

APPENDIX 2: SAR Measurement data

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WLL-CA50 / Head / Side 13cm of Antenna / 16QAM / 2438MHz

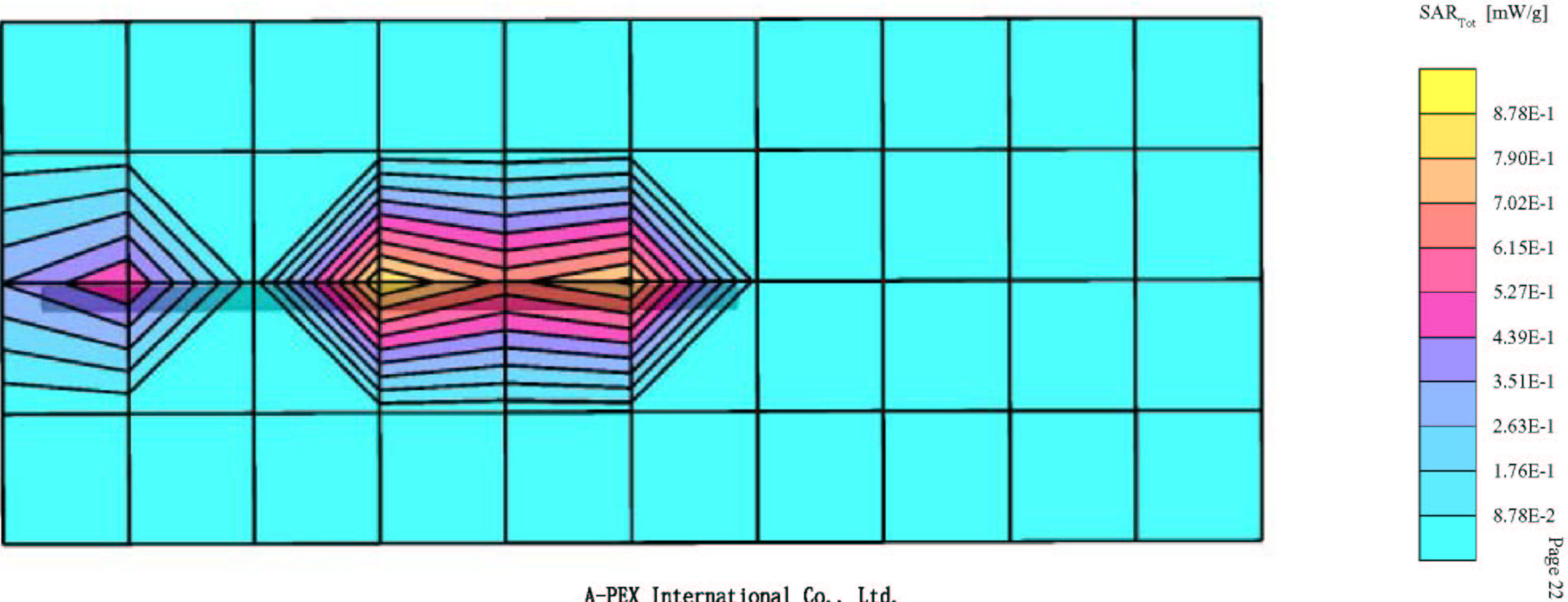
SAR (1g): 0.858 mW/g :Worst-case extrapolation
SAR (10g): 0.355 mW/g :Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.82 \text{ mho/m}$ $\epsilon_r = 37.4$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cube 5x5x7
Peak: 1.91 mW/g
Penetration depth: 5.9 (5.6, 6.6) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature /Before 24.2 degree.c /After 24.2 degree.c



WLL-CA50 / Head / Side 30cm of Antenna / 16QAM / 2438MHz

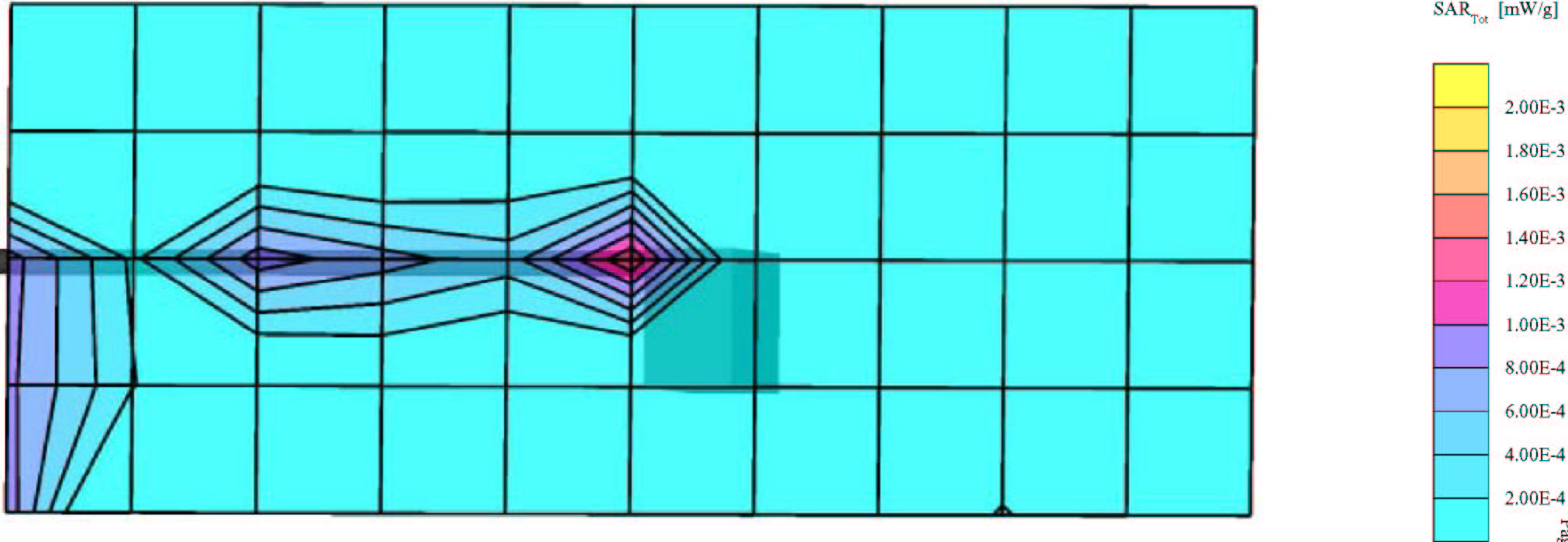
SAR (1g): 0.0010 mW/g :Worst-case extrapolation
SAR (10g): 0.0001 mW/g :Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.82 \text{ mho/m}$ $\epsilon_r = 37.4$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cube 5x5x7
Peak: 0.0045 mW/g
Penetration depth: 2.5 (0.5, 5.5) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature /Before 24.4 degree.c /After 24.4 degree.c



WLL-CA50 / Head / Top of Antenna / 16QAM / 2438MHz

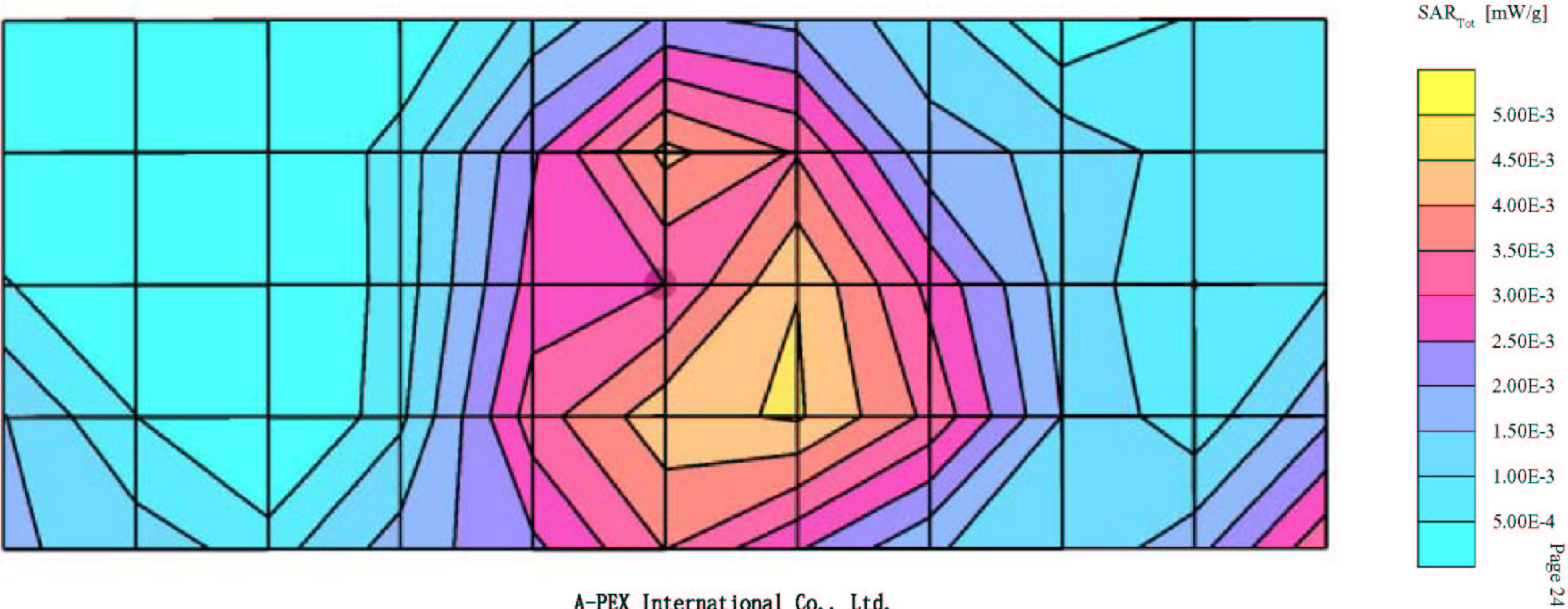
SAR (1g): 0.0047 mW/g :Worst-case extrapolation
SAR (10g): 0.0021 mW/g :Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.82 \text{ mho/m}$ $\epsilon_r = 37.4$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cube 5x5x7
Peak: 0.0110 mW/g
Penetration depth: 3.3 (1.1, 4.8) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature /Before 24.2 degree.c /After 24.2 degree.c



WLL-CA50 / Head / Side 13cm of Antenna / 16QAM / 2406MHz

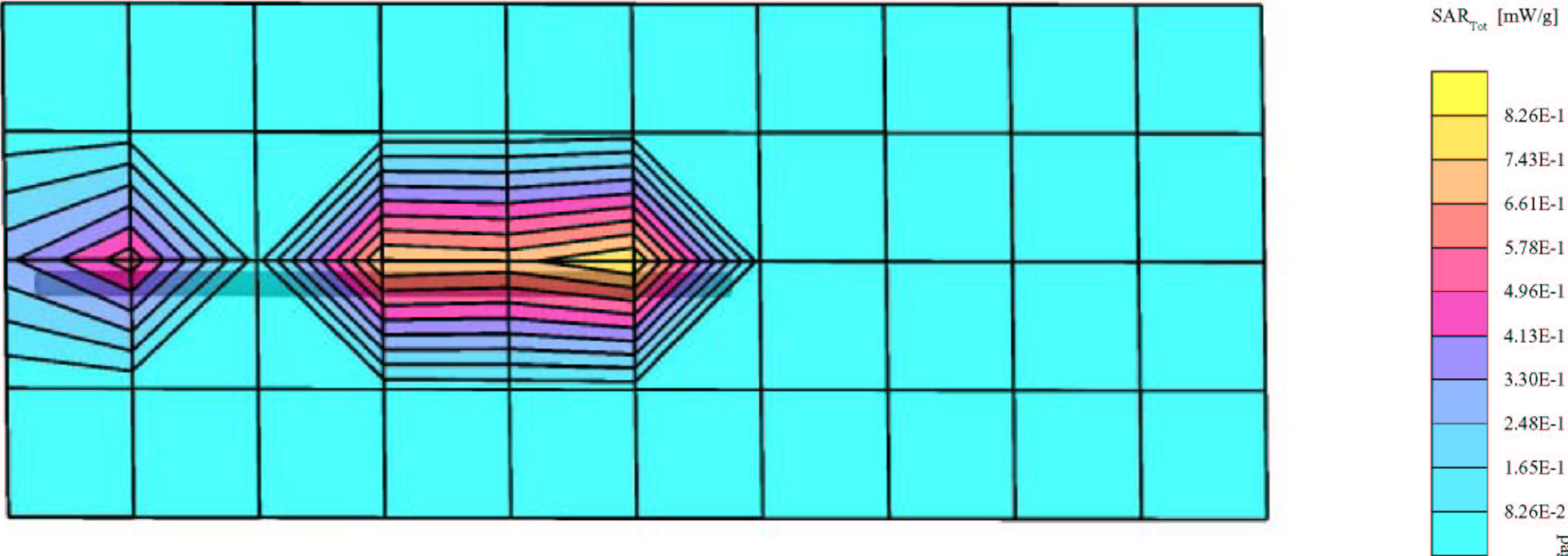
SAR (1g): 0.773 mW/g :Worst-case extrapolation
SAR (10g): 0.313 mW/g :Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.82$ mho/m $\epsilon_r = 37.4$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cube 5x5x7
Peak: 1.80 mW/g
Penetration depth: 5.4 (5.2, 6.1) [mm]

Ambient Temperature / 24.6 degree.c
Liquid Temperature /Before 24.4 degree.c /After24.3 degree.c



WLL-CA50 / Head / Side 13cm of Antenna / 16QAM / 2470MHz

SAR (1g): 0.957 mW/g :Worst-case extrapolation
SAR (10g): 0.392 mW/g :Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.82 \text{ mho/m}$ $\epsilon_r = 37.4$ $\rho = 1.00 \text{ g/cm}^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cube 5x5x7
Peak: 2.13 mW/g
Penetration depth: 5.8 (5.6, 6.5) [mm]

Ambient Temperature /24.6 degree.c
Liquid Temperature /Before 24.2 degree.c /After 24.2 degree.c

