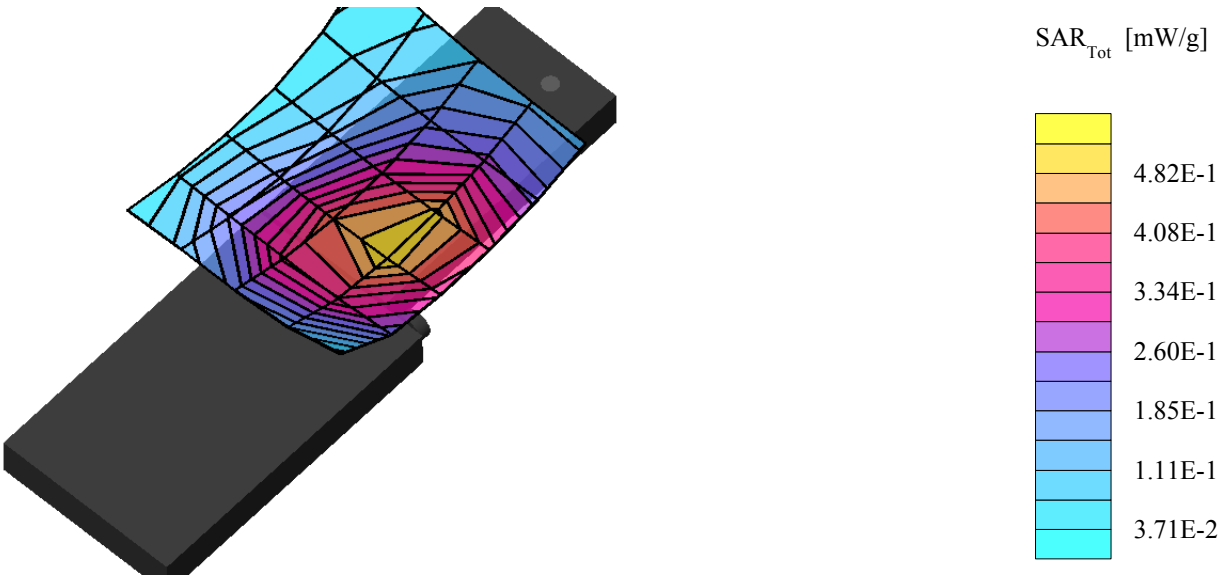


## **HEAD SAR TEST PLOTS - CDMA MODE - LEFT EAR**

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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: 0.06 dB  
SAR (1g): 0.506 mW/g, SAR (10g): 0.346 mW/g

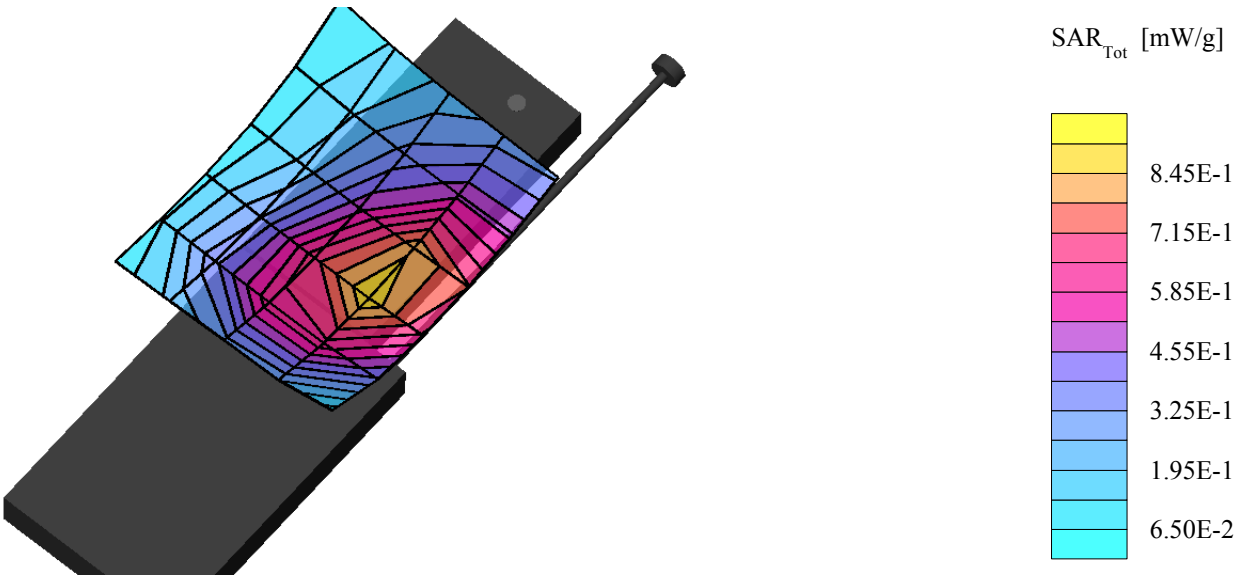
Head SAR - Left Cheek/Touch Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 1013 [824.70 MHz]  
Conducted Power: 25.13 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: 0.02 dB  
SAR (1g): 0.870 mW/g, SAR (10g): 0.594 mW/g

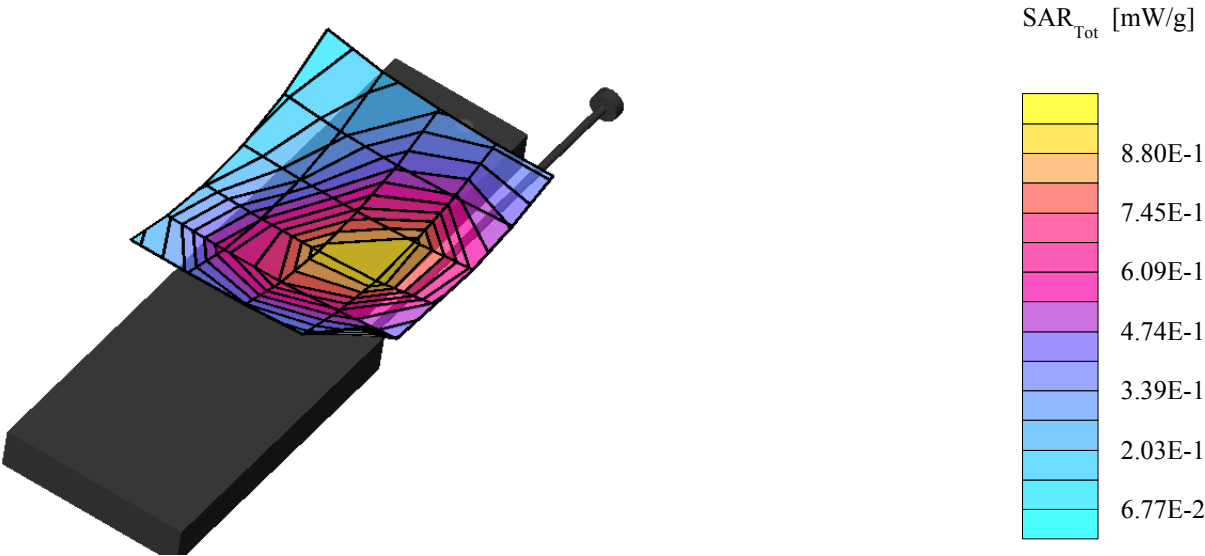
Head SAR - Left Cheek/Touch Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 1013 [824.70 MHz]  
Conducted Power: 25.04 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.01 dB  
SAR (1g): 0.954 mW/g, SAR (10g): 0.652 mW/g

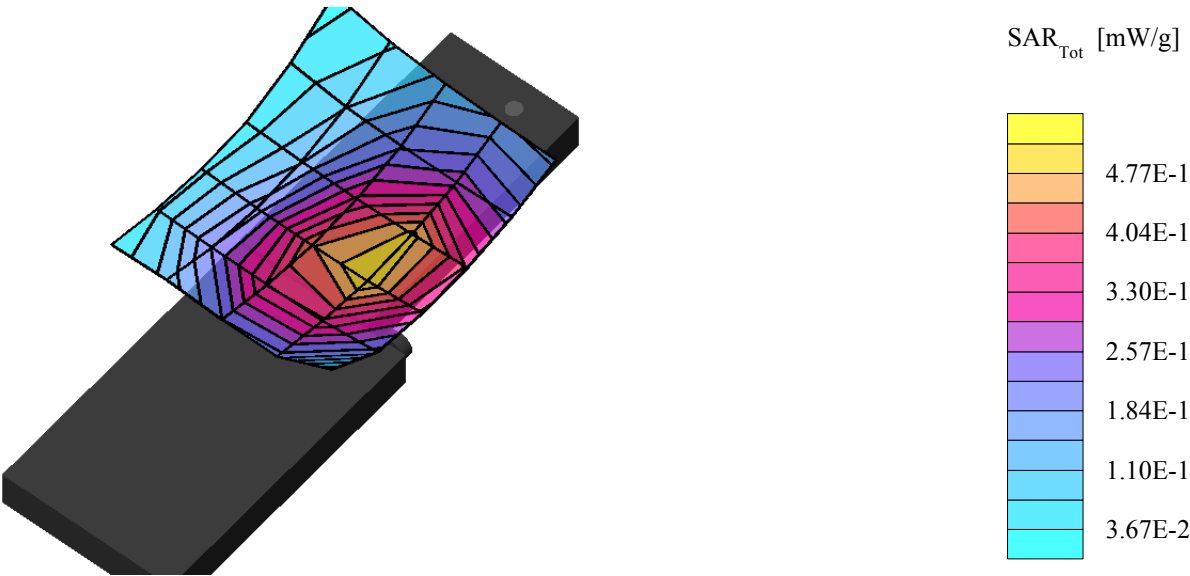
Head SAR - Left Cheek/Touch Position  
Antenna Out  
Extended Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 1013 [824.70 MHz]  
Conducted Power: 25.05 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.13 dB  
SAR (1g): 0.500 mW/g, SAR (10g): 0.342 mW/g

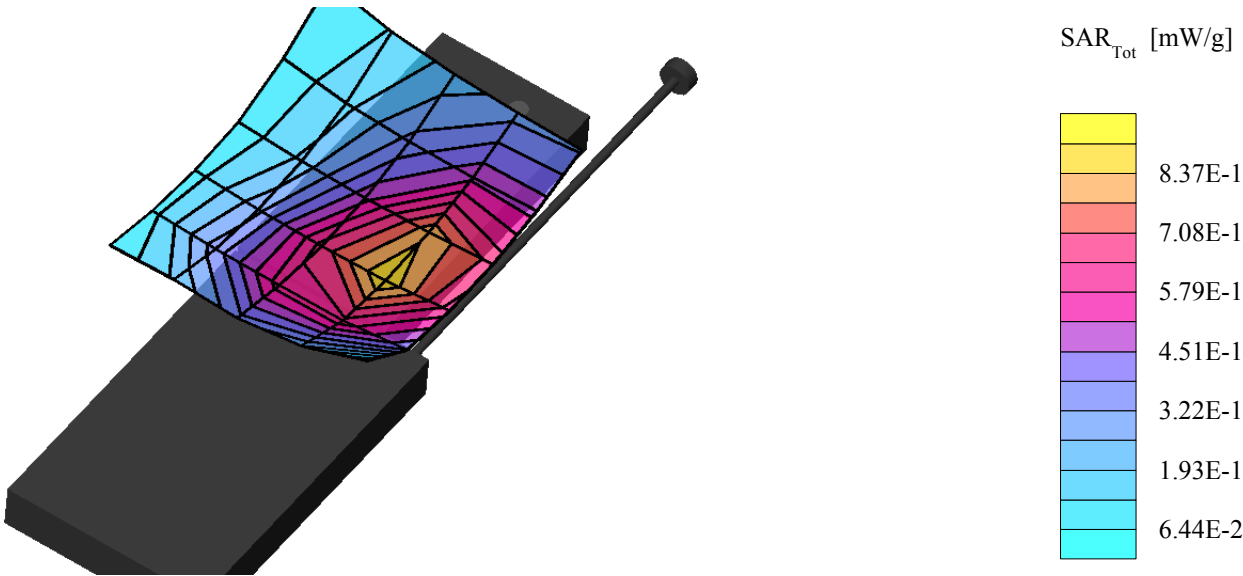
Head SAR - Left Cheek/Touch Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.10 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.13 dB  
SAR (1g): 0.849 mW/g, SAR (10g): 0.579 mW/g

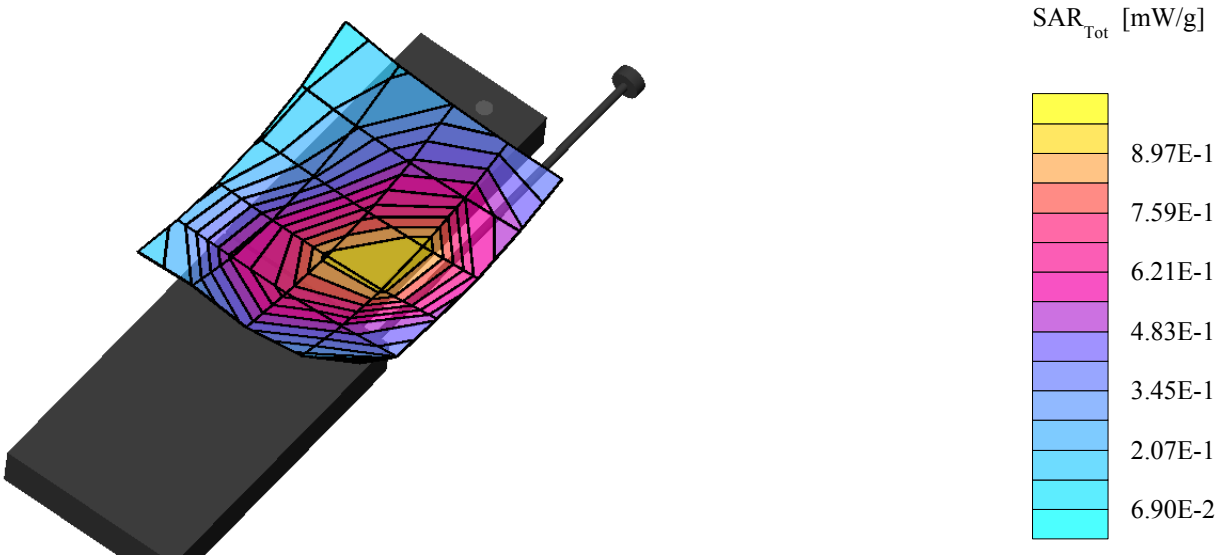
Head SAR - Left Cheek/Touch Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.06 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.07 dB  
SAR (1g): 0.973 mW/g, SAR (10g): 0.660 mW/g

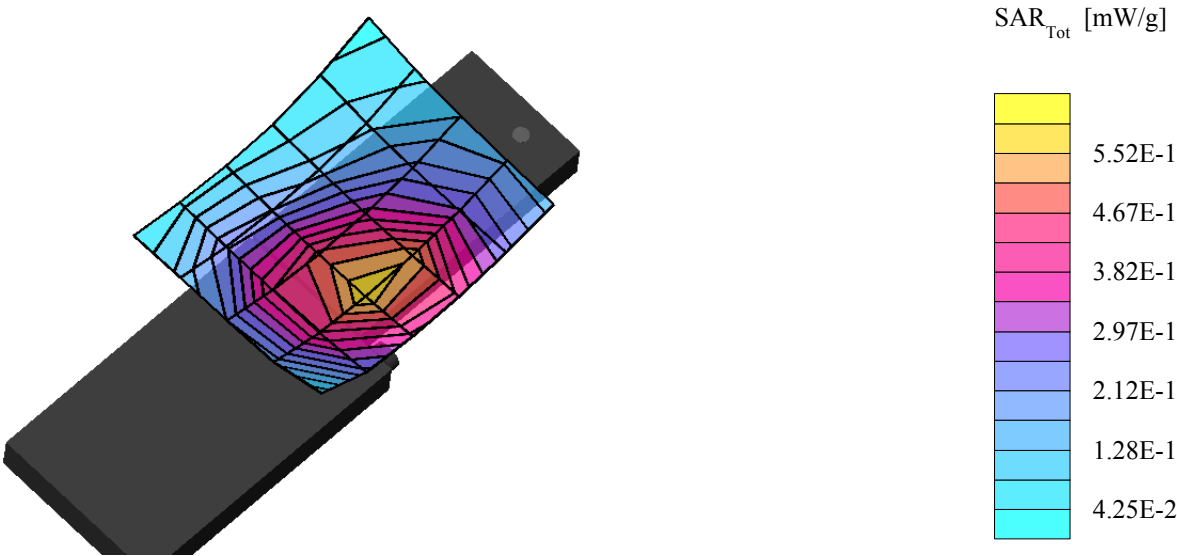
Head SAR - Left Cheek/Touch Position  
Antenna Out  
Extended Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.06 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.05 dB  
SAR (1g): 0.562 mW/g, SAR (10g): 0.383 mW/g

Head SAR - Left Cheek/Touch Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 777 [848.31 MHz]  
Conducted Power: 25.19 dBm  
Date Tested: January 9, 2002

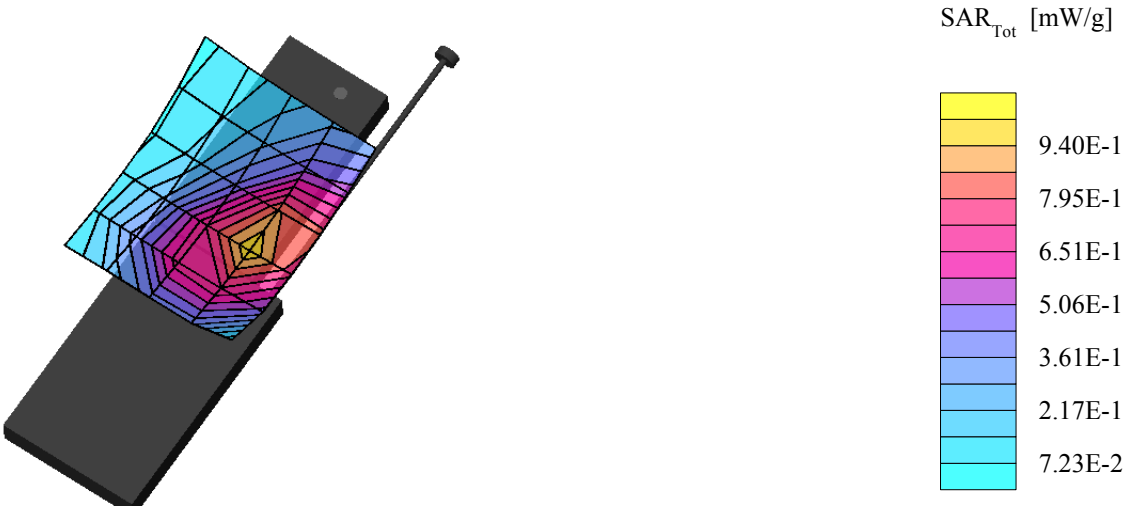




Withus IT Co. LTD. FCC ID: POQWCE-200

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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.14 dB  
SAR (1g): 0.941 mW/g, SAR (10g): 0.638 mW/g

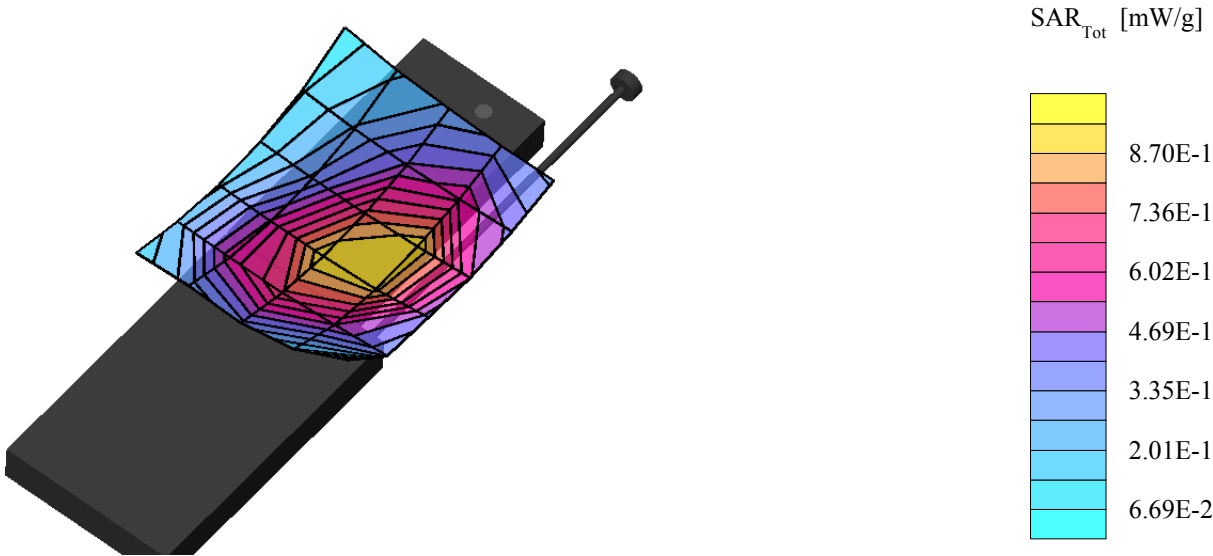
Head SAR - Left Cheek/Touch Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 777 [848.31 MHz]  
Conducted Power: 25.00 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: 0.00 dB  
SAR (1g): 0.980 mW/g, SAR (10g): 0.657 mW/g

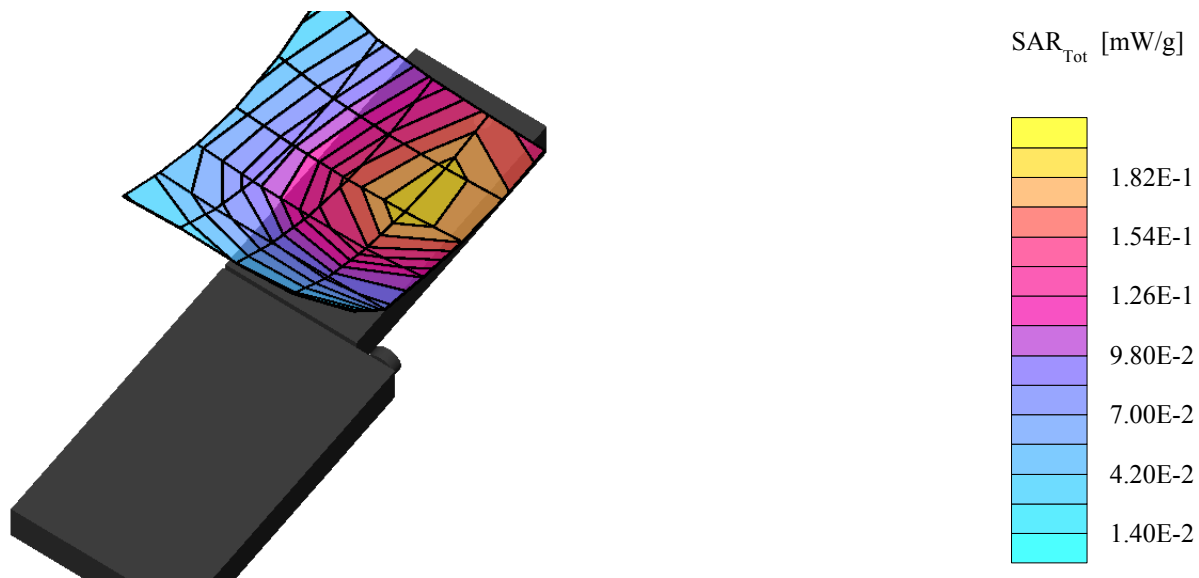
Head SAR - Left Cheek/Touch Position  
Antenna Out  
Extended Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 777 [848.31 MHz]  
Conducted Power: 25.00 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.08 dB  
SAR (1g): 0.208 mW/g, SAR (10g): 0.149 mW/g

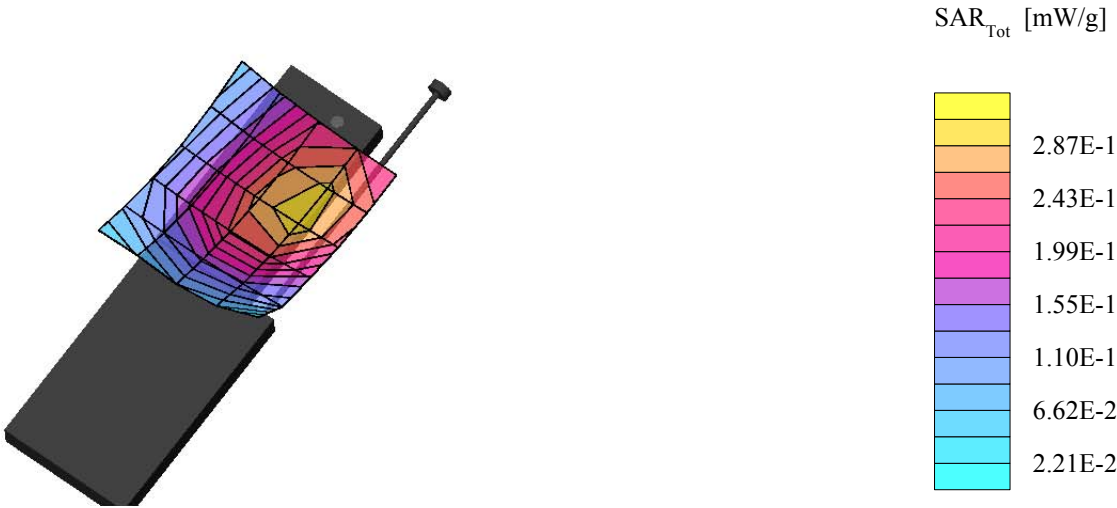
Head SAR - Left Ear/Tilt Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.04 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.10 dB  
SAR (1g): 0.299 mW/g, SAR (10g): 0.216 mW/g

Head SAR - Left Ear/Tilt Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.12 dBm  
Date Tested: January 9, 2002

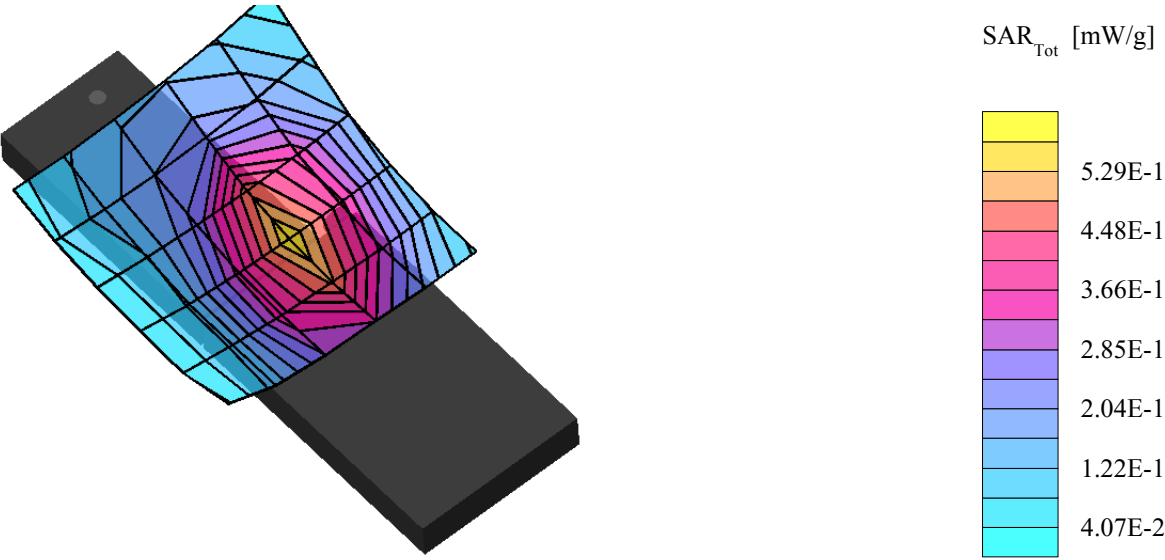


## **HEAD SAR TEST PLOTS - CDMA MODE - RIGHT EAR**

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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: 0.02 dB  
SAR (1g): 0.547 mW/g, SAR (10g): 0.357 mW/g

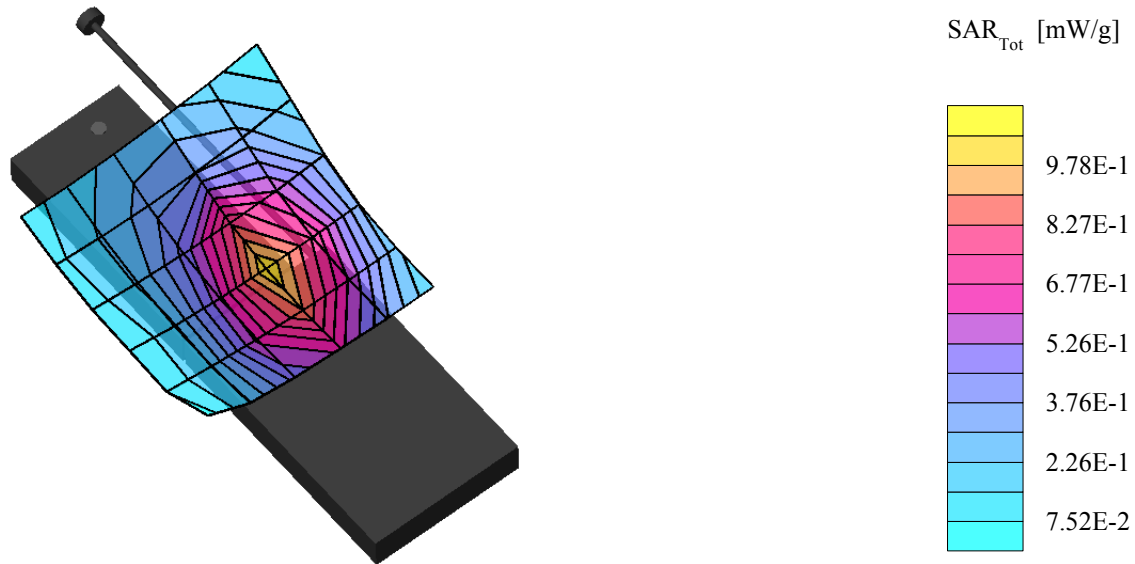
Head SAR - Right Cheek/Touch Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 1013 [824.70 MHz]  
Conducted Power: 25.07 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: 0.12 dB  
SAR (1g): 0.974 mW/g, SAR (10g): 0.645 mW/g

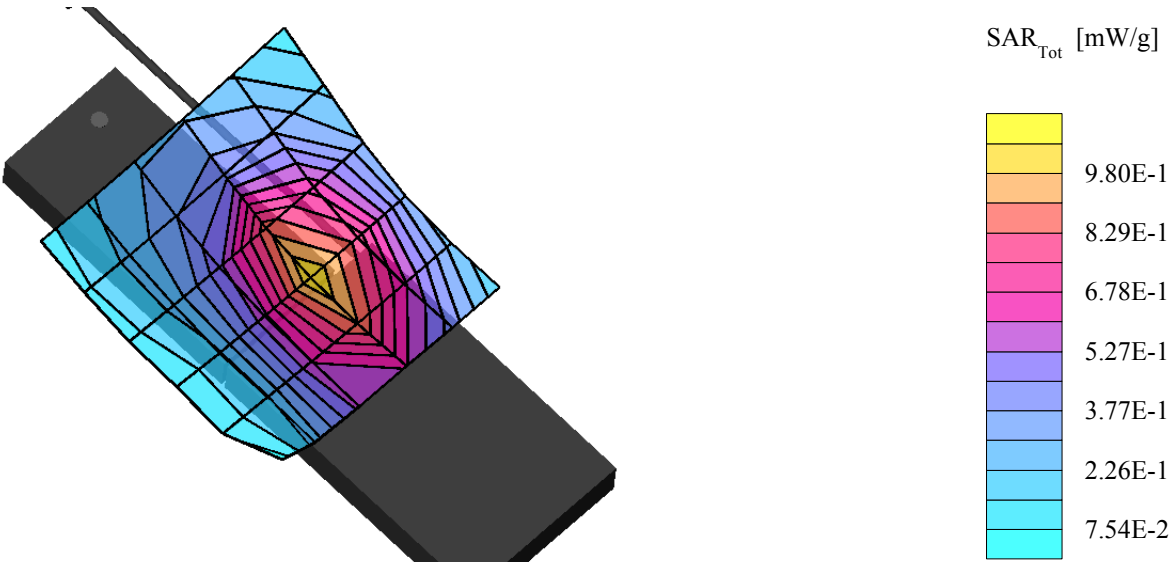
Head SAR - Right Cheek/Touch Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 1013 [824.70 MHz]  
Conducted Power: 25.02 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: 0.08 dB  
SAR (1g): 0.990 mW/g, SAR (10g): 0.658 mW/g

Head SAR - Right Cheek/Touch Position  
Antenna Out  
Extended Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 1013 [824.70 MHz]  
Conducted Power: 25.00 dBm  
Date Tested: January 9, 2002

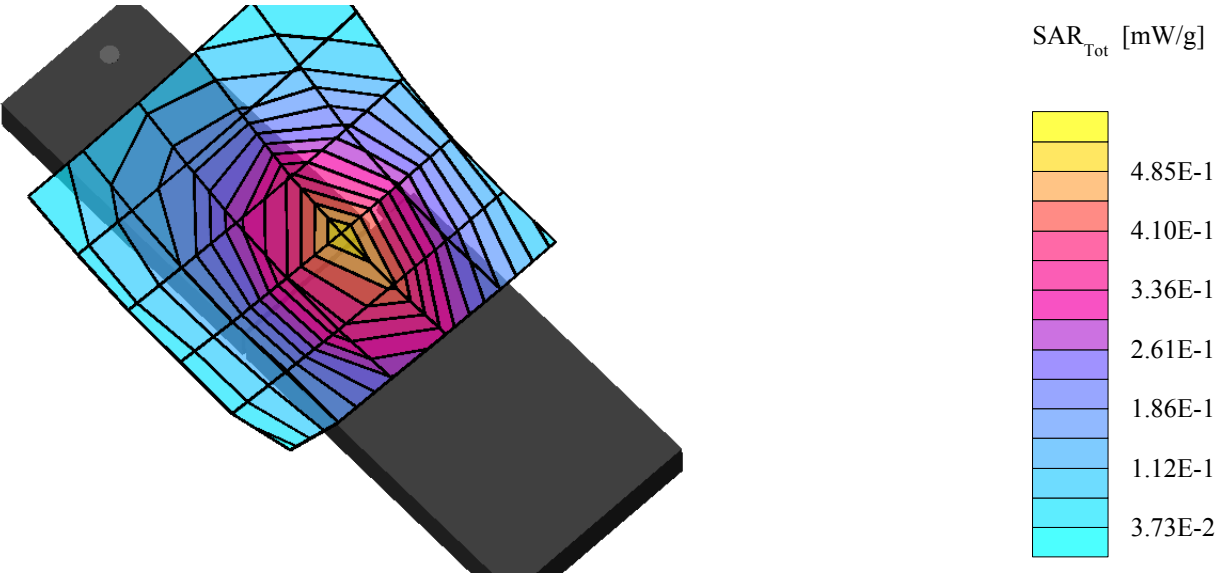




Withus IT Co. LTD. FCC ID: POQWCE-200

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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.02 dB  
SAR (1g): 0.485 mW/g, SAR (10g): 0.326 mW/g

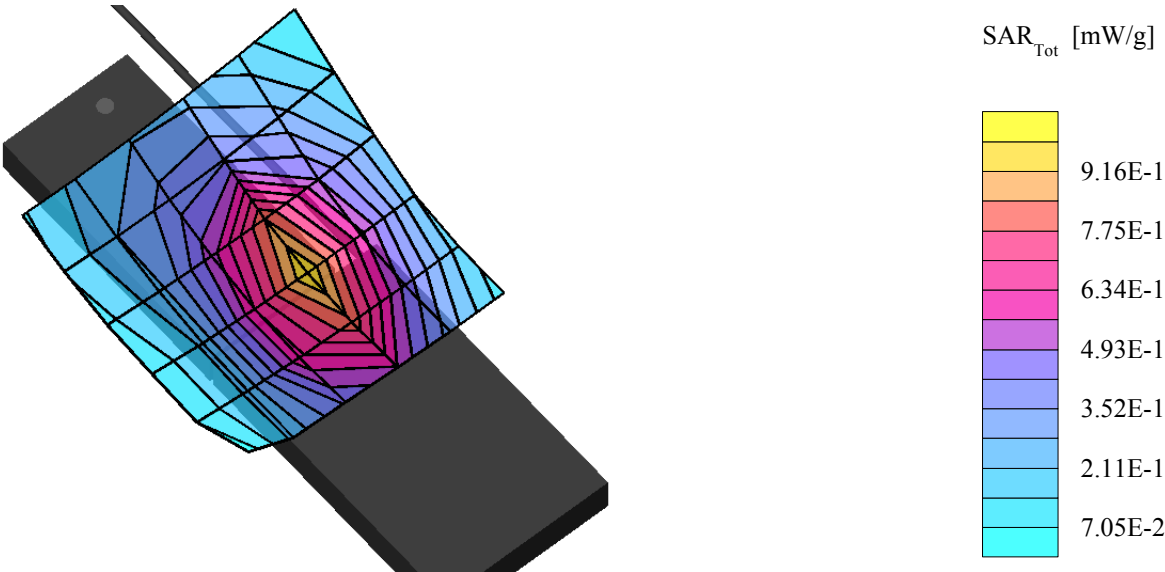
Head SAR - Right Cheek/Touch Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.02 dBm  
Date Tested: January 9, 2002



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  $\epsilon_r = 41.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.12 dB  
SAR (1g): 0.907 mW/g, SAR (10g): 0.601 mW/g

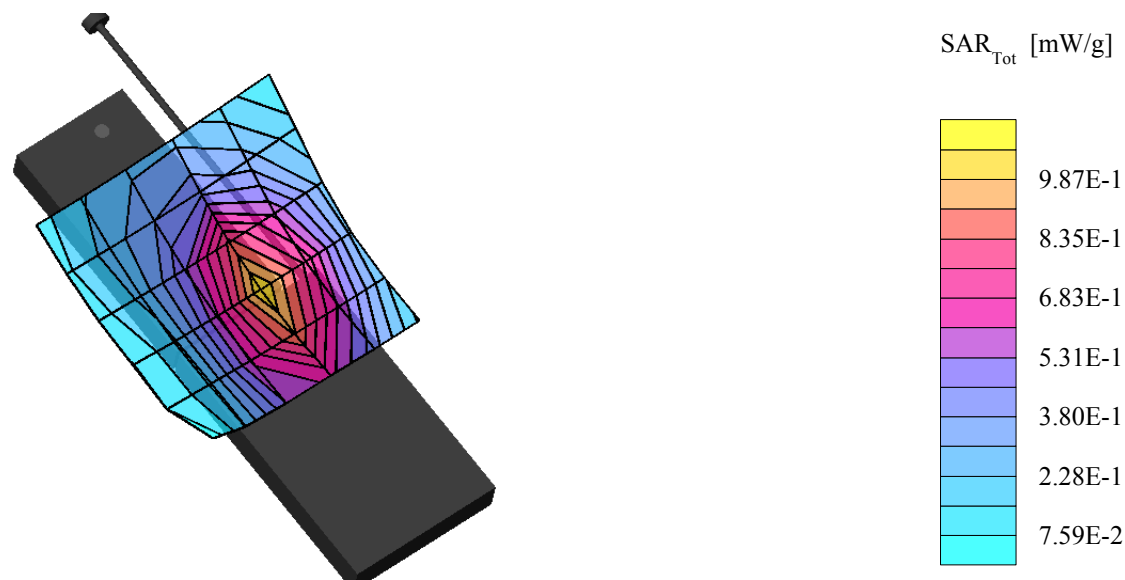
Head SAR - Right Cheek/Touch Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.07 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.09 dB  
SAR (1g): 1.01 mW/g, SAR (10g): 0.662 mW/g

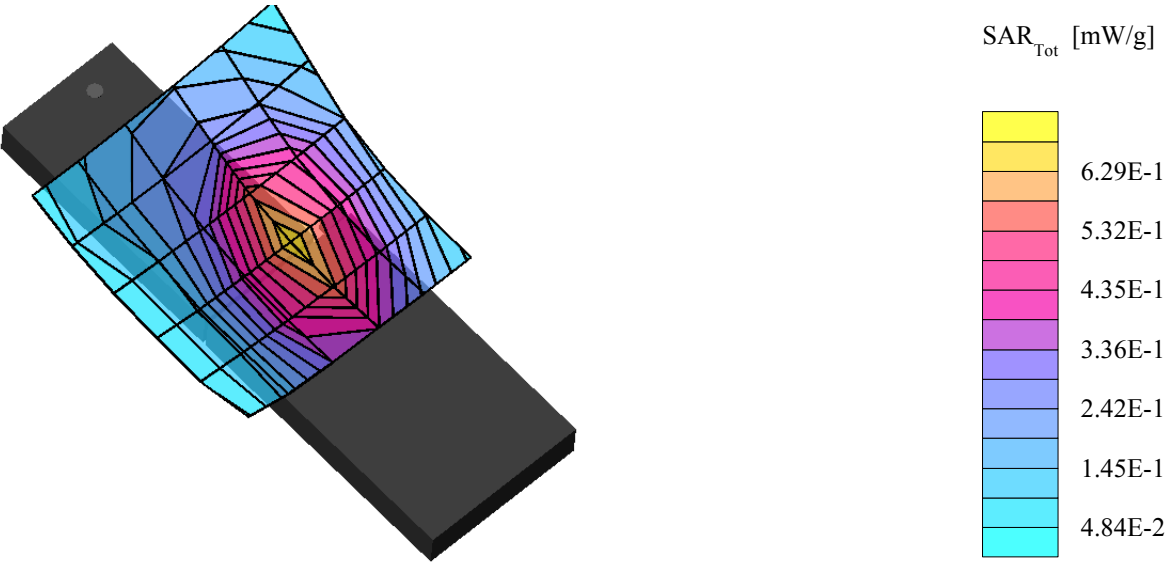
Head SAR - Right Cheek/Touch Position  
Antenna Out  
Extended Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.03 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.15 dB  
SAR (1g): 0.593 mW/g, SAR (10g): 0.392 mW/g

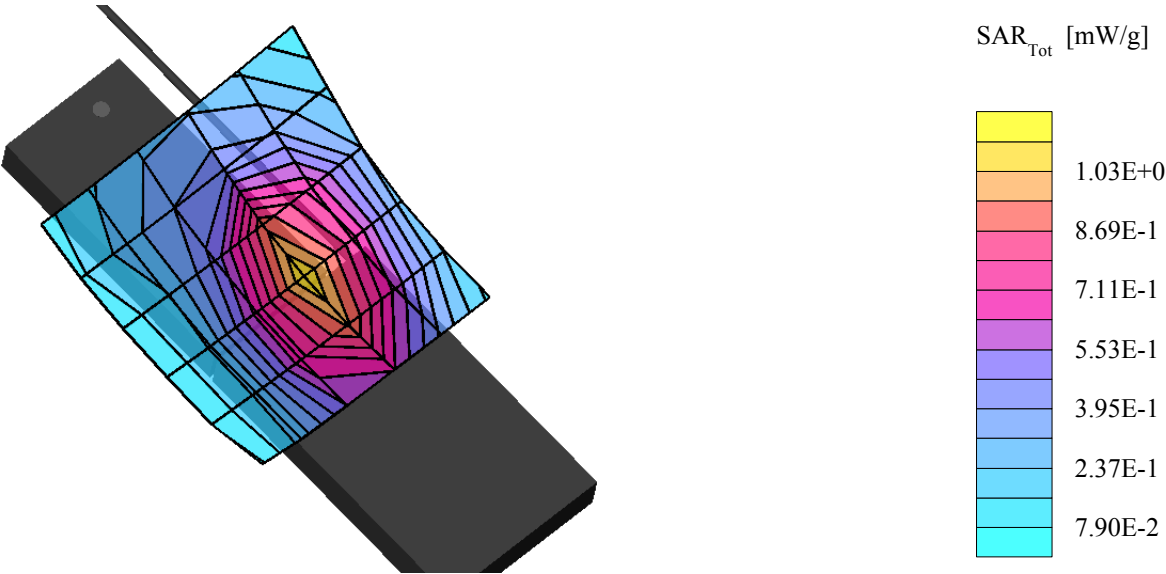
Head SAR - Right Cheek/Touch Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 777 [848.31 MHz]  
Conducted Power: 25.08 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.11 dB  
SAR (1g): 0.981 mW/g, SAR (10g): 0.651 mW/g

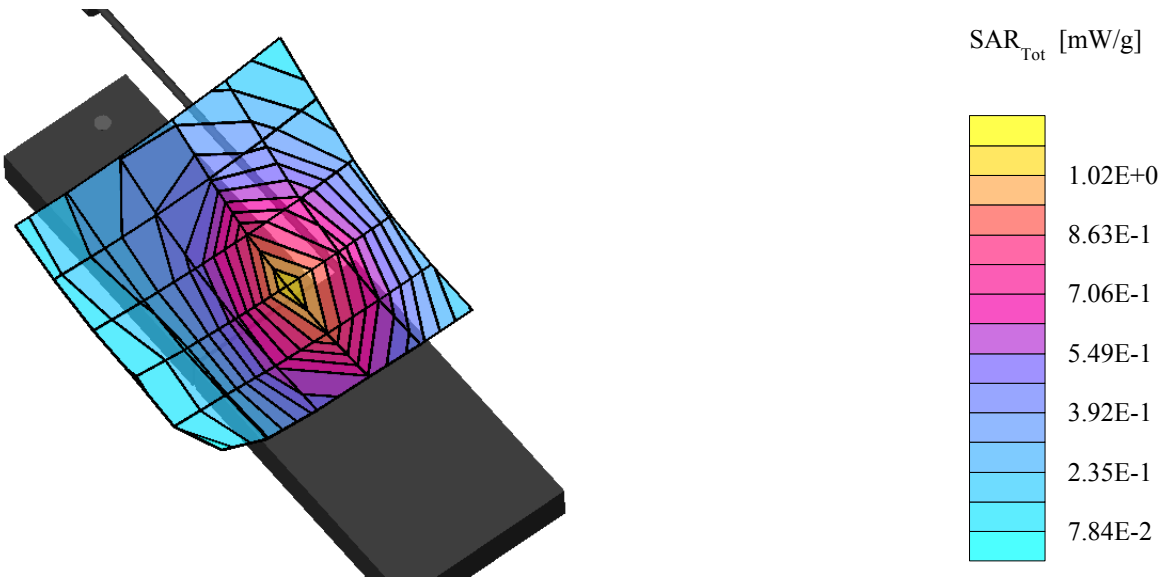
Head SAR - Right Cheek/Touch Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 777 [848.31 MHz]  
Conducted Power: 25.10 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.07 dB  
SAR (1g): 1.02 mW/g, SAR (10g): 0.675 mW/g

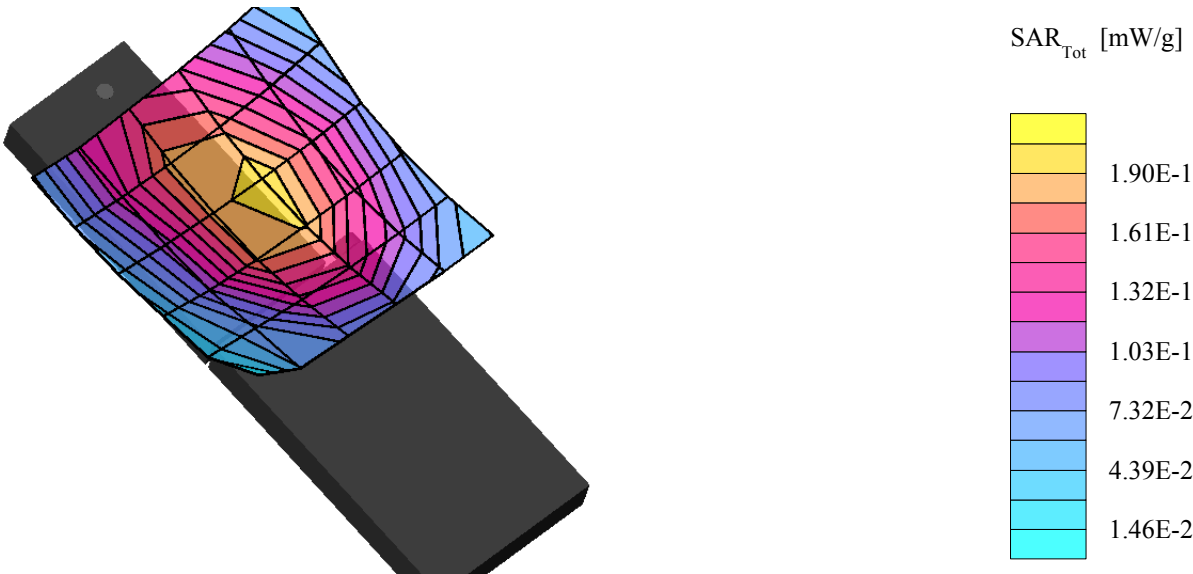
Head SAR - Right Cheek/Touch Position  
Antenna Out  
Extended Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 777 [848.31 MHz]  
Conducted Power: 25.04 dBm  
Date Tested: January 9, 2002



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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.20 dB  
SAR (1g): 0.196 mW/g, SAR (10g): 0.139 mW/g

Head SAR - Right Ear/Tilt Position  
Antenna In  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.15 dBm  
Date Tested: January 9, 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:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 41.2$   $\rho = 1.00 \text{ g/cm}^3$   
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Cube 5x5x7; Powerdrift: -0.08 dB  
SAR (1g): 0.356 mW/g, SAR (10g): 0.256 mW/g

Head SAR - Right Ear/Tilt Position  
Antenna Out  
Standard Battery  
Withus Model: WCE-200  
CDMA Mode  
Channel 363 [835.89 MHz]  
Conducted Power: 25.05 dBm  
Date Tested: January 9, 2002

