

APPENDIX 2 : SAR Measurement data

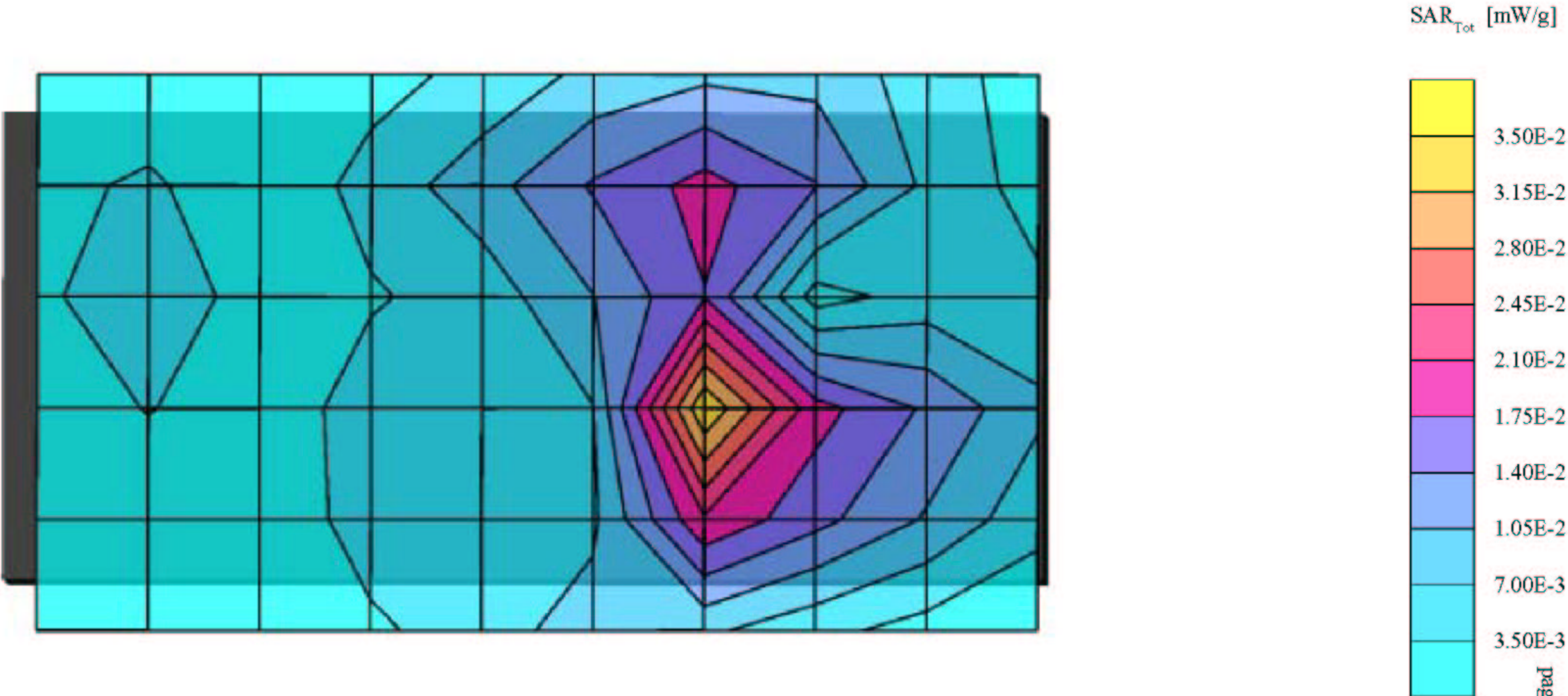
SAR (1g): 0.0325 mW/g, SAR (10g): 0.0166 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 – SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0606 mW/g
Penetration depth: 7.8 (7.6, 8.0) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 22.5 degree.c /After 22.5 degree.c



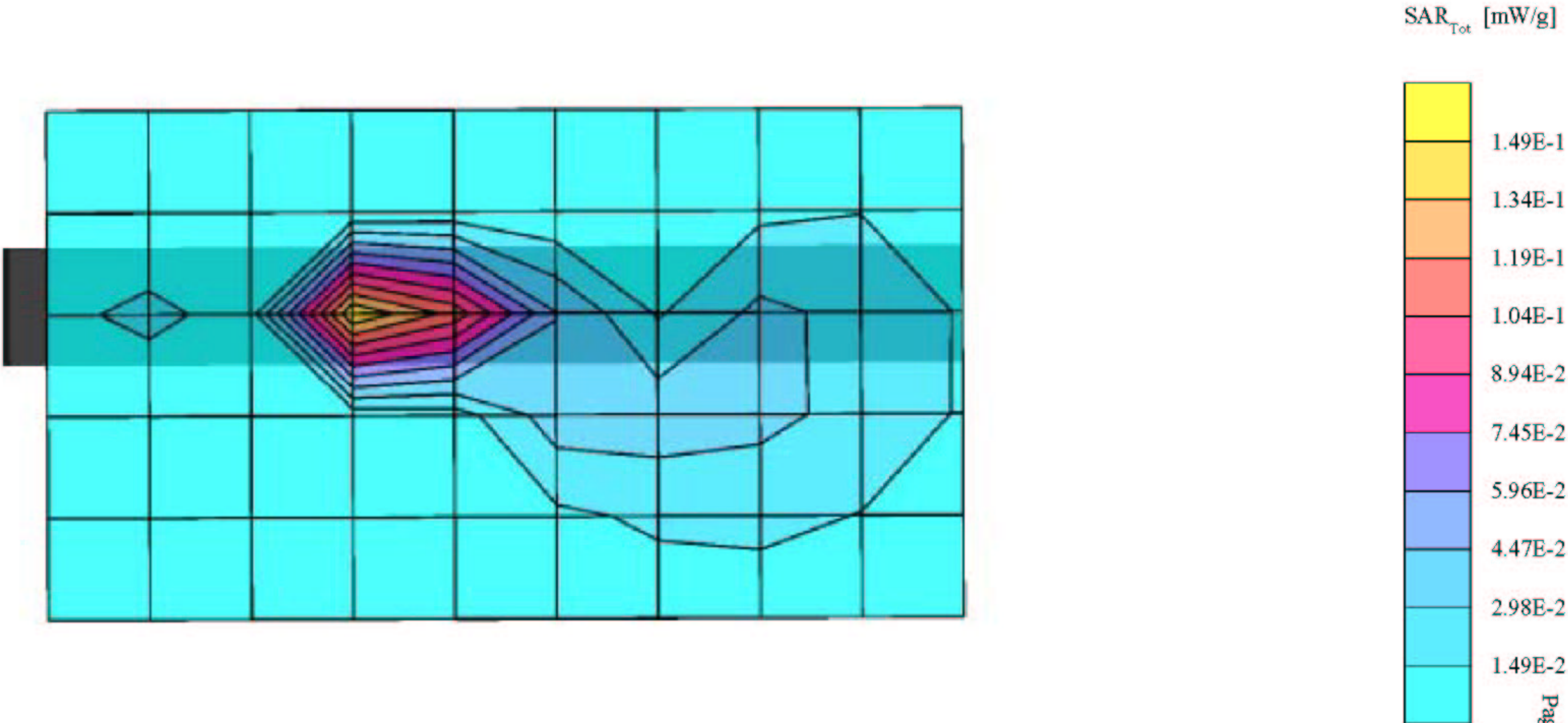
SAR (1g): 0.140 mW/g, SAR (10g): 0.0531 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.323 mW/g
Penetration depth: 6.2 (5.9, 7.1) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 22.9 degree.c /After 22.9 degree.c



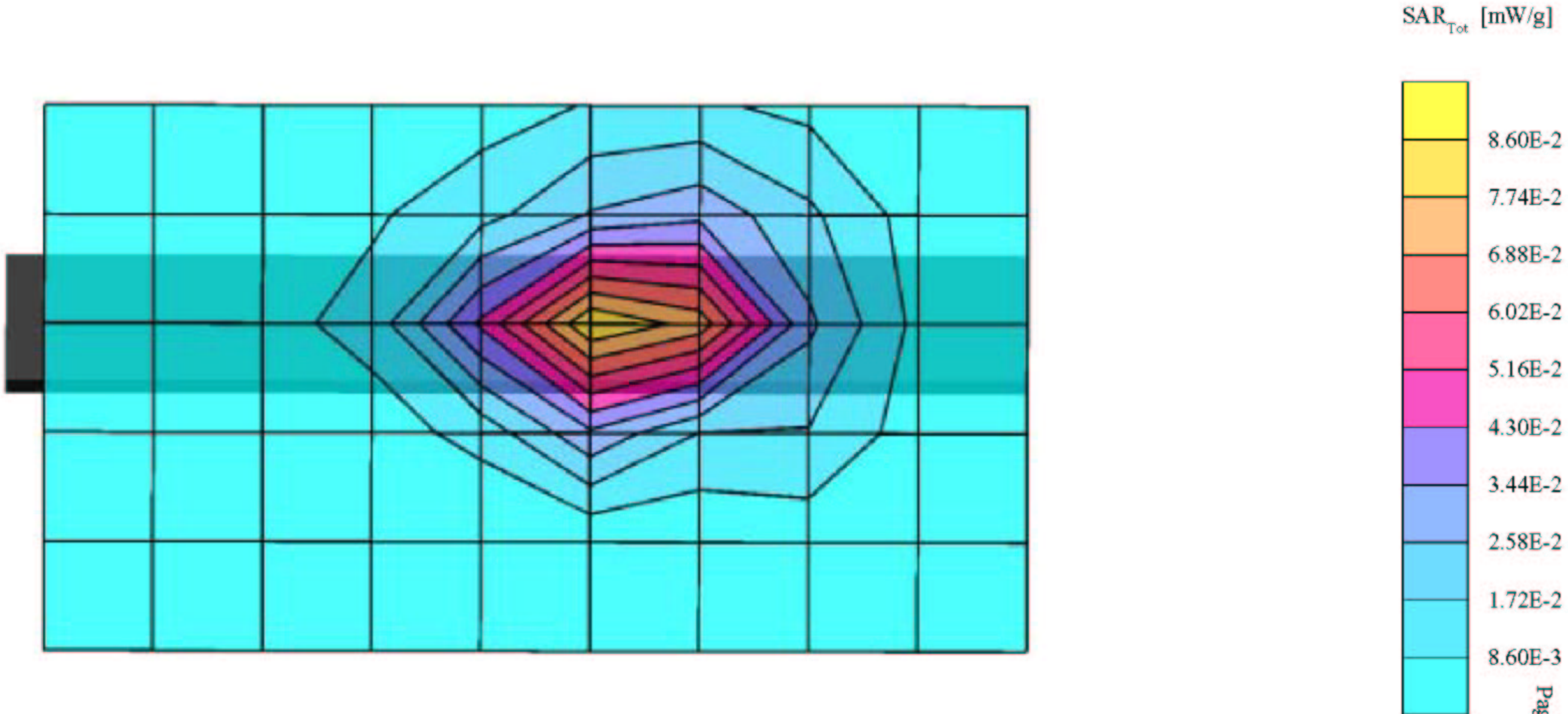
SAR (1g): 0.0964 mW/g, SAR (10g): 0.0473 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 – SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.198 mW/g
Penetration depth: 6.8 (6.4, 7.8) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 22.9 degree.c /After 22.9 degree.c



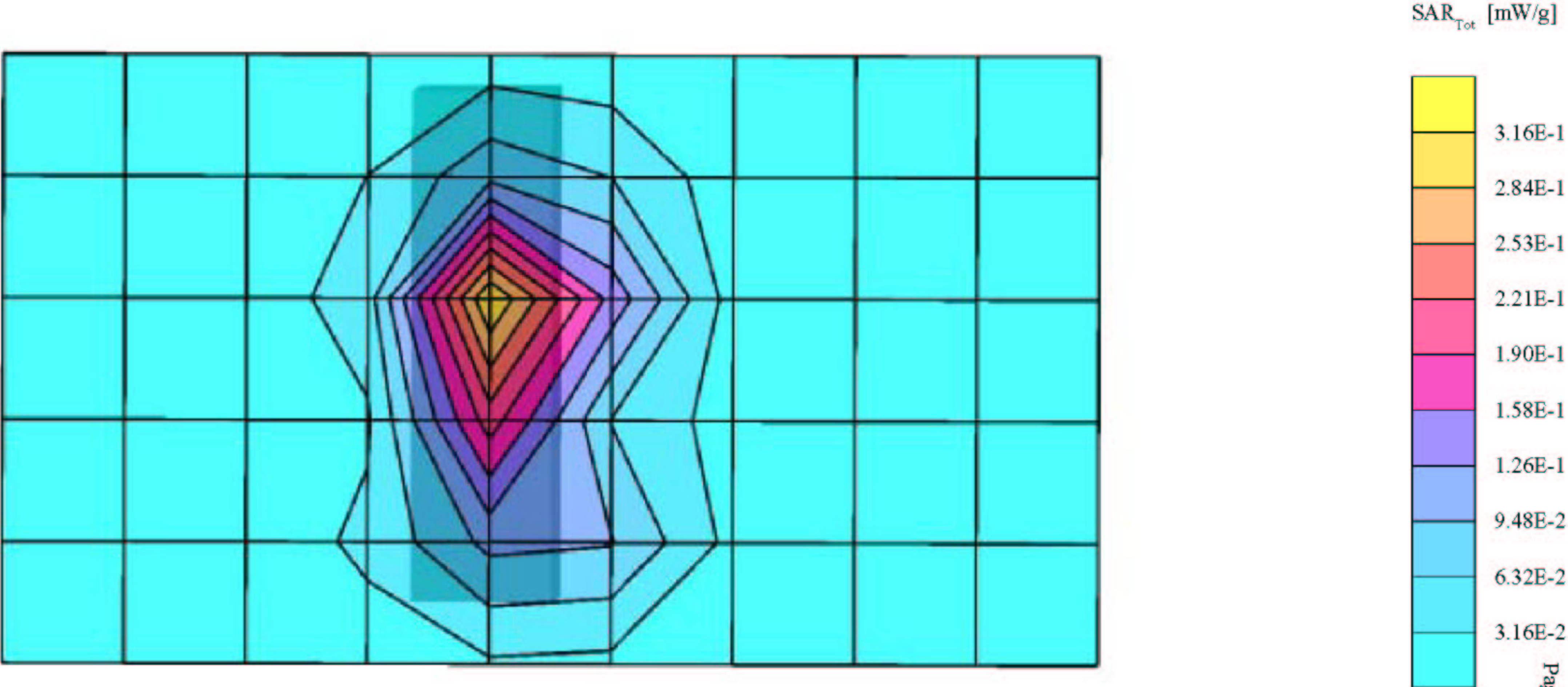
SAR (1g): 0.315 mW/g, SAR (10g): 0.160 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.595 mW/g
Penetration depth: 8.0 (7.6, 9.0) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 23.0 degree.c /After 23.0 degree.c



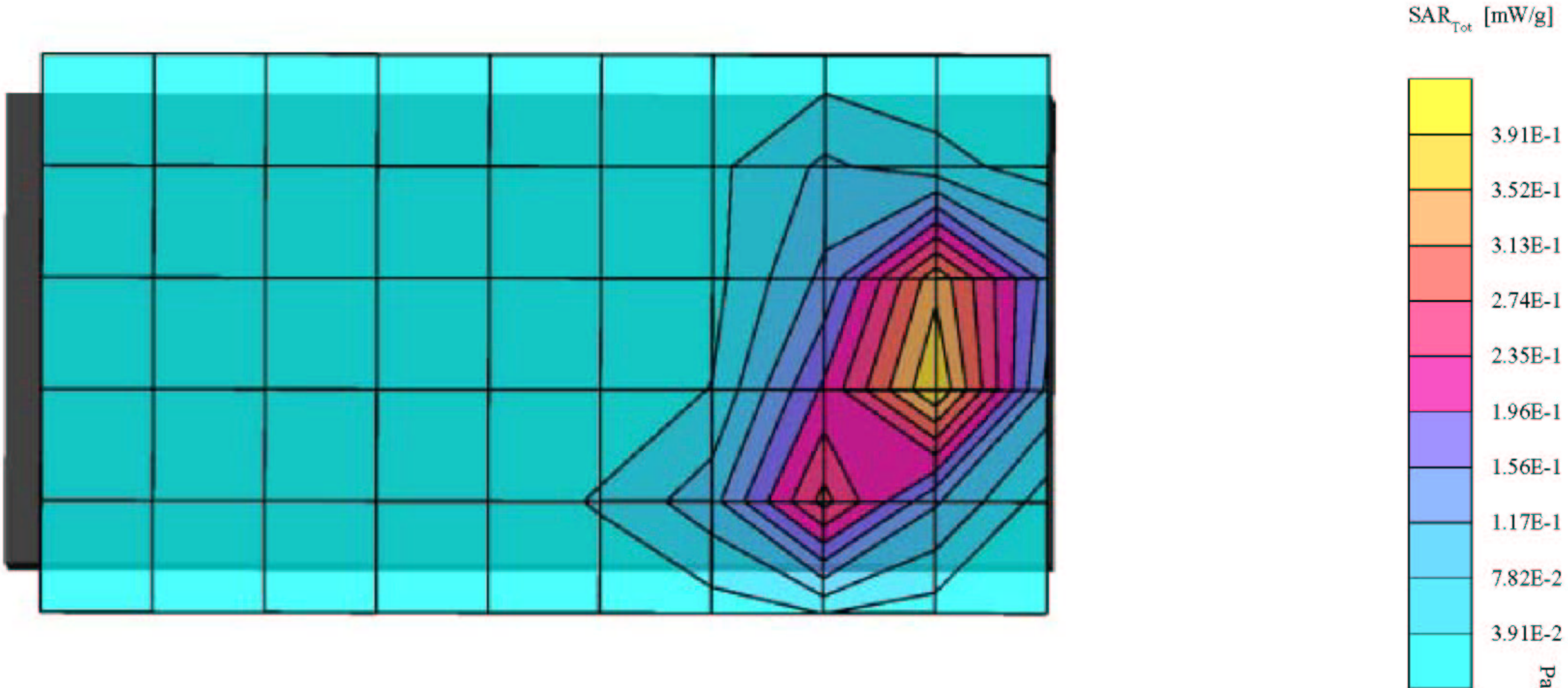
SAR (1g): 0.467 mW/g, SAR (10g): 0.232 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.914 mW/g
Penetration depth: 7.8 (7.6, 8.4) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 22.6 degree.c /After 22.8 degree.c



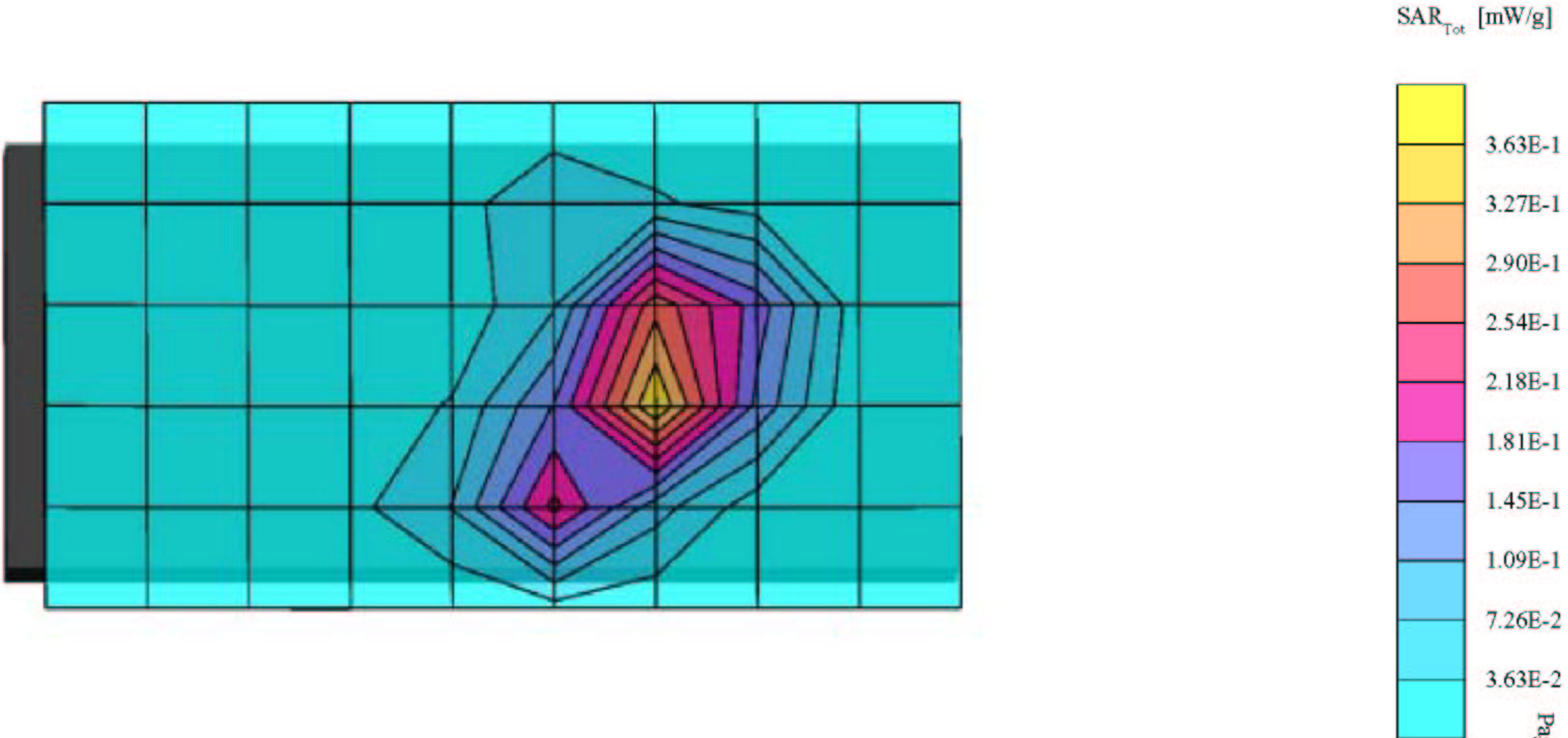
SAR (1g): 0.423 mW/g, SAR (10g): 0.214 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.817 mW/g
Penetration depth: 6.4 (6.0, 7.6) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 23.0 degree.c /After 23.0 degree.c



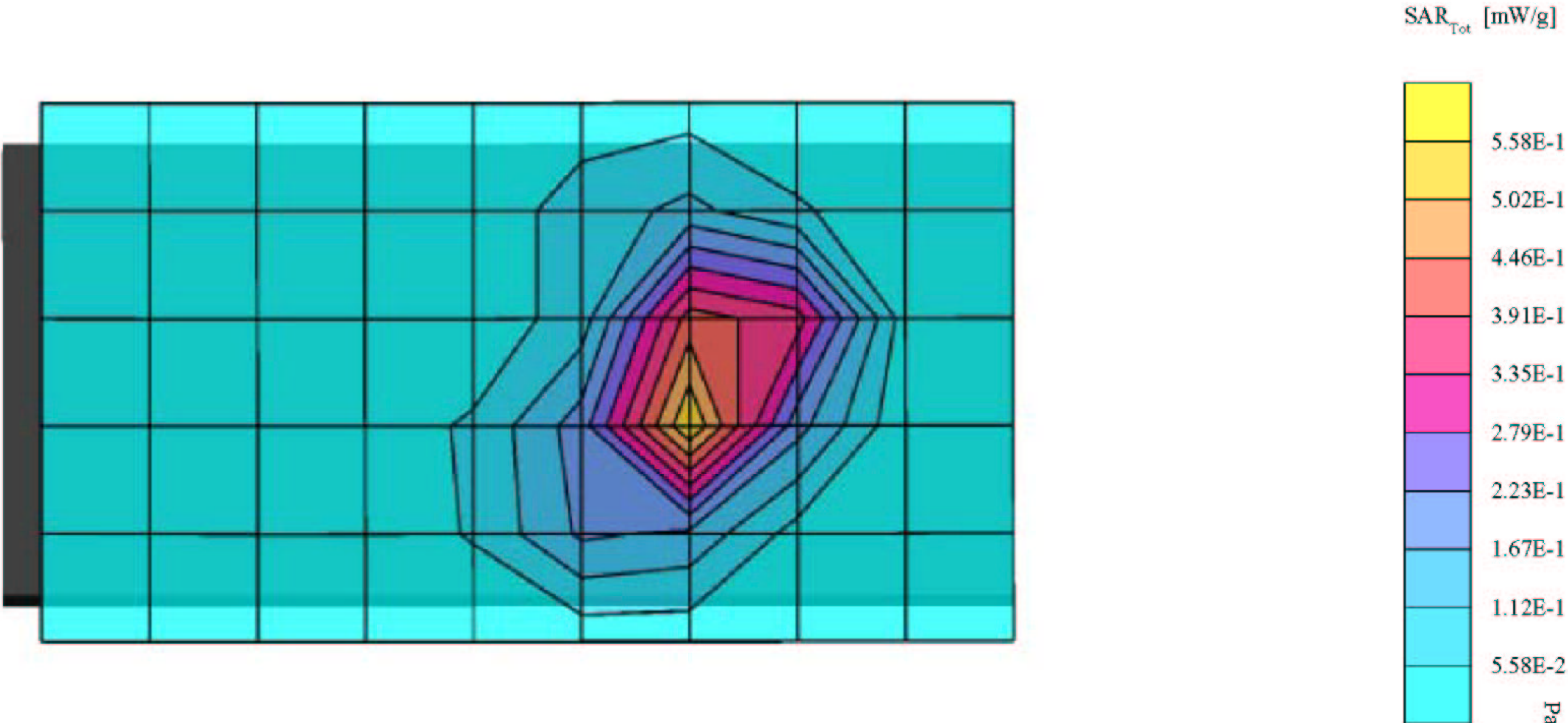
SAR (1g): 0.567 mW/g, SAR (10g): 0.253 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98 \text{ mho/m}$ $\epsilon_r = 48.0$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 1.24 mW/g
Penetration depth: 6.2 (6.0, 6.9) [mm]

Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 23.0 degree.c /After 23.0 degree.c



Z-axis scan at max SAR location

CA06178-Axxx / Body / Face / 2462MHz

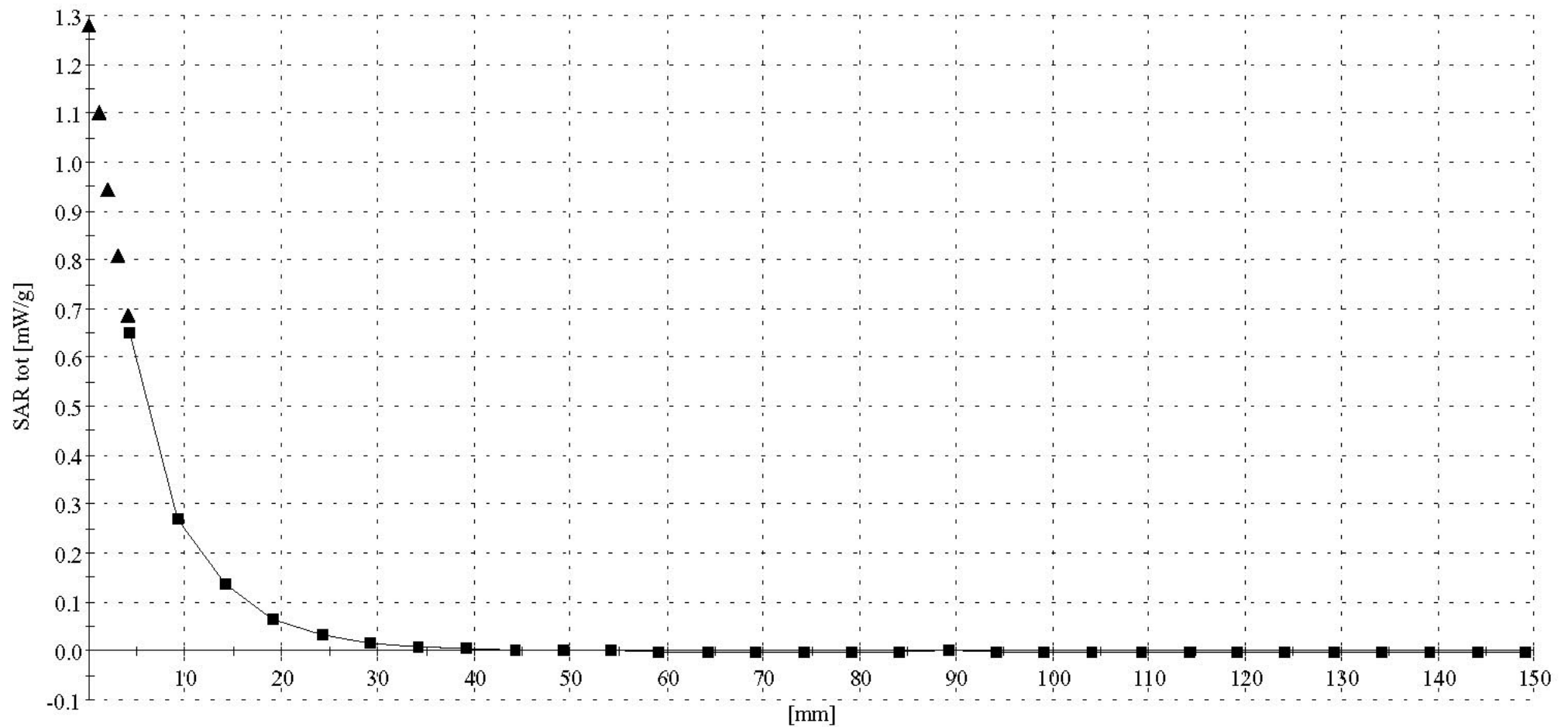
23KE0002-HO-3 FCC ID : QL9-IPAD100INT 06/11/03

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 1.98$ mho/m $\epsilon_r = 48.0$ $\rho = 1.00$ g/cm³

Phantom : SAM

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



APPENDIX 3 : Validation Measurement data

SAR (1g): 14.0 mW/g $\pm$ 0.01 dB, SAR (10g): 6.36 mW/g $\pm$ 0.00 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: σ = 1.77 mho/m ϵ_r = 35.7 ρ = 1.00 g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90, 4.90, 4.90)

Cubes (2)
Peak: 29.4 mW/g $\pm$ 0.02 dB
Penetration depth: 6.4 (6.2, 7.1) [mm]
Powerdrift: 0.01 dB

Forward Conducted Power / 250mW
Ambient Temperature / 23.8 degree.c
Liquid Temperature / Before 24.0 degree.c /After 24.0 degree.c

