

WCDMA 1900 Left Cheek Low

Date: 2013-9-10

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1922.4$ MHz; $\sigma = 1.421$ mho/m; $\epsilon_r = 39.878$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5oC Liquid Temperature: 22.0oC

Communication System: WCDMA 1900 Frequency: 1922.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(8.01, 8.01, 8.01)

Cheek Low/Area Scan (61x111x1): Interpolated grid: dx=1.00 mm, dy=1.00 mm

Maximum value of SAR (interpolated) = 0.607 W/kg

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.633 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.595 W/kg

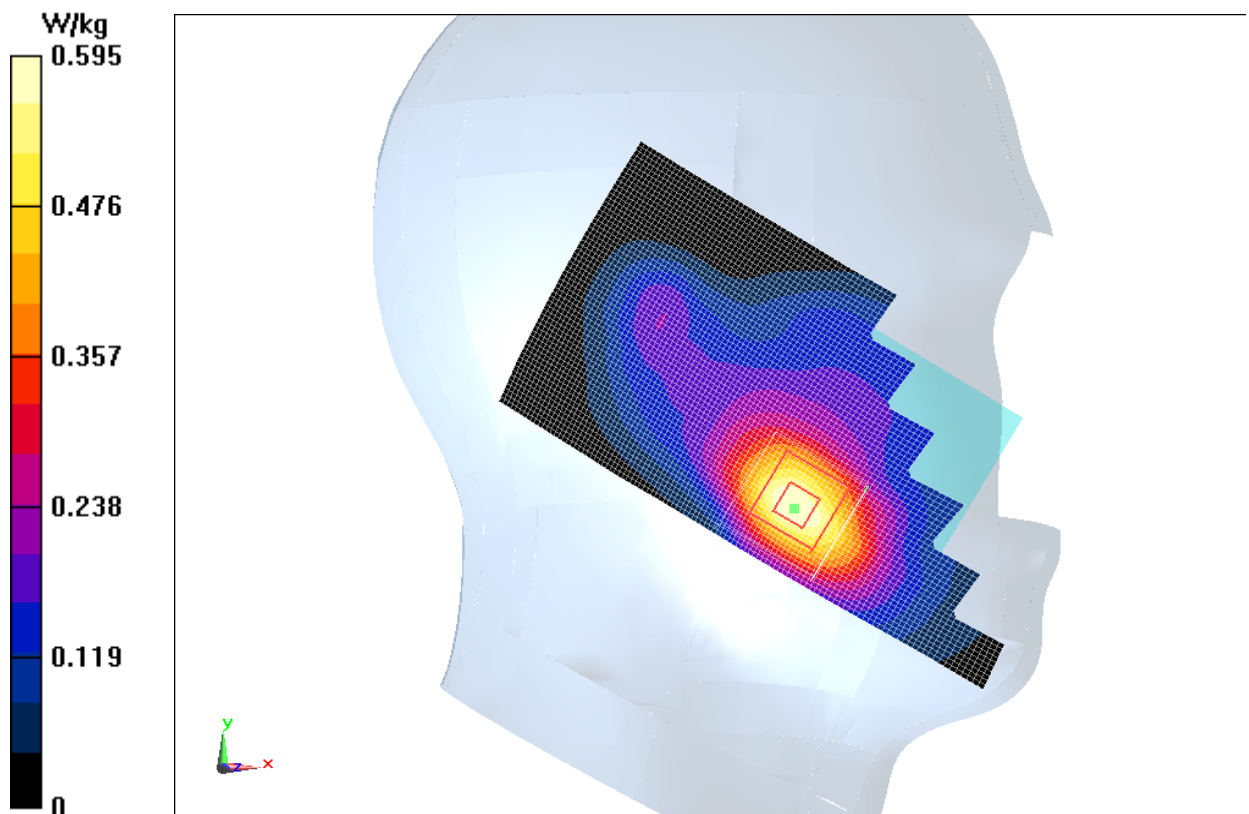


Fig.J.7 WCDMA 190MHz Head CH9262

WCDMA 1900 Body Rear Middle

Date: 2013-9-10

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.520$ mho/m; $\epsilon_r = 53.43$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5oC Liquid Temperature: 22.0oC

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(7.37, 7.37, 7.37)

Toward Ground Middle/Area Scan (61x111x1): Interpolated grid: dx=1.00 mm, dy=1.00 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.490 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.593 W/kg

Maximum value of SAR (measured) = 1.08 W/kg

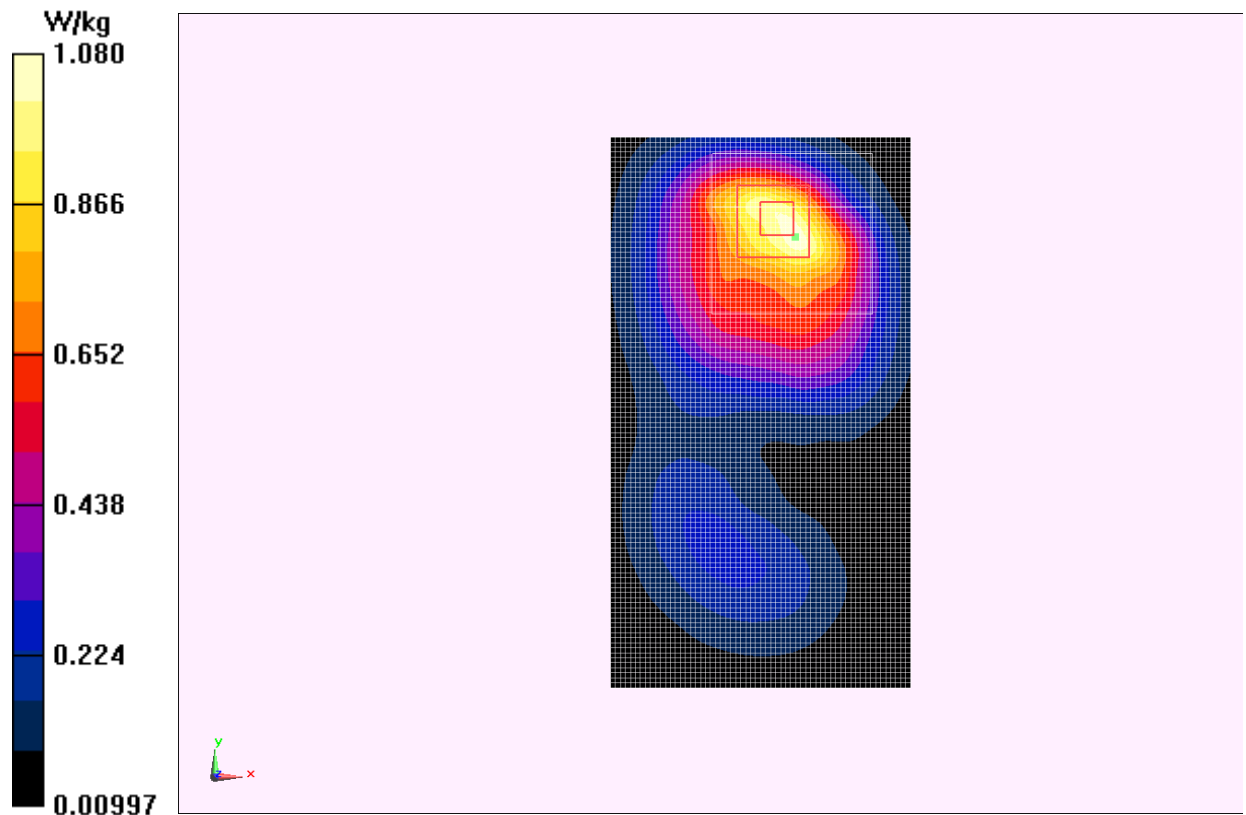


Fig.J.8 WCDMA 1900MHz Body CH9400