P01 802.11b_Right Cheek_Ch11_BHT-1171BWB-CE_Battery1_Cover1

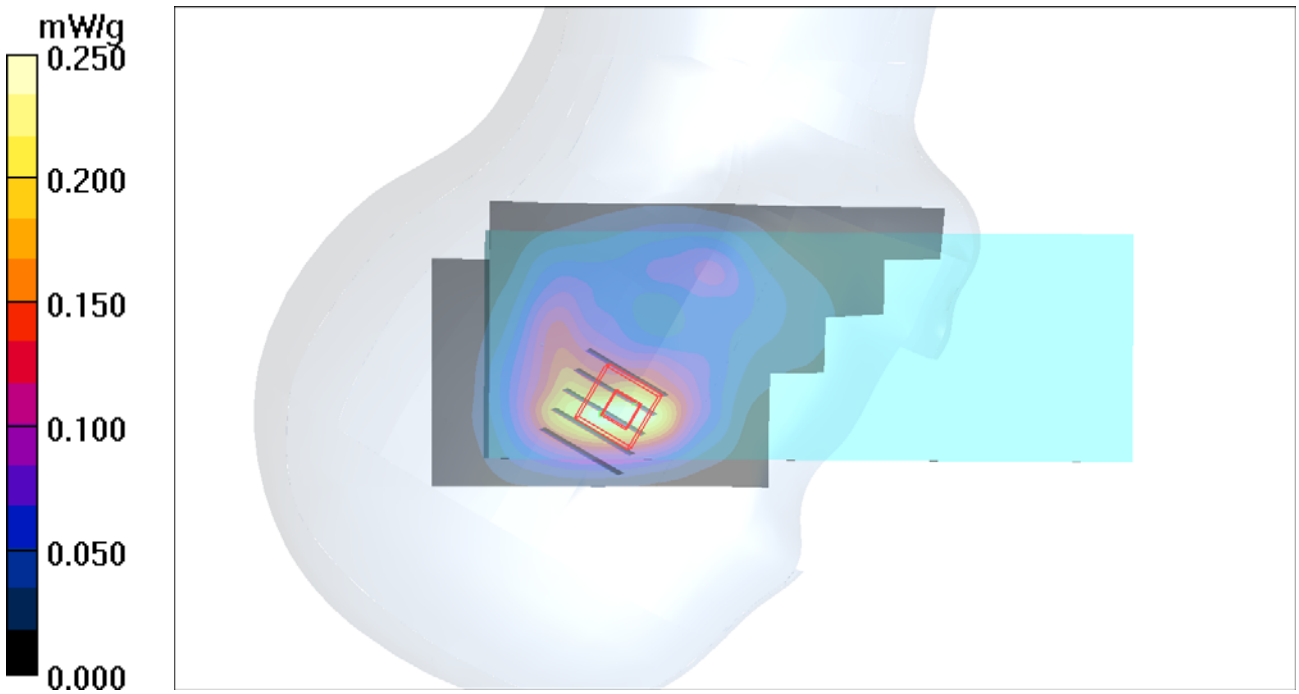
DUT: 120109C19

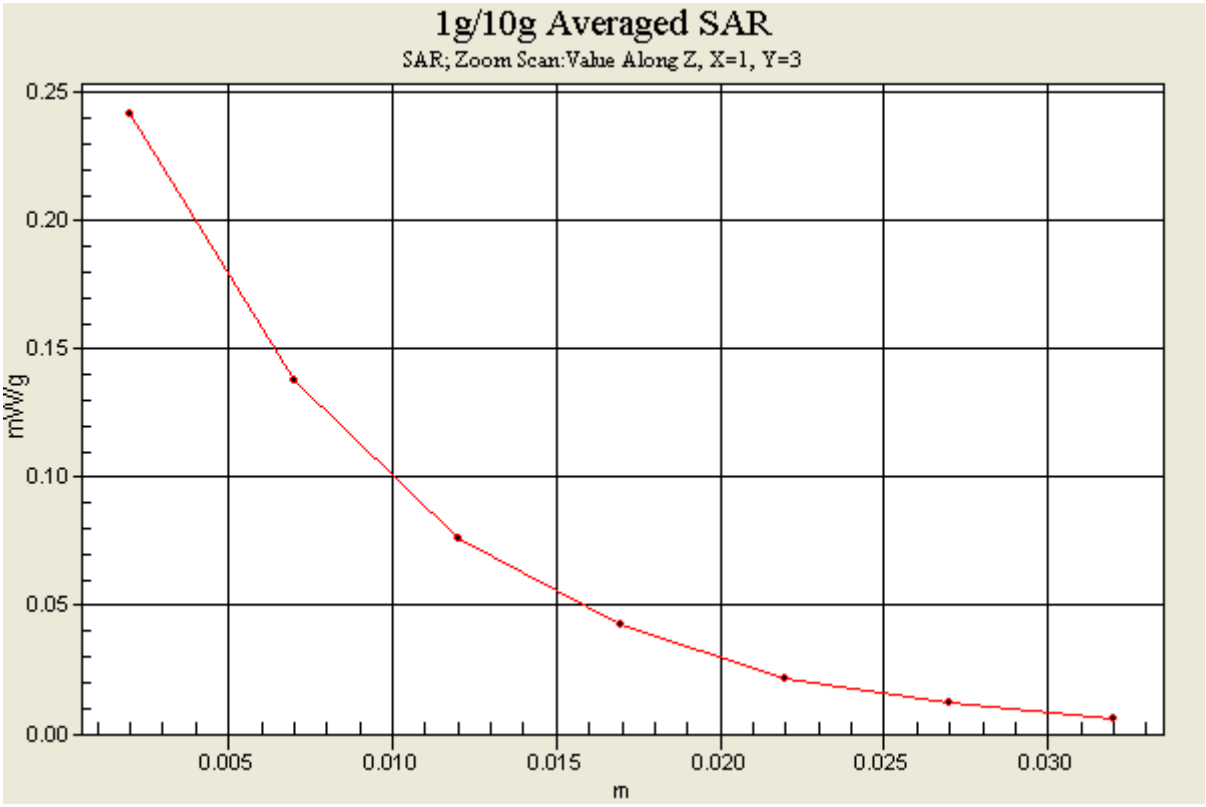
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.86 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.250 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.76 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.242 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=3
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
m

P02 802.11b_Right Cheek_Ch11_BHT-1171BWB-CE_Battery2_Cover2

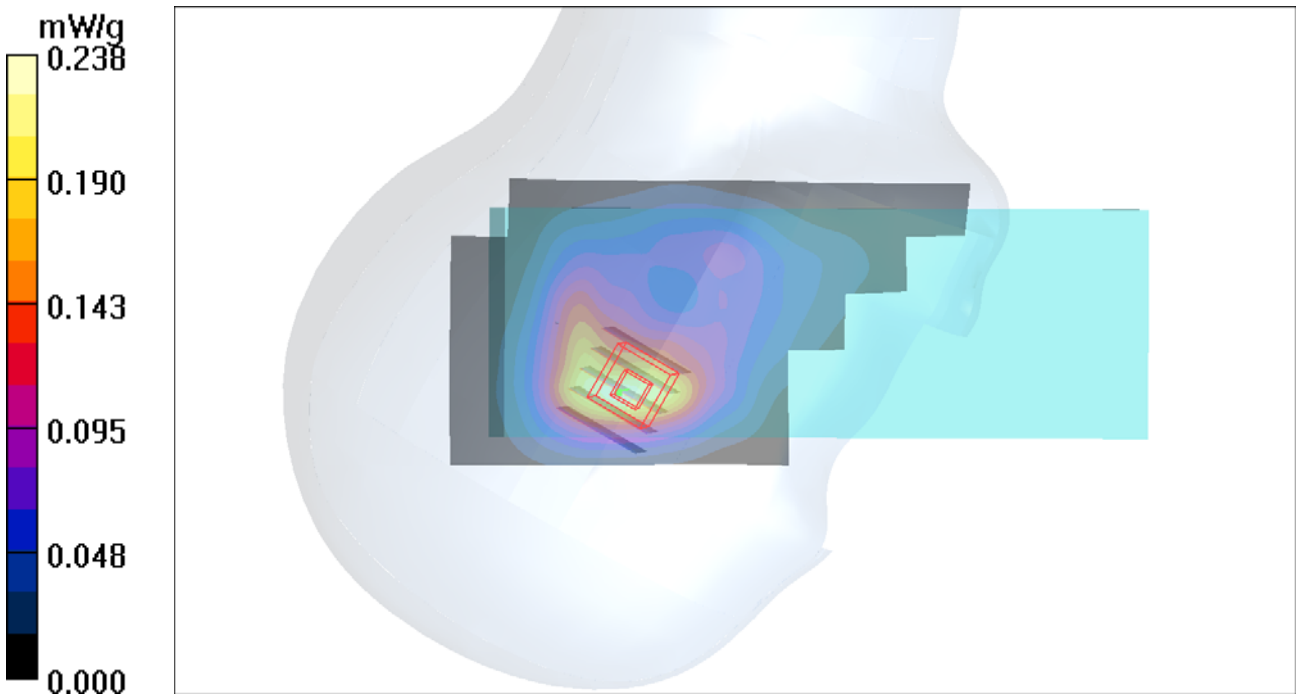
DUT: 120109C19

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.86 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.238 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.94 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.217 mW/g



P03 802.11b_Right Tilted_Ch11_BHT-1171BWB-CE_Battery1_Cover1

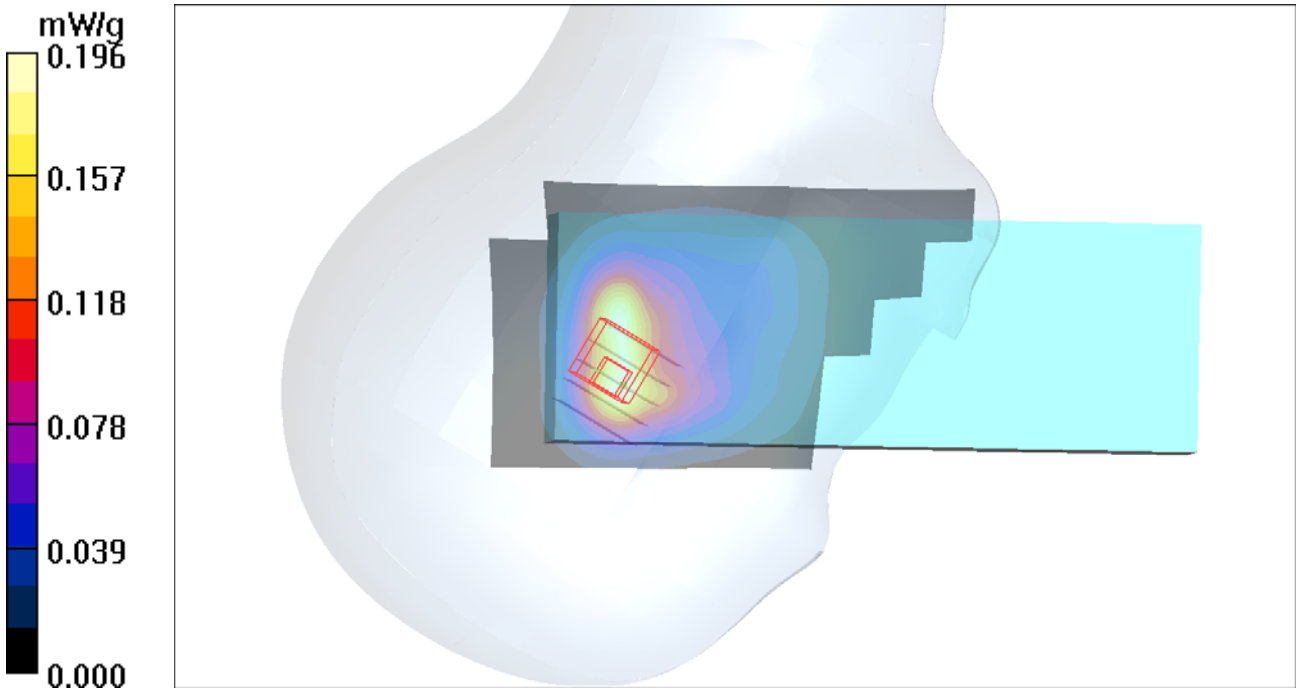
DUT: 120109C19

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.86 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.196 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.39 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.165 mW/g



P04 802.11b_Left Cheek_Ch11_BHT-1171BWB-CE_Battery1_Cover1

DUT: 120109C19

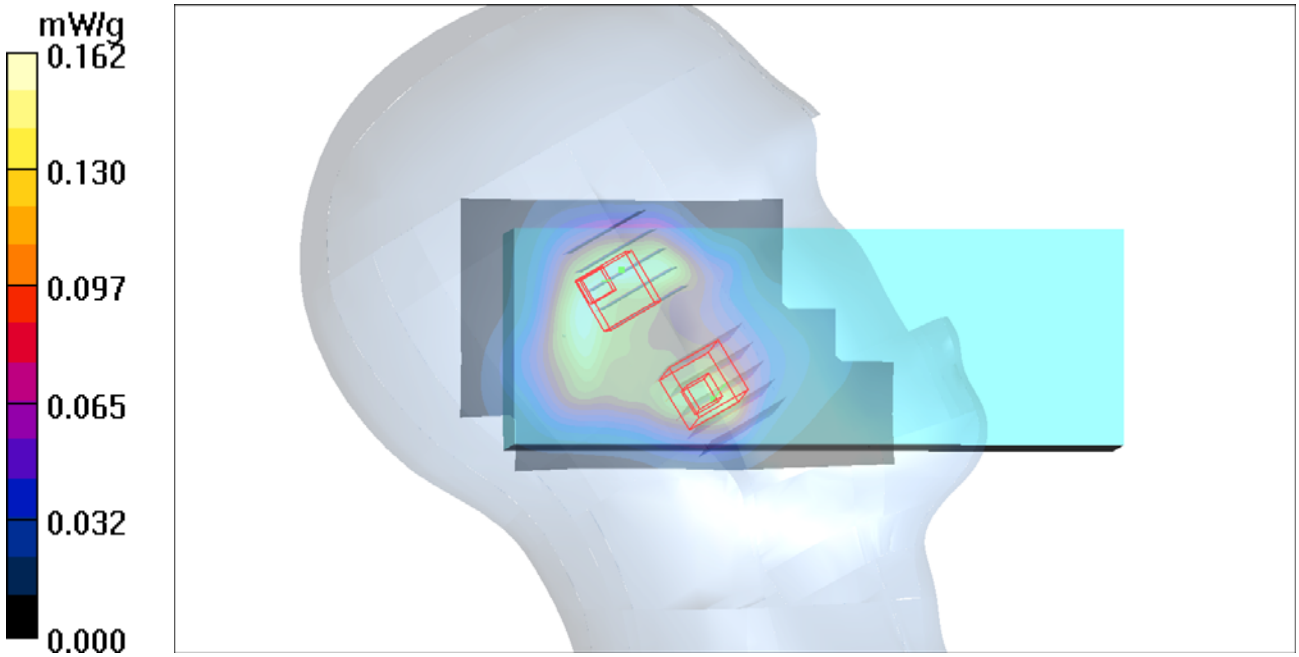
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.86 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.23 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.164 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.23 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



P05 802.11b_Left Tilted_Ch11_BHT-1171BWB-CE_Battery1_Cover1

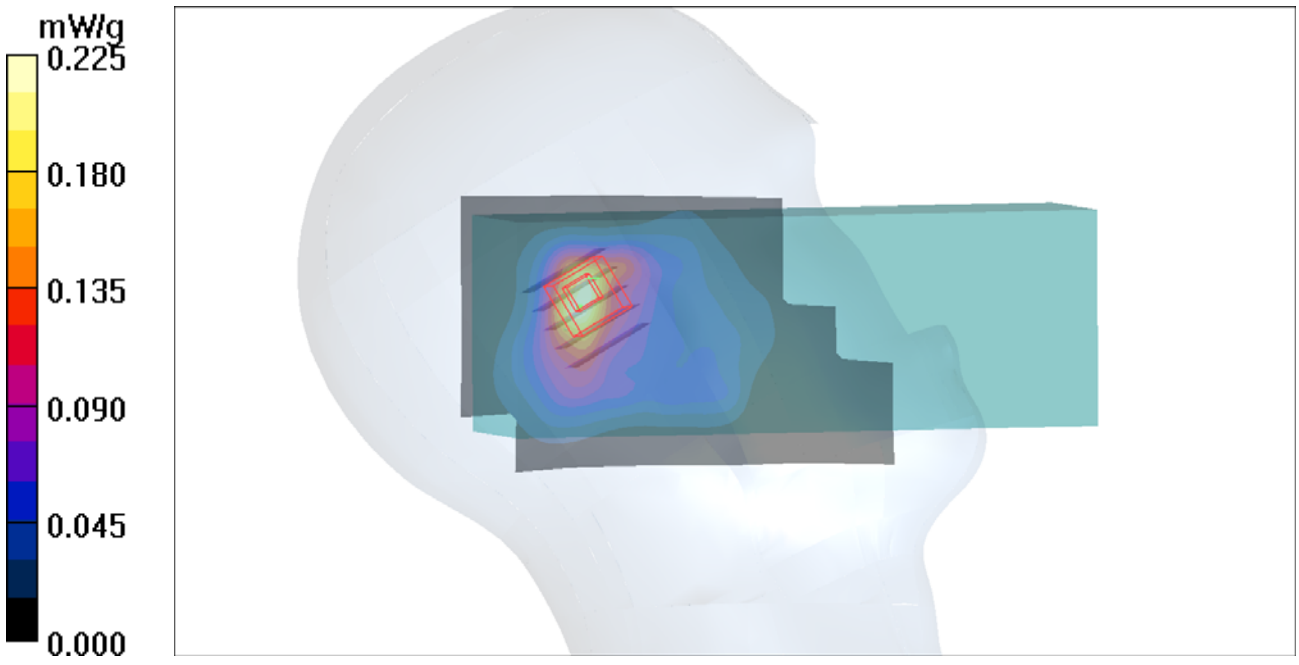
DUT: 120109C19

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.86 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.225 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.72 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.181 mW/g



P06 802.11b_Right Cheek_Ch11_BHT-1170BWB-CE_Battery1_Cover1

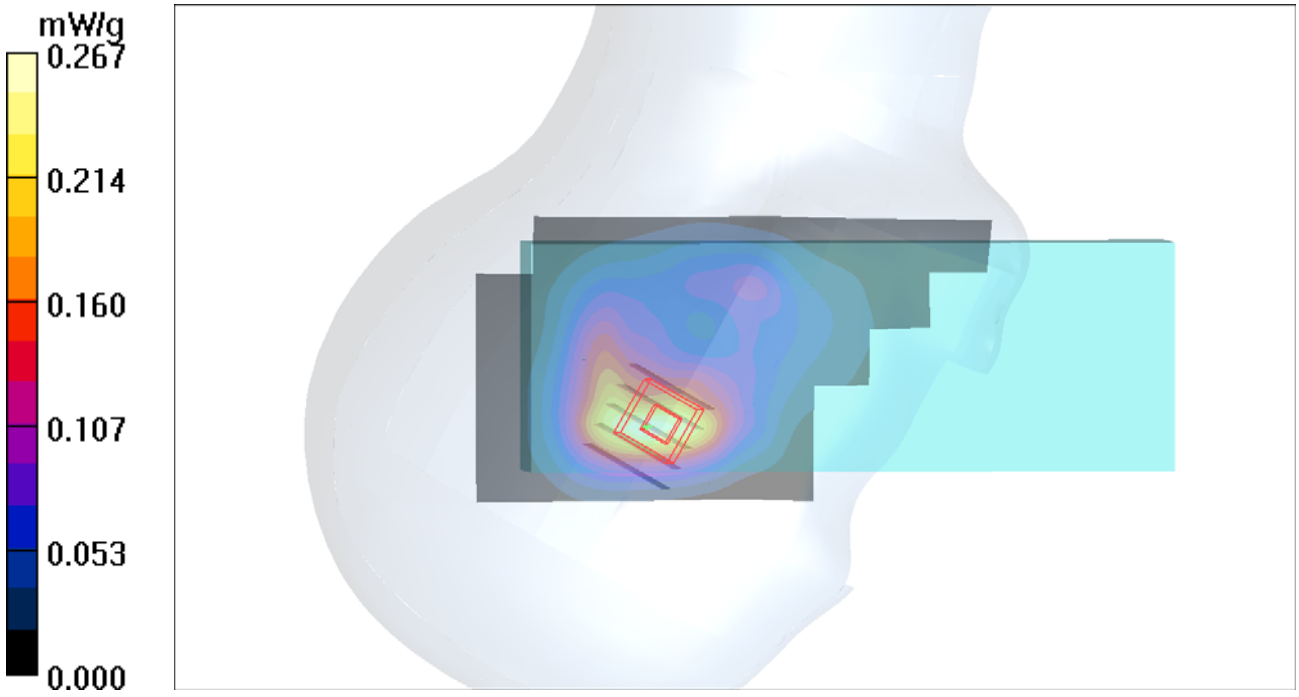
DUT: 120109C19

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.86 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.267 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.18 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.238 mW/g



P07 802.11b_Front Face_1.5cm_Ch11_BHT-1171BWB-CE_Battery1_Cover1

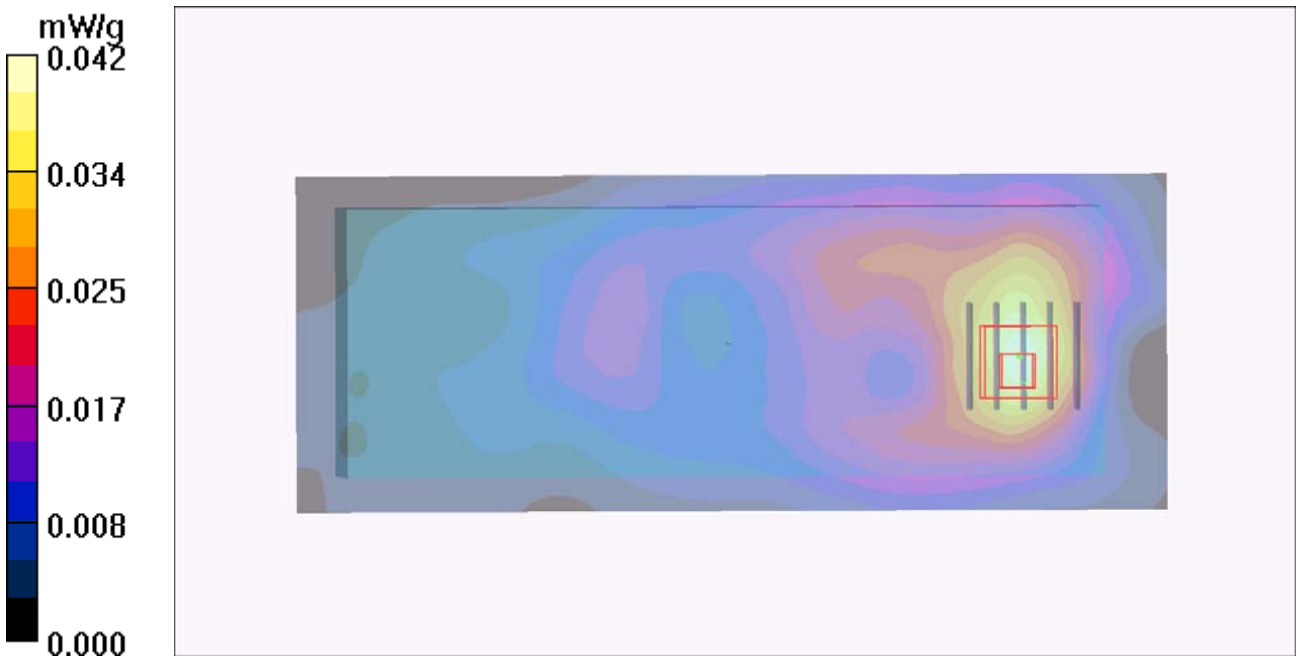
DUT: 120109C19

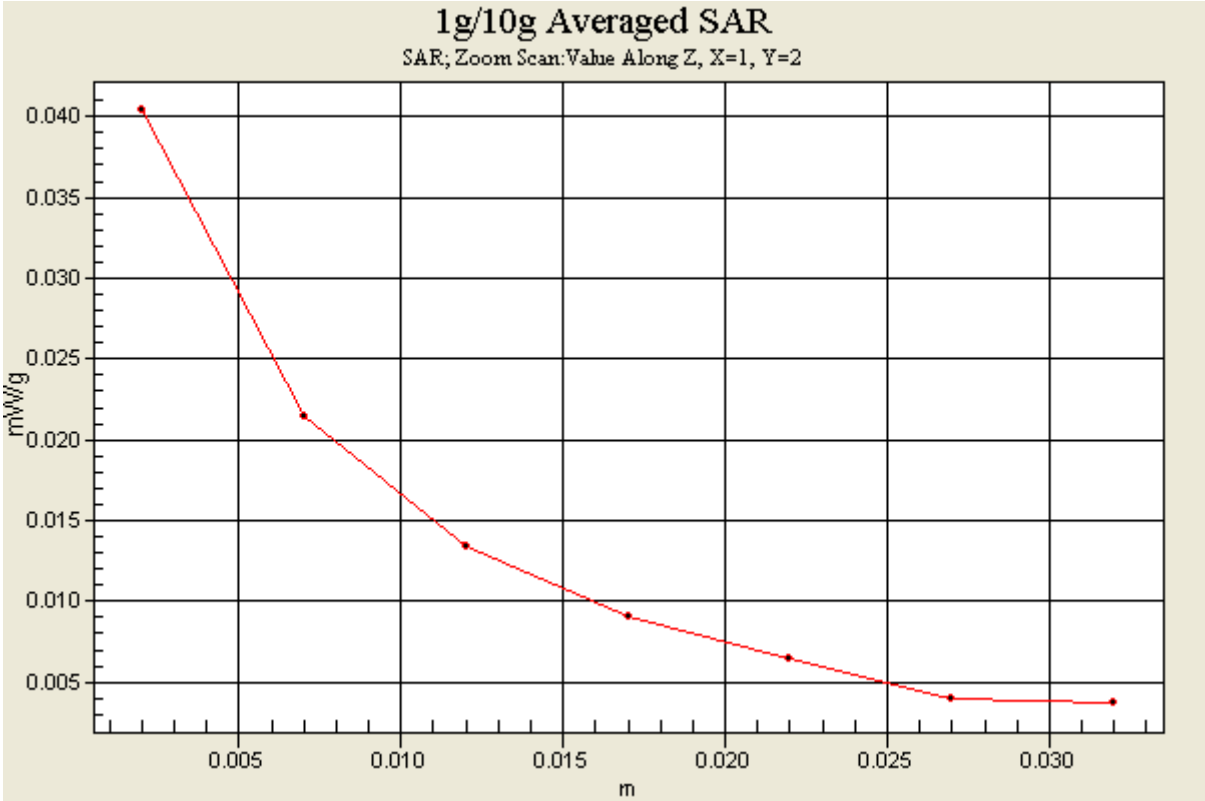
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.91, 7.91, 7.91); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.042 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.84 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.052 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.040 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=2
mW/g
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.005
0.010
0.015
0.020
0.025
0.030
m

P08 802.11b_Front Face_1.5cm_Ch11_BHT-1171BWB-CE_Battery2_Cover2

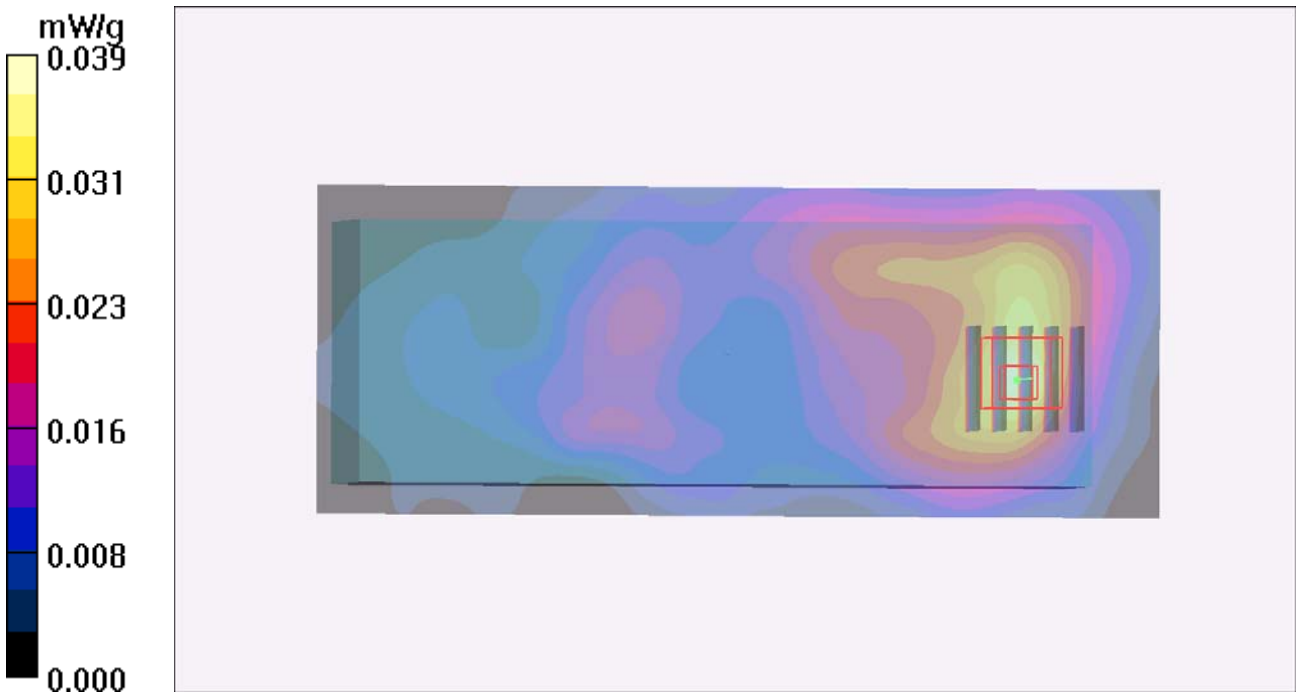
DUT: 120109C19

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.91, 7.91, 7.91); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.039 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.52 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.037 mW/g



P09 802.11b_Rear Face_1.5cm_Ch11_BHT-1171BWB-CE_Battery1_Cover1

DUT: 120109C19

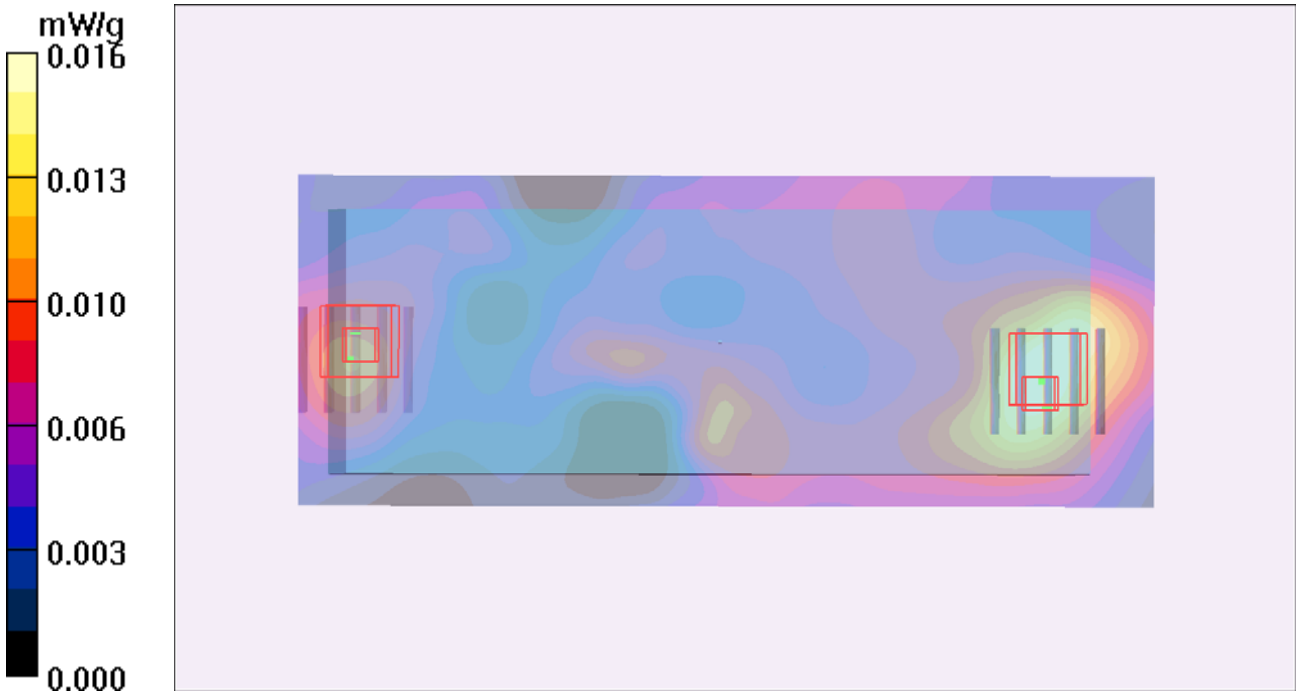
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.91, 7.91, 7.91); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.016 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.33 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.020 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00705 mW/g
Maximum value of SAR (measured) = 0.017 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.33 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00791 mW/g; SAR(10 g) = 0.00459 mW/g
Maximum value of SAR (measured) = 0.010 mW/g



P10 802.11b_Front Face_1.5cm_Ch11_BHT-1170BWB-CE_Battery1_Cover1

DUT: 120109C19

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0114 Medium parameters used: f = 2462 MHz; σ = 1.94 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.91, 7.91, 7.91); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.041 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.94 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.061 mW/g