APPENDIX 2: SAR Measurement data

PCG-481L / Body / Center-Bottom of base / 2437MHz

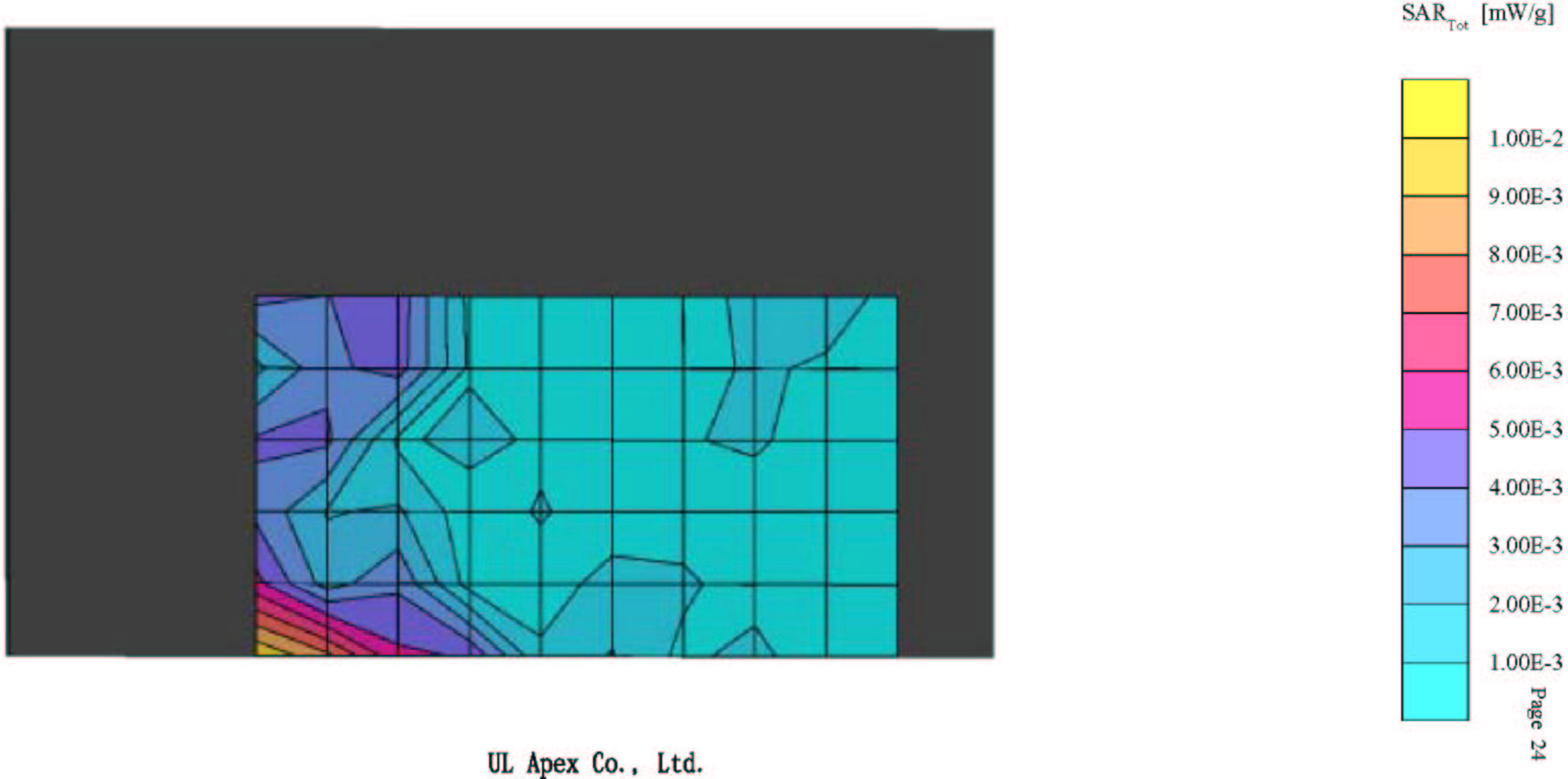
SAR (1g): 0.0064 mW/g *, SAR (10g): 0.0038 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0177 mW/g
Penetration depth: 8.3 (7.5, 9.5) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature / Before 23.6 degree.c /After 23.6 degree.c



PCG-481L / Body / Left-Bottom of base / 2437MHz

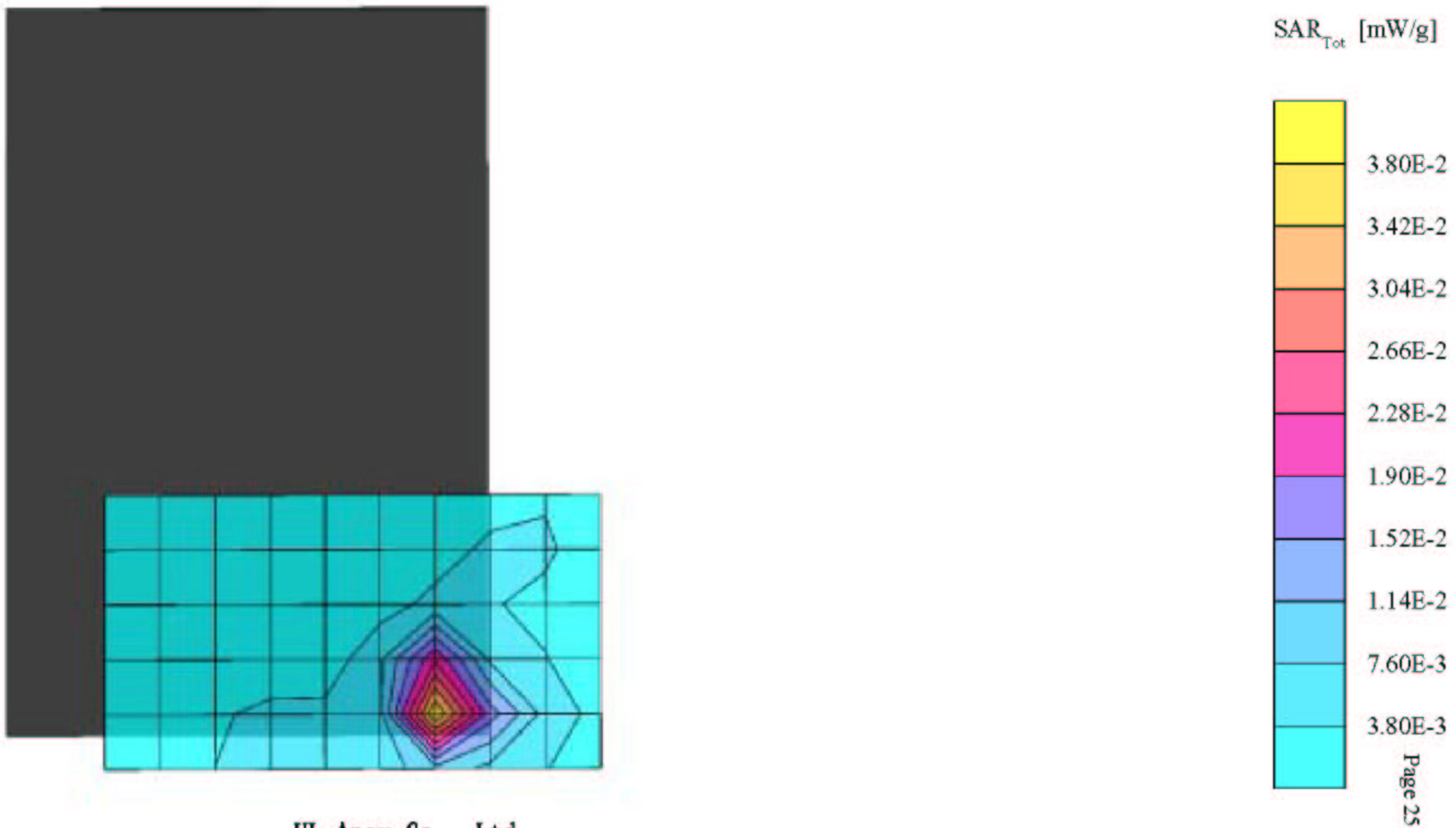
SAR (1g): 0.0392 mW/g, SAR (10g): 0.0188 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0772 mW/g
Penetration depth: 7.3 (6.9, 8.5) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature / Before 23.6 degree.c /After 23.6 degree.c



PCG-481L / Body / Back of display / 2437MHz

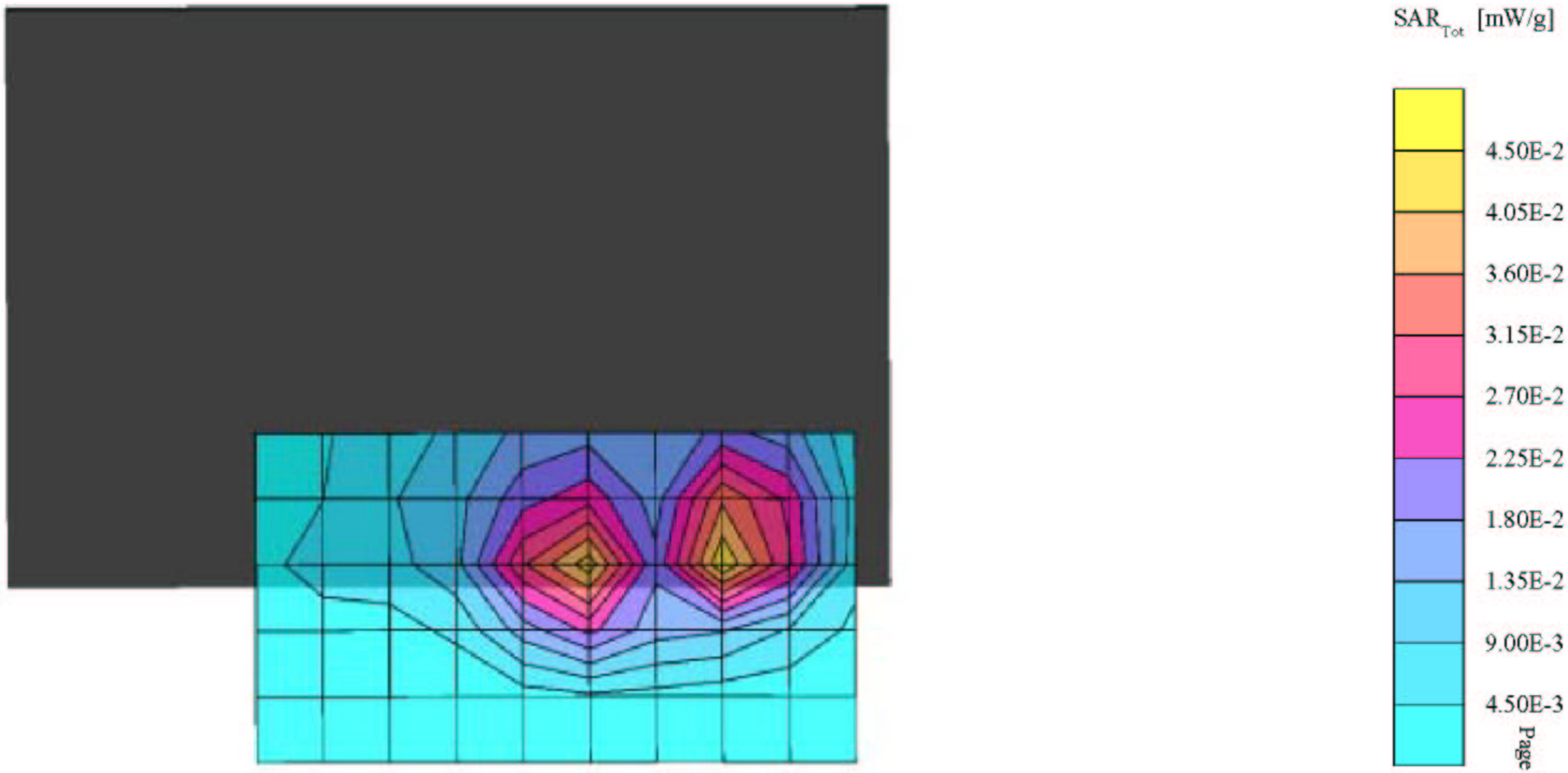
SAR (1g): 0.0446 mW/g, SAR (10g): 0.0250 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0803 mW/g
Penetration depth: 8.5 (8.2, 9.2) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature / Before 23.6 degree.c /After 23.6 degree.c



PCG-481L / Body / Side of display / 2437MHz

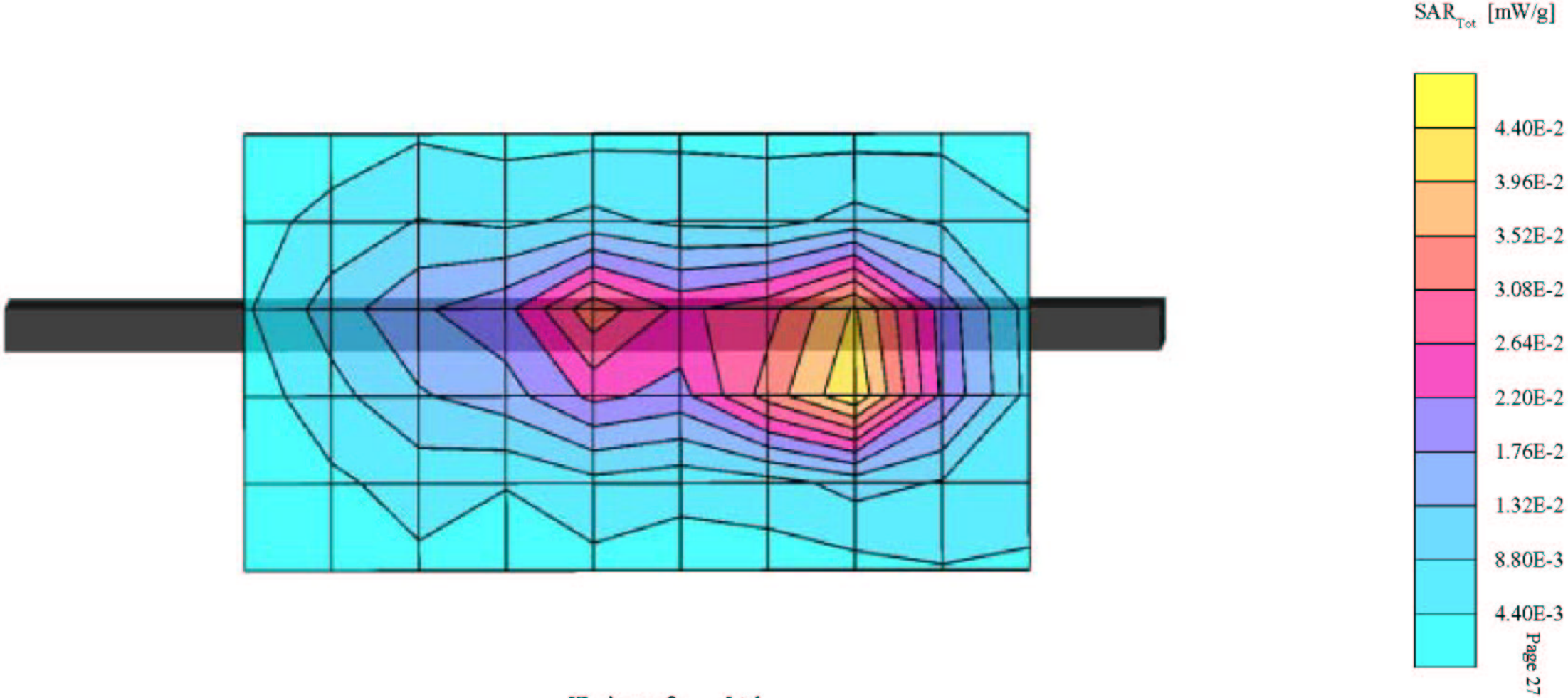
SAR (1g): 0.0533 mW/g, SAR (10g): 0.0288 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.101 mW/g
Penetration depth: 8.0 (7.4, 9.1) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature / Before 23.8 degree.c /After 23.8 degree.c



PCG-481L / Body / Side of display / 2412MHz

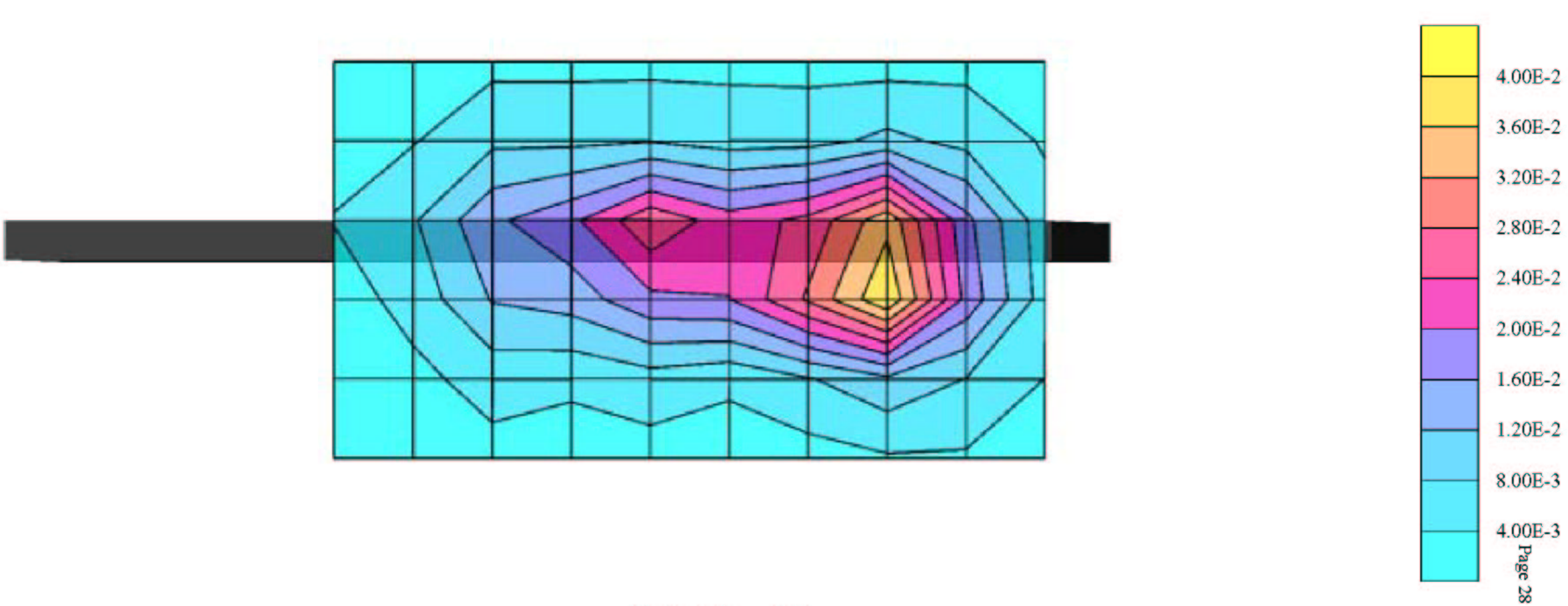
SAR (1g): 0.0463 mW/g, SAR (10g): 0.0253 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0862 mW/g
Penetration depth: 8.2 (7.5, 9.7) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature / Before 23.8 degree.c /After 23.8 degree.c



PCG-481L / Body / Side of display / 2462MHz

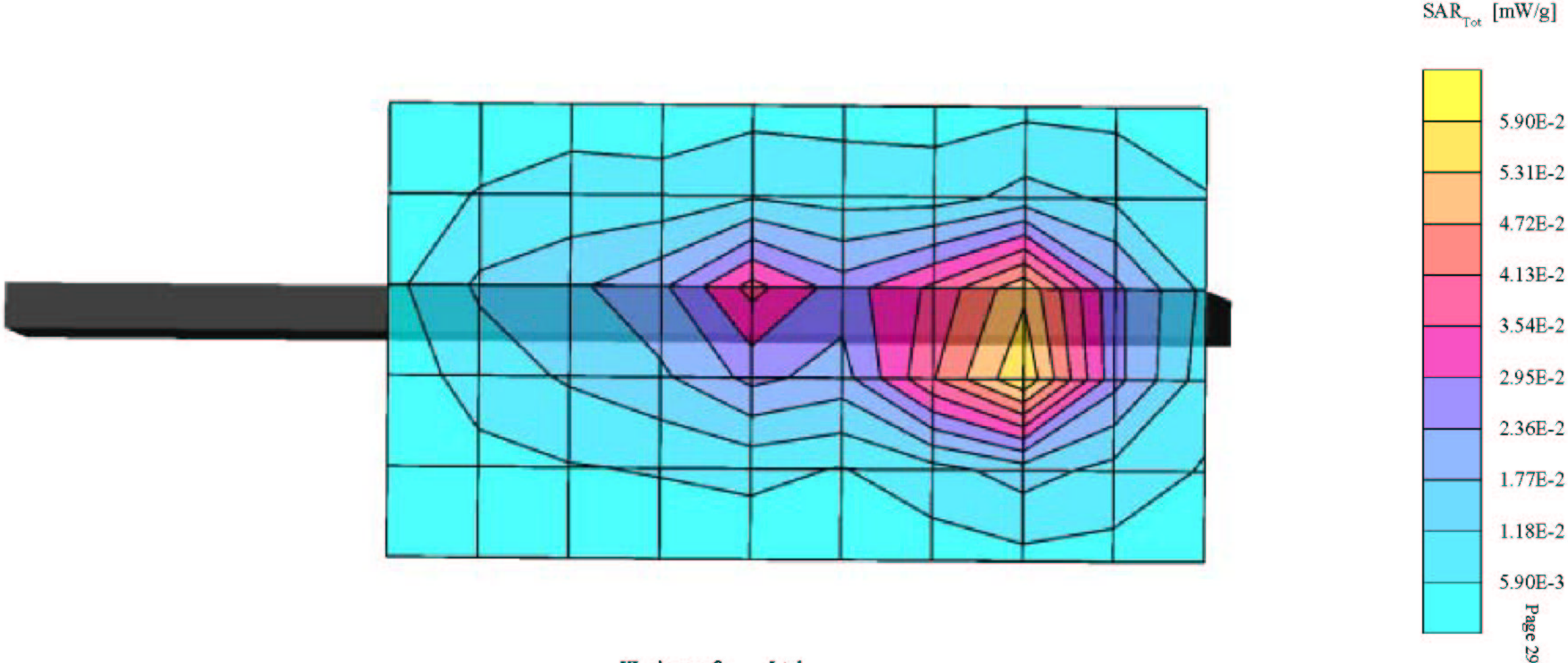
SAR (1g): 0.0687 mW/g, SAR (10g): 0.0369 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.129 mW/g
Penetration depth: 7.9 (7.4, 8.9) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature / Before 23.8 degree.c /After 23.6 degree.c



Z-axis scan at max SAR location
(PCG-481L / Body / Side of display / 2462MHz)

Crest factor : 1.0

Medium : Body 2450 MHz: σ = 1.98 mho/m ε_r = 47.9 ρ = 1.00 g/cm^3
Phantom : SAM
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)