APPENDIX 2 : SAR Measurement Reference data (Head)

3F8508 / Head / Front / 11.b / 2437MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

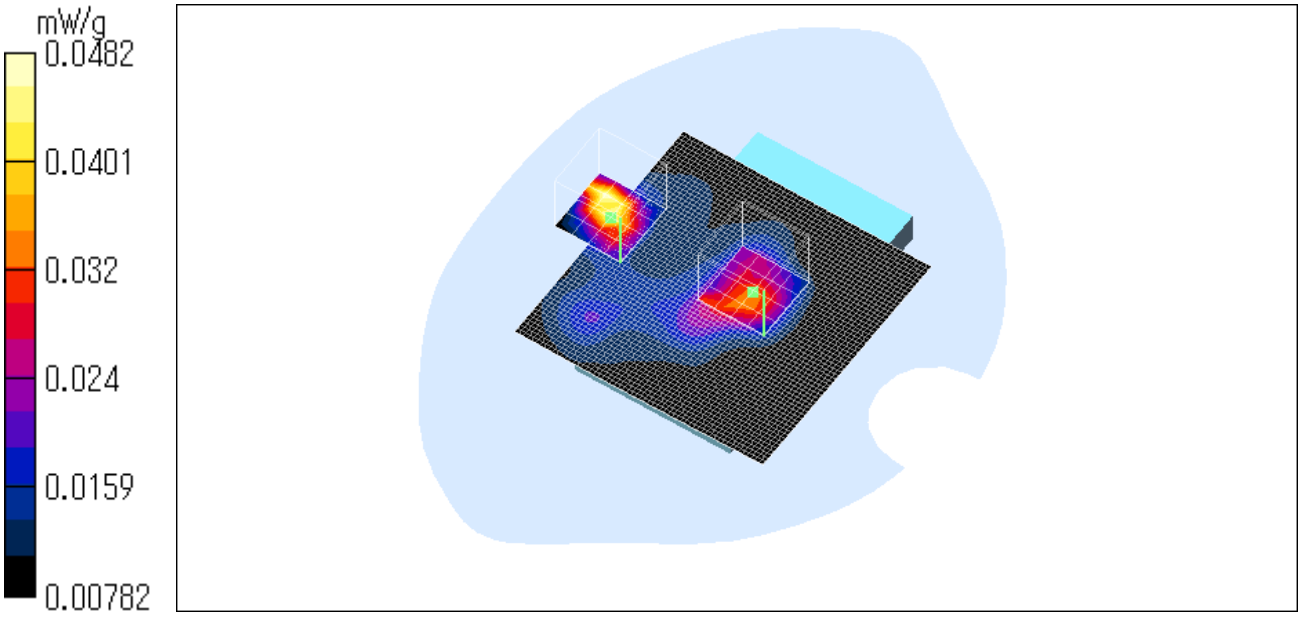
Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0392 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0784 W/kg
SAR(1 g) = 0.0355 mW/g; SAR(10 g) = 0.0207 mW/g
Maximum value of SAR = 0.0352 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.0576 mW/g; SAR(10 g) = 0.0254 mW/g
Maximum value of SAR = 0.0482 mW/g

Reference Value = 4 V/m
Power Drift = -0.03 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C, After 23.2 degree.C



3F8508 / Head / Closed Back / 11.b / 2437MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

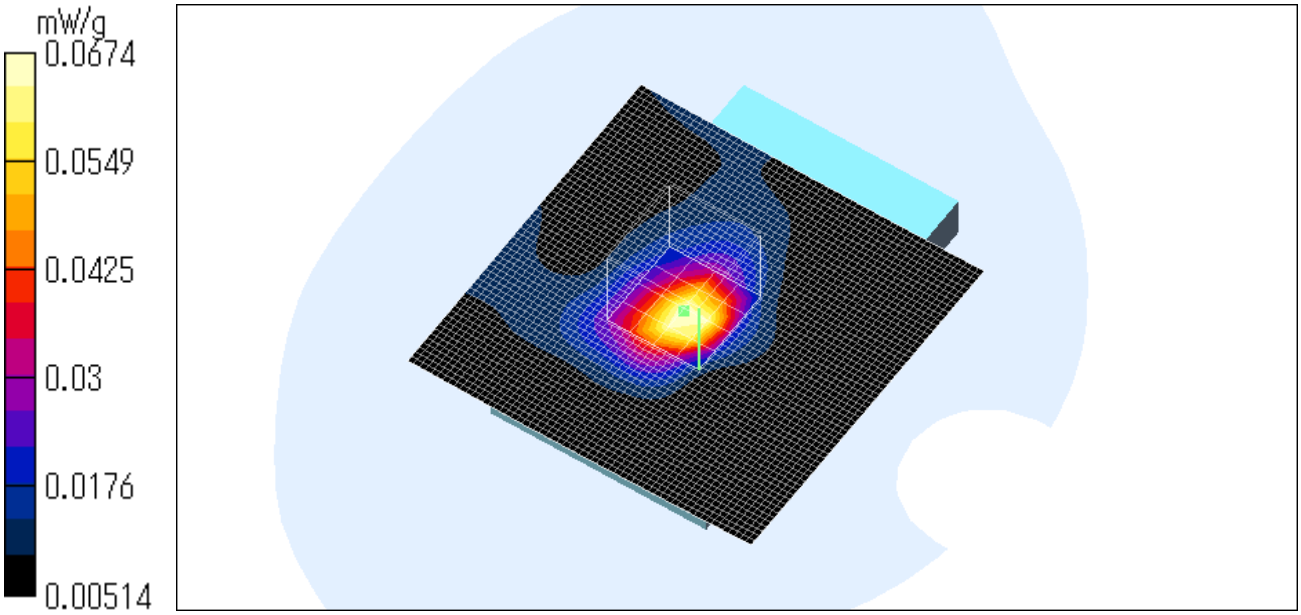
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0797 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.0684 mW/g; SAR(10 g) = 0.0335 mW/g
Maximum value of SAR = 0.0674 mW/g

Reference Value = 6.67 V/m
Power Drift = -0.4 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C, After 23.2 degree.C



3F8508 / Head / Opened Back / 11.b / 2437MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

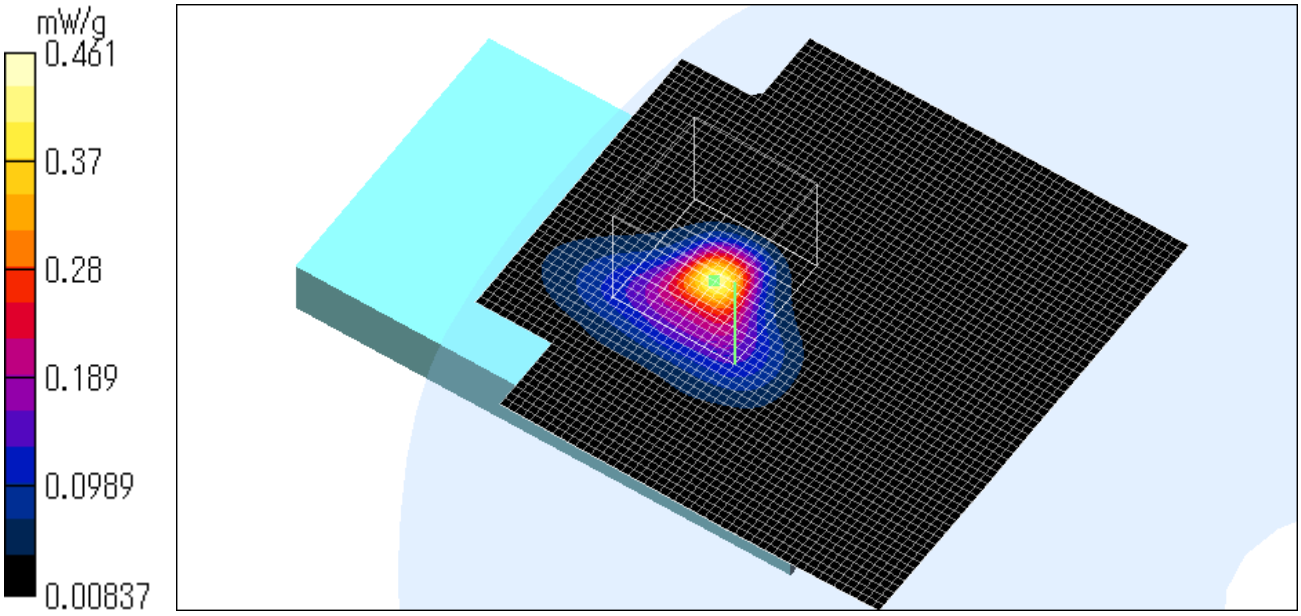
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.429 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.3 W/kg
SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR = 0.461 mW/g

Reference Value = 2.02 V/m
Power Drift = -0.06 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C, After 23.2 degree.C



3F8508 / Head / Left Side / 11.b / 2437MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

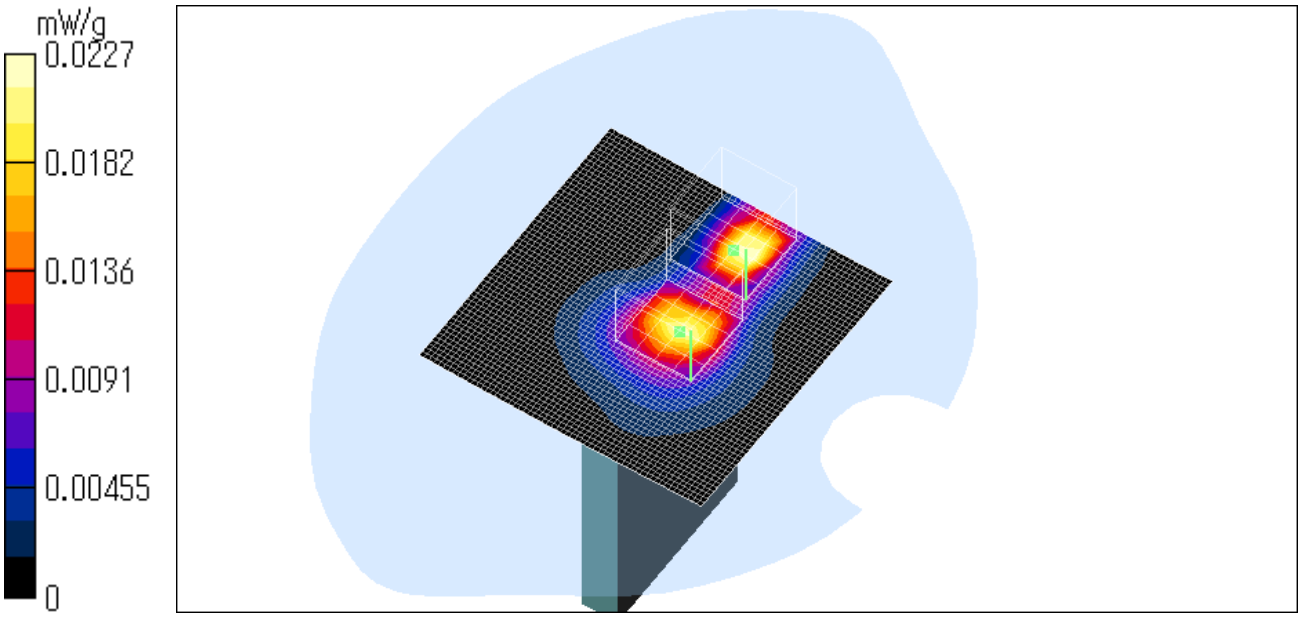
Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0228 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0389 W/kg
SAR(1 g) = 0.0202 mW/g; SAR(10 g) = 0.00993 mW/g
Maximum value of SAR = 0.0227 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0411 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00969 mW/g
Maximum value of SAR = 0.0229 mW/g

Reference Value = 3.19 V/m
Power Drift = -0.3 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.3 degree.C , After 23.3 degree.C



3F8508 / Head / Right side / 11.b / 2437MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

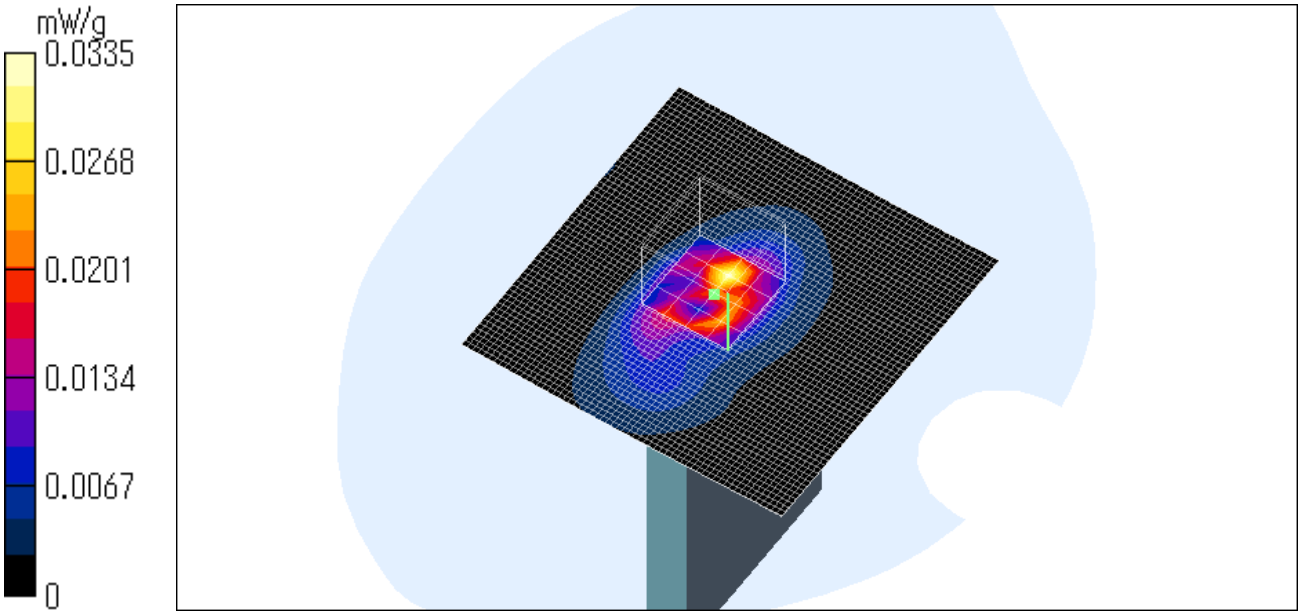
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0329 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.075 W/kg
SAR(1 g) = 0.0258 mW/g; SAR(10 g) = 0.01 mW/g
Maximum value of SAR = 0.0335 mWg

Reference Value = 4.37 V/m
Power Drift = -0.4 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C , After 23.2 degree.C



3F8508 / Head / Top / 11.b / 2437MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

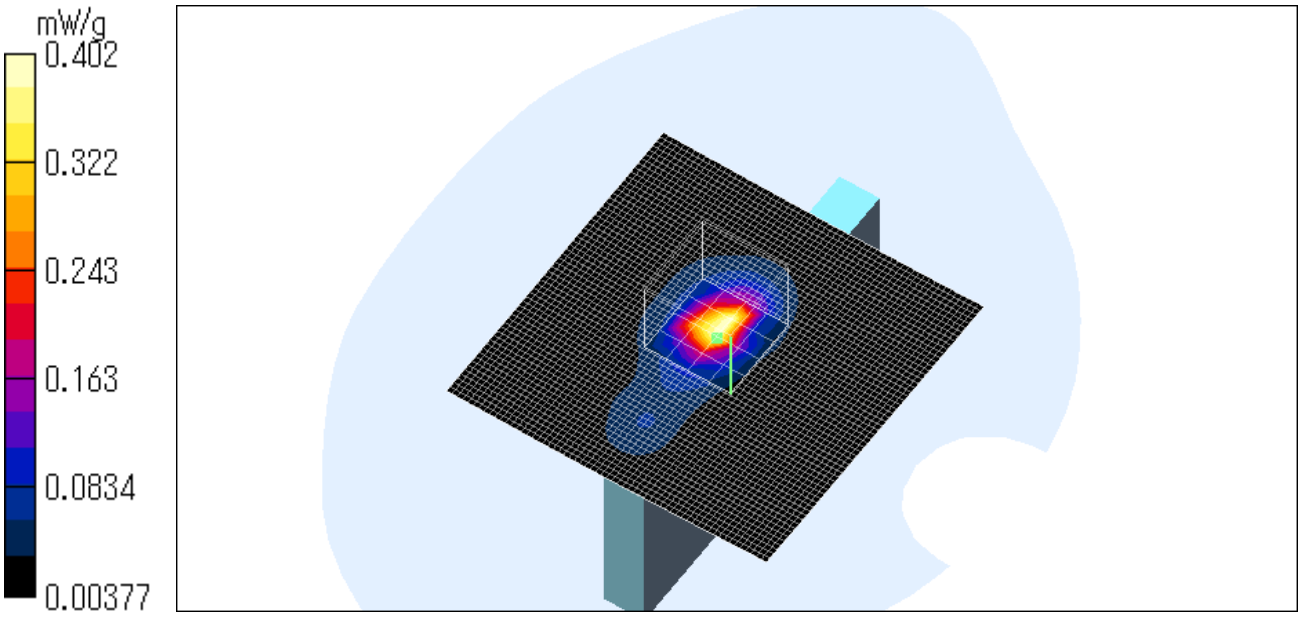
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Reference Value = 12.9 V/m
Power Drift = -0.5 dB
Maximum value of SAR = 0.301 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR = 0.402 mW/g

Reference Value = 12.9 V/m
Power Drift = -0.4 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C , After 23.2 degree.C



3F8508 / Head / Opened Back / 11.b / 2412MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

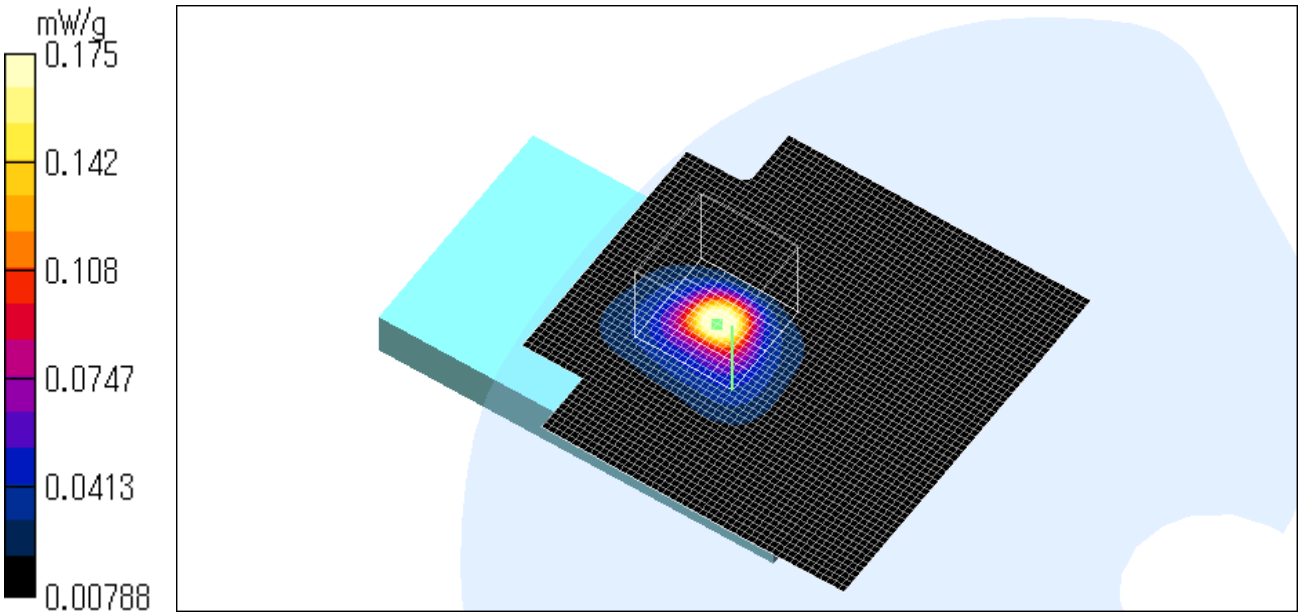
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.207 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.0727 mW/g
Maximum value of SAR = 0.175 mW/g

Reference Value = 2.12 V/m
Power Drift = -0.2 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.3 degree.C , After 23.3 degree.C



3F8508 / Head / Opened Back / 11.b / 2462MHz

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

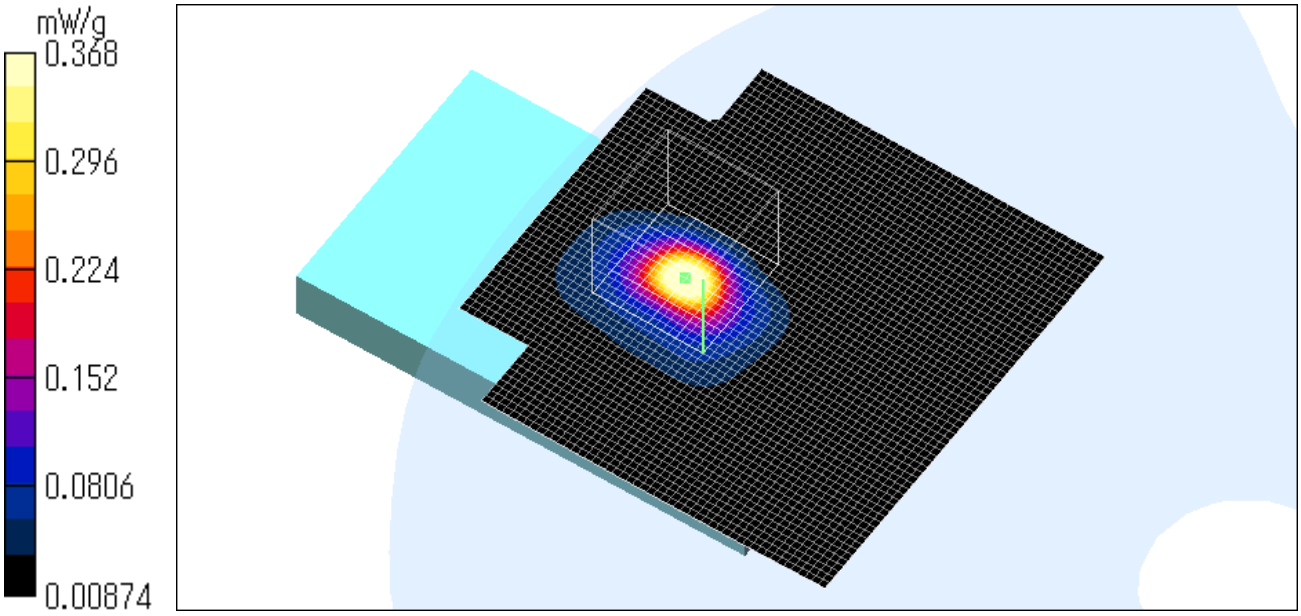
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.439 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR = 0.368 mW/g

Reference Value = 1.83 V/m
Power Drift = 0.004 dB

Test Date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.3 degree.C , After 23.3 degree.C



APPENDIX 3 : SAR Measurement data (Body)

3F8508 / Body / Front / 11.b / 2437MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

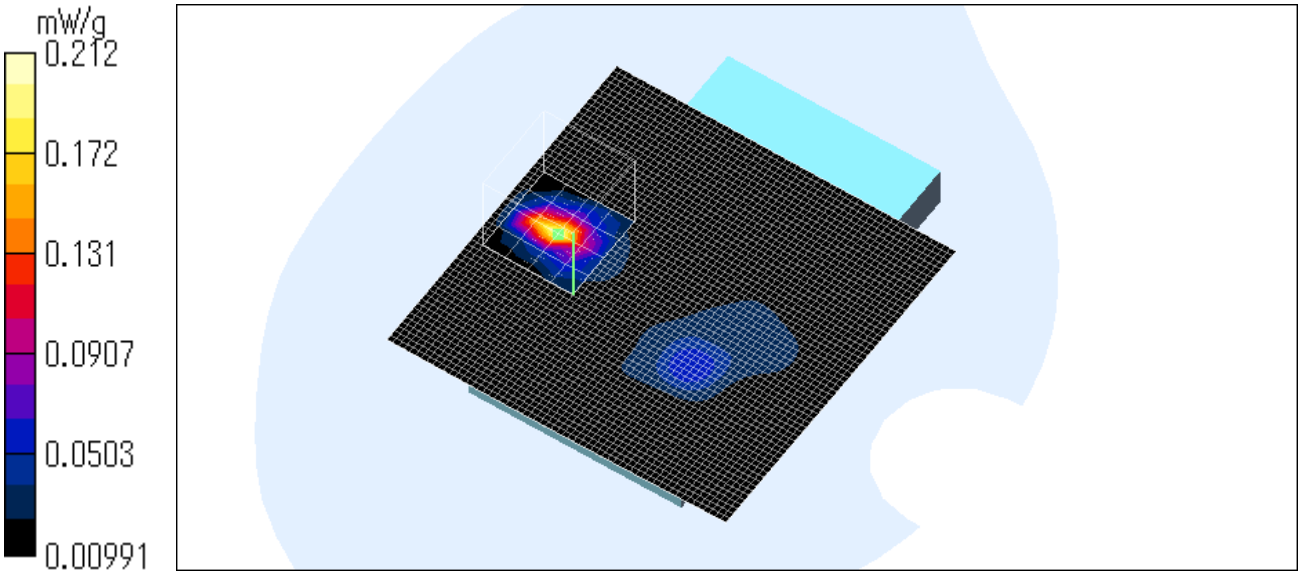
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.211 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.53 W/kg
SAR(1 g) = 0.16 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR = 0.212 mW/g

Reference Value = 3.43 V/m
Power Drift = -0.3 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



3F8508 / Body / Closed Back / 11.b / 2437MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

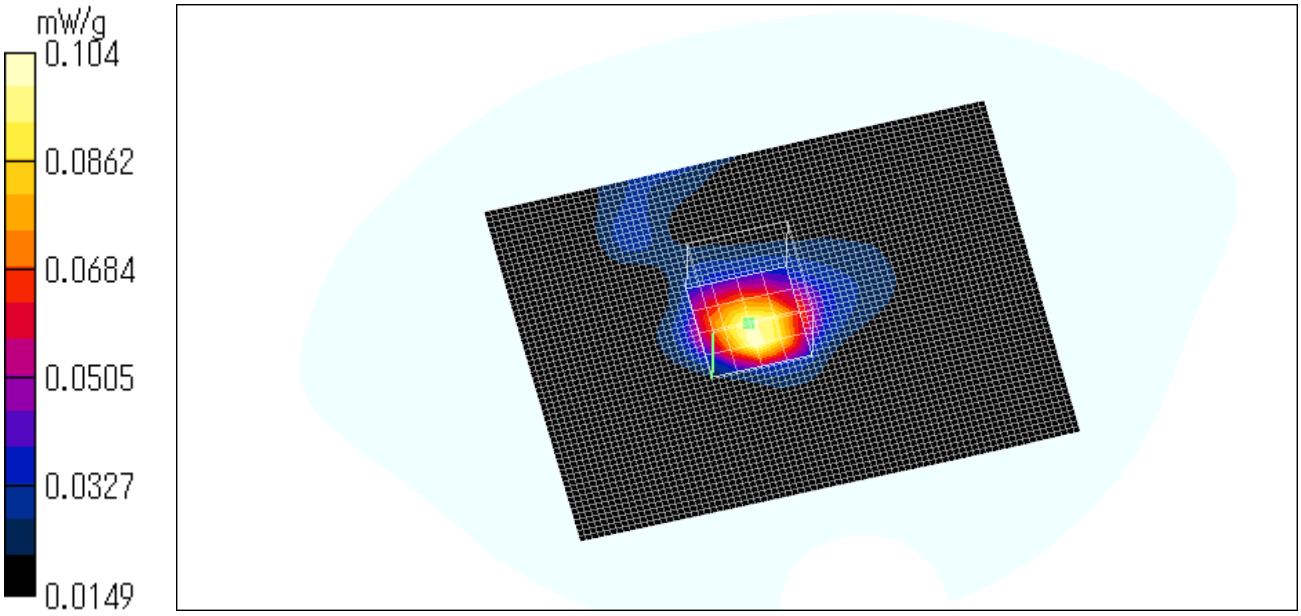
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.106 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR = 0.104 mW/g

Reference Value = 7.23 V/m
Power Drift = -0.3 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



3F8508 / Body / Opened Back / 11.b / 2437MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

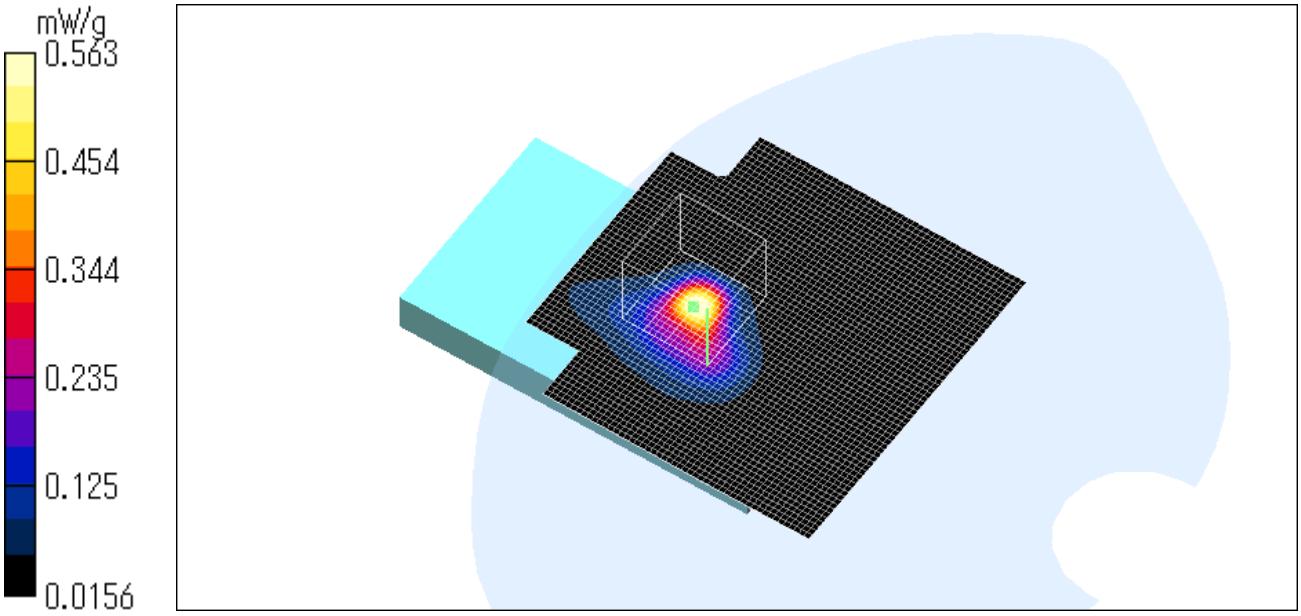
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.625 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.56 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR = 0.563 mW/g

Reference Value = 2.56 V/m
Power Drift = -0.1 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



3F8508 / Body / Left Side / 11.b / 2437MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

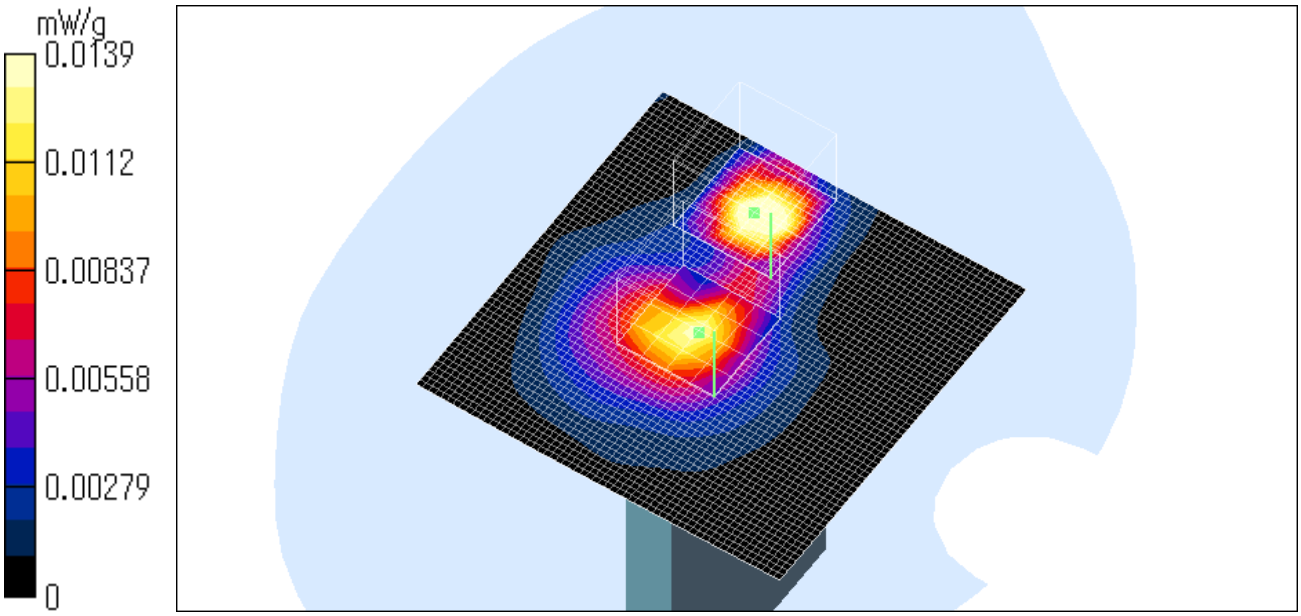
Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0174 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0285 W/kg
SAR(1 g) = 0.0161 mW/g; SAR(10 g) = 0.00705 mW/g
Maximum value of SAR = 0.0184 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0296 W/kg
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0064 mW/g
Maximum value of SAR = 0.0139 mW/g

Reference Value = 2.6 V/m
Power Drift = -0.4 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



3F8508 / Body / Right side / 11.b / 2437MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

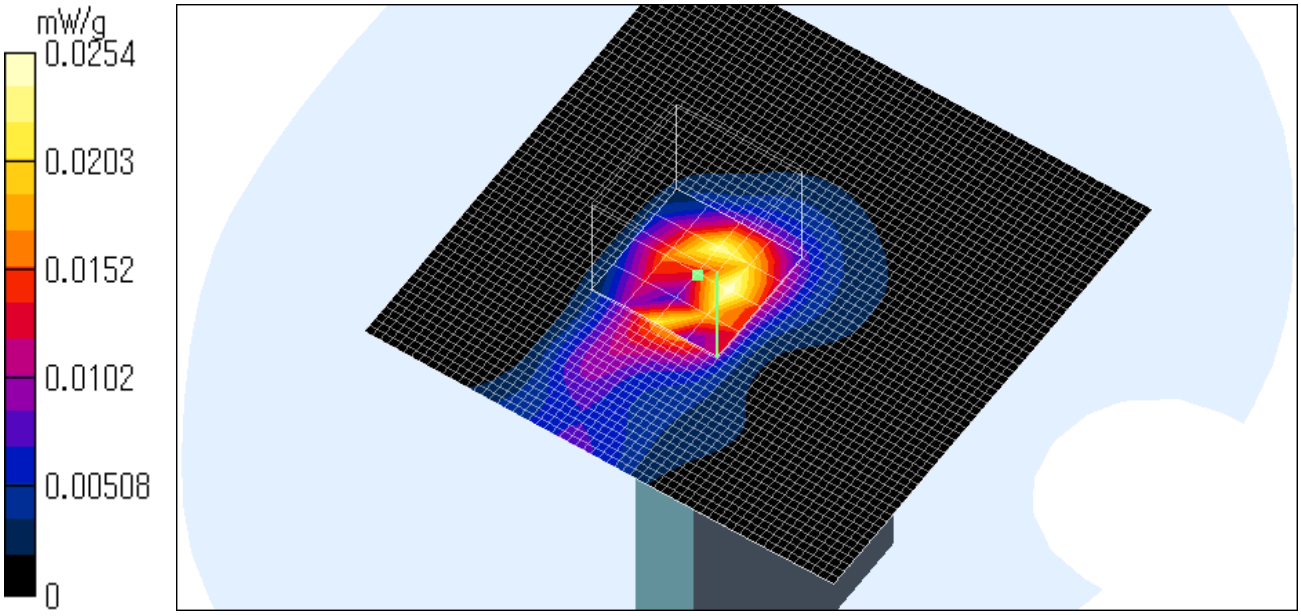
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0287 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0579 W/kg
SAR(1 g) = 0.0218 mW/g; SAR(10 g) = 0.00939 mW/g
Maximum value of SAR = 0.0254 mW/g

Reference Value = 3 V/m
Power Drift = -0.1 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



3F8508 / Body / Top / 11.b / 2437MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

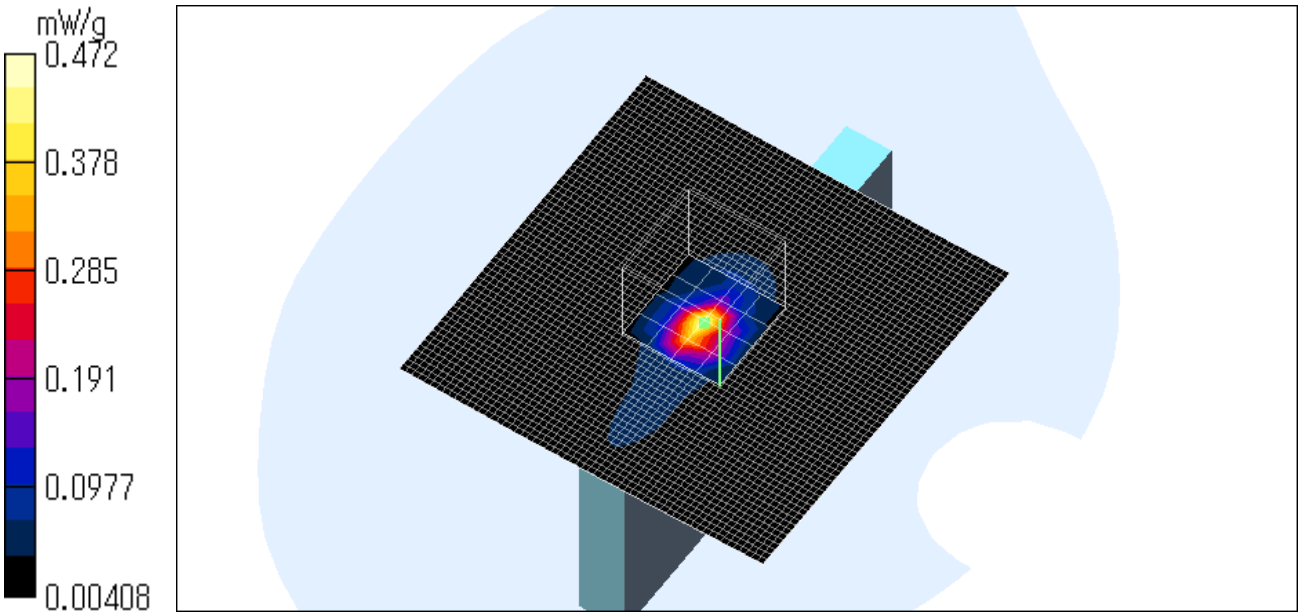
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.52 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.12 mW/g
Maximum value of SAR = 0.472 mW/g

Reference Value = 17.9 V/m
Power Drift = -0.1 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.0 degree.C , After 24.0 degree.C



3F8508 / Body / Opened Back / 11.b / 2412MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

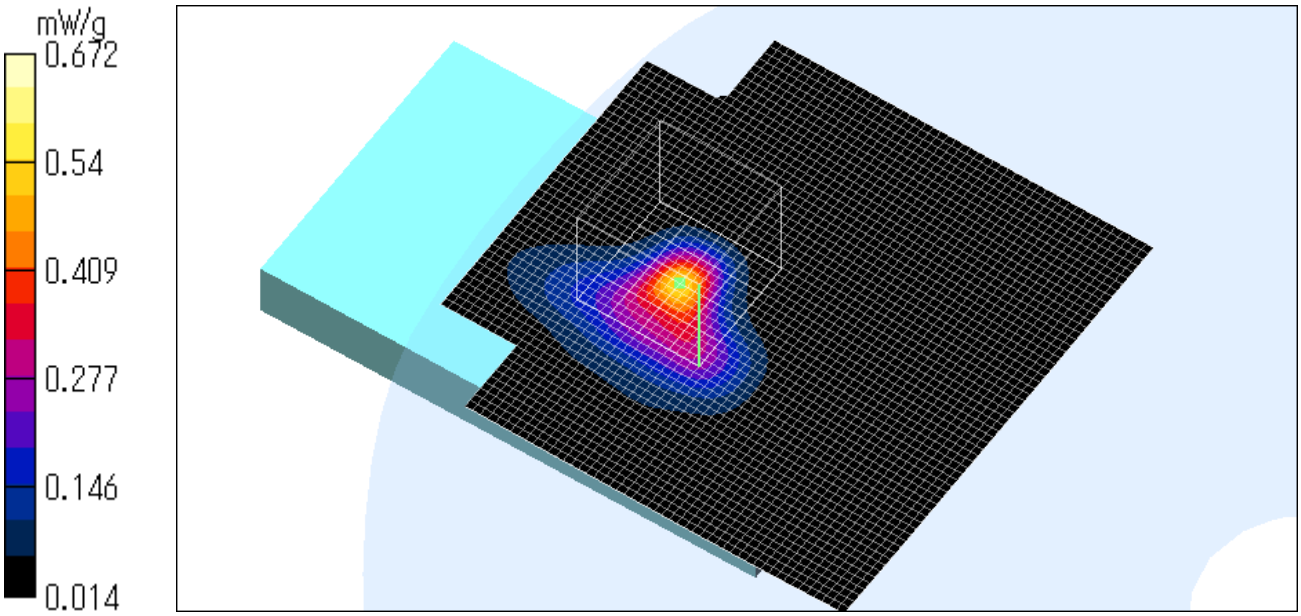
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.553 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR = 0.672 mW/g

Reference Value = 2.74 V/m
Power Drift = -0.4 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.1 degree.C , After 24.2 degree.C

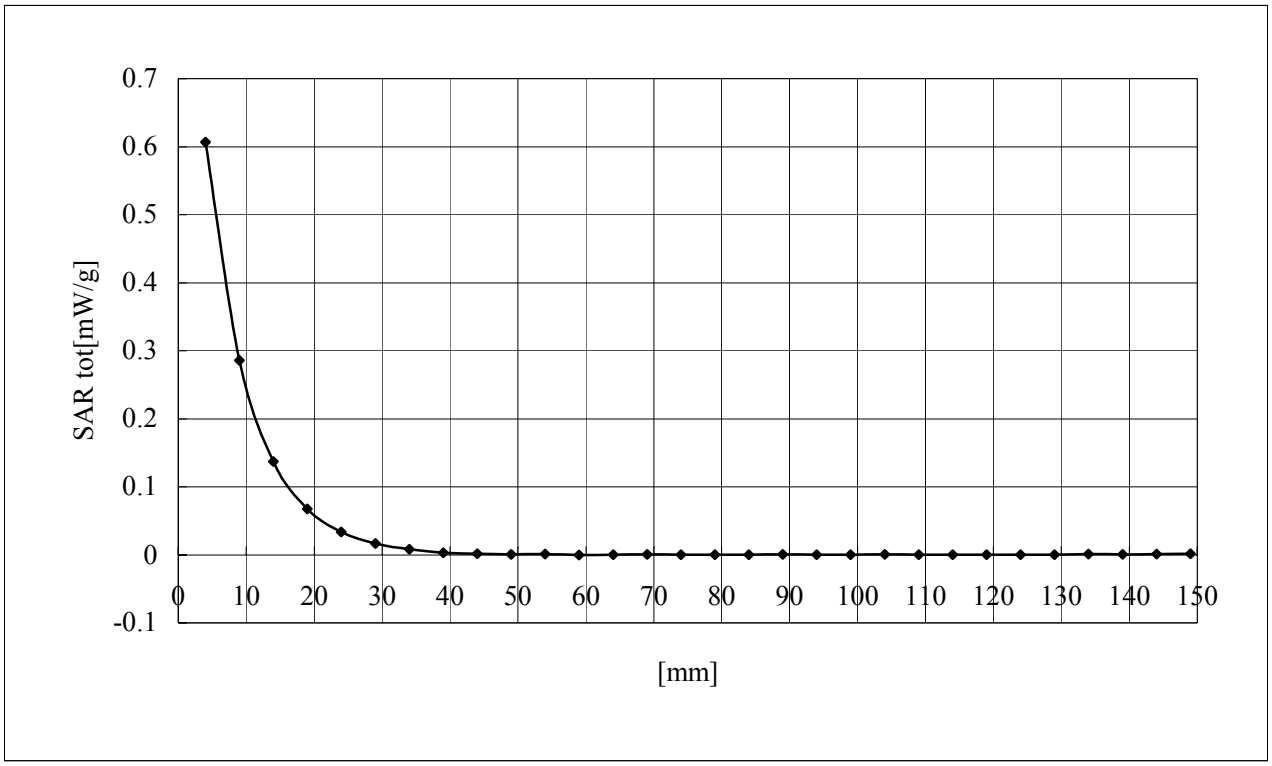


Z-axis at maximaum SAR location

3F8508 / Body / Opened Back / 11.b / 2412MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115



3F8508 / Body / Opened Back / 11.b / 2462MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

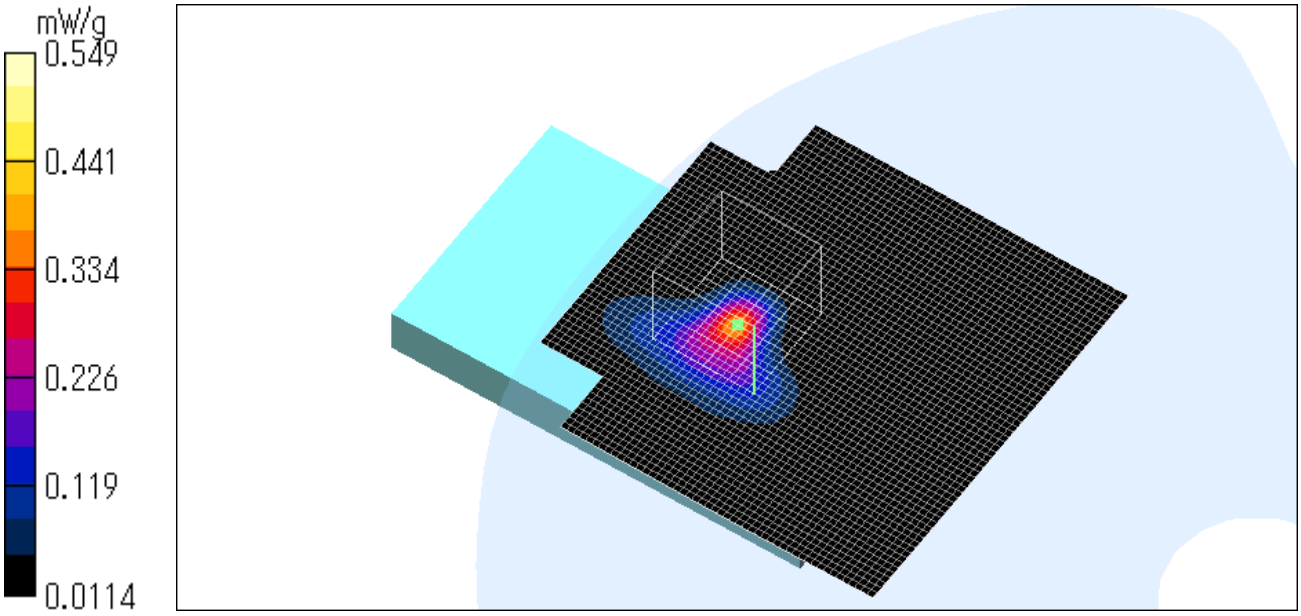
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.383 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.19 mW/g
Maximum value of SAR = 0.549 mW/g

Reference Value = 2.45 V/m
Power Drift = -0.2 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.2 degree.C , After 24.2 degree.C



3F8508 / Body / Opened Back 5mm / 11.b / 2412MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

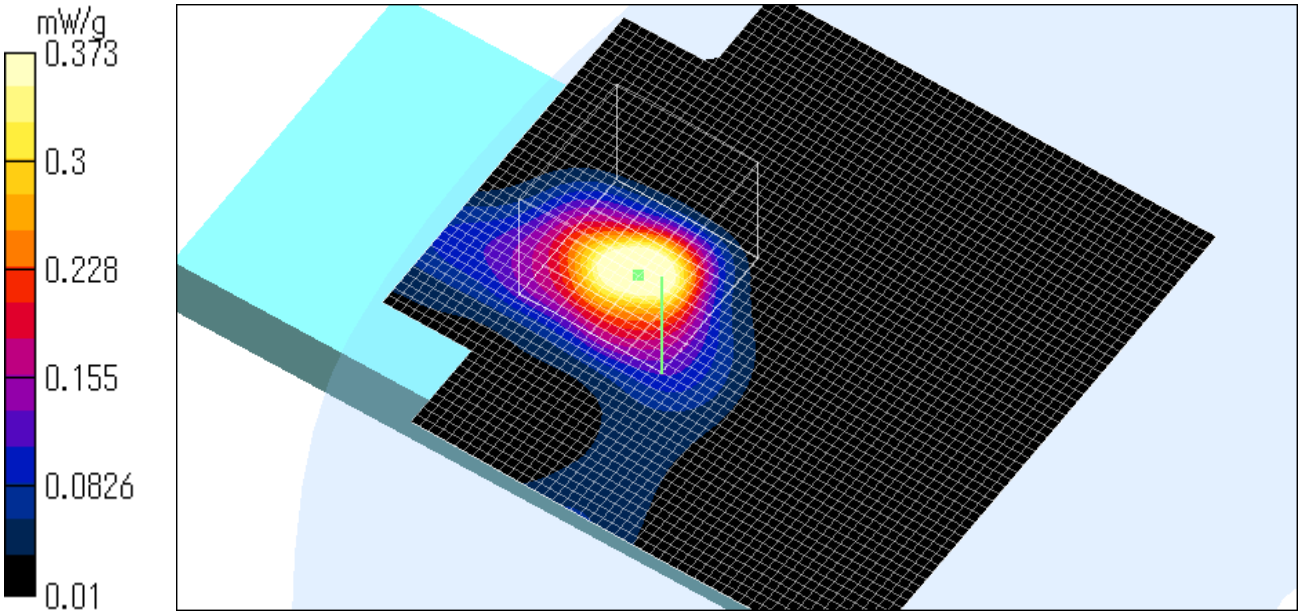
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.478 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.177 mW/g
Maximum value of SAR = 0.373 mW/g

Reference Value = 1.62 V/m
Power Drift = -0.4 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.2 degree.C , After 24.2 degree.C



3F8508 / Body / Opened Back 10mm / 11.b / 2412MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

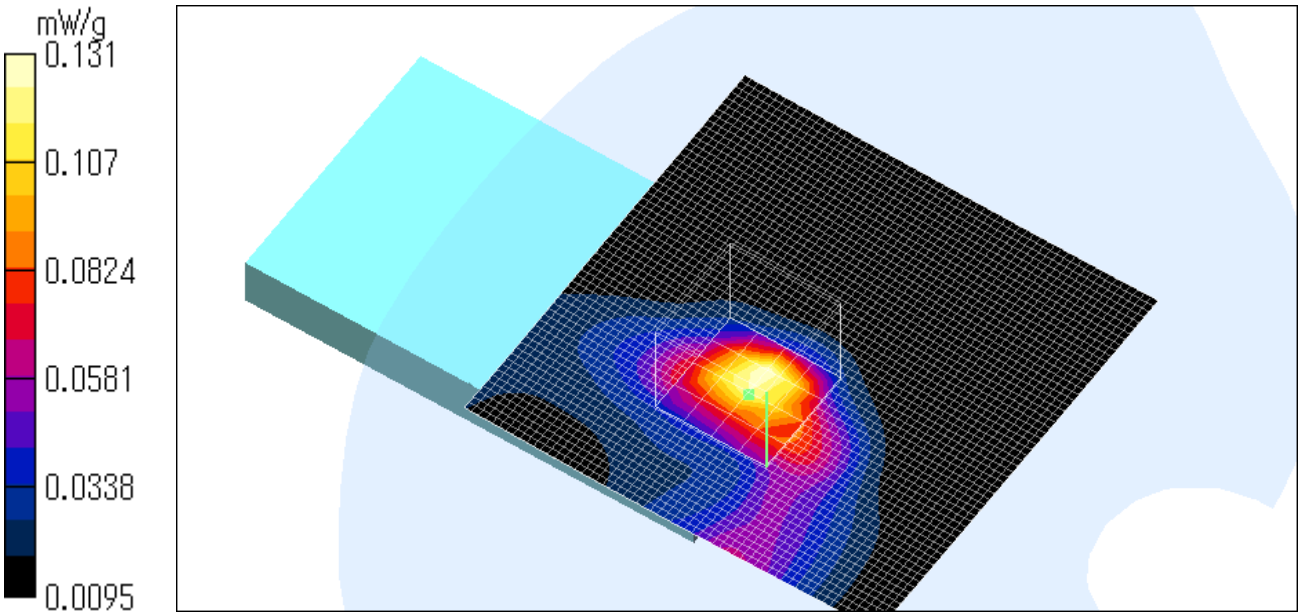
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.107 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.0655 mW/g
Maximum value of SAR = 0.131 mW/g

Reference Value = 3.4 V/m
Power Drift = 0.002 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.2 degree.C , After 24.2 degree.C



3F8508 / Body / Opened Back 15mm / 11.b / 2412MHz

Crest factor: 1
Medium: M2450 (σ = 1.97 mho/m, ε_r = 50.1, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.14, 4.14, 4.14); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

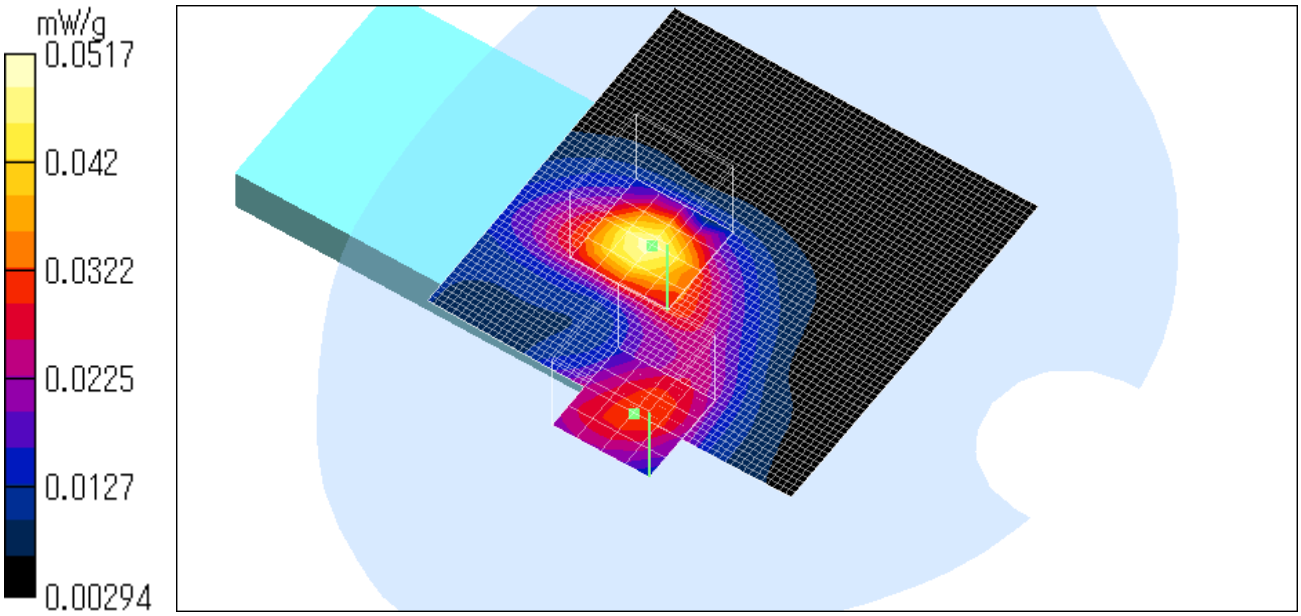
Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 0.0482 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.0498 mW/g; SAR(10 g) = 0.0276 mW/g
Maximum value of SAR = 0.0517 mW/g

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 0.0579 W/kg
SAR(1 g) = 0.0314 mW/g; SAR(10 g) = 0.0195 mW/g
Maximum value of SAR = 0.0323 mW/g

Reference Value = 2.62 V/m
Power Drift = -0.4 dB

Test Date = 02/08/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 24.2 degree.C , After 24.2 degree.C



APPENDIX 4 : Validation Measurement data

System Validation / Dipole 2450 MHz / Forward Conducted Power : 250mW

Crest factor: 1
Medium: HSL2450 (σ = 1.89 mho/m, ε_r = 39.4, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DUT: Dipole 2450 MHz;
- Type: D2450V2; Serial: SN:713

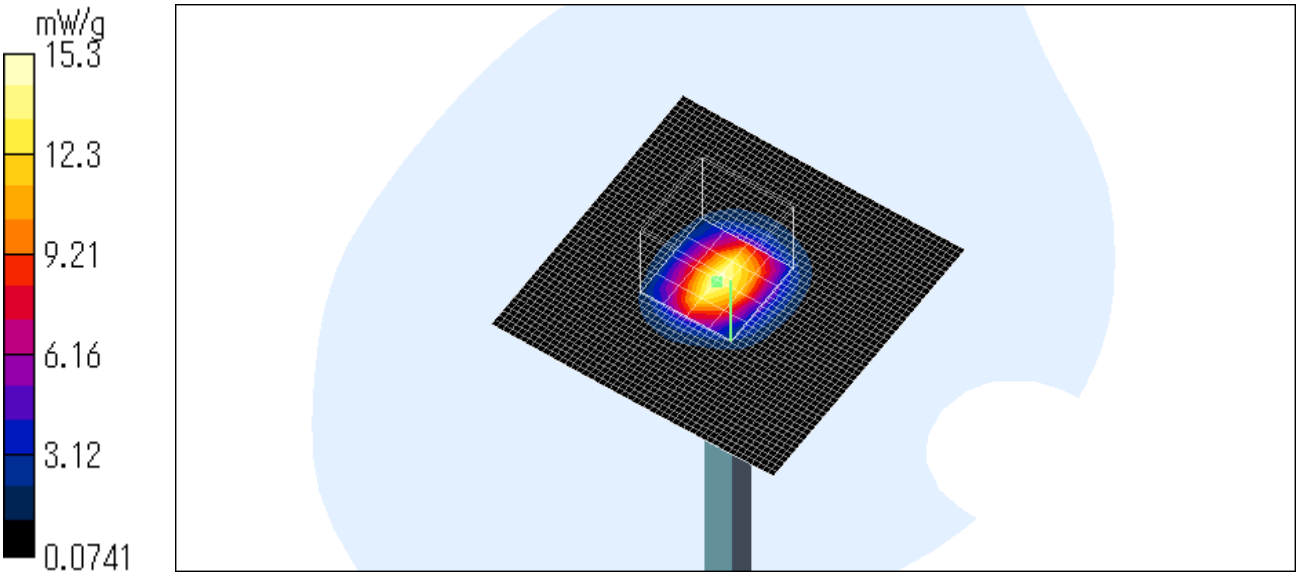
DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 16.9 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 14 mW/g; SAR(10 g) = 6.39 mW/g
Maximum value of SAR = 15.3 mW/g

Reference Value = 94.4 V/m
Power Drift = 0.01 dB

Test date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C , After 23.2 degree.C



System Validation / Dipole 2450 MHz / Forward Conducted Power : 250mW

Crest factor: 1
Medium: HSL2450 (σ = 1.86 mho/m, ε_r = 37.7, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DUT: Dipole 2450 MHz;
- Type: D2450V2; Serial: SN:713

DASY4 Configuration:
- Probe: ET3DV6 - SN1684; ConvF(4.39, 4.39, 4.39); Calibrated: 2004/09/02
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Phantom: SAM 1196
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR = 16.6 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 14 mW/g; SAR(10 g) = 6.36 mW/g
Maximum value of SAR = 15.3 mW/g

Reference Value = 95.1 V/m
Power Drift = -0.007 dB

Test date = 02/02/05
Ambient Temperature = 25.0degree.c
Liquid Temperature = Before 23.2 degree.C , After 23.2 degree.C