#01 GSM850_Right Cheek_Ch251

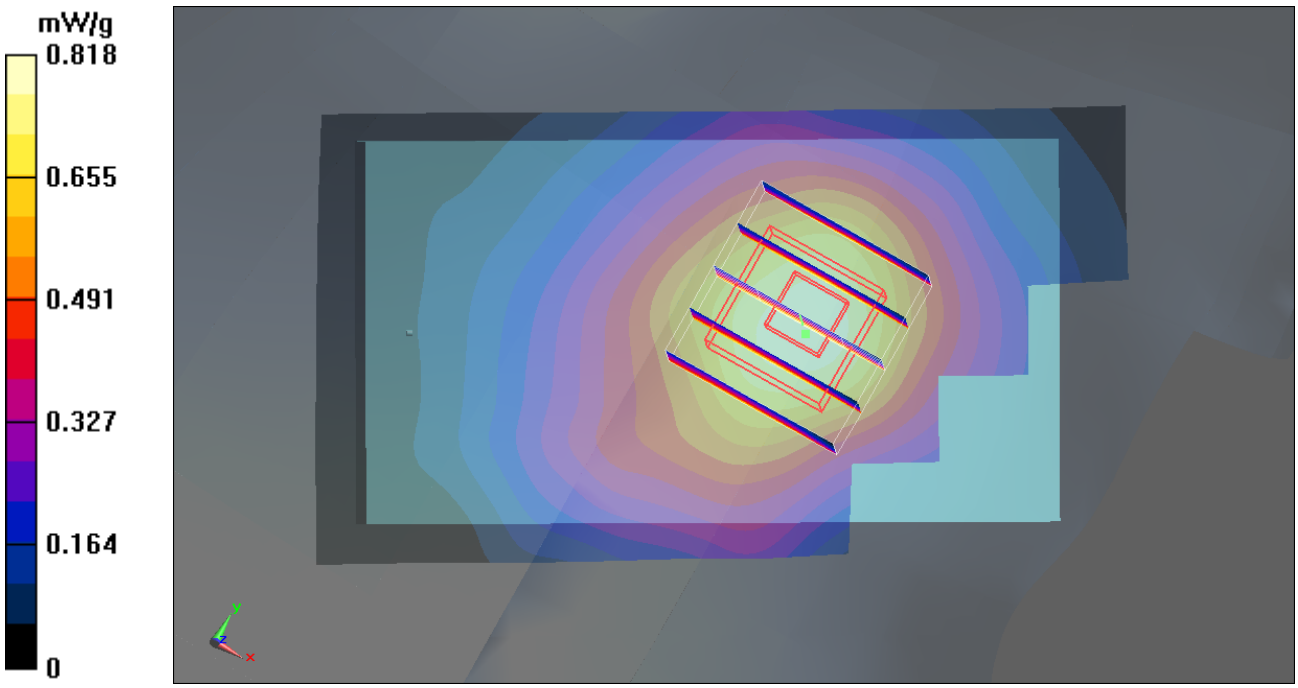
DUT: 092901

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110114 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): 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 = 8.79 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 0.809 mW/g


mW/g
0.818
0.655
0.491
0.327
0.164
0

#01 GSM850_Right Cheek_Ch251_2D

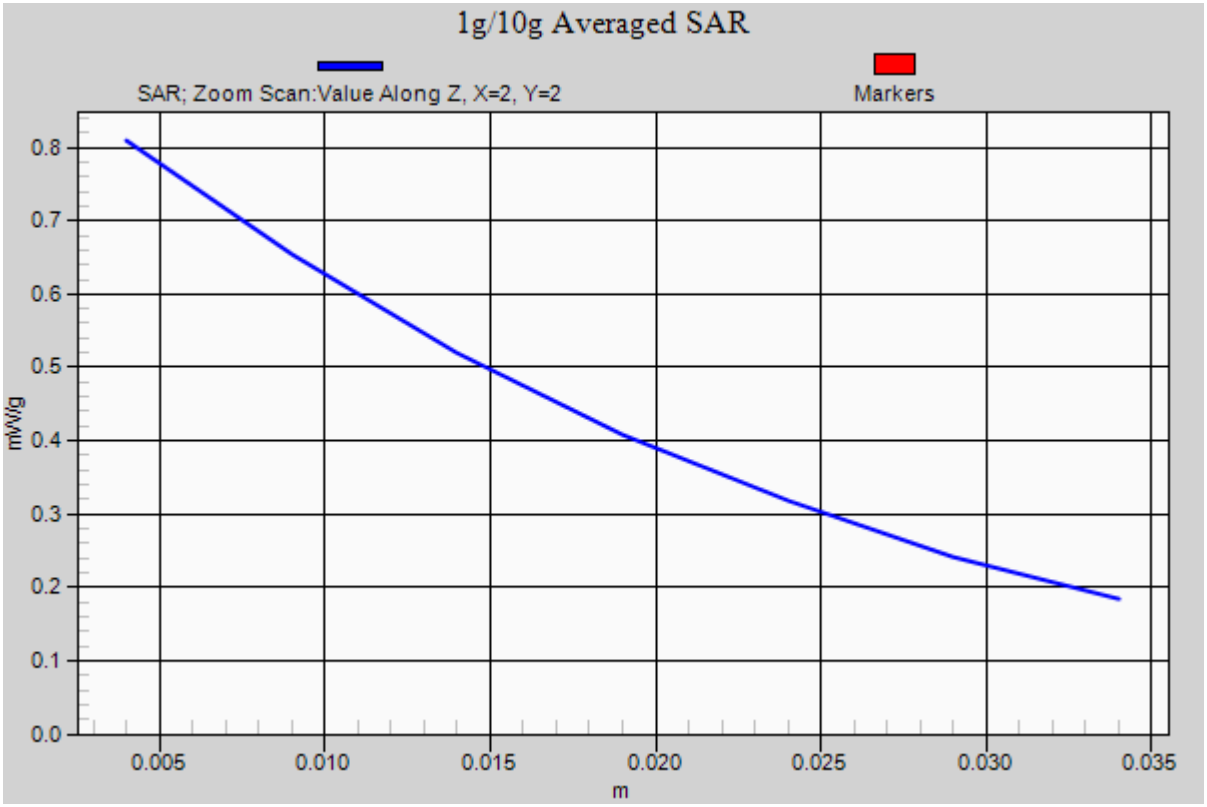
DUT: 092901

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110114 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): 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 = 8.79 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 0.809 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#02 GSM850_Right Tilted_Ch251

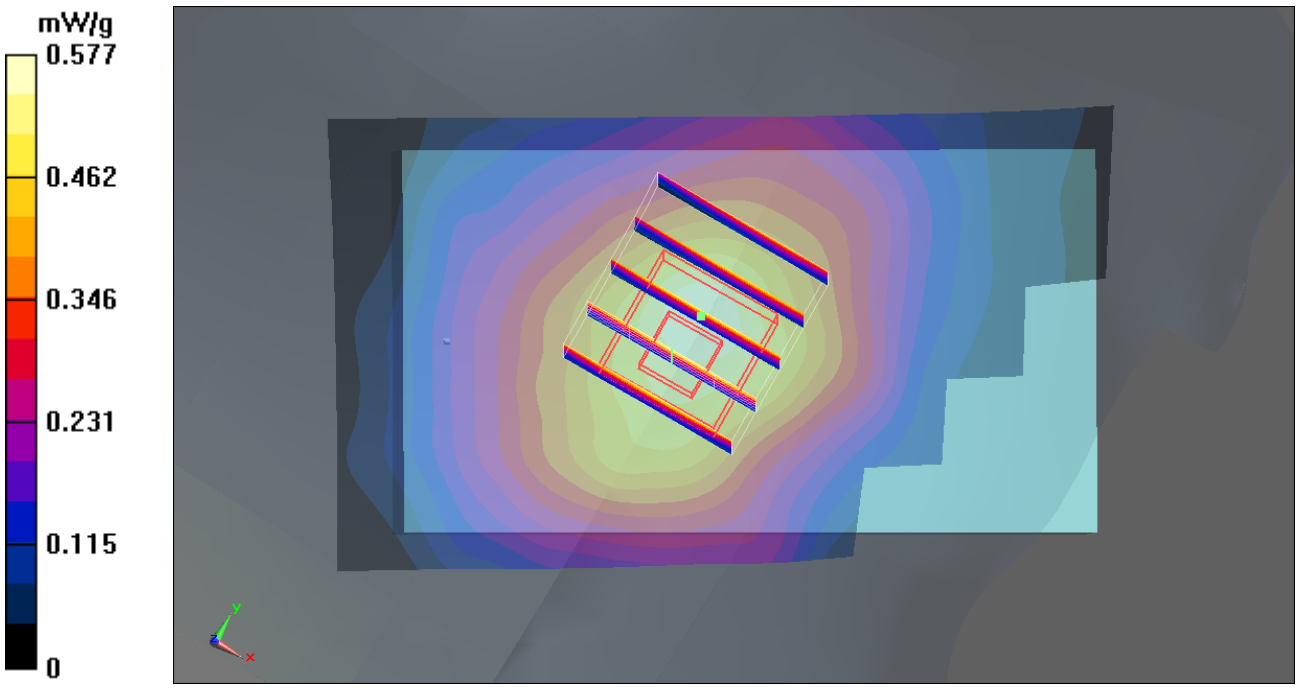
DUT: 092901

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110114 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.577 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.547 mW/g


mW/g
0.577
0.462
0.346
0.231
0.115
0

#03 GSM850_Left Cheek_Ch251

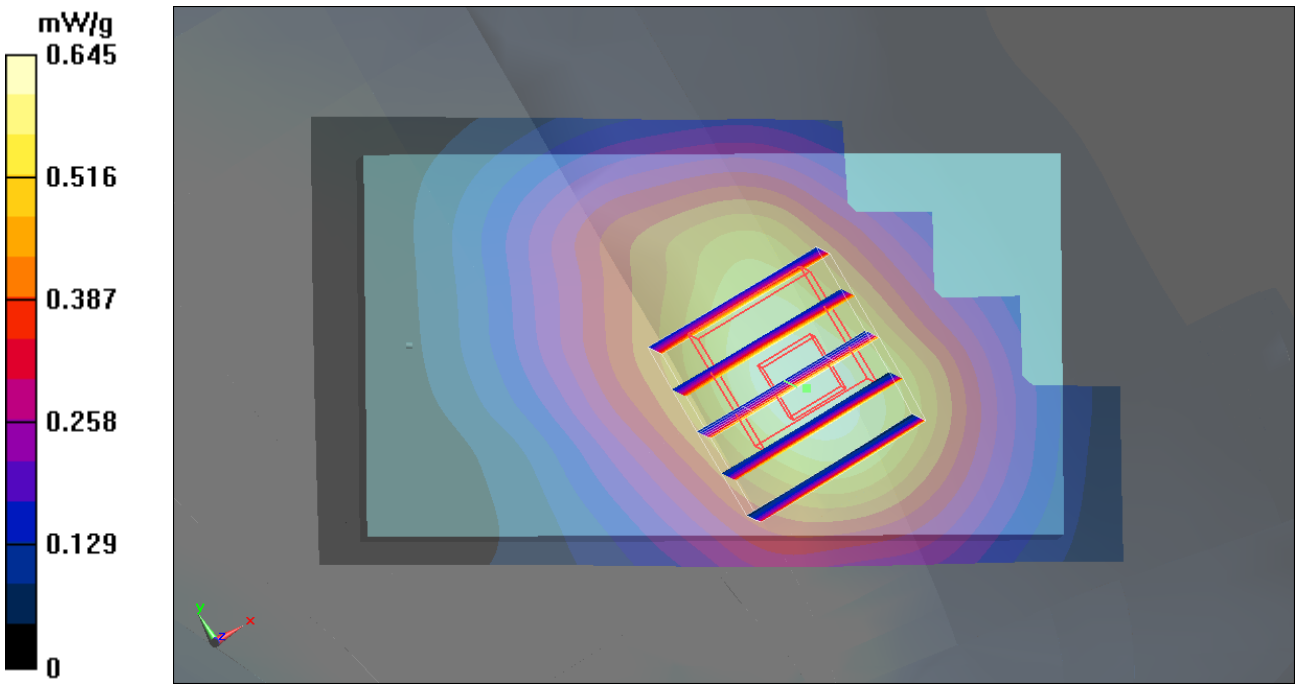
DUT: 092901

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110114 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.645 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.77 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.637 mW/g


mW/g
0.645
0.516
0.387
0.258
0.129
0

#04 GSM850_Left Tilted_Ch251

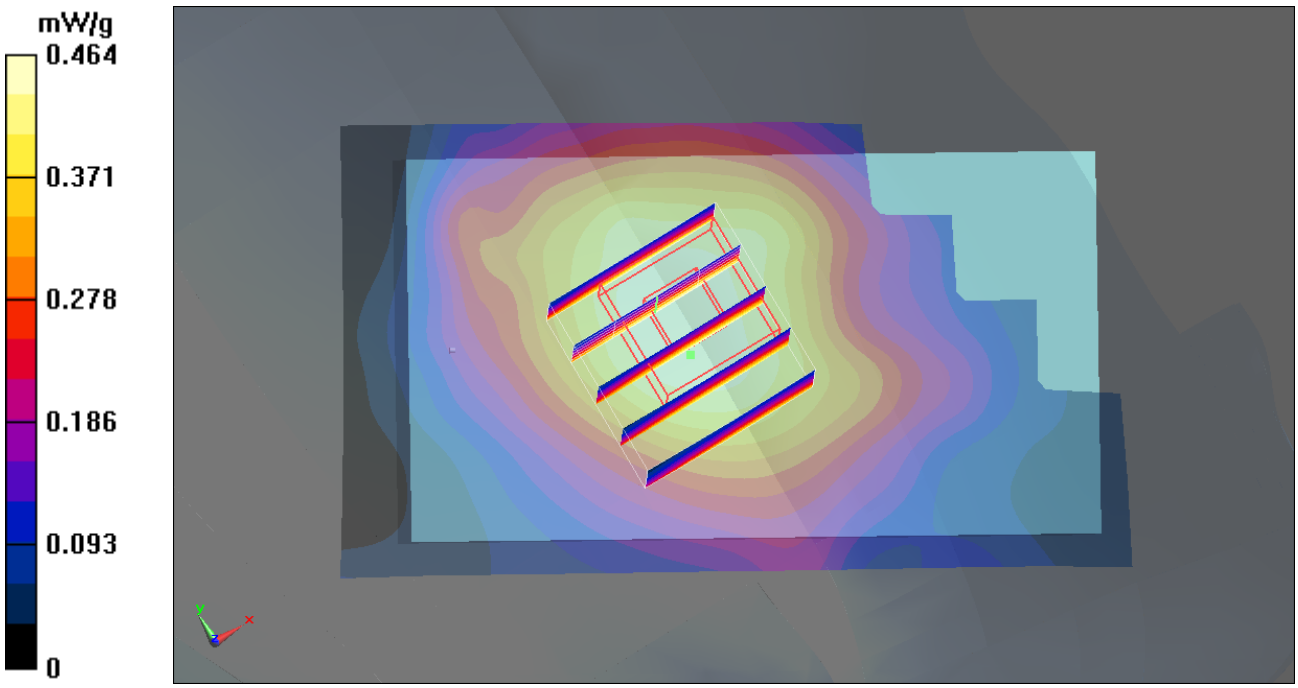
DUT: 092901

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110114 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.464 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 0.479 mW/g


mW/g
0.464
0.371
0.278
0.186
0.093
0

#09 GSM1900_Right Cheek_Ch661

DUT: 092901

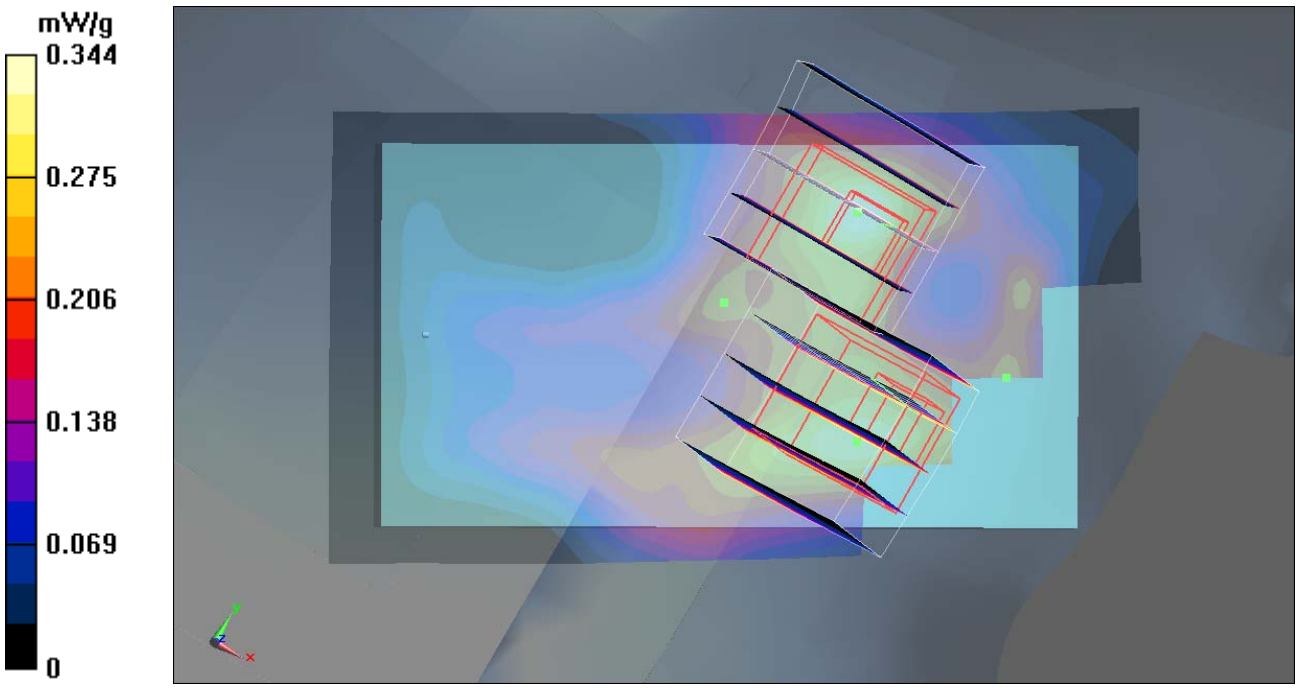
Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110114 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.82 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.387 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.82 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.638 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.421 mW/g


mW/g
0.344
0.275
0.206
0.138
0.069
0

#10 GSM1900_Right Tilted_Ch661

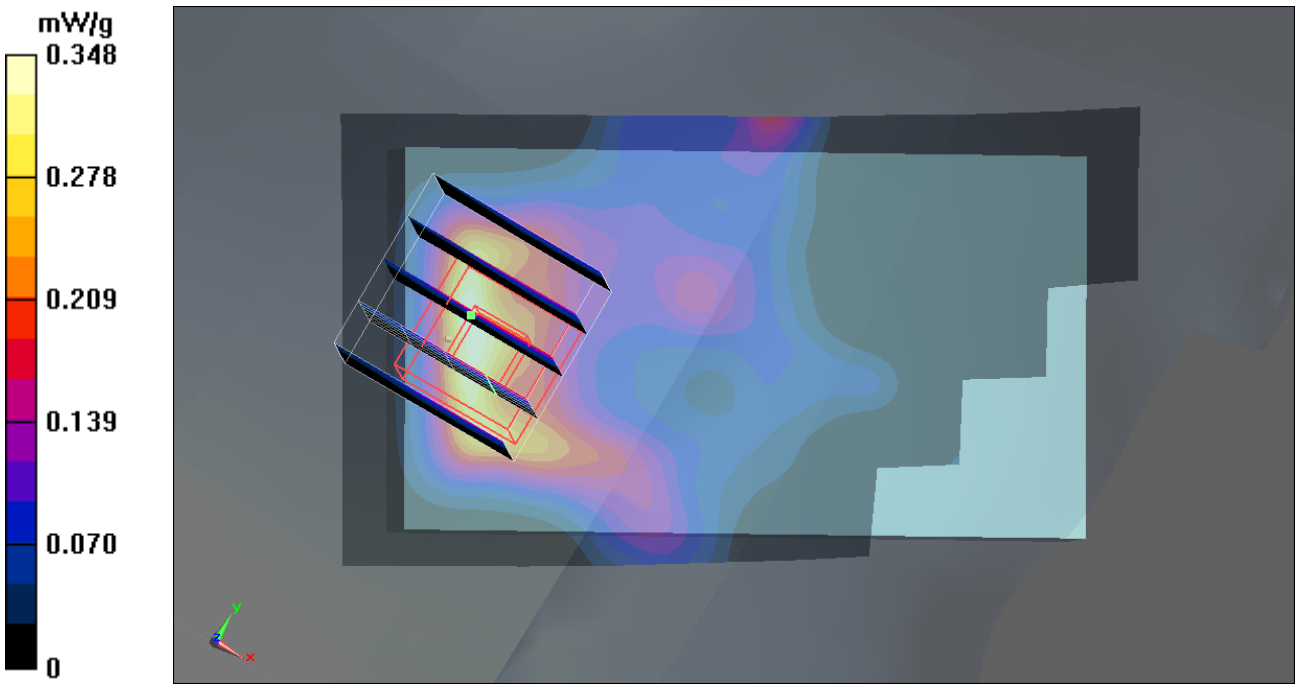
DUT: 092901

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110114 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.348 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.221 mW/g


mW/g
0.348
0.278
0.209
0.139
0.070
0

#11 GSM1900_Left Cheek_Ch661

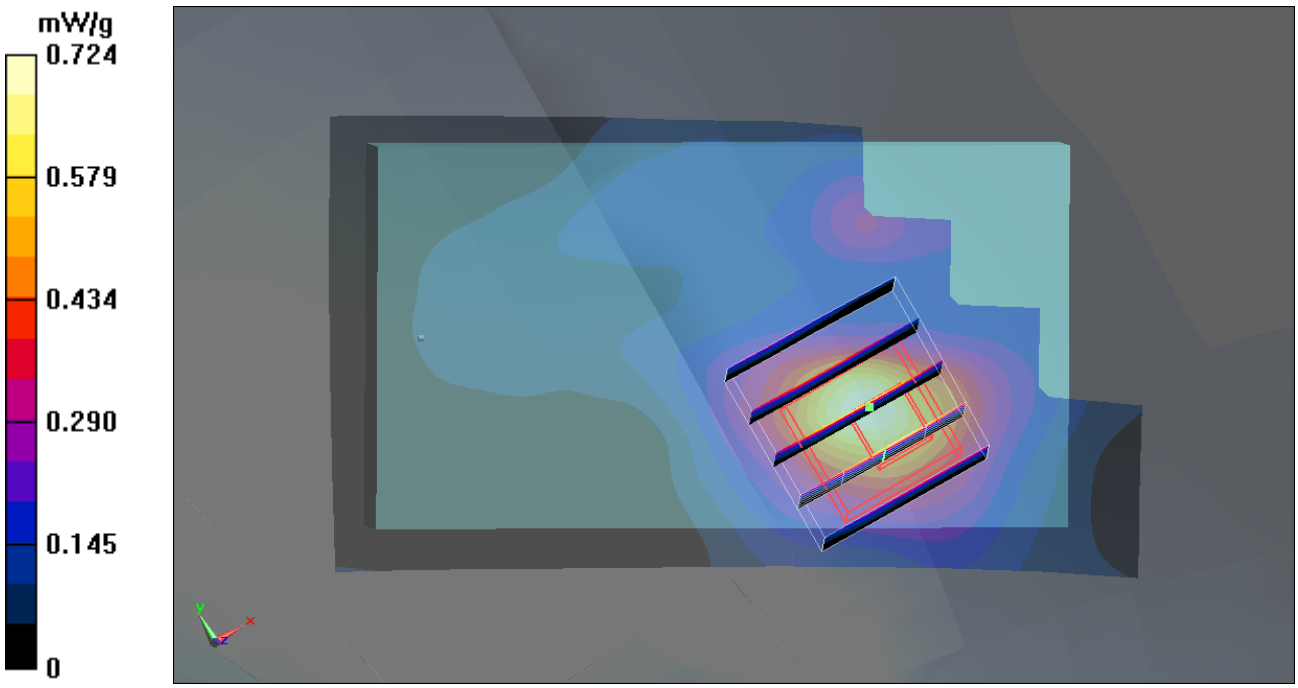
DUT: 092901

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110114 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.724 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.93 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.708 mW/g


mW/g
0.724
0.579
0.434
0.290
0.145
0

#11 GSM1900_Left Cheek_Ch661_2D

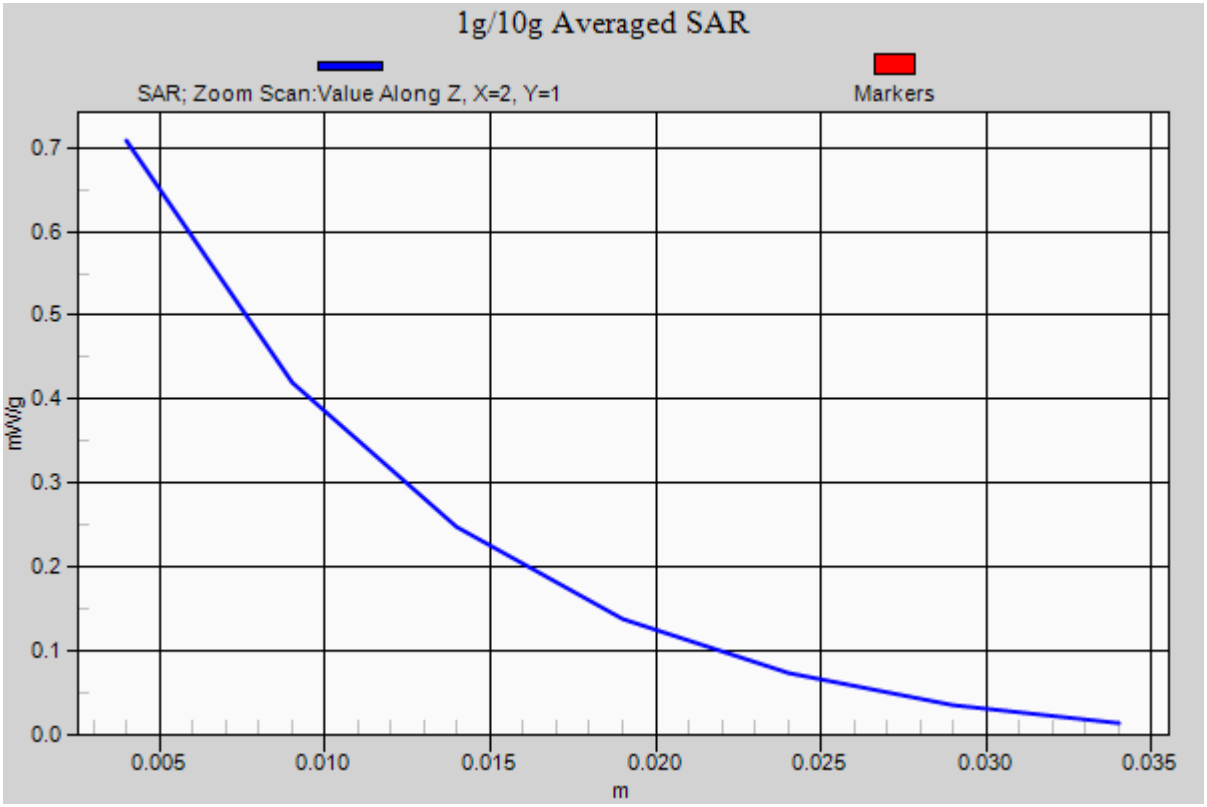
DUT: 092901

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110114 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.724 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.93 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.708 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=1
Markers
mW/g
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#12 GSM1900_Left Tilted_Ch661

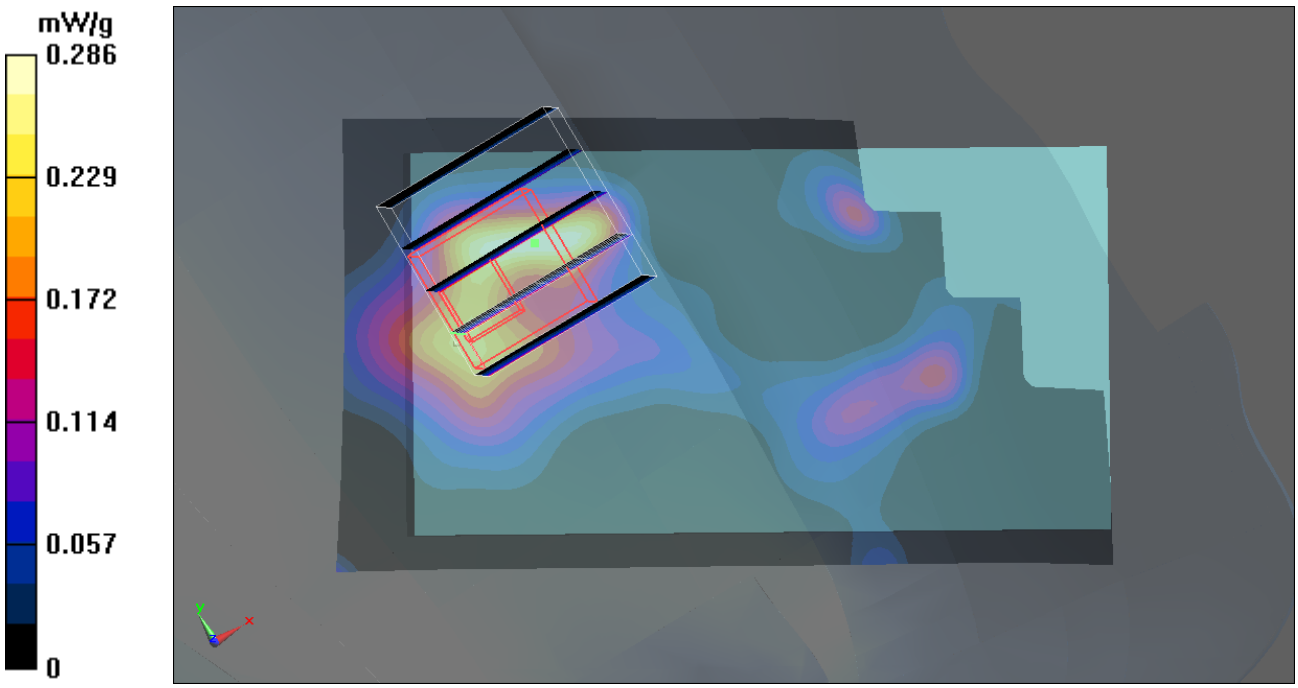
DUT: 092901

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110114 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.286 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.189 mW/g


mW/g
0.286
0.229
0.172
0.114
0.057
0

#05 WCDMA V_RMC 12.2K_Right Cheek_Ch4233

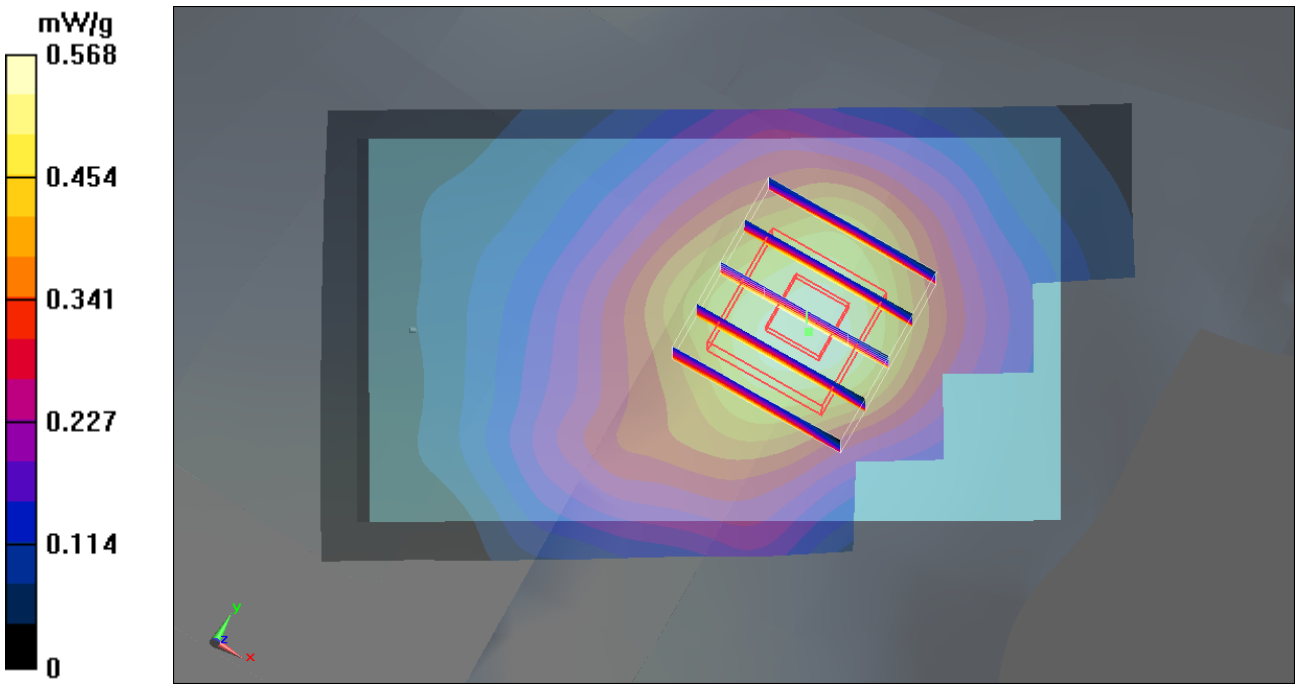
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_110114 Medium parameters used: f = 846.6 MHz; σ = 0.911 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.568 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.93 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.583 mW/g


mW/g
0.568
0.454
0.341
0.227
0.114
0

#05 WCDMA V_RMC 12.2K_Right Cheek_Ch4233_2D

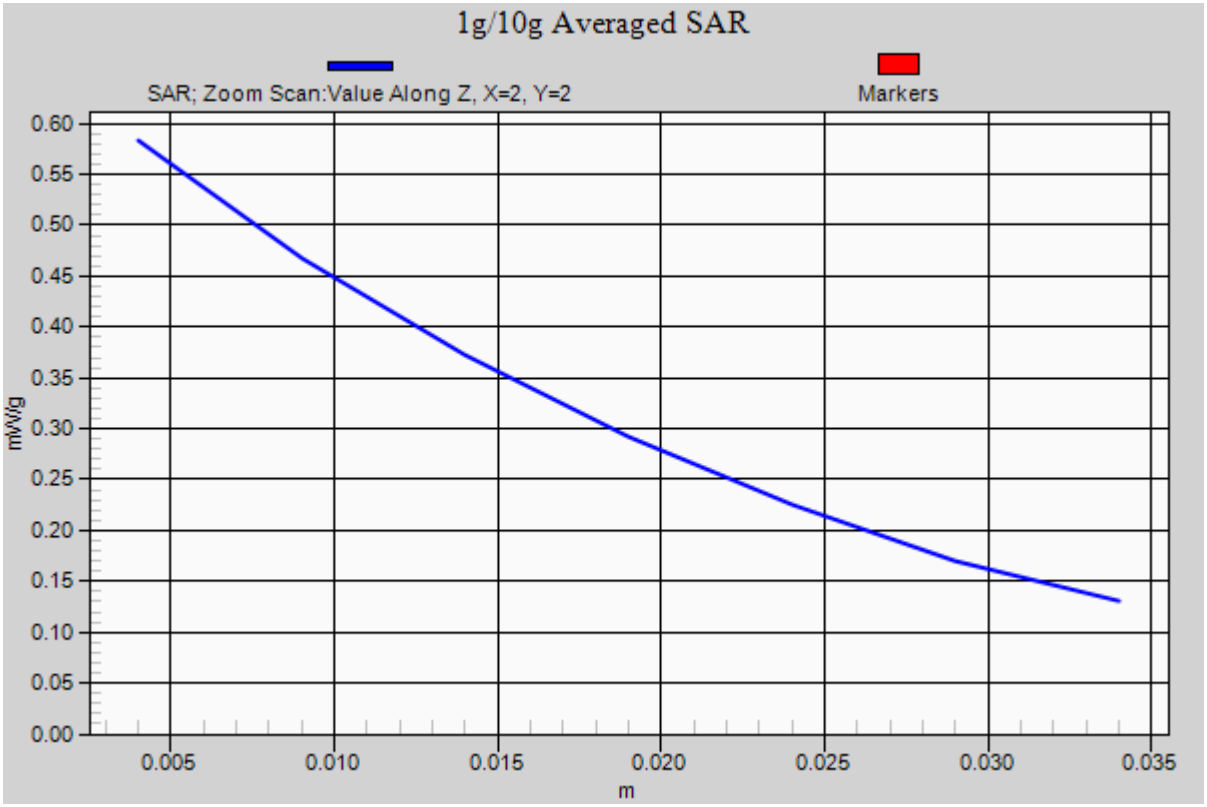
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_110114 Medium parameters used: f = 846.6 MHz; σ = 0.911 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.568 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.93 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.583 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#06 WCDMA V_RMC 12.2K_Right Tilted_Ch4233

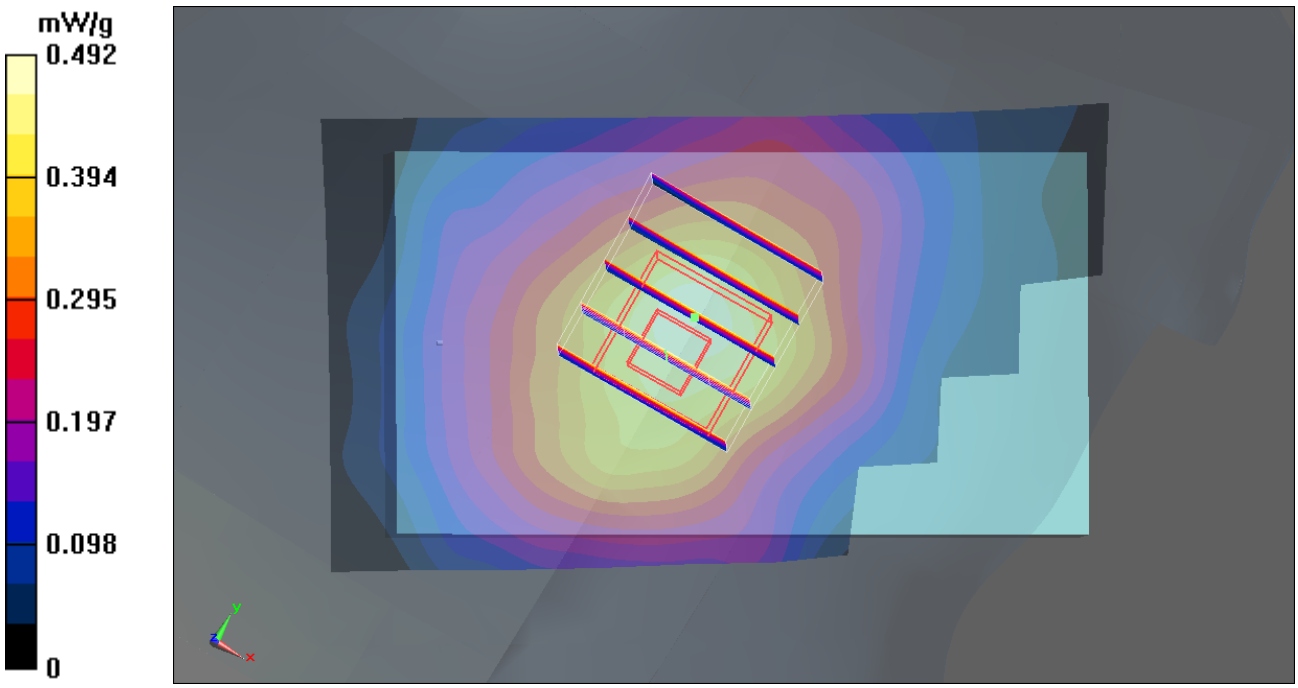
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_110114 Medium parameters used: f = 846.6 MHz; σ = 0.911 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.492 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.462 mW/g


mW/g
0.492
0.394
0.295
0.197
0.098
0

#07 WCDMA V_RMC 12.2K_Left Cheek_Ch4233

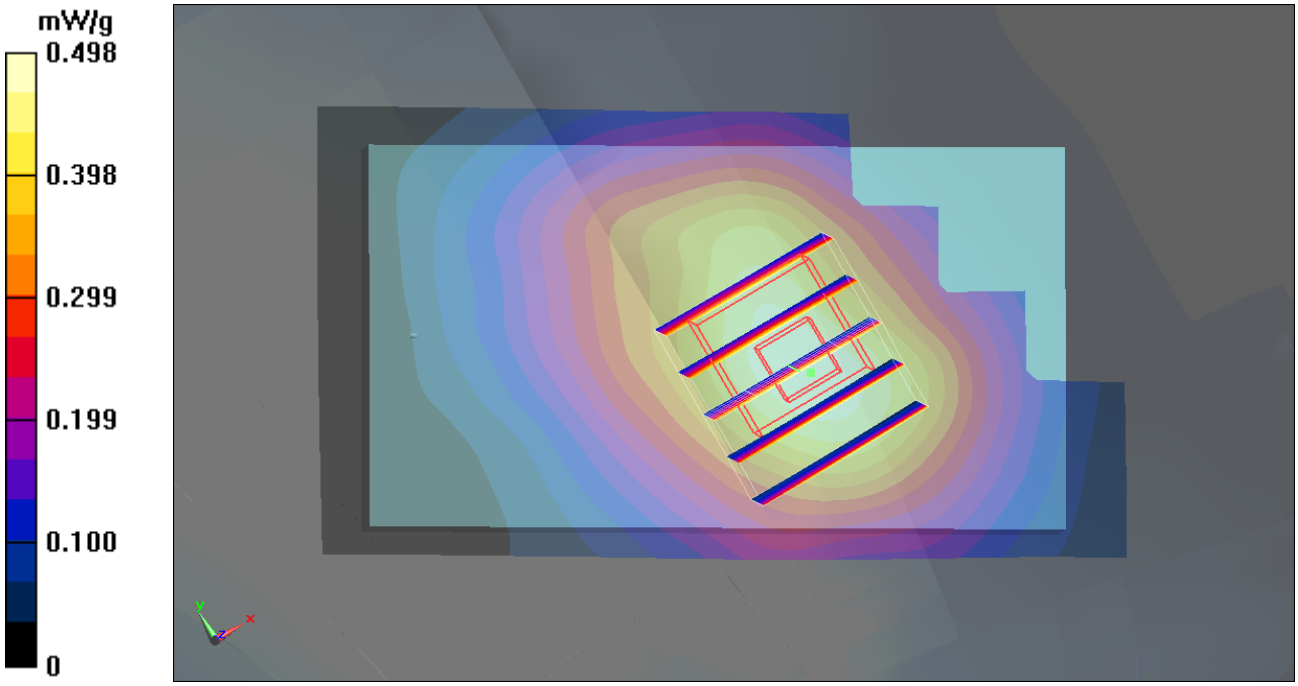
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_110114 Medium parameters used: f = 846.6 MHz; σ = 0.911 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.498 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.66 V/m; Power Drift = 0.061 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.505 mW/g


mW/g
0.498
0.398
0.299
0.199
0.100
0

#08 WCDMA V_RMC 12.2K_Left Tilted_Ch4233

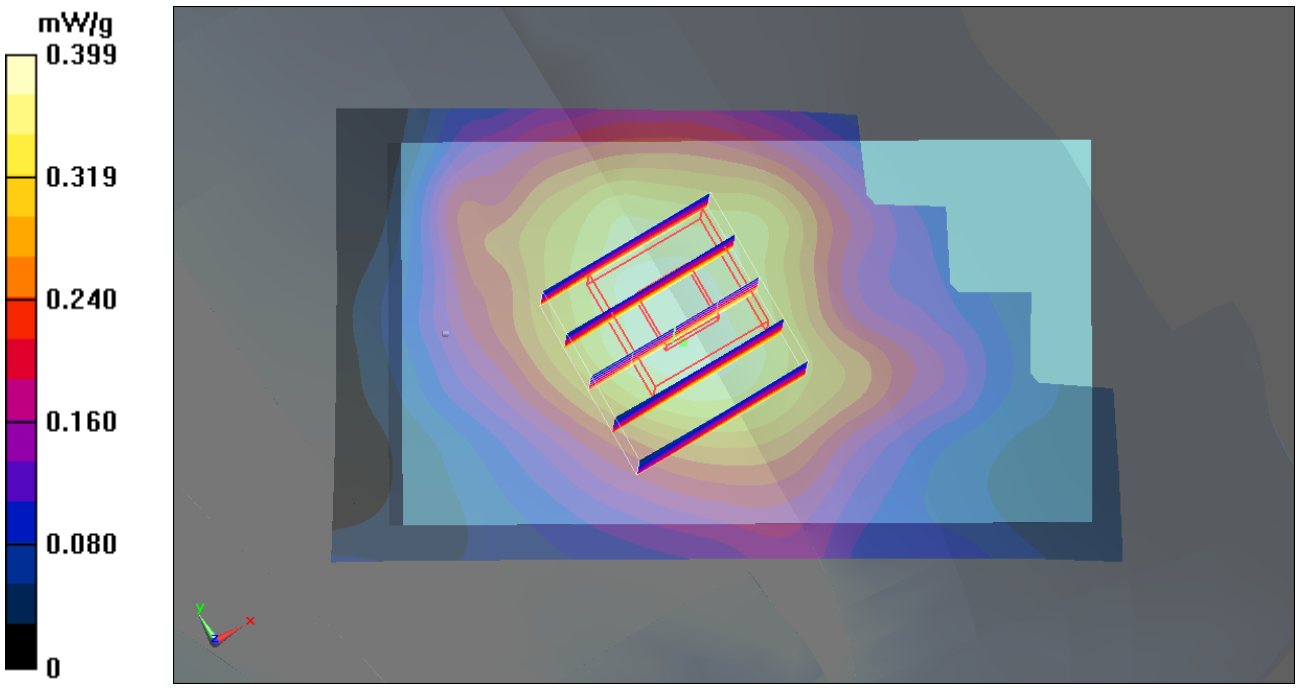
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_110114 Medium parameters used: f = 846.6 MHz; σ = 0.911 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.399 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.095 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.294 mW/g
Maximum value of SAR (measured) = 0.403 mW/g


mW/g
0.399
0.319
0.240
0.160
0.080
0

#13 WCDMA II_RMC 12.2K_Right Cheek_Ch9538

DUT: 092901

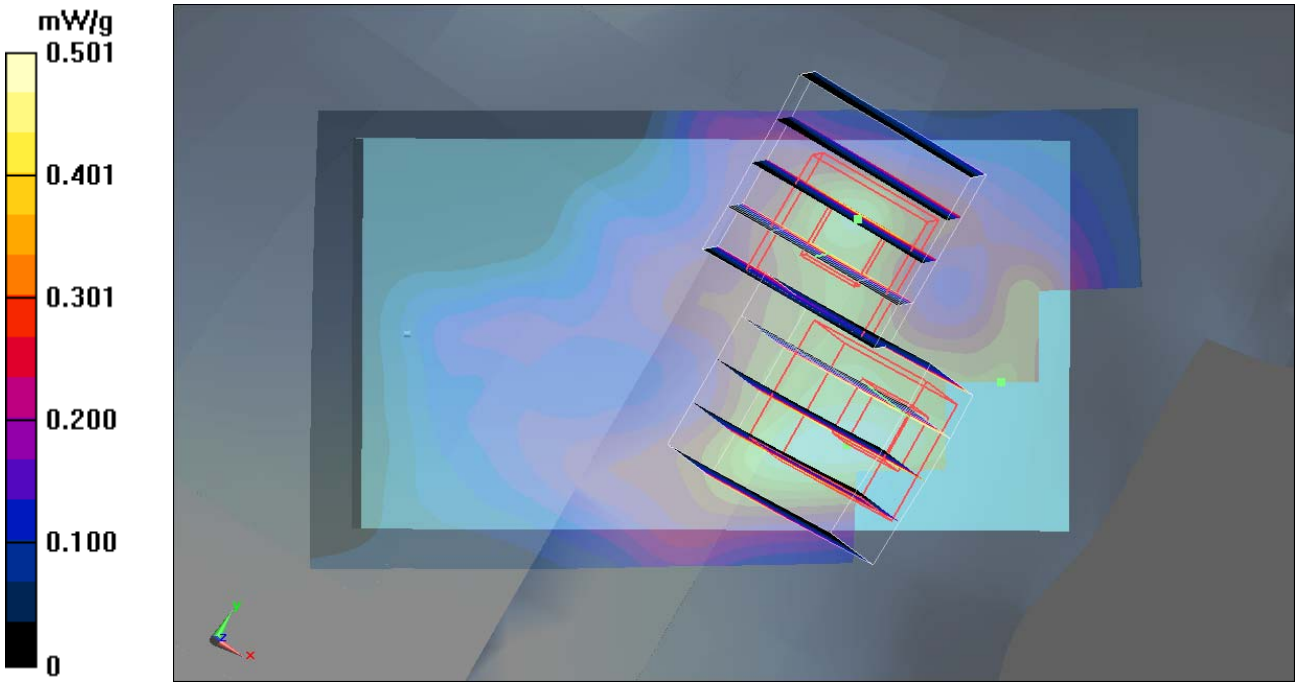
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110114 Medium parameters used: f = 1908 MHz; σ = 1.45 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.501 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.07 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.609 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.07 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.262 mW/g
Maximum value of SAR (measured) = 0.500 mW/g


mW/g
0.501
0.401
0.301
0.200
0.100
0

#14 WCDMA II_RMC 12.2K_Right Tilted_Ch9538

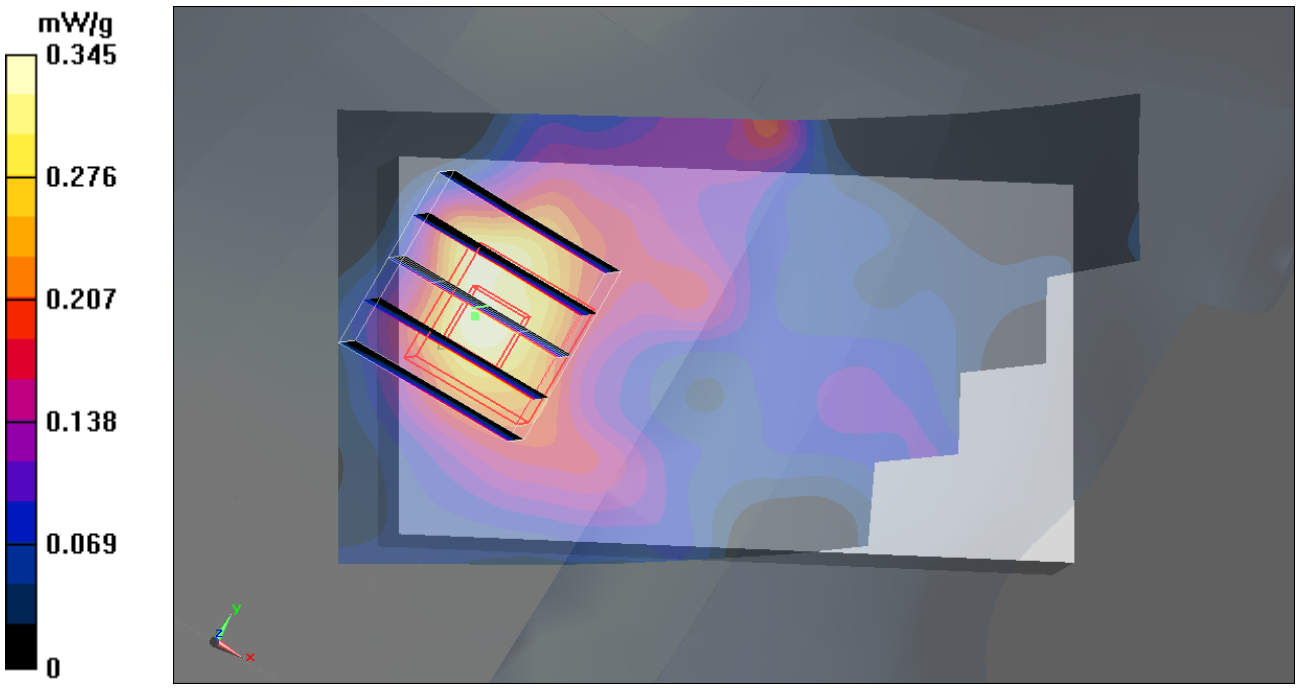
DUT: 092901

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110114 Medium parameters used: f = 1908 MHz; σ = 1.45 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.345 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.320 mW/g


mW/g
0.345
0.276
0.207
0.138
0.069
0

#17 WCDMA II_RMC 12.2K_Left Cheek_Ch9262

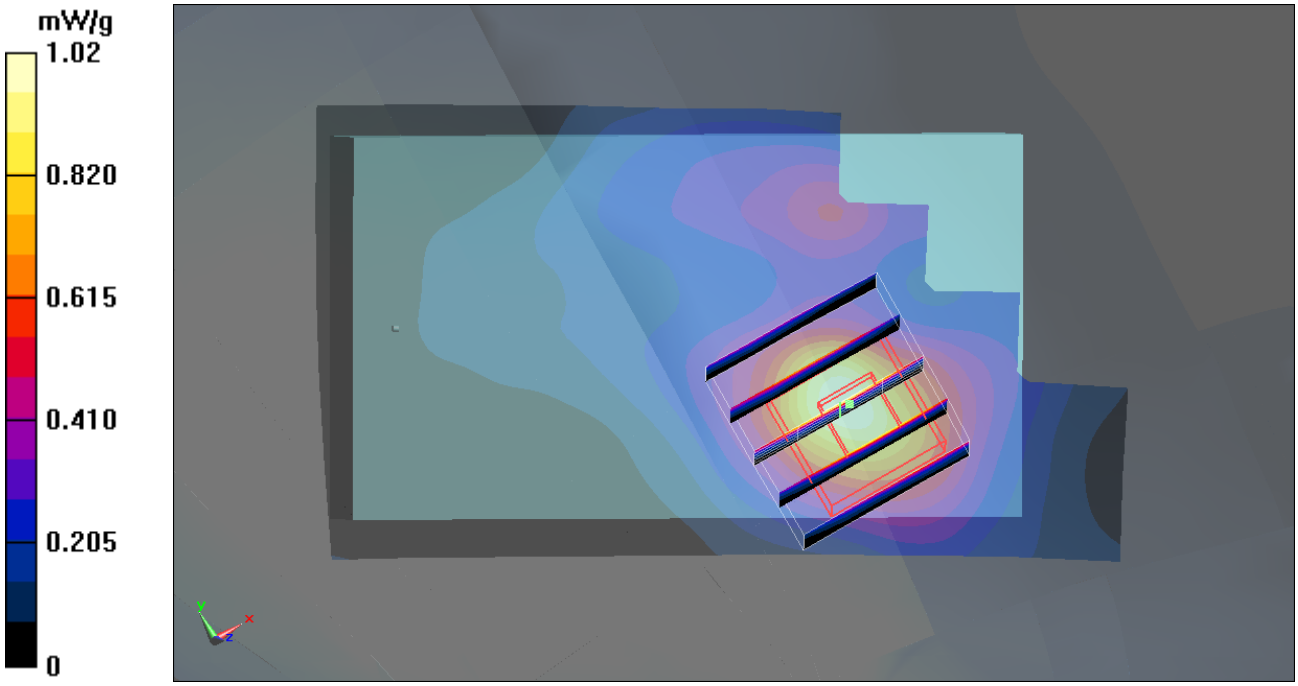
DUT: 092901

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110114 Medium parameters used: f = 1852.4 MHz; σ = 1.4 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.32 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 1.08 mW/g


mW/g
1.02
0.820
0.615
0.410
0.205
0

#17 WCDMA II_RMC 12.2K_Left Cheek_Ch9262_2D

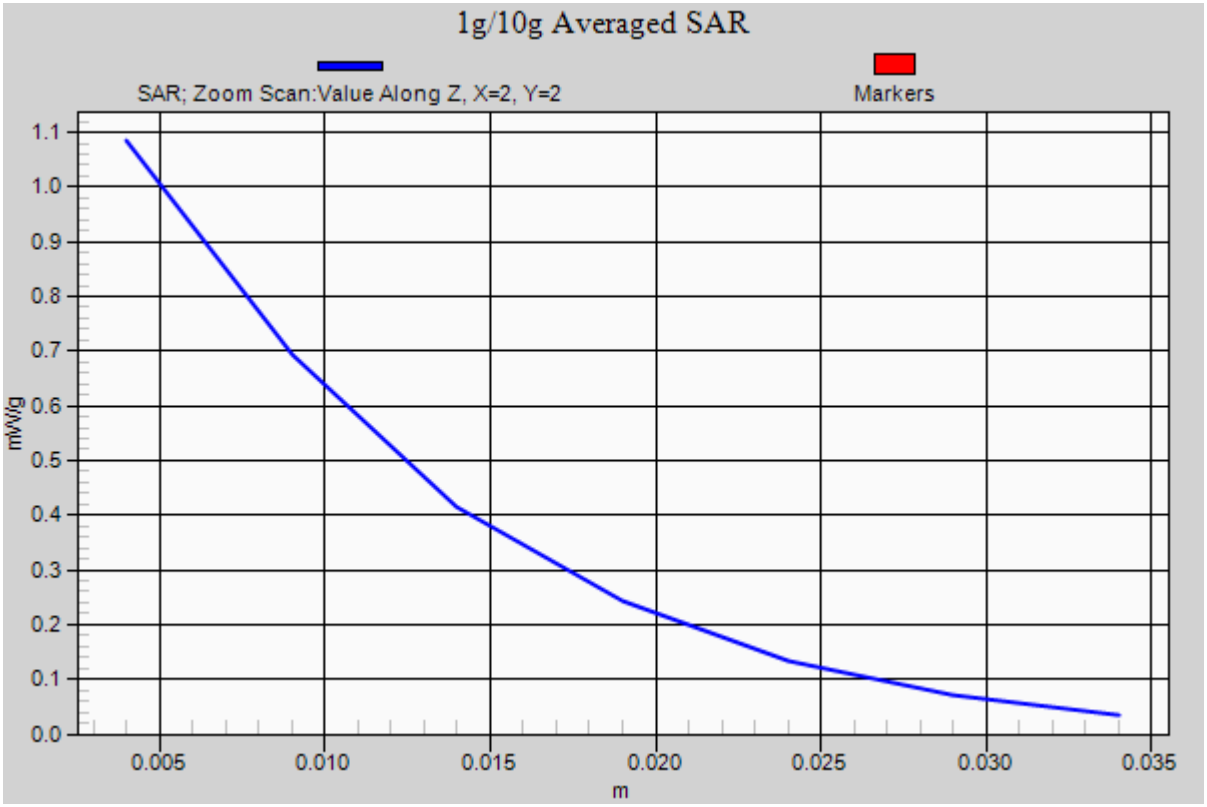
DUT: 092901

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110114 Medium parameters used: f = 1852.4 MHz; σ = 1.4 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.32 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 1.08 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#16 WCDMA II_RMC 12.2K_Left Tilted_Ch9538

DUT: 092901

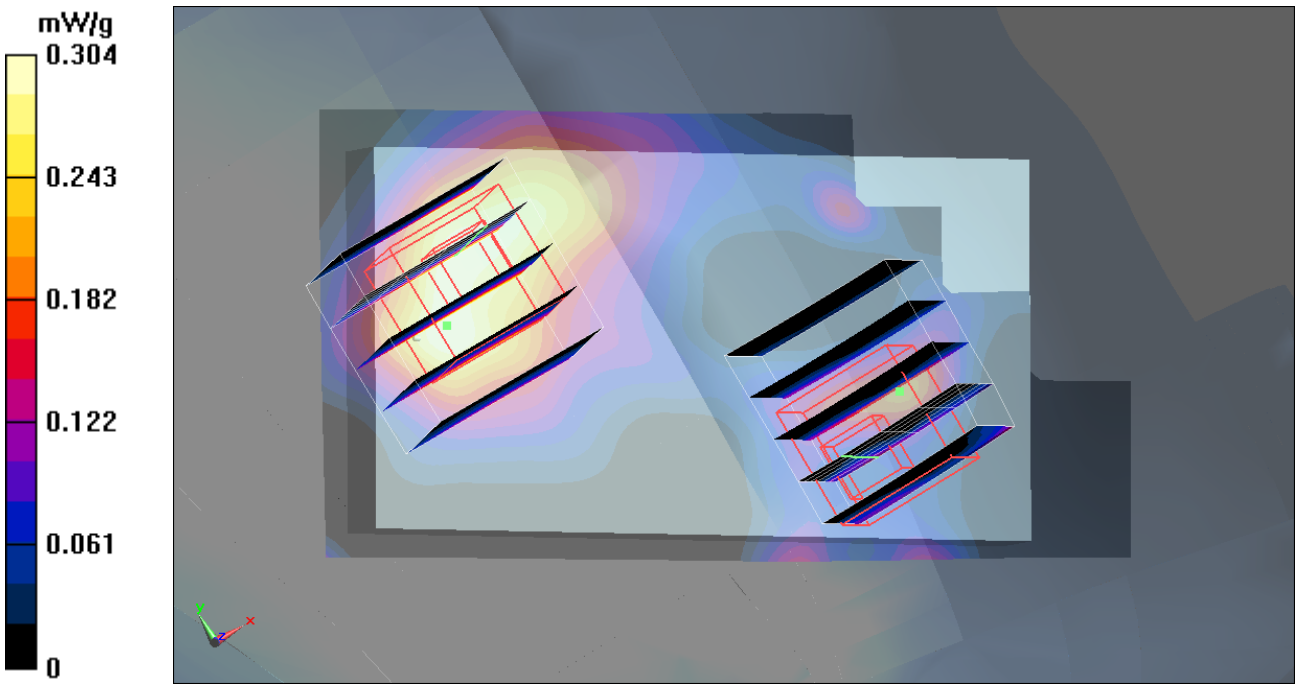
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110114 Medium parameters used: f = 1908 MHz; σ = 1.45 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.311 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.201 mW/g


mW/g
0.304
0.243
0.182
0.122
0.061
0

#31 GSM850_GPRS10_Rear Face_1.0cm_Ch251

DUT: 092901

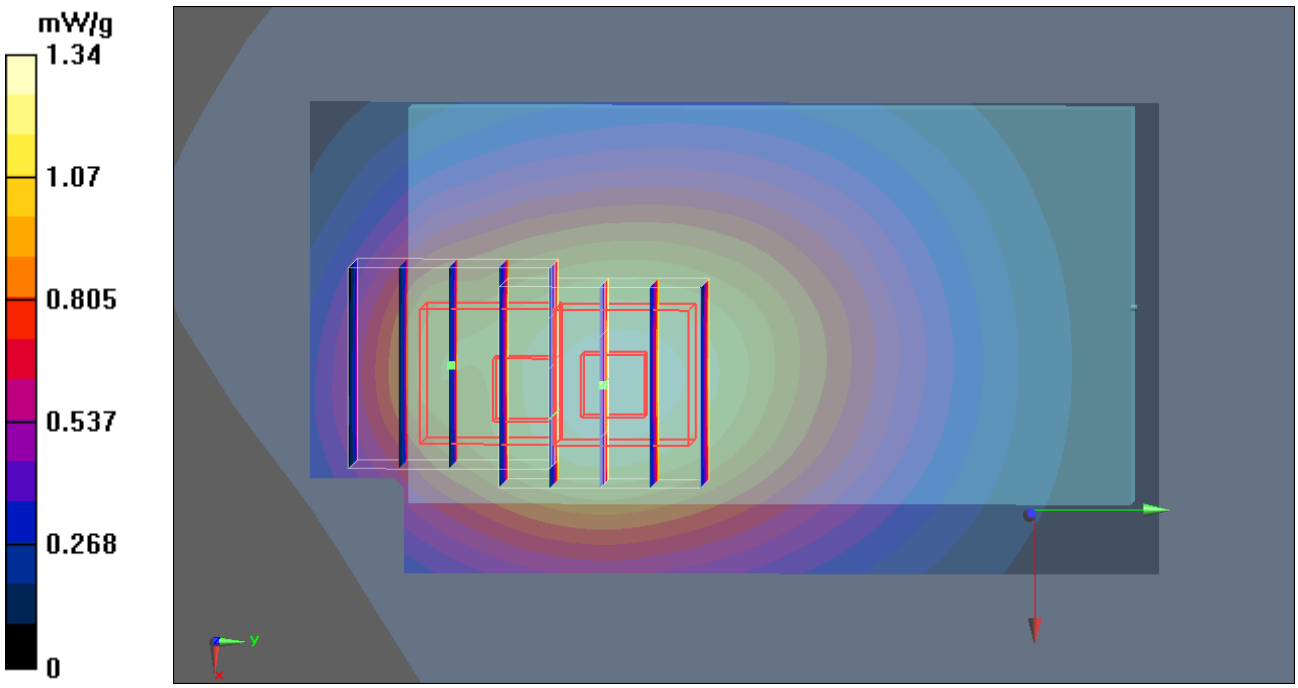
Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110310 Medium parameters used: f = 849 MHz; σ = 0.983 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.76 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.922 mW/g
Maximum value of SAR (measured) = 1.33 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.76 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.749 mW/g
Maximum value of SAR (measured) = 1.27 mW/g


mW/g
1.34
1.07
0.805
0.537
0.268
0

#31 GSM850_GPRS10_Rear Face_1.0cm_Ch251_2D

DUT: 092901

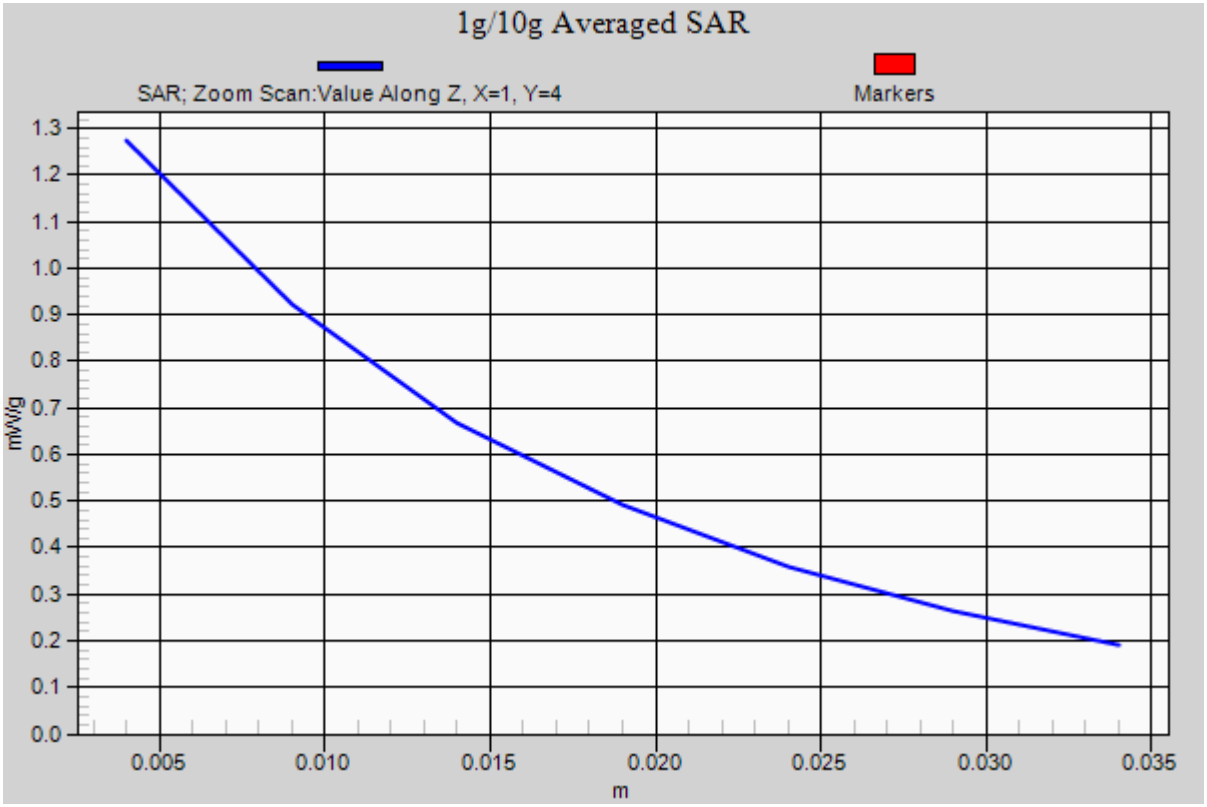
Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110310 Medium parameters used: f = 849 MHz; σ = 0.983 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.76 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.922 mW/g
Maximum value of SAR (measured) = 1.33 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.76 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.749 mW/g
Maximum value of SAR (measured) = 1.27 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=4
Markers
mW/g
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#32 GSM850_GPRS10_Front Face_1.0cm_Ch251

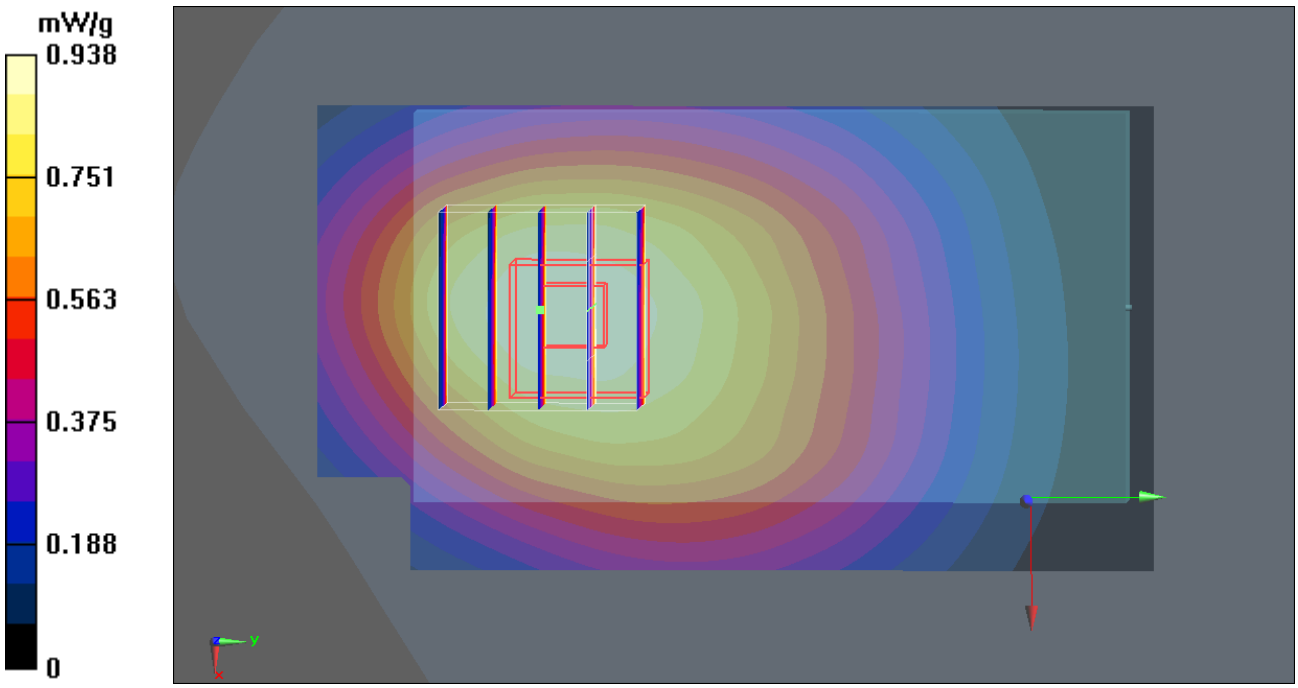
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110310 Medium parameters used: f = 849 MHz; σ = 0.983 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.938 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.78 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.657 mW/g
Maximum value of SAR (measured) = 0.928 mW/g


mW/g
0.938
0.751
0.563
0.375
0.188
0

#33 GSM850_GPRS10_Left Side_1.0cm_Ch251

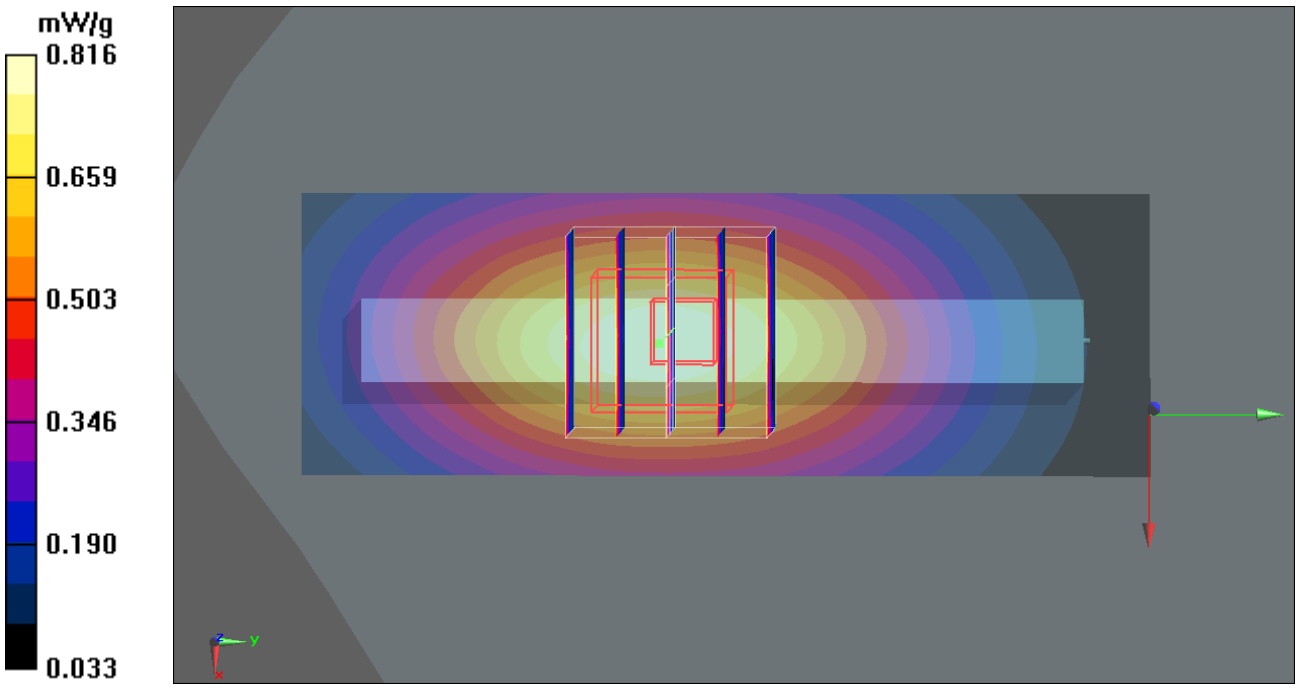
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110310 Medium parameters used: f = 849 MHz; σ = 0.983 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.816 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 0.786 mW/g


mW/g
0.816
0.659
0.503
0.346
0.190
0.033

#34 GSM850_GPRS10_Right Side_1.0cm_Ch251

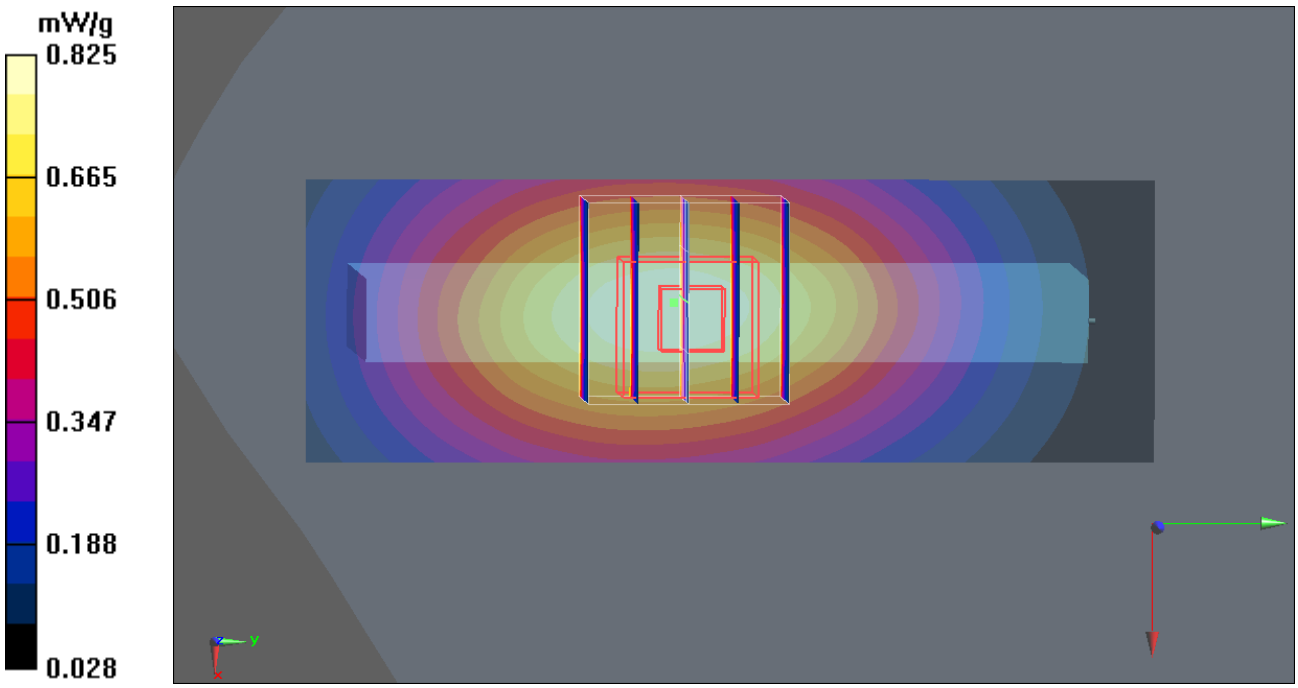
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110310 Medium parameters used: f = 849 MHz; σ = 0.983 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.825 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.84 V/m; Power Drift = 0.056 dB
Peak SAR (extrapolated) = 1.1 W/kg
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.822 mW/g


mW/g
0.825
0.665
0.506
0.347
0.188
0.028

#36 GSM850_GPRS10_Bottom Side_1.0cm_Ch251

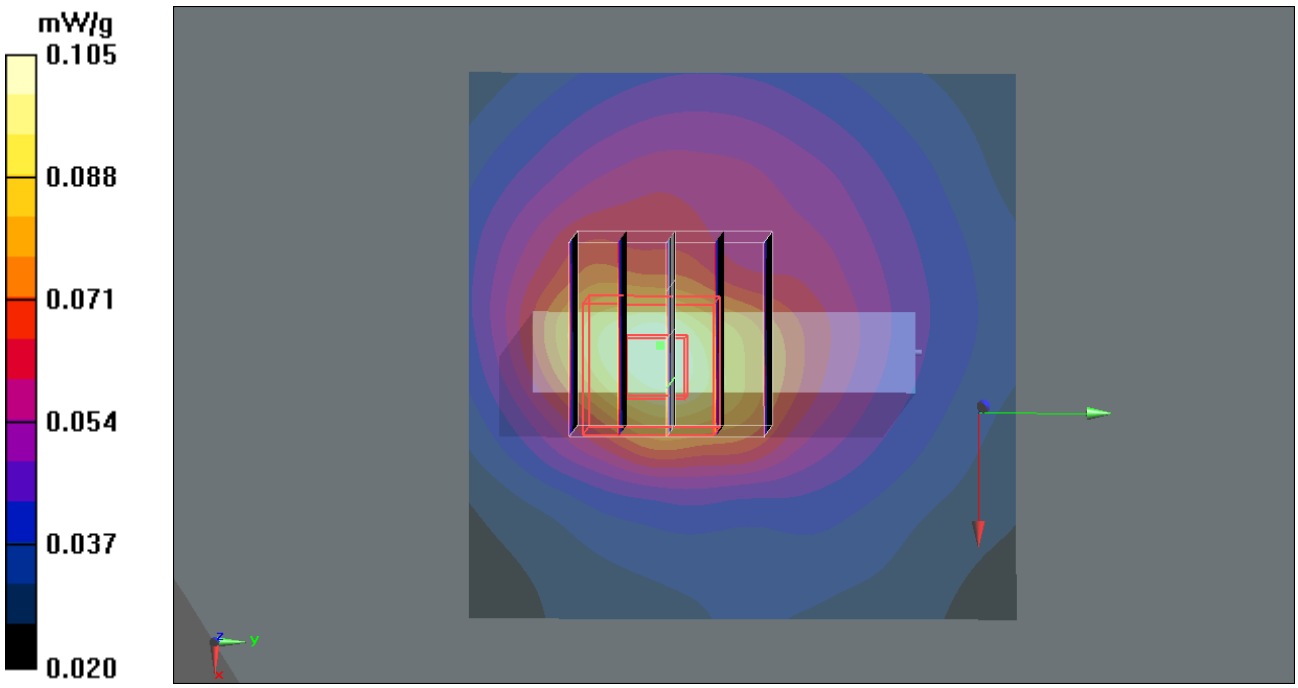
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110310 Medium parameters used: f = 849 MHz; σ = 0.983 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.105 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.65 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.105 mW/g


mW/g
0.105
0.088
0.071
0.054
0.037
0.020

#71 GSM1900_GPRS10_Rear Face_1.0cm_Ch810

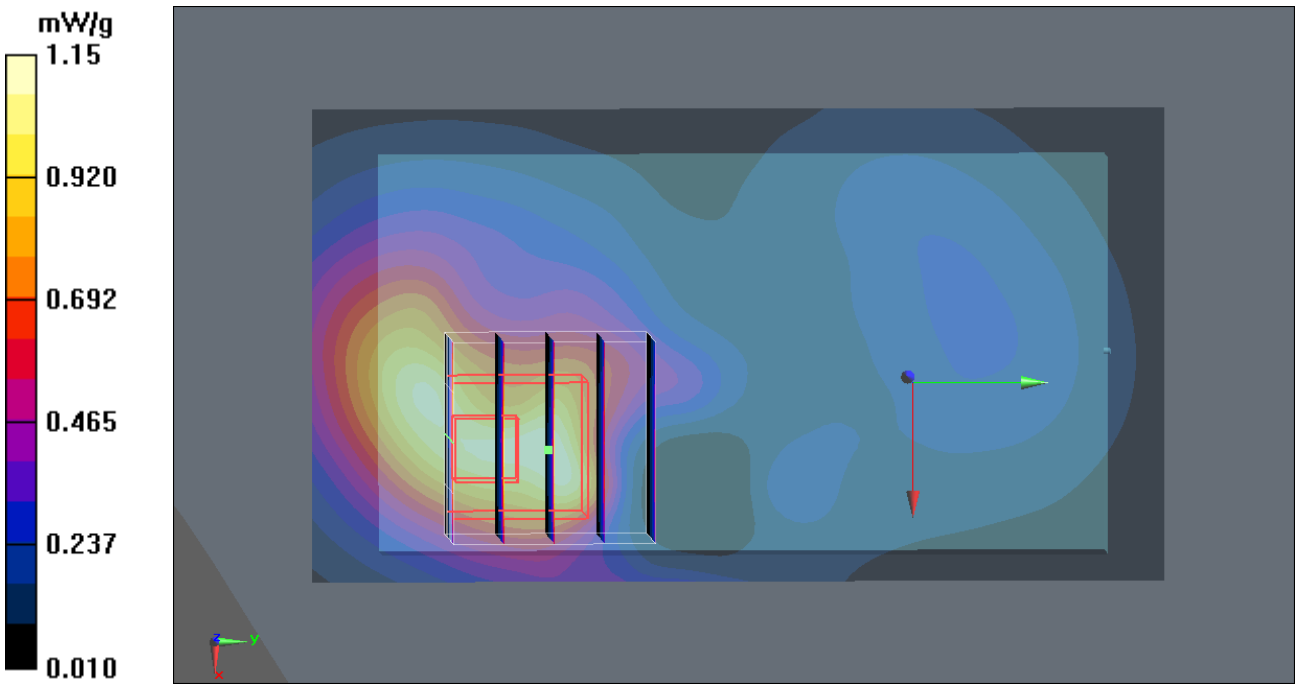
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110310 Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.538 mW/g
Maximum value of SAR (measured) = 1.07 mW/g


mW/g
1.15
0.920
0.692
0.465
0.237
0.010

#73 GSM1900_GPRS10_Front Face_1.0cm_Ch810

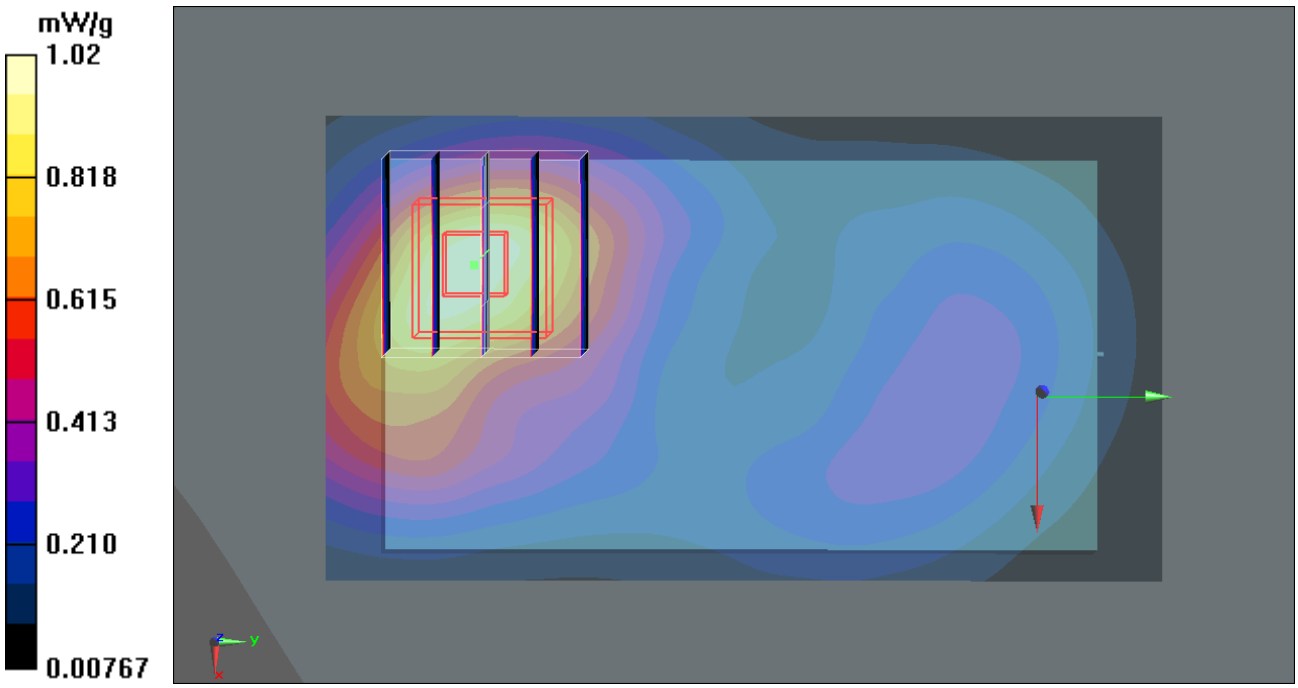
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110310 Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 1.06 mW/g


mW/g
1.02
0.818
0.615
0.413
0.210
0.00767

#66 GSM1900_GPRS10_Left Side_1.0cm_Ch661

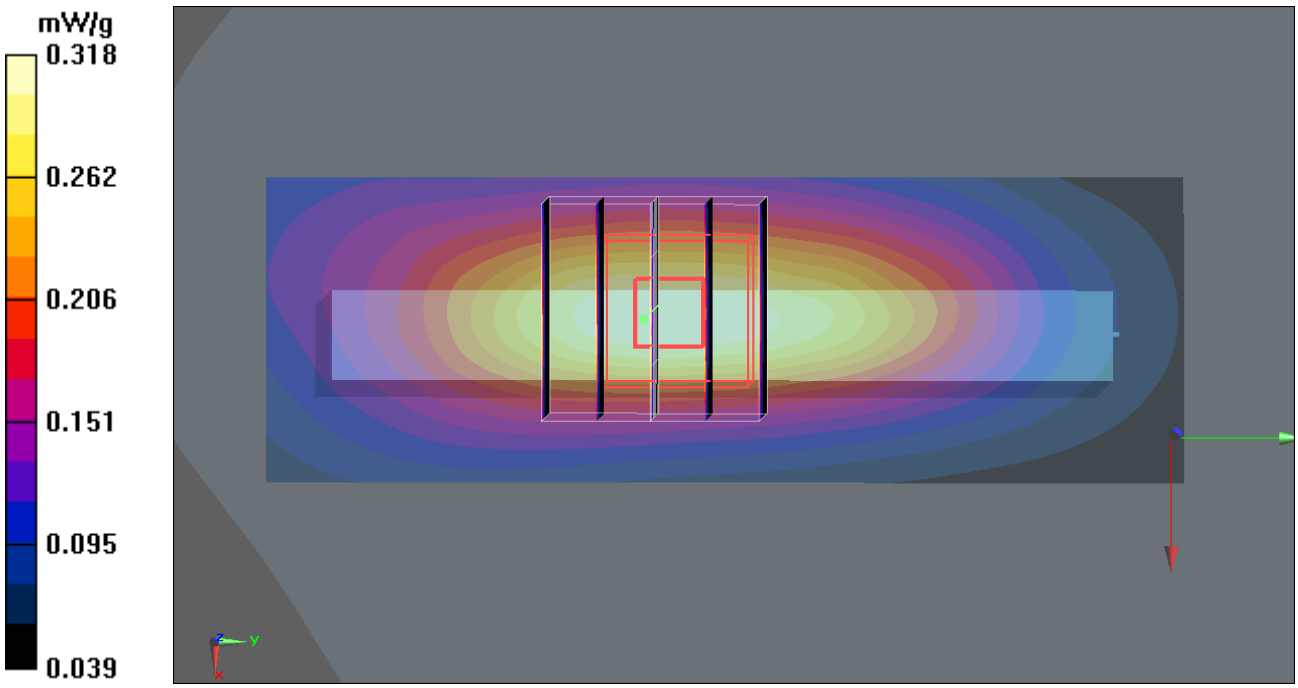
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110310 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.318 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.88 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.315 mW/g


mW/g
0.318
0.262
0.206
0.151
0.095
0.039

#67 GSM1900_GPRS10_Right Side_1.0cm_Ch661

DUT: 092901

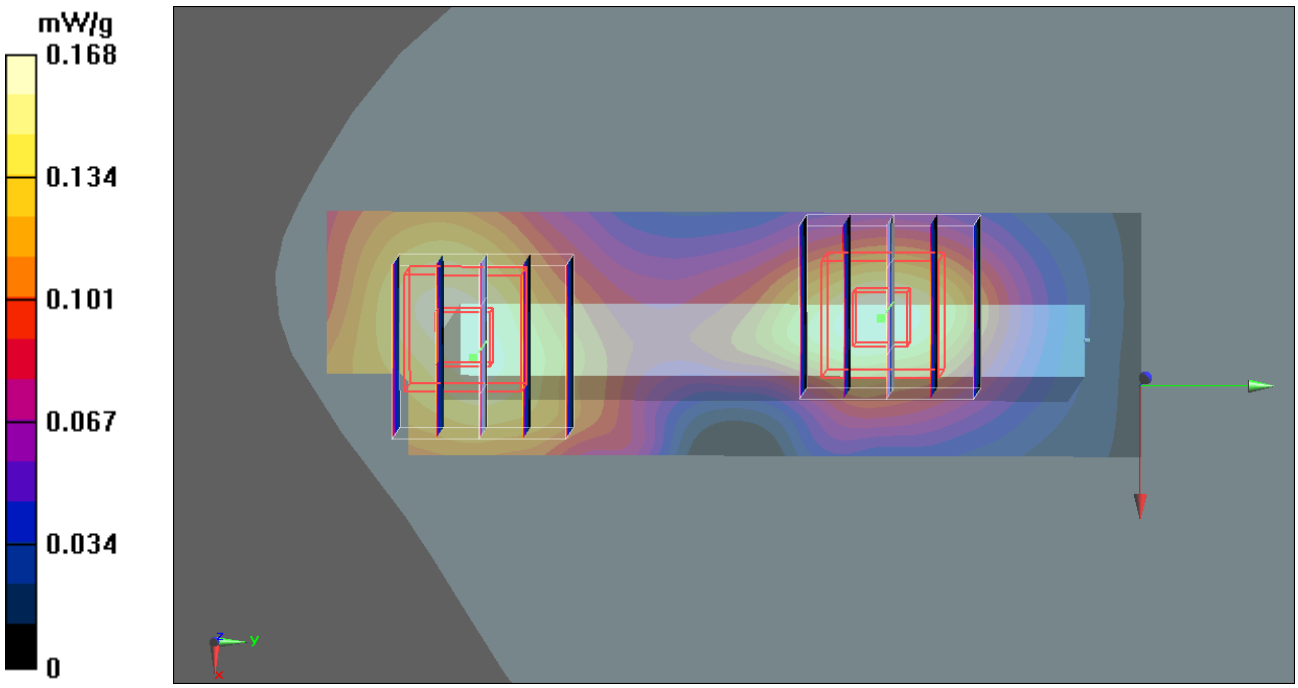
Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110310 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.168 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.57 V/m; Power Drift = 0.00604 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.164 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.57 V/m; Power Drift = 0.00604 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.096 mW/g


mW/g
0.168
0.134
0.101
0.067
0.034
0

#75 GSM1900_GPRS10_Bottom Side_1.0cm_Ch810

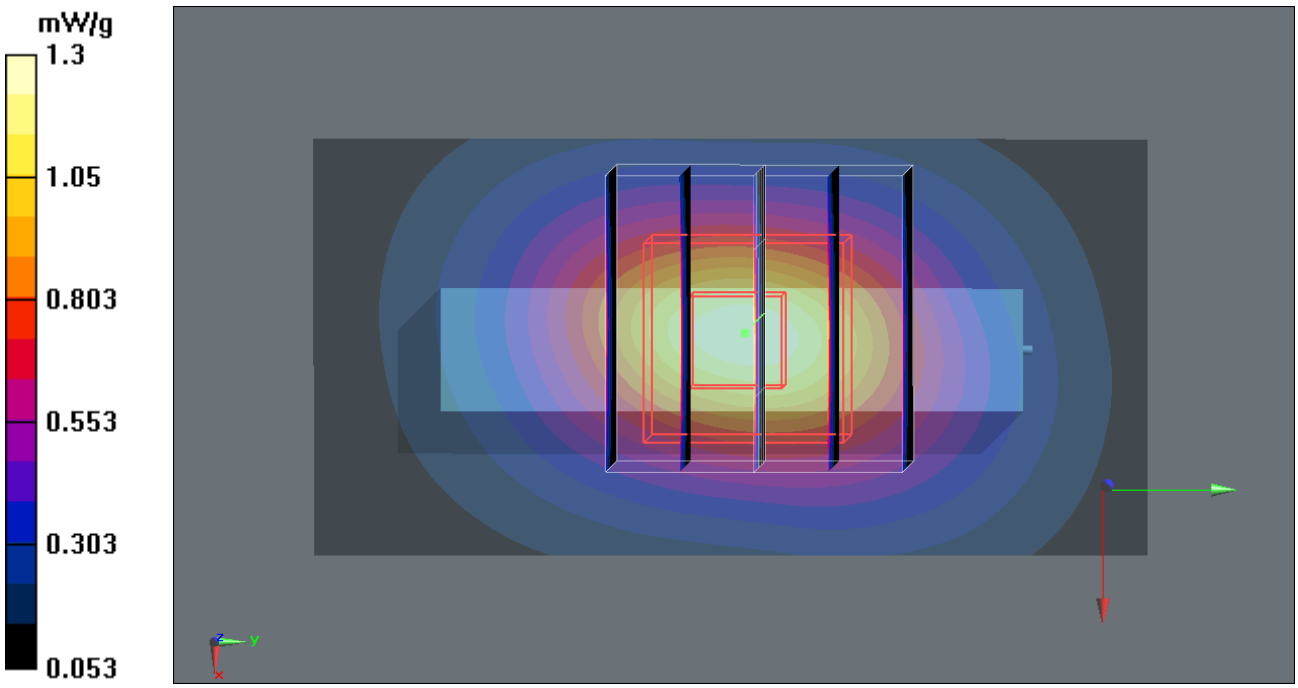
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110310 Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.3 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.096 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.626 mW/g
Maximum value of SAR (measured) = 1.32 mW/g


mW/g
1.3
1.05
0.803
0.553
0.303
0.053

#75 GSM1900_GPRS10_Bottom Side_1.0cm_Ch810_2D

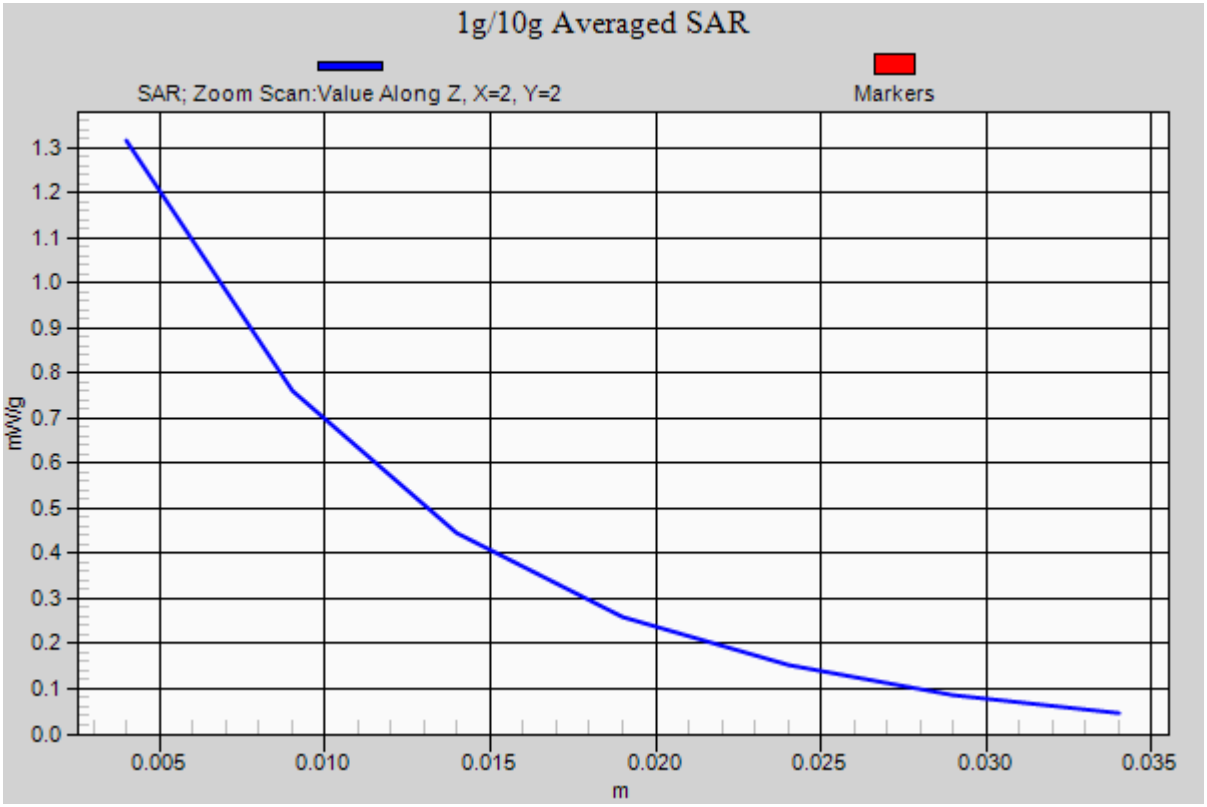
DUT: 092901

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110310 Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.3 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.096 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.626 mW/g
Maximum value of SAR (measured) = 1.32 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#49 WCDMA V_RMC 12.2K_Rear Face_1.0cm_Ch4182

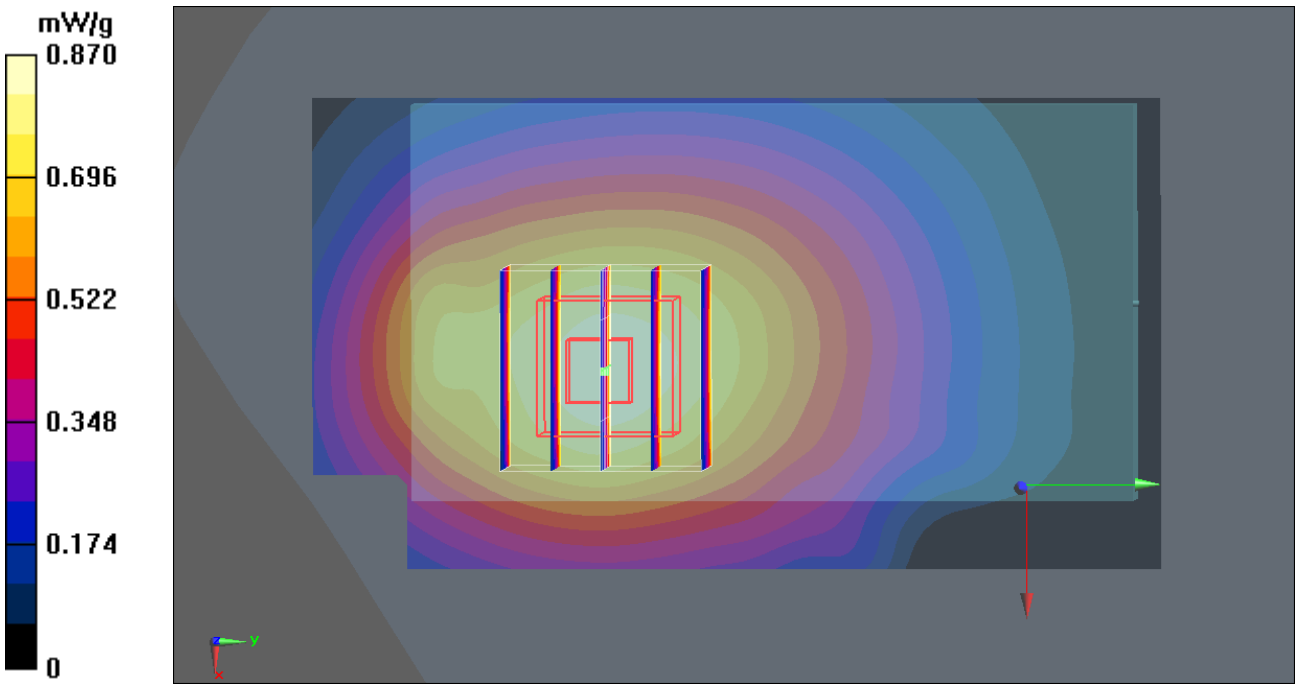
DUT: 092901

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.870 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.63 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.637 mW/g
Maximum value of SAR (measured) = 0.917 mW/g


mW/g
0.870
0.696
0.522
0.348
0.174
0
y

#49 WCDMA V_RMC 12.2K_Rear Face_1.0cm_Ch4182_2D

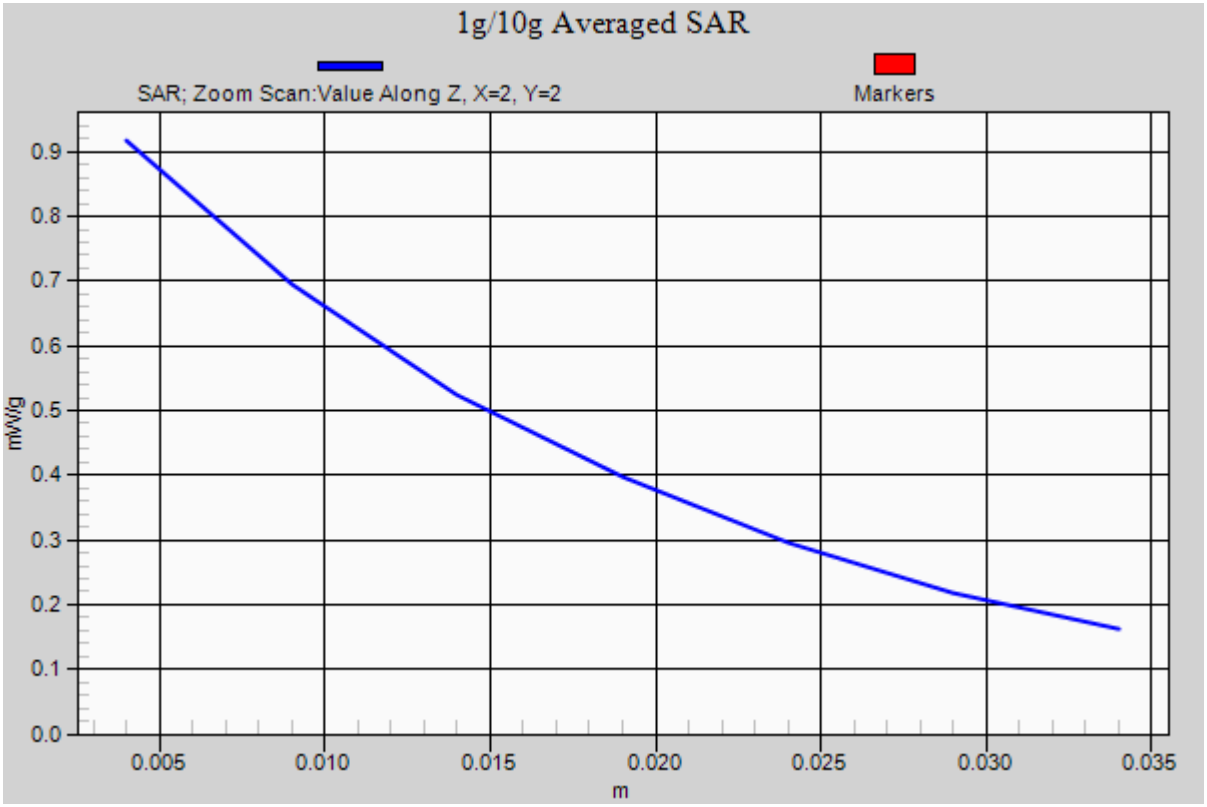
DUT: 092901

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.870 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.63 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.637 mW/g
Maximum value of SAR (measured) = 0.917 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#43 WCDMA V_RMC 12.2K_Front Face_1.0cm_Ch4233

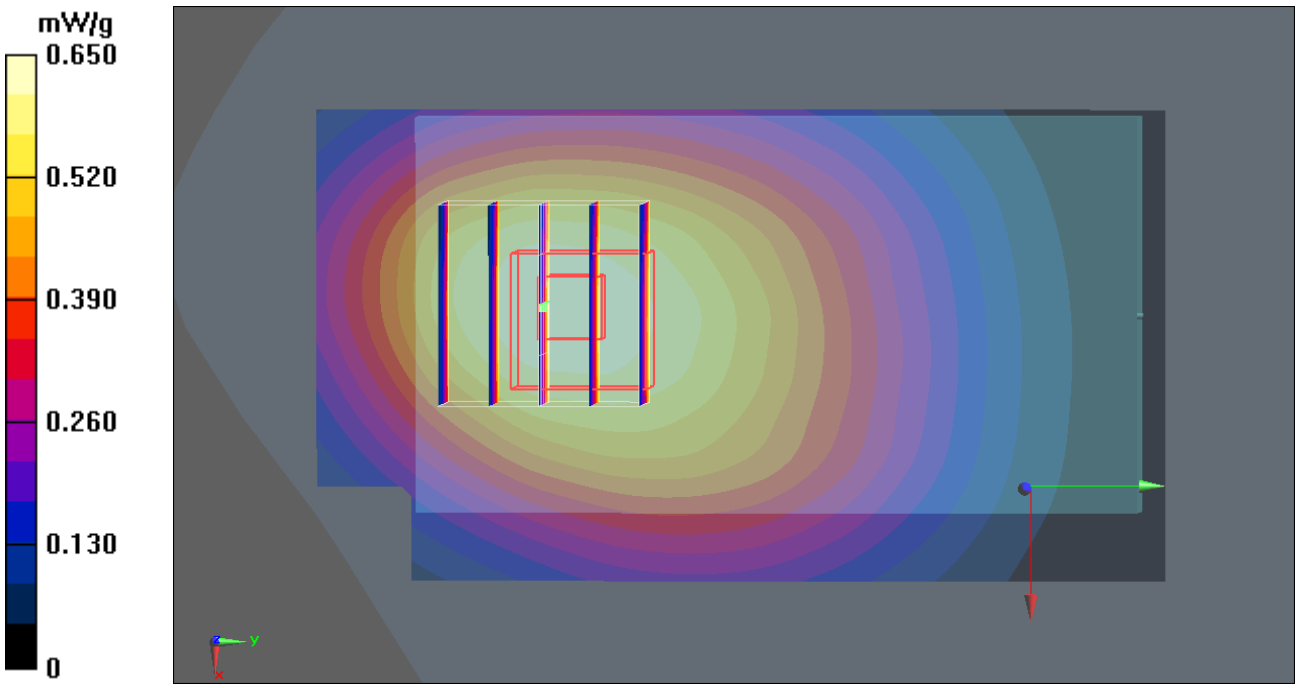
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 847 MHz; σ = 0.981 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.650 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.37 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.457 mW/g
Maximum value of SAR (measured) = 0.650 mW/g


mW/g
0.650
0.520
0.390
0.260
0.130
0
y

#44 WCDMA V_RMC 12.2K_Left Side_1.0cm_Ch4233

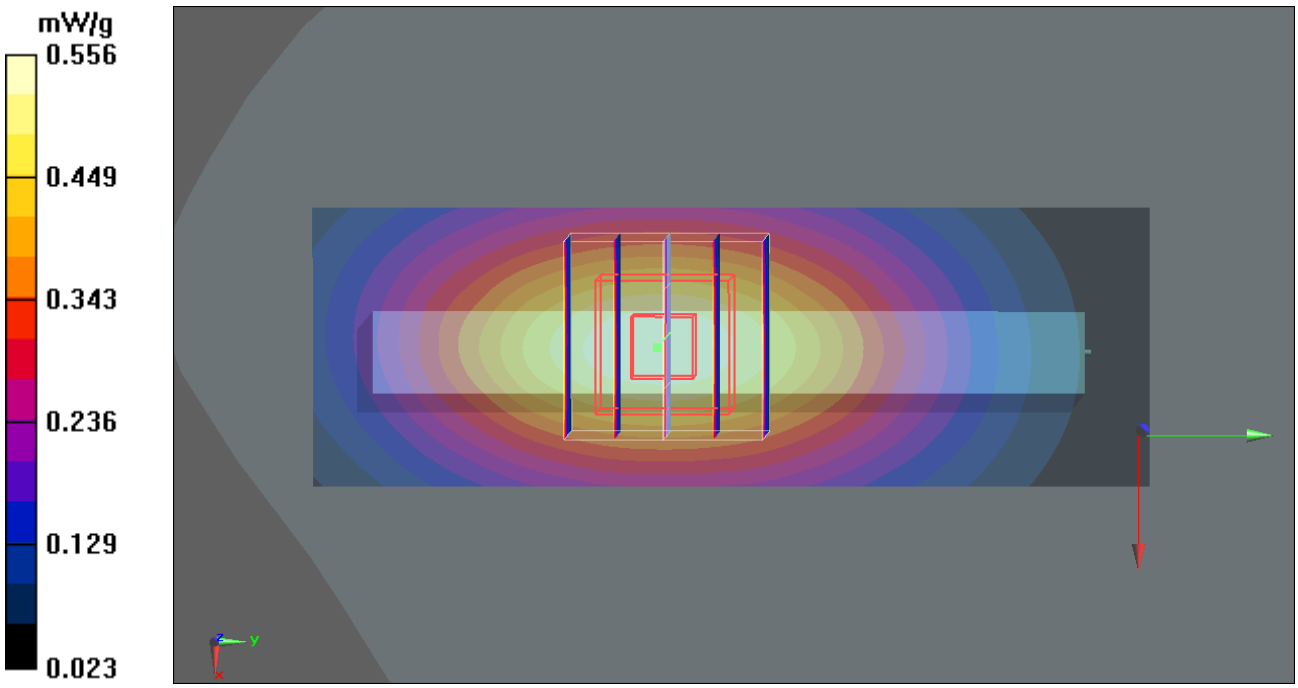
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 847 MHz; σ = 0.981 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.556 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.45 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.752 W/kg
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.562 mW/g


mW/g
0.556
0.449
0.343
0.236
0.129
0.023

#45 WCDMA V_RMC 12.2K_Right Side_1.0cm_Ch4233

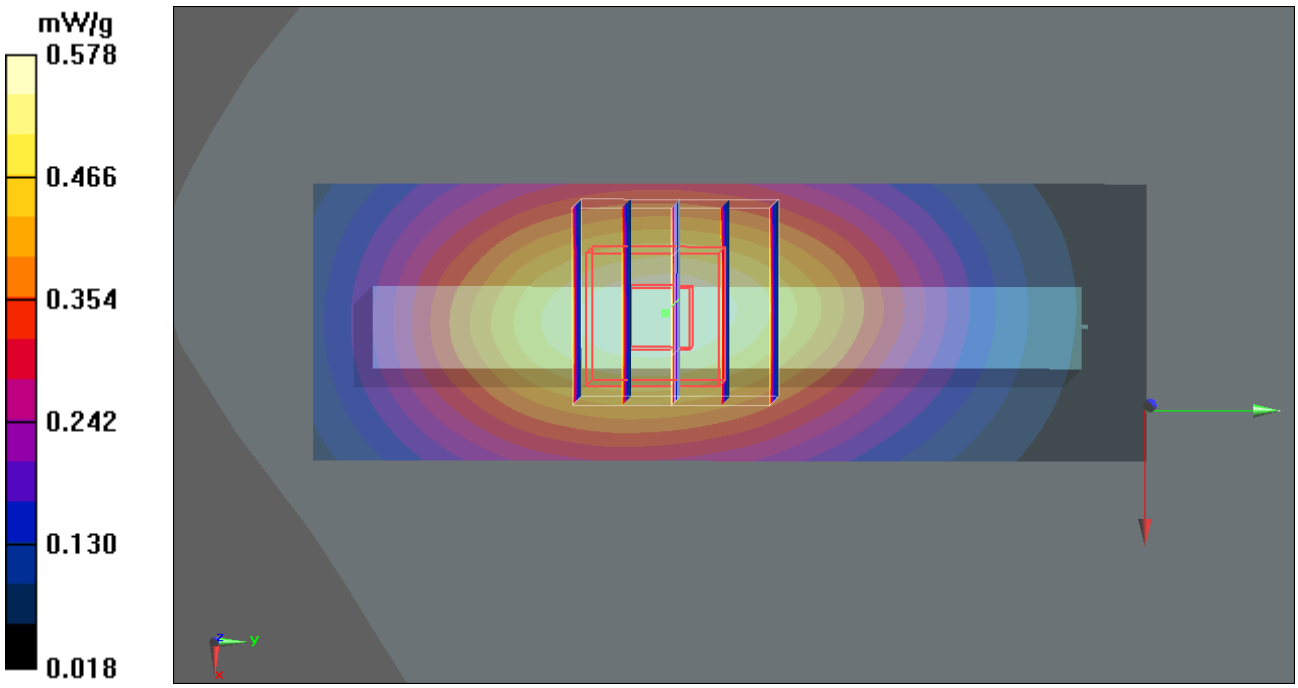
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 847 MHz; σ = 0.981 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.078 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.08 V/m; Power Drift = 0.089 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.582 mW/g


mW/g
0.578
0.466
0.354
0.242
0.130
0.018

#47 WCDMA V_RMC 12.2K_Bottom Side_1.0cm_Ch4233

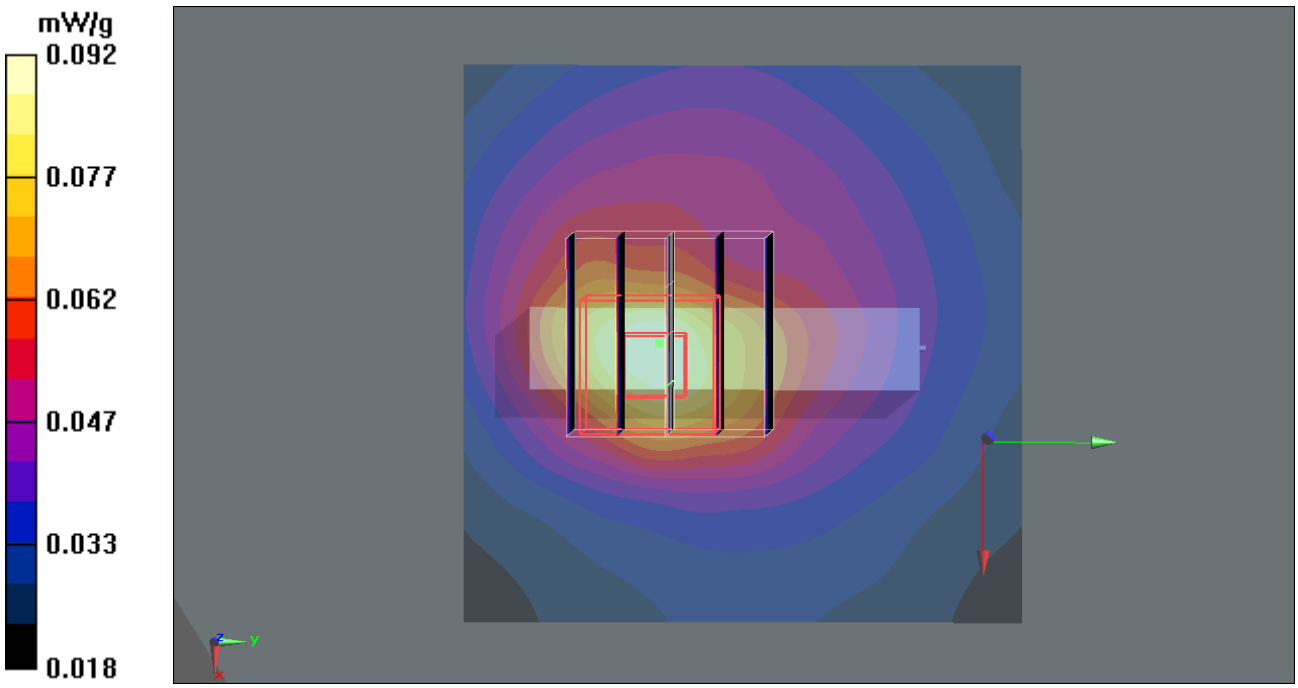
DUT: 092901

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110310 Medium parameters used: f = 847 MHz; σ = 0.981 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch4233/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.092 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.18 V/m; Power Drift = 0.061 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.093 mW/g


mW/g
0.092
0.077
0.062
0.047
0.033
0.018

#51 WCDMA II_RMC 12.2K_Rear Face_1.0cm_Ch9538

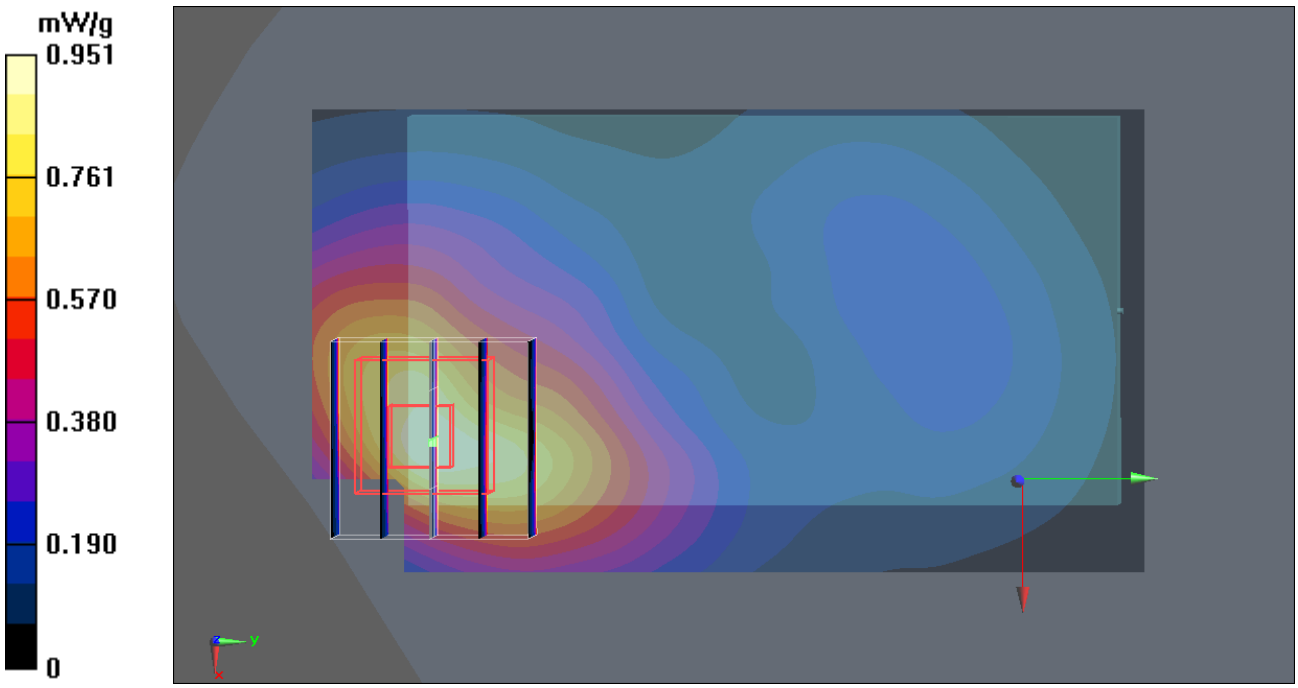
DUT: 092901

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.951 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.05 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.500 mW/g
Maximum value of SAR (measured) = 0.963 mW/g


mW/g
0.951
0.761
0.570
0.380
0.190
0

#59 WCDMA II_RMC 12.2K_Front Face_1.0cm_Ch9262

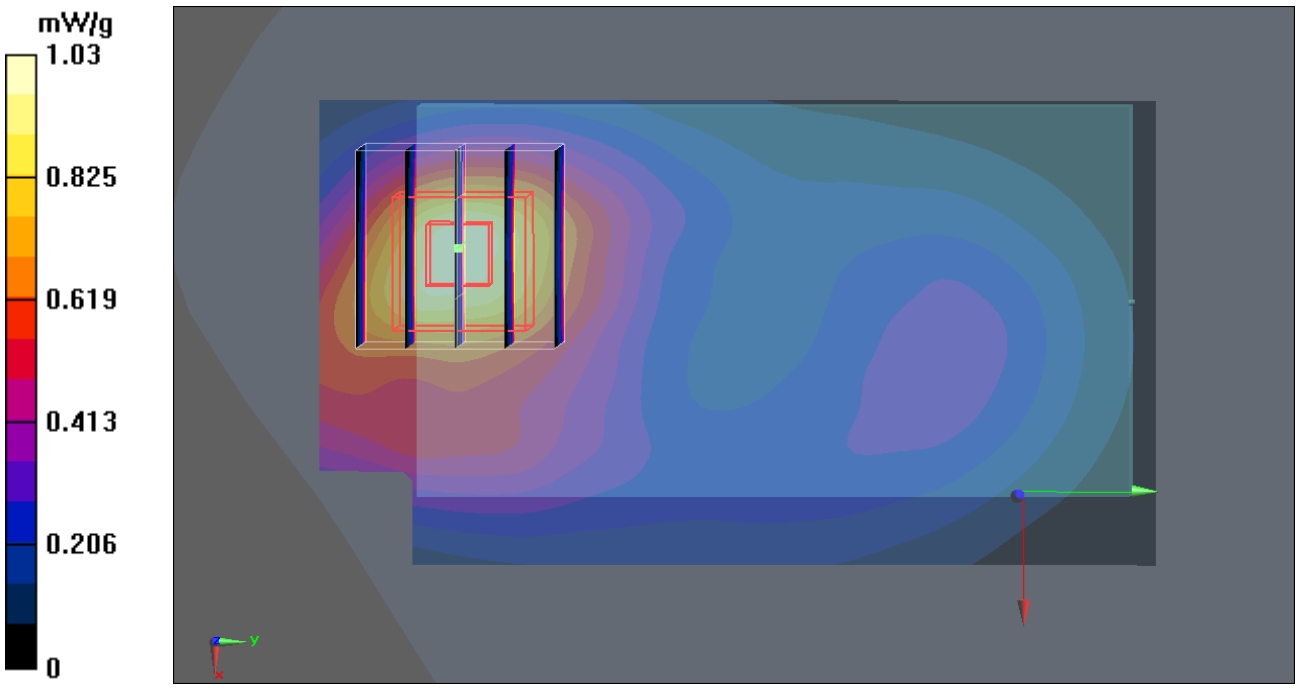
DUT: 092901

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.3 V/m; Power Drift = 1.08 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.543 mW/g
Maximum value of SAR (measured) = 1.07 mW/g


mW/g
1.03
0.825
0.619
0.413
0.206
0

#53 WCDMA II_RMC 12.2K_Left Side_1.0cm_Ch9538

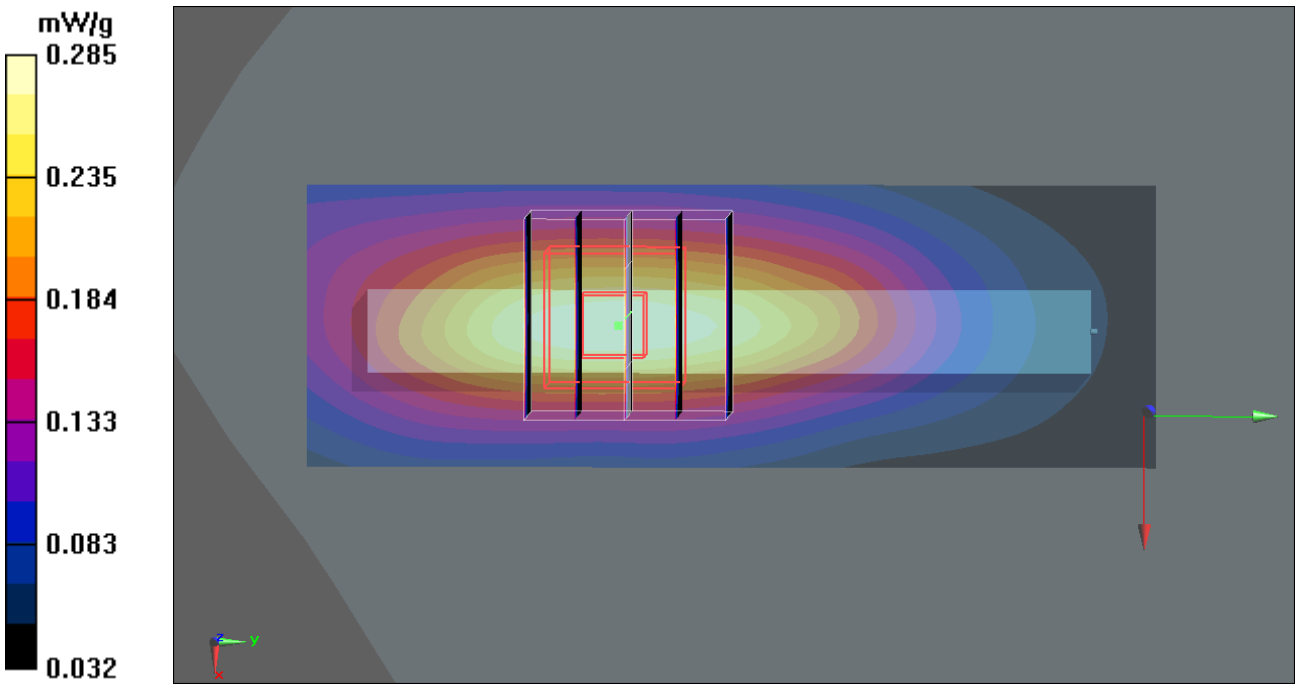
DUT: 092901

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.285 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.66 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.284 mW/g


mW/g
0.285
0.235
0.184
0.133
0.083
0.032

#54 WCDMA II_RMC 12.2K_Right Side_1.0cm_Ch9538

DUT: 092901

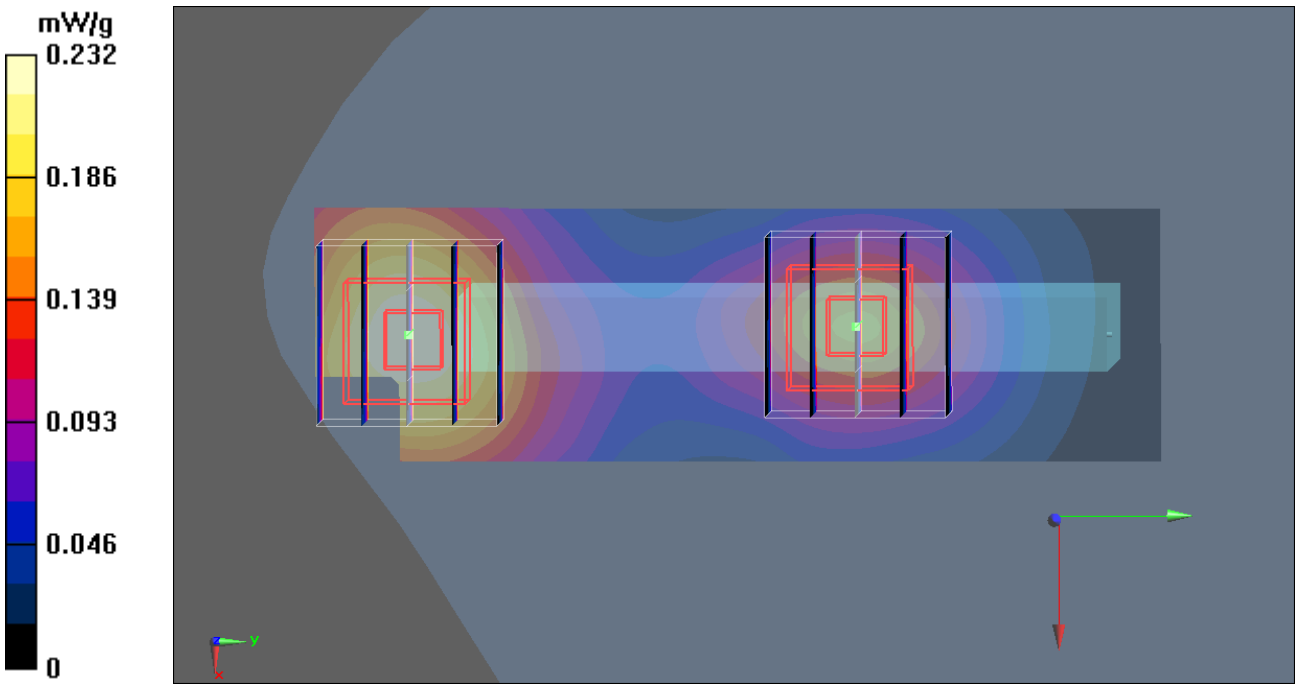
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.232 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.74 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.238 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.74 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.175 mW/g


mW/g
0.232
0.186
0.139
0.093
0.046
0

#61 WCDMA II_RMC 12.2K_Bottom Side_1.0cm_Ch9262

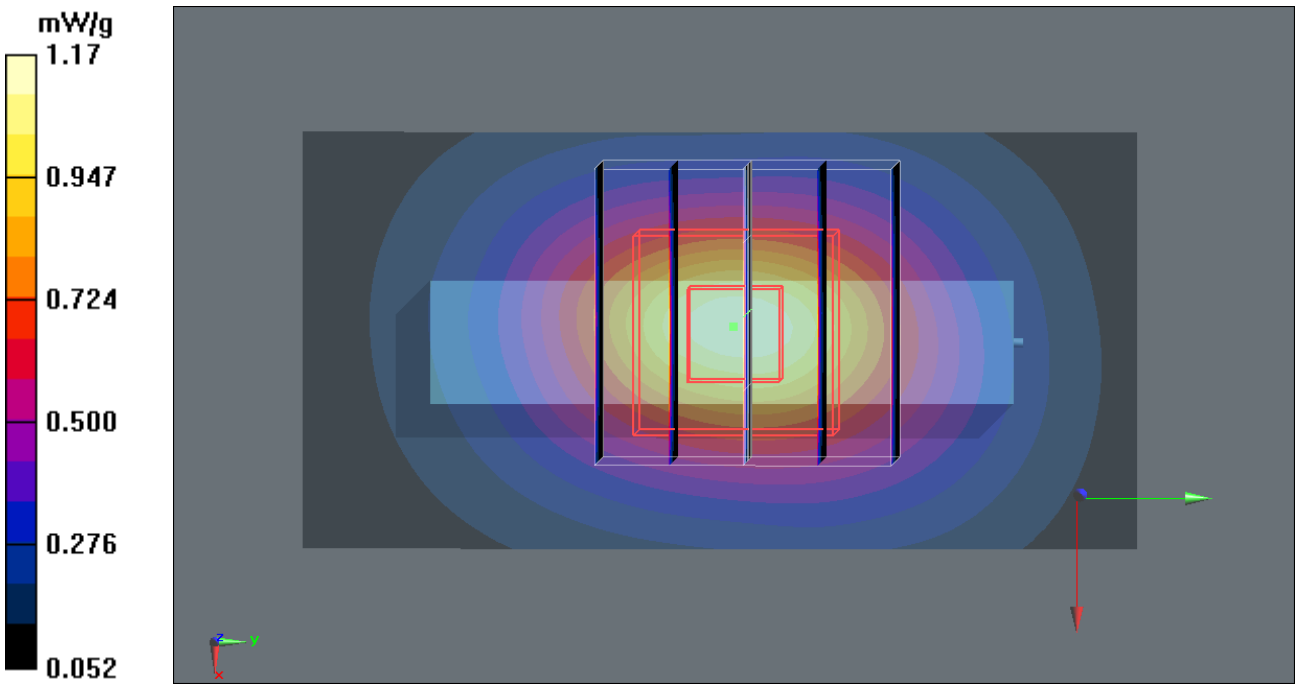
DUT: 092901

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9262/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.2 mW/g


mW/g
1.17
0.947
0.724
0.500
0.276
0.052

#61 WCDMA II_RMC 12.2K_Bottom Side_1.0cm_Ch9262_2D

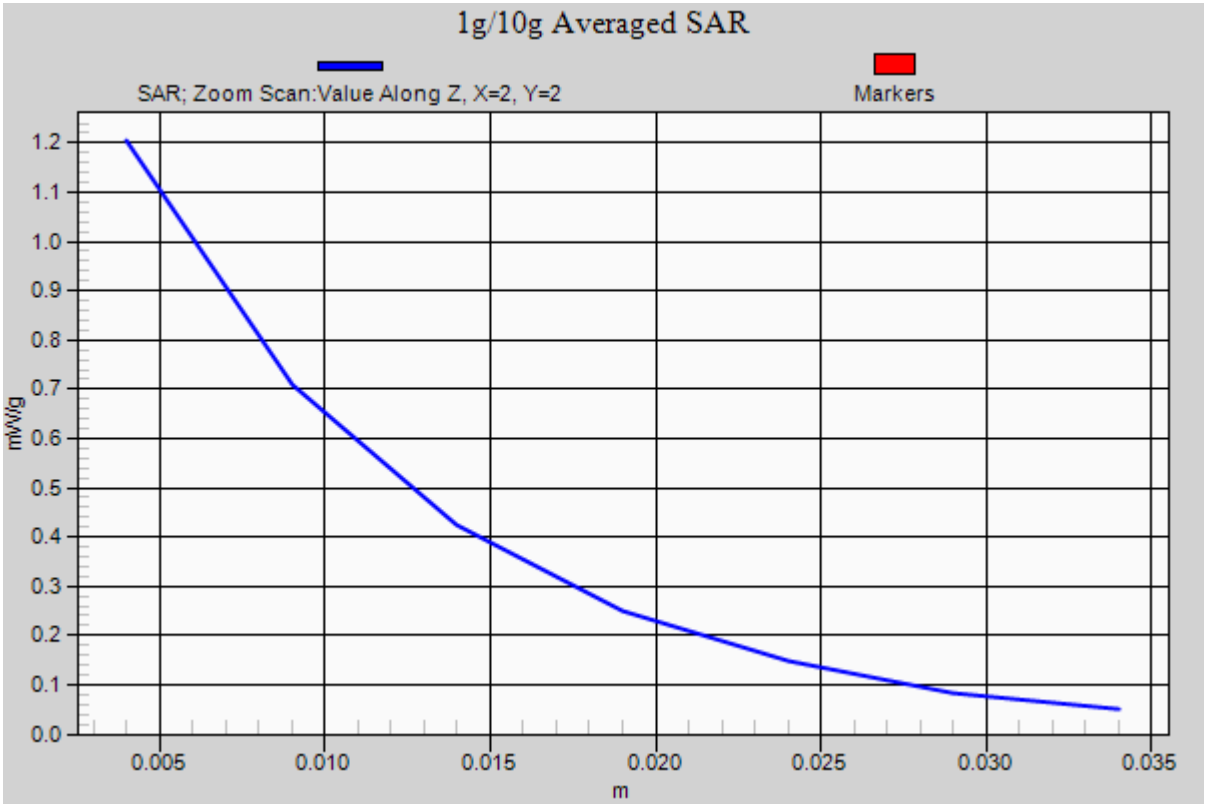
DUT: 092901

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110310 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch9262/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.2 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m