

# SAMSUNG FCC ID: A3LSGHE105 -- 1900MHz.PCS GSM Head SAR

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

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 39.8$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

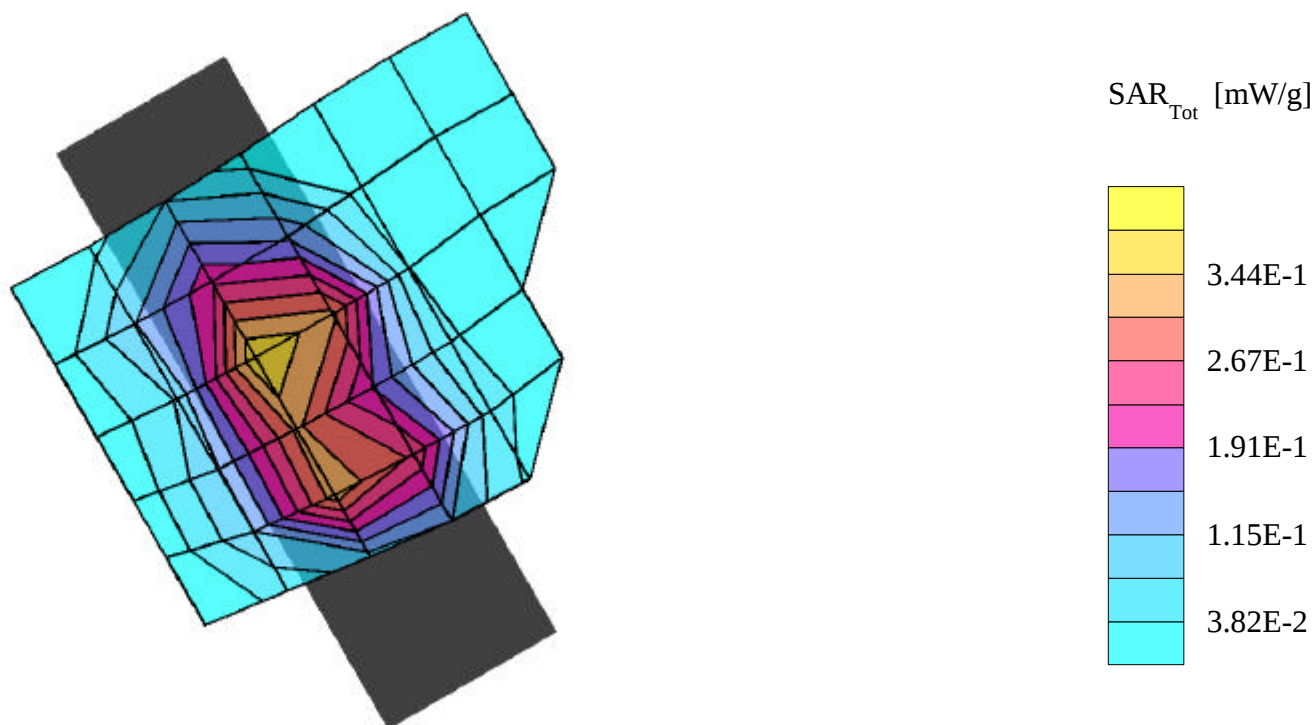
SAR (1g): 0.451 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-E105

GSM 1900 Mode, Ch.512 [1850.2MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.4

Test Date -- 05/09/2003 [FCC/OET Bulletin 65 - Supplement C, July 2001]



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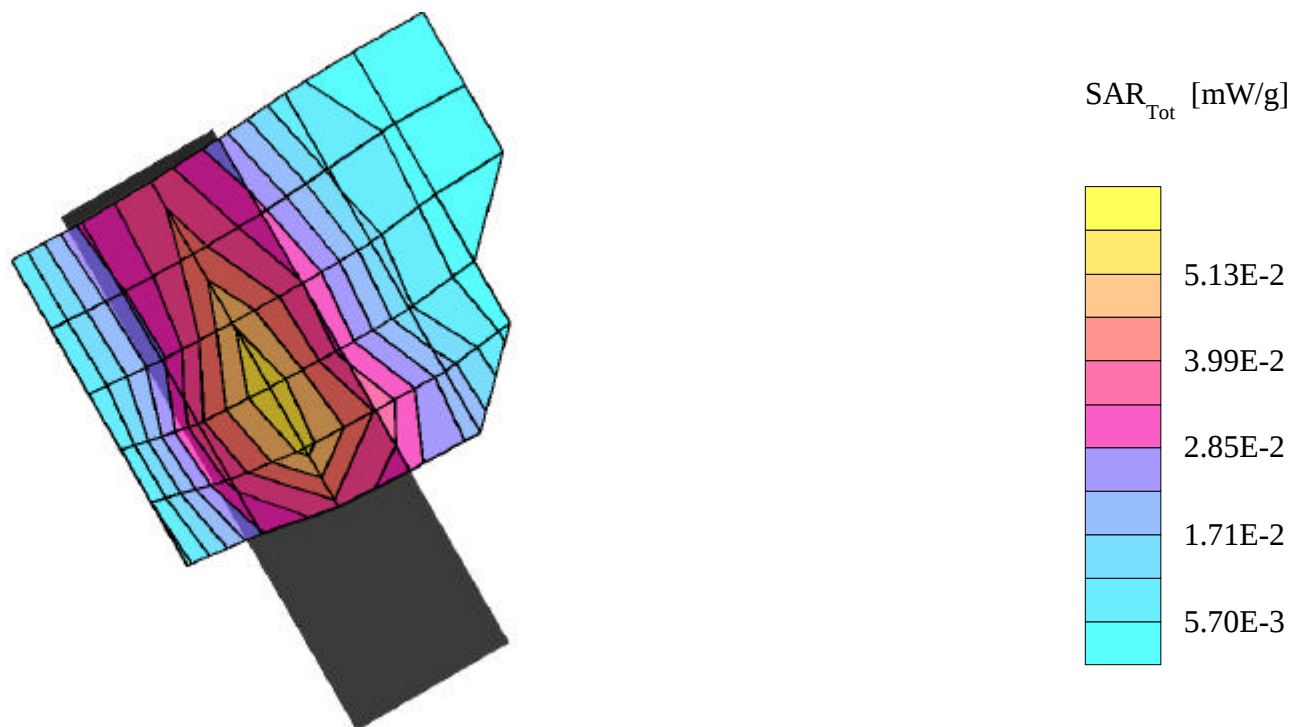
SAR (1g): 0.0543 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-E105

GSM 1900 Mode, Ch.512 [1850.2MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.4

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# SAMSUNG FCC ID: A3LSGHE105 -- 1900MHz.PCS GSM Head SAR

SAM Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1551; ConvF(5.30,5.30,5.30)

Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 39.8$   $\rho = 1.00$  g/cm<sup>3</sup> ; Antenna Position-Fixed; Crest Factor 8.0

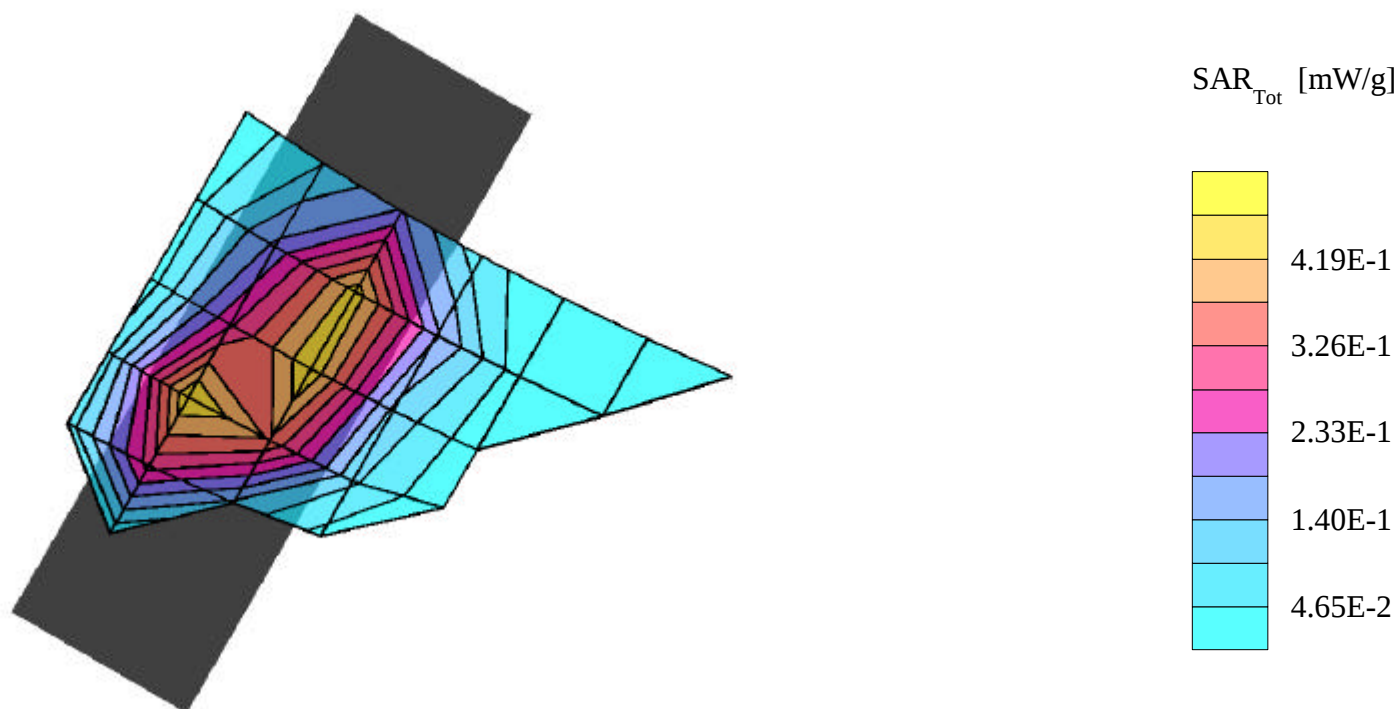
SAR (1g): 0.466 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-P100

GSM 1900 Mode, Ch.512 [1850.2MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.4

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Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 39.8$   $\rho = 1.00$  g/cm<sup>3</sup>; Antenna Position-Fixed; Crest Factor 8.0

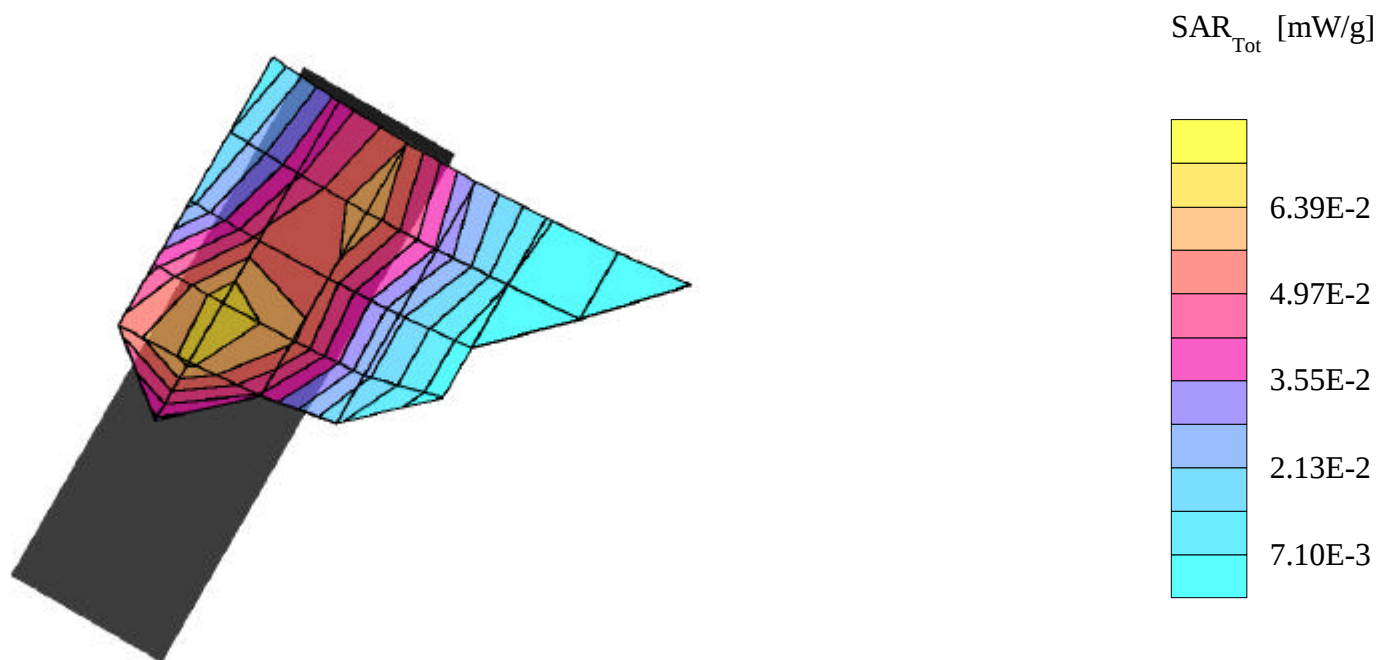
SAR (1g): 0.0668 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-P100

GSM 1900 Mode, Ch.512 [1850.2MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) - 21.4

Test Date -- 05/09/2003 [FCC/OET Bulletin 65 - Supplement C, July 2001]



# SAMSUNG FCC ID: A3LSGHE105 -- 1900MHz.PCS GSM Body SAR

SAM Phantom; Flat Section; Probe:ET3DV6 - SN1551; ConvF(4.90,4.90,4.90)

Body 1900 MHz:  $\sigma = 1.53$  mho/m  $\epsilon_r = 51.7$   $\rho = 1.00$  g/cm<sup>3</sup> ; Antenna Position-Fixed; Crest Factor 8.0

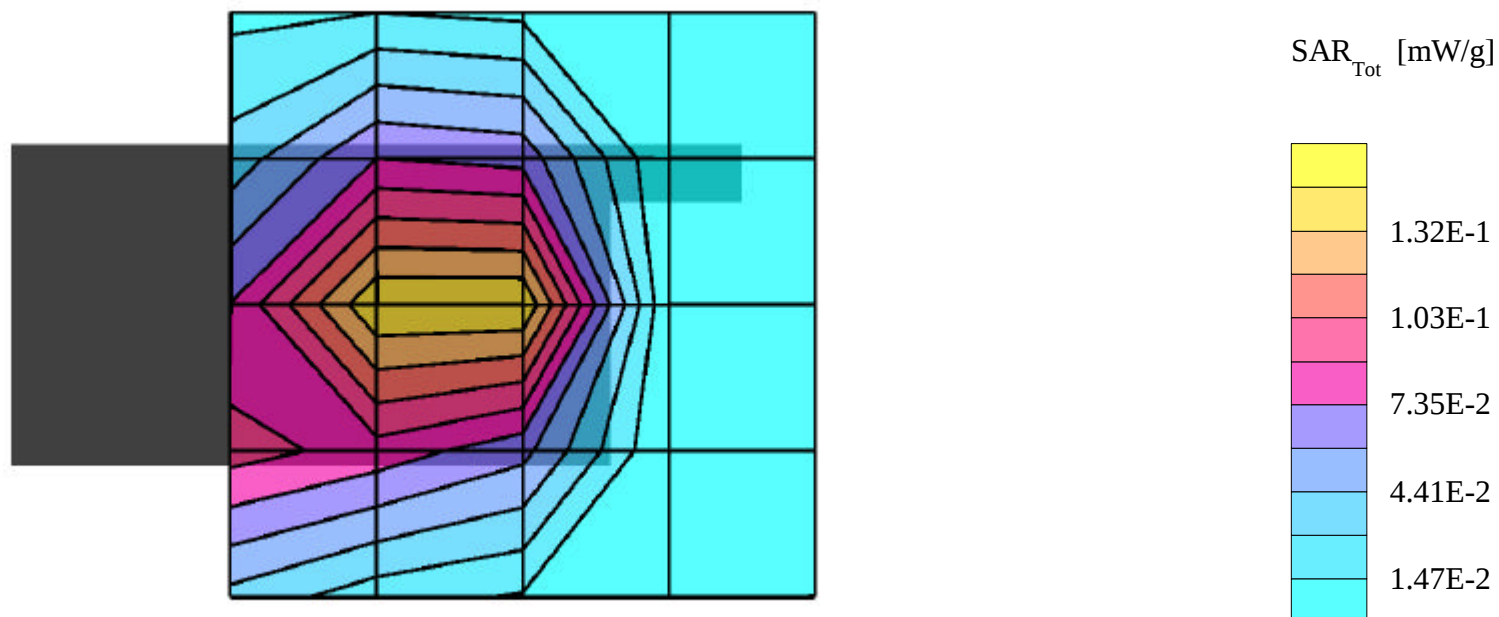
SAR (1g): 0.166 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-E105

GSM 1900 Mode, Ch.661 [1880.0MHz]; Standard Battery; Flip = close; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Spacing = 1.5cm. from flat phantom to phone, w/o beltclip or holster; Meas.Tissue Temp. (°C) - 21.6

Test Date -- 05/12/2003 [ FCC/OET Bulletin 65- Supplement C - July 2001 ]]



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Head 1900 MHz:  $\sigma = 1.38$  mho/m  $\epsilon_r = 39.8$   $\rho = 1.00$  g/cm<sup>3</sup> ; Antenna Position-Fixed; Crest Factor 8.0

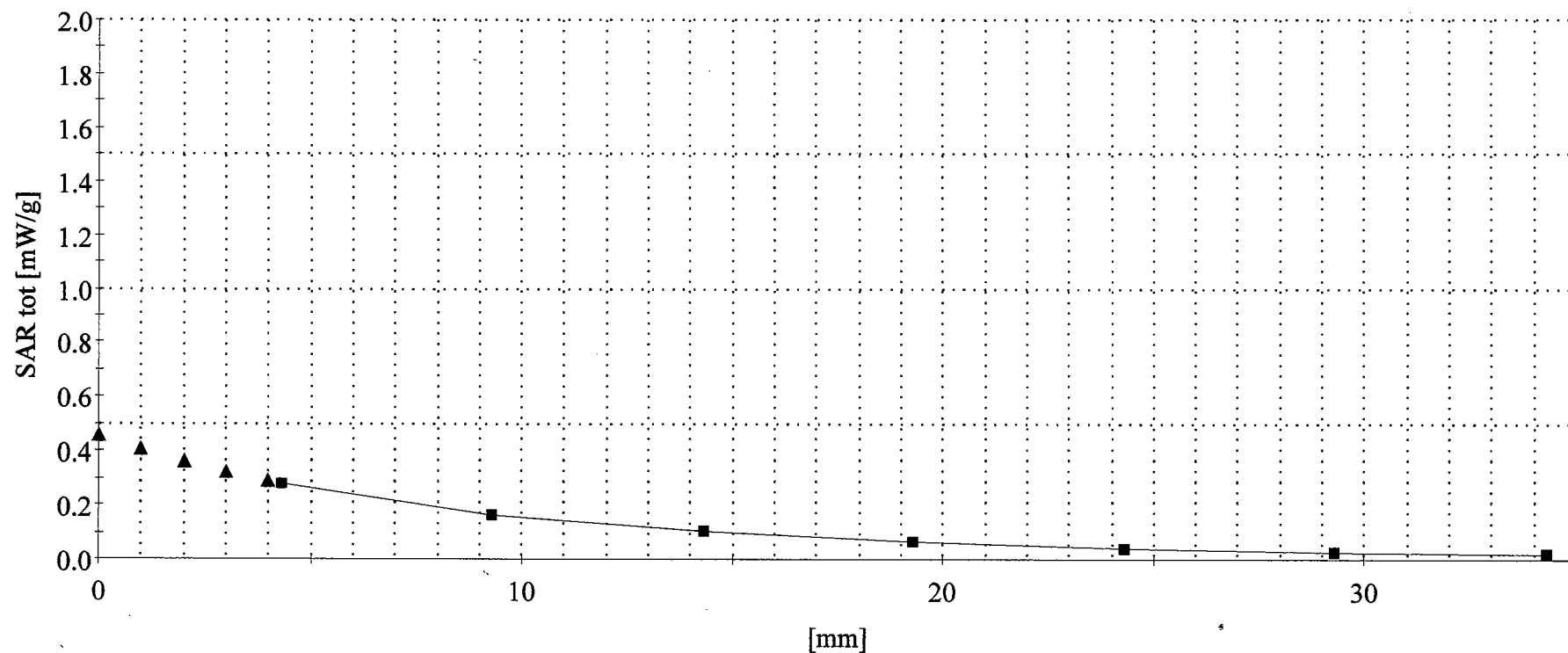
SAR (1g): 0.466 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-P100

GSM 1900 Mode, Ch.512 [1850.2MHz]; Standard Battery; Flip = open; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) - 21.4

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# SAMSUNG FCC ID: A3LSGHE105 -- 1900MHz.PCS GSM Body SAR

SAM Phantom; Flat Section; Probe:ET3DV6 - SN1551; ConvF(4.90,4.90,4.90)

Body 1900 MHz:  $\sigma = 1.53$  mho/m  $\epsilon_r = 51.7$   $\rho = 1.00$  g/cm<sup>3</sup> ; Antenna Position-Fixed; Crest Factor 8.0

SAR (1g): 0.166 mW/g

SAMSUNG Single-Band PCS Only Phone Model: SGH-E105

GSM 1900 Mode, Ch.661 [1880.0MHz]; Standard Battery; Flip = close; Ambient Temp. (°C) - 23.0

Conducted Power = 30.0dBm; Spacing = 1.5cm. from flat phantom to phone, w/o beltclip or holster; Meas.Tissue Temp. (°C) - 21.6

Test Date -- 05/12/2003 [ FCC/OET Bulletin 65- Supplement C - July 2001 ]]

