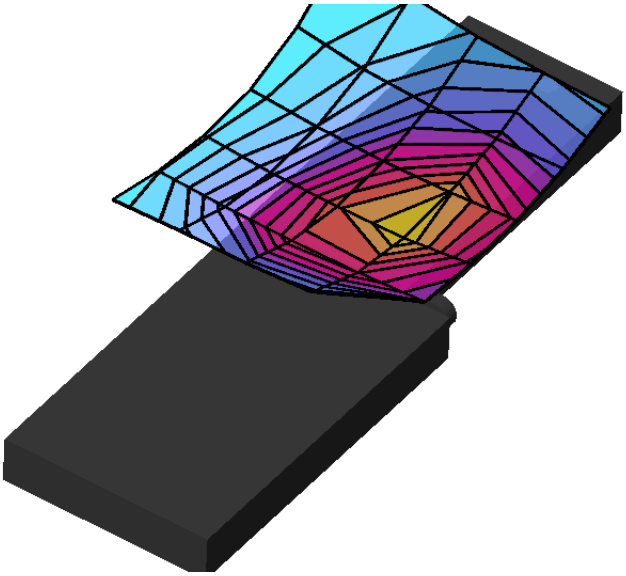
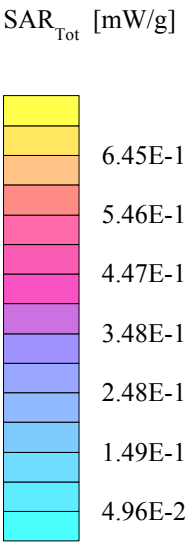
HEAD SAR TEST PLOTS - AMPS MODE - LEFT EAR

Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.16 dB
SAR (1g): 0.654 mW/g, SAR (10g): 0.458 mW/g

Head SAR - Left Cheek/Touch Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 991 [824.04 MHz]
Conducted Power: 26.76 dBm
Date Tested: January 8, 2002

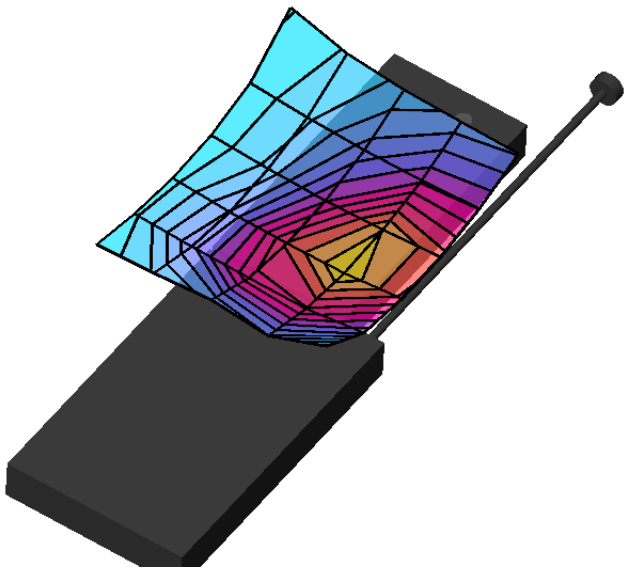


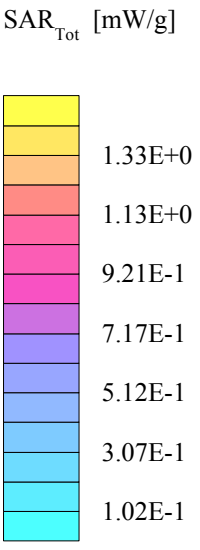


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: σ = 0.90 mho/m ε_r = 41.2 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.05 dB
SAR (1g): 1.42 mW/g, SAR (10g): 0.984 mW/g

Head SAR - Left Cheek/Touch Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 991 [824.04 MHz]
Conducted Power: 26.71 dBm
Date Tested: January 8, 2002

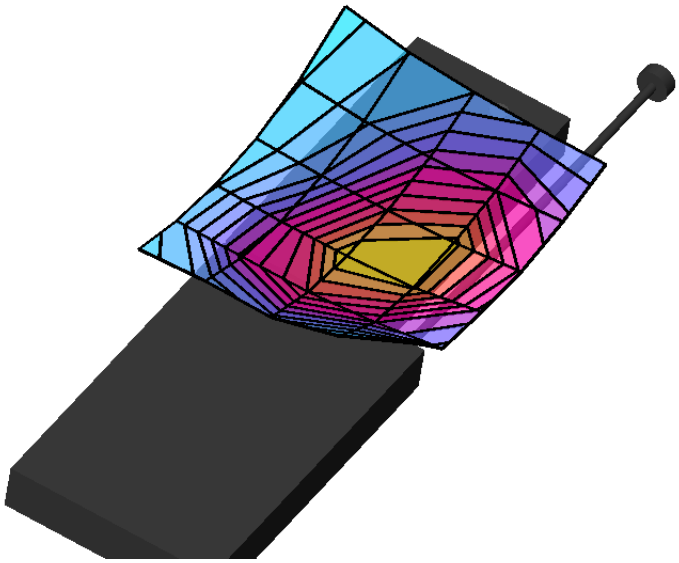




Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.09 dB
SAR (1g): 1.30 mW/g, SAR (10g): 0.895 mW/g

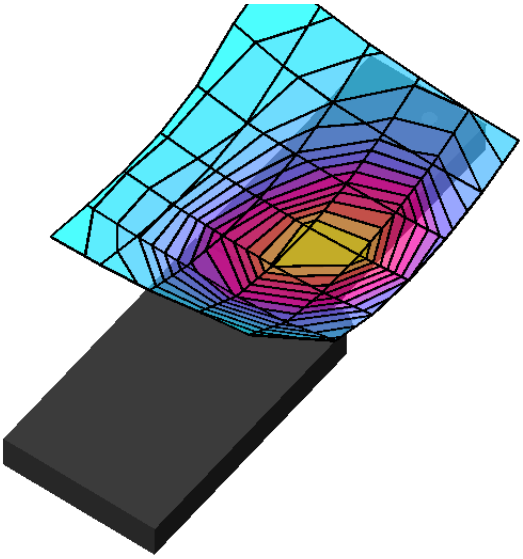
Head SAR - Left Cheek/Touch Position
Antenna Out
Extended Battery
Withus Model: WCE-200
AMPS Mode
Channel 991 [824.04 MHz]
Conducted Power: 26.78 dBm
Date Tested: January 8, 2002

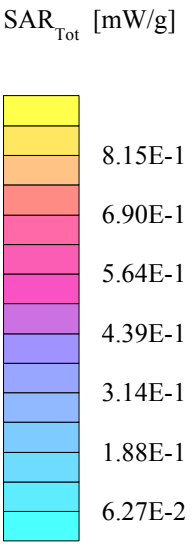


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.02 dB
SAR (1g): 0.920 mW/g, SAR (10g): 0.622 mW/g

Head SAR - Left Cheek/Touch Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.75 dBm
Date Tested: January 8, 2002

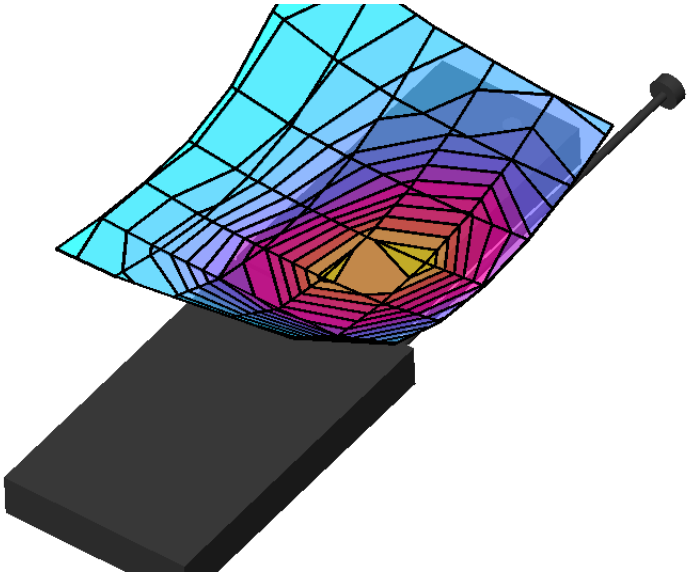


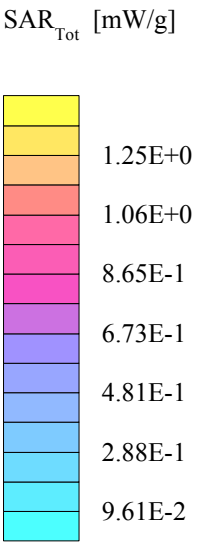


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.04 dB
SAR (1g): 1.36 mW/g, SAR (10g): 0.923 mW/g

Head SAR - Left Cheek/Touch Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.73 dBm
Date Tested: January 8, 2002

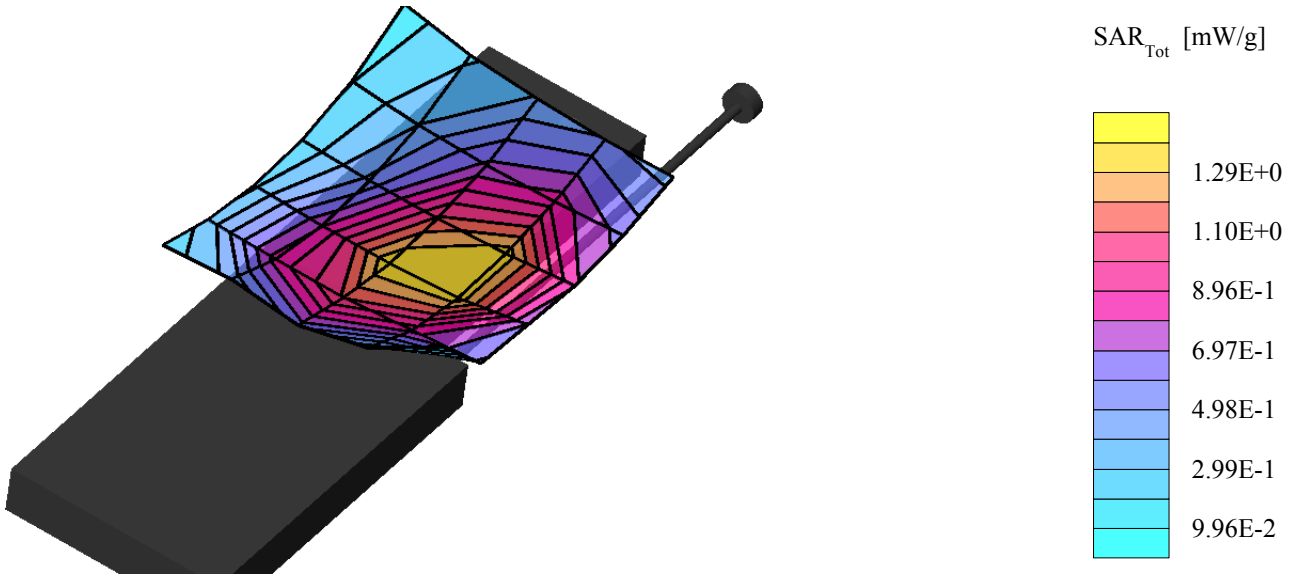




Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.02 dB
SAR (1g): 1.43 mW/g, SAR (10g): 0.968 mW/g

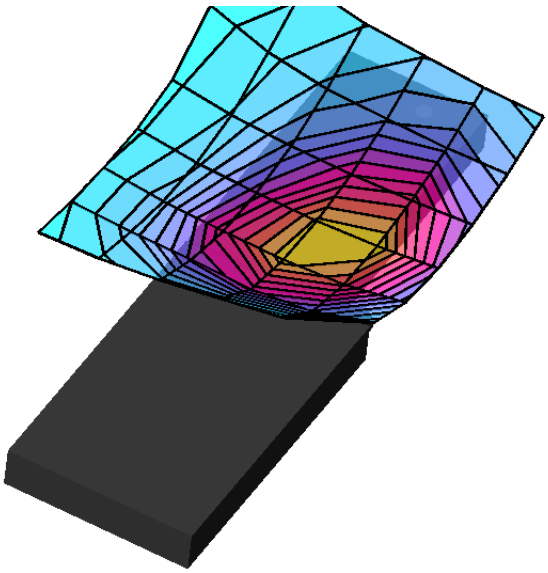
Head SAR - Left Cheek/Touch Position
Antenna Out
Extended Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.72 dBm
Date Tested: January 8, 2002

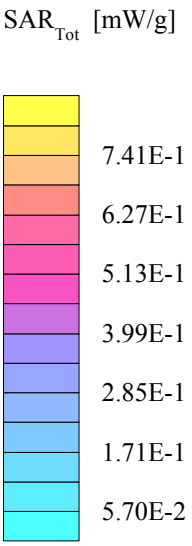


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
900 MHz Brain: $\sigma = 0.97$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.13 dB
SAR (1g): 0.799 mW/g, SAR (10g): 0.548 mW/g

Head SAR - Left Cheek/Touch Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 799 [848.97 MHz]
Conducted Power: 26.73 dBm
Date Tested: January 8, 2002

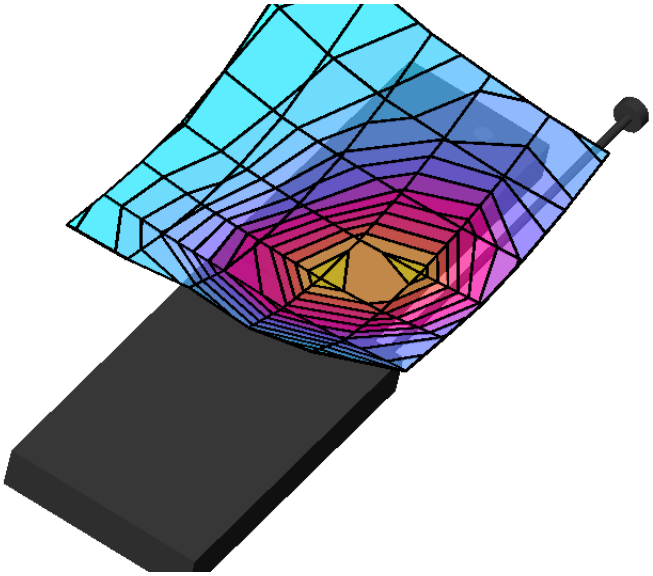


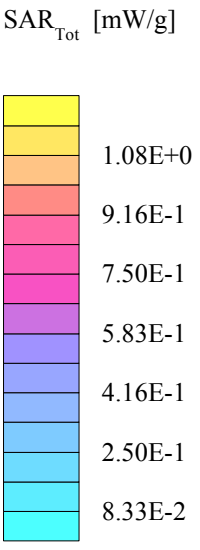


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: σ = 0.90 mho/m ε_r = 41.2 ρ = 1.00 g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.19 dB
SAR (1g): 1.16 mW/g, SAR (10g): 0.794 mW/g

Head SAR - Left Cheek/Touch Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 799 [848.97 MHz]
Conducted Power: 26.72 dBm
Date Tested: January 8, 2002

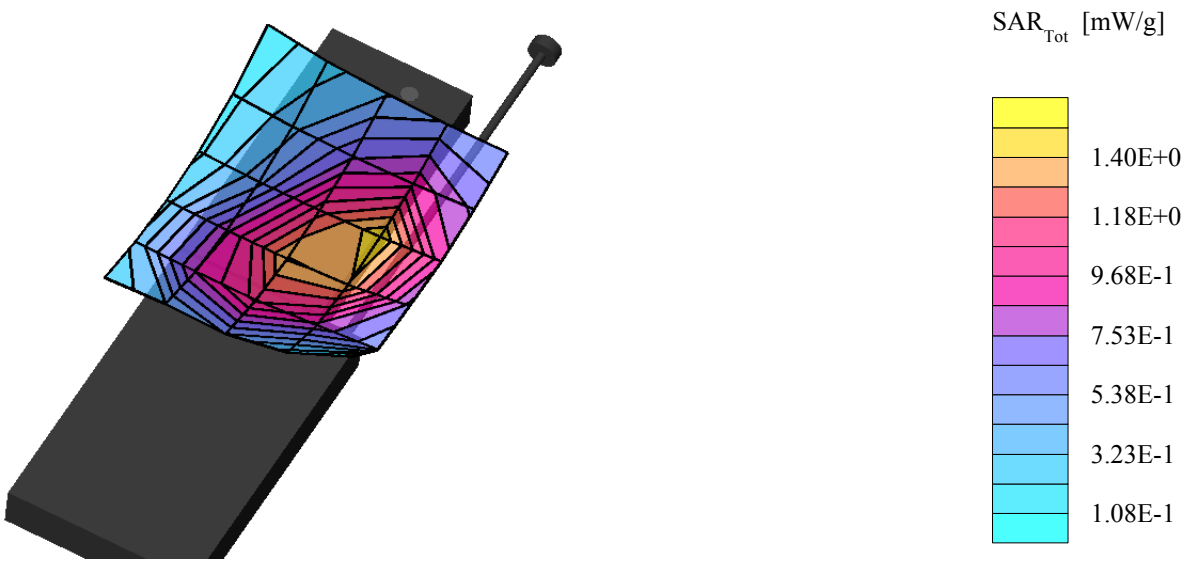




Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (70°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.12 dB
SAR (1g): 1.47 mW/g, SAR (10g): 0.993 mW/g

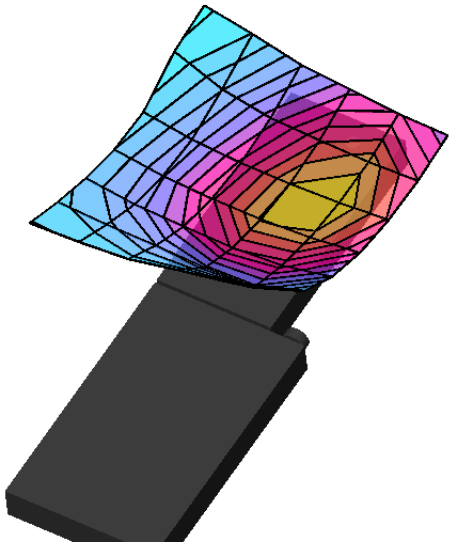
Head SAR - Left Cheek/Touch Position
Antenna Out
Extended Battery
Withus Model: WCE-200
AMPS Mode
Channel 799 [848.97 MHz]
Conducted Power: 26.72 dBm
Date Tested: January 8, 2002

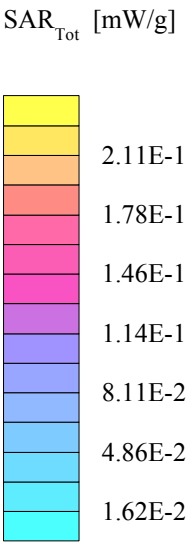


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (85°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.00 dB
SAR (1g): 0.249 mW/g, SAR (10g): 0.180 mW/g

Head SAR - Left Ear/Tilt Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.72 dBm
Date Tested: January 8, 2002

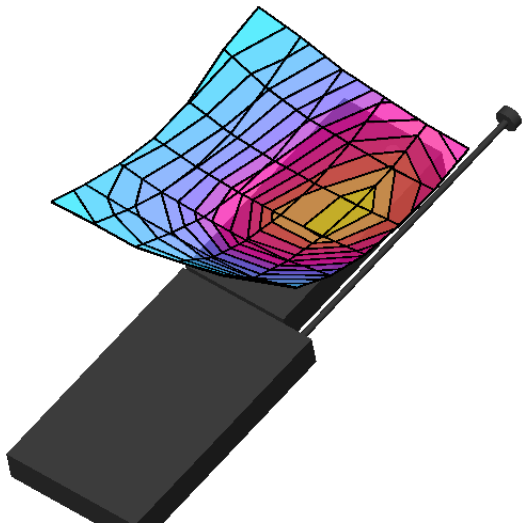


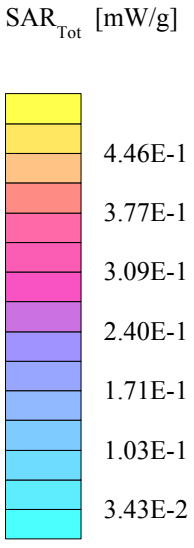


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Left Cheek Section; Position: (85°,180°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.02 dB
SAR (1g): 0.445 mW/g, SAR (10g): 0.322 mW/g

Head SAR - Left Ear/Tilt Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.70 dBm
Date Tested: January 8, 2002



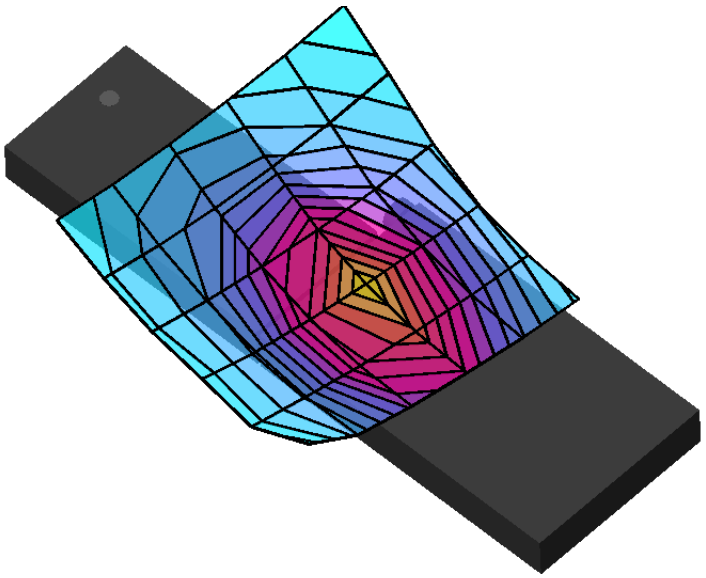


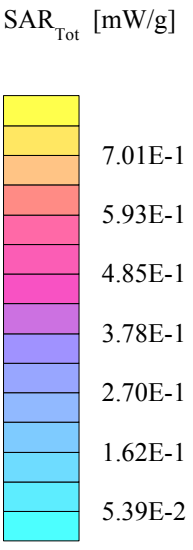
HEAD SAR TEST PLOTS - AMPS MODE - RIGHT EAR

Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.20 dB
SAR (1g): 0.672 mW/g, SAR (10g): 0.462 mW/g

Head SAR - Right Cheek/Touch Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 991 [824.04 MHz]
Conducted Power: 26.70 dBm
Date Tested: January 8, 2002

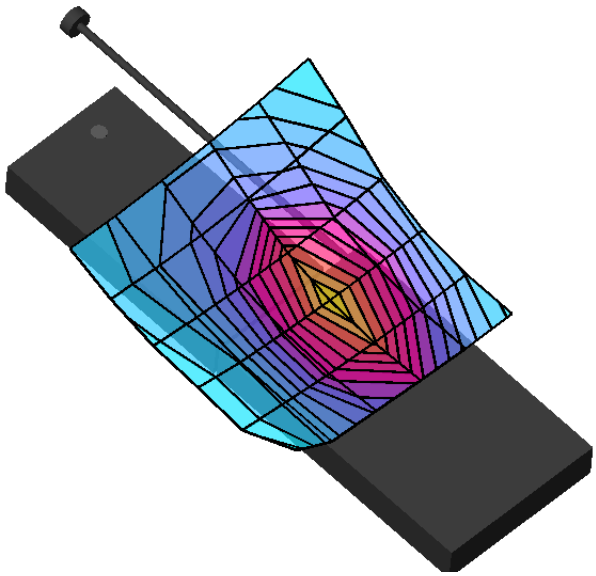


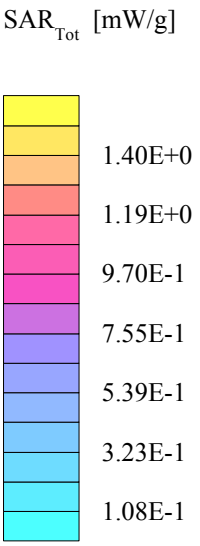


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 1.41 mW/g, SAR (10g): 0.923 mW/g

Head SAR - Right Cheek/Touch Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 991 [824.04 MHz]
Conducted Power: 26.70 dBm
Date Tested: January 8, 2002

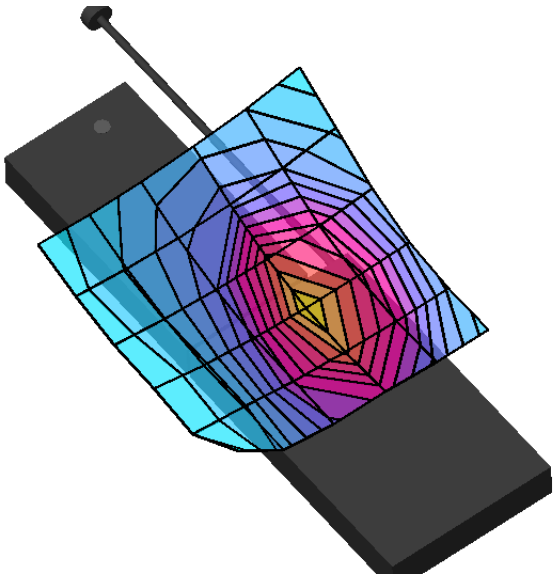


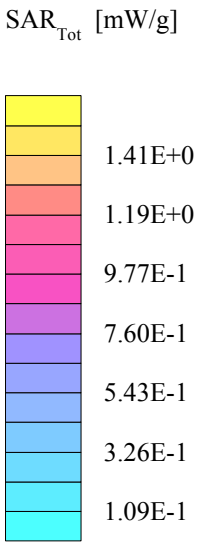


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.05 dB
SAR (1g): 1.39 mW/g, SAR (10g): 0.923 mW/g

Head SAR - Right Cheek/Touch Position
Antenna Out
Extended Battery
Withus Model: WCE-200
AMPS Mode
Channel 991 [824.04 MHz]
Conducted Power: 26.70 dBm
Date Tested: January 8, 2002

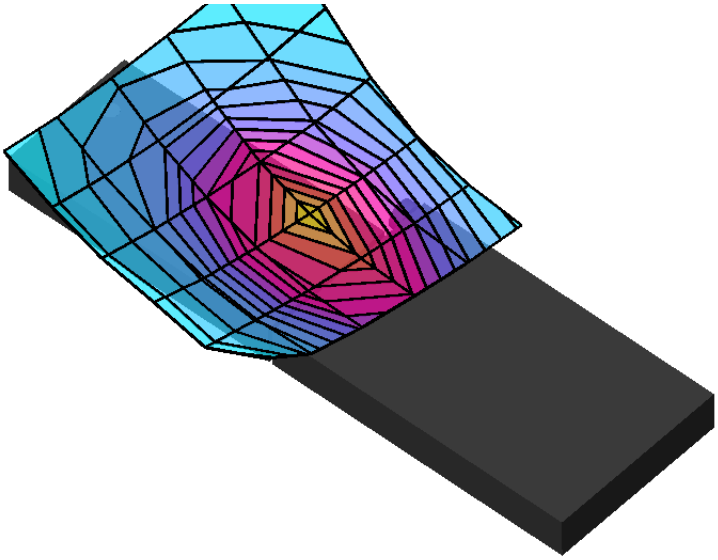


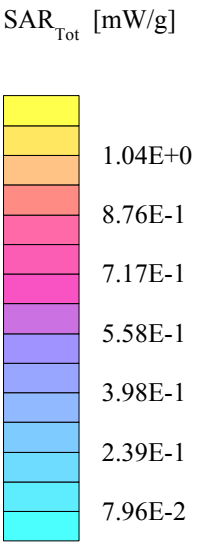


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.03 dB
SAR (1g): 0.922 mW/g, SAR (10g): 0.618 mW/g

Head SAR - Right Cheek/Touch Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.74 dBm
Date Tested: January 8, 2002

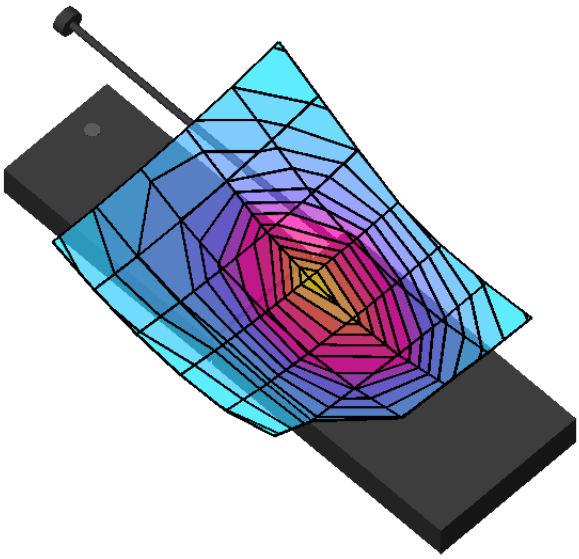


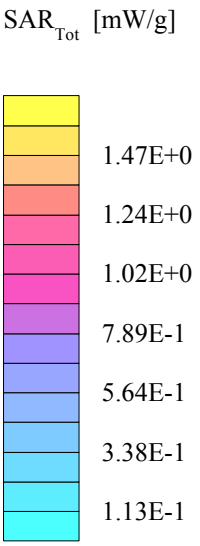


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.01 dB
SAR (1g): 1.46 mW/g, SAR (10g): 0.972 mW/g

Head SAR - Right Cheek/Touch Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.70 dBm
Date Tested: January 8, 2002

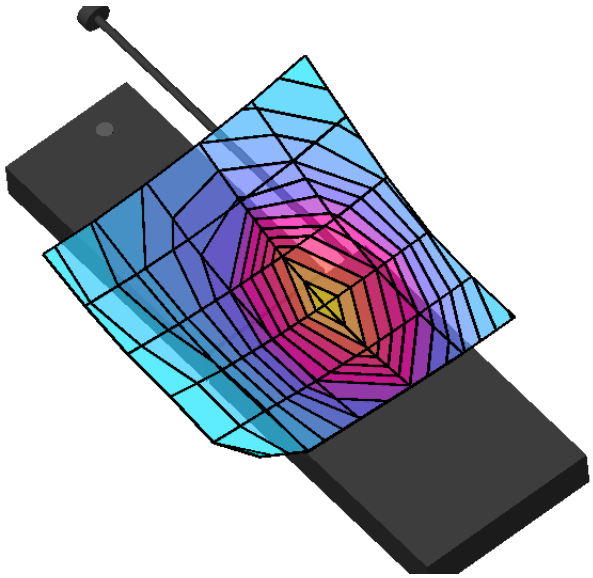


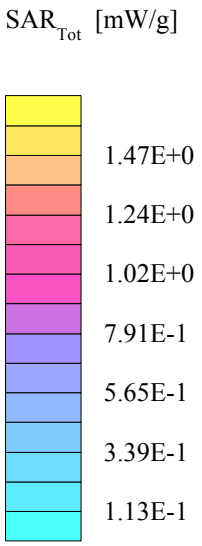


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.05 dB
SAR (1g): 1.48 mW/g, SAR (10g): 0.989 mW/g

Head SAR - Right Cheek/Touch Position
Antenna Out
Extended Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.75 dBm
Date Tested: January 8, 2002

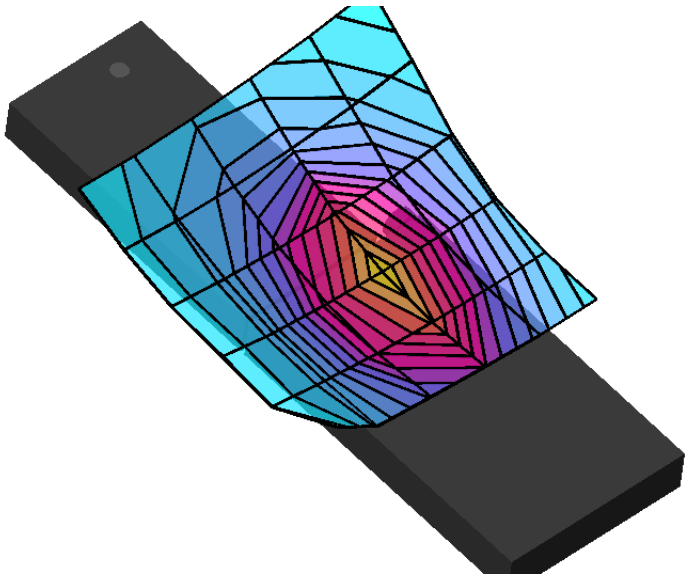


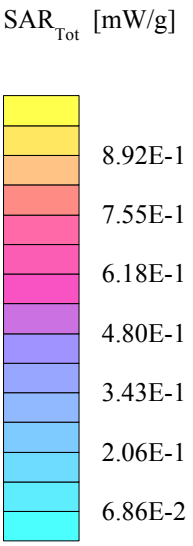


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.18 dB
SAR (1g): 0.877 mW/g, SAR (10g): 0.587 mW/g

Head SAR - Right Cheek/Touch Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 799 [848.97 MHz]
Conducted Power: 26.74 dBm
Date Tested: January 8, 2002

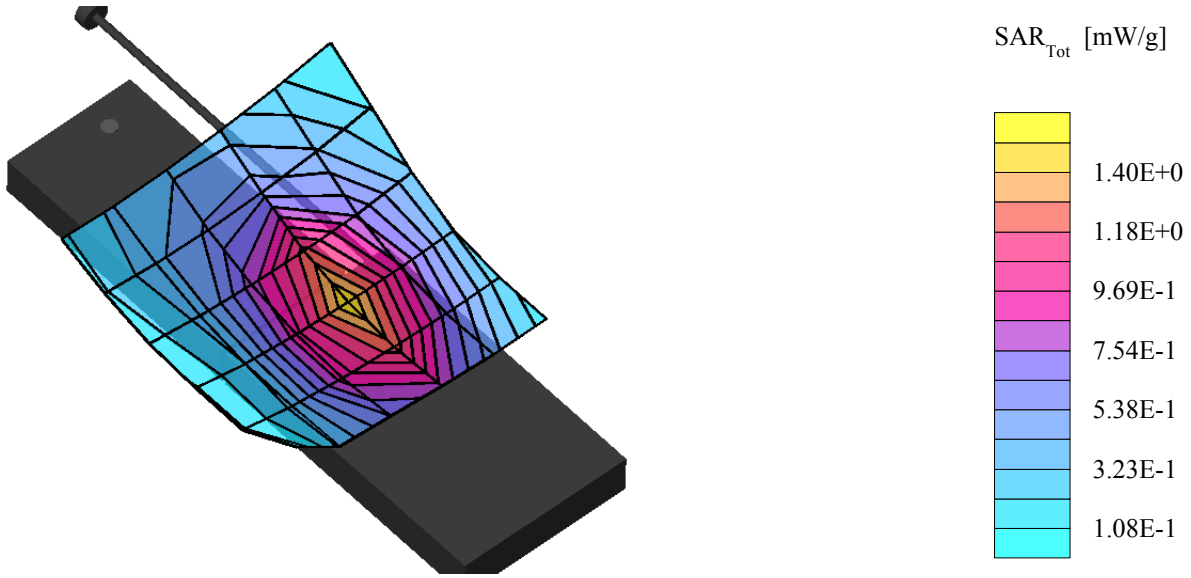




Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.02 dB
SAR (1g): 1.36 mW/g, SAR (10g): 0.896 mW/g

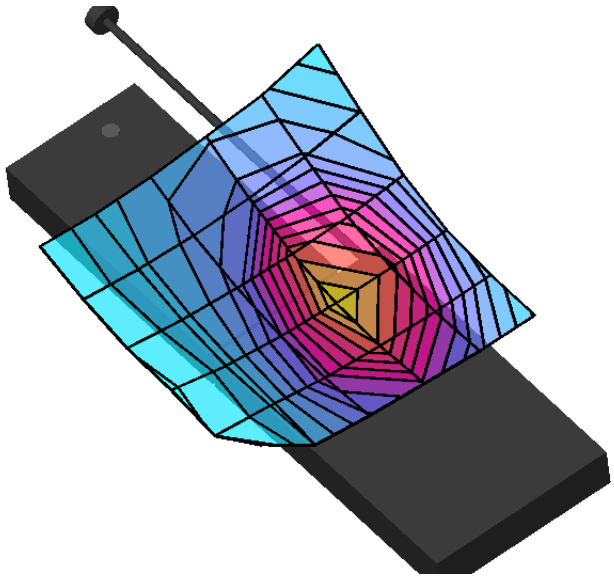
Head SAR - Right Cheek/Touch Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 799 [848.97 MHz]
Conducted Power: 26.70 dBm
Date Tested: January 8, 2002

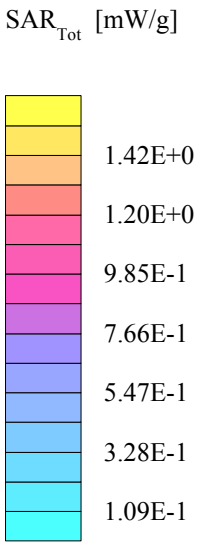


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (65°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.03 dB
SAR (1g): 1.42 mW/g, SAR (10g): 0.941 mW/g

Head SAR - Right Cheek/Touch Position
Antenna Out
Extended Battery
Withus Model: WCE-200
AMPS Mode
Channel 799 [848.97 MHz]
Conducted Power: 26.72 dBm
Date Tested: January 8, 2002

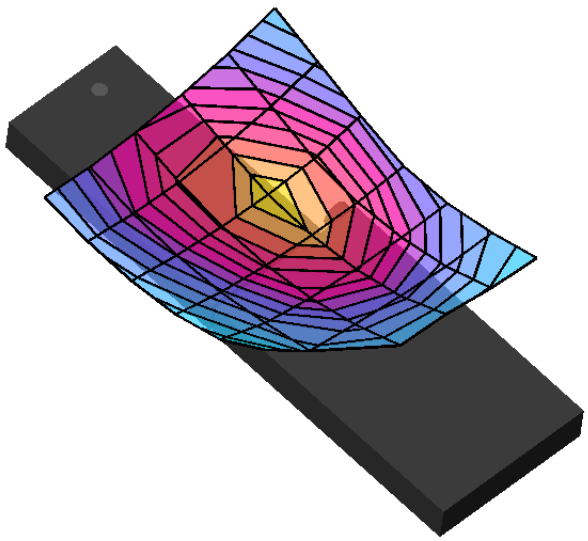


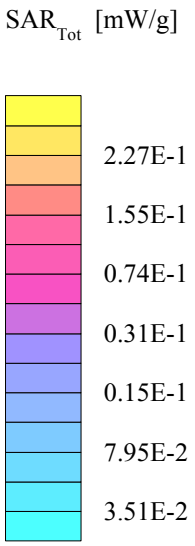


Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (80°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: -0.03 dB
SAR (1g): 0.230 mW/g, SAR (10g): 0.158 mW/g

Head SAR - Right Ear/Tilt Position
Antenna In
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.74 dBm
Date Tested: January 8, 2002





Withus IT Co. LTD. FCC ID: POQWCE-200

SAM Phantom; Right Cheek Section; Position: (80°,230°)
Probe: ET3DV6 - SN1590; ConvF(6.91,6.91,6.91); Crest factor: 1.0
835 MHz Brain: $\sigma = 0.90$ mho/m $\varepsilon_r = 41.2$ $\rho = 1.00$ g/cm^3
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Cube 5x5x7; Powerdrift: 0.02 dB
SAR (1g): 0.462 mW/g, SAR (10g): 0.336 mW/g

Head SAR - Right Ear/Tilt Position
Antenna Out
Standard Battery
Withus Model: WCE-200
AMPS Mode
Channel 383 [836.49 MHz]
Conducted Power: 26.71 dBm
Date Tested: January 8, 2002