

APPENDIX 2: SAR Measurement data

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APPENDIX 2.1 Measurement 1

PEGA-WL110 (PCG-Z600HEK) / Body / Bottom of PC / 2437MHz

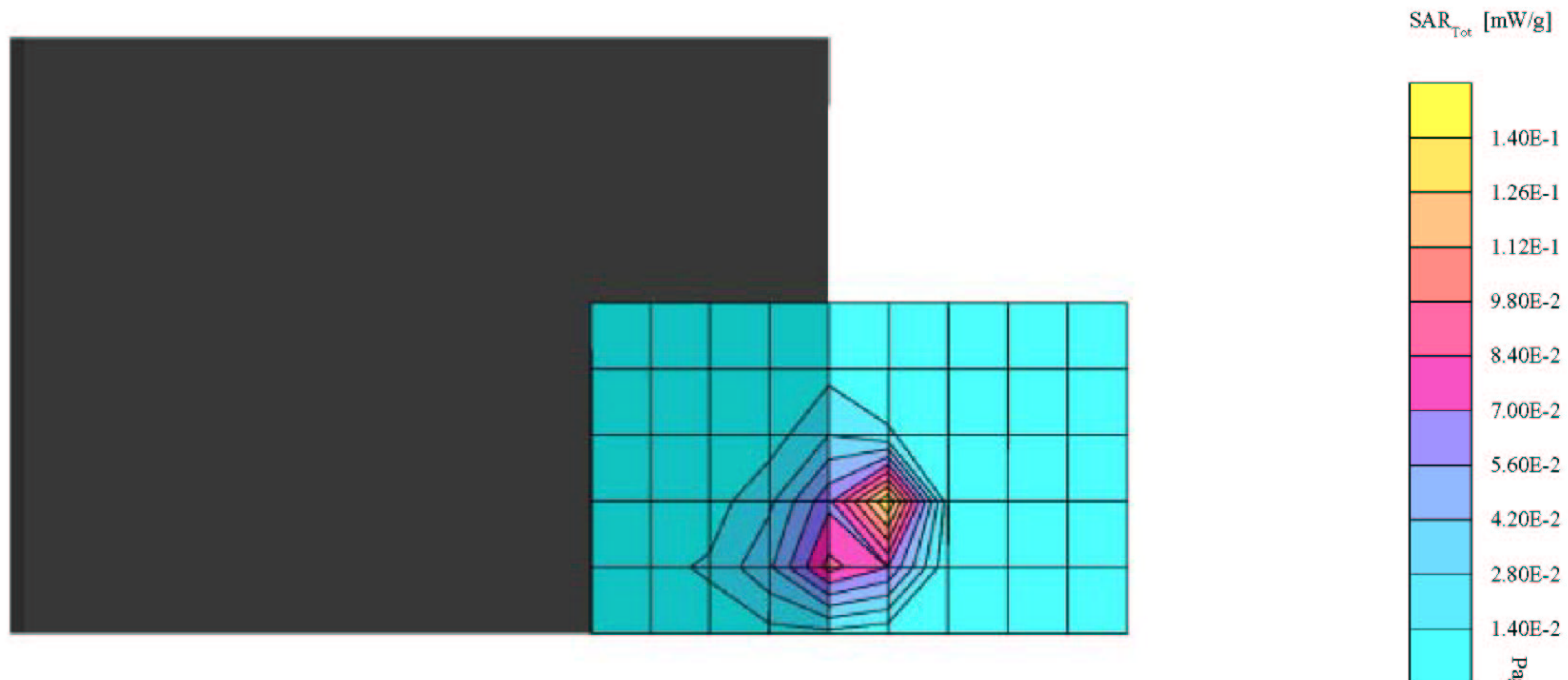
SAR (1g): 0.167 mW/g, SAR (10g): 0.0745 mW/g Worst-case extrapolation

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.02$ mho/m $\epsilon_r = 50.5$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.359 mW/g
Penetration depth: 6.4 (6.0, 7.4) [mm]

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



PEGA-WL110 (PCG-Z600HEK) / Body / Side of PC / 2437MHz

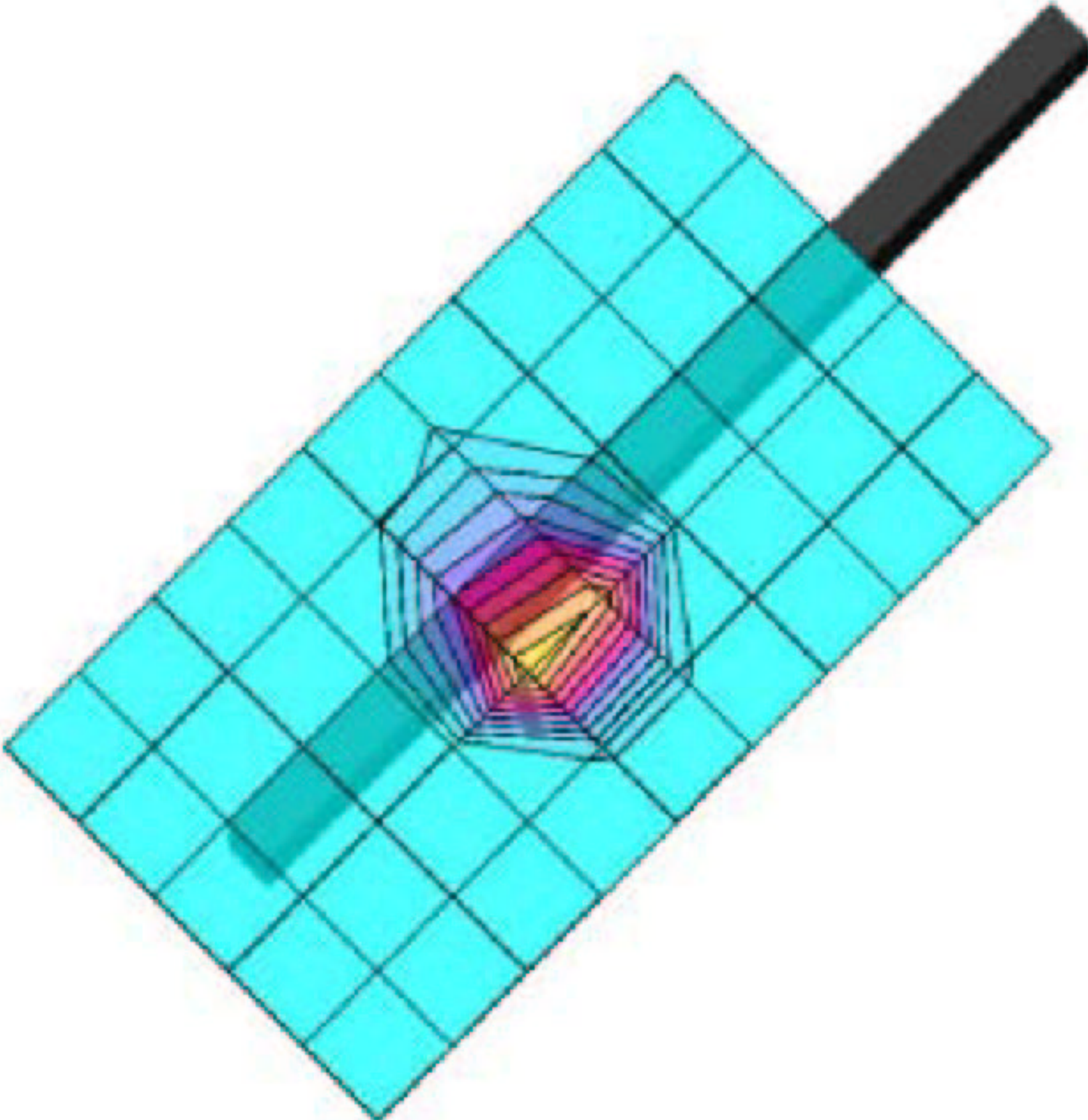
SAR (1g): 0.396 mW/g, SAR (10g): 0.150 mW/g Worst-case extrapolation

Crest factor : 1.0

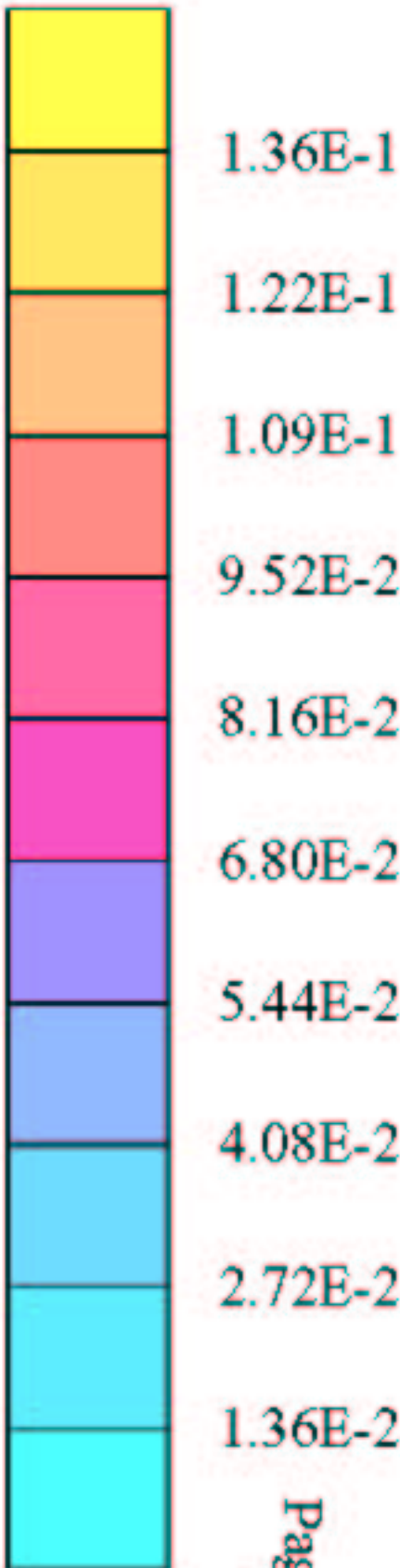
Medium : Body 2450 MHz: $\sigma = 2.02 \text{ mho/m}$ $\epsilon_r = 50.5$ $\rho = 1.00 \text{ g/cm}^3$
 Phantom : SAM Flat
 Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
 Peak: 0.914 mW/g
 Penetration depth: 5.7 (5.5, 6.4) [mm]

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



SAR_{Tot} [mW/g]



PEGA-WL110 (PCG-Z600HEK) / Body / Side of PC / 2412MHz

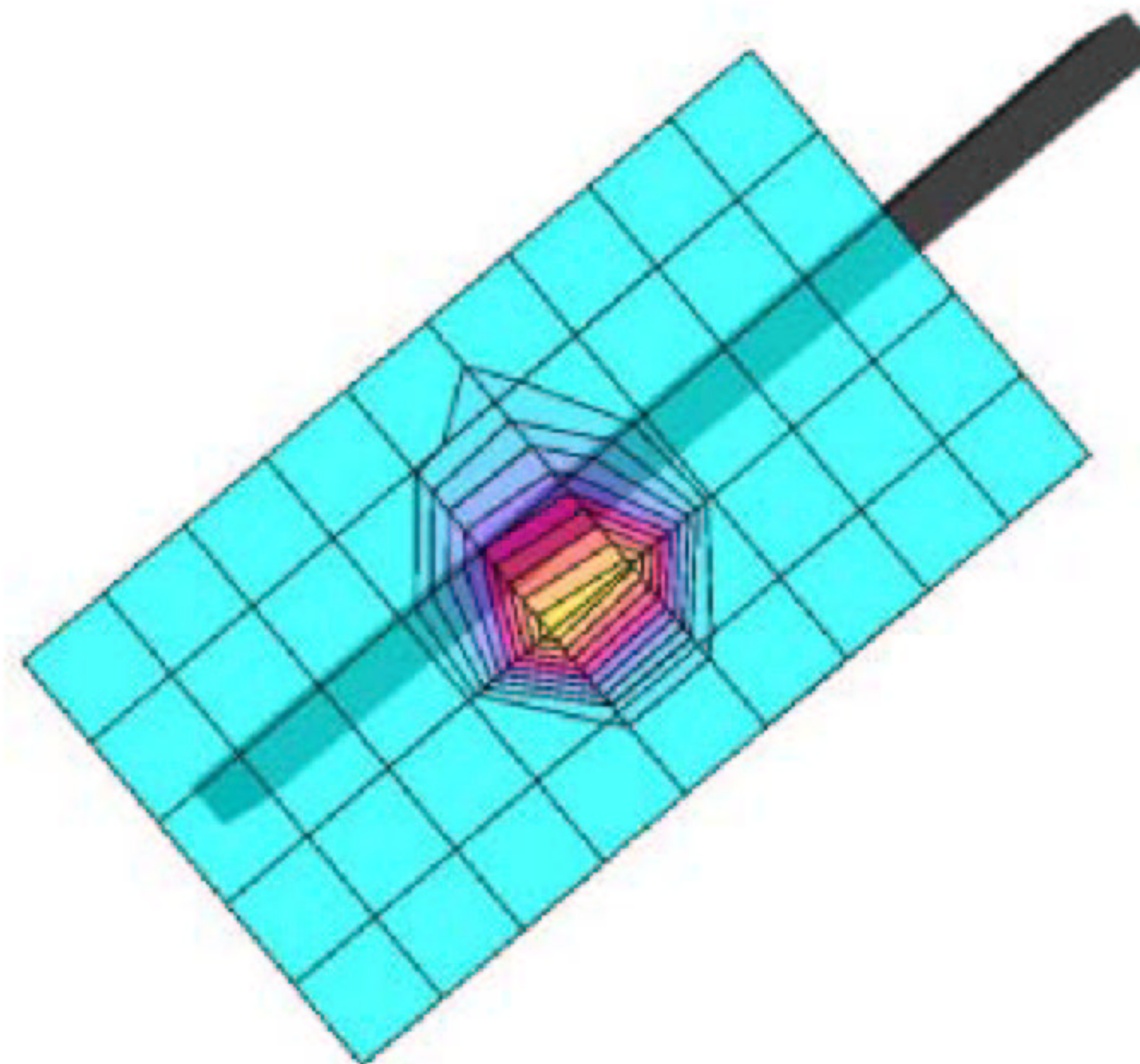
SAR (1g): 0.397 mW/g, SAR (10g): 0.150 mW/g Worst-case extrapolation

Crest factor : 1.0

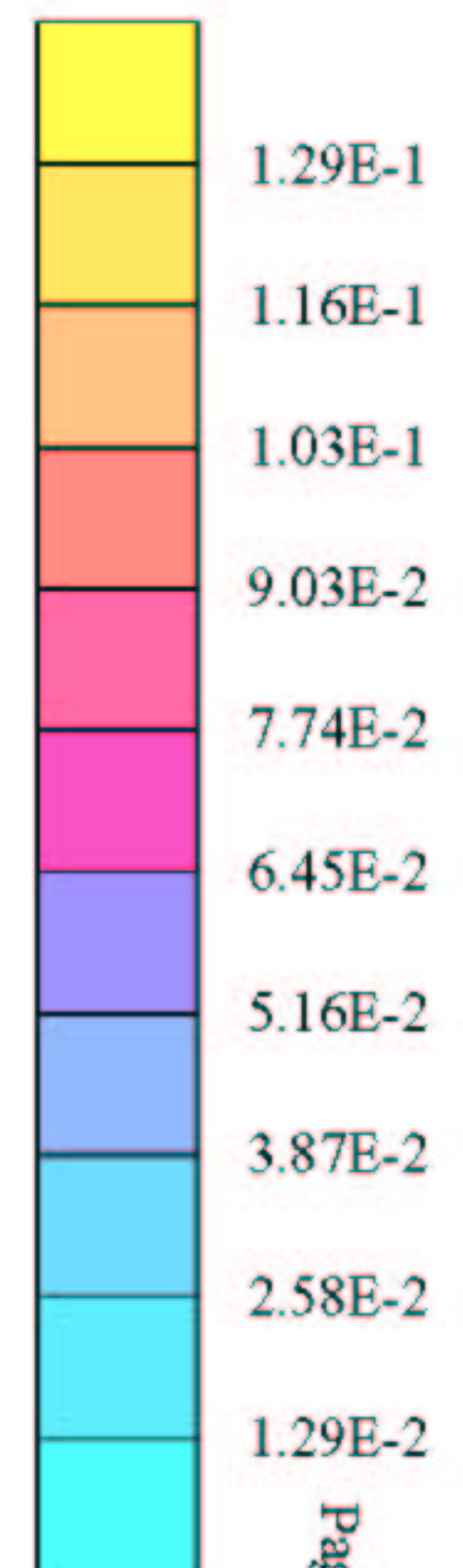
Medium : Body 2450 MHz: $\sigma = 2.02$ mho/m $\epsilon_r = 50.5$ $\rho = 1.00$ g/cm³
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
Peak: 0.918 mW/g
Penetration depth: 5.7 (5.5, 6.4) [mm]

Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 22.8 degree.c /After 23.0 degree.c



SAR_{Tot} [mW/g]



PEGA-WL110 (PCG-Z600HEK) / Body / Side of PC / 2462MHz

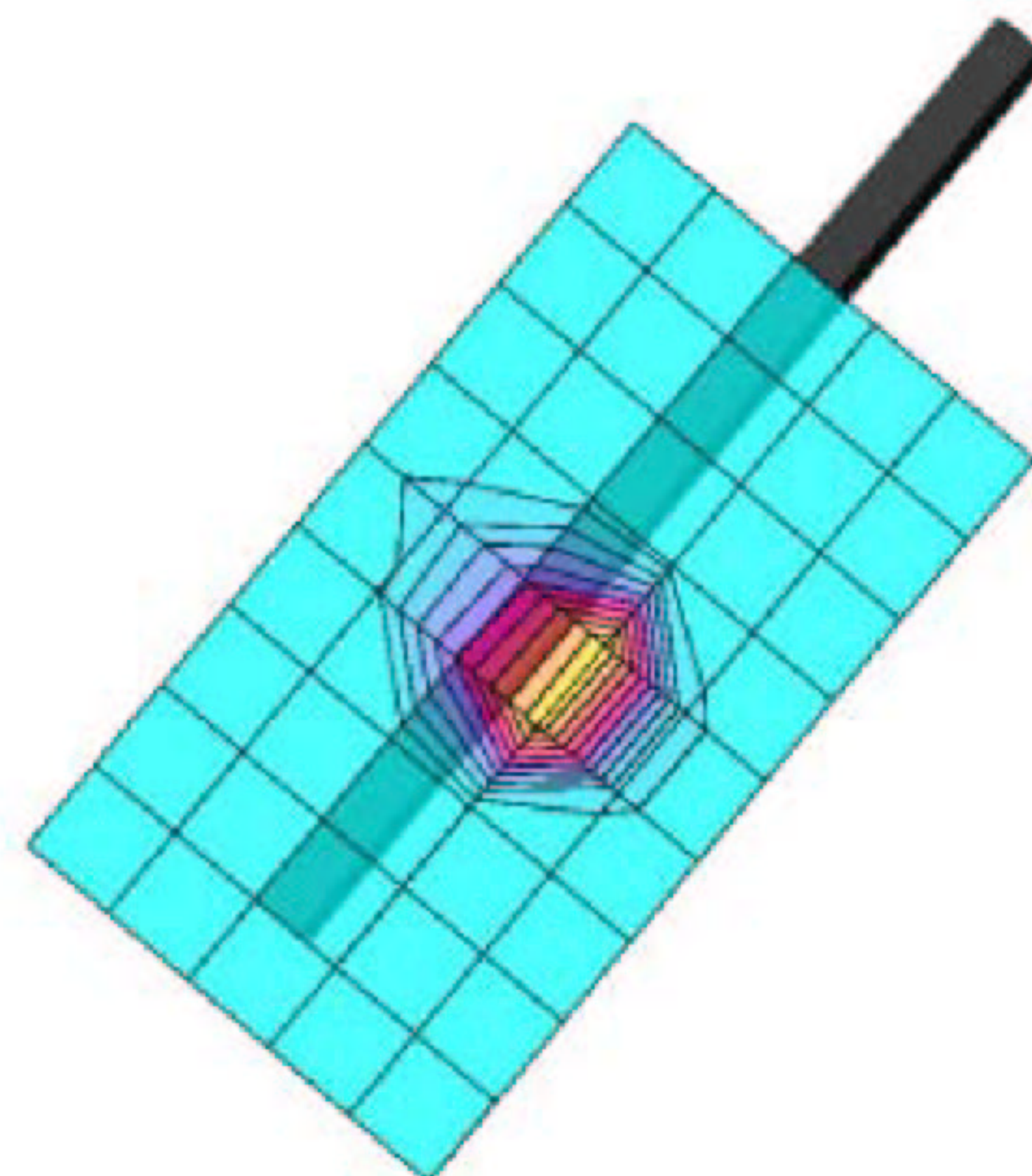
SAR (1g): 0.493 mW/g, SAR (10g): 0.180 mW/g Worst-case extrapolation

Crest factor : 1.0

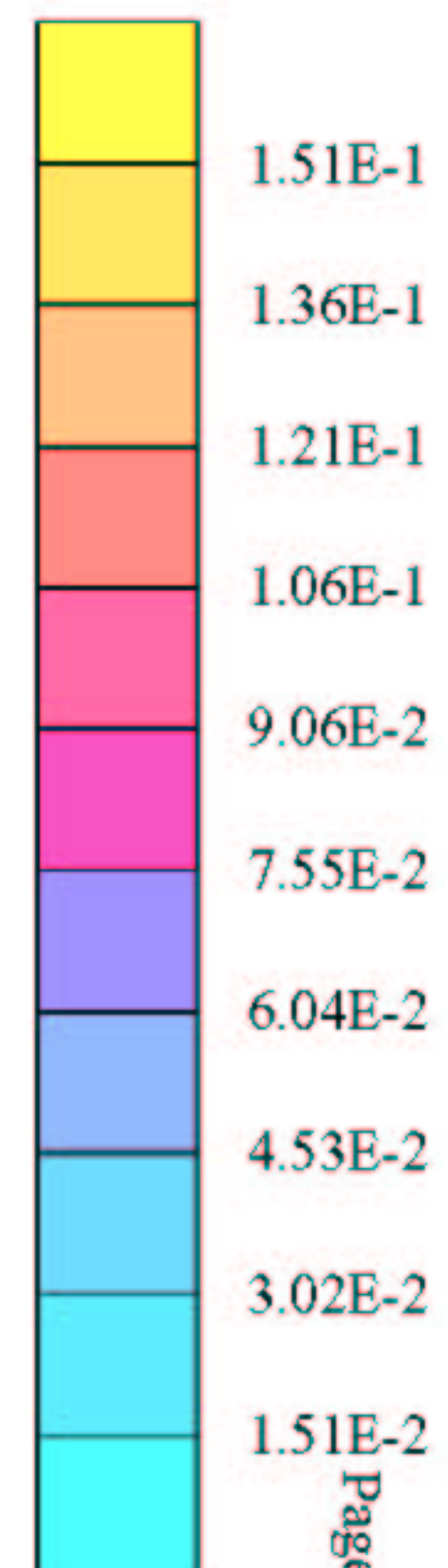
Medium : Body 2450 MHz: $\sigma = 2.02$ mho/m $\epsilon_r = 50.5$ $\rho = 1.00$ g/cm³
 Phantom : SAM Flat
 Probe : ET3DV6 - SN1684 : ConvF(4.40, 4.40, 4.40)

Cube 5x5x7
 Peak: 1.18 mW/g
 Penetration depth: 5.4 (5.2, 6.2) [mm]

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



SAR_{Tot} [mW/g]



Z-axis scan at max SAR location

PEGA-WL110 (PCG-Z600HEK) / Body / Side of PC / 2462MHz

Crest factor : 1.0

Medium : Body 2450 MHz: $\sigma = 2.02 \text{ mho/m}$ $\epsilon_r = 50.5$ $\rho = 1.00 \text{ g/cm}^3$

Phantom : SAM

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

