# PCG-492L / Body / Main antenna / Right bottom / 11.g OFDM ( QPSK ) / 2437MHz

**Test date : 07/09/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

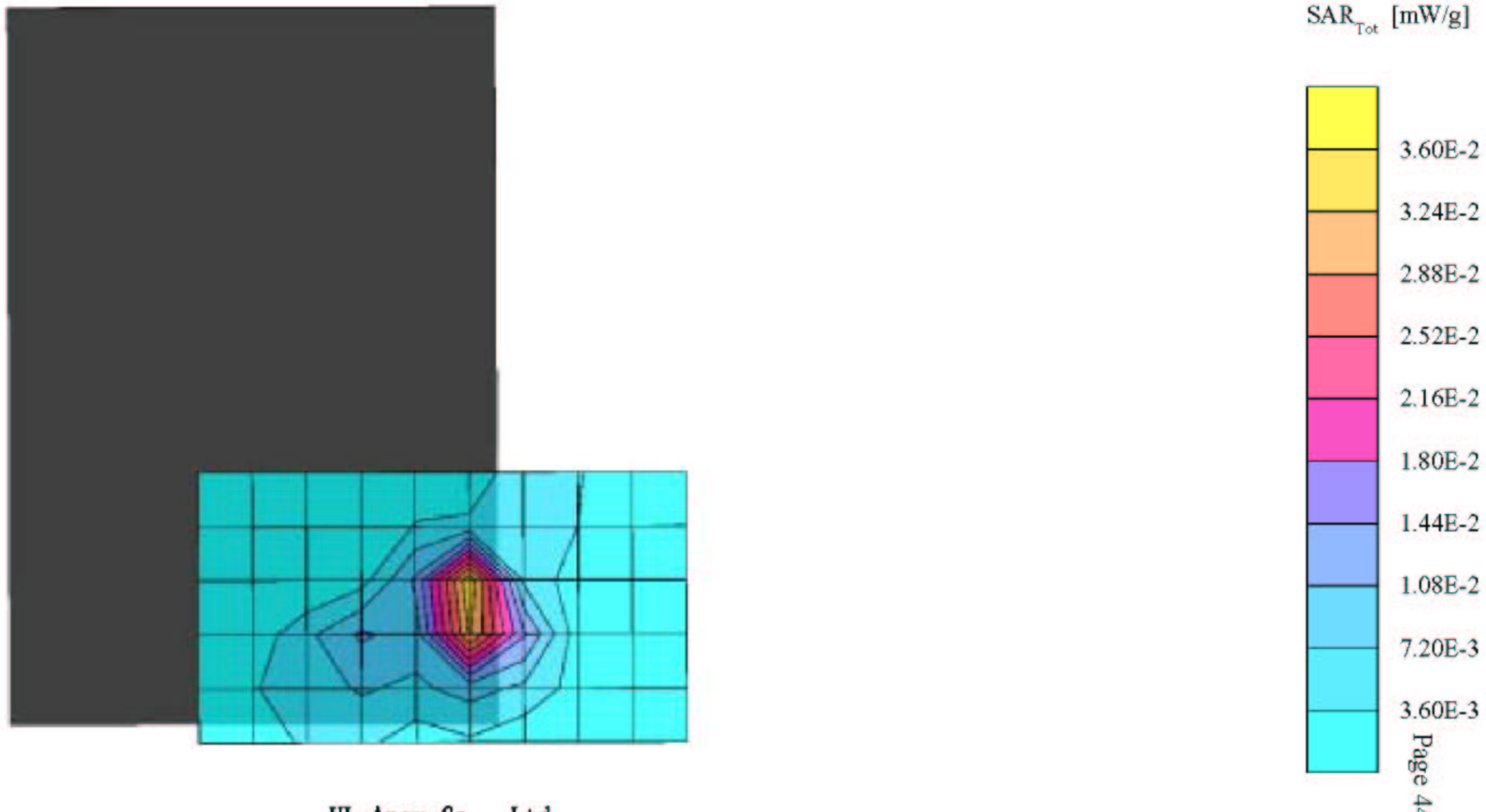
SAR (1g): 0.0420 mW/g, SAR (10g): 0.0194 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0881 mW/g
Penetration depth: 6.7 (6.4, 7.2) [mm]

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



# PCG-492L / Body / Main antenna / Left bottom / 11.g OFDM ( QPSK ) / 2437MHz

**Test date : 07/09/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

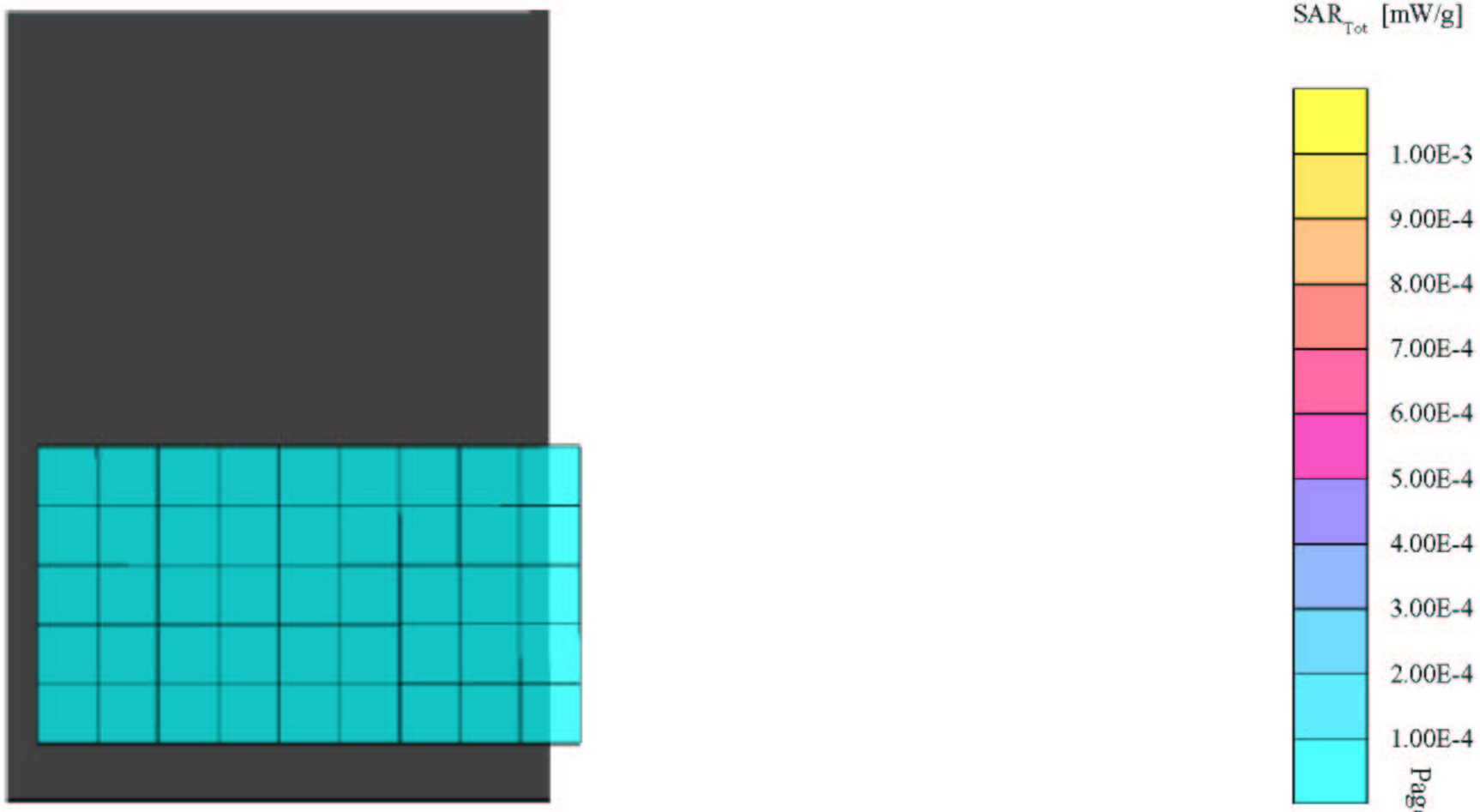
SAR (1g): 0.0002 mW/g * , SAR (10g): -0.00 mW/g Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0051 mW/g
Penetration depth: 75.8 (1.1, 501.2) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.9 degree.c /After 23.0 degree.c



# PCG-492L / Body / Main antenna / Right Back of display / 11.g OFDM ( QPSK ) / 2437MHz

**Test date : 07/09/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

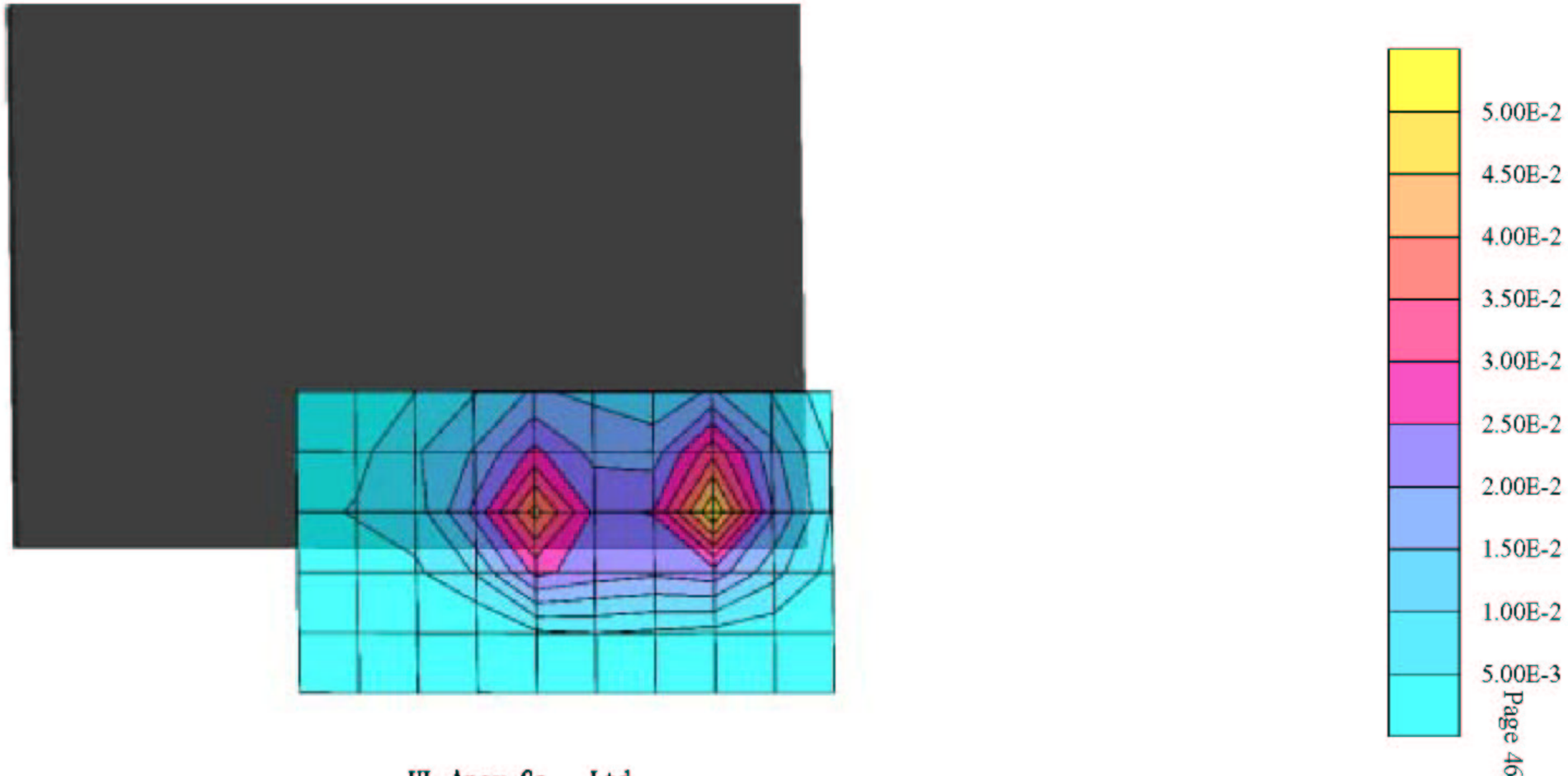
SAR (1g): 0.0465 mW/g, SAR (10g): 0.0250 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0906 mW/g
Penetration depth: 7.8 (7.2, 9.0) [mm]

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



# PCG-492L / Body / Main antenna / Right Top of display / 11.g OFDM ( QPSK ) / 2437MHz

**Test date : 07/09/03**

Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

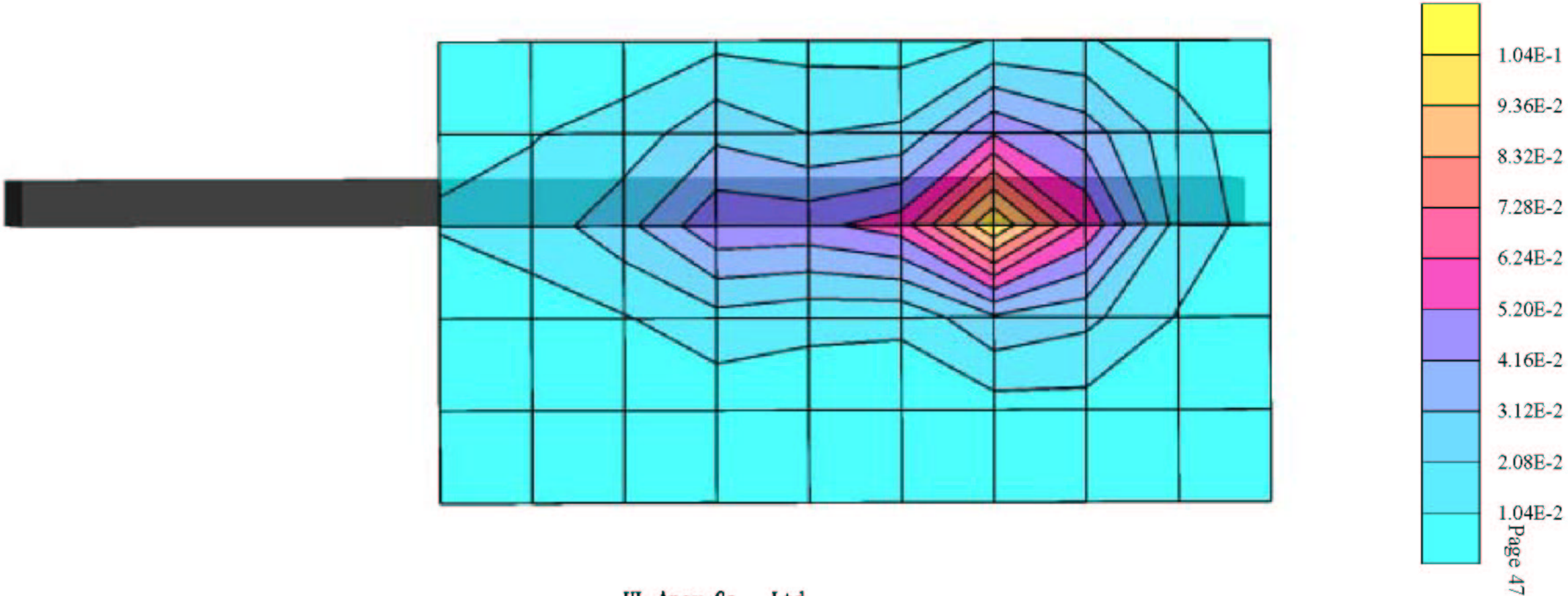
SAR (1g): 0.0995 mW/g, SAR (10g): 0.0517 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.194 mW/g
Penetration depth: 7.2 (6.8, 8.1) [mm]

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



# PCG-492L / Body / Main antenna / Right Top of display / 11.g OFDM ( QPSK ) / 2412MHz

**Test date : 07/09/ 03**

Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

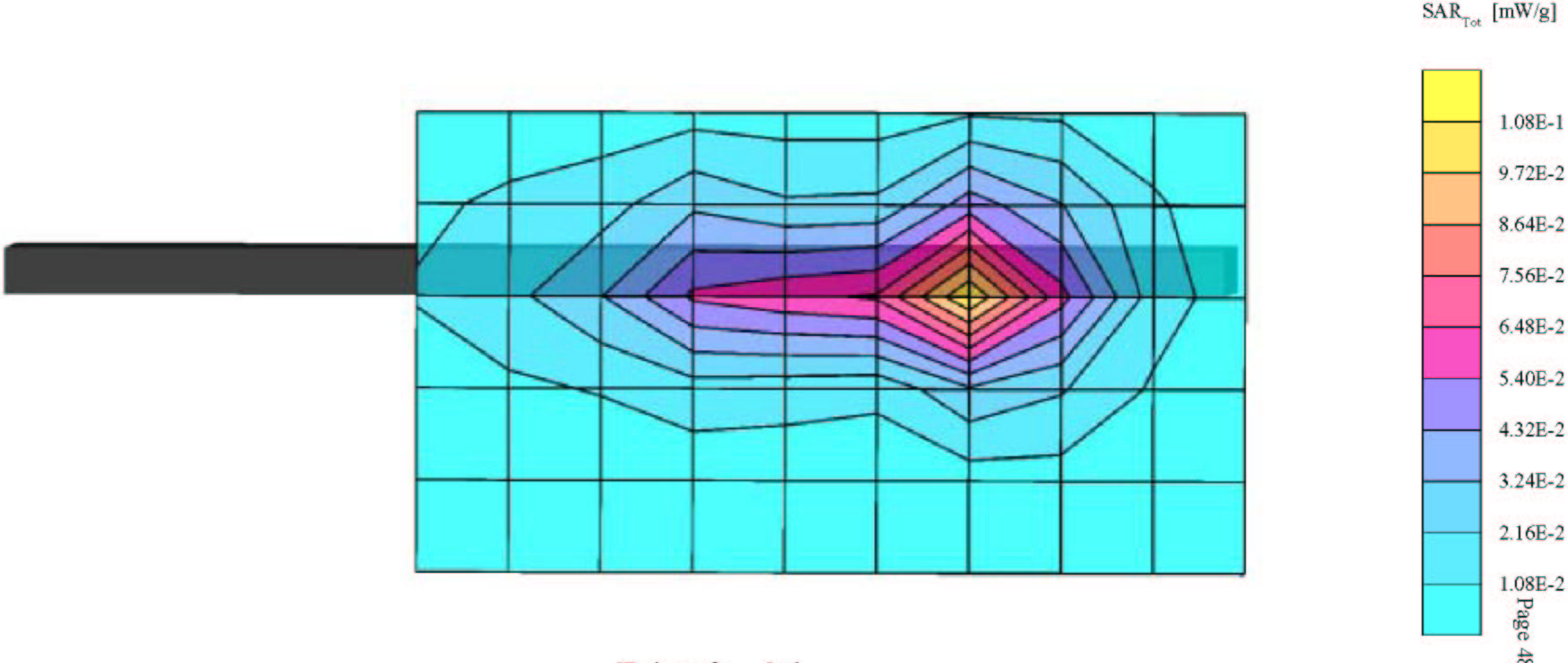
SAR (1g): 0.101 mW/g, SAR (10g): 0.0528 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.196 mW/g
Penetration depth: 7.3 (6.9, 8.2) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.0 degree.c /After 23.1 degree.c



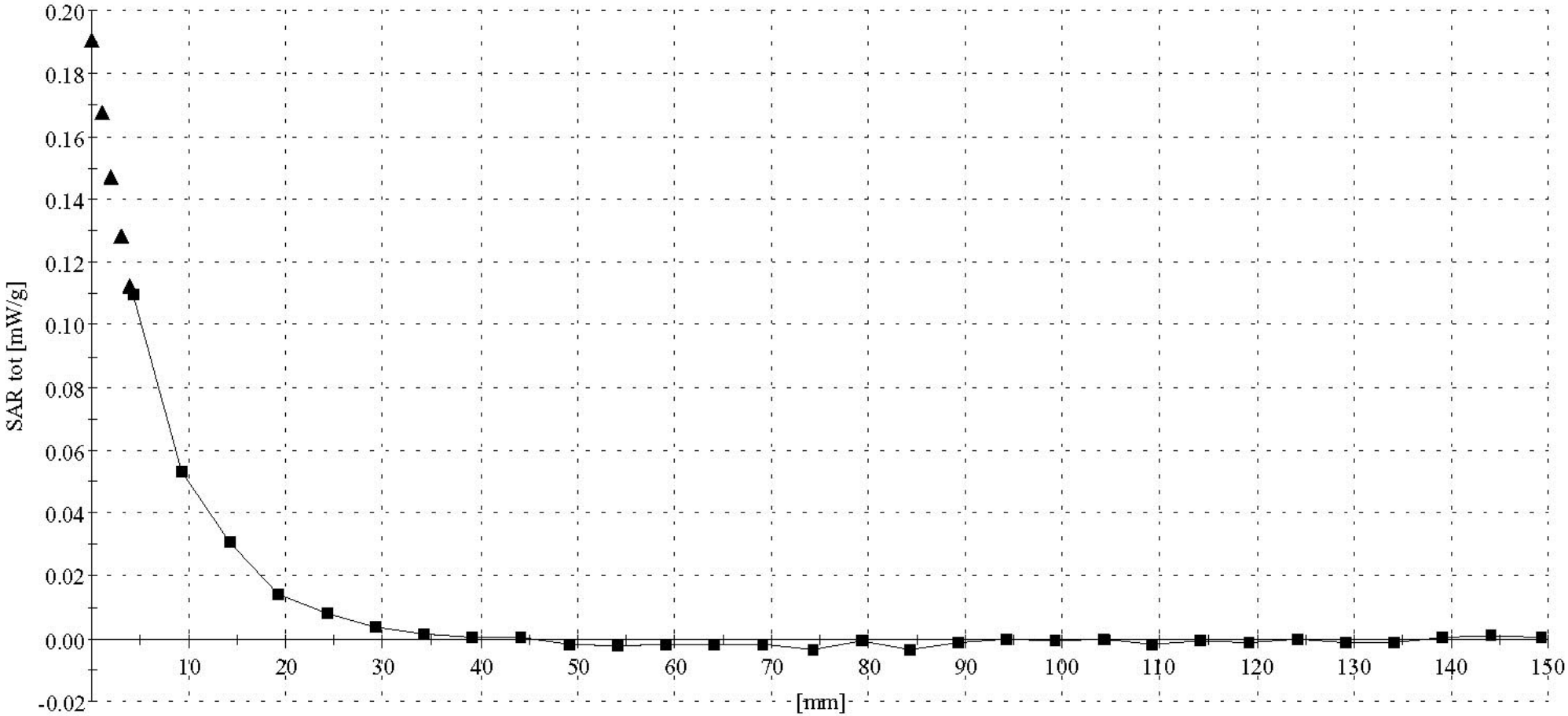
# Z-axis scan at max SAR location

PCG-492L / Body /Main antenna / Right Top of display / 11.g OFDM ( QPSK ) / 24312MHz

Test date : 07 / 09 / 03
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)



# PCG-492L / Body / Main antenna / Right Top of display / 11.g OFDM ( QPSK ) / 2462MHz

**Test date : 07/09/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

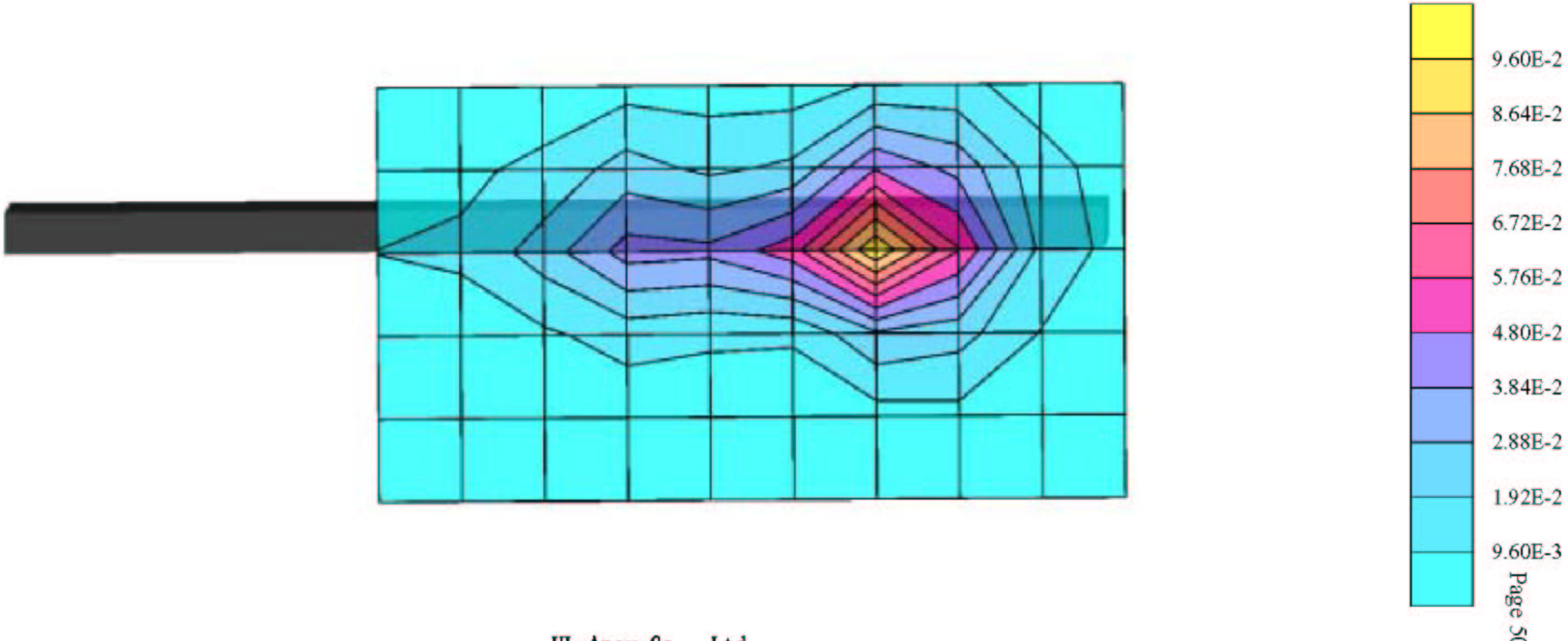
SAR (1g): 0.0904 mW/g, SAR (10g): 0.0466 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 1.98 mho/m $\varepsilon_r$ = 48.1 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.178 mW/g
Penetration depth: 6.9 (6.6, 7.7) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.1 degree.c /After 23.1 degree.c



# PCG-492L / Body / Sub antenna / Right bottom / 11.b DSSS / 2437MHz

**Test date : 07/10/03**

Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

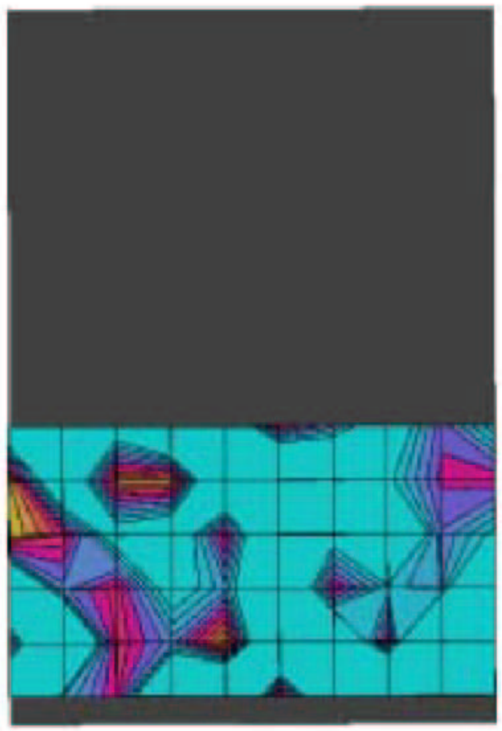
SAR (1g): 0.0014 mW/g *, SAR (10g): -0.00 mW/g * Max outside Worst-case extrapolation

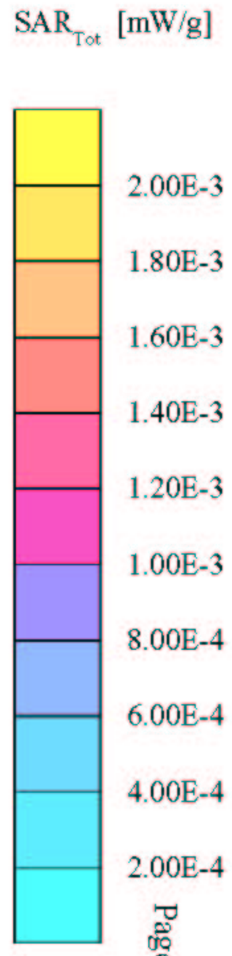
Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 2.00 mho/m $\varepsilon_r$ = 48.3 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0126 mW/g
Penetration depth: 8.3 (0.1, 40.0) [mm]

Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.0 degree.c /After 23.0 degree.c





# PCG-492L / Body / Sub antenna / Left bottom / 11.b DSSS / 2437MHz

**Test date : 07/10/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

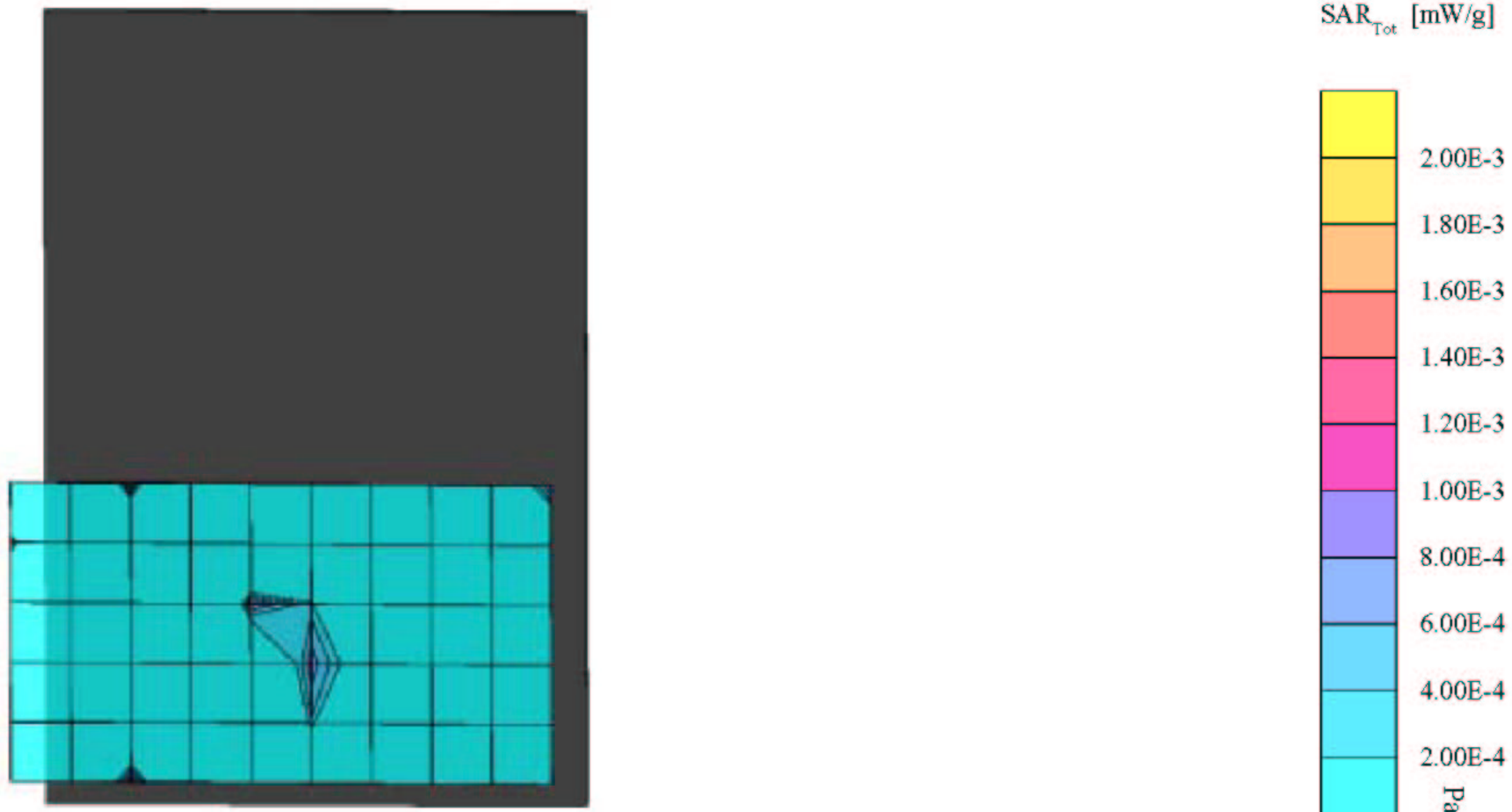
SAR (1g): 0.0002 mW/g *, SAR (10g): -0.00 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 2.00 mho/m $\varepsilon_r$ = 48.3 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0141 mW/g
Penetration depth: 58.7 (17.2, 207.9) [mm]

Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.0 degree.c /After 22.9 degree.c



# PCG-492L / Body / Sub antenna / Left Back of display / 11.b DSSS / 2437MHz

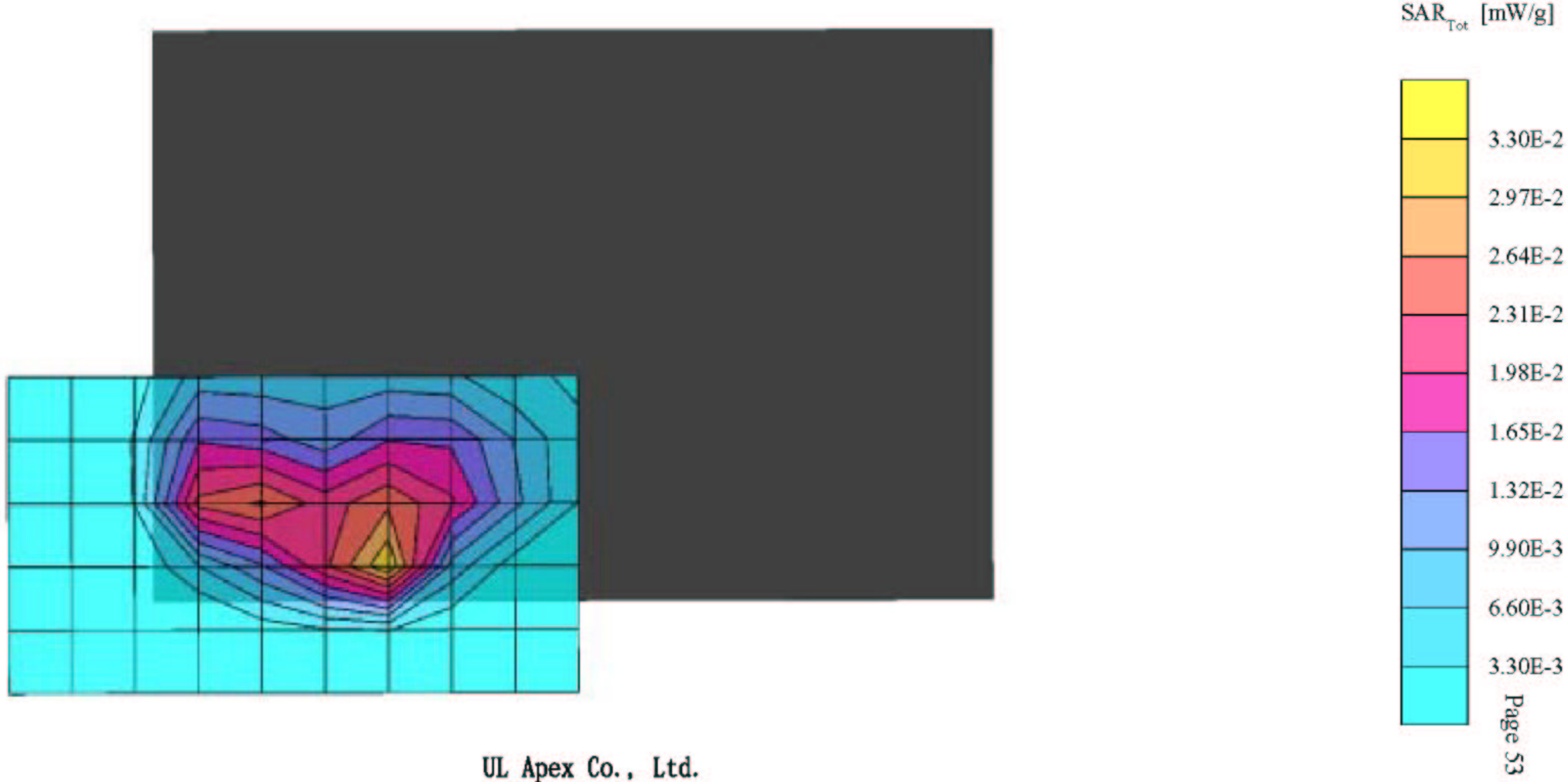
SAR (1g): 0.0368 mW/g, SAR (10g): 0.0181 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 2.00 mho/m $\varepsilon_r$ = 48.3 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0747 mW/g
Penetration depth: 5.9 (5.8, 6.3) [mm]

Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.1 degree.c /After 23.1 degree.c



# PCG-492L / Body / Sub antenna / Left Top of display / 11.b DSSS / 2437MHz

**Test date : 07/10/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

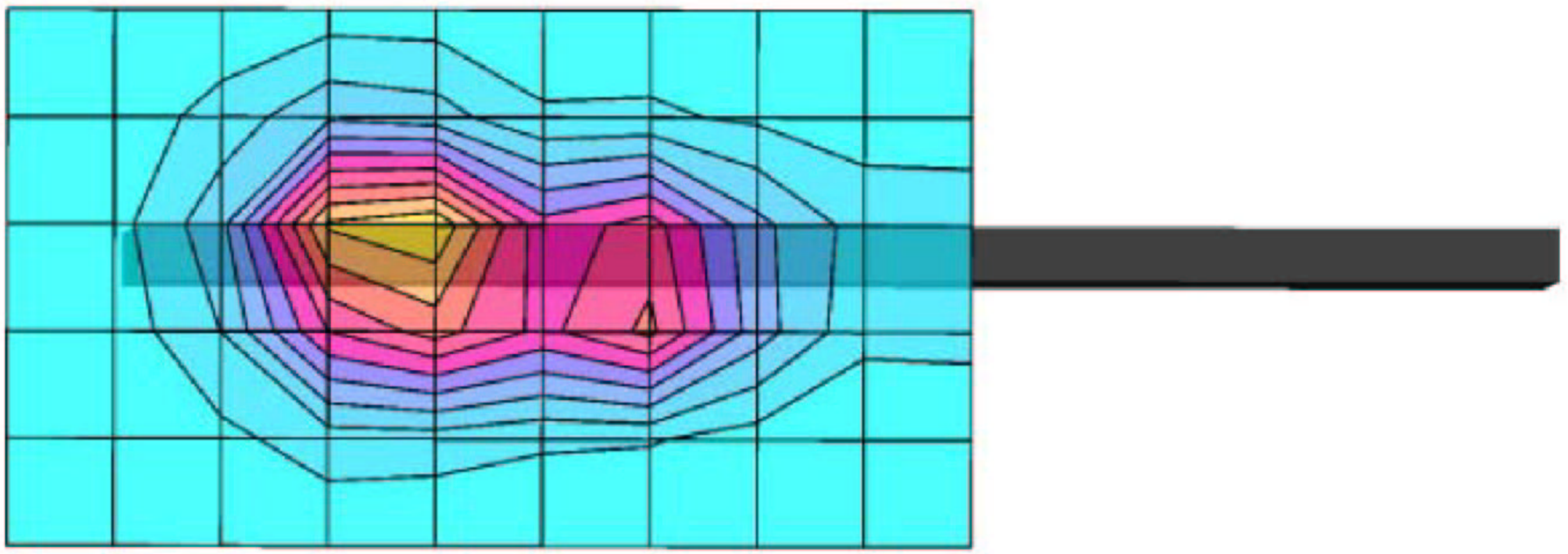
SAR (1g): 0.0456 mW/g, SAR (10g): 0.0236 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 2.00 mho/m $\varepsilon_r$ = 48.3 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0897 mW/g
Penetration depth: 6.9 (6.7, 7.7) [mm]

Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.1 degree.c /After 23.1 degree.c



# PCG-492L / Body / Sub antenna / Left Top of display / 11.b DSSS / 2412MHz



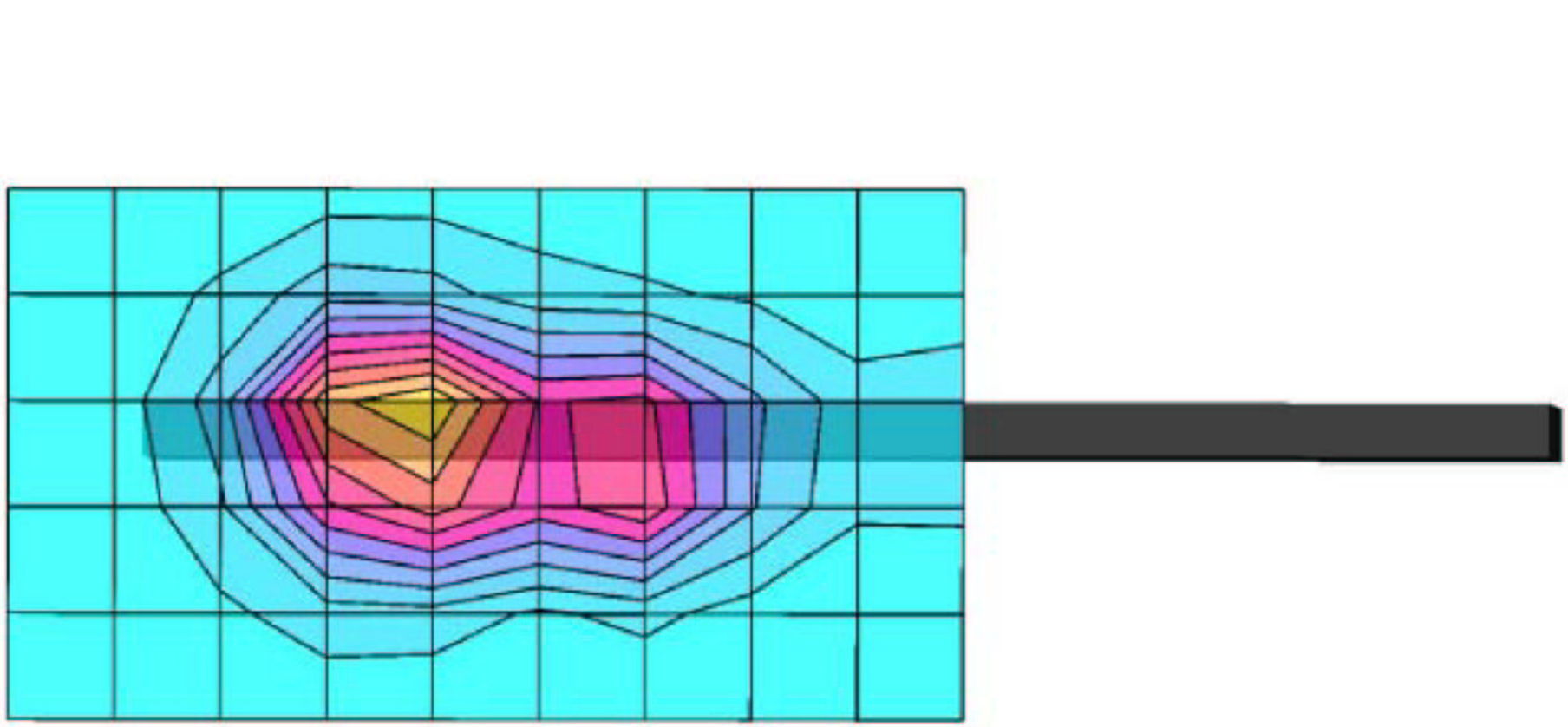
SAR (1g): 0.0486 mW/g, SAR (10g): 0.0254 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 2.00 mho/m $\varepsilon_r$ = 48.3 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0934 mW/g
Penetration depth: 7.2 (6.9, 7.9) [mm]

Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.1 degree.c /After 23.1 degree.c



# PCG-492L / Body / Sub antenna / Left Top of display / 11.b DSSS / 2462MHz

**Test date : 07/10/03**
Report No. : 23LE0006-HO-3
FCC ID : AK8PCG492L

SAR (1g): 0.0456 mW/g, SAR (10g): 0.0235 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450: $\sigma$ = 2.00 mho/m $\varepsilon_r$ = 48.3 $\rho$ = 1.00 g/cm$^3$
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

Cube 5x5x7
Peak: 0.0880 mW/g
Penetration depth: 6.8 (6.6, 7.1) [mm]

Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.1 degree.c /After 23.1 degree.c