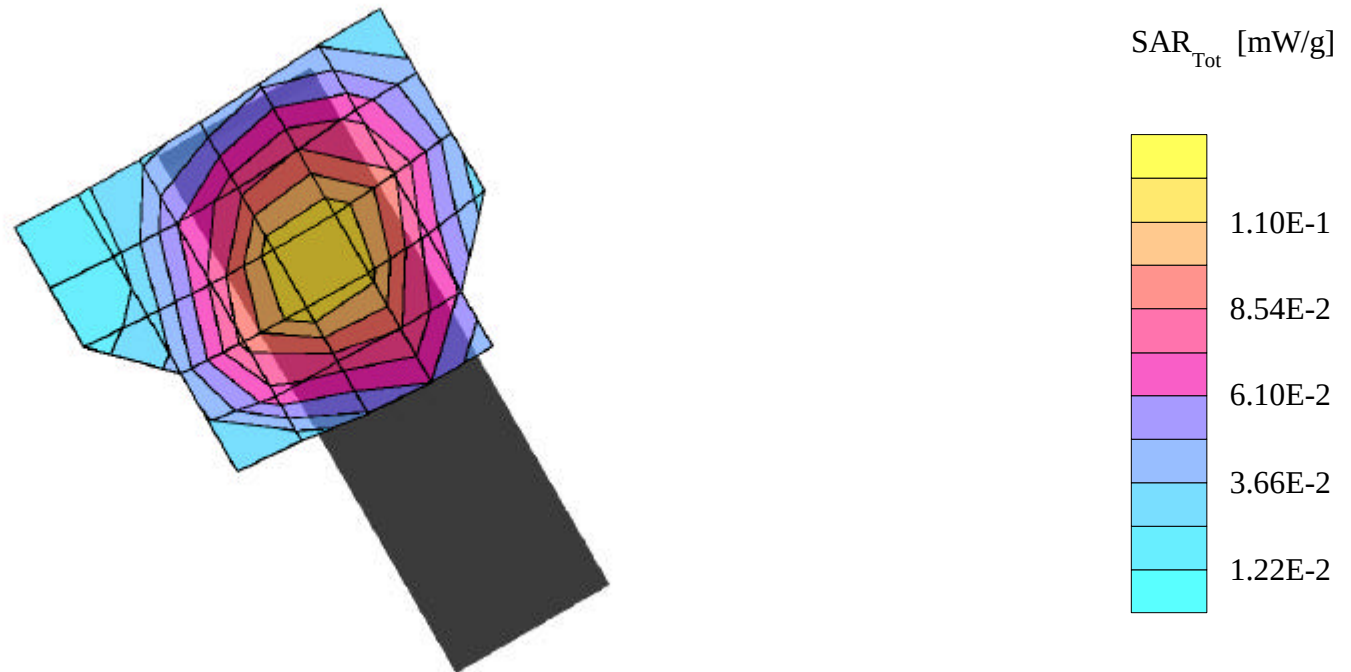
SAR (1g): 0.124 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

AMPS Mode, Ch.383 [836.49MHz]; Standard Battery; Meas. Ambient Temp. °C) - 22.0

Conducted Power=26dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 20.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Head SAR

SAM(900MHz) Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

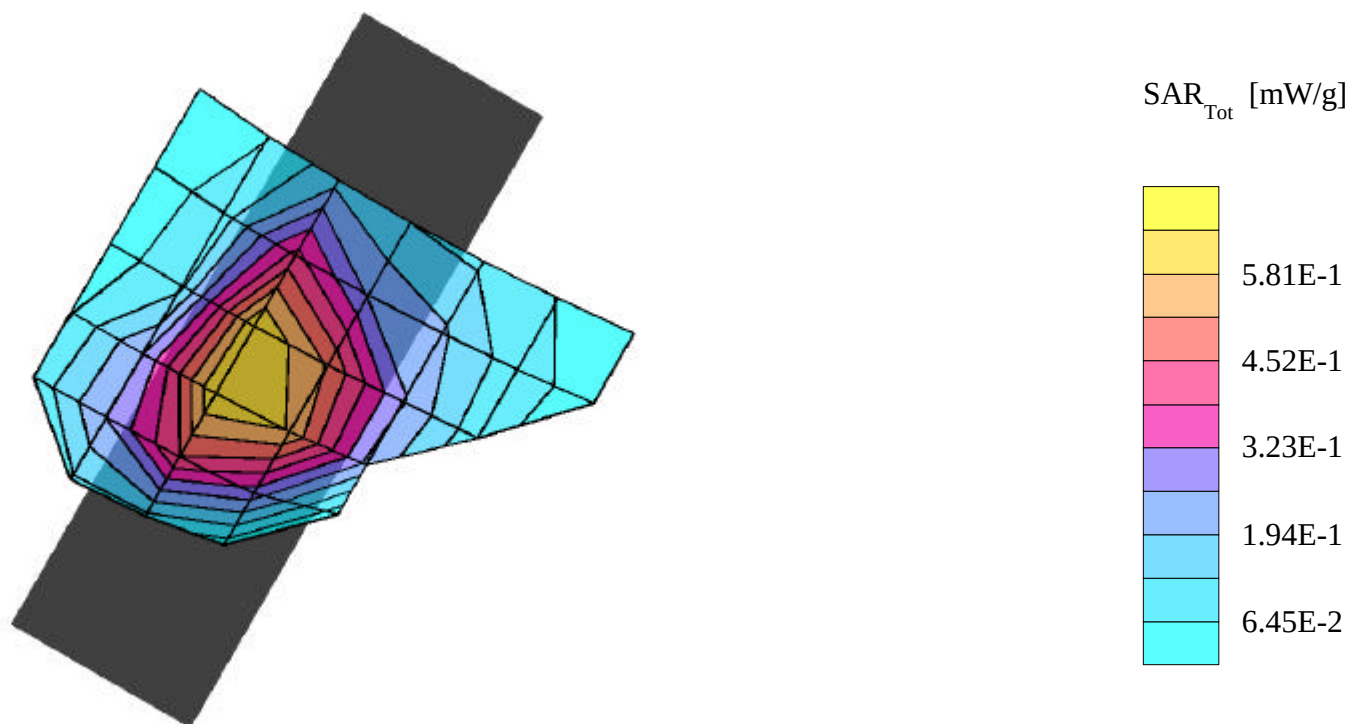
SAR (1g): 0.656 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

AMPS Mode, Ch.991 [824.04MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=26dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 20.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Head SAR

SAM(900MHz) Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

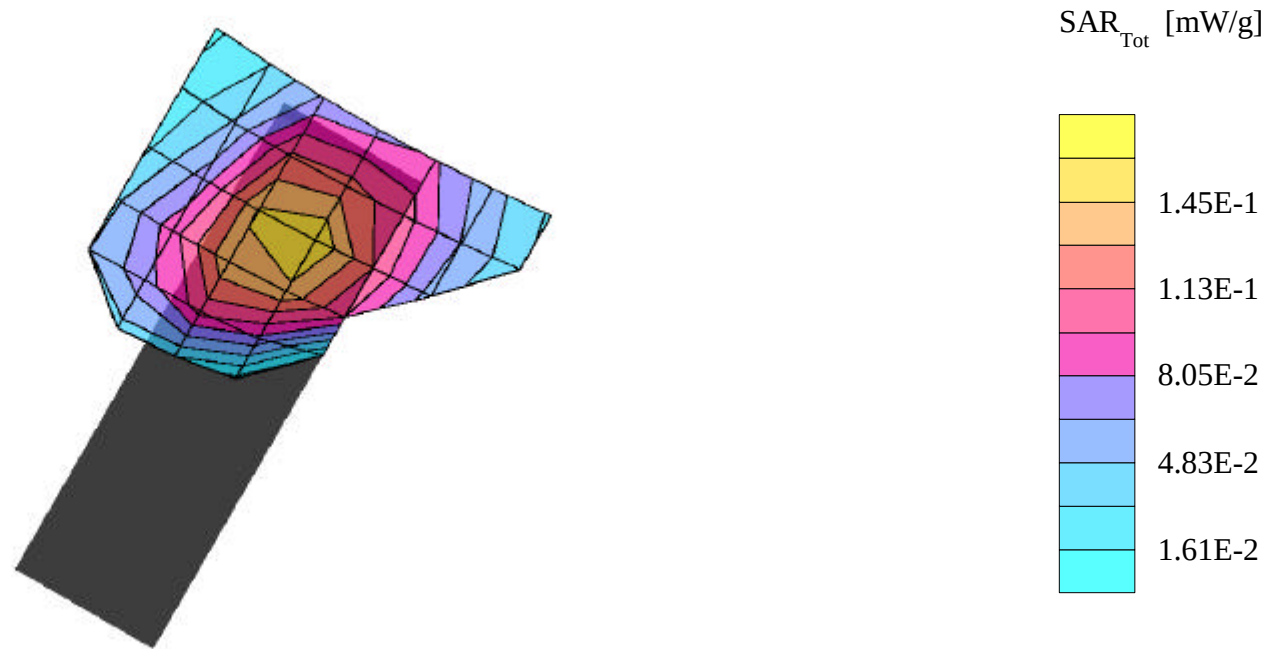
SAR (1g): 0.149 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.383 [836.49MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=26dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 20.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Head SAR

SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

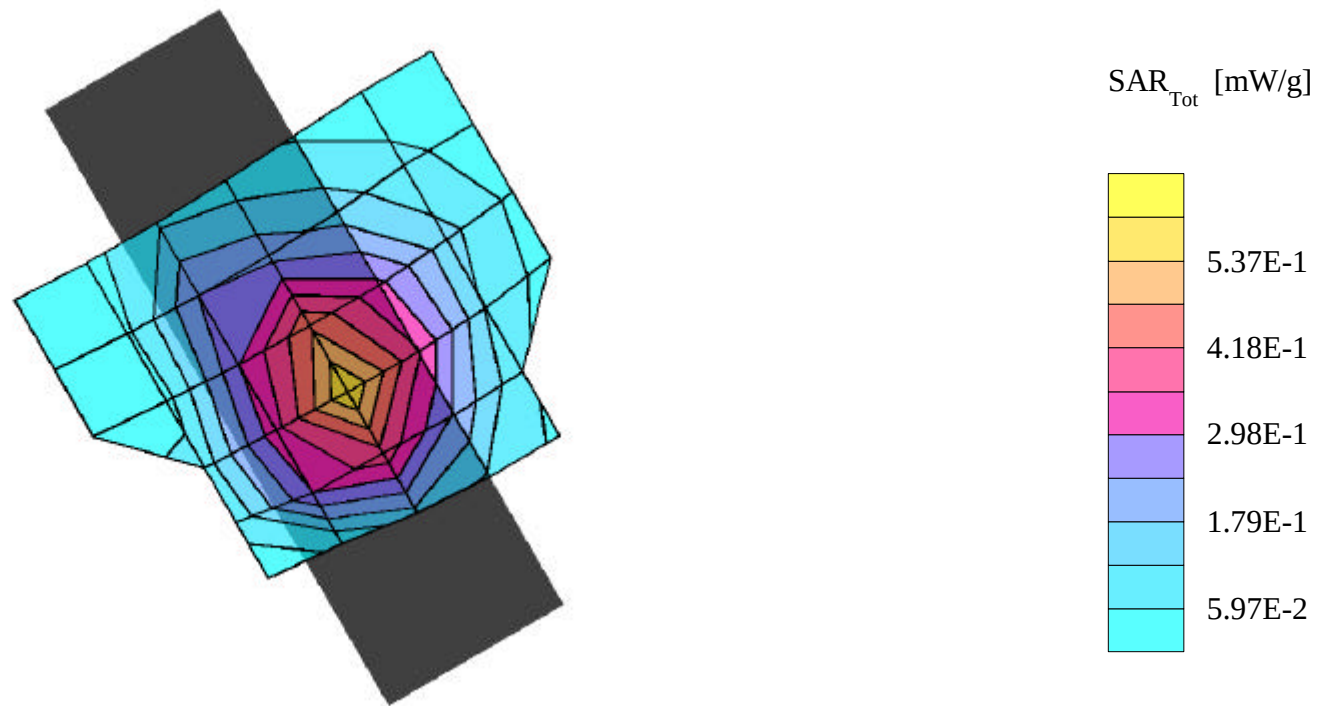
SAR (1g): 0.516 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.0363 [835.89MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=25dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 20.7

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Head SAR

SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

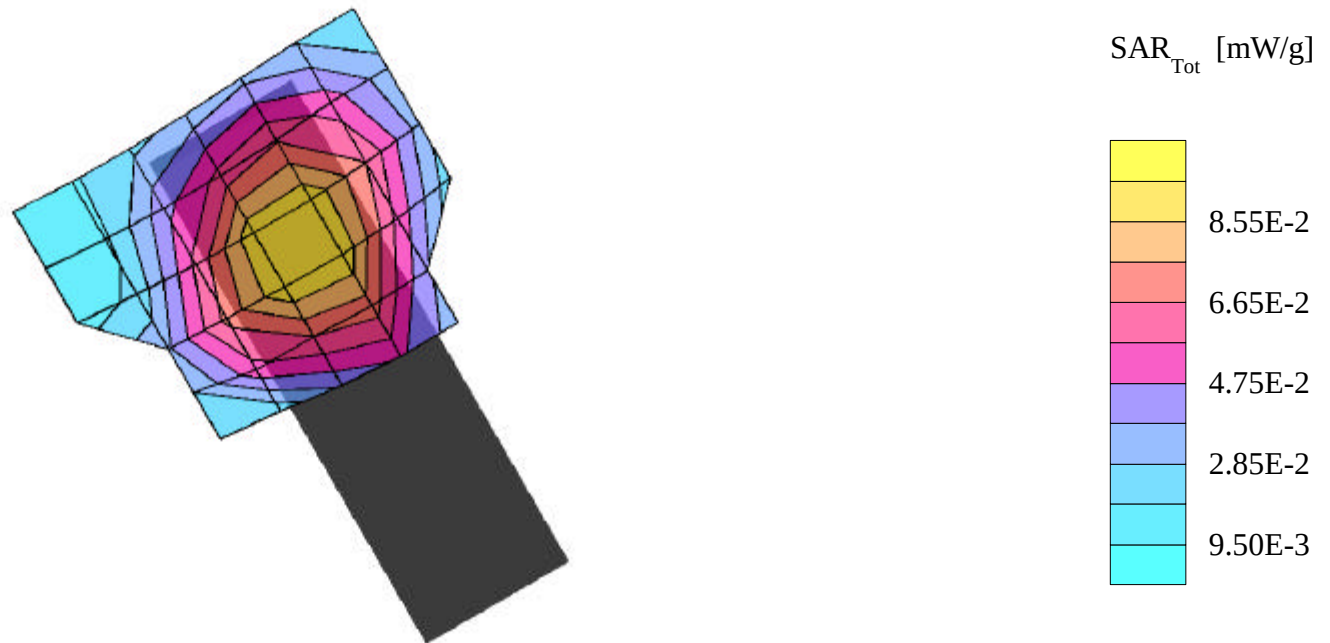
SAR (1g): 0.0926 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.0363 [835.89MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=25dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 20.7

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Head SAR

SAM(900MHz) Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

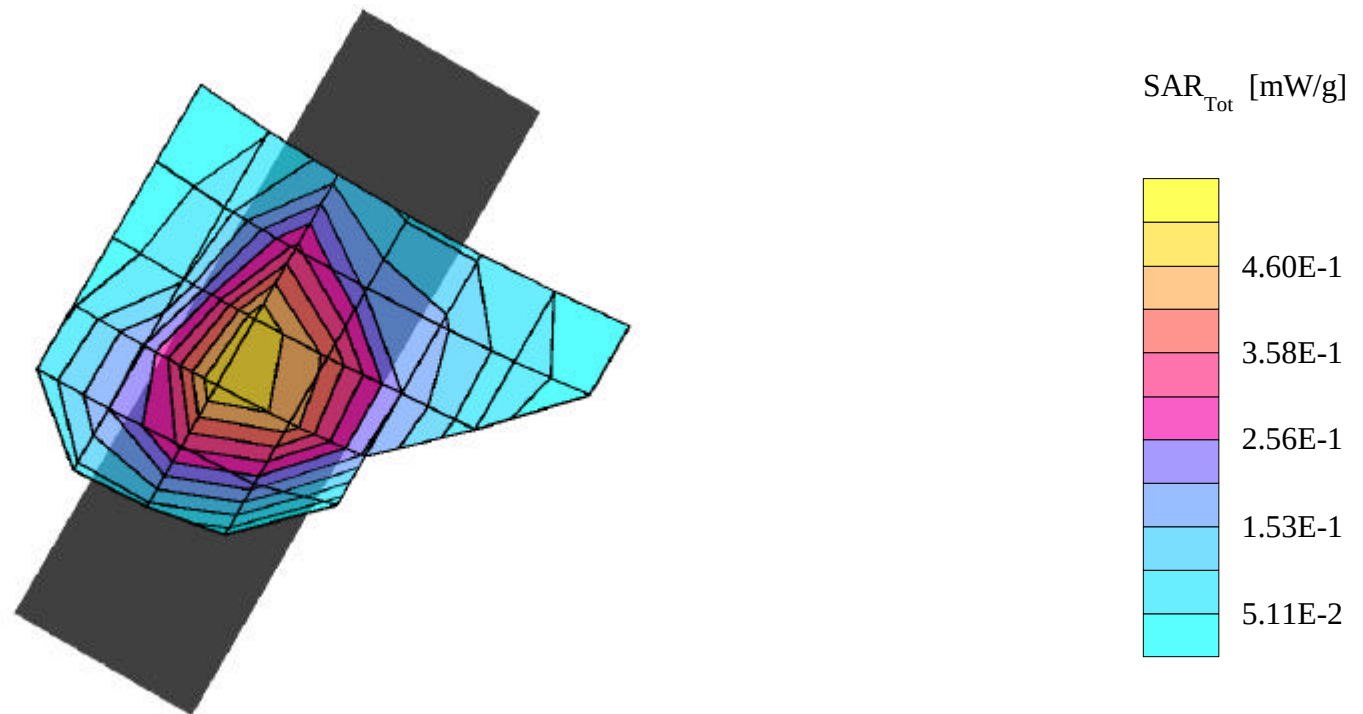
SAR (1g): 0.502 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.0363 [835.89MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=25dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 20.7

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Head SAR

SAM(900MHz) Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88$ mho/m $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

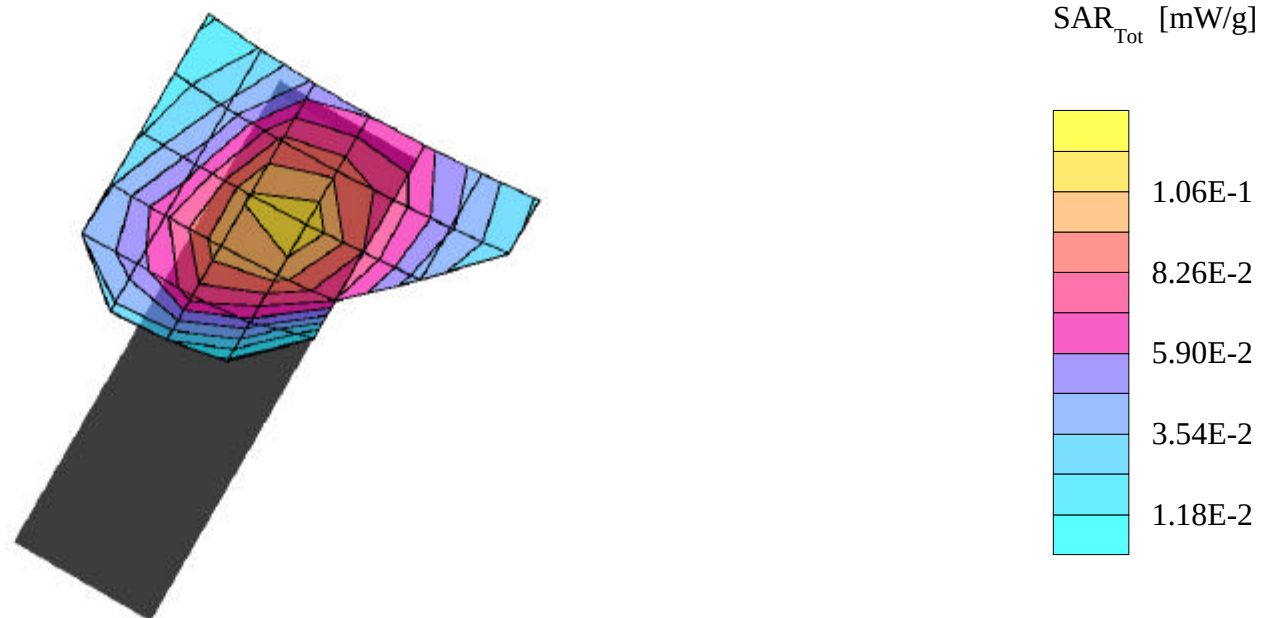
SAR (1g): 0.111 mW/g,

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.363 [835.89MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=25dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 20.7

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMAHead SAR

SAM(1800MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(5.60,5.60,5.60)

Head 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

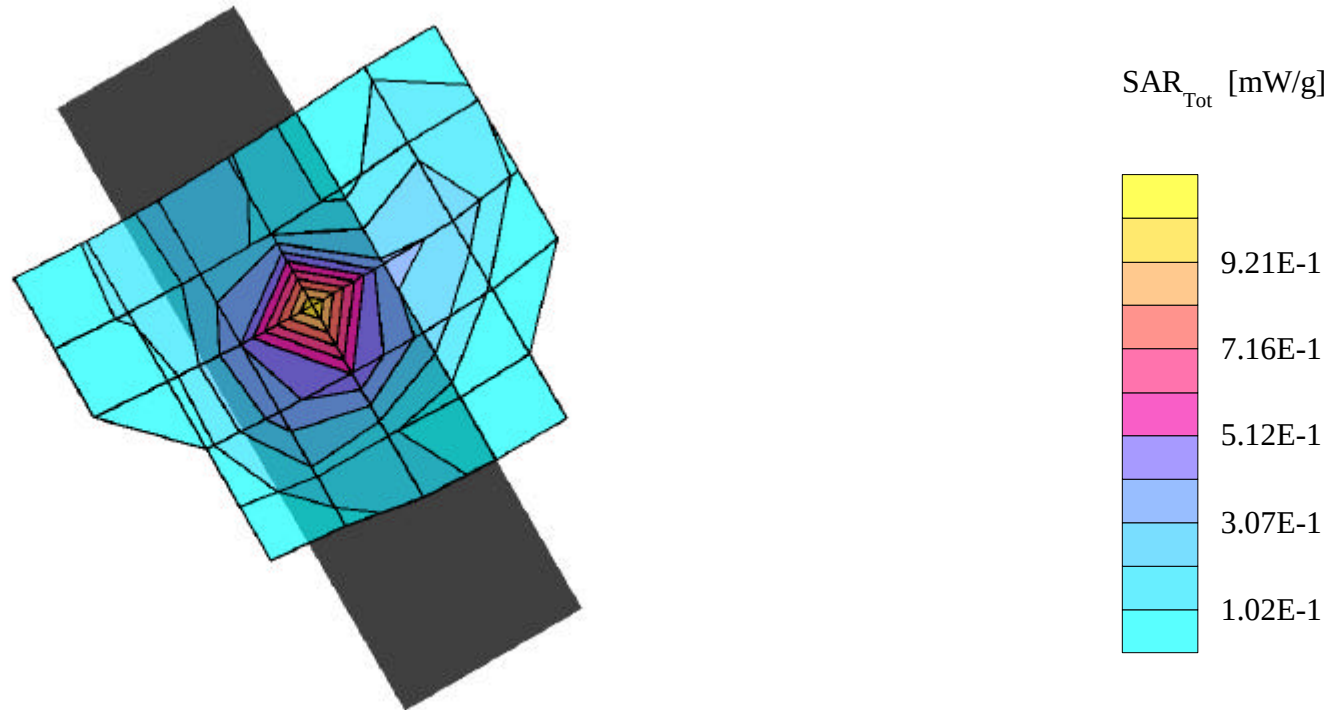
SAR (1g): 1.08 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch.25 [1851.25MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.5

Conducted Power=25dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.1

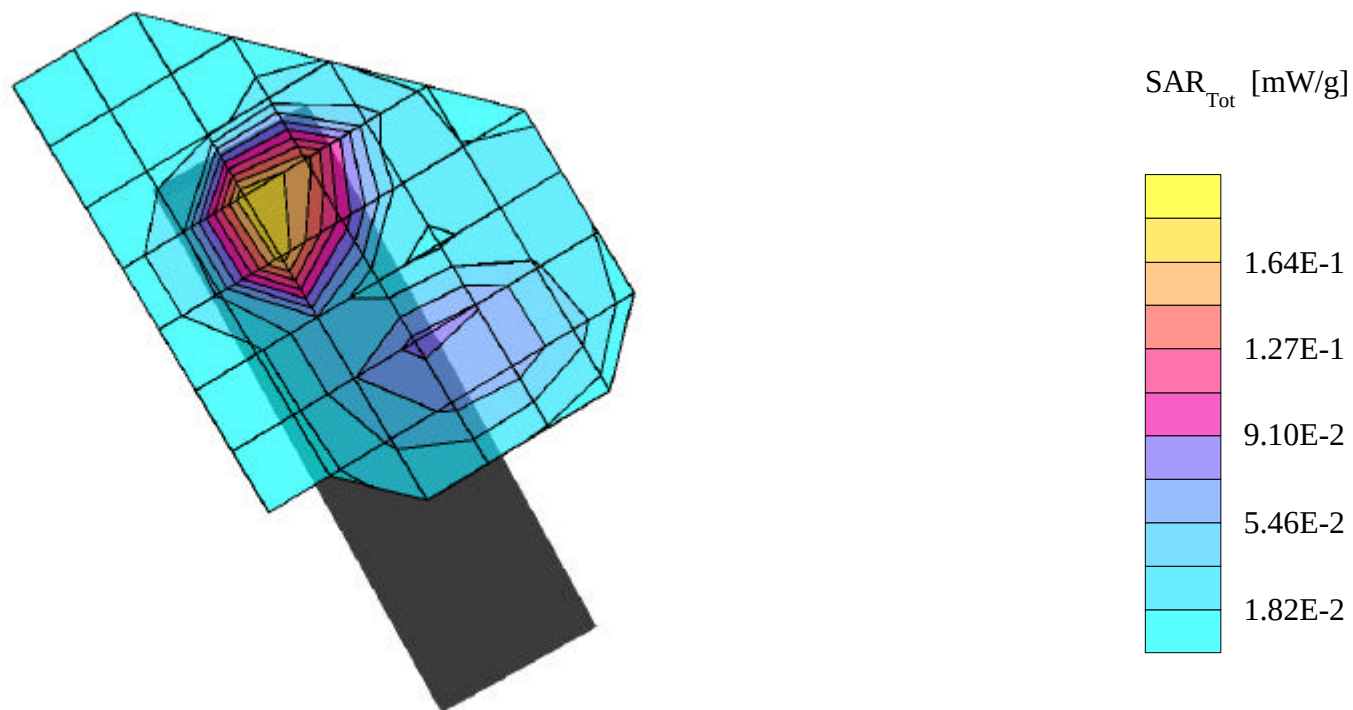
Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMA Head SAR

SAM(1800MHz) Phantom; Right Hand Section; Probe:ET3DV6 - SN1735; ConvF(5.60,5.60,5.60)
Head 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³; Antenna Position -- In; Crest Factor 1.0
SAR (1g): 0.202 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780
PCS Mode, Ch.600 [1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.5
Conducted Power=25dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.1
Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz P-CS CDMA Head SAR

SAM(1800MHz) Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(5.60,5.60,5.60)

Head 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

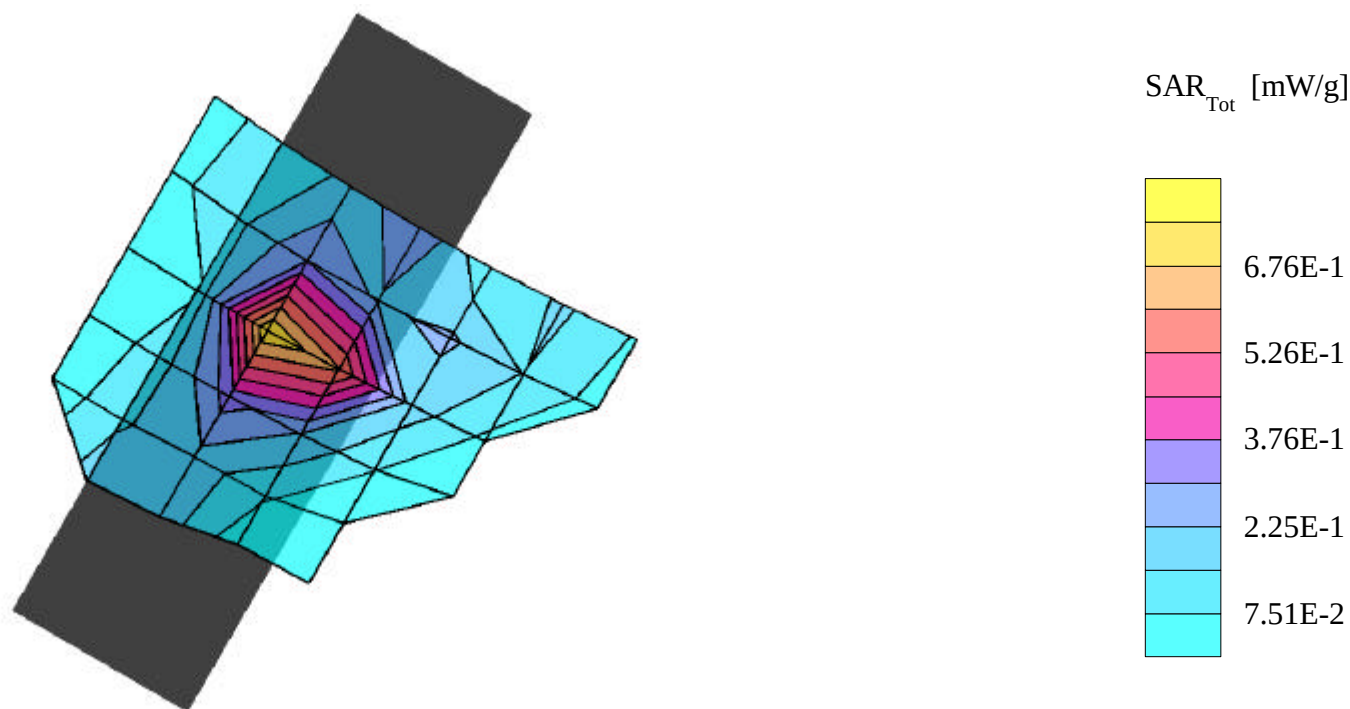
SAR (1g): 0.995 mW/g, SAR (10g): 0.495 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch.25 [1851.25MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.5

Conducted Power=25dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.1

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMA Head SAR

SAM(1800MHz) Phantom; Left Hand Section; Probe:ET3DV6 - SN1735; ConvF(5.60,5.60,5.60)

Head 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³ ; Antenna Position -- Out; Crest Factor 1.0

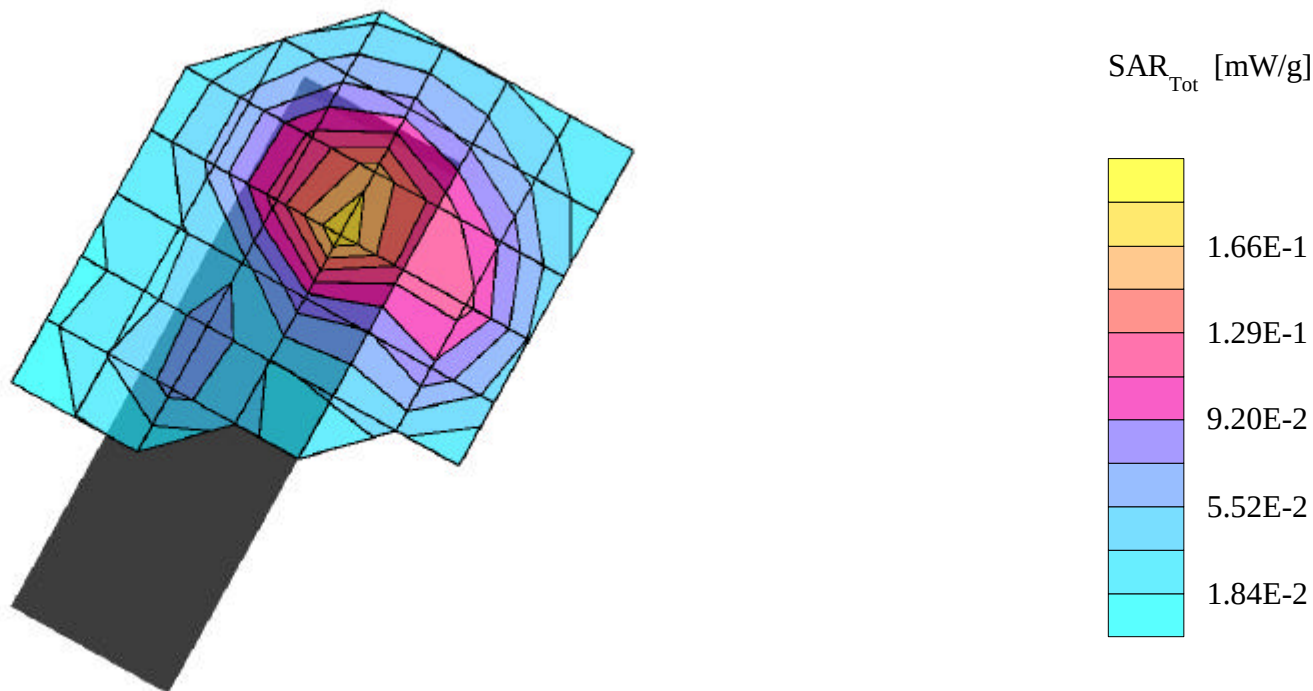
SAR (1g): 0.177 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch.600 [1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.5

Conducted Power=25dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.1

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Body SAR

SAM(900MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(6.90,6.90,6.90)

Body 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

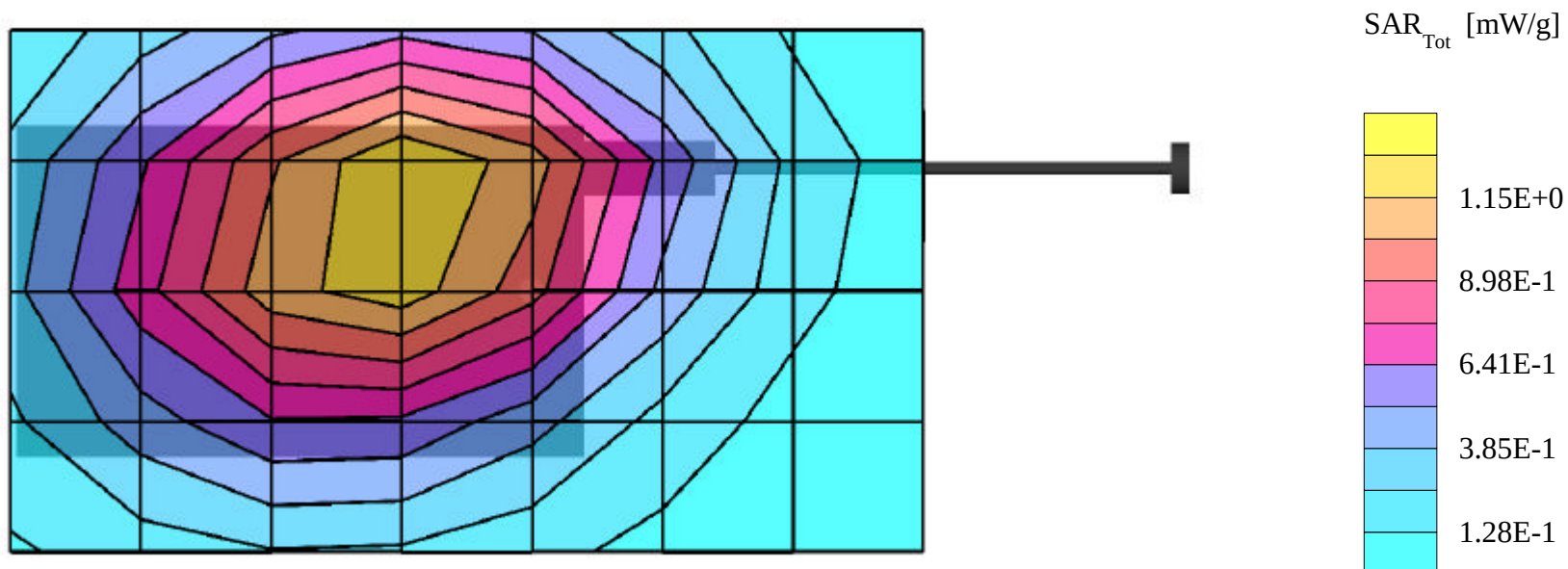
SAR (1g): 1.25 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

AMPS Mode, Ch.991 [824.04MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.4

Conducted Power=26dBm; Spacing=2.0cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Body SAR

SAM(900MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(6.90,6.90,6.90)

Body 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

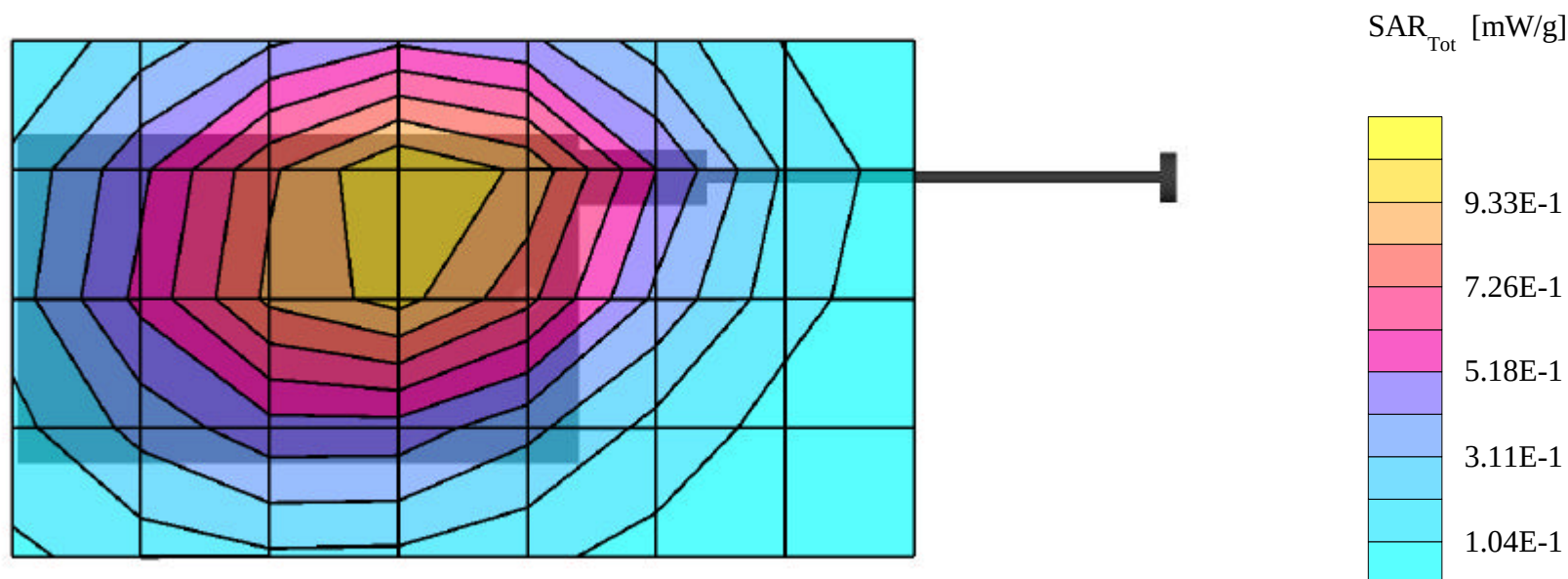
SAR (1g): 1.01 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.363 [835.89Hz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.7

Conducted Power=25dBm; Spacing=2.0cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.5

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMA Body SAR

SAM(1800MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(4.70,4.70,4.70)

Body 1900 MHz: $\sigma = 1.52$ mho/m $\epsilon_r = 51.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

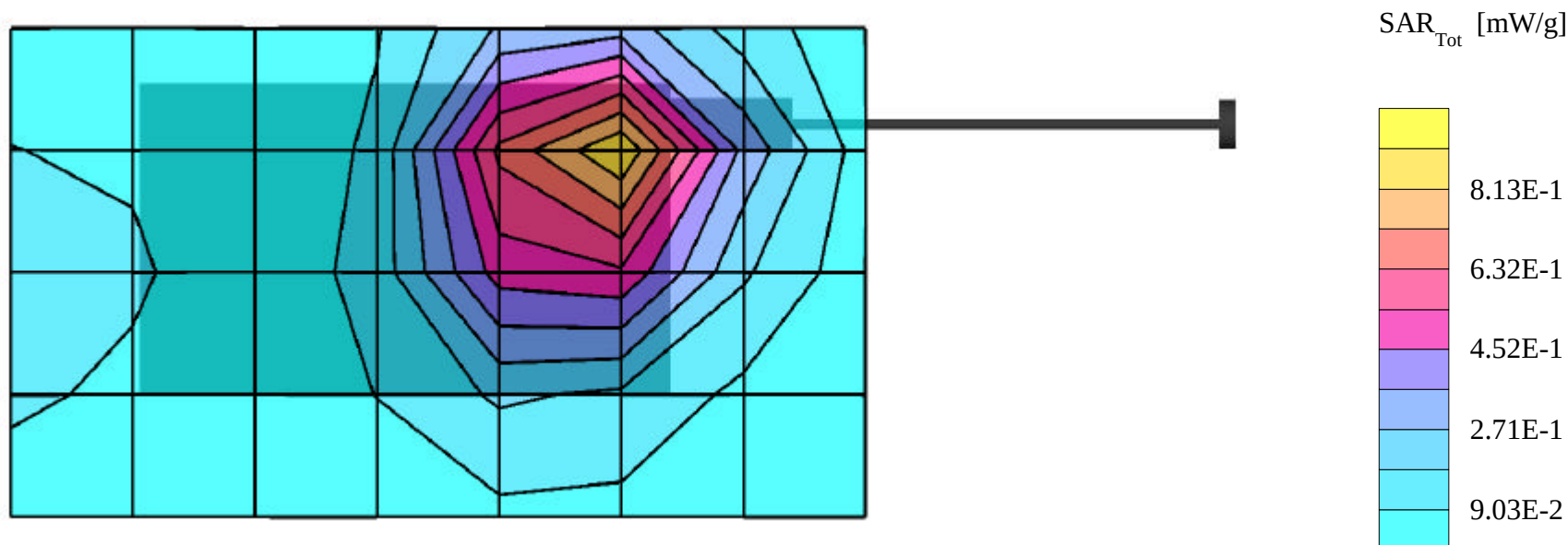
SAR (1g): 0.812 mW/g,

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch.1075 [1908.75MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.3

Conducted Power=25dBm; Spacing=2.0cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.7

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMA Face SAR

SAM(1800MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(5.60,5.60,5.60)

Head 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

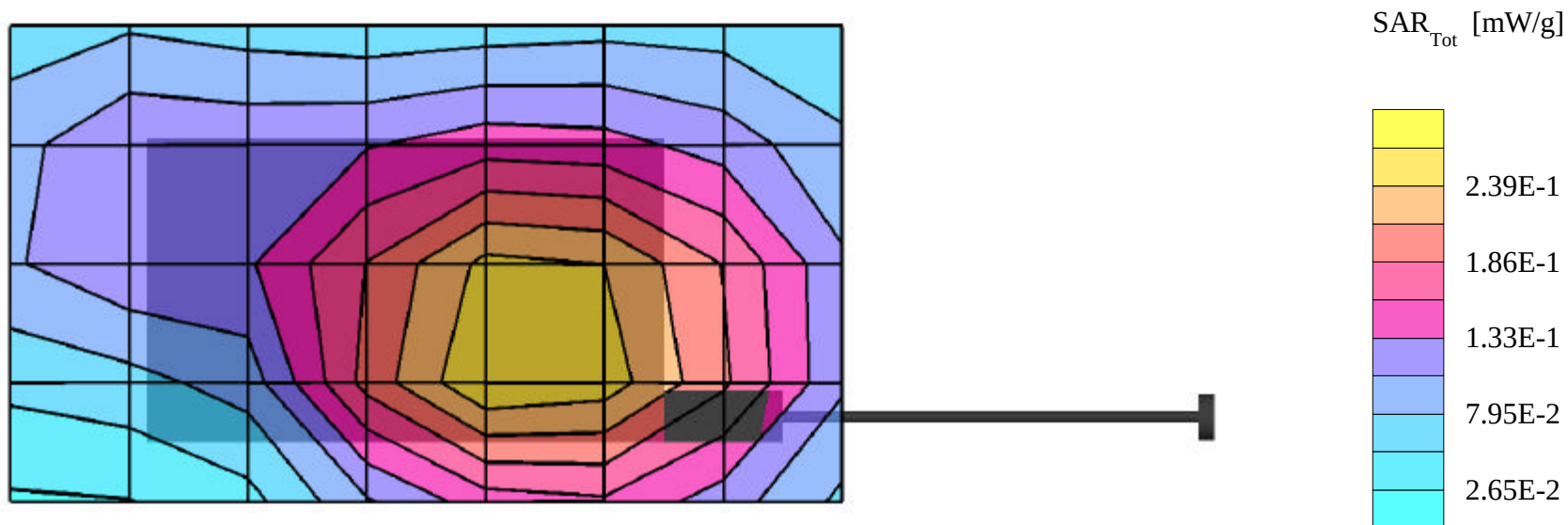
SAR (1g): 0.244 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch. 600 MHz[1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.5

Conducted Power=25dBm; Spacing=2.5cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.1

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Head SAR

SAM(900MHz) Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 40.5$ $\rho = 1.00 \text{ g/cm}^3$; Antenna Position -- Out; Crest Factor 1.0

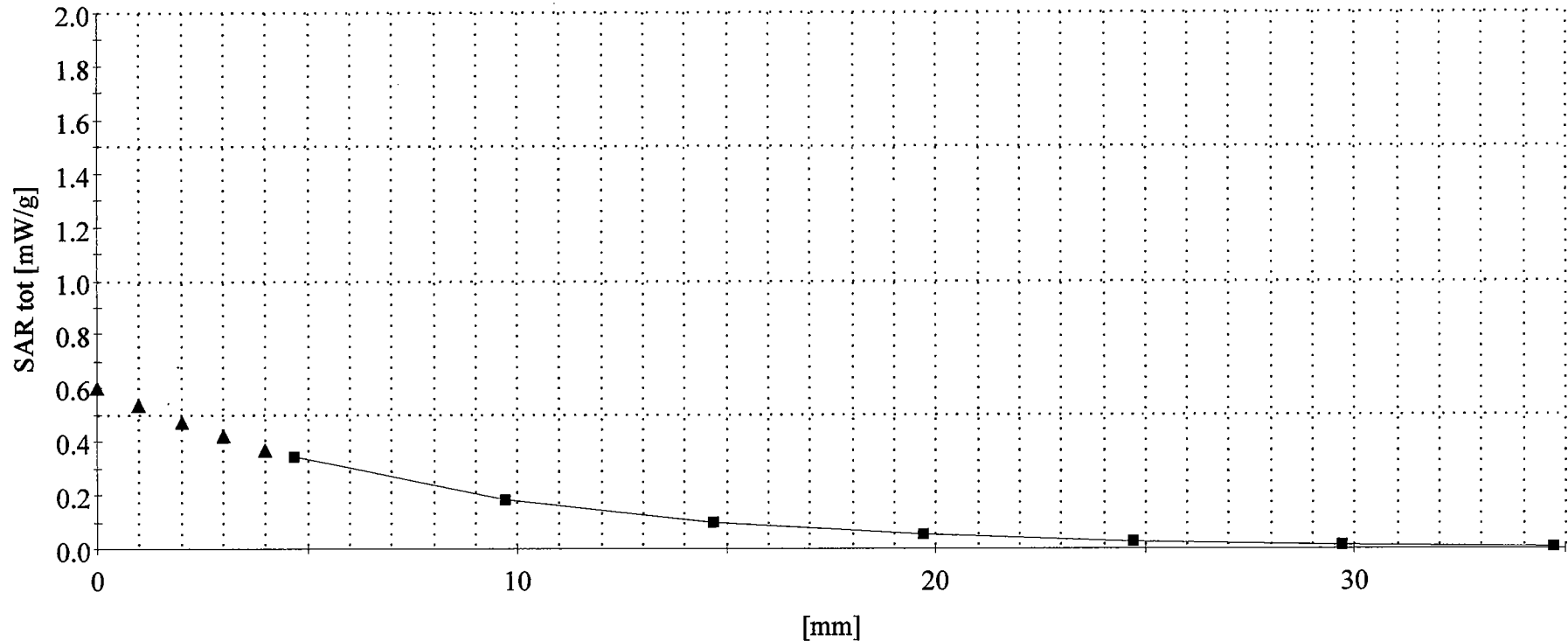
SAR (1g): 0.656 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

AMPS Mode, Ch.991 [824.04MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=26dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 20.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Head SAR

SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(7.00,7.00,7.00)

Head 835 MHz: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 40.5$ $\rho = 1.00 \text{ g/cm}^3$; Antenna Position -- Out; Crest Factor 1.0

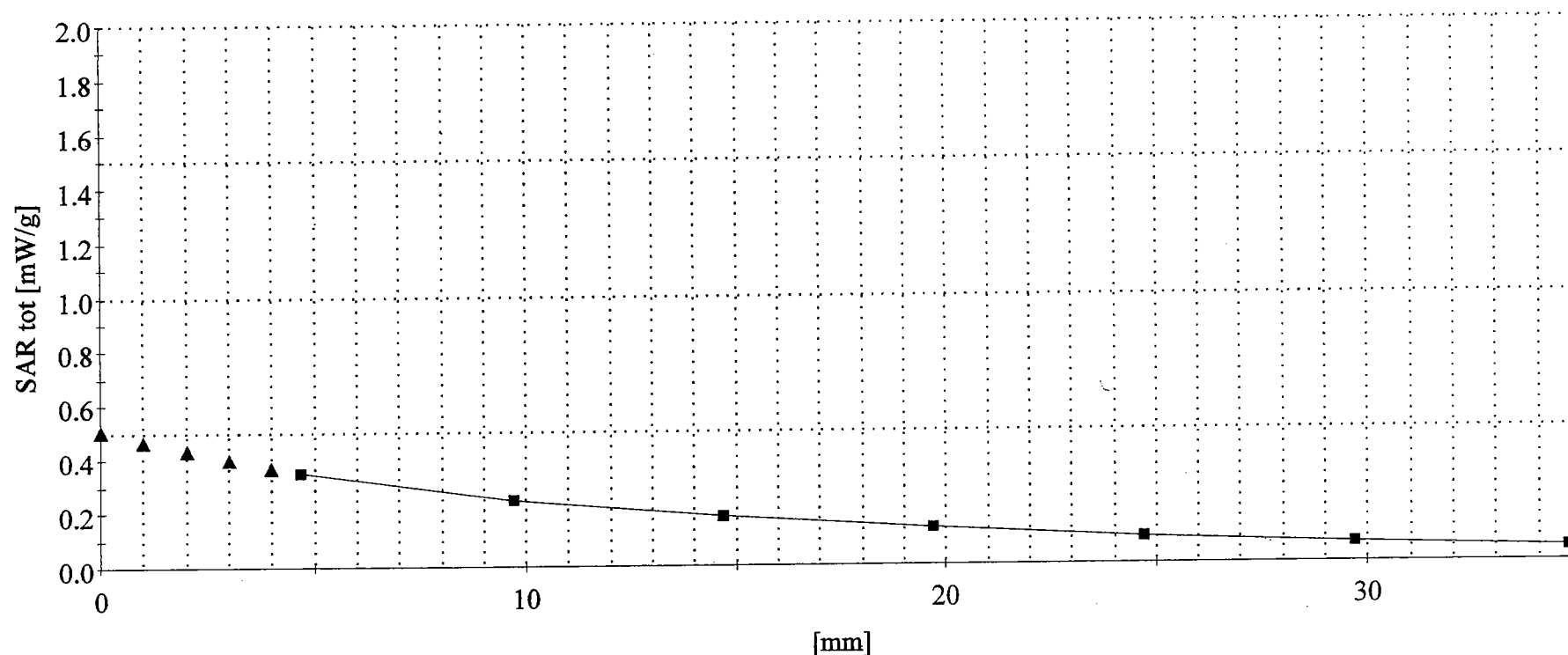
SAR (1g): 0.516 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.0363 [835.89MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.0

Conducted Power=25dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 20.7

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMAHead SAR

SAM(1800MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1735; ConvF(5.60,5.60,5.60)

Head 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

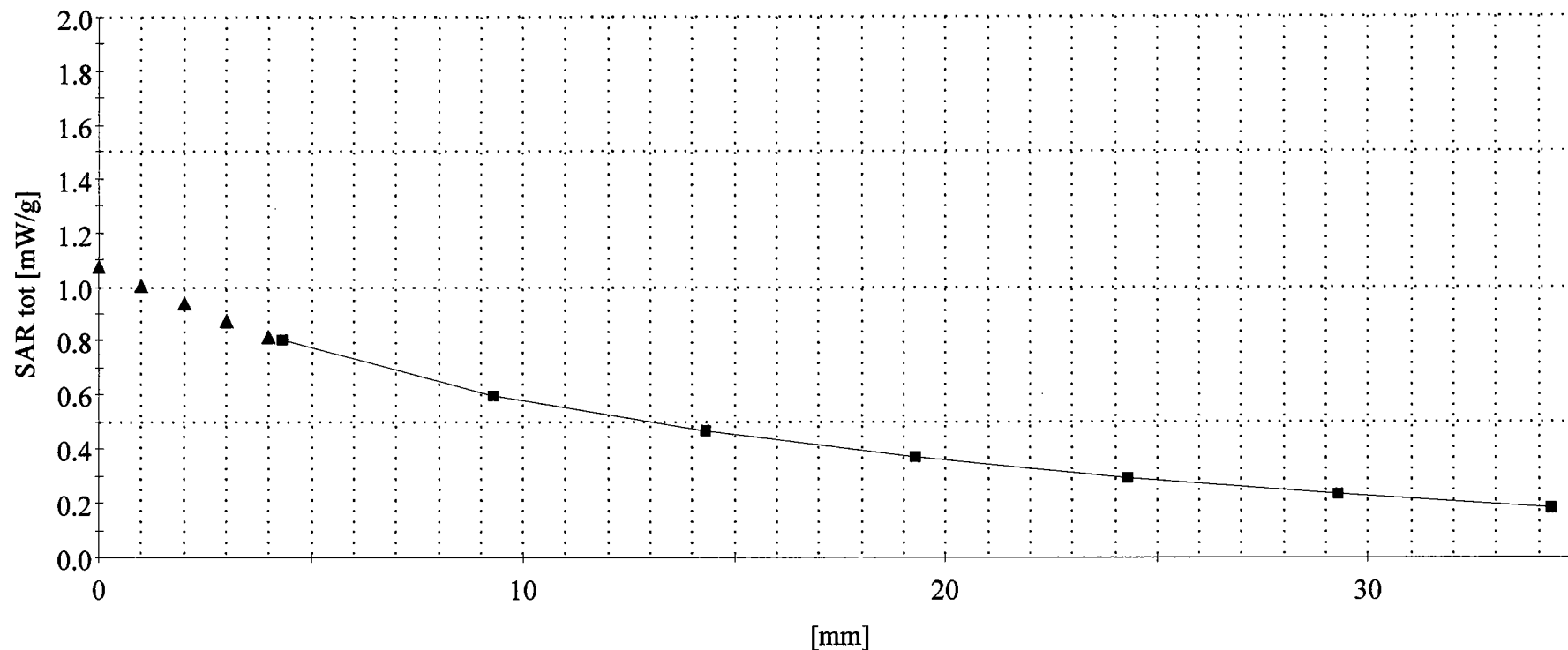
SAR (1g): 1.08 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch.25 [1851.25MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.5

Conducted Power=25dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.1

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz AMPS Body SAR

SAM(900MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(6.90,6.90,6.90)

Body 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

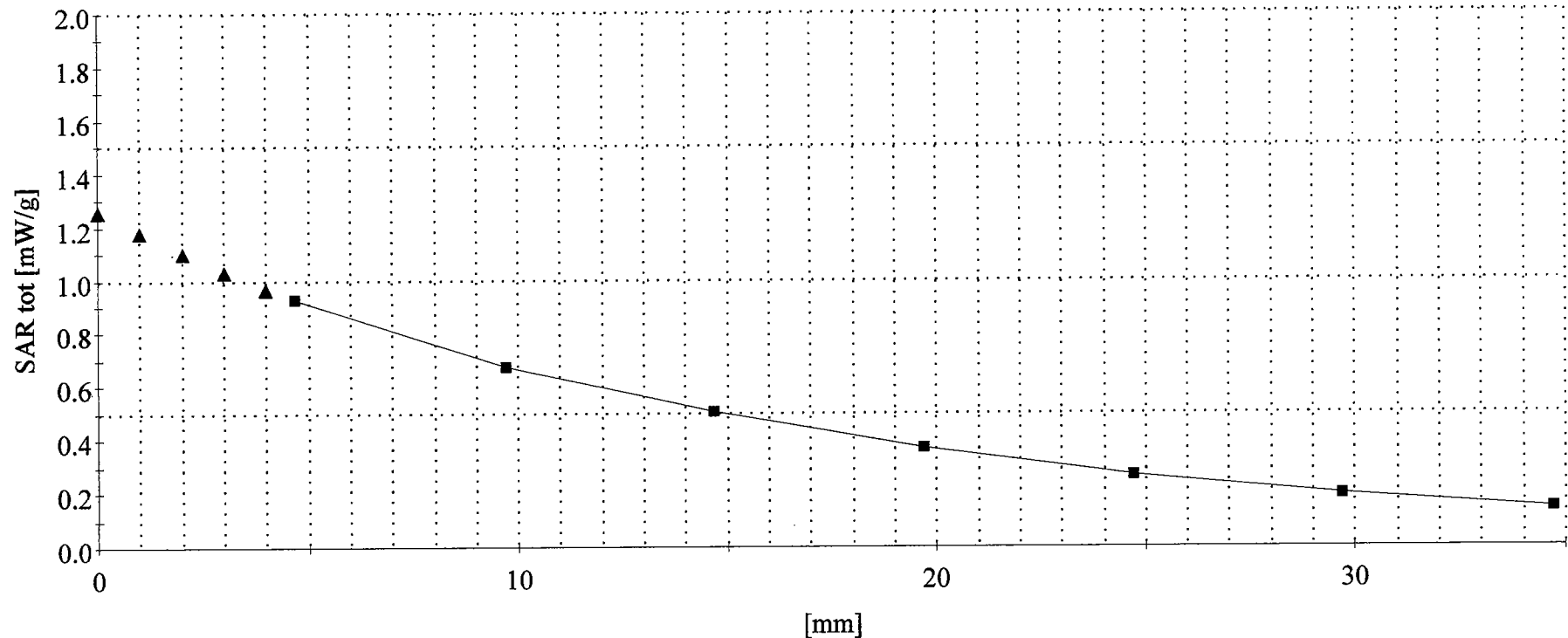
SAR (1g): 1.25 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

AMPS Mode, Ch.991 [824.04MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.4

Conducted Power=26dBm; Spacing=2.0cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.6

Test Date--05/24/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 835MHz CDMA Body SAR

SAM(900MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(6.90,6.90,6.90)

Body 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

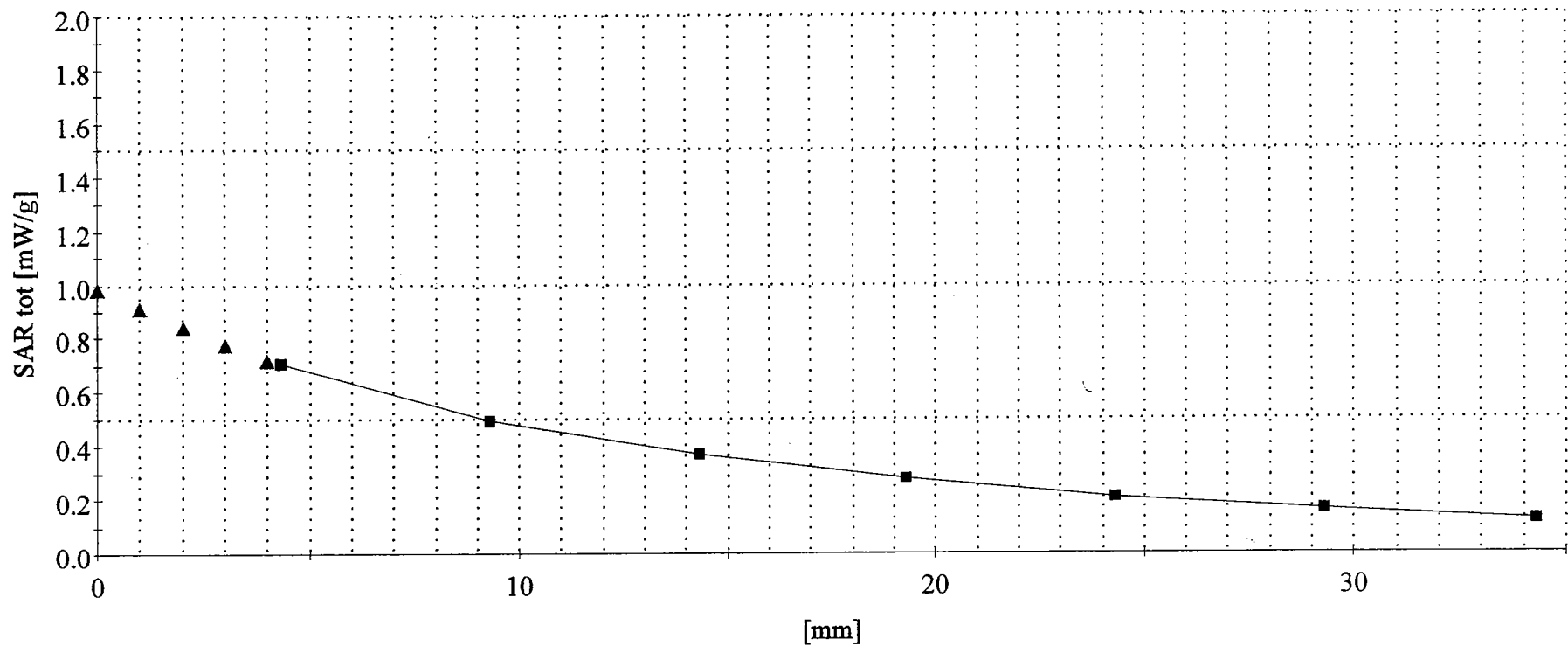
SAR (1g): 1.01 mW/g

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

CDMA Mode, Ch.363 [835.89Hz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.7

Conducted Power=25dBm; Spacing=2.0cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.5

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSPHA780 -- 1900MHz PCS CDMA Body SAR

SAM(1800MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1735; ConvF(4.70,4.70,4.70)

Body 1900 MHz: $\sigma = 1.52$ mho/m $\epsilon_r = 51.5$ $\rho = 1.00$ g/cm³; Antenna Position -- Out; Crest Factor 1.0

SAR (1g): 0.812 mW/g,

SAMSUNG Tri-Mode Dual-Band Analog/PCS Phone(AMPS/CDMA) Model: SPH-A780

PCS Mode, Ch.1075 [1908.75MHz]; Standard Battery; Meas. Ambient Temp. (°C) - 22.3

Conducted Power=25dBm; Spacing=2.0cm from flat phantom to phone, w/o beltclip or holster, Tissue Temp. (°C) - 21.7

Test Date--05/25/2004 [FCC/OET Bulletin 65-Supplement C, July 2001]

