#102 802.11b_Right Cheek_Ch6_Sample1_Battery1

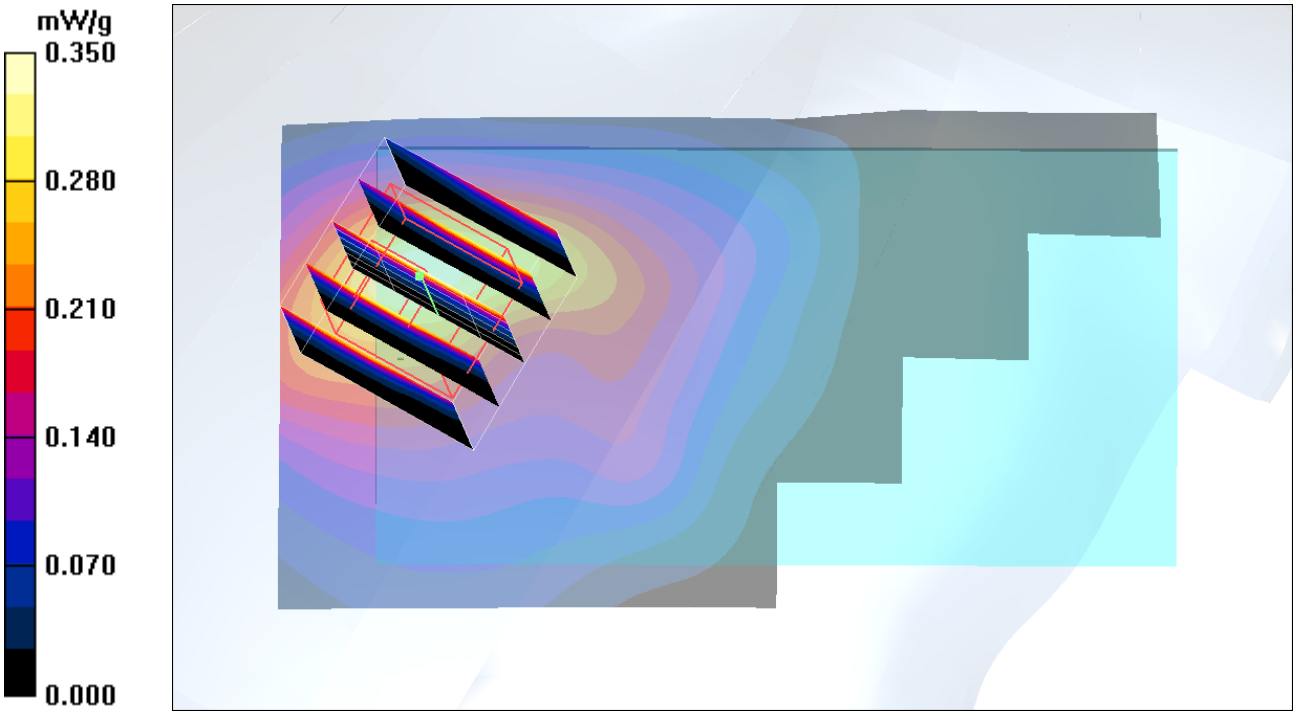
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.350 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.342 mW/g


mW/g
0.350
0.280
0.210
0.140
0.070
0.000

#103 802.11b_Right Tilted_Ch6_Sample1_Battery1

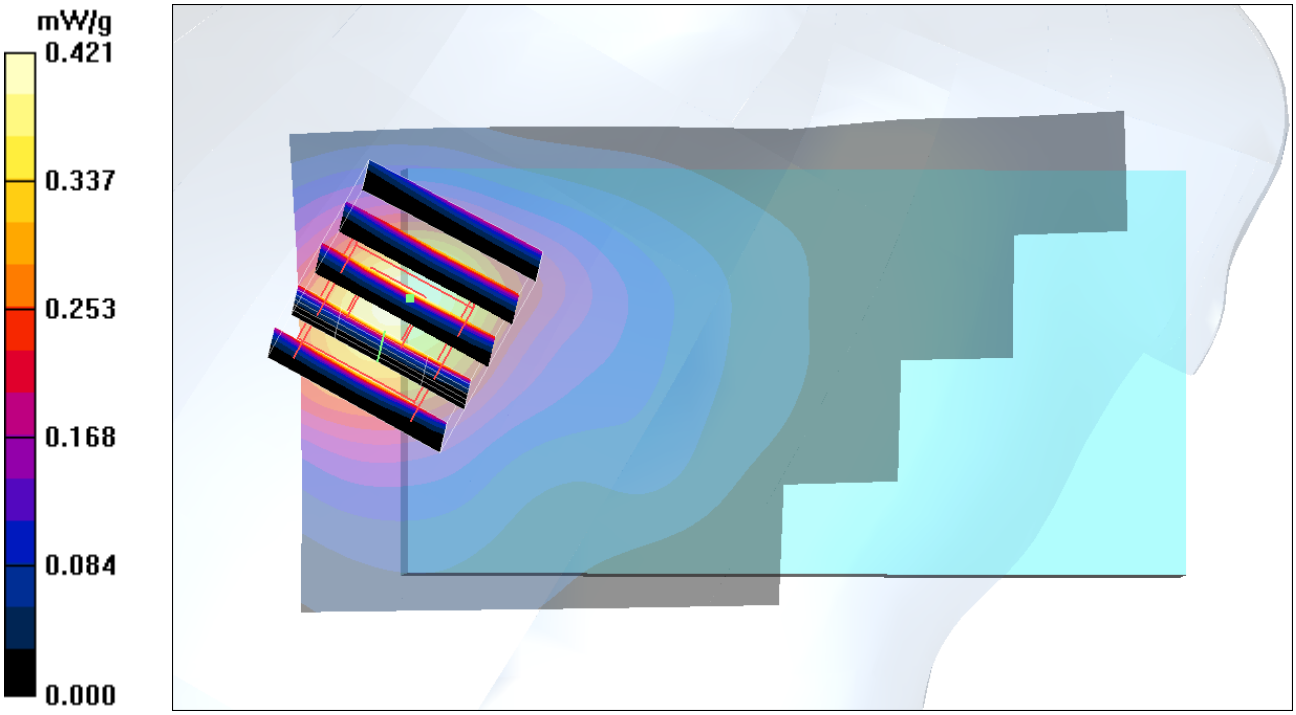
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.421 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.852 W/kg
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 0.460 mW/g


mW/g
0.421
0.337
0.253
0.168
0.084
0.000

#104 802.11b_Left Cheek_Ch6_Sample1_Battery1

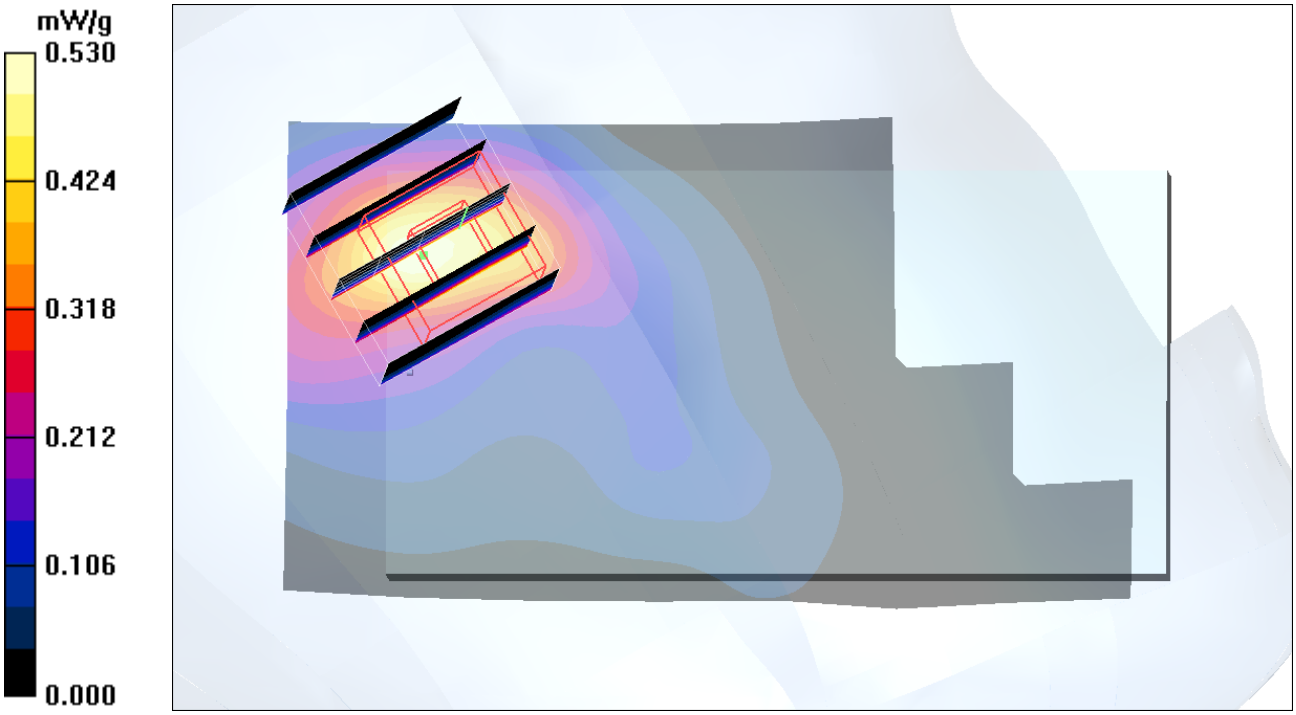
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.530 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.94 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.550 mW/g


mW/g
0.530
0.424
0.318
0.212
0.106
0.000

#104 802.11b_Left Cheek_Ch6_Sample1_Battery1_2D

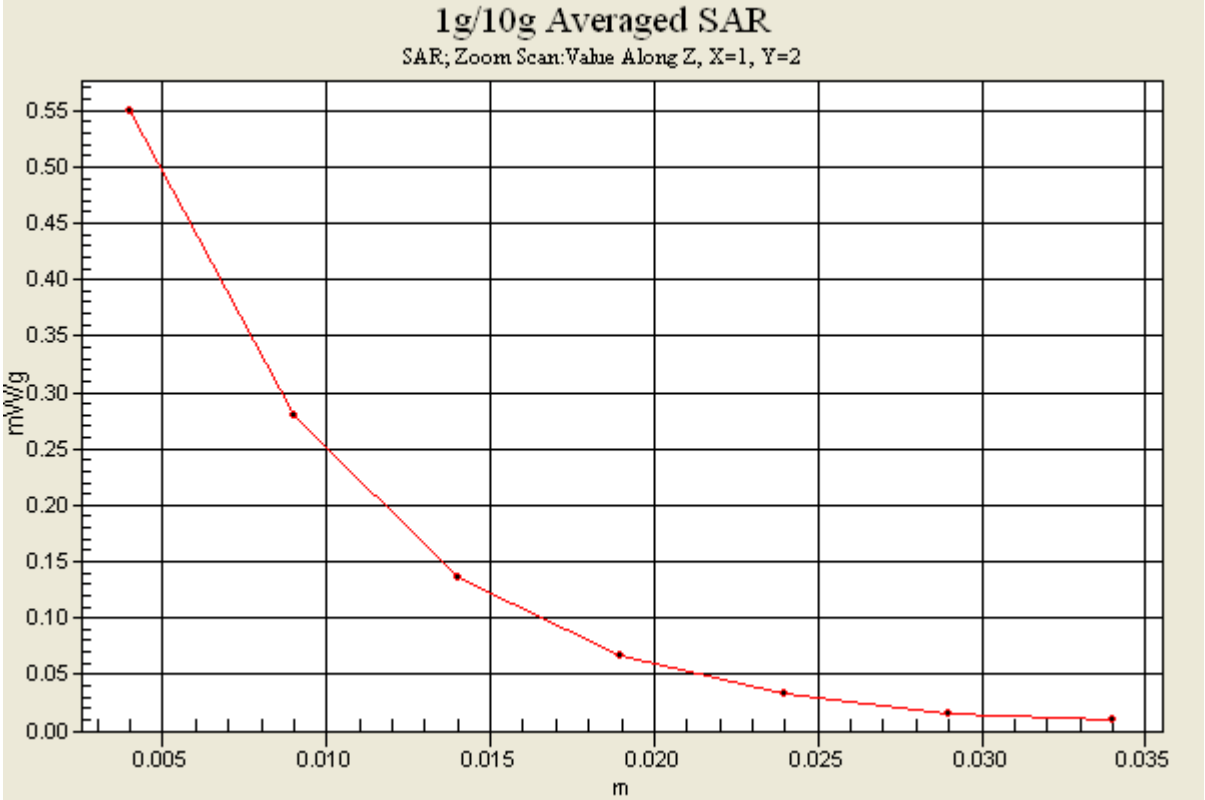
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.530 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.94 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.550 mW/g


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

#105 802.11b_Left Tilted_Ch6_Sample1_Battery1

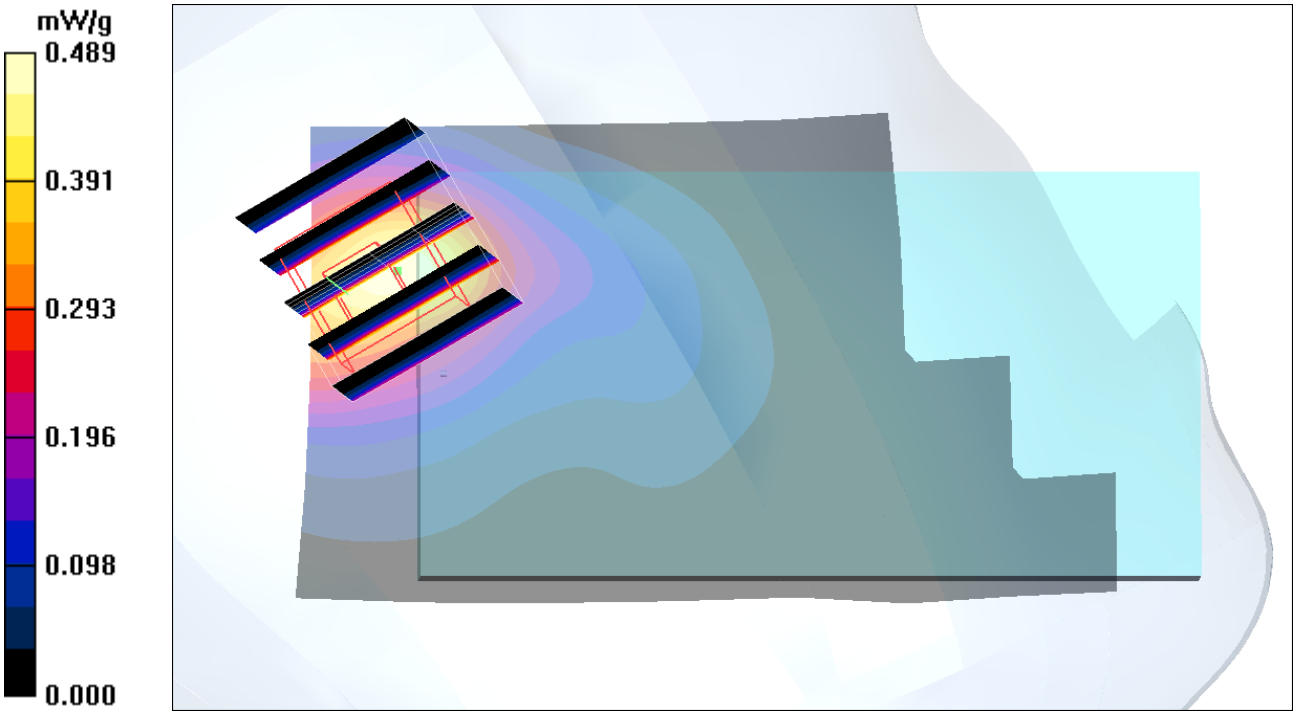
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.489 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.959 W/kg
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.507 mW/g


mW/g
0.489
0.391
0.293
0.196
0.098
0.000

#106 802.11b_Left Cheek_Ch6_Sample2_Battery2

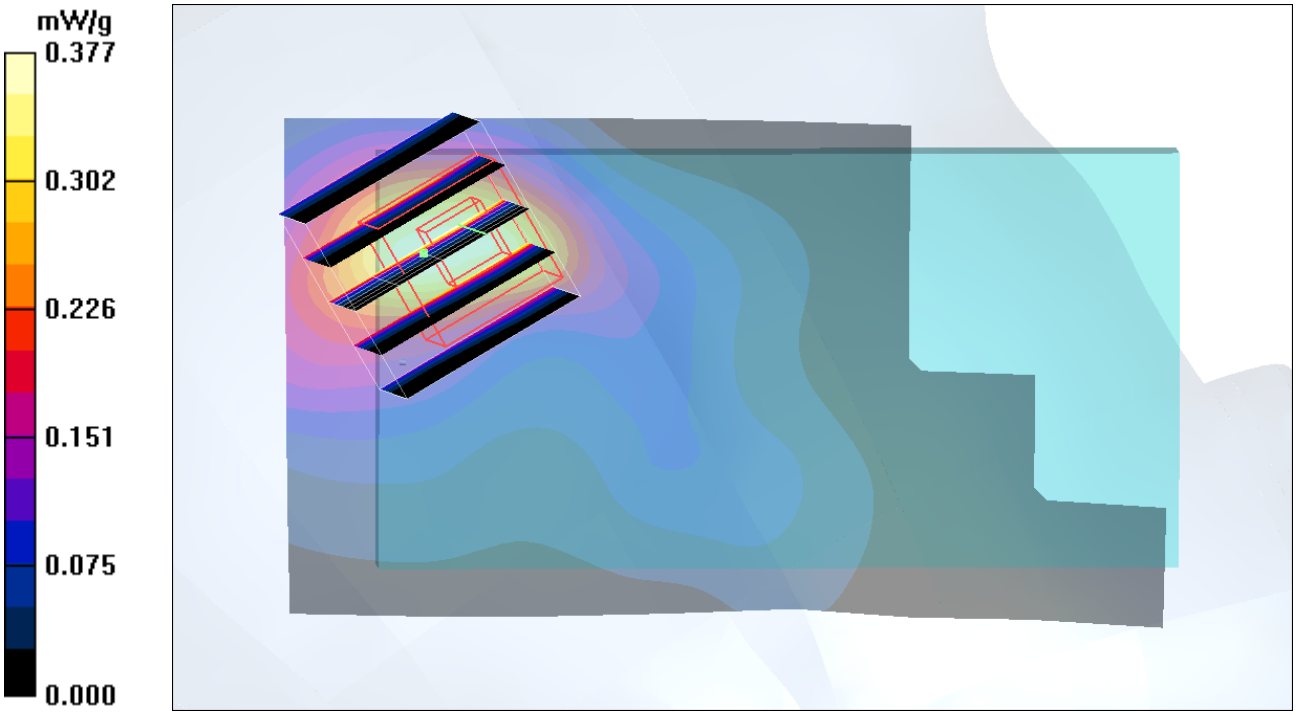
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.377 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.82 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.444 mW/g


mW/g
0.377
0.302
0.226
0.151
0.075
0.000

#107 802.11b_Left Cheek_Ch6_Sample1_Battery3

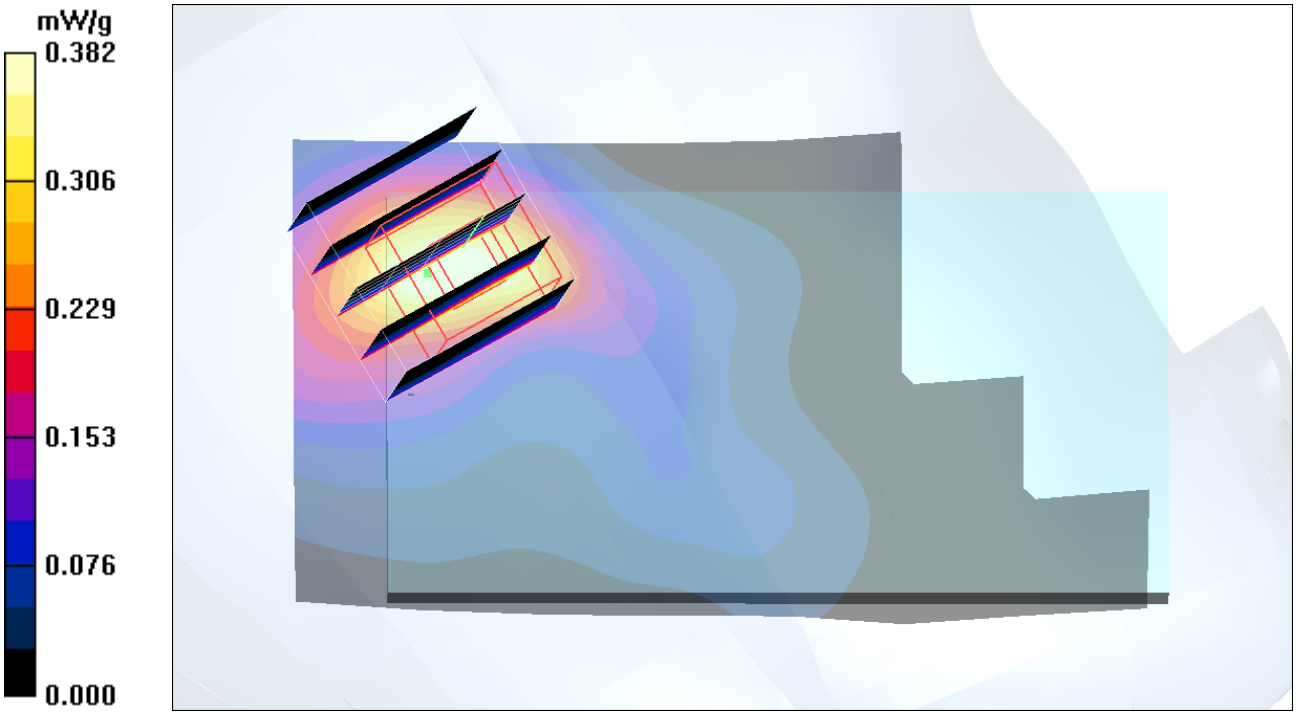
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.84 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.2, 4.2, 4.2); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.382 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.15 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.438 mW/g


mW/g
0.382
0.306
0.229
0.153
0.076
0.000

#91 802.11b_Face_1cm_Ch6_Sample1_Battery1

DUT: 141115-01

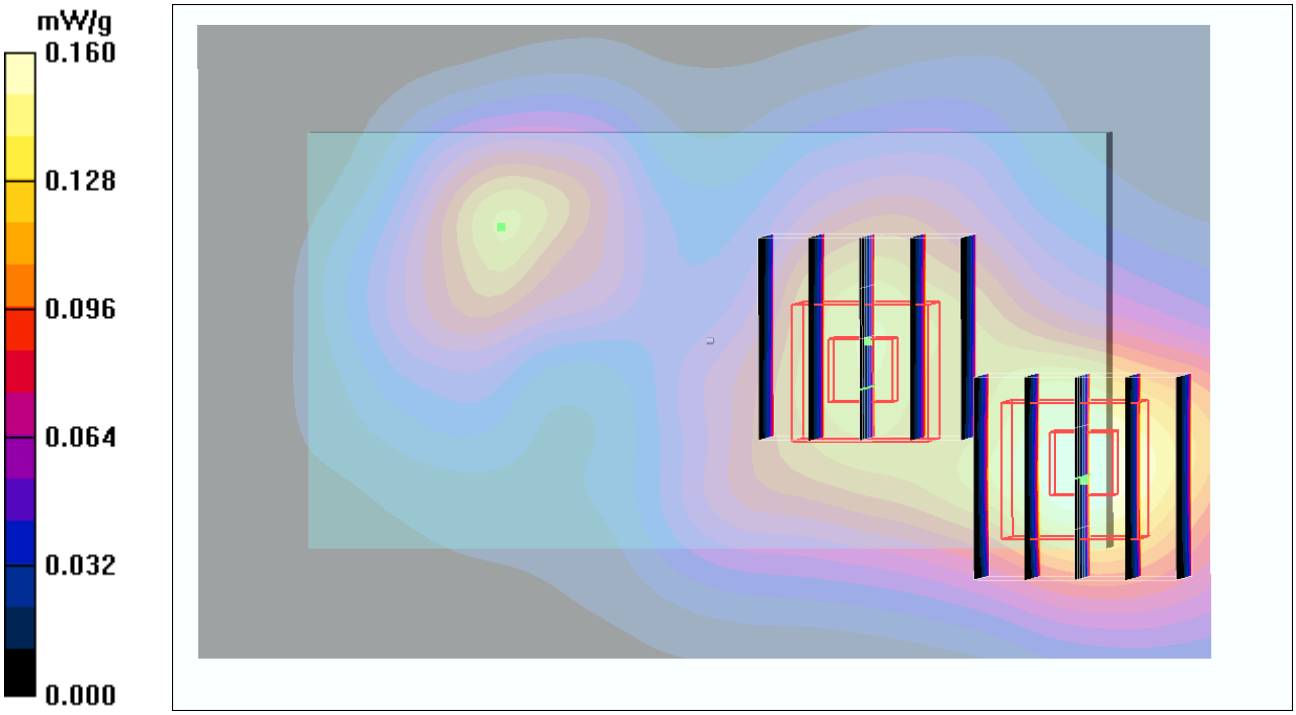
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.160 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.41 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.163 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.41 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.125 mW/g


mW/g
0.160
0.128
0.096
0.064
0.032
0.000

#92 802.11b_Bottom_1cm_Ch6_Sample1_Battery1

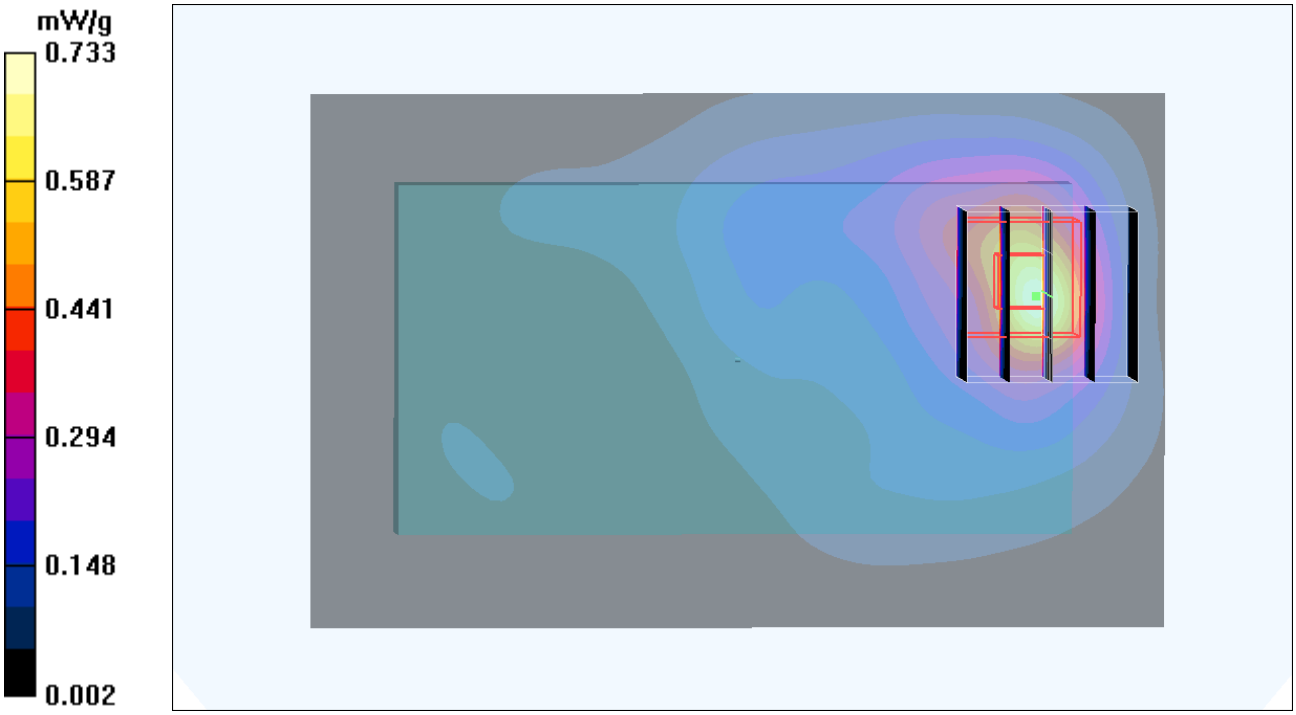
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.733 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.23 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.824 mW/g


mW/g
0.733
0.587
0.441
0.294
0.148
0.002

#93 802.11b_Top Side_1cm_Ch6_Sample1_Battery1

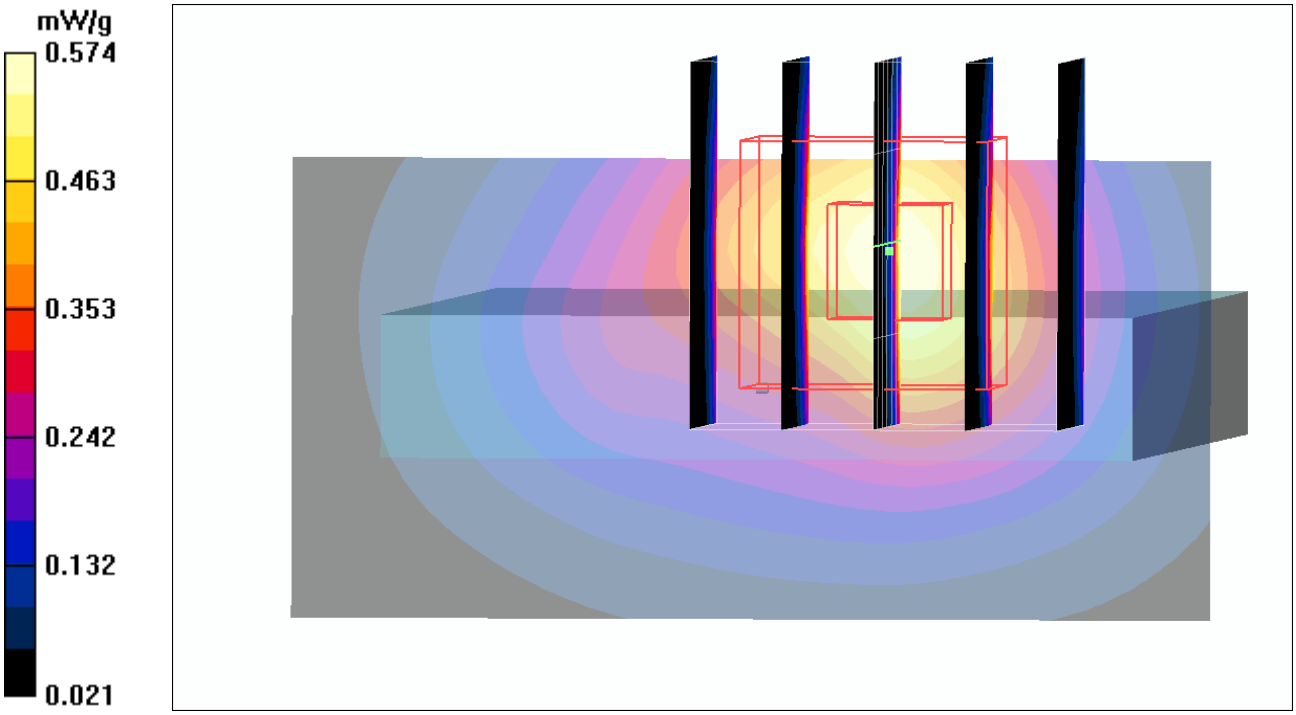
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.574 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.674 mW/g


mW/g
0.574
0.463
0.353
0.242
0.132
0.021

#94 802.11b_Down Side_1cm_Ch6_Sample1_Battery1

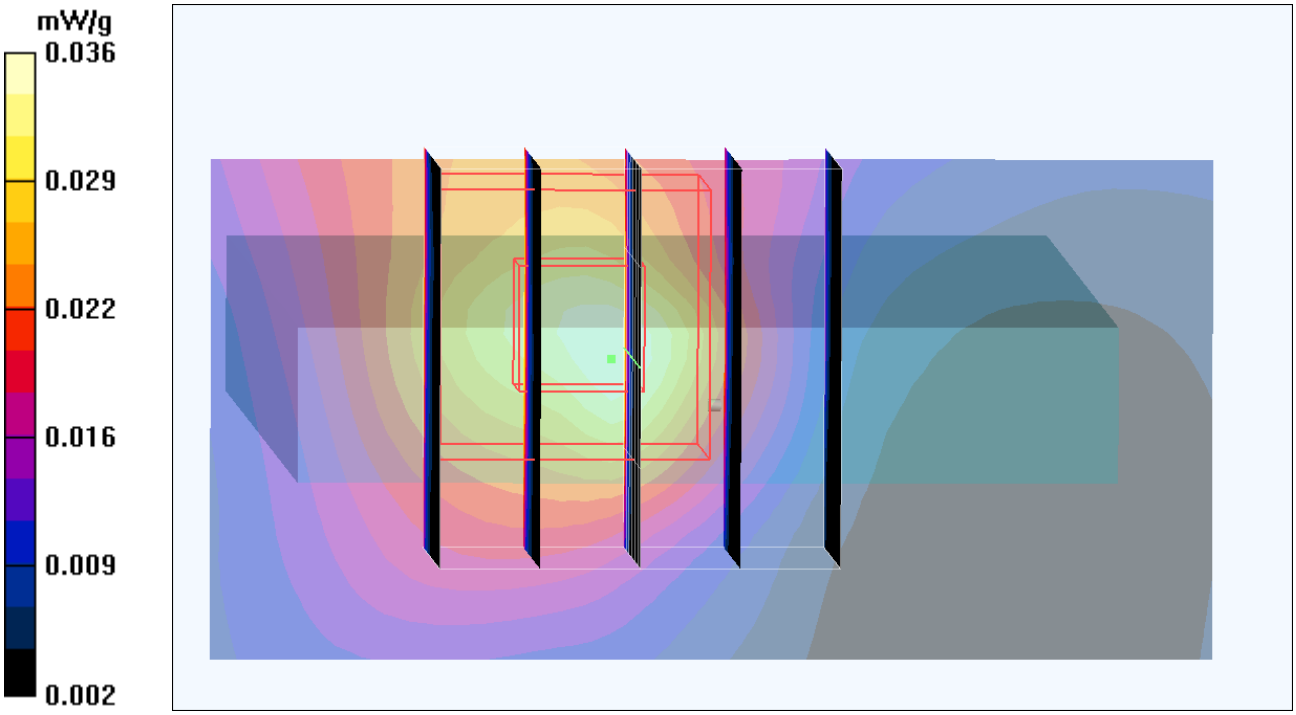
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
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 = 3.50 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.059 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.033 mW/g


mW/g
0.036
0.029
0.022
0.016
0.009
0.002

#95 802.11b_Left Side_1cm_Ch6_Sample1_Battery1

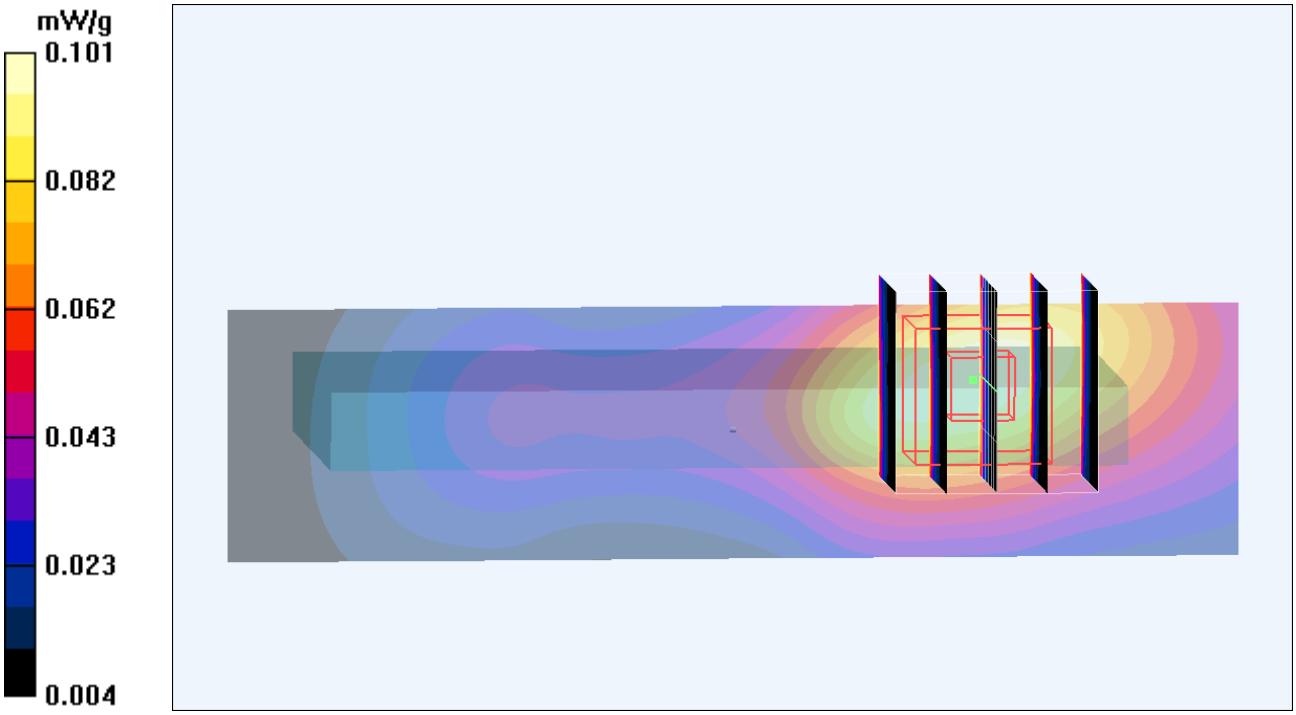
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.40 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (21x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.101 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.74 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.095 mW/g


mW/g
0.101
0.082
0.062
0.043
0.023
0.004

#96 802.11b_Right Side_1cm_Ch6_Sample1_Battery1

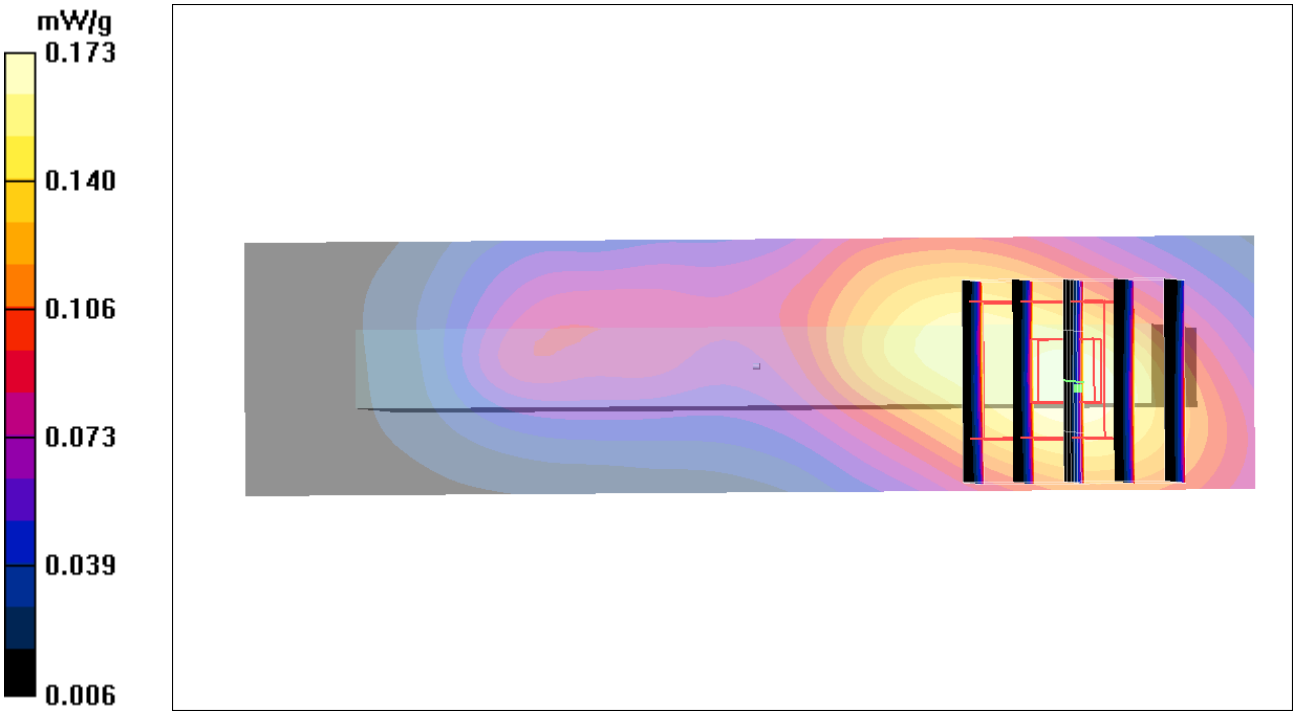
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (21x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.173 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.03 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.162 mW/g


mW/g
0.173
0.140
0.106
0.073
0.039
0.006

#97 802.11b_Bottom_1cm_Ch6_Sample2_Battery2

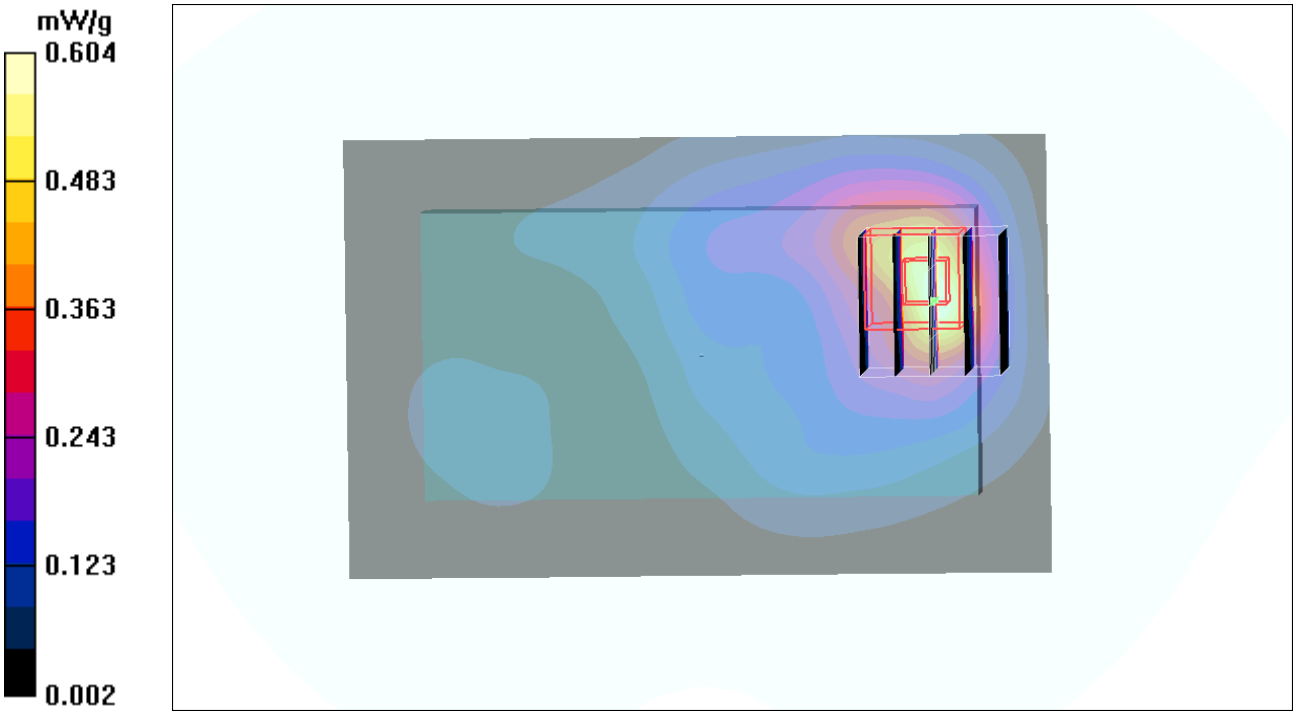
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2412 MHz; σ = 1.95 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.604 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.37 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.844 mW/g


mW/g
0.604
0.483
0.363
0.243
0.123
0.002

#98 802.11b_Bottom_1cm_Ch6_Sample1_Battery3

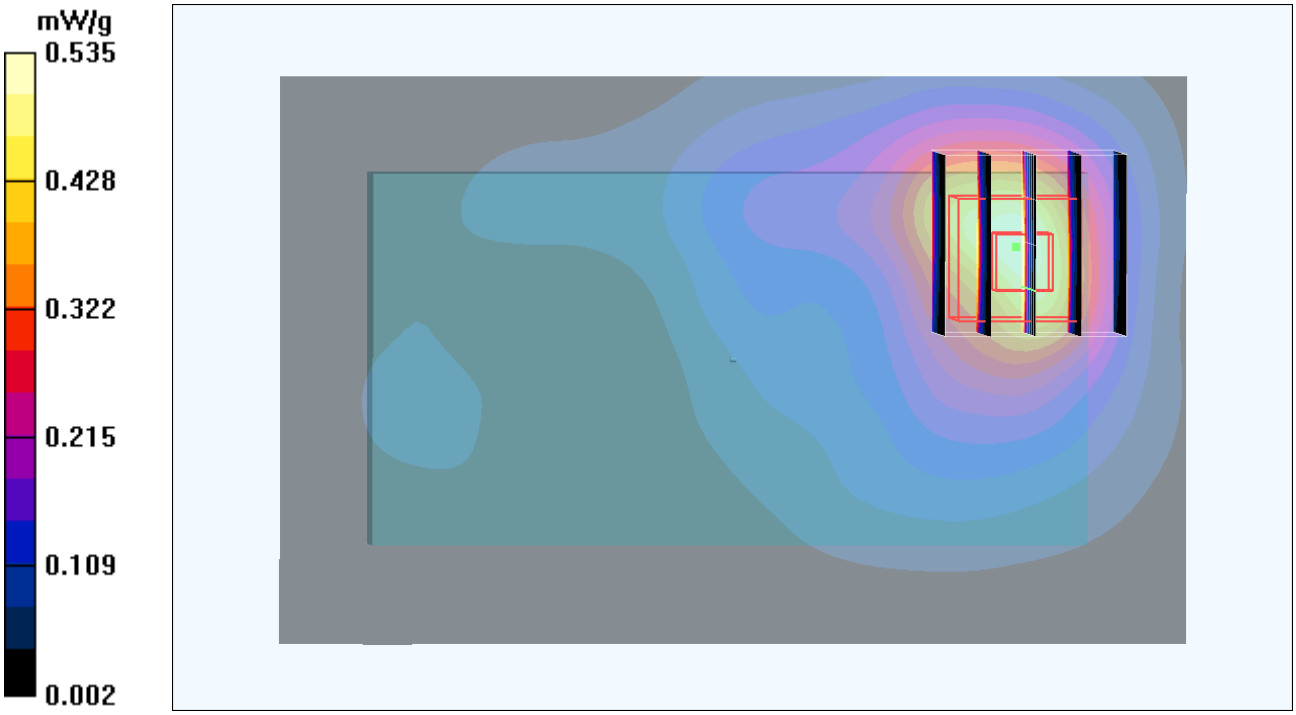
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.535 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.14 V/m; Power Drift = 0.154 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 0.877 mW/g


mW/g
0.535
0.428
0.322
0.215
0.109
0.002

#98 802.11b_Bottom_1cm_Ch6_Sample1_Battery3_2D

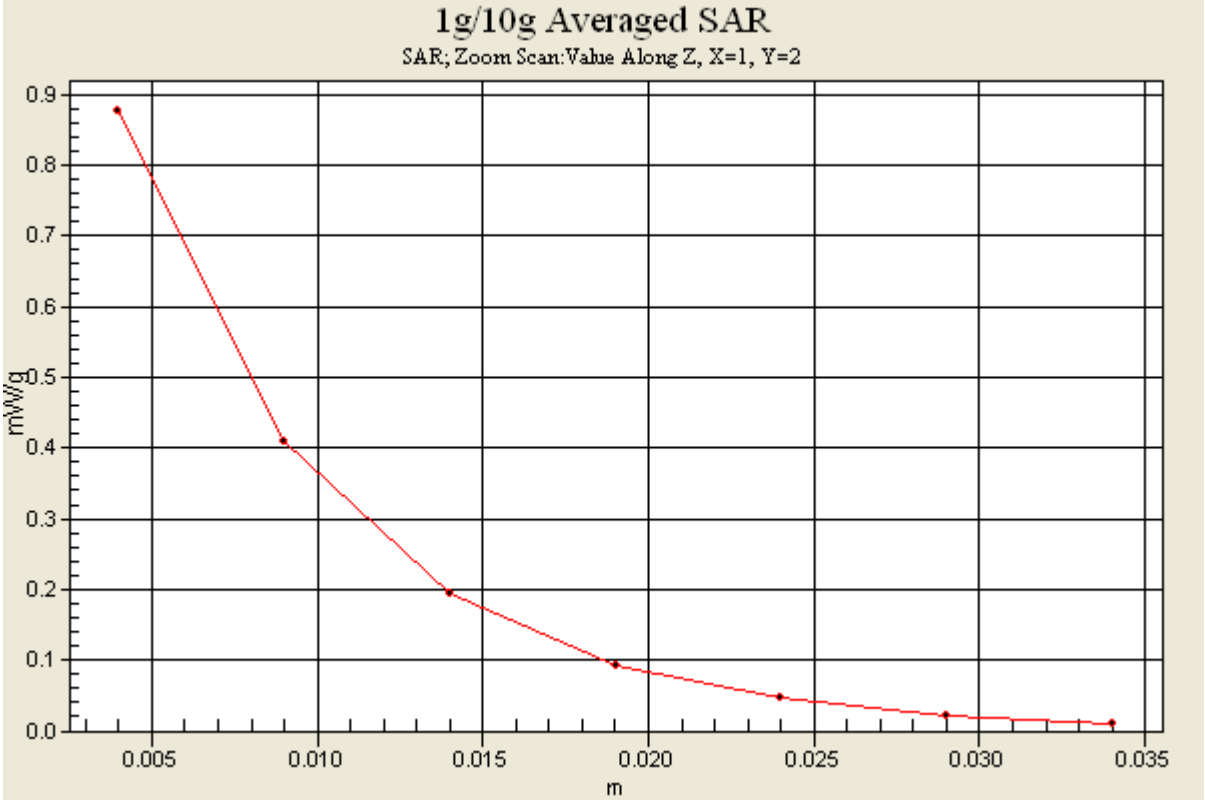
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.535 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.14 V/m; Power Drift = 0.154 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 0.877 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=2
mW/g
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

#99 802.11b_Bottom_1cm_Ch11_Sample1_Battery1_Earphone1

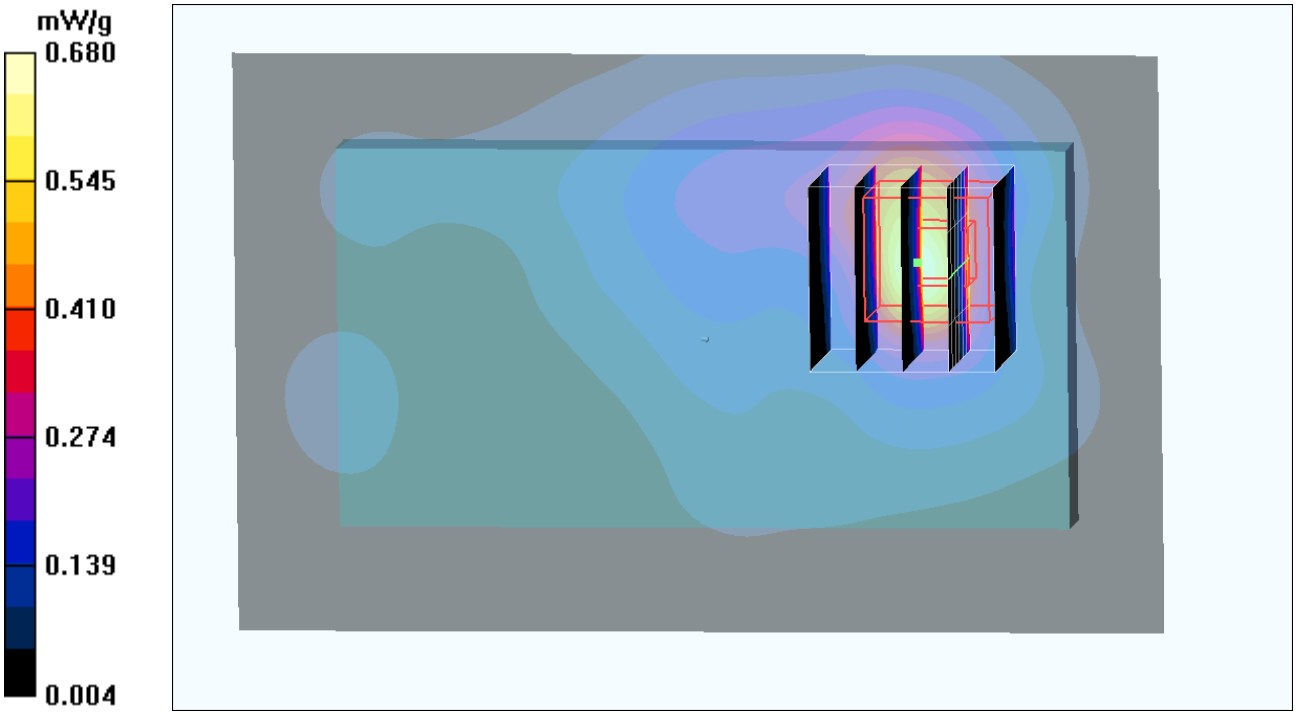
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2412 MHz; σ = 1.95 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.680 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.01 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.717 mW/g


mW/g
0.680
0.545
0.410
0.274
0.139
0.004

#100 802.11b_Bottom_1cm_Ch6_Sample2_Battery2_Earphone2

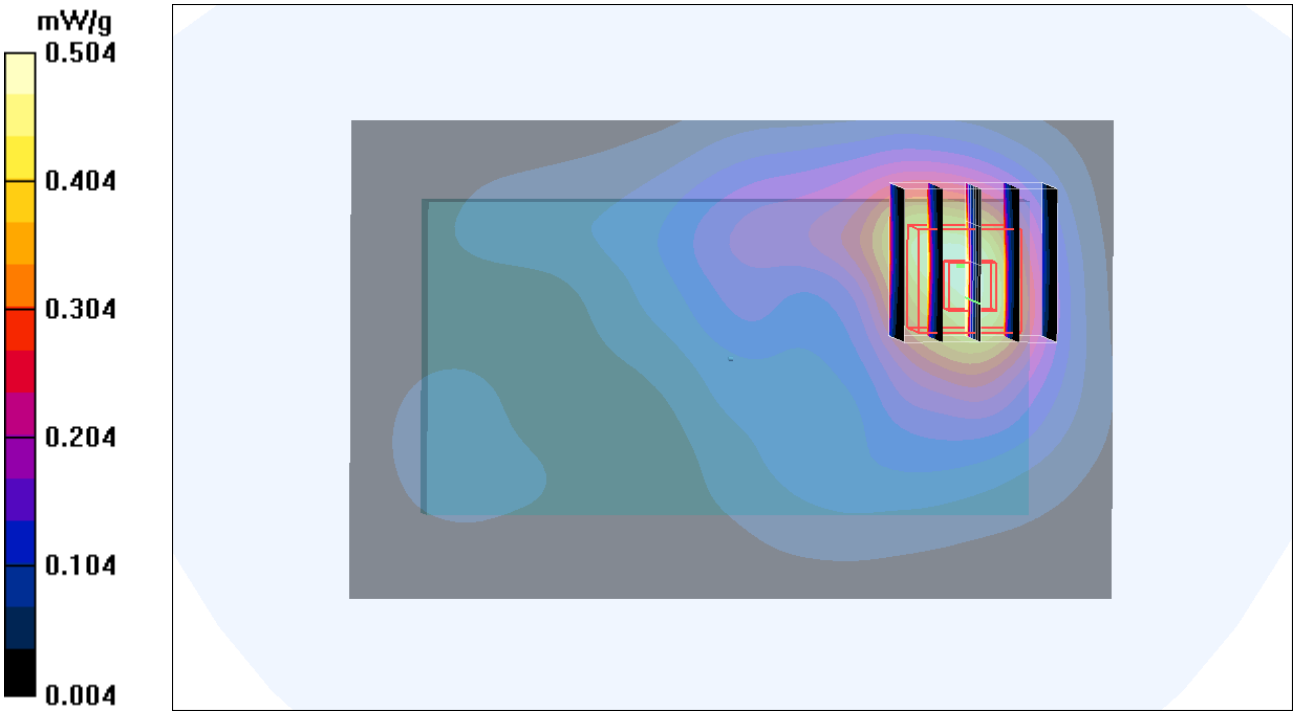
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.504 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.19 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.842 mW/g


mW/g
0.504
0.404
0.304
0.204
0.104
0.004

#101 802.11b_Bottom_1cm_Ch6_Sample1_Battery3_Earphone3

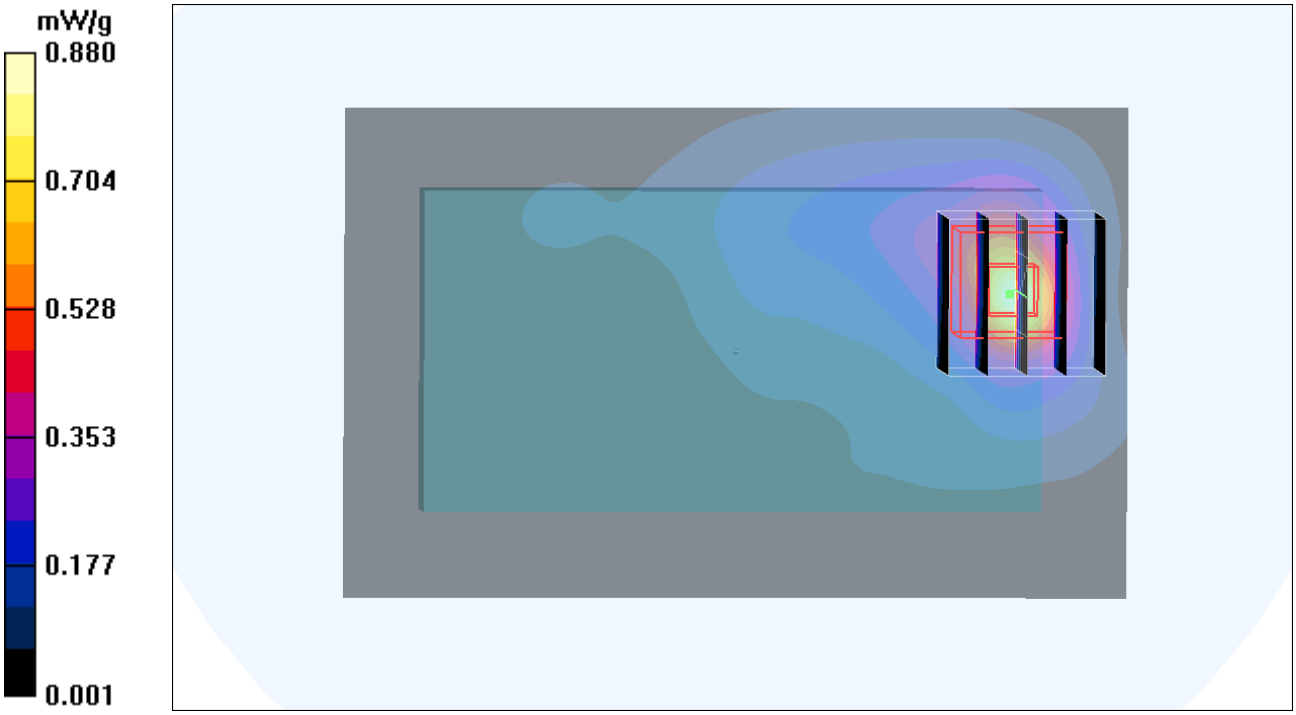
DUT: 141115-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110526 Medium parameters used: f = 2437 MHz; σ = 1.99 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4, 4, 4); Calibrated: 2010/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.880 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.36 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.350 mW/g
Maximum value of SAR (measured) = 0.900 mW/g


mW/g
0.880
0.704
0.528
0.353
0.177
0.001