

**APPENDIX 2.2      Measurement 2**

PEGA-WL110 / Body / Bottom of card / 2437MHz

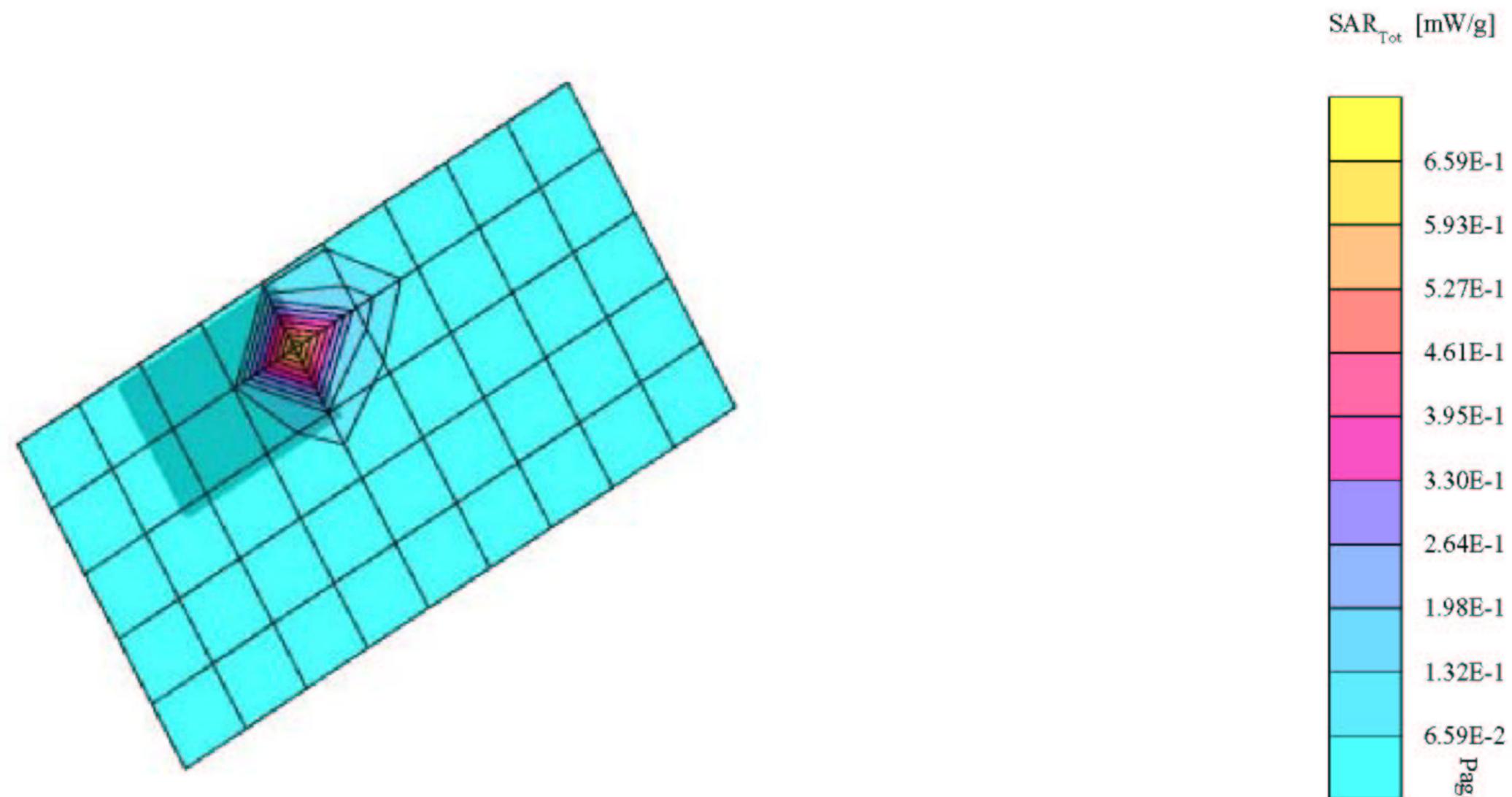
SAR (1g): 0.647 mW/g, SAR (10g): 0.287 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz:  $\sigma = 2.01$  mho/m  $\epsilon_r = 49.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Phantom : SAM Flat  
 Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7  
 Peak: 1.51 mW/g  
 Penetration depth: 5.3 (5.1, 5.9) [mm]

Ambient Temperature / 24.3 degree.c  
 Liquid Temperature / Before 22.2 degree.c /After 22.2 degree.c



PEGA-WL110 / Body / Face of card / 2437MHz

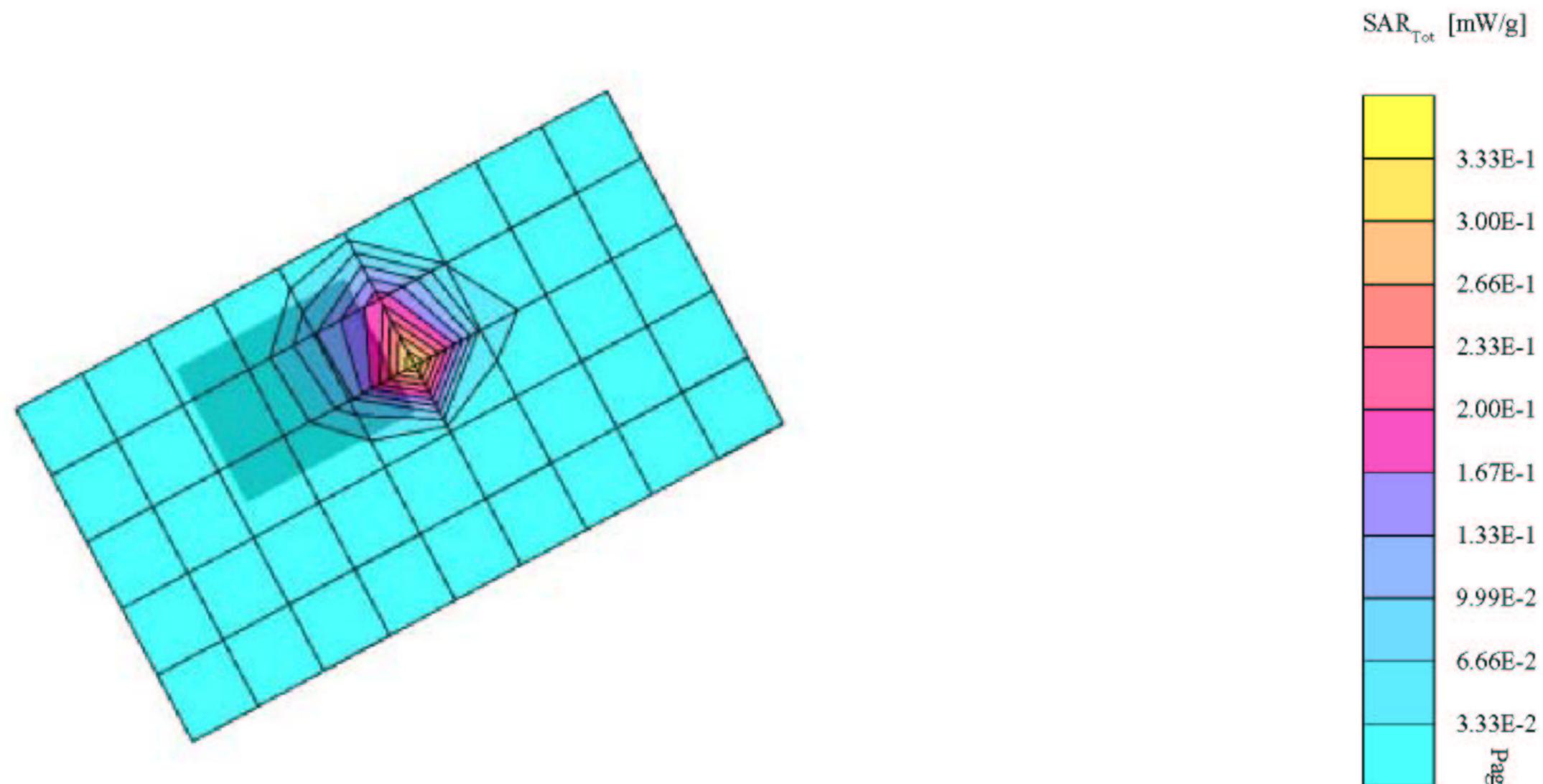
SAR (1g): 0.464 mW/g, SAR (10g): 0.192 mW/g \* Max outside Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz:  $\sigma = 2.01$  mho/m  $\epsilon_r = 49.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Phantom : SAM Flat  
 Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7  
 Peak: 1.11 mW/g  
 Penetration depth: 7.5 (7.4, 7.6) [mm]

Ambient Temperature / 24.3 degree.c  
 Liquid Temperature / Before 22.3 degree.c /After 22.4 degree.c



PEGA-WL110 / Body / Side of card / 2437MHz

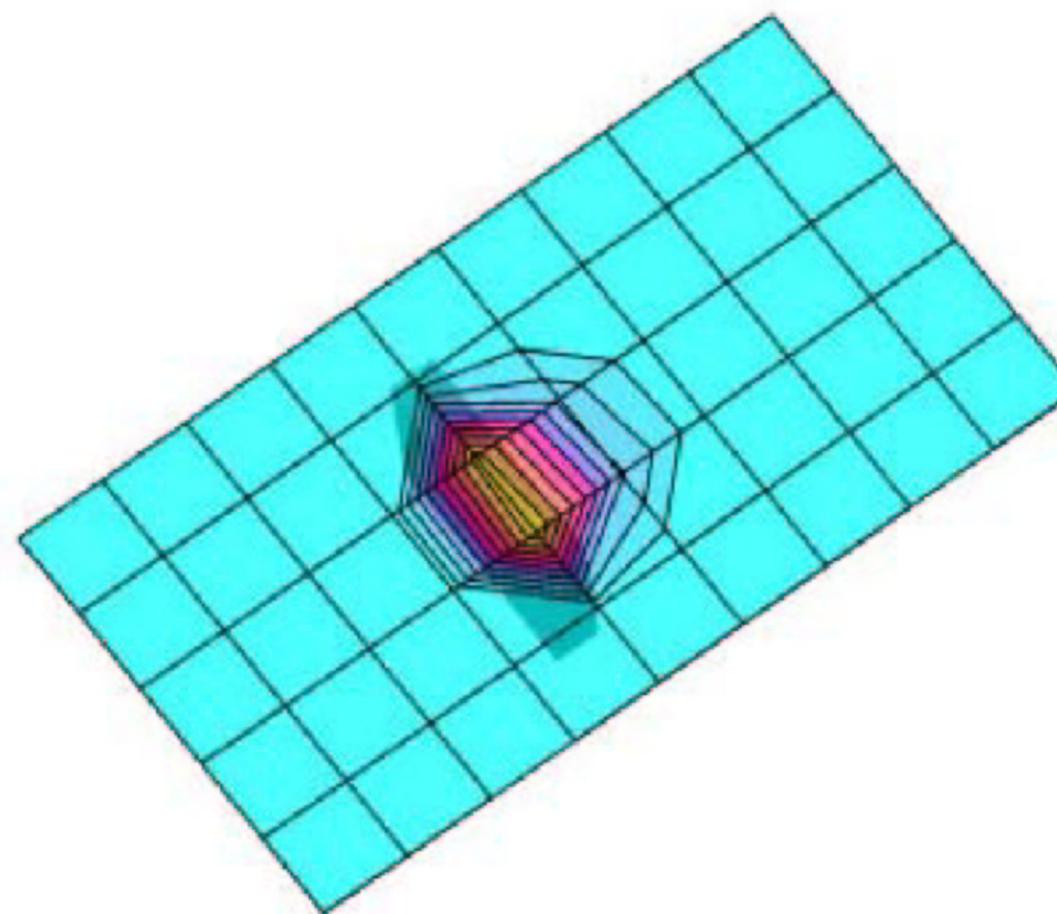
SAR (1g): 0.363 mW/g, SAR (10g): 0.151 mW/g Worst-case extrapolation

Crest factor : 1.0

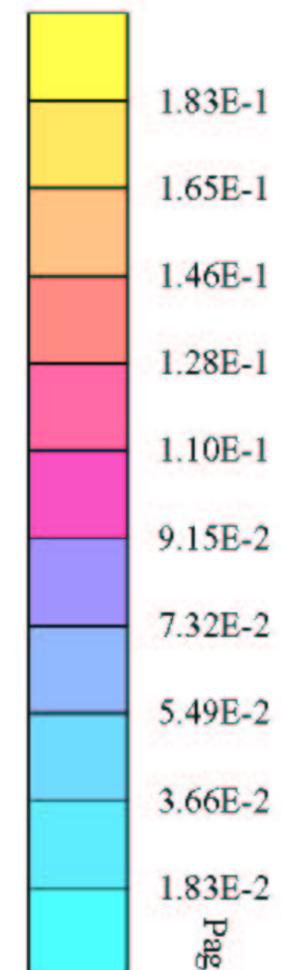
Medium : Body 2450 MHz:  $\sigma = 2.01$  mho/m  $\epsilon_r = 49.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
 Phantom : SAM Flat  
 Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7  
 Peak: 0.780 mW/g  
 Penetration depth: 6.3 (6.1, 6.8) [mm]

Ambient Temperature / 24.3 degree.c  
 Liquid Temperature / Before 22.4 degree.c /After 22.4 degree.c



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



# PEGA-WL110 / Body / Bottom of card / 2412MHz

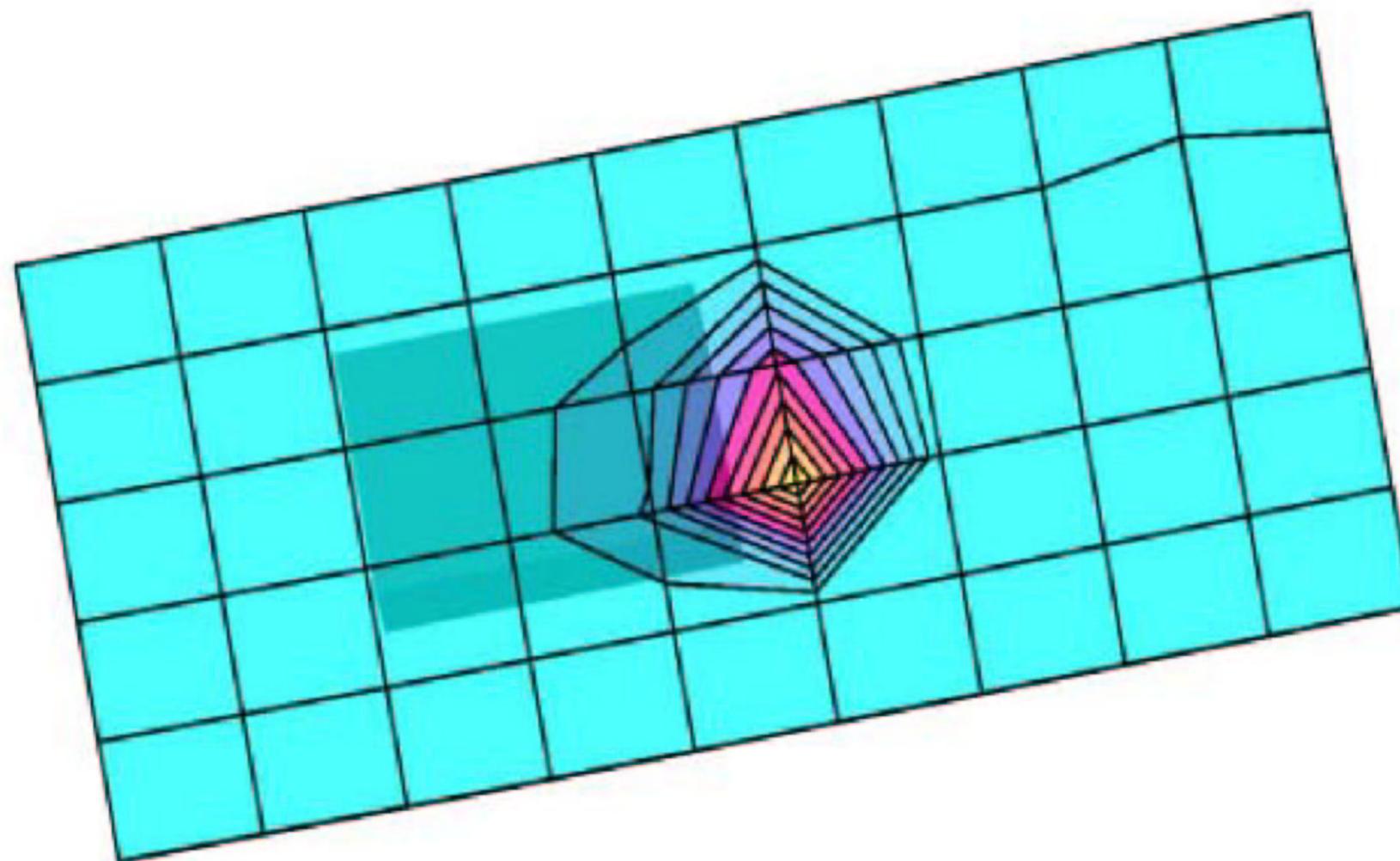
SAR (1g): 0.463 mW/g, SAR (10g): 0.204 mW/g Worst-case extrapolation

Crest factor : 1.0

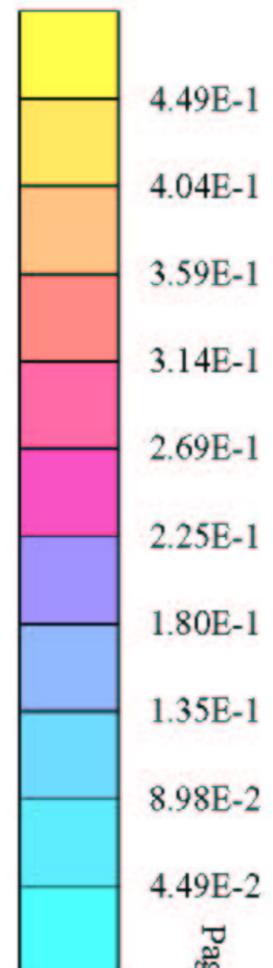
Medium : Body 2450 MHz:  $\sigma = 2.01$  mho/m  $\epsilon_r = 49.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
Phantom : SAM Flat  
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7  
Peak: 1.05 mW/g  
Penetration depth: 5.2 (5.0, 5.9) [mm]

Ambient Temperature / 24.3 degree.c  
Liquid Temperature / Before 22.9 degree.c /After 23.1 degree.c



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



# PEGA-WL110 / Body / Bottom of card / 2462MHz

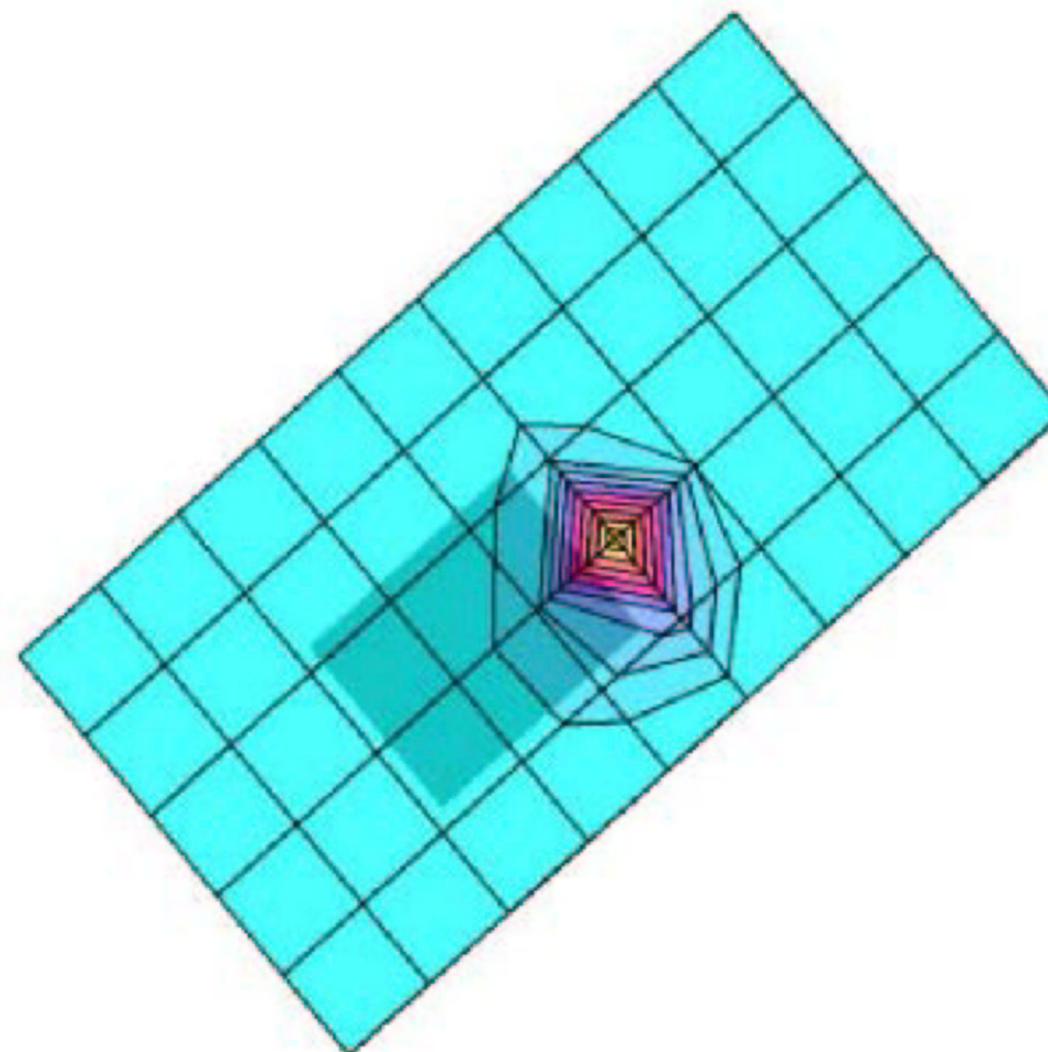
SAR (1g): 0.962 mW/g, SAR (10g): 0.413 mW/g Worst-case extrapolation

Crest factor : 1.0

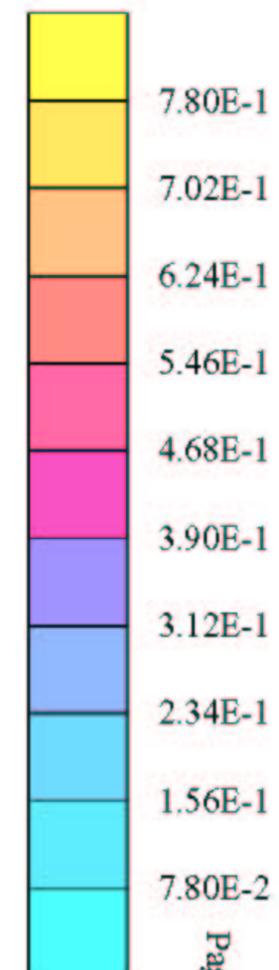
Medium : Body 2450 MHz:  $\sigma = 2.01$  mho/m  $\epsilon_r = 49.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
Phantom : SAM Flat  
Probe : ET3DV6 - SN1684 ; ConvF(4.40, 4.40, 4.40)

Cube 5x5x7  
Peak: 2.27 mW/g  
Penetration depth: 6.7 (6.5, 6.9) [mm]

Ambient Temperature / 24.3 degree.c  
Liquid Temperature / Before 23.2 degree.c /After 23.2 degree.c



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



## Z-axis scan at max SAR location

PEGA-WL110 / Body / Side of PC / 2462MHz

Crest factor : 1.0

Medium : Body 2450 MHz:  $\sigma = 2.01$  mho/m  $\epsilon_r = 49.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
Phantom : SAM  
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

