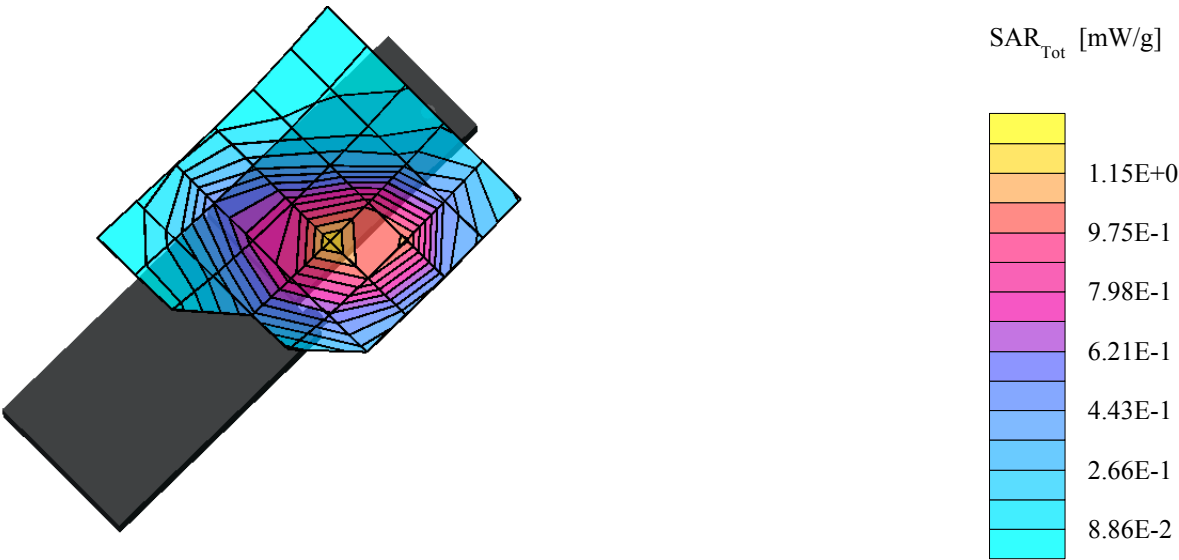


800MHz Cellular CDMA SAR Test Plots – Left Ear

Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.05 dB
SAR (1g): 1.18 mW/g, SAR (10g): 0.762 mW/g

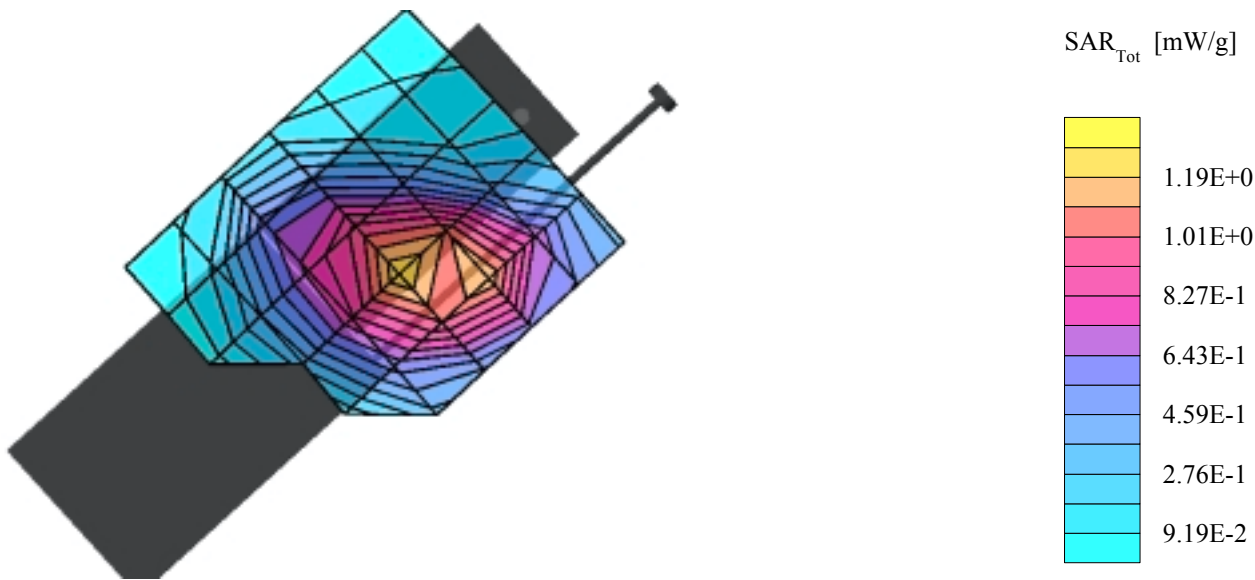
Head SAR - Left Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Extended Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.54 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.11 dB
SAR (1g): 1.23 mW/g, SAR (10g): 0.820 mW/g

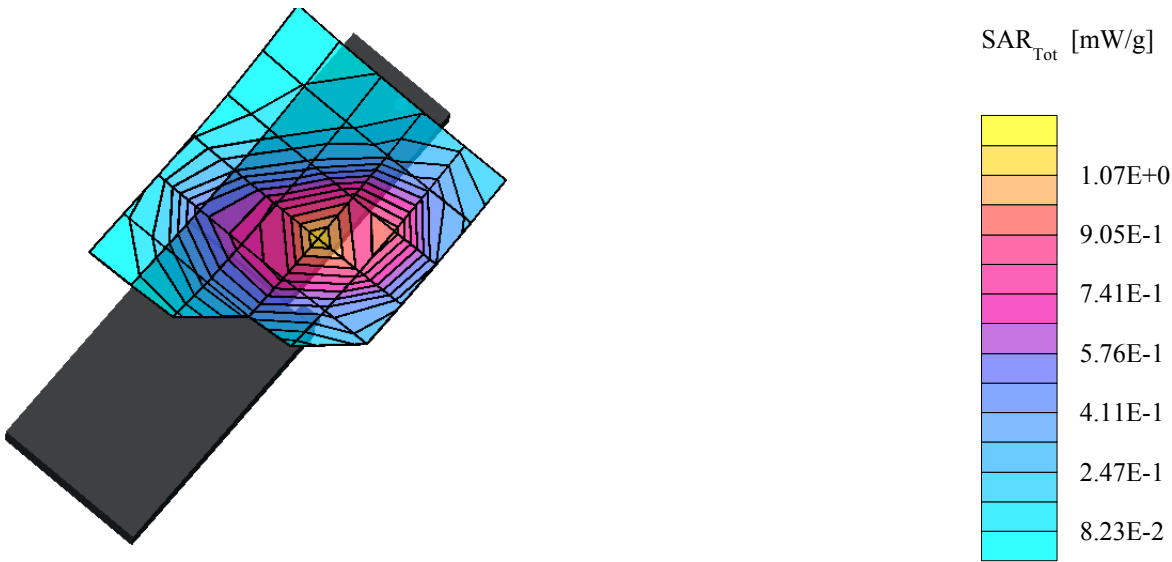
Head SAR - Left Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Extended Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.51 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.16 dB
SAR (1g): 1.13 mW/g, SAR (10g): 0.730 mW/g

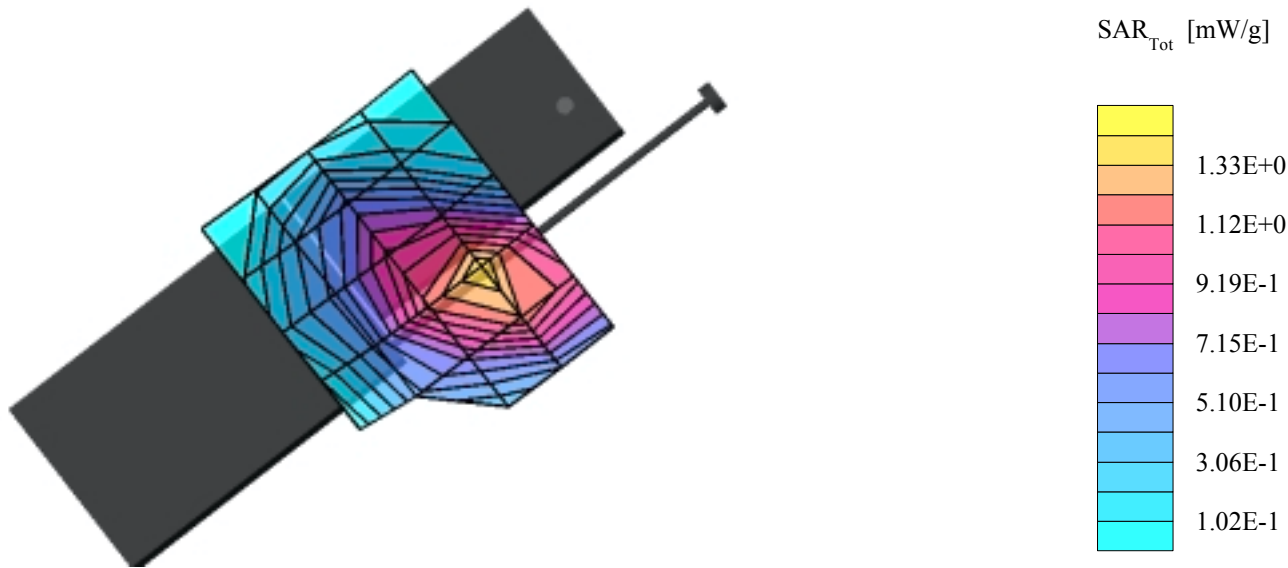
Head SAR - Left Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.51 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (75°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.11 dB
SAR (1g): 1.40 mW/g, SAR (10g): 0.911 mW/g

Head SAR - Left Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.56 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section

Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0;
835 MHz Brain: $\sigma = 0.91$ mho/m $\epsilon_r = 41.2$ $\rho = 1.00$ g/cm³

Z-Axis Extrapolation at Peak SAR Location

Head SAR - Left Cheek/Touch Position

Antenna Out

Model: WPE-2100

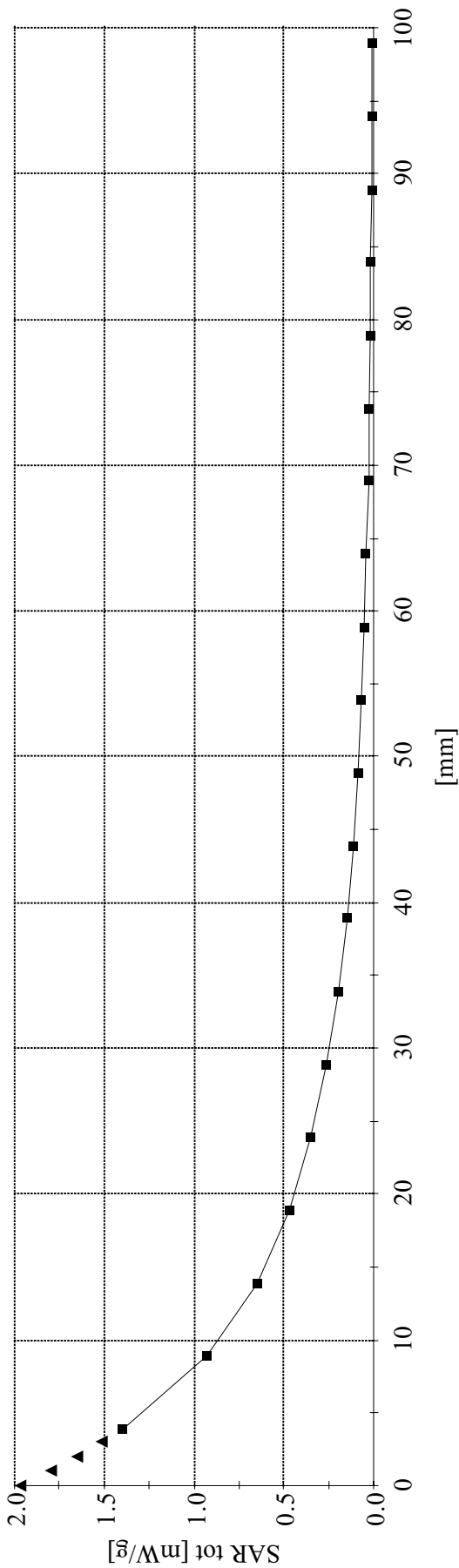
CDMA Mode

Standard Battery

Channel 363 [835.89 MHz]

Conducted Power: 24.56 dBm

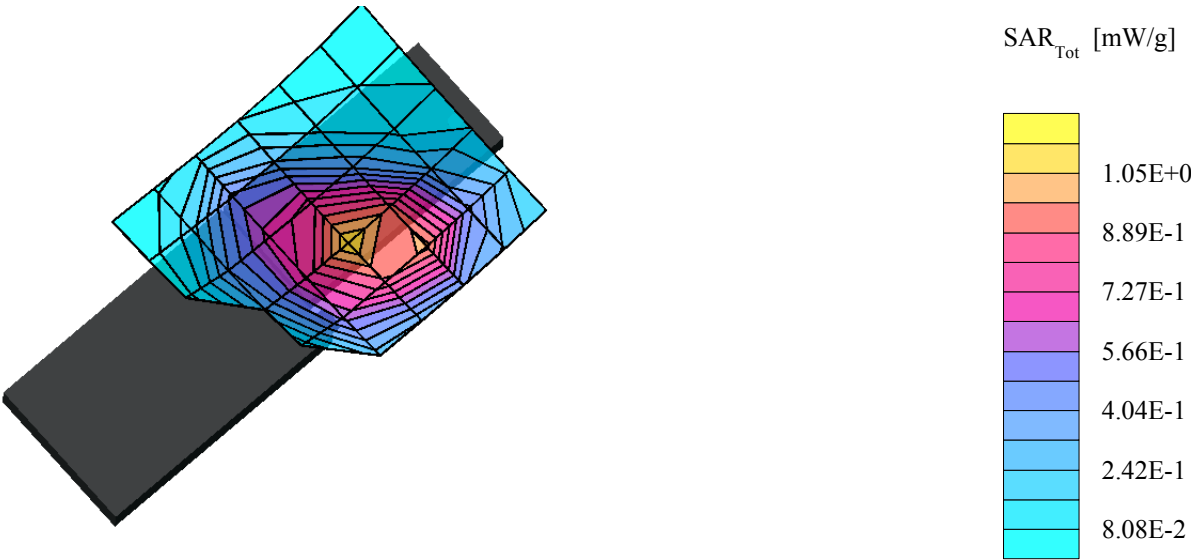
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.14 dB
SAR (1g): 1.11 mW/g, SAR (10g): 0.719 mW/g

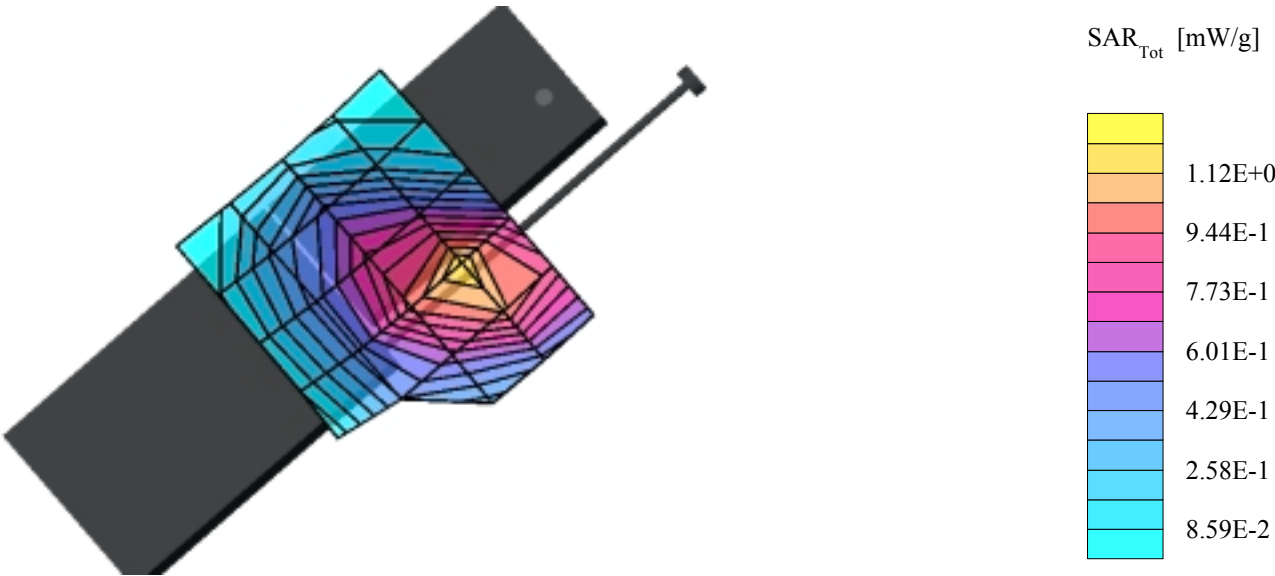
Head SAR - Left Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 1013 [824.70 MHz]
Conducted Power: 24.55 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.00 dB
SAR (1g): 1.13 mW/g, SAR (10g): 0.737 mW/g

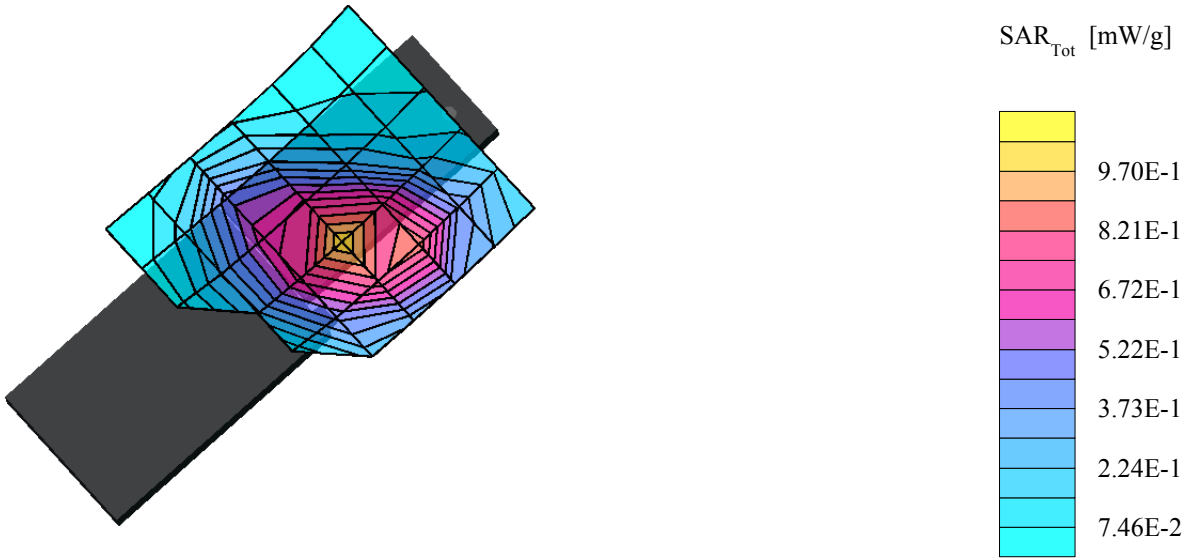
Head SAR - Left Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 1013 [824.70 MHz]
Conducted Power: 24.53 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.15 dB
SAR (1g): 0.995 mW/g, SAR (10g): 0.646 mW/g

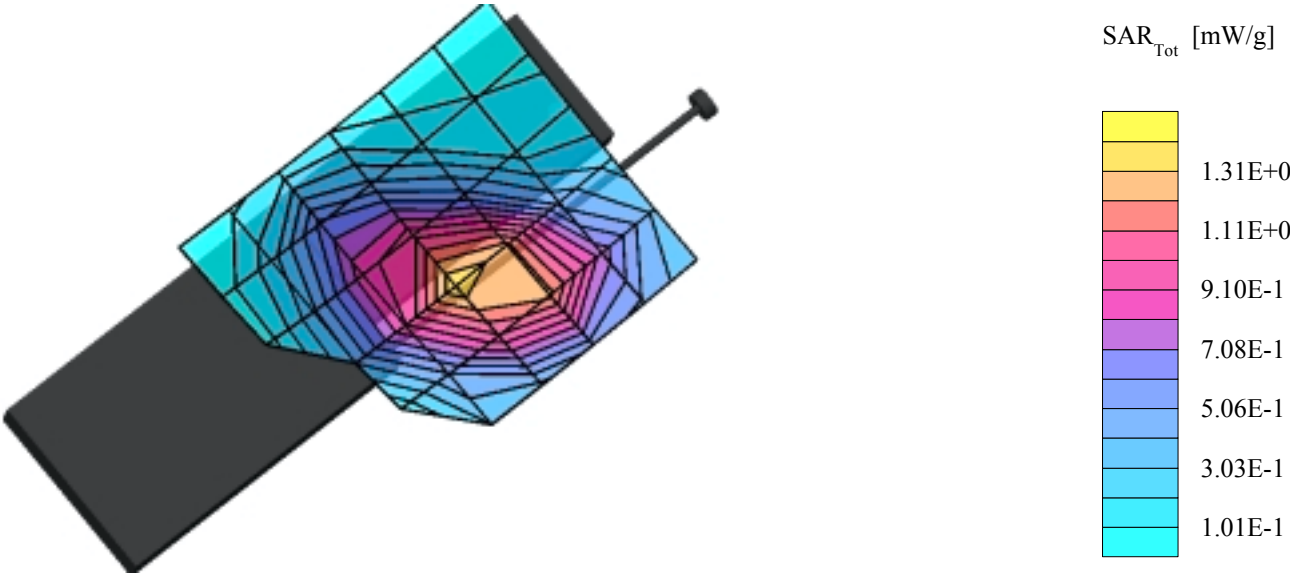
Head SAR - Left Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 777 [848.31 MHz]
Conducted Power: 24.54 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 1.34 mW/g, SAR (10g): 0.869 mW/g

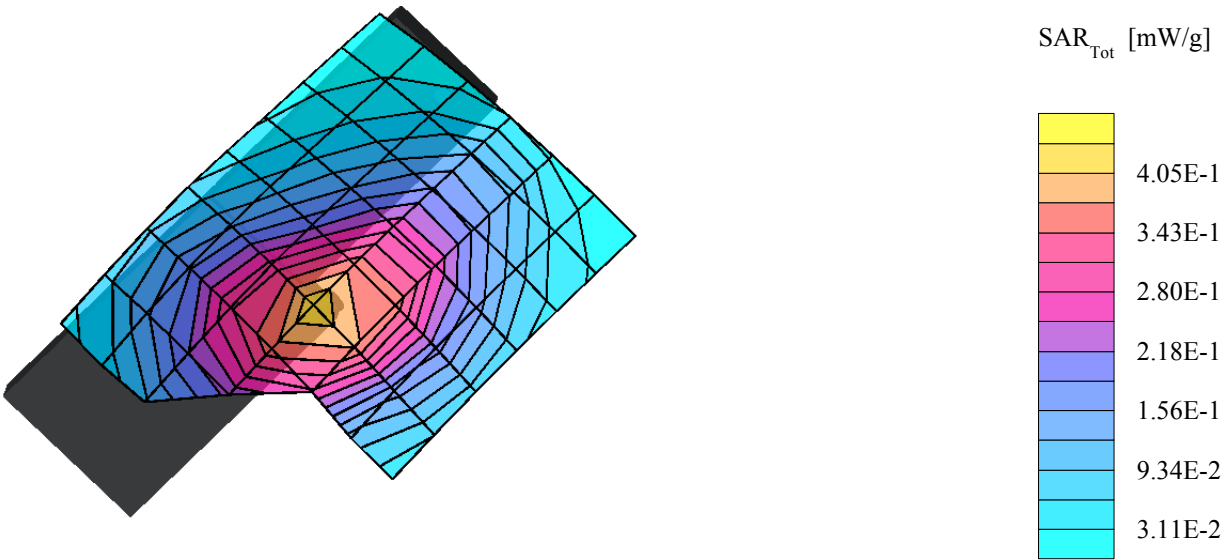
Head SAR - Left Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 777 [848.31 MHz]
Conducted Power: 24.56 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (90°,65°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.12 dB
SAR (1g): 0.402 mW/g, SAR (10g): 0.281 mW/g

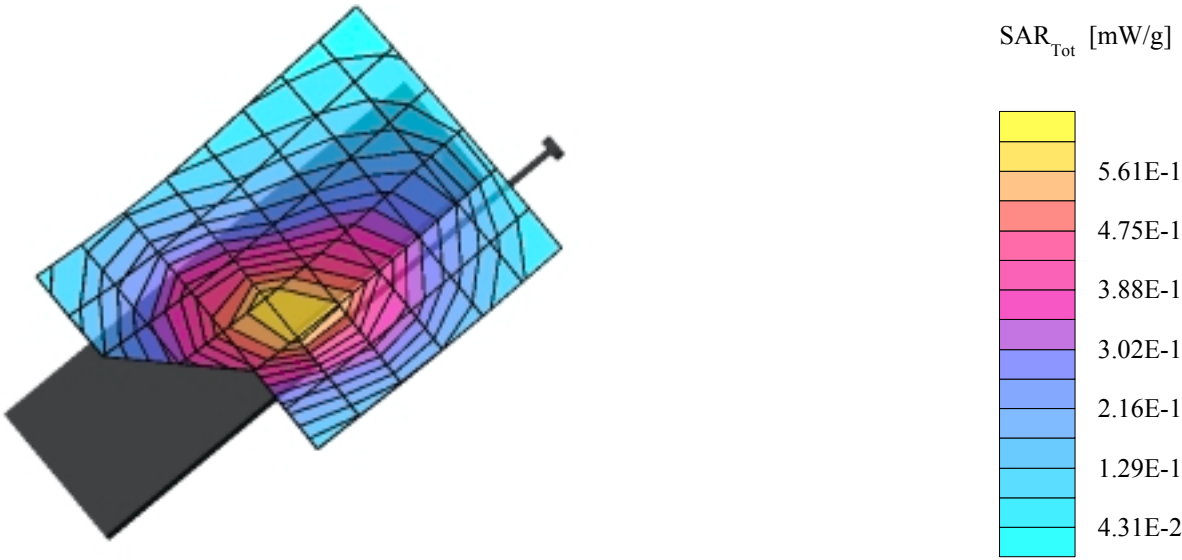
Head SAR - Left Ear/Tilt Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.53 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Left Section; Position: (85°,65°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.03 dB
SAR (1g): 0.569 mW/g, SAR (10g): 0.401 mW/g

Head SAR - Left Ear/Tilt Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.54 dBm
Date Tested: January 31, 2002

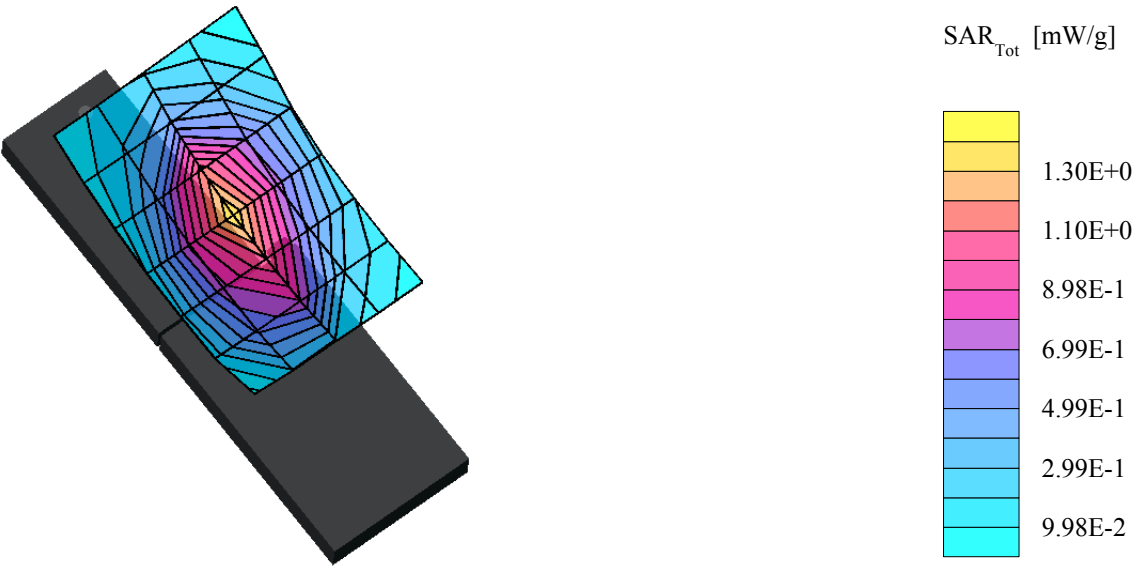


800MHz Cellular CDMA SAR Test Plots – Right Ear

Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.08 dB
SAR (1g): 1.28 mW/g, SAR (10g): 0.803 mW/g

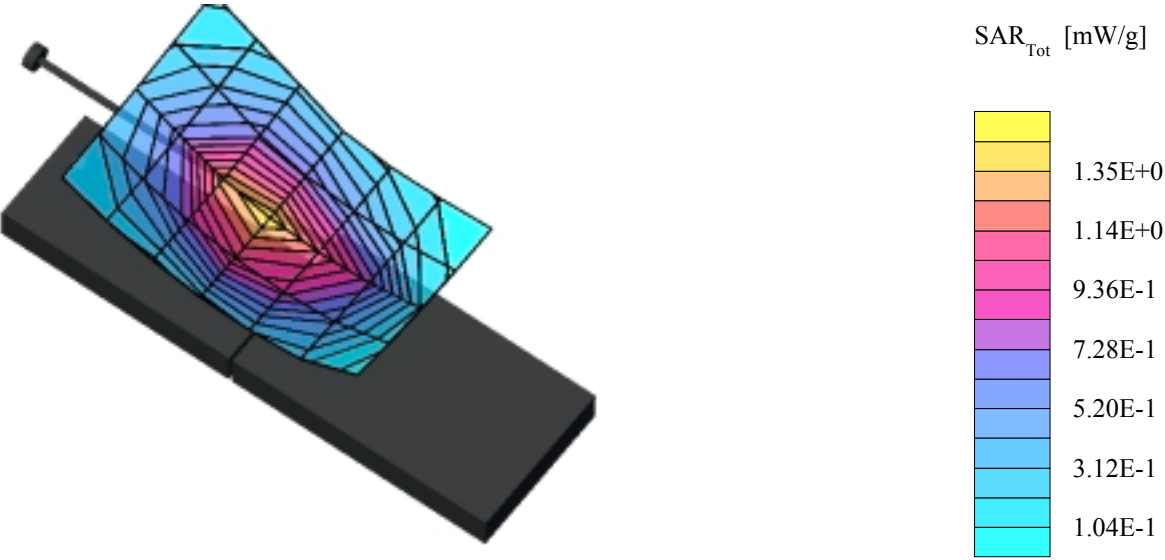
Head SAR - Right Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Extended Battery
Channel 363 [835.89]
Conducted Power: 24.53 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.07 dB
SAR (1g): 1.35 mW/g, SAR (10g): 0.878 mW/g

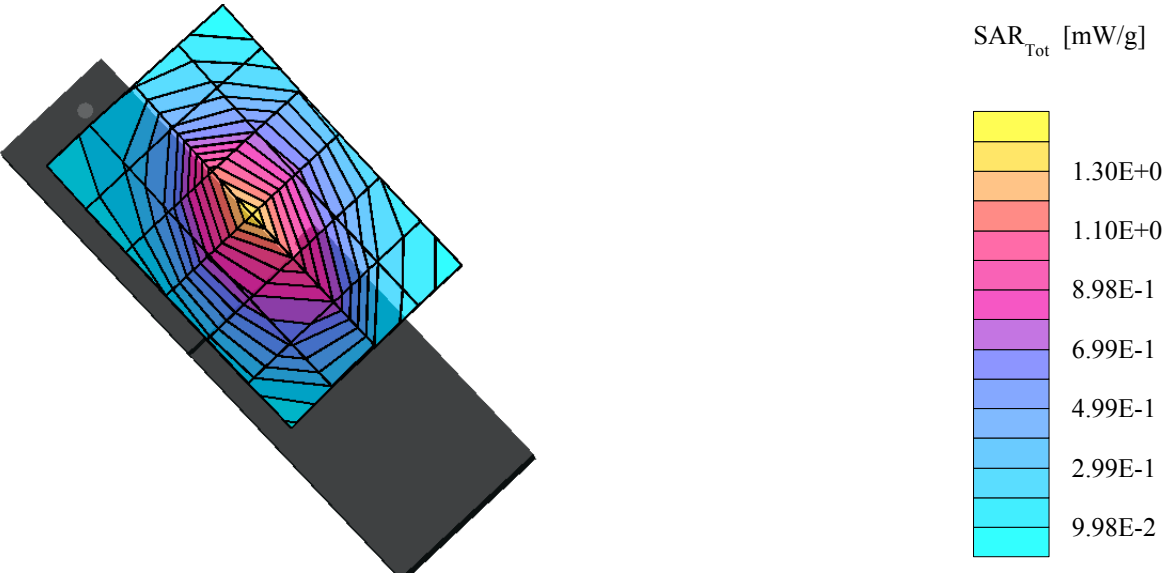
Head SAR - Right Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Extended Battery
Channel 363 [835.89]
Conducted Power: 24.52 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.04 dB
SAR (1g): 1.32 mW/g, SAR (10g): 0.830 mW/g

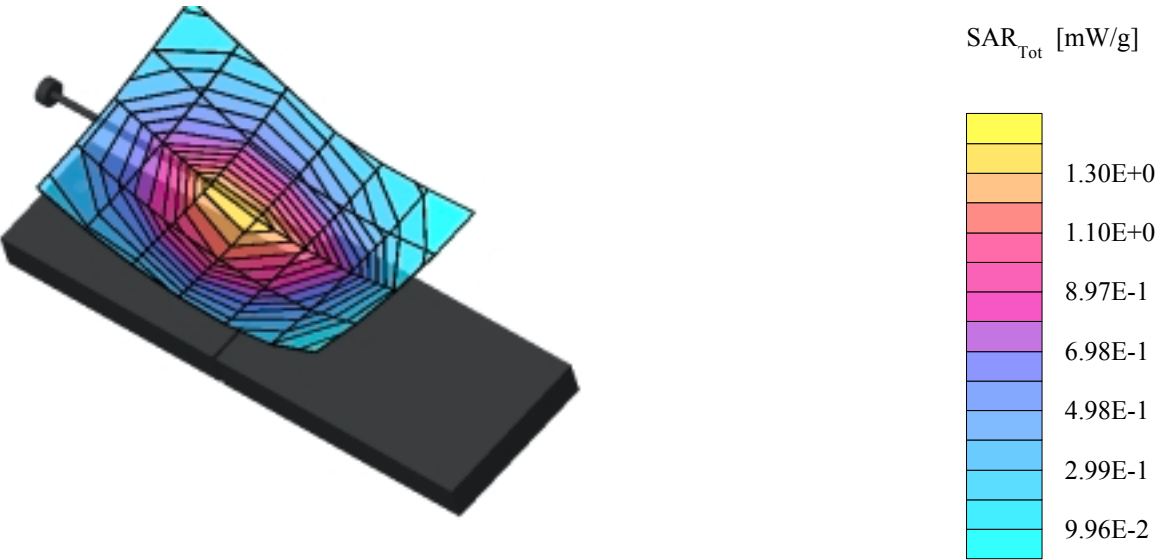
Head SAR - Right Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89]
Conducted Power: 24.51 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.01 dB
SAR (1g): 1.37 mW/g, SAR (10g): 0.880 mW/g

Head SAR - Right Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89]
Conducted Power: 24.51 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100
SAM Phantom; Right Section
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0;
835 MHz Brain: $\sigma = 0.91$ mho/m $\epsilon_r = 41.2$ $\rho = 1.00$ g/cm³

Z-Axis Extrapolation at Peak SAR Location

Head SAR - Right Cheek/Touch Position
Antenna Out

Model: WPE-2100

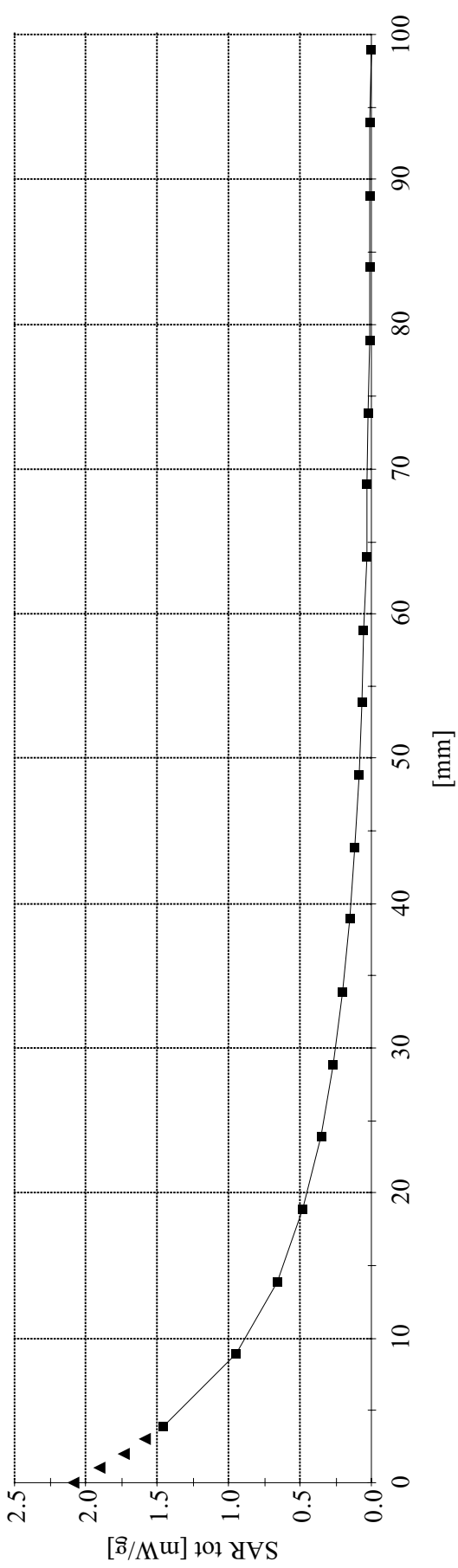
CDMA Mode

Standard Battery

Channel 363 [835.89]

Conducted Power: 24.51 dBm

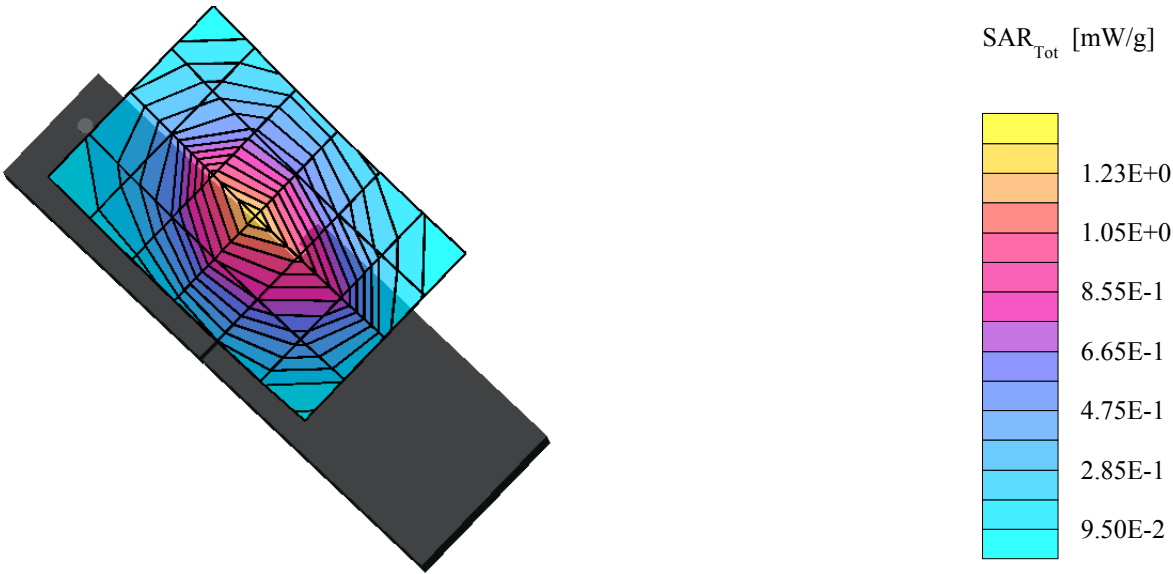
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.17 dB
SAR (1g): 1.14 mW/g, SAR (10g): 0.722 mW/g

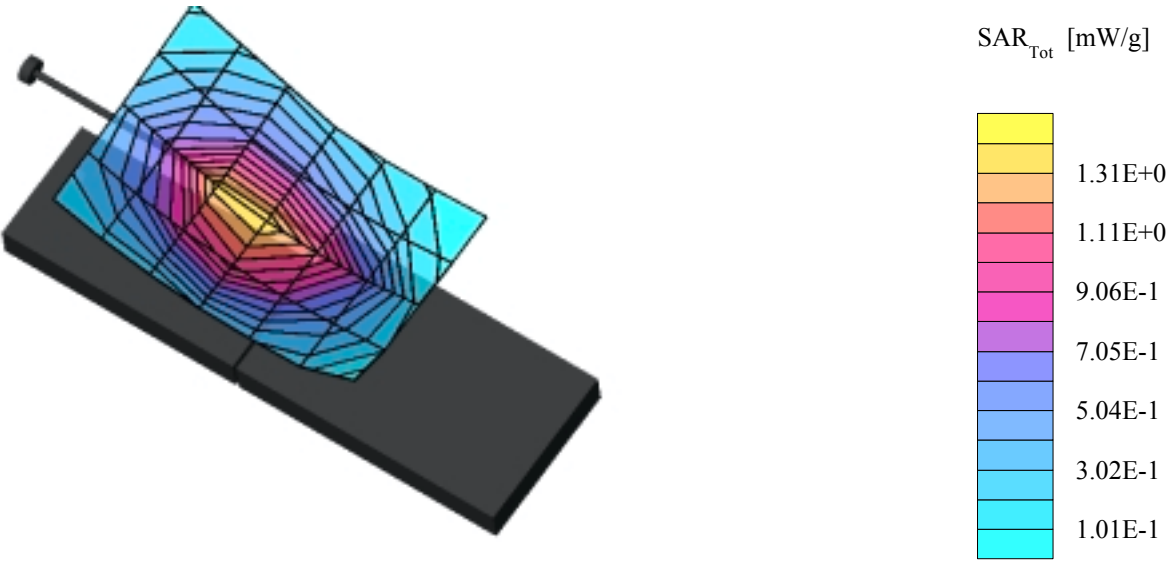
Head SAR - Right Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 1013 [824.70]
Conducted Power: 24.52 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.14 dB
SAR (1g): 1.27 mW/g, SAR (10g): 0.807 mW/g

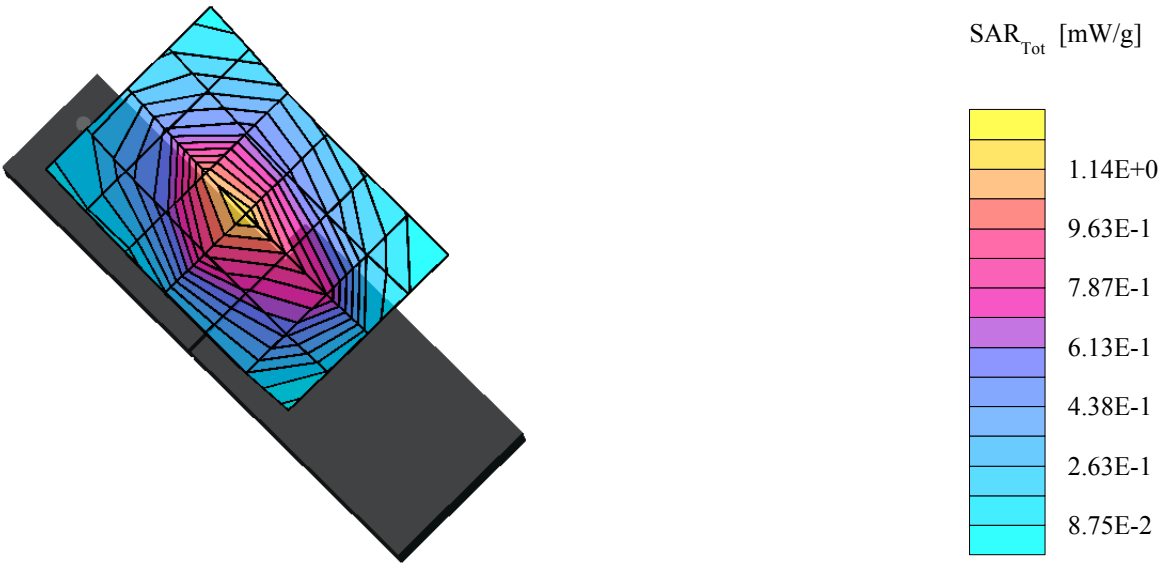
Head SAR - Right Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 1013 [824.70]
Conducted Power: 24.51 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.10 dB
SAR (1g): 1.08 mW/g, SAR (10g): 0.671 mW/g

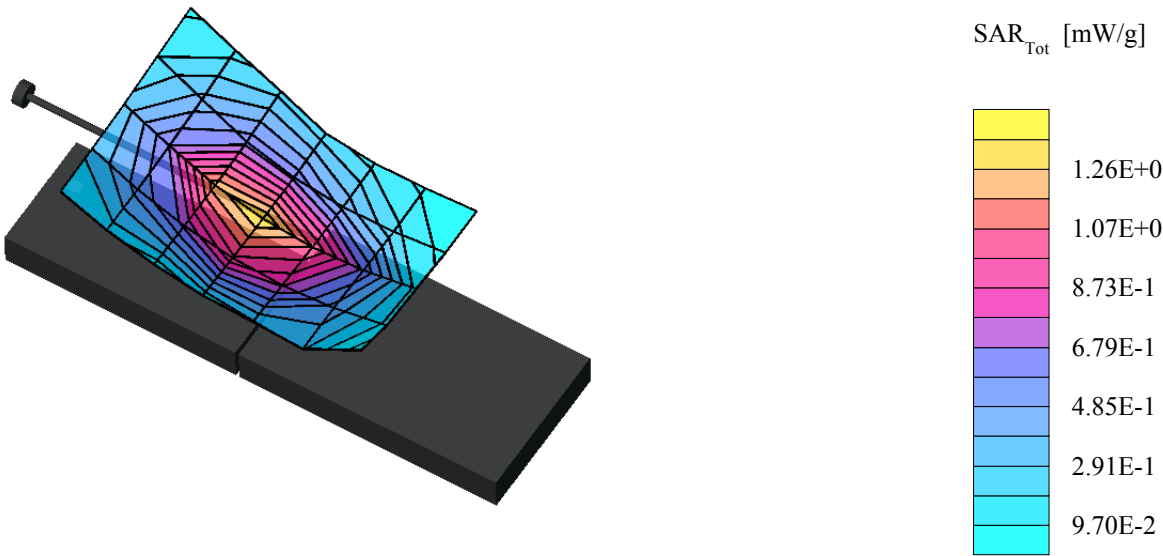
Head SAR - Right Cheek/Touch Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 777 [848.31]
Conducted Power: 24.52 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.15 dB
SAR (1g): 1.26 mW/g, SAR (10g): 0.806 mW/g

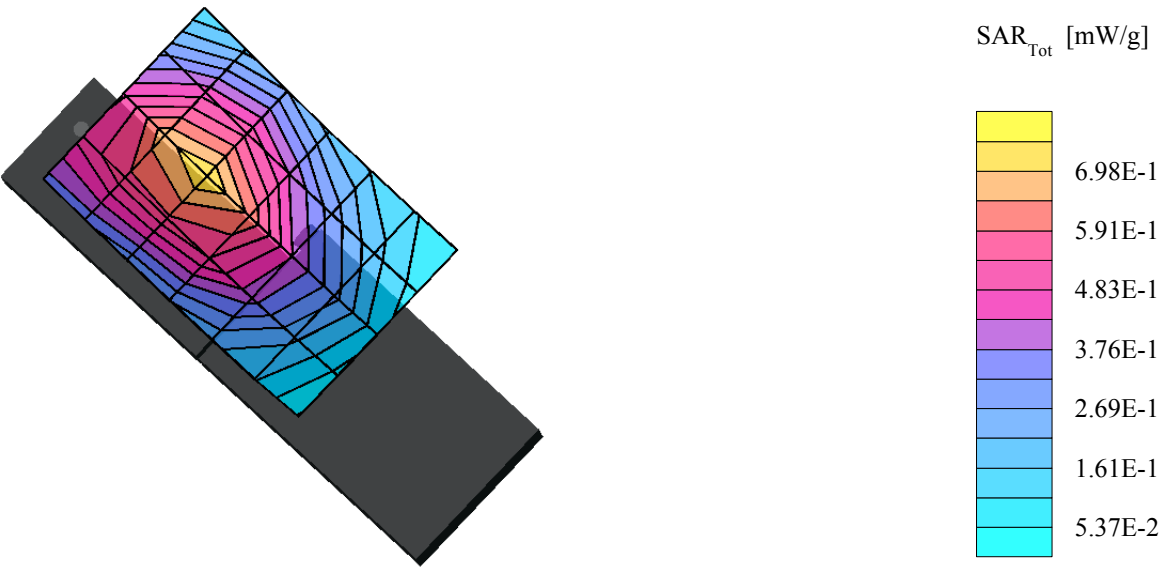
Head SAR - Right Cheek/Touch Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 777 [848.31]
Conducted Power: 24.57 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (90°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.05 dB
SAR (1g): 0.674 mW/g, SAR (10g): 0.479 mW/g

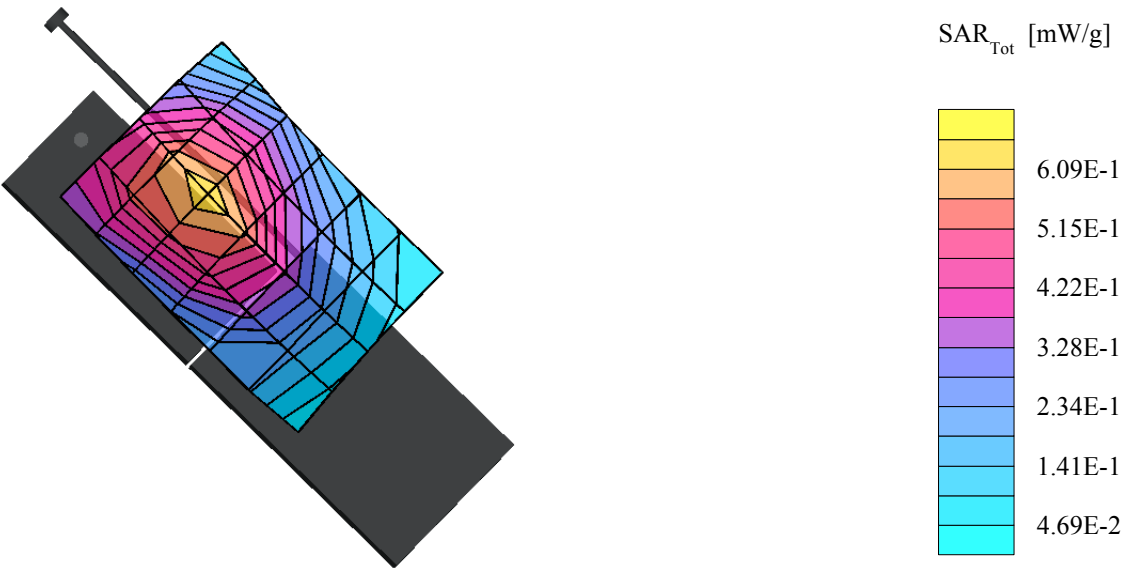
Head SAR - Right Ear/Tilt Position
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89]
Conducted Power: 24.54 dBm
Date Tested: January 31, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Right Section; Position: (90°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\omega = 0.91$ mho/m $\kappa = 41.2$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.10 dB
SAR (1g): 0.638 mW/g, SAR (10g): 0.447 mW/g

Head SAR - Right Ear/Tilt Position
Antenna Out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89]
Conducted Power: 24.55 dBm
Date Tested: January 31, 2002

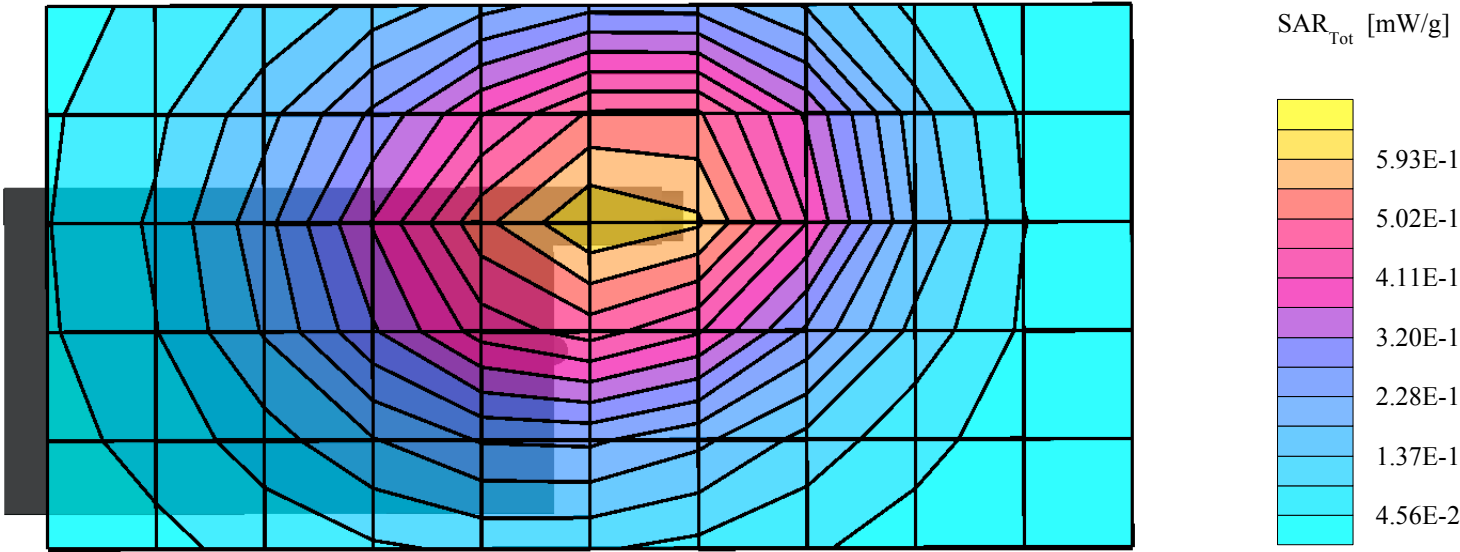


800MHz Cellular CDMA SAR Test Plots – Body-worn

Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Flat Section; Position: (270°,270°)
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0
835 MHz Muscle: $\omega = 0.98$ mho/m $\kappa = 53.4$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.04 dB
SAR (1g): 0.599 mW/g, SAR (10g): 0.414 mW/g

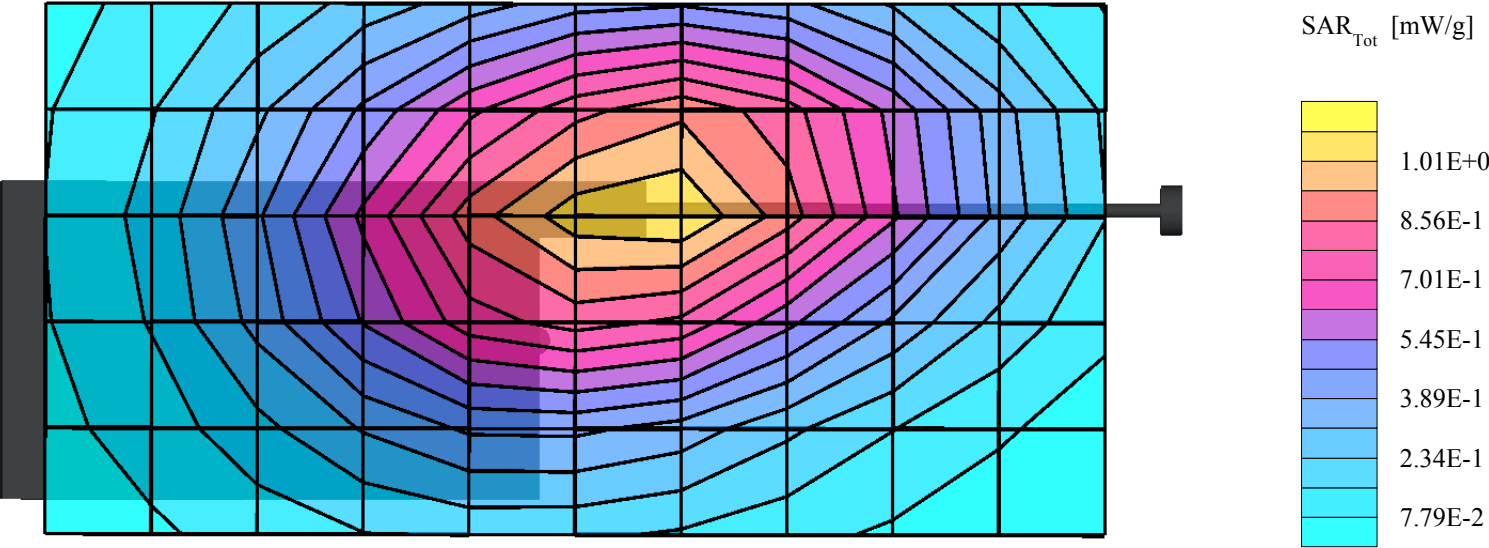
Body SAR at 1.5 cm Separation Distance
Antenna In
Model: WPE-2100
CDMA Mode
Extended Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.53 dBm
Date Tested: February 01, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Flat Section; Position: (270°,270°)
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0
835 MHz Muscle: $\omega = 0.98$ mho/m $\kappa = 53.4$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.12 dB
SAR (1g): 1.00 mW/g, SAR (10g): 0.689 mW/g

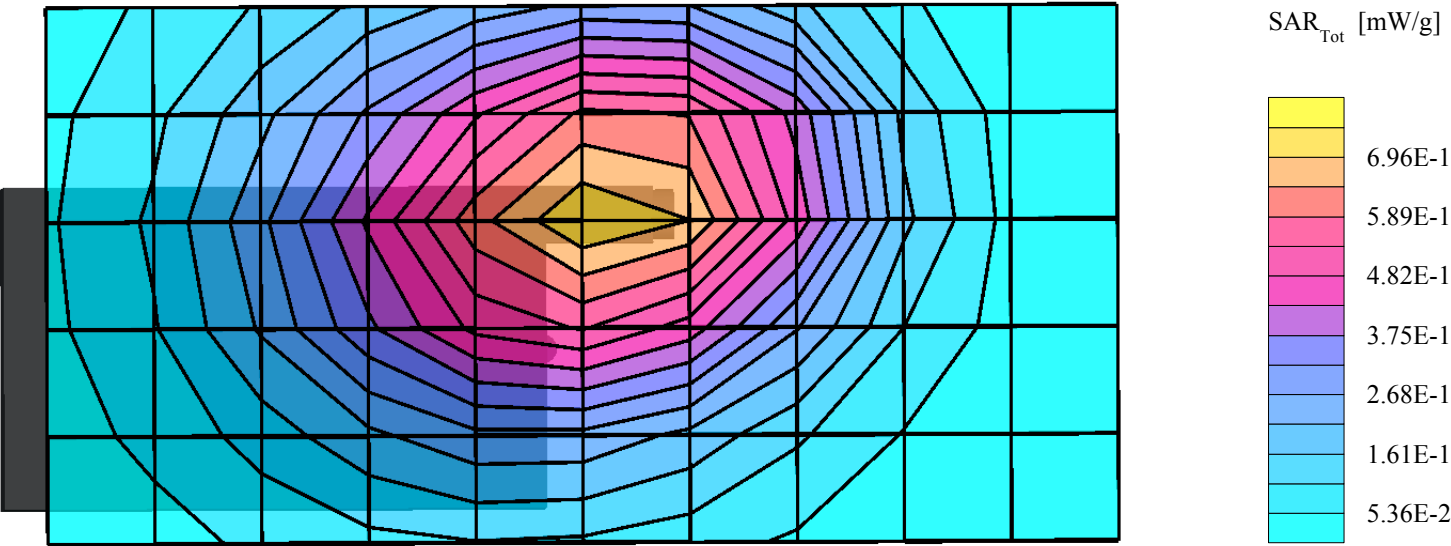
Body SAR at 1.5 cm Separation Distance
Antenna out
Model: WPE-2100
CDMA Mode
Extended Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.55 dBm
Date Tested: February 01, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Flat Section; Position: (270°,270°)
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0
835 MHz Muscle: $\omega = 0.98$ mho/m $\kappa = 53.4$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.08 dB
SAR (1g): 0.712 mW/g, SAR (10g): 0.481 mW/g

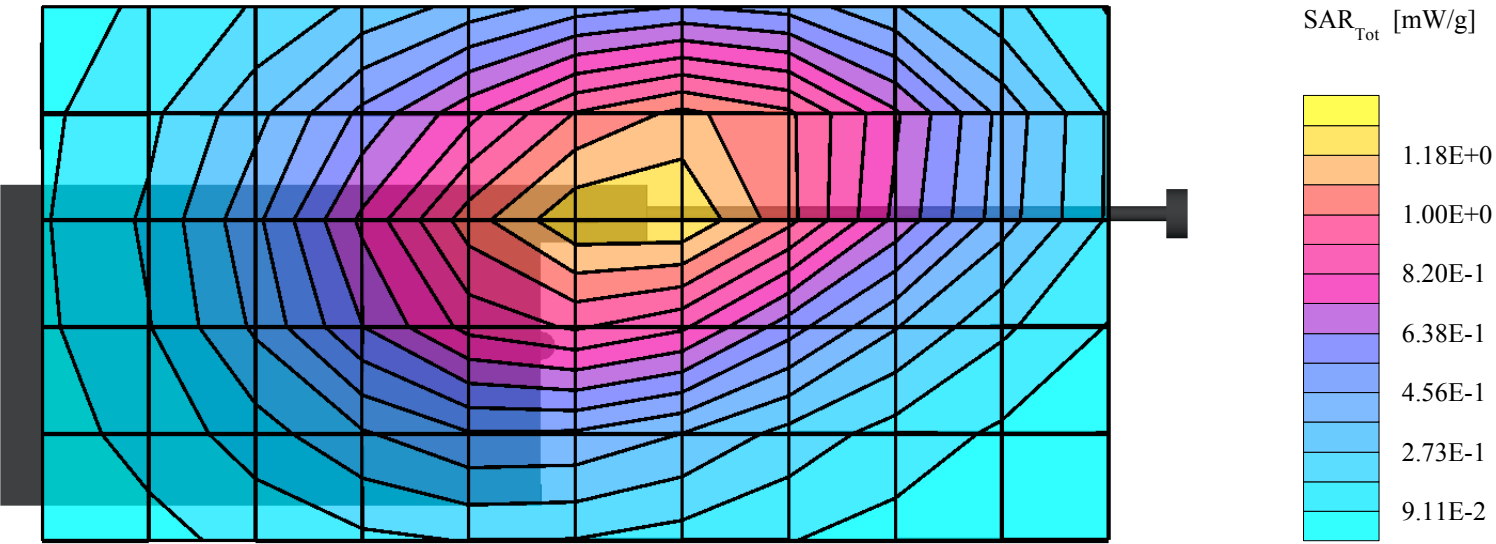
Body SAR at 1.5 cm Separation Distance
Antenna In
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.52 dBm
Date Tested: February 01, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Flat Section; Position: (270°,270°)
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0
835 MHz Muscle: $\omega = 0.98$ mho/m $\kappa = 53.4$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.05 dB
SAR (1g): 1.22 mW/g, SAR (10g): 0.839 mW/g

Body SAR at 1.5 cm Separation Distance
Antenna out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 363 [835.89 MHz]
Conducted Power: 24.51 dBm
Date Tested: February 01, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100
SAM Phantom; Flat Section
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0;
835 MHz Muscle: $\sigma = 0.98 \text{ mho/m}$ $\epsilon_r = 53.4$ $\rho = 1.00 \text{ g/cm}^3$

Z-Axis Extrapolation at Peak SAR Location

Body SAR at 1.5 cm Separation Distance

Antenna out

Model: WPE-2100

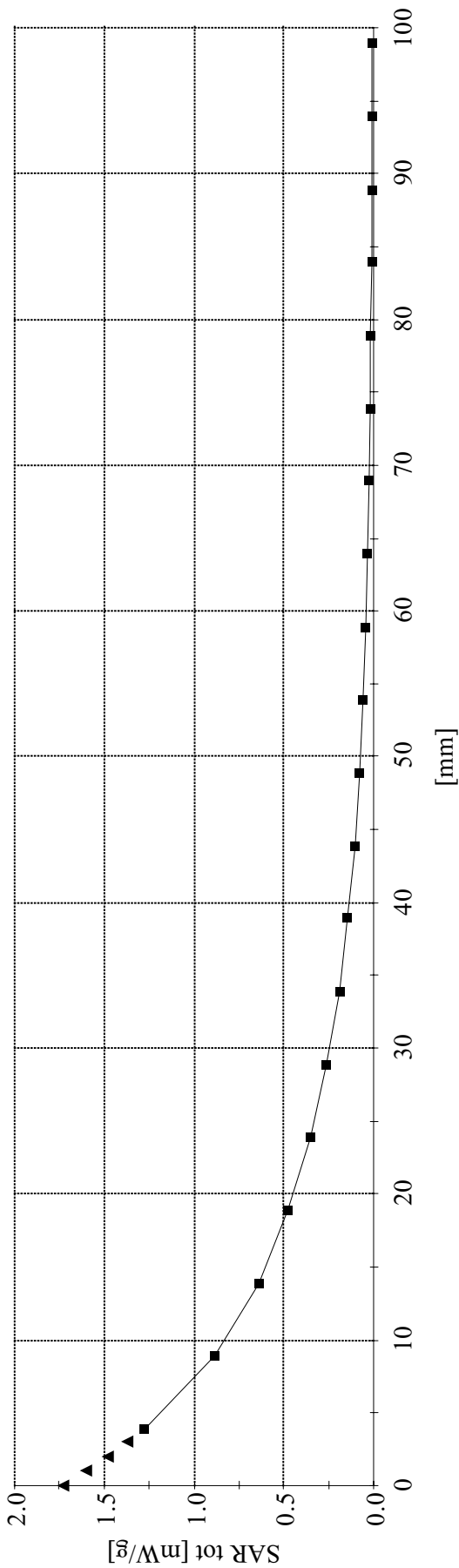
CDMA Mode

Standard Battery

Channel 363 [835.89 MHz]

Conducted Power: 24.51 dBm

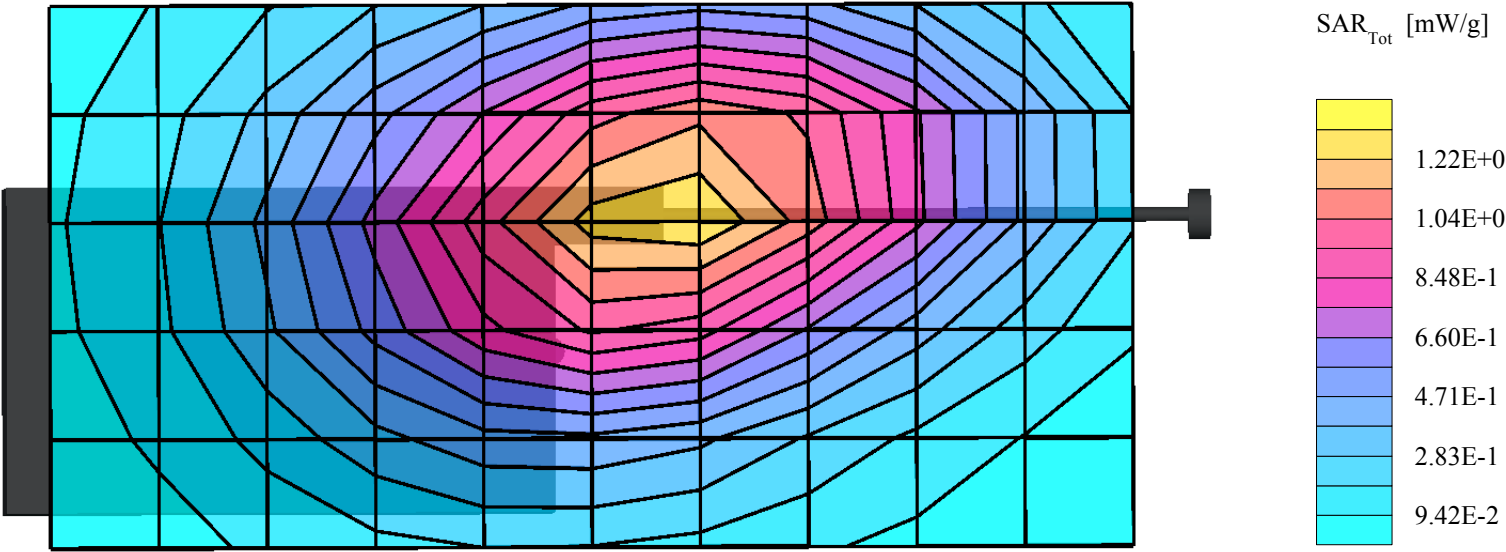
Date Tested: February 01, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Flat Section; Position: (270°,270°)
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0
835 MHz Muscle: $\omega = 0.98$ mho/m $\kappa = 53.4$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.09 dB
SAR (1g): 1.21 mW/g, SAR (10g): 0.834 mW/g

Body SAR at 1.5 cm Separation Distance
Antenna out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 1013 [824.70 MHz]
Conducted Power: 24.52 dBm
Date Tested: February 01, 2002



Modottel Co., Ltd. FCC ID: POQWPE-2100

SAM Phantom; Flat Section; Position: (270°,270°)
Probe: ET3DV6 - SN1590; ConvF(6.70,6.70,6.70); Crest factor: 1.0
835 MHz Muscle: $\omega = 0.98$ mho/m $\kappa = 53.4$ $\psi = 1.00$ g/cm³
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.16 dB
SAR (1g): 1.10 mW/g, SAR (10g): 0.748 mW/g

Body SAR at 1.5 cm Separation Distance
Antenna out
Model: WPE-2100
CDMA Mode
Standard Battery
Channel 777 [848.31 MHz]
Conducted Power: 24.52 dBm
Date Tested: February 01, 2002

