APPENDIX A – SAR TEST PLOTS

Test Laboratory: HCT

Channel : 1(Low)
Liquid Temperature : 21.6℃
Date Tested : March 27, 2007

DUT: LTK-1300HR Front; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 450.325 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 450.325 MHz; σ = 0.963 mho/m; ε_r = 56.7; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

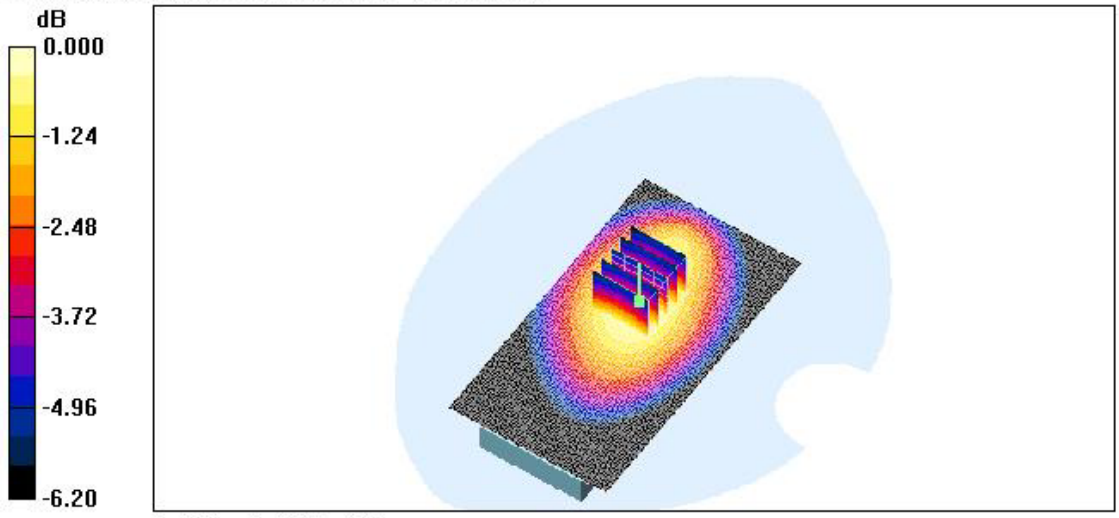
LTK-1300HR Body front 1/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.474 mW/g

LTK-1300HR Body front 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.361 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.482mW/g

Test Laboratory: HCT

Channel : 2(Middle)
Liquid Temperature : 21.6℃
Date Tested : March 27, 2007

DUT: LTK-1300HR Front; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 453.025 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 453.025 MHz; σ = 0.965 mho/m; ε_r = 56.6; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

LTK-1300HR Body front 2/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

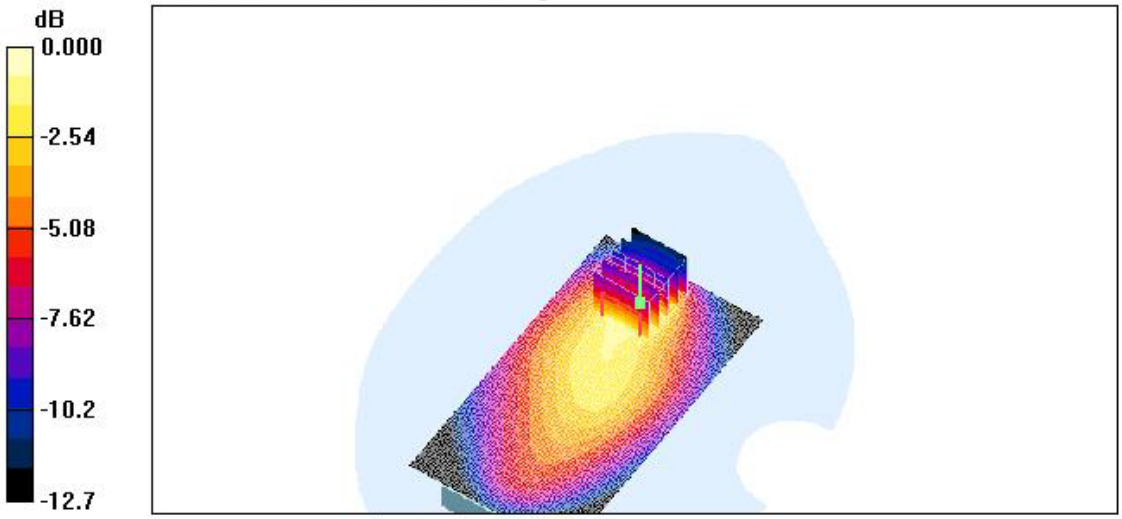
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.336 mW/g

LTK-1300HR Body front 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = -0.196 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.191 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.345 mW/g



0 dB = 0.345mW/g

Test Laboratory: HCT

Channel : 3(High)
Liquid Temperature : 21.6℃
Date Tested : March 27, 2007

DUT: LTK-1300HR Front; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 462.575 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 462.575 MHz; σ = 0.972 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

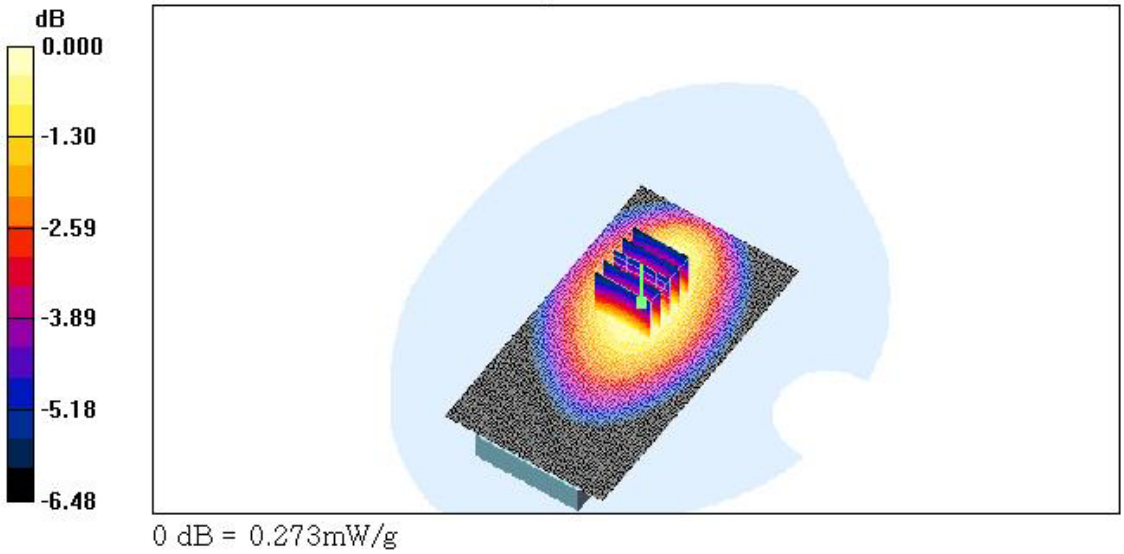
DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

LTK-1300HR Body front 3/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.270 mW/g

LTK-1300HR Body front 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.202 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.273mW/g

Test Laboratory: HCT

Channel : 1 (Low)
Liquid Temperature : 21.6℃
Date Tested : March 27 , 2007

DUT: LTK-1300HR back; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 450.325 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 450.325 MHz; σ = 0.963 mho/m; ε_r = 56.7; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

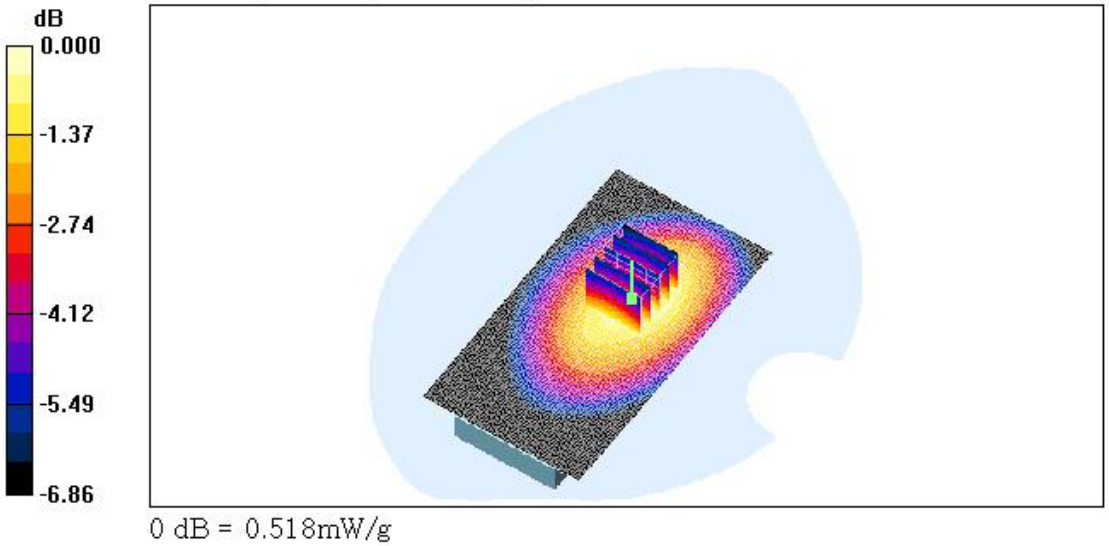
DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

LTK-1300HR back 450 Body 1/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.522 mW/g

LTK-1300HR back 450 Body 1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = -0.169 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.368 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.518 mW/g



0 dB = 0.518mW/g

Test Laboratory: HCT

Channel : 2(Middle)
Liquid Temperature : 21.6℃
Date Tested : March 27, 2007

DUT: LTK-1300HR back; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 453.025 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 453.025 MHz; $\sigma = 0.965$ mho/m; $\varepsilon_r = 56.6$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

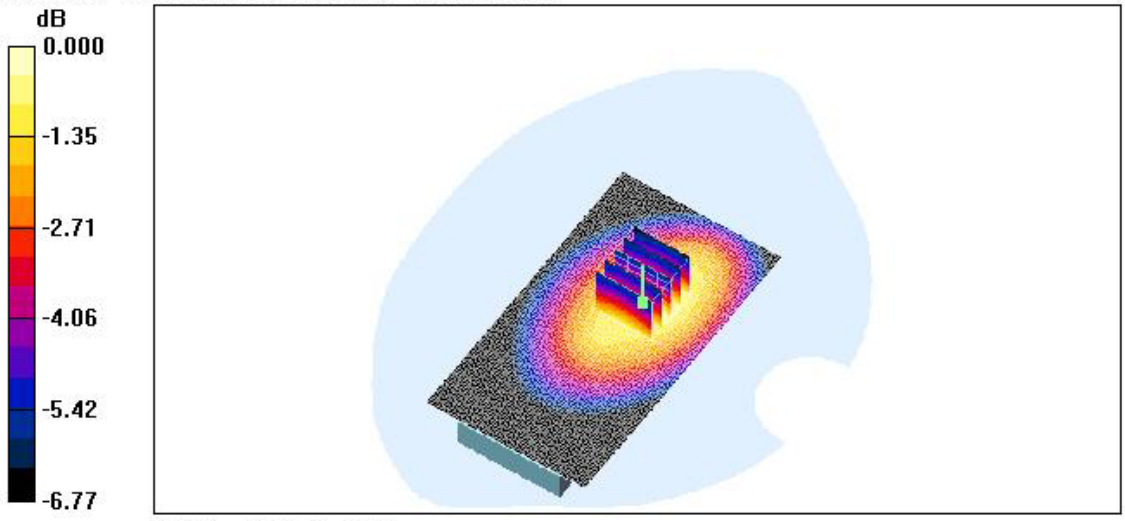
DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

LTK-1300HR Body back 2/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.554 mW/g

LTK-1300HR Body back 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.398 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.564mW/g

Test Laboratory: HCT

Channel : 3(High)
Liquid Temperature : 21.6℃
Date Tested : March 27, 2007

DUT: LTK-1300HR back; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 462.575 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 462.575 MHz; σ = 0.972 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

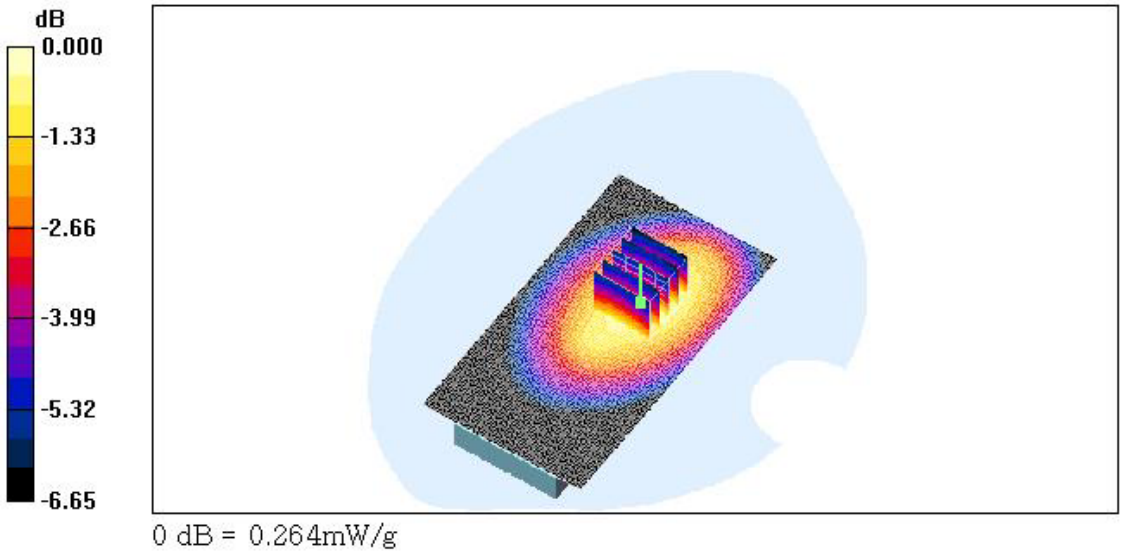
DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

LTK-1300HR Body back 3/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.259 mW/g

LTK-1300HR Body back 3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = -0.198 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.187 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

Test Laboratory: HCT

Channel : 2(Middle)
Liquid Temperature : 21.6℃
Date Tested : March 27, 2007

DUT: LTK-1300HR back; Type: Bar; Serial: #1

Communication System: 450MHz; Frequency: 453.025 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 453.025 MHz; $\sigma = 0.965$ mho/m; $\varepsilon_r = 56.6$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1607; ConvF(7.62, 7.62, 7.62); Calibrated: 2007-02-21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2007-01-25
- Phantom: SAM 835/900 MHz; Type: SAM

LTK-1300HR Body back 2/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.534 mW/g