

## **APPENDIX 3 : Validation Measurement data**

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# System Validation / Dipole 2450MHz

Test date : 07/09/03

Report No. : 23LE0006-HO-3

FCC ID : AK8PCG492L

SAR (1g): 14.1 mW/g  $\pm$  0.00 dB, SAR (10g): 6.42 mW/g  $\pm$  0.04 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz:  $\sigma = 1.81$  mho/m  $\epsilon_r = 35.6$   $\rho = 1.00$  g/cm<sup>3</sup>

Phantom : SAM Flat

Probe : ET3DV6 - SN1684 ; ConvF(4.90, 4.90, 4.90)

Cubes (2)

Peak: 29.4 mW/g  $\pm$  0.05 dB

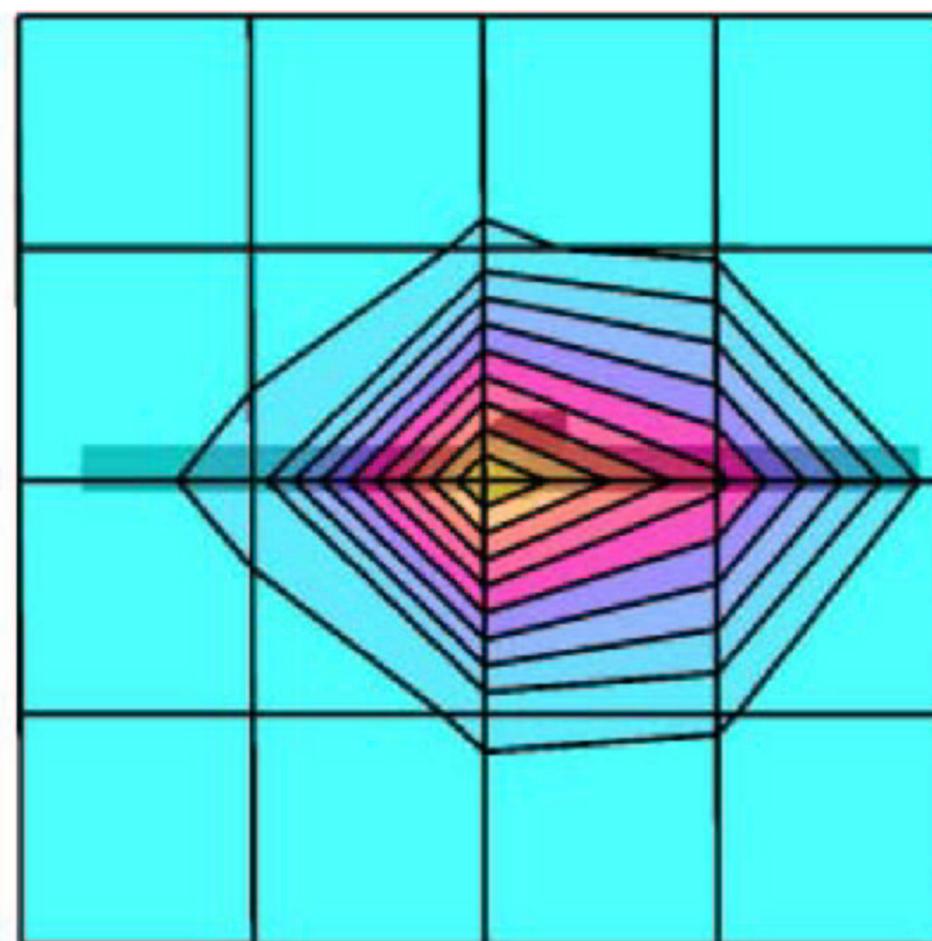
Penetration depth: 6.2 (5.9, 6.8) [mm]

Powerdrift: -0.00 dB

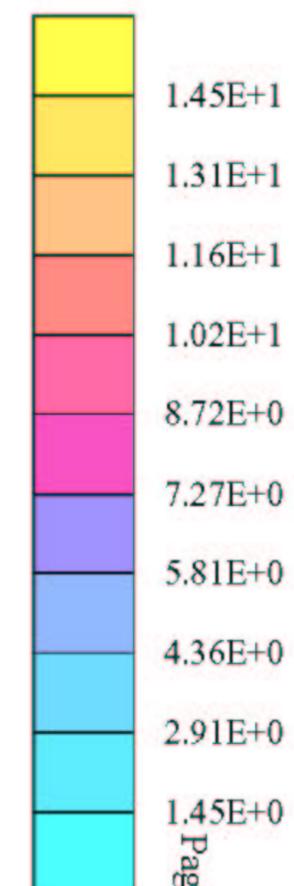
Forward Conducted Power / 250mW

Ambient Temperature / 24.5degree.c

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



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



# System Validation / Dipole 2450MHz

Test date : 07/10/03

Report No. : 23LE0006-HO-3

FCC ID : AK8PCG492L

SAR (1g): 14.3 mW/g  $\pm$  0.01 dB, SAR (10g): 6.54 mW/g  $\pm$  0.04 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz:  $\sigma = 1.81$  mho/m  $\epsilon_r = 35.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Phantom : SAM Flat

Probe : ET3DV6 - SN1684 ; ConvF(4.90, 4.90, 4.90)

Cubes (2)

Peak: 29.8 mW/g  $\pm$  0.07 dB

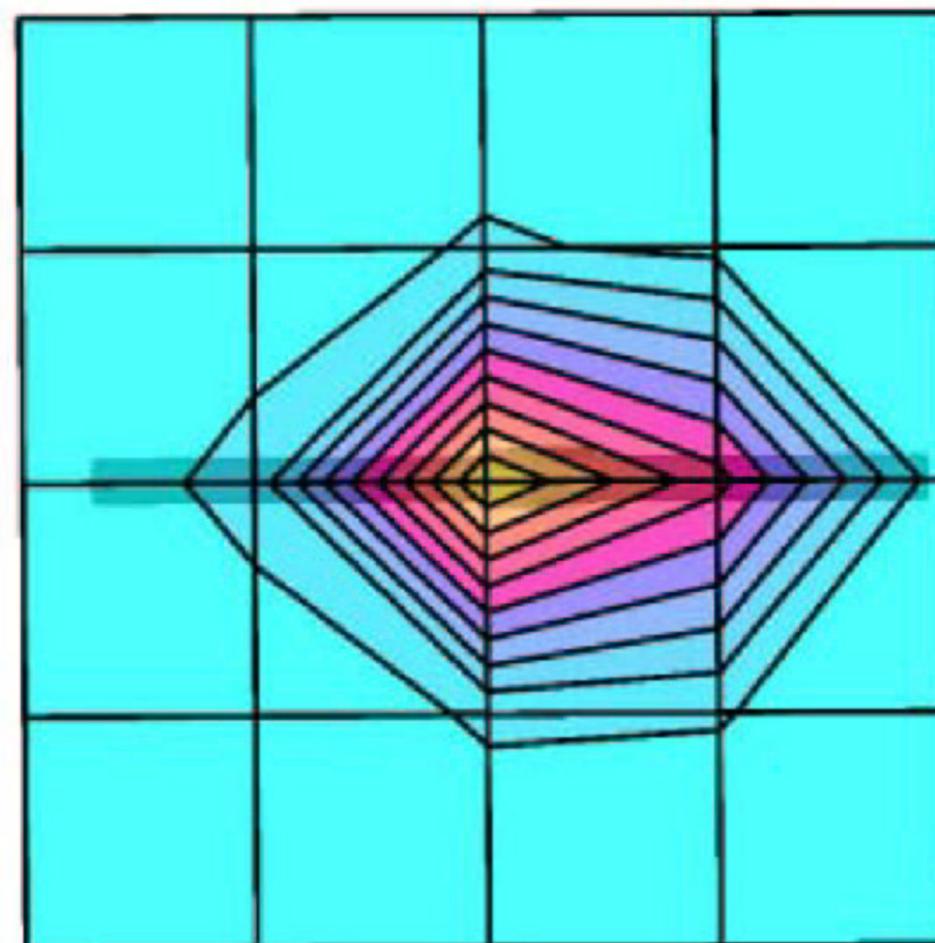
Penetration depth: 6.2 (6.0, 6.8) [mm]

Powerdrift: 0.00 dB

Forward Conducted Power / 250mW

Ambient Temperature / 23.8 degree.c

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



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

