

APPENDIX A – SAR TEST PLOTS

12/26/01

GMRS-1500XTM

SAM TP1019 Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1608; ConvF(7.13,7.13,7.13); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.84$ mho/m $\epsilon_r = 45.2$ $\rho = 1.00$ g/cm³

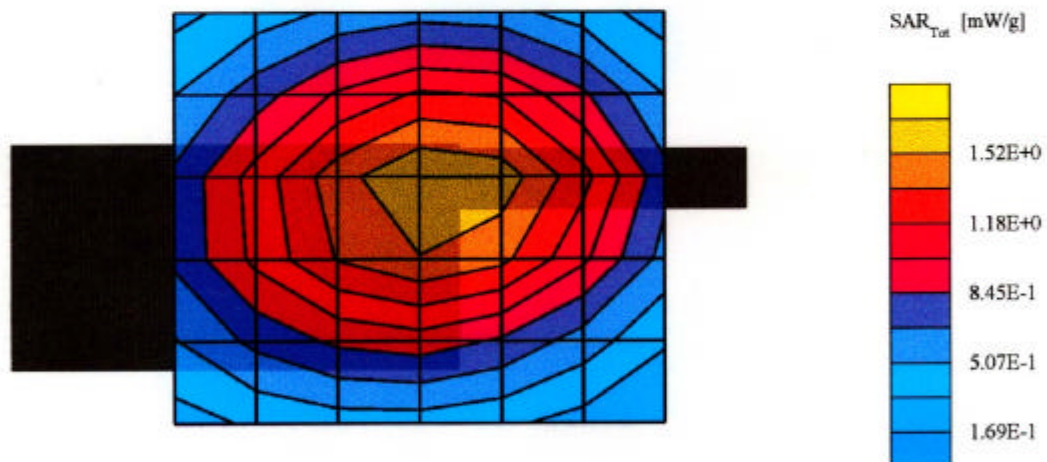
Cube 5x5x7: SAR (1g): 1.62 mW/g, SAR (10g): 1.16 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.20 dB

Comment : Face- Held

Channel: 1 (462.5625MHz)



HYUNDAI C-Tech Co., Ltd.

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Probe: ET3DV6 - SN1608; ConvF(7.13,7.13,7.13); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.84 \text{ mho/m}$ $\epsilon_r = 45.2$ $\rho = 1.00 \text{ g/cm}^3$

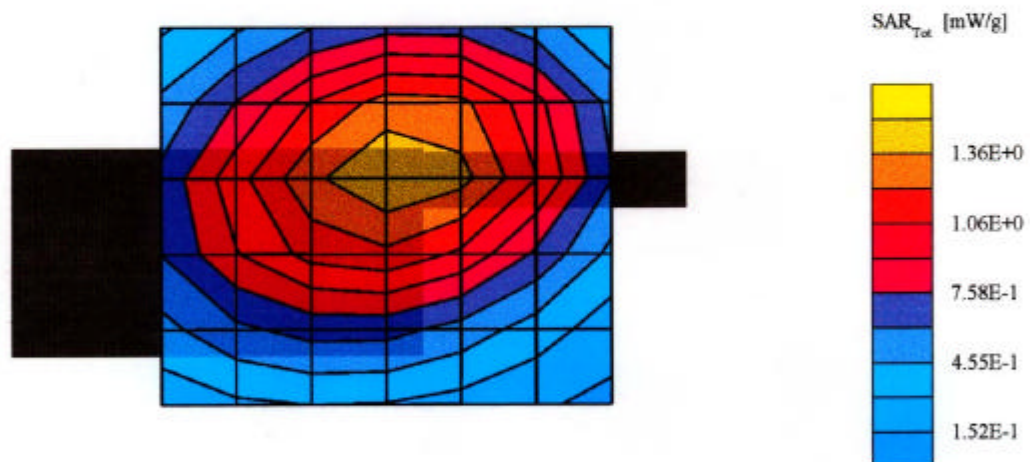
Cube 5x5x7: SAR (1g): 1.43 mW/g, SAR (10g): 1.02 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.29 dB

Comment : Face- Held

Channel: 10 (462.6750MHz)



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Probe: ET3DV6 - SN1608; ConvF(7.13, 7.13, 7.13); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.84 \text{ mho/m}$, $\epsilon_r = 45.2$, $\rho = 1.00 \text{ g/cm}^3$

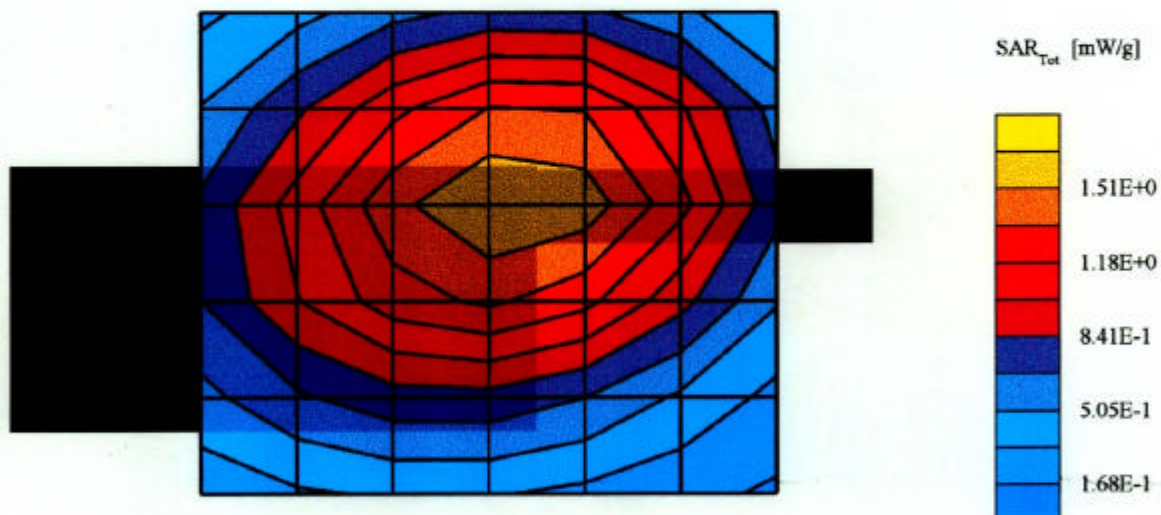
Cube 5x5x7; SAR (1g): 1.61 mW/g, SAR (10g): 1.16 mW/g, (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.17 dB

Comment : Face- Held

Channel: 15 (462.7250MHz)



HYUNDAI C-Tech Co., Ltd.

01/02/02

GMRS-1500XTM

SAM TP1019 Phantom; Flat Section; Position: (90°, 90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1608; ConvF(7.70, 7.70, 7.70); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 58.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.58 mW/g, SAR (10g): 1.13 mW/g,

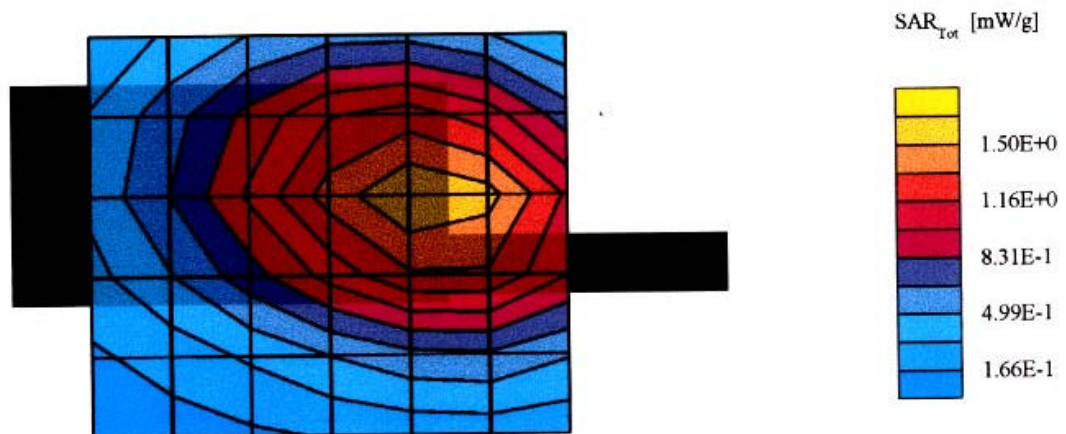
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Peak: 2.29 mW/g; Powerdrift: -0.18 dB

Comment :

Body- Worn

Channel: 1 (462.5625MHz)



HYUNDAI Calibration & Certification Technologies Co., Ltd.

01/02/02

GMRS-1500XTM

SAM TP1019 Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1608; ConvF(7.70,7.70,7.70); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 58.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.68 mW/g, SAR (10g): 1.20 mW/g,

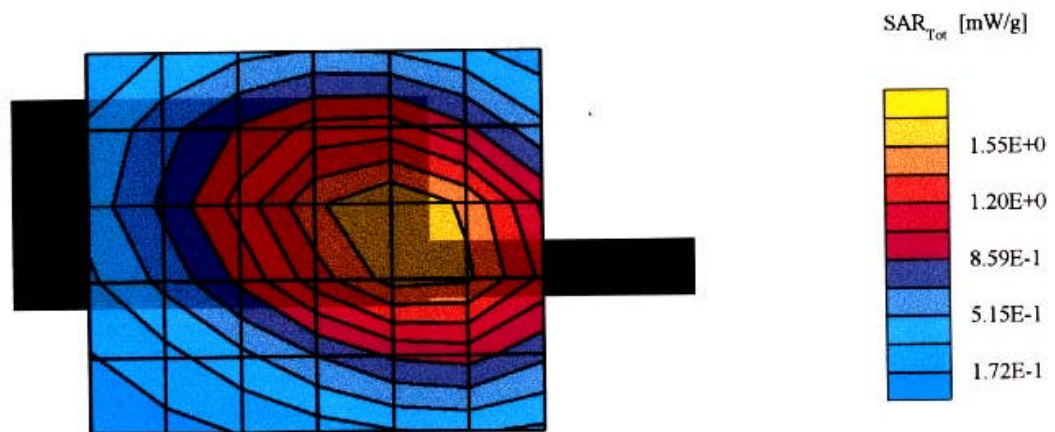
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Peak: 2.44 mW/g; Powerdrift: -0.16 dB

Comment :

Body- Worn

Channel: 10 (462.6750MHz)



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01/02/02

GMRS-1500XTM

SAM TP1019 Phantom; Flat Section; Position: (90°, 90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1608; ConvF(7.70, 7.70, 7.70); Crest factor: 1.0; Muscle 450 MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 58.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 2.02 mW/g, SAR (10g): 1.45 mW/g,

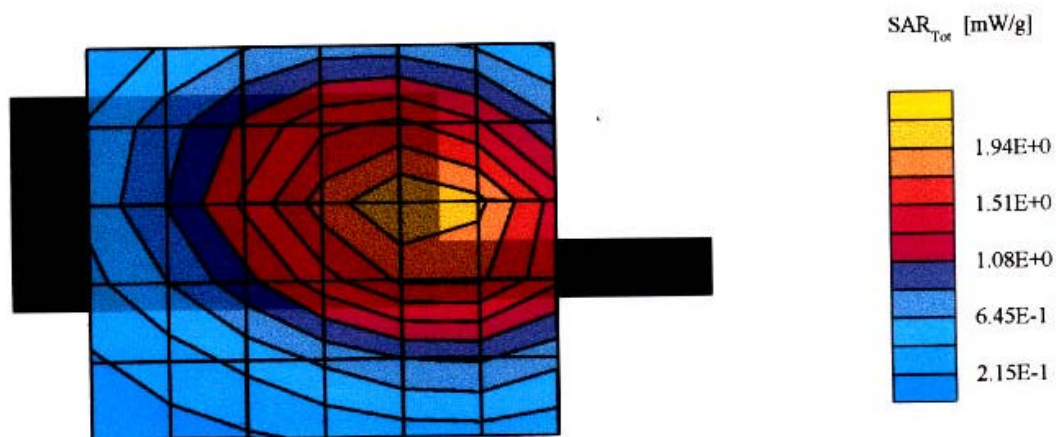
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Peak: 2.92 mW/g; Powerdrift: -0.26 dB

Comment :

Body- Worn

Channel: 15 (462.7250MHz)



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APPENDIX B – EUT TEST SETUP PHOTOGRAPHS

