

## SAMSUNG FCC ID: A3LSCHA612 -- 835MHz. CDMA Head SAR

SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1551; ConvF(6.80,6.80,6.80)

Med. Parameters Head 835 MHz:  $\sigma = 0.88$  mho/m  $\epsilon_r = 40.7$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- Out; Crest Factor 1.0

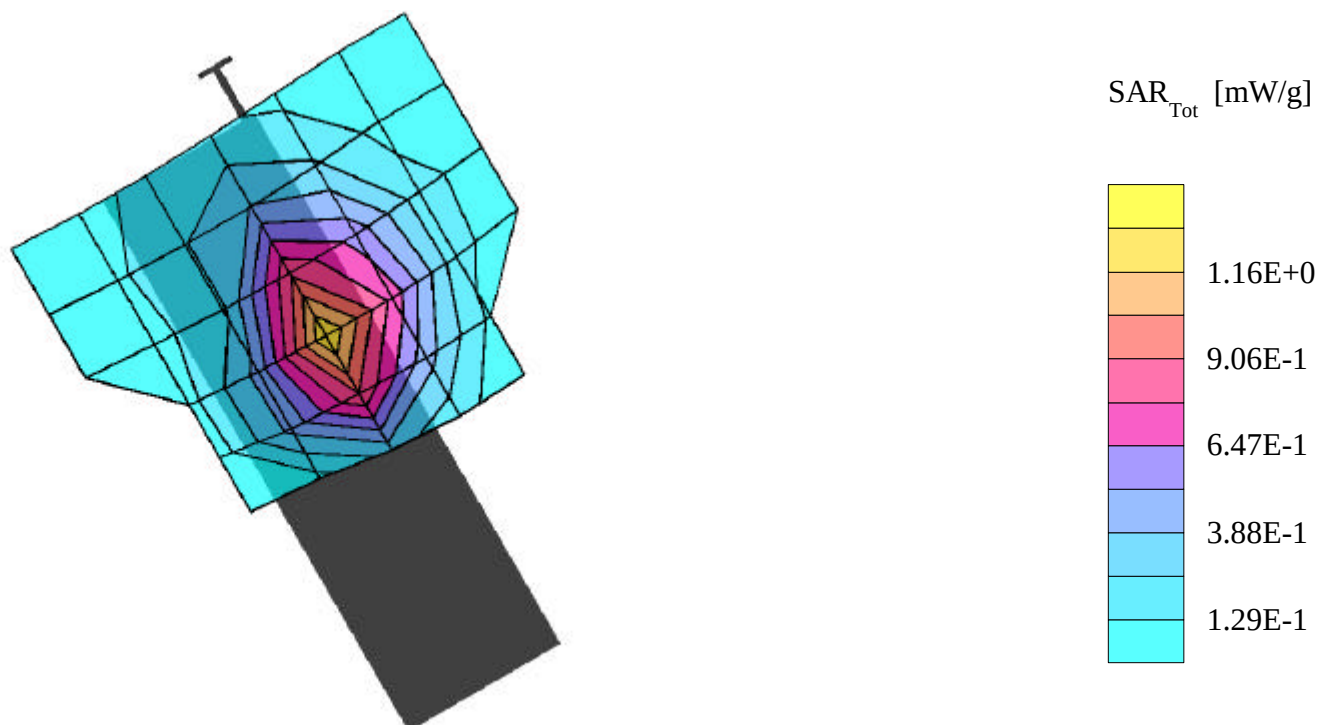
SAR (1g): 1.22 mW/g,

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

Cellular CDMA Mode, Ch.777 [848.31MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 22.5

Conducted Power = 24.5dBm; Right Head Phantom, Cheek/Touch Position, Meas. Tissue Temp. (°C) - 21.2

Test Date -- 03/17/2003 [ FCC/OET Bulletin 65 - Supplement C, July 2001]



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SAM(900MHz) Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1551; ConvF(6.80,6.80,6.80)

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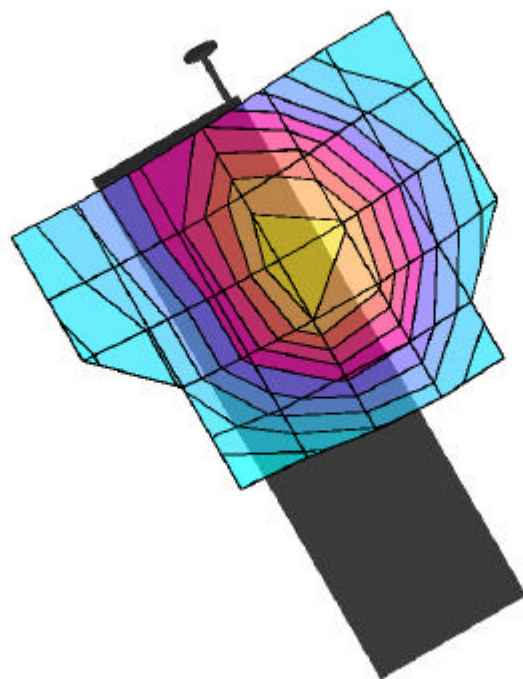
SAR (1g): 0.275 mW/g

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

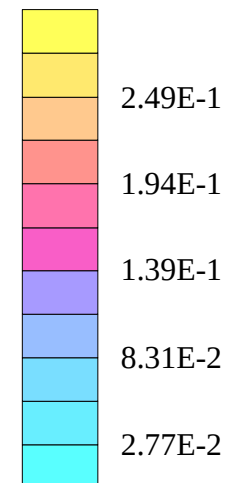
Cellular CDMA Mode, Ch.1013 [824.70MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 22.5

Conducted Power = 24.5dBm; Right Head Phantom, Ear/Tilt 15 deg Position, Meas. Tissue Temp. (°C) - 21.2

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SAR<sub>Tot</sub> [mW/g]



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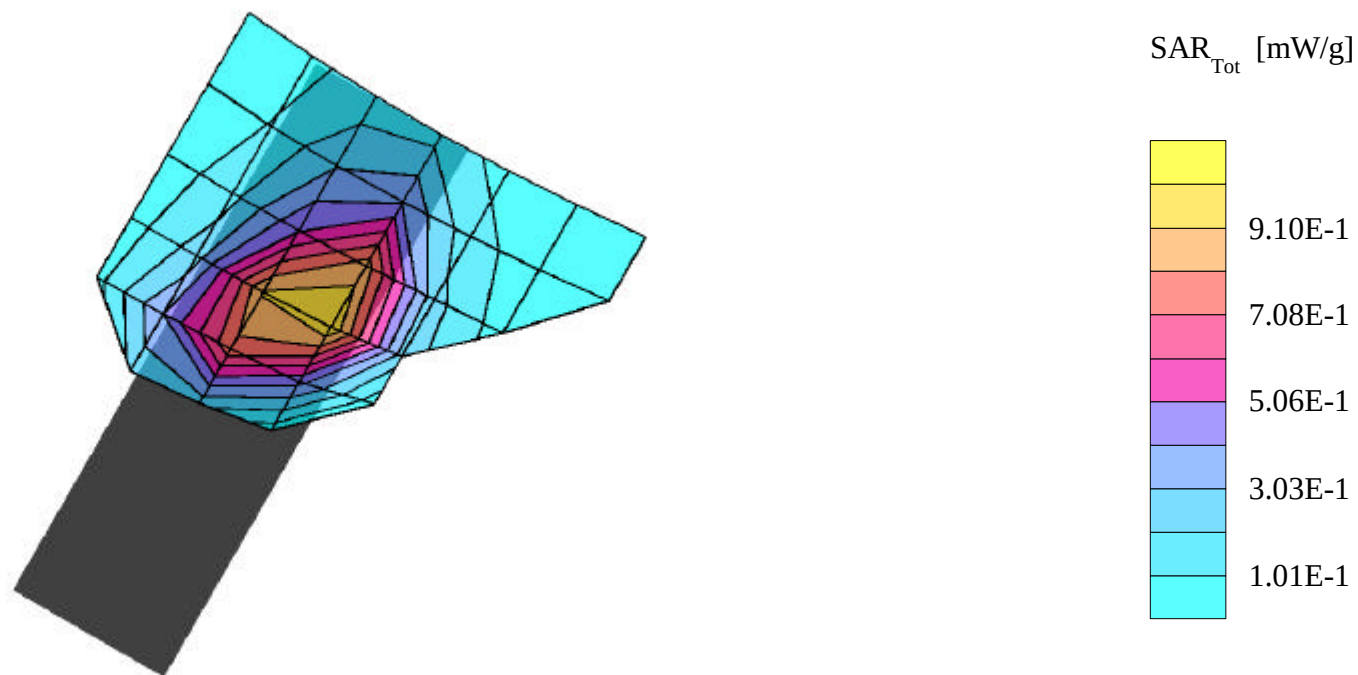
SAR (1g): 1.08 mW/g

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

Cellular CDMA Mode, Ch.777 [848.31MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 22.6

Conducted Power = 24.5dBm; Left Head Phantom, Cheek/Touch Position, Meas. Tissue Temp. (°C) - 21.2

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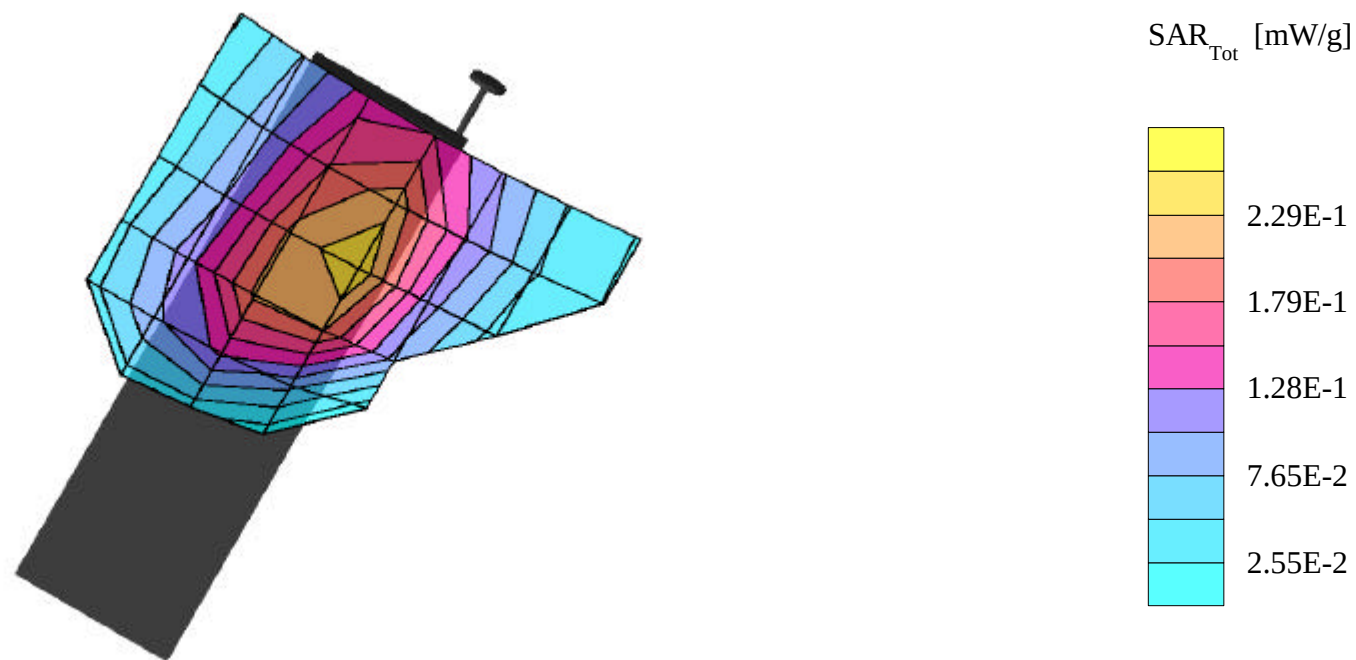
SAR (1g): 0.244 mW/g

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

Cellular CDMA Mode, Ch.777 [848.31MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 22.6

Conducted Power = 24.5dBm; Left Head Phantom, Ear/Tilt 15 deg. Position, Meas. Tissue Temp. (°C) - 21.2

Test Date -- 03/17/2003 [FCC/OET Bulletin 65 - Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSCHA612 -- 835MHz. CDMA Body SAR

SAM(900MHz) Phantom; Flat Section; Probe:ET3DV6 - SN1551; ConvF(6.60,6.60,6.60)

Med. Parameters Body 835 MHz:  $\sigma = 0.94$  mho/m  $\epsilon_r = 54.5$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position -- Out; Crest Factor 1.0

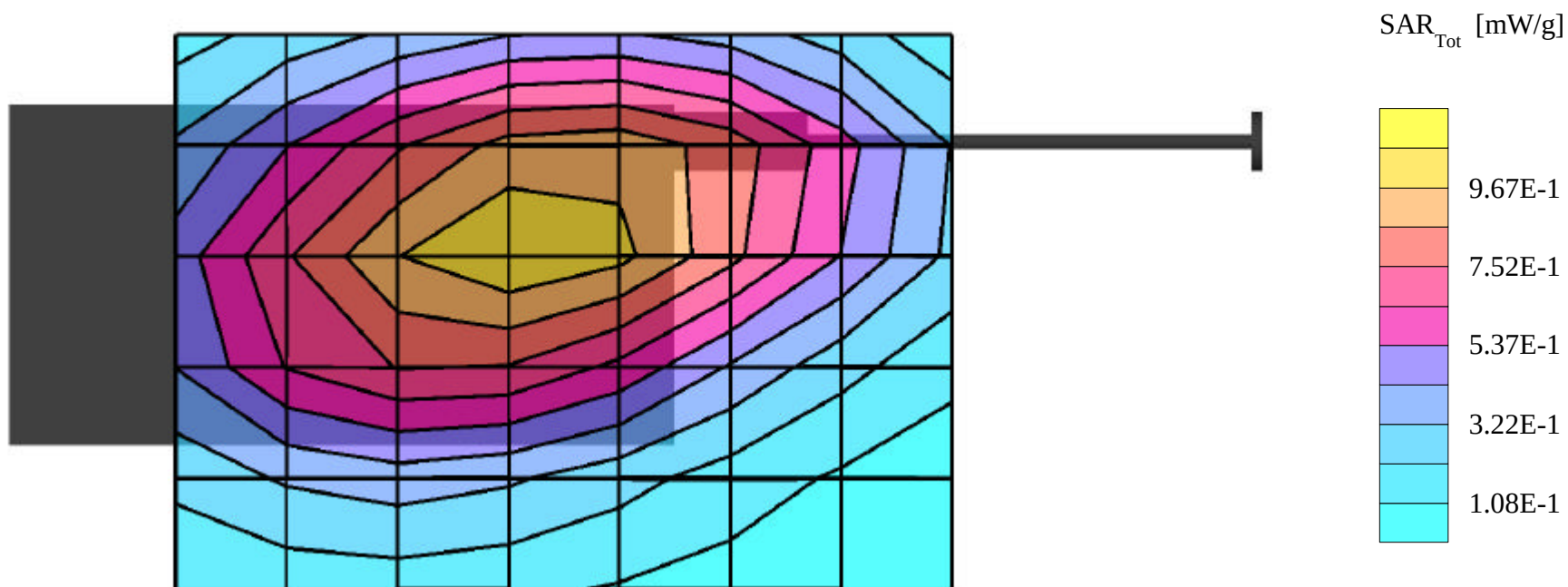
SAR (1g): 0.983 mW/g

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

Cellular CDMA Mode, Ch.777 [848.31MHz]; Standard Battery; Flip = close; Ambient Temp. (°C) - 22.7

Conducted Power = 24.5dBm; Spacing = 1.5cm. from flat phantom to phone w/o beltclip or holster, Tissue Temp. (°C) - 21.4

Test Date -- 03/18/2003 [FCC/OET Bulletin 65 - Supplement C, July 2001]



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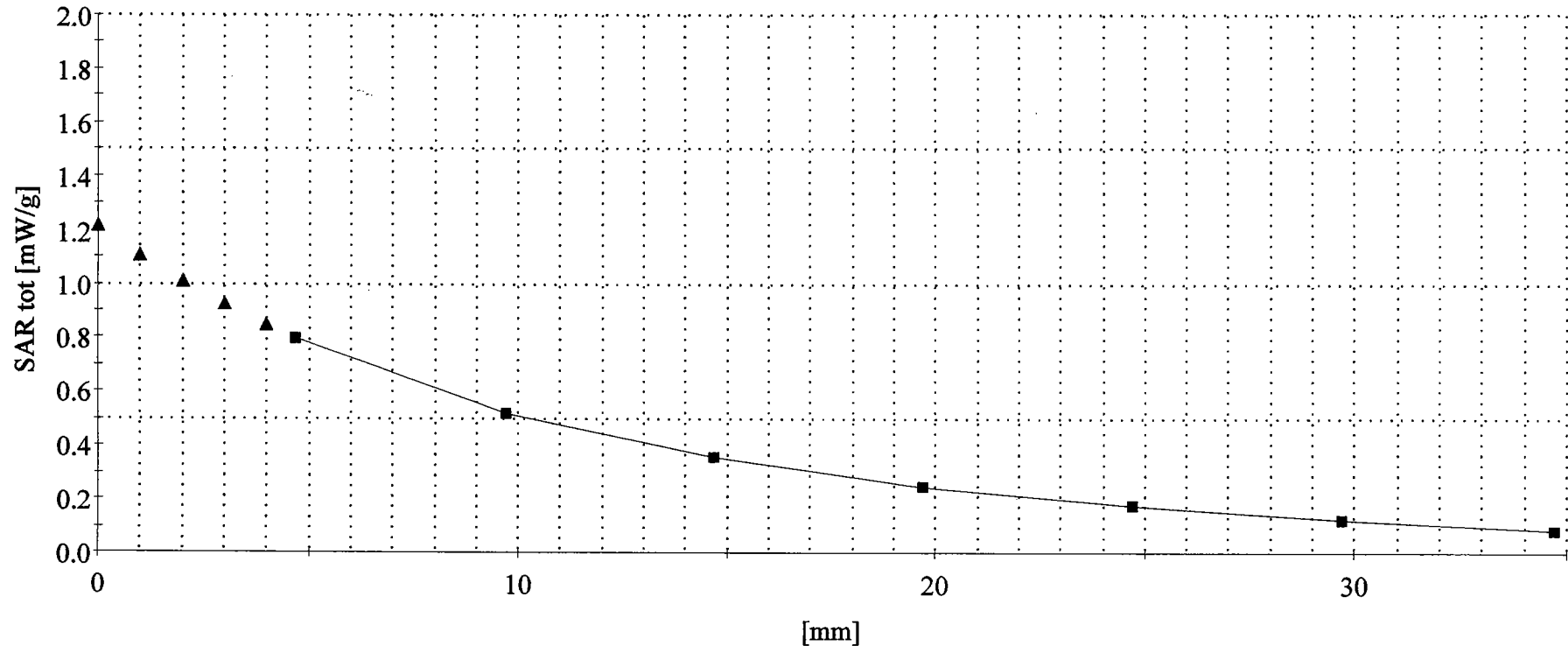
SAR (1g): 1.22 mW/g,

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

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Conducted Power = 24.5dBm; Right Head Phantom, Cheek/Touch Position, Meas. Tissue Temp. (°C) - 21.2

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SAR (1g): 0.983 mW/g

SAMSUNG Single-Mode Cellular Phone Model: SCH-A612

Cellular CDMA Mode, Ch.777 [848.31MHz]; Standard Battery; Flip = close; Ambient Temp. (°C) - 22.7

Conducted Power = 24.5dBm; Spacing = 1.5cm. from flat phantom to phone w/o beltclip or holster, Tissue Temp. (°C) - 21.4

Test Date -- 03/18/2003 [FCC/OET Bulletin 65 - Supplement C, July 2001]

