
APPENDIX 2 : SAR Measurement data

PCG-571L / Body / Center-bottom of PC / 2437MHz

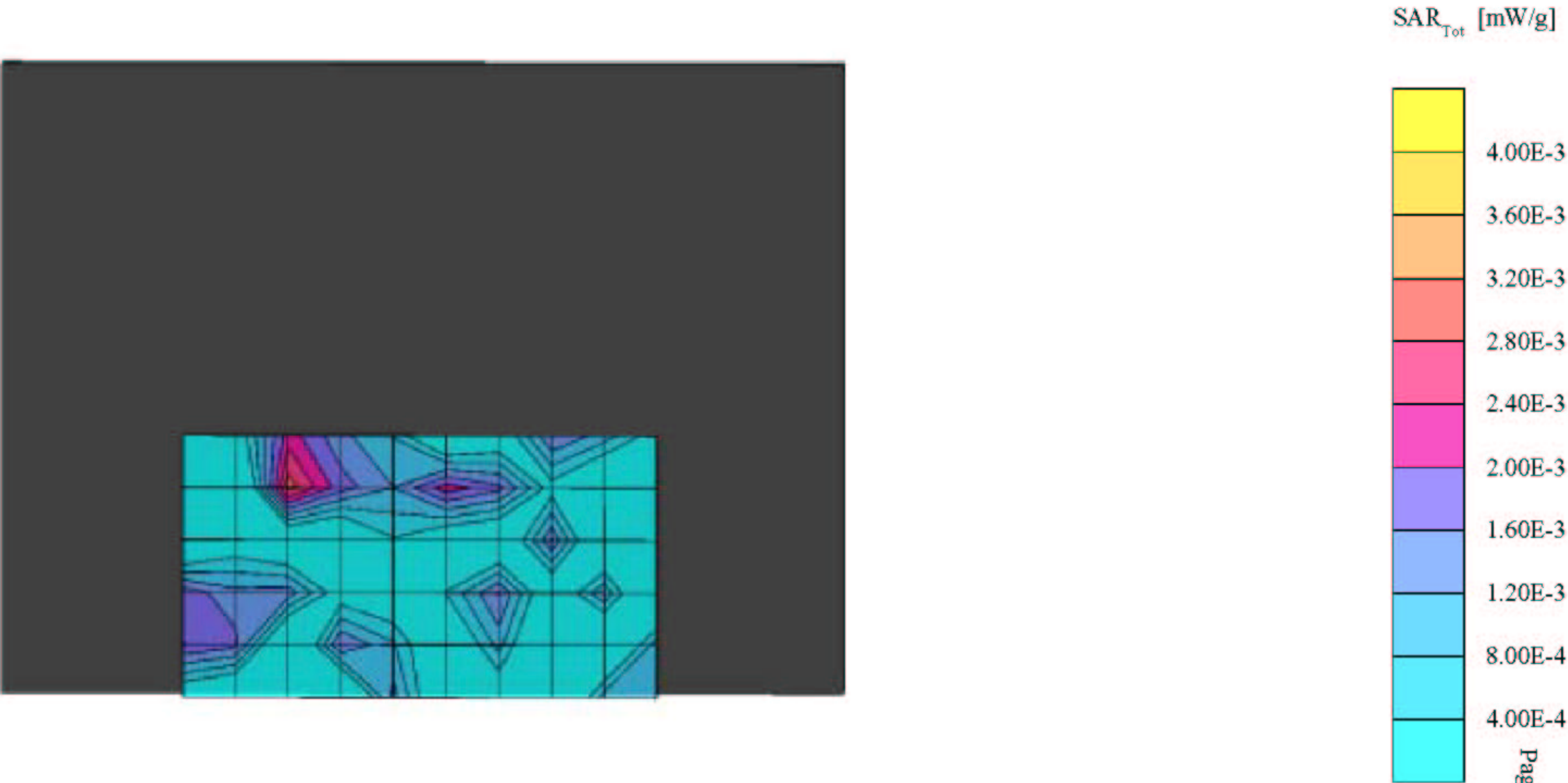
SAR (1g): 0.0031 mW/g, SAR (10g): 0.0022 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0133 mW/g
Penetration depth: 27.6 (2.0, 176.5) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.2 degree.c /After 23.1 degree.c



PCG-571L / Body / Left-bottom of PC / 2437MHz

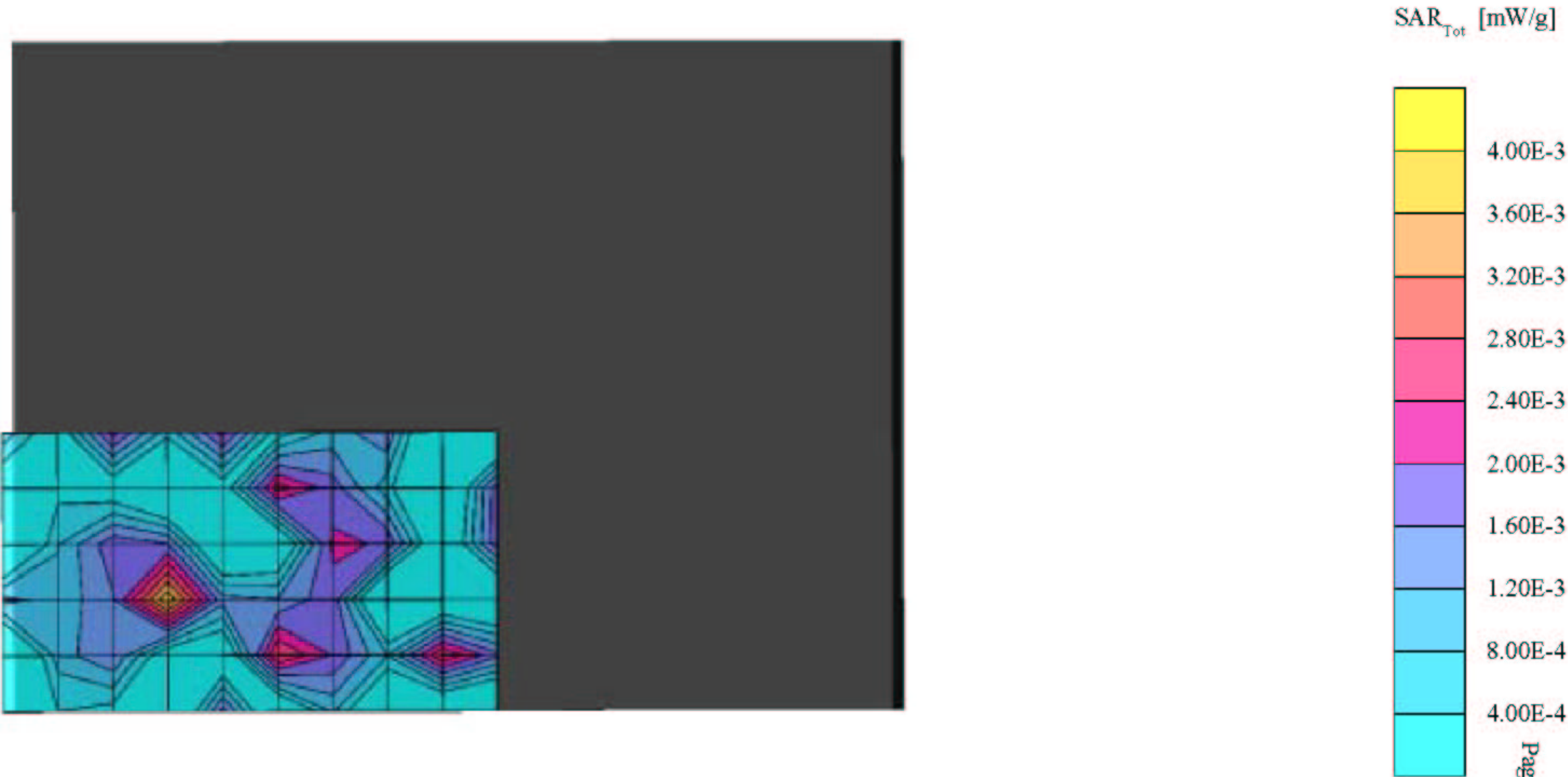
SAR (1g): 0.0020 mW/g, SAR (10g): 0.0016 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0077 mW/g
Penetration depth: 56.4 (5.6, 201.8) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.3 degree.c /After 23.4 degree.c



PCG-571L / Body / Right-bottom of PC / 2437MHz

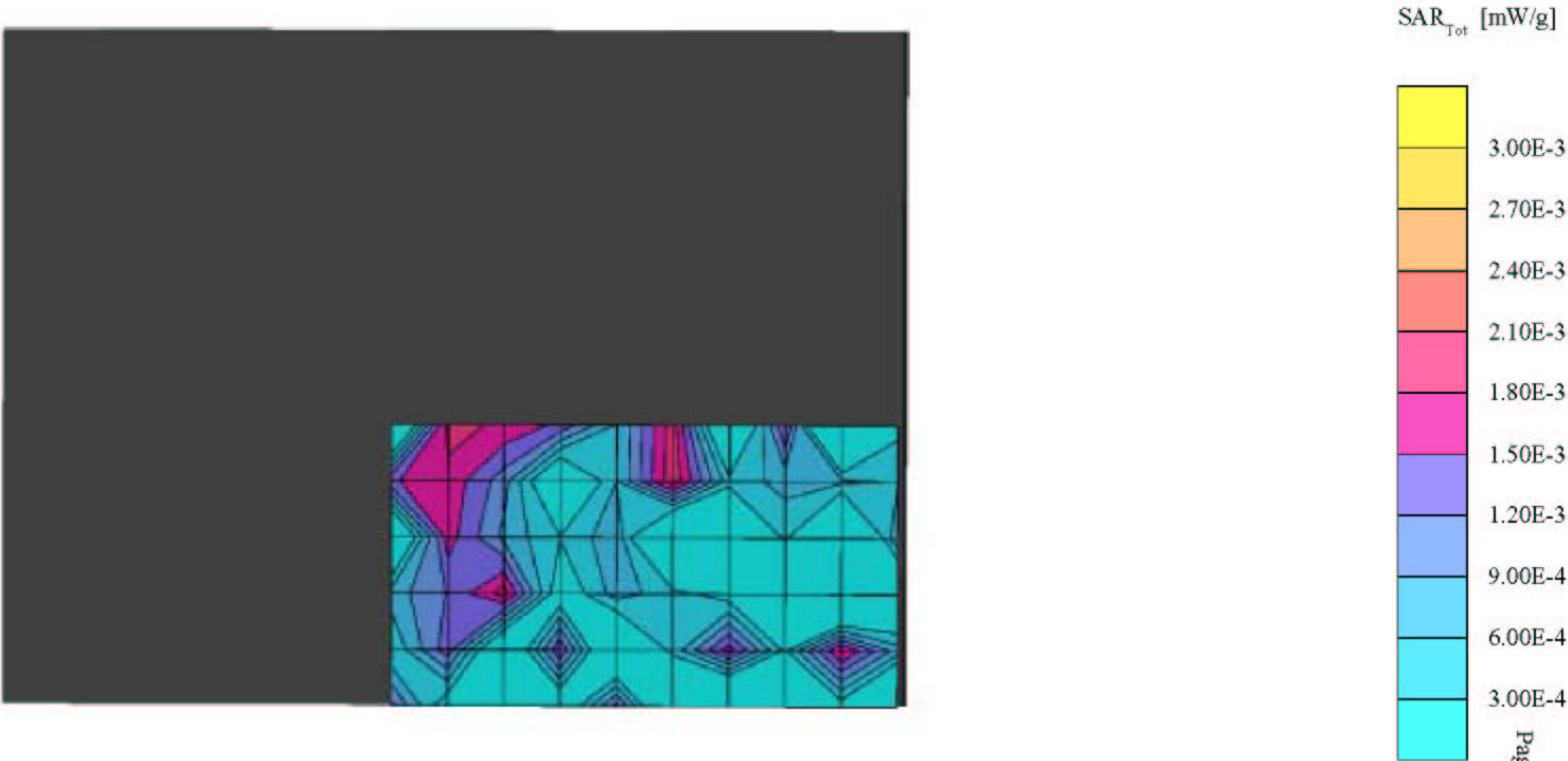
SAR (1g): 0.0028 mW/g, SAR (10g): 0.0015 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0080 mW/g
Penetration depth: 12.4 (0.4, 41.1) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.2 degree.c /After 23.1 degree.c



PCG-571L / Body / Right-back side of display / 2437MHz

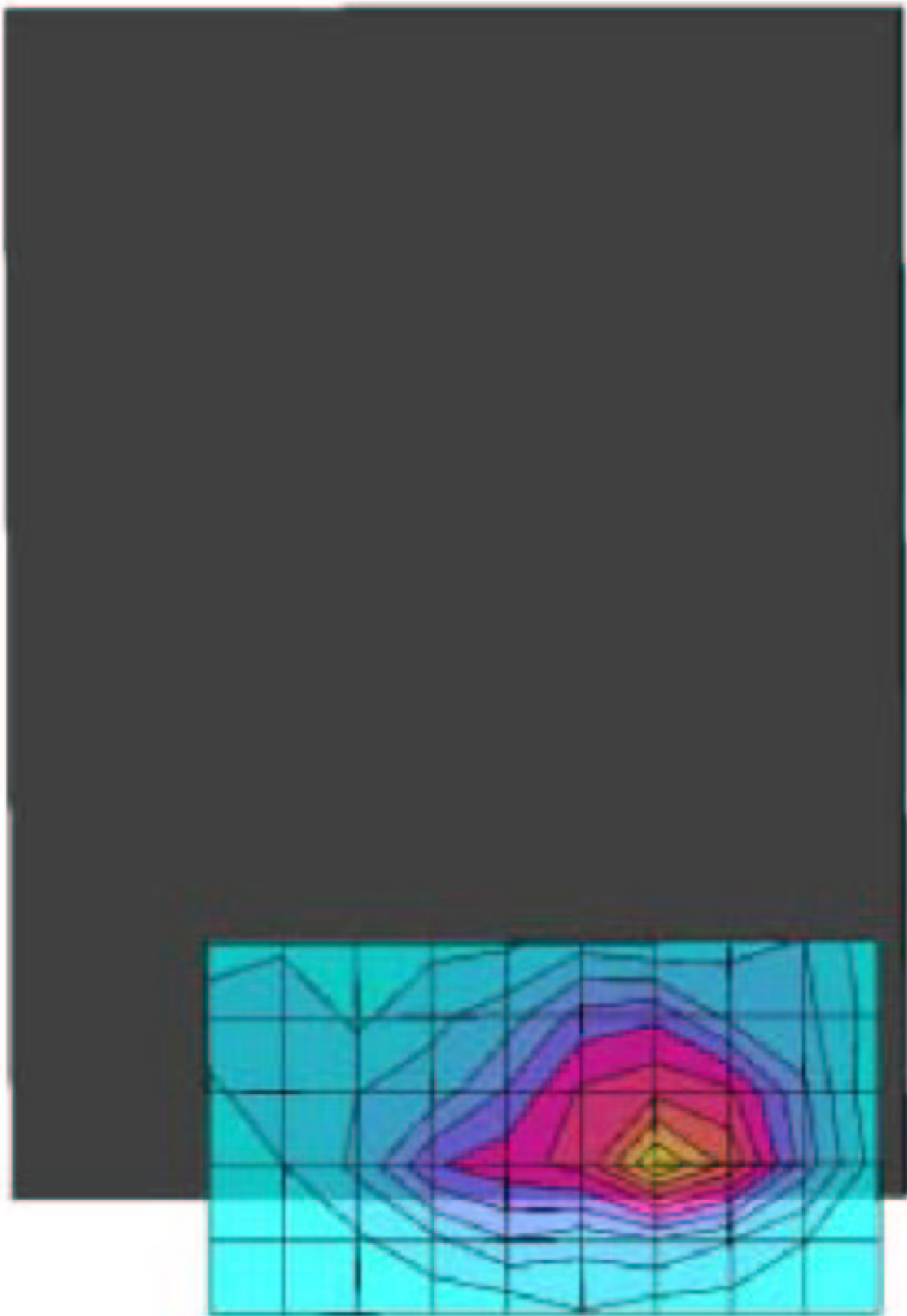
SAR (1g): 0.0201 mW/g, SAR (10g): 0.0111 mW/g Worst-case extrapolation

Crest factor : 1.0

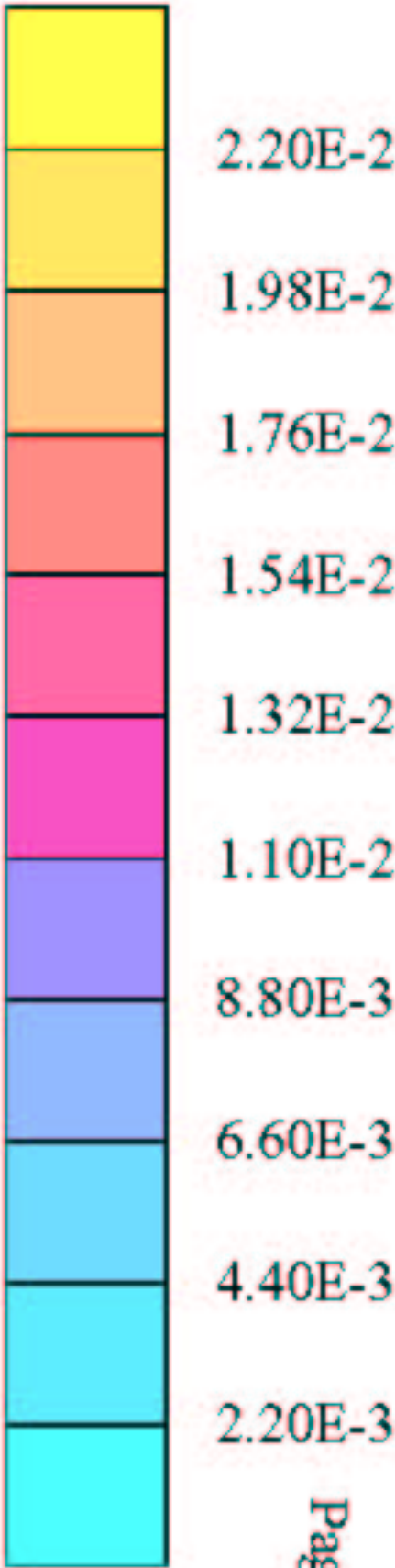
Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0414 mW/g
Penetration depth: 7.1 (6.0, 10.0) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.2 degree.c /After 23.1 degree.c



SAR_{Tot} [mW/g]



PCG-571L / Body / Right side of display / 2437MHz

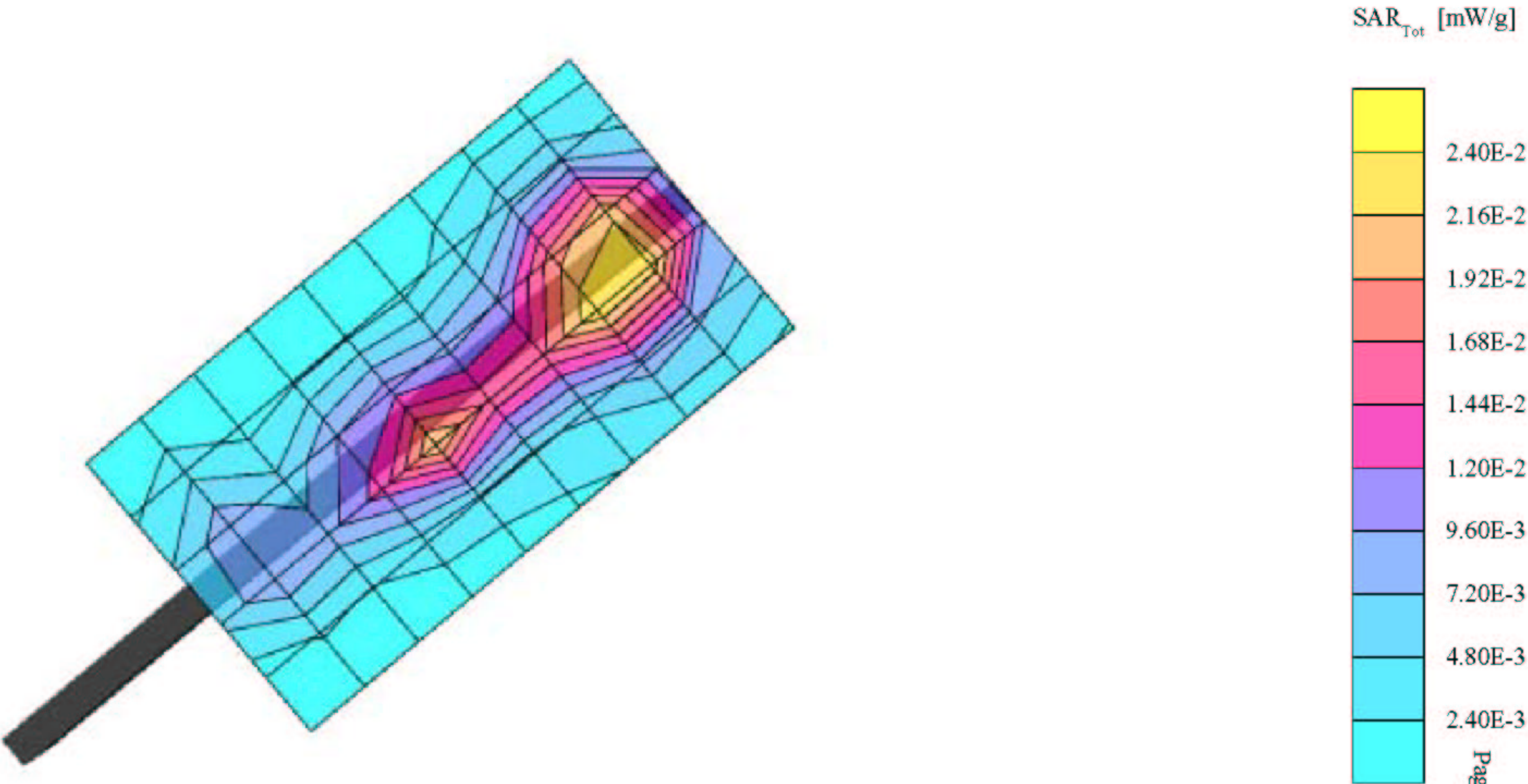
SAR (1g): 0.0285 mW/g, SAR (10g): 0.0156 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0528 mW/g
Penetration depth: 8.2 (7.5, 9.6) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.7 degree.c /After 22.5 degree.c



Z-axis scan at max SAR location

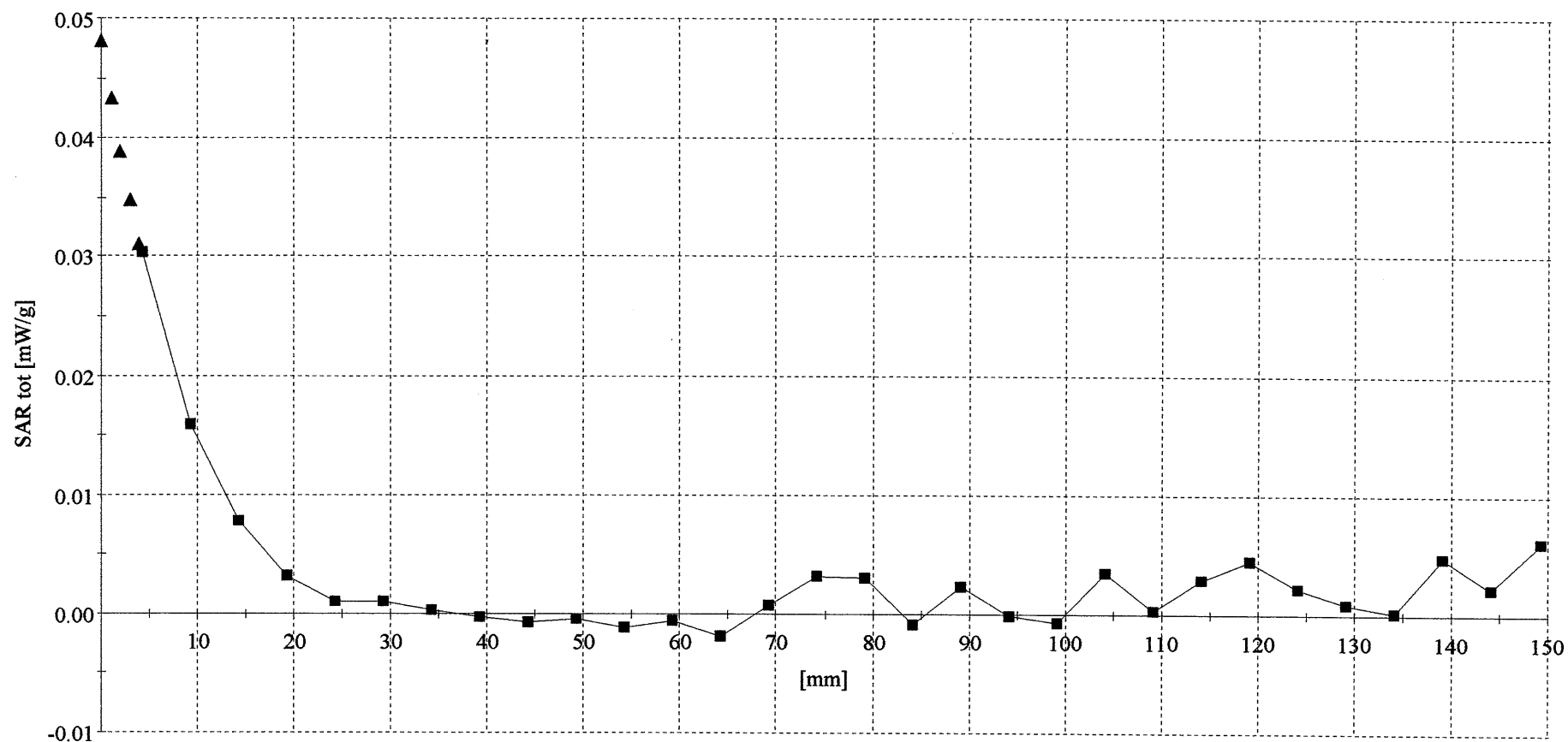
PCG-571L / Body / Right Side of display / 2437MHz

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99$ mho/m $\epsilon_r = 50.7$ $\rho = 1.00$ g/cm³

Phantom : SAM

Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)



PCG-571L / Body / Right side of display / 2412MHz

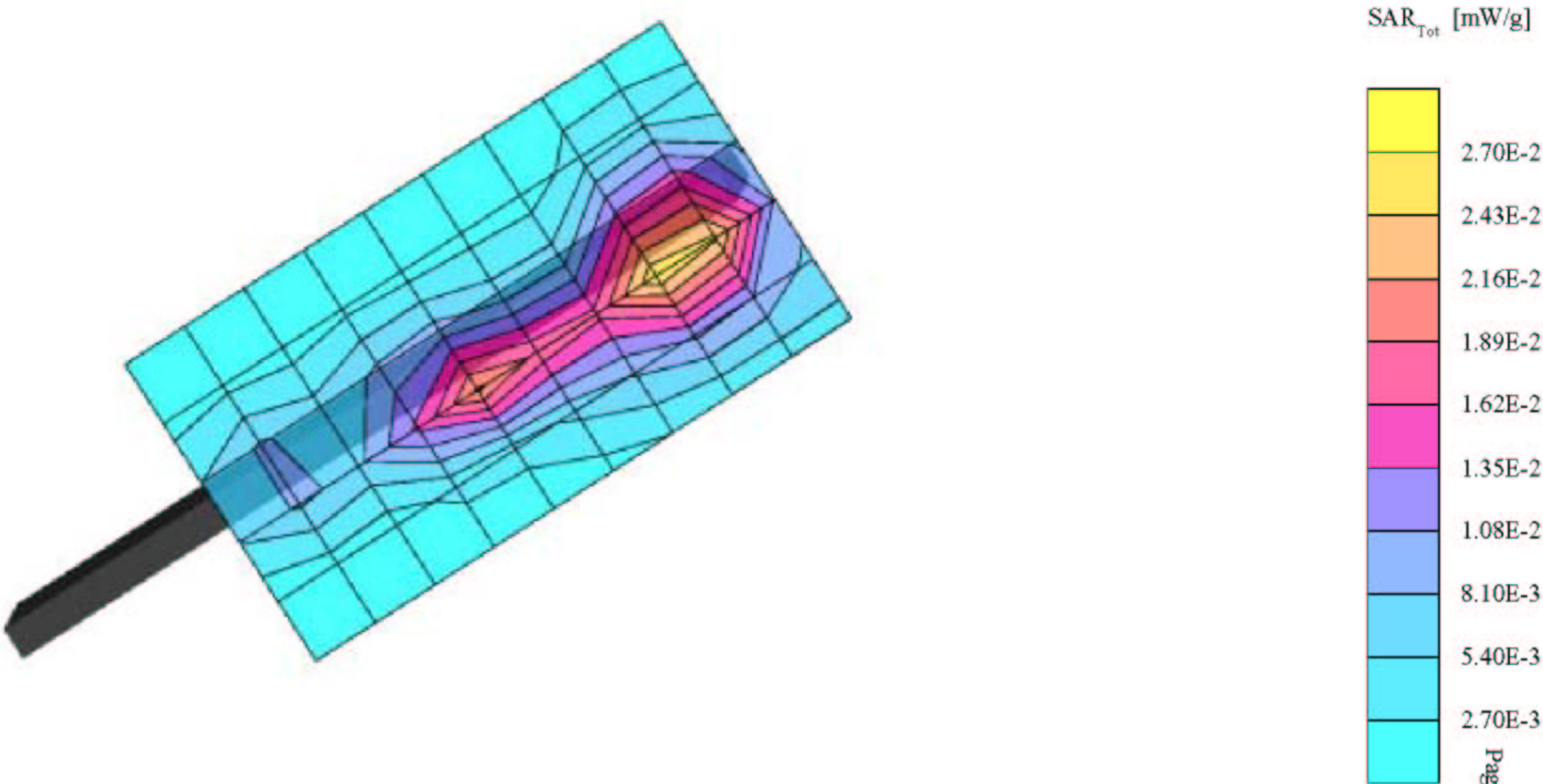
SAR (1g): 0.0281 mW/g, SAR (10g): 0.0152 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0543 mW/g
Penetration depth: 7.2 (7.0, 7.7) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.0 degree.c /After 22.9 degree.c



PCG-571L / Body / Right side of display / 2462MHz

SAR (1g): 0.0283 mW/g, SAR (10g): 0.0151 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.99 \text{ mho/m}$ $\epsilon_r = 50.7$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0534 mW/g
Penetration depth: 8.0 (7.3, 9.3) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.9 degree.c /After 23.0 degree.c

