APPENDIX 3: Validation Measurement data

System Validation / Dipole 2450MHz

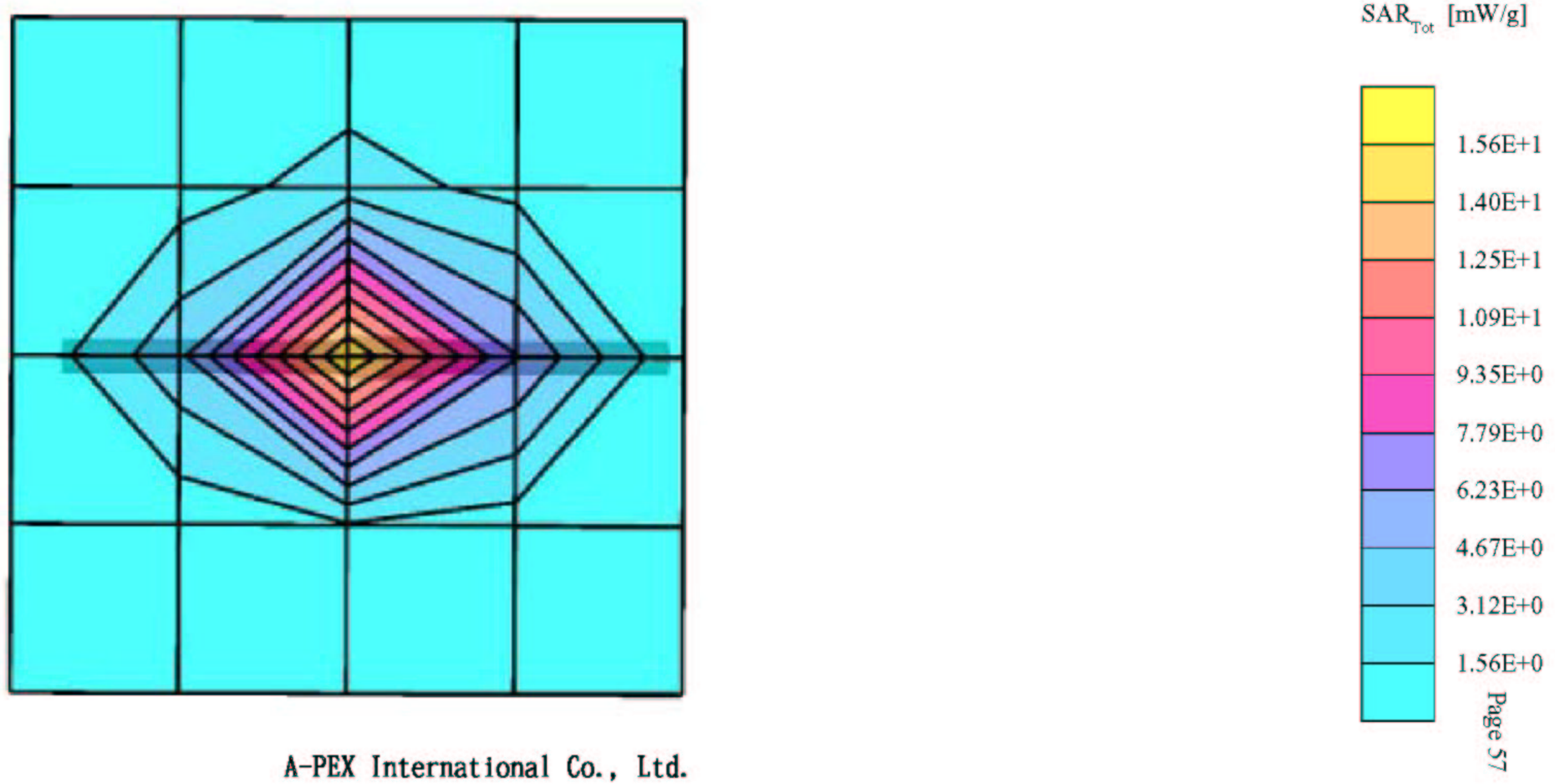
SAR (1g): 13.9 mW/g ± 0.00 dB, SAR (10g): 6.34 mW/g ± 0.01 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: σ = 1.88 mho/m ε_r = 35.5 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cubes (2)
Peak: 29.2 mW/g ± 0.01 dB
Penetration depth: 6.4 (6.1, 7.0) [mm]
Powerdrift: -0.02 dB

Forward Conducted Power / 250mW
Ambient Temperature / 24.3 degree.c
Liquid Temperature / Before 23.4 degree.c /After 23.4 degree.c



System Validation / Dipole 2450MHz

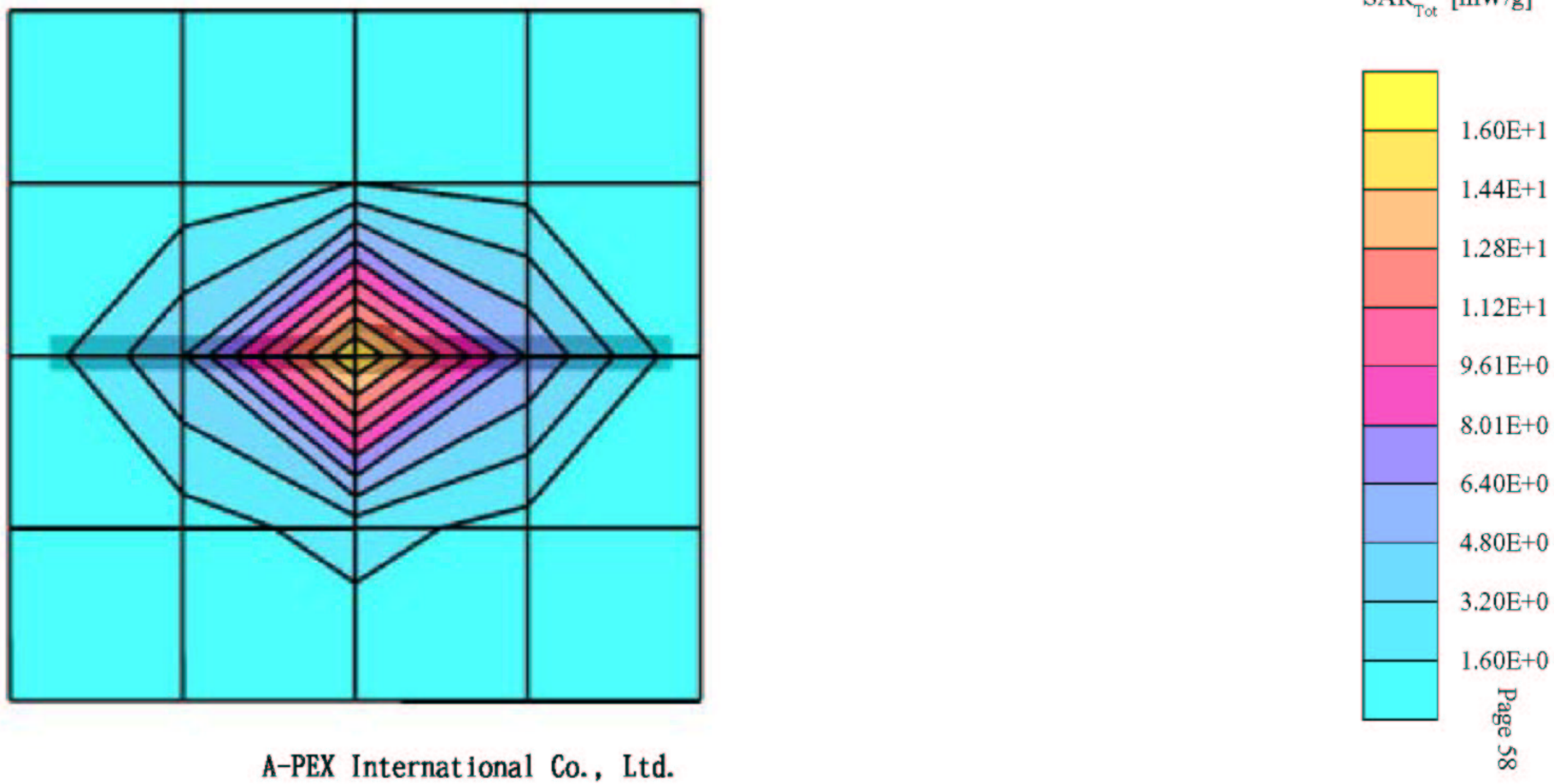
SAR (1g): 14.2 mW/g ± 0.02 dB, SAR (10g): 6.48 mW/g ± 0.04 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: σ = 1.87 mho/m ε_r = 35.4 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cubes (2)
Peak: 30.0 mW/g ± 0.01 dB
Penetration depth: 6.3 (6.1, 7.0) [mm]
Powerdrift: 0.01 dB

Forward Conducted Power / 250mW
Ambient Temperature / 23.6 degree.c
Liquid Temperature / Before 23.0 degree.c /After 23.0 degree.c



System Validation / Dipole 2450MHz

SAR (1g): 14.3 mW/g ± 0.02 dB, SAR (10g): 6.60 mW/g ± 0.03 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: σ = 1.88 mho/m ε_r = 35.3 ρ = 1.00 g/cm^3
Phantom : SAM Flat
Probe : ET3DV6 - SN1684 ; ConvF(4.90,4.90,4.90)

Cubes (2)
Peak: 29.6 mW/g ± 0.01 dB
Penetration depth: 6.3 (6.1, 7.0) [mm]
Powerdrift: 0.01 dB

Forward Conducted Power / 250mW
Ambient Temperature / 24.5 degree.c
Liquid Temperature / Before 23.6 degree.c /After 23.6 degree.c