

Dipole 1900 MHz

Continuous Wave, 1900 MHz; Crest factor: 1.0

Phantom: SAM High Band; Section:

Medium Name: Head 1900 MHz: $\sigma = 1.49$ mho/m $\epsilon_r = 37.9$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

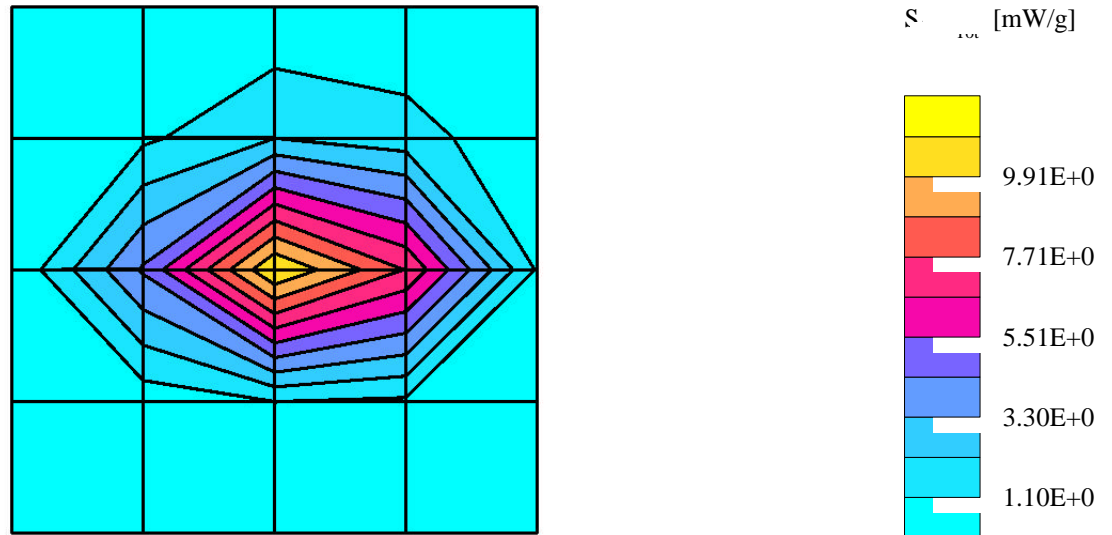
Cube 5x5x7: SAR (1g): 10.1 mW/g, SAR (10g): 5.28 mW/g, (Advanced extrapolation)

Area Scan: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.01 dB

Temperature (°C) = 22 ± 1

Filename: Head - 29-04-04 - 1



Dipole 1900 MHz

Continuous Wave, 1900 MHz; Crest factor: 1.0

Phantom: SAM High Band; Section:

Medium Name: Head 1900 MHz: $\sigma = 1.48$ mho/m $\epsilon_r = 38.7$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

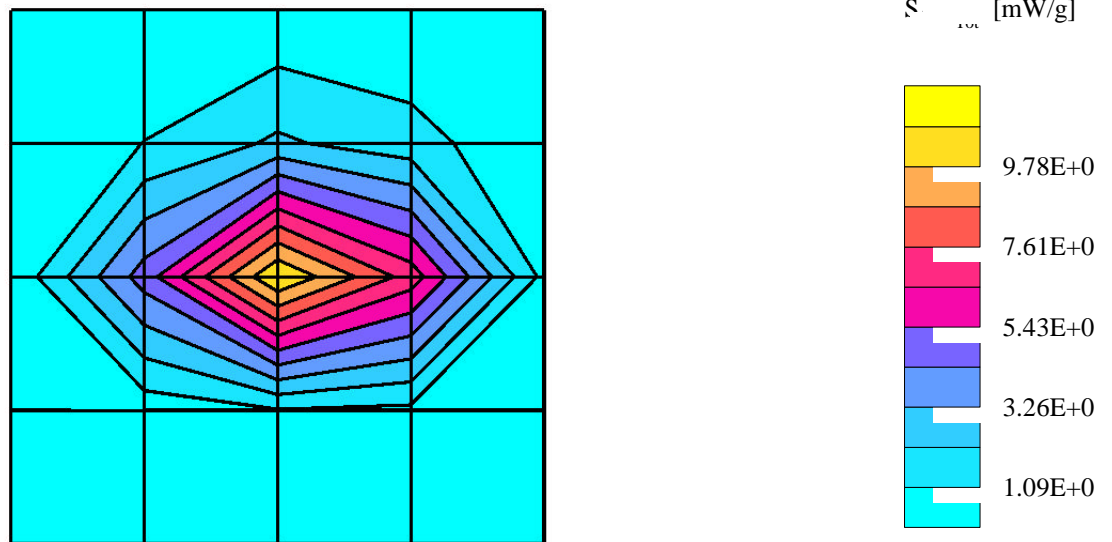
Cube 5x5x7: SAR (1g): 9.94 mW/g, SAR (10g): 5.24 mW/g, (Advanced extrapolation)

Area Scan: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.10 dB

Temperature (°C) = 22 ± 1

Filename: Head - 03-05-04 - 2



Dipole 1900 MHz

Continuous Wave, 1900 MHz; Crest factor: 1.0

Phantom: SAM High Band; Section:

Medium Name: Head 1900 MHz: $\sigma = 1.49$ mho/m $\epsilon_r = 38.4$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

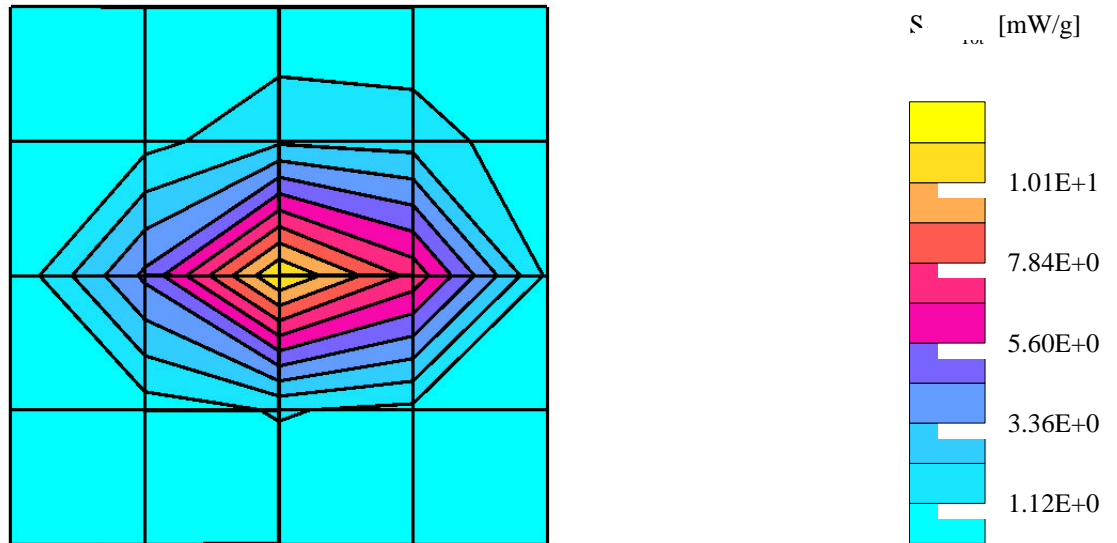
Cube 5x5x7: SAR (1g): 10.1 mW/g, SAR (10g): 5.30 mW/g, (Advanced extrapolation)

Area Scan: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.20 dB

Temperature (°C) = 22 ± 1

Filename: Head - 04-05-04 - 1



Dipole 1900 MHz

Continuous Wave, 1900 MHz; Crest factor: 1.0

Phantom: SAM Body; Section:

Medium Name: Body 1900 MHz: $\sigma = 1.60$ mho/m $\epsilon_r = 50.9$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.33,4.33,4.33)

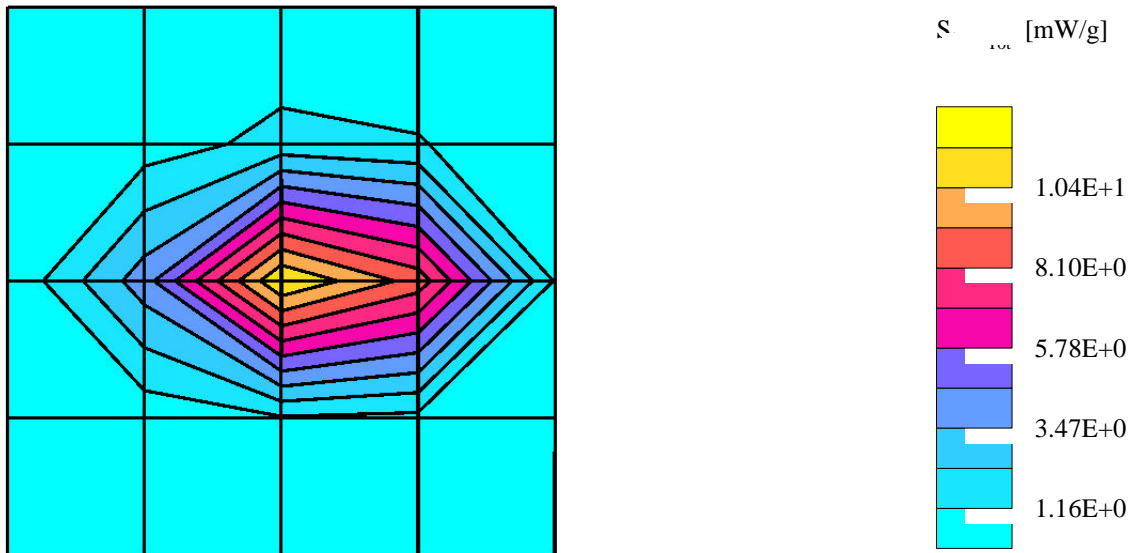
Cube 5x5x7: SAR (1g): 10.4 mW/g, SAR (10g): 5.48 mW/g, (Advanced extrapolation)

Area Scan: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.07 dB

Temperature (°C) = 22 ± 1

Filename: Body - 04-05-04 - 1



APPENDIX B: MEASUREMENT SCANS

See the following pages.

RH-37

Mode: GSM; CH 661 = 1880.0 MHz; Crest factor: 8.0

Phantom: SAM High Band; Section: Left Hand

Medium Name: Head 1900 MHz: $\sigma = 1.47$ mho/m $\epsilon_r = 38.1$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

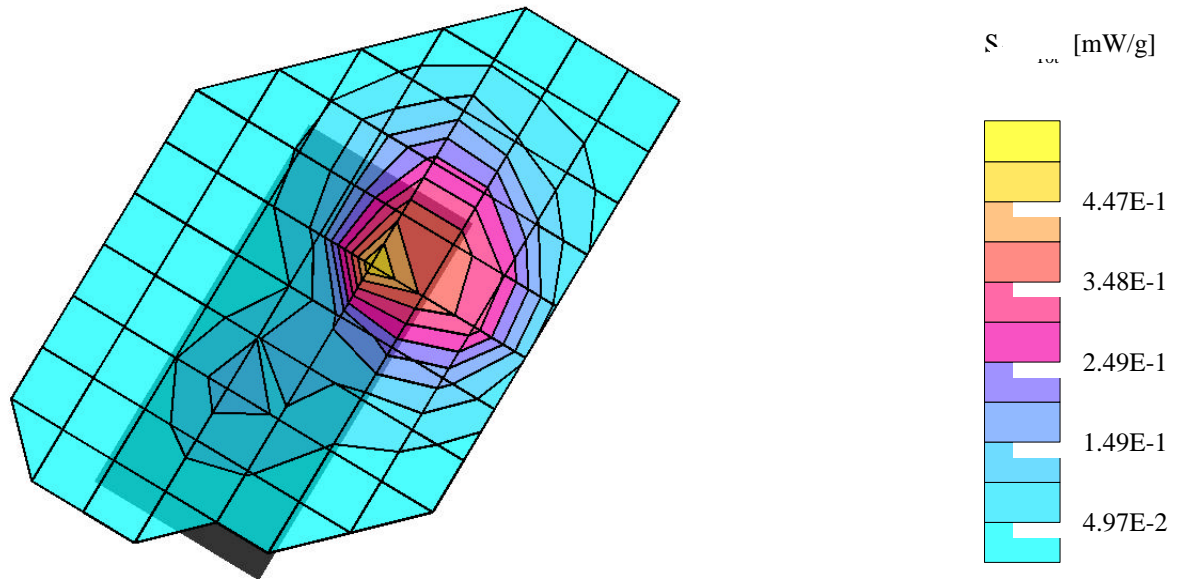
Cube 5x5x7: SAR (1g): 0.565 mW/g, SAR (10g): 0.297 mW/g, (Worst-case extrapolation)

Coarse Scan: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.09 dB

Temperature (°C) = 22 ± 1

Filename: Left-Cheek-GSM1900-Antenna in-CH 661



RH-37

Mode: GSM; CH 661 = 1880.0 MHz; Crest factor: 8.0

Phantom: SAM High Band; Section: Left Hand

Medium Name: Head 1900 MHz: $\sigma = 1.47$ mho/m $\epsilon_r = 38.1$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

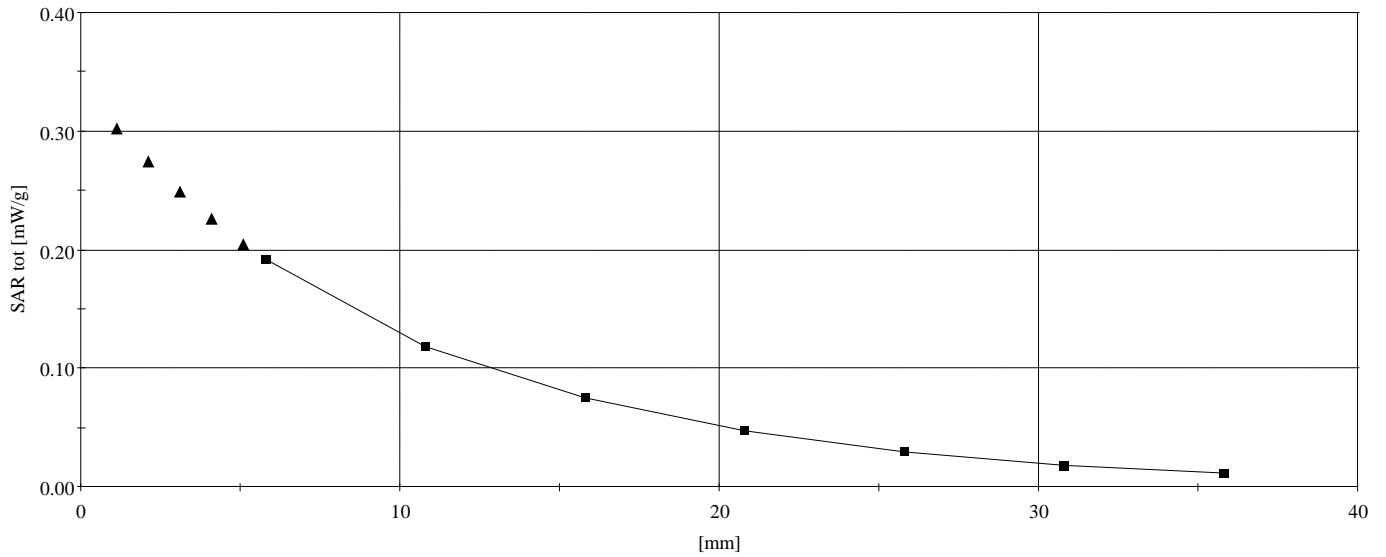
Cube 5x5x7: SAR (1g): 0.565 mW/g, SAR (10g): 0.297 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Powerdrift: -0.09 dB

Temperature (°C) = 22 ± 1

Filename: Left-Cheek-GSM1900-Antenna in-CH 661



RH-37

Mode: GSM; CH 661 = 1880.0 MHz; Crest factor: 8.0

Phantom: SAM High Band; Section: Left Hand

Medium Name: Head 1900 MHz: $\sigma = 1.47$ mho/m $\epsilon_r = 38.1$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

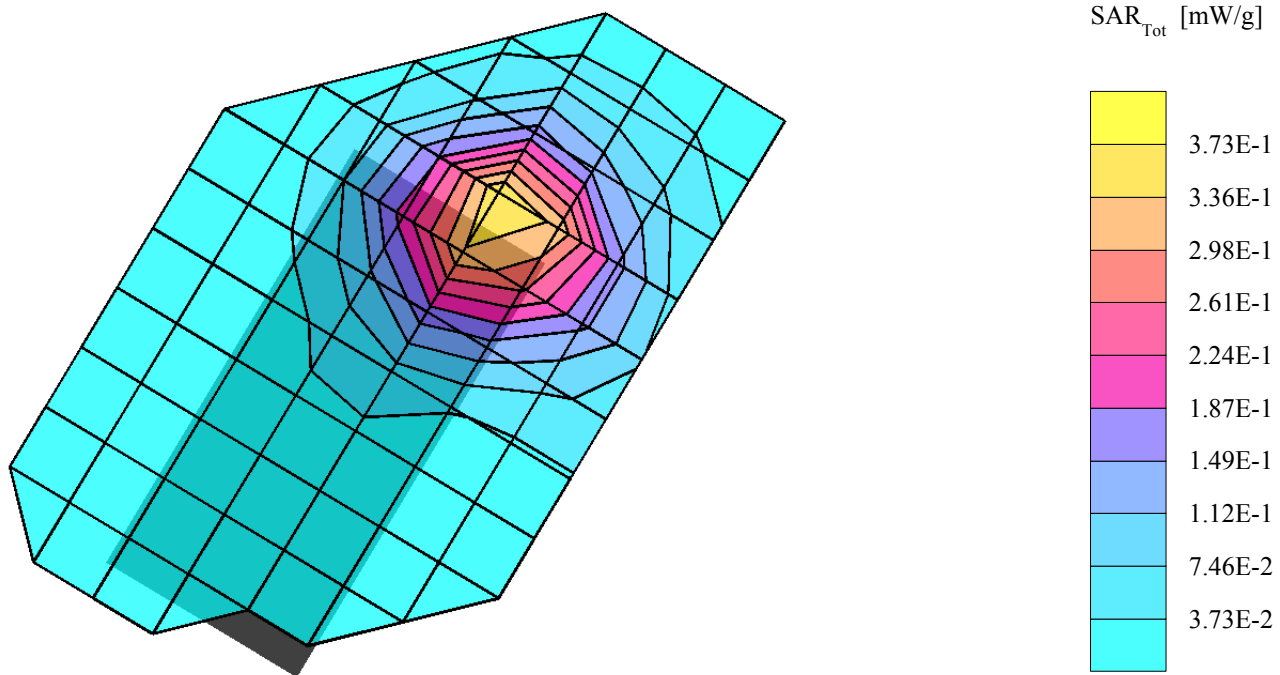
Cube 5x5x7: SAR (1g): 0.394 mW/g, SAR (10g): 0.223 mW/g, (Worst-case extrapolation)

Coarse Scan: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.05 dB

Temperature (°C) = 22 ± 1

Filename: Left-Tilted-GSM1900-Antenna in-CH 661



RH-37

Mode: GSM; CH 661 = 1880.0 MHz; Crest factor: 8.0

Phantom: SAM High Band; Section: Right Hand

Medium Name: Head 1900 MHz: $\sigma = 1.47$ mho/m $\epsilon_r = 38.1$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

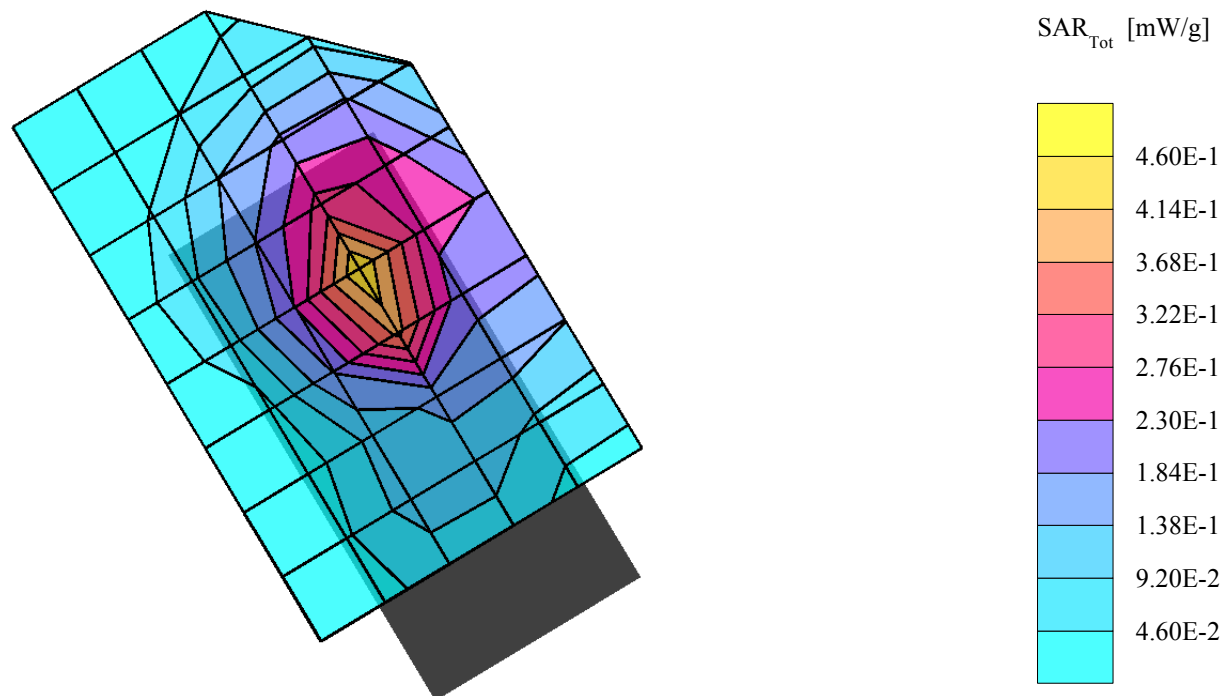
Cube 5x5x7: SAR (1g): 0.478 mW/g, SAR (10g): 0.266 mW/g, (Worst-case extrapolation)

Coarse Scan: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.11 dB

Temperature (°C) = 22 ±1

Filename: Right-Cheek-GSM1900-Antenna in-CH 661



RH-37

Mode: GSM; CH 661 = 1880.0 MHz; Crest factor: 8.0

Phantom: SAM High Band; Section: Right Hand

Medium Name: Head 1900 MHz: $\sigma = 1.47$ mho/m $\epsilon_r = 38.1$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.87,4.87,4.87)

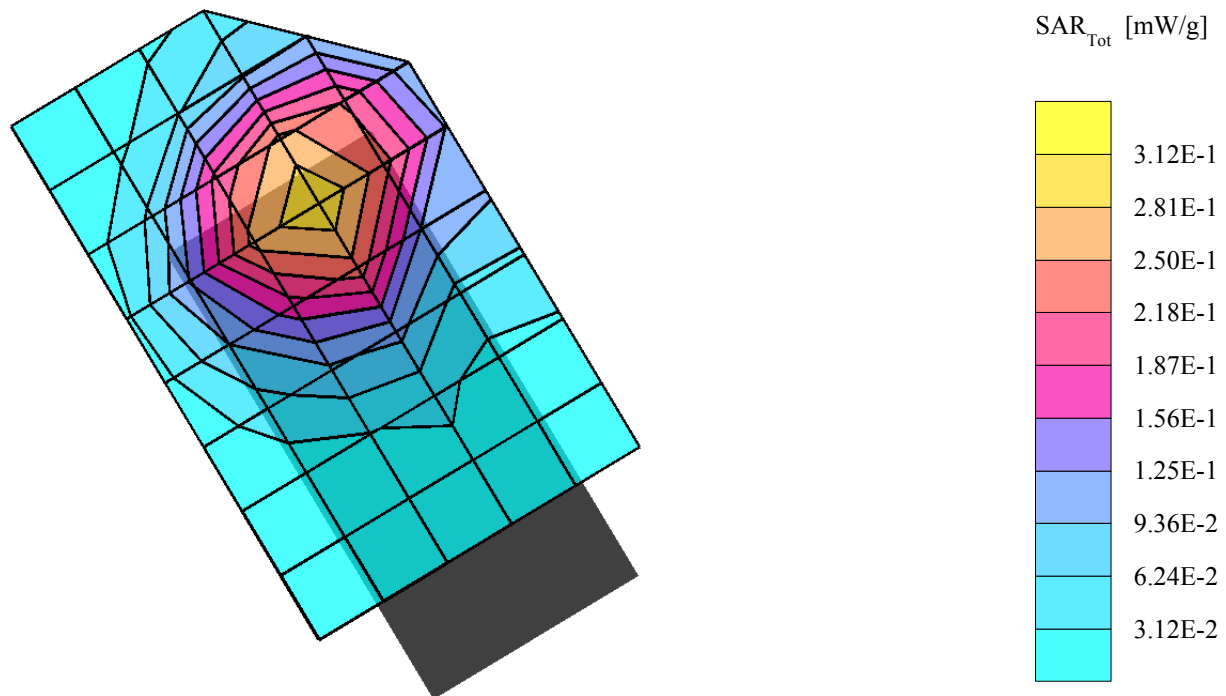
Cube 5x5x7: SAR (1g): 0.324 mW/g, SAR (10g): 0.192 mW/g, (Worst-case extrapolation)

Coarse Scan: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.09 dB

Temperature (°C) = 22 ±1

Filename: Right-Tilted-GSM1900-Antenna in-CH 661



RH-37

Mode: GPRS, 1 Downlink 2 Uplink; CH 810 = 1909.8 MHz; Crest factor: 4.0

Phantom: SAM Body; Section: Flat

Medium Name: Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.9$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.33,4.33,4.33)

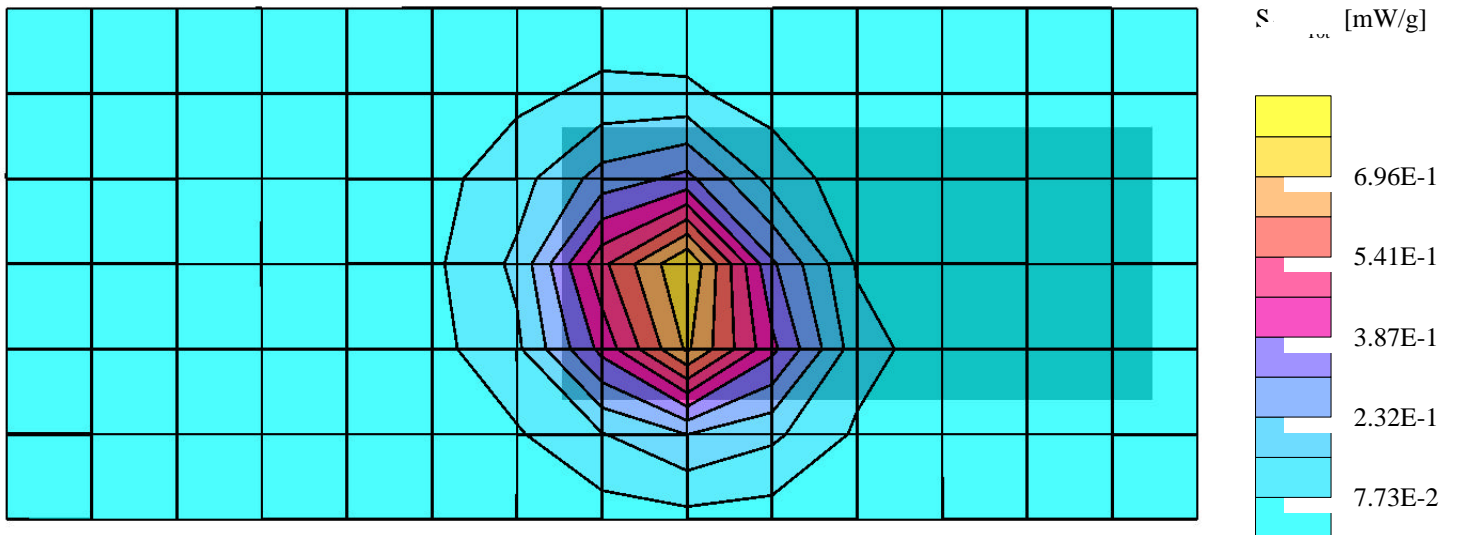
Cube 5x5x7: SAR (1g): 0.828 mW/g, SAR (10g): 0.458 mW/g, (Worst-case extrapolation)

Body: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.04 dB

Temperature (°C) = 22 ±1

Filename: Body-GPRS1900-Antenna in-LPS 4-CH 810



RH-37

Mode: GPRS, 1 Downlink 2 Uplink; CH 810 = 1909.8 MHz; Crest factor: 4.0

Phantom: SAM Body; Section: Flat

Medium Name: Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 50.9$ $\rho = 1.00$ g/cm³

Probe: ET3DV6R - SN1429; ConvF(4.33,4.33,4.33)

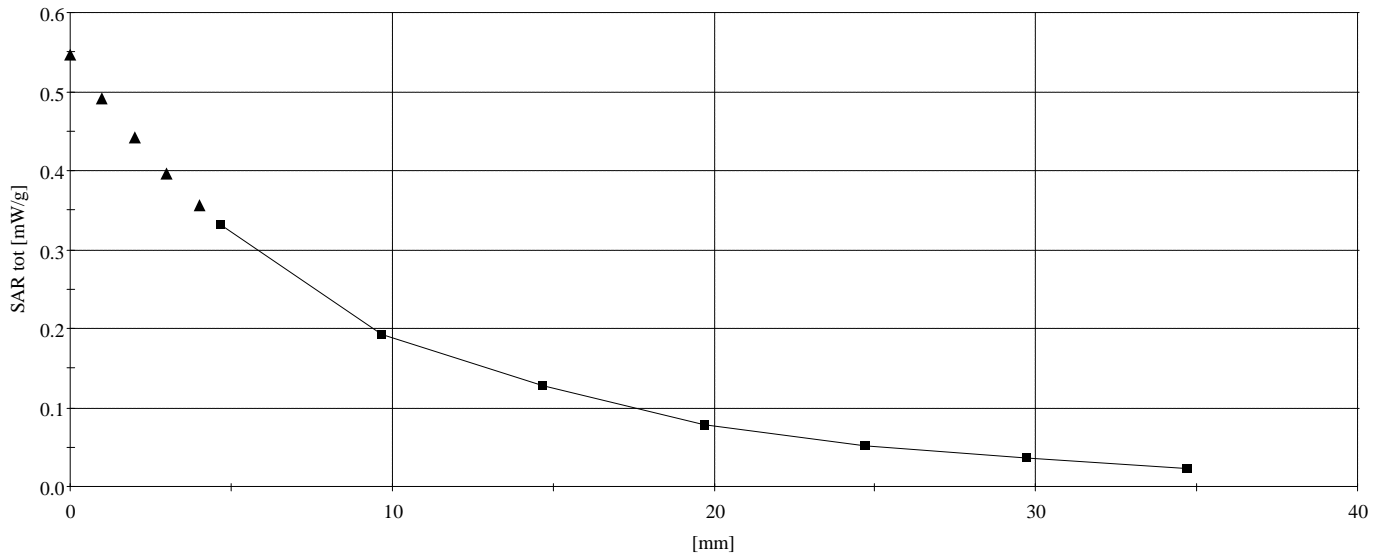
Cube 5x5x7: SAR (1g): 0.828 mW/g, SAR (10g): 0.458 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Powerdrift: -0.04 dB

Temperature (°C) = 22 ± 1

Filename: Body-GPRS1900-Antenna in-LPS 4-CH 810



APPENDIX C: RELEVANT PAGES FROM PROBE CALIBRATION REPORT(S)

See the following pages.