

APPENDIX 2.2 Measurement 2

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

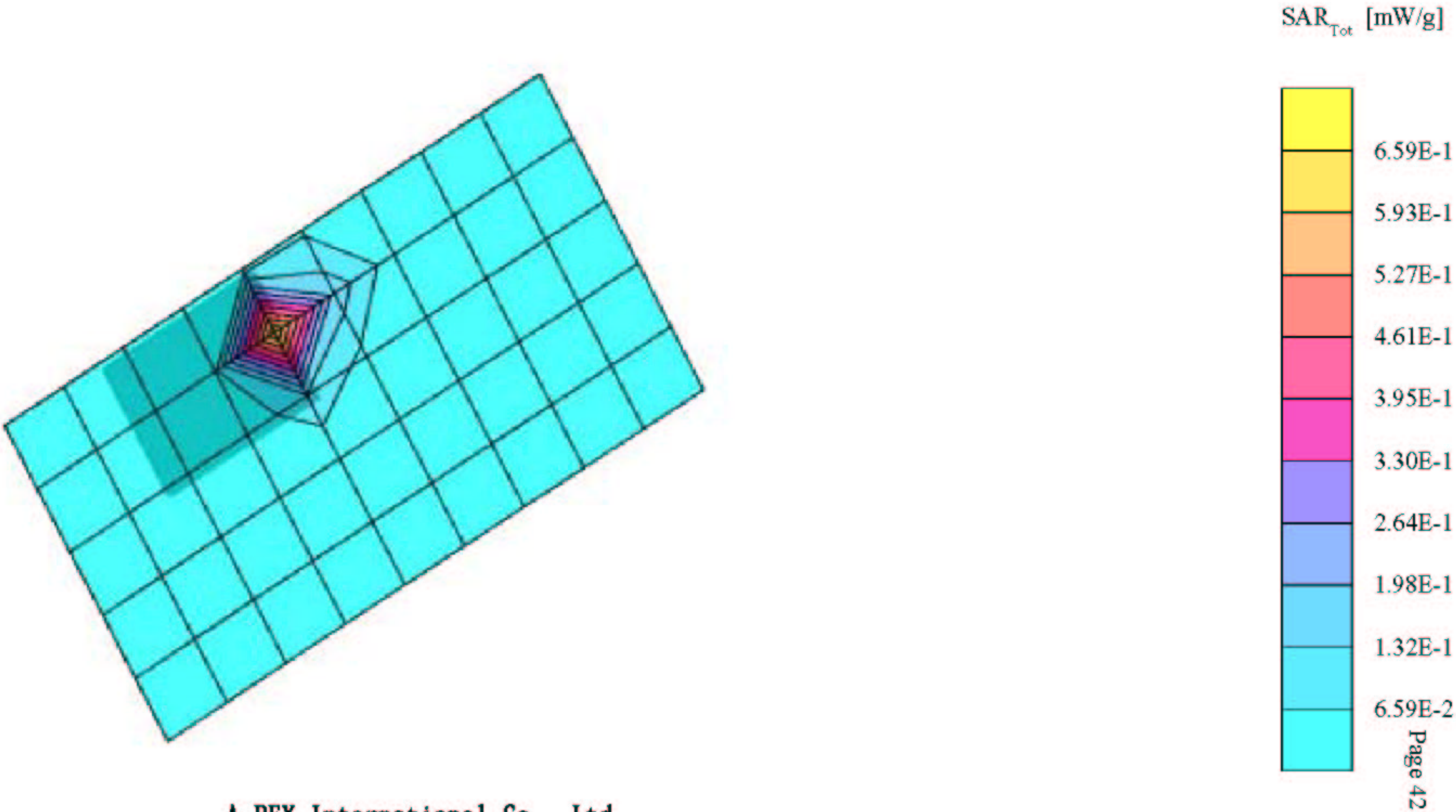
SAR (1g): 0.647 mW/g, SAR (10g): 0.287 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.01 \text{ mho/m}$ $\epsilon_r = 49.6$ $\rho = 1.00 \text{ g/cm}^3$
 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

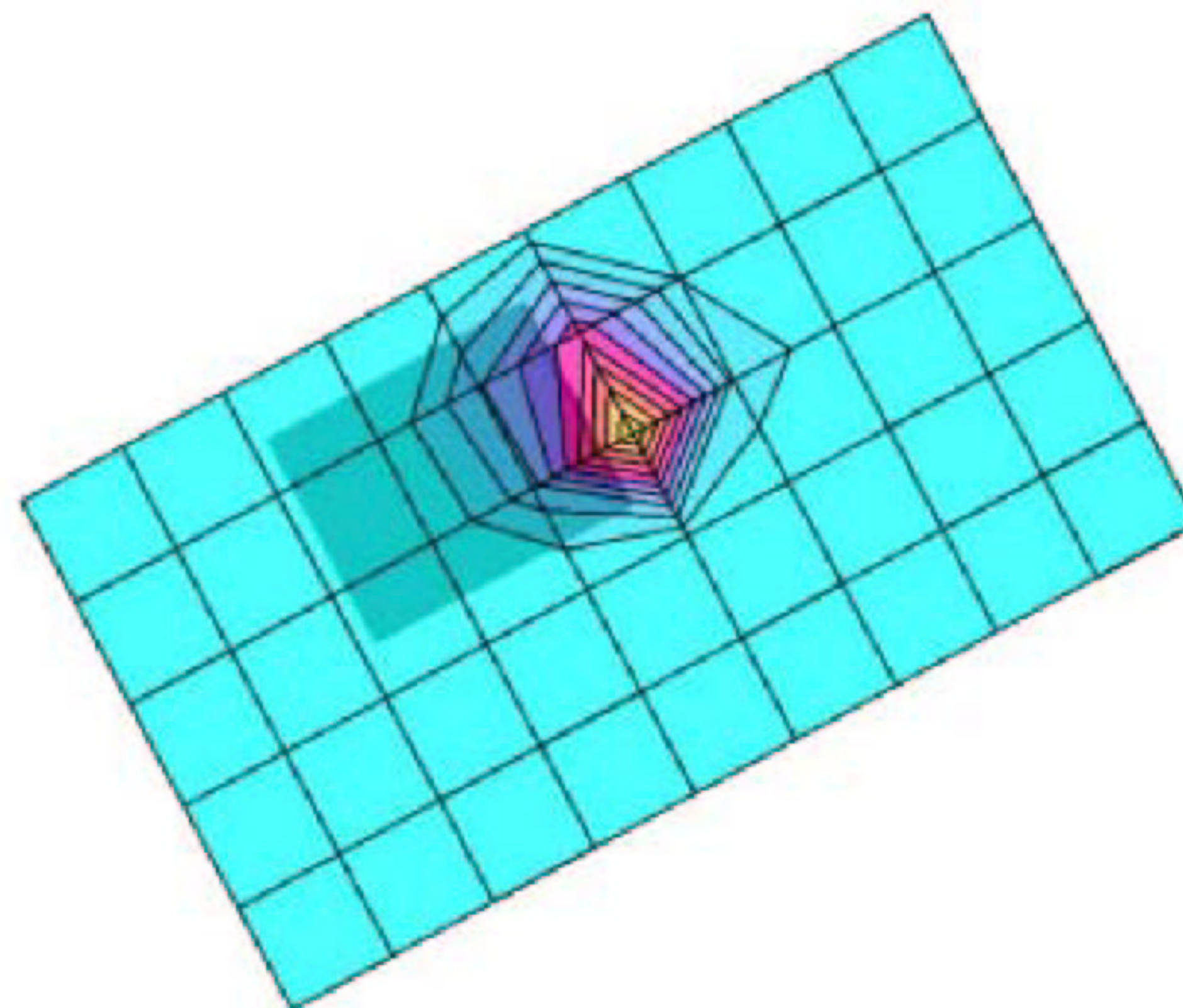
SAR (1g): 0.464 mW/g, SAR (10g): 0.192 mW/g * Max outside Worst-case extrapolation

Crest factor : 1.0

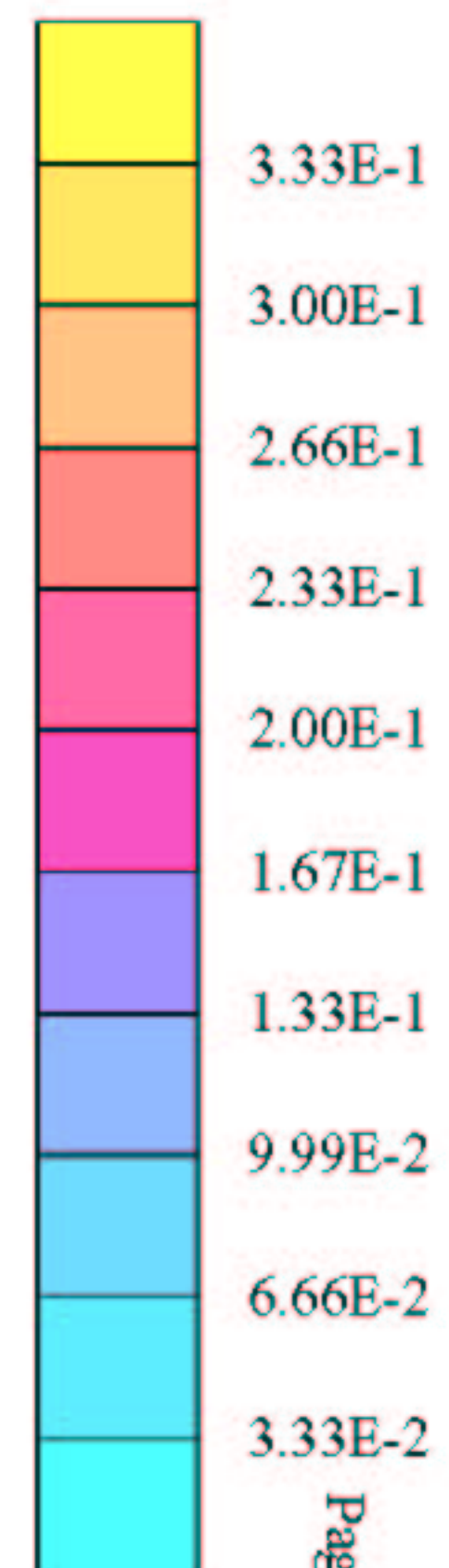
Medium : Body 2450 MHz: $\sigma = 2.01$ mho/m $\epsilon_r = 49.6$ $\rho = 1.00$ g/cm³
 Phantom : SAM Flat
 Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

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



SAR_{Tot} [mW/g]



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

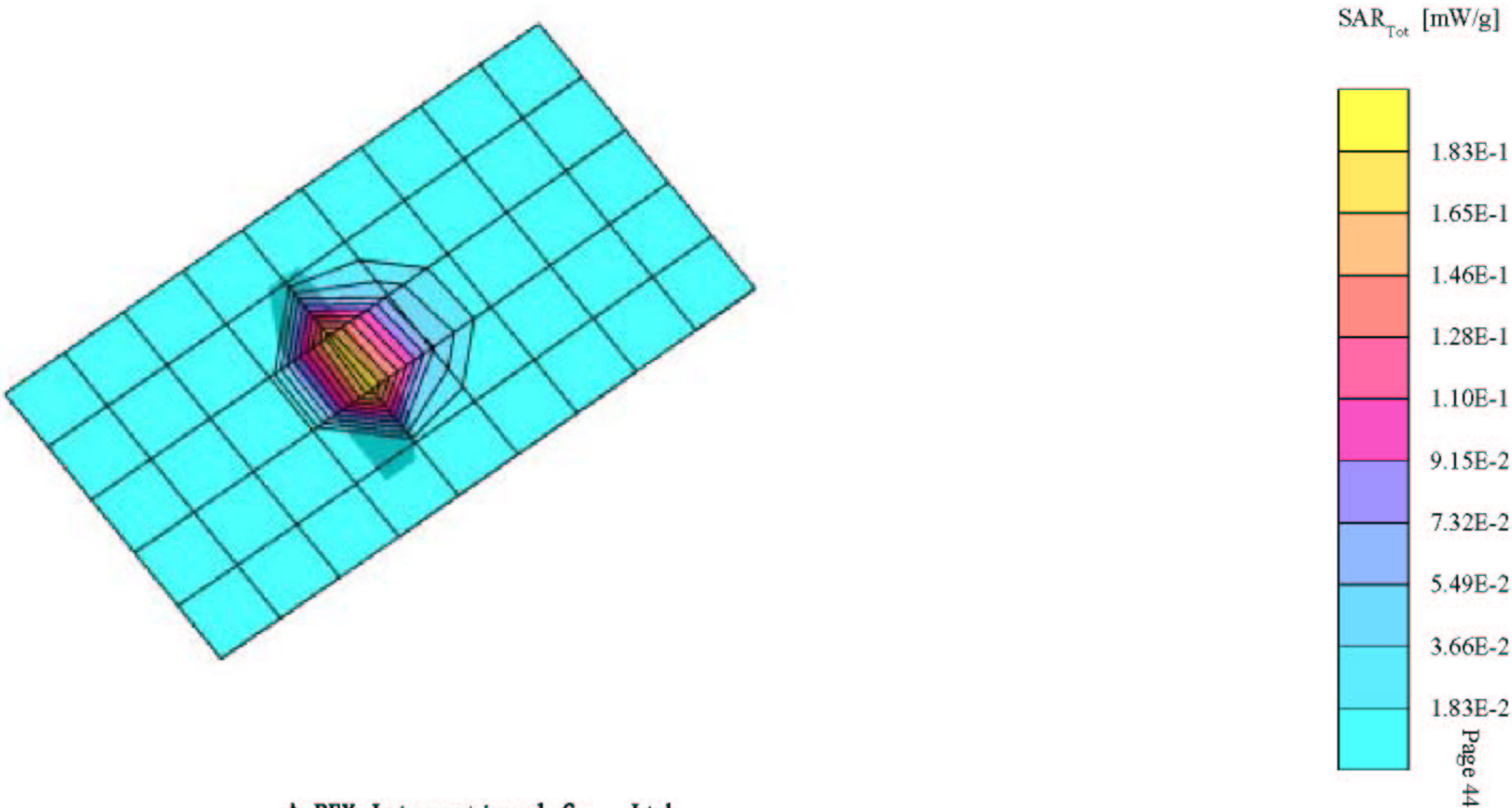
SAR (1g): 0.363 mW/g, SAR (10g): 0.151 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.01 \text{ mho/m}$ $\epsilon_r = 49.6$ $\rho = 1.00 \text{ g/cm}^3$
 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



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

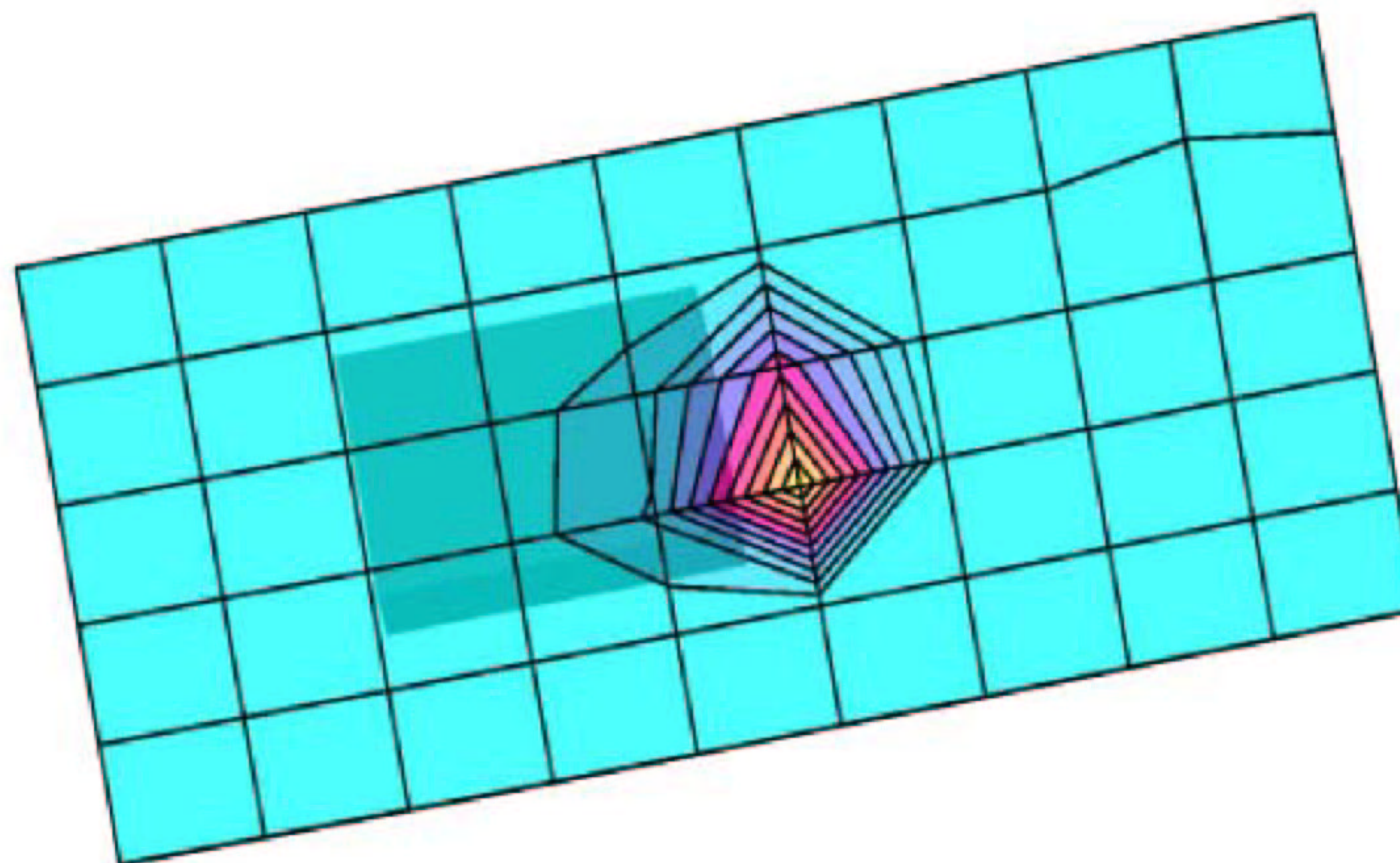
SAR (1g): 0.463 mW/g, SAR (10g): 0.204 mW/g Worst-case extrapolation

Crest factor : 1.0

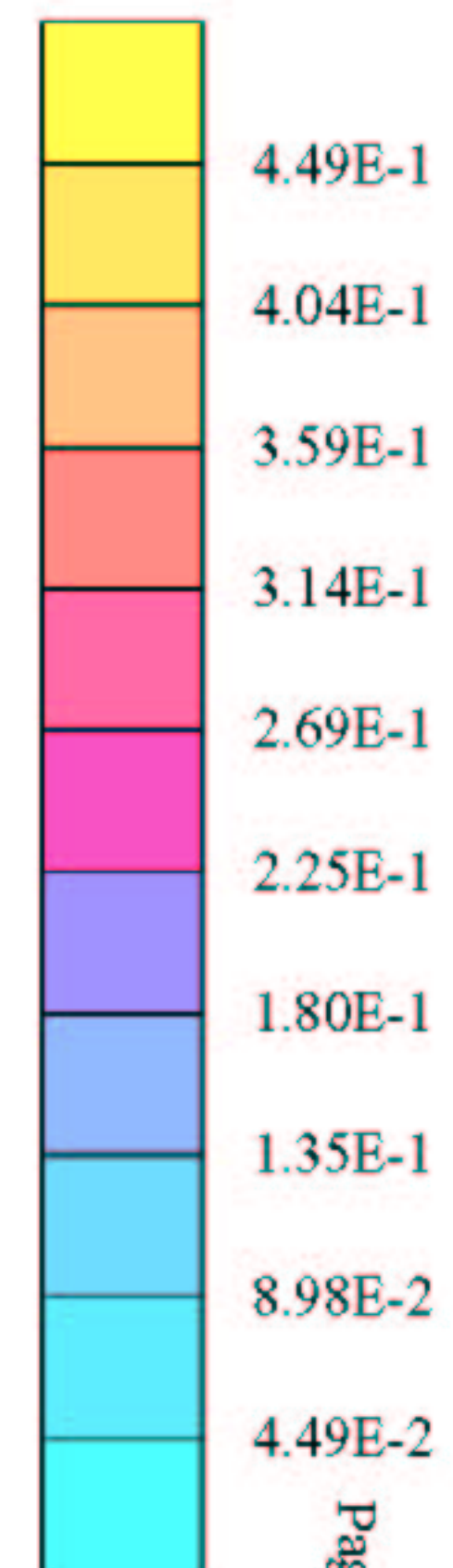
Medium : Body 2450 MHz: $\sigma = 2.01$ mho/m $\epsilon_r = 49.6$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

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_{Tot} [mW/g]



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

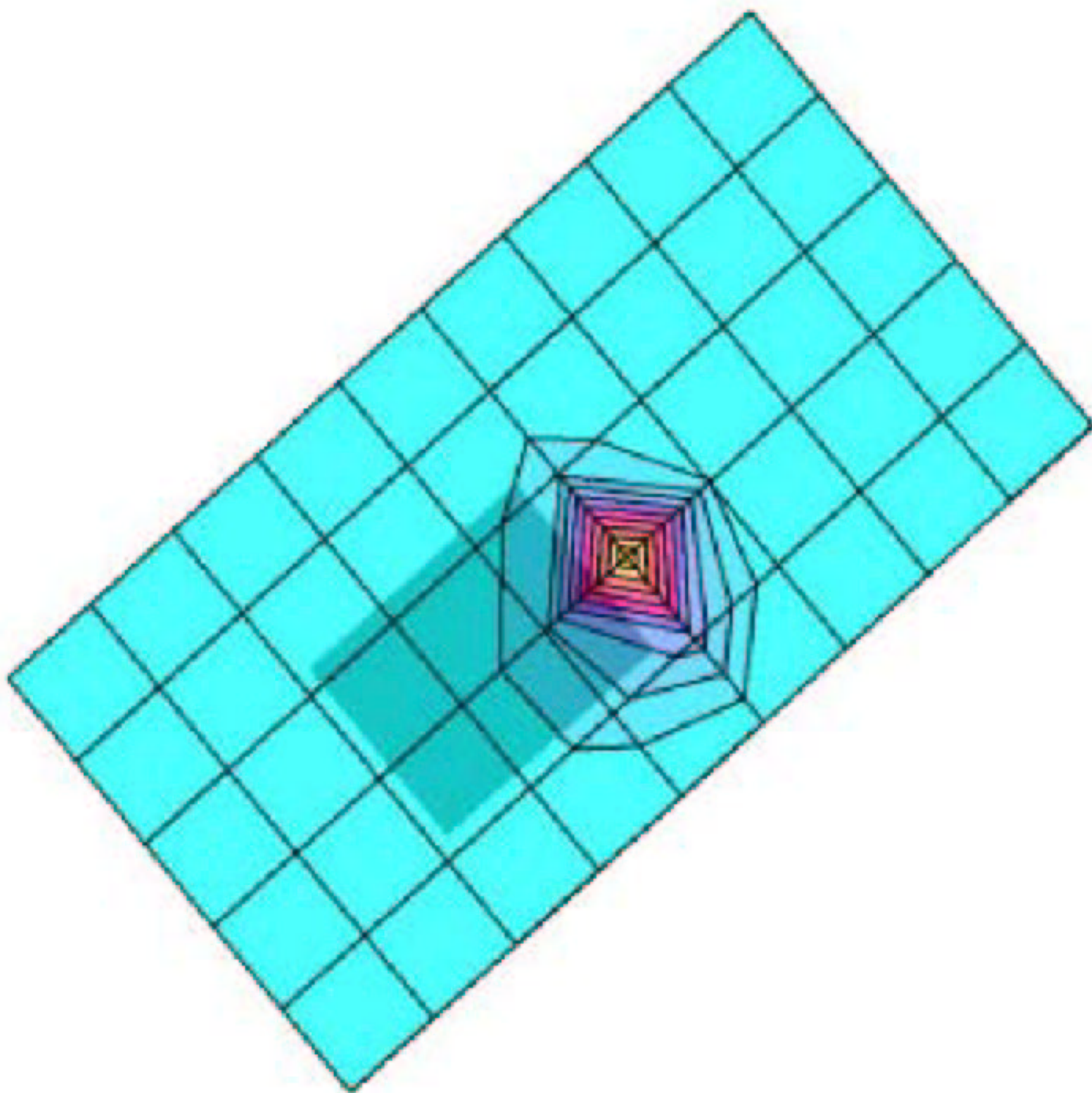
SAR (1g): 0.962 mW/g, SAR (10g): 0.413 mW/g Worst-case extrapolation

Crest factor : 1.0

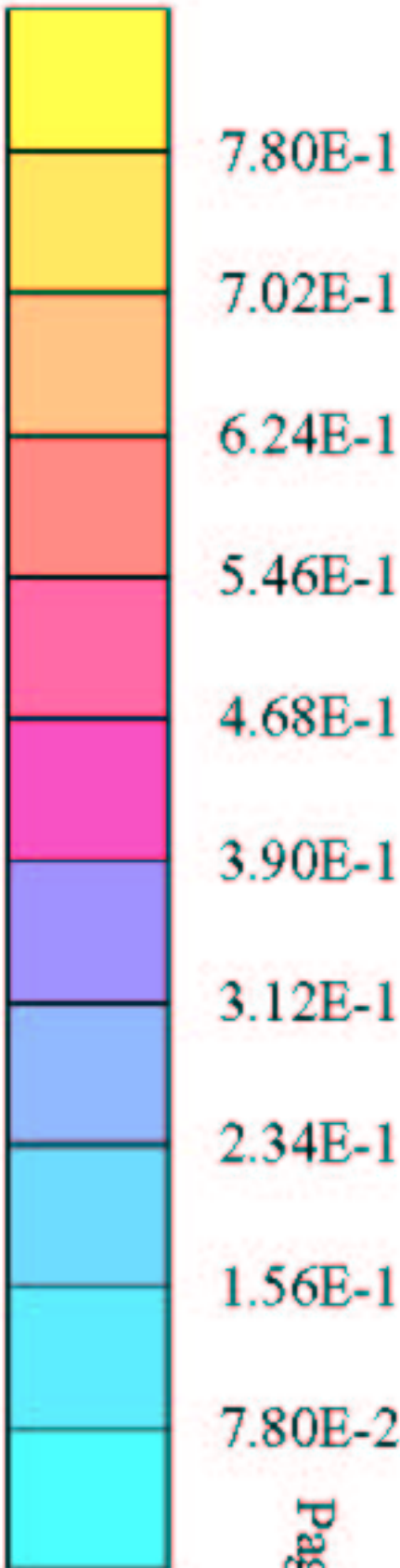
Medium : Body 2450 MHz: $\sigma = 2.01 \text{ mho/m}$ $\epsilon_r = 49.6$ $\rho = 1.00 \text{ g/cm}^3$
 Phantom : SAM Flat
 Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

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_{Tot} [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/cm³
Phantom : SAM
Probe : ET3DV6 - SN1684 ; ConvF(4.40,4.40,4.40)

