

APPENDIX 2 : SAR Measurement data

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ZB-101AA / Body / Front / 2437MHz

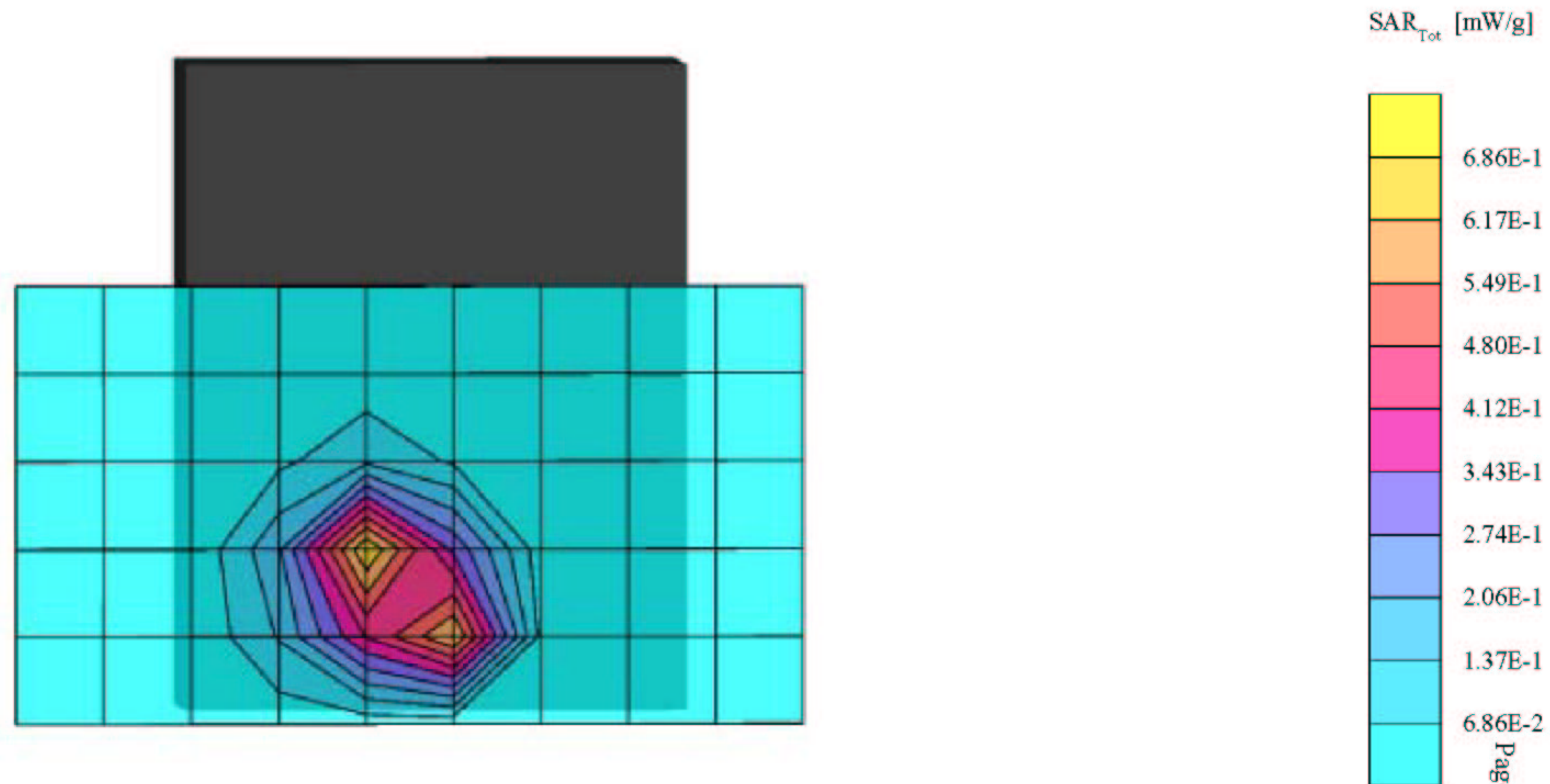
SAR (1g): 0.695 mW/g, SAR (10g): 0.381 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03 \text{ mho/m}$ $\epsilon_r = 48.9$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 1.29 mW/g
Penetration depth: 8.0 (7.5, 8.9) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 21.8 degree.c /After 21.8 degree.c



ZB-101AA / Body / Back / 2437MHz

Test date : 07/08/03
Report No. : 23KE0051-HO-1
FCC ID : B6BZB-101AA

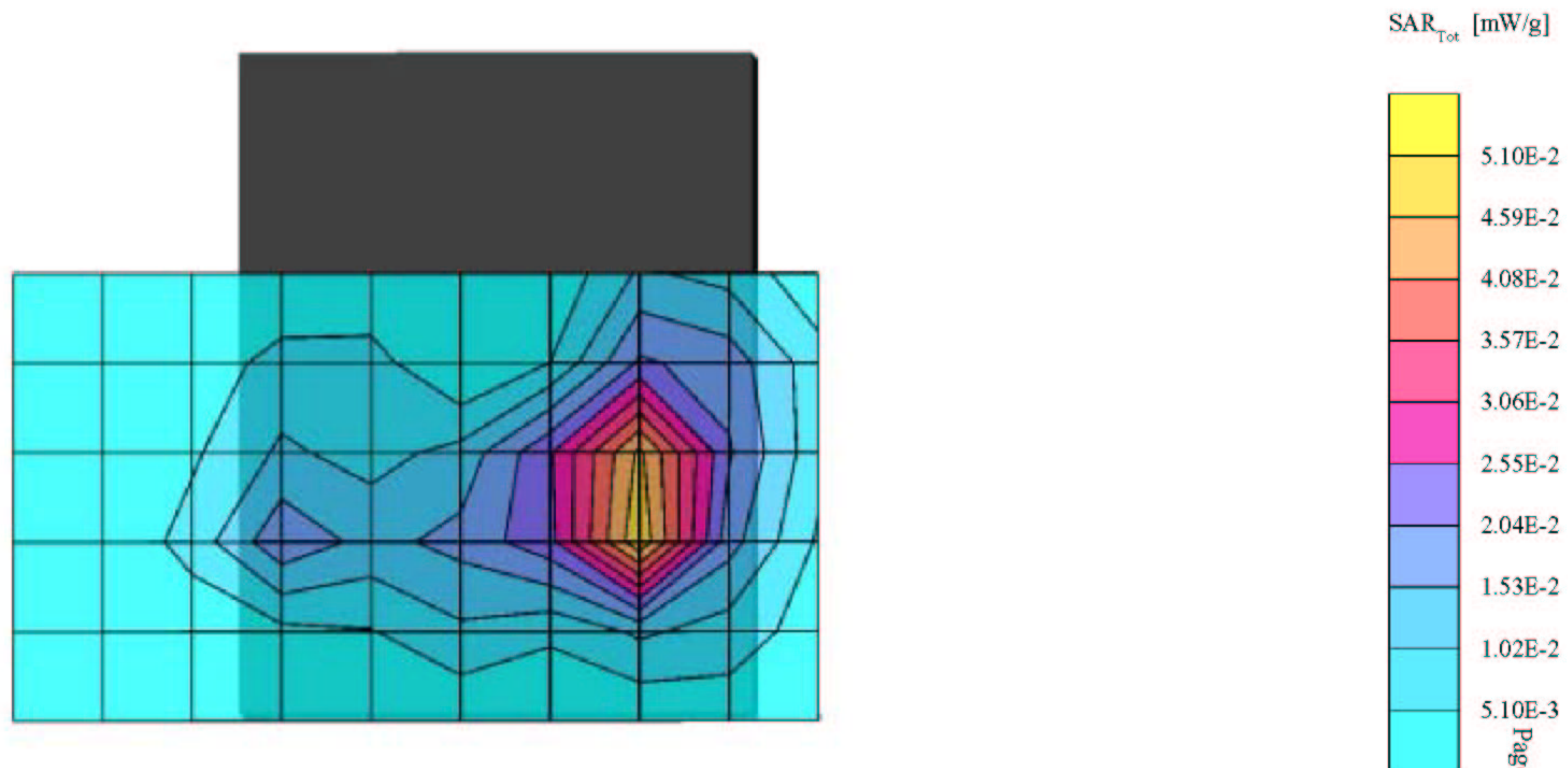
SAR (1g): 0.0481 mW/g, SAR (10g): 0.0258 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03 \text{ mho/m}$ $\epsilon_r = 48.9$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0968 mW/g
Penetration depth: 6.5 (6.4, 6.8) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 21.8 degree.c /After 21.8 degree.c



ZB-101AA / Body / Left side / 2437MHz

SAR (1g): 0.0162 mW/g, SAR (10g): 0.0084 mW/g Worst-case extrapolation

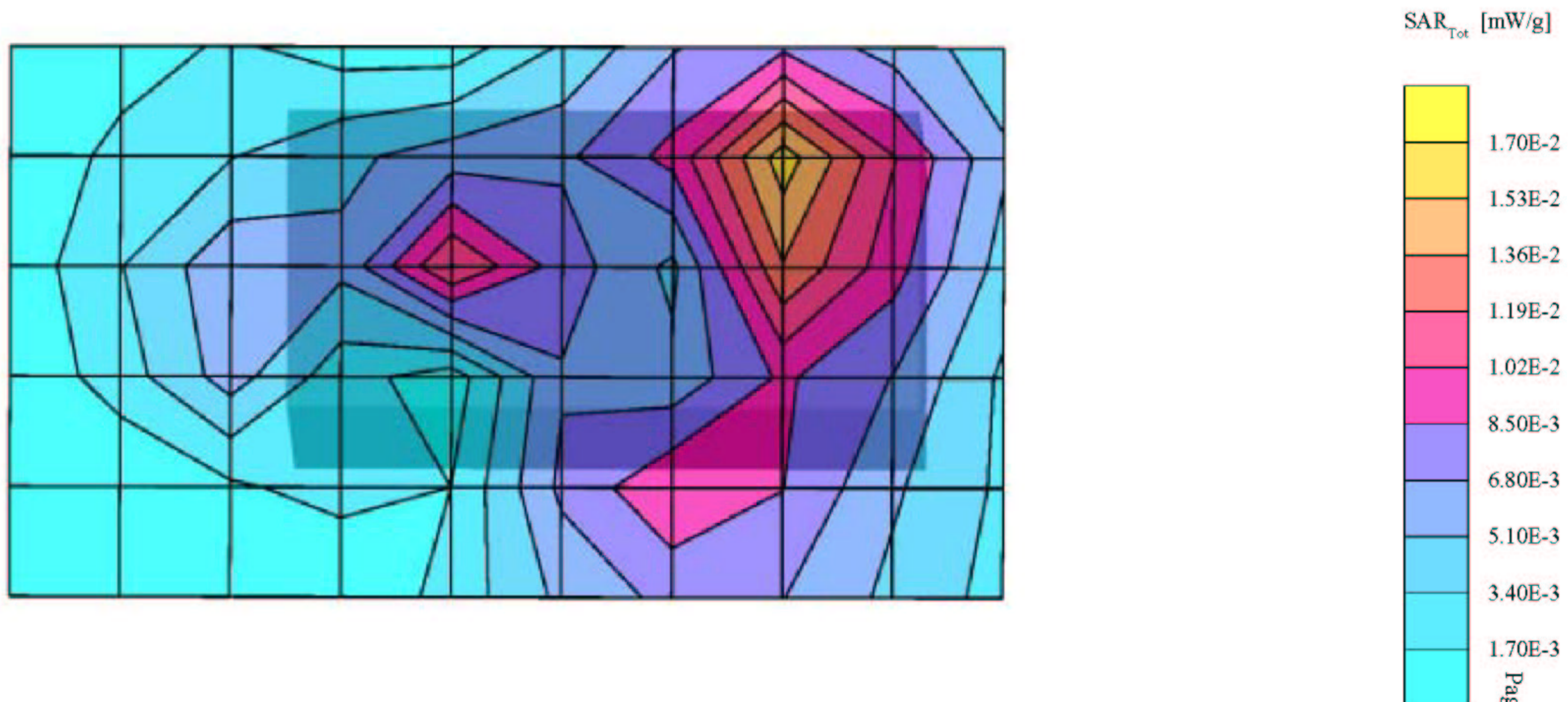
Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03$ mho/m $\epsilon_r = 48.9$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0321 mW/g
Penetration depth: 6.0 (4.7, 7.2) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 22.0 degree.c /After 21.8 degree.c

Test date : 07/08/03
Report No. : 23KE0051-HO-1
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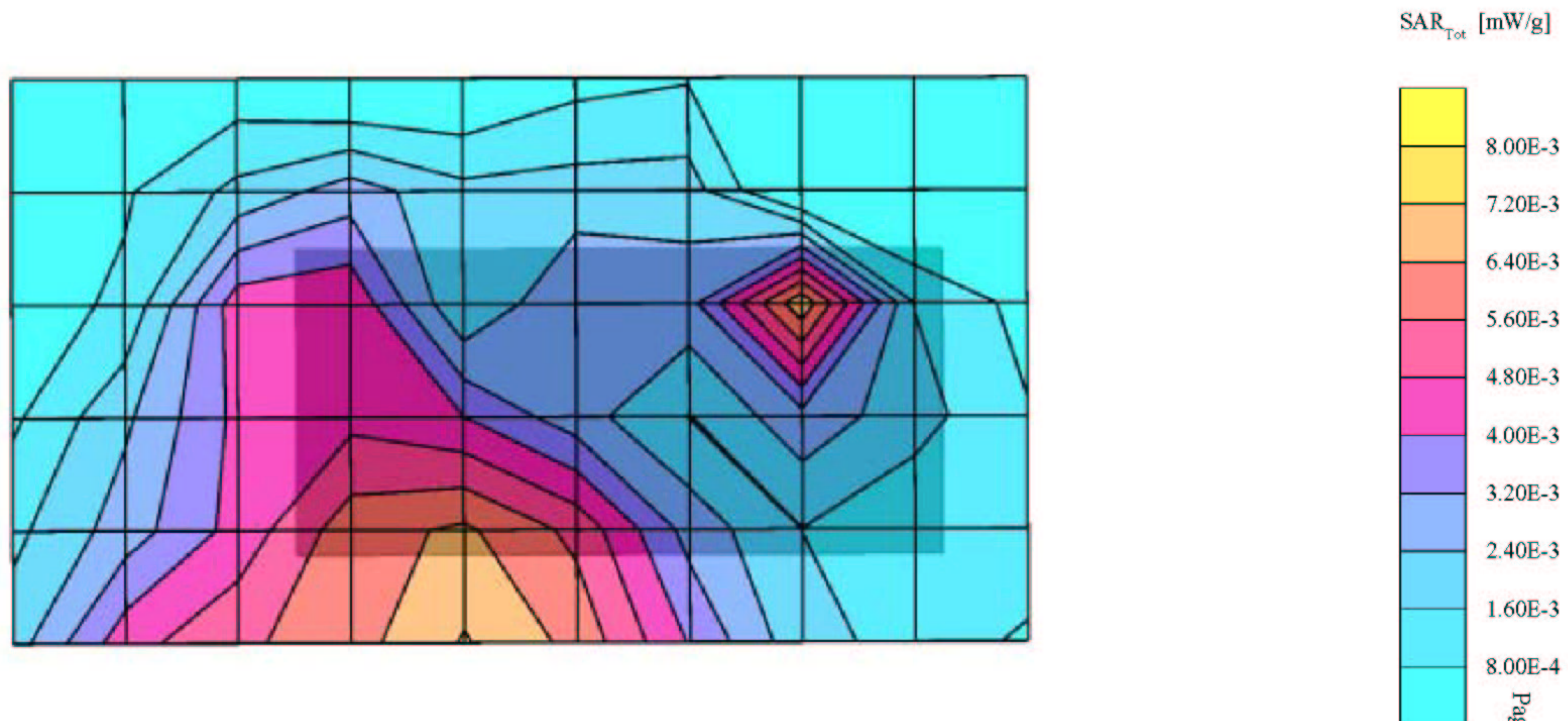
SAR (1g): 0.0073 mW/g, SAR (10g): 0.0036 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03 \text{ mho/m}$ $\epsilon_r = 48.9$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0146 mW/g
Penetration depth: 4.3 (2.1, 6.0) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 21.8 degree.c /After 21.6 degree.c



ZB-101AA / Body / Top / 2437MHz

Test date : 07/08/ 03
Report No. : 23KE0051-HO-1
FCC ID : B6BZB-101AA

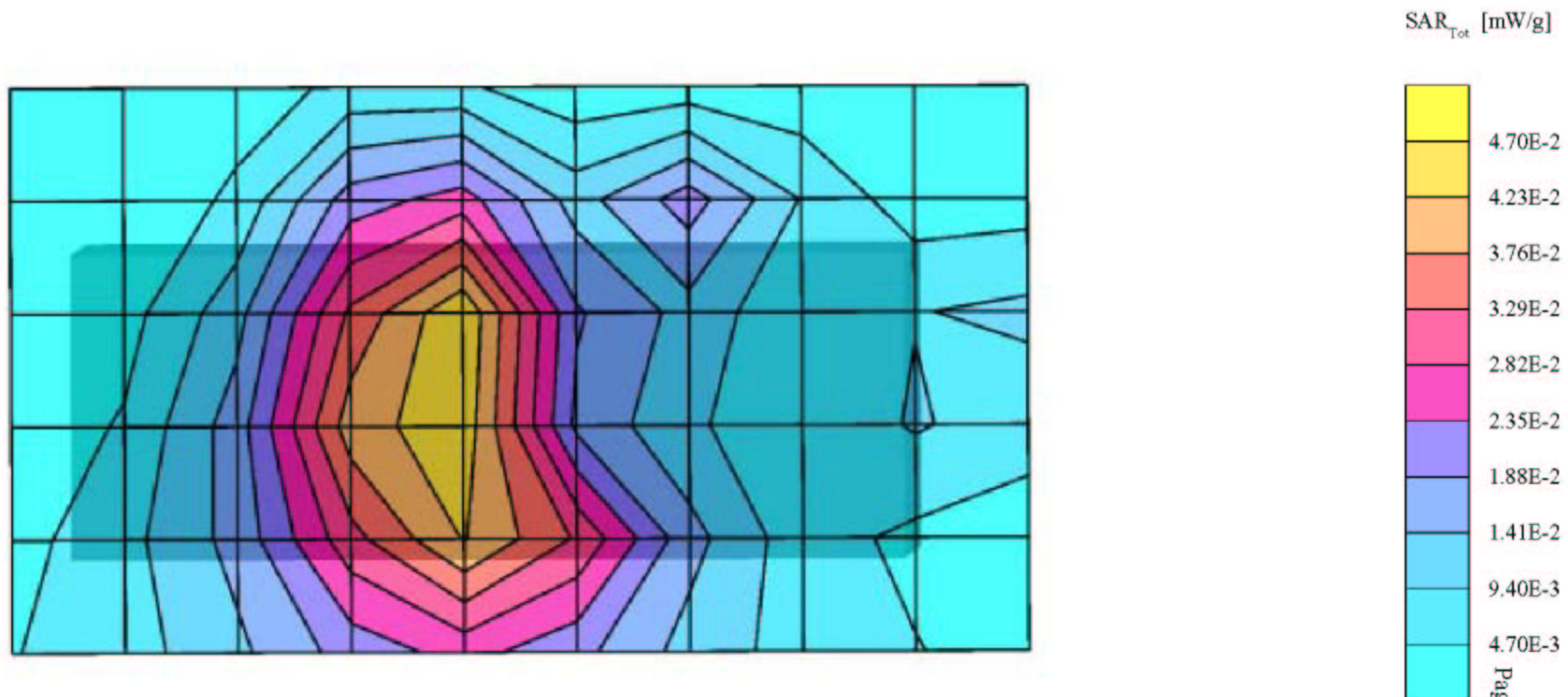
SAR (1g): 0.0462 mW/g * , SAR (10g): 0.0239 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03 \text{ mho/m}$ $\epsilon_r = 48.9$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.0959 mW/g
Penetration depth: 6.8 (6.7, 7.0) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 21.6 degree.c /After 21.3 degree.c



ZB-101AA / Body / Bottom / 2437MHz

Test date : 07/08/03
Report No. : 23KE0051-HO-1
FCC ID : B6BZB-101AA

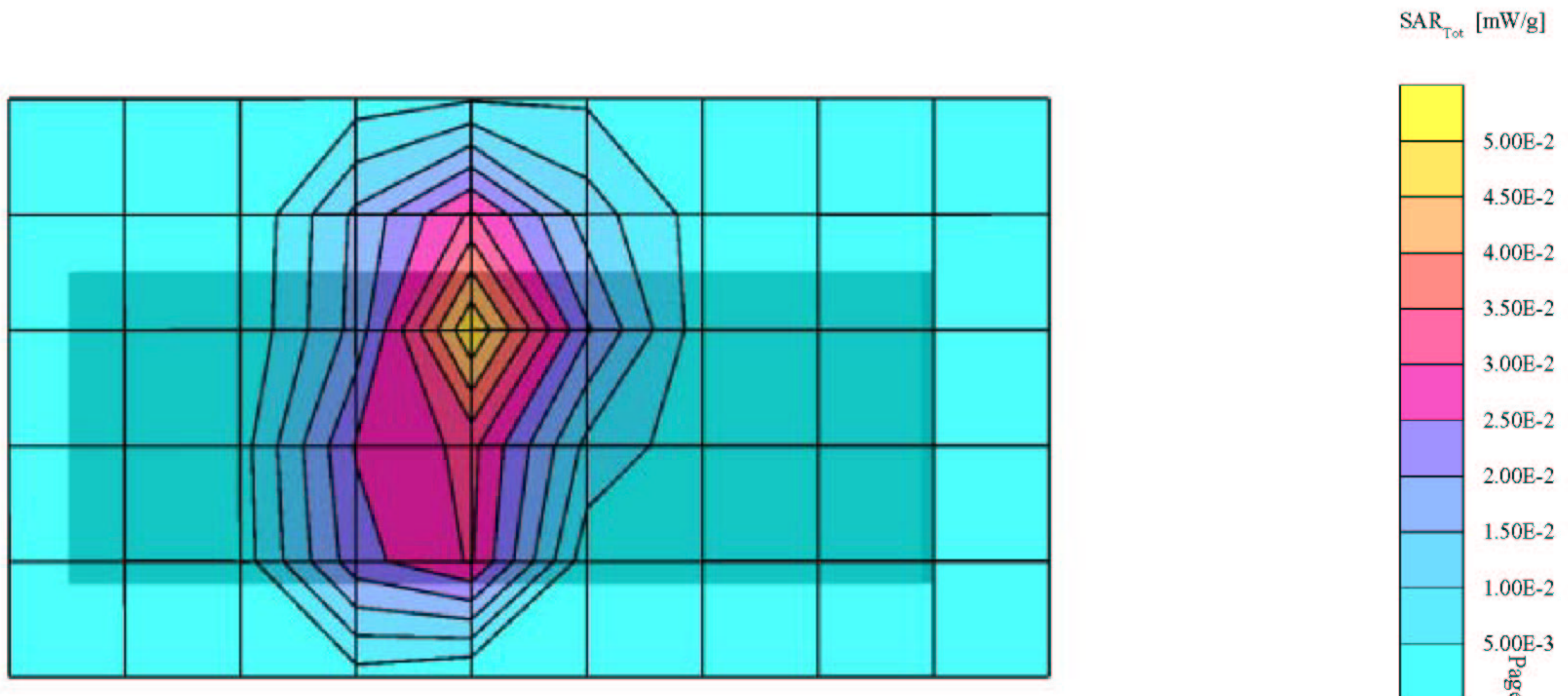
SAR (1g) : 0.0632 mW/g, SAR (10g) : 0.0299 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03$ mho/m $\epsilon_r = 48.9$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.128 mW/g
Penetration depth: 7.4 (7.2, 8.0) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 21.3 degree.c /After 21.3 degree.c



ZB-101AA / Body / Front / 2412MHz

SAR (1g): 0.736 mW/g, SAR (10g): 0.394 mW/g Worst-case extrapolation

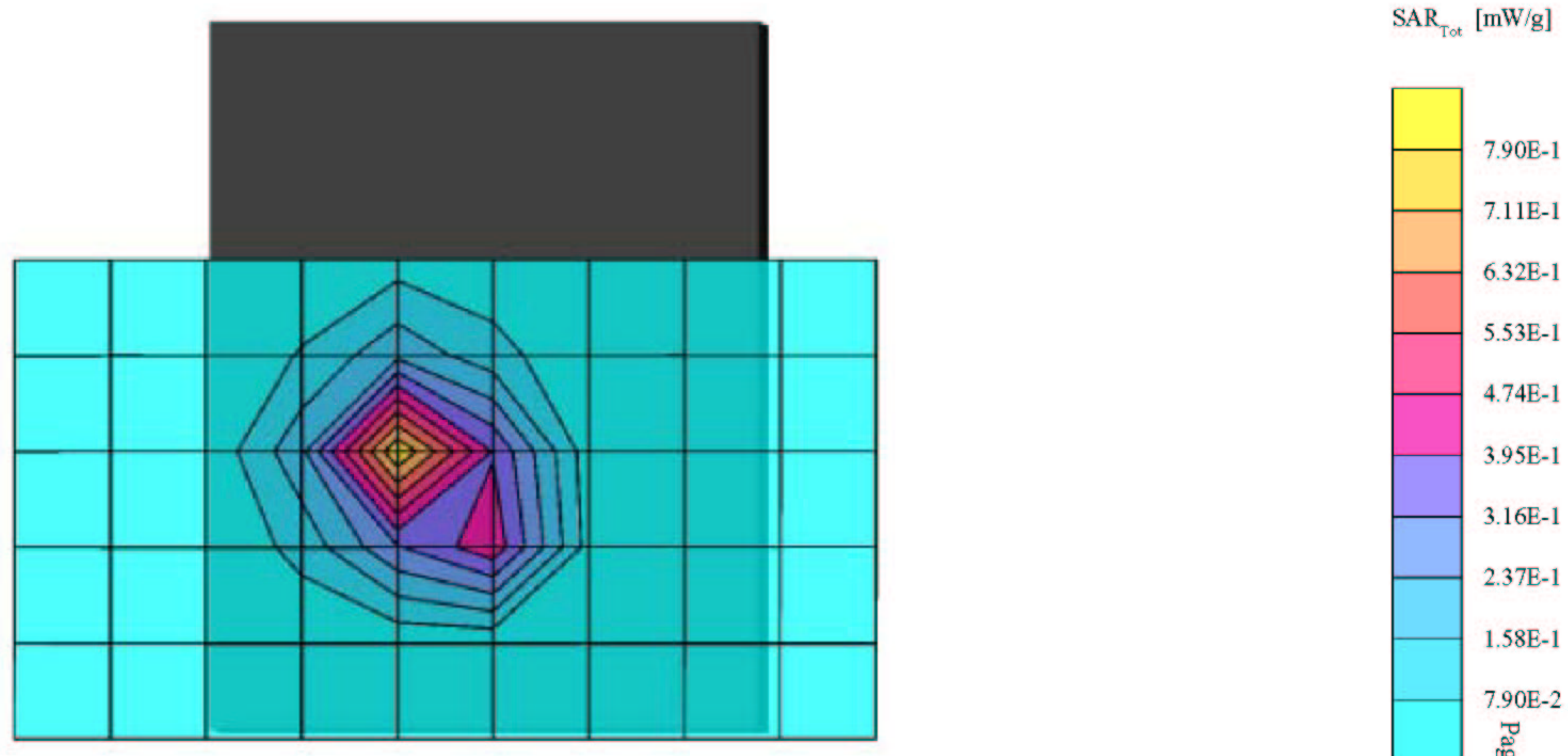
Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03 \text{ mho/m}$ $\epsilon_r = 48.9$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 1.37 mW/g
Penetration depth: 7.9 (7.5, 8.8) [mm]

Ambient Temperature / 22.8 degree.c
Liquid Temperature / Before 21.3 degree.c /After 21.3 degree.c

Test date : 07/08/03
Report No. : 23KE0051-HO-1
FCC ID : B6BZB-101AA

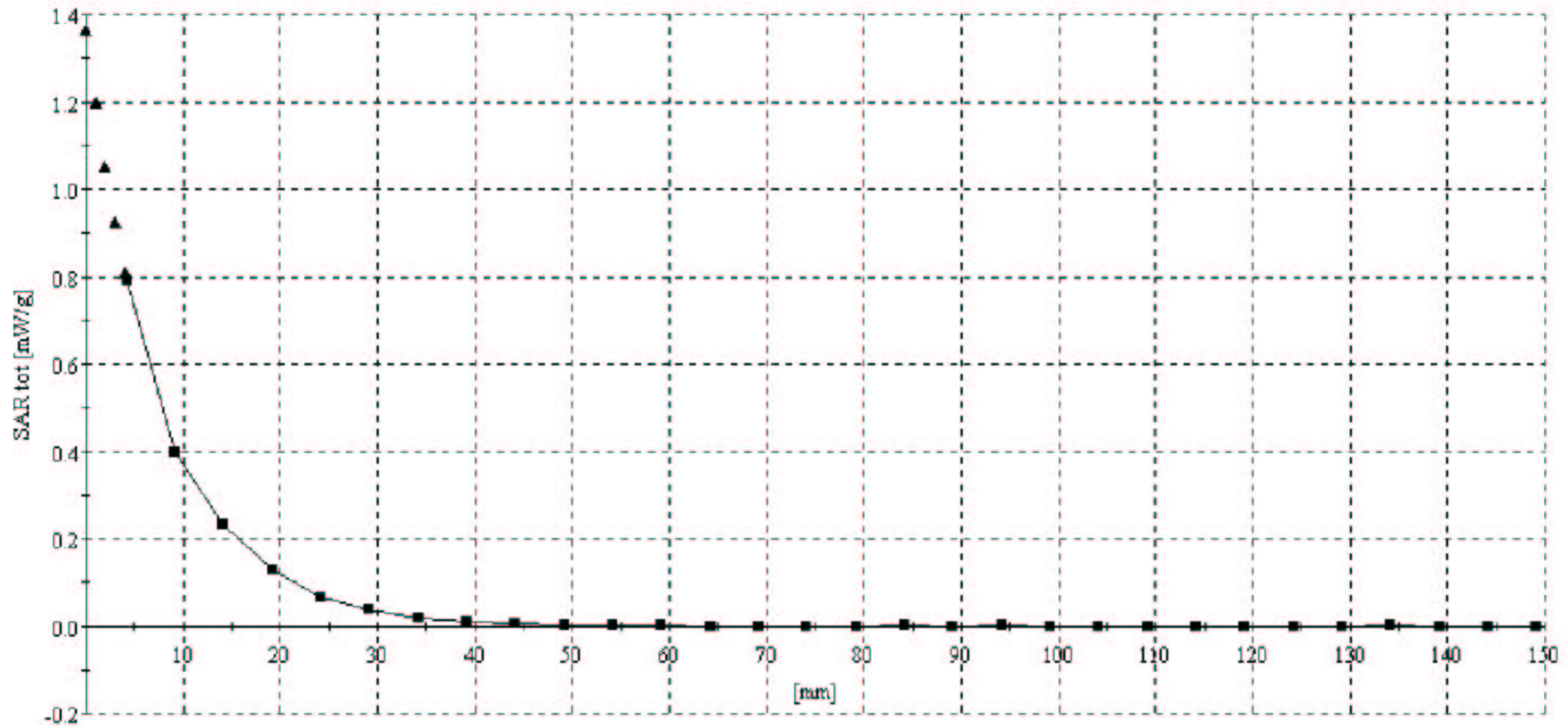


Z-axis scan at max SAR location
ZB-101AA / Body / Front / 2412MHz

Test date : 07/08/03
Report No. : 23KE0051-HO-1
FCC ID : B6BZB-101AA

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03$ mho/m $\epsilon_r = 48.9$ $\rho = 1.00$ g/cm³
Phantom : SAM
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)



ZB-101AA / Body / Front / 2462MHz

Test date : 07/08/ 03

Report No. : 23KE0051-HO-1

FCC ID : B6BZB-101AA

SAR (1g): 0.429 mW/g, SAR (10g): 0.232 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.03 \text{ mho/m}$ $\epsilon_r = 48.9$ $\rho = 1.00 \text{ g/cm}^3$

Phantom : SAM Flat

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

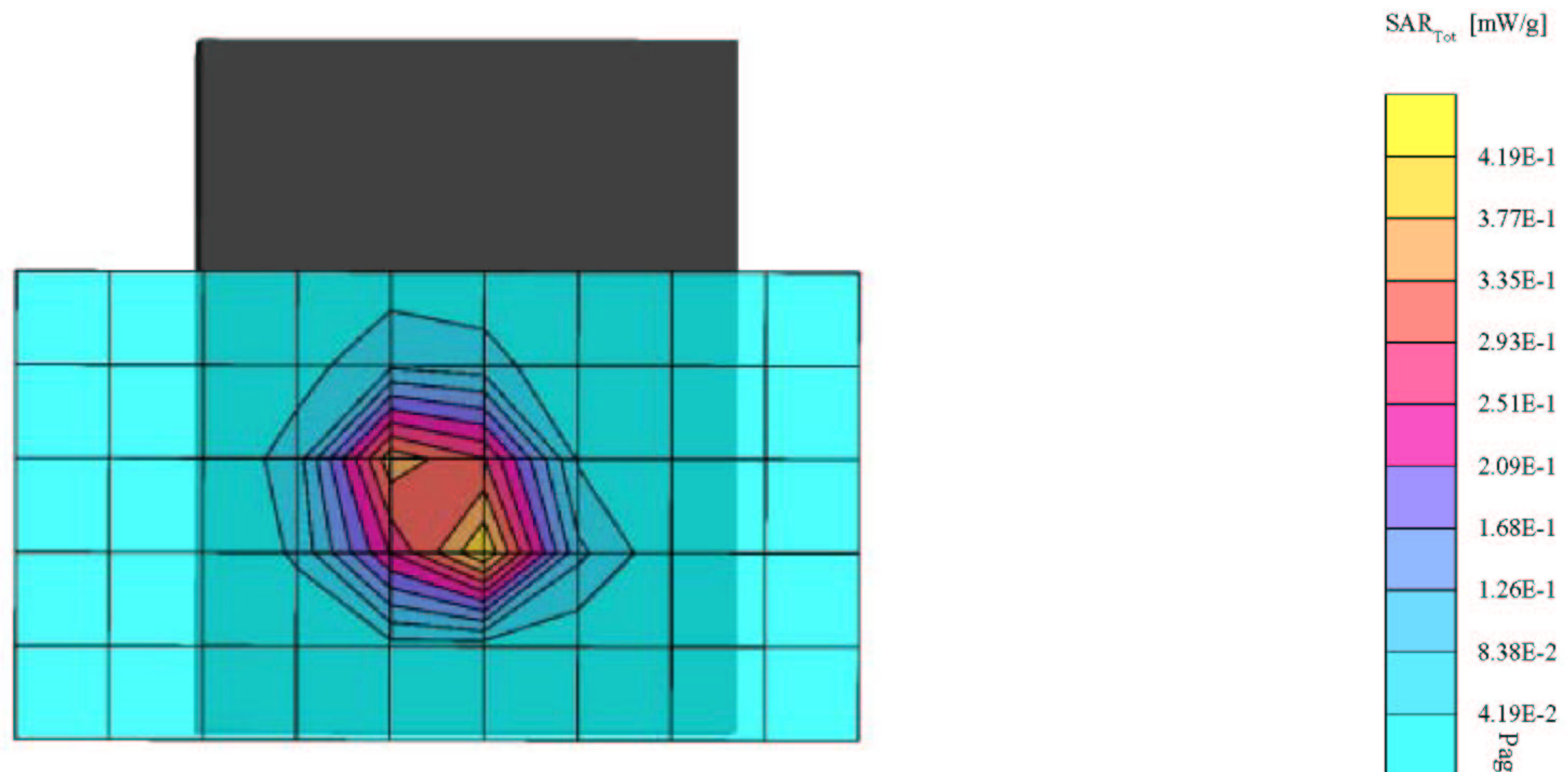
Cube 5x5x7

Peak: 0.838 mW/g

Penetration depth: 7.5 (7.2, 8.3) [mm]

Ambient Temperature / 22.8 degree.c

Liquid Temperature / Before 21.3 degree.c /After 21.3 degree.c



APPENDIX 3 : Validation Measurement data

UL Apex Co., Ltd.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone: +81 596 24 8116

Facsimile: +81 596 24 8124

System Validation / Dipole 2450MHz

Test date : 07/08/03
Report No. : 23KE0051-HO-1
FCC ID : B6BZB-101AA

SAR (1g): 13.9 mW/g \pm 0.00 dB, SAR (10g): 6.29 mW/g \pm 0.00 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.81$ mho/m $\epsilon_r = 35.9$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cubes (2)
Peak: 29.3 mW/g \pm 0.01 dB
Penetration depth: 6.3 (6.0, 6.9) [mm]
Powerdrift: -0.01 dB

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

