

APPENDIX 3: Validation Measurement data

System Validation / Dipole 2450MHz

SAR (1g): 14.3 mW/g \pm 0.02 dB, SAR (10g): 6.52 mW/g \pm 0.00 dB Worst-case extrapolation

Crest factor : 1.0

Medium : Head 2450 MHz: $\sigma = 1.79$ 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: 29.8 mW/g \pm 0.04 dB
 Penetration depth: 6.4 (6.2, 7.1) [mm]
 Powerdrift: -0.01 dB

Forward Conducted Power / 250mW
 Ambient Temperature / 24.8degree.c
 Liquid Temperature / Before 23.8 degree.c /After 23.8 degree.c

