

APPENDIX 3: Validation Measurement data

System Validation / Dipole 2450MHz

SAR (1g): 13.5 mW/g $\pm$ 0.00 dB, SAR (10g): 6.19 mW/g $\pm$ 0.03 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.86$ mho/m $\epsilon_r = 35.7$ $\rho = 1.00$ g/cm³
 Phantom : SAM Flat
 Probe : ET3DV6 - SN1684 ; ConvF(4.90, 4.90, 4.90)

Cubes (2)

Peak: 28.3 mW/g $\pm$ 0.04 dB

Penetration depth: 6.2 (6.0, 6.9) [mm]

Powerdrift: -0.04 dB

Forward Conducted Power / 250mW

Ambient Temperature / 23.3 degree.c

Liquid Temperature / Before 22.8 degree.c /After 22.8 degree.c

