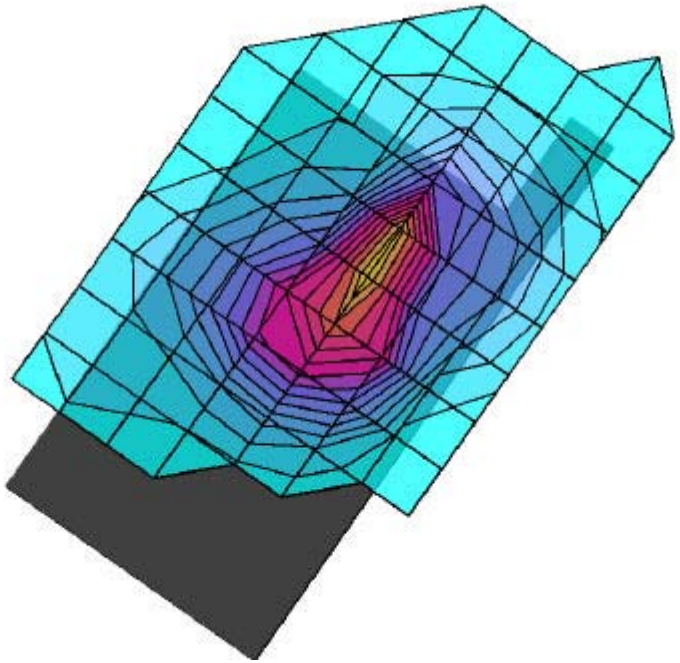
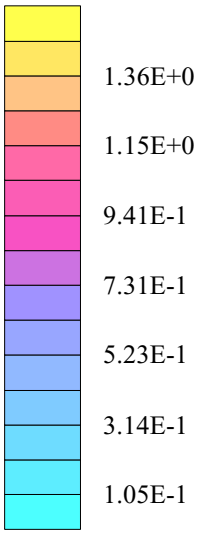
Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section; Position: (90°,65°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 1.29 mW/g, SAR (10g): 0.683 mW/g

Head SAR - Left Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0025 [1851.25 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

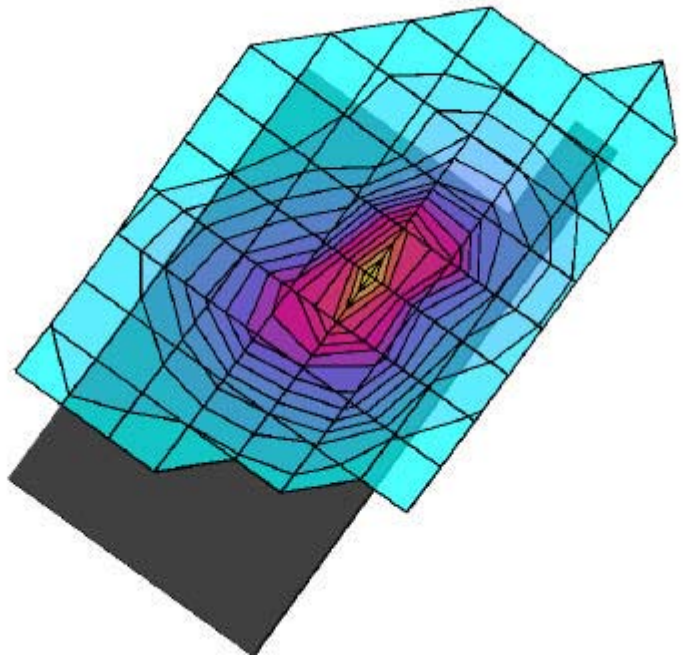


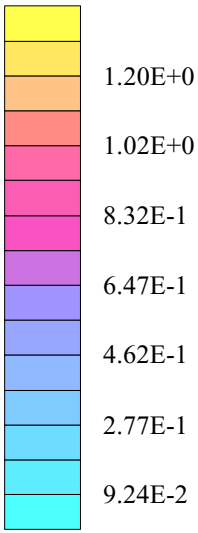


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section; Position: (90°,65°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 1.17 mW/g, SAR (10g): 0.622 mW/g

Head SAR - Left Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0600 [1880.00 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

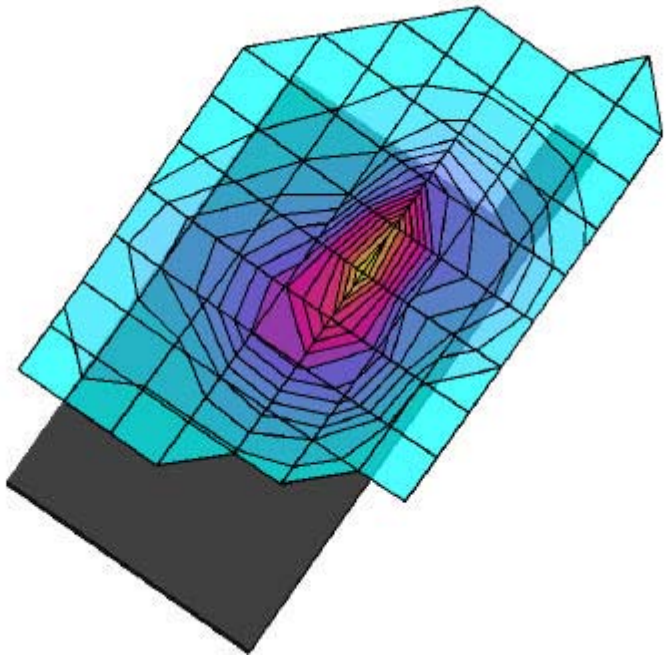


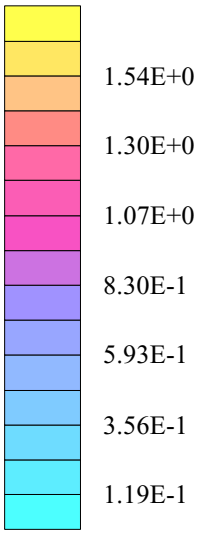


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section; Position: (90°,65°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 1.44 mW/g, SAR (10g): 0.740 mW/g

Head SAR - Left Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 1175 [1908.75 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003



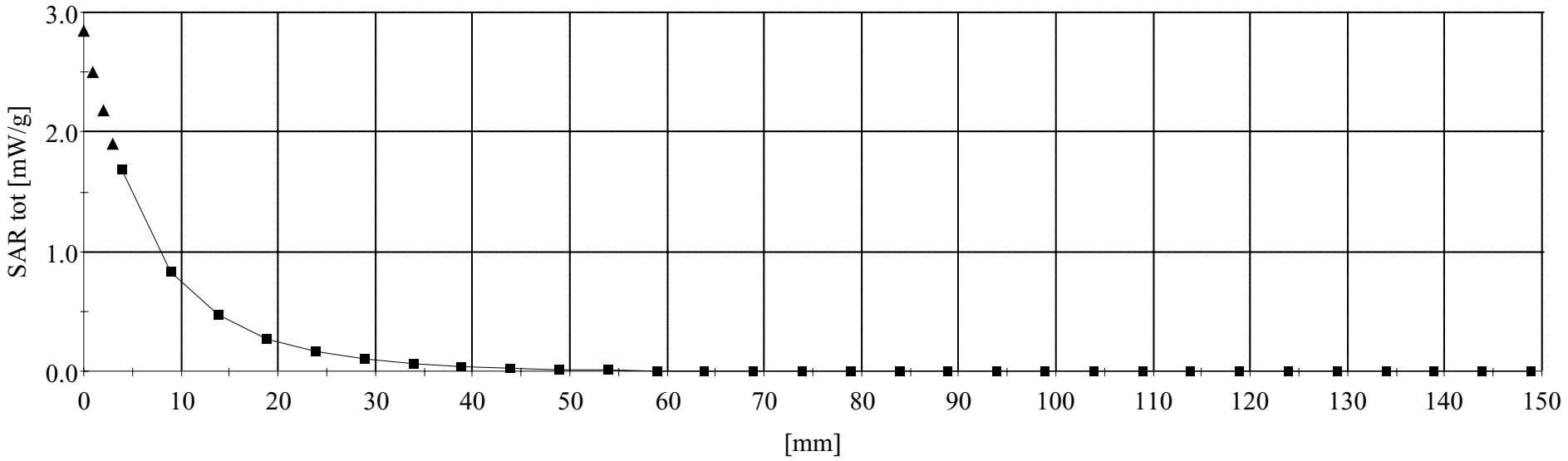


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3

Z-Axis Extrapolation at Peak SAR Location

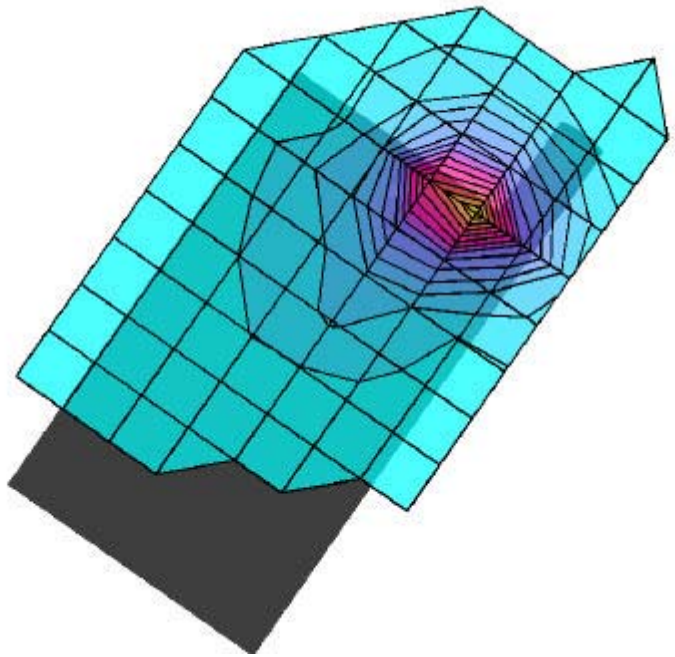
Head SAR - Left Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 1175 [1908.75 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

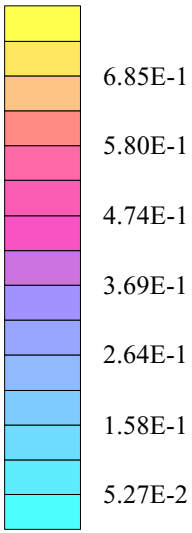


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section; Position: (104°,65°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.736 mW/g, SAR (10g): 0.415 mW/g

Head SAR - Left Ear - 15° Tilt Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0025 [1851.25 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

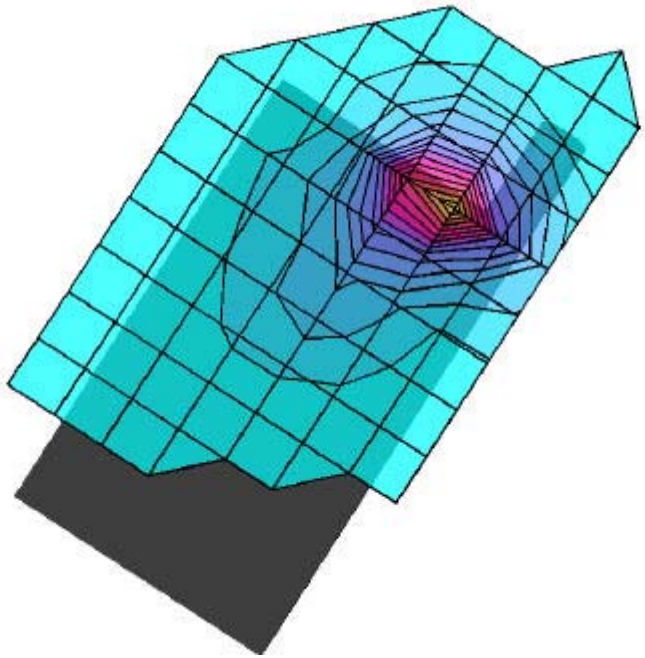


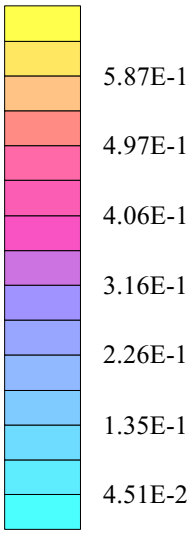


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section; Position: (104°,65°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.681 mW/g, SAR (10g): 0.365 mW/g

Head SAR - Left Ear - 15° Tilt Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0600 [1880.00 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

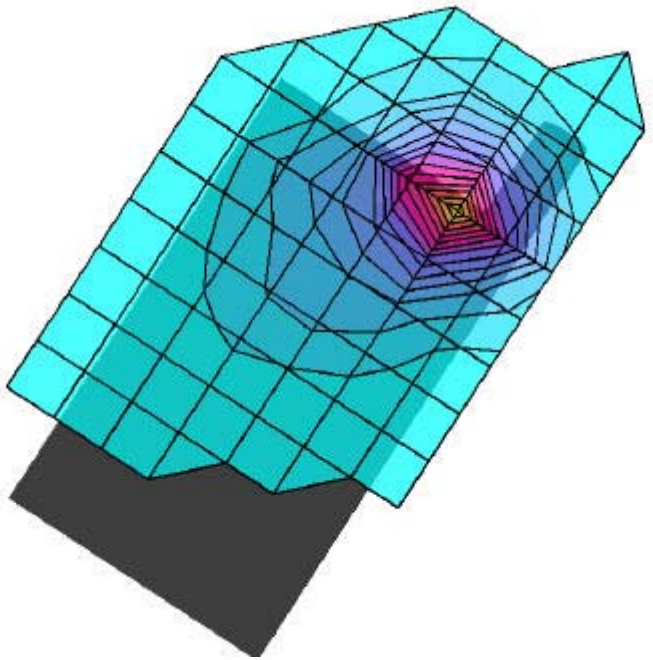


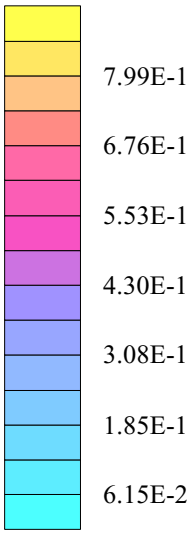


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Left Head Section; Position: (104°,65°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.759 mW/g, SAR (10g): 0.433 mW/g

Head SAR - Left Ear - 15° Tilt Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 1175 [1908.75 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

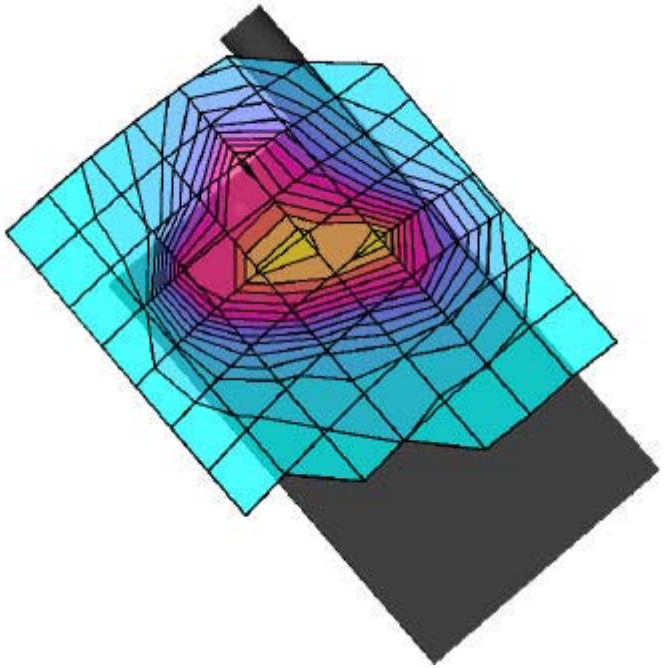




Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Right Head Section; Position: (65°,295°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.914 mW/g, SAR (10g): 0.536 mW/g

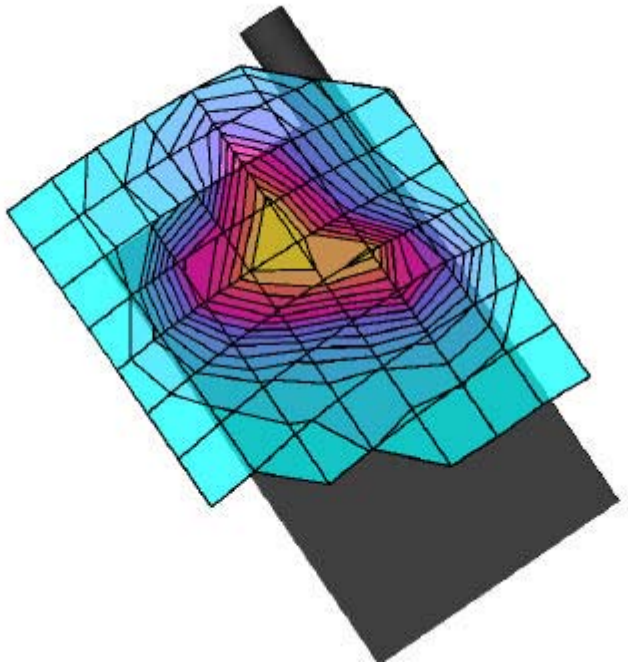
Head SAR - Right Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0025 [1851.25 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

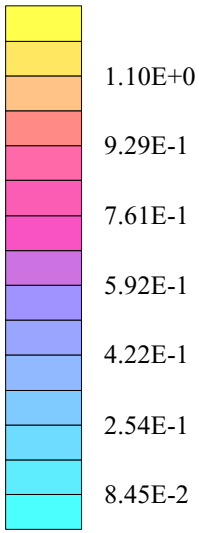


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Right Head Section; Position: (65°,295°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 1.14 mW/g, SAR (10g): 0.678 mW/g

Head SAR - Right Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0600 [1880.00 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

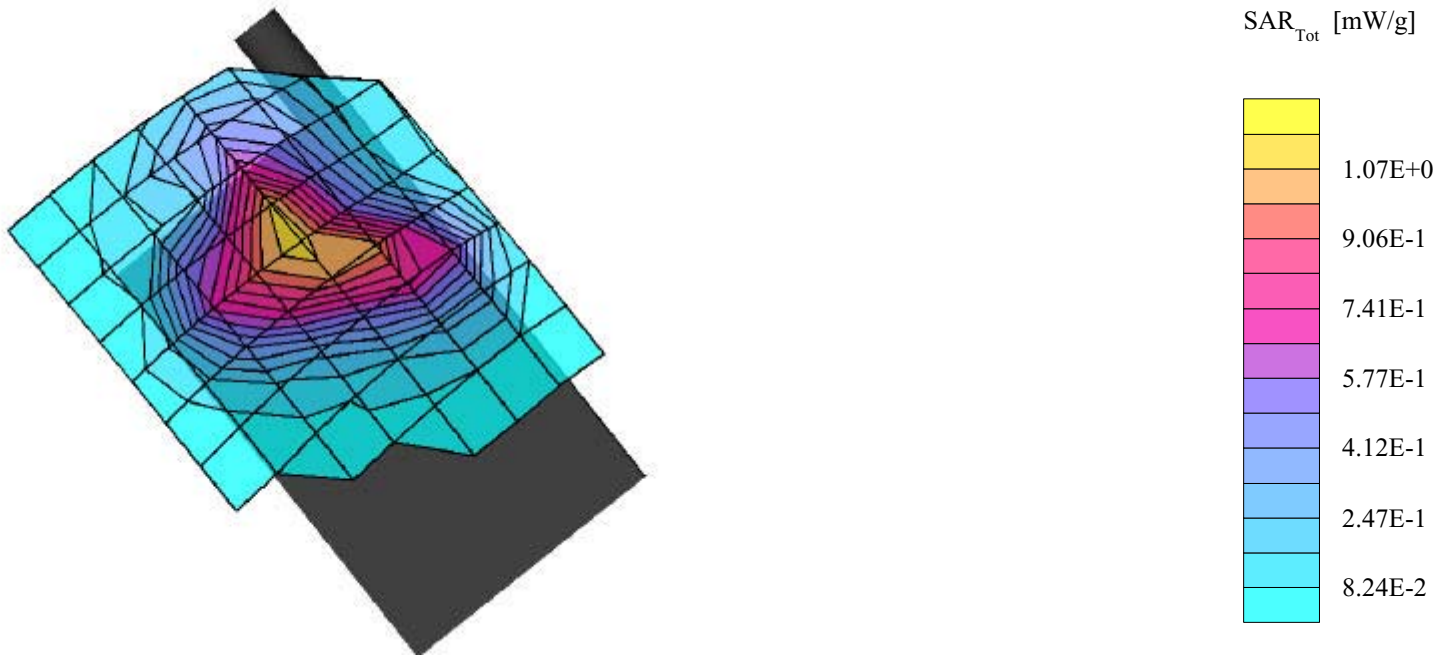




Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Right Head Section; Position: (65°,295°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 1.11 mW/g, SAR (10g): 0.643 mW/g

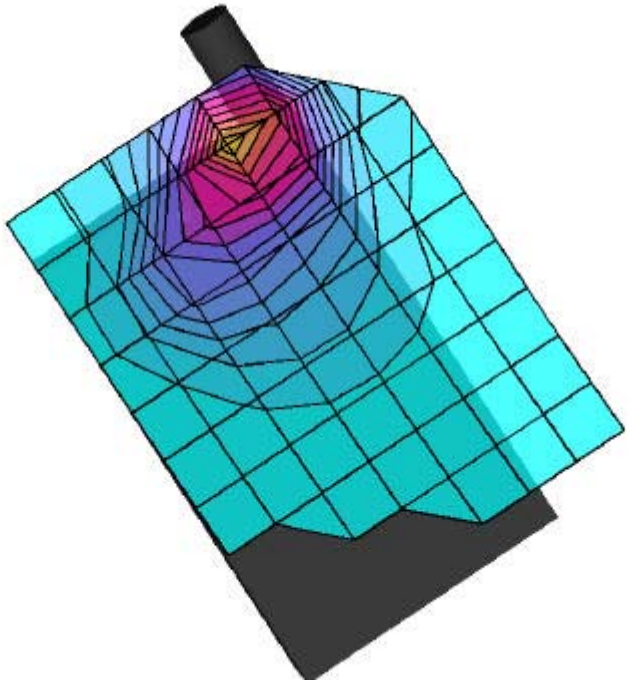
Head SAR - Right Ear - Cheek/Touch Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 1175 [1908.75 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003



Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Right Head Section; Position: (104°,295°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: $\sigma = 1.42$ mho/m $\varepsilon_r = 38.4$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.532 mW/g, SAR (10g): 0.309 mW/g

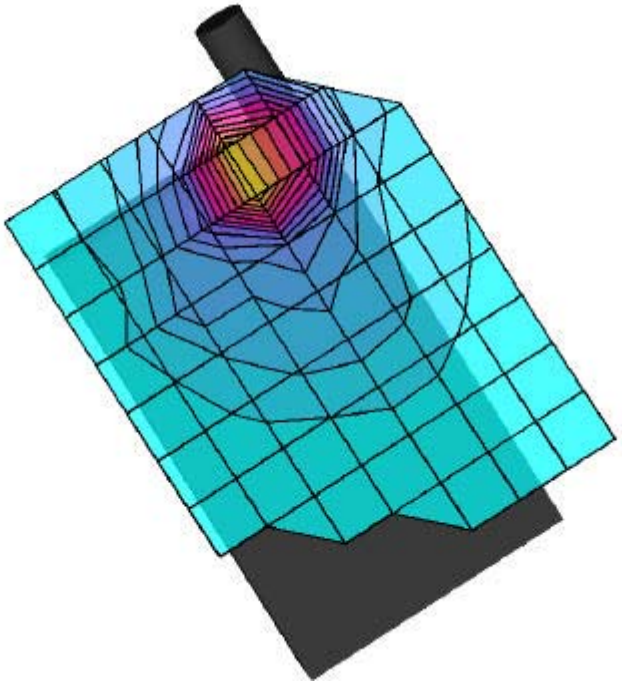
Head SAR - Right Ear - 15° Tilt Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0025 [1851.25 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003

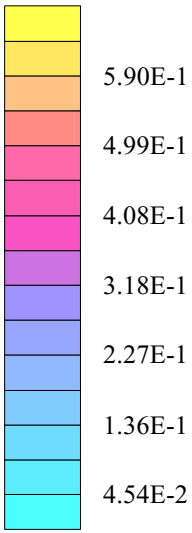


Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Right Head Section; Position: (104°,295°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.582 mW/g, SAR (10g): 0.340 mW/g

Head SAR - Right Ear - 15° Tilt Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 0600 [1880.00 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003





Hitachi Ltd. FCC ID: ABLSH-G1000

SAM Phantom; Right Head Section; Position: (104°,295°)
Probe: ET3DV6 - SN1590; ConvF(5.60,5.60,5.60); Crest factor: 1.0
1900 MHz Brain: σ = 1.42 mho/m ε_r = 38.4 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7
SAR (1g): 0.574 mW/g, SAR (10g): 0.335 mW/g

Head SAR - Right Ear - 15° Tilt Position
SH-G1000 PCS CDMA Phone/PDA
Fixed Stubby Antenna
3.7V Lithium-ion Battery (Model: SH-G1000BAT)
Channel 1175 [1908.75 MHz]
Conducted Power: 24.5 dBm
Ambient Temp. 22.8°C; Fluid Temp. 22.0°C
Date Tested: March 10, 2003