#05 GSM850_Right Cheek_Ch189_Sample1_Battery1

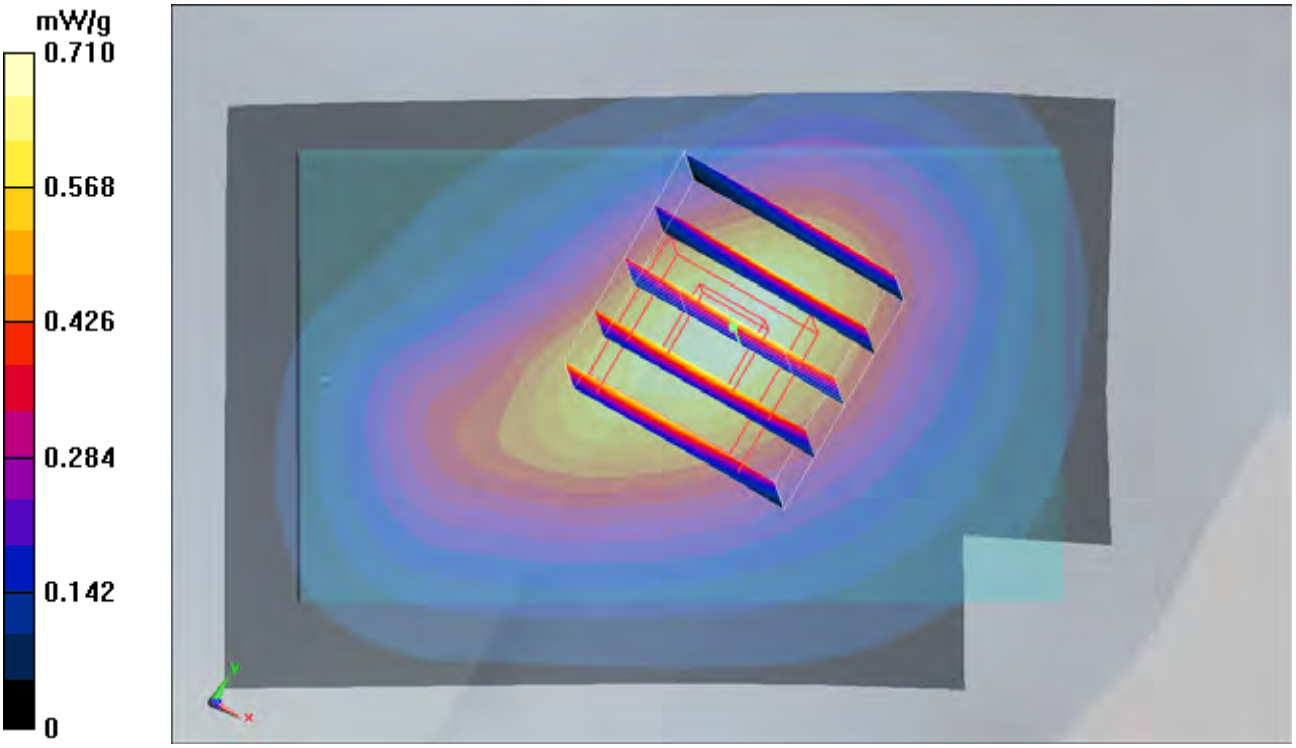
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110127 Medium parameters used : f = 836.4 MHz; σ = 0.886 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.710 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.801 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.658 mW/g


mW/g
0.710
0.568
0.426
0.284
0.142
0

#05 GSM850_Right Cheek_Ch189_Sample1_Battery1_2D

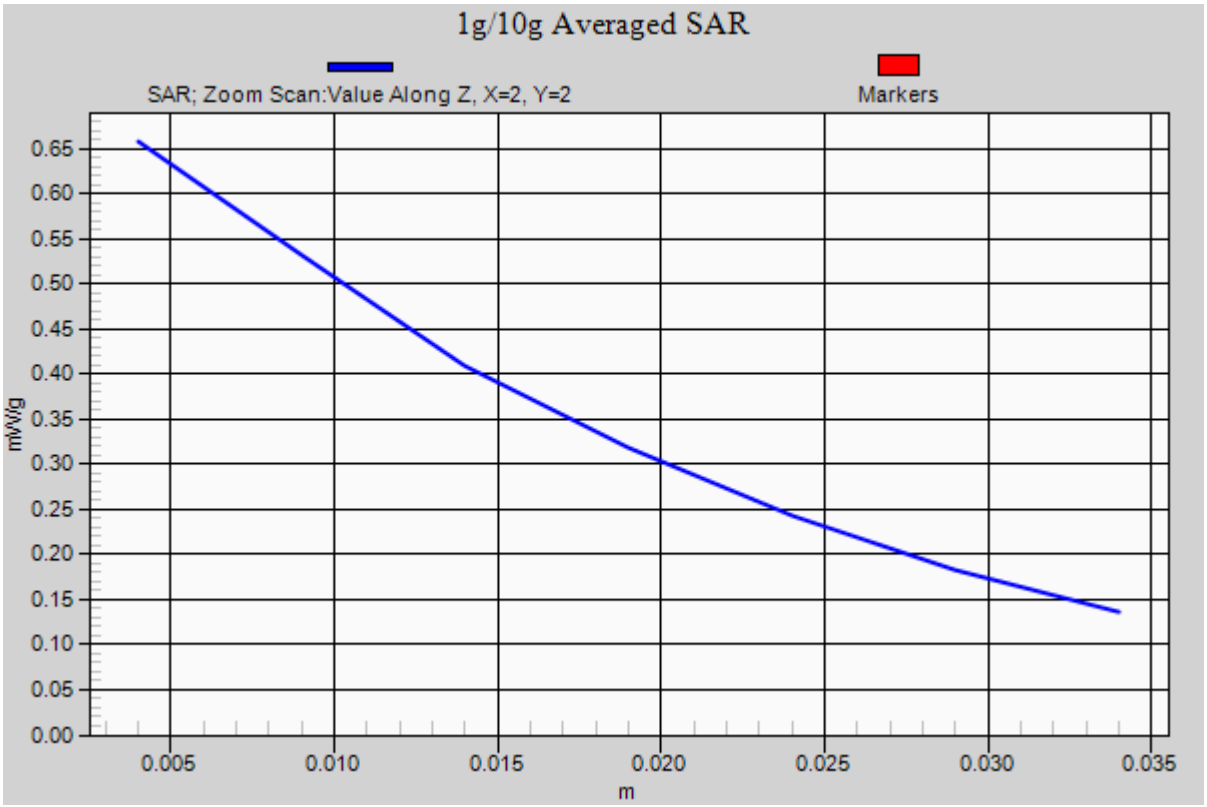
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110127 Medium parameters used : f = 836.4 MHz; σ = 0.886 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.710 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.801 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.658 mW/g



#06 GSM850_Right Tilted_Ch189_Sample1_Battery1

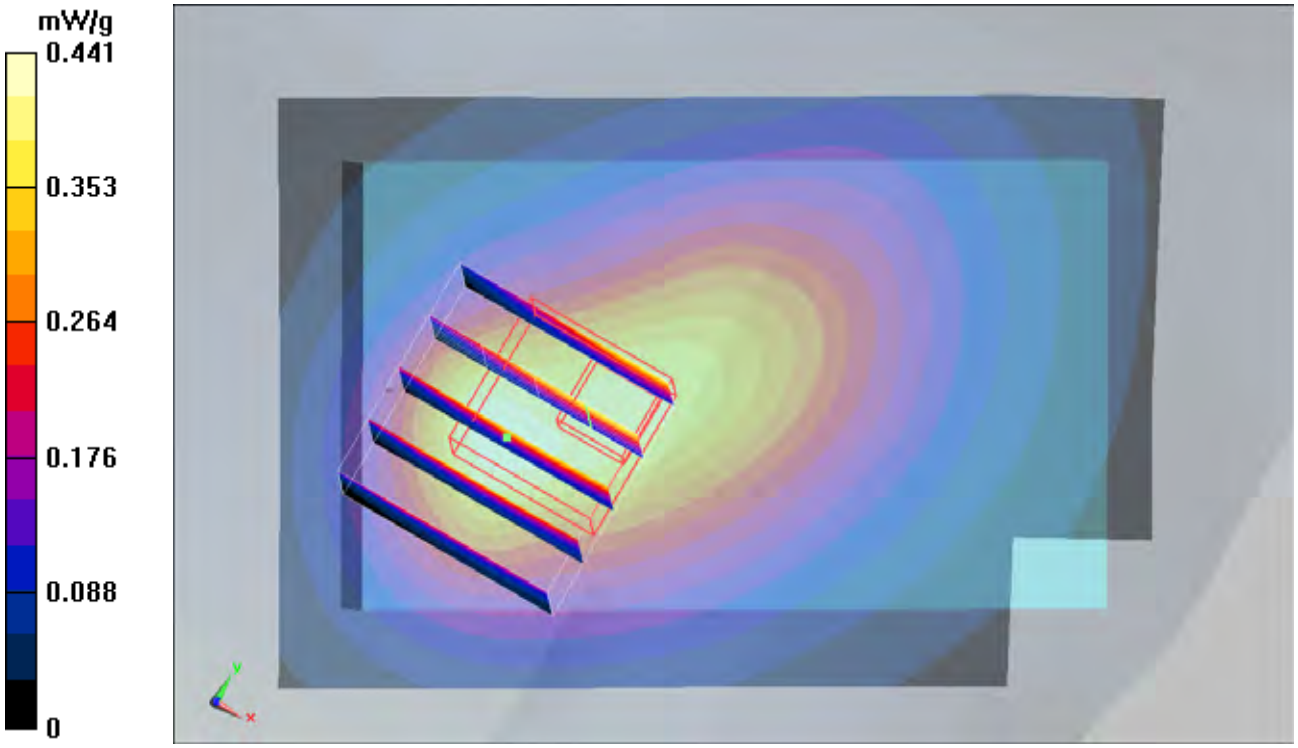
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110127 Medium parameters used : f = 836.4 MHz; σ = 0.886 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.441 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.395 mW/g


mW/g
0.441
0.353
0.264
0.176
0.088
0

#07 GSM850_Left Cheek_Ch189_Sample1_Battery1

DUT: 112545

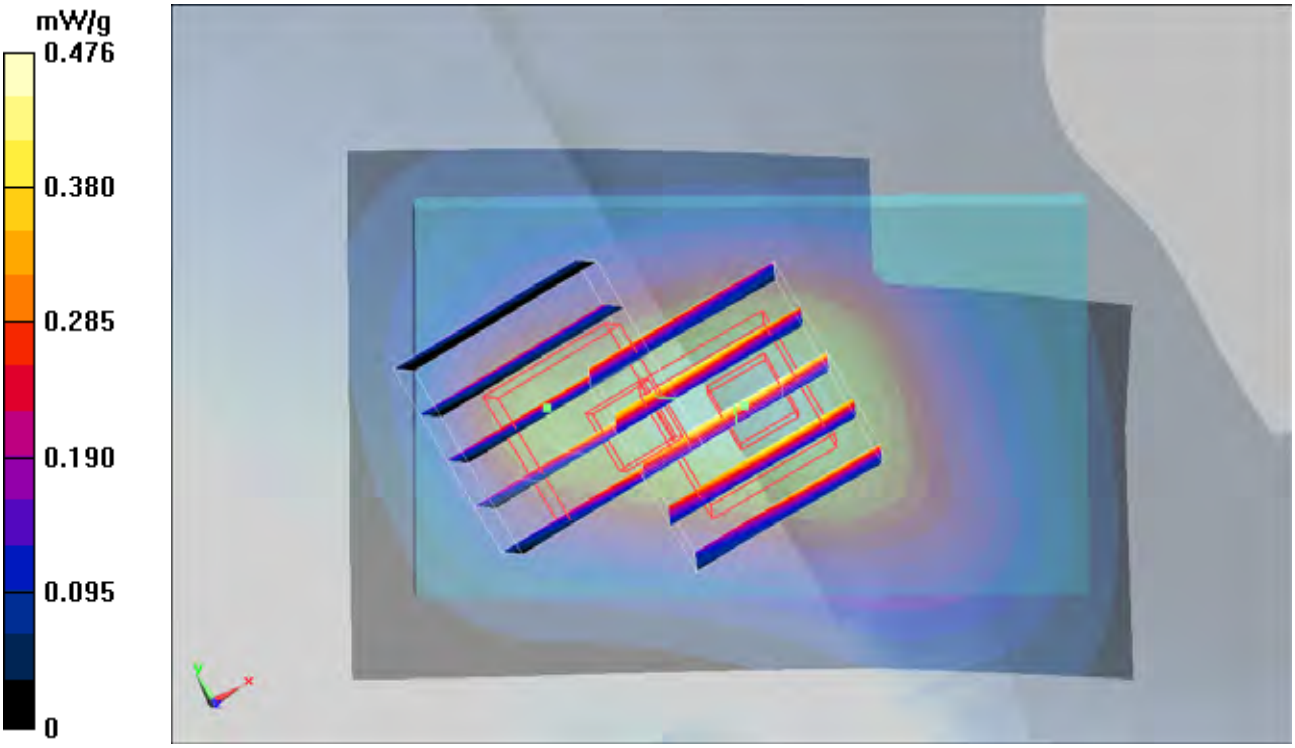
Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110127 Medium parameters used : f = 836.4 MHz; σ = 0.886 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.476 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.466 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.262 mW/g
Maximum value of SAR (measured) = 0.408 mW/g


mW/g
0.476
0.380
0.285
0.190
0.095
0

#08 GSM850_Left Tilted_Ch189_Sample1_Battery1

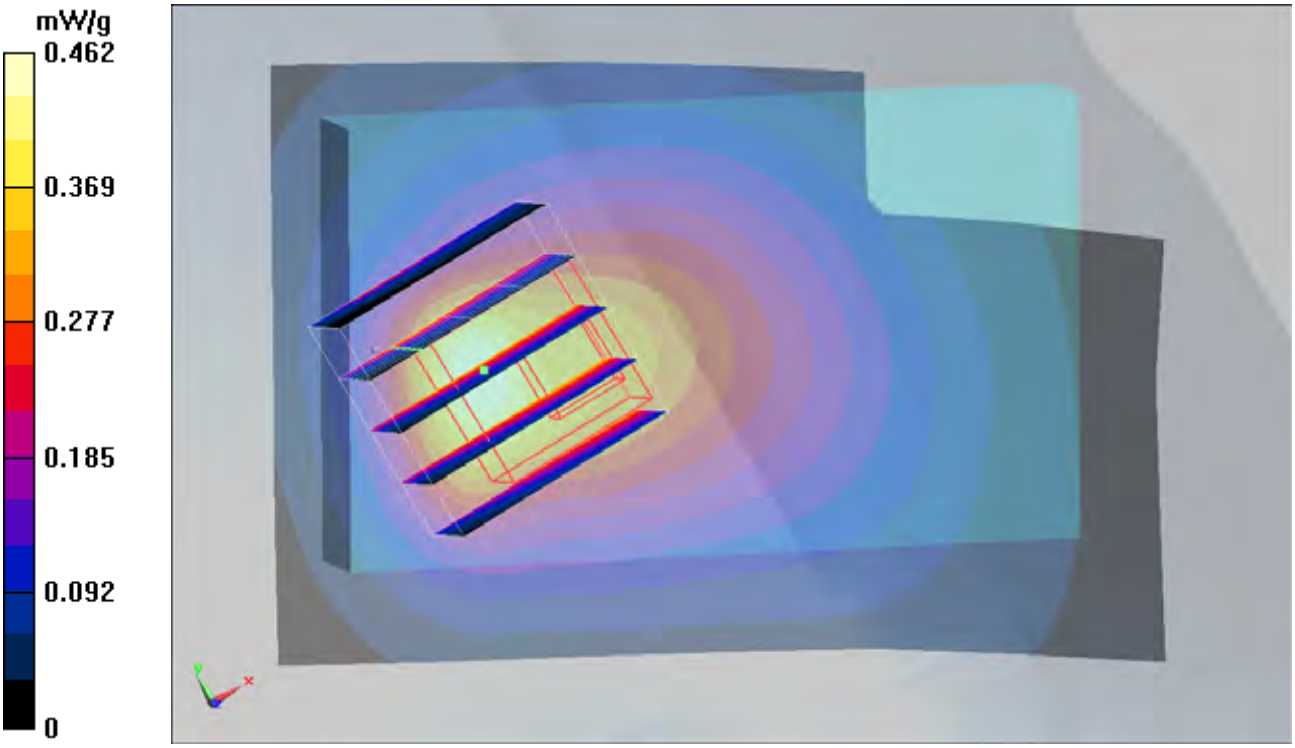
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110127 Medium parameters used : f = 836.4 MHz; σ = 0.886 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.462 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 0.713 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.362 mW/g


mW/g
0.462
0.369
0.277
0.185
0.092
0

#01 GSM1900_Right Cheek_Ch512_Sample1_Battery1

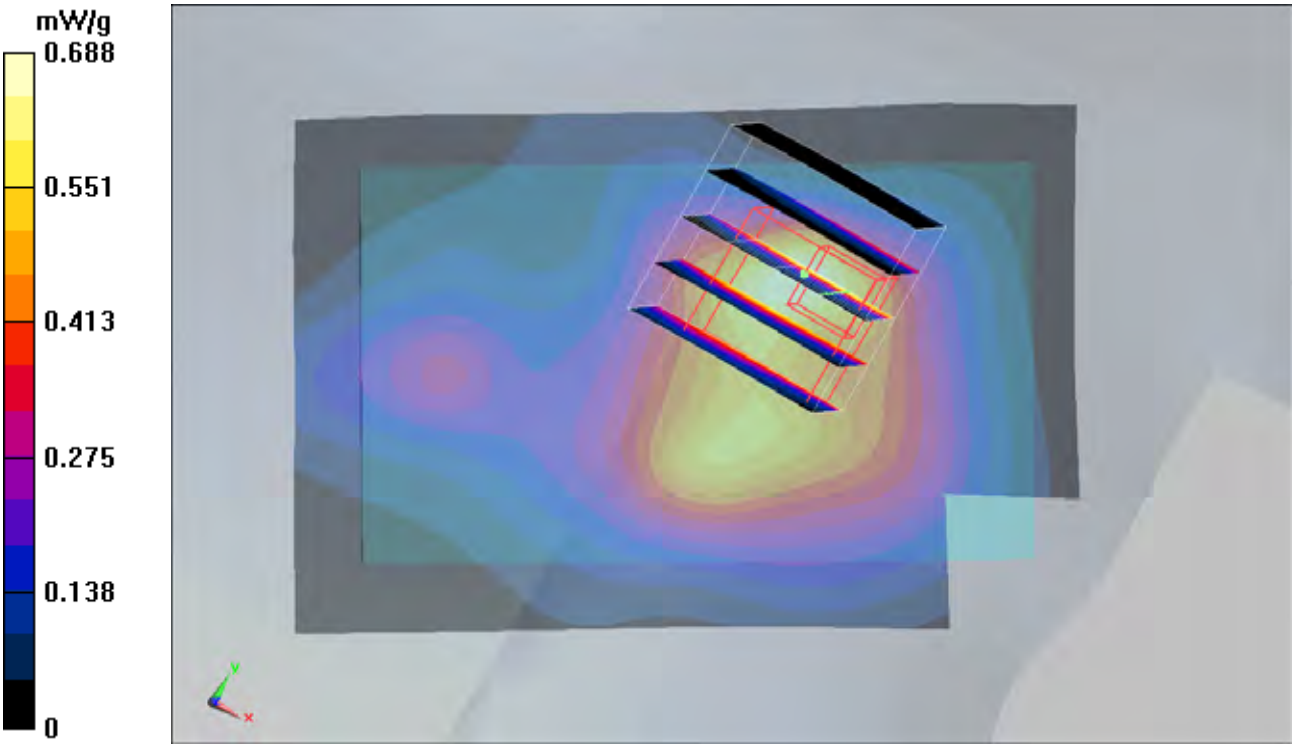
DUT: 112545

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110127 Medium parameters used : f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.688 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.706 mW/g


mW/g
0.688
0.551
0.413
0.275
0.138
0

#01 GSM1900_Right Cheek_Ch512_Sample1_Battery1_2D

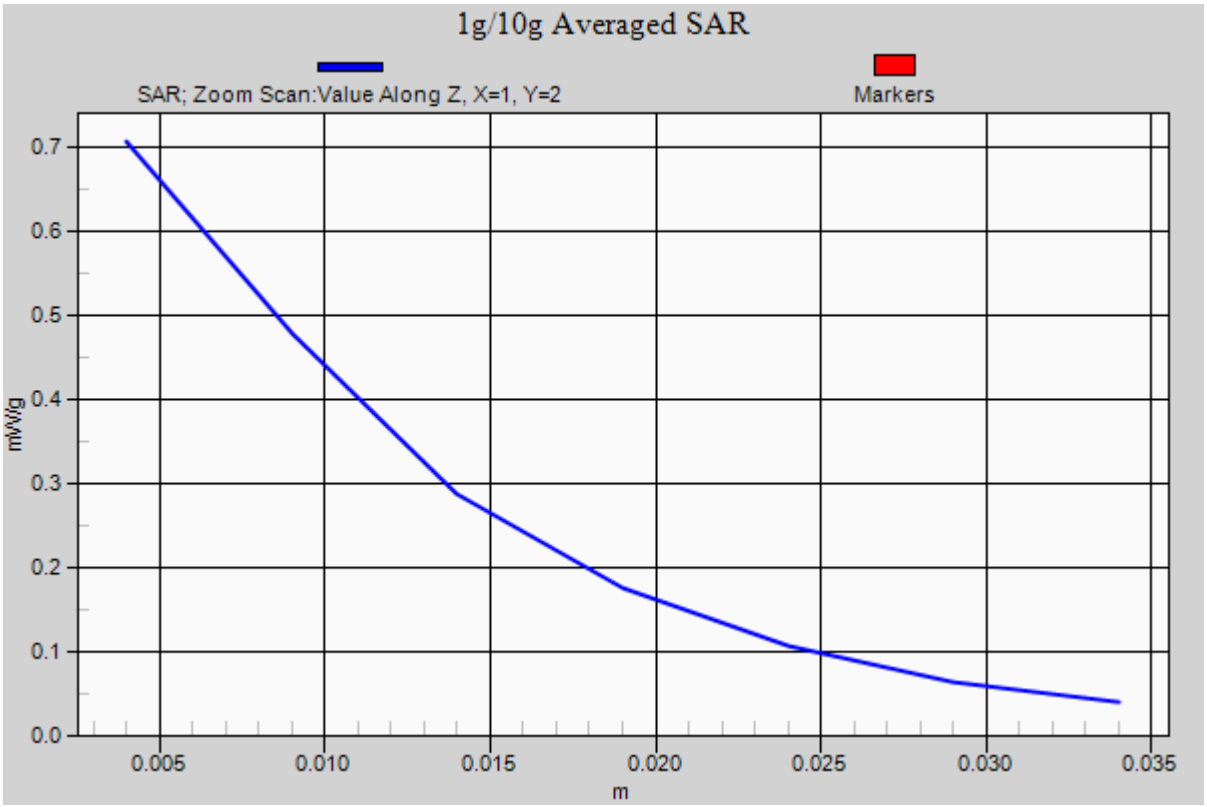
DUT: 112545

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110127 Medium parameters used : f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.688 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.706 mW/g



#02 GSM1900_Right Tilted_Ch512_Sample1_Battery1

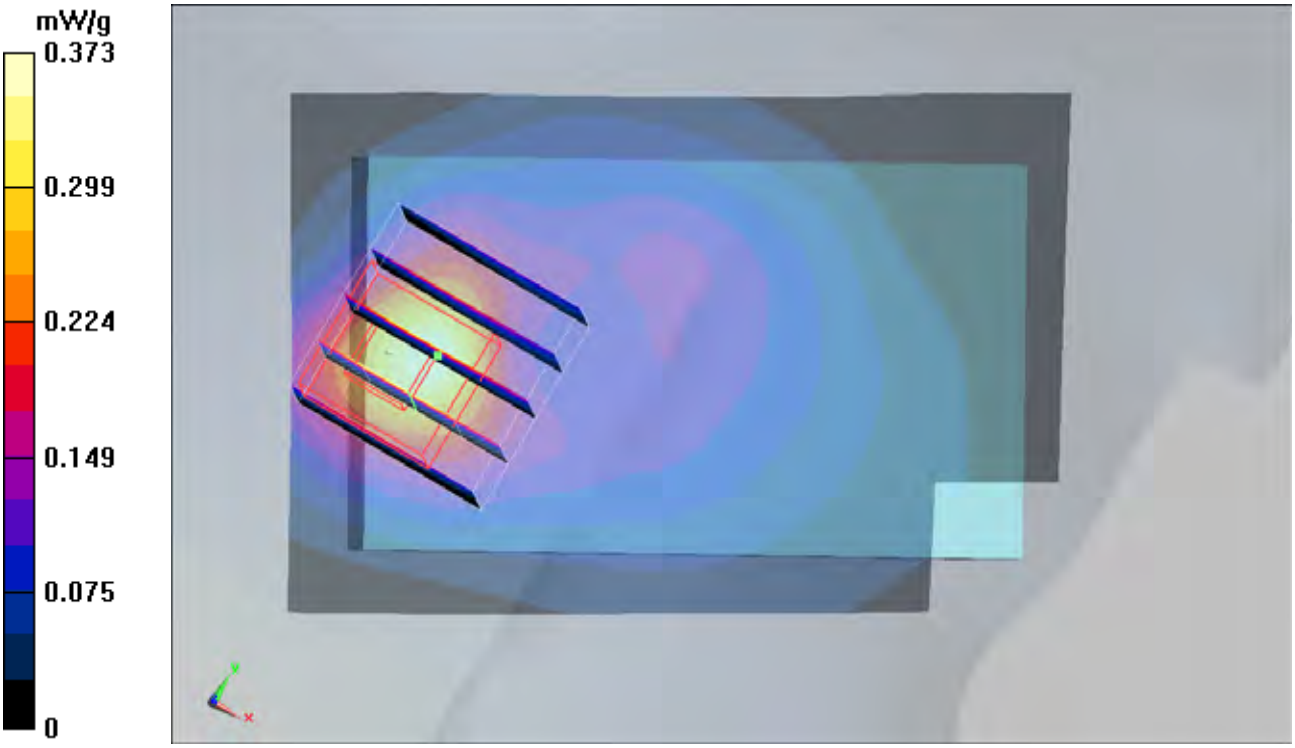
DUT: 112545

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110127 Medium parameters used : f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.373 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.407 mW/g


mW/g
0.373
0.299
0.224
0.149
0.075
0

#03 GSM1900_Left Cheek_Ch512_Sample1_Battery1

DUT: 112545

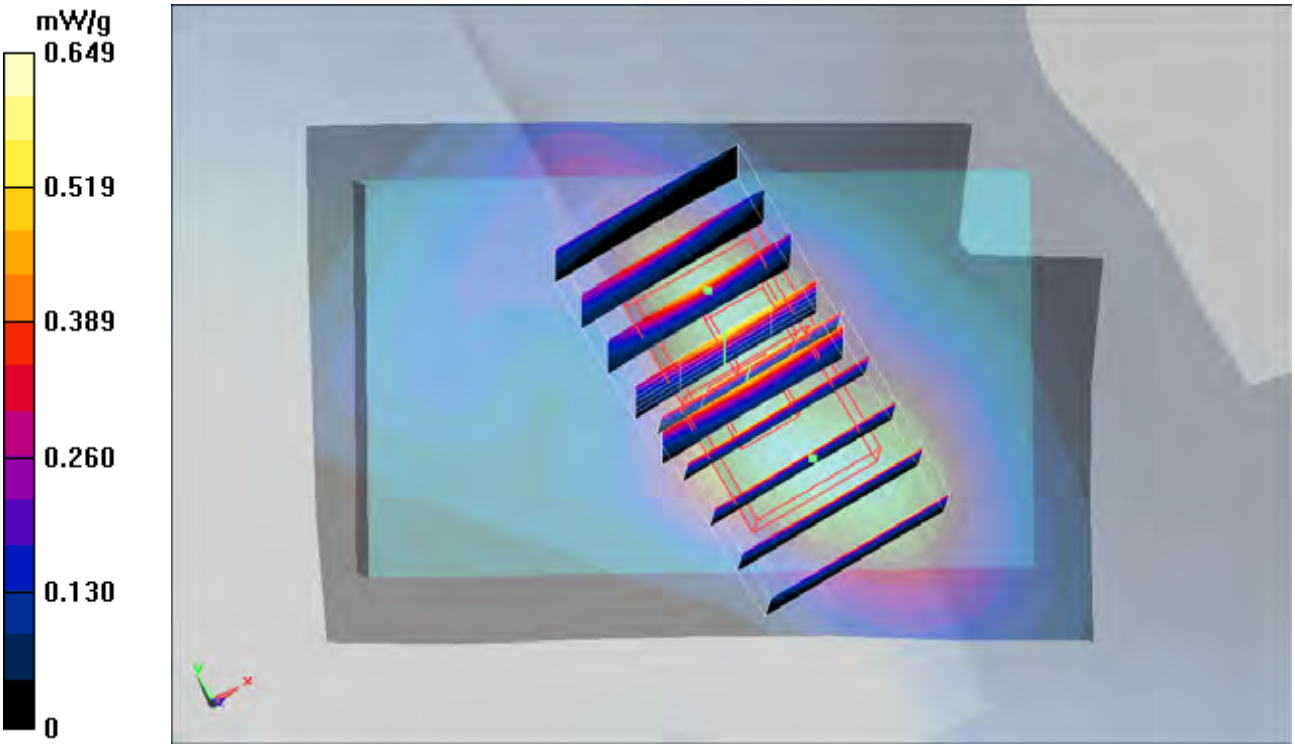
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110127 Medium parameters used : f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.649 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.719 W/kg
SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.587 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.879 W/kg
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.580 mW/g


mW/g
0.649
0.519
0.389
0.260
0.130
0

#04 GSM1900_Left Tilted_Ch512_Sample1_Battery1

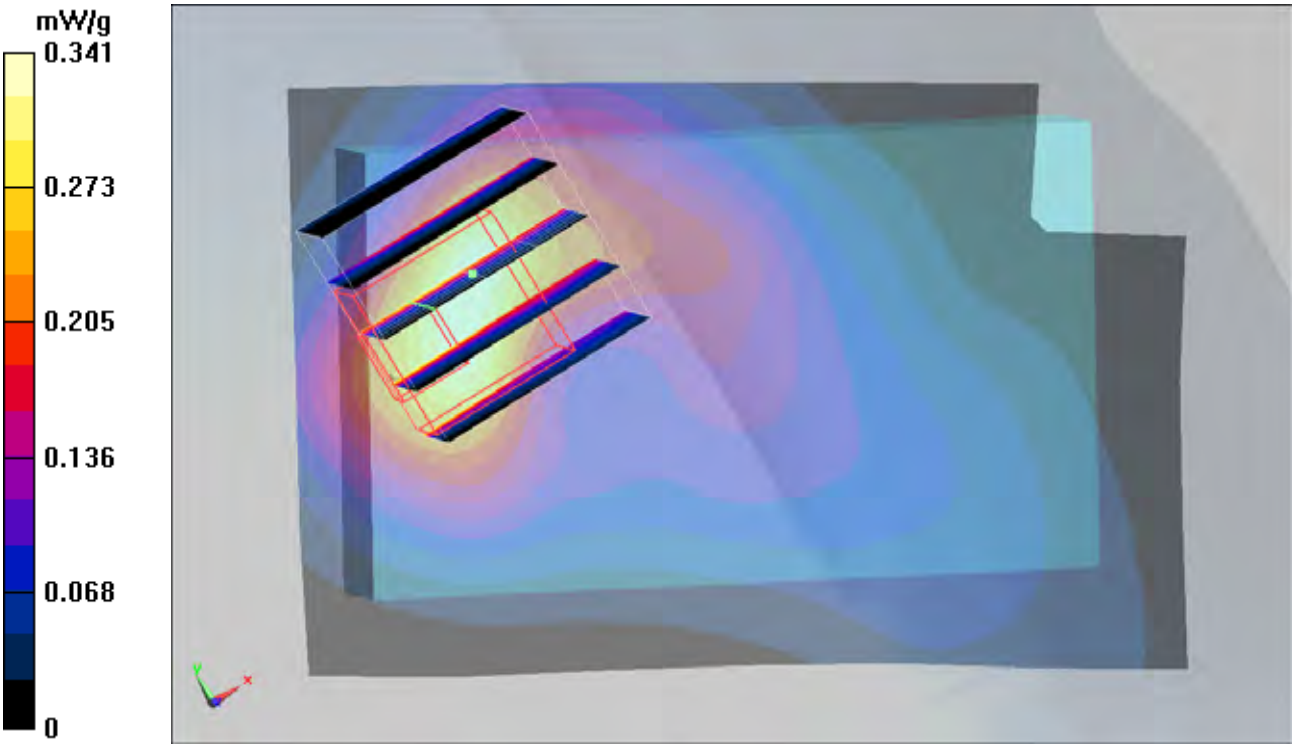
DUT: 112545

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110127 Medium parameters used : f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.341 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.333 mW/g


mW/g
0.341
0.273
0.205
0.136
0.068
0

#11 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample1_Battery1

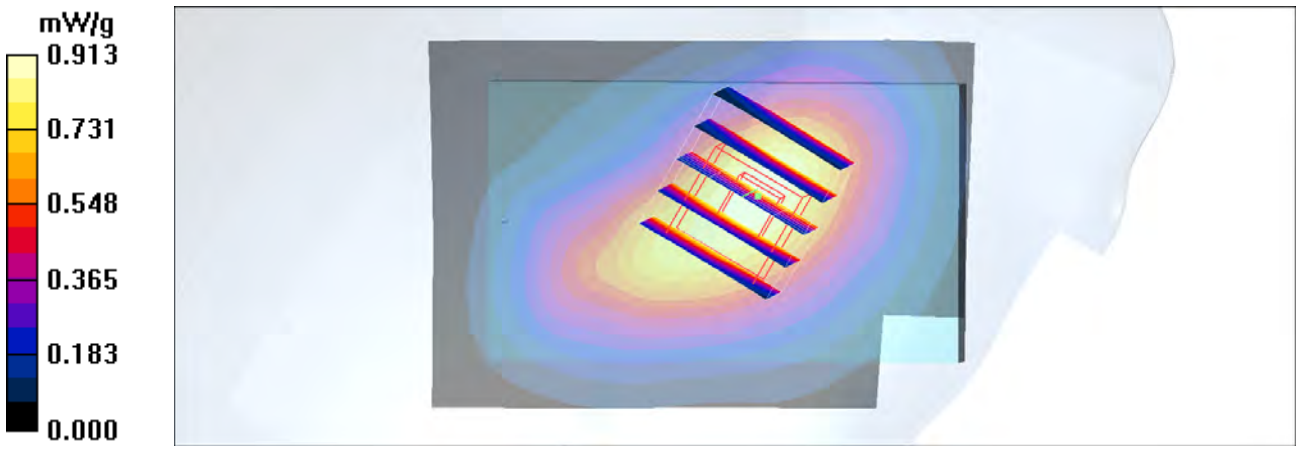
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_110128 Medium parameters used: f = 847 MHz; σ = 0.89 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.913 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.187 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



#11 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample1_Battery1_2D

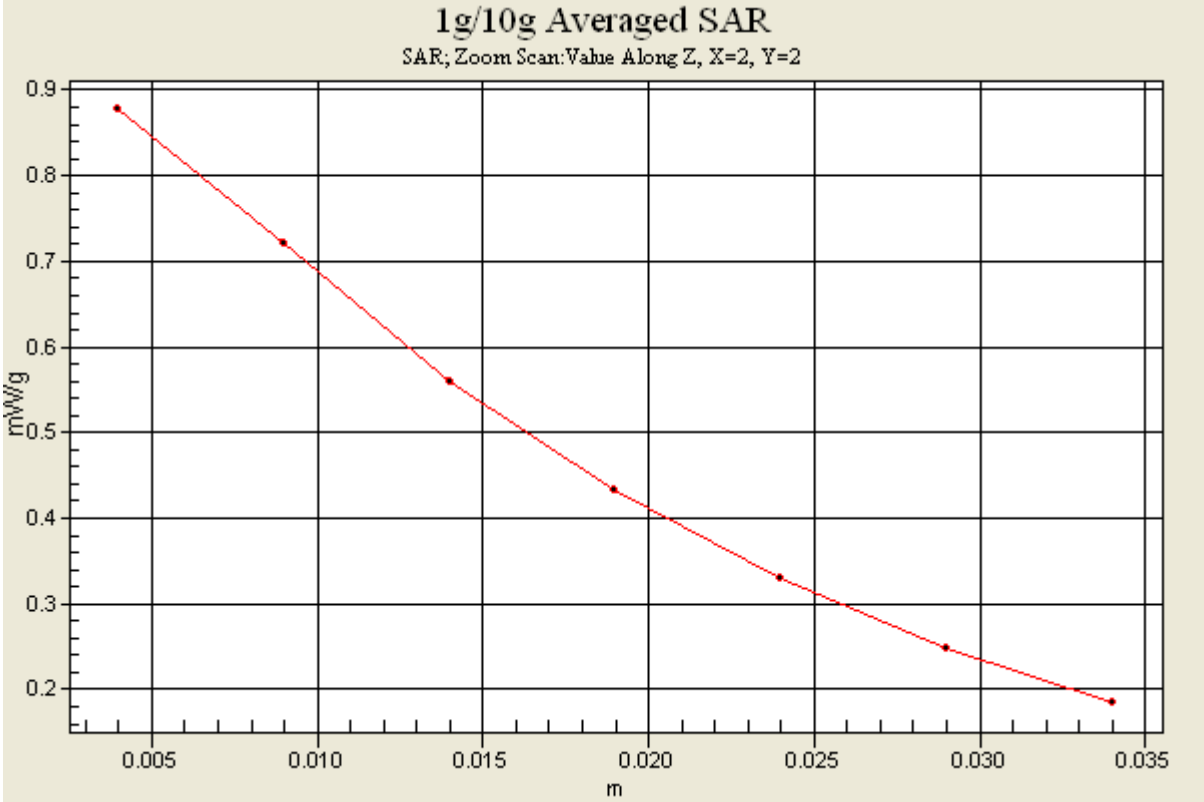
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_110128 Medium parameters used: f = 847 MHz; σ = 0.89 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.913 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.187 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



#12 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Sample1_Battery1

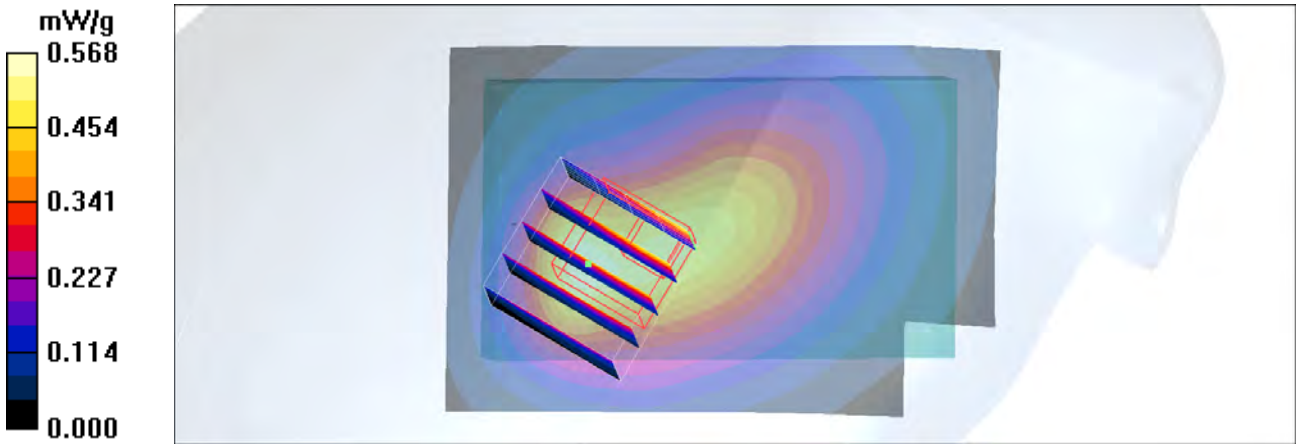
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_110128 Medium parameters used: f = 847 MHz; σ = 0.89 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
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 = 19.1 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 0.705 W/kg
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.499 mW/g



#13 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Sample1_Battery1

DUT: 112545

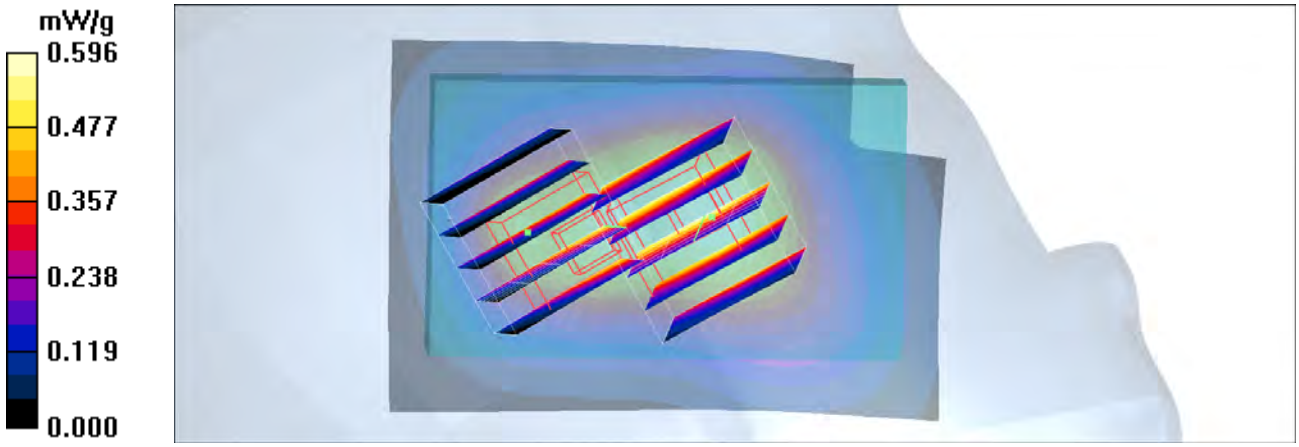
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_110128 Medium parameters used: f = 847 MHz; σ = 0.89 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.596 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.610 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.555 W/kg
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.522 mW/g



#14 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample1_Battery1

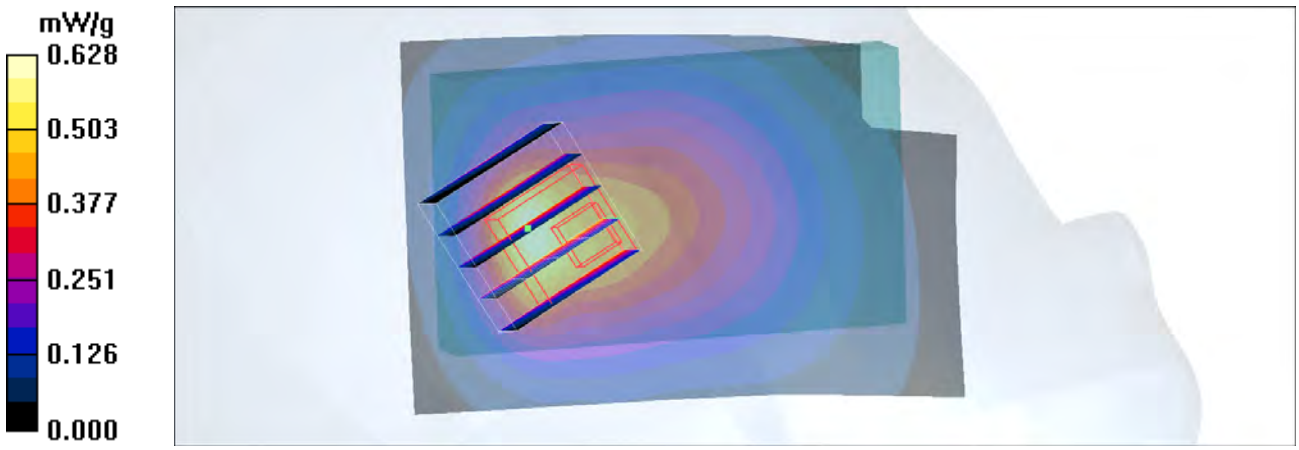
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_110128 Medium parameters used: f = 847 MHz; σ = 0.89 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.628 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.449 mW/g



#18 WCDMA II_Right Cheek_Ch9538_Sample1_Battery1

DUT: 112545

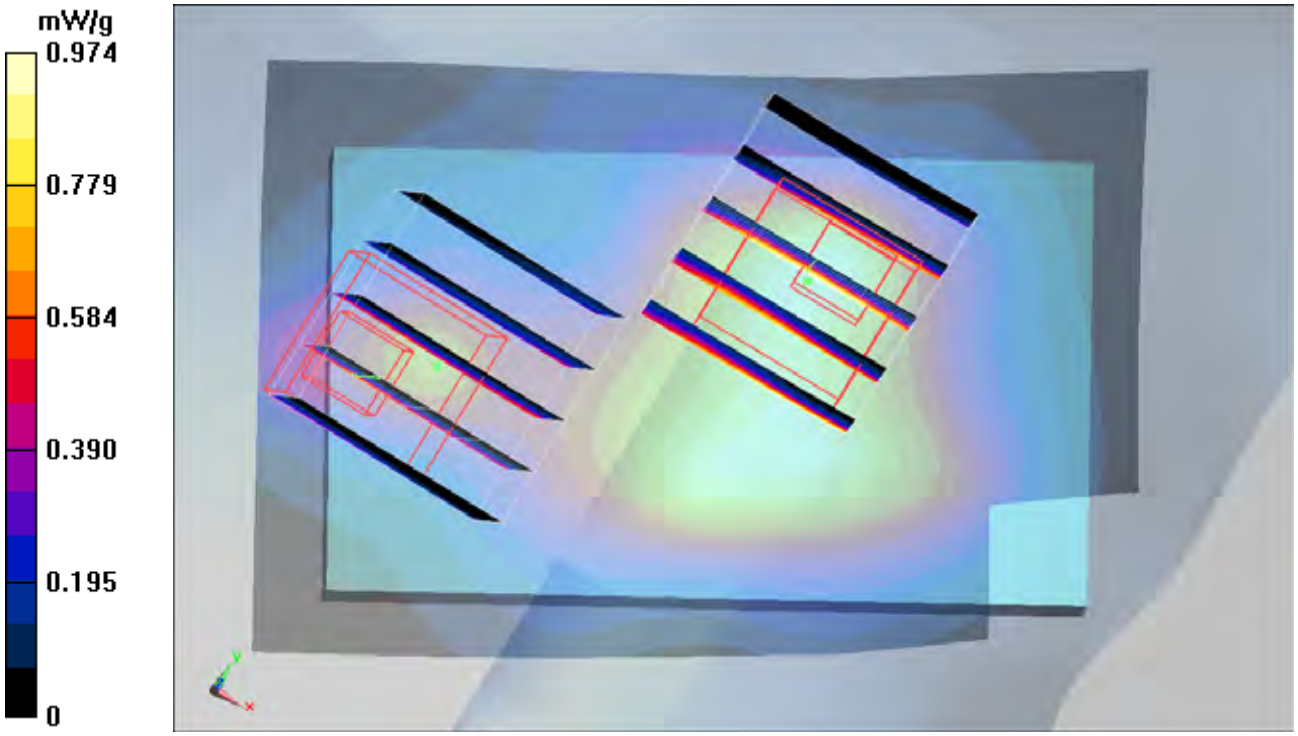
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110218 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.624 mW/g
Maximum value of SAR (measured) = 1.1 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.887 mW/g


mW/g
0.974
0.779
0.584
0.390
0.195
0

#18 WCDMA II_Right Cheek_Ch9538_Sample1_Battery1_2D

DUT: 112545

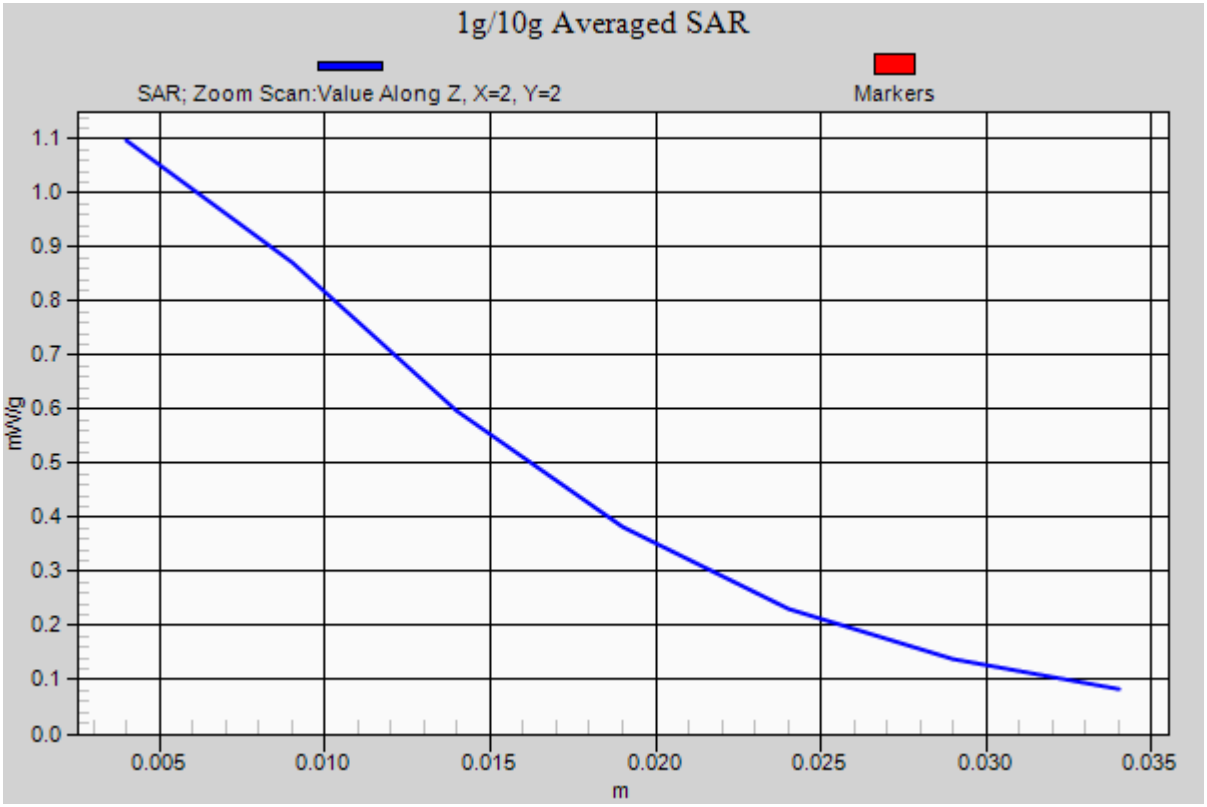
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110218 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 °C; Liquid Temperature：21.6 °C

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9538/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.624 mW/g
Maximum value of SAR (measured) = 1.1 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.887 mW/g



#46 WCDMA II_Right Tilted_Ch9262_Sample1_Battery1

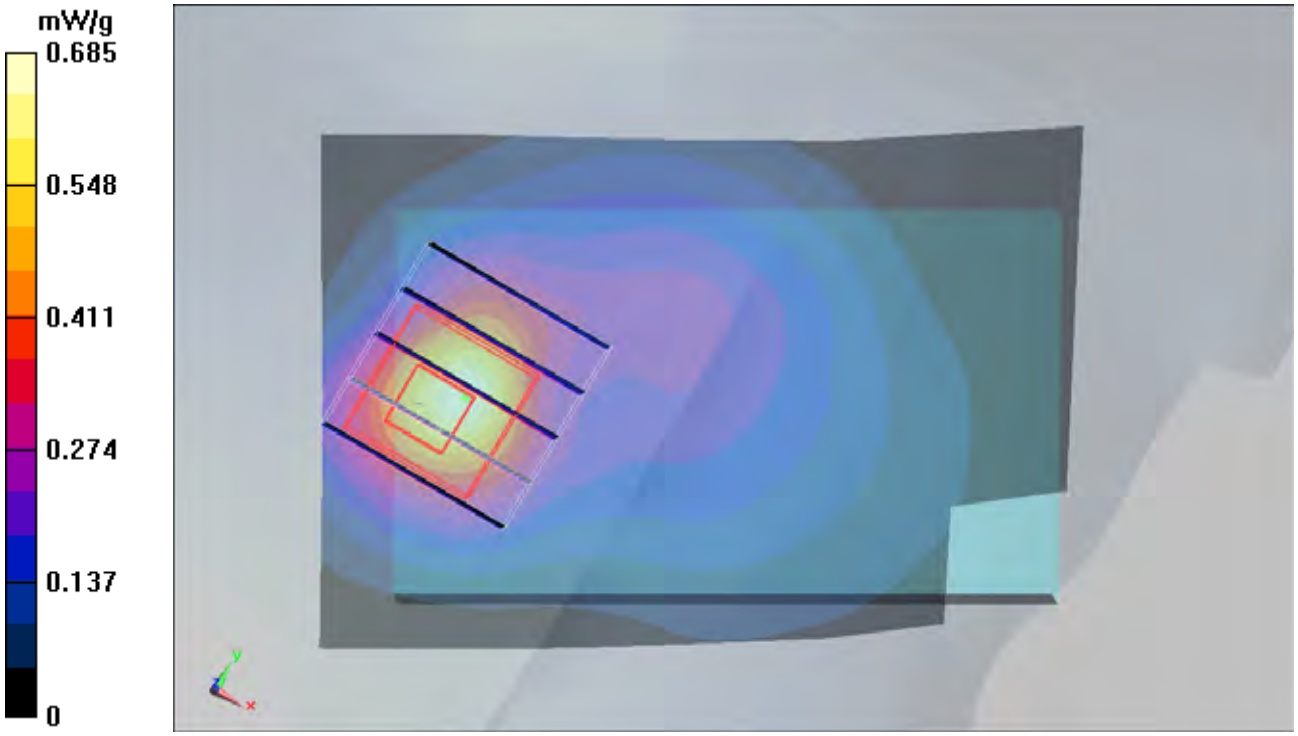
DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.685 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.690 mW/g


mW/g
0.685
0.548
0.411
0.274
0.137
0

#87 WCDMA II_Left Cheek_Ch9262_Sample1_Battery1

DUT: 112545

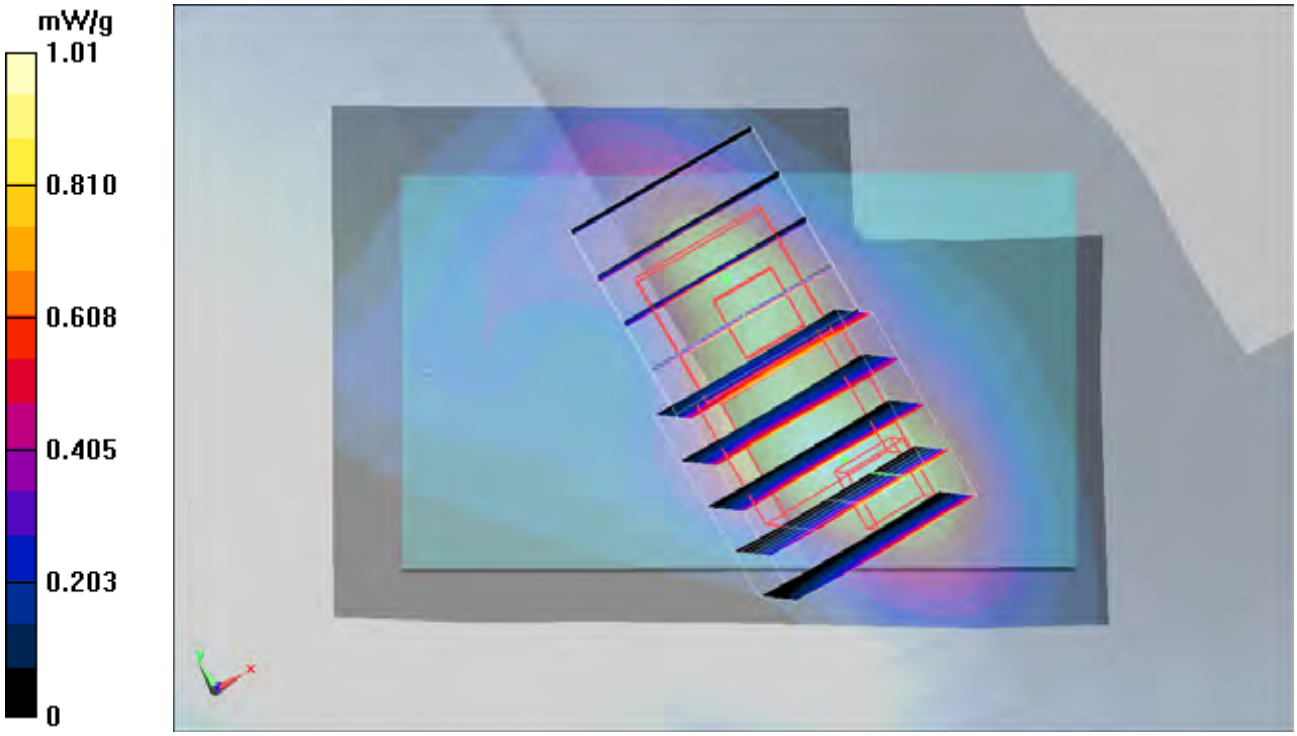
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.892 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 1.5 W/kg
SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.910 mW/g


mW/g
1.01
0.810
0.608
0.405
0.203
0

#88 WCDMA II_Left Tilted_Ch9262_Sample1_Battery1

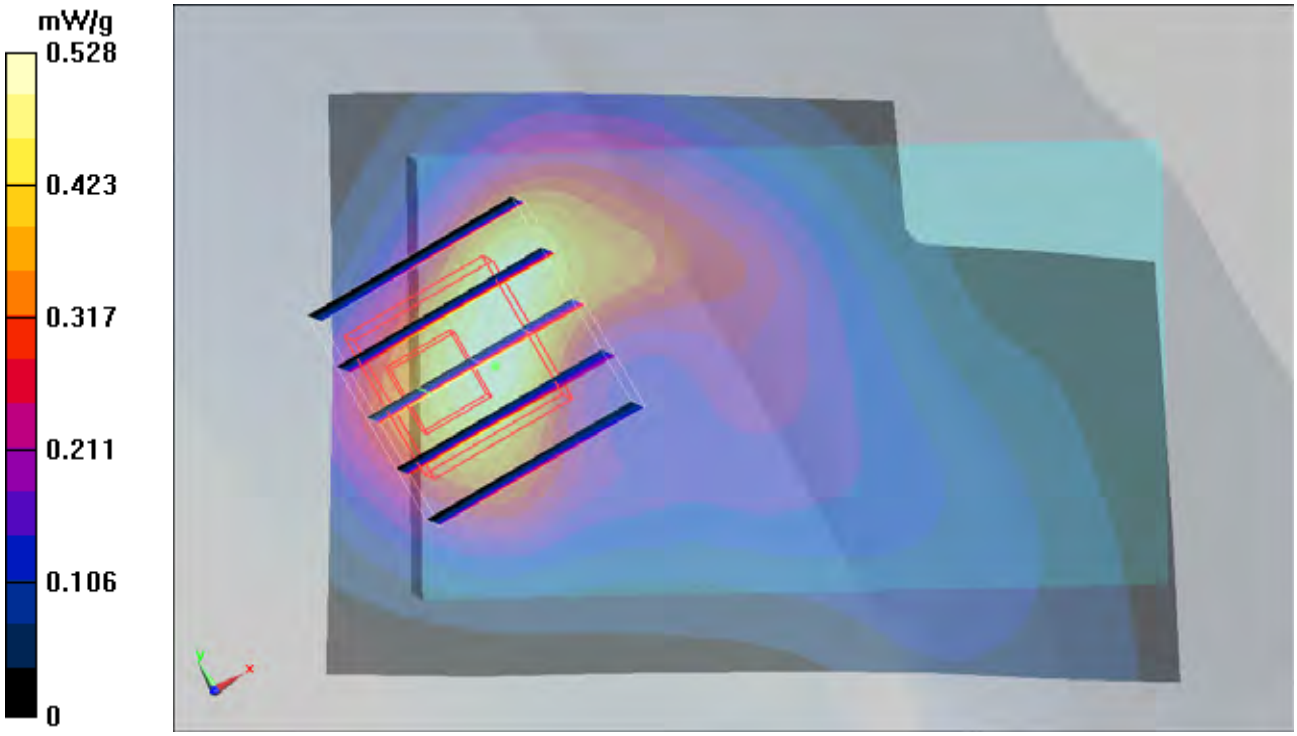
DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.39 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.528 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.626 mW/g


mW/g
0.528
0.423
0.317
0.211
0.106
0

#37 GSM850_GPRS10_Rear Face_Ch251_1cm_Sample1_Battery1

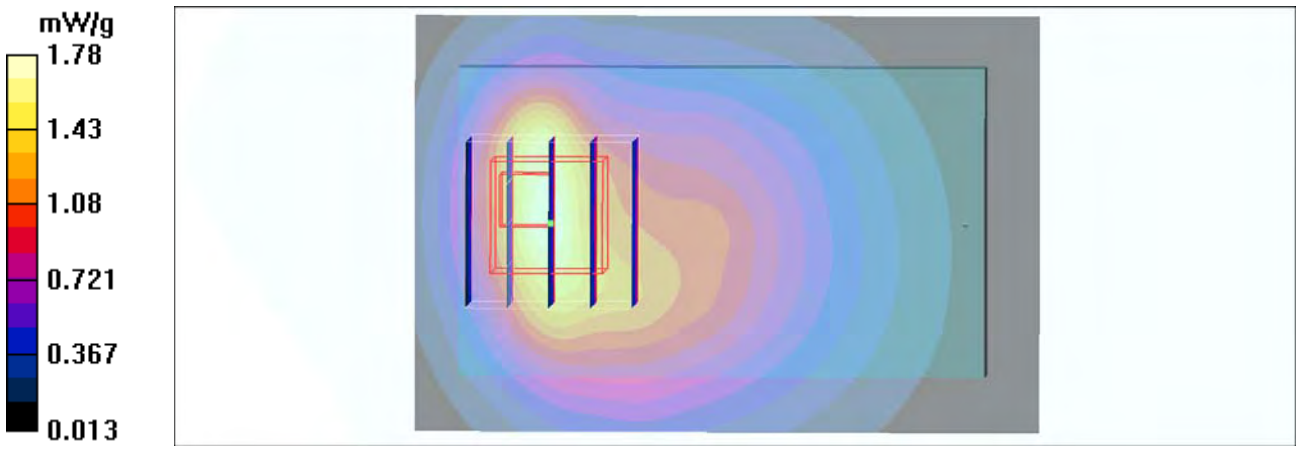
DUT: 112545

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110216 Medium parameters used: f = 849 MHz; σ = 0.978 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.78 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.868 mW/g
Maximum value of SAR (measured) = 1.46 mW/g



#37 GSM850_GPRS10_Rear Face_Ch251_1cm_Sample1_Battery1_2D

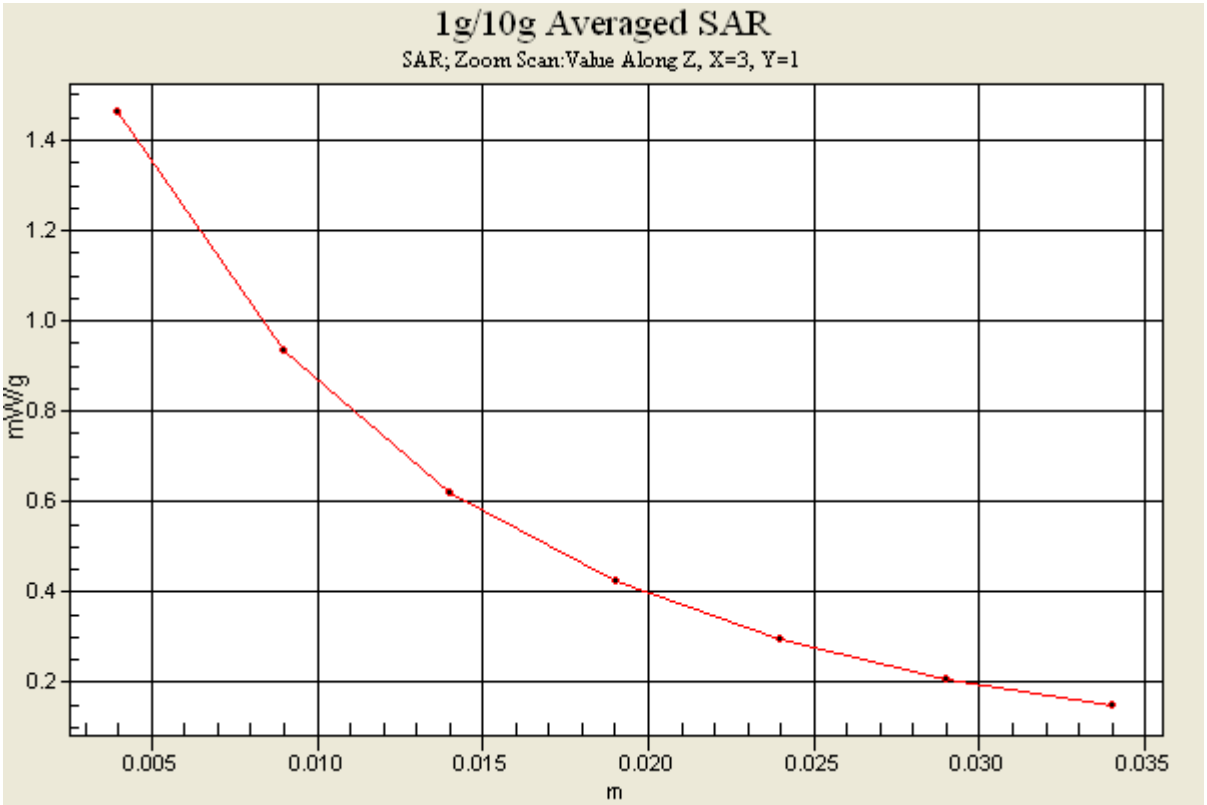
DUT: 112545

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110216 Medium parameters used: f = 849 MHz; σ = 0.978 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.78 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.868 mW/g
Maximum value of SAR (measured) = 1.46 mW/g



#31 GSM850_GPRS10_Front Face_Ch189_1cm_Sample1_Battery1

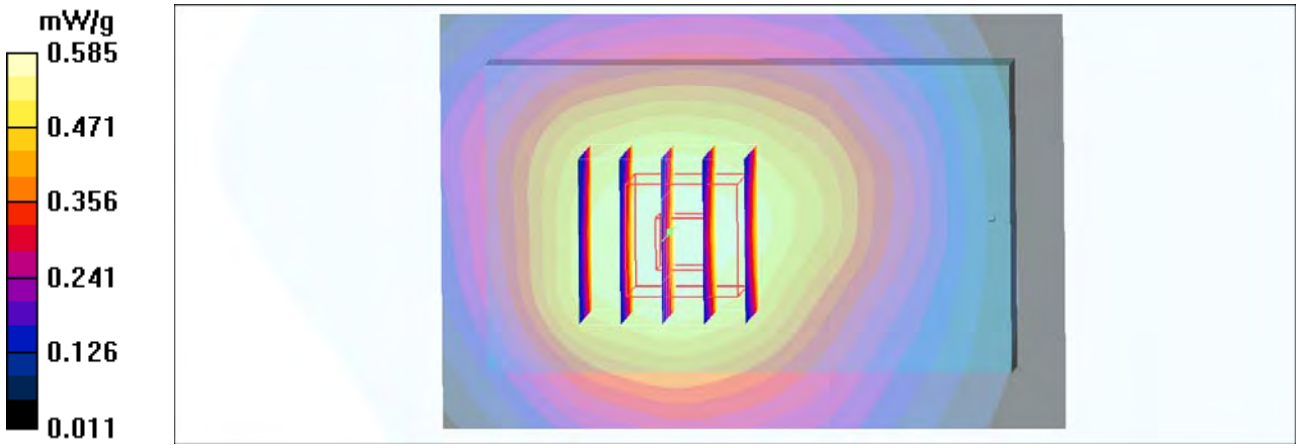
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110216 Medium parameters used : f = 836.4 MHz; σ = 0.966 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.585 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.173 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 0.578 mW/g



#32 GSM850_GPRS10_Left Side_Ch189_1cm_Sample1_Battery1

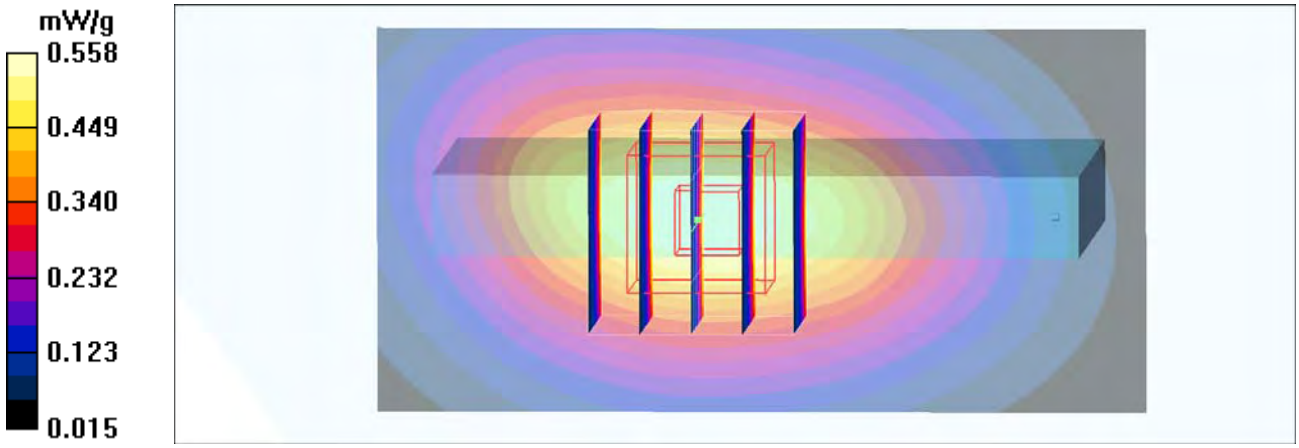
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110216 Medium parameters used : f = 836.4 MHz; σ = 0.966 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.558 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 0.579 mW/g



#33 GSM850_GPRS10_Right Side_Ch189_1cm_Sample1_Battery1

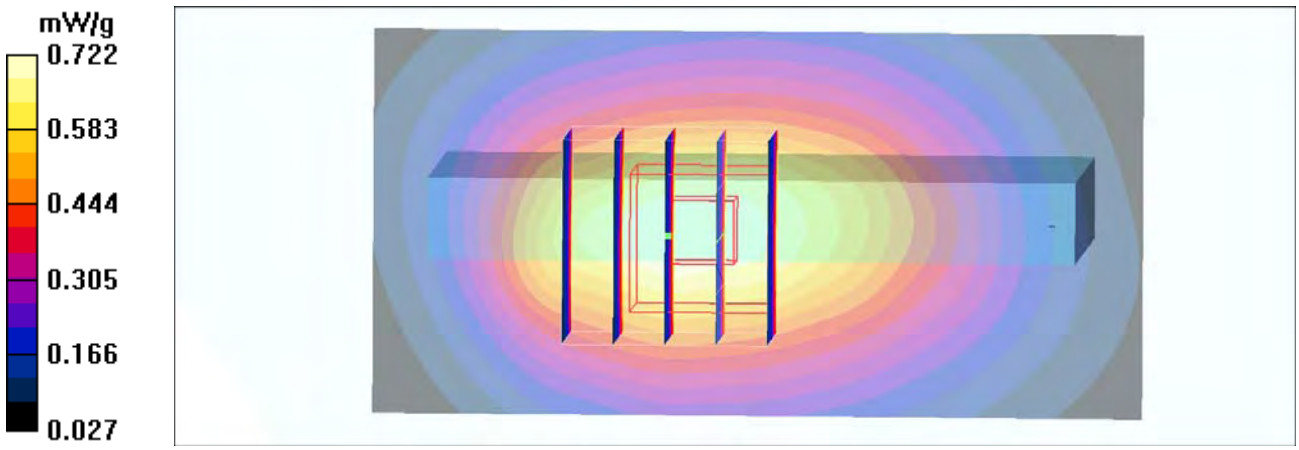
DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110216 Medium parameters used : f = 836.4 MHz; σ = 0.966 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.722 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.716 mW/g



#35 GSM850_GPRS10_Bottom Side_Ch189_1cm_Sample1_Battery1

DUT: 112545

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110216 Medium parameters used : f = 836.4 MHz; σ = 0.966 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.66 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.120 mW/g

#66 GSM1900_GPRS10_Rear Face_Ch512_1cm_Sample1_Battery1

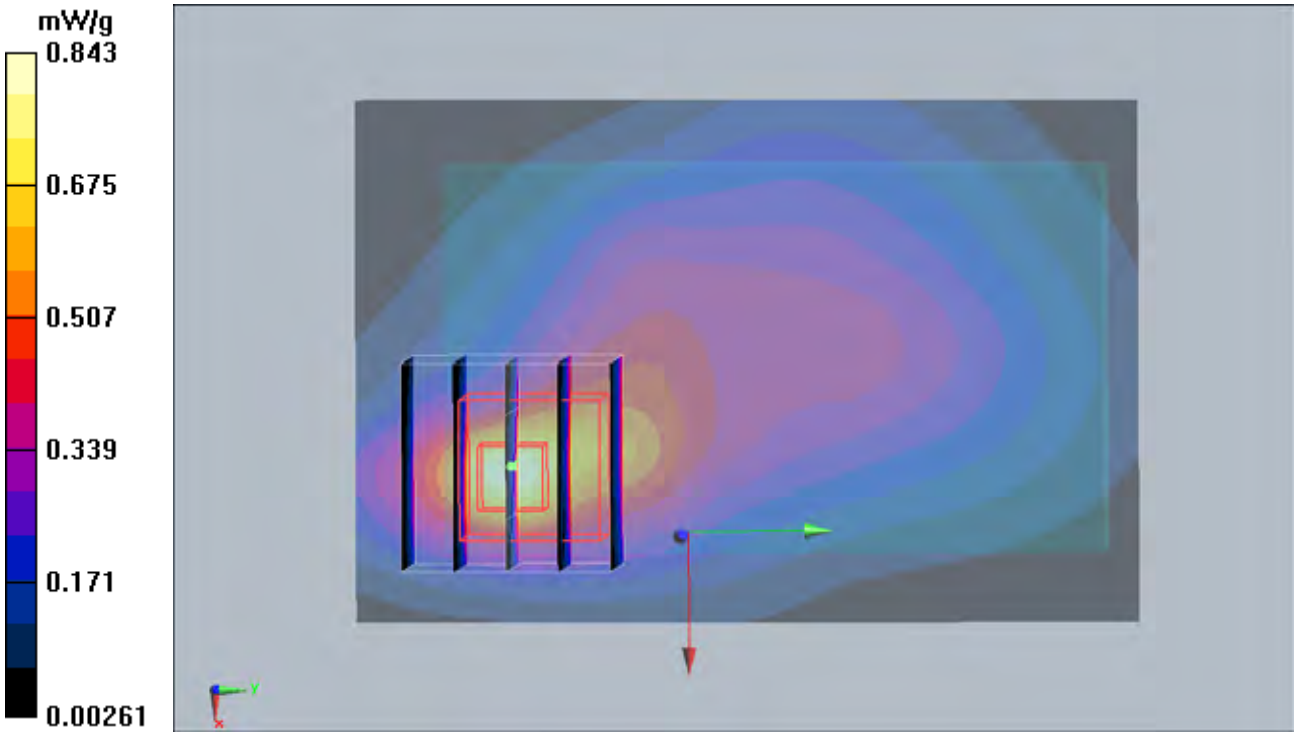
DUT: 112545

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110219 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = 0.00119 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.710 mW/g


mW/g
0.843
0.675
0.507
0.339
0.171
0.00261

#66 GSM1900_GPRS10_Rear Face_Ch512_1cm_Sample1_Battery1_2D

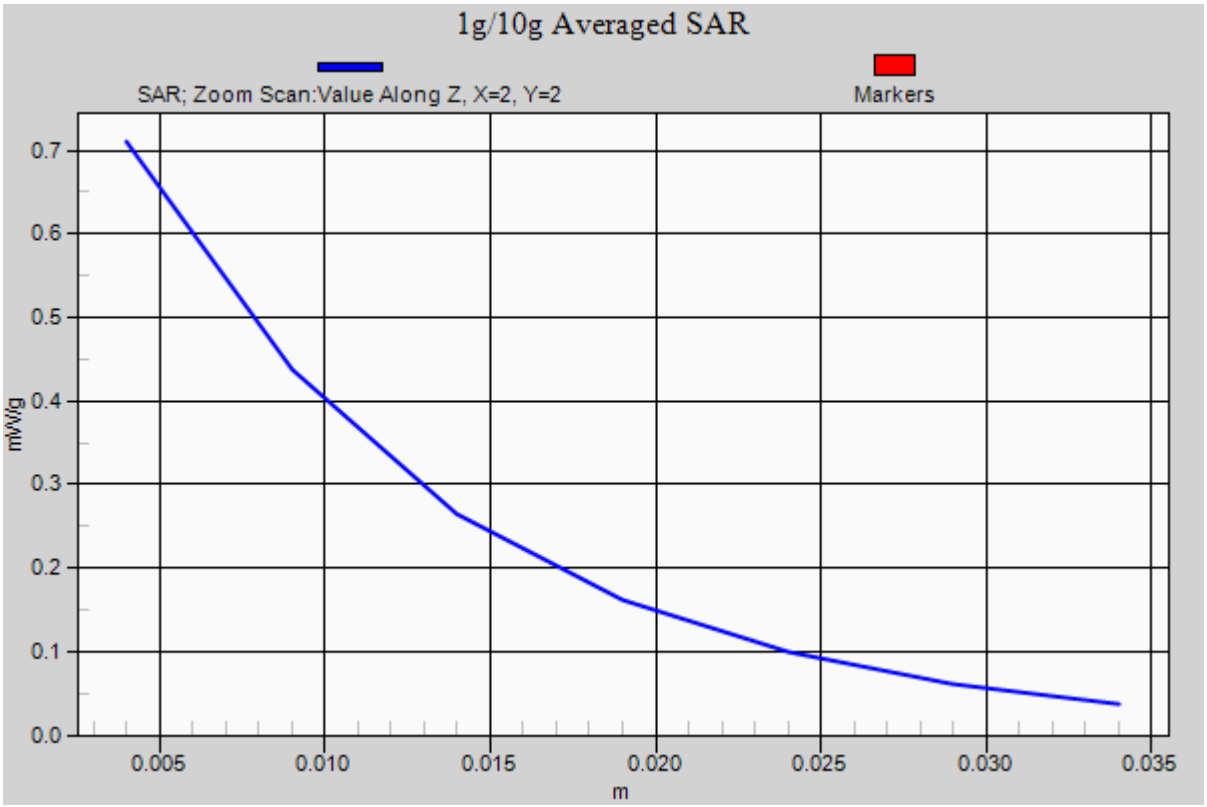
DUT: 112545

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110219 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 °C; Liquid Temperature：21.5 °C

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = 0.00119 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.710 mW/g



#70 GSM1900_GPRS10_Front Face_Ch512_1cm_Sample1_Battery1

DUT: 112545

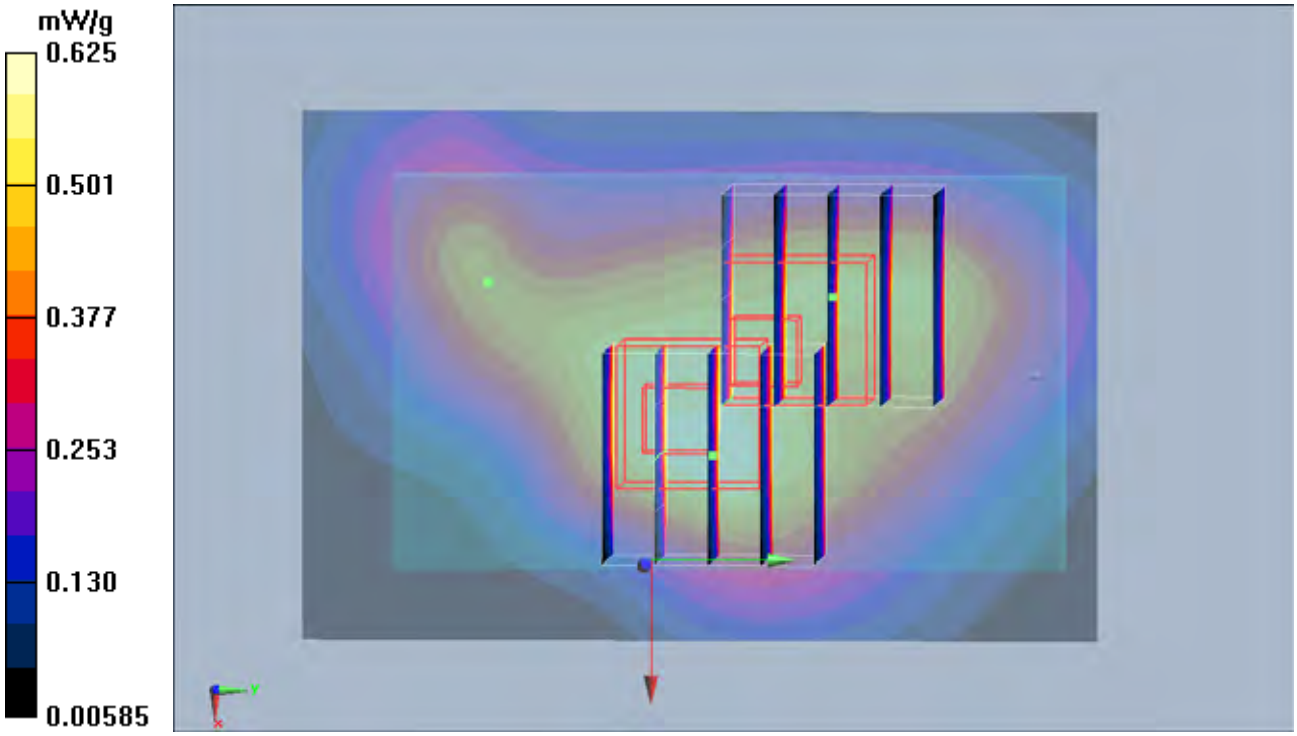
Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110219 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.391 mW/g
Maximum value of SAR (measured) = 0.580 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 0.568 mW/g


mW/g
0.625
0.501
0.377
0.253
0.130
0.00585

#71 GSM1900_GPRS10_Left Side_Ch512_1cm_Sample1_Battery1

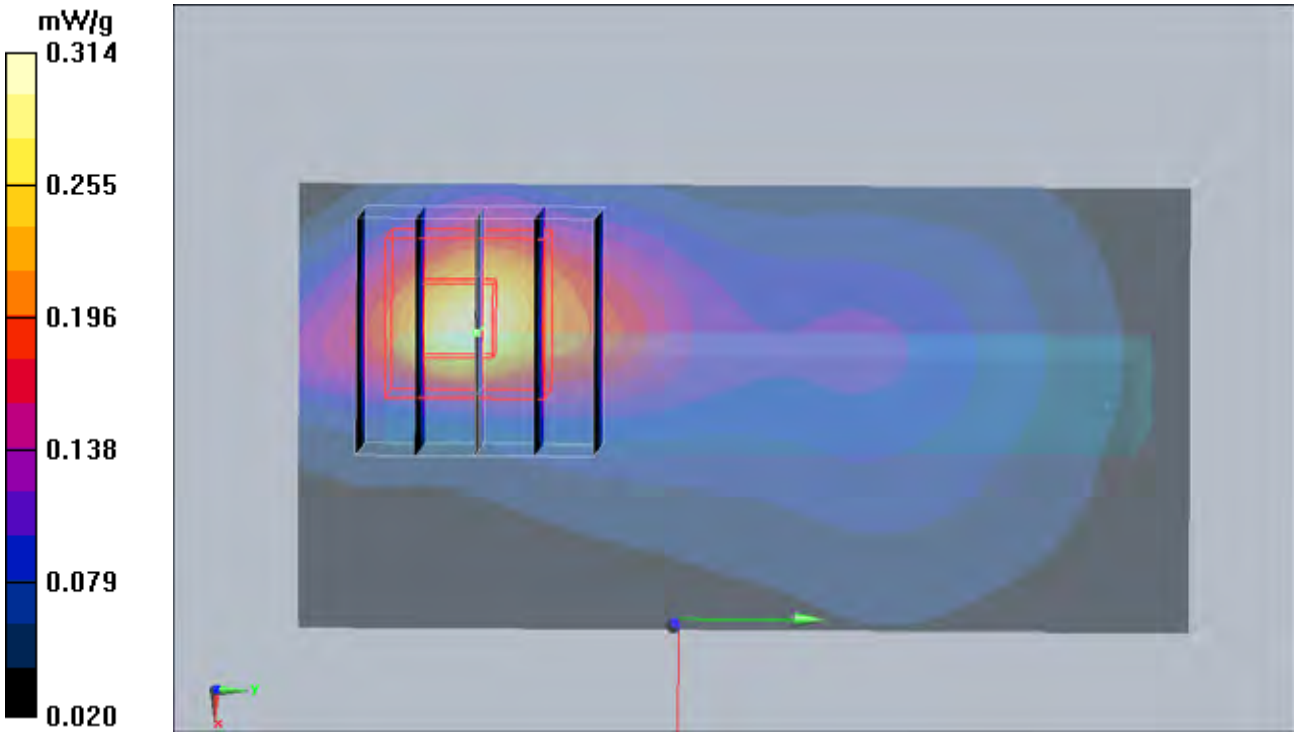
DUT: 112545

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110219 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.314 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.95 V/m; Power Drift = 0.096 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.299 mW/g


mW/g
0.314
0.255
0.196
0.138
0.079
0.020

#72 GSM1900_GPRS10_Right Side_Ch512_1cm_Sample1_Battery1

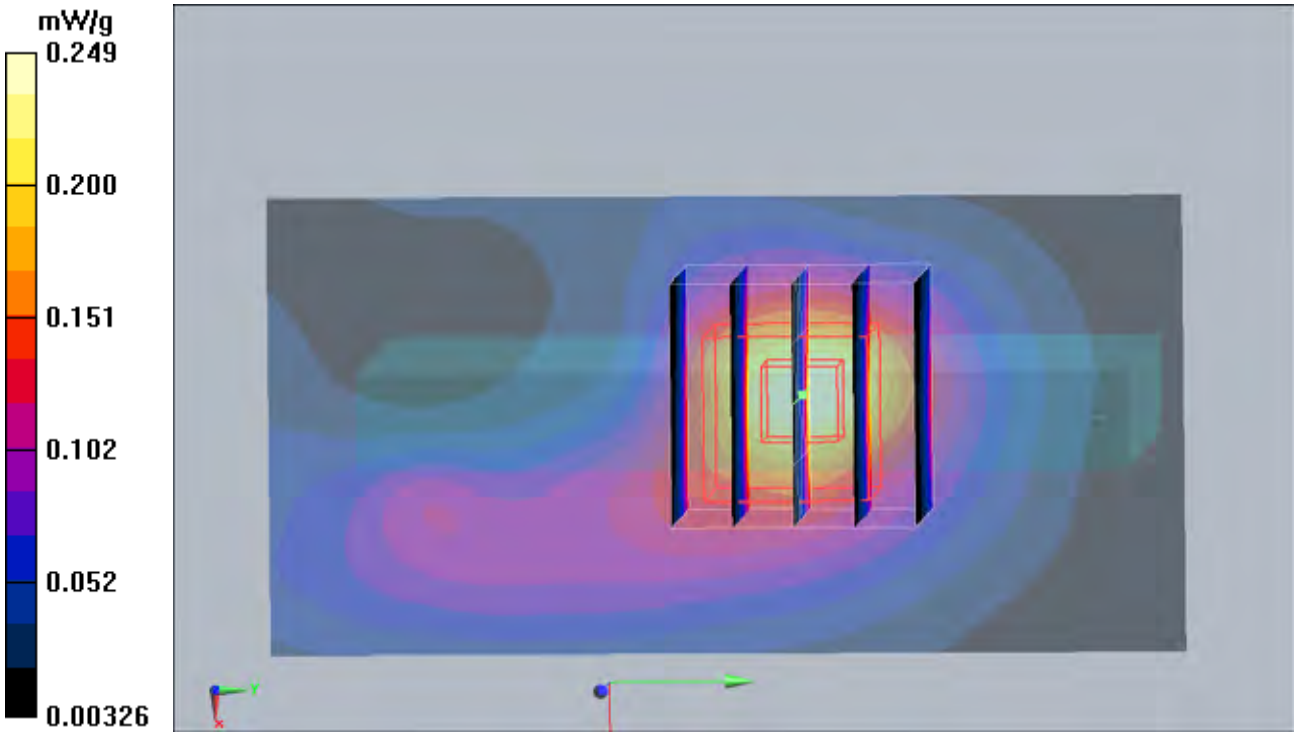
DUT: 112545

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110219 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.249 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.00313 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.254 mW/g


mW/g
0.249
0.200
0.151
0.102
0.052
0.00326

#74 GSM1900_GPRS10_Bottom Side_Ch512_1cm_Sample1_Battery1

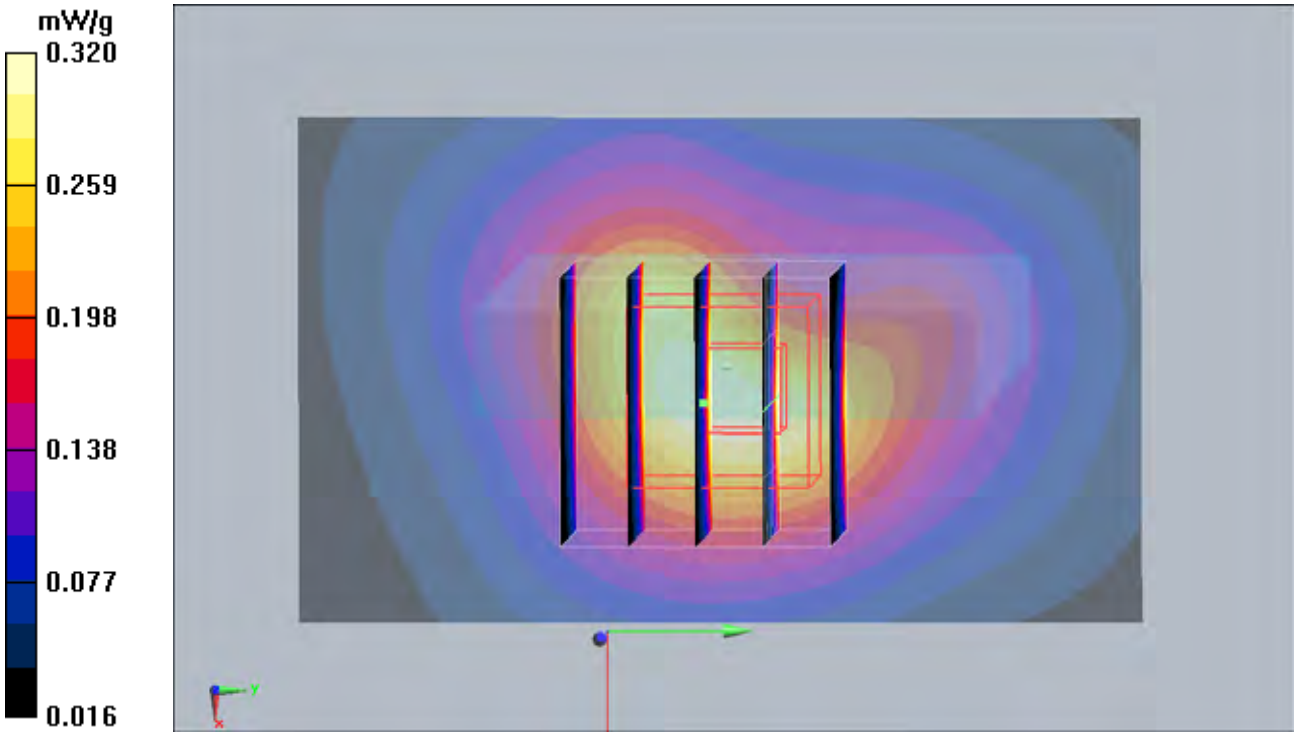
DUT: 112545

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110219 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.320 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.374 mW/g


mW/g
0.320
0.259
0.198
0.138
0.077
0.016

#20 WCDMA V_RMC12.2K_Rear Face_Ch4233_1cm_Sample1_Battery1

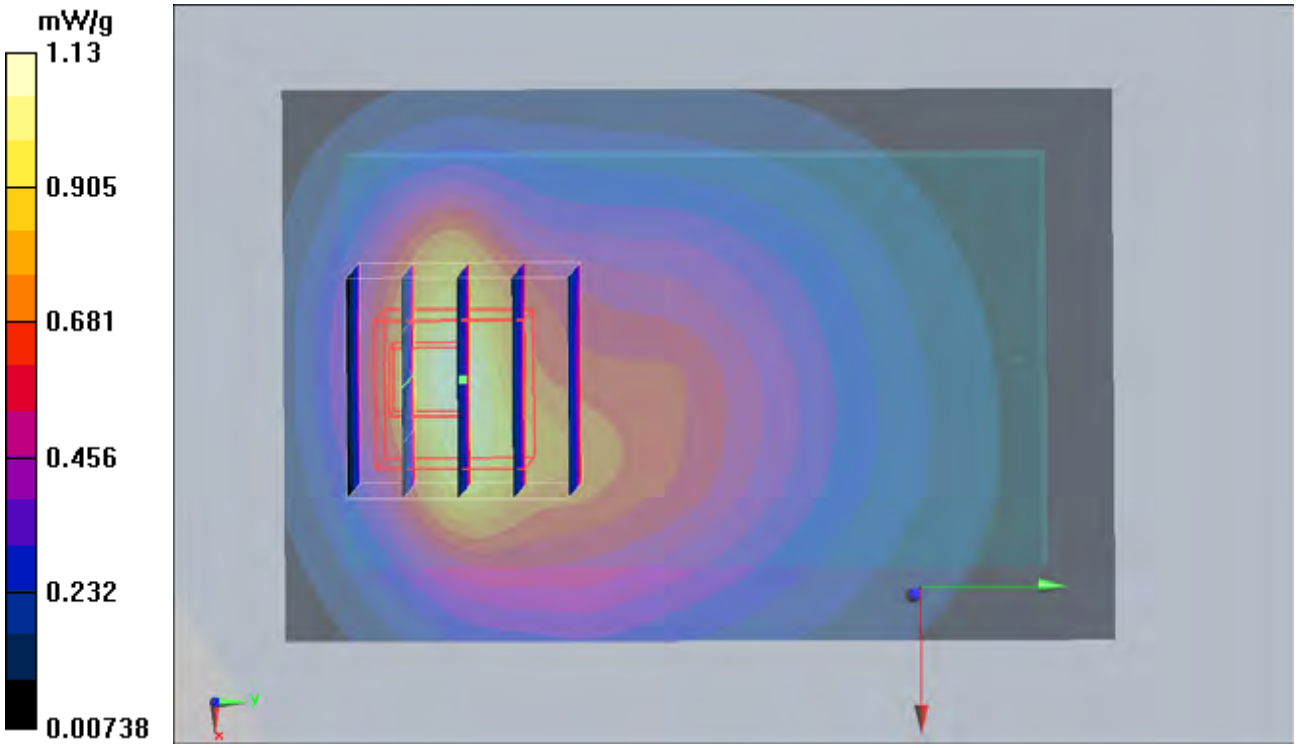
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110203 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.98 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.945 mW/g


mW/g
1.13
0.905
0.681
0.456
0.232
0.00738

#20 WCDMA V_RMC12.2K_Rear Face_Ch4233_1cm_Sample1_Battery1_2D

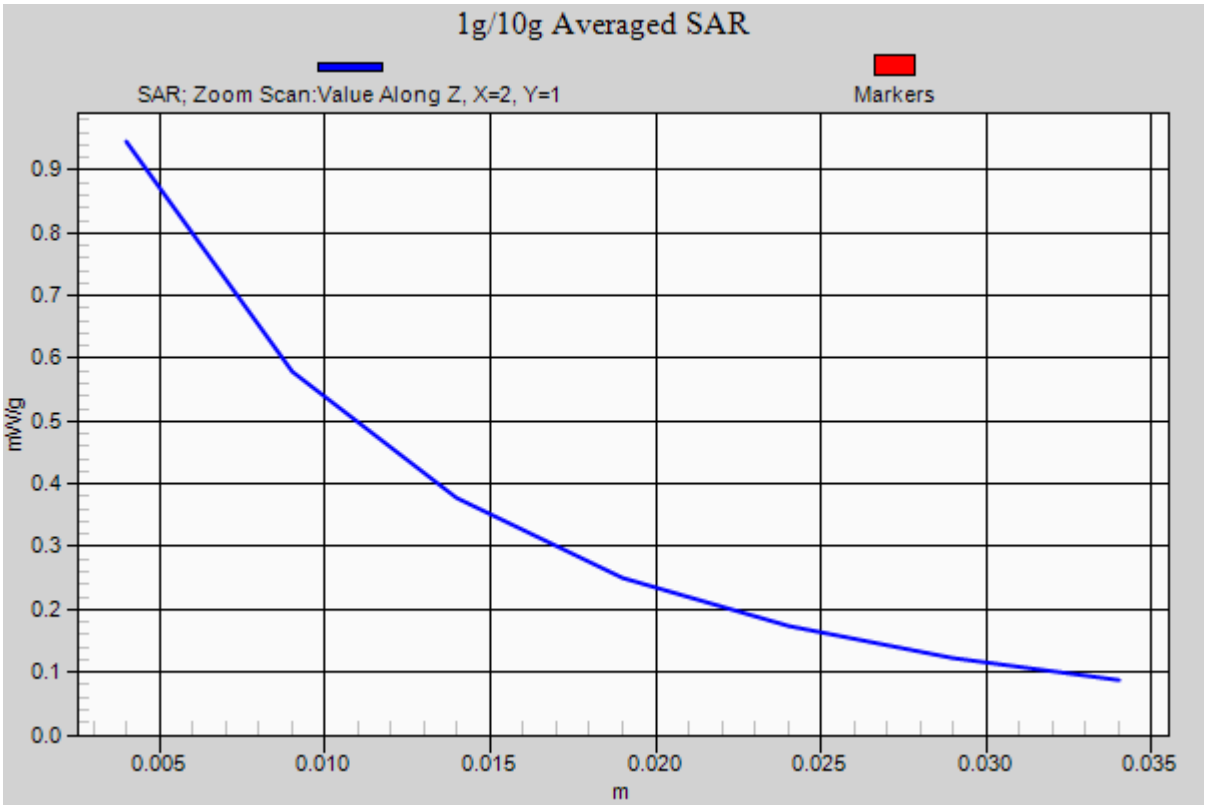
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110203 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.98 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.945 mW/g



#21 WCDMA V_RMC12.2K_Front Face_Ch4233_1cm_Sample1_Battery1

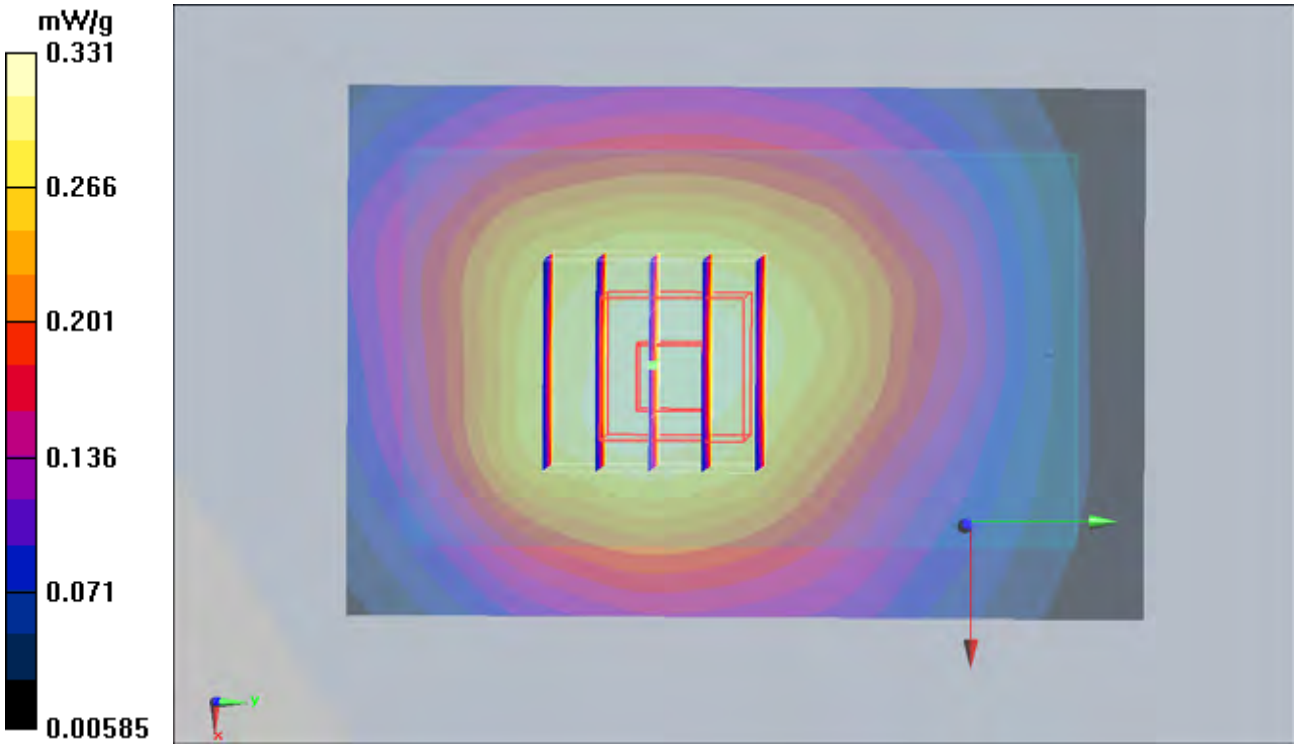
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110203 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.07 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.324 mW/g


mW/g
0.331
0.266
0.201
0.136
0.071
0.00585

#22 WCDMA V_RMC12.2K_Left Side_Ch4233_1cm_Sample1_Battery1

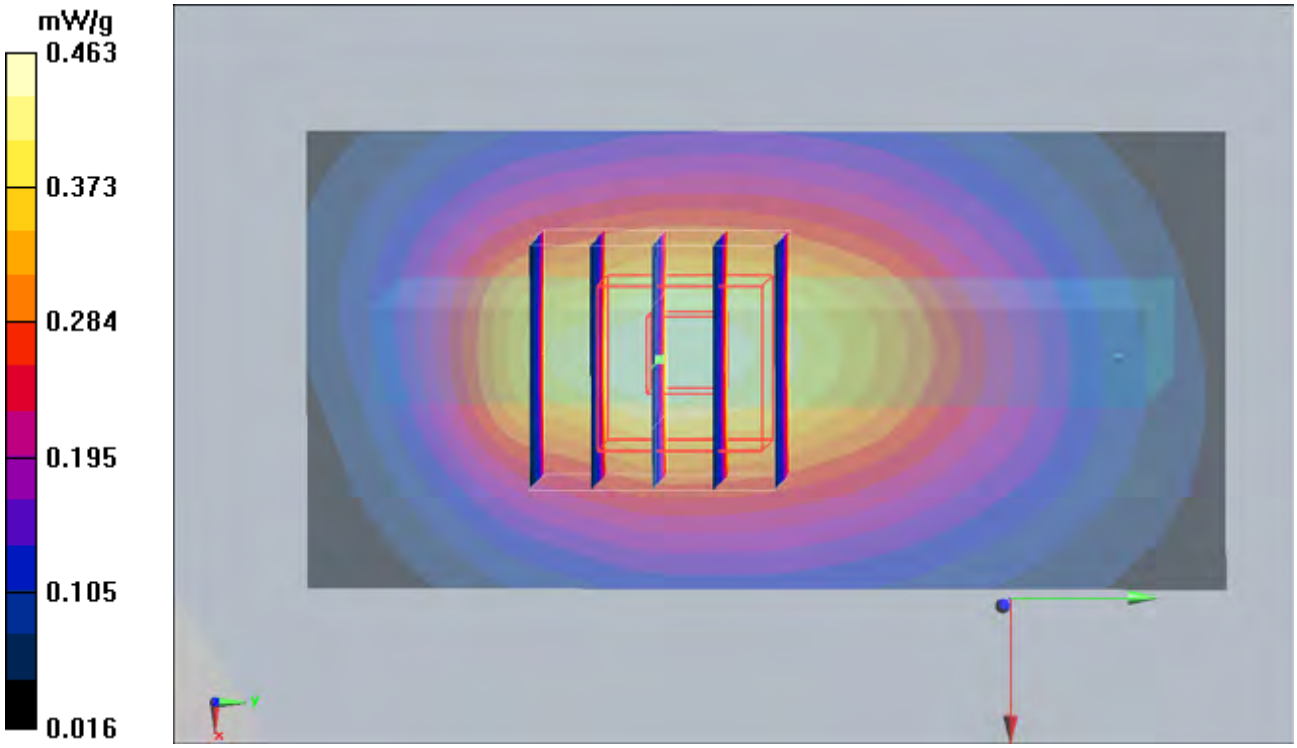
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110203 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.463 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.443 mW/g


mW/g
0.463
0.373
0.284
0.195
0.105
0.016

#23 WCDMA V_RMC12.2K_Right Side_Ch4233_1cm_Sample1_Battery1

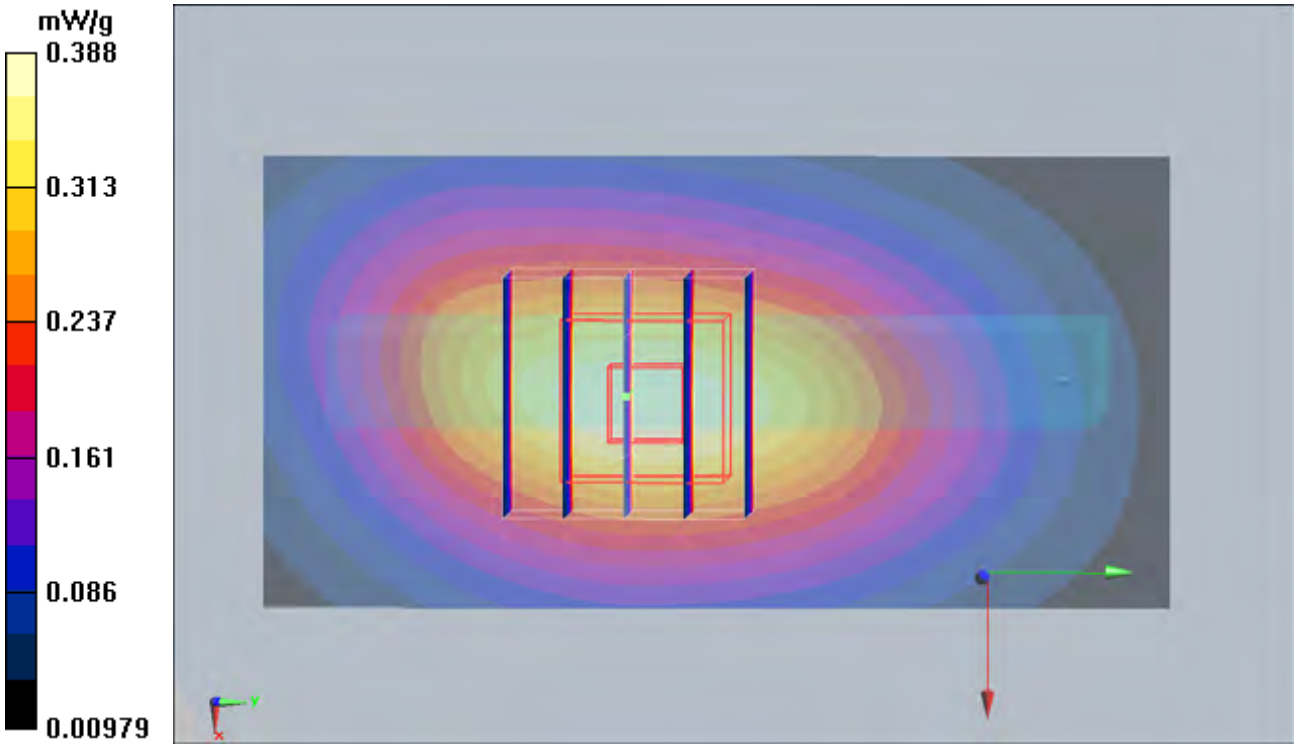
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110203 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.388 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.3 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.387 mW/g


mW/g
0.388
0.313
0.237
0.161
0.086
0.00979

#25 WCDMA V_RMC12.2K_Bottom Side_Ch4233_1cm_Sample1_Battery1

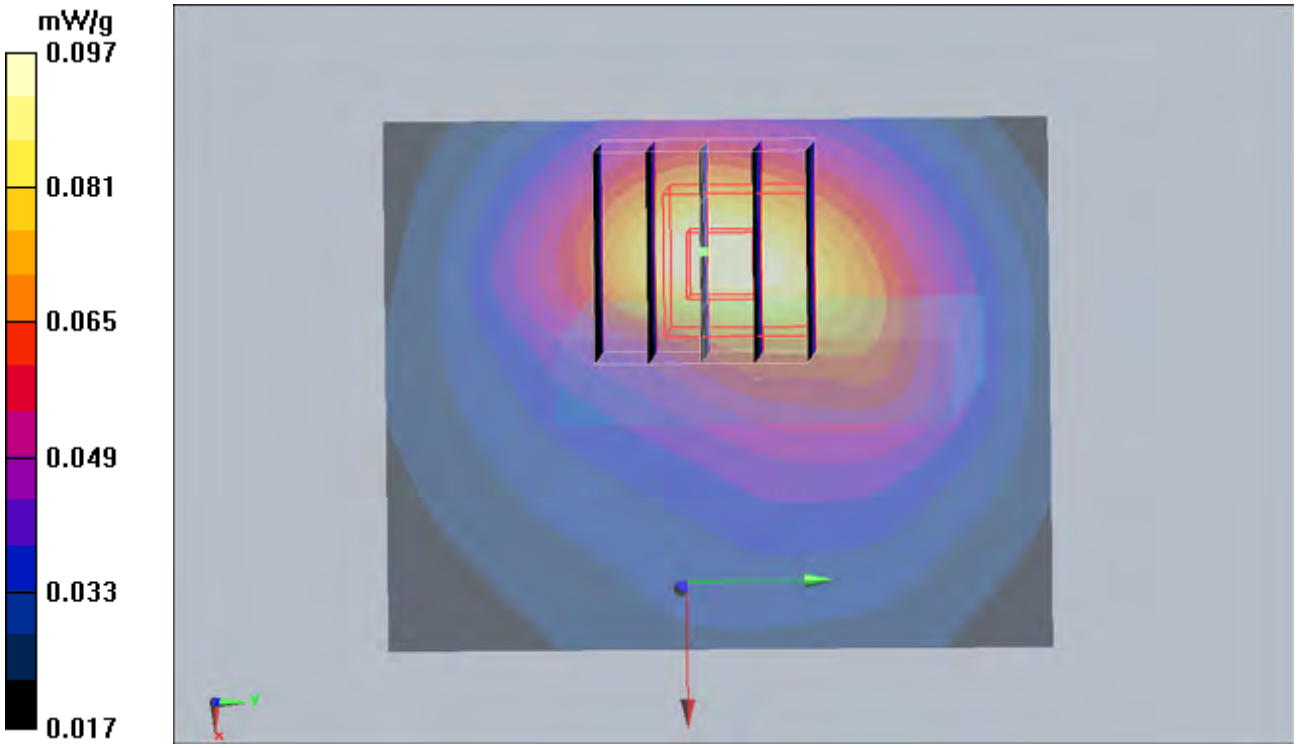
DUT: 112545

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110203 Medium parameters used: f = 847 MHz; σ = 0.965 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.097 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.58 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.094 mW/g


mW/g
0.097
0.081
0.065
0.049
0.033
0.017

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/18

#51 WCDMA II_RMC12.2K_Rear Face_Ch9262_1cm_Sample1_Battery1

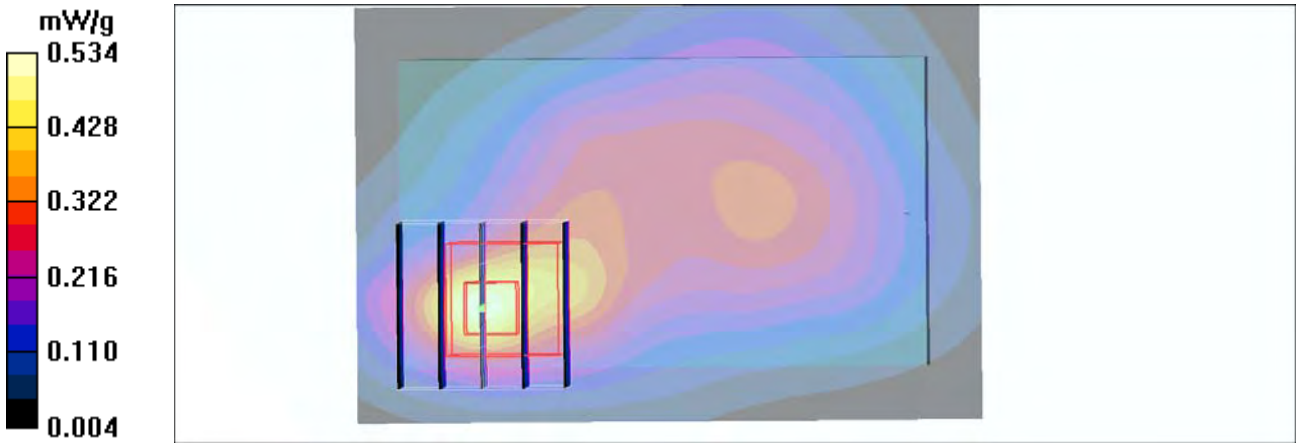
DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.534 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 0.705 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.496 mW/g



#51 WCDMA II_RMC12.2K_Rear Face_Ch9262_1cm_Sample1_Battery1_2D

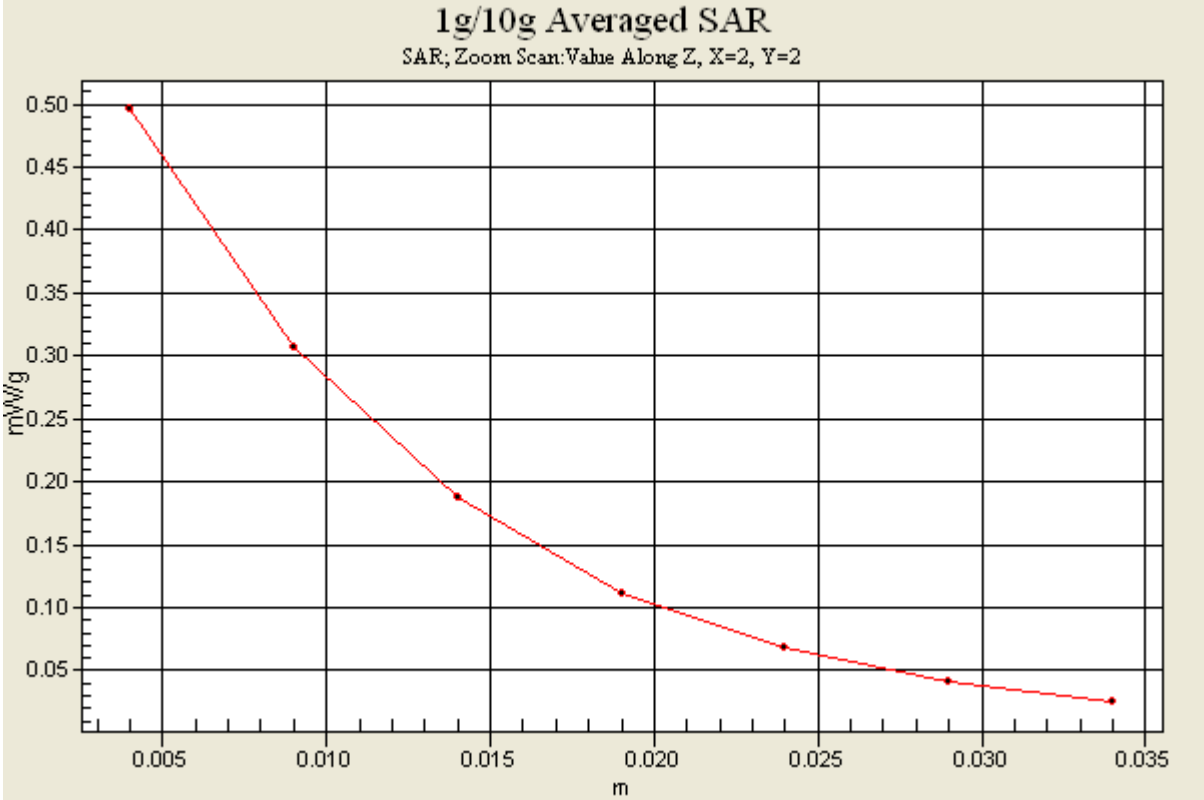
DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.534 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 0.705 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.496 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/19

#55 WCDMA II_RMC12.2K_Front Face_Ch9262_1cm_Sample1_Battery1

DUT: 112545

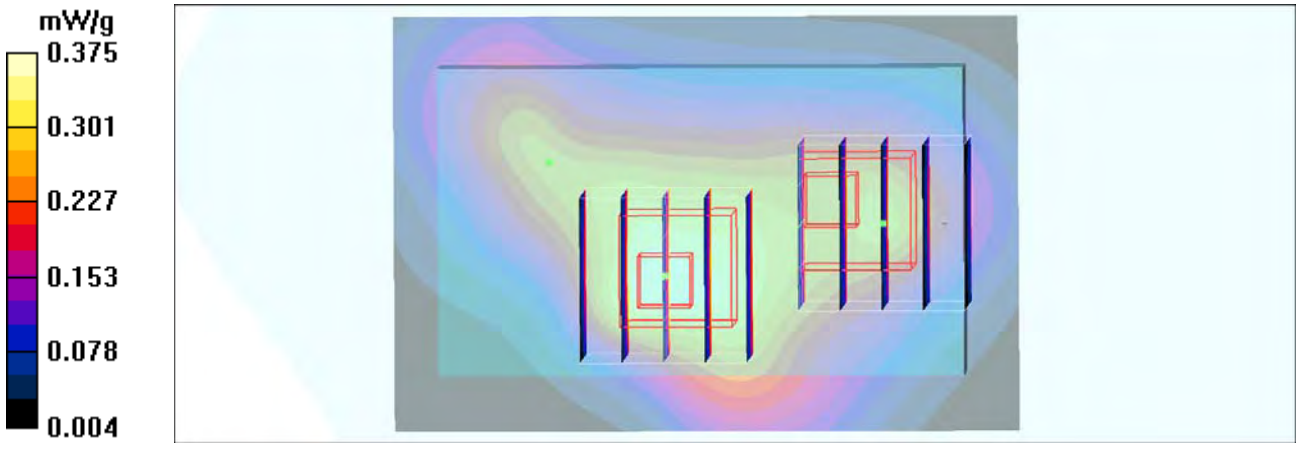
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.375 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.346 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.278 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/18

#56 WCDMA II_RMC12.2K_Left Side_Ch9262_1cm_Sample1_Battery1

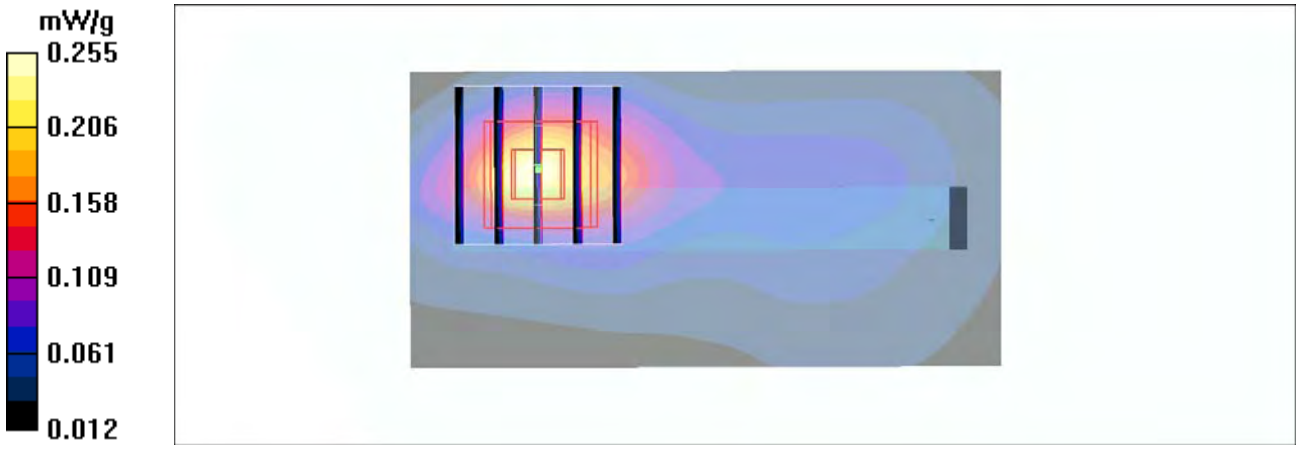
DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.20 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/18

#57 WCDMA II_RMC12.2K_Right Side_Ch9262_1cm_Sample1_Battery1

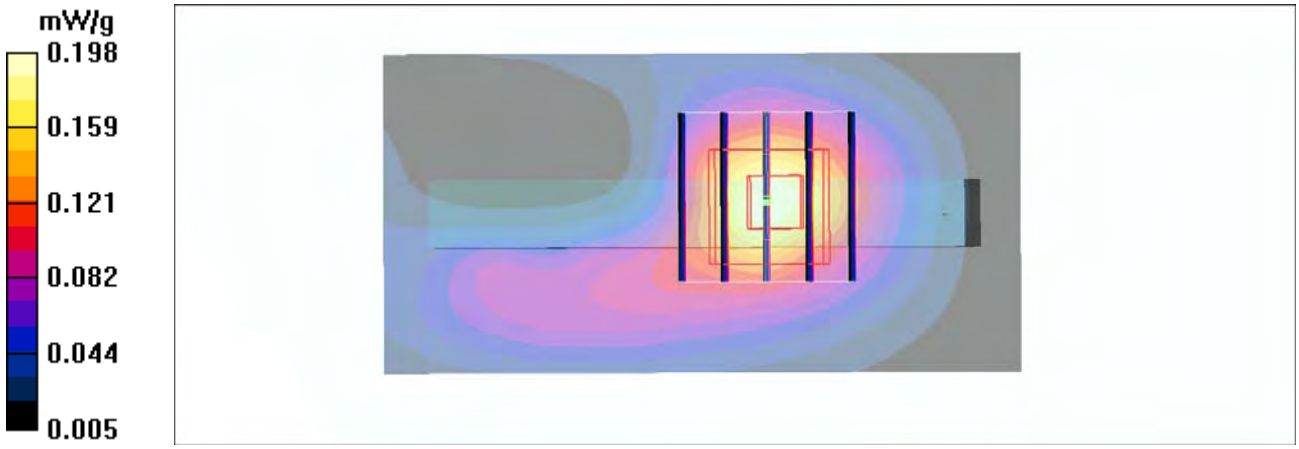
DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.198 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.20 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.199 mW/g



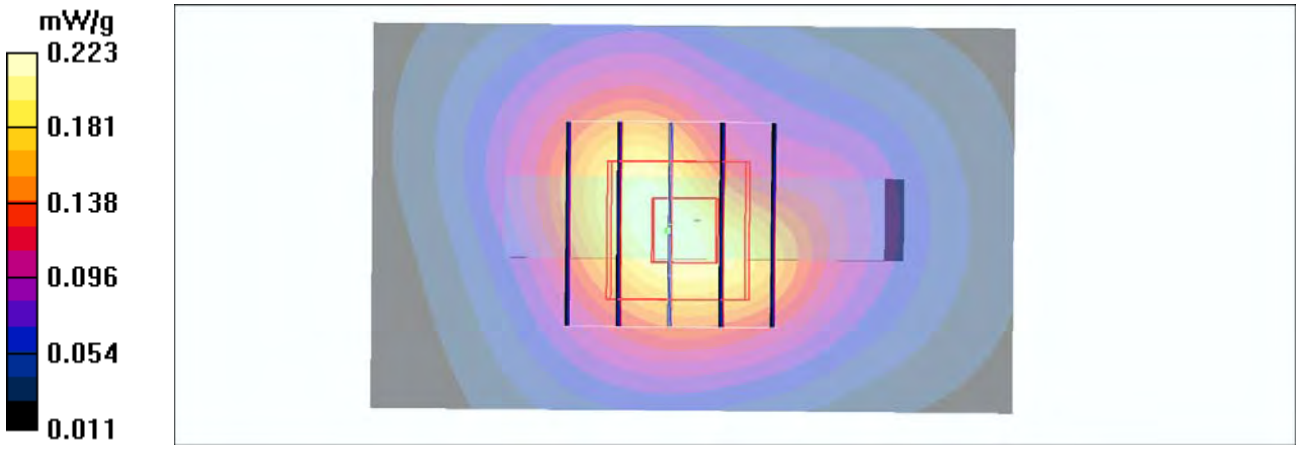
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/18

#59 WCDMA II_RMC12.2K_Bottom Side_Ch9262_1cm_Sample1_Battery1

DUT: 112545

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110218 Medium parameters used: f = 1852.4 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.223 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.243 mW/g