APPENDIX A – SAR TEST PLOTS

Test Laboratory: HCT

Channel : F1(461.0338 MHz)
Liquid Temperature : 21.2 ℃
Date Tested : May 25, 2006

DUT: BR777 (Head); Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 461.034 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 461.034 MHz; $\sigma = 0.866$ mho/m; $\varepsilon_r = 45.5$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.21, 7.21, 7.21); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

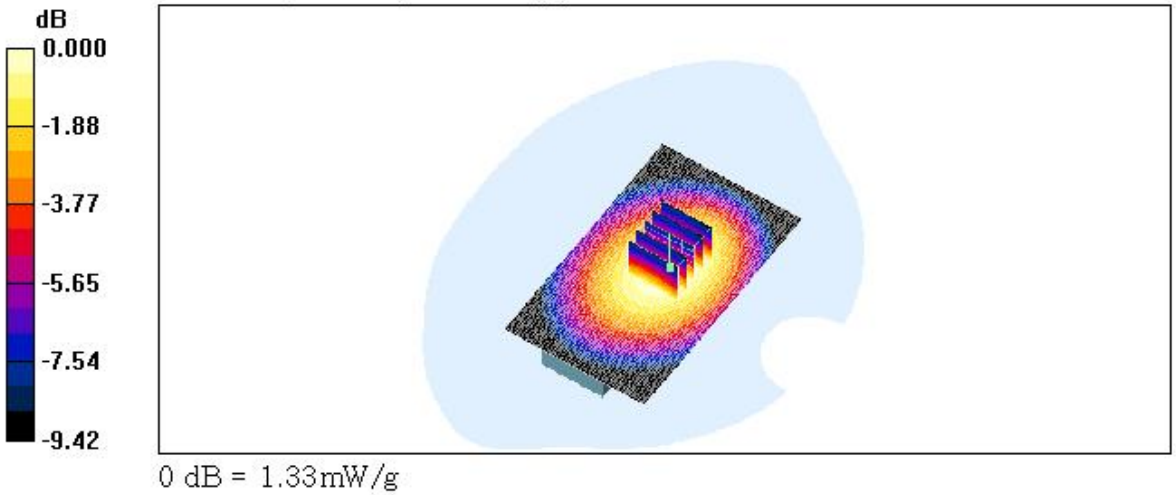
450 HEAD 1/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.35 mW/g

450 HEAD 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.6 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.878 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

Test Laboratory: HCT

Channel : F2(464.4936 MHz)
Liquid Temperature : 21.2 ℃
Date Tested : May 25, 2006

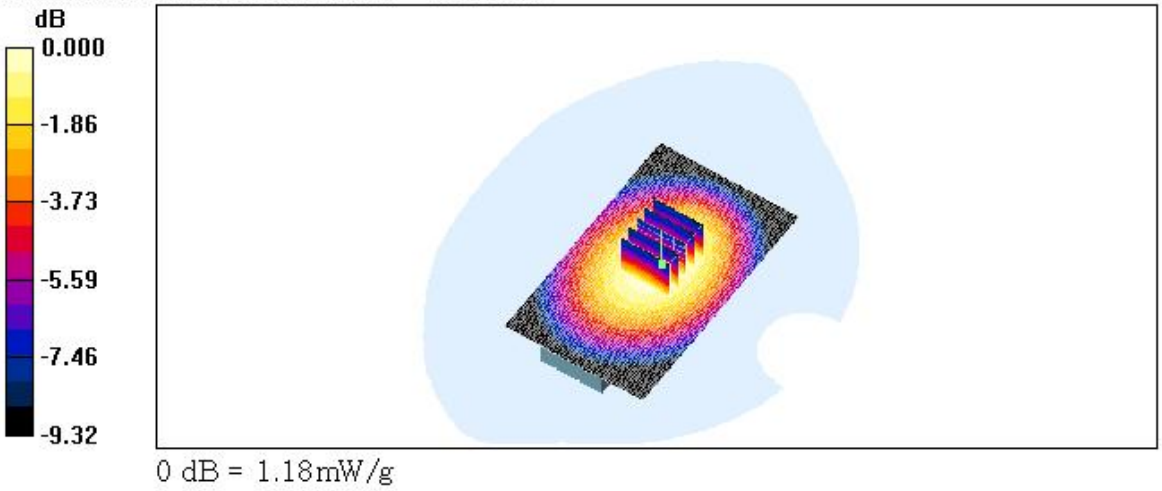
DUT: BR777 (Head); Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 464.494 MHz;Duty Cycle: 1:1
Medium parameters used: f = 465 MHz; $\sigma = 0.872$ mho/m; $\varepsilon_r = 45.5$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.21, 7.21, 7.21); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

450 HEAD 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.21 mW/g

450 HEAD 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.4 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.784 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

Test Laboratory: HCT

Channel : F4(469.5621MHz)
Liquid Temperature : 21.2 ℃
Date Tested : May 25, 2006

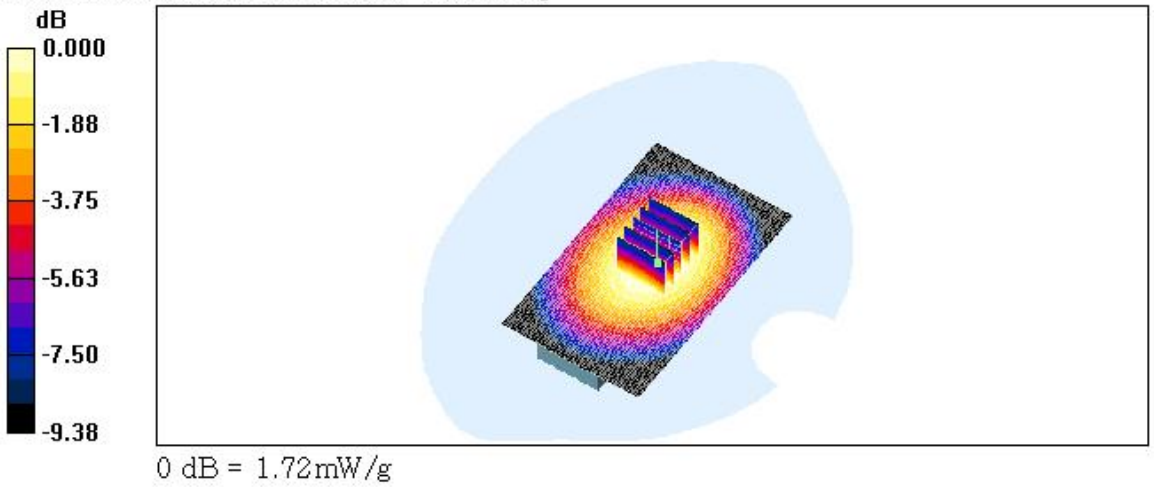
DUT: BR777 (Head); Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 469.562 MHz;Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; σ = 0.881 mho/m; ε_r = 45.4; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.21, 7.21, 7.21); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

450 HEAD 4/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.84 mW/g

450 HEAD 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 46.1 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 1.65 mW/g; SAR(10 g) = 1.15 mW/g
Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 1.72mW/g

Test Laboratory: HCT

Channel : F1(461.0338 MHz)
Liquid Temperature : 21.2 ℃
Date Tested : May 25, 2006

DUT: BR777 (Body); Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 461.034 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 461.034 MHz; σ = 0.955 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

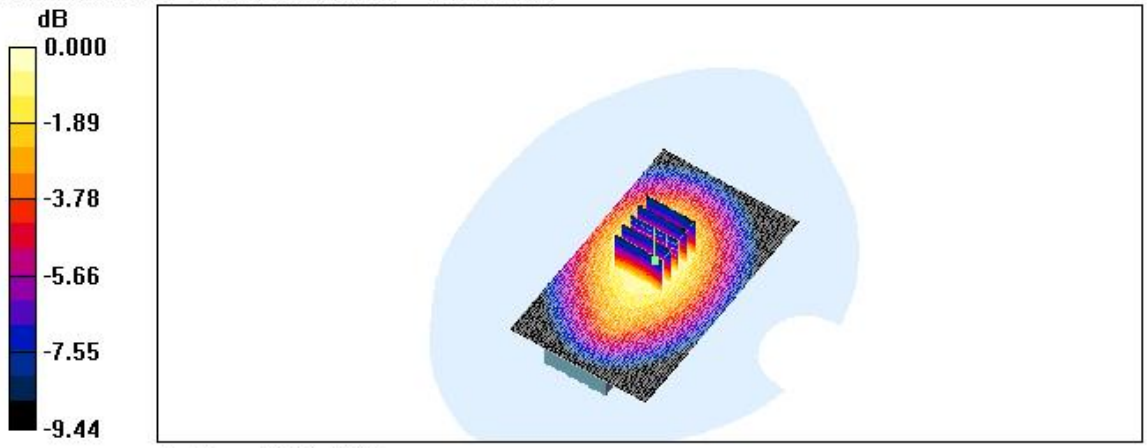
DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.14, 7.14, 7.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

450 BODY 1/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.27 mW/g

450 BODY 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.4 V/m; Power Drift = -0.261 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.822 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 mW/g



0 dB = 1.30mW/g

Test Laboratory: HCT

Channel : F2(464.4936 MHz)
Liquid Temperature : 21.2 ℃
Date Tested : May 25, 2006

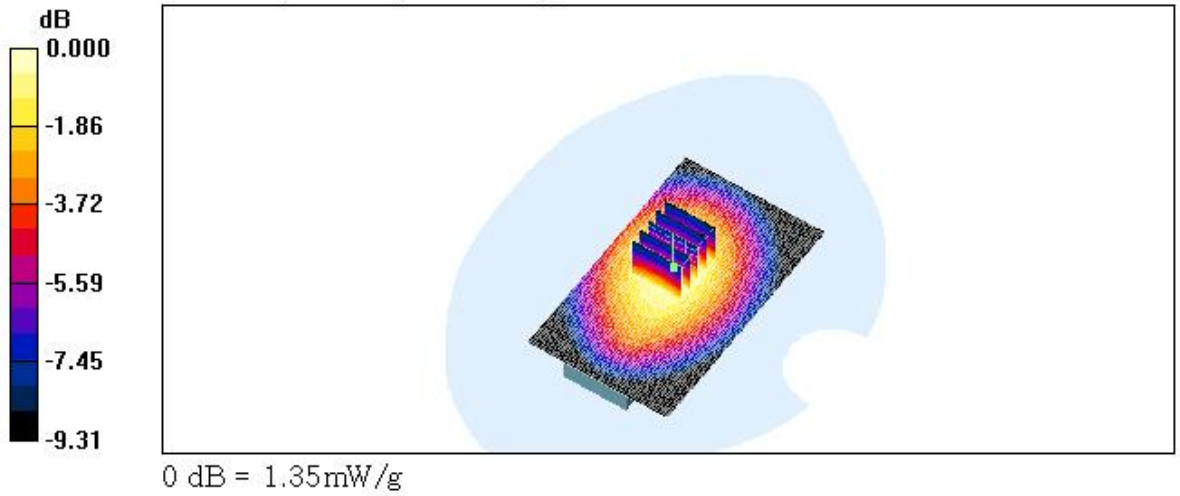
DUT: BR777 (Body); Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 464.494 MHz;Duty Cycle: 1:1
Medium parameters used: f = 465 MHz; $\sigma = 0.957$ mho/m; $\varepsilon_r = 54.3$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.14, 7.14, 7.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

450 BODY 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.32 mW/g

450 BODY 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.6 V/m; Power Drift = -0.189 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.868 mW/g
Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

Test Laboratory: HCT

Channel : F4(469.5621 MHz)
Liquid Temperature : 21.2 ℃
Date Tested : May 25, 2006

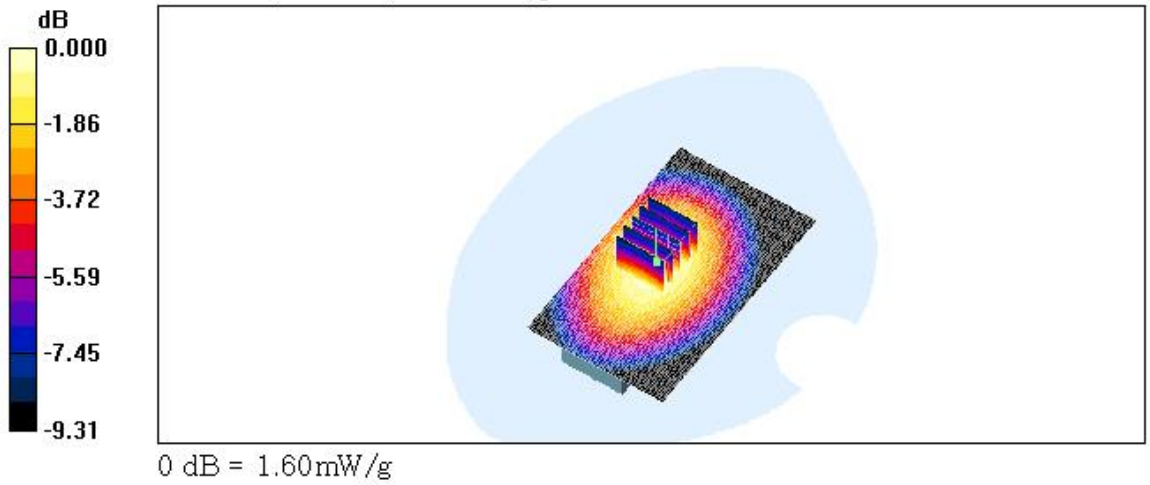
DUT: BR777 (Body); Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 469.562 MHz;Duty Cycle: 1:1
Medium parameters used: f = 470 MHz; $\sigma = 0.962$ mho/m; $\varepsilon_r = 54.3$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

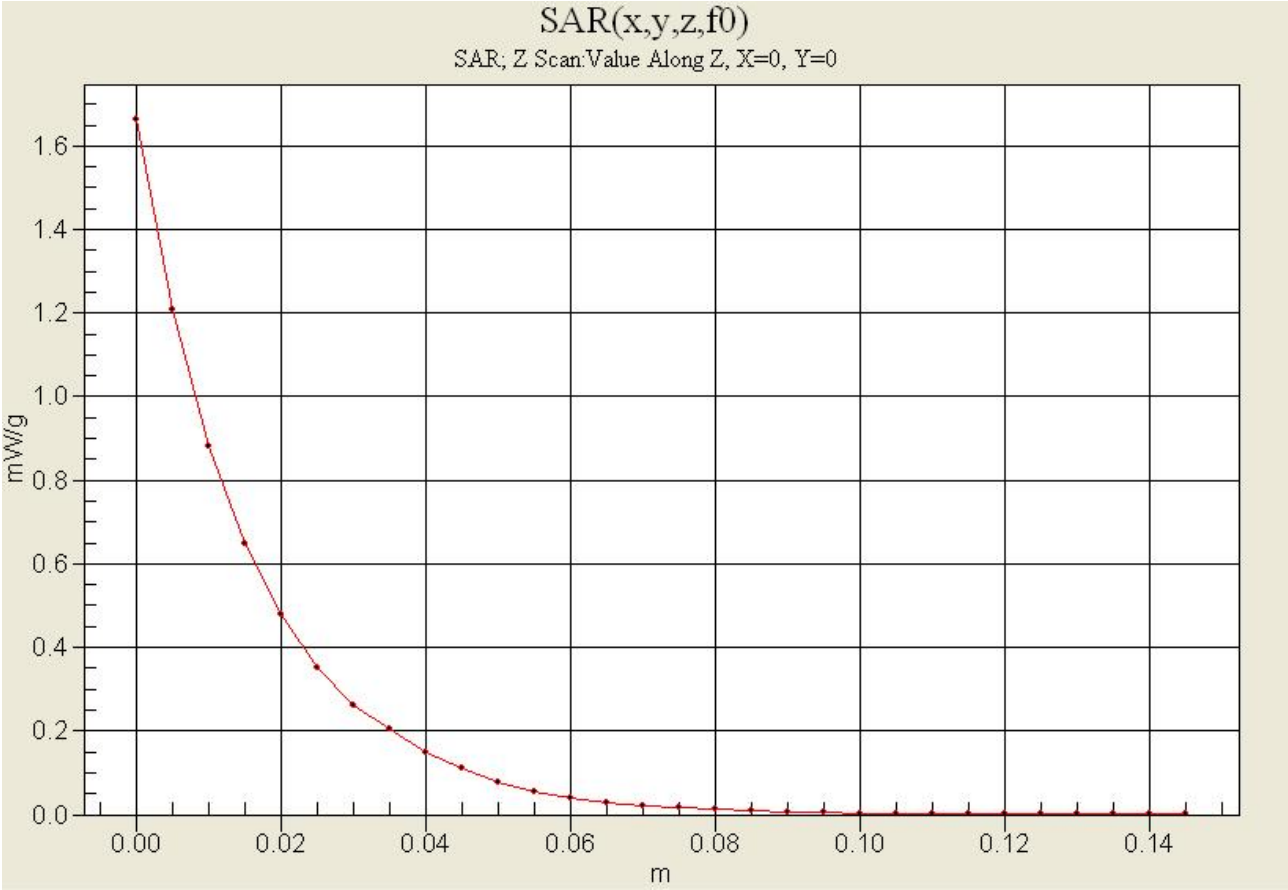
DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.14, 7.14, 7.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

450 BODY 4/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.62 mW/g

450 BODY 4/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.9 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.05 mW/g
Maximum value of SAR (measured) = 1.60 mW/g



0 dB = 1.60mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
m