

# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Right Hand Section; Probe: ET3DV6 - SN1551 -- ConvF(5.40,5.40,5.40)

Head 1900 MHz:  $\sigma = 1.39$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0

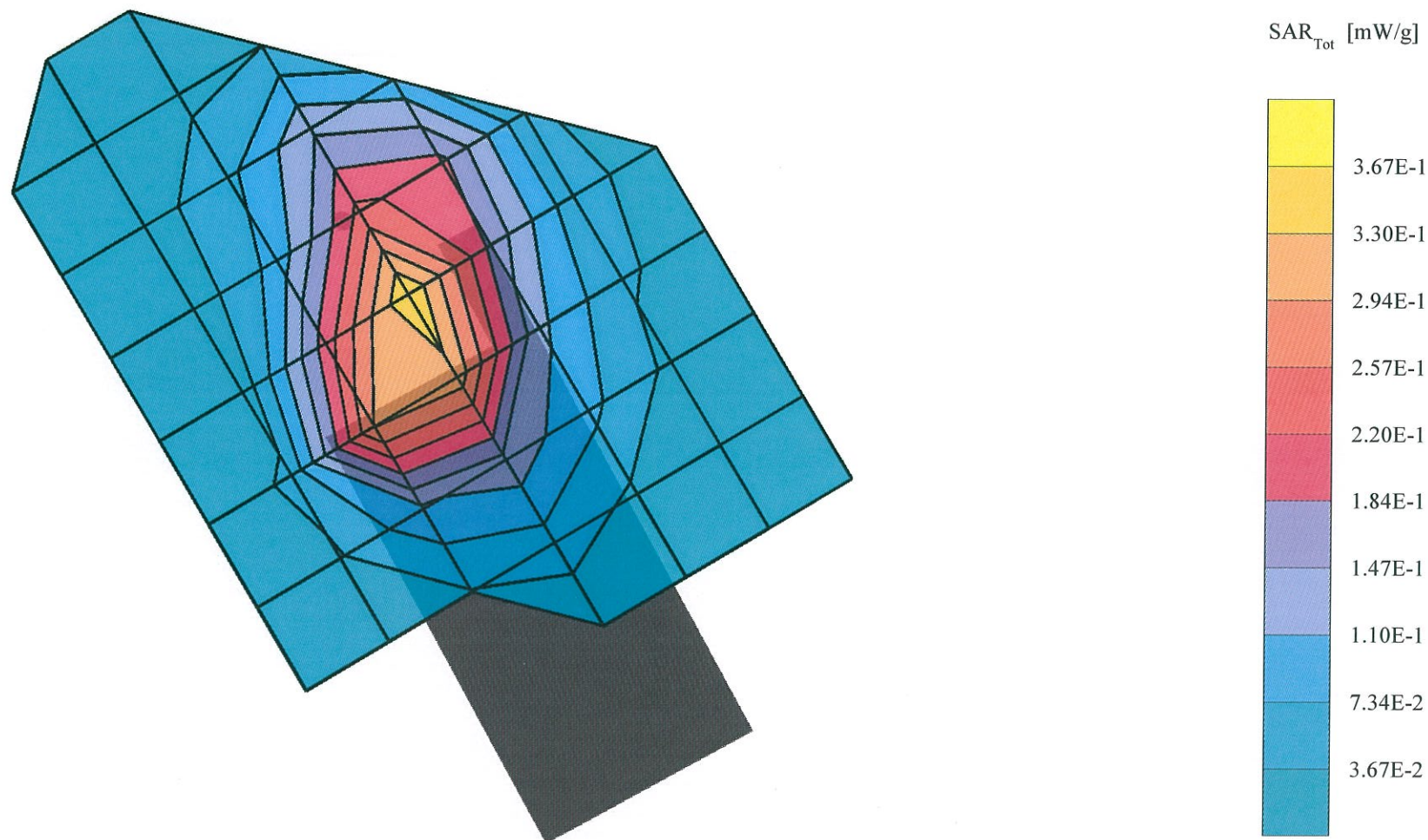
SAR (1g): 0.415 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.5

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.3

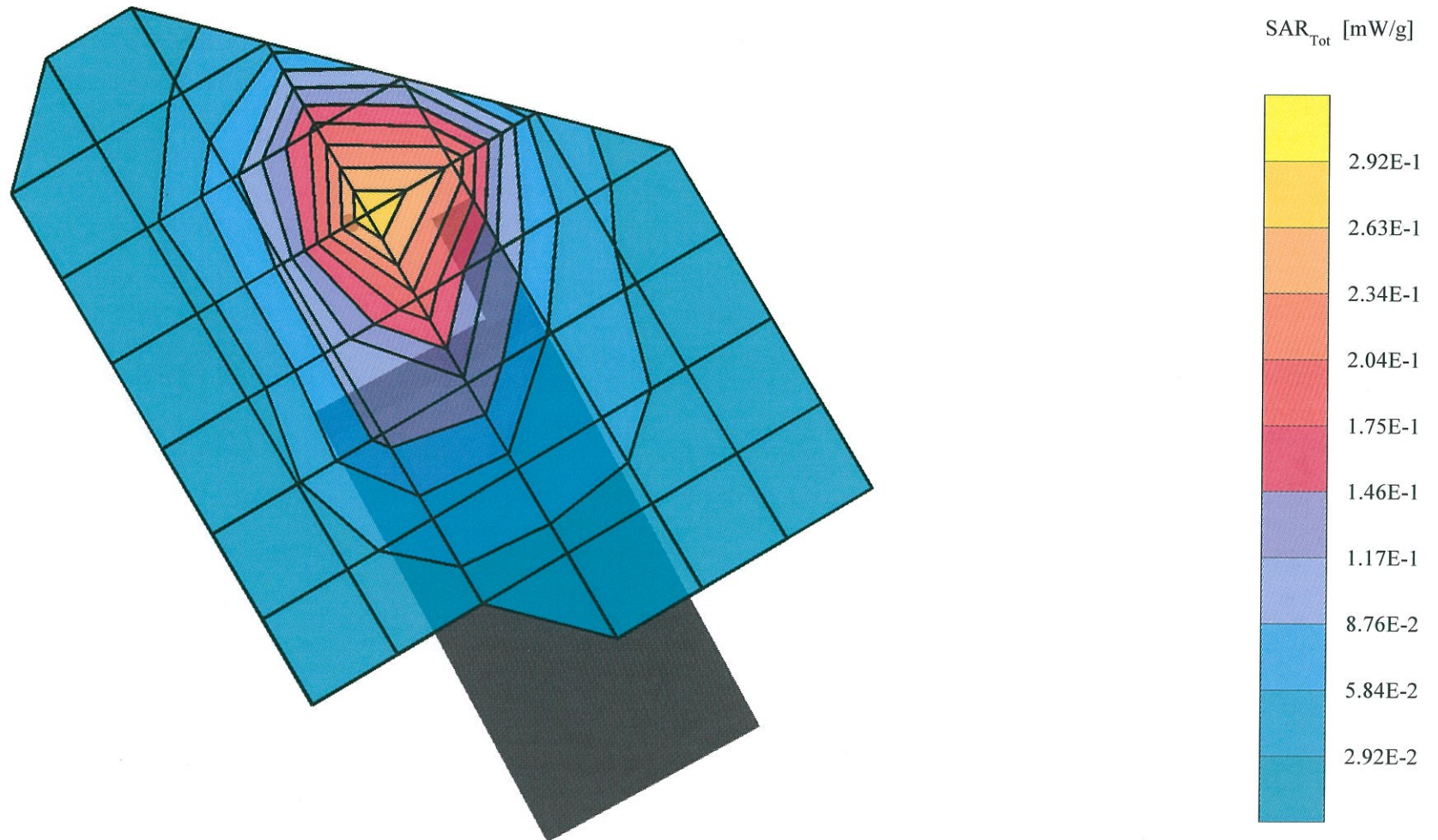
Test Date--01/29/2004[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Right Hand Section; Probe: ET3DV6 - SN1551 -- ConvF(5.40,5.40,5.40)  
Head 1900 MHz:  $\sigma = 1.39$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0  
SAR (1g): 0.304 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418  
GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.5  
Conducted Power=30dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.3  
Test Date--01/29/2004[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Left Hand Section; Probe: ET3DV6 - SN1551 -- ConvF(5.40,5.40,5.40)

Head 1900 MHz:  $\sigma = 1.39$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0

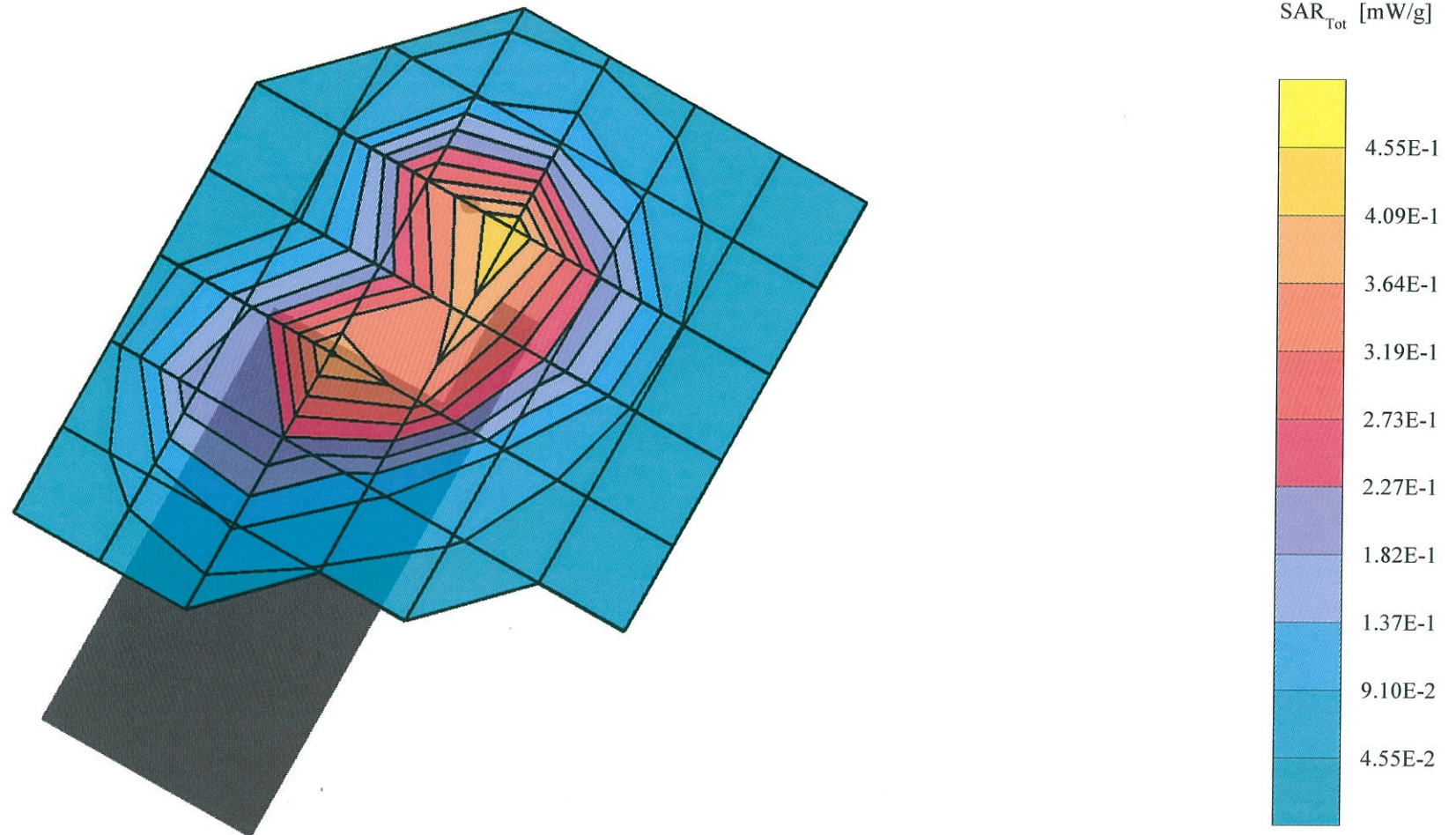
SAR (1g): 0.419 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.5

Conducted Power=30dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.3

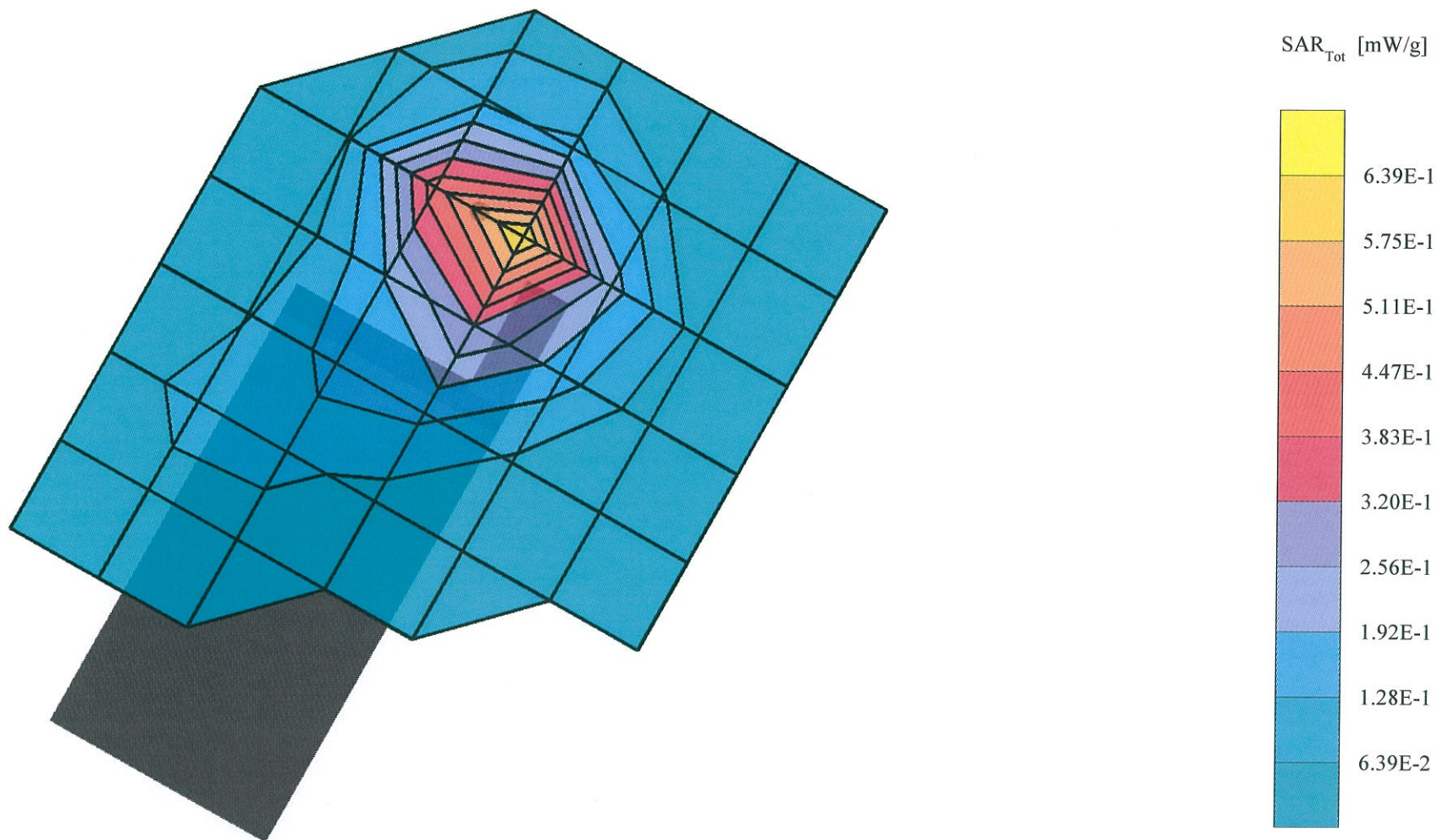
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# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Left Hand Section; Probe: ET3DV6 - SN1551 -- ConvF(5.40,5.40,5.40)  
Head 1900 MHz:  $\sigma = 1.39$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0  
SAR (1g): 0.574 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418  
GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.5  
Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.3  
Test Date--01/29/2004[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Body SAR

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

Body 1900 MHz:  $\sigma = 1.53$  mho/m  $\epsilon_r = 50.9$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0

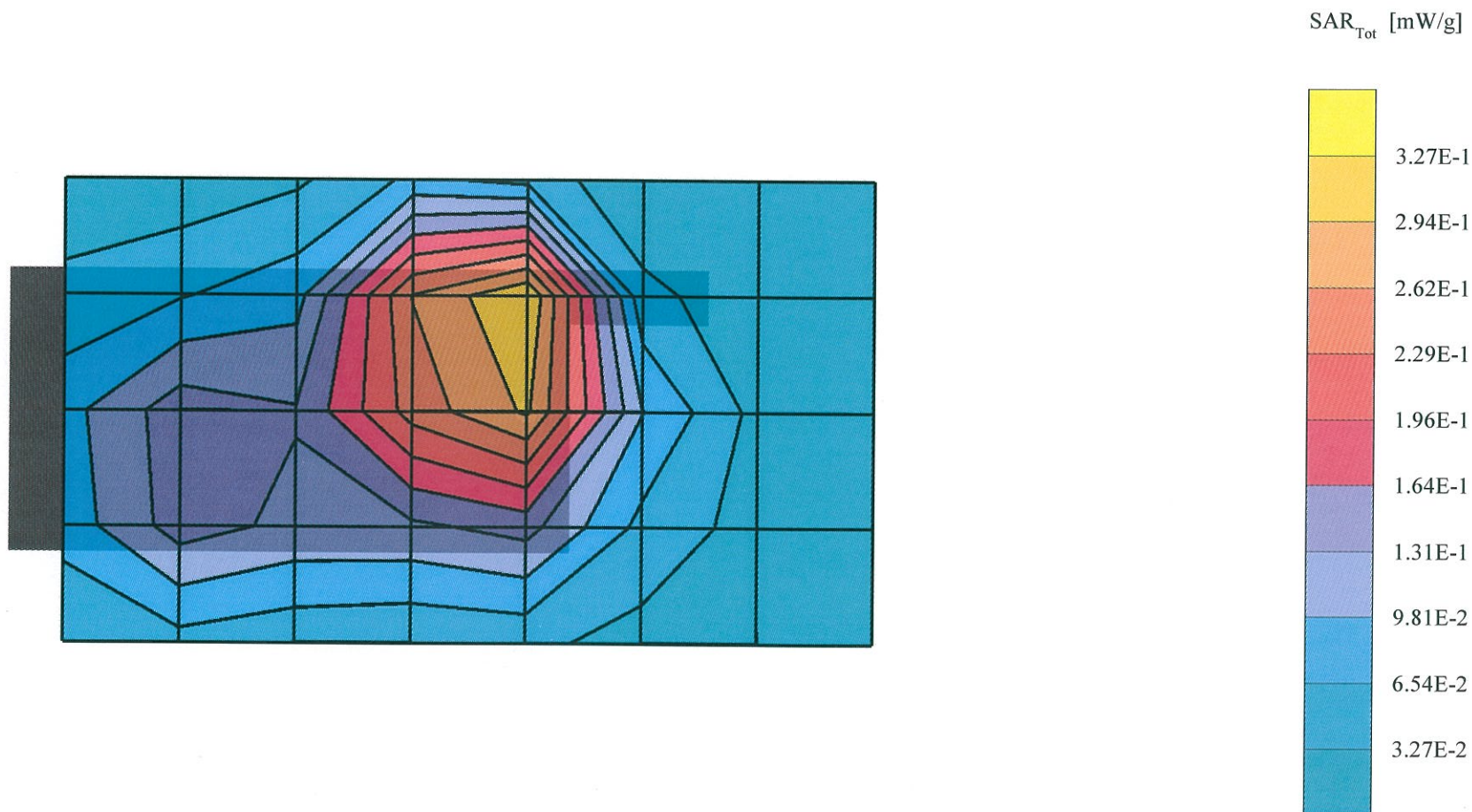
SAR (1g): 0.365 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418

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

Conducted Power=30dBm; Spacing=1.5cm flat phantom to phone, w/o Holster; Tissue Temp. (°C) -20.8

Test Date--02/02/2004[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Left Section; Probe: ET3DV6 - SN1551 -- ConvF(5.40,5.40,5.40)

Head 1900 MHz:  $\sigma = 1.39$  mho/m  $\epsilon_r = 39.7$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0

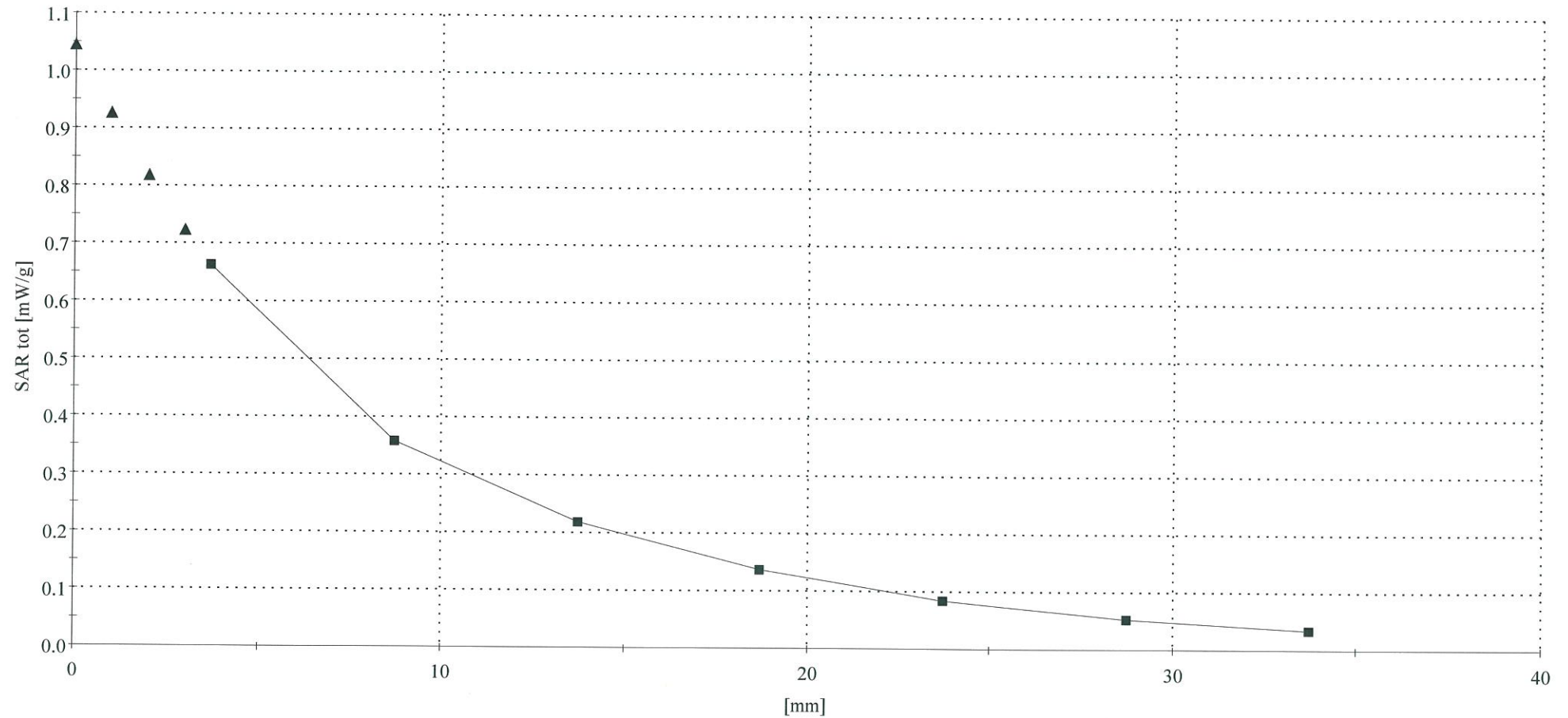
SAR (1g): 0.574 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.5

Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.3

Test Date--01/29/2004[FCC/OET Bulletin 65-Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHD410 -- 1900MHz PCS GSM Body SAR

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

Body 1900 MHz:  $\sigma = 1.53 \text{ mho/m}$   $\epsilon_r = 50.9$   $\rho = 1.00 \text{ g/cm}^3$ ; Antenna Position-Fixed; Slide-Down; Crest factor: 8.0

SAR (1g): 0.365 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-D418

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

Conducted Power=30dBm; Spacing=1.5cm flat phantom to phone, w/o Holster; Tissue Temp. (°C) -20.8

Test Date--02/02/2004[FCC/OET Bulletin 65-Supplement C, July 2001]

