APPENDIX 2: SAR Measurement data

PC-TN10W / Body / Bottom of base (Antenna of display top) / 2437MHz

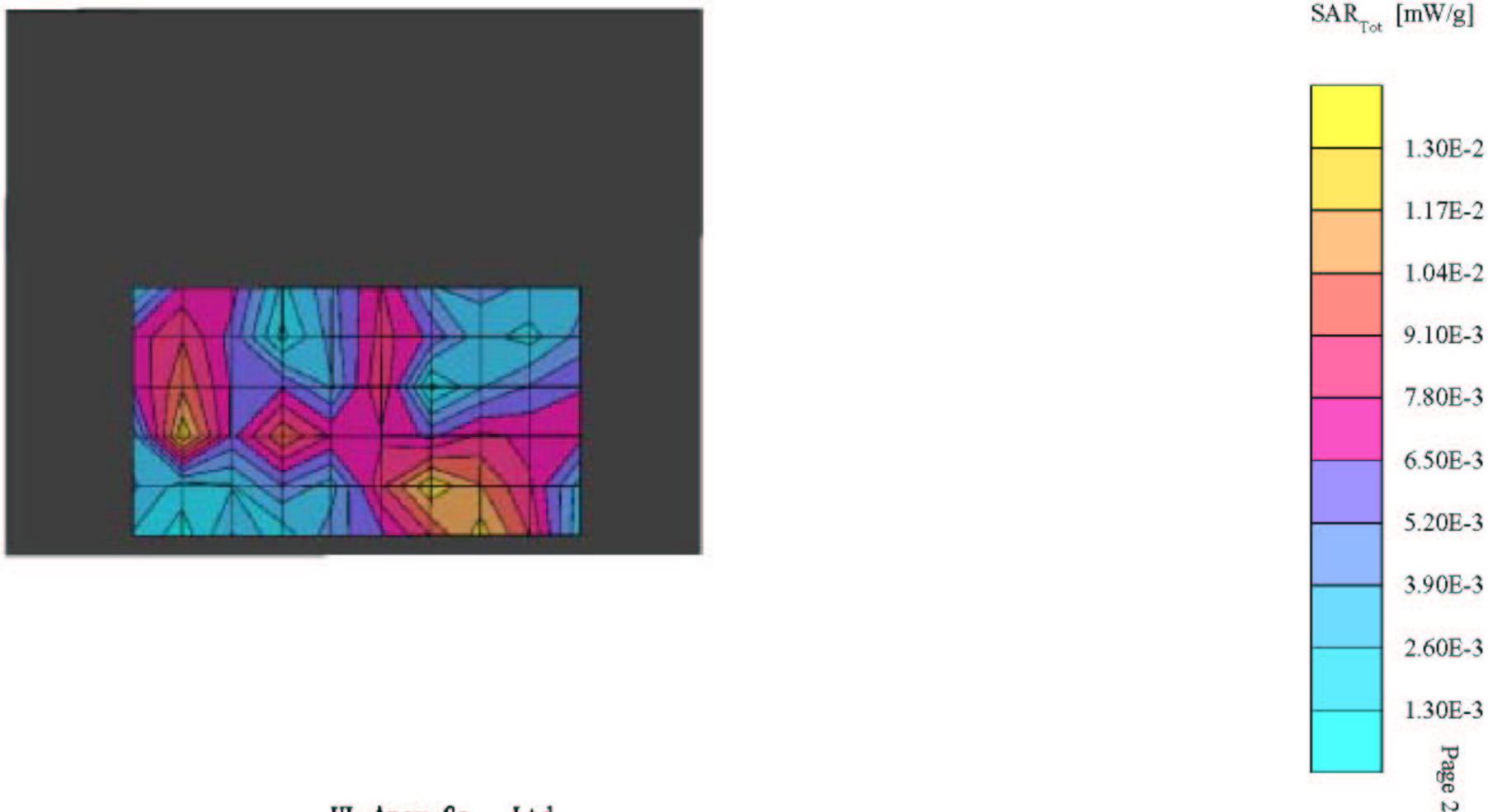
SAR (1g): 0.0153 mW/g, SAR (10g): 0.0081 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0261 mW/g
Penetration depth: 7.0 (5.6, 8.5) [mm]

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



PC-TN10W / Body / Face of display top / 2437MHz

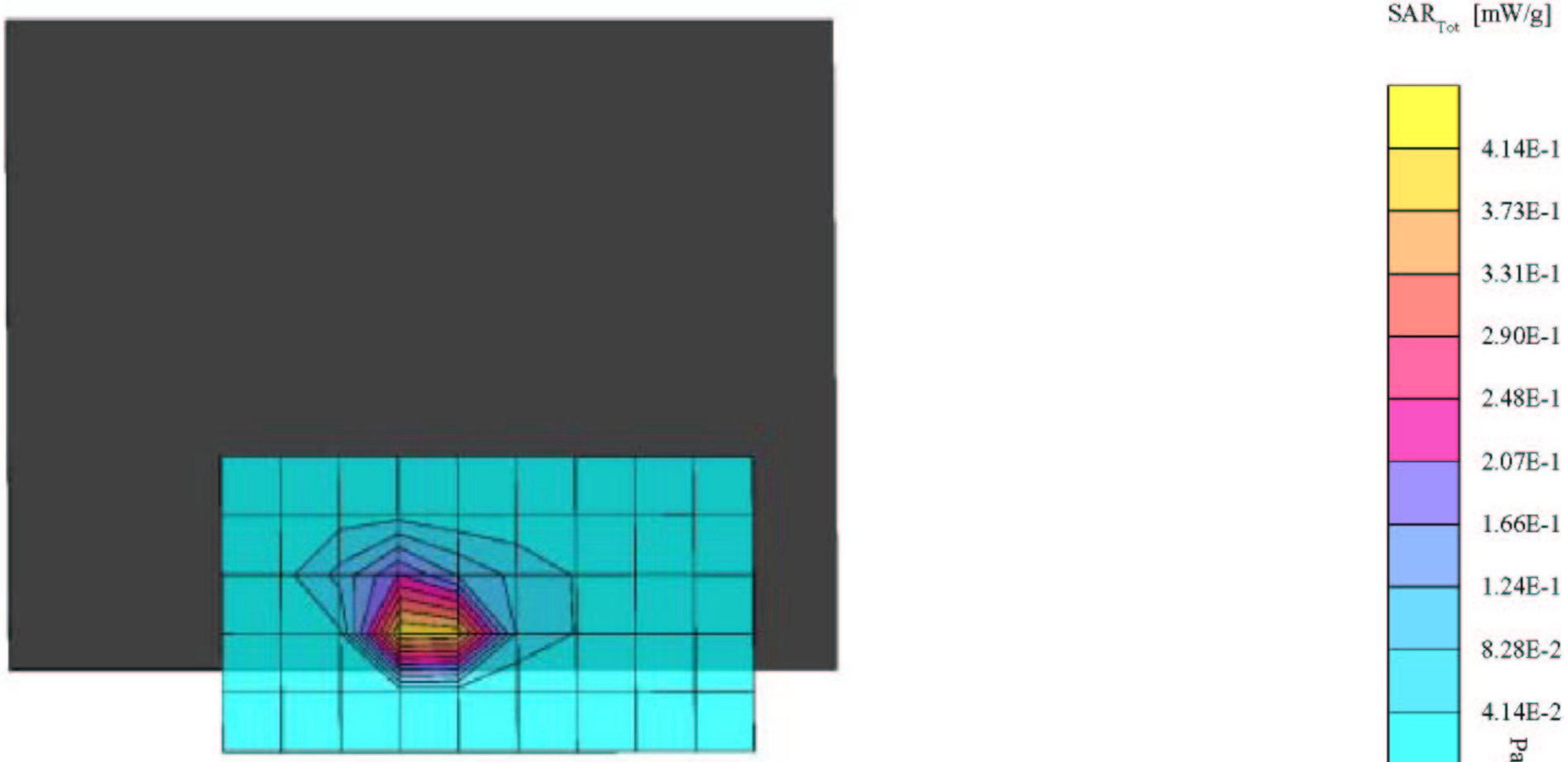
SAR (1g): 0.560 mW/g, SAR (10g): 0.232 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 1.35 mW/g
Penetration depth: 5.3 (4.9, 6.4) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.6 degree.c /After 22.8 degree.c

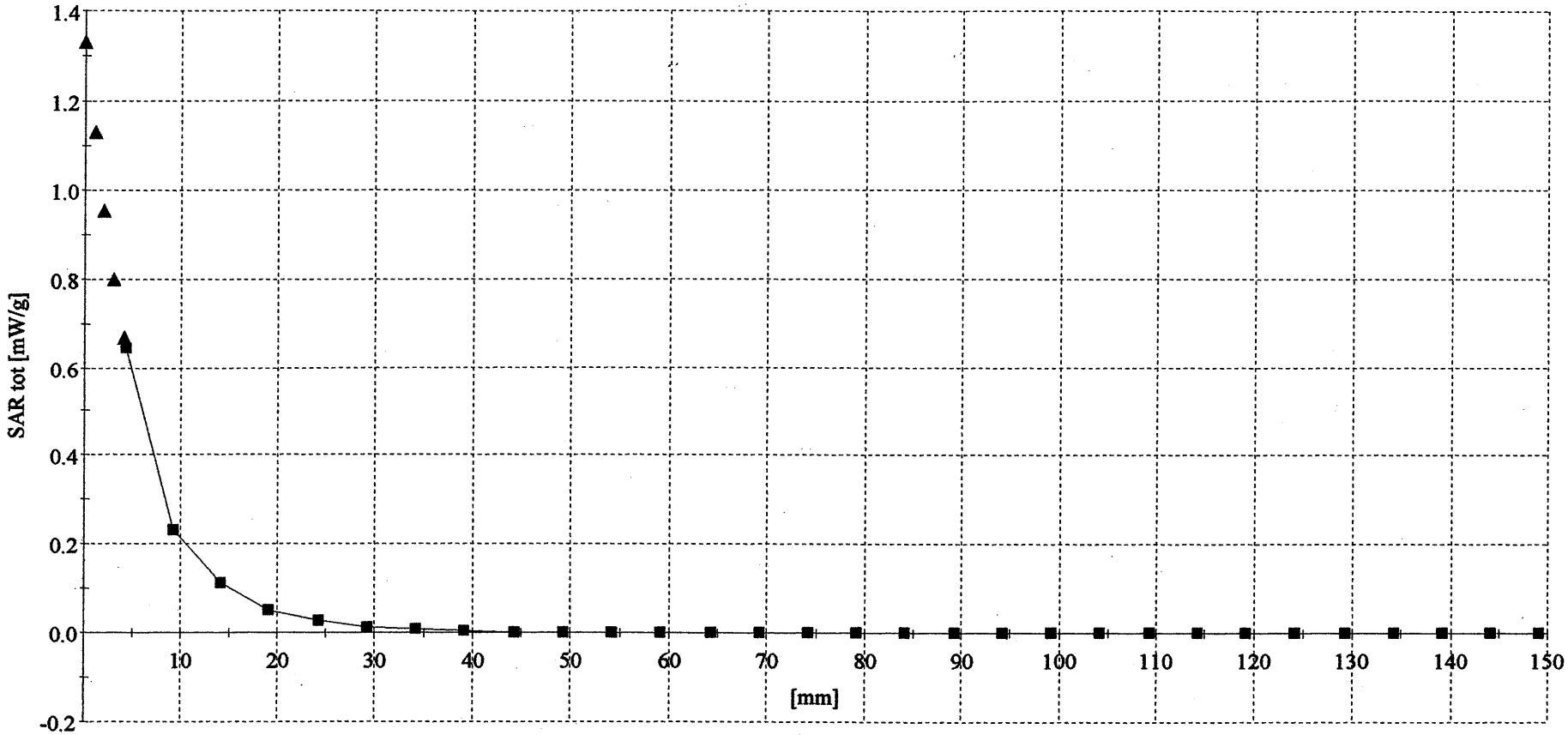


Z-axis scan at max SAR location

(PC-TN10W / Body / Face of display top / 2437MHz)

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)



PC-TN10W / Body / Back of display top / 2437MHz

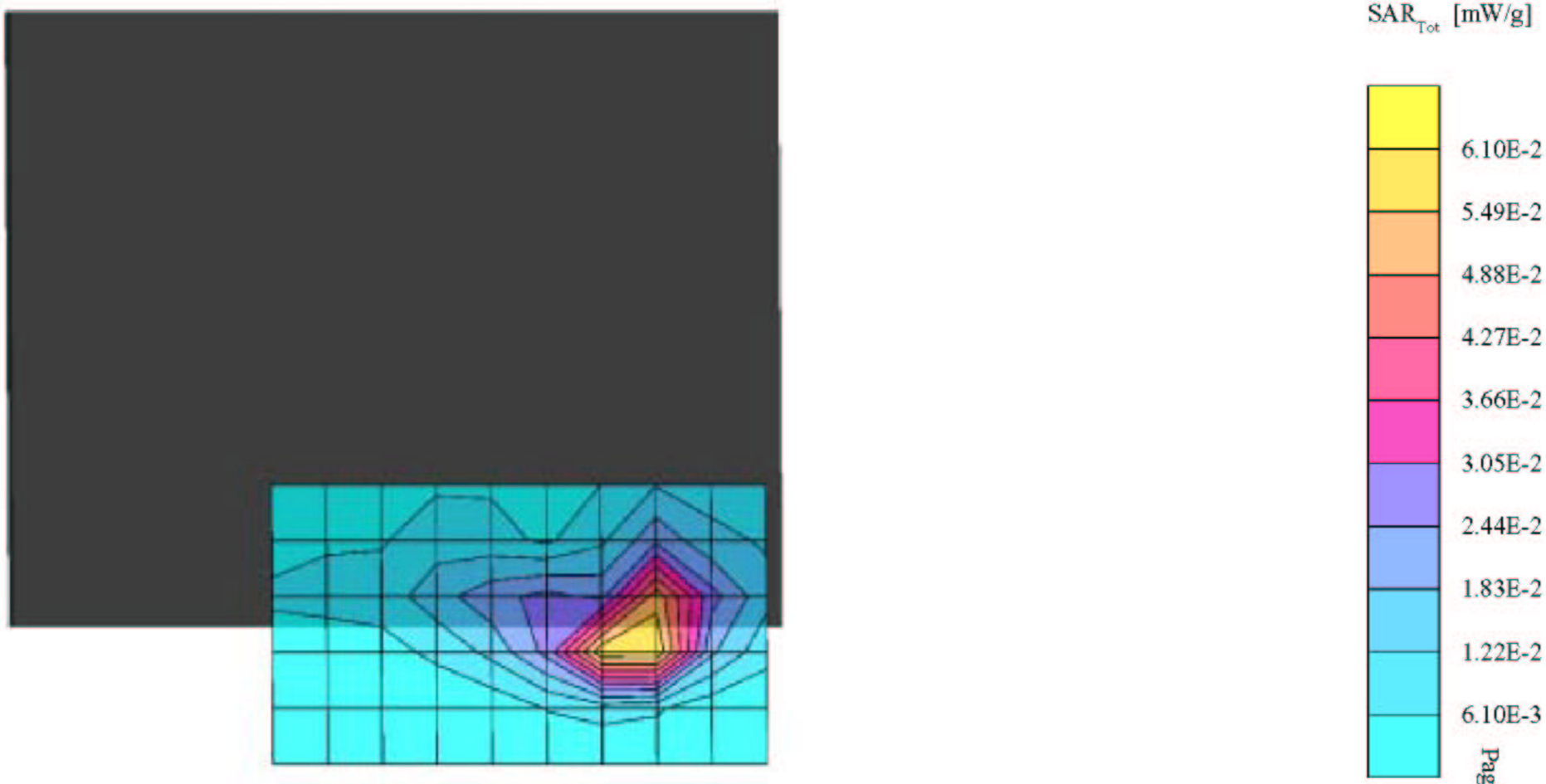
SAR (1g): 0.0753 mW/g, SAR (10g): 0.0383 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.150 mW/g
Penetration depth: 7.1 (6.7, 8.1) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.8 degree.c /After 22.9 degree.c



PC-TN10W / Body / Side of display top / 2437MHz

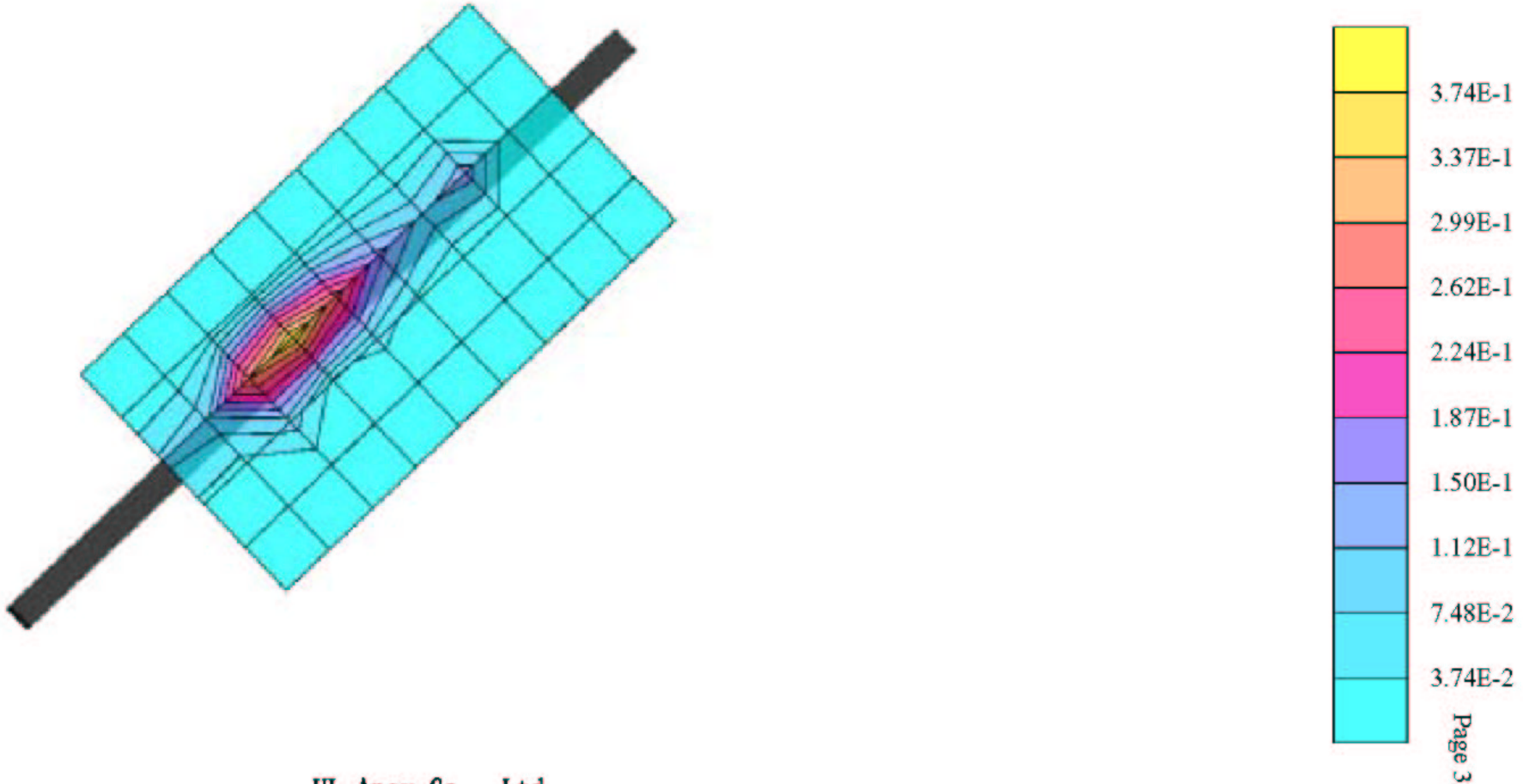
SAR (1g): 0.497 mW/g, SAR (10g): 0.216 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 1.14 mW/g
Penetration depth: 6.2 (5.9, 7.1) [mm]

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



PC-TN10W / Body / Face of display top / 2412MHz

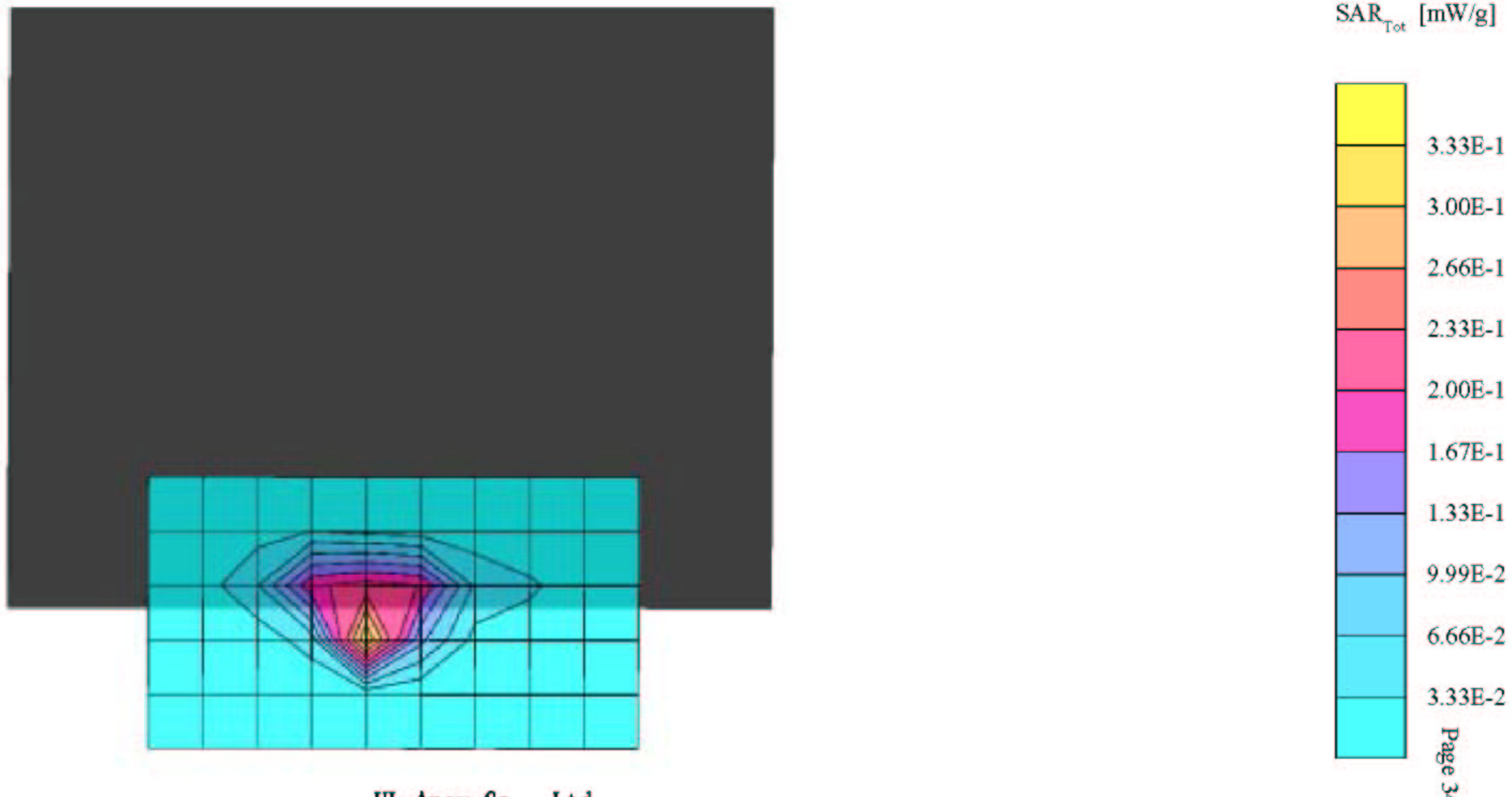
SAR (1g): 0.493 mW/g, SAR (10g): 0.217 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 1.10 mW/g
Penetration depth: 6.0 (5.6, 6.9) [mm]

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



PC-TN10W / Body / Face of display top / 2462MHz

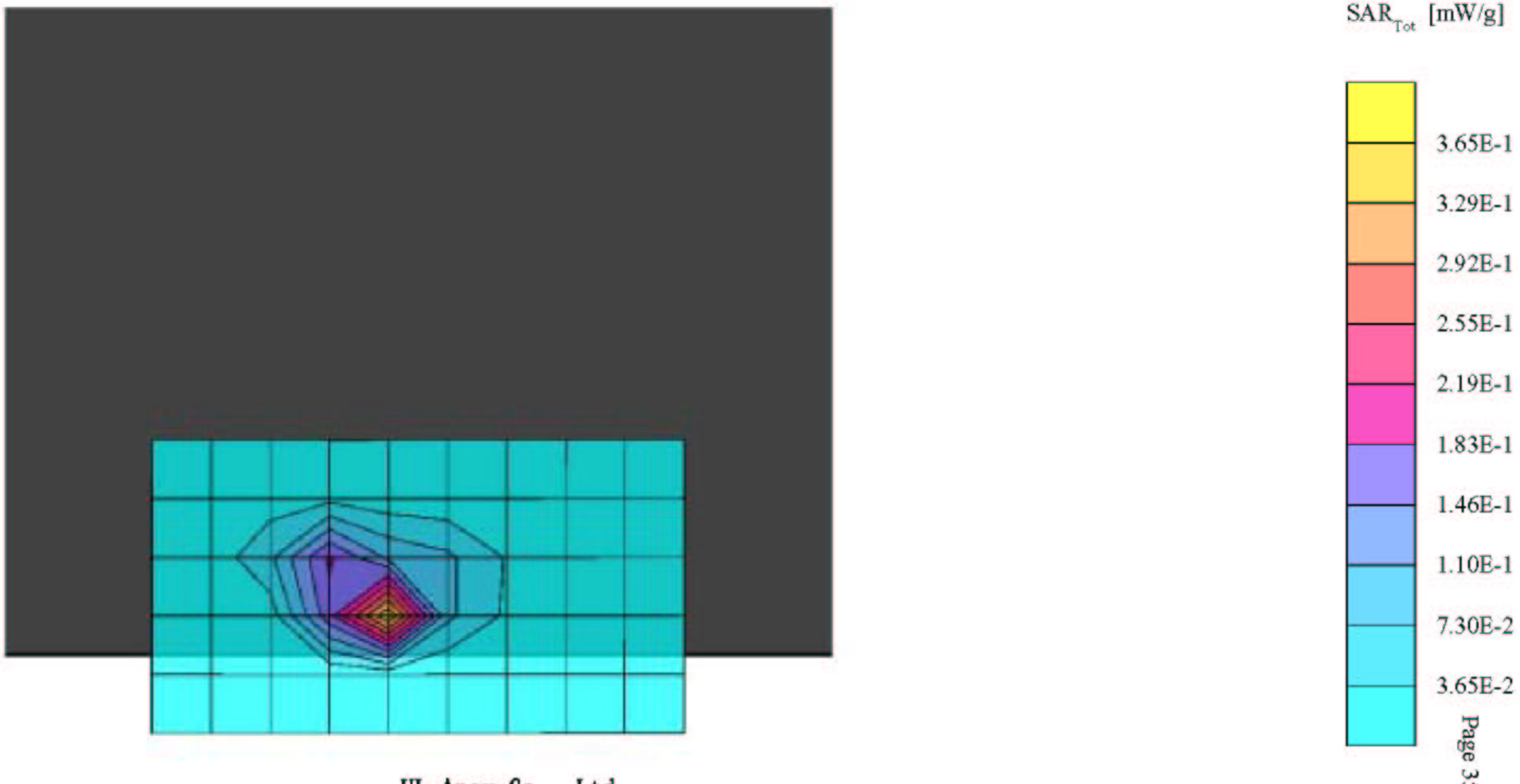
SAR (1g): 0.403 mW/g, SAR (10g): 0.178 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.916 mW/g
Penetration depth: 6.3 (6.0, 7.1) [mm]

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



PC-TN10W / Body / Bottom of base (Antenna of display under) / 2437MHz

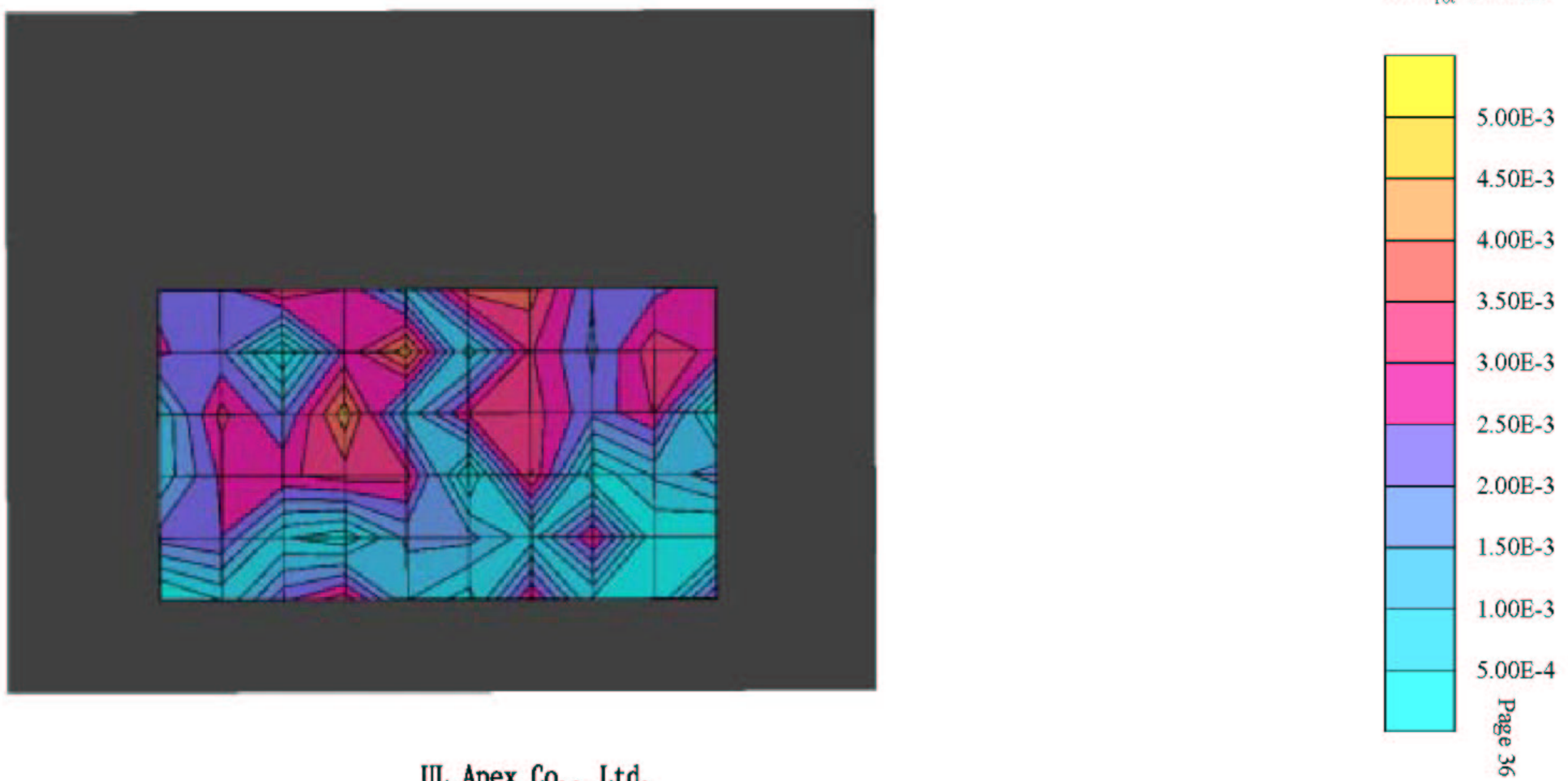
SAR (1g): 0.0042 mW/g *, SAR (10g): 0.0022 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0231 mW/g
Penetration depth: 20.5 (14.7, 49.3) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.6 degree.c /After 22.6degree.c



PC-TN10W / Body / Face of display under / 2437MHz

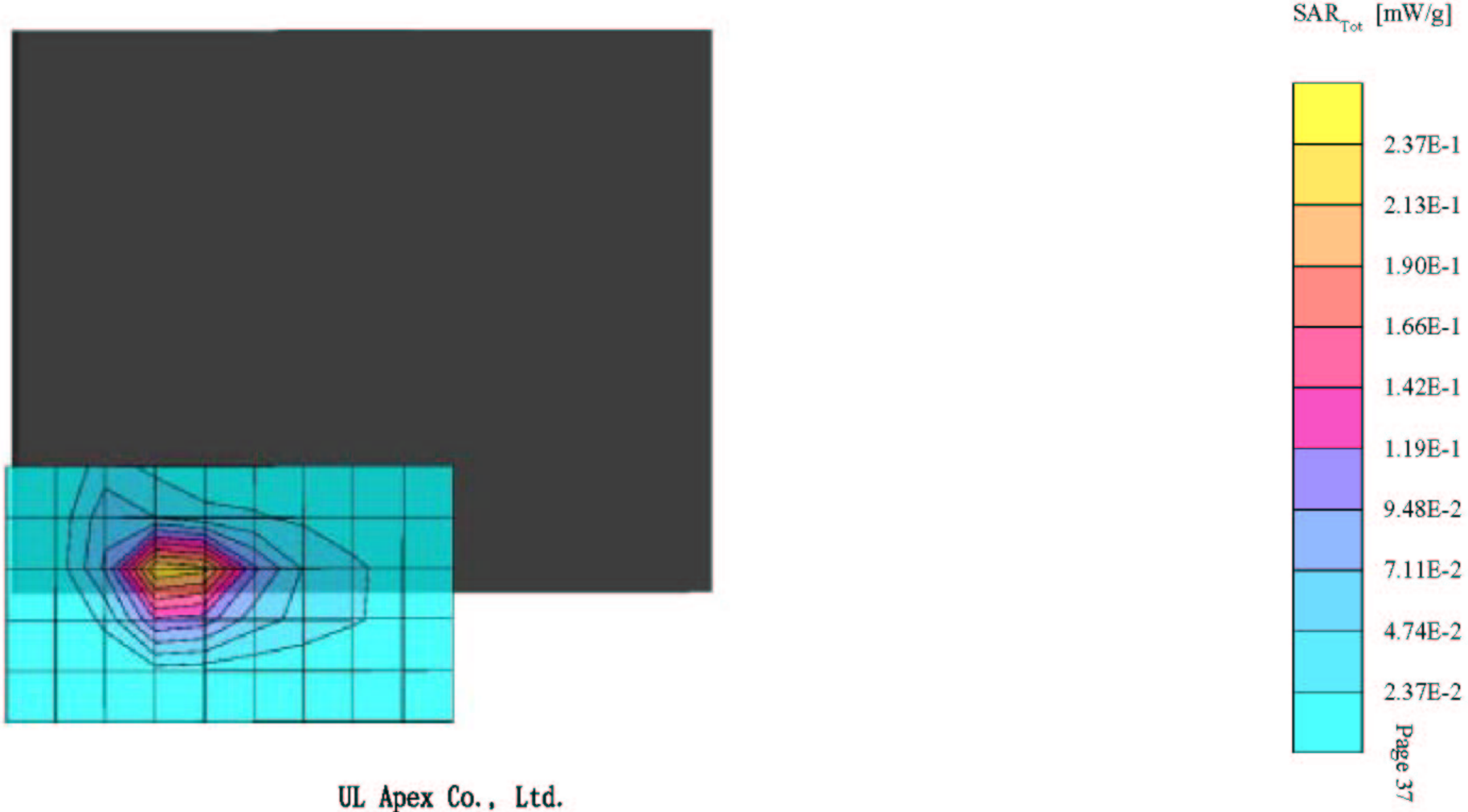
SAR (1g): 0.493 mW/g, SAR (10g): 0.195 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 1.16 mW/g
Penetration depth: 6.7 (6.4, 7.6) [mm]

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



PC-TN10W / Body / Back of display under / 2437MHz

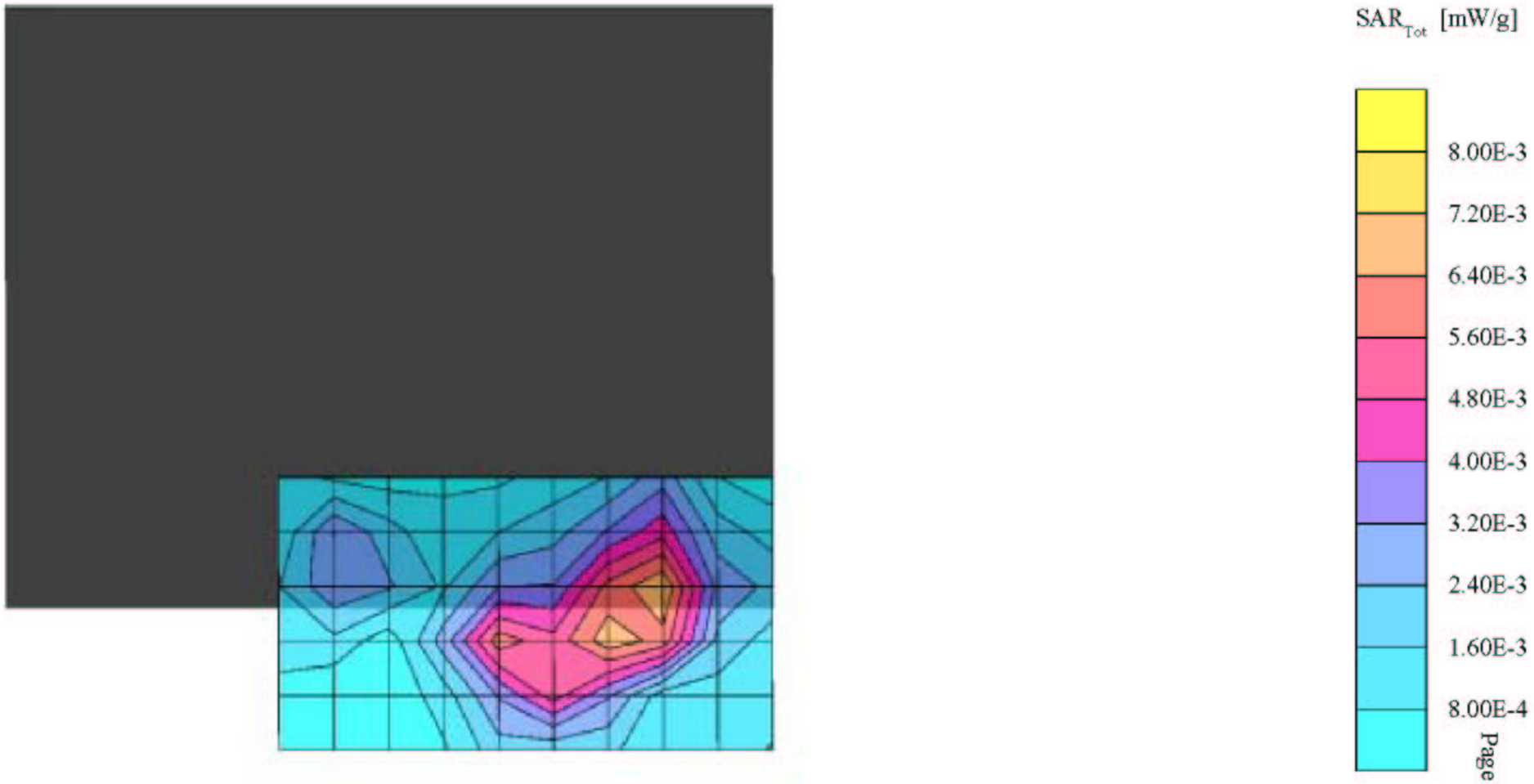
SAR (1g): 0.0083 mW/g, SAR (10g): 0.0046 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0170 mW/g
Penetration depth: 7.7 (6.5, 10.1) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.6 degree.c /After 22.6 degree.c



PC-TN10W / Body / Side of display under / 2437MHz

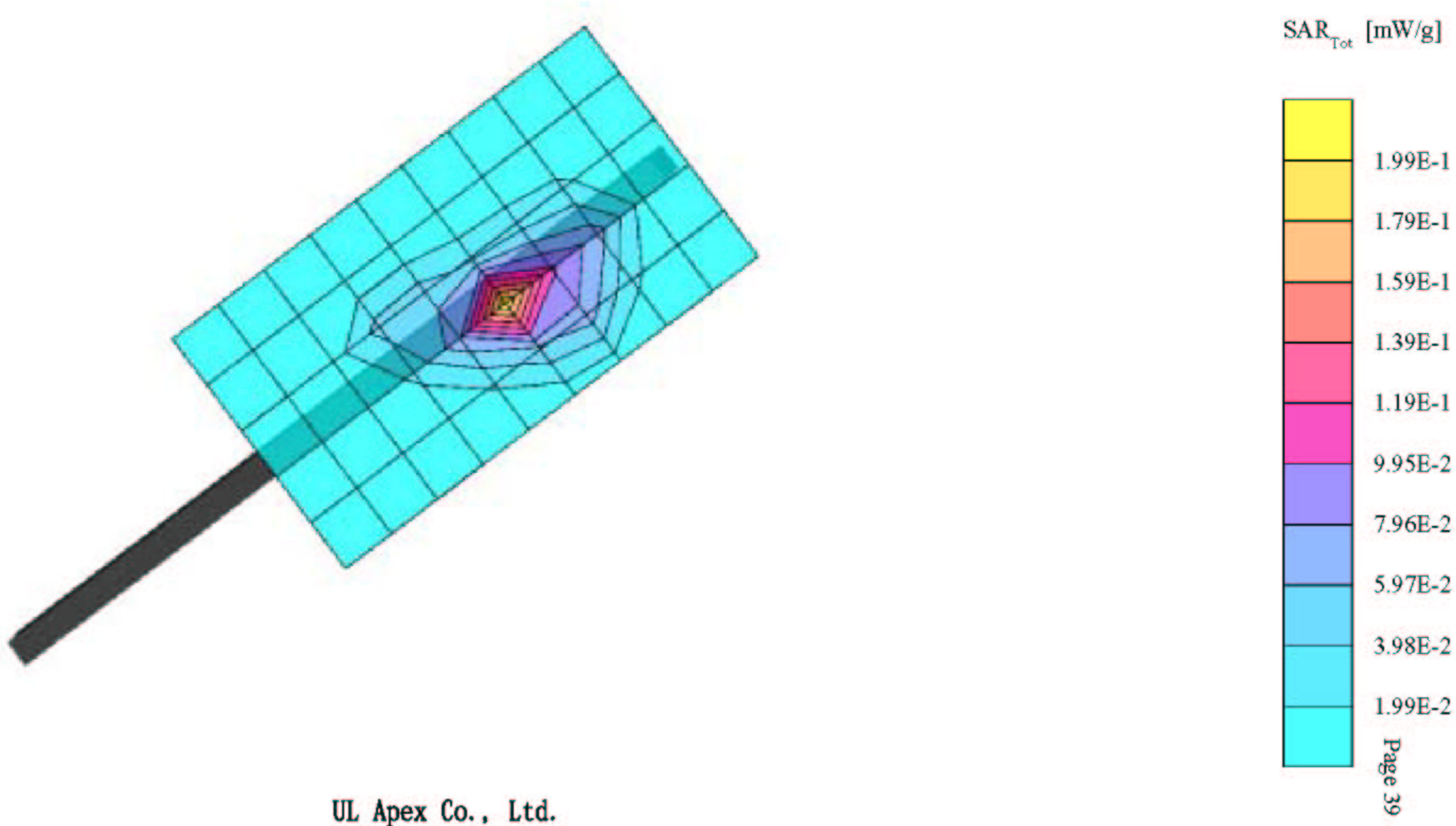
SAR (1g): 0.186 mW/g, SAR (10g): 0.0922 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.378 mW/g
Penetration depth: 7.2 (6.7, 8.3) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.6 degree.c /After 22.6 degree.c



PC-TN10W / Body / Face of display under / 2412MHz

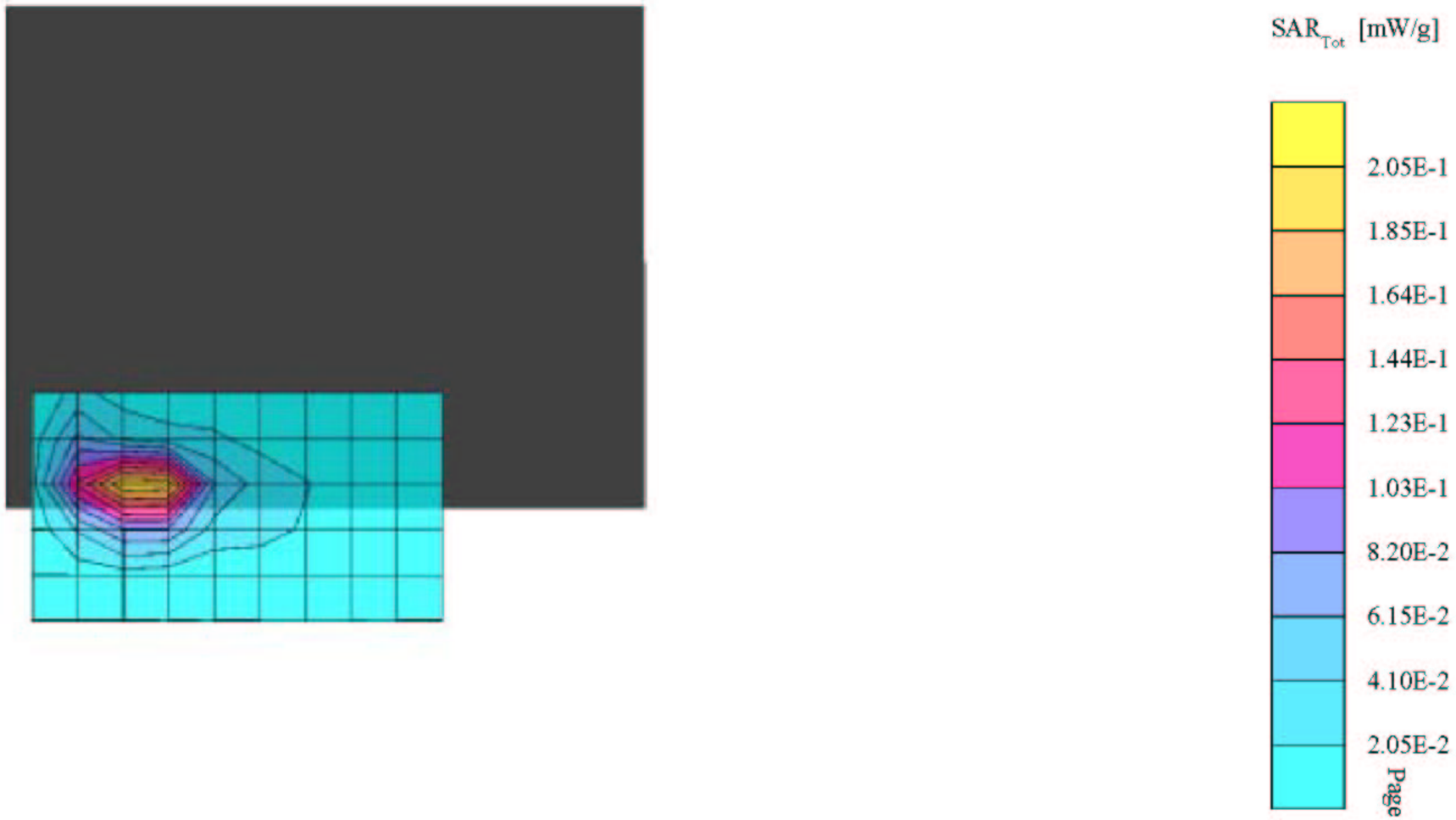
SAR (1g): 0.435 mW/g, SAR (10g): 0.163 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 1.06 mW/g
Penetration depth: 7.6 (7.5, 7.9) [mm]

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

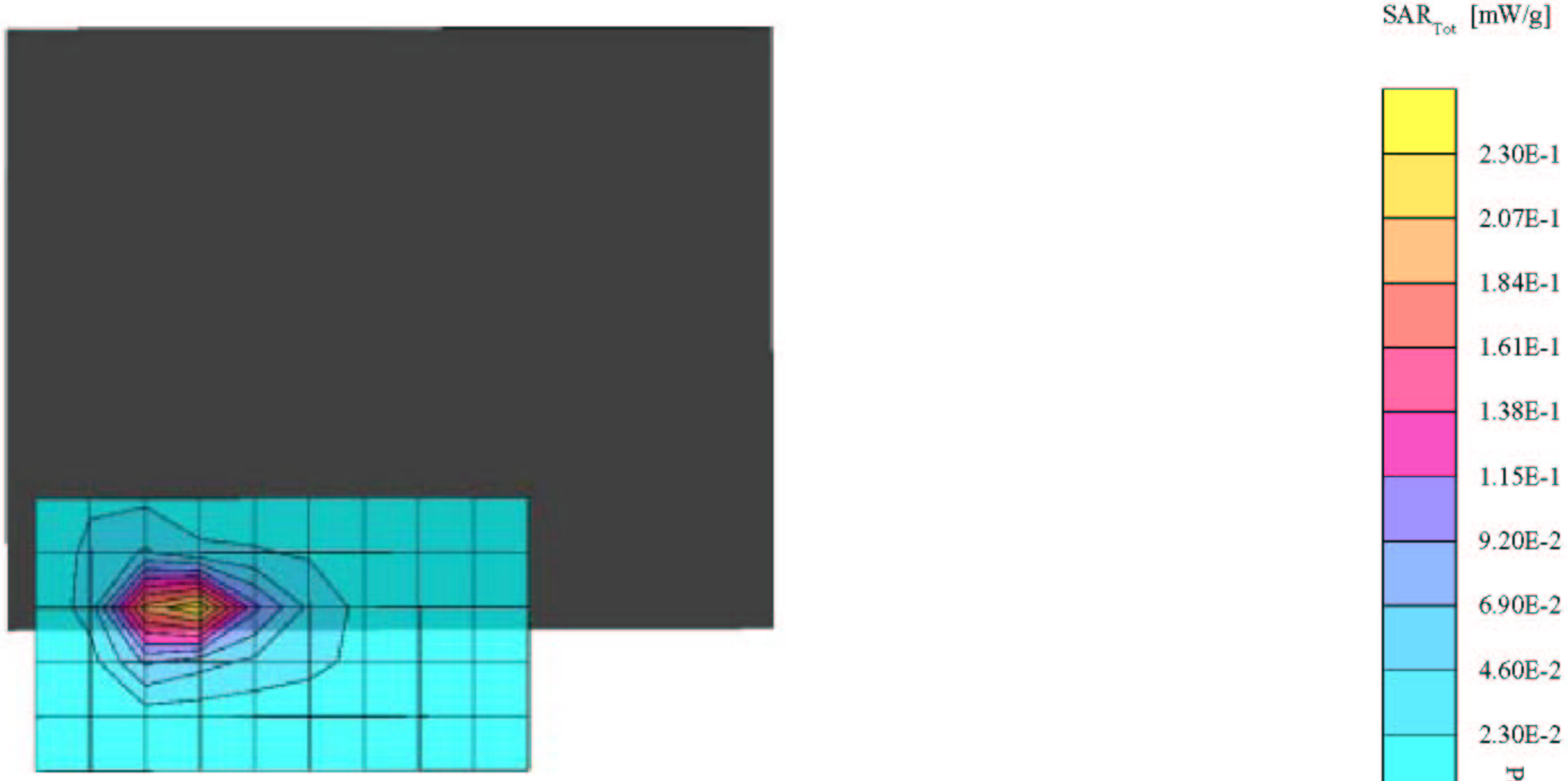


PC-TN10W / Body / Face of display under / 2462MHz

SAR (1g): 0.366 mW/g, SAR (10g): 0.148 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.99 mho/m ε_r = 47.6 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.871 mW/g
Penetration depth: 6.9 (6.6, 7.8) [mm]

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