

## **APPENDIX 2 : SAR Measurement data**

PCG-492L / Body / Main Antenna / Right bottom / 11. b DSSS / 2437MHz

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

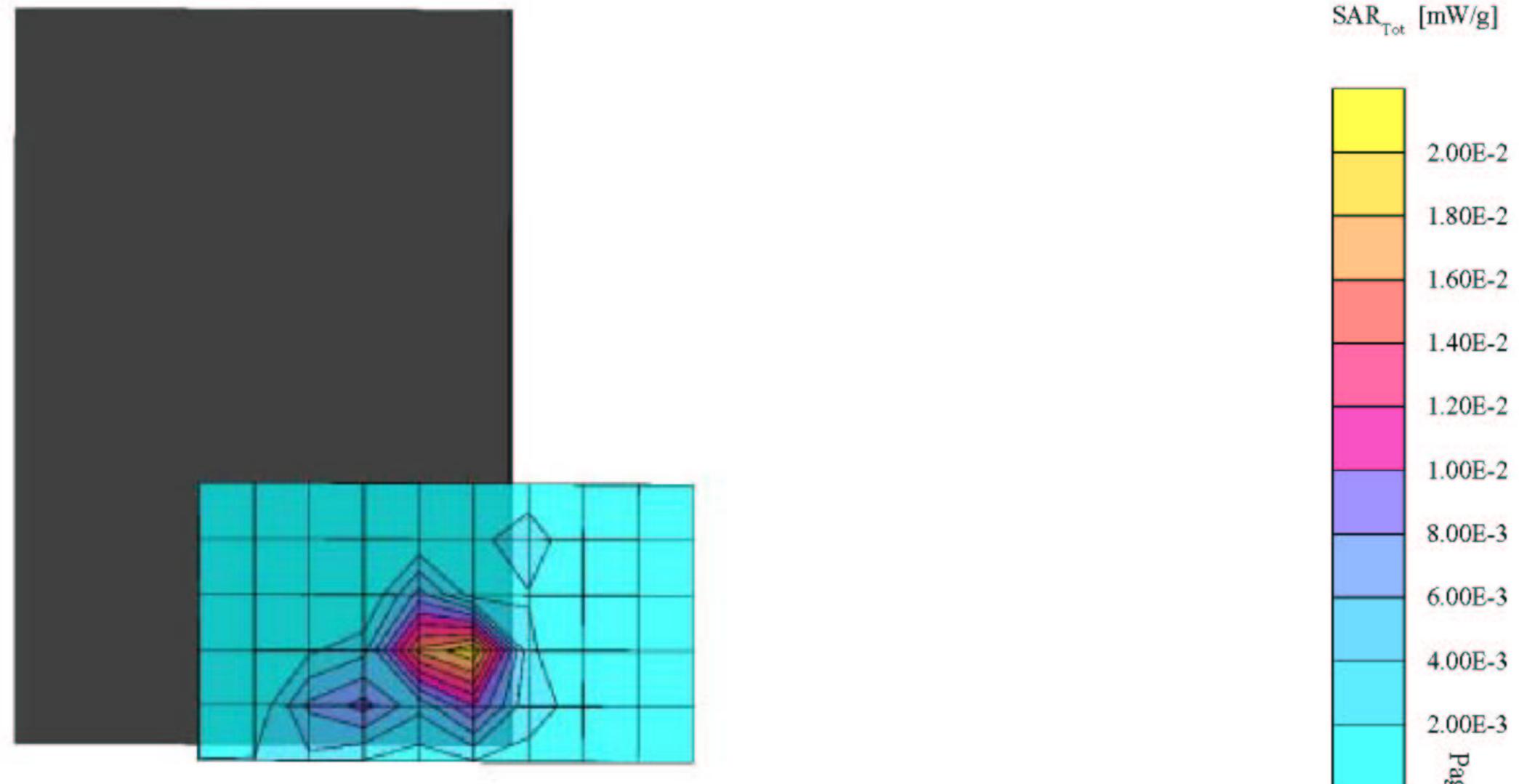
SAR (1g): 0.0231 mW/g, SAR (10g): 0.0101 mW/g Worst-case extrapolation

Crest factor : 1.0

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

Cube 5x5x7  
Peak: 0.0481 mW/g  
Penetration depth: 6.1 (6.0, 6.3) [mm]

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



PCG-492L / Body / Main Antenna / Left bottom / 11.b DSSS / 2437MHz

SAR (1g): 0.0043 mW/g, SAR (10g): 0.0010 mW/g \* Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 48.1$   $\rho = 1.00 \text{ g/cm}^3$

Phantom : SAM Flat

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

Cube 5x5x7

Peak: 0.0208 mW/g

Penetration depth: 1.3 (0.3, 3.2) [mm]

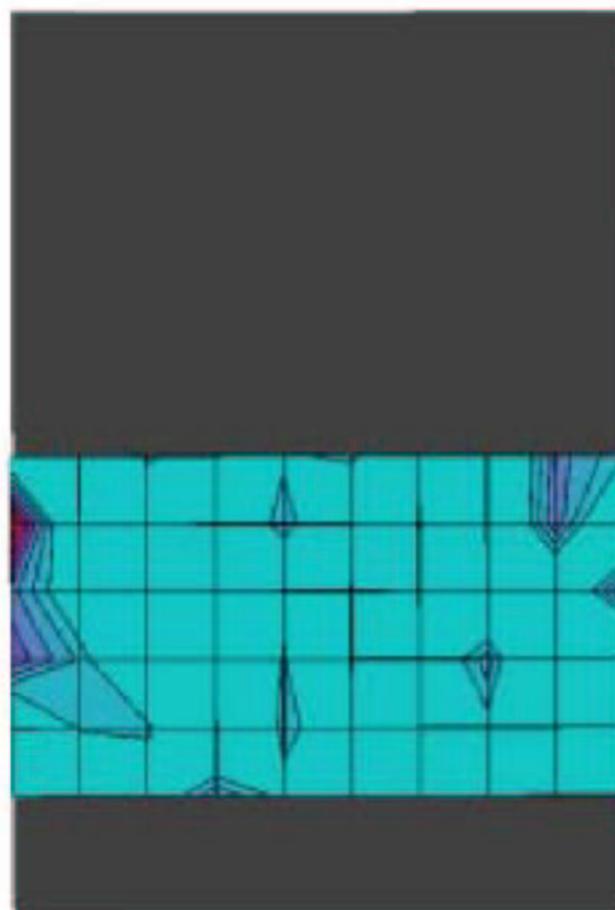
Ambient Temperature / 24.5 degree.c

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

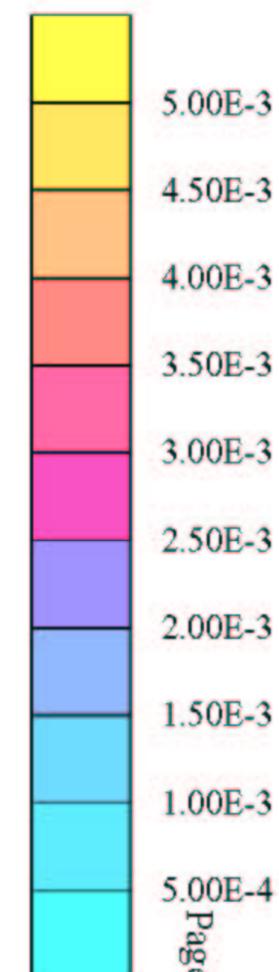
Test date : 07/09/03

Report No. : 23LE0006-HO-3

FCC ID : AK8PCG492L



SAR<sub>Tot</sub> [mW/g]



PCG-492L / Body / Main Antenna / Right Back of display / 11. b DSSS / 2437MHz

SAR (1g): 0.0423 mW/g, SAR (10g): 0.0222 mW/g Worst-case extrapolation

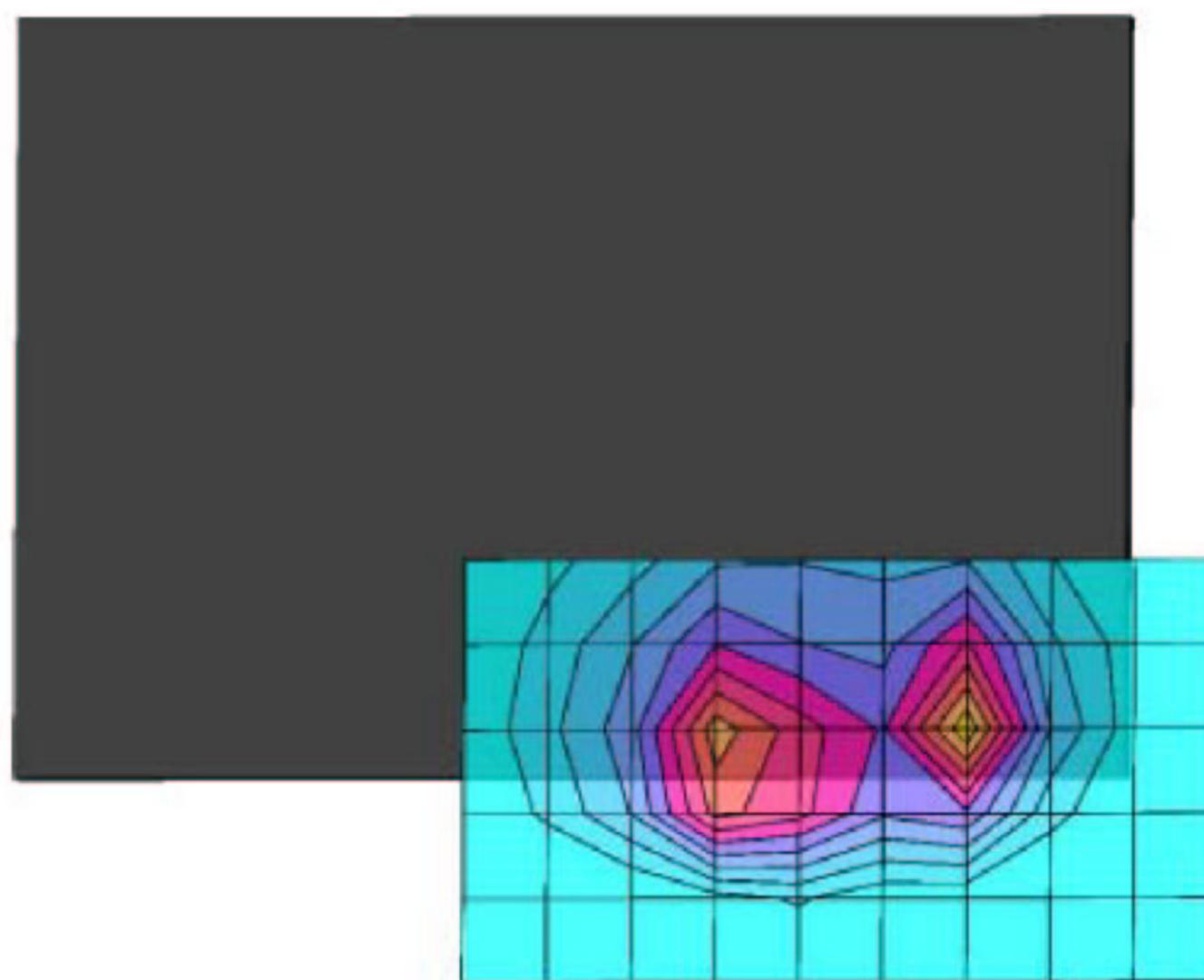
Crest factor : 1.0

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

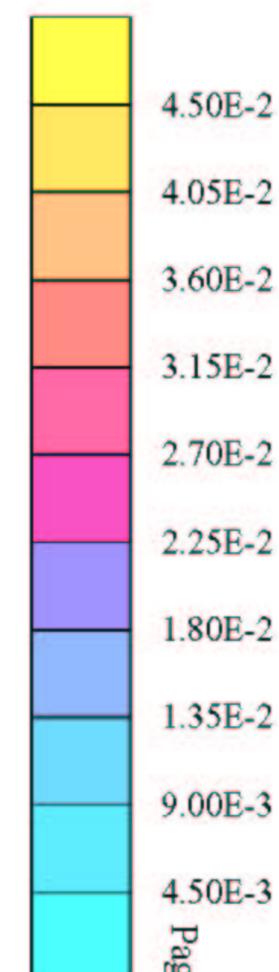
Cube 5x5x7  
Peak: 0.0800 mW/g  
Penetration depth: 7.4 (7.2, 7.6) [mm]

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

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



SAR<sub>Tot</sub> [mW/g]



PCG-492L / Body / Main Antenna / Right Top of display / 11. b DSSS / 2437MHz

SAR (1g): 0.0453 mW/g, SAR (10g): 0.0239 mW/g Worst-case extrapolation

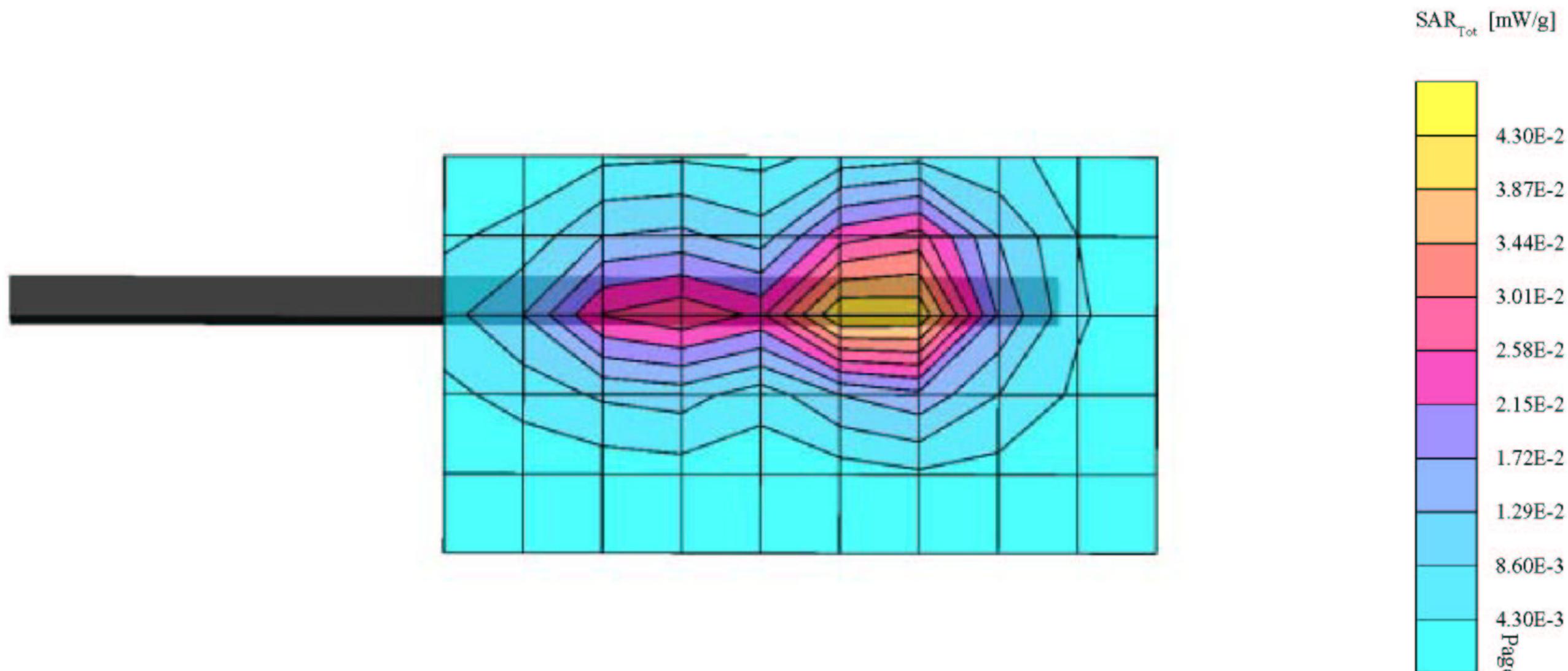
Crest factor : 1.0

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

Cube 5x5x7  
Peak: 0.0857 mW/g  
Penetration depth: 7.1 (6.9, 7.5) [mm]

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

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



PCG-492L / Body / Main Antenna / Right Top of display / 11. b DSSS / 2412MHz

SAR (1g): 0.0489 mW/g, SAR (10g): 0.0258 mW/g Worst-case extrapolation

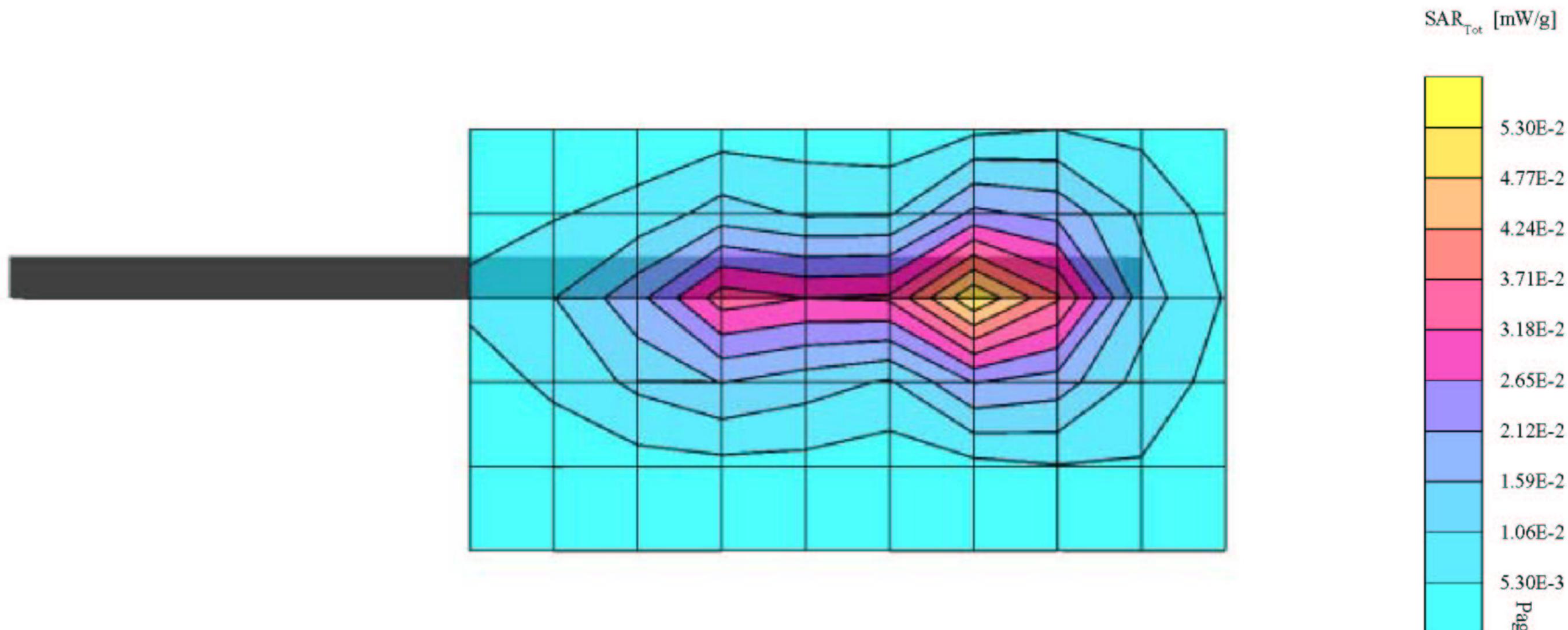
Crest factor : 1.0

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

Cube 5x5x7  
Peak: 0.0951 mW/g  
Penetration depth: 7.1 (6.7, 7.8) [mm]

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

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



PCG-492L / Body / Main Antenna / Right Top of display / 11. b DSSS / 2462MHz

SAR (1g): 0.0532 mW/g, SAR (10g): 0.0276 mW/g Worst-case extrapolation

Crest factor : 1.0

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

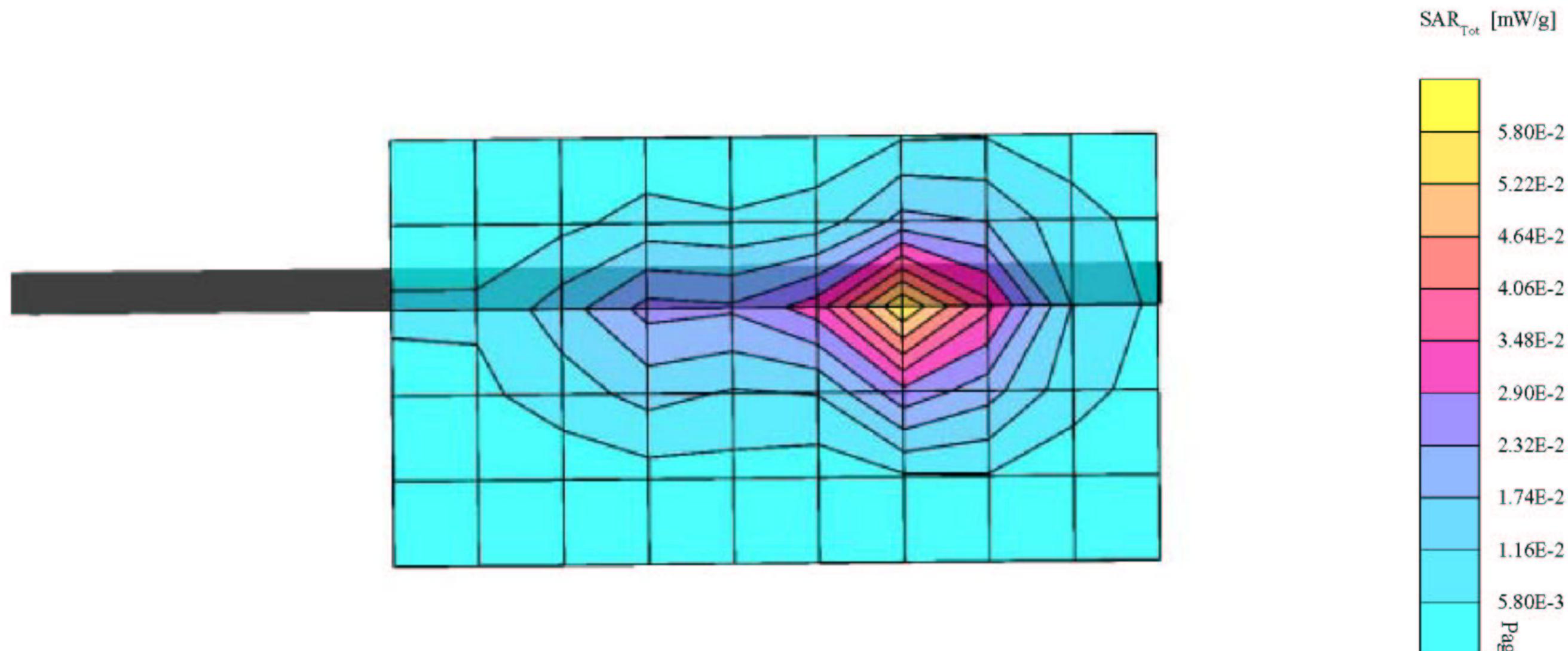
Cube 5x5x7  
Peak: 0.104 mW/g  
Penetration depth: 6.7 (6.6, 7.2) [mm]

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

Test date : 07/09/03

Report No. : 23LE0006-HO-3

FCC ID : AK8PCG492L



PCG-492L / Body / Main Antenna / Right bottom / 11.g OFDM ( 64QAM ) / 2437MHz

SAR (1g): 0.0138 mW/g, SAR (10g): 0.0060 mW/g \* Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450:  $\sigma = 1.98 \text{ mho/m}$   $\epsilon_r = 48.1$   $\rho = 1.00 \text{ g/cm}^3$

Phantom : SAM Flat

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

Cube 5x5x7

Peak: 0.0331 mW/g

Penetration depth: 6.2 (5.5, 8.4) [mm]

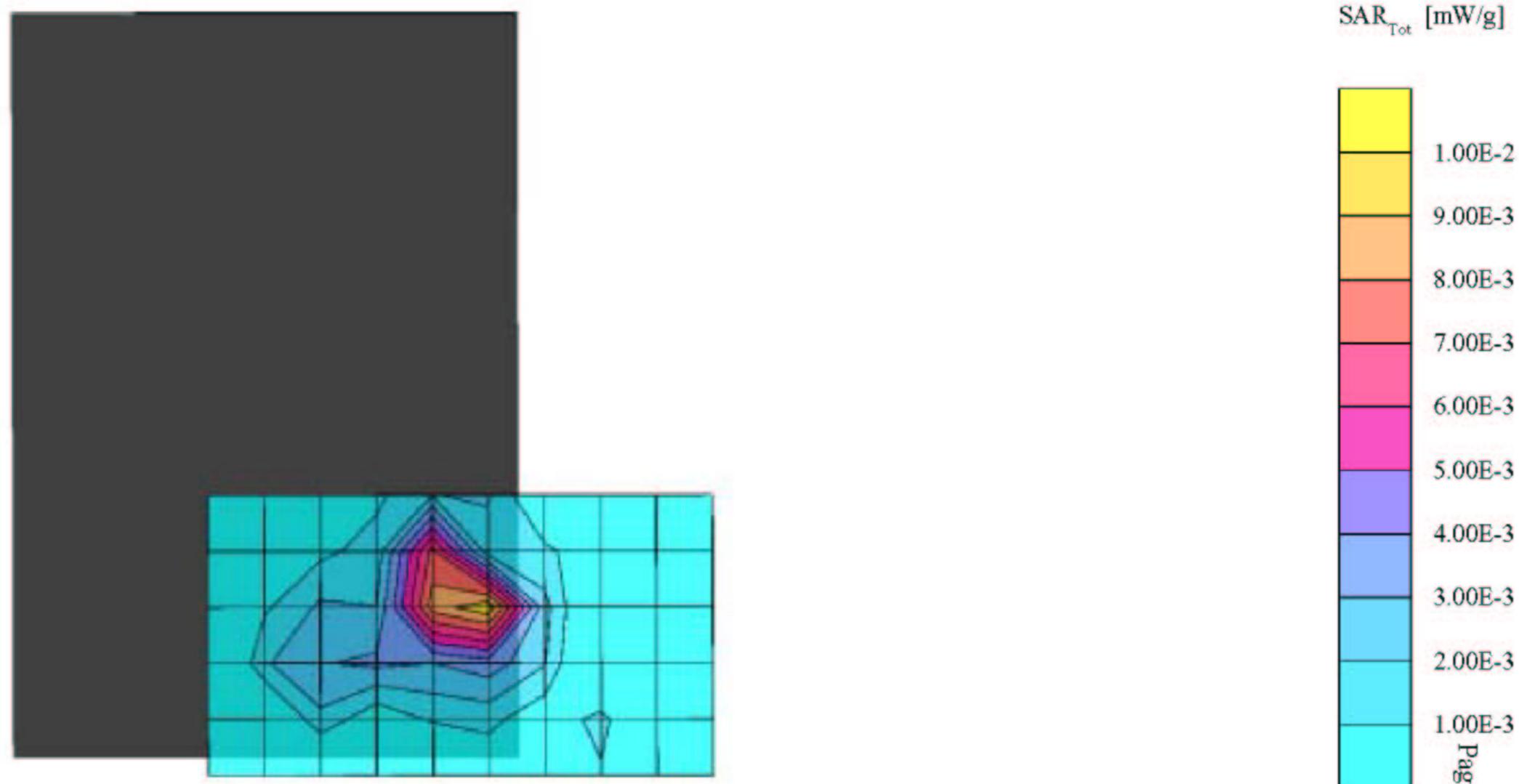
Ambient Temperature / 24.5 degree.c

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

Test date : 07/09/03

Report No.: 23LE0006-HO-3

FCC ID : AK8PCG492L



PCG-492L / Body / Main Antenna / Left bottom / 11.g OFDM ( 64QAM ) / 2437MHz

SAR (1g): 0.0012 mW/g, SAR (10g): 0.0001 mW/g \* Max outside Worst-case extrapolation

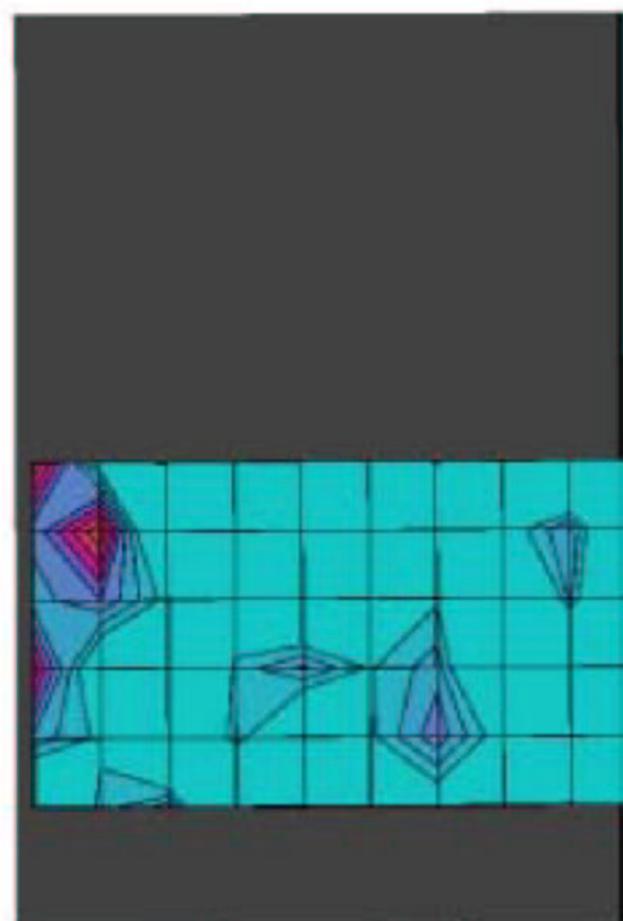
Crest factor : 1.0

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

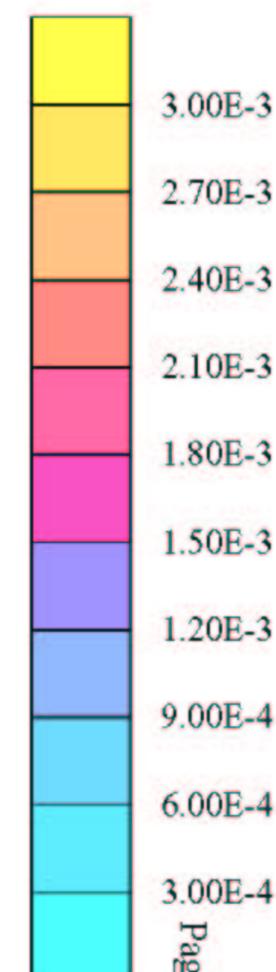
Cube 5x5x7  
Peak: 0.0093 mW/g  
Penetration depth: 350.2 (0.0, 3446.1) [mm]

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

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



SAR<sub>Tot</sub> [mW/g]



PCG-492L / Body / Main Antenna / Right Back of display / 11.g OFDM ( 64QAM ) / 2437MHz

SAR (1g): 0.0308 mW/g, SAR (10g): 0.0151 mW/g Worst-case extrapolation

Crest factor : 1.0

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

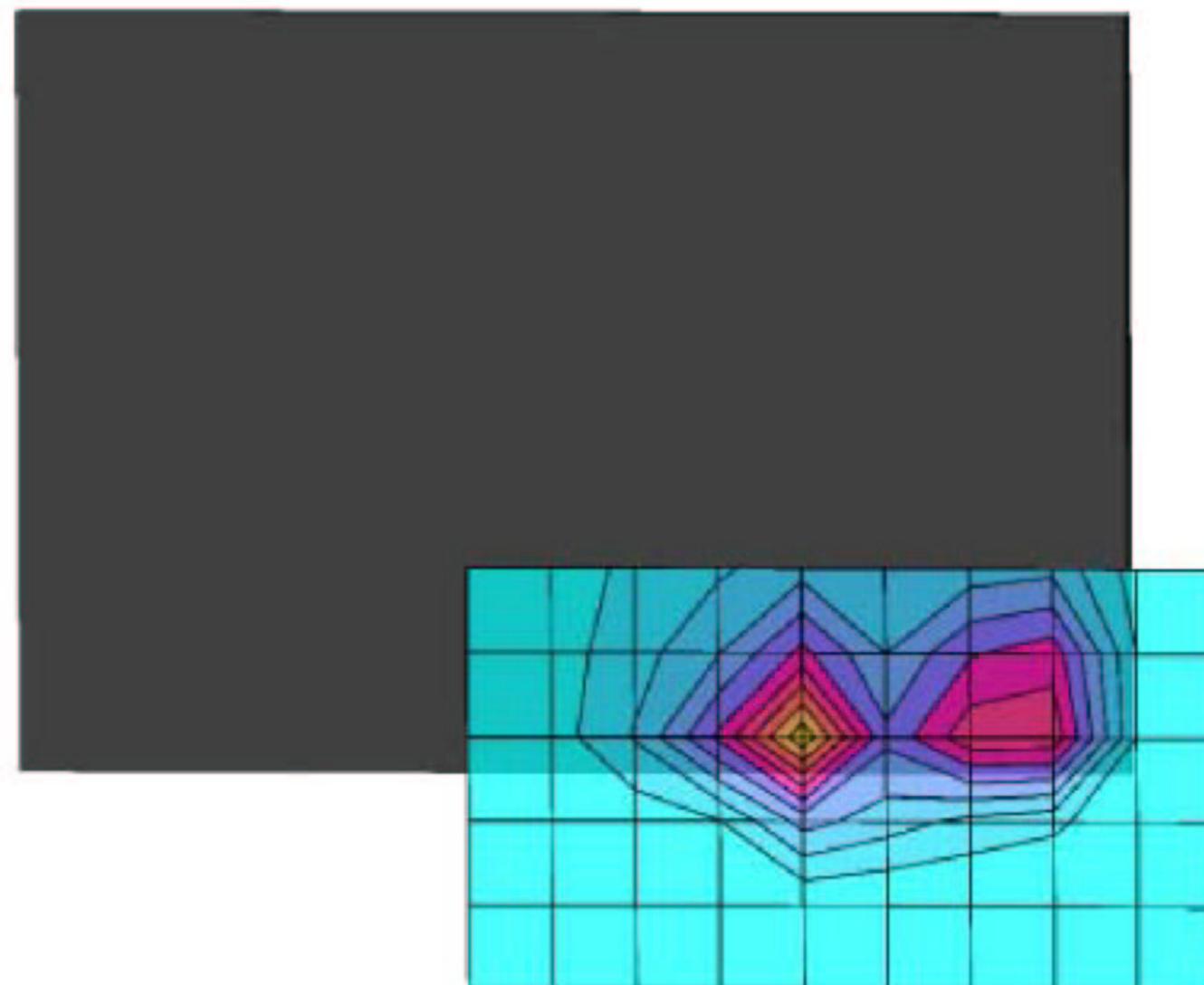
Cube 5x5x7  
Peak: 0.0632 mW/g  
Penetration depth: 6.0 (5.9, 6.2) [mm]

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

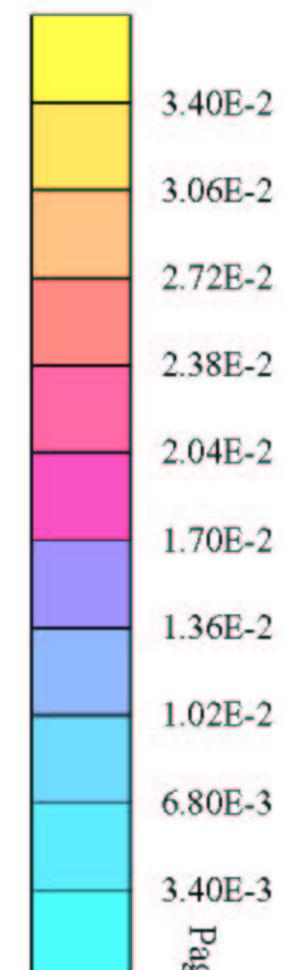
Test date : 07/09/03

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SAR<sub>Tot</sub> [mW/g]



PCG-492L / Body / Main Antenna / Right Top of display / 11.g OFDM ( 64QAM ) / 2437MHz

SAR (1g): 0.0450 mW/g, SAR (10g): 0.0229 mW/g Worst-case extrapolation

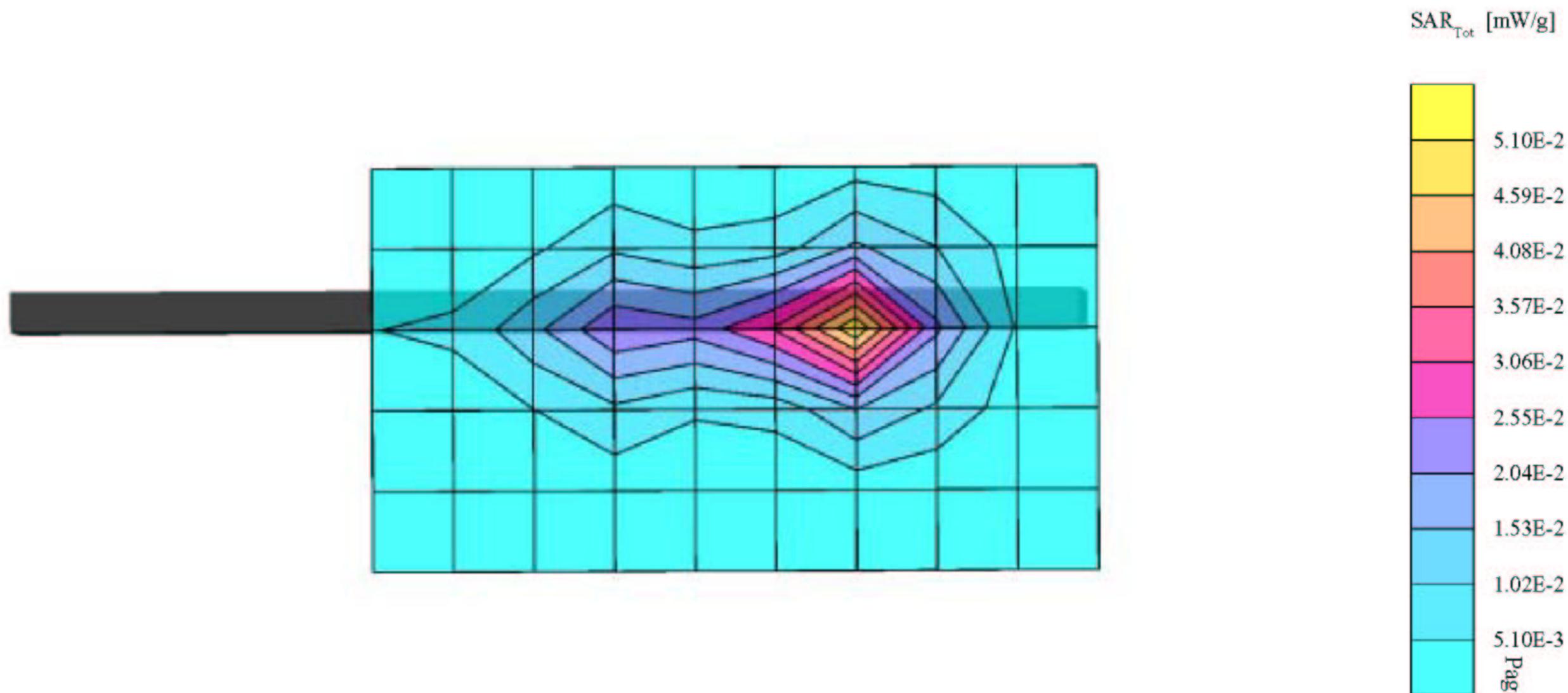
Crest factor : 1.0

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

Cube 5x5x7  
Peak: 0.0875 mW/g  
Penetration depth: 6.8 (6.7, 7.1) [mm]

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

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



PCG-492L / Body / Main Antenna / Right Top of display / 11.g OFDM ( 64QAM ) / 2412MHz

SAR (1g): 0.0422 mW/g, SAR (10g): 0.0213 mW/g Worst-case extrapolation

Crest factor : 1.0

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

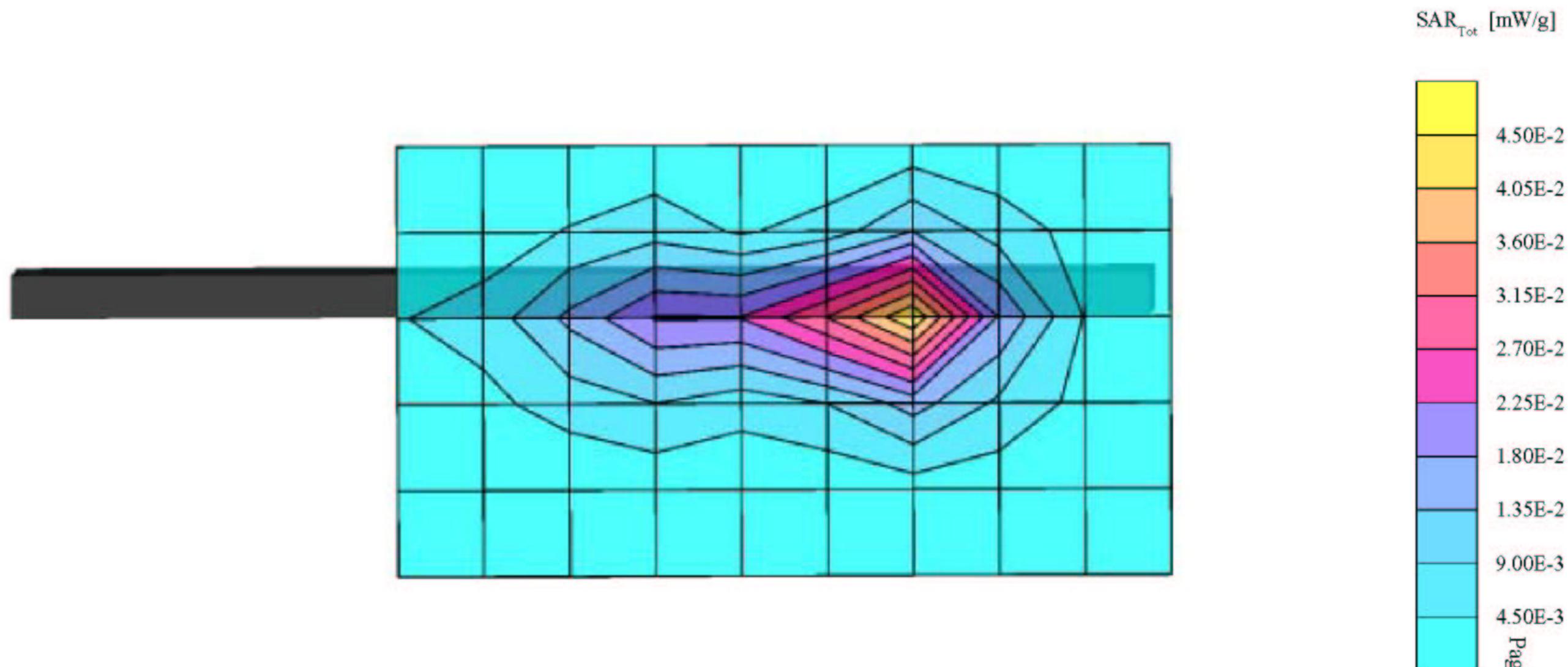
Cube 5x5x7  
Peak: 0.0813 mW/g  
Penetration depth: 6.7 (6.6, 7.0) [mm]

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

Test date : 07/09/03

Report No. : 23LE0006-HO-3

FCC ID : AK8PCG492L



PCG-492L / Body / Main Antenna / Right Top of display / 11.g OFDM ( 64QAM ) / 2462MHz

SAR (1g): 0.0364 mW/g, SAR (10g): 0.0185 mW/g Worst-case extrapolation

Crest factor : 1.0

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

Cube 5x5x7  
Peak: 0.0734 mW/g  
Penetration depth: 6.3 (6.2, 6.6) [mm]

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

Test date : 07/09/ 03

Report No. : 23LE0006-HO-3

FCC ID : AK8PCG492L

