Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/3

#01 GSM850_Right Cheek_Ch251_Sample1_Battery1

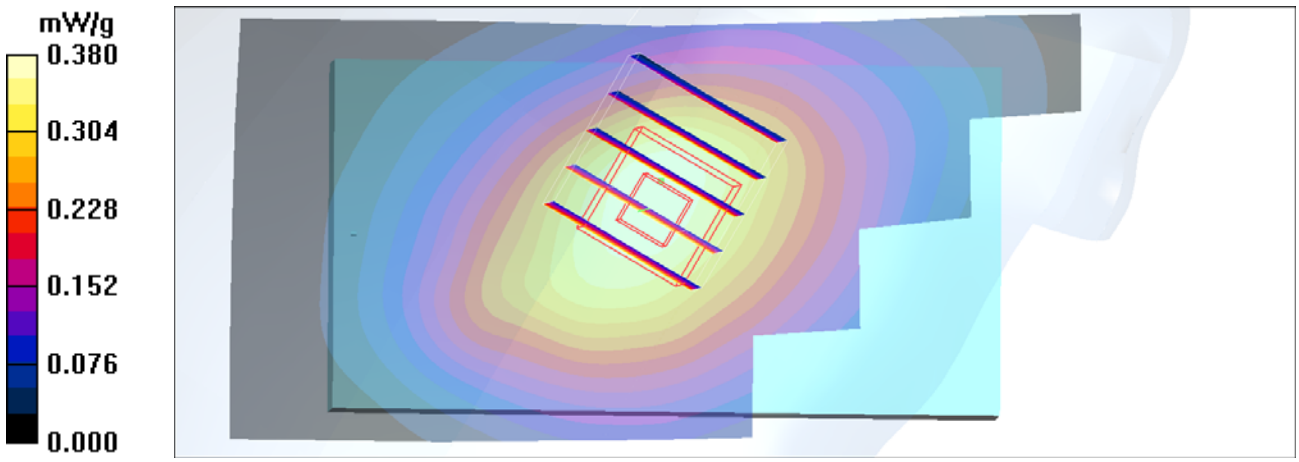
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110303 Medium parameters used: f = 849 MHz; σ = 0.89 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.3 ℃

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-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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.380 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.15 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.268 mW/g
Maximum value of SAR (measured) = 0.371 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/28

#02 GSM850_Right Cheek_Ch251_Sample2_Battery2

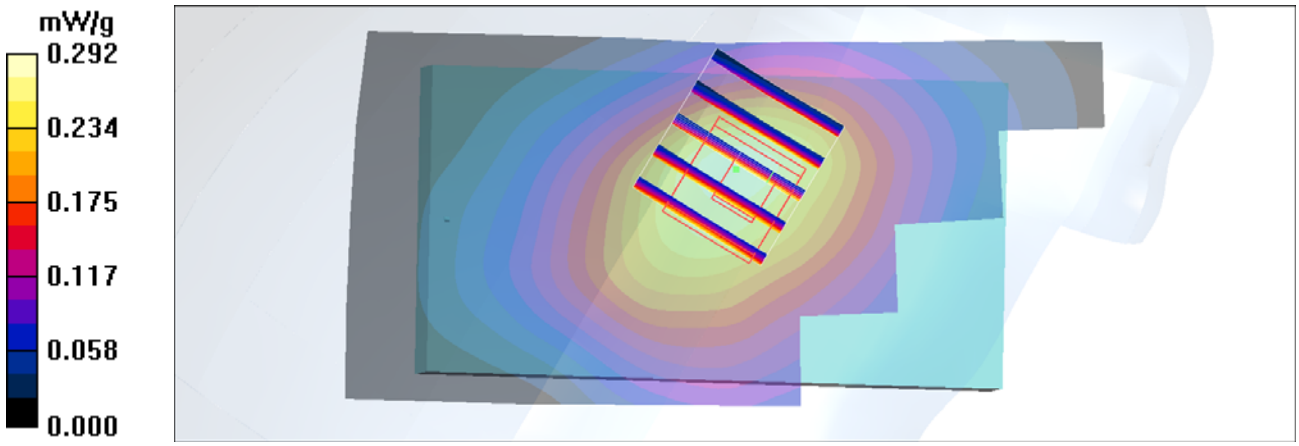
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110328 Medium parameters used: f = 849 MHz; σ = 0.934 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; 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: DAE3 Sn577; Calibrated: 2011/1/13
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.292 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.22 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/3

#03 GSM850_Right Cheek_Ch251_Sample1_Battery3

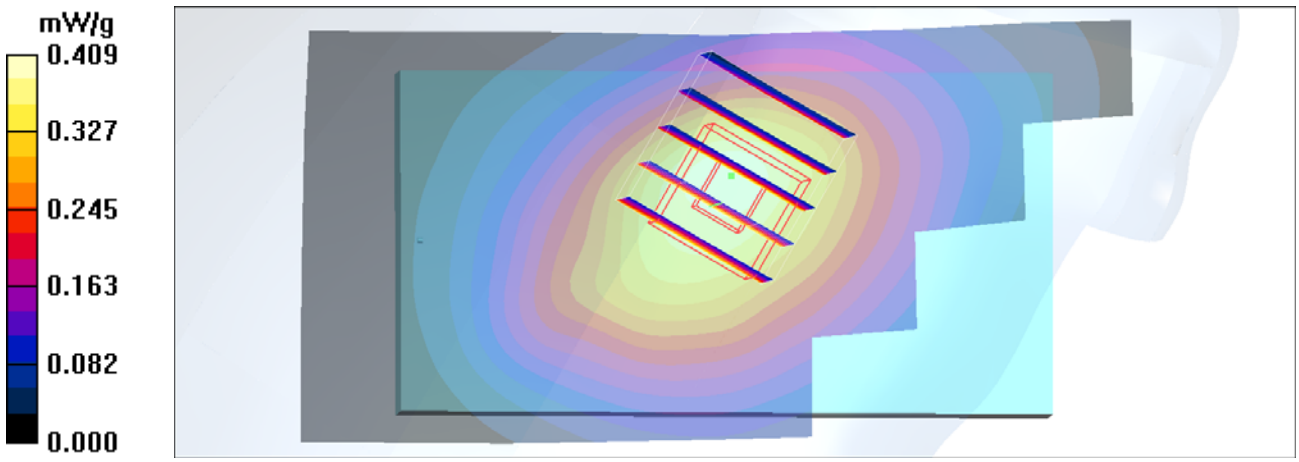
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110303 Medium parameters used: f = 849 MHz; σ = 0.89 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

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-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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.409 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.22 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



#03 GSM850_Right Cheek_Ch251_Sample1_Battery3_2D

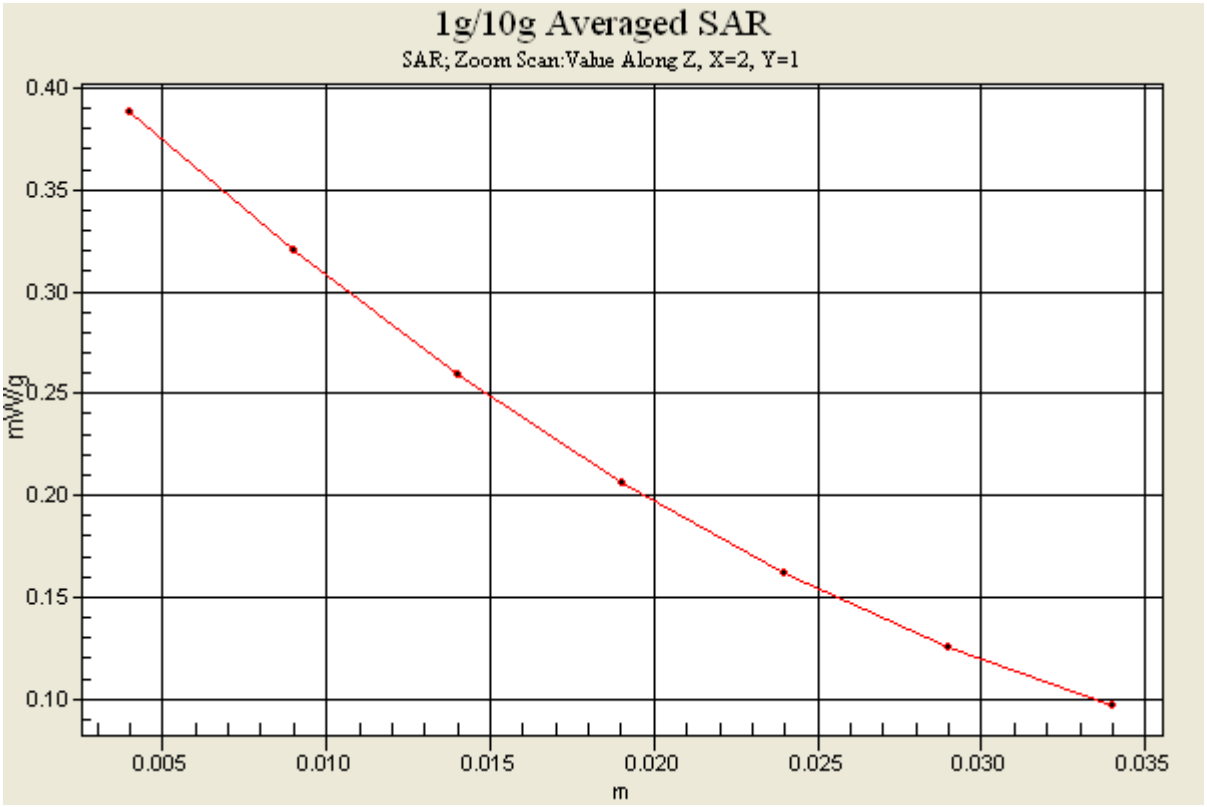
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110303 Medium parameters used: f = 849 MHz; σ = 0.89 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； 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-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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.409 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.22 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



#04 GSM850_Right Tilted_Ch251_Sample1_Battery3

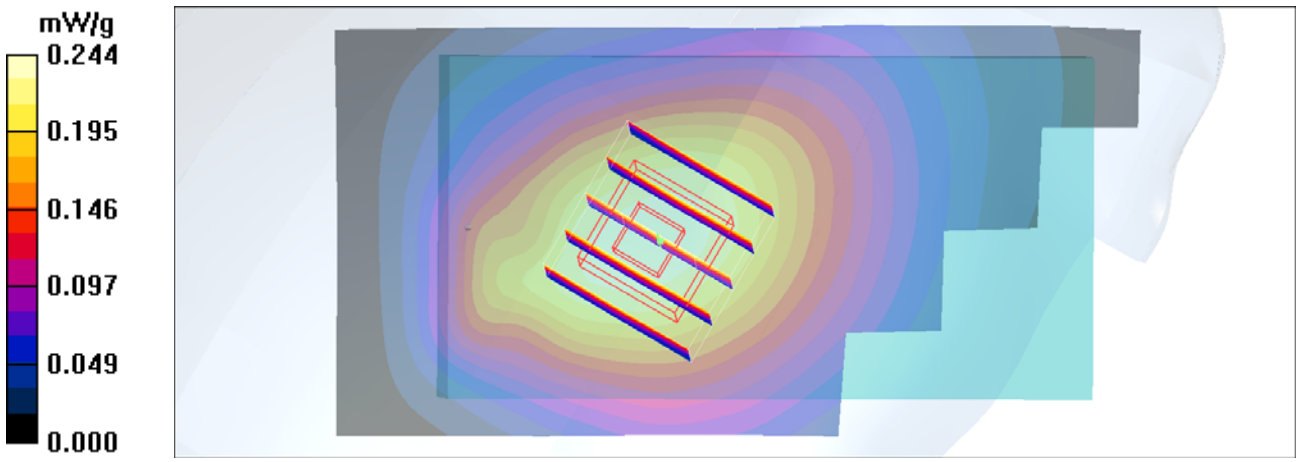
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110303 Medium parameters used: f = 849 MHz; σ = 0.89 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.3 ℃

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-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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/3

#05 GSM850_Left Cheek_Ch251_Sample1_Battery3

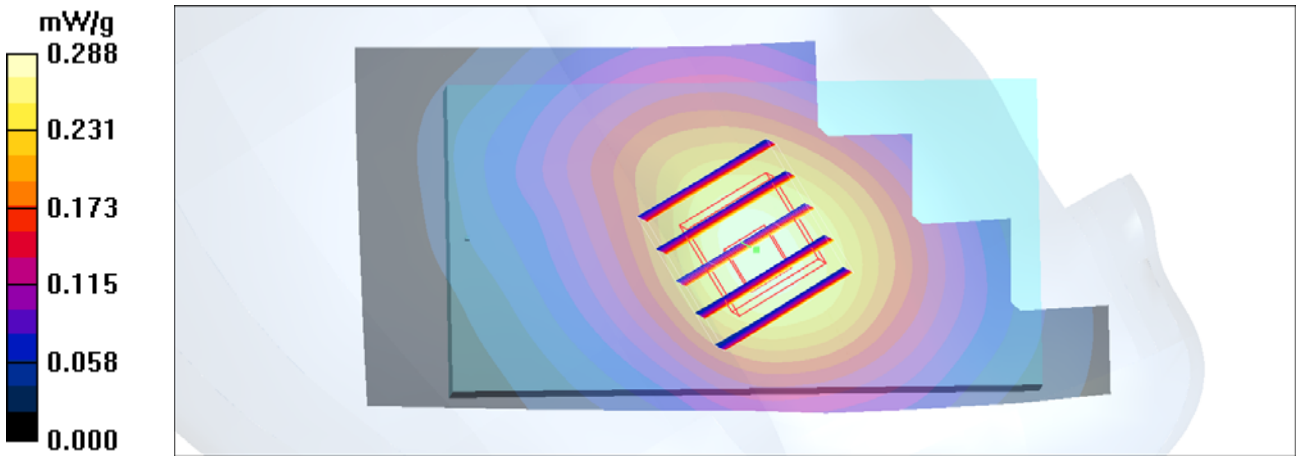
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110303 Medium parameters used: f = 849 MHz; σ = 0.89 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

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-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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.91 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.288 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/3

#06 GSM850_Left Tilted_Ch251_Sample1_Battery3

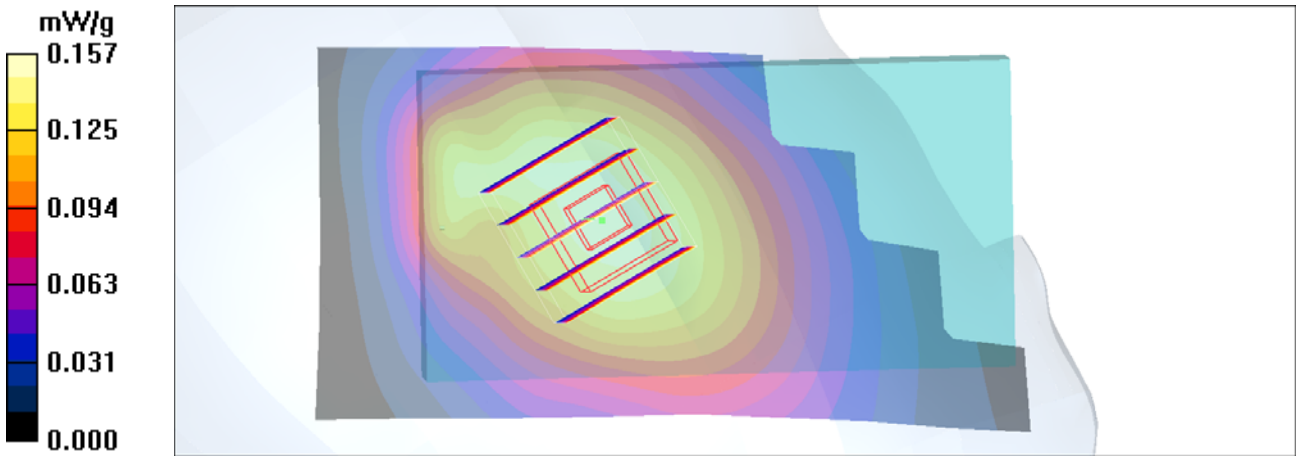
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_110303 Medium parameters used: f = 849 MHz; σ = 0.89 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.3 ℃

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-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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



#41 GSM1900_Right Cheek_Ch810_Sample1_Battery1

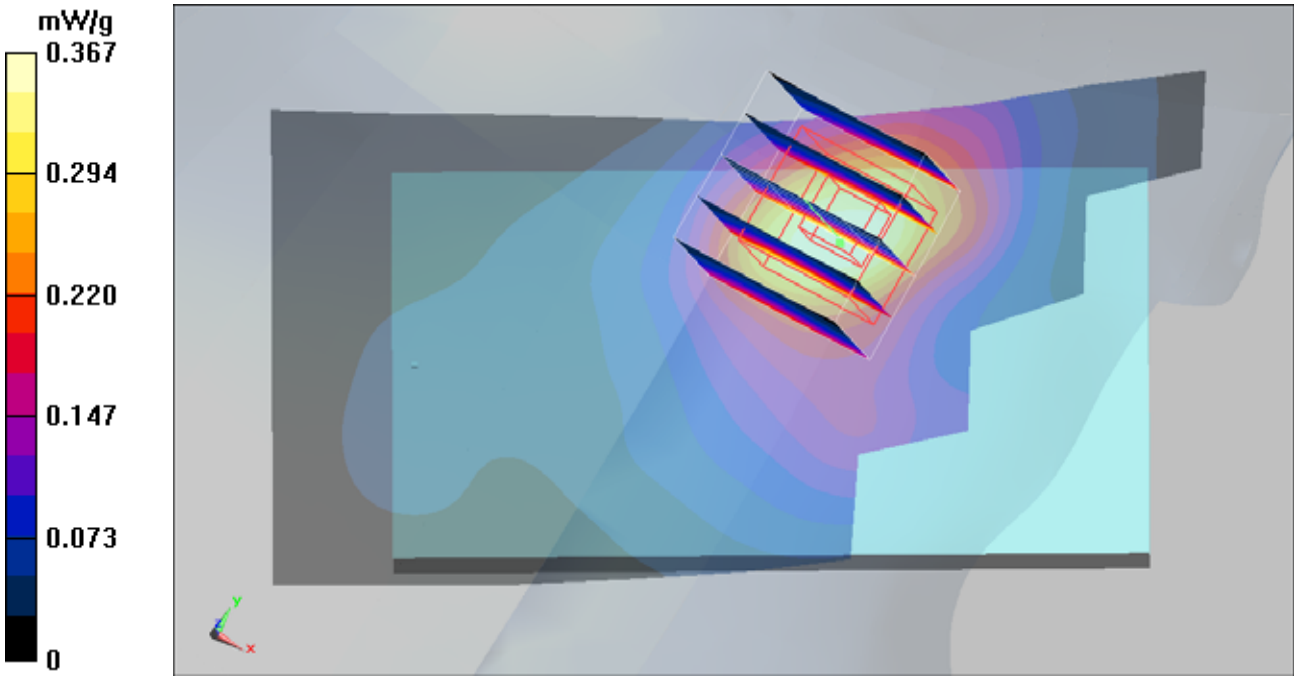
DUT: 121019

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.367 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.44 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.360 mW/g


mW/g
0.367
0.294
0.220
0.147
0.073
0

#41 GSM1900_Right Cheek_Ch810_Sample1_Battery1_2D

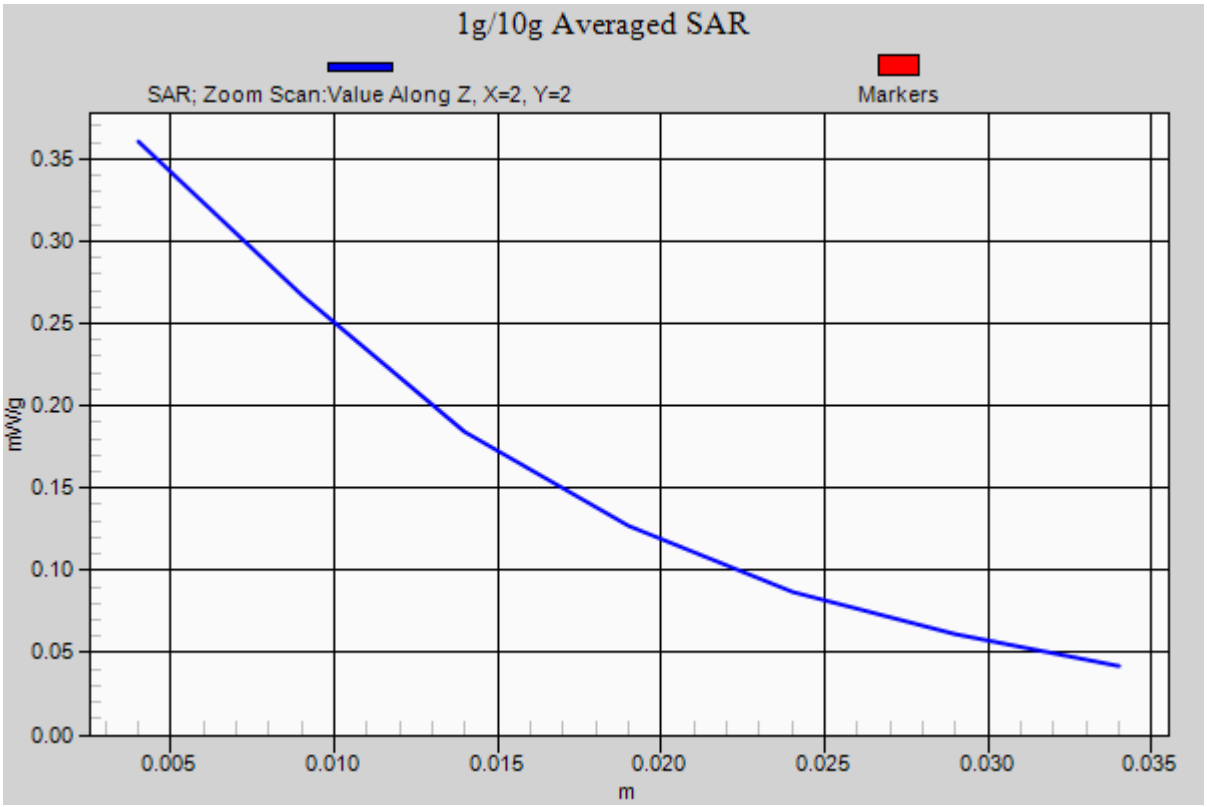
DUT: 121019

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; 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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.367 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.44 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.360 mW/g



#42 GSM1900_Right Cheek_Ch810_Sample2_Battery2

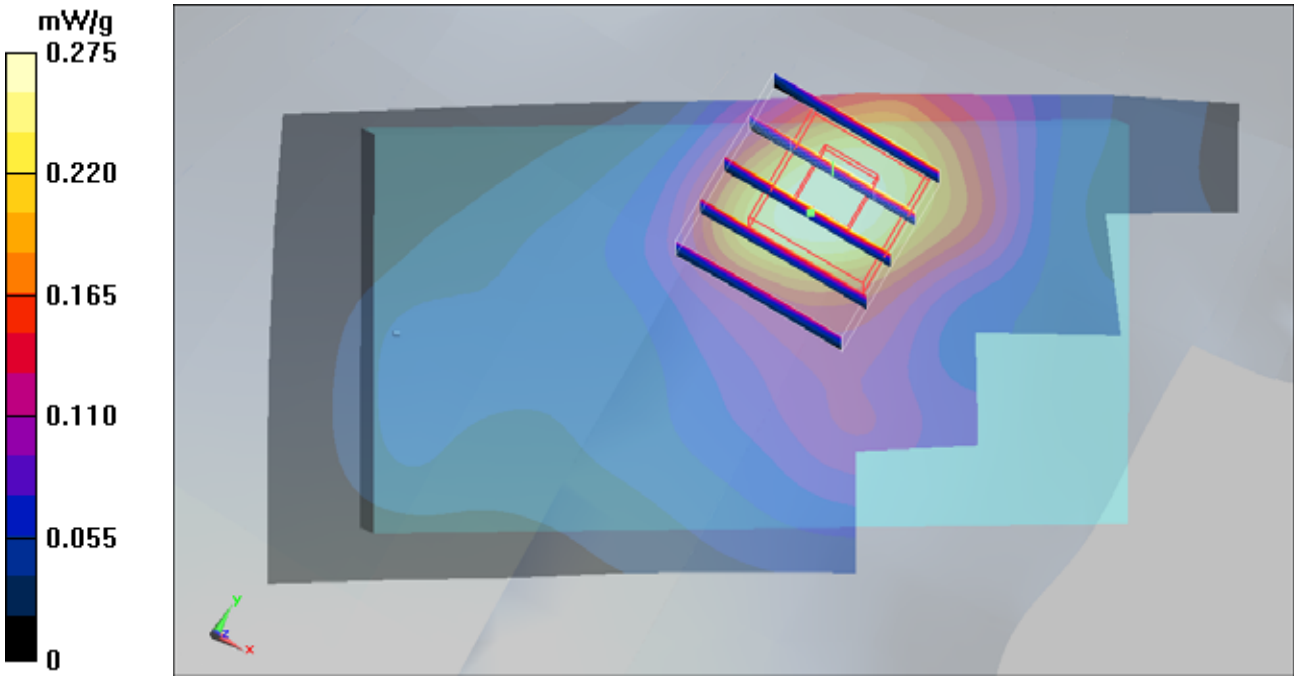
DUT: 121019

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.275 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.93 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.277 mW/g


mW/g
0.275
0.220
0.165
0.110
0.055
0

#43 GSM1900_Right Cheek_Ch810_Sample1_Battery3

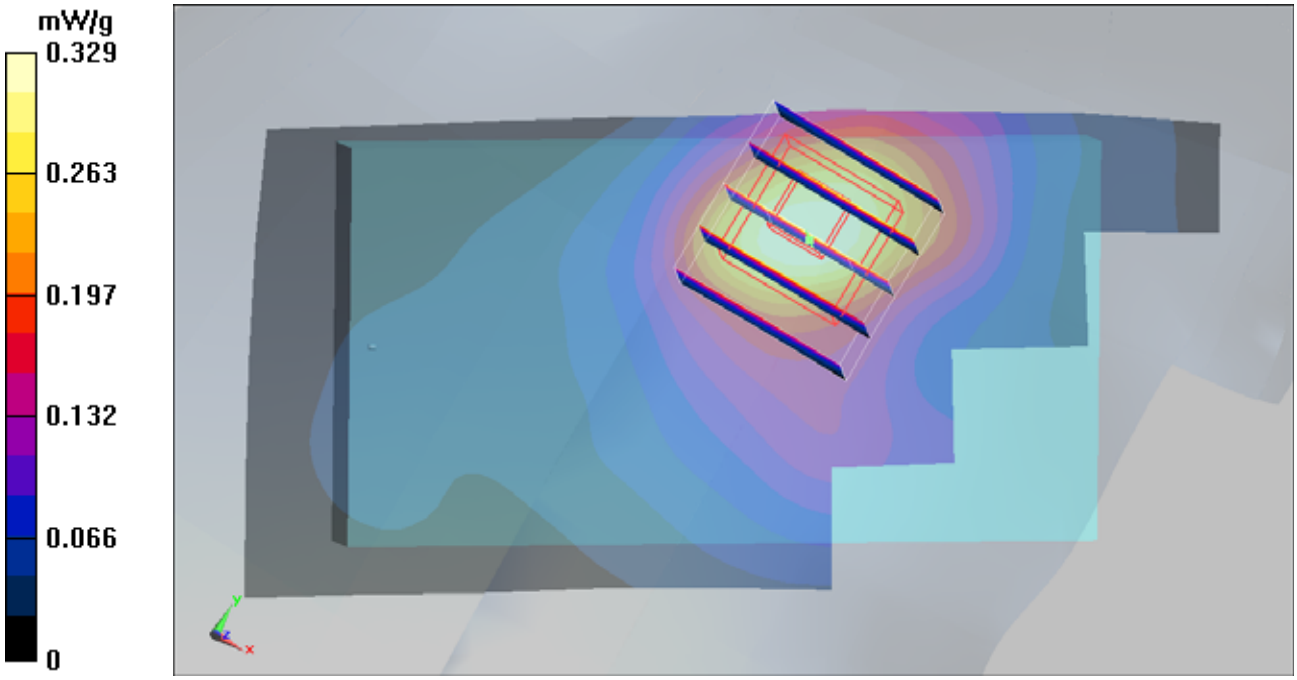
DUT: 121019

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.329 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.26 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.321 mW/g


mW/g
0.329
0.263
0.197
0.132
0.066
0

#44 GSM1900_Right Tilted_Ch810_Sample1_Battery1

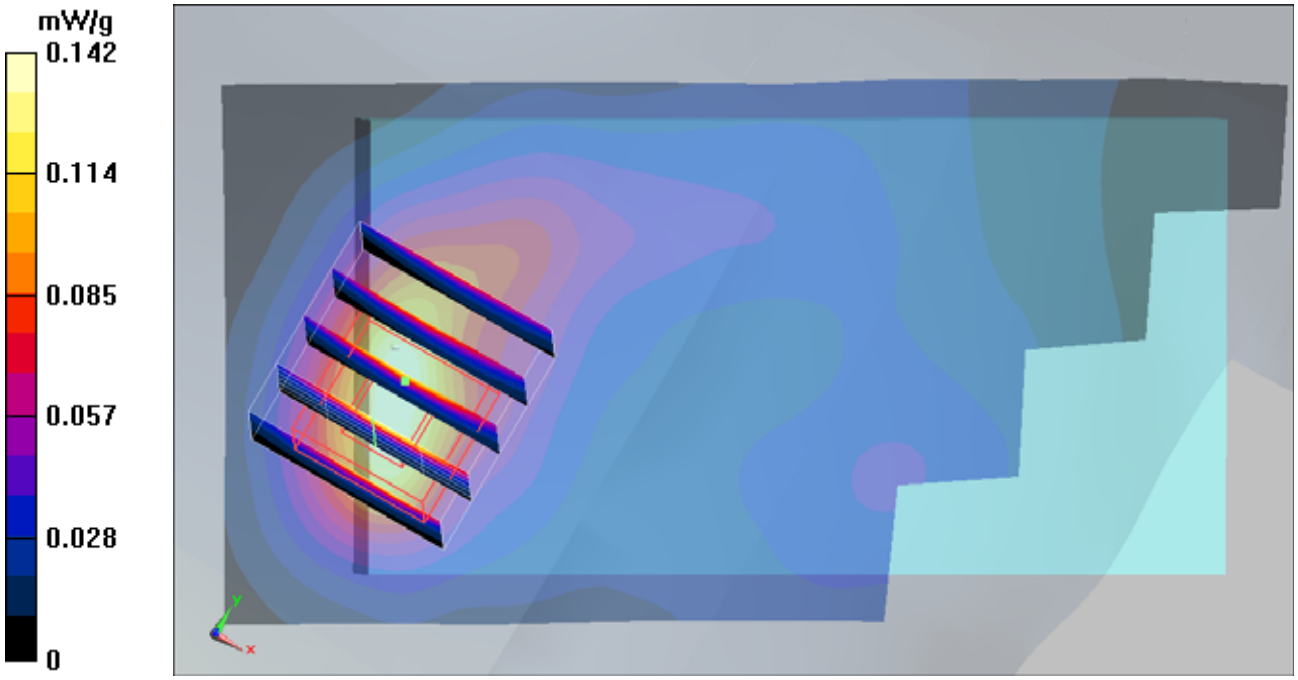
DUT: 121019

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.142 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.74 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.140 mW/g


mW/g
0.142
0.114
0.085
0.057
0.028
0

#45 GSM1900_Left Cheek_Ch810_Sample1_Battery1

DUT: 121019

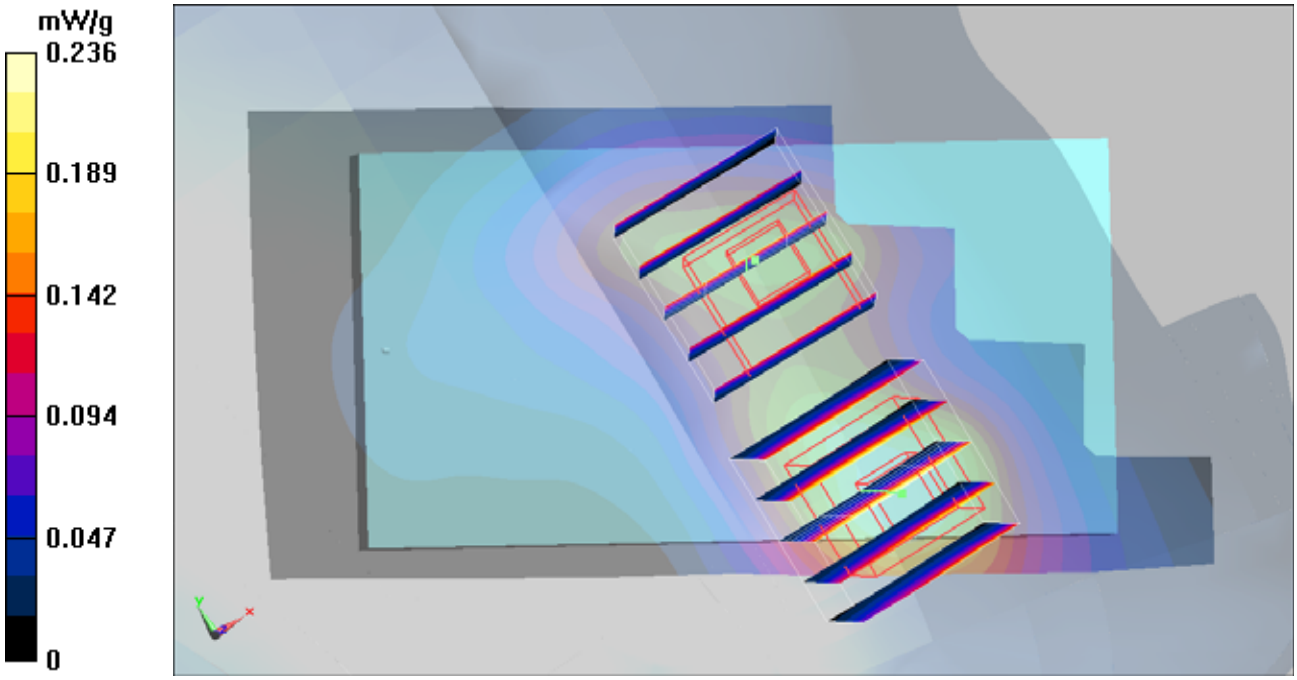
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.236 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.1 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.268 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.1 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.174 mW/g


mW/g
0.236
0.189
0.142
0.094
0.047
0

#46 GSM1900_Left Tilted_Ch810_Sample1_Battery1

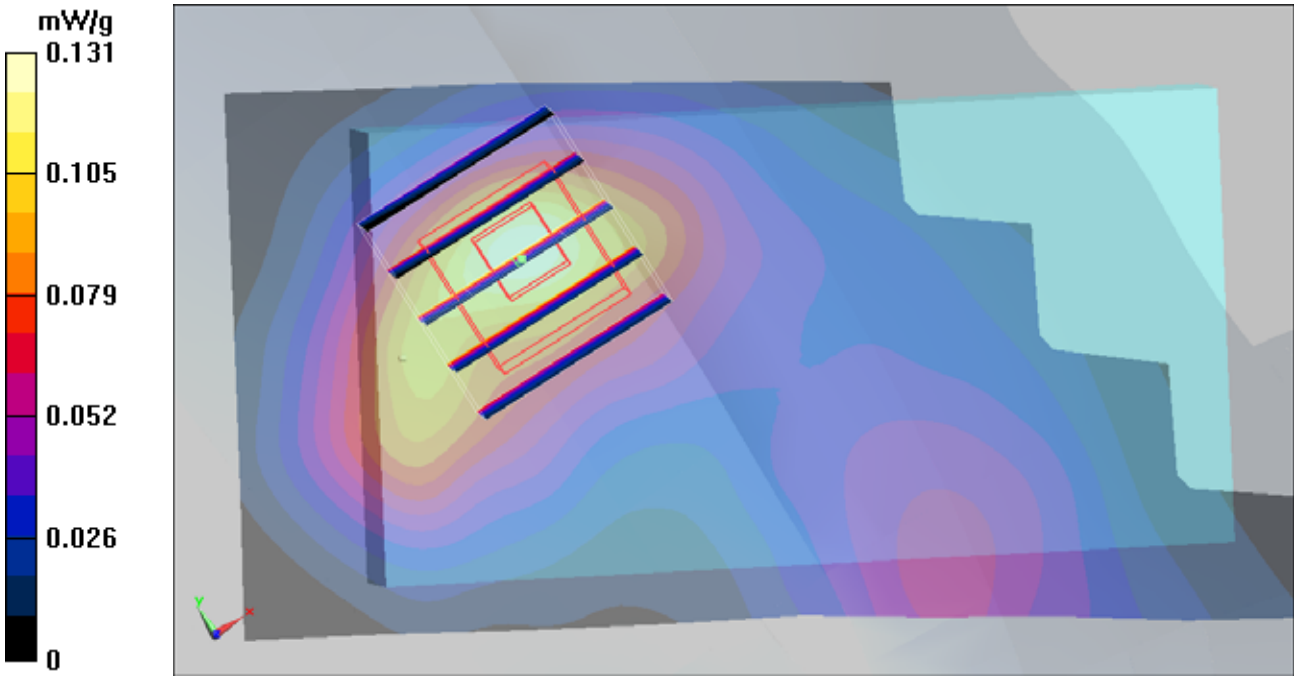
DUT: 121019

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.131 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.65 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.121 mW/g


mW/g
0.131
0.105
0.079
0.052
0.026
0

#53 WCDMA VI_12.2K_Right Cheek_Ch1413_Sample1_Battery1

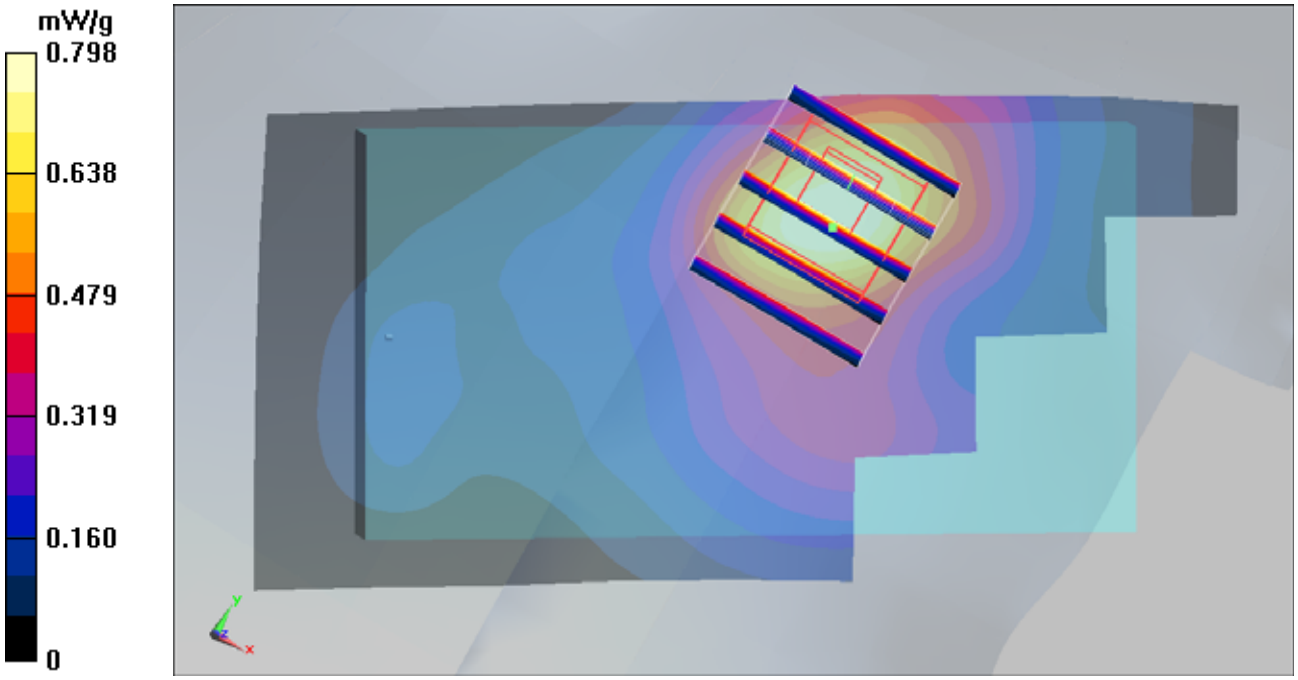
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.798 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.73 V/m; Power Drift = 0.160 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.504 mW/g
Maximum value of SAR (measured) = 0.823 mW/g


mW/g
0.798
0.638
0.479
0.319
0.160
0

#53 WCDMA VI_12.2K_Right Cheek_Ch1413_Sample1_Battery1_2D

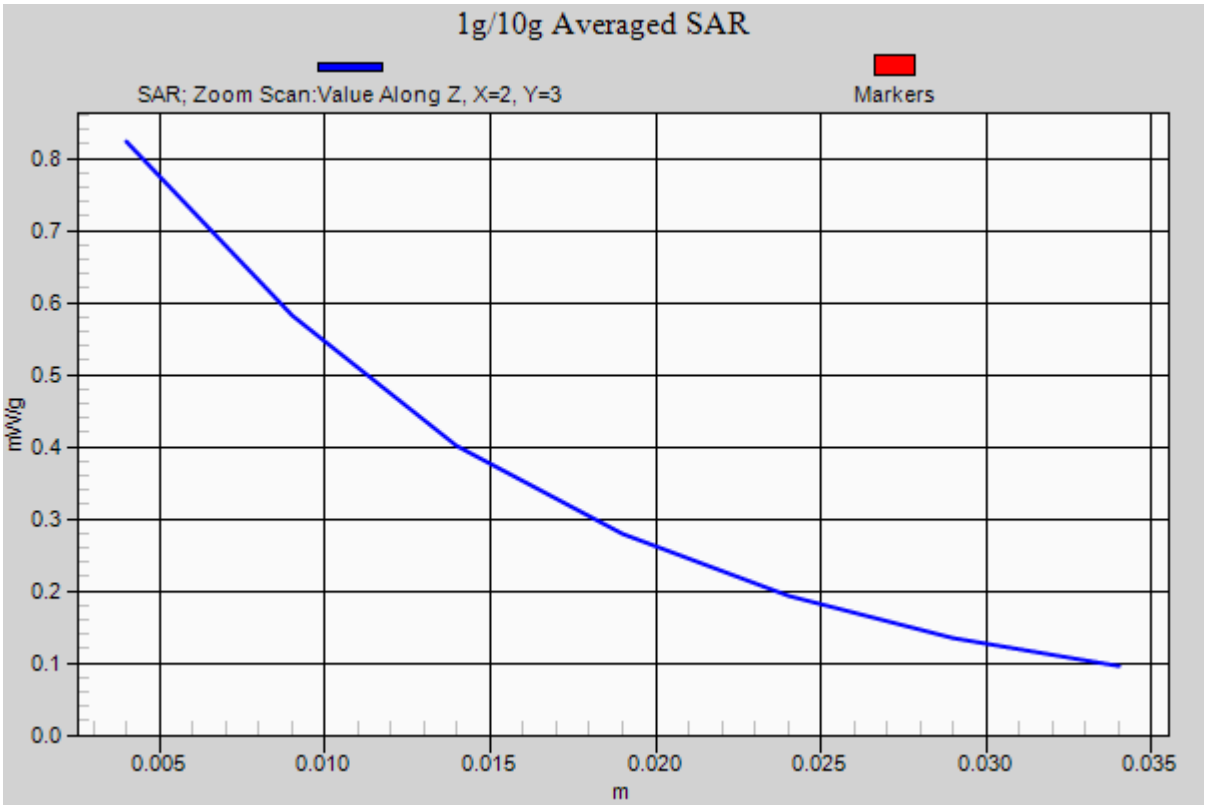
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 °C; Liquid Temperature：21.6 °C

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.798 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.73 V/m; Power Drift = 0.160 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.504 mW/g
Maximum value of SAR (measured) = 0.823 mW/g



#54 WCDMA VI_12.2K_Right Cheek_Ch1413_Sample2_Battery2

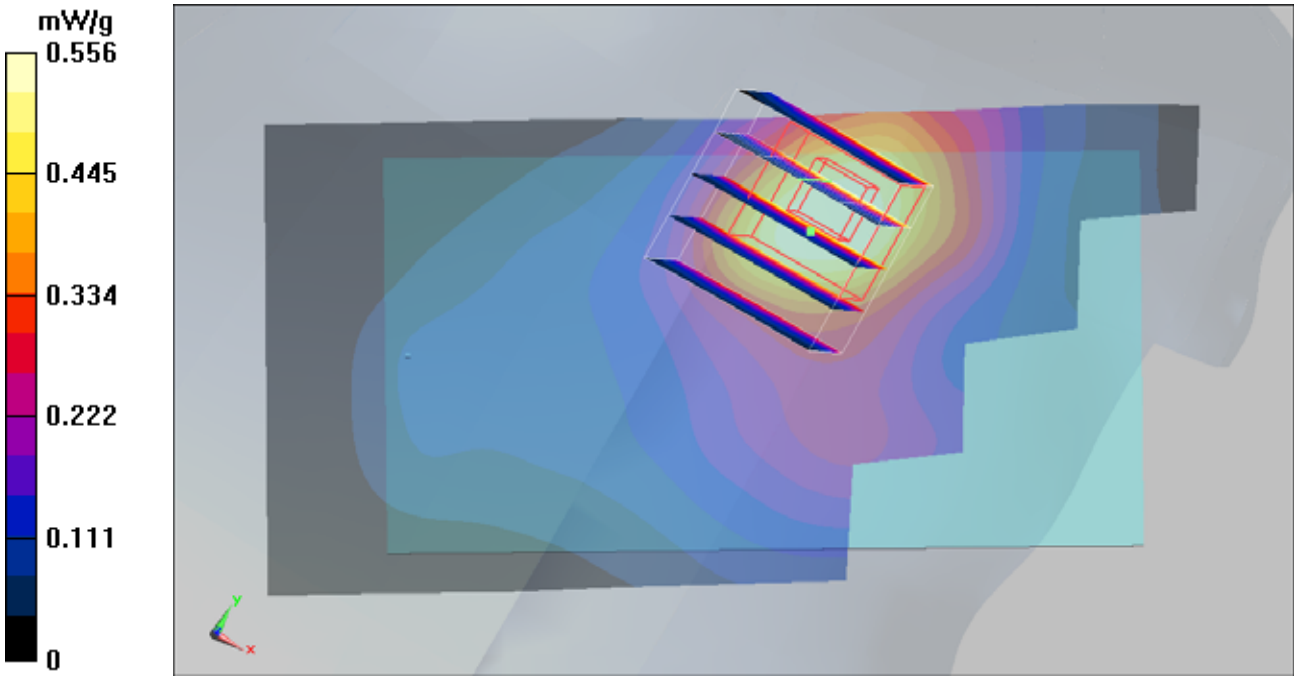
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.556 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.28 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.740 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.564 mW/g


mW/g
0.556
0.445
0.334
0.222
0.111
0

#55 WCDMA VI_12.2K_Right Cheek_Ch1413_Sample1_Battery3

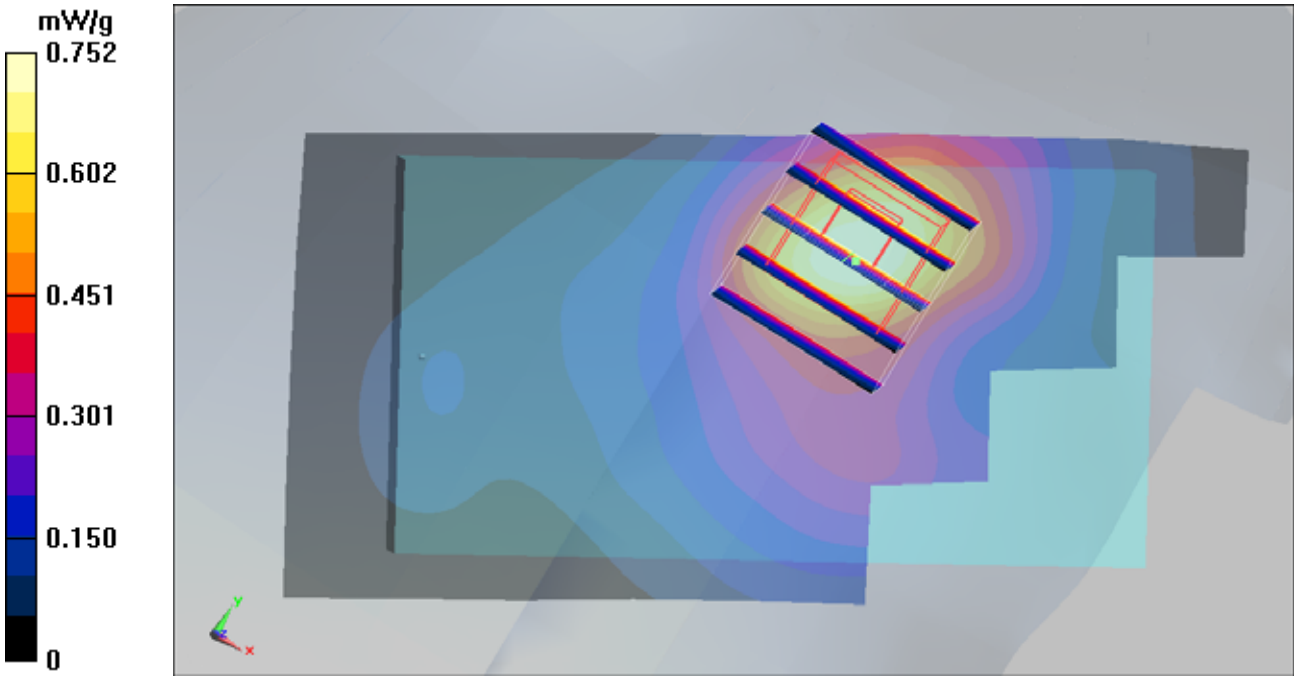
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.752 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.01 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.724 mW/g


mW/g
0.752
0.602
0.451
0.301
0.150
0

#56 WCDMA VI_12.2K_Right Tilted_Ch1413_Sample1_Battery1

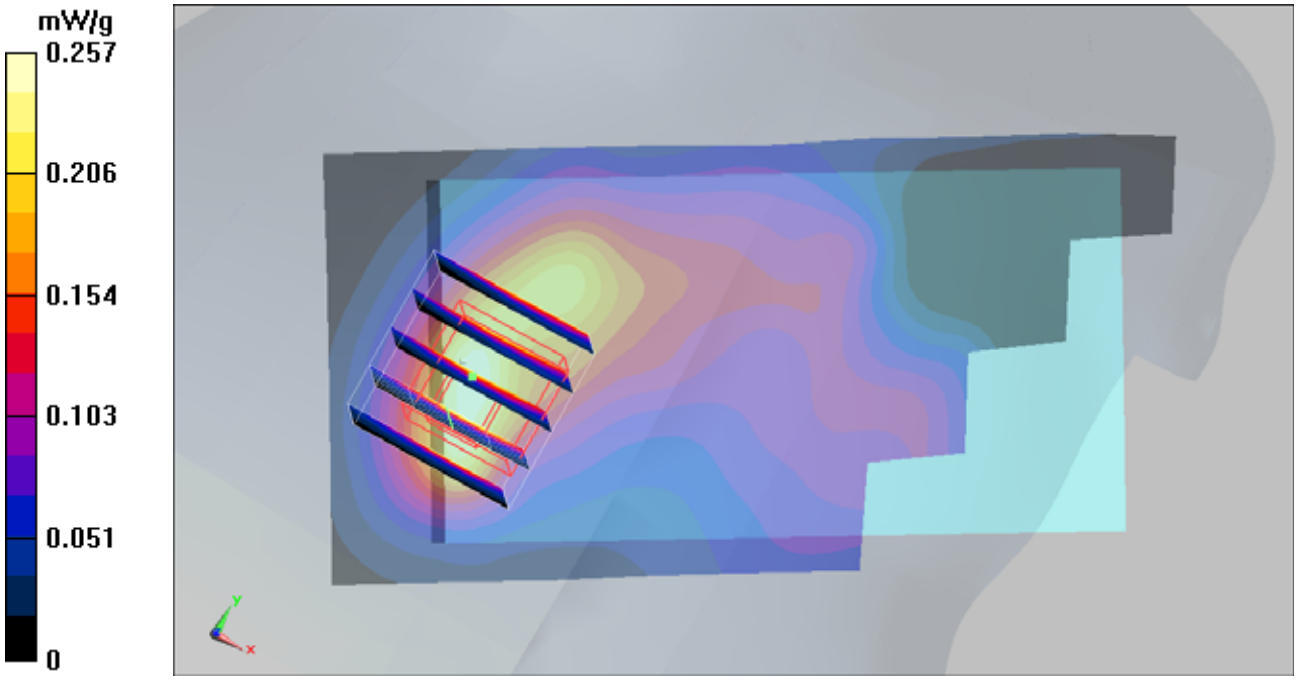
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.262 mW/g


mW/g
0.257
0.206
0.154
0.103
0.051
0

#57 WCDMA VI_12.2K_Left Cheek_Ch1413_Sample1_Battery1

DUT: 121019

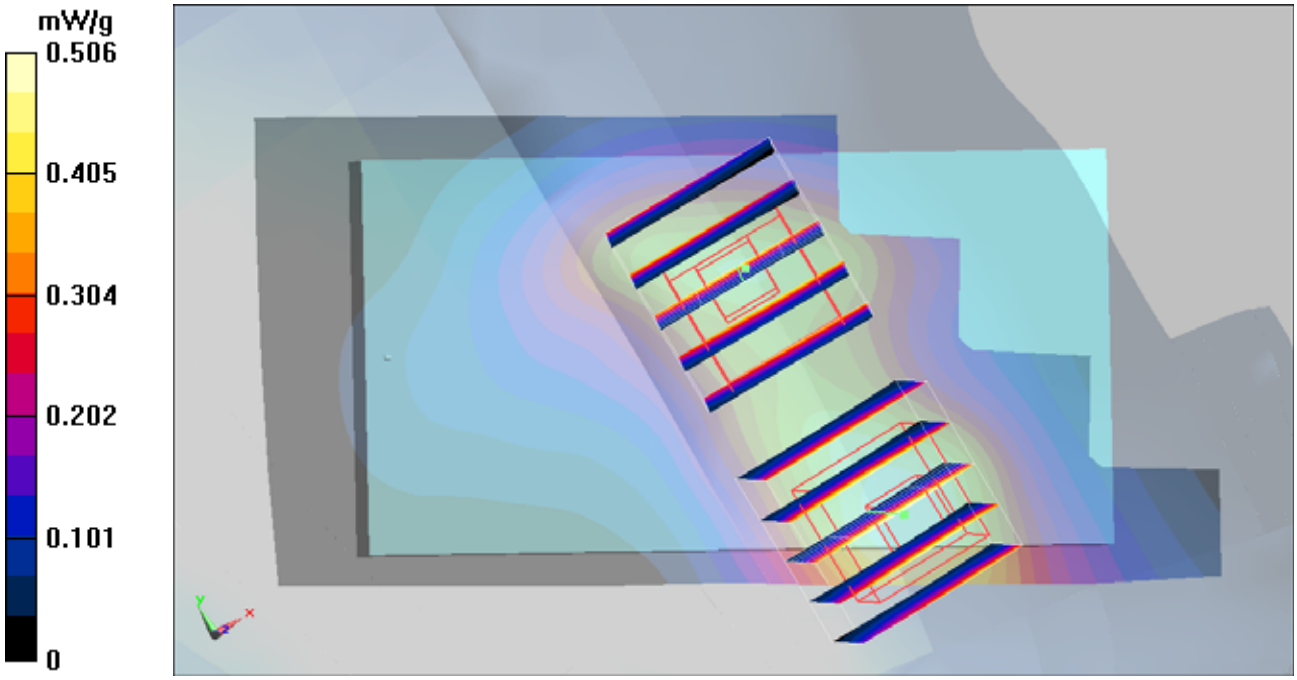
Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.506 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.88 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.335 mW/g
Maximum value of SAR (measured) = 0.590 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.88 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.446 mW/g


mW/g
0.506
0.405
0.304
0.202
0.101
0

#58 WCDMA VI_12.2K_Left Tilted_Ch1413_Sample1_Battery1

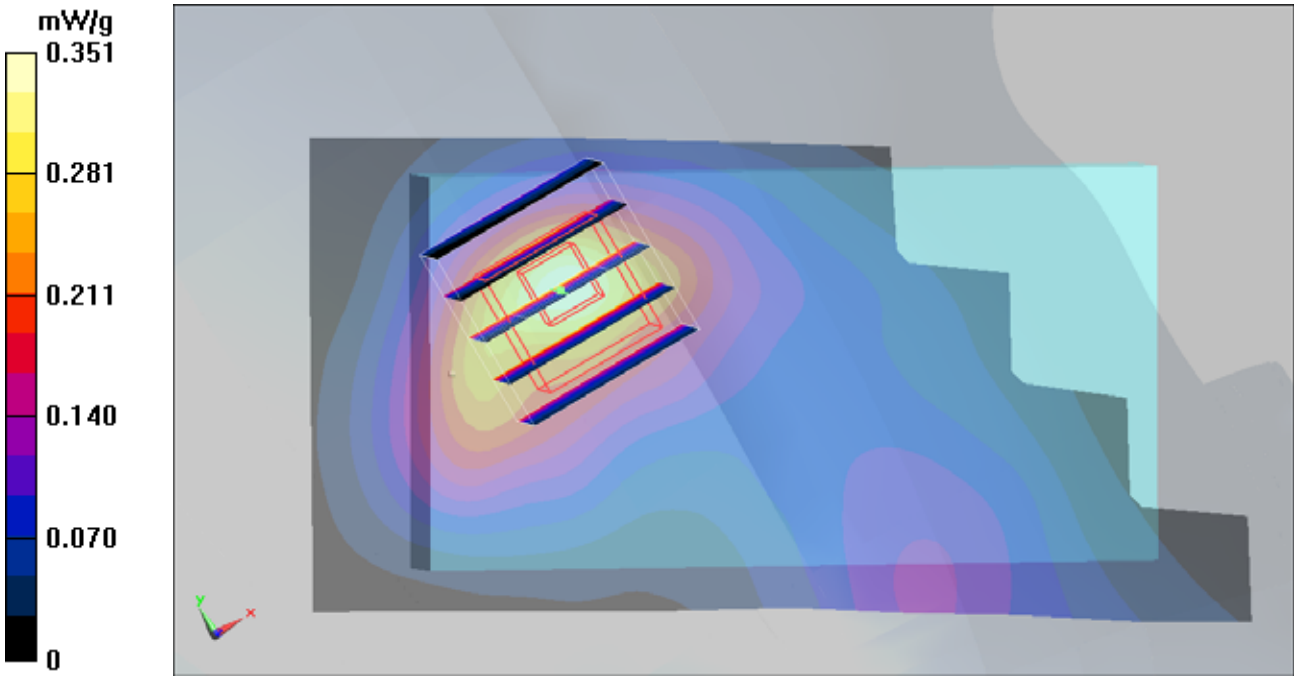
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110326 Medium parameters used: f = 1733 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.29, 5.29, 5.29); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.351 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.307 mW/g


mW/g
0.351
0.281
0.211
0.140
0.070
0

#18 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery1

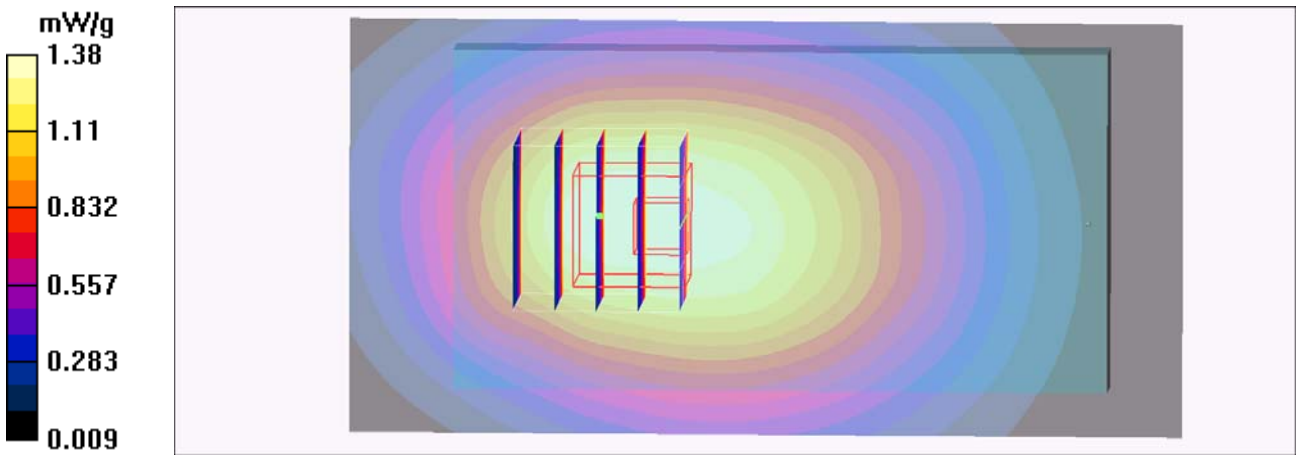
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.3 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.885 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



#49 GSM850_GPRS10_Bottom_1cm_Ch251_Sample2_Battery2

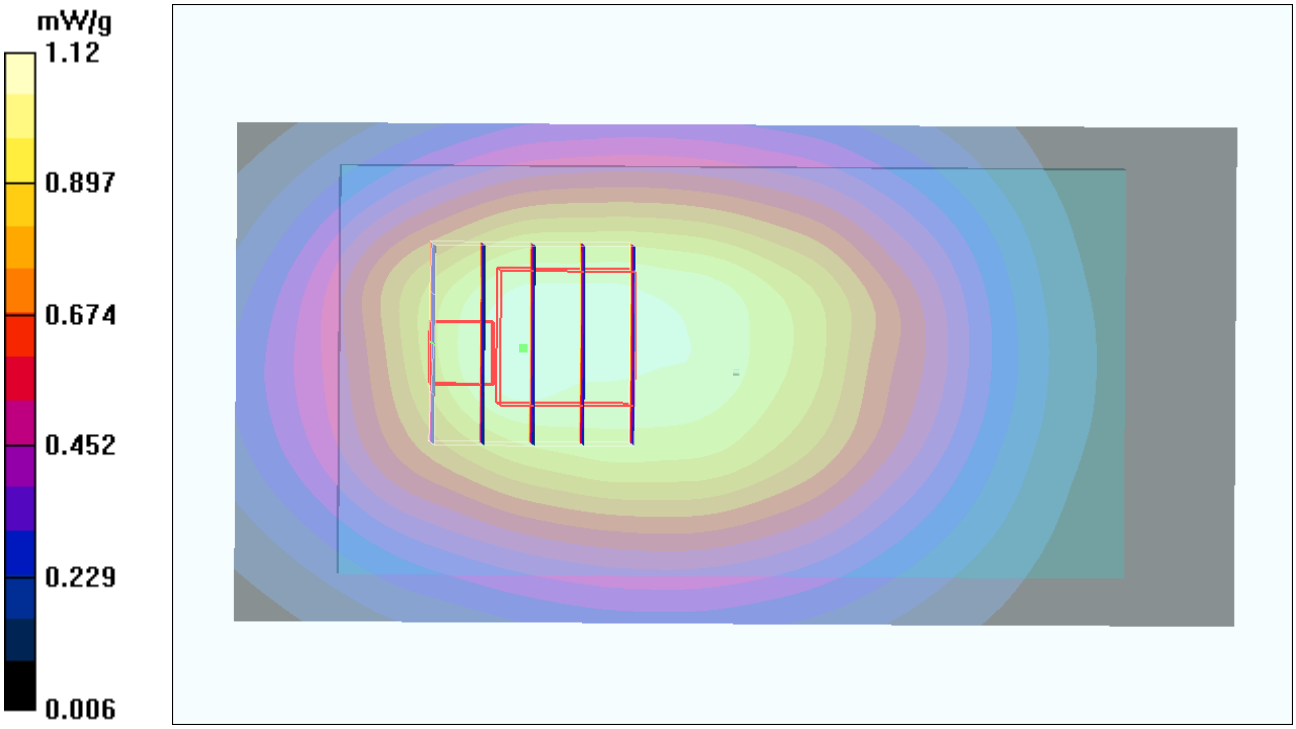
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110325 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.744 mW/g
Maximum value of SAR (measured) = 1.18 mW/g


mW/g
1.12
0.897
0.674
0.452
0.229
0.006

#20 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery3

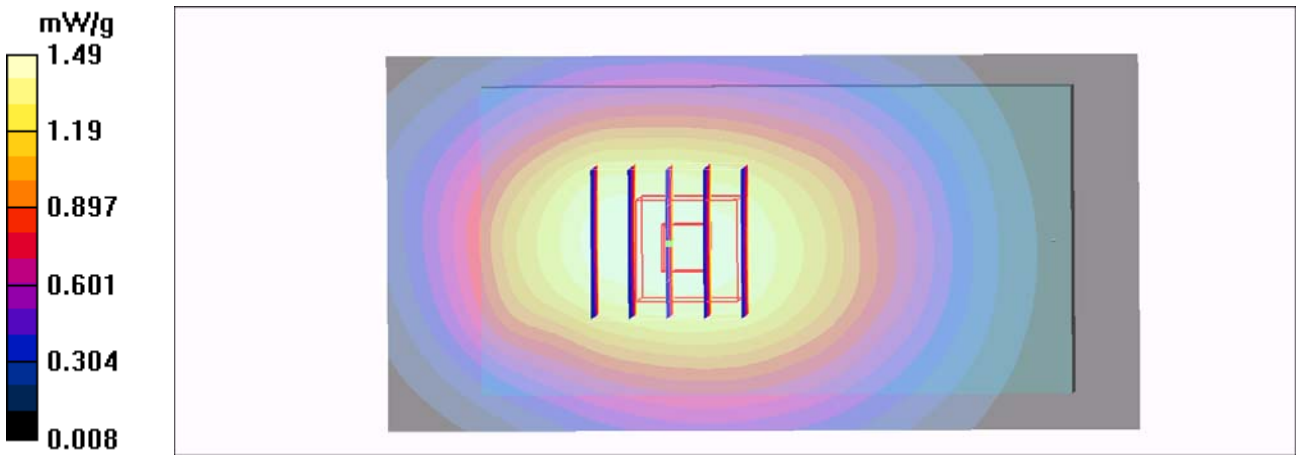
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.49 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.9 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 1.01 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



#20 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery3_2D

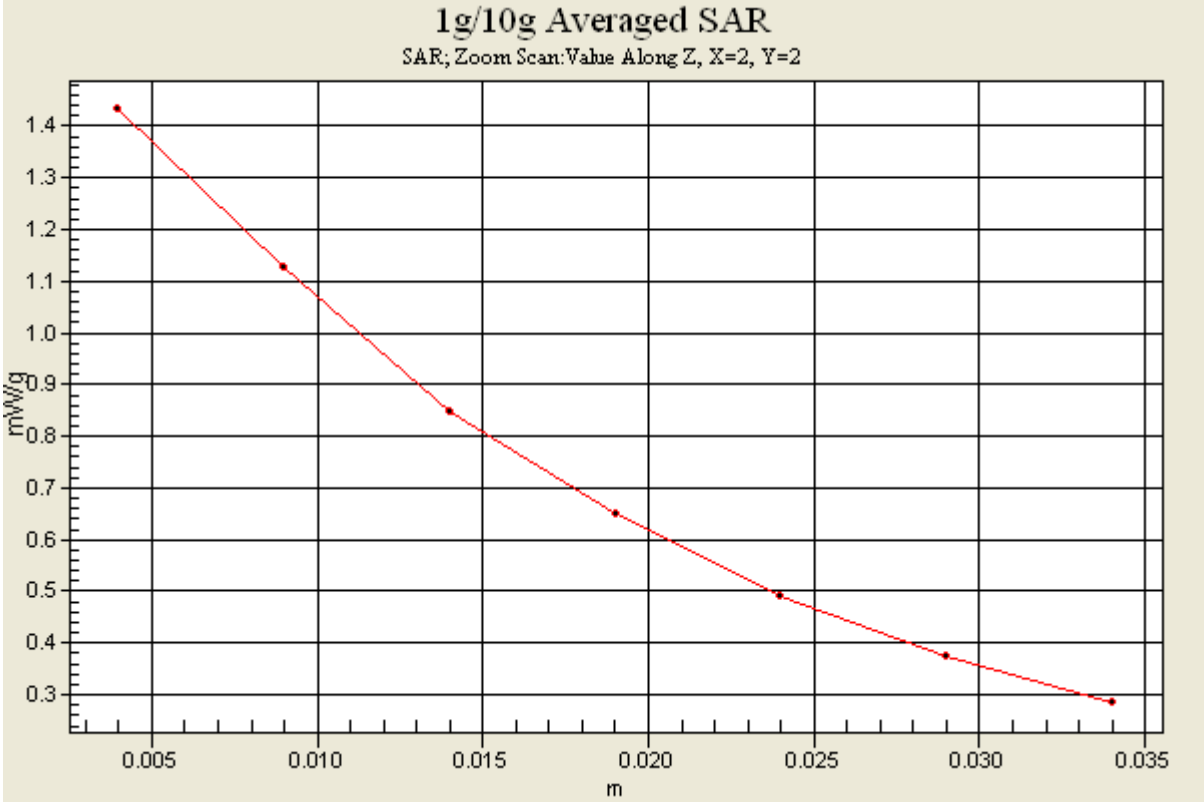
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.49 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.9 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 1.01 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



#21 GSM850_GPRS10_Face_1cm_Ch251_Sample1_Battery3

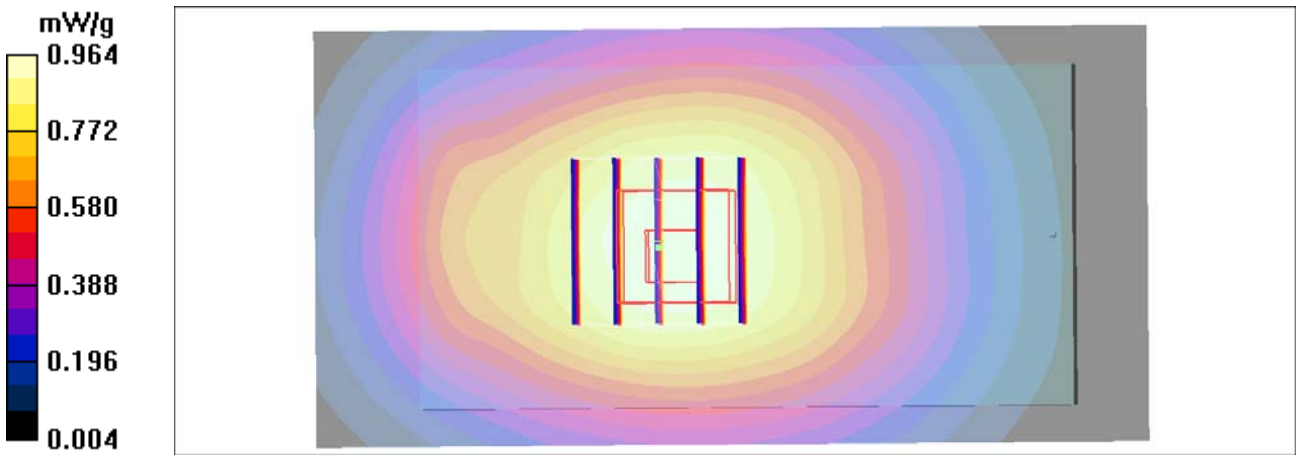
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.964 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.8 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.667 mW/g
Maximum value of SAR (measured) = 0.914 mW/g



#22 GSM850_GPRS10_Left Side_1cm_Ch251_Sample1_Battery3

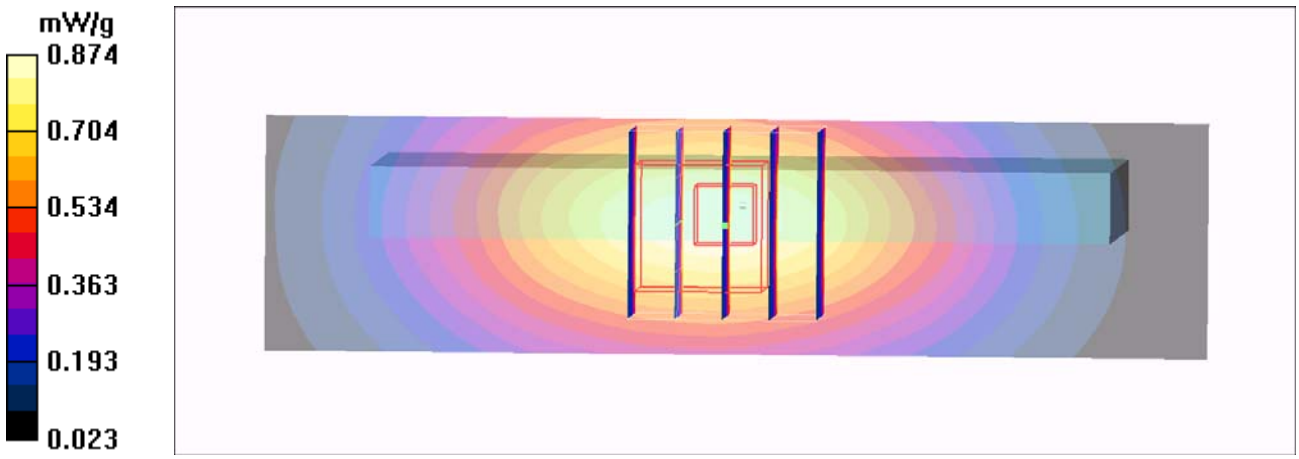
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (21x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.874 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.559 mW/g
Maximum value of SAR (measured) = 0.868 mW/g



#23 GSM850_GPRS10_Right Side_1cm_Ch251_Sample1_Battery3

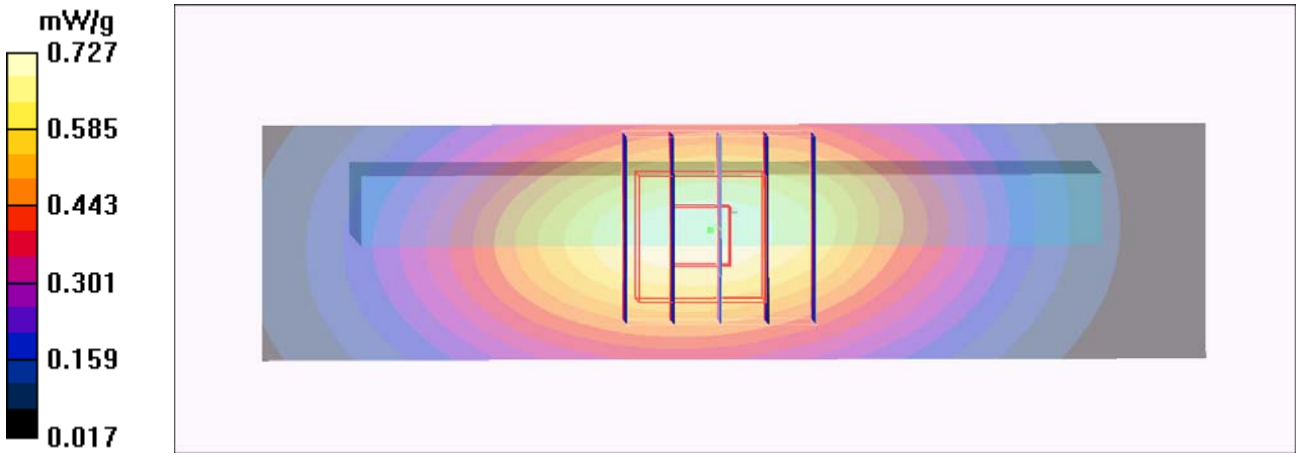
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (21x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.727 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.2 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.698 mW/g



#25 GSM850_GPRS10_Down Side_1cm_Ch251_Sample1_Battery3

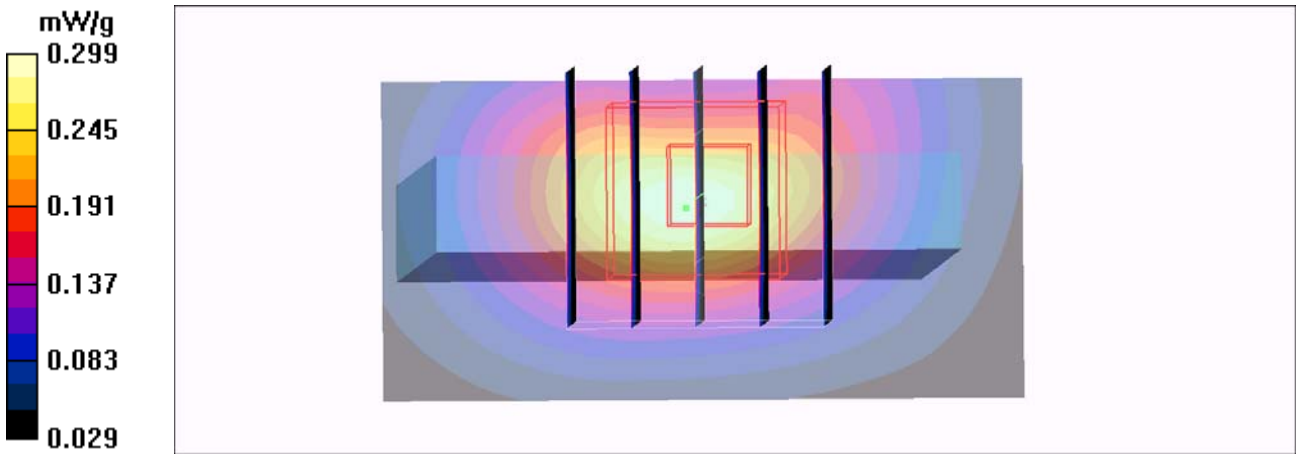
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.299 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.0 V/m; Power Drift = -0.187 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.339 mW/g



#26 GSM850_GPRS10_Bottom_1cm_Ch189_Sample1_Battery3

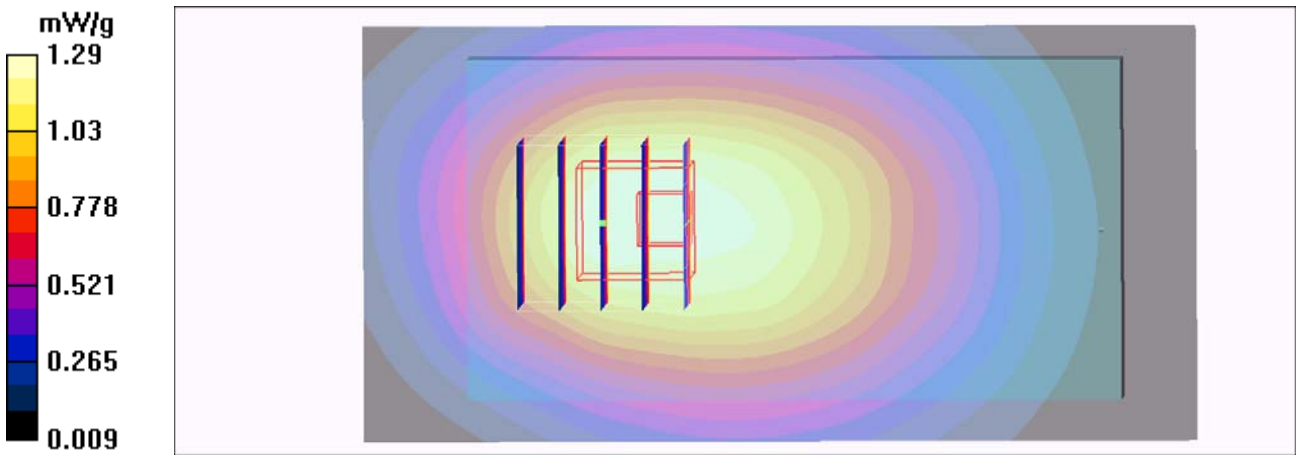
DUT: 121019

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.3 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.818 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/11

#27 GSM850_GPRS10_Bottom_1cm_Ch128_Sample1_Battery3

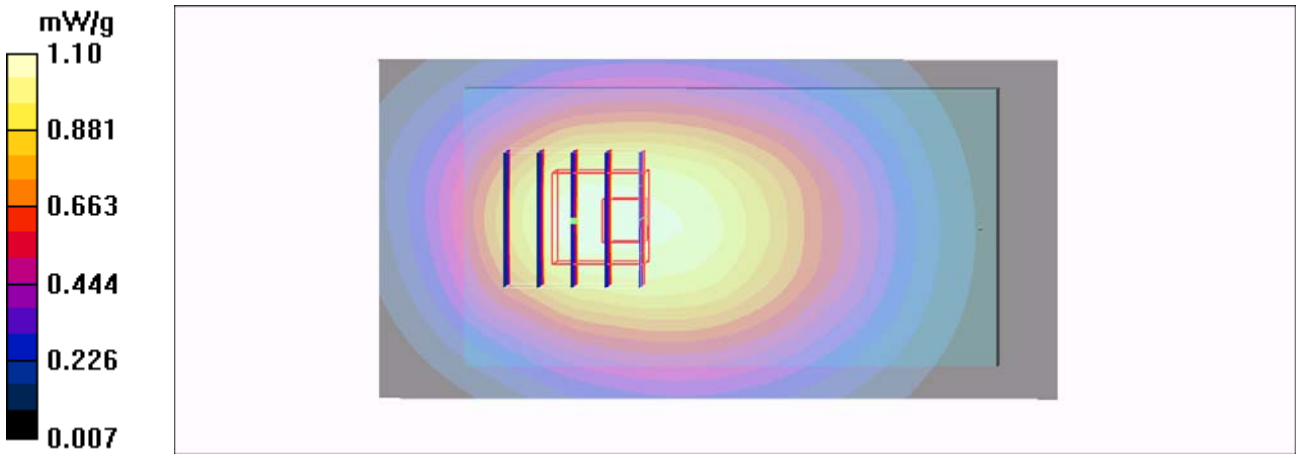
DUT: 121019

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 824.2 MHz; σ = 0.953 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.717 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



#69 GSM850_GPRS10_Bottom_1cm_Ch189_Sample1_Battery1

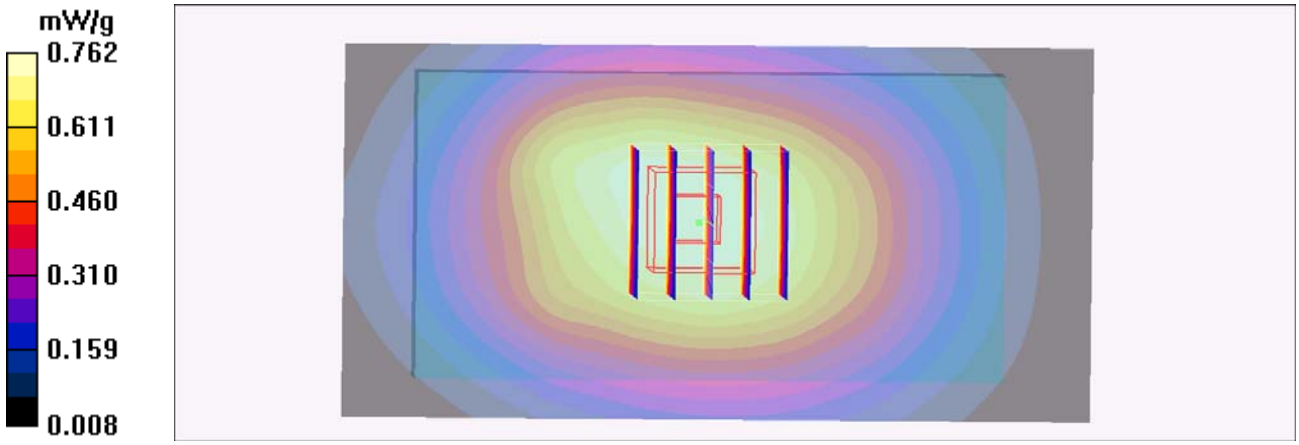
DUT: 121019

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used: f = 836.4 MHz; σ = 0.956 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.762 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.3 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.867 W/kg
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.555 mW/g
Maximum value of SAR (measured) = 0.756 mW/g



#70 GSM850_GPRS10_Bottom_1cm_Ch128_Sample1_Battery1

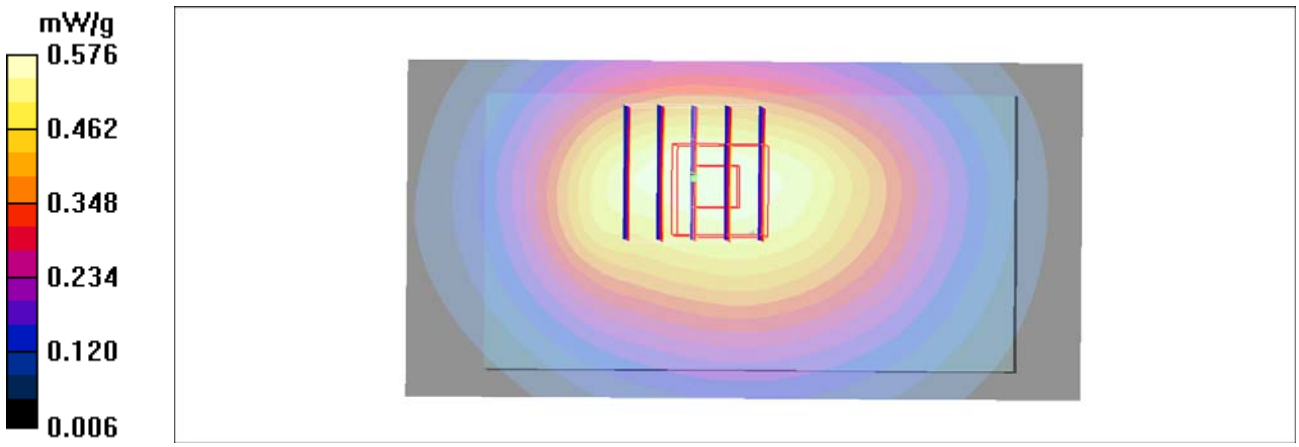
DUT: 121019

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used: f = 824.2 MHz; σ = 0.943 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.576 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.408 mW/g
Maximum value of SAR (measured) = 0.557 mW/g



#71 GSM850_GPRS10_Bottom_1cm_Ch189_Sample2_Battery2

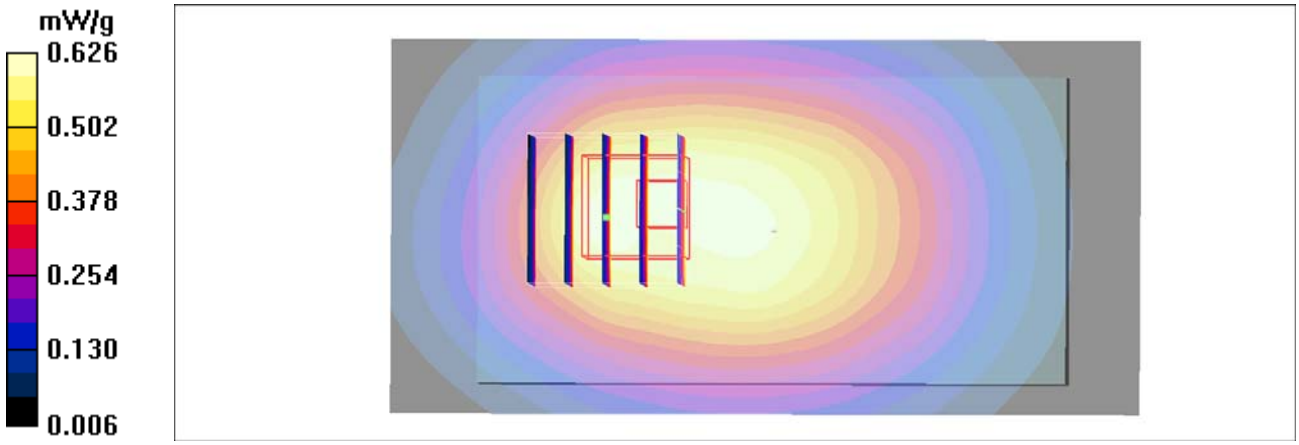
DUT: 121019

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used: f = 836.4 MHz; σ = 0.956 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.626 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 0.802 W/kg
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.589 mW/g



#72 GSM850_GPRS10_Bottom_1cm_Ch128_Sample2_Battery2

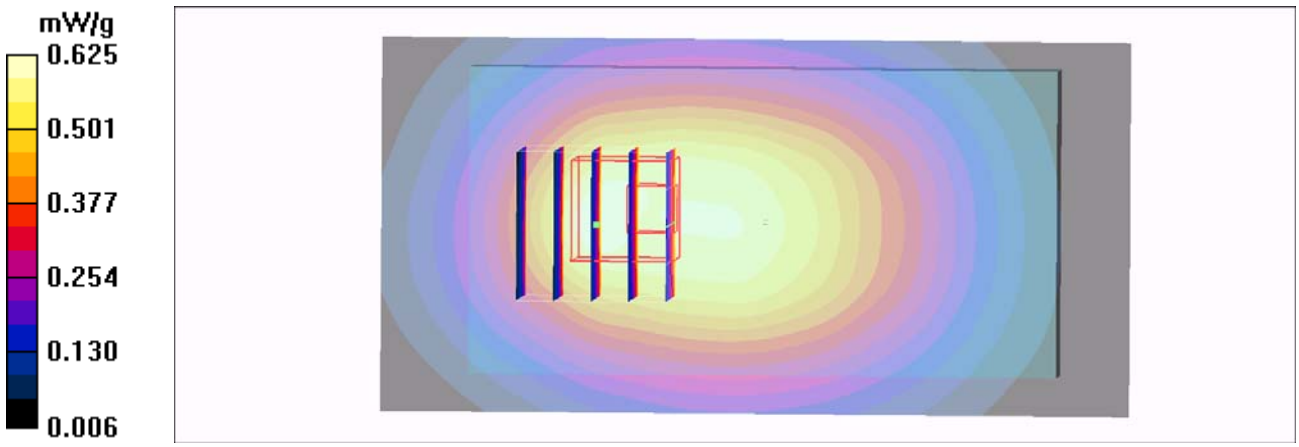
DUT: 121019

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used: f = 824.2 MHz; σ = 0.943 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.586 mW/g



#28 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery3_Earphone1

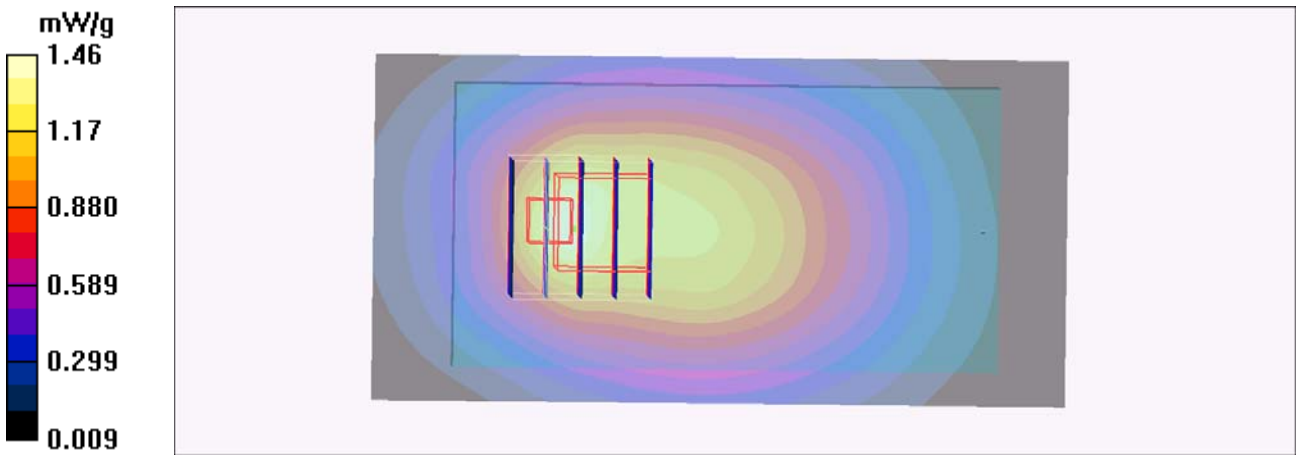
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.46 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.0 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.820 mW/g
Maximum value of SAR (measured) = 1.34 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/28

#60 GSM850_GPRS10_Bottom_1cm_Ch251_Sample2_Battery3_Earphone2

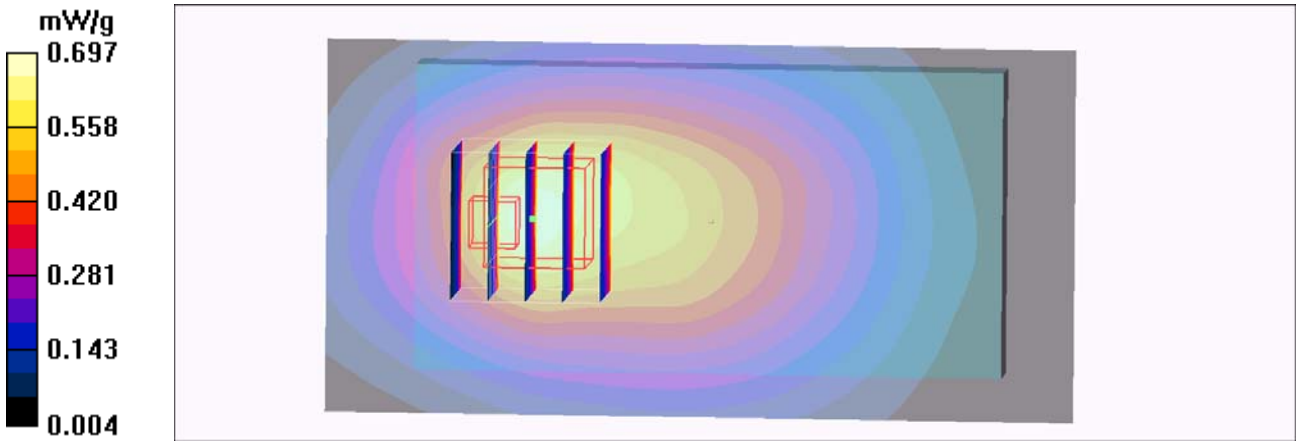
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used: f = 849 MHz; σ = 0.969 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.697 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.691 mW/g



#29 GSM850_GPRS10_Bottom_1cm_Ch251_Sample1_Battery3_Earphone3

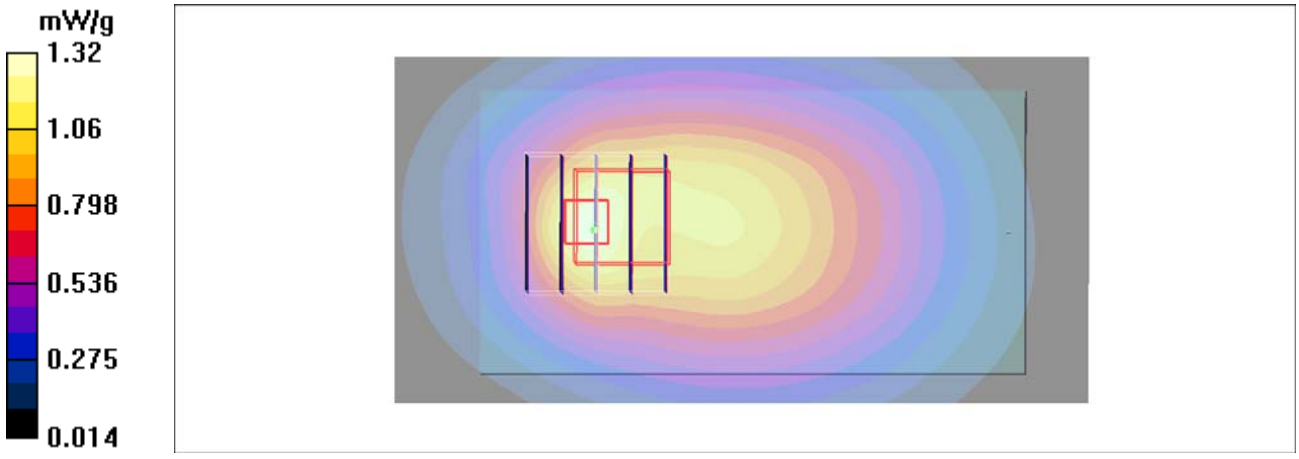
DUT: 121019

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_850_110311 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.3 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.752 mW/g
Maximum value of SAR (measured) = 1.22 mW/g



#73
GSM850_GPRS10_Bottom_1cm_Ch189_Sample1_Battery3_Earphon

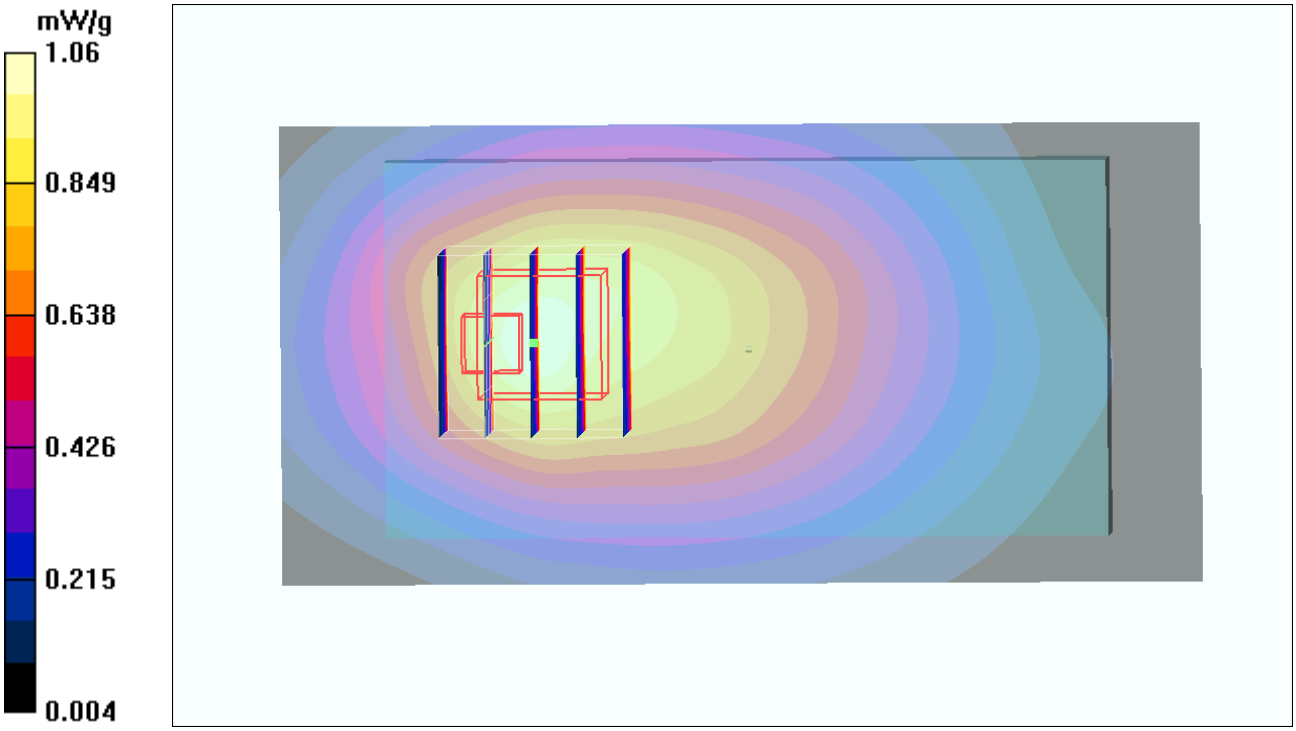
DUT: 121019

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used : f = 836.4 MHz; σ = 0.956 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.633 mW/g
Maximum value of SAR (measured) = 1.05 mW/g


mW/g
1.06
0.849
0.638
0.426
0.215
0.004

#74
GSM850_GPRS10_Bottom_1cm_Ch128_Sample1_Battery3_Earphon

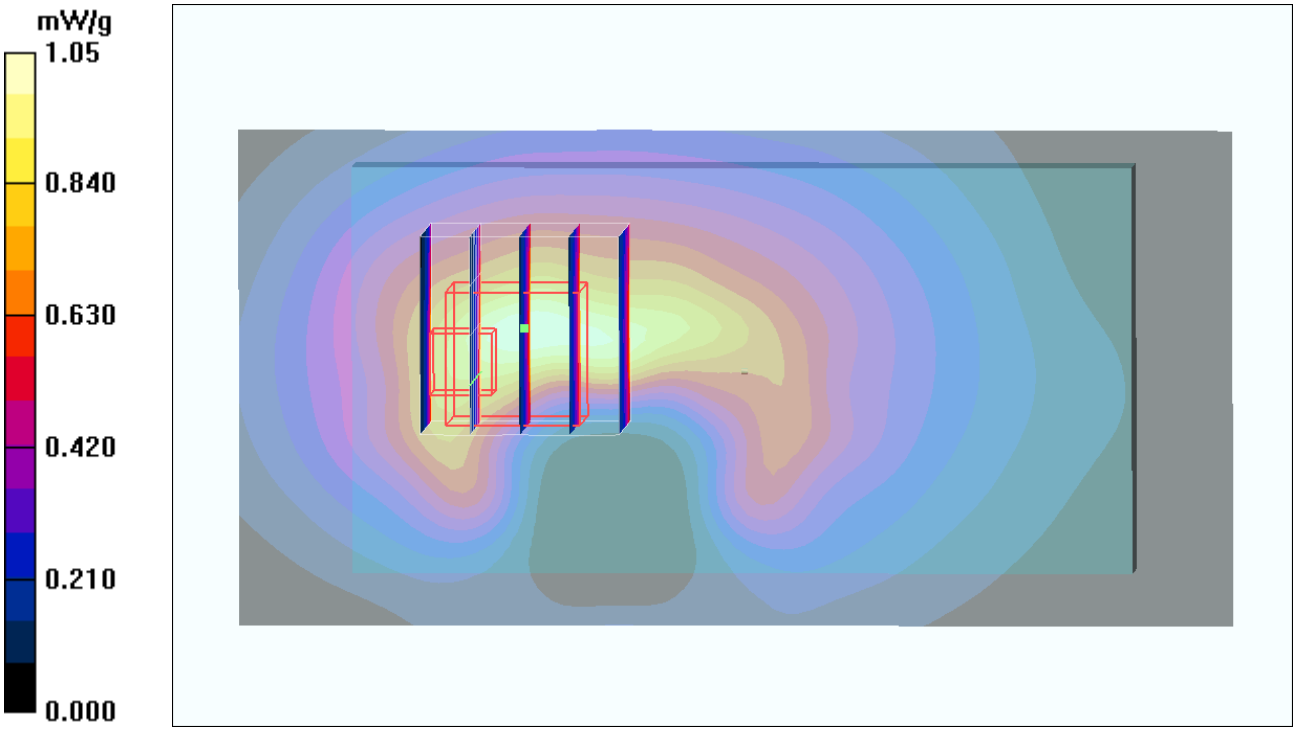
DUT: 121019

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850_110328 Medium parameters used : f = 824.2 MHz; σ = 0.943 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； 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: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.4 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.859 mW/g


mW/g
1.05
0.840
0.630
0.420
0.210
0.000

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/4/2

#94 GSM1900_GPRS10_Bottom_1cm_Ch661_Sample1_Battery1

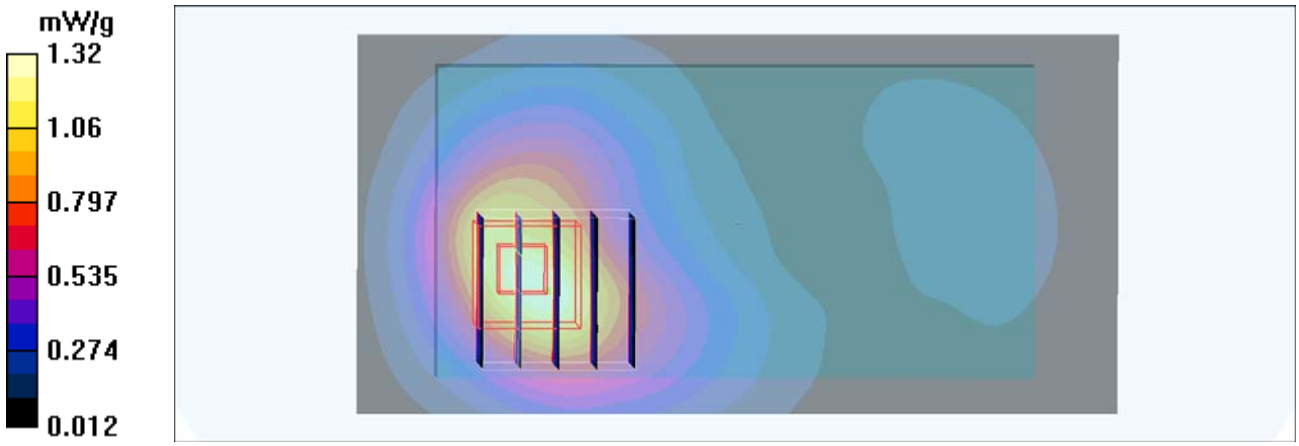
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110402 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.5 ℃

DASY4 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-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.38 mW/g



#47 GSM1900_GPRS10_Bottom_1cm_Ch661_Sample2_Battery2

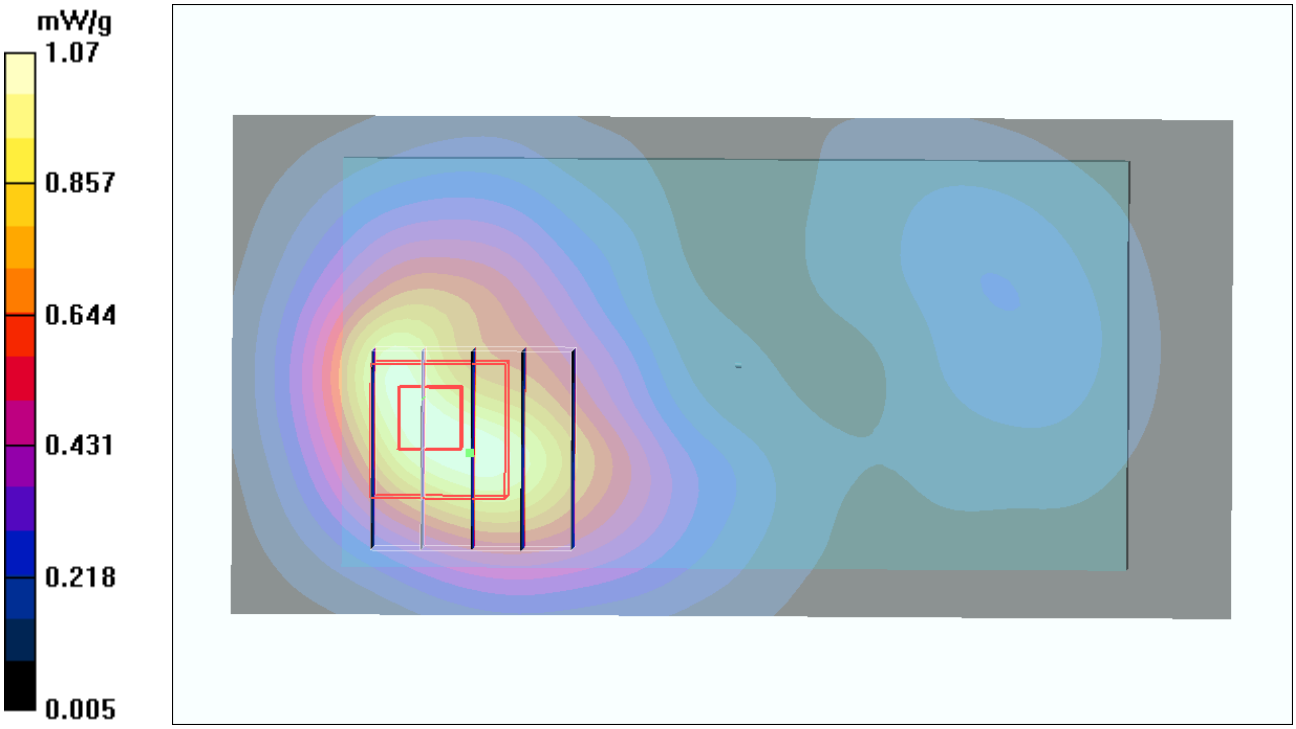
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110325 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.586 mW/g
Maximum value of SAR (measured) = 1.09 mW/g


mW/g
1.07
0.857
0.644
0.431
0.218
0.005

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/4/2

#95 GSM1900_GPRS10_Bottom_1cm_Ch661_Sample1_Battery3

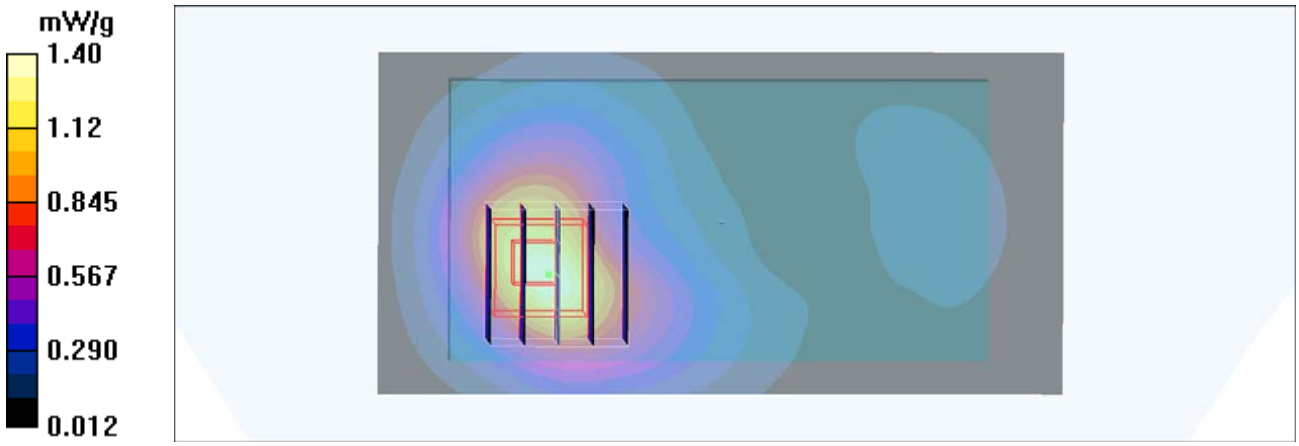
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110402 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.5 ℃

DASY4 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-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.40 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.739 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



#32 GSM1900_GPRS10_Face_1cm_Ch661_Sample1_Battery3

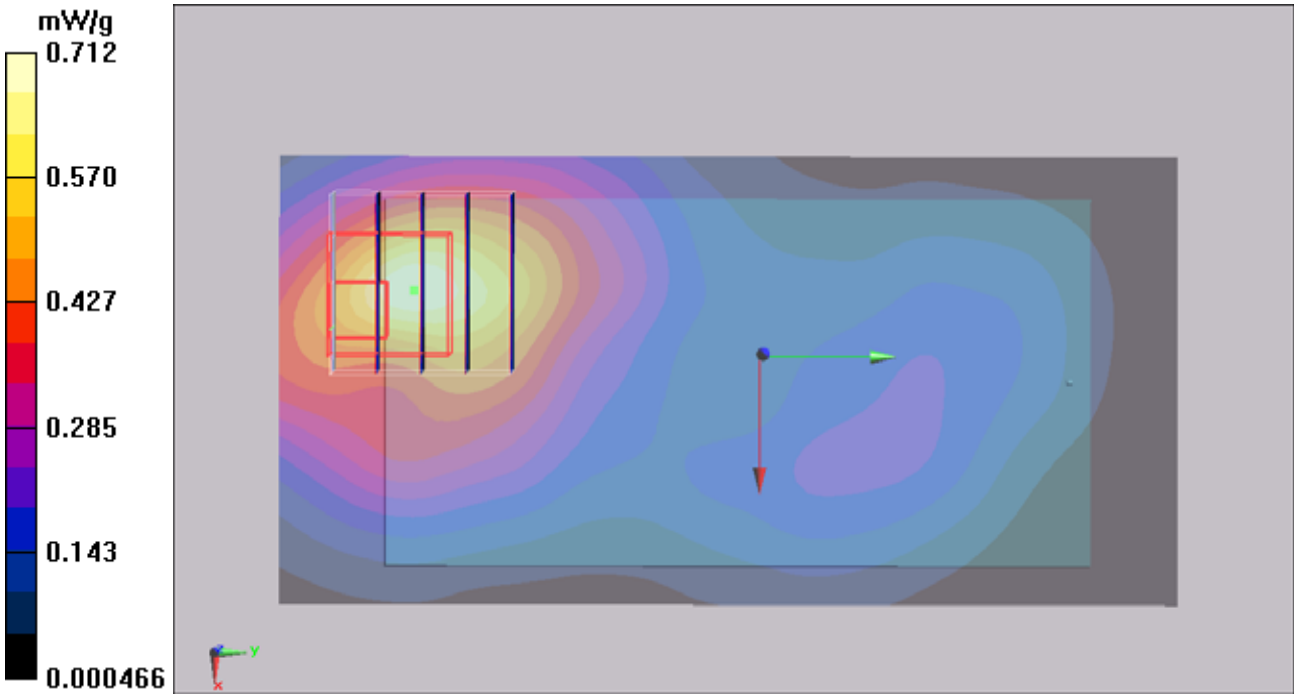
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110311 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.712 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.59 V/m; Power Drift = -0.195 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.713 mW/g


mW/g
0.712
0.570
0.427
0.285
0.143
0.000466

#33 GSM1900_GPRS10_Left Side_1cm_Ch661_Sample1_Battery3

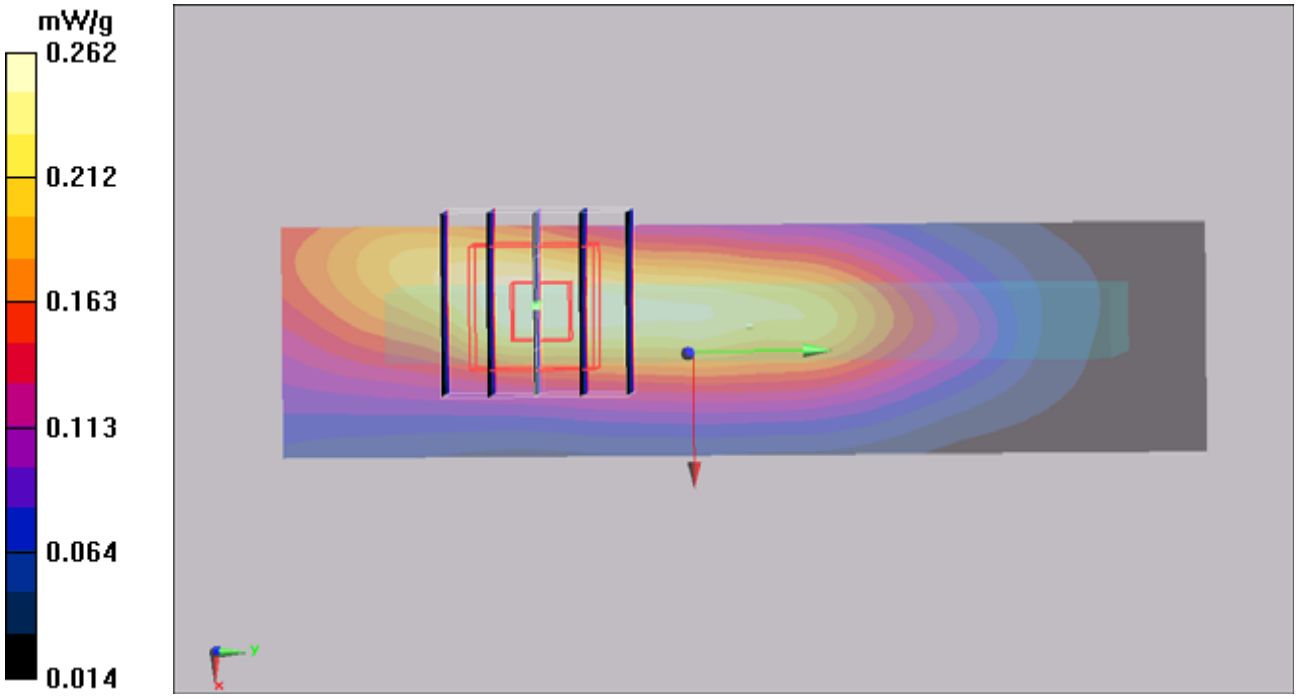
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110311 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (21x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.262 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.242 mW/g


mW/g
0.262
0.212
0.163
0.113
0.064
0.014

#34 GSM1900_GPRS10_Right Side_1cm_Ch661_Sample1_Battery3

DUT: 121019

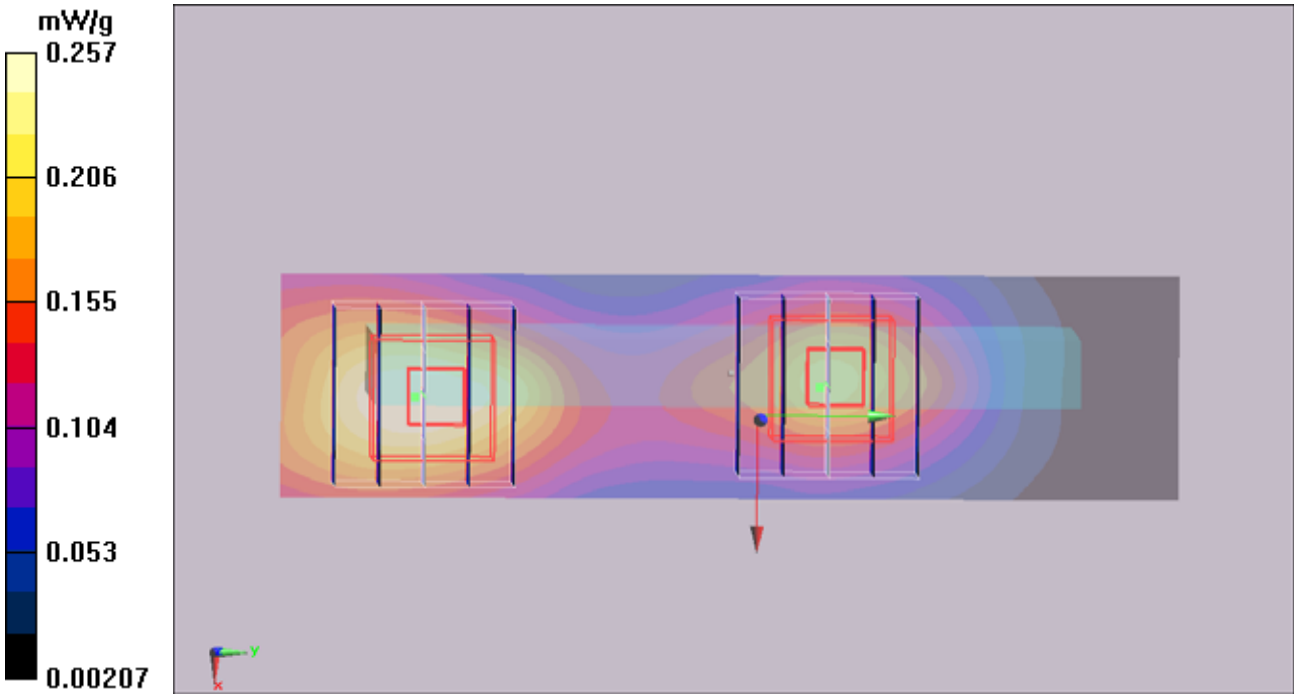
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110311 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (21x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.262 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.212 mW/g


mW/g
0.257
0.206
0.155
0.104
0.053
0.00207

#36 GSM1900_GPRS10_Down Side_1cm_Ch661_Sample1_Battery3

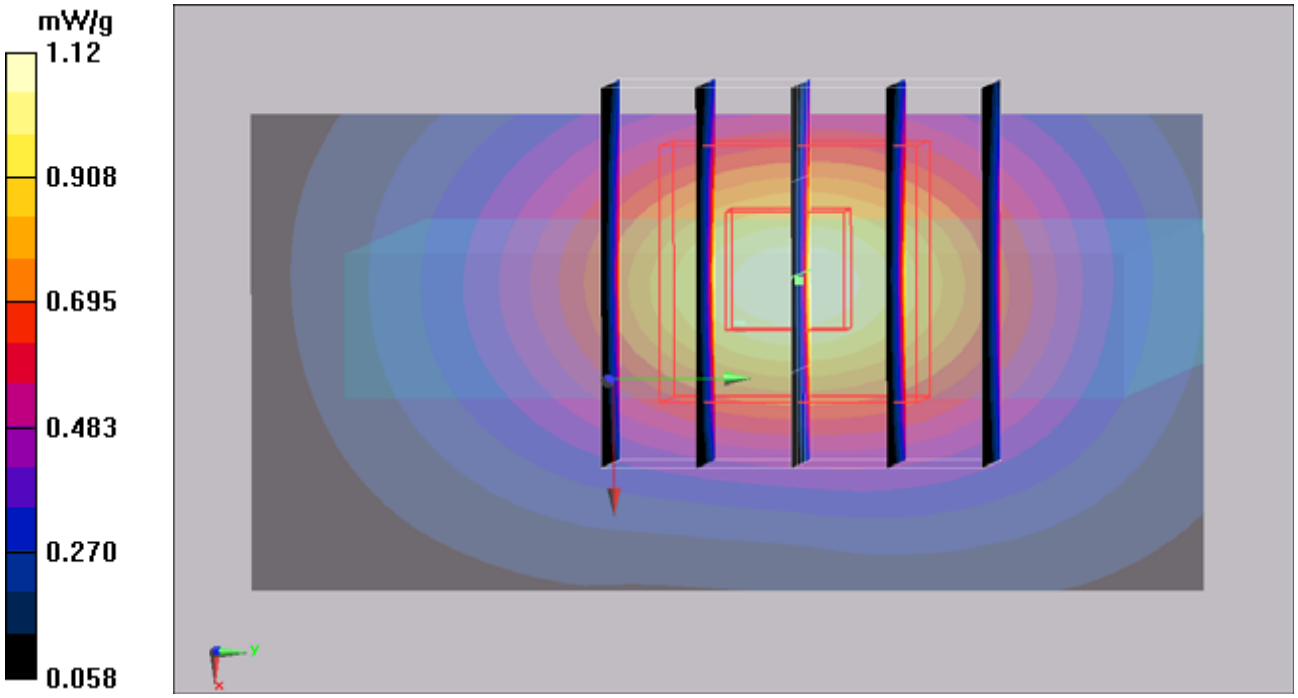
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110311 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.619 mW/g
Maximum value of SAR (measured) = 1.25 mW/g


mW/g
1.12
0.908
0.695
0.483
0.270
0.058

#39 GSM1900_GPRS10_Bottom_1cm_Ch512_Sample1_Battery3

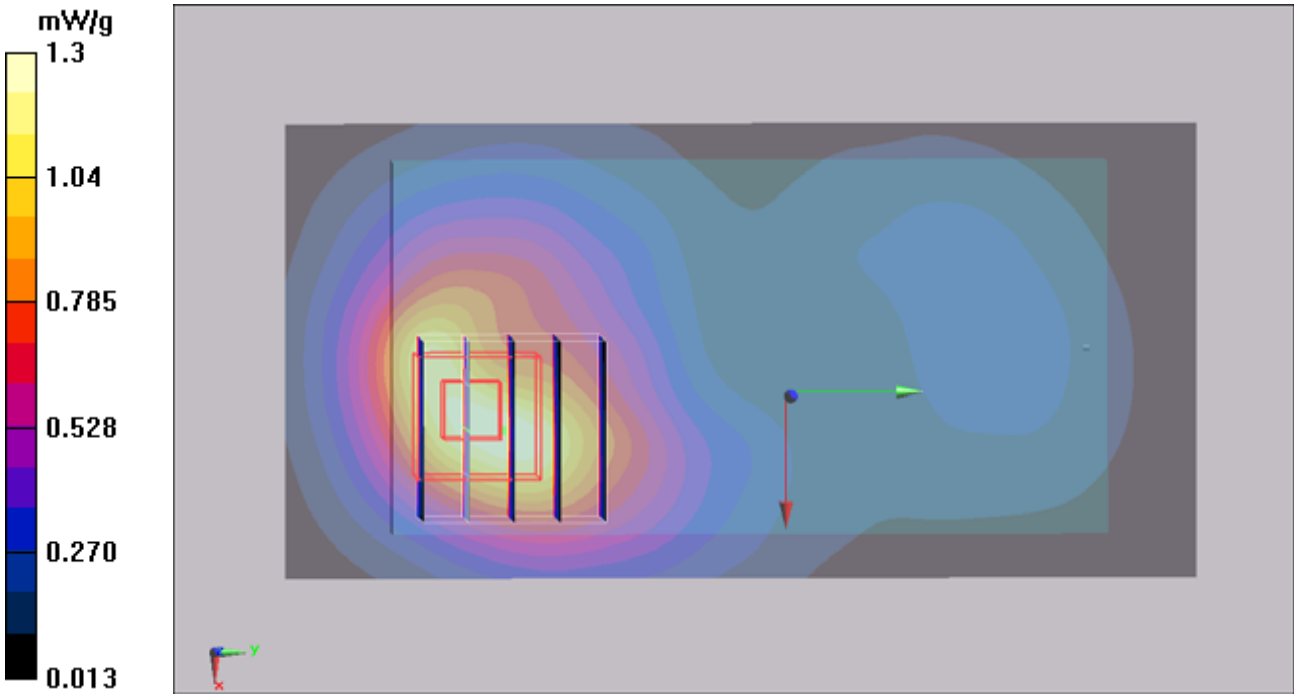
DUT: 121019

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110311 Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.5 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.3 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.764 mW/g
Maximum value of SAR (measured) = 1.35 mW/g


mW/g
1.3
1.04
0.785
0.528
0.270
0.013

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/4/2

#96 GSM1900_GPRS10_Bottom_1cm_Ch810_Sample1_Battery3

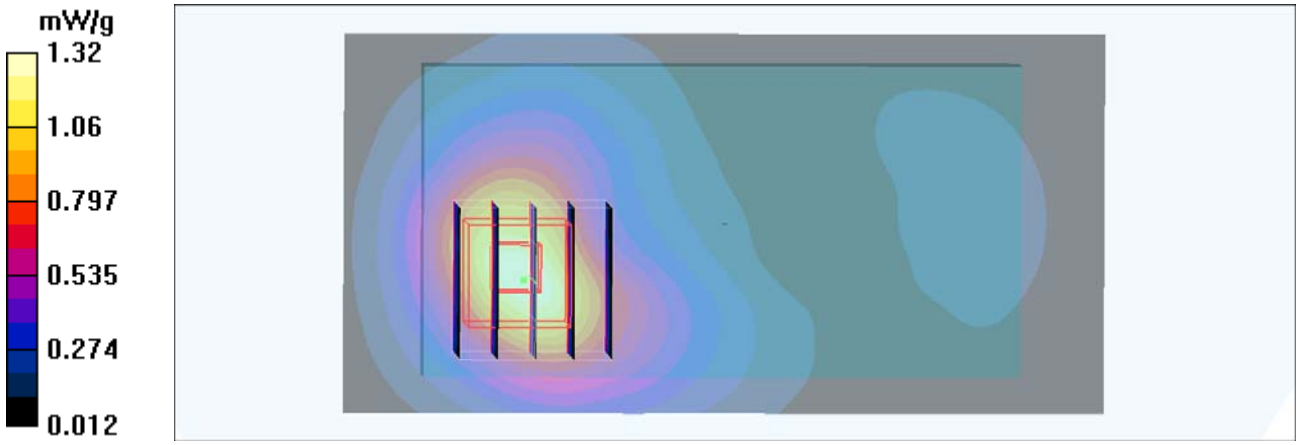
DUT: 121019

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110402 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.5 ℃

DASY4 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-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.715 mW/g
Maximum value of SAR (measured) = 1.37 mW/g



#67 GSM1900_GPRS10_Bottom_1cm_Ch512_Sample1_Battery1

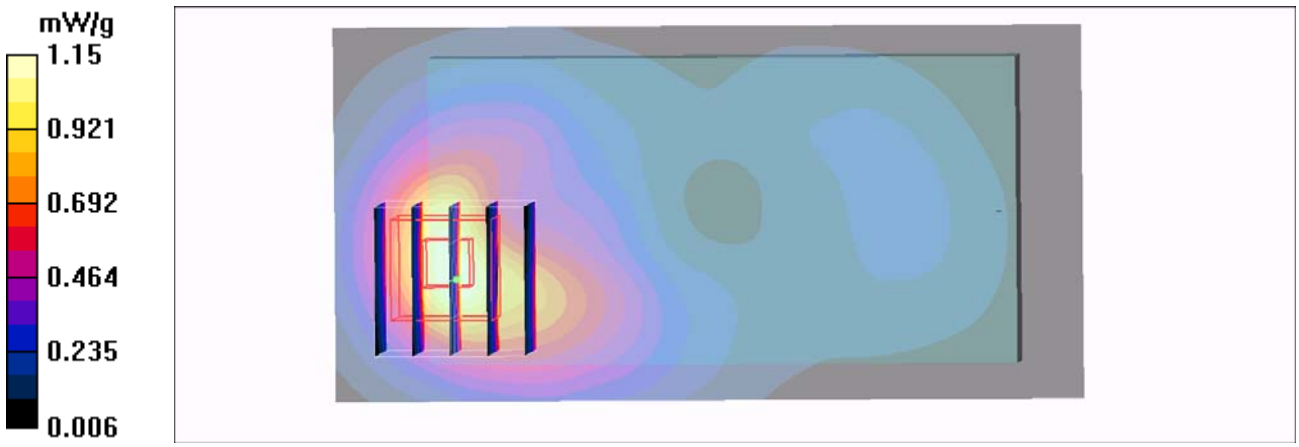
DUT: 121019

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110328 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.60 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/4/2

#97 GSM1900_GPRS10_Bottom_1cm_Ch810_Sample1_Battery1

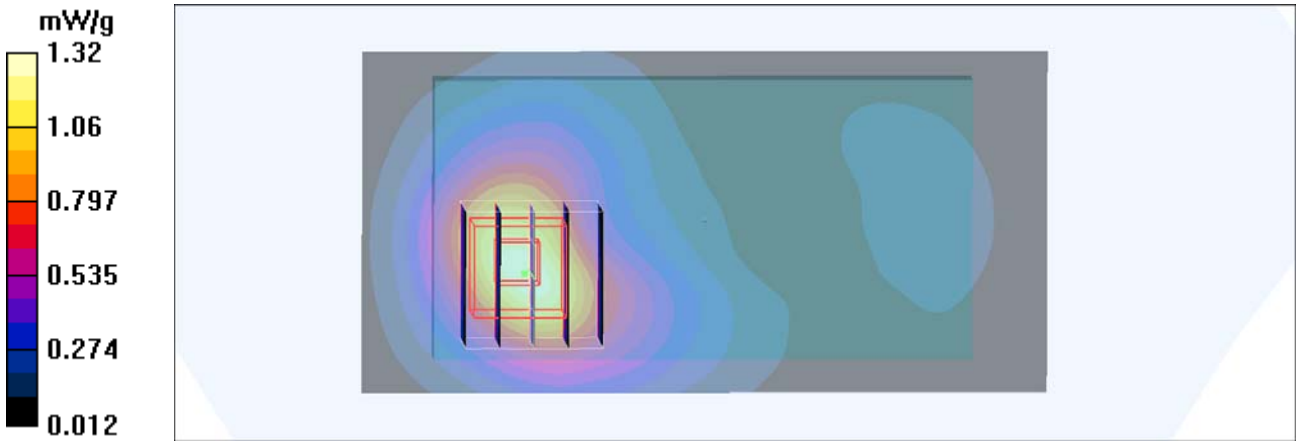
DUT: 121019

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110402 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.5 ℃

DASY4 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-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.710 mW/g
Maximum value of SAR (measured) = 1.37 mW/g



#92 GSM1900_GPRS10_Down Side_1cm_Ch512_Sample1_Battery3

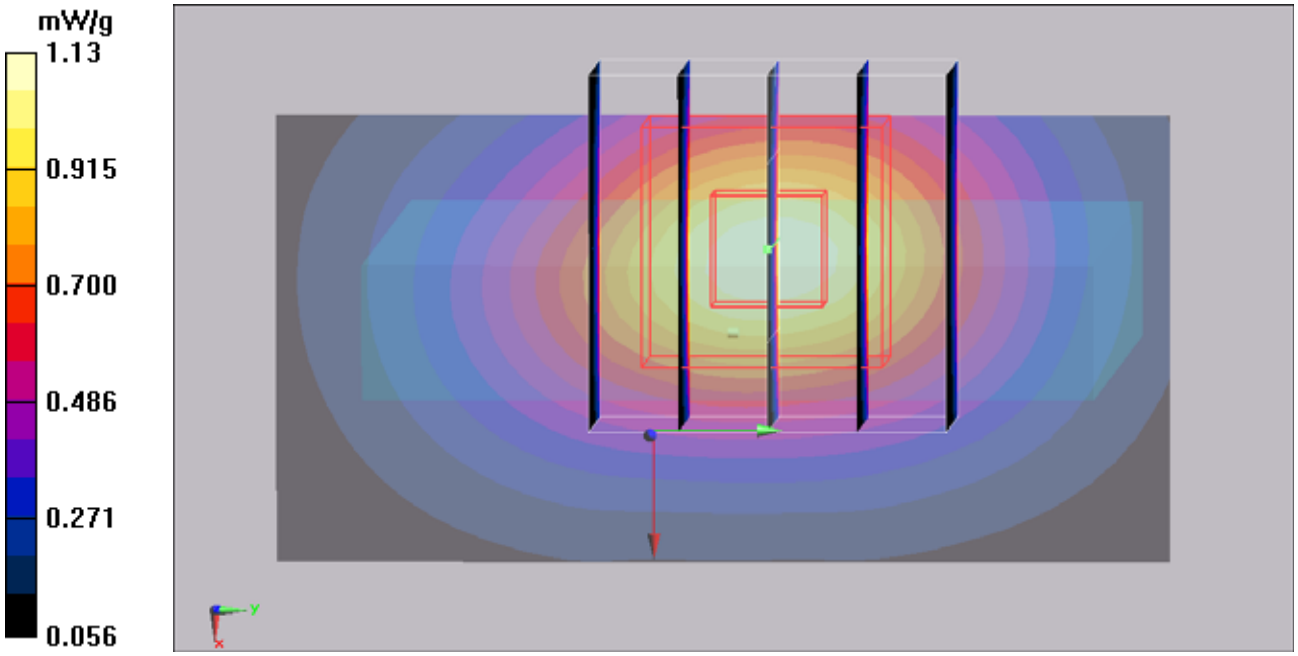
DUT: 121019

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110329 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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.638 mW/g
Maximum value of SAR (measured) = 1.32 mW/g


mW/g
1.13
0.915
0.700
0.486
0.271
0.056

#93 GSM1900_GPRS10_Down Side_1cm_Ch810_Sample1_Battery3

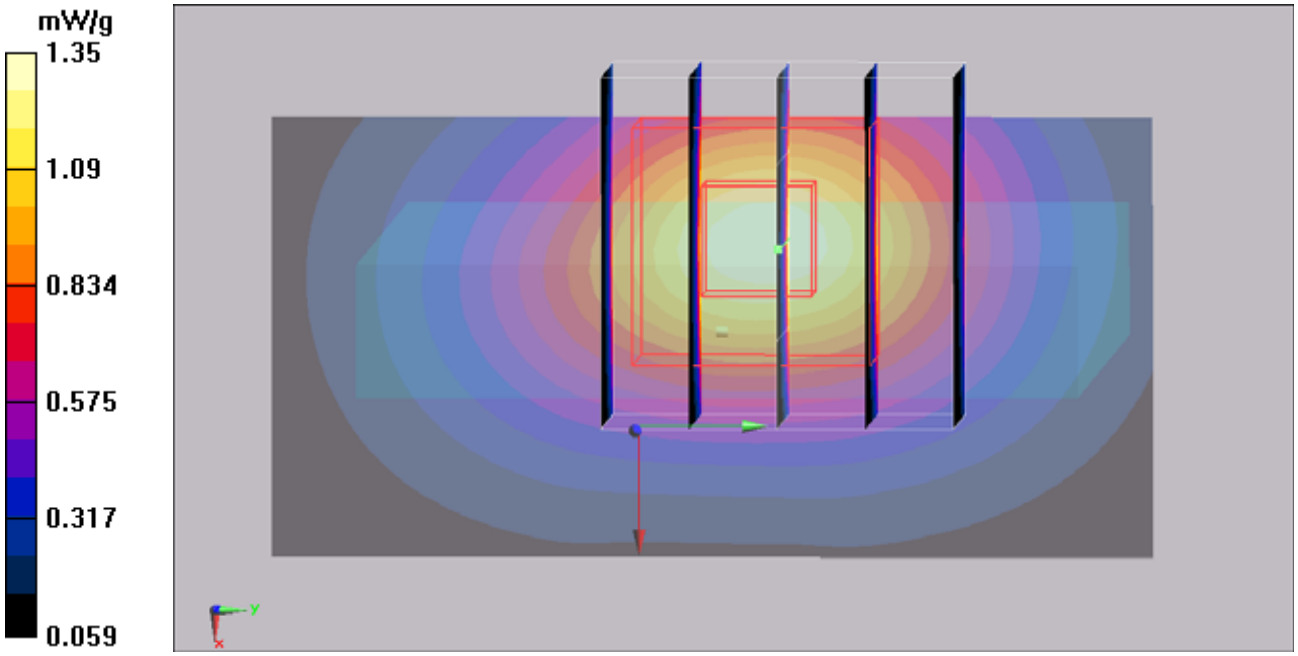
DUT: 121019

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110329 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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.35 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.2 V/m; Power Drift = 0.308 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.741 mW/g
Maximum value of SAR (measured) = 1.57 mW/g


mW/g
1.35
1.09
0.834
0.575
0.317
0.059

#93 GSM1900_GPRS10_Down Side_1cm_Ch810_Sample1_Battery3_2D

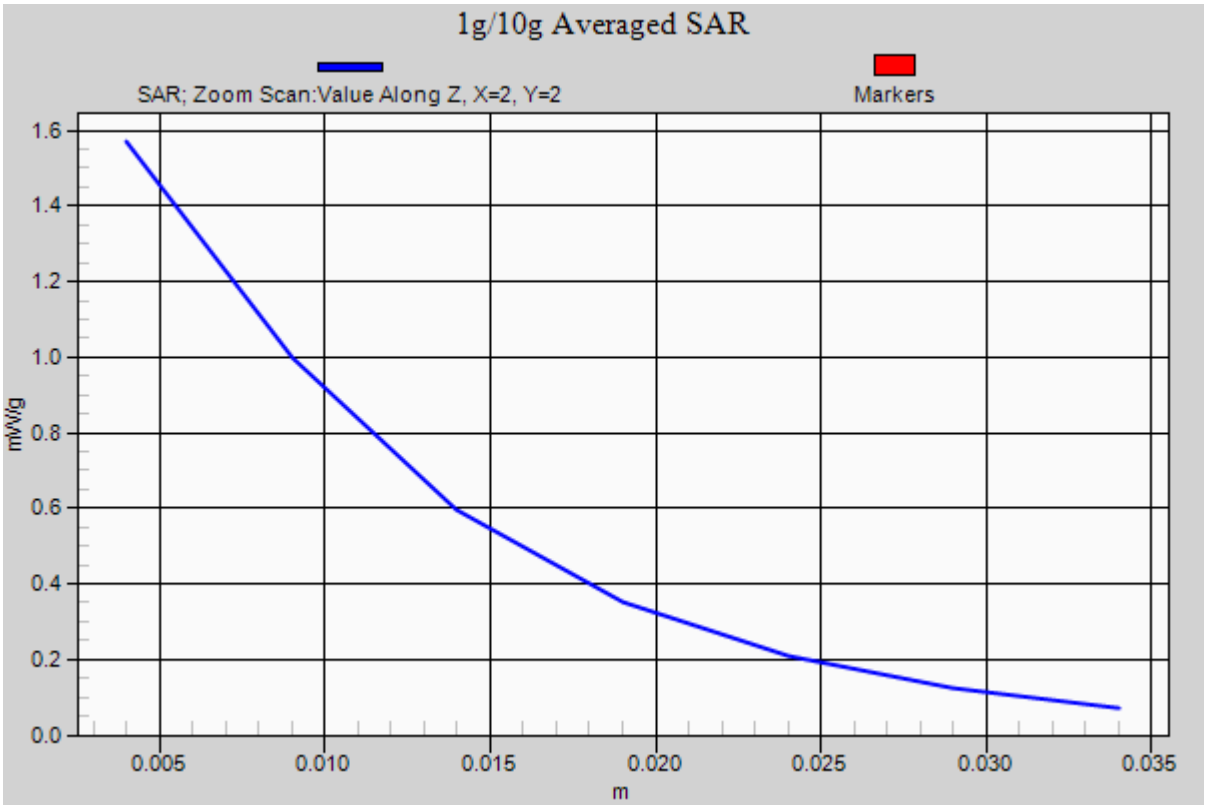
DUT: 121019

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110329 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 °C; Liquid Temperature：21.6 °C

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.35 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.2 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.741 mW/g
Maximum value of SAR (measured) = 1.57 mW/g



#37 GSM1900_GPRS10_Bottom_1cm_Ch810_Sample1_Battery3_Earphone1

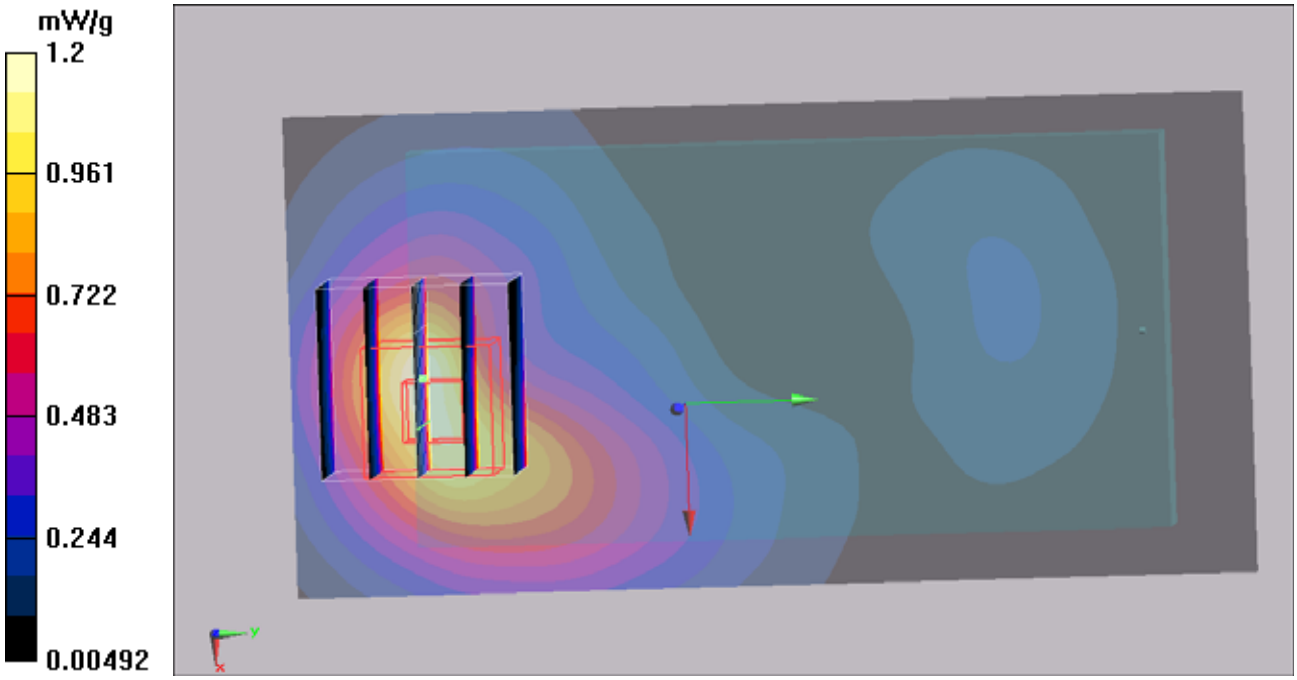
DUT: 121019

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; 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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.2 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.3 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.652 mW/g
Maximum value of SAR (measured) = 1.22 mW/g


mW/g
1.2
0.961
0.722
0.483
0.244
0.00492

#59 GSM1900_GPRS10_Bottom_1cm_Ch810_Sample2_Battery3_Earphone2

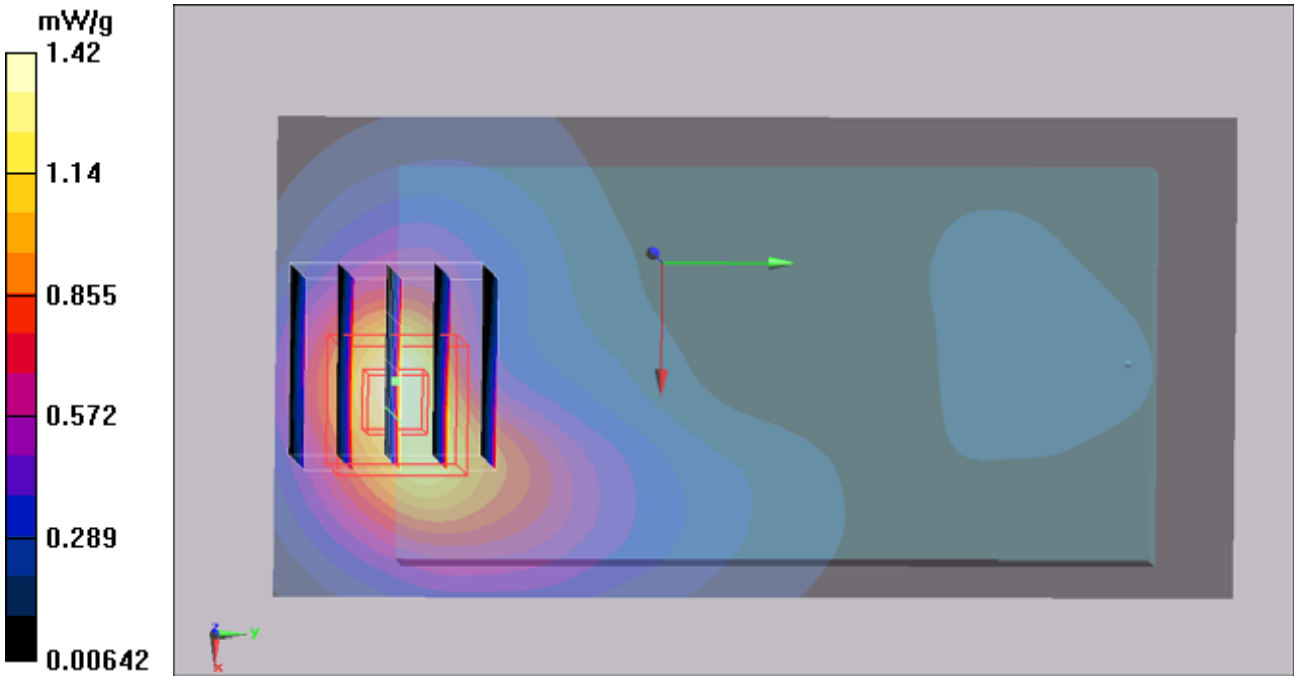
DUT: 121019

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110326 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; 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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.42 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.792 mW/g
Maximum value of SAR (measured) = 1.45 mW/g


mW/g
1.42
1.14
0.855
0.572
0.289
0.00642

#38 GSM1900_GPRS10_Bottom_1cm_Ch661_Sample1_Battery3_Earphone3

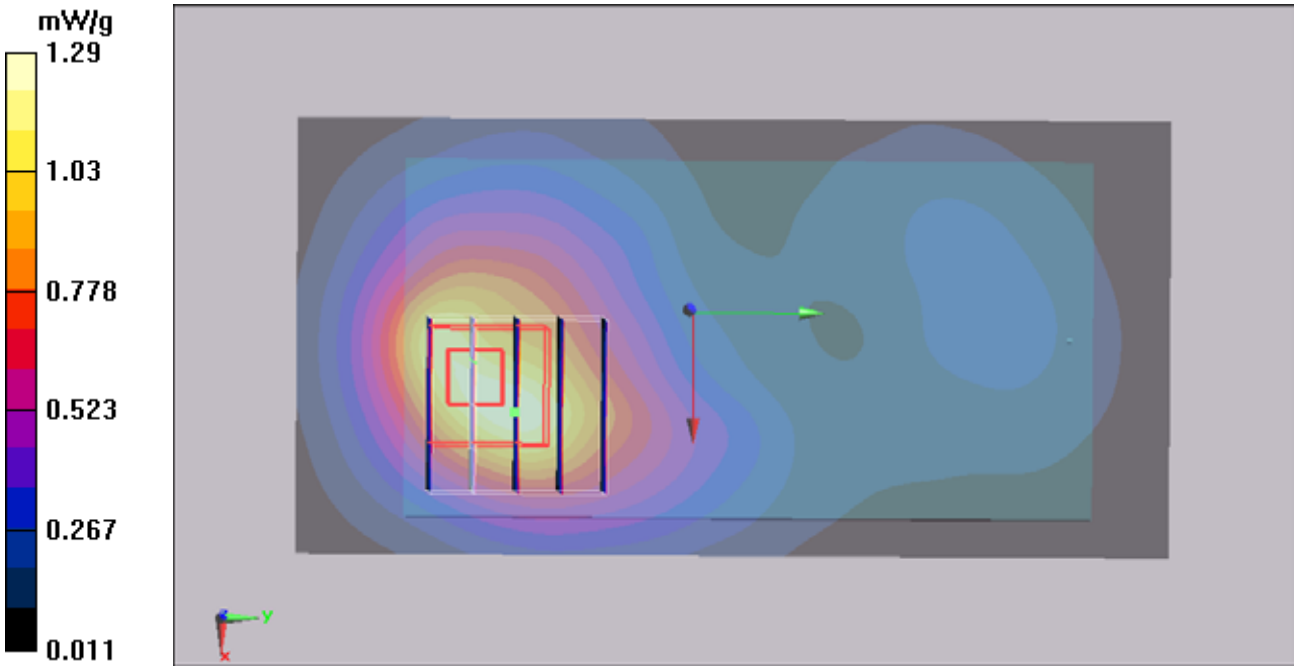
DUT: 121019

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110311 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.6 ℃

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: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.771 mW/g
Maximum value of SAR (measured) = 1.42 mW/g


mW/g
1.29
1.03
0.778
0.523
0.267
0.011

#100
GSM1900_GPRS10_Bottom_1cm_Ch661_Sample2_Battery3_Earpho

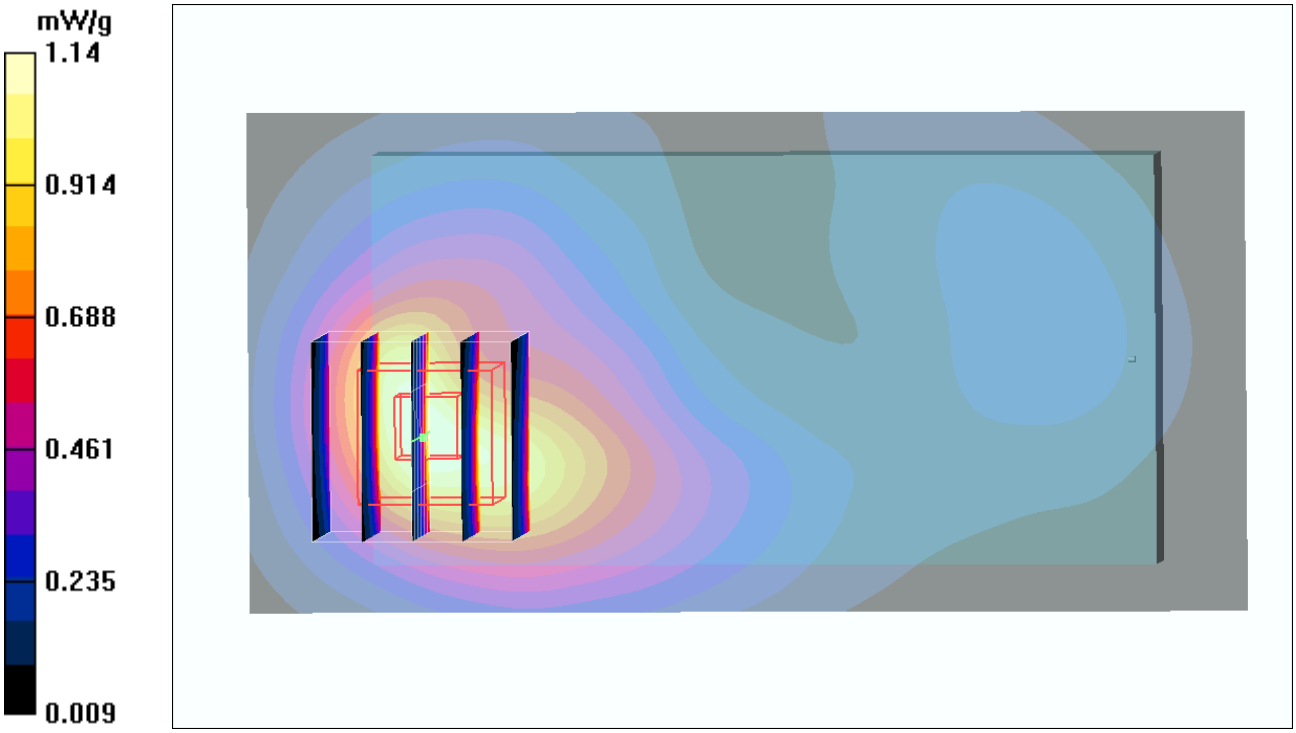
DUT: 121019

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110328 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.693 mW/g
Maximum value of SAR (measured) = 1.26 mW/g


mW/g
1.14
0.914
0.688
0.461
0.235
0.009

#101
GSM1900_GPRS10_Bottom_1cm_Ch512_Sample2_Battery3_Earpho

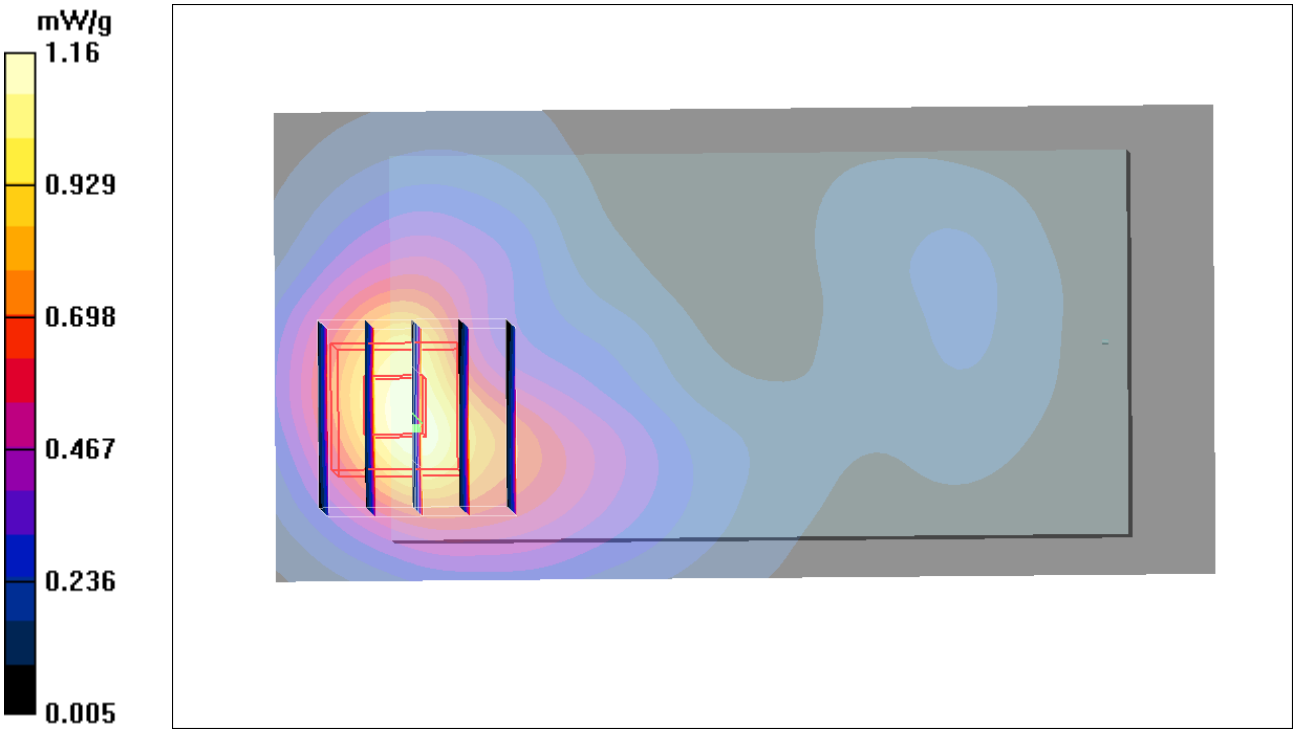
DUT: 121019

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110328 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.58 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.652 mW/g
Maximum value of SAR (measured) = 1.14 mW/g


mW/g
1.16
0.929
0.698
0.467
0.236
0.005

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/4

#07 WCDMA IV_Bottom_1cm_Ch1413_Sample1_Battery1

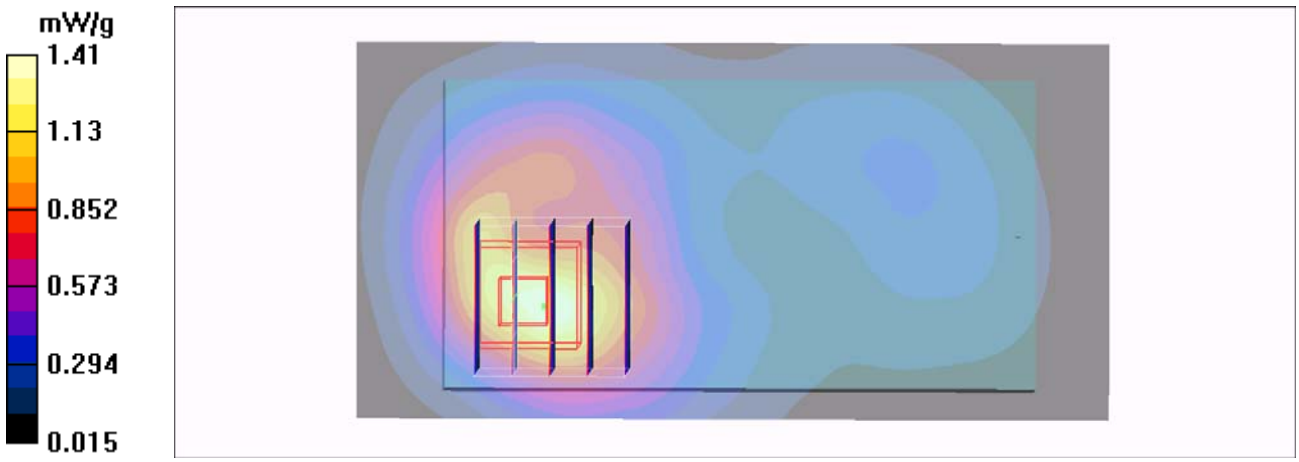
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.0 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.820 mW/g
Maximum value of SAR (measured) = 1.44 mW/g



#07 WCDMA IV_Bottom_1cm_Ch1413_Sample1_Battery1_2D

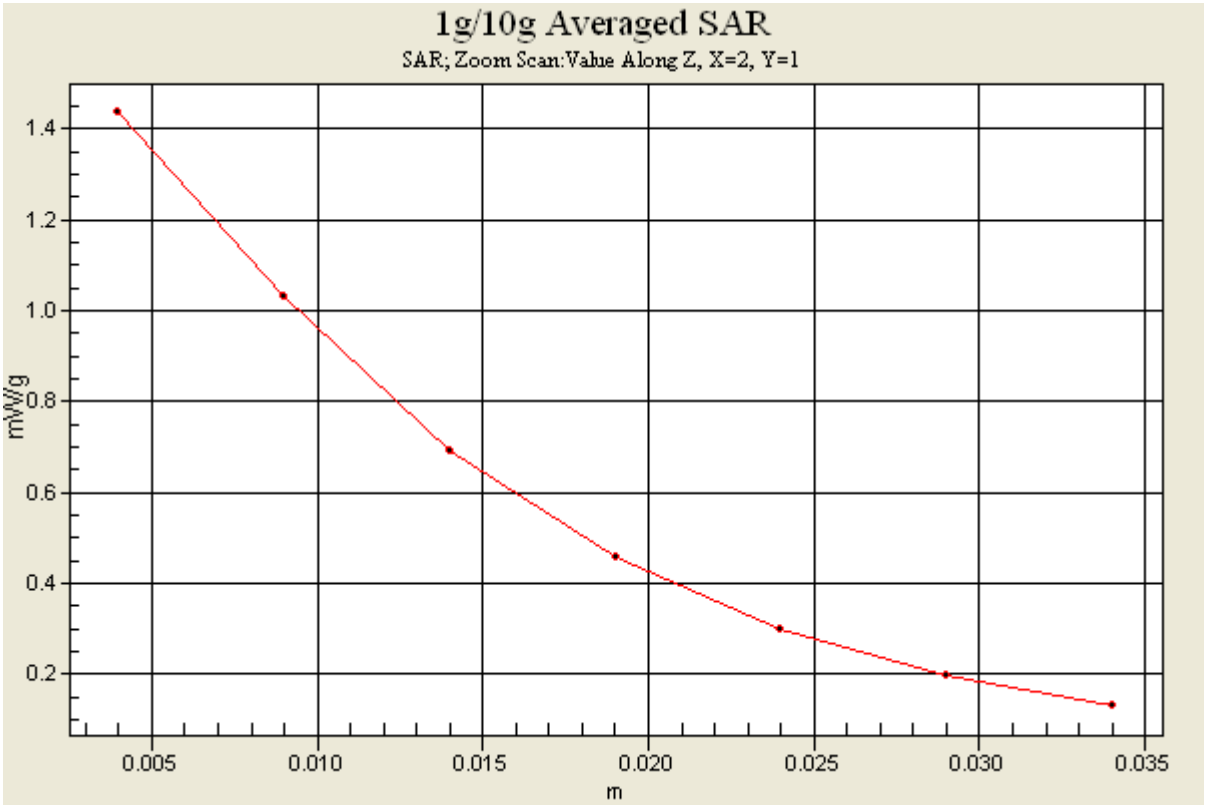
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.820 mW/g
Maximum value of SAR (measured) = 1.44 mW/g



#98 WCDMA IV_RMC12.2K_Bottom_1cm_Ch1413_Sample2_Battery2

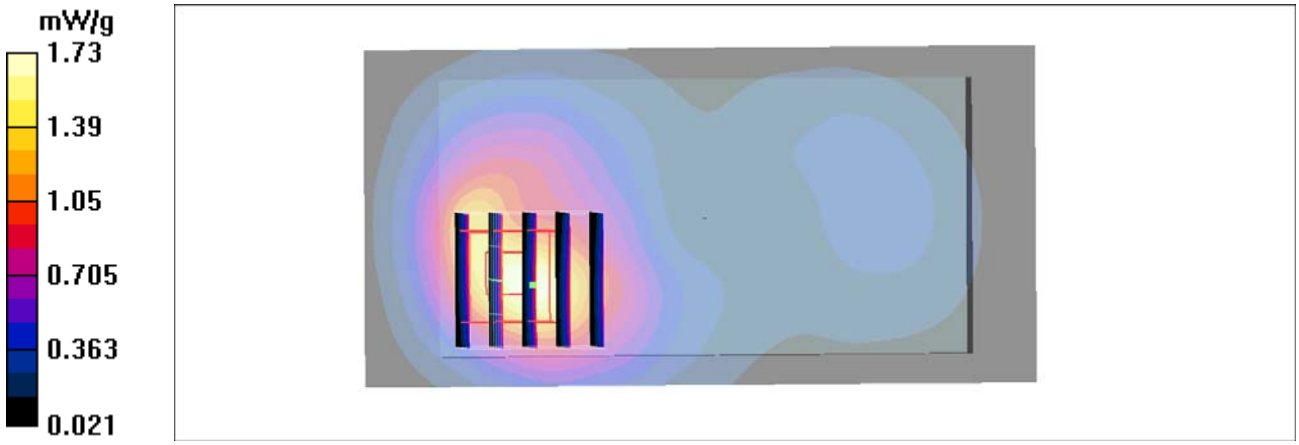
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110402 Medium parameters used: f = 1733 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.73 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.732 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



#09 WCDMA IV_Bottom_1cm_Ch1413_Sample1_Battery3

DUT: 121019

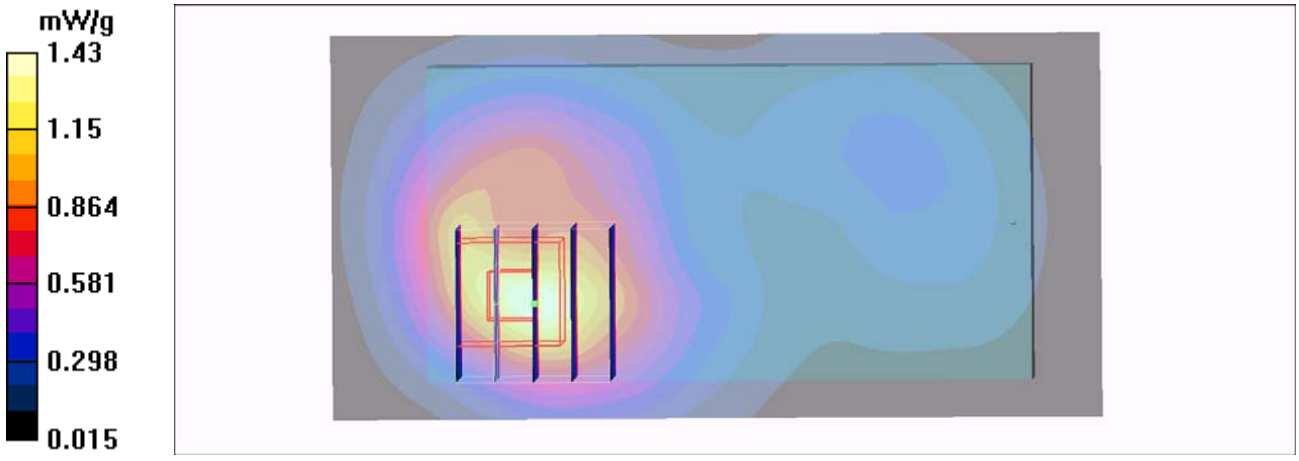
Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.0 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.43 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.811 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/4

#10 WCDMA IV_Face_1cm_Ch1413_Sample1_Battery2

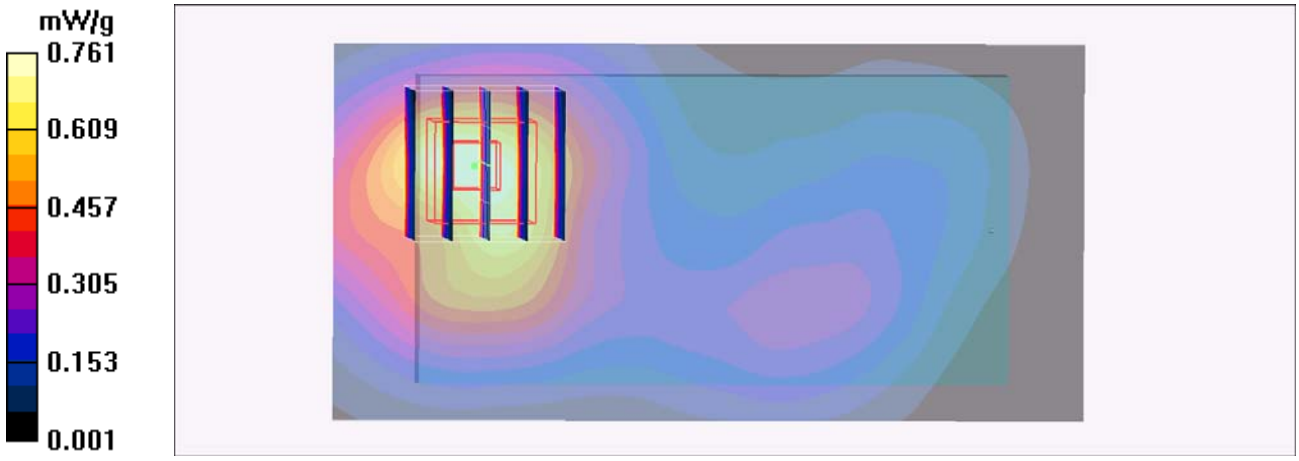
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.0 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.761 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.728 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/4

#11 WCDMA IV_Left Side_1cm_Ch1413_Sample1_Battery2

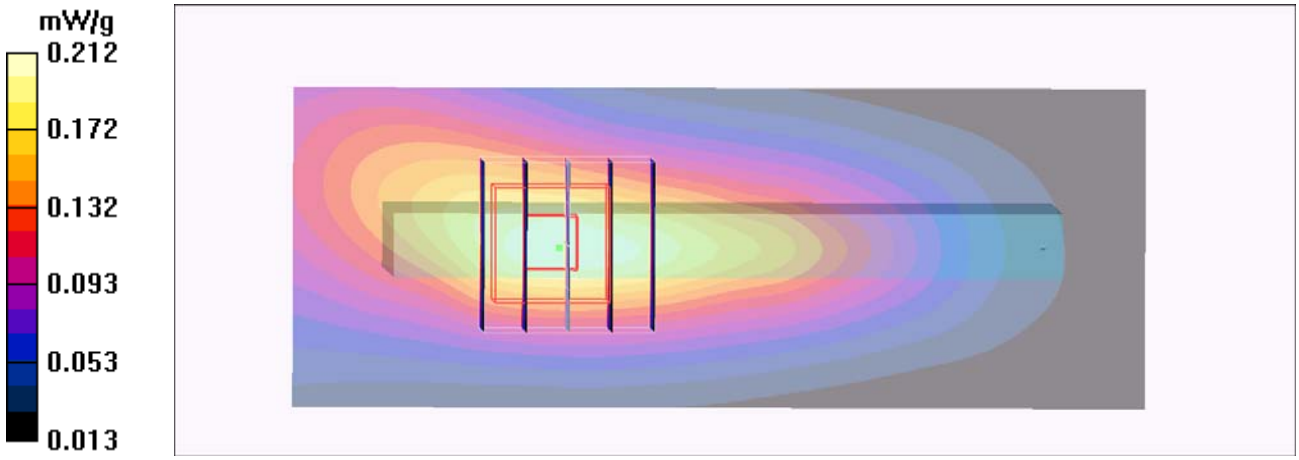
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.212 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.235 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/4

#12 WCDMA IV_Right Side_1cm_Ch1413_Sample1_Battery2

DUT: 121019

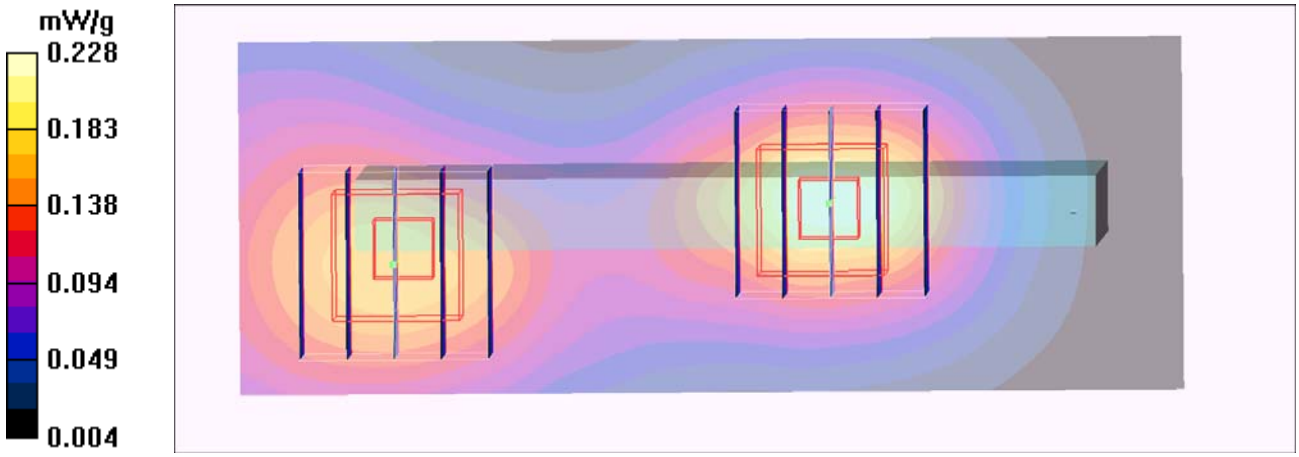
Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.228 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.226 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.201 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/4

#14 WCDMA IV_Down Side_1cm_Ch1413_Sample1_Battery2

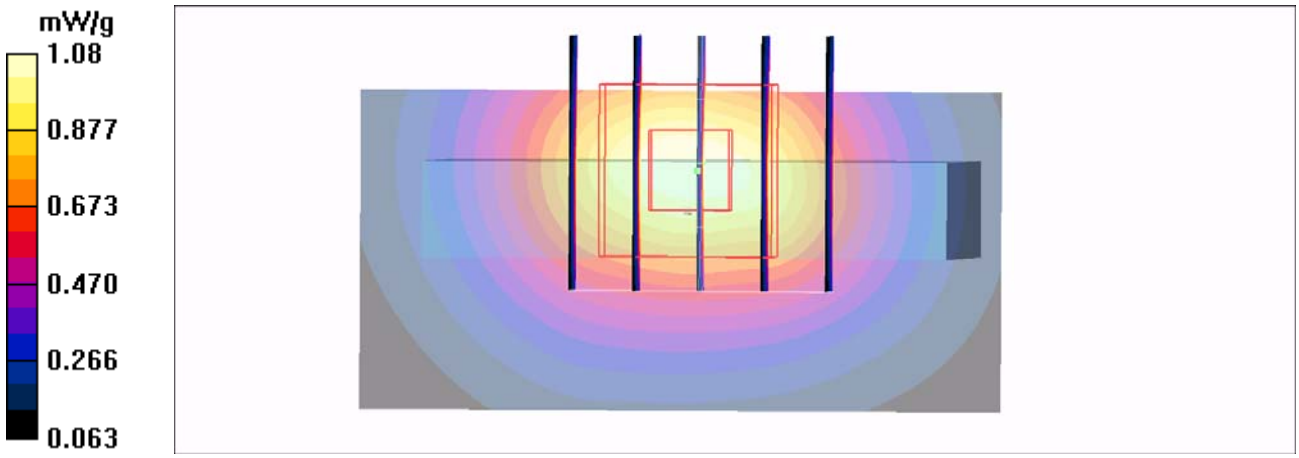
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.08 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.727 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



#15 WCDMA IV_Bottom_1cm_Ch1312_Sample1_Battery2

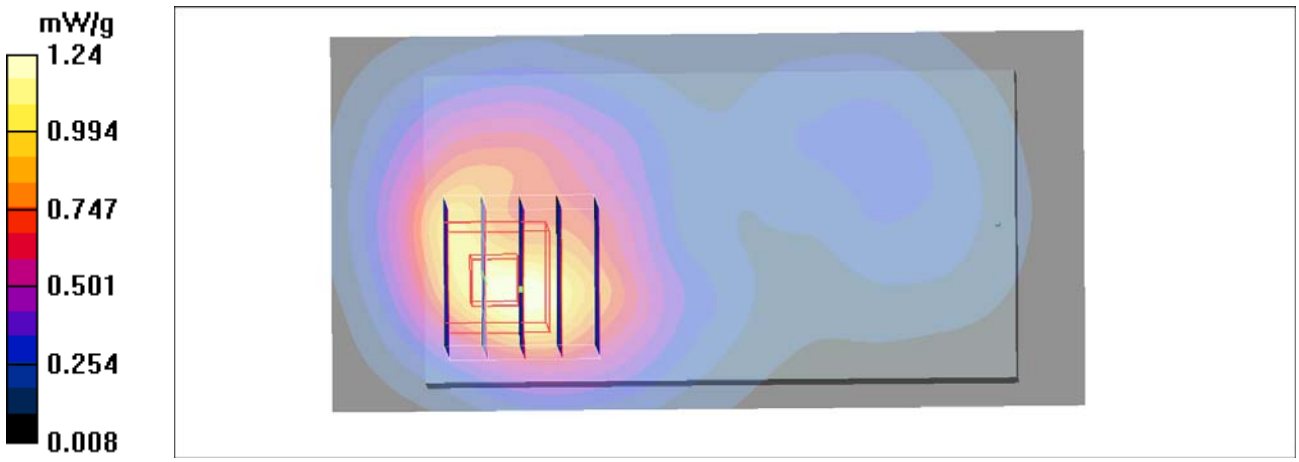
DUT: 121019

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.45 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.0 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1312/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.737 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



#16 WCDMA IV_Bottom_1cm_Ch1513_Sample1_Battery2

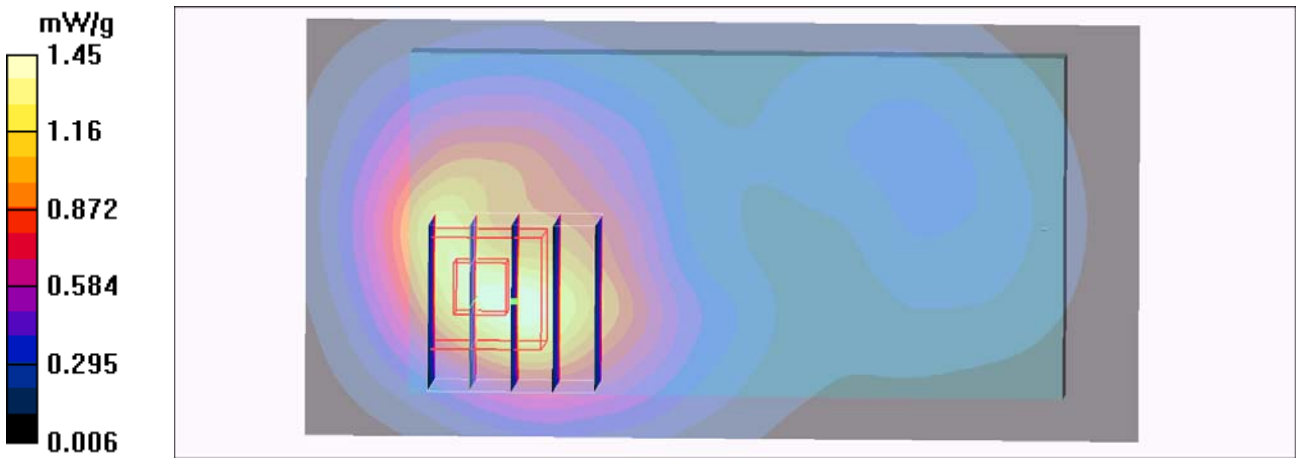
DUT: 121019

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1753 MHz; σ = 1.5 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.45 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.873 mW/g
Maximum value of SAR (measured) = 1.51 mW/g



#16 WCDMA IV_Bottom_1cm_Ch1513_Sample1_Battery2_2D

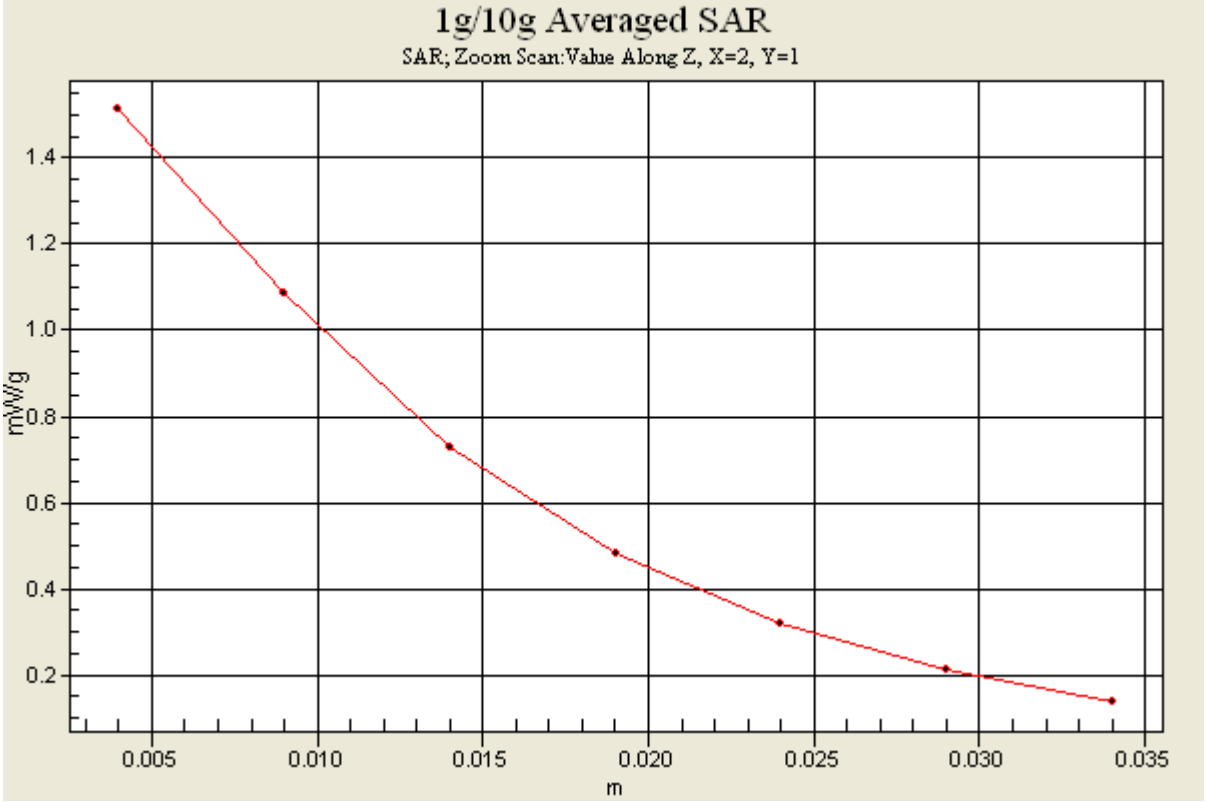
DUT: 121019

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1753 MHz; σ = 1.5 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.45 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.873 mW/g
Maximum value of SAR (measured) = 1.51 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=1
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#102 WCDMA
IV_RMC12.2K_Bottom_1cm_Ch1312_Sample1_Battery3

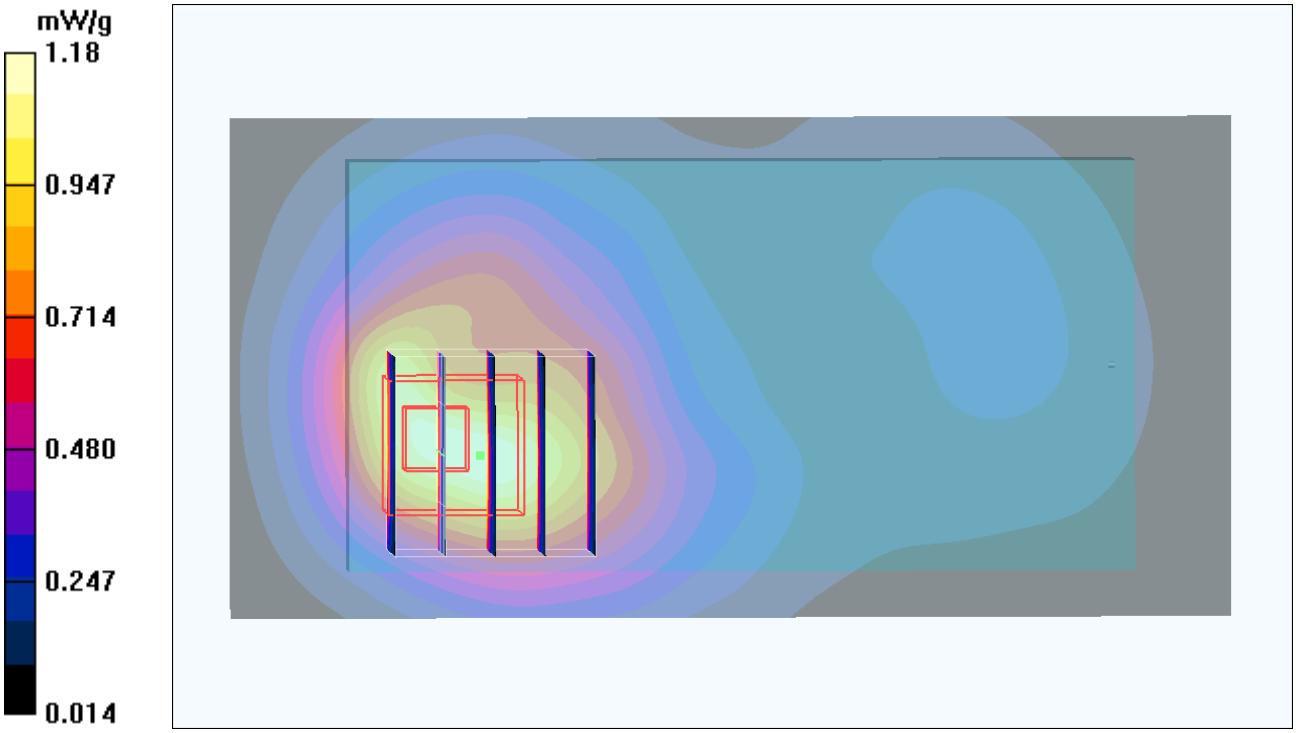
DUT: 121019

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used : f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1312/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.697 mW/g
Maximum value of SAR (measured) = 1.21 mW/g


mW/g
1.18
0.947
0.714
0.480
0.247
0.014

#103 WCDMA
IV_RMC12.2K_Bottom_1cm_Ch1513_Sample1_Battery3

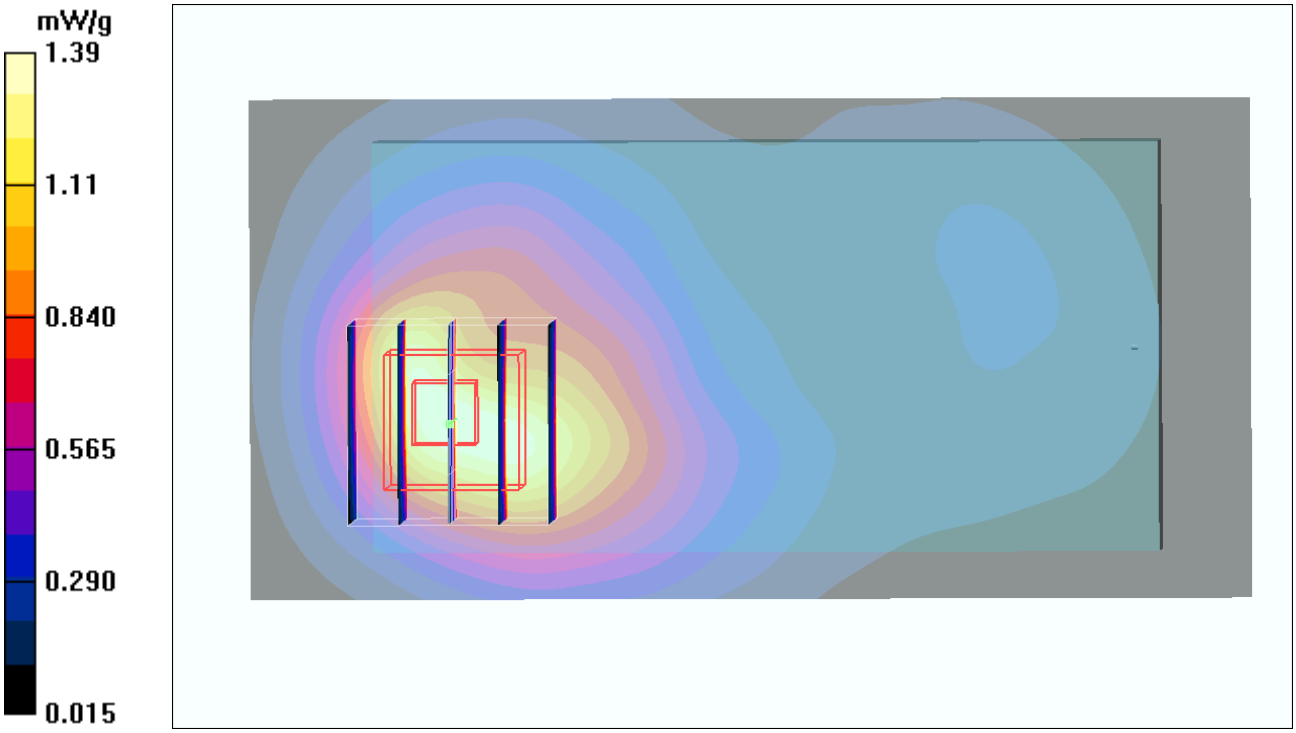
DUT: 121019

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.842 mW/g
Maximum value of SAR (measured) = 1.49 mW/g


mW/g
1.39
1.11
0.840
0.565
0.290
0.015

#104 WCDMA IV_Down Side_1cm_Ch1312_Sample1_Battery1

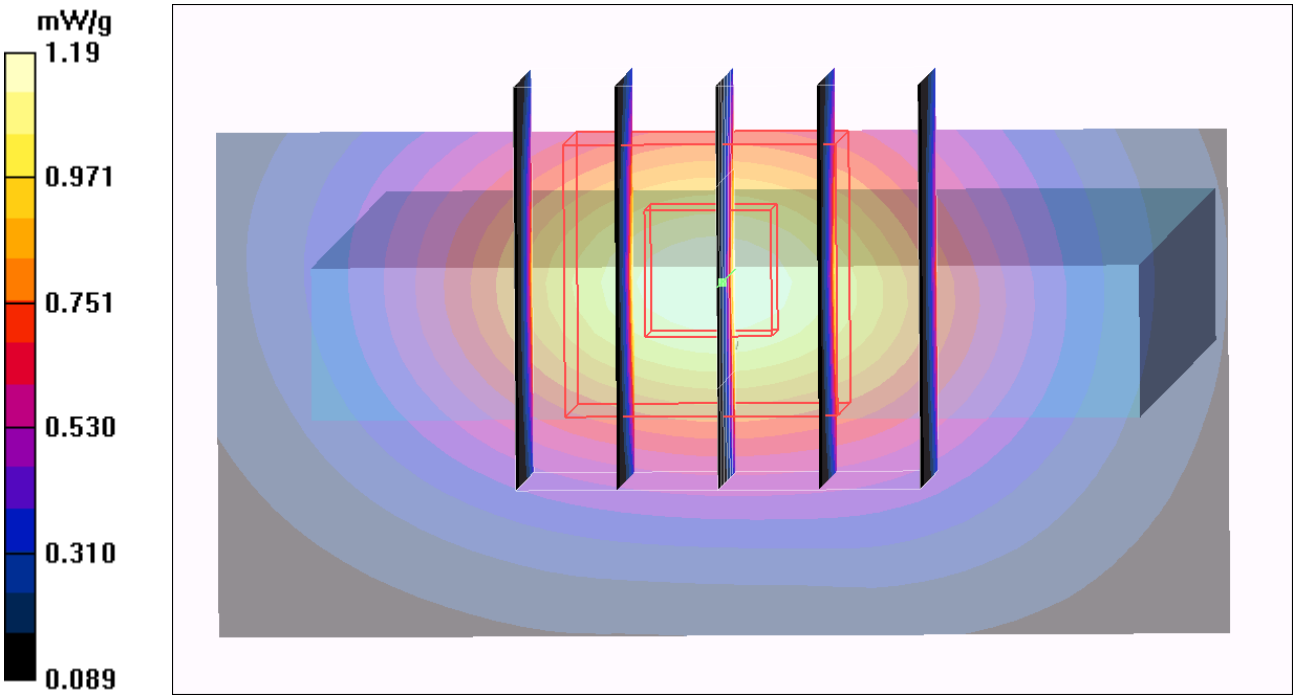
DUT: 121019

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used : f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1312/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.693 mW/g
Maximum value of SAR (measured) = 1.40 mW/g


mW/g
1.19
0.971
0.751
0.530
0.310
0.089

#105 WCDMA IV_Down Side_1cm_Ch1513_Sample1_Battery1

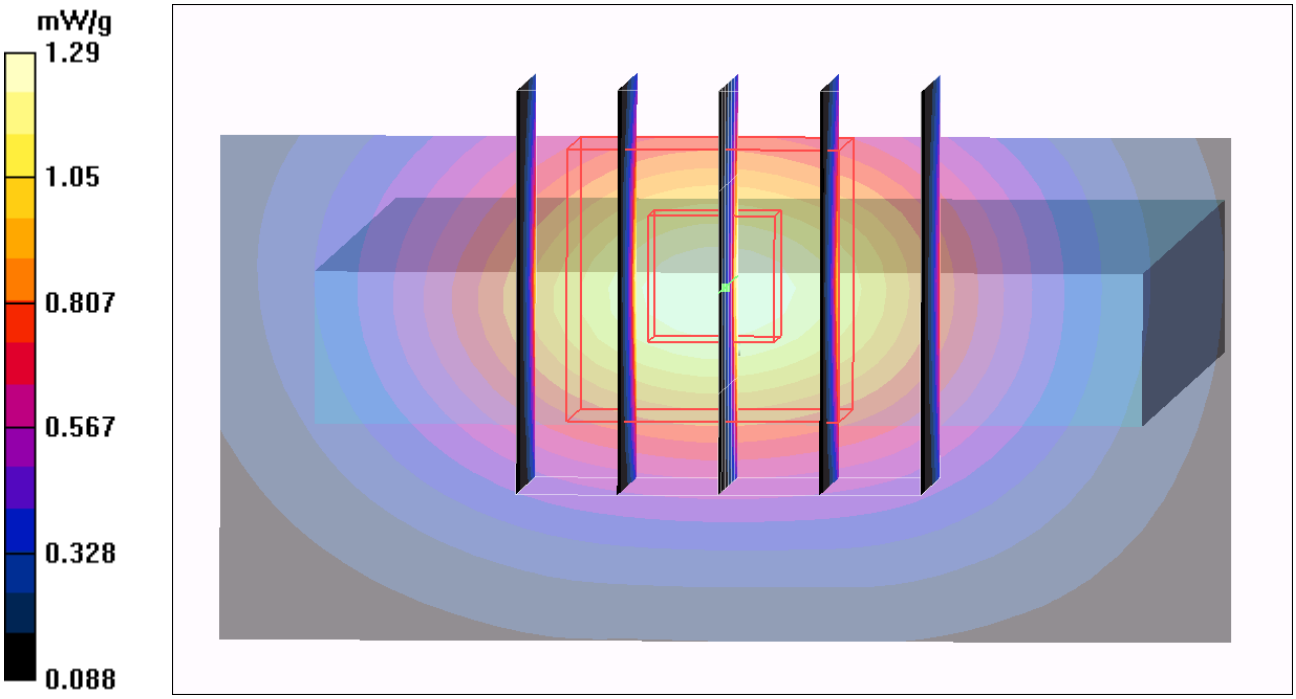
DUT: 121019

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1513/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.6 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.749 mW/g
Maximum value of SAR (measured) = 1.54 mW/g


mW/g
1.29
1.05
0.807
0.567
0.328
0.088

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/28

#61 WCDMA IV_RMC12.2K_Bottom_1cm_Ch1413_Sample1_Battery1_Earphone1

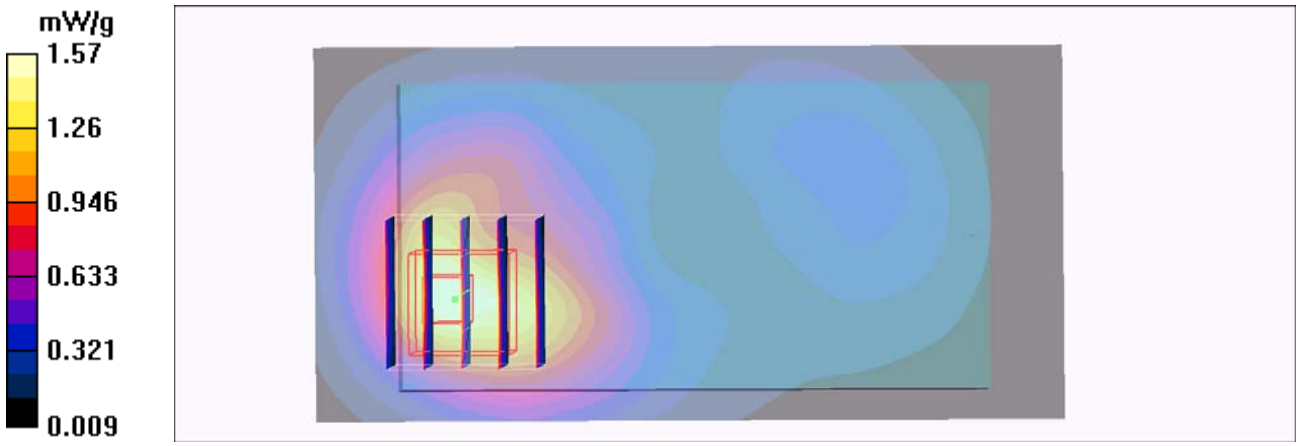
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used: f = 1733 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.57 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.872 mW/g
Maximum value of SAR (measured) = 1.47 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/4

#17 WCDMA IV_Bottom_1cm_Ch1413_Sample1_Battery2_Earphone2

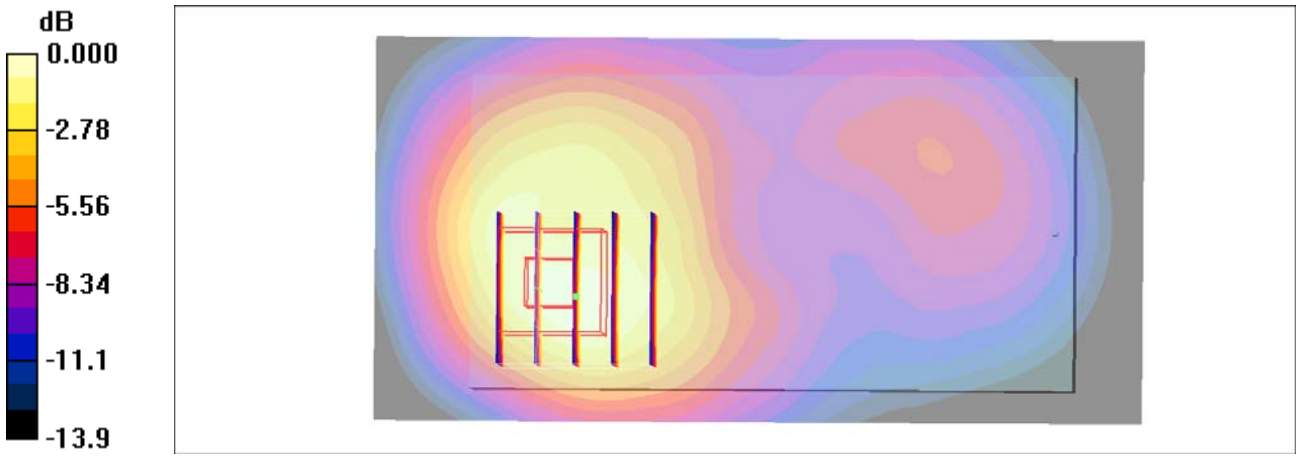
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110304 Medium parameters used: f = 1733 MHz; σ = 1.48 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.48 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.862 mW/g
Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

#99 WCDMA IV_RMC12.2K_Bottom_1cm_Ch1413_Sample1_Battery1_Earphone3

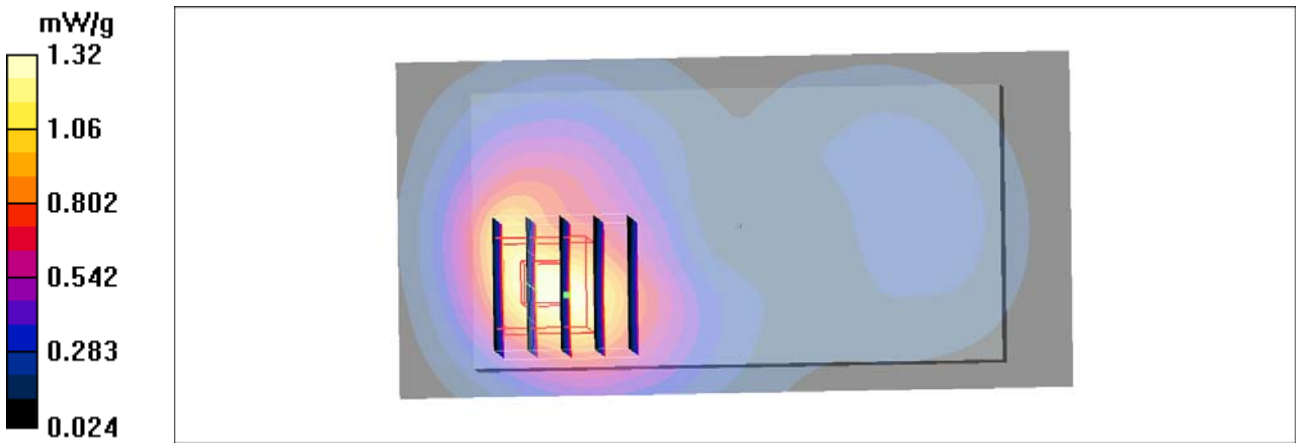
DUT: 121019

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110402 Medium parameters used: f = 1733 MHz; σ = 1.5 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

Ch1413/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.738 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/3/28

#63 WCDMA IV_RMC12.2K_Bottom_1cm_Ch1312_Sample1_Battery1_Earphone3

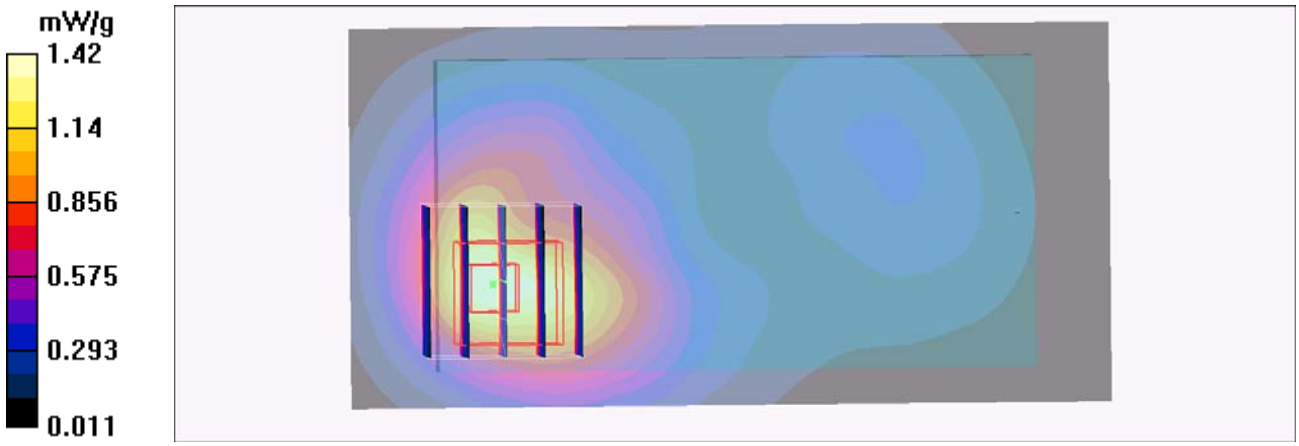
DUT: 121019

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1312/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.42 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.809 mW/g
Maximum value of SAR (measured) = 1.34 mW/g

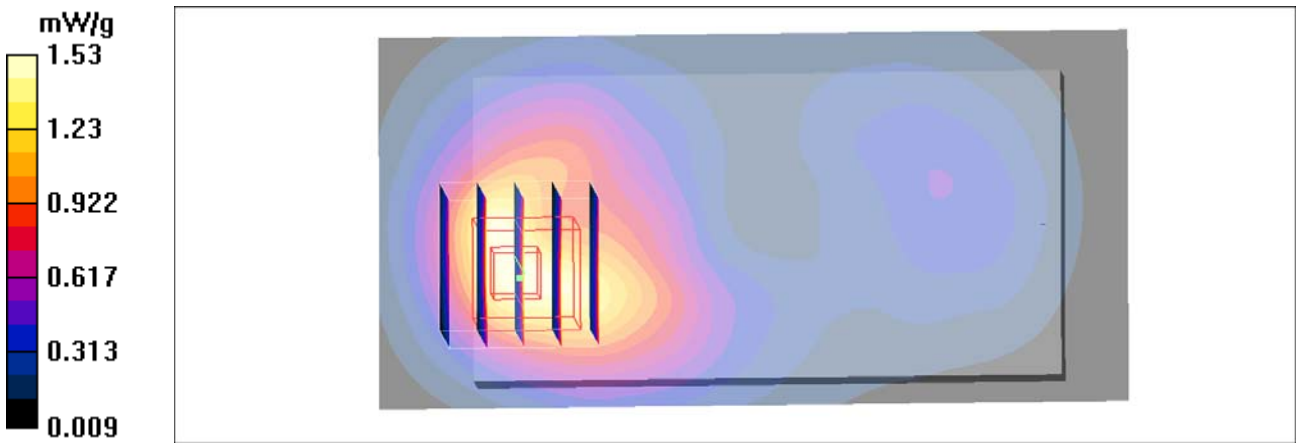


#64 WCDMA IV_RMC12.2K_Bottom_1cm_Ch1513_Sample1_Battery1_Earphone3

DUT: 121019

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110328 Medium parameters used: f = 1753 MHz; σ = 1.52 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.72, 4.72, 4.72); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.53 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.877 mW/g
Maximum value of SAR (measured) = 1.50 mW/g