Appendix B. Plots of SAR Measurement

The plots are shown as follows.

01 GSM850_Right Cheek_Ch251

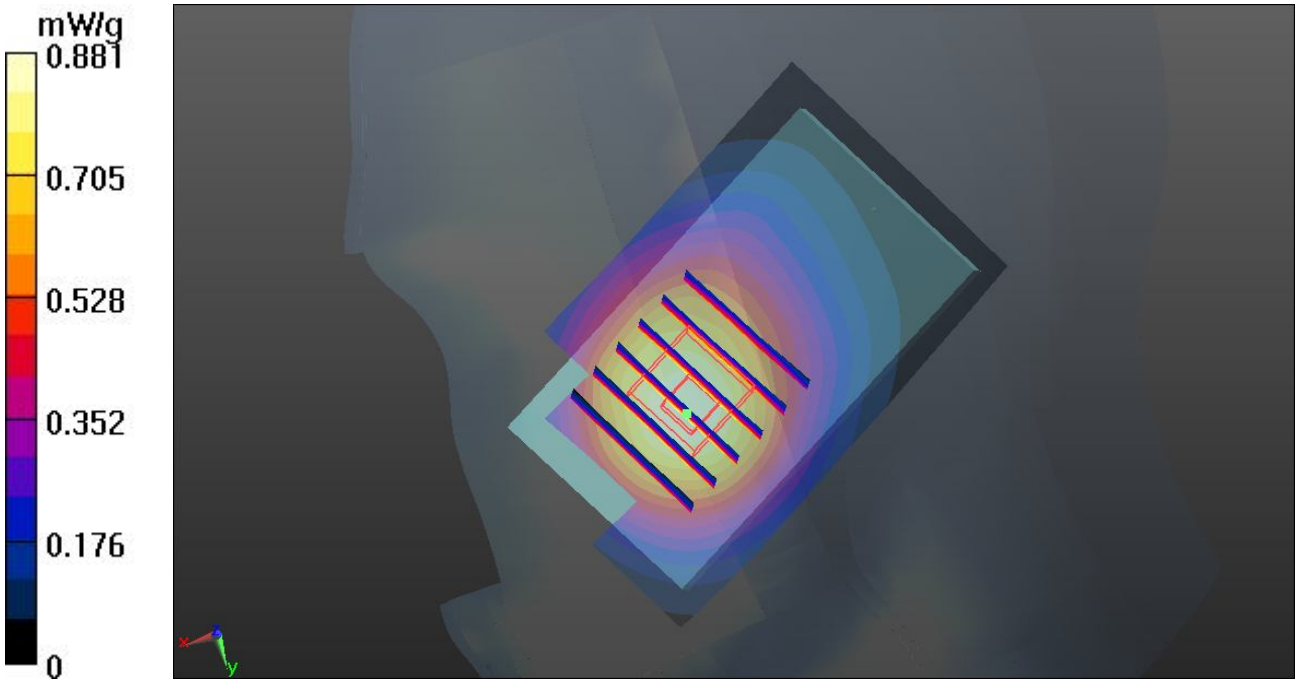
DUT: 231606

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.915 mho/m; ε_r = 41.36; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Ch251/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.929 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.0920
SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 0.847 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

02 GSM850_Right Tilted_Ch251

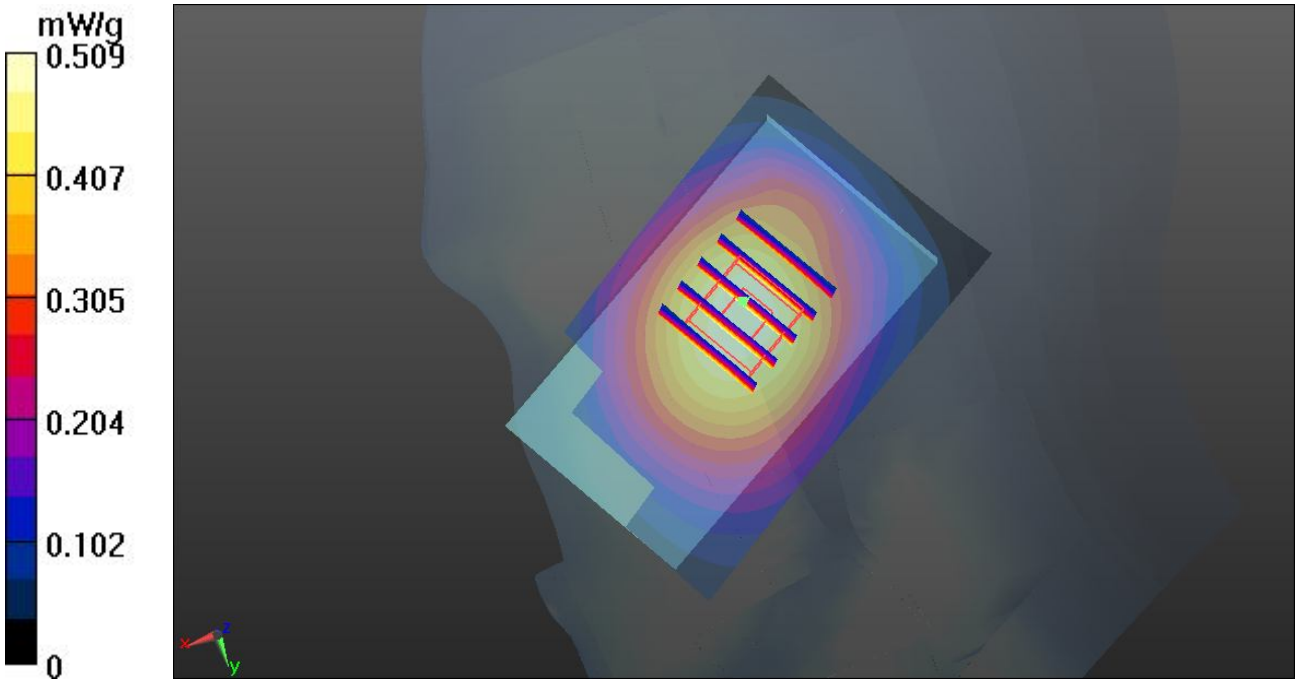
DUT: 231606

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.915 mho/m; ε_r = 41.36; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.509 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.472 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.6180
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 0.513 mW/g



03 GSM850_Left Cheek_Ch251

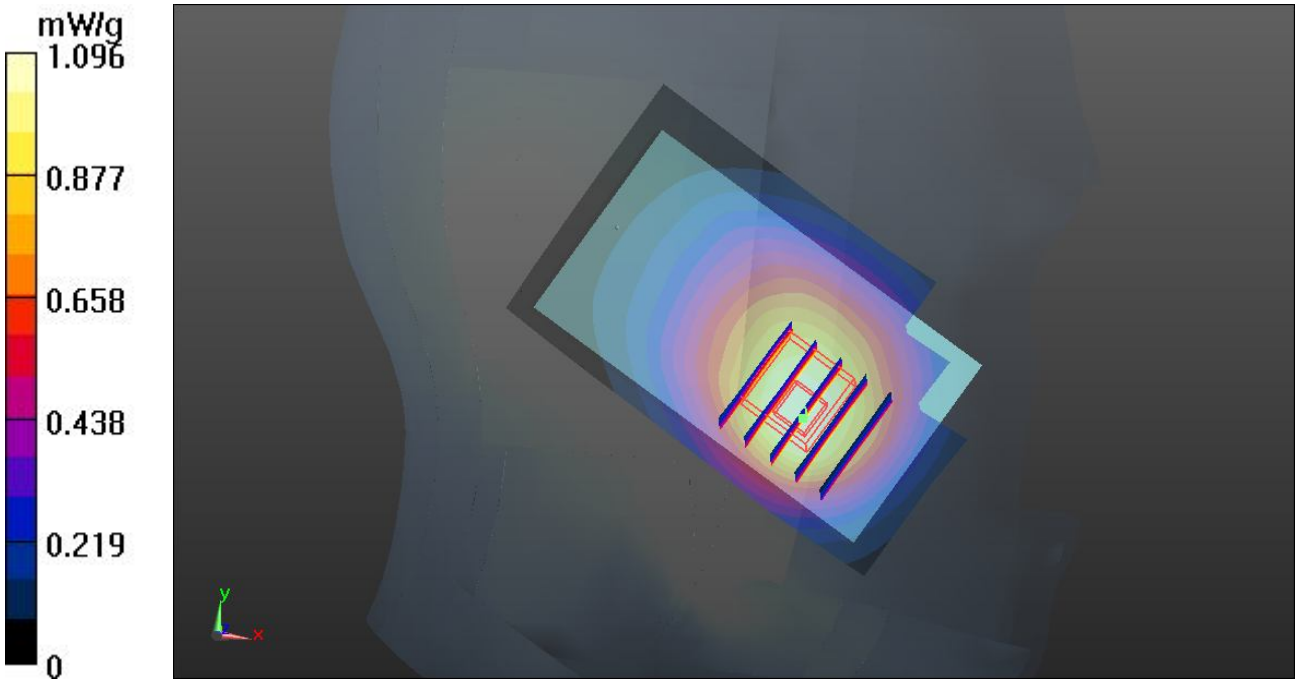
DUT: 231606

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.915 mho/m; ε_r = 41.36; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.096 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.271 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.3540
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (measured) = 1.075 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

03 GSM850_Left Cheek_Ch251_2D

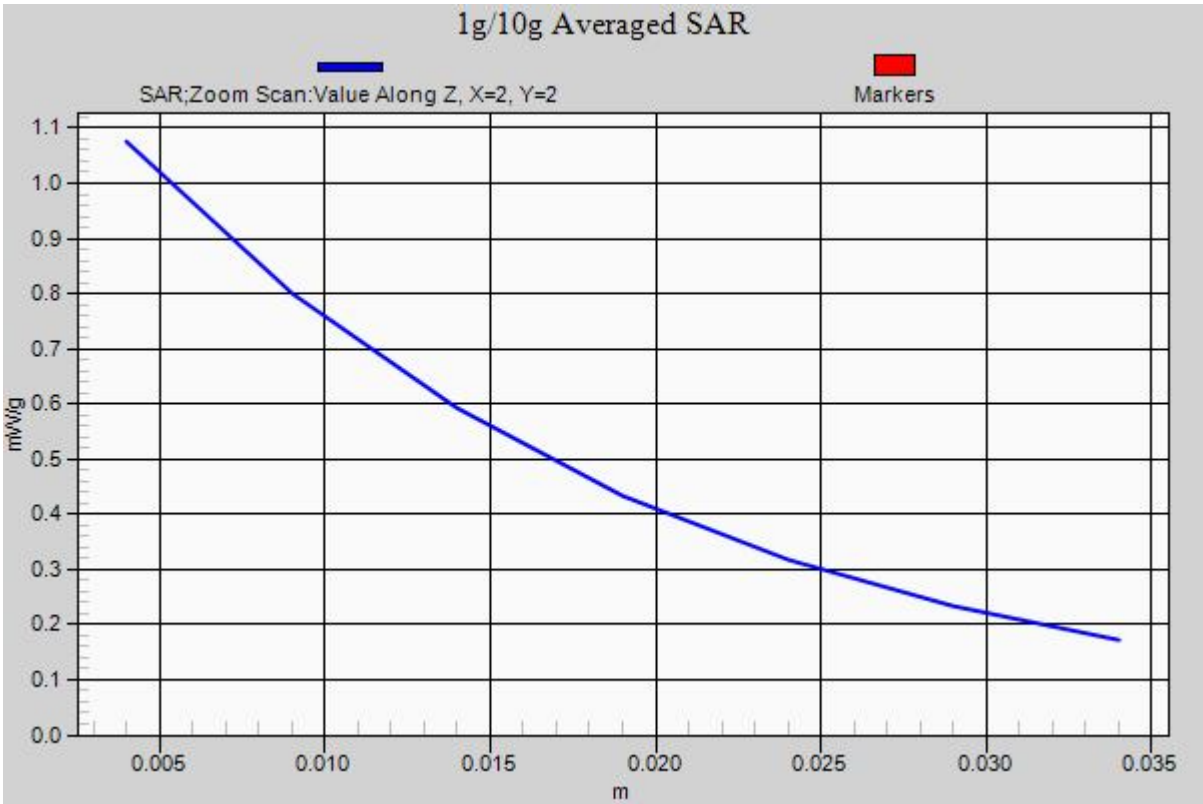
DUT: 231606

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.915 mho/m; ε_r = 41.36; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.096 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.271 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.3540
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.730 mW/g
Maximum value of SAR (measured) = 1.075 mW/g



04 GSM850_Left Tilted_Ch251

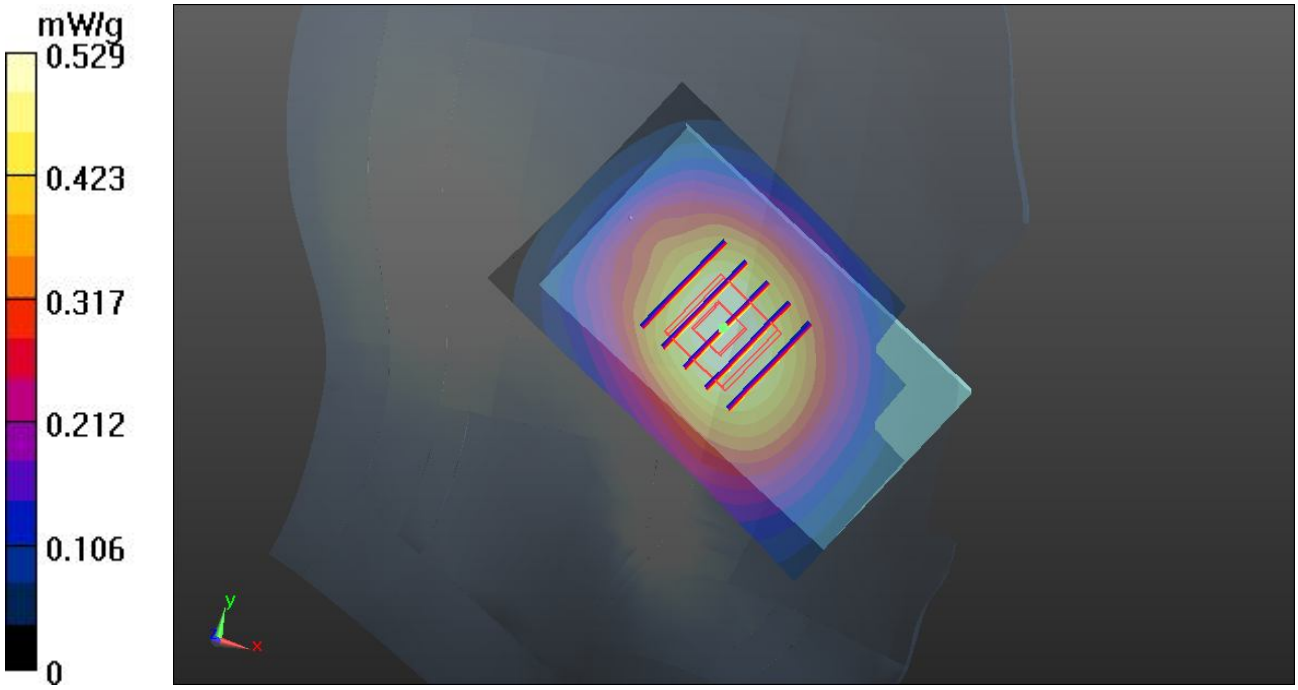
DUT: 231606

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.915 mho/m; ε_r = 41.36; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.529 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.660 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.6470
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.532 mW/g



05 GSM850_Right Cheek_Ch128

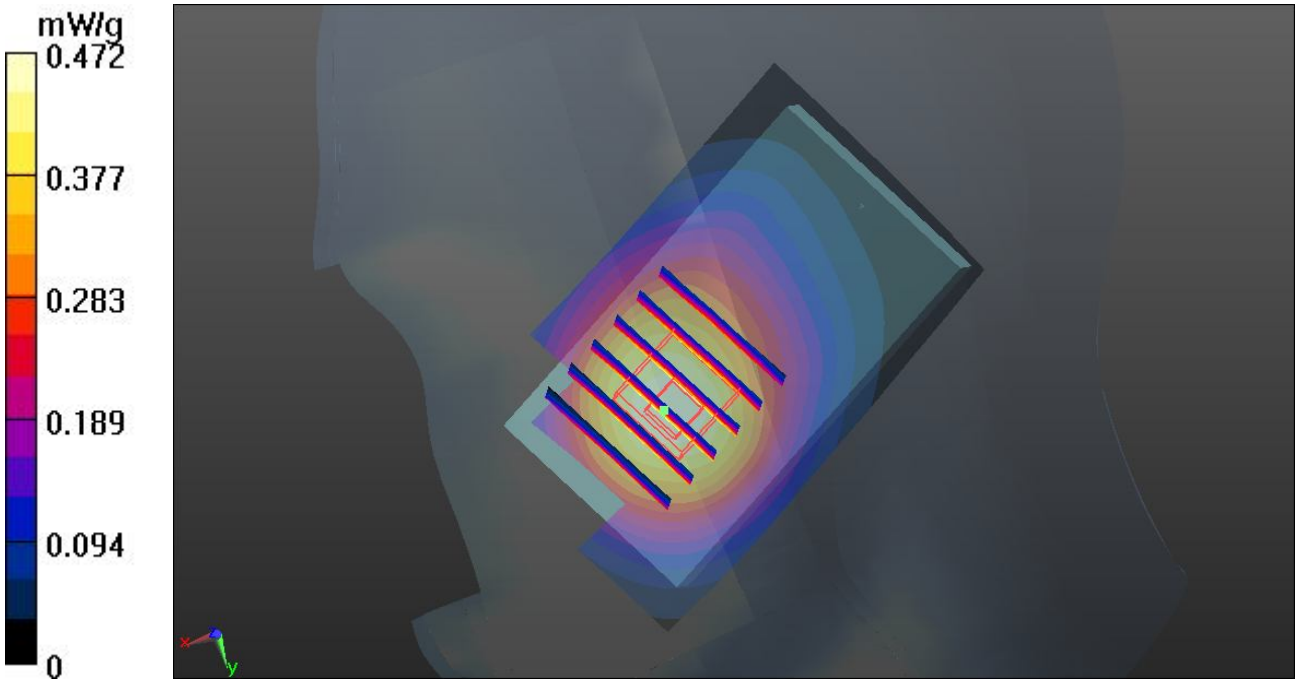
DUT: 231606

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 824.2 MHz; σ = 0.889 mho/m; ε_r = 41.681; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.472 mW/g

Ch128/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.107 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.5990
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.462 mW/g



06 GSM850_Right Cheek_Ch189

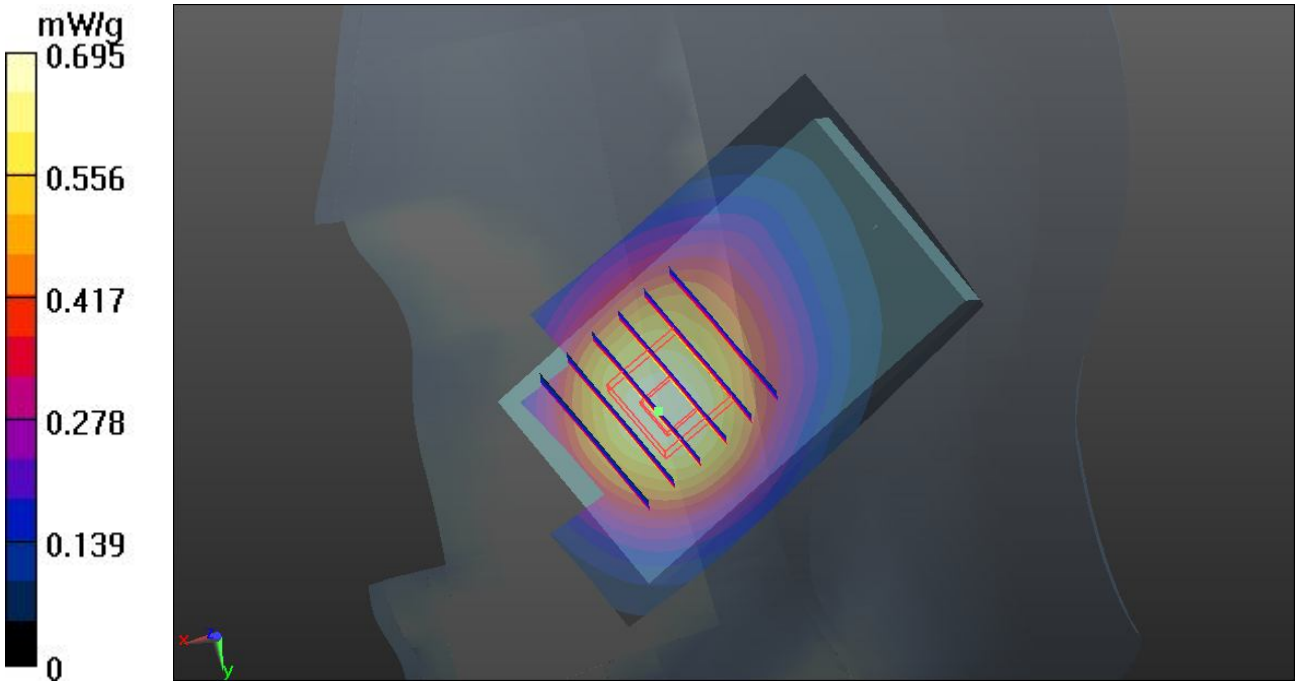
DUT: 231606

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.695 mW/g

Ch189/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.343 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.8790
SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.679 mW/g



07 GSM850_Left Cheek_Ch128

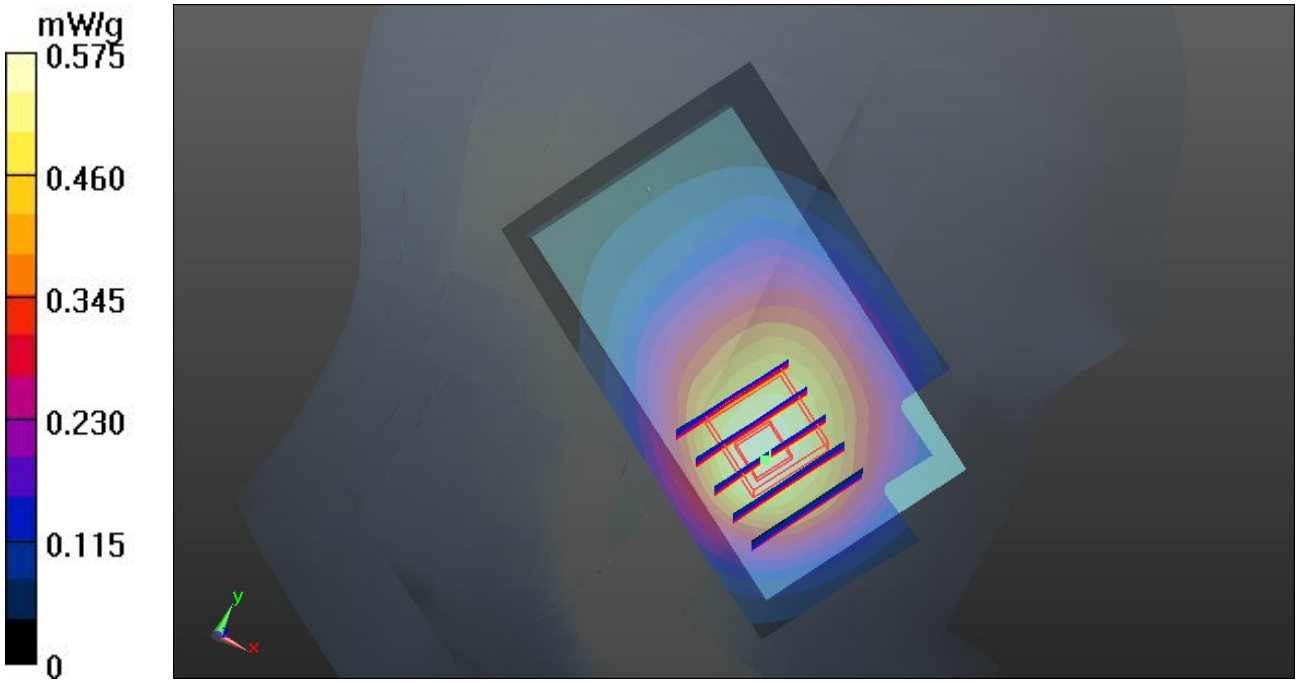
DUT: 231606

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 824.2 MHz; σ = 0.889 mho/m; ε_r = 41.681; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.575 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.658 V/m; Power Drift = 0.0057 dB
Peak SAR (extrapolated) = 0.7170
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.559 mW/g



08 GSM850_Left Cheek_Ch189

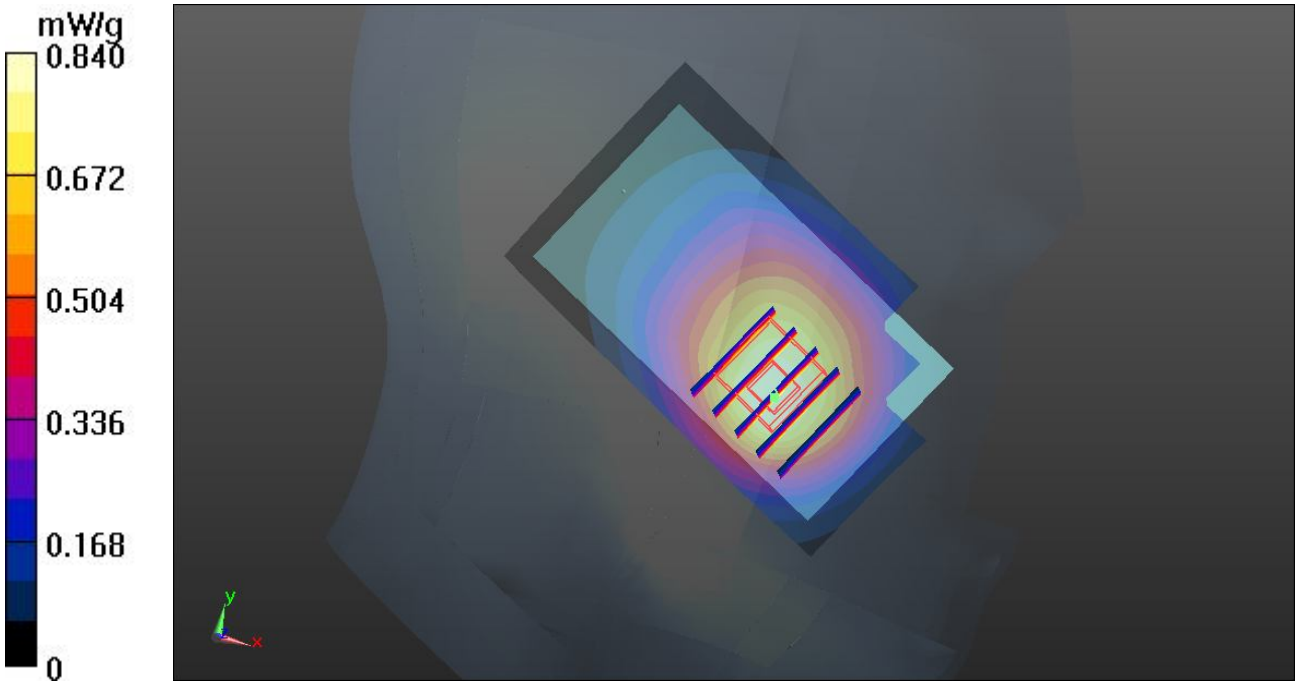
DUT: 231606

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.199 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.0490
SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.559 mW/g
Maximum value of SAR (measured) = 0.820 mW/g



23 GSM1900_Right Cheek_Ch512

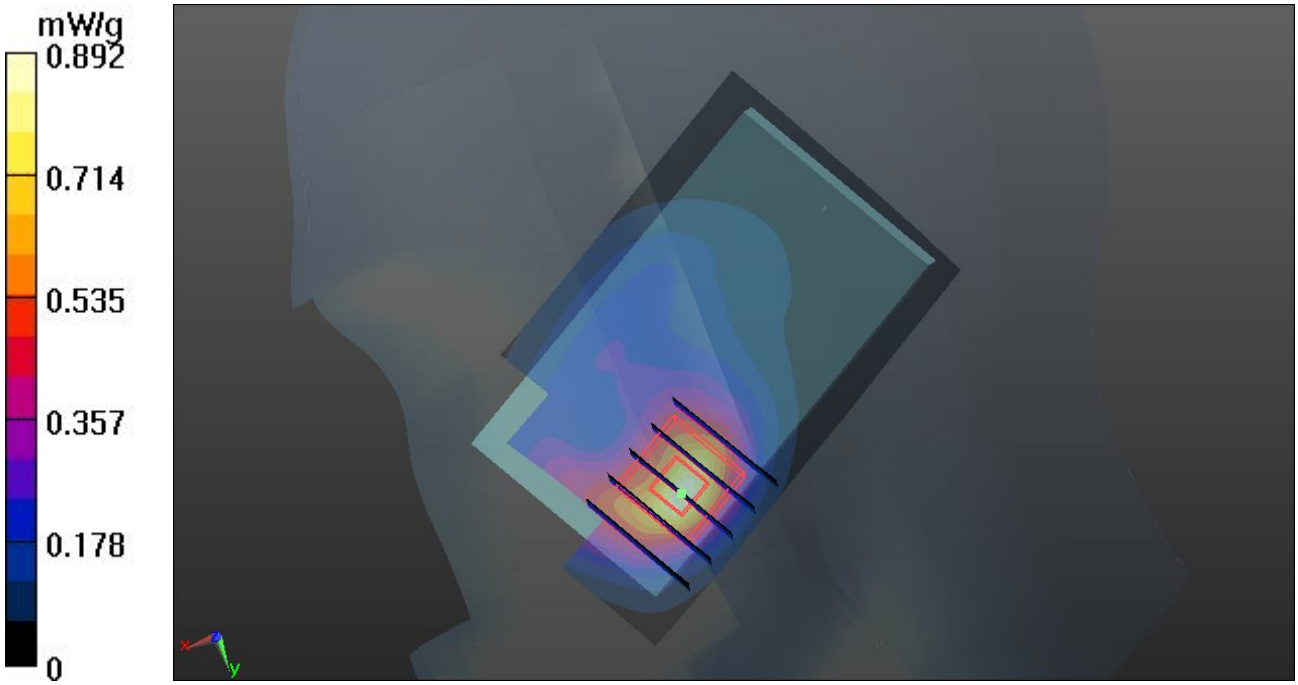
DUT: 231606

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.365 mho/m; ε_r = 41.266; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.892 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.825 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.6260
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.937 mW/g



23 GSM1900_Right Cheek_Ch512_2D

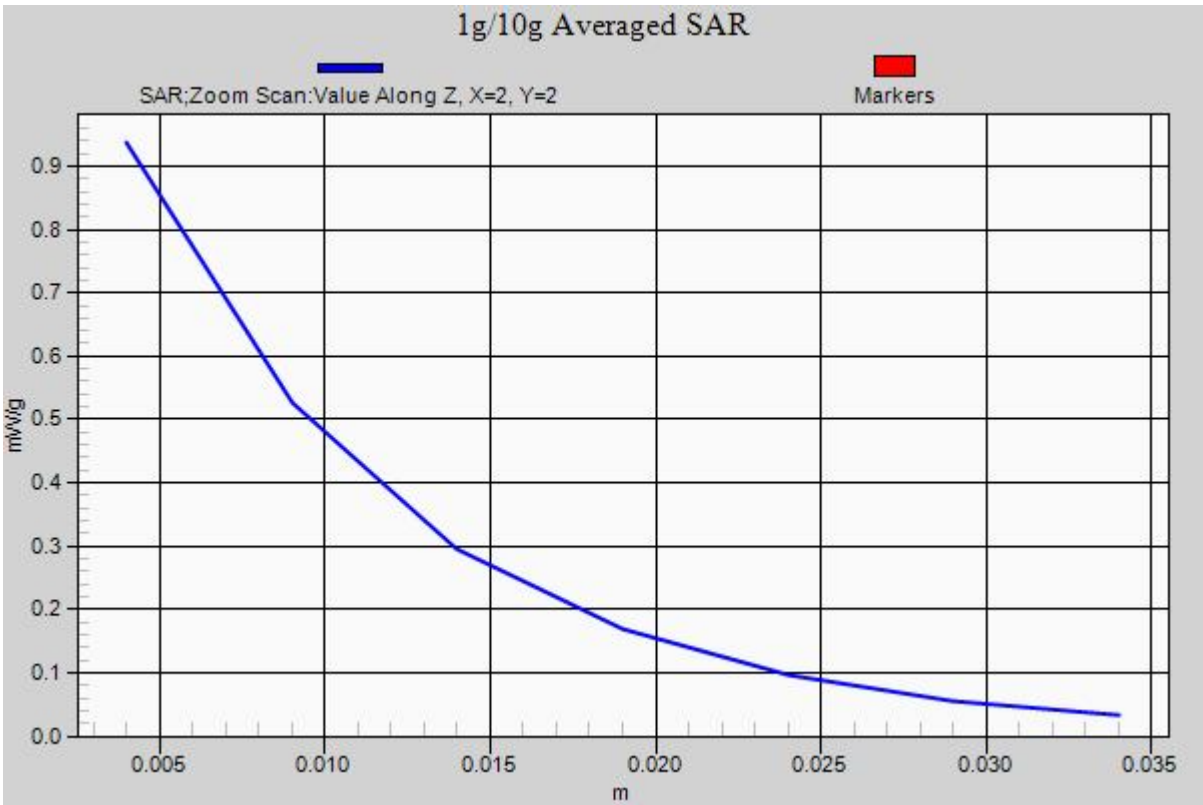
DUT: 231606

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.365 mho/m; ε_r = 41.266; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.892 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.825 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.6260
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.937 mW/g



24 GSM1900_Right Tilted_Ch512

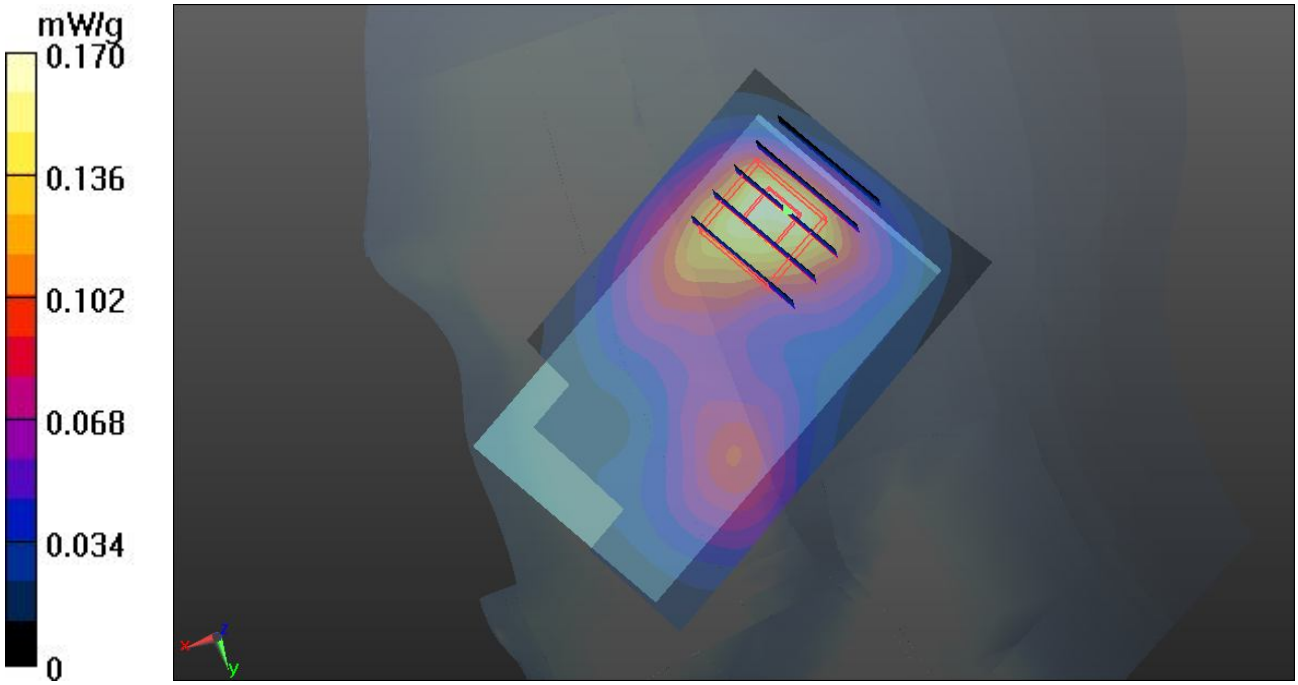
DUT: 231606

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.365 mho/m; ε_r = 41.266; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.170 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.897 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.2310
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



25 GSM1900_Left Cheek_Ch512

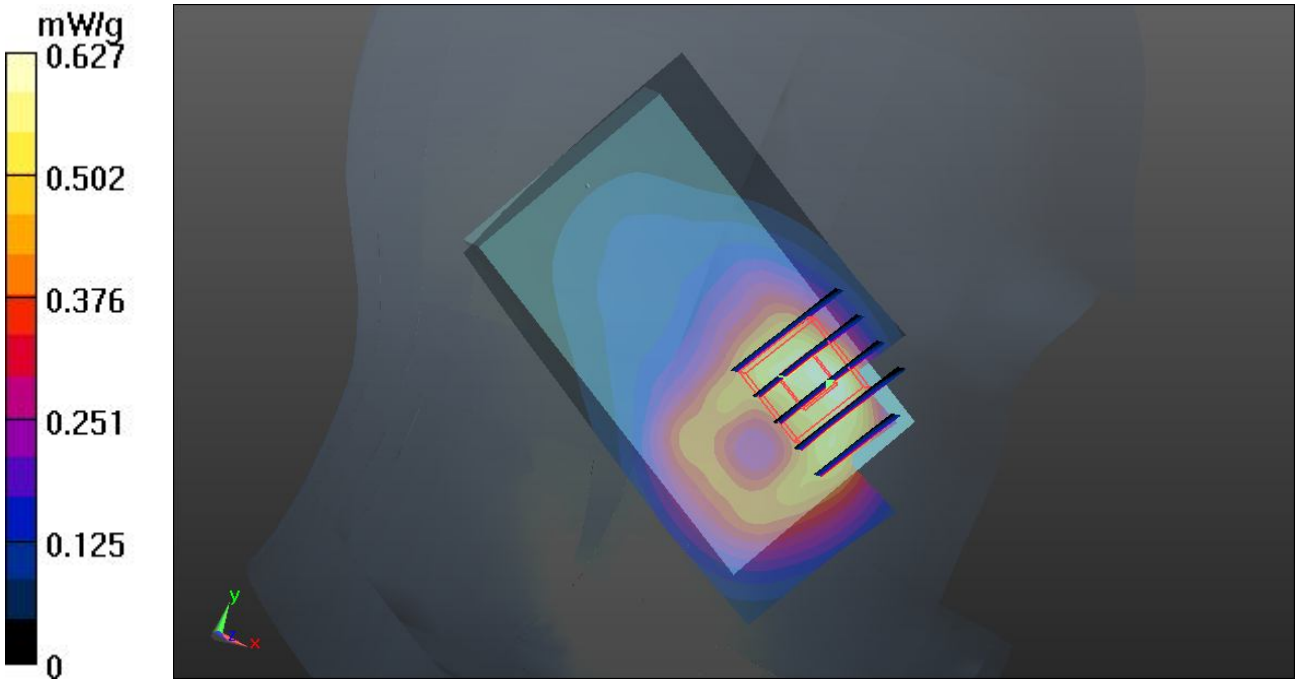
DUT: 231606

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.365 mho/m; ε_r = 41.266; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.627 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.413 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.0210
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.337 mW/g
Maximum value of SAR (measured) = 0.625 mW/g



26 GSM1900_Left Tilted_Ch512

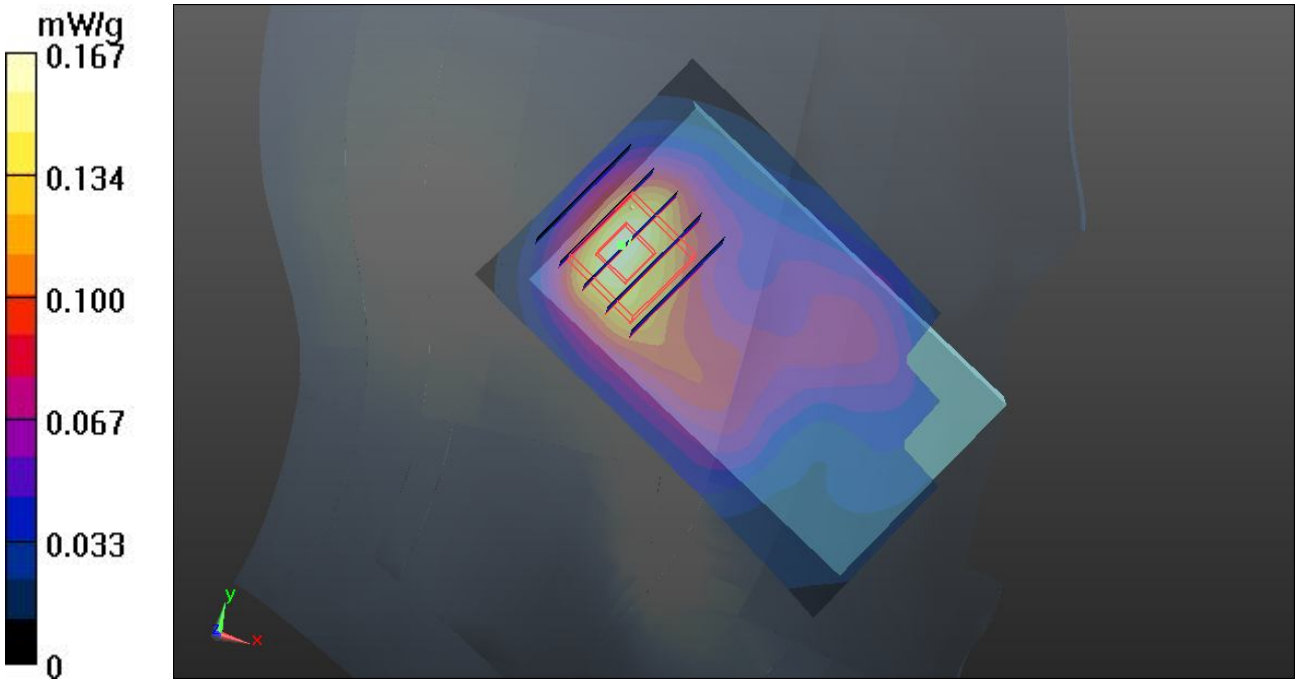
DUT: 231606

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.365 mho/m; ε_r = 41.266; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.167 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.917 V/m; Power Drift = 0.0033 dB
Peak SAR (extrapolated) = 0.2340
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



27 GSM1900_Right Cheek_Ch661

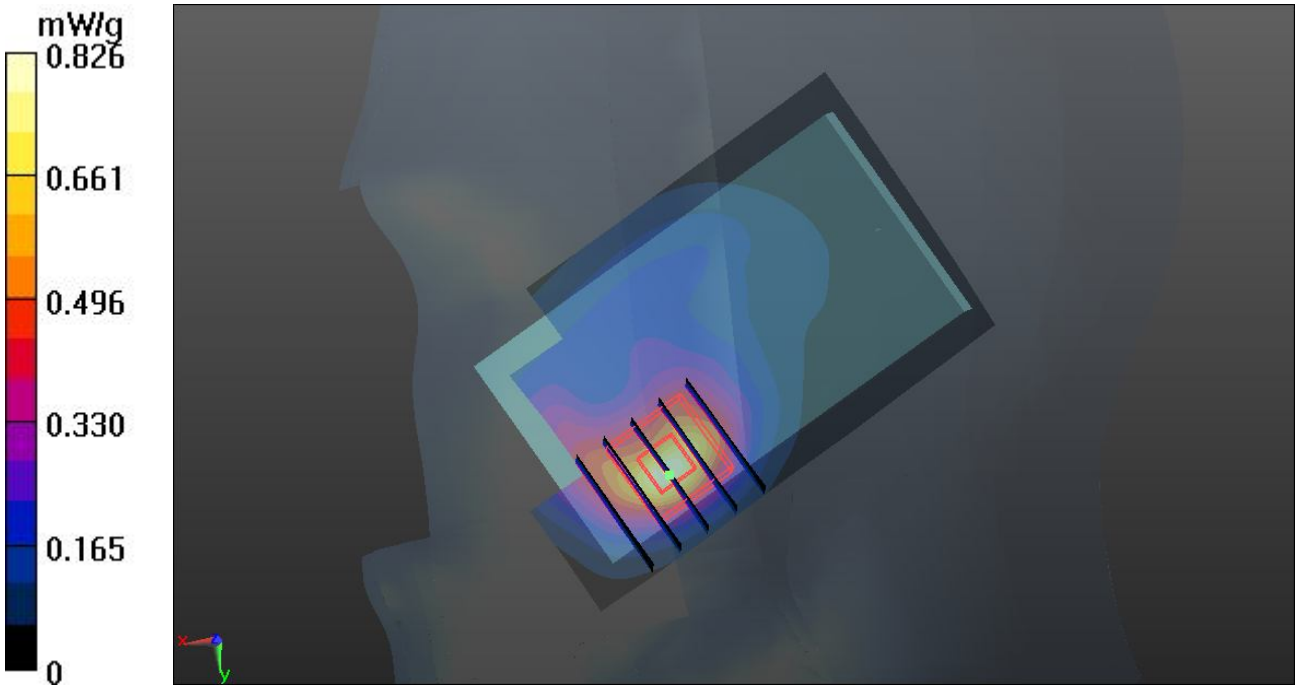
DUT: 231606

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 41.184; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.826 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.843 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.5550
SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.816 mW/g



28 GSM1900_Right Cheek_Ch810

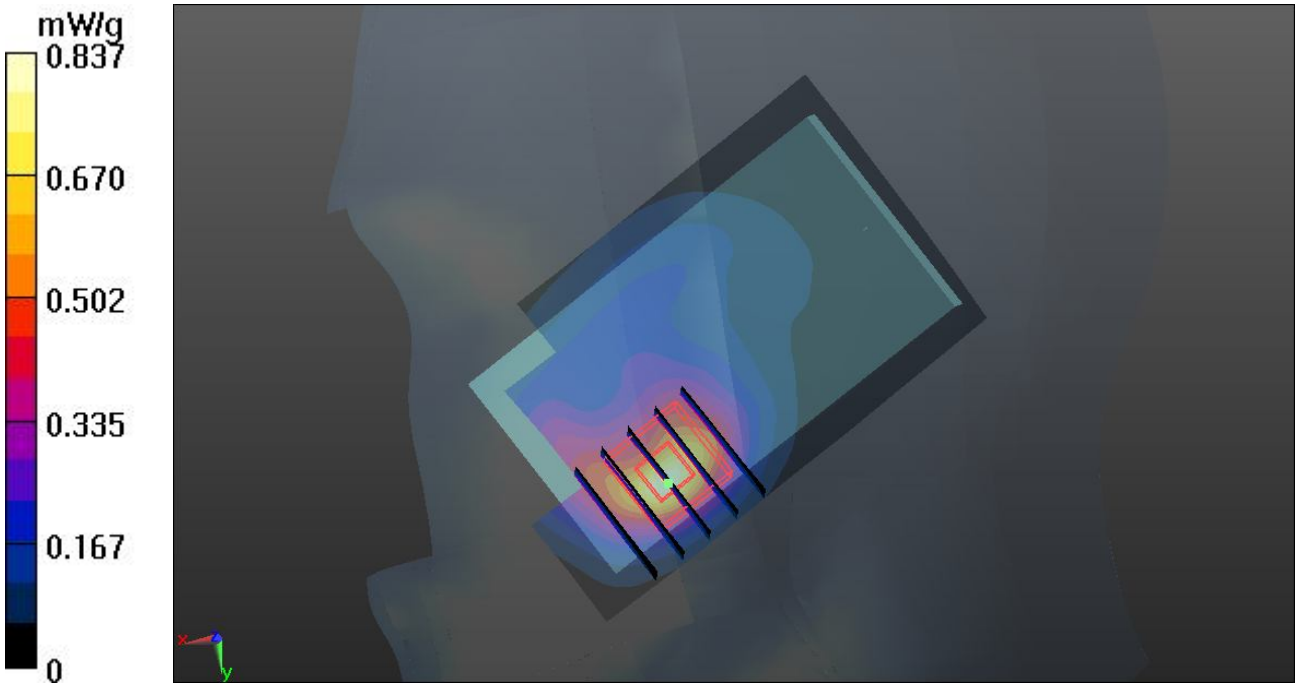
DUT: 231606

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120321 Medium parameters used: f = 1910 MHz; σ = 1.436 mho/m; ε_r = 41.187; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.837 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.926 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.5790
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.826 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

09 WCDMA V_RMC 12.2K_Right Cheek_Ch4182

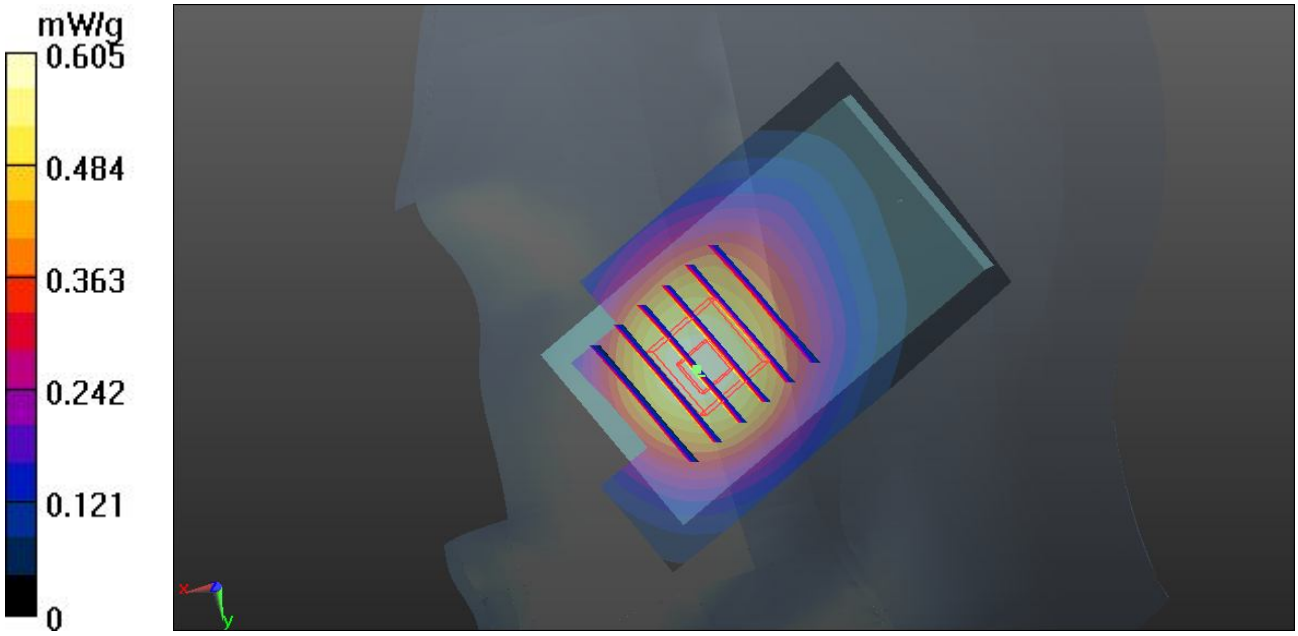
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.605 mW/g

Ch4182/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.319 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.7580
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.408 mW/g
Maximum value of SAR (measured) = 0.592 mW/g



10 WCDMA V_RMC 12.2K_Right Tilted_Ch4182

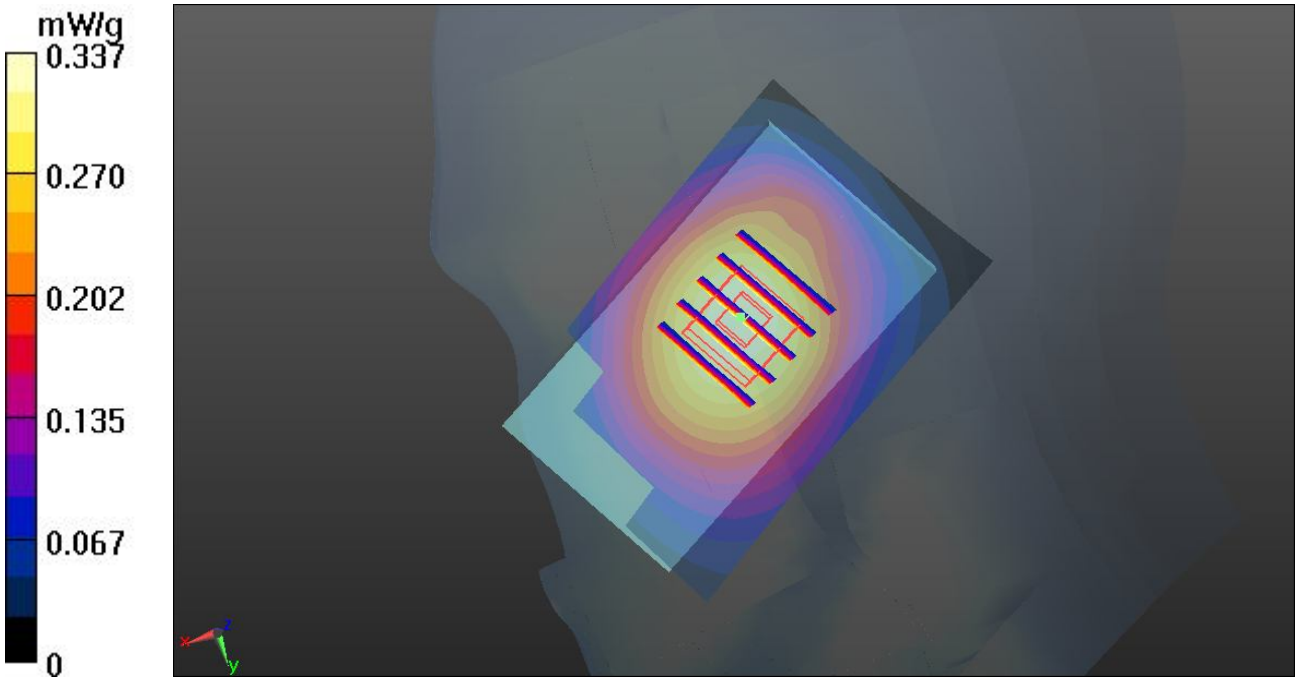
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.552 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.4050
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.339 mW/g



11 WCDMA V_RMC 12.2K_Left Cheek_Ch4182

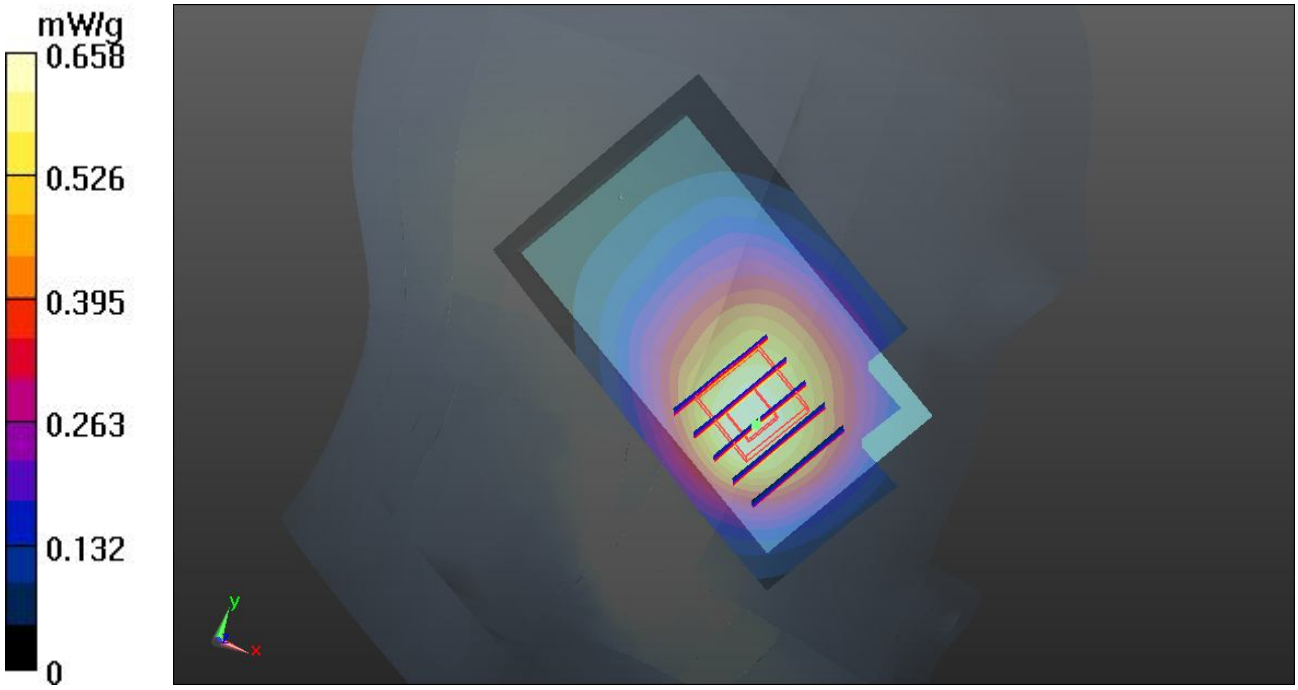
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.658 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.472 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.8210
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.645 mW/g



11 WCDMA V_RMC 12.2K_Left Cheek_Ch4182_2D

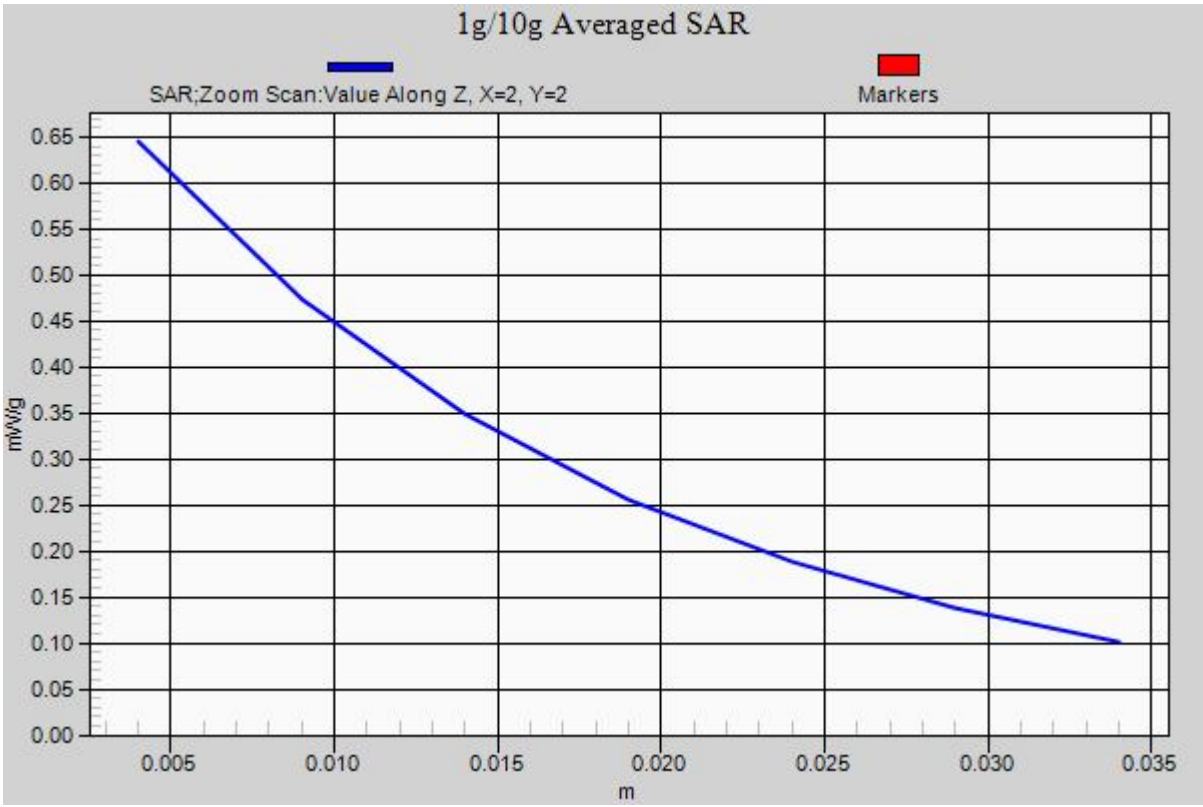
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.658 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.472 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.8210
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.645 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

12 WCDMA V_RMC 12.2K_Left Tilted_Ch4182

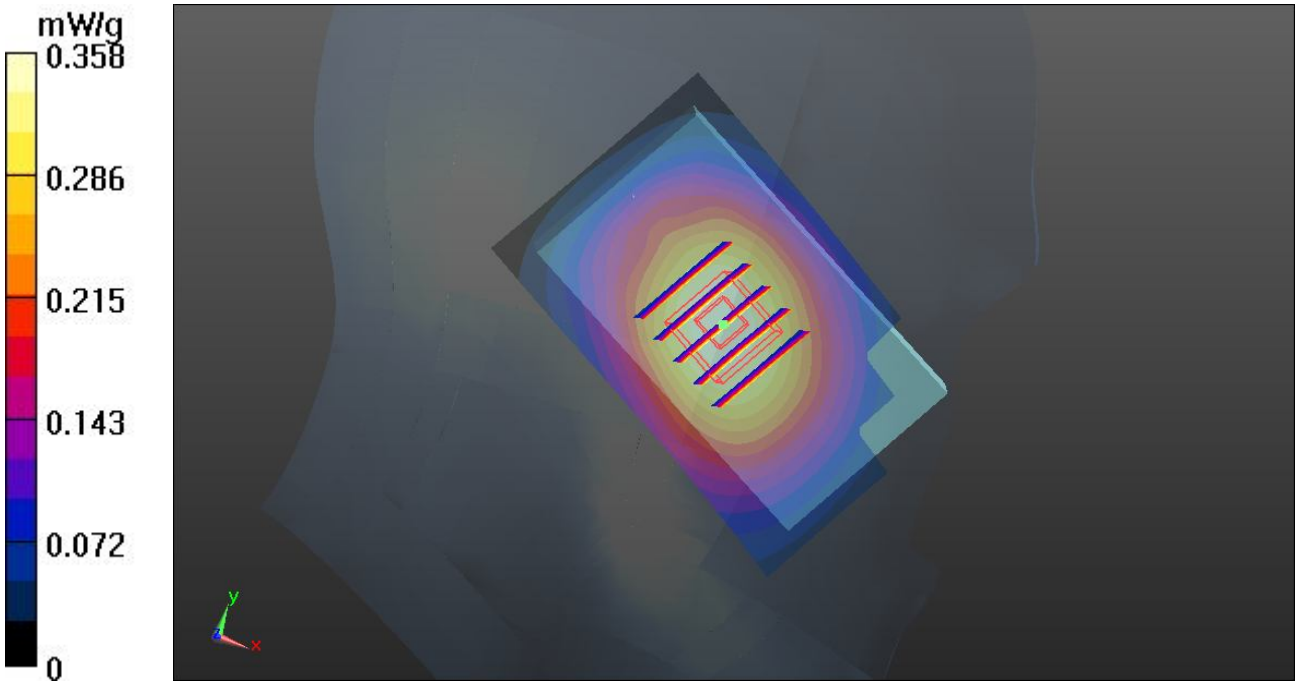
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.358 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.436 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.4390
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.362 mW/g



55 802.11b_Right Cheek_Ch6

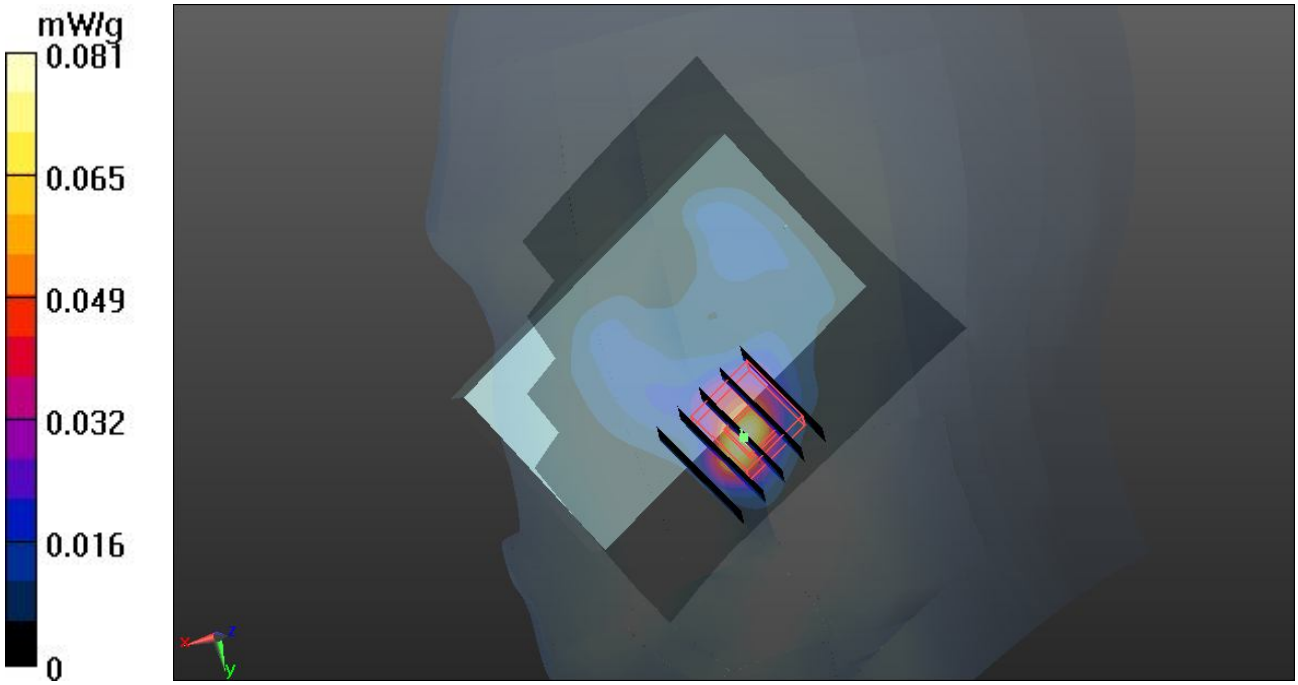
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.805 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.081 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.883 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.1190
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.073 mW/g



56 802.11b_Right Tilted_Ch6

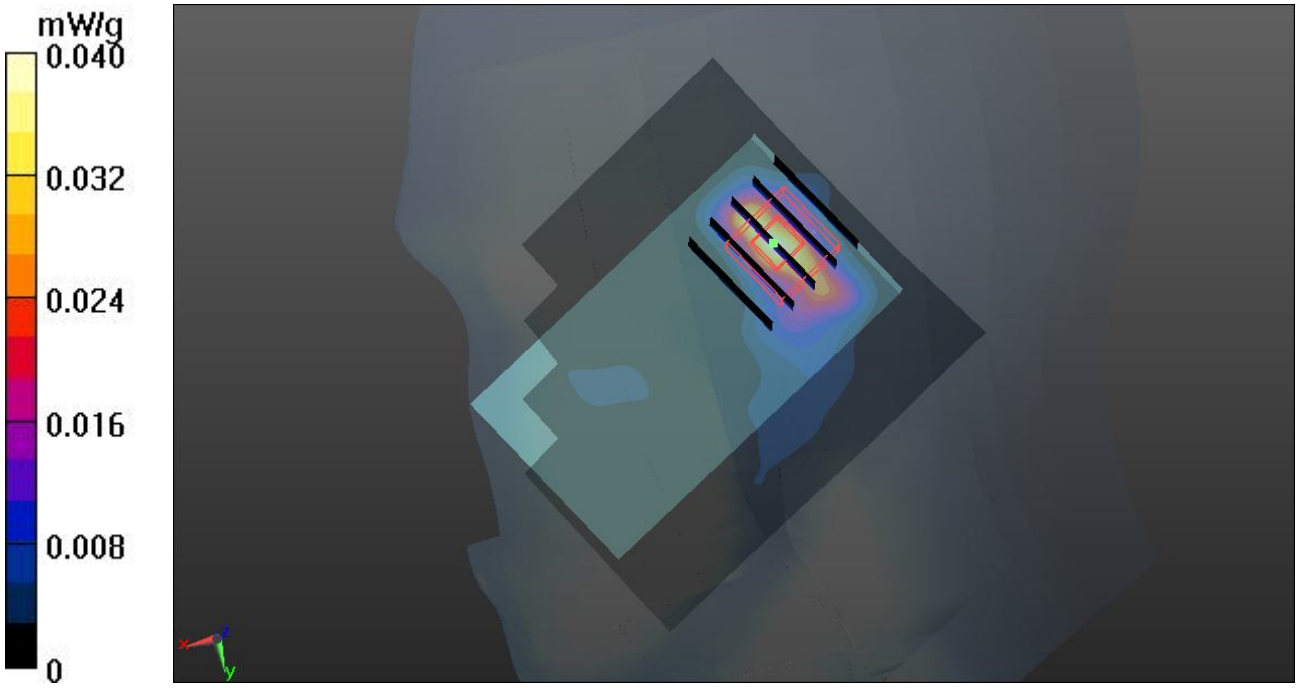
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.805 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.040 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.940 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0350
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.009 mW/g
Maximum value of SAR (measured) = 0.022 mW/g



57 802.11b_Left Cheek_Ch6

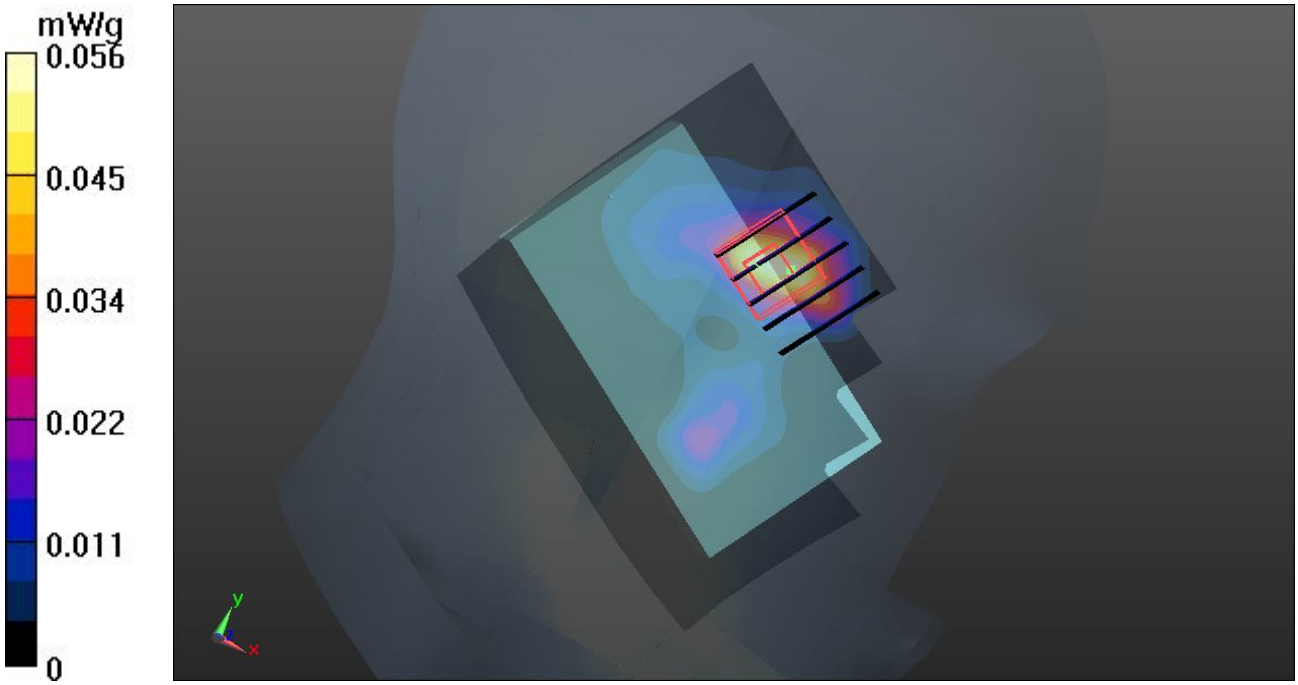
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.805 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.595 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.2360
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



57 802.11b_Left Cheek_Ch6_2D

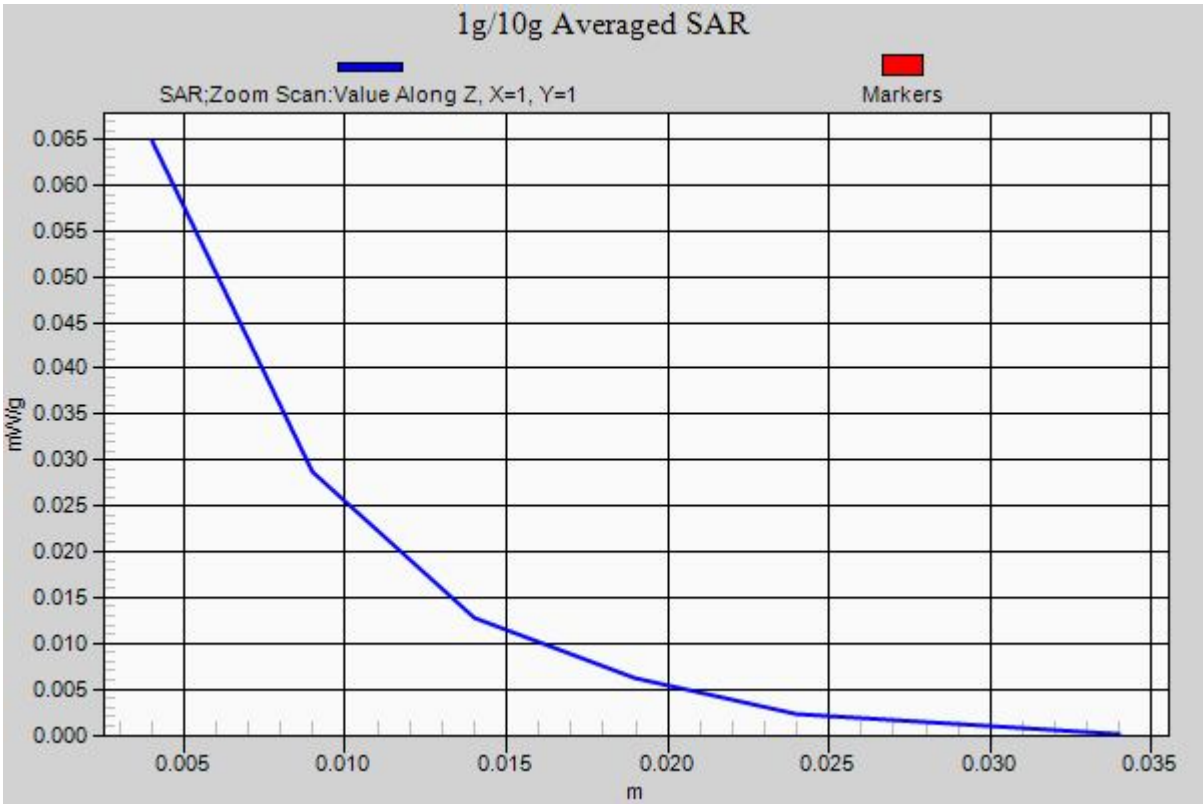
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.805 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.595 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.2360
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



58 802.11b_Left Tilted_Ch6

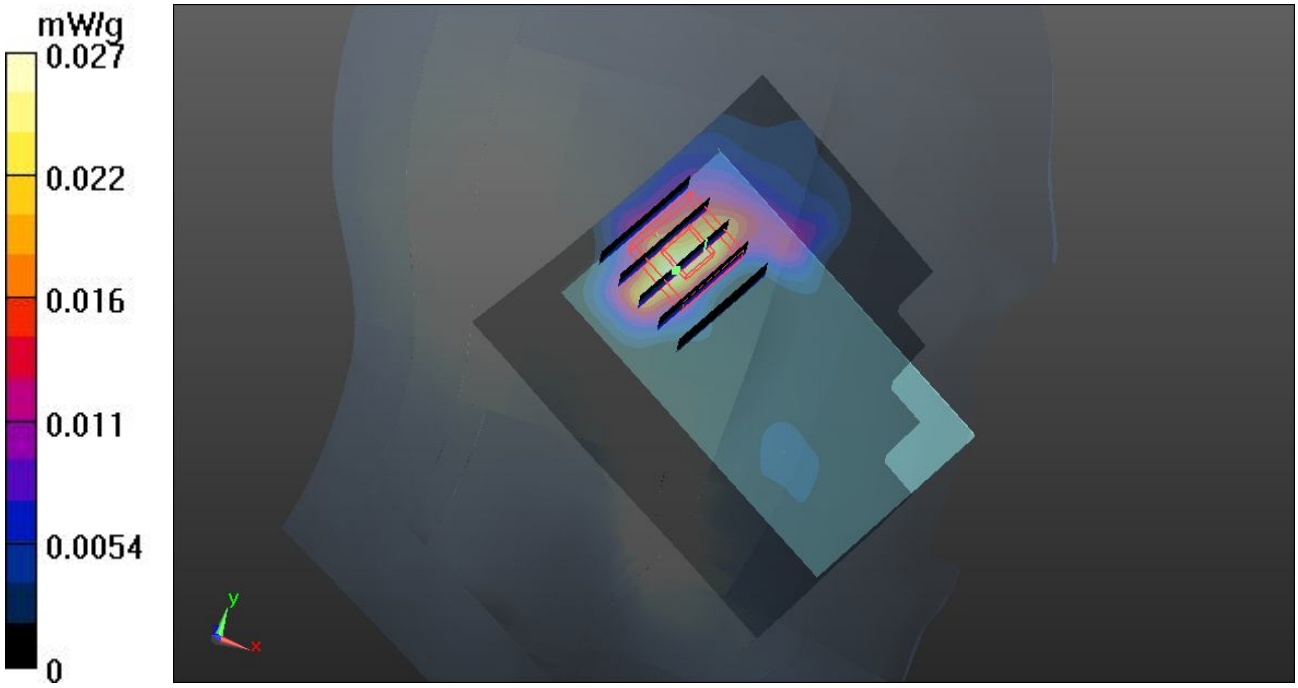
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.805 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.728 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0290
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00807 mW/g
Maximum value of SAR (measured) = 0.018 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

41 GSM850_GPRS12_Front_1.0cm_Ch251

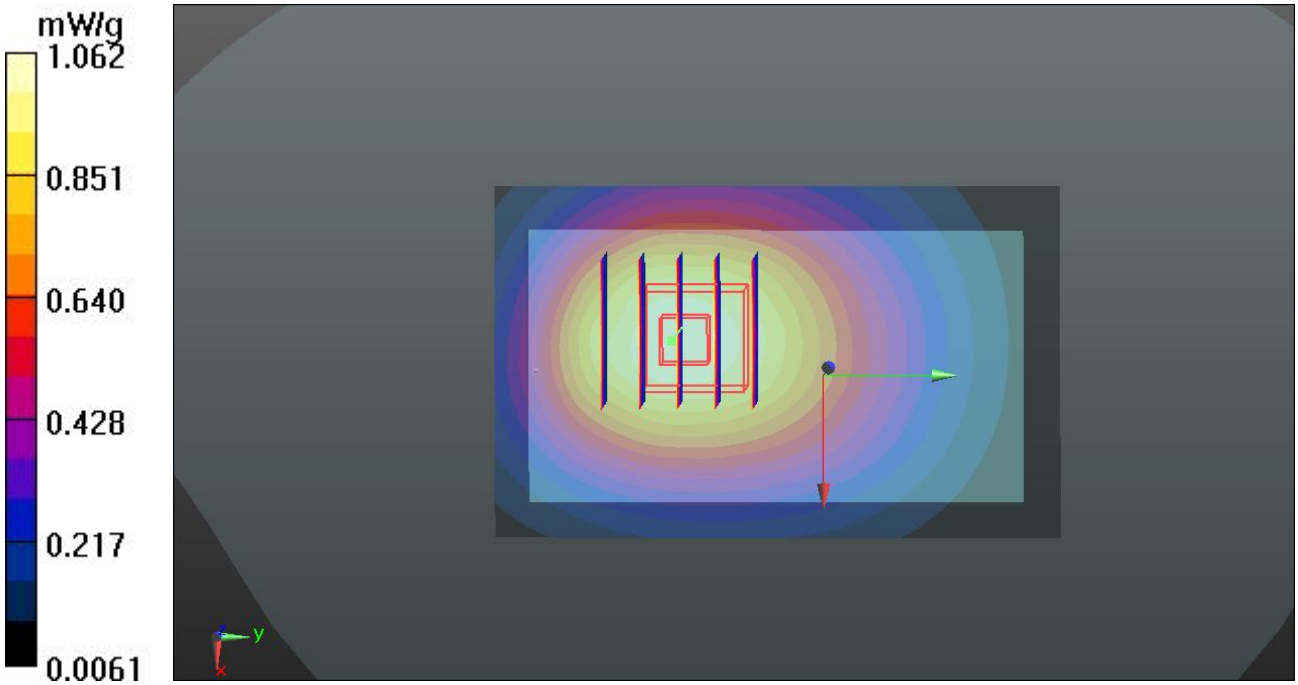
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.062 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.703 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.2560
SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (measured) = 1.058 mW/g



42 GSM850_GPRS12_Back_1.0cm_Ch251

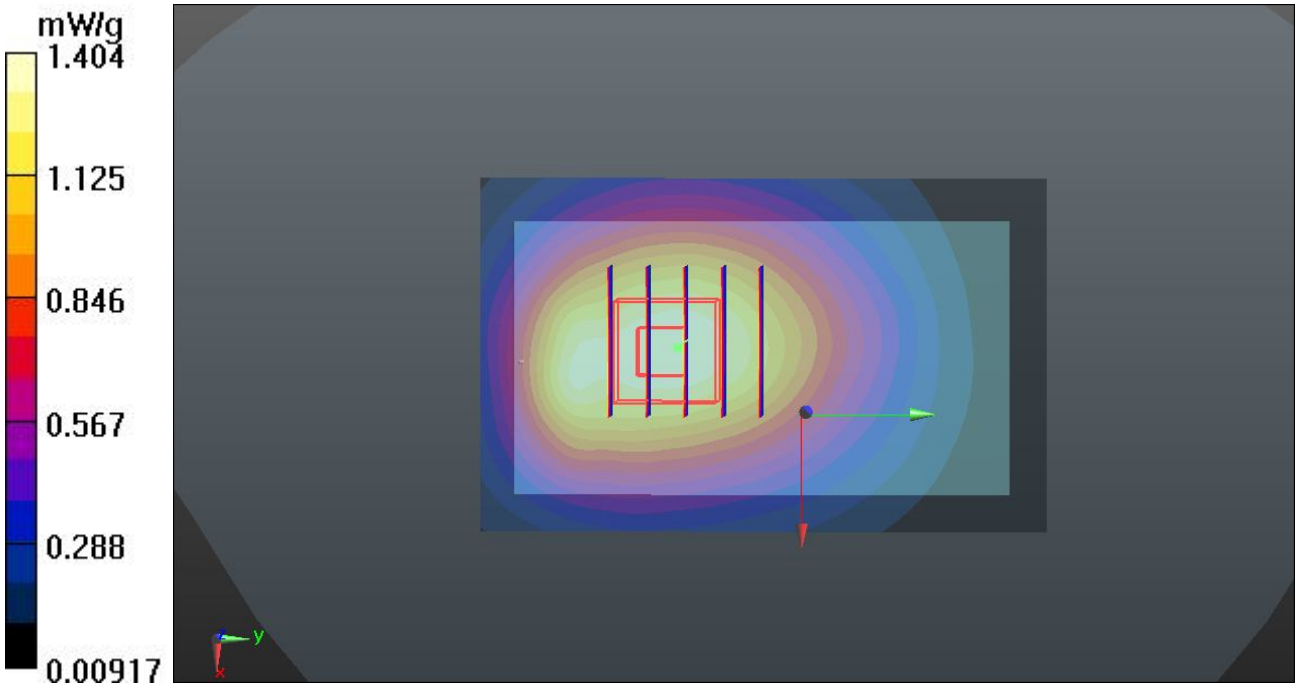
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.404 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.088 V/m; Power Drift = 0.0097 dB
Peak SAR (extrapolated) = 1.7400
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.949 mW/g
Maximum value of SAR (measured) = 1.374 mW/g



42 GSM850_GPRS12_Back_1.0cm_Ch251_2D

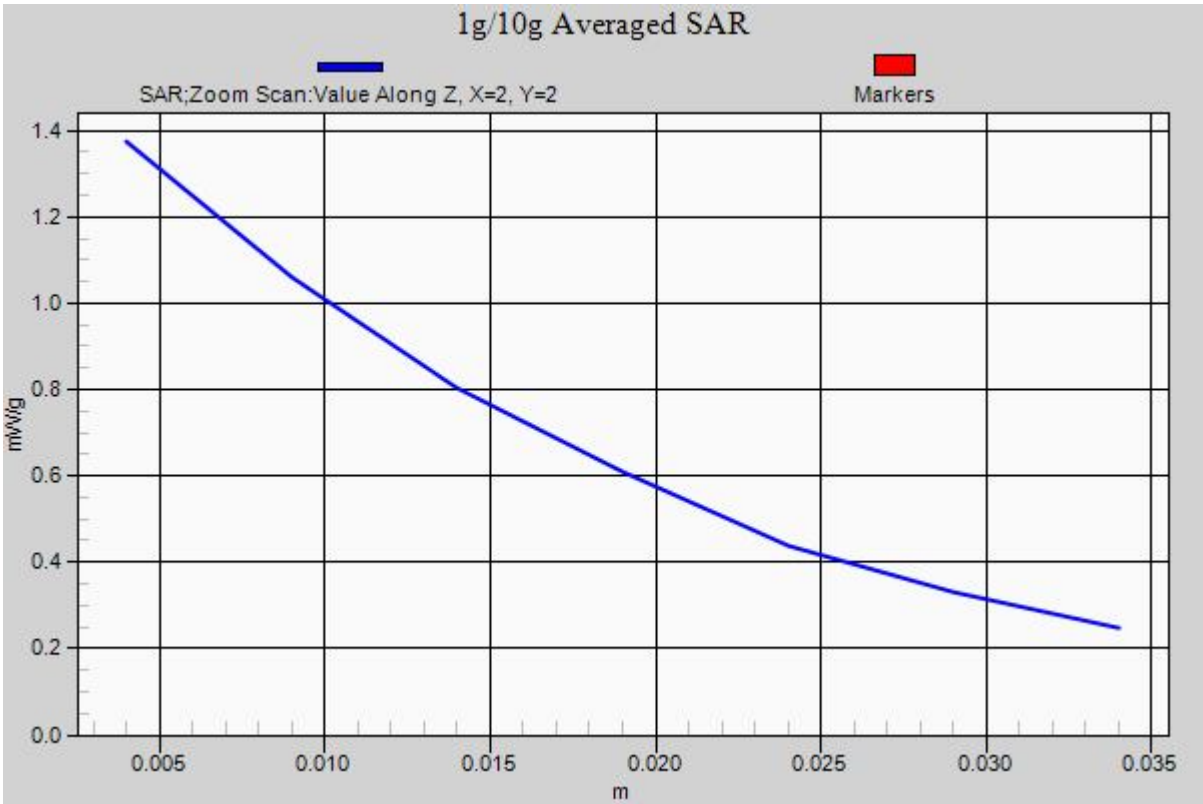
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.404 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.088 V/m; Power Drift = 0.0097 dB
Peak SAR (extrapolated) = 1.7400
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.949 mW/g
Maximum value of SAR (measured) = 1.374 mW/g



43 GSM850_GPRS12_Left Side_1.0cm_Ch251

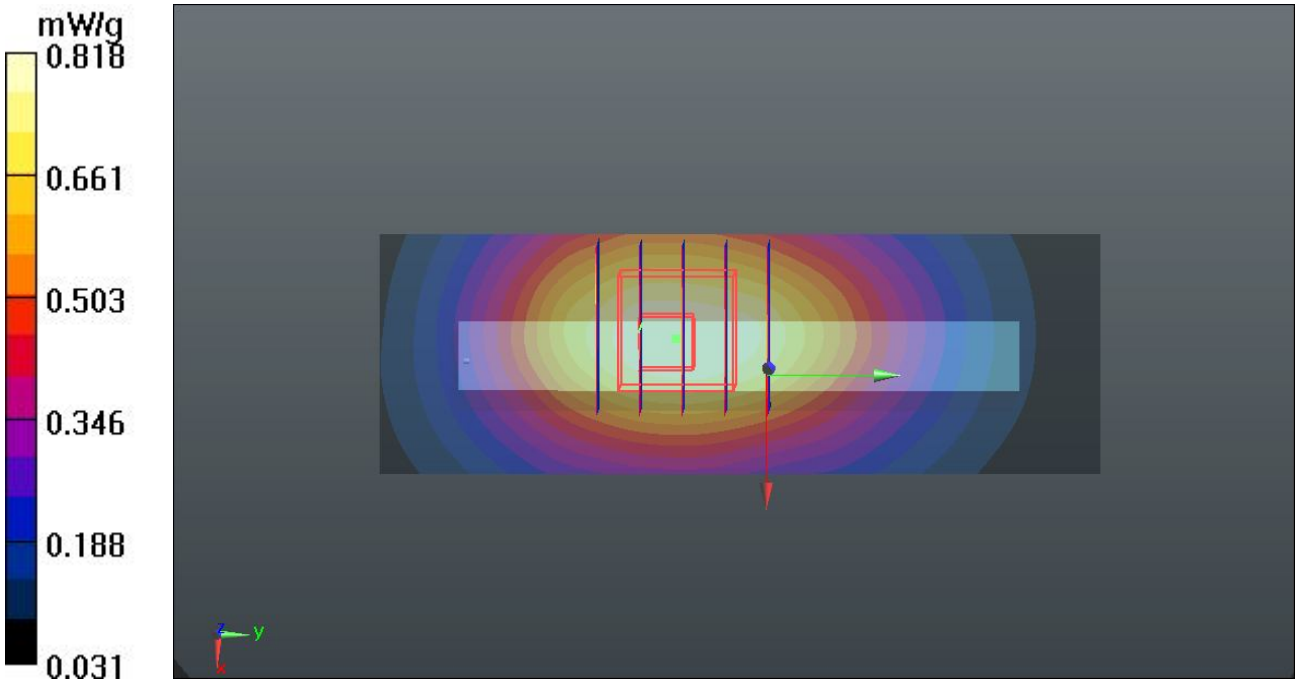
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.818 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.507 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.1190
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.548 mW/g
Maximum value of SAR (measured) = 0.838 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

44 GSM850_GPRS12_Right Side_1.0cm_Ch251

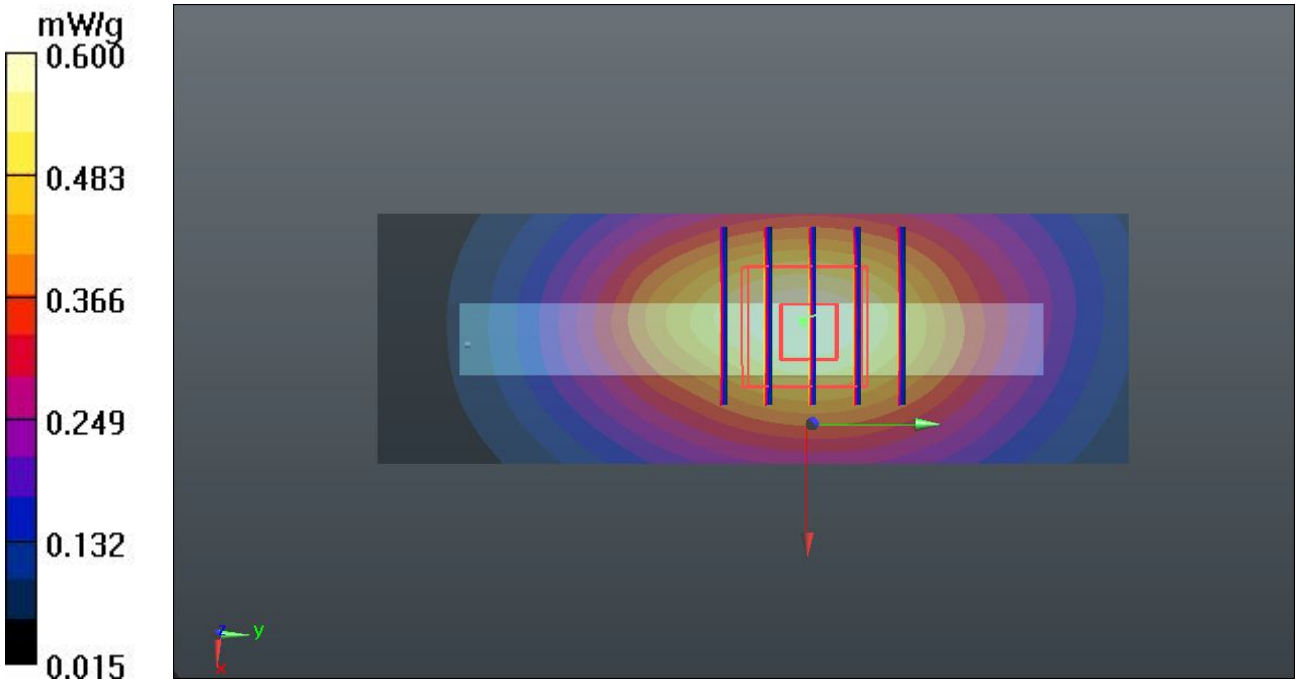
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.600 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.006 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.8330
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.599 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

45 GSM850_GPRS12_Top Side_1.0cm_Ch251

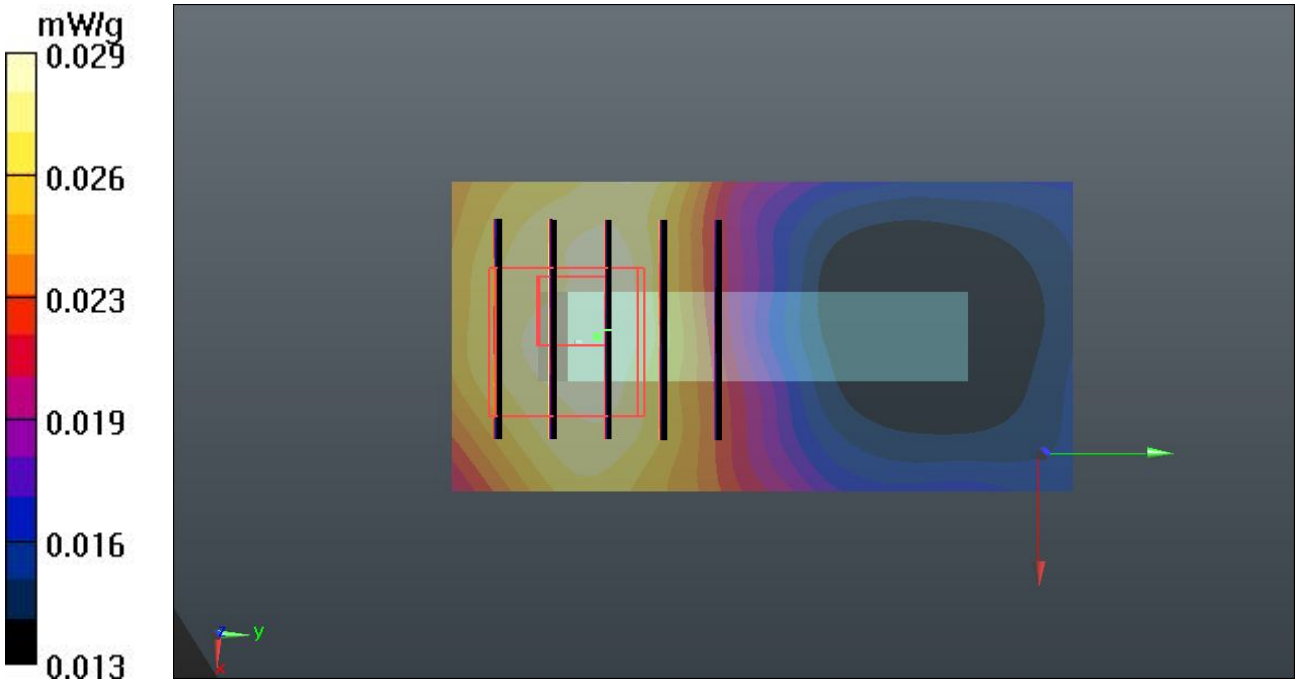
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.029 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.611 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0370
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.028 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

46 GSM850_GPRS12_Bottom Side_1.0cm_Ch251

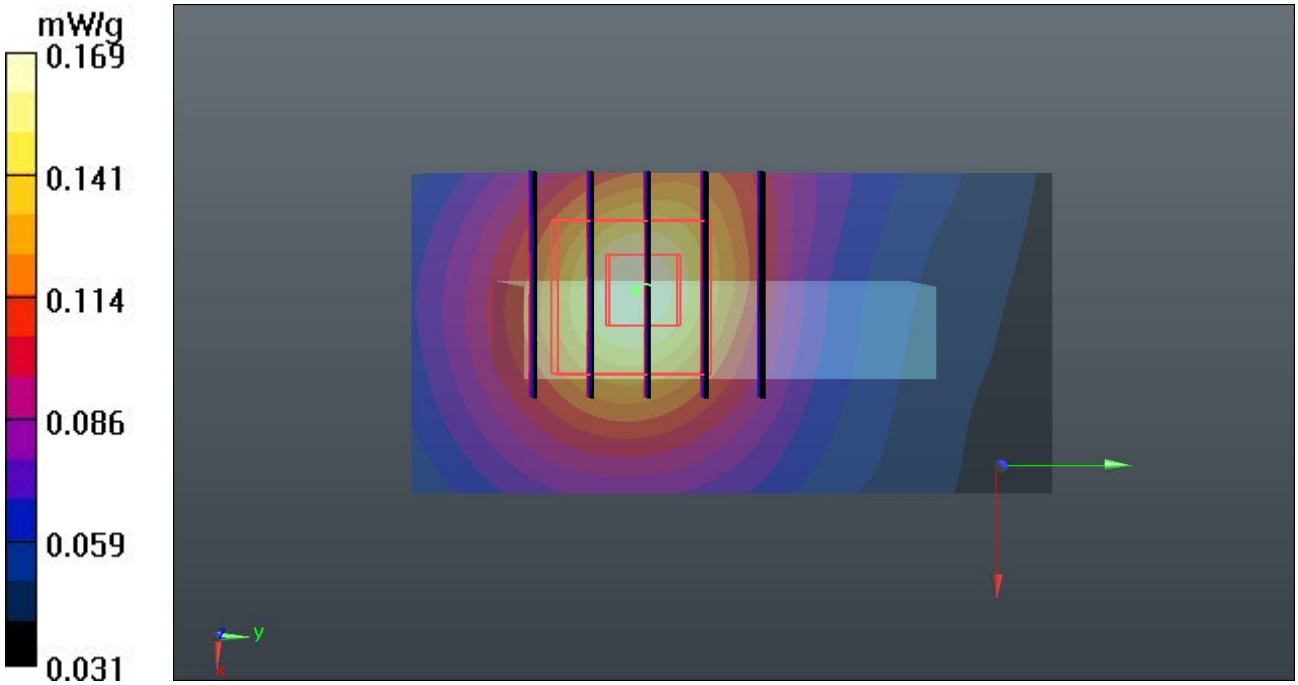
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.169 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.832 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.2330
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



47 GSM850_GPRS12_Front_1.0cm_Ch128

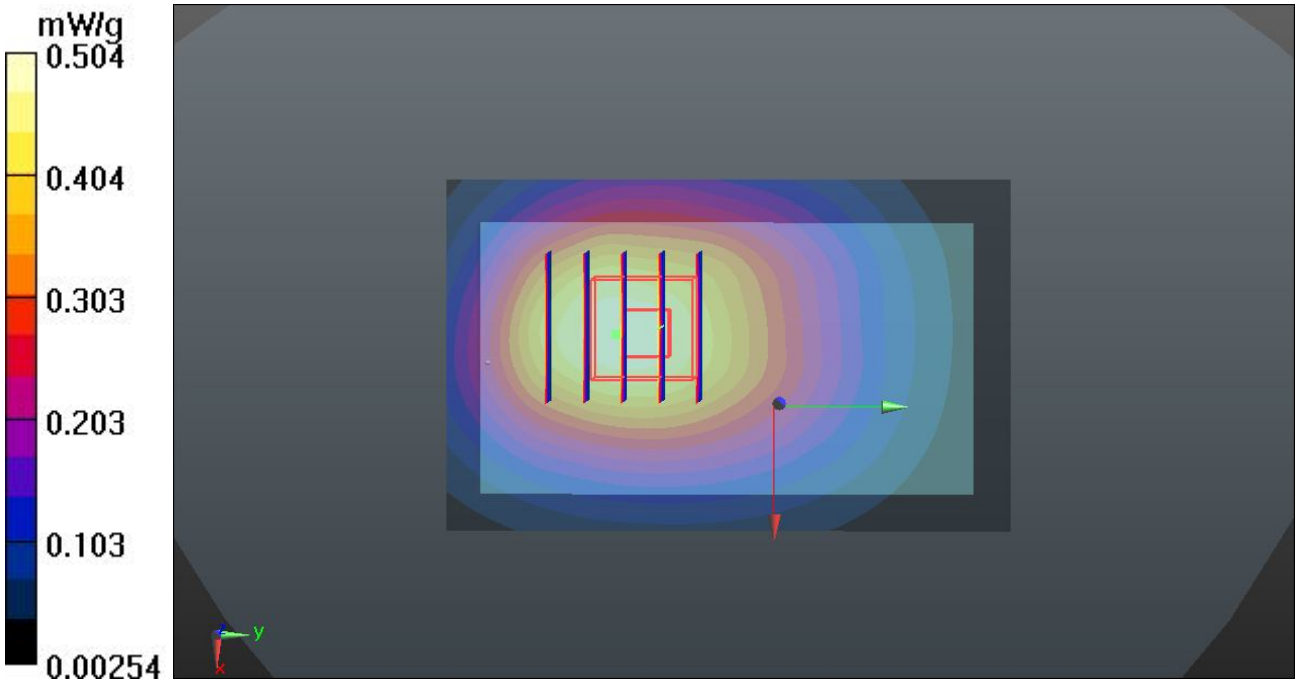
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.201; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.504 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.552 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.6250
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.488 mW/g



48 GSM850_GPRS12_Front_1.0cm_Ch189

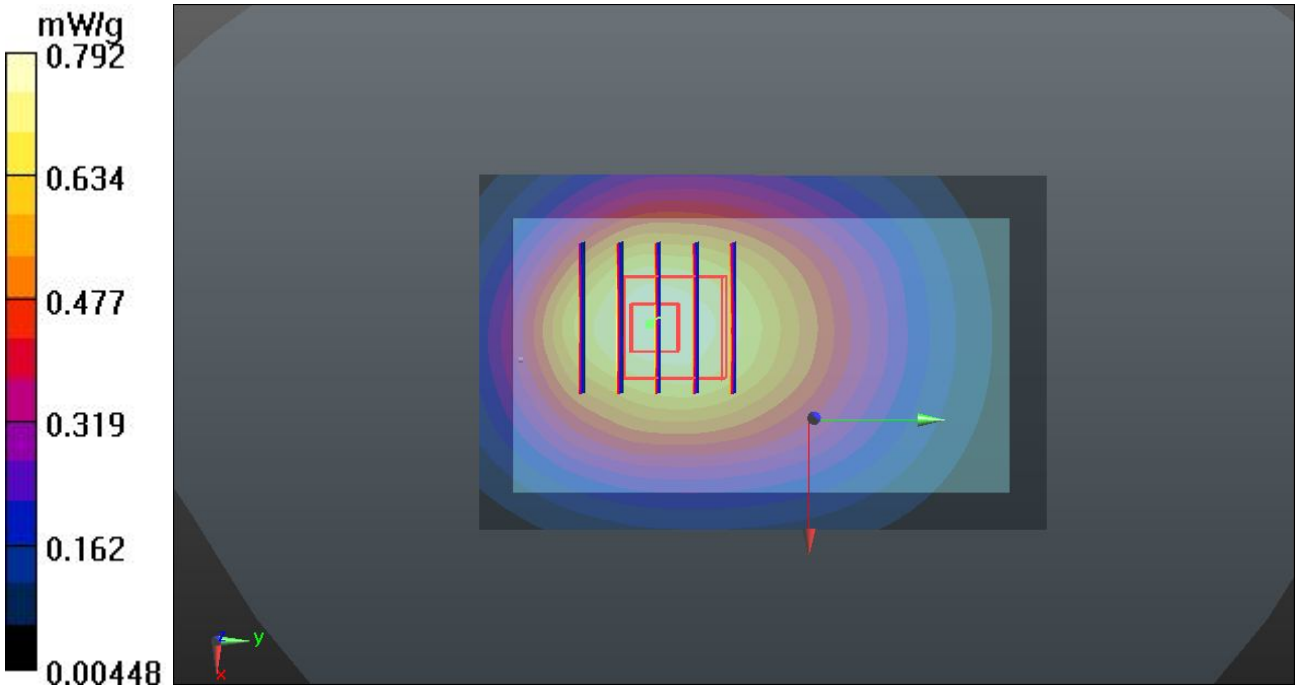
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.792 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.350 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.9720
SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.784 mW/g



49 GSM850_GPRS12_Back_1.0cm_Ch128

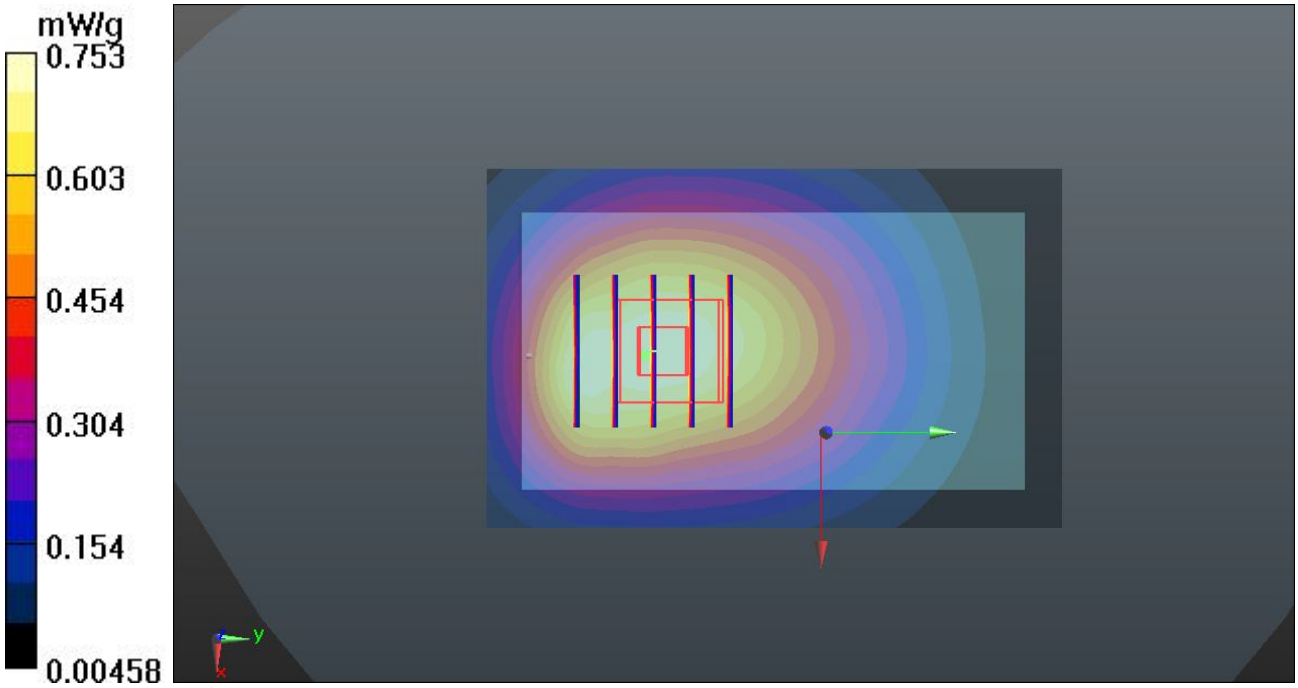
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.201; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.753 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.852 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.9640
SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 0.785 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

50 GSM850_GPRS12_Back_1.0cm_Ch189

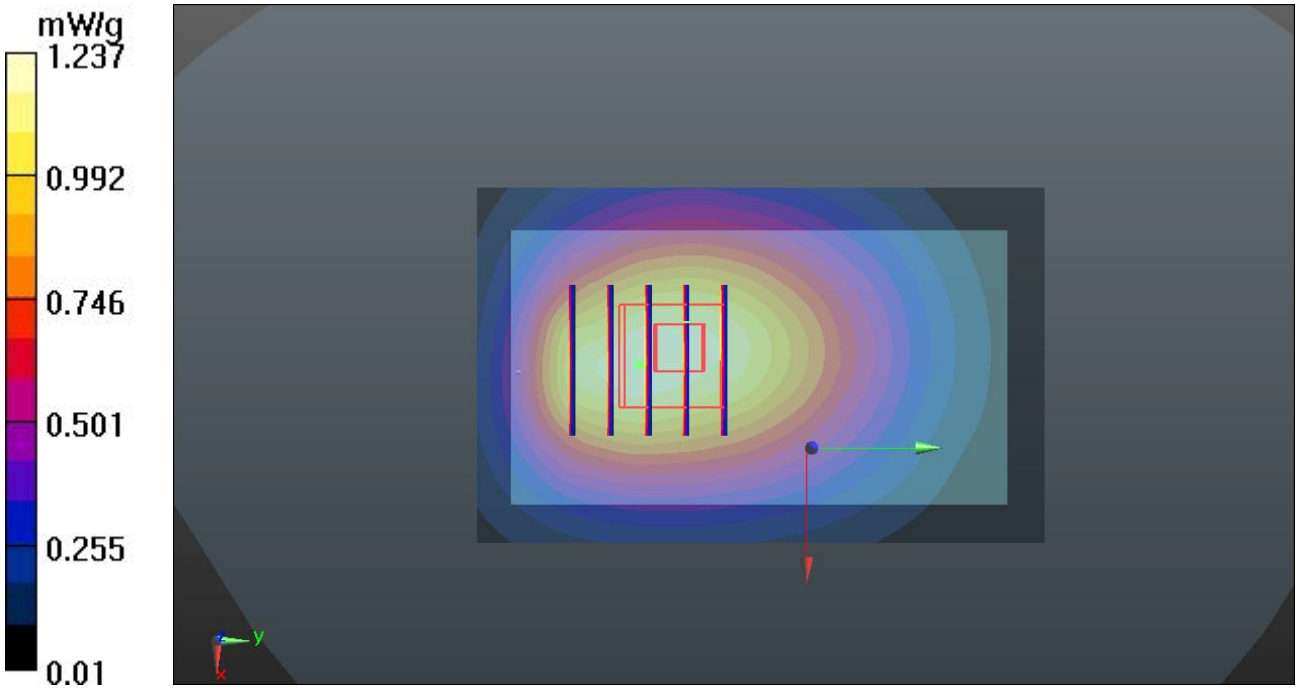
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.237 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.447 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.5400
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.819 mW/g
Maximum value of SAR (measured) = 1.168 mW/g



51 GSM850_GPRS12_Front_1.0cm_Ch251_Earphone

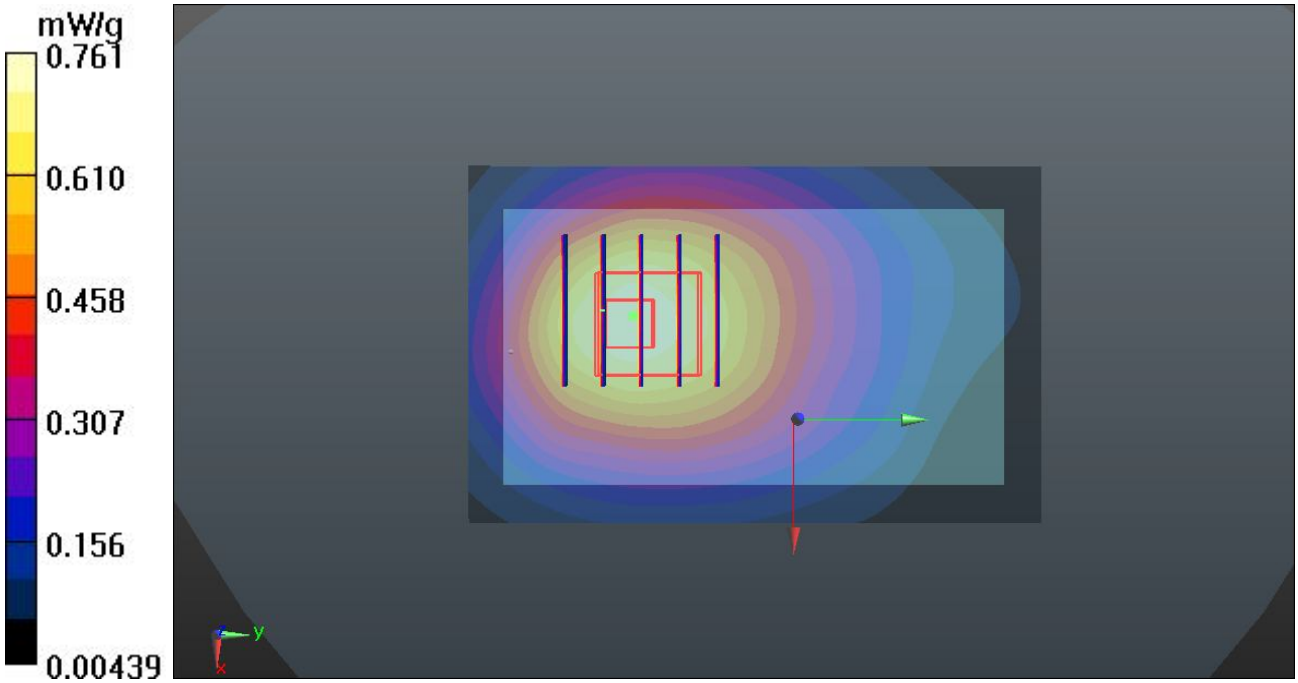
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.761 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.598 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.9680
SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 0.722 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

52 GSM850_GPRS12_Back_1.0cm_Ch251_Earphone

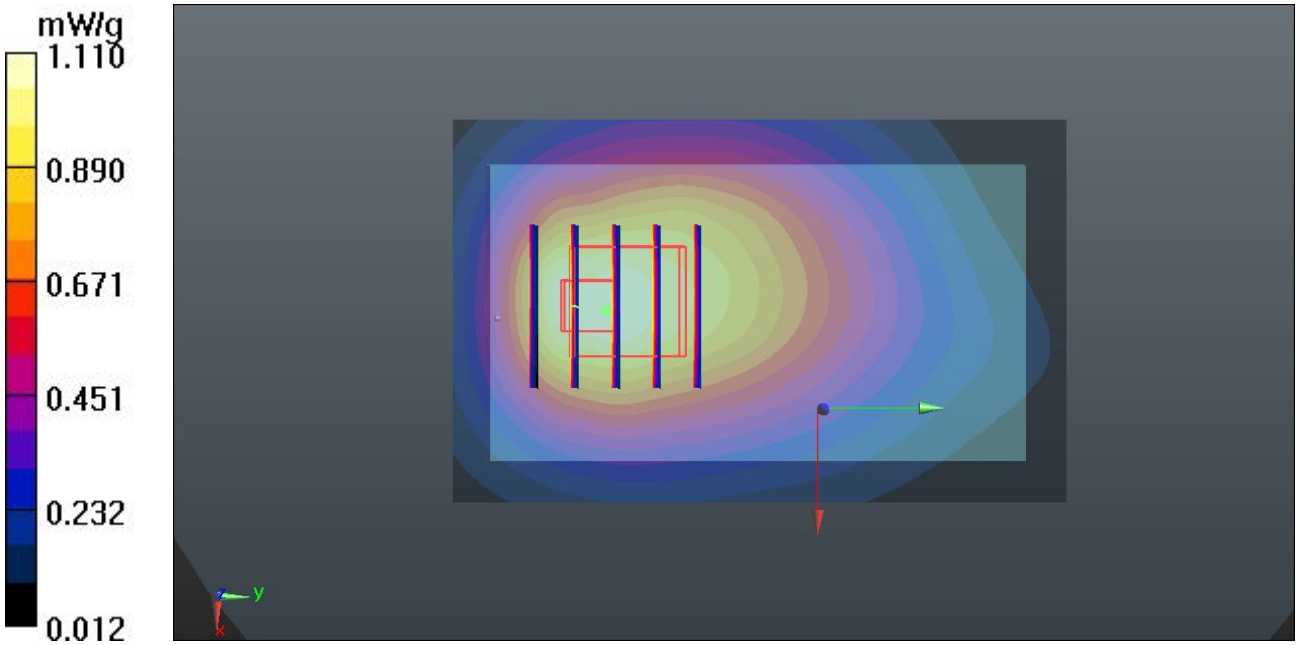
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 849 MHz; σ = 0.987 mho/m; ε_r = 53.983; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.110 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.106 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.5470
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.712 mW/g
Maximum value of SAR (measured) = 1.108 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

53 GSM850_GPRS12_Back_1.0cm_Ch128_Earphone

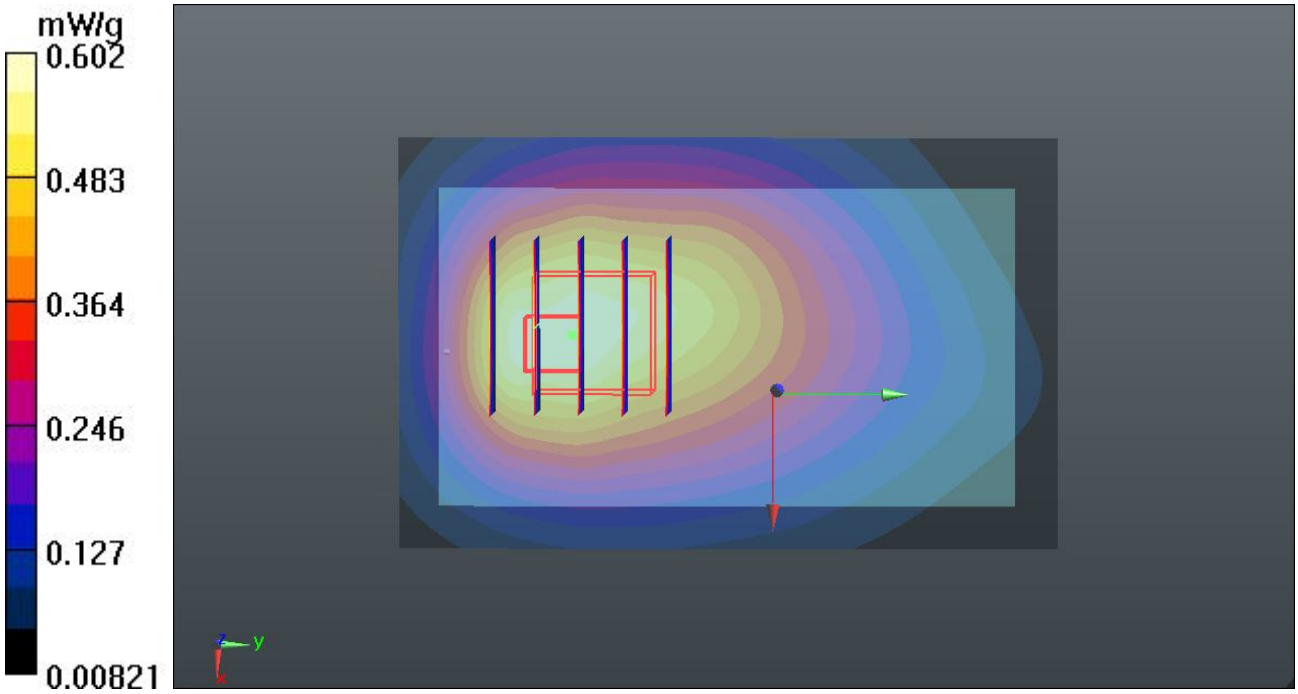
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.201; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.602 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.306 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.7800
SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.606 mW/g



54 GSM850_GPRS12_Back_1.0cm_Ch189_Earphone

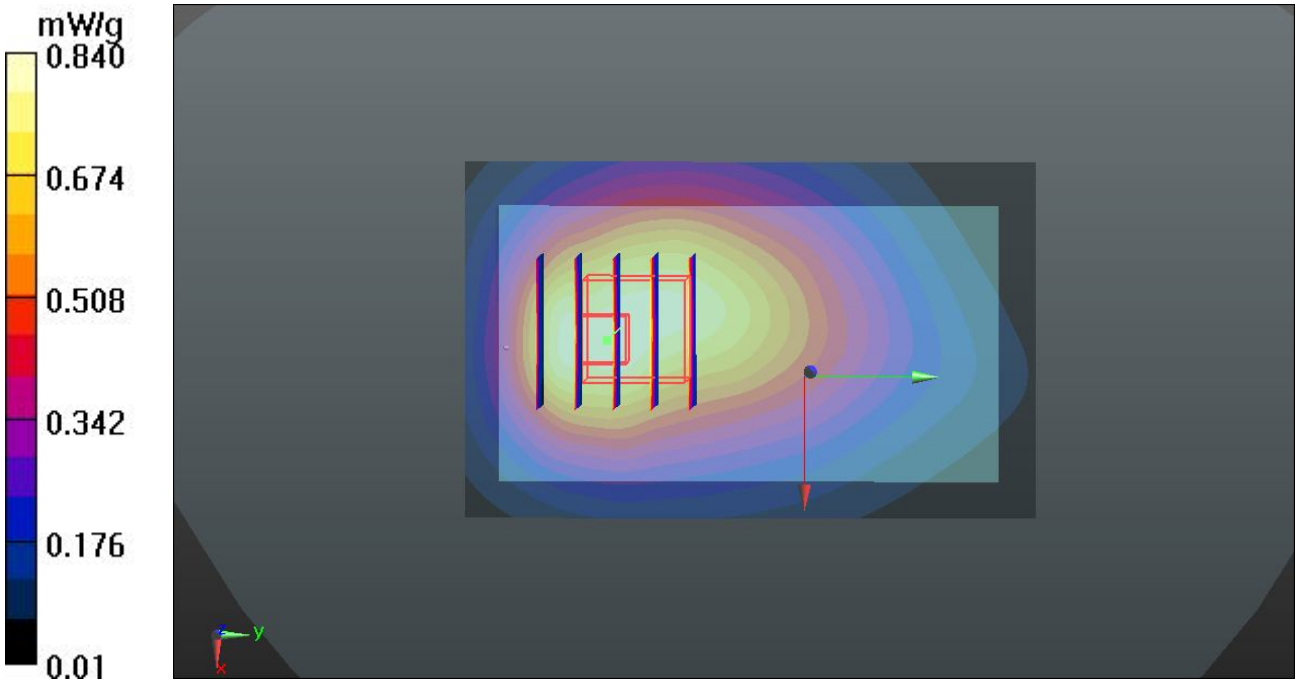
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.521 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.1110
SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.571 mW/g
Maximum value of SAR (measured) = 0.861 mW/g



29 GSM1900_GPRS12_Front_1.0cm_Ch512

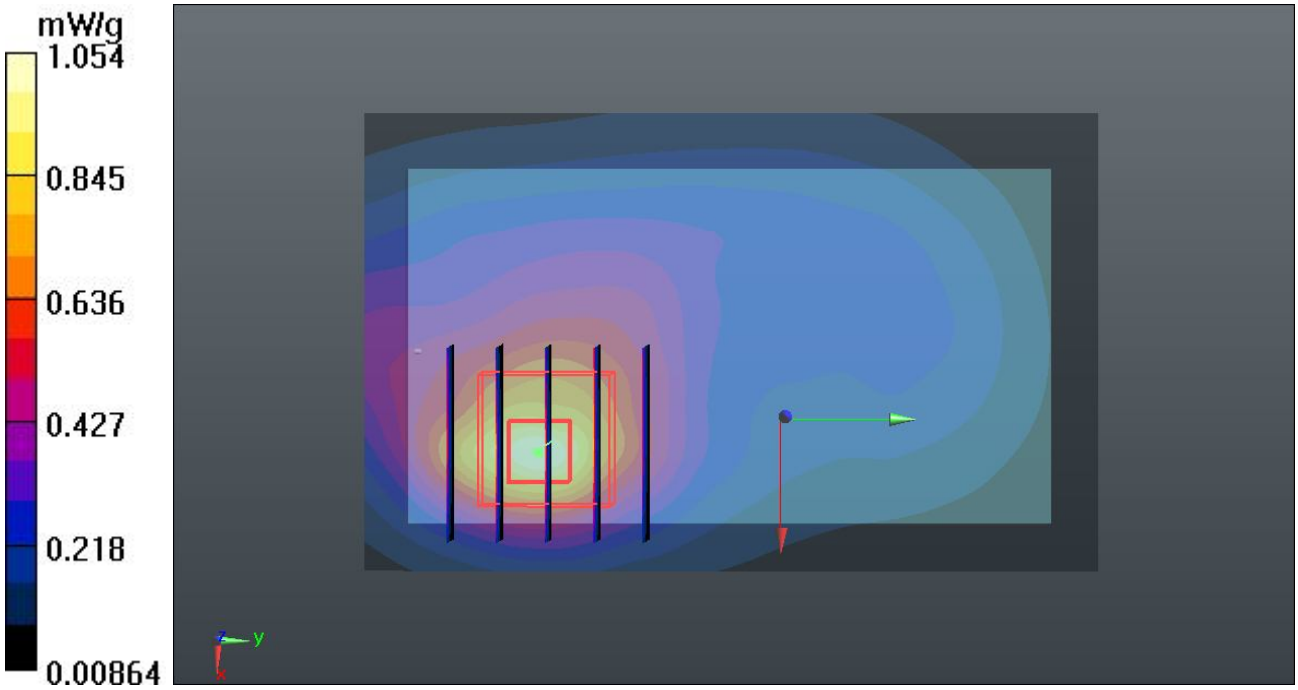
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.054 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.064 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.5180
SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.479 mW/g
Maximum value of SAR (measured) = 0.985 mW/g



30 GSM1900_GPRS12_Back_1.0cm_Ch512

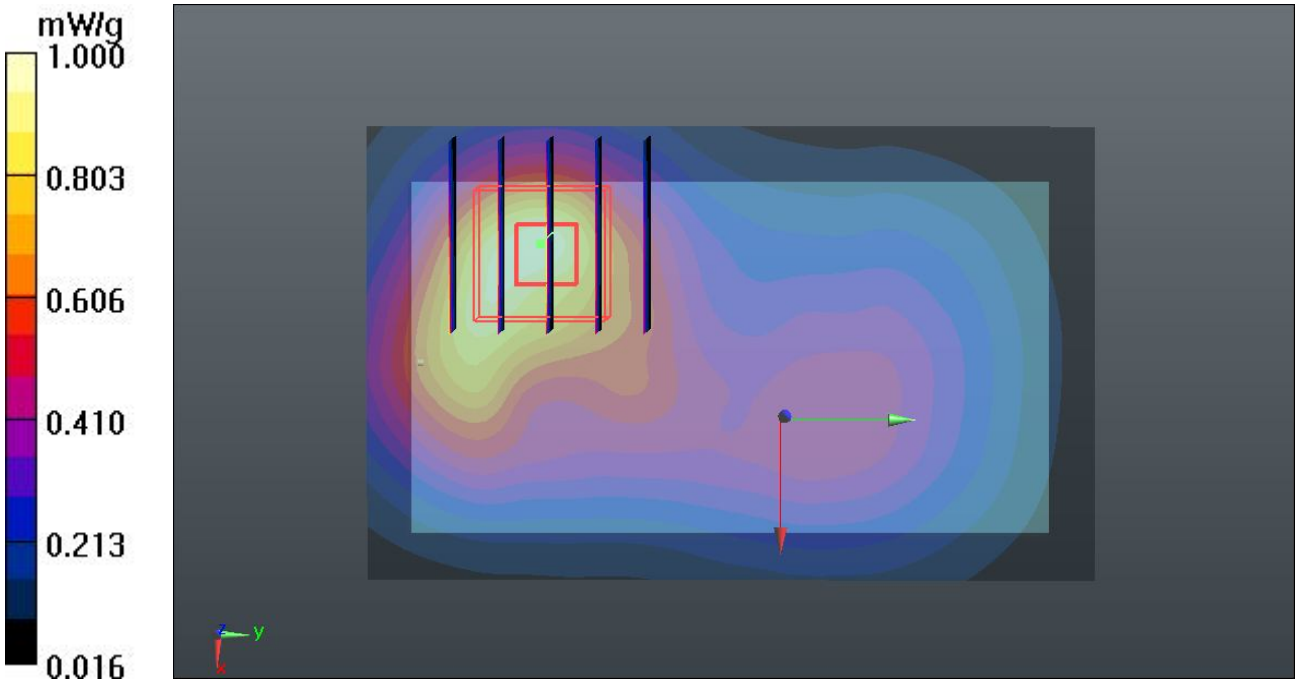
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.000 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.751 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.7110
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.513 mW/g
Maximum value of SAR (measured) = 1.008 mW/g



30 GSM1900_GPRS12_Back_1.0cm_Ch512_2D

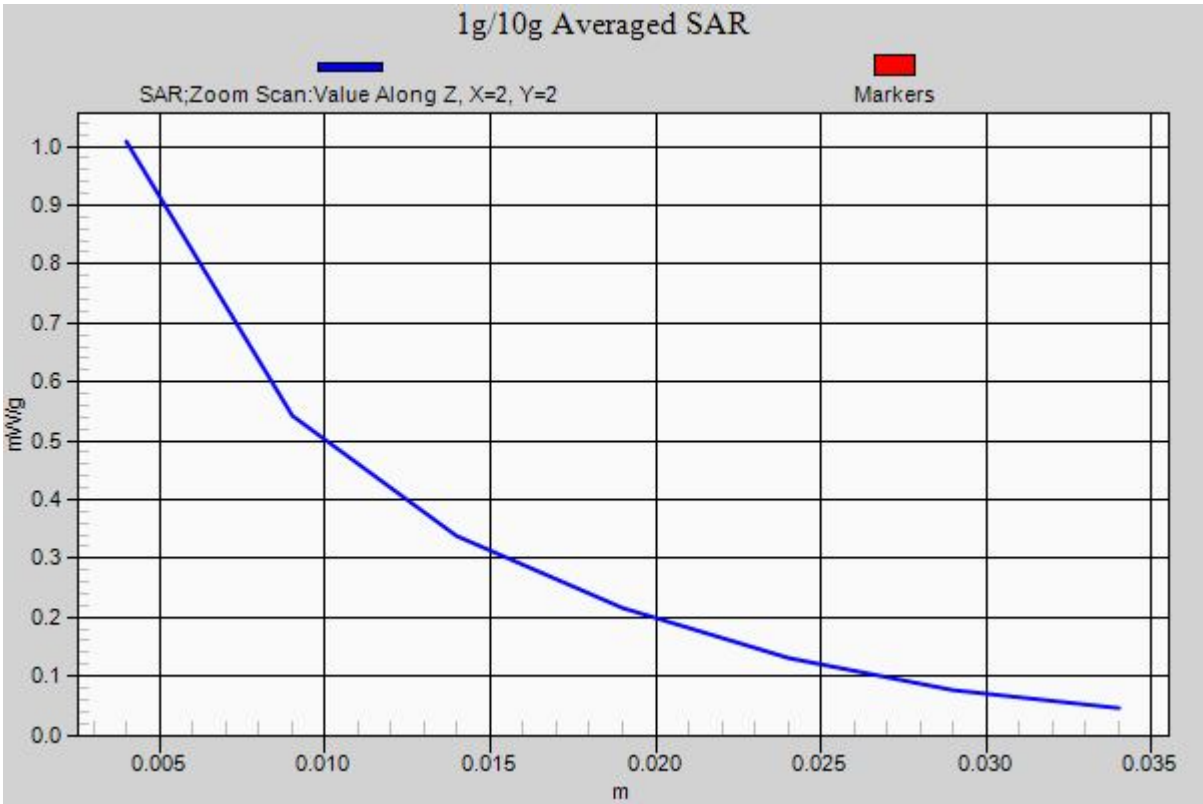
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.000 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.751 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.7110
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.513 mW/g
Maximum value of SAR (measured) = 1.008 mW/g



31 GSM1900_GPRS12_Left Side_1.0cm_Ch512

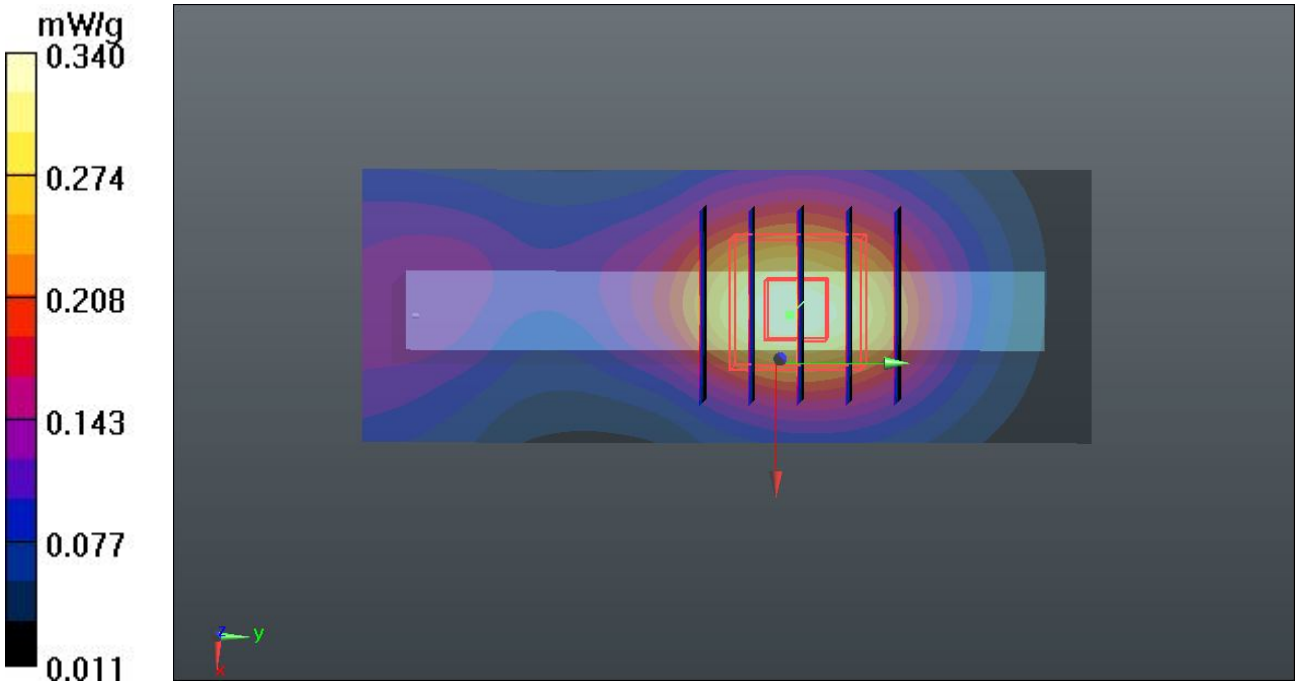
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.340 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.013 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.5080
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.343 mW/g



32 GSM1900_GPRS12_Right Side_1.0cm_Ch512

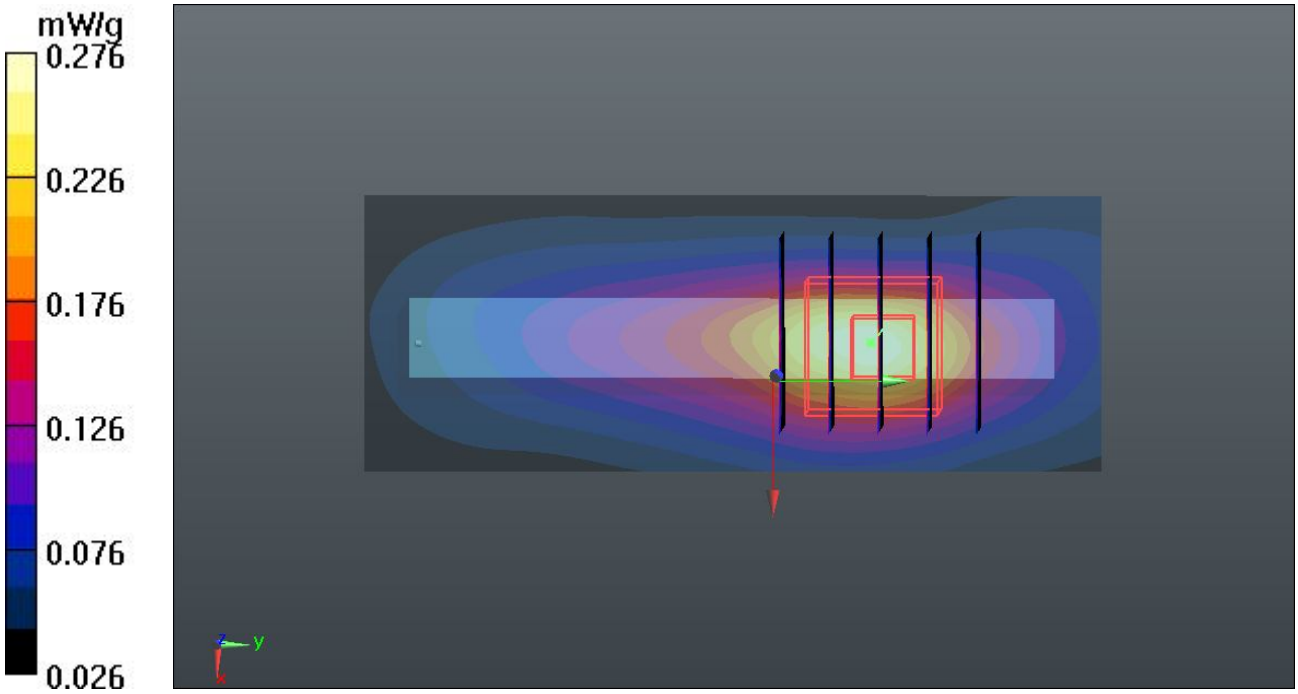
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.276 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.474 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.3950
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.255 mW/g



33 GSM1900_GPRS12_Top Side_1.0cm_Ch512

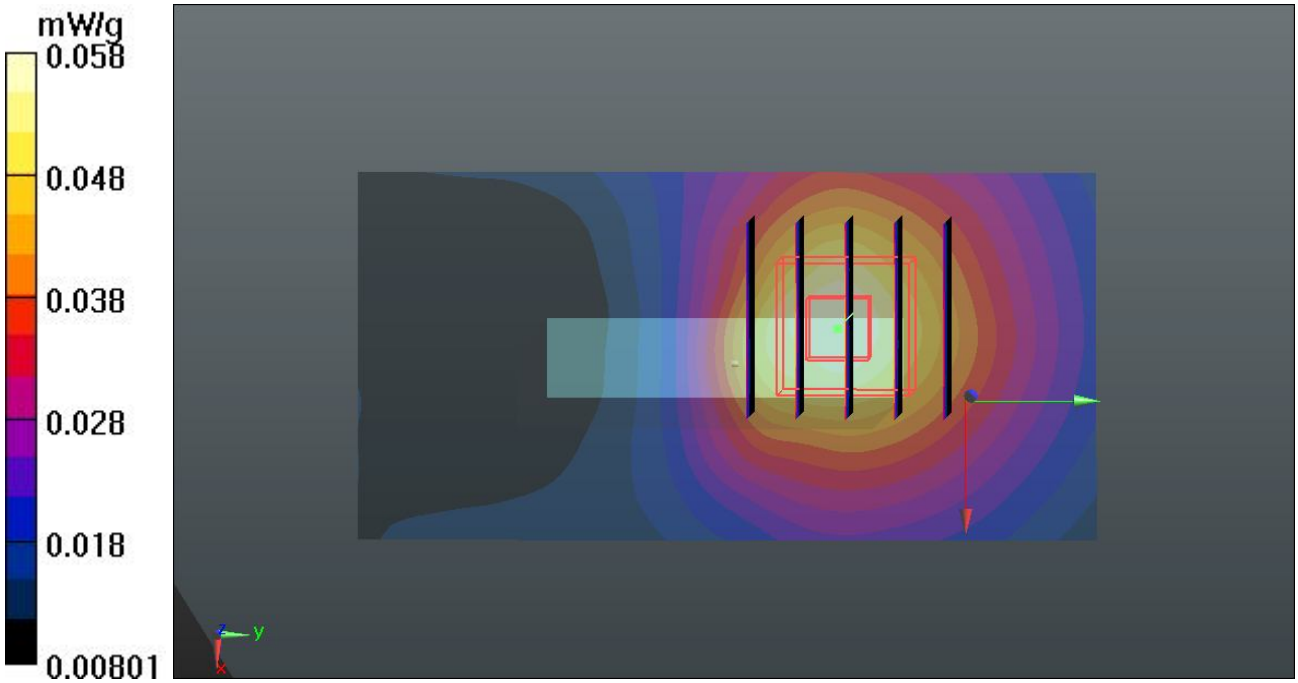
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.982 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0880
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



34 GSM1900_GPRS12_Bottom Side_1.0cm_Ch512

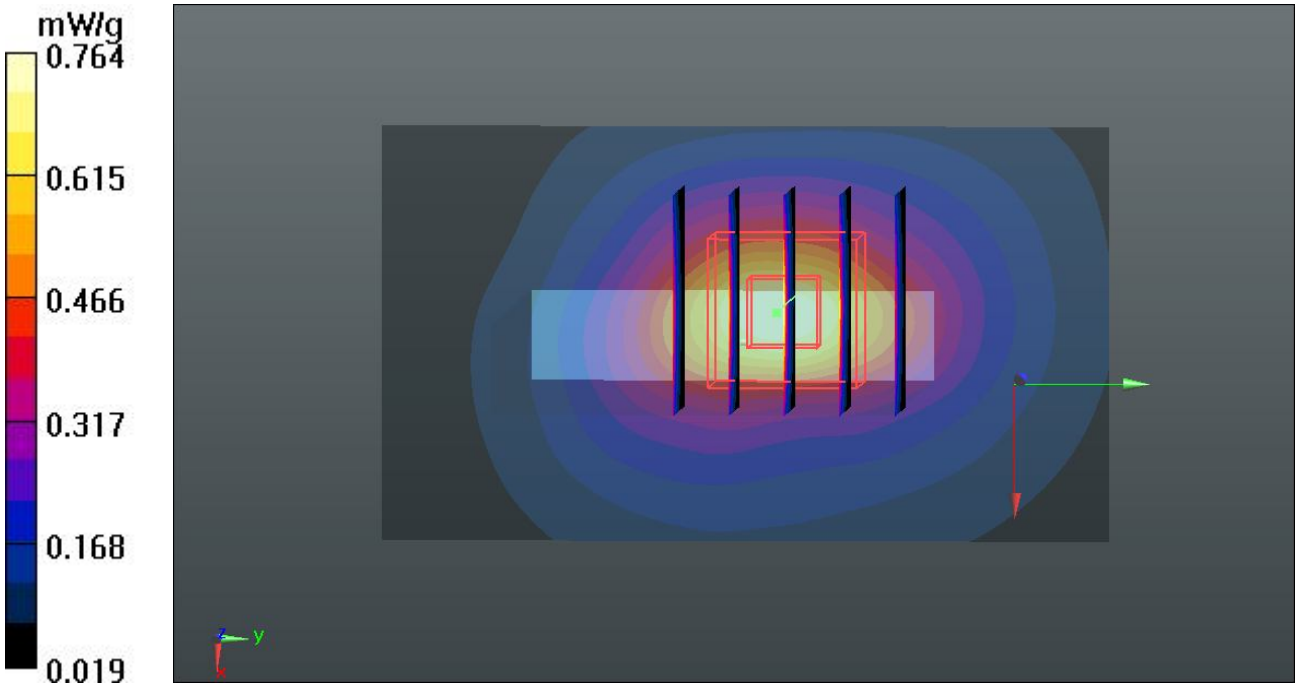
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.764 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.111 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.1350
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.809 mW/g



35 GSM1900_GPRS12_Front_1.0cm_Ch661

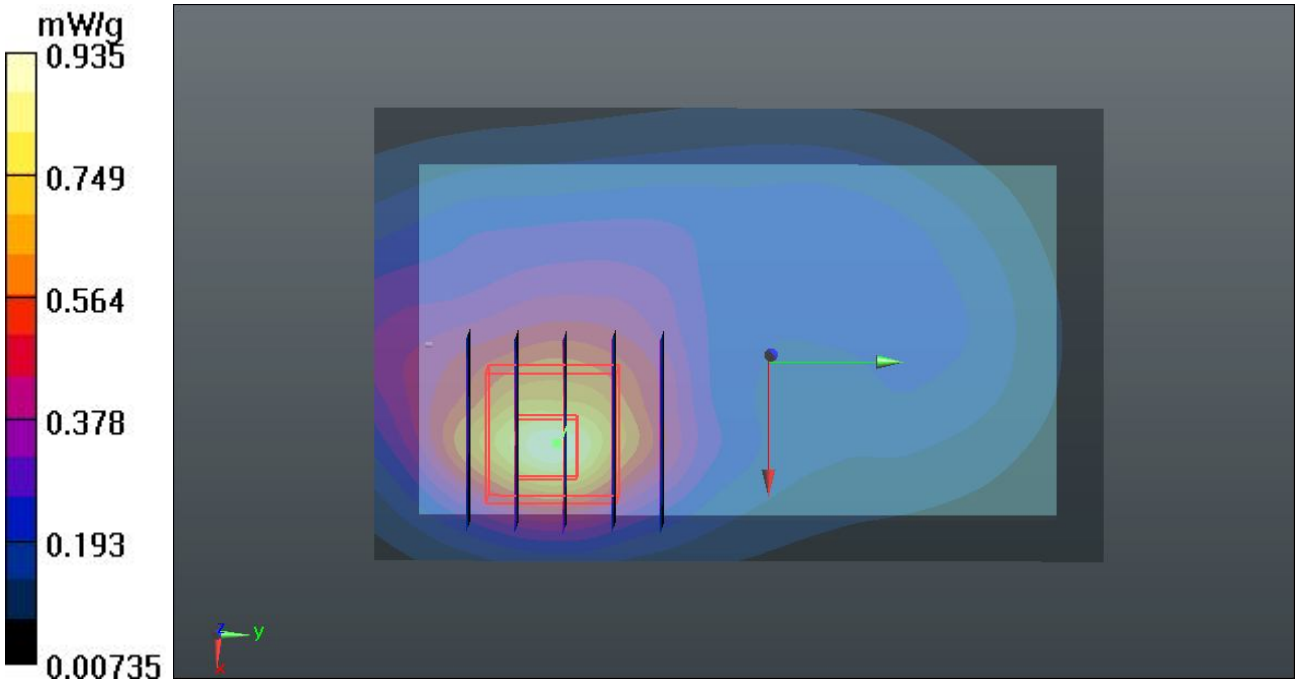
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1880 MHz; σ = 1.515 mho/m; ε_r = 53.028; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.935 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.185 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.3960
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 0.846 mW/g



36 GSM1900_GPRS12_Front_1.0cm_Ch810

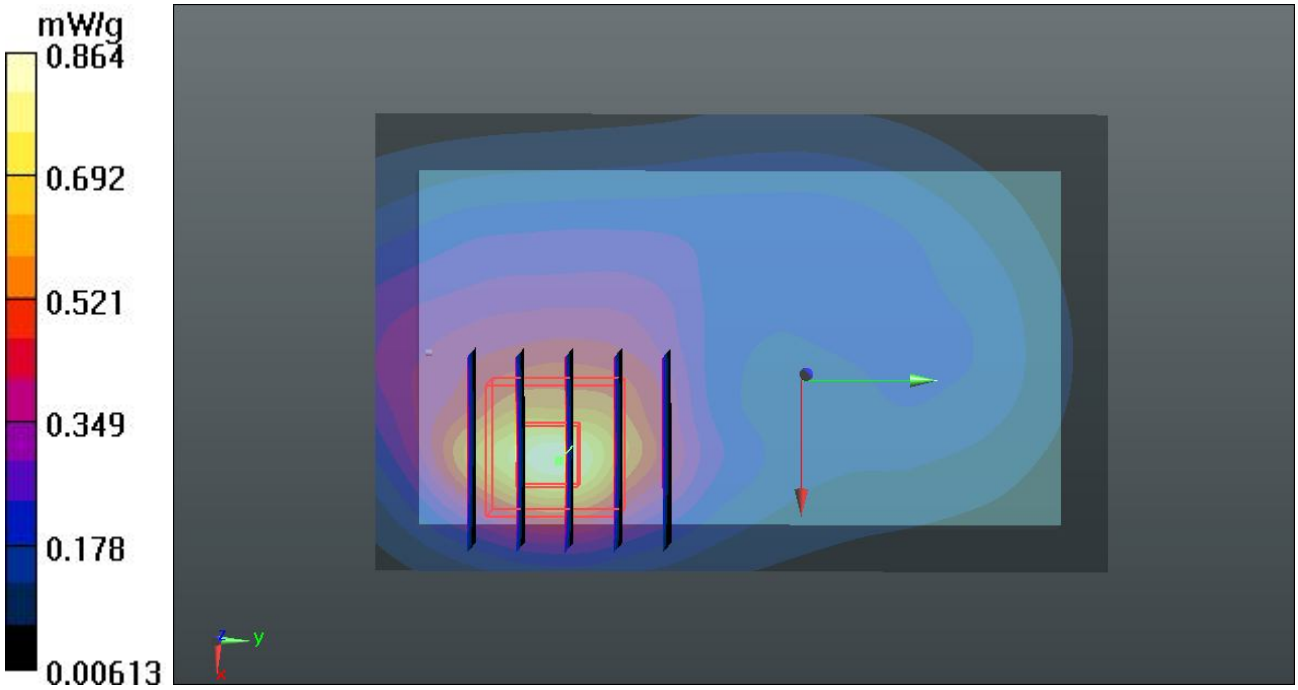
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1910 MHz; σ = 1.549 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.864 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.143 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.4160
SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.833 mW/g



37 GSM1900_GPRS12_Back_1.0cm_Ch661

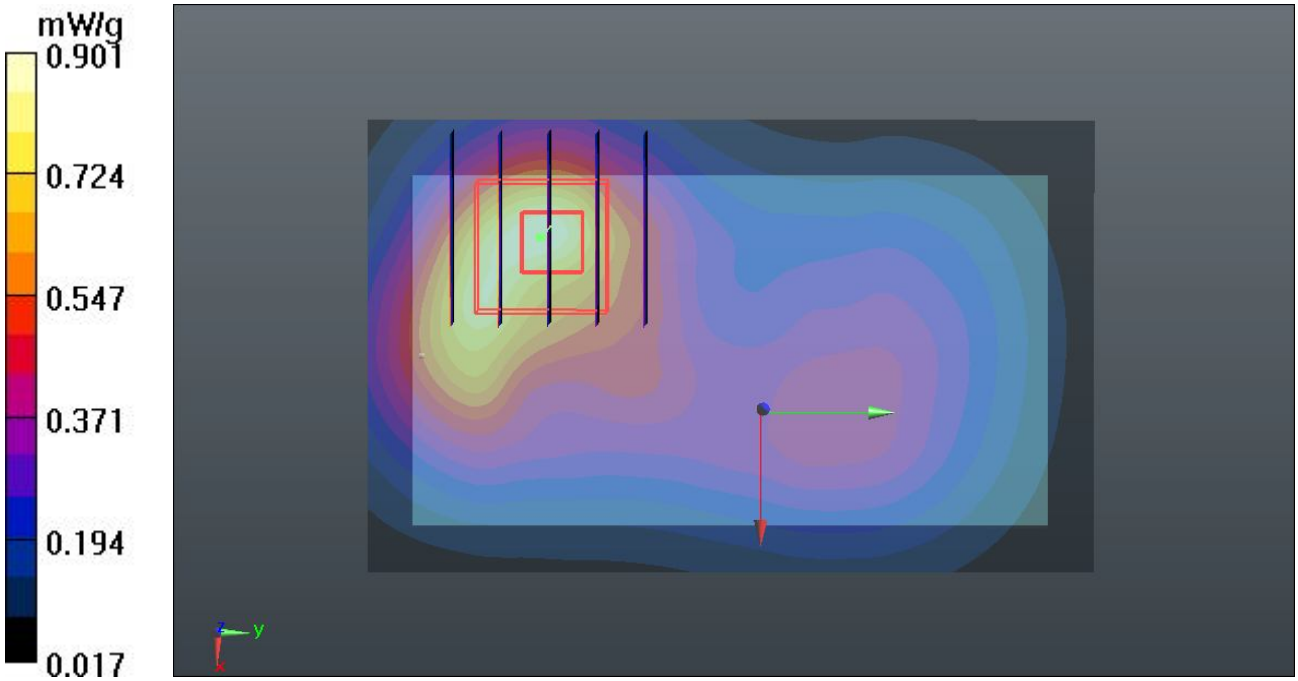
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1880 MHz; σ = 1.515 mho/m; ε_r = 53.028; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.901 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.154 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.4210
SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



38 GSM1900_GPRS12_Back_1.0cm_Ch810

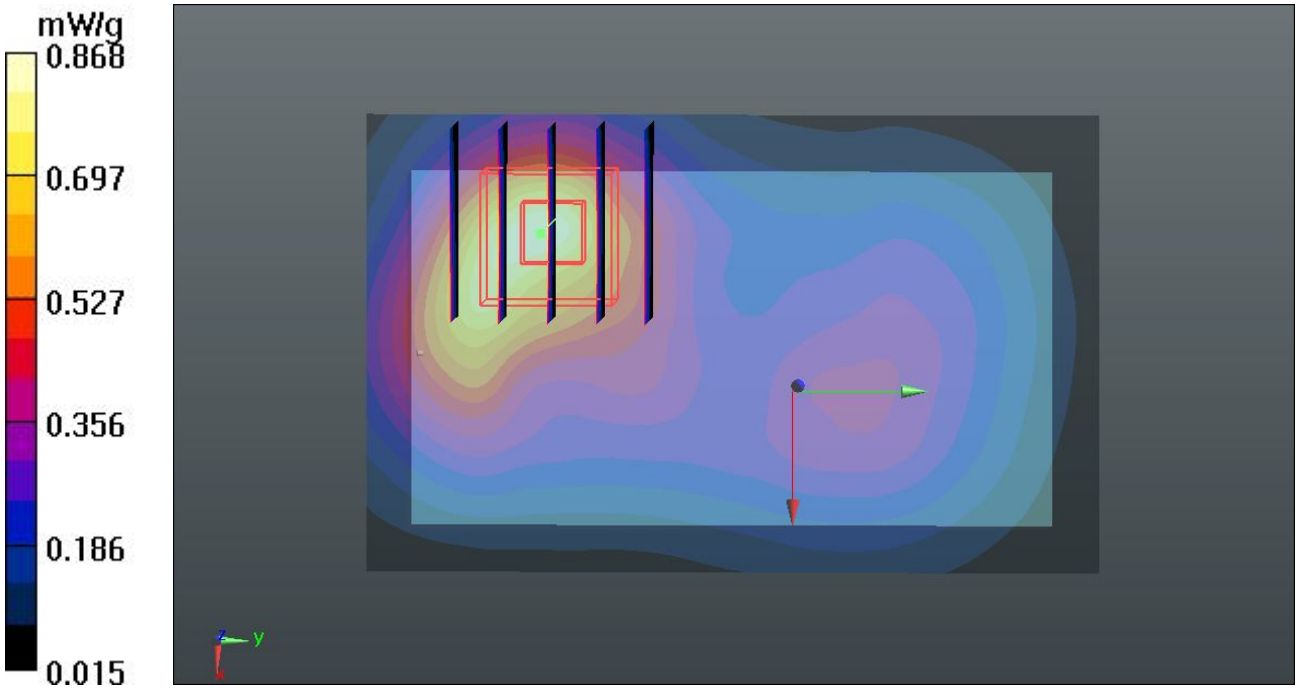
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1910 MHz; σ = 1.549 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.868 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.957 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.3840
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.884 mW/g



39 GSM1900_GPRS12_Front_1.0cm_Ch512_Earphone

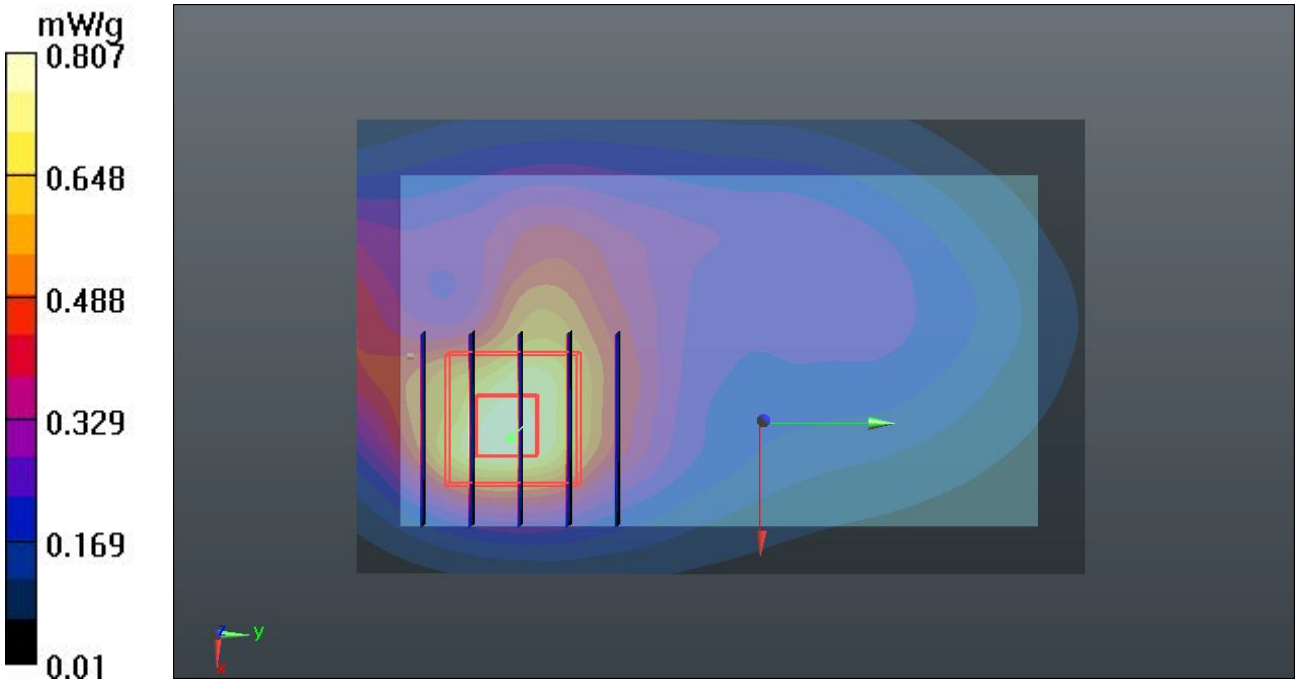
DUT: 231606

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.807 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.653 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.4210
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 0.853 mW/g



40 GSM1900_GPRS12_Back_1.0cm_Ch512_Earphone

DUT: 231606

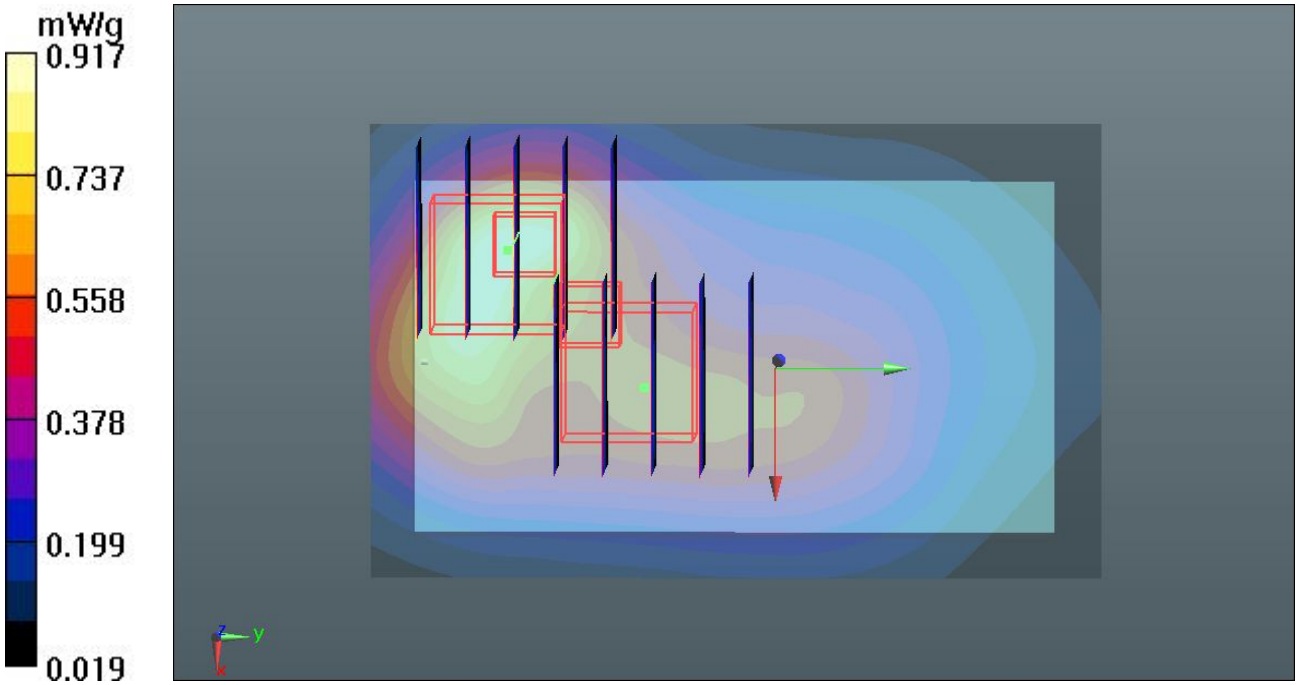
Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120321 Medium parameters used: f = 1850.2 MHz; σ = 1.481 mho/m; ε_r = 53.125; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.917 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.098 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.3940
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 0.864 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.098 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.1500
SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 0.738 mW/g



13 WCDMA V_RMC 12.2K_Front_1.0cm_Ch4182

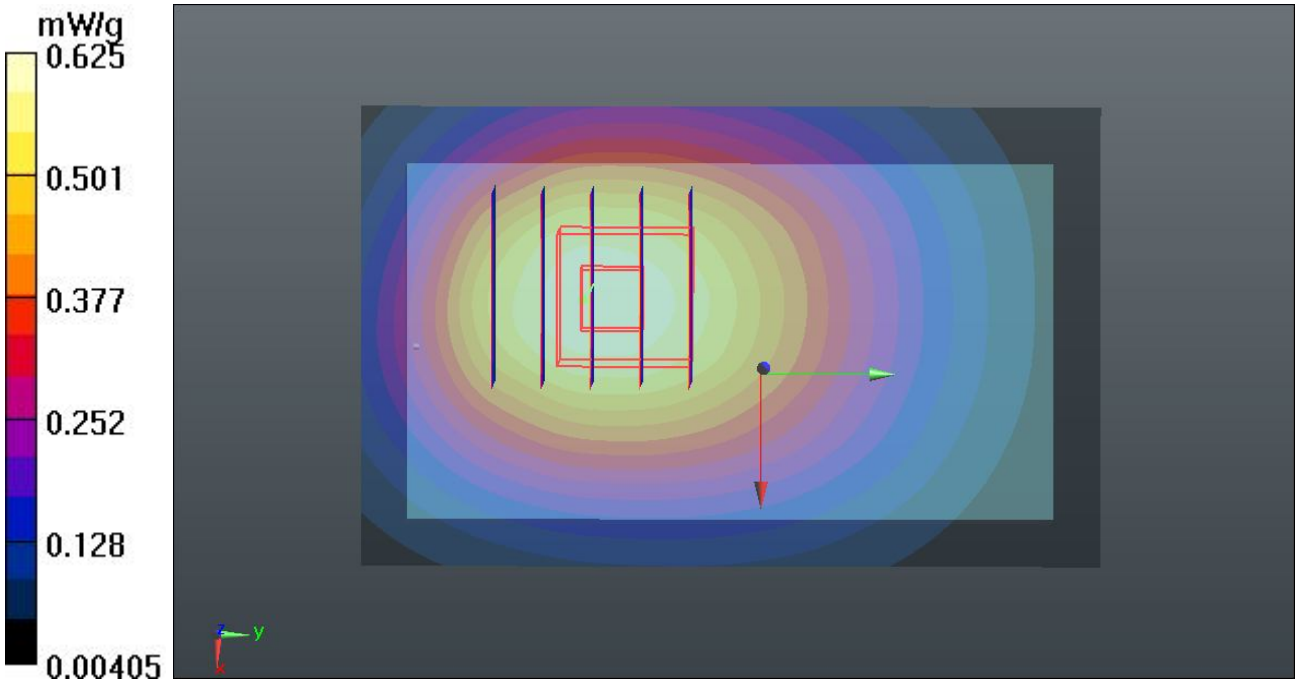
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.546 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.7910
SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.427 mW/g
Maximum value of SAR (measured) = 0.621 mW/g



14 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4182

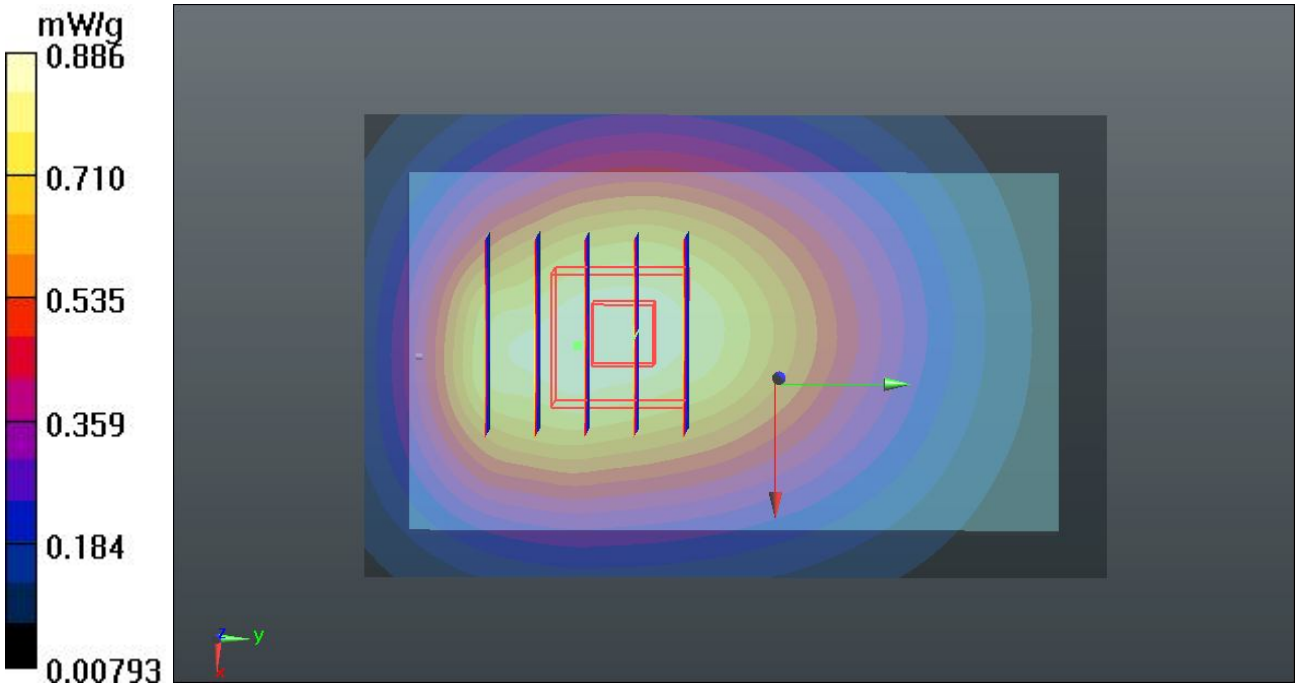
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.886 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.464 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.0950
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.609 mW/g
Maximum value of SAR (measured) = 0.878 mW/g



14 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4182_2D

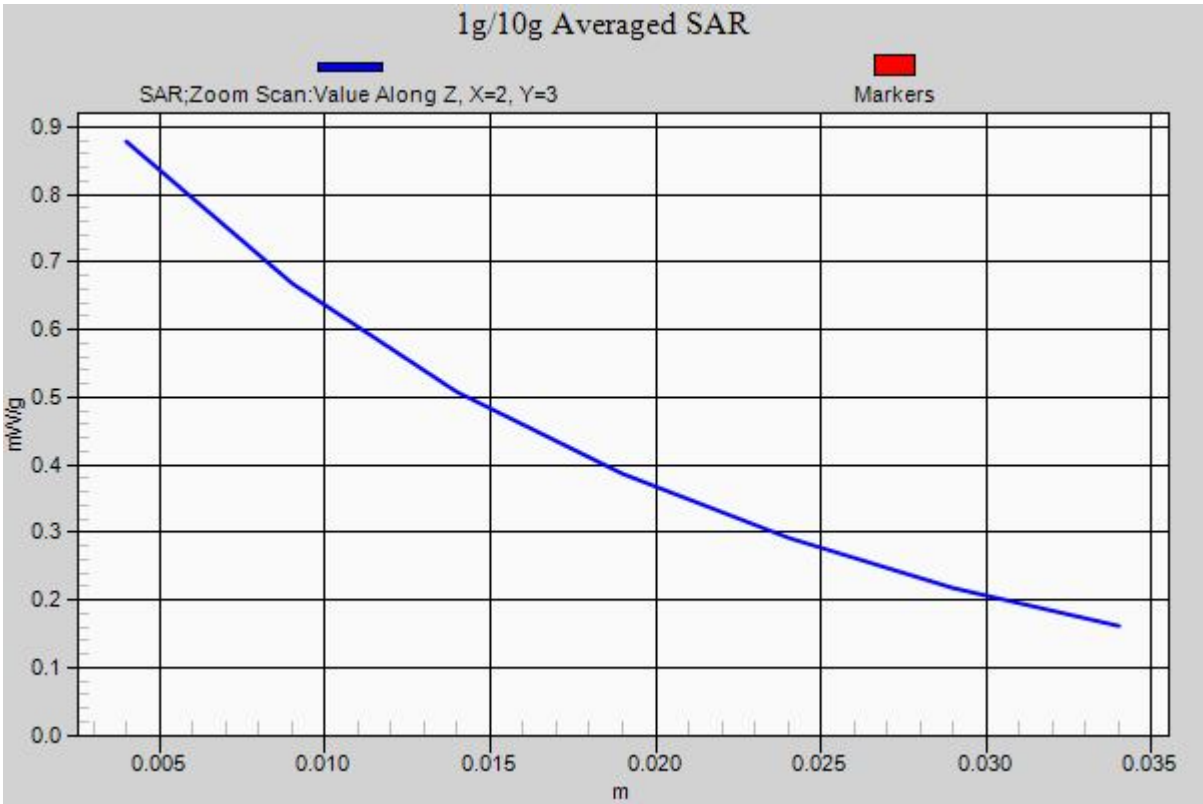
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.886 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.464 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.0950
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.609 mW/g
Maximum value of SAR (measured) = 0.878 mW/g



15 WCDMA V_RMC 12.2K_Left Side_1.0cm_Ch4182

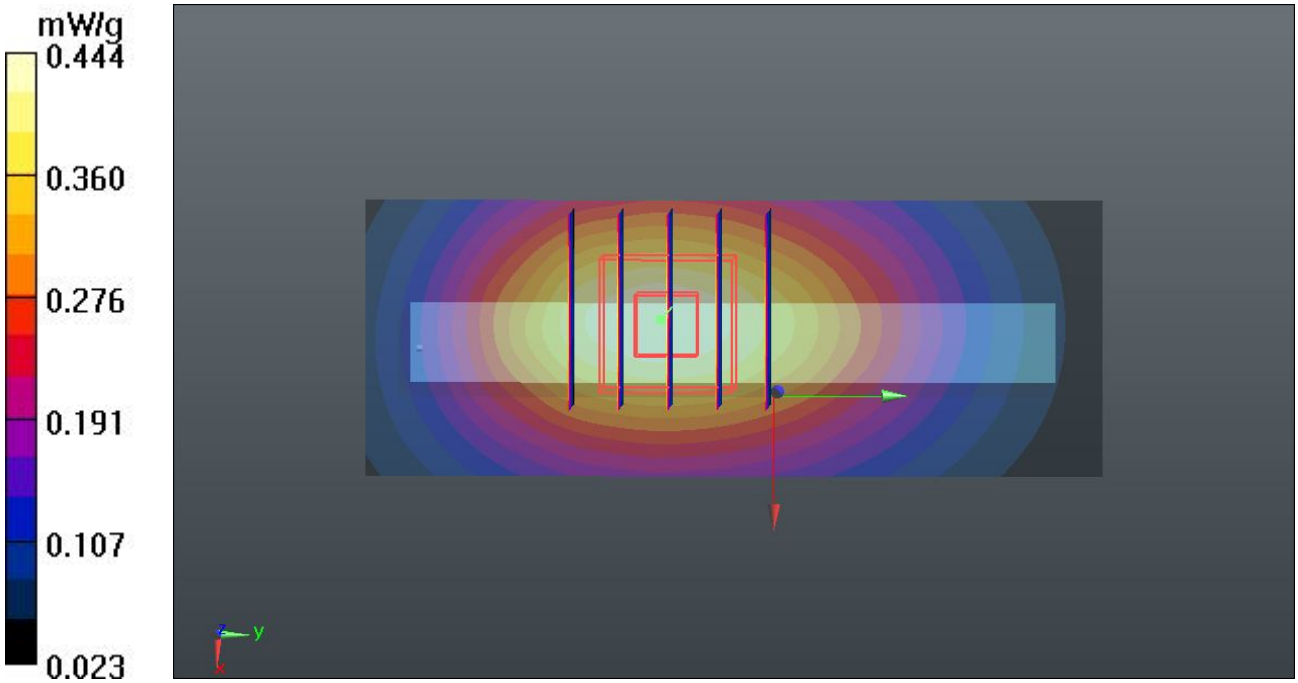
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.444 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.610 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.5890
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.446 mW/g



16 WCDMA V_RMC 12.2K_Right Side_1.0cm_Ch4182

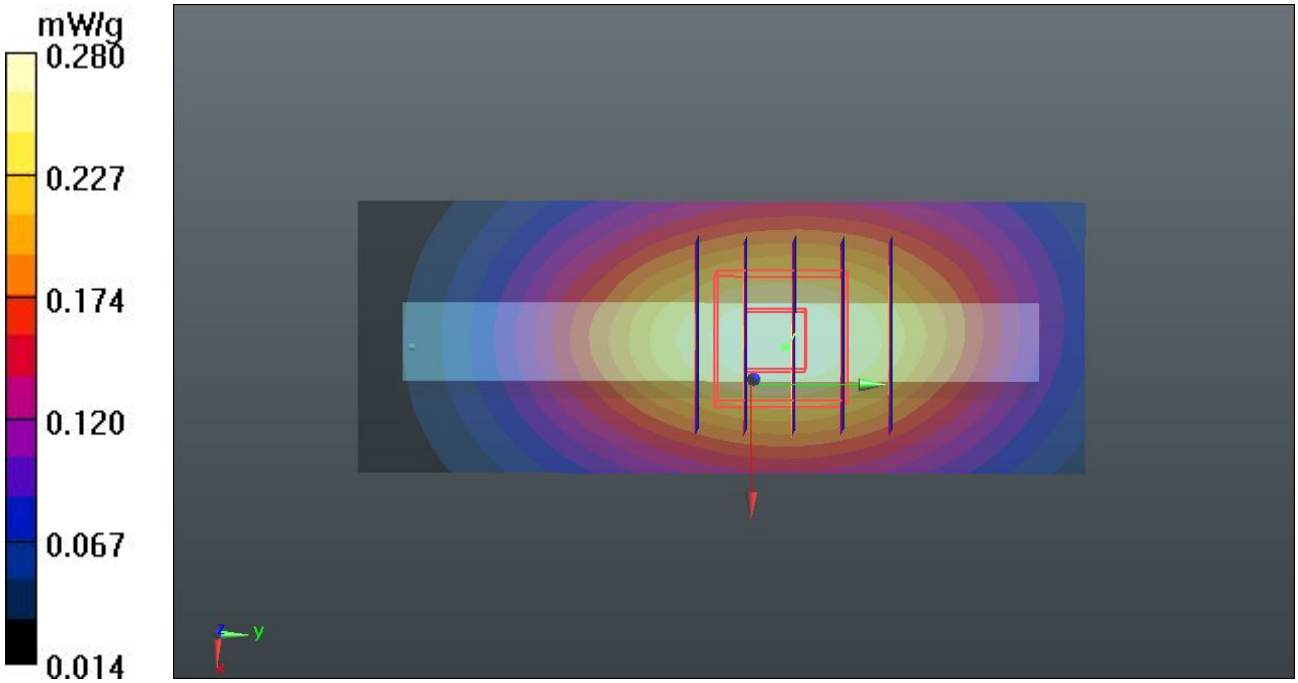
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.280 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.656 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.3750
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.281 mW/g



17 WCDMA V_RMC 12.2K_Top Side_1.0cm_Ch4182

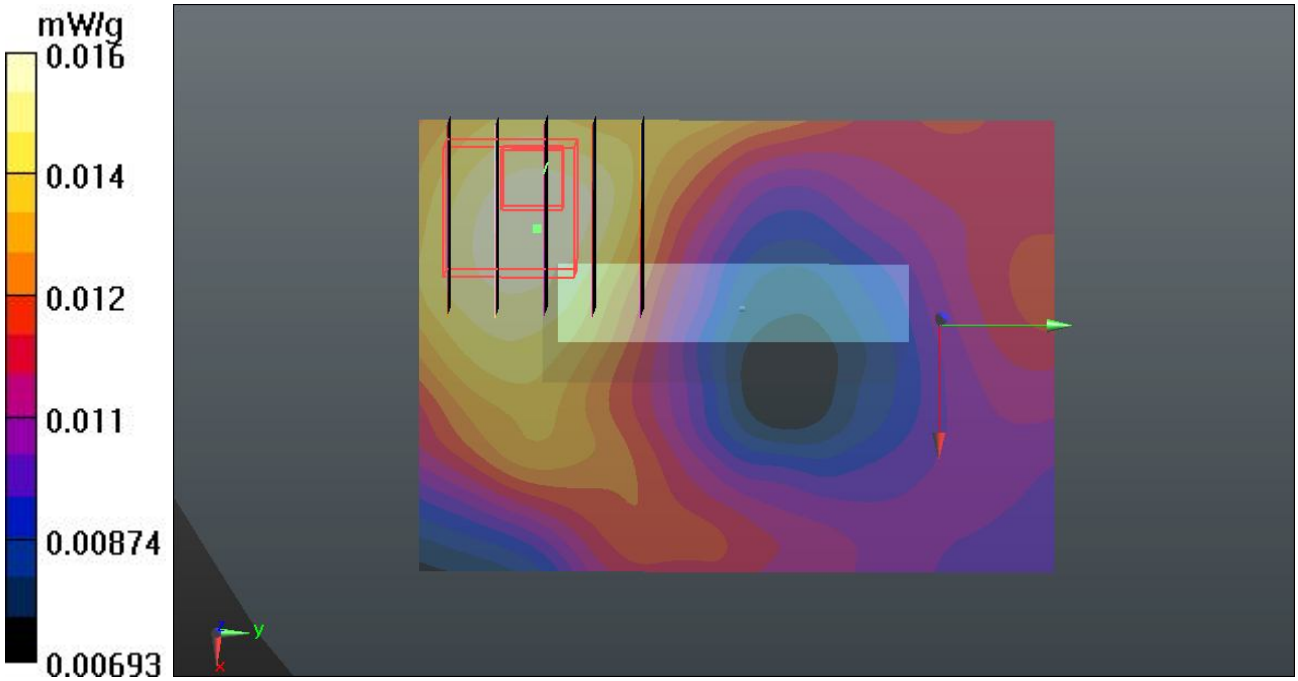
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.016 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.128 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0200
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.016 mW/g



18 WCDMA V_RMC 12.2K_Bottom Side_1.0cm_Ch4182

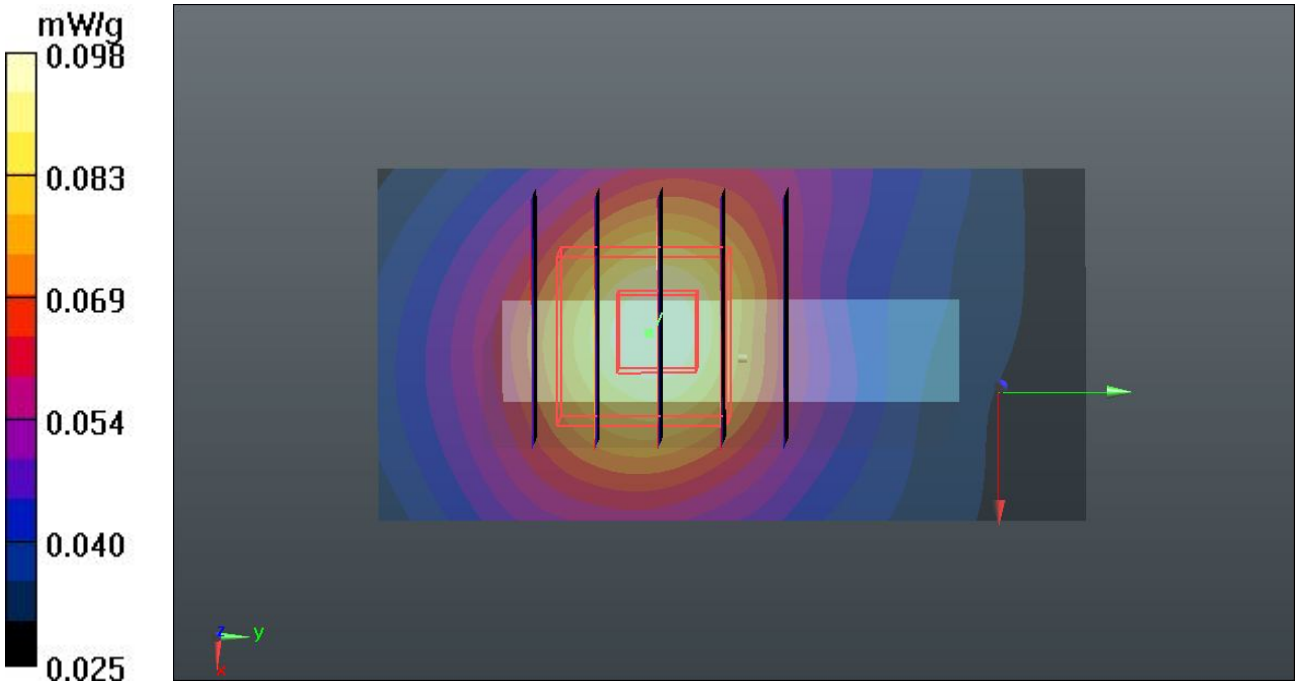
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.098 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.711 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.1440
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



19 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4132

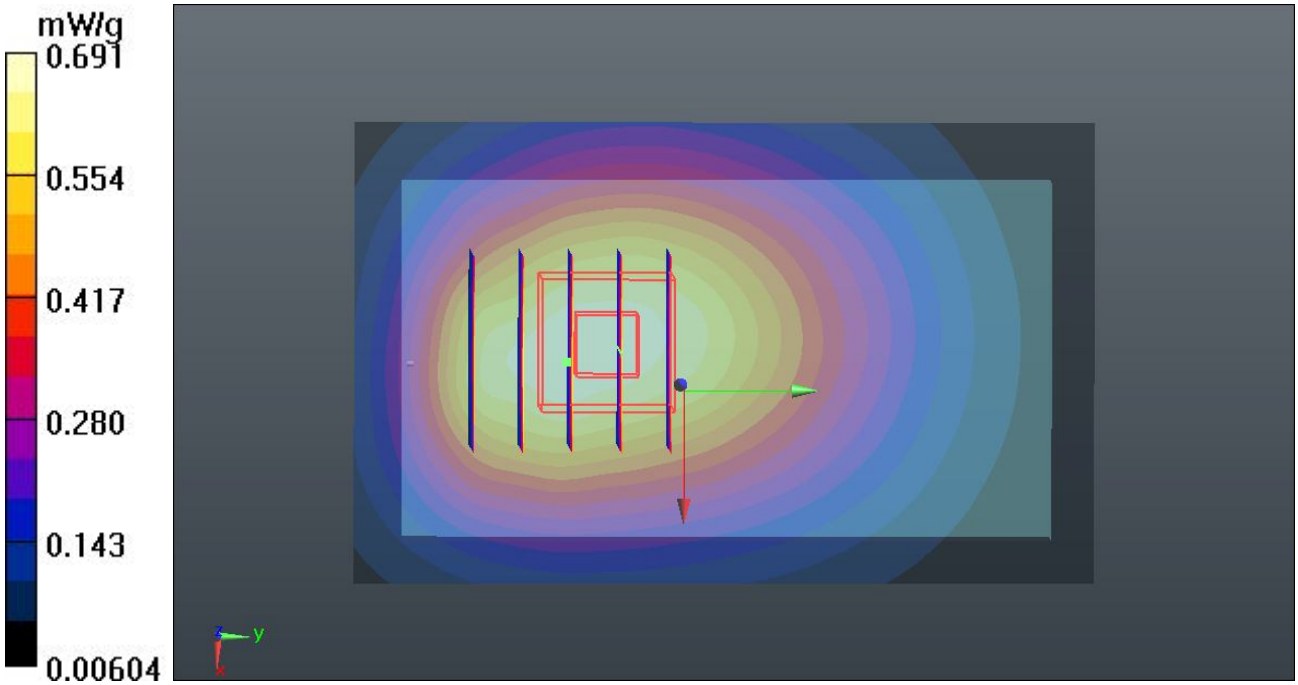
DUT: 231606

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 826.4 MHz; σ = 0.966 mho/m; ε_r = 54.179; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.691 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.264 V/m; Power Drift = -0.0047 dB
Peak SAR (extrapolated) = 0.8430
SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.671 mW/g



20 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4233

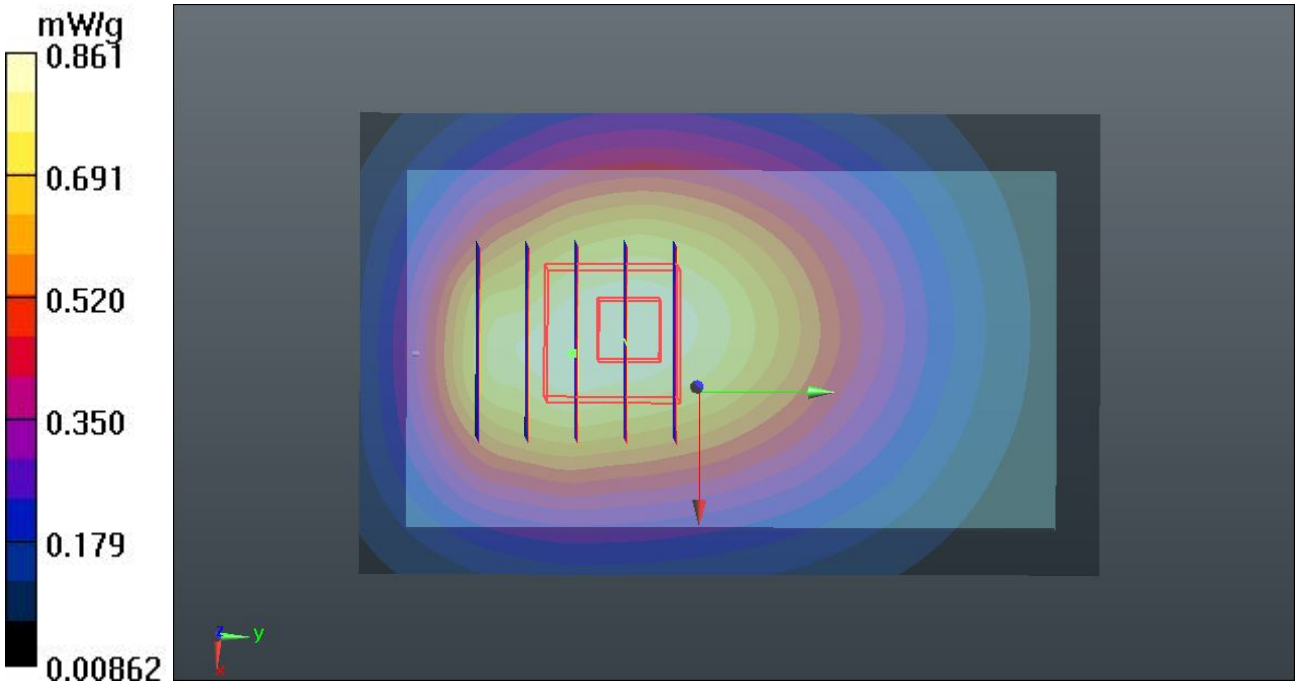
DUT: 231606

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 847 MHz; σ = 0.985 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.861 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.486 V/m; Power Drift = -0.0017 dB
Peak SAR (extrapolated) = 1.0740
SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 0.851 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.03.2012

21 WCDMA V_RMC 12.2K_Front_1.0cm_Ch4182_Earphone

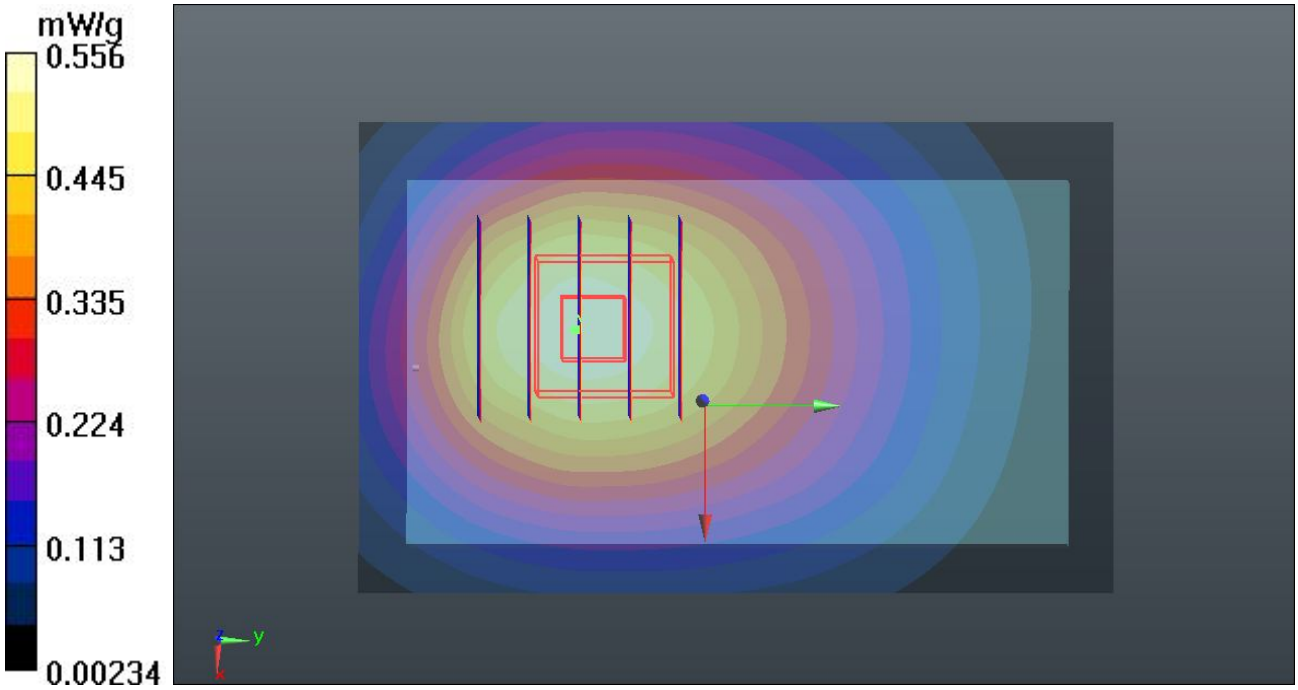
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.556 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.490 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.7050
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.548 mW/g



22 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4182_Earphone

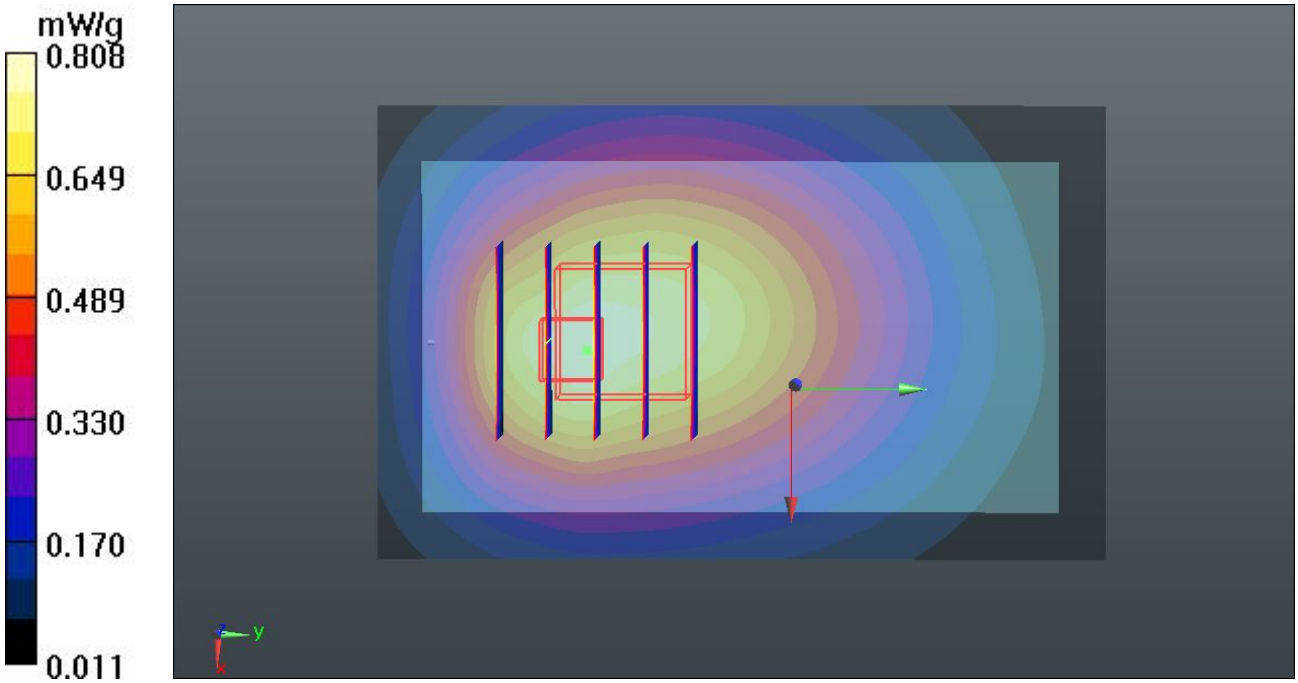
DUT: 231606

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120321 Medium parameters used: f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.808 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.844 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.0170
SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 0.772 mW/g



59 802.11b_Front_1.0cm_Ch6

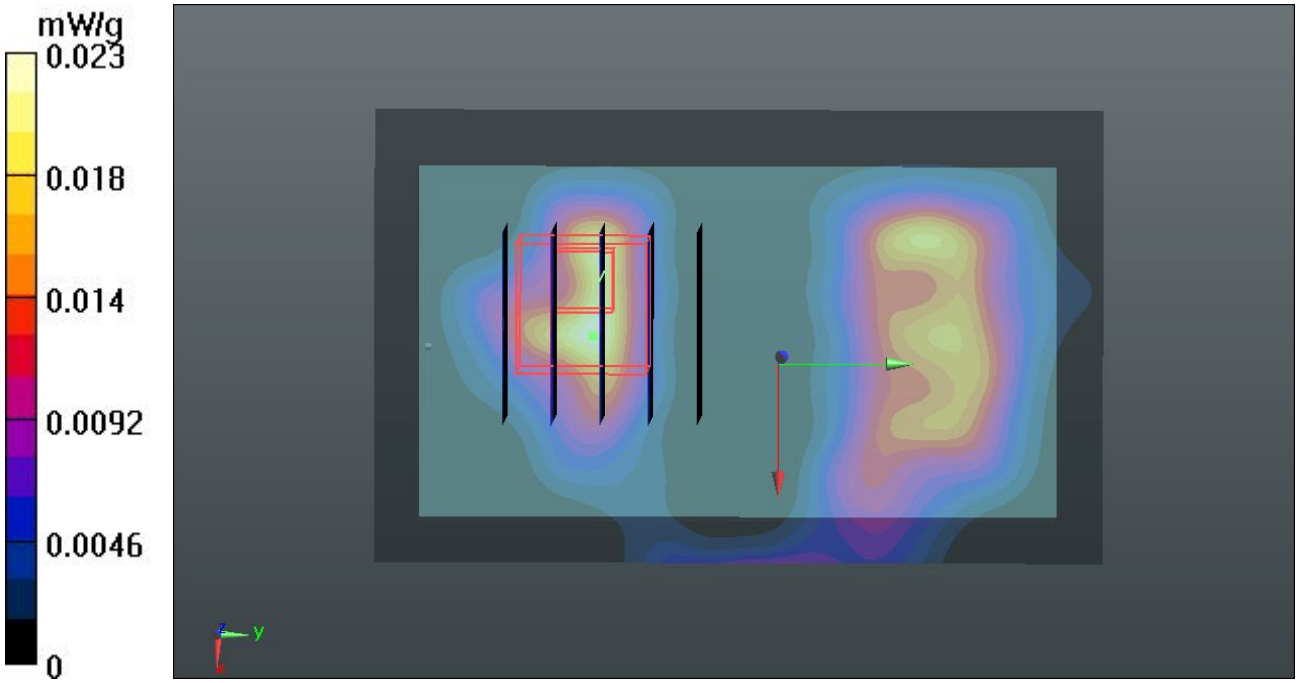
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.023 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.624 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0180
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00498 mW/g
Maximum value of SAR (measured) = 0.011 mW/g



60 802.11b_Back_1.0cm_Ch6

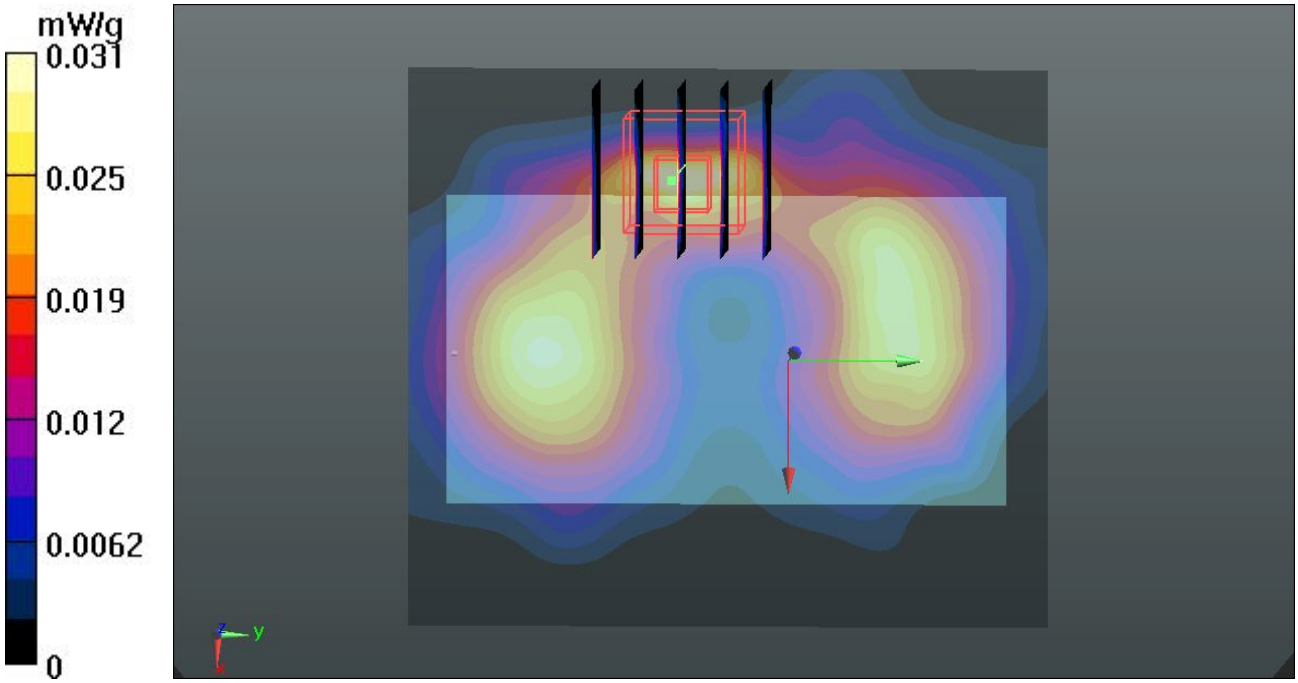
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.031 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.550 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0880
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.036 mW/g



61 802.11b_Left Side_1.0cm_Ch6

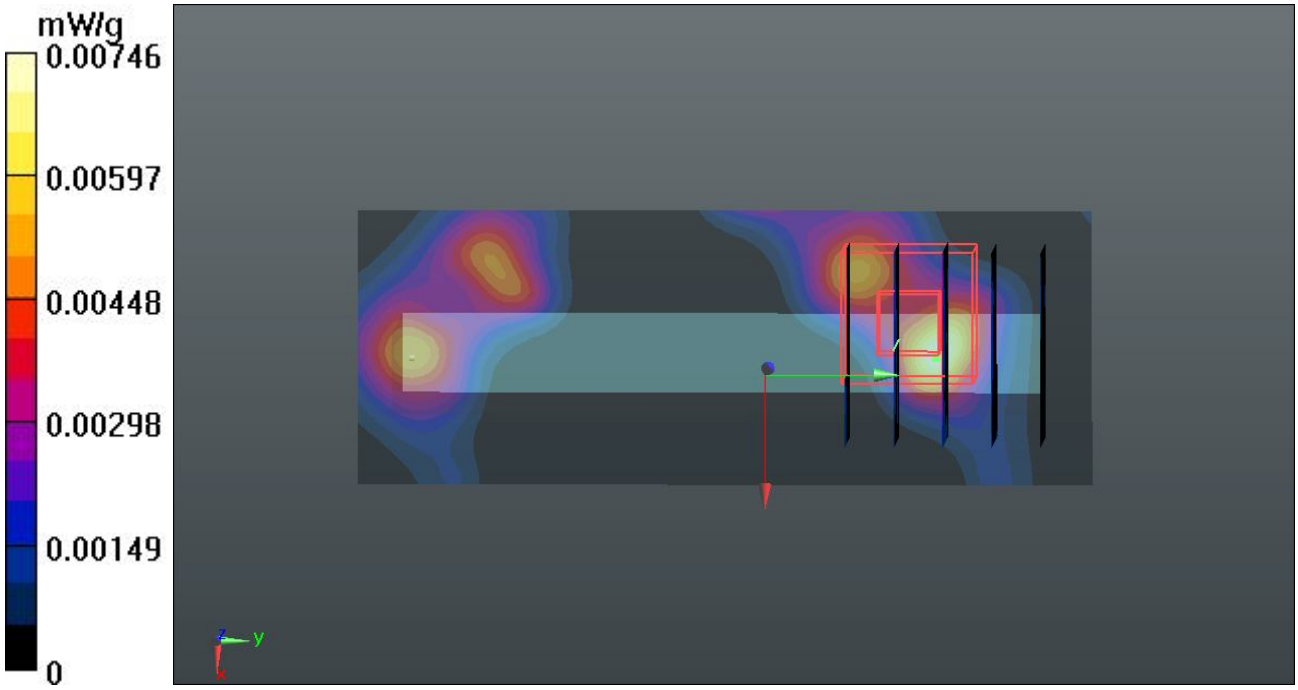
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00746 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.311 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0170
SAR(1 g) = 0.0045 mW/g; SAR(10 g) = 0.00184 mW/g
Maximum value of SAR (measured) = 0.00441 mW/g



62 802.11b_Right Side_1.0cm_Ch6

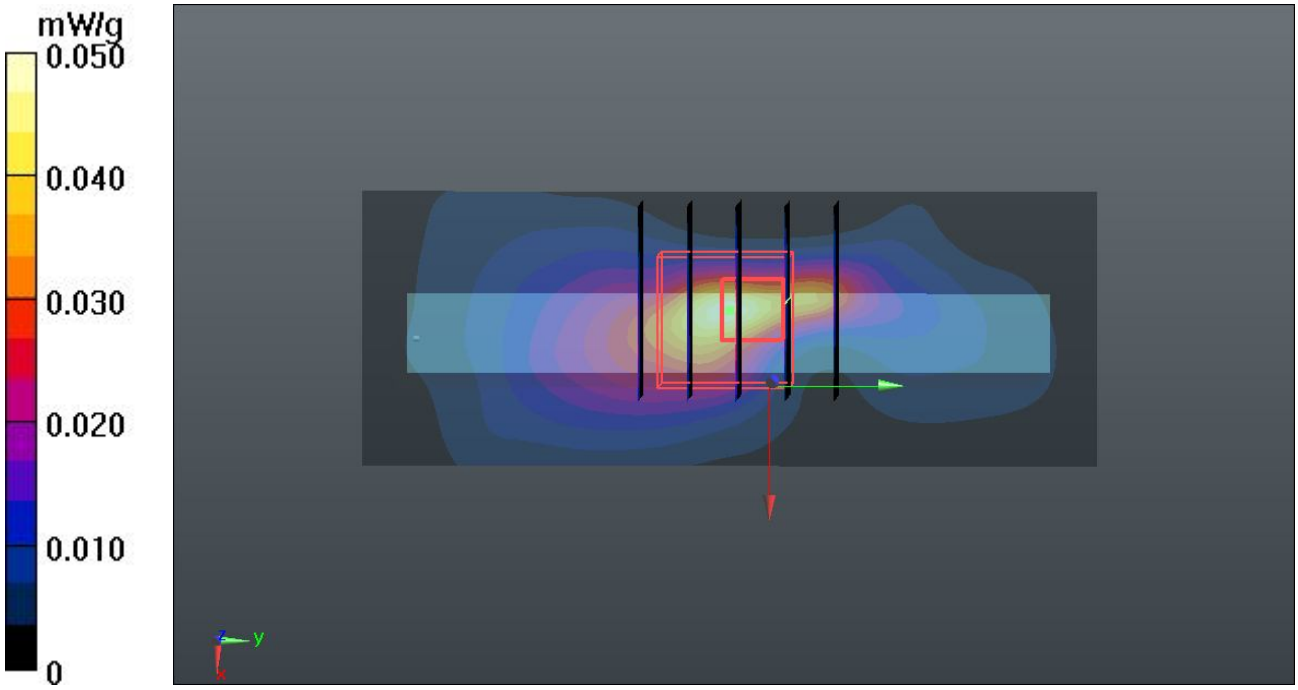
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.050 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.471 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0590
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.041 mW/g



62 802.11b_Right Side_1.0cm_Ch6_2D

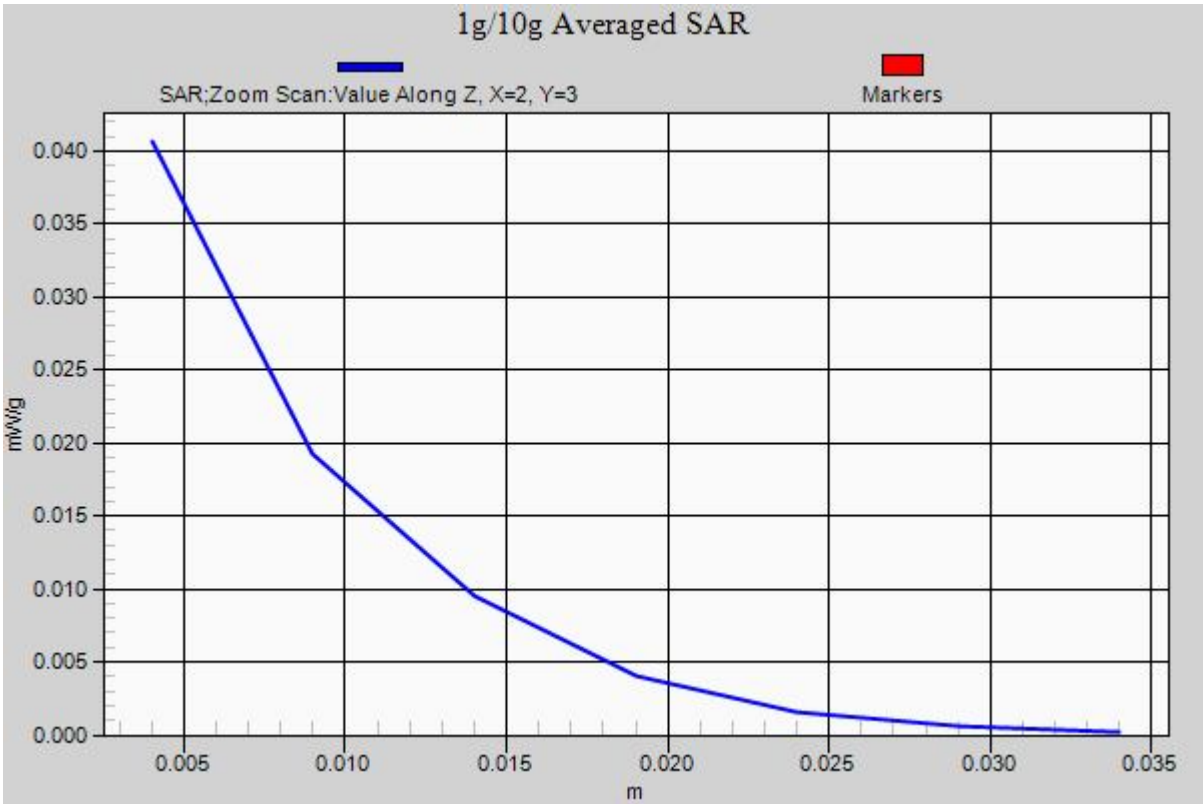
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.050 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.471 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0590
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.041 mW/g



63 802.11b_Top Side_1.0cm_Ch6

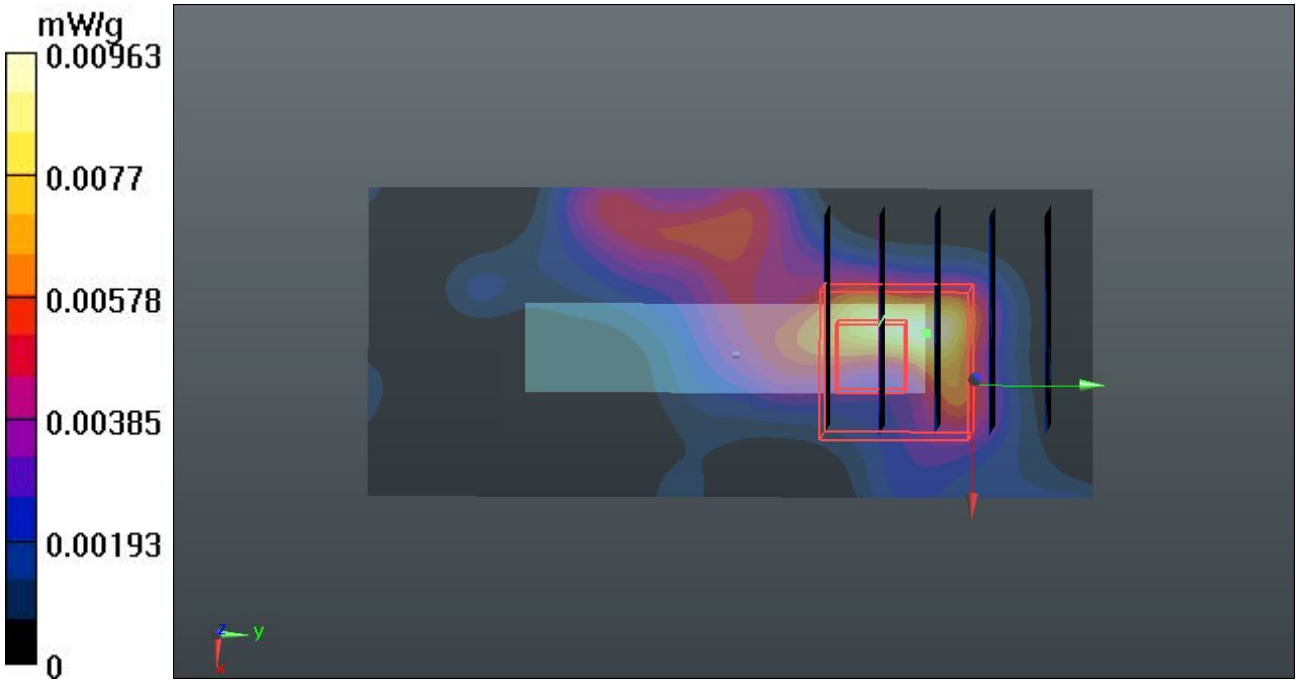
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00963 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.231 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0130
SAR(1 g) = 0.00455 mW/g; SAR(10 g) = 0.00145 mW/g
Maximum value of SAR (measured) = 0.0047 mW/g



64 802.11b_Bottom Side_1.0cm_Ch6

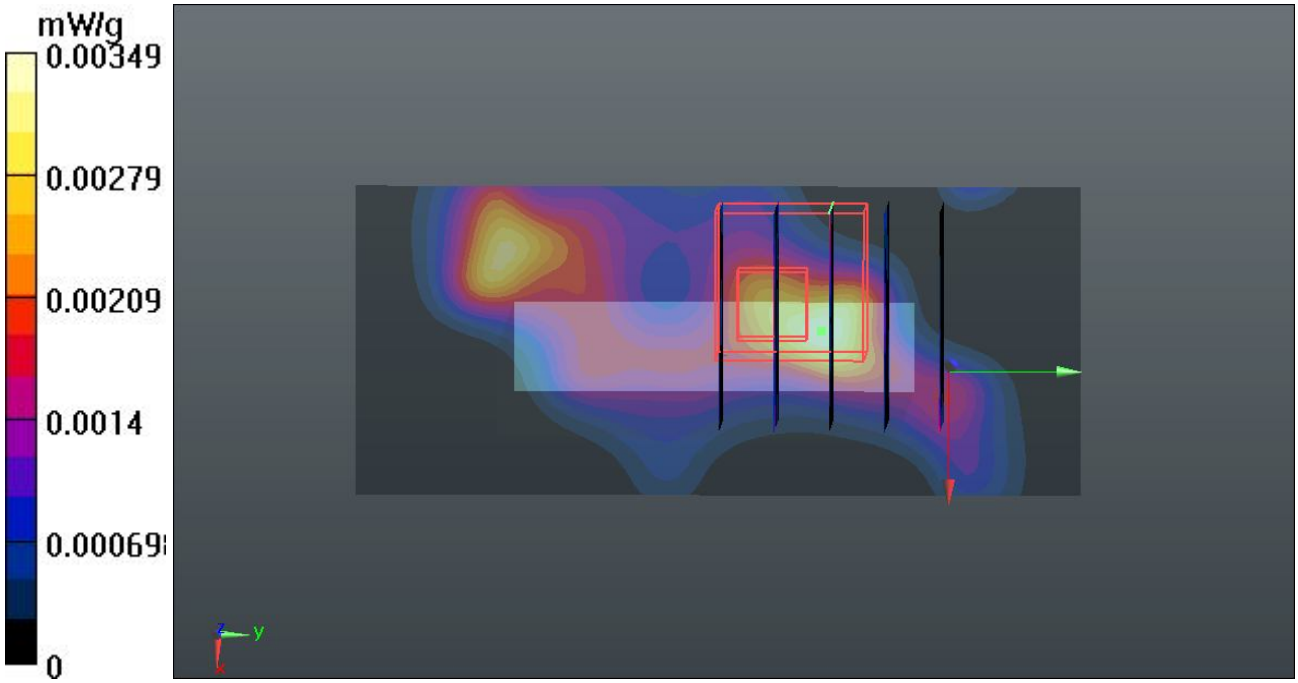
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00349 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.759 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.008750
SAR(1 g) = 0.00182 mW/g; SAR(10 g) = 0.000436 mW/g
Maximum value of SAR (measured) = 0.00268 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 30.03.2012

65 802.11b_Front_1.0cm_Ch6_Earphone

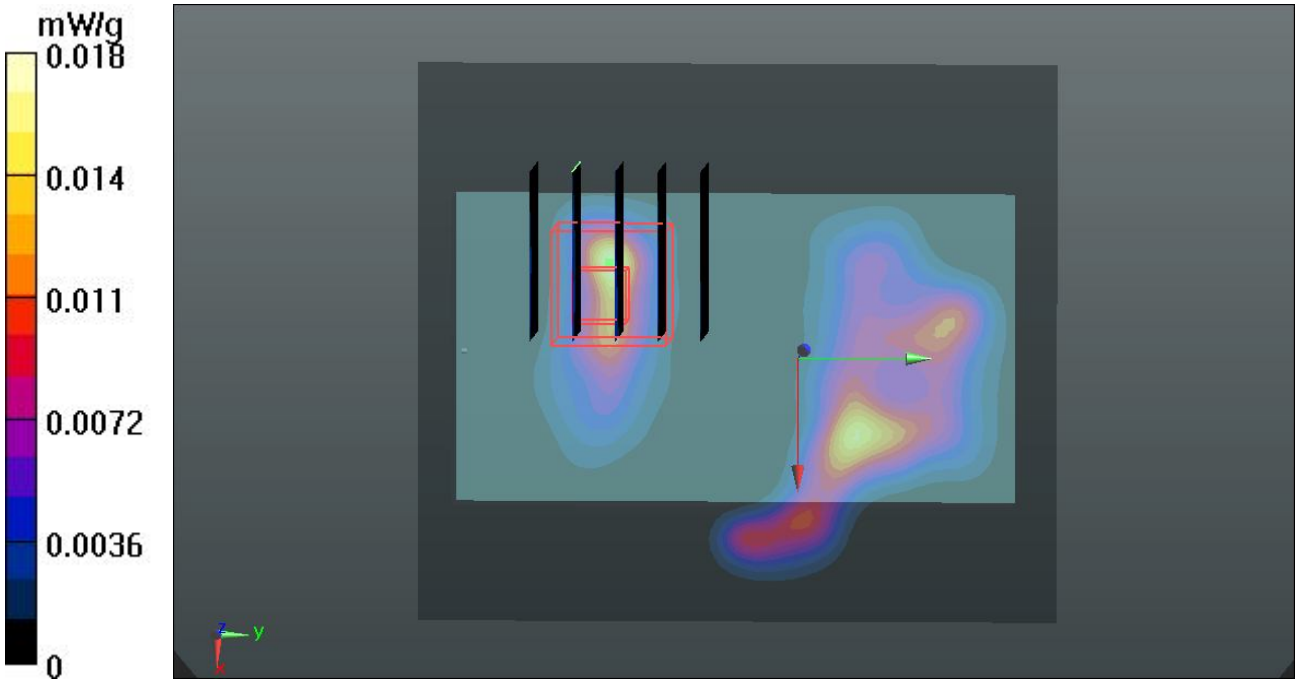
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.018 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.342 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0200
SAR(1 g) = 0.00554 mW/g; SAR(10 g) = 0.00206 mW/g
Maximum value of SAR (measured) = 0.00643 mW/g



66 802.11b_Back_1.0cm_Ch6_Earphone

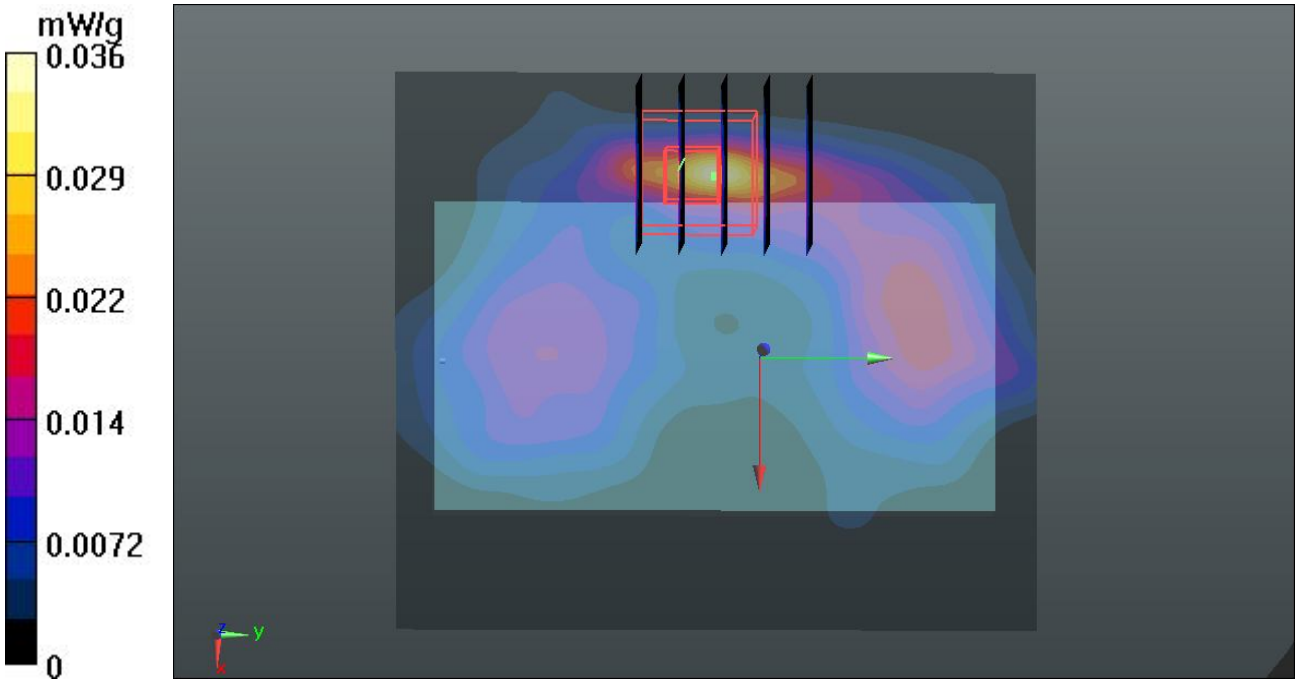
DUT: 231606

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120330 Medium parameters used: f = 2437 MHz; σ = 1.949 mho/m; ε_r = 54.149; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.036 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.079 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0450
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00981 mW/g
Maximum value of SAR (measured) = 0.031 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 30.03.2012

67 BT_Back_1.0cm_Ch39_DH5

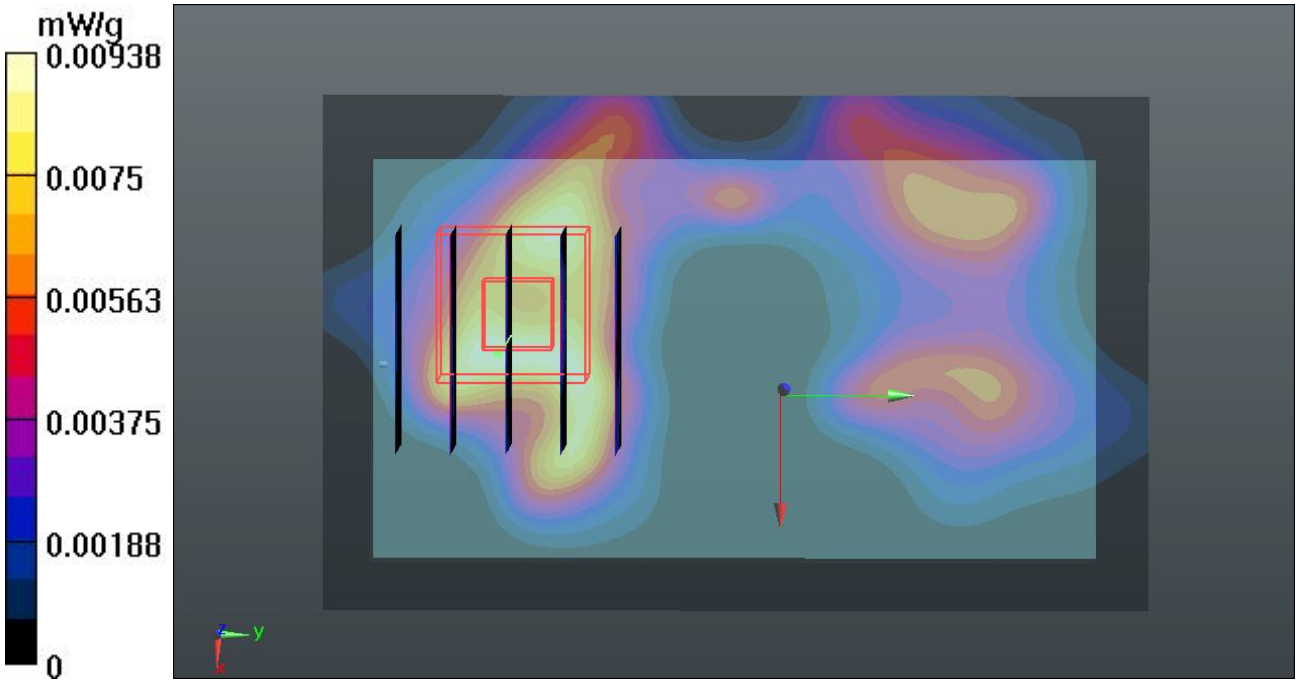
DUT: 231606

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.5
Medium: MSL_2450_120330 Medium parameters used: f = 2441 MHz; σ = 1.957 mho/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch39/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00938 mW/g

Ch39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.714 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0160
SAR(1 g) = 0.00682 mW/g; SAR(10 g) = 0.00284 mW/g
Maximum value of SAR (measured) = 0.00764 mW/g

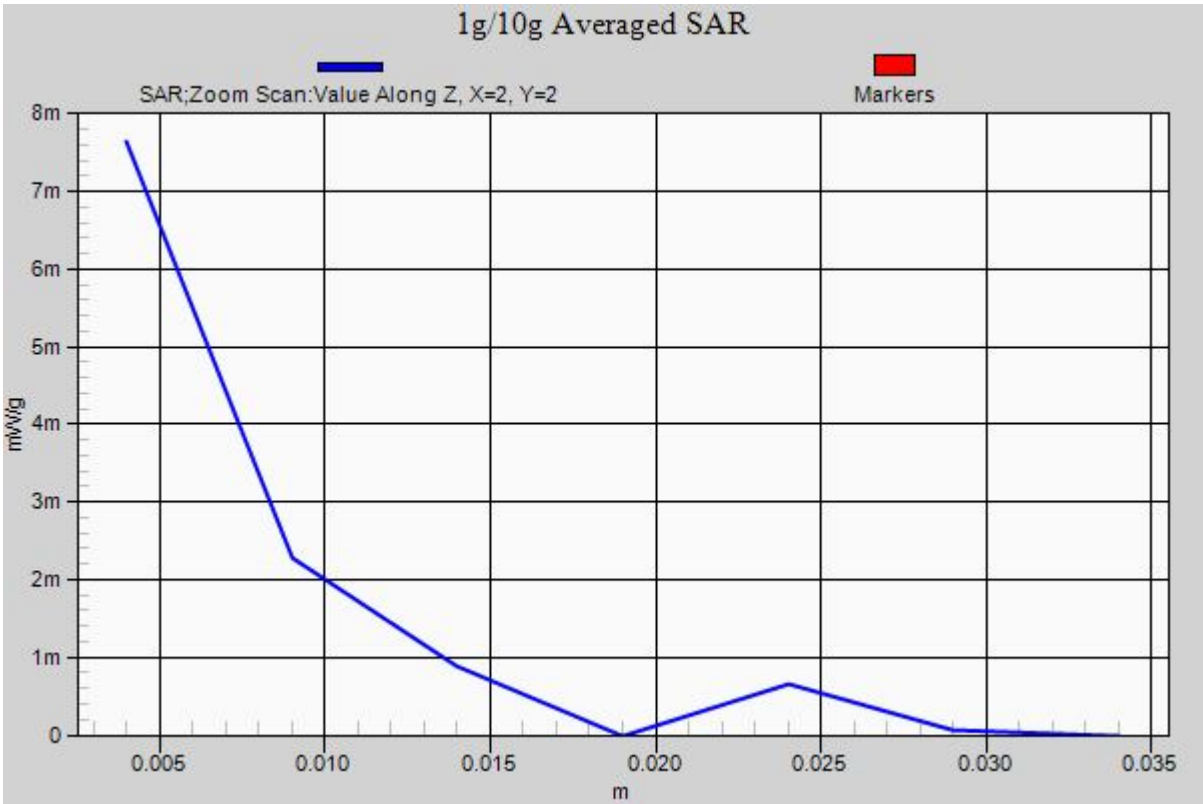


67 BT_Back_1.0cm_Ch39_DH5_2D

DUT: 231606

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.5
Medium: MSL_2450_120330 Medium parameters used: f = 2441 MHz; σ = 1.957 mho/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch39/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00938 mW/g

Ch39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.714 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0160
SAR(1 g) = 0.00682 mW/g; SAR(10 g) = 0.00284 mW/g
Maximum value of SAR (measured) = 0.00764 mW/g