

SAMSUNG FCC ID: A3LSGHX450 -- 1900MHz PCS GSM Head SAR

SAM Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1617; ConvF(5.30,5.30,5.30)

Head 1900 MHz: $\sigma = 1.38$ mho/m $\epsilon_r = 38.6$ $\rho = 1.00$ g/cm³; Antenna Position-Fixed; Crest Factor 8.0

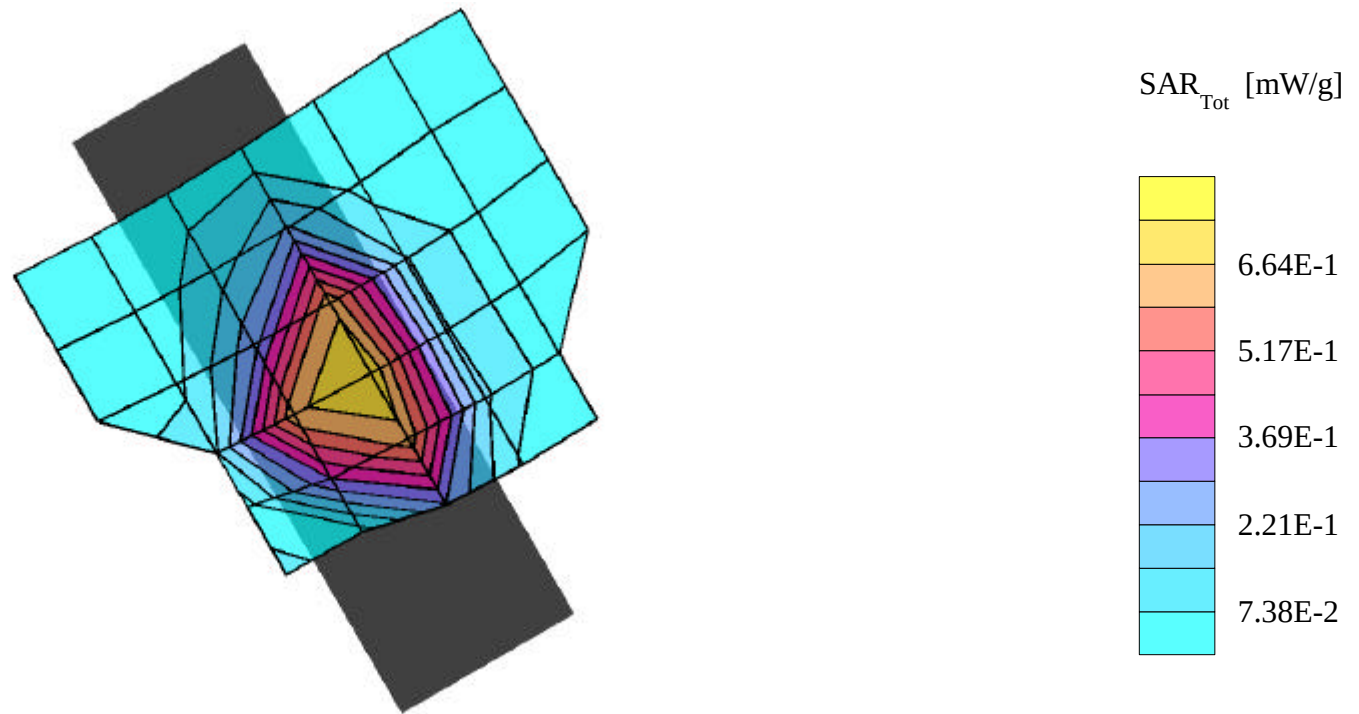
SAR (1g): 0.733 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.9

Conducted Power=30dBm; Right Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. °(C) -21.5

Test Date--12/19/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



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SAM Phantom; Right Cheek(CRP) Section; Probe:ET3DV6 - SN1617; ConvF(5.30,5.30,5.30)

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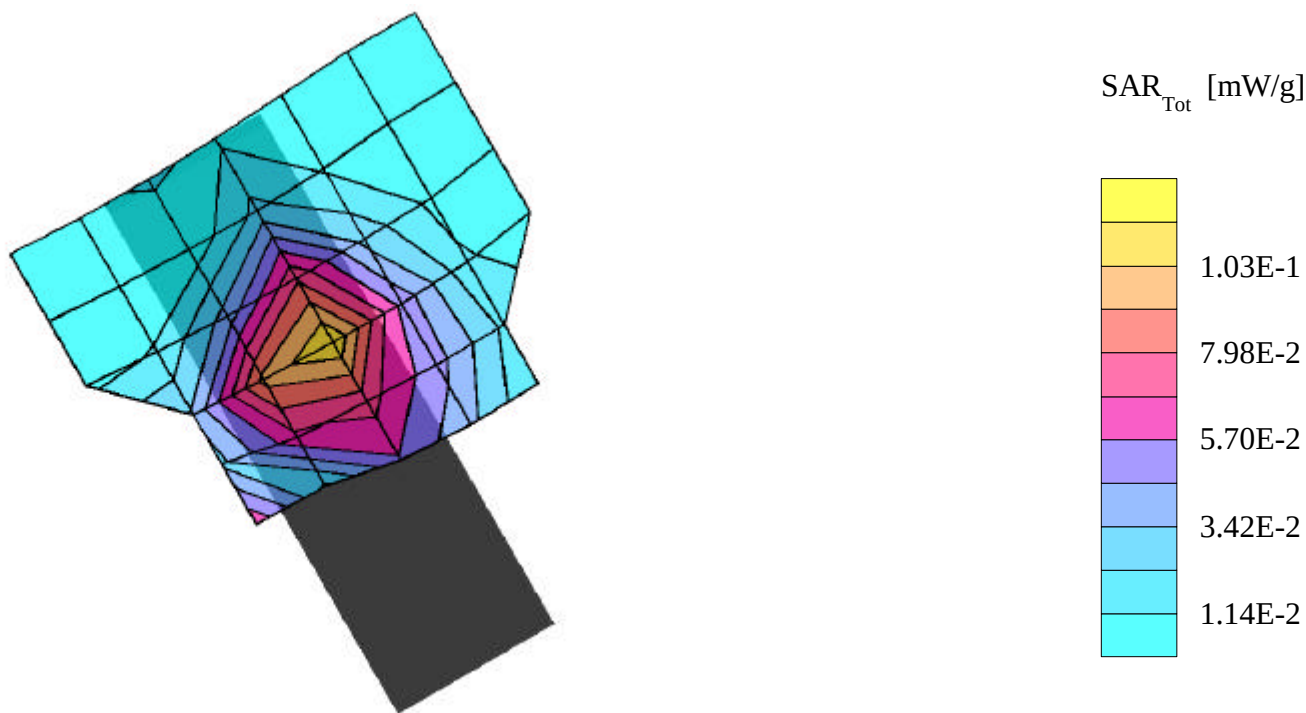
SAR (1g): 0.107 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 512[1850.2MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.9

Conducted Power=30dBm; Right Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.5

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SAM Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1617; ConvF(5.30,5.30,5.30)

Head 1900 MHz: $\sigma = 1.38$ mho/m $\epsilon_r = 38.6$ $\rho = 1.00$ g/cm³; Antenna Position-Fixed; Crest Factor 8.0

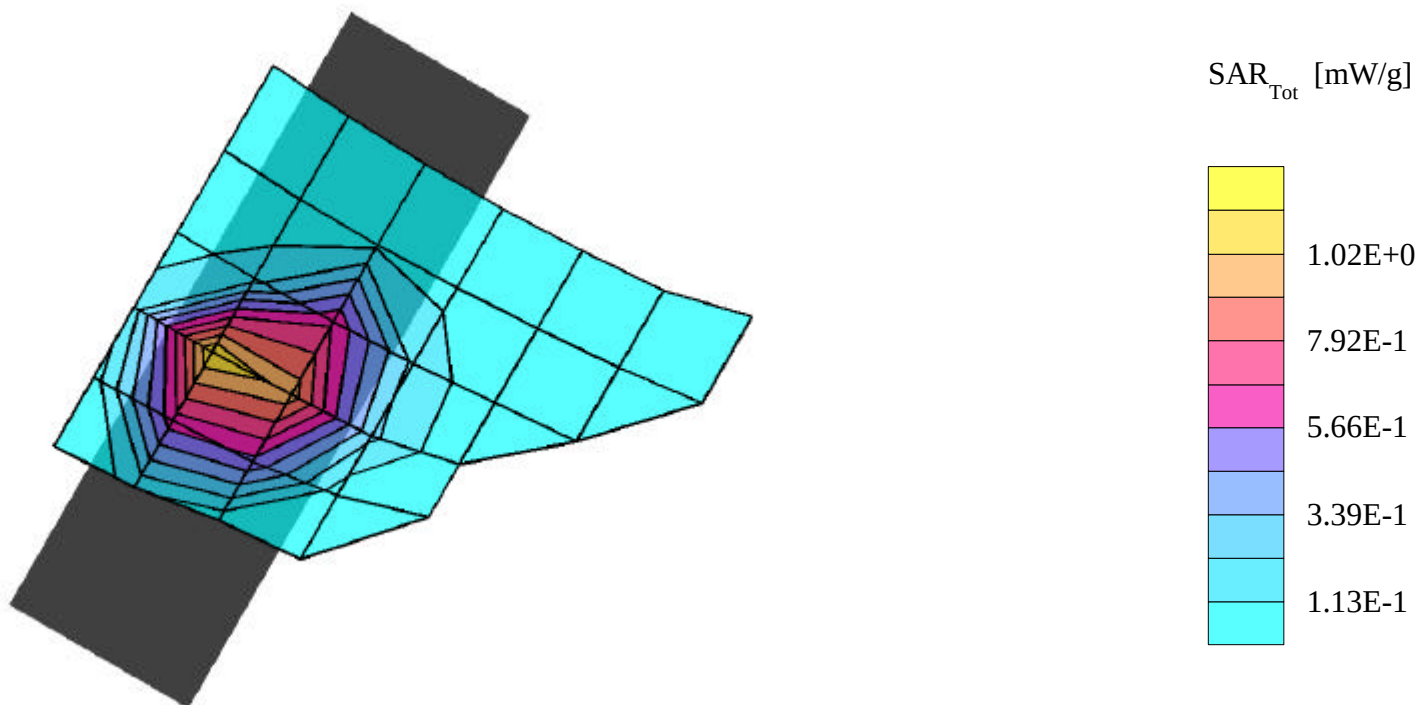
SAR (1g): 1.19 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.9

Conducted Power=30dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/19/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



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SAM Phantom; Left Cheek(CRP) Section; Probe:ET3DV6 - SN1617; ConvF(5.30,5.30,5.30)

Head 1900 MHz: $\sigma = 1.38$ mho/m $\epsilon_r = 38.6$ $\rho = 1.00$ g/cm³; Antenna Position-Fixed; Crest Factor 8.0

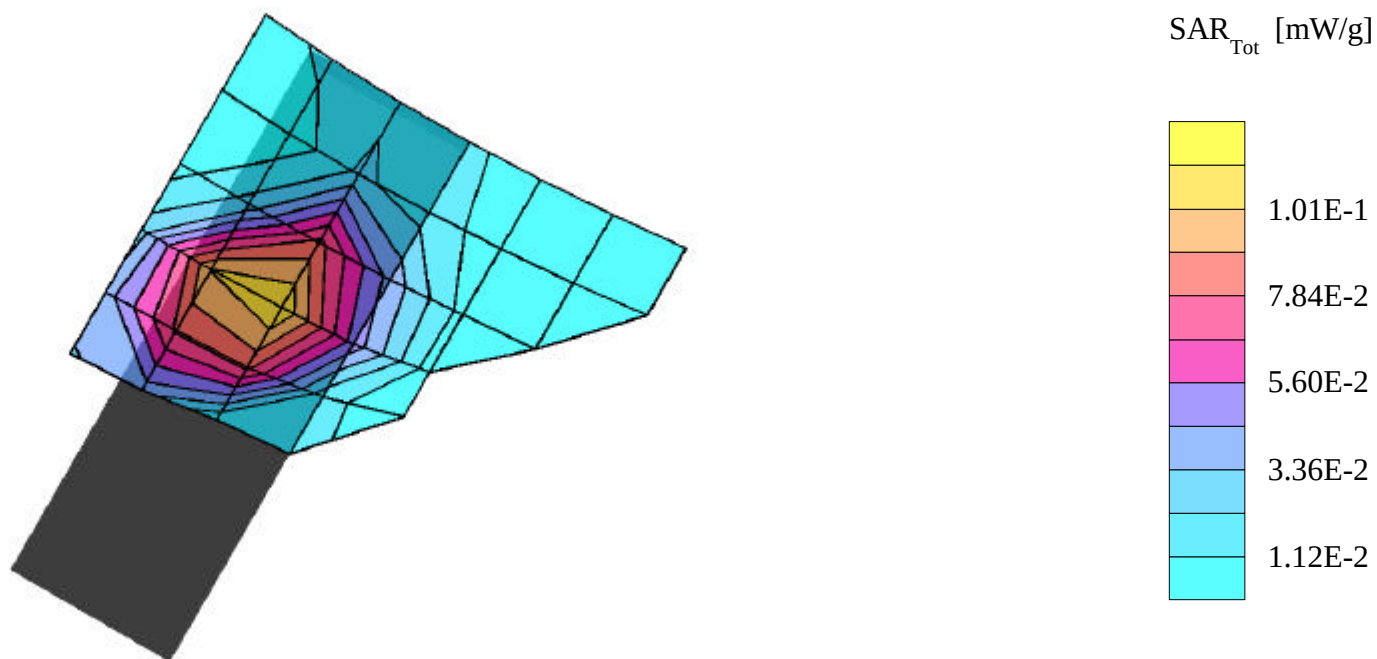
SAR (1g): 0.110 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 810[1909.8MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.9

Conducted Power=30dBm; Left Head Phantom, Ear/Tilt 15 deg Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/19/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX450 -- 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 $\epsilon_r = 51.3$ $\rho = 1.00$ g/cm³; Antenna Position-Fixed; Crest Factor 8.0

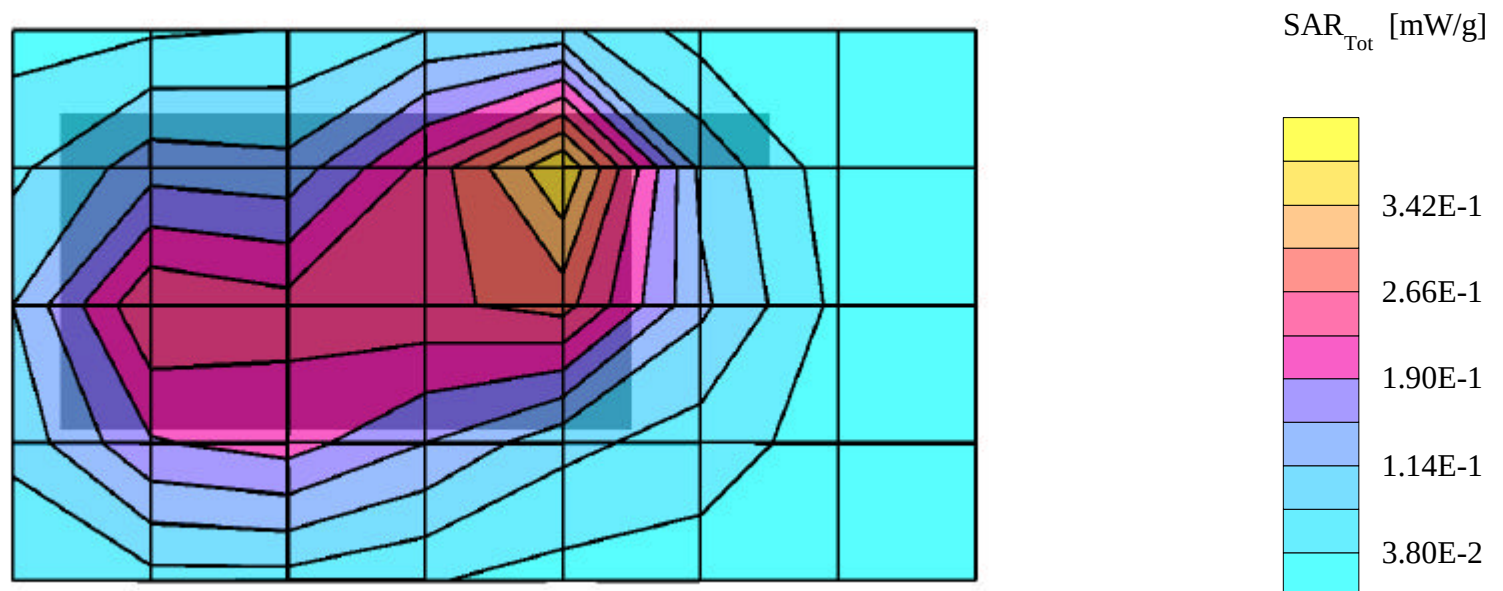
SAR (1g): 0.361 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Ambient Temp. (°C) -22.6

Conducted Power=30dBm;Spacing=1.5cm flat phantom to phone, w/o Leather; Tissue Temp. °(C) -21.1

Test Date--12/22/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



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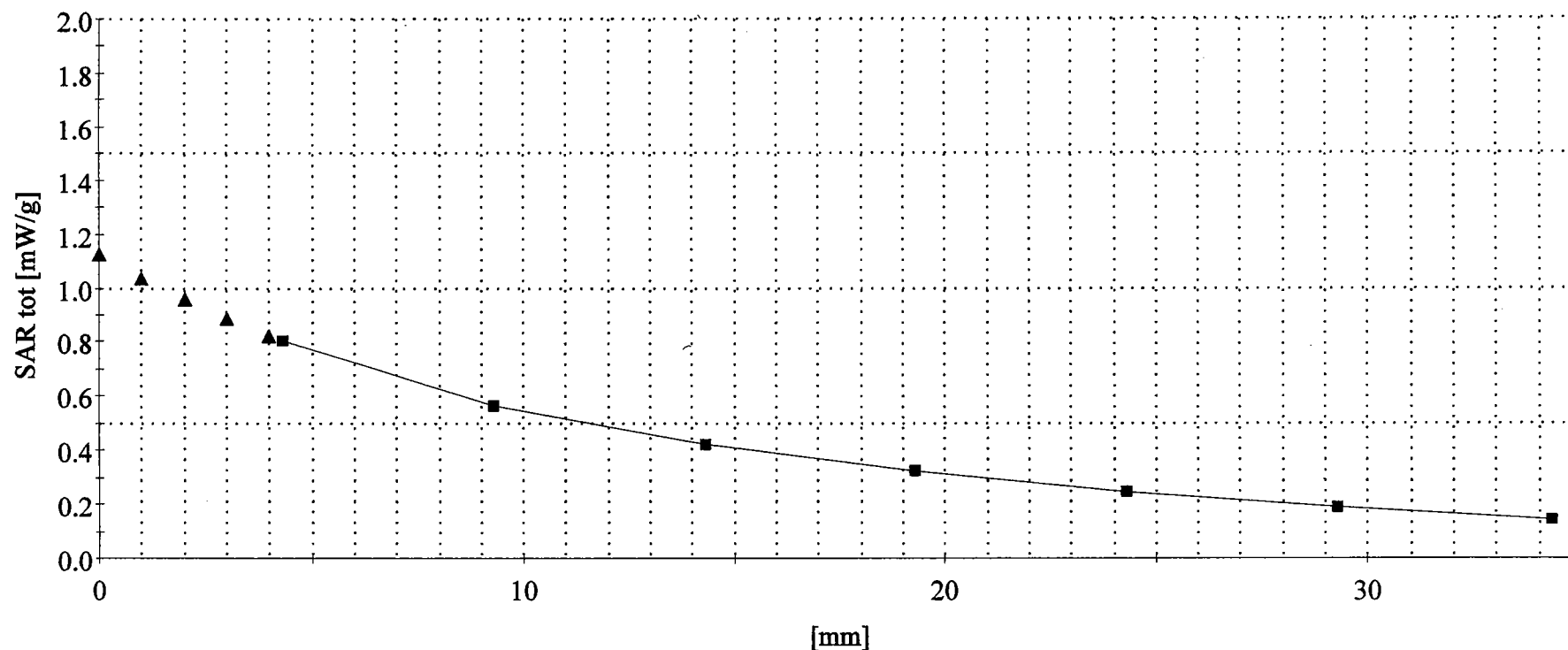
SAR (1g): 1.19 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Meas. Ambient Temp. (°C) -22.9

Conducted Power=30dBm; Left Head Phantom, Cheek/Touch Position; Meas. Tissue Temp. (°C) -21.5

Test Date--12/19/2003[FCC/OET Bulletin 65-Supplement C, July 2001]



SAMSUNG FCC ID: A3LSGHX450 -- 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 $\epsilon_r = 51.3$ $\rho = 1.00$ g/cm³; Antenna Position-Fixed; Crest Factor 8.0

SAR (1g): 0.361 mW/g

SAMSUNG Single - Band PCS Only Phone Model: SGH-X450

GSM1900 Mode, Ch 661[1880MHz]; Standard Battery; Ambient Temp. (°C) -22.6

Conducted Power=30dBm;Spacing=1.5cm flat phantom to phone, w/o Leather; Tissue Temp. °(C) -21.1

Test Date--12/22/2003[FCC/OET Bulletin 65-Supplement C, July 2001]

