Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_Right Cheek_Ch251

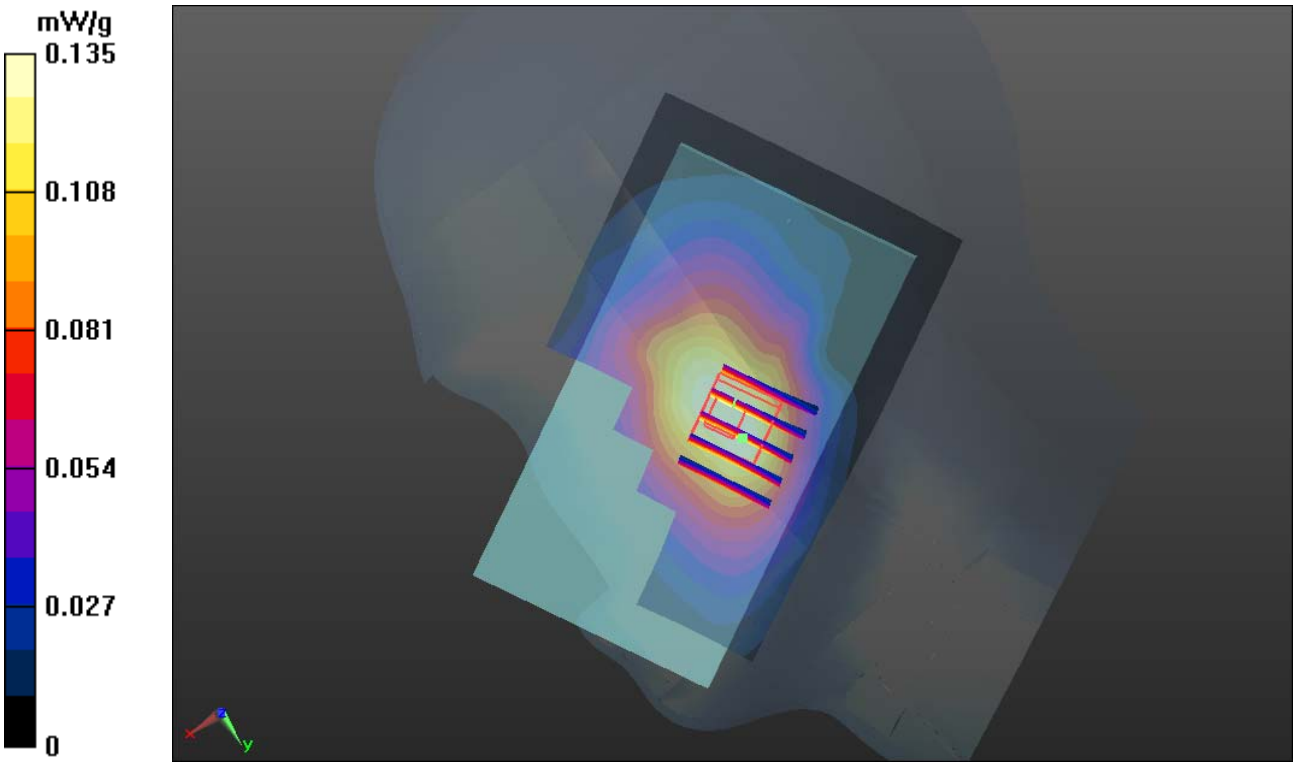
DUT: 1D0806

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111219 Medium parameters used: f = 849 MHz; σ = 0.922 mho/m; ε_r = 41.484; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.208 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.138 mW/g


mW/g
0.135
0.108
0.081
0.054
0.027
0
x
y

#01 GSM850_Right Cheek_Ch251

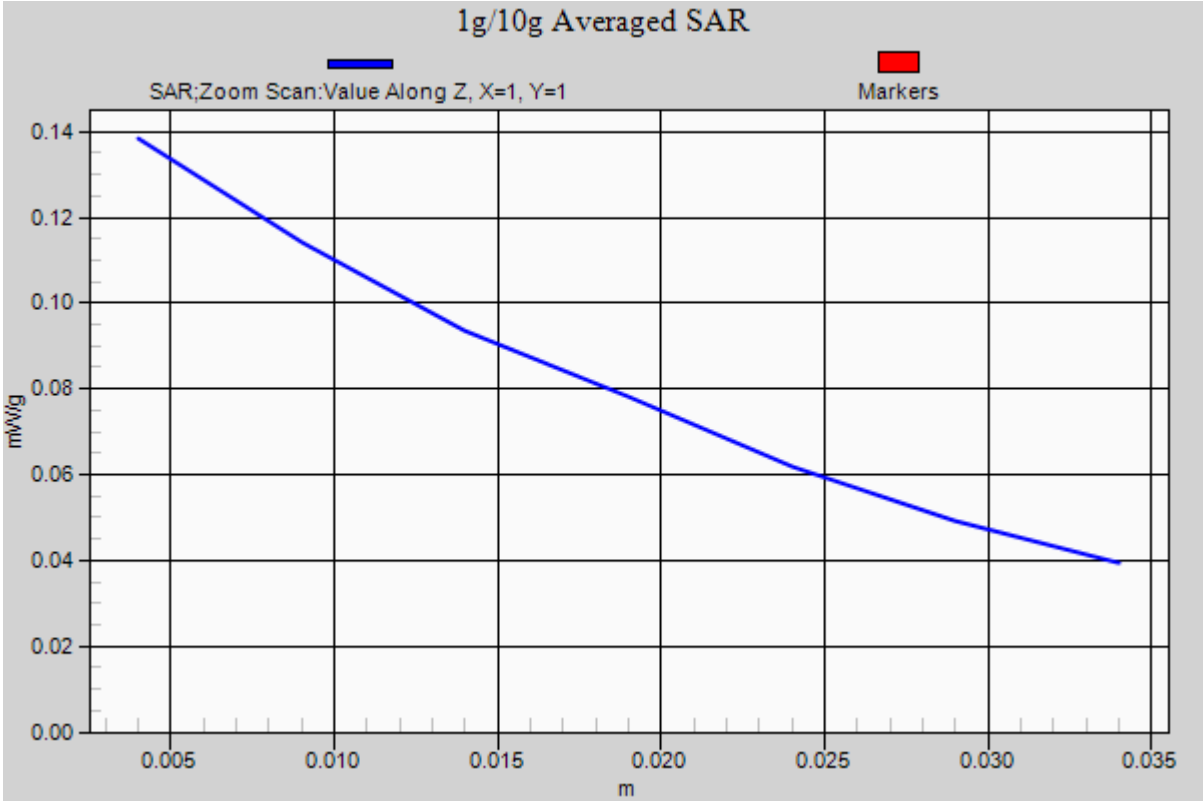
DUT: 1D0806

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: HSL_850_111219 Medium parameters used: f = 849 MHz; σ = 0.922 mho/m; ε_r = 41.484; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.208 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.138 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=1
Markers
mW/g
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#02 GSM850_Right Tilted_Ch251

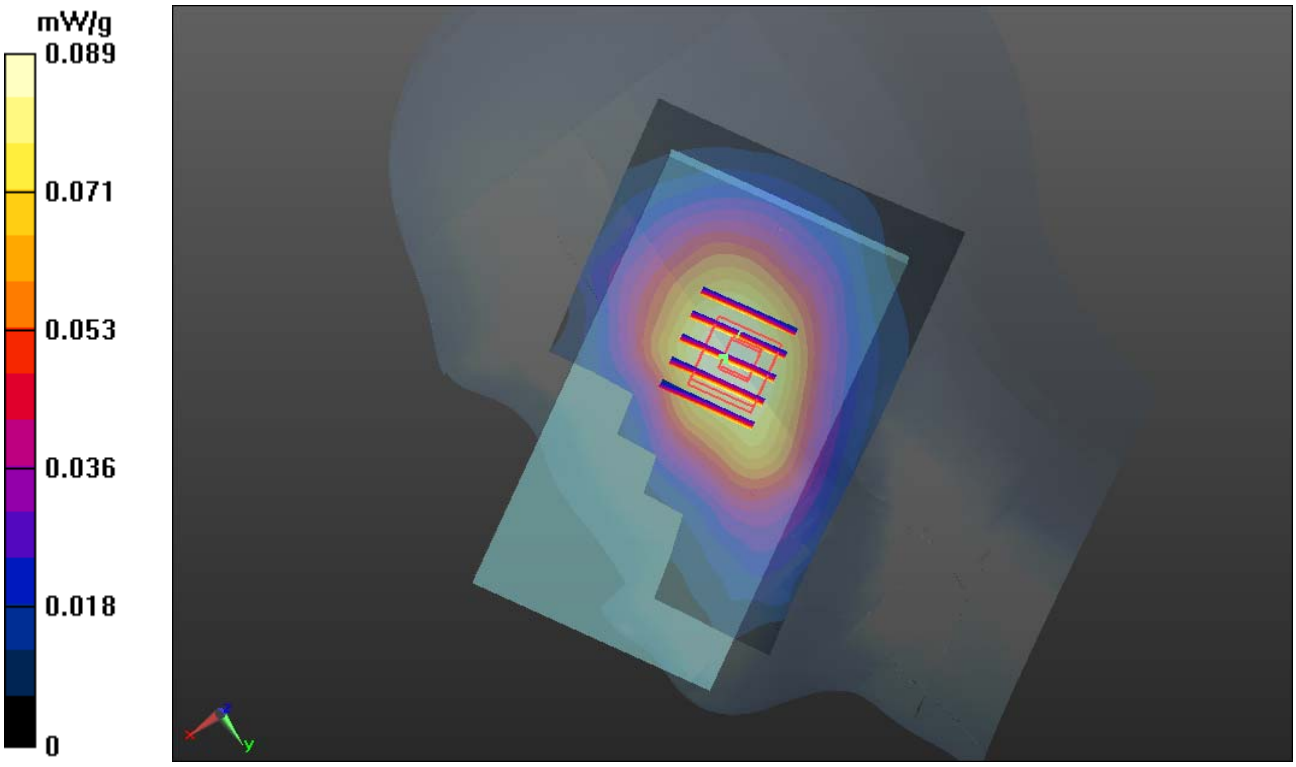
DUT: 1D0806

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111219 Medium parameters used: f = 849 MHz; σ = 0.922 mho/m; ε_r = 41.484; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.025 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.086 mW/g


mW/g
0.089
0.071
0.053
0.036
0.018
0
x
y

#03 GSM850_Left Cheek_Ch251

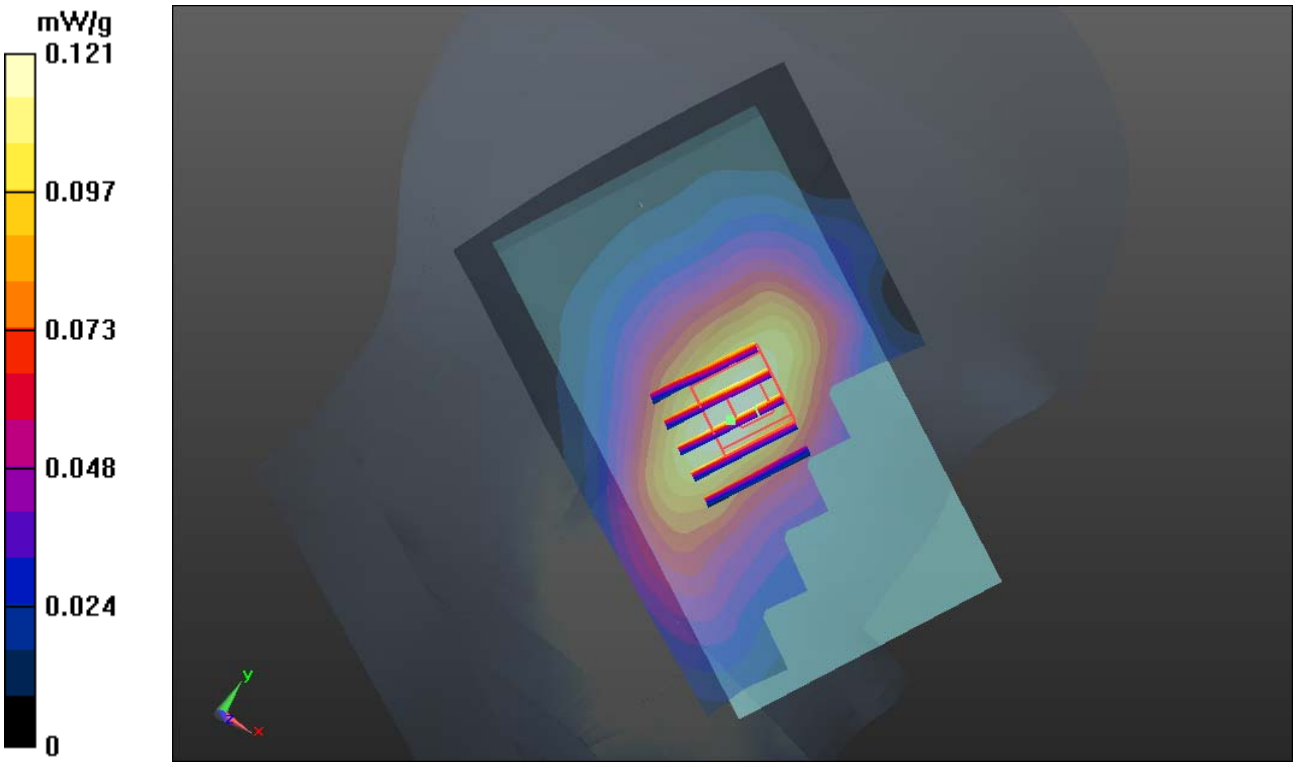
DUT: 1D0806

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111219 Medium parameters used: f = 849 MHz; σ = 0.922 mho/m; ε_r = 41.484; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.170 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.127 mW/g


mW/g
0.121
0.097
0.073
0.048
0.024
0
y
x

#04 GSM850_Left Tited_Ch251

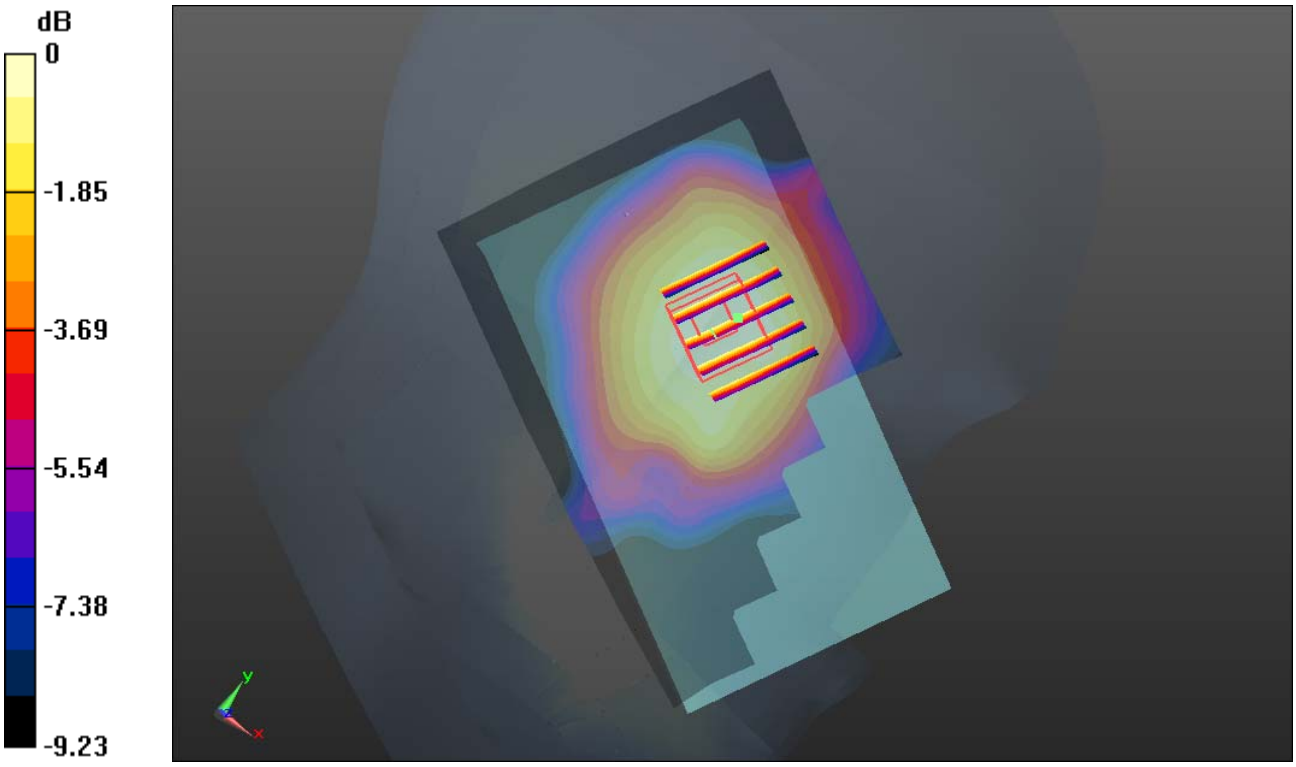
DUT: 1D0806

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111219 Medium parameters used: f = 849 MHz; σ = 0.922 mho/m; ε_r = 41.484; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.079 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.612 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.099 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

#05 GSM1900_Right Cheek_Ch512

DUT: 1D0806

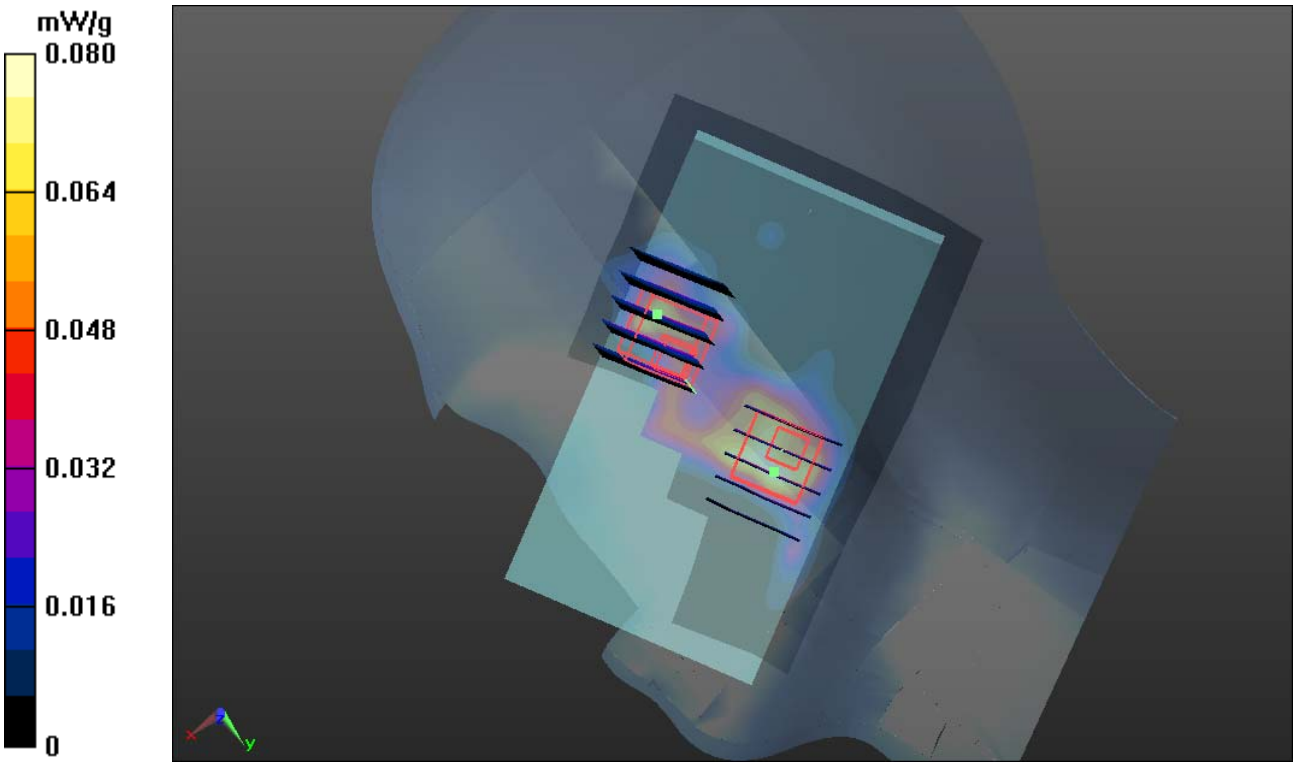
Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111219 Medium parameters used: f = 1850.2 MHz; σ = 1.362 mho/m; ε_r = 40.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.080 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.768 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.079 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.768 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.044 mW/g


mW/g
0.080
0.064
0.048
0.032
0.016
0
x
y

#06 GSM1900_Right Tilted_Ch512

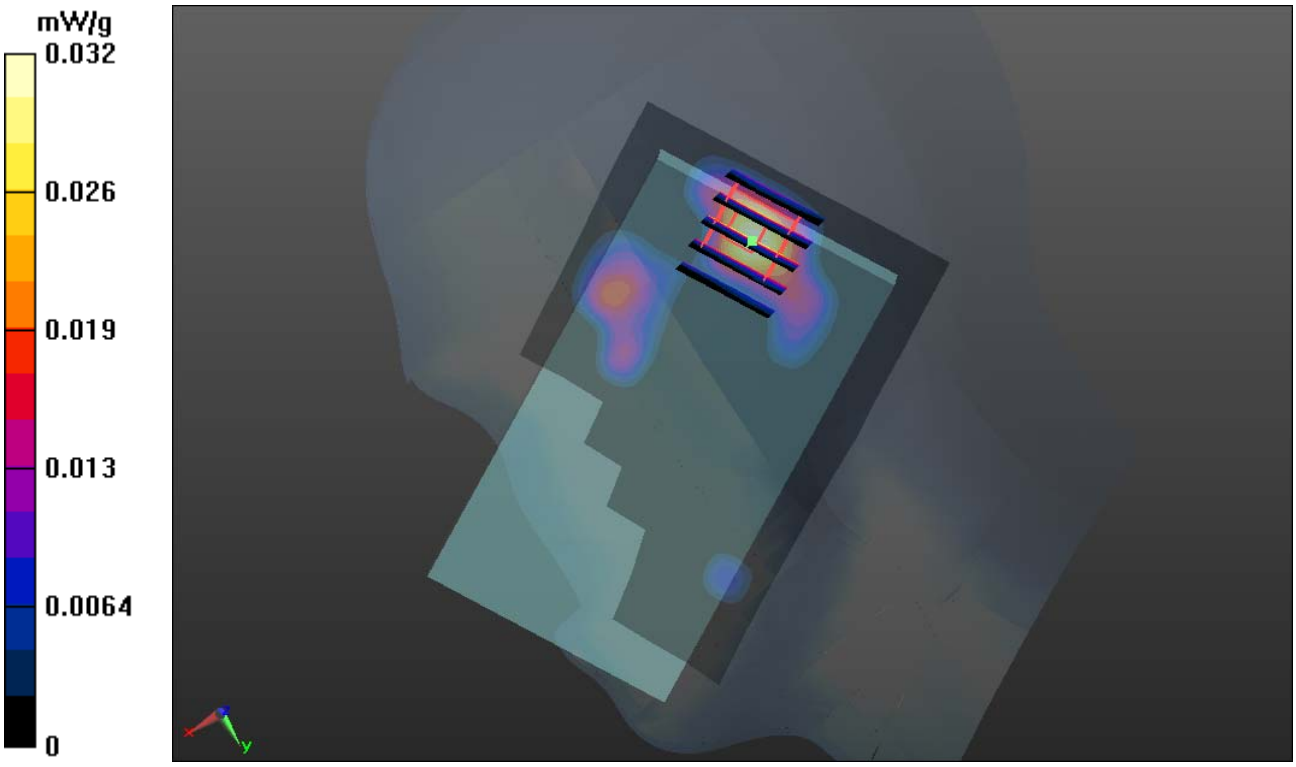
DUT: 1D0806

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111219 Medium parameters used: f = 1850.2 MHz; σ = 1.362 mho/m; ε_r = 40.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.032 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.794 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.031 mW/g


mW/g
0.032
0.026
0.019
0.013
0.0064
0
y

#07 GSM1900_Left Cheek_Ch512

DUT: 1D0806

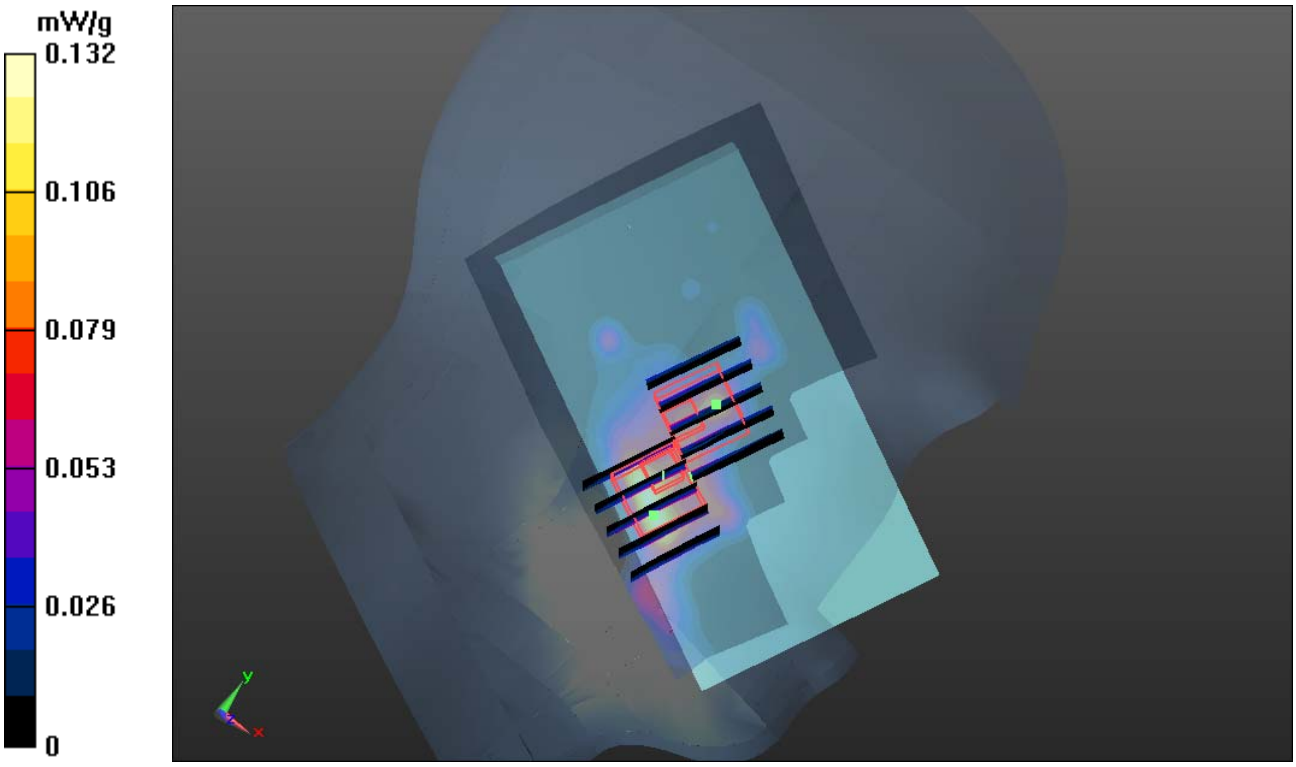
Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111219 Medium parameters used: f = 1850.2 MHz; σ = 1.362 mho/m; ε_r = 40.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.132 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.089 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.079 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.089 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.083 mW/g


mW/g
0.132
0.106
0.079
0.053
0.026
0
y
x

#07 GSM1900_Left Cheek_Ch512_2D

DUT: 1D0806

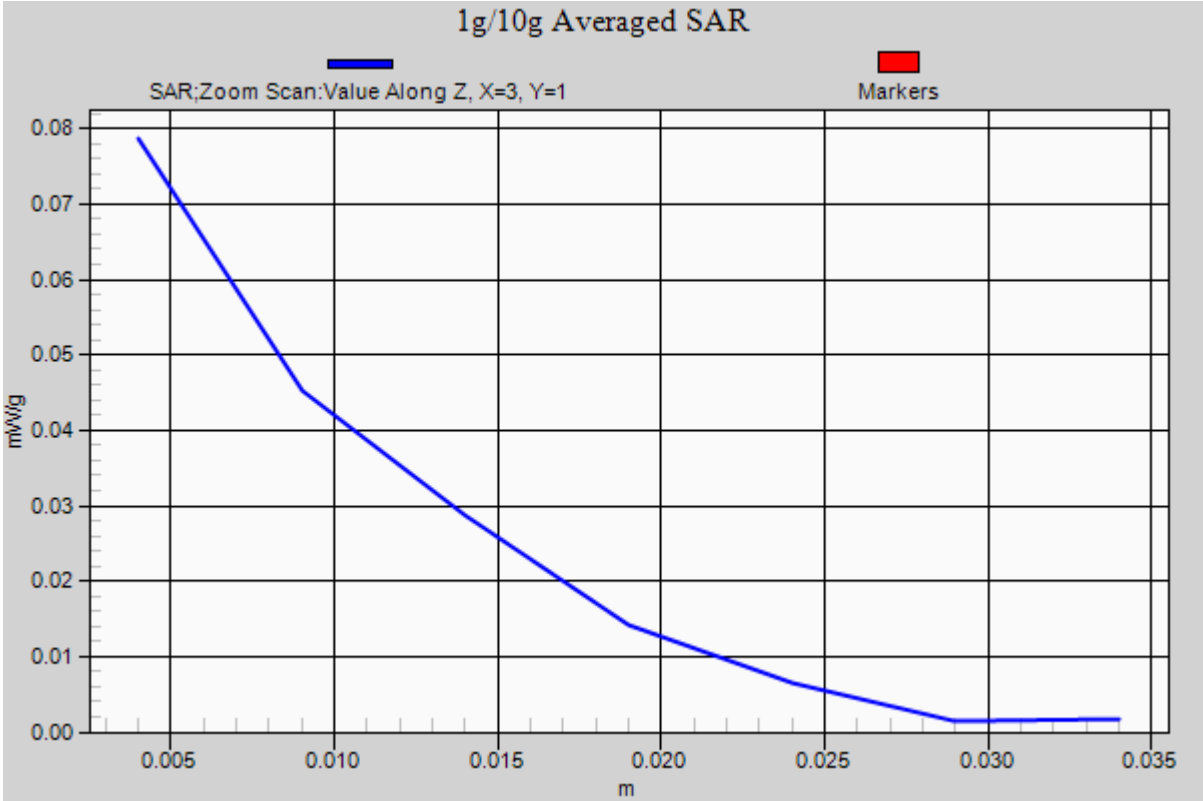
Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111219 Medium parameters used: f = 1850.2 MHz; σ = 1.362 mho/m; ε_r = 40.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.132 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.089 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.079 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.089 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.083 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=1
Markers
mW/g
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#08 GSM1900_Left Tited_Ch512

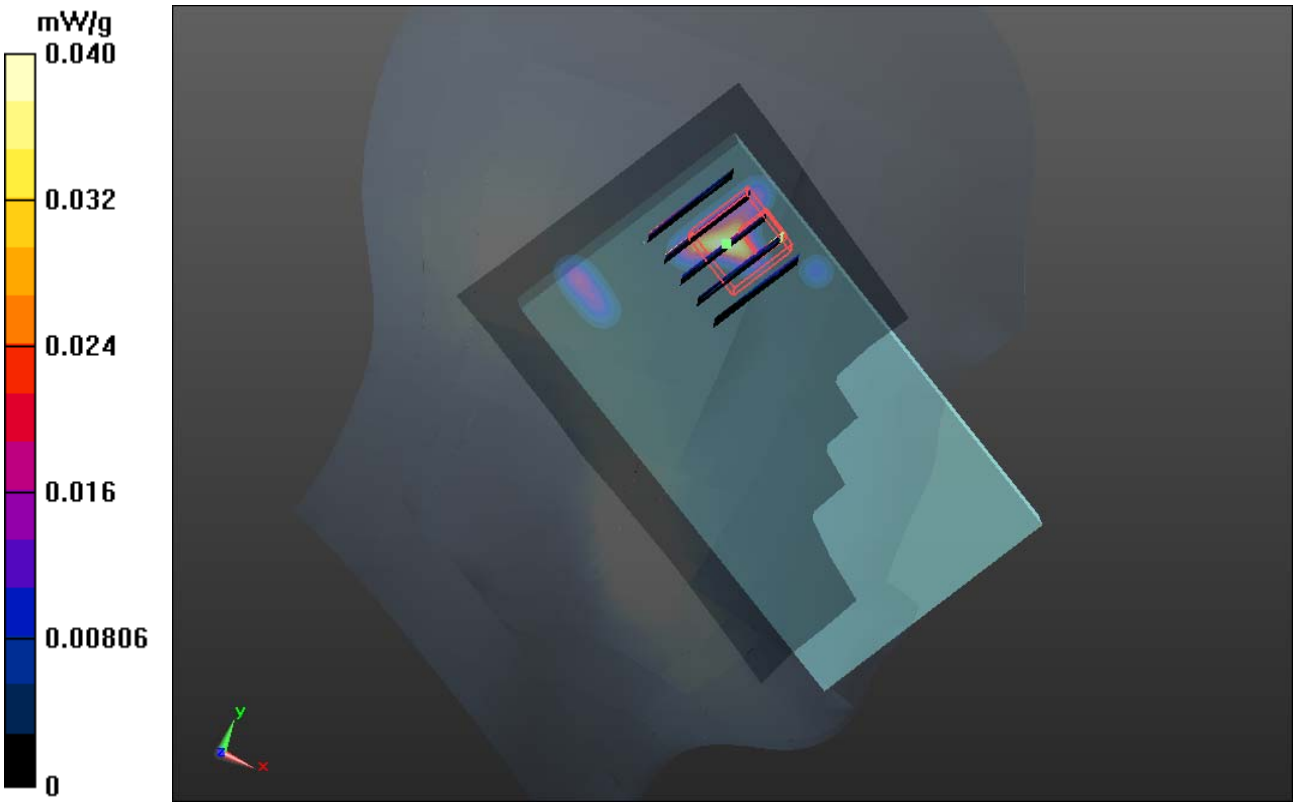
DUT: 1D0806

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111219 Medium parameters used: f = 1850.2 MHz; σ = 1.362 mho/m; ε_r = 40.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.040 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.614 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.0018 mW/g
Maximum value of SAR (measured) = 0.051 mW/g


mW/g
0.040
0.032
0.024
0.016
0.00806
0
y
x

#09 WCDMA V_RMC 12.2K_Right Cheek_Ch4182

DUT: 1D0806

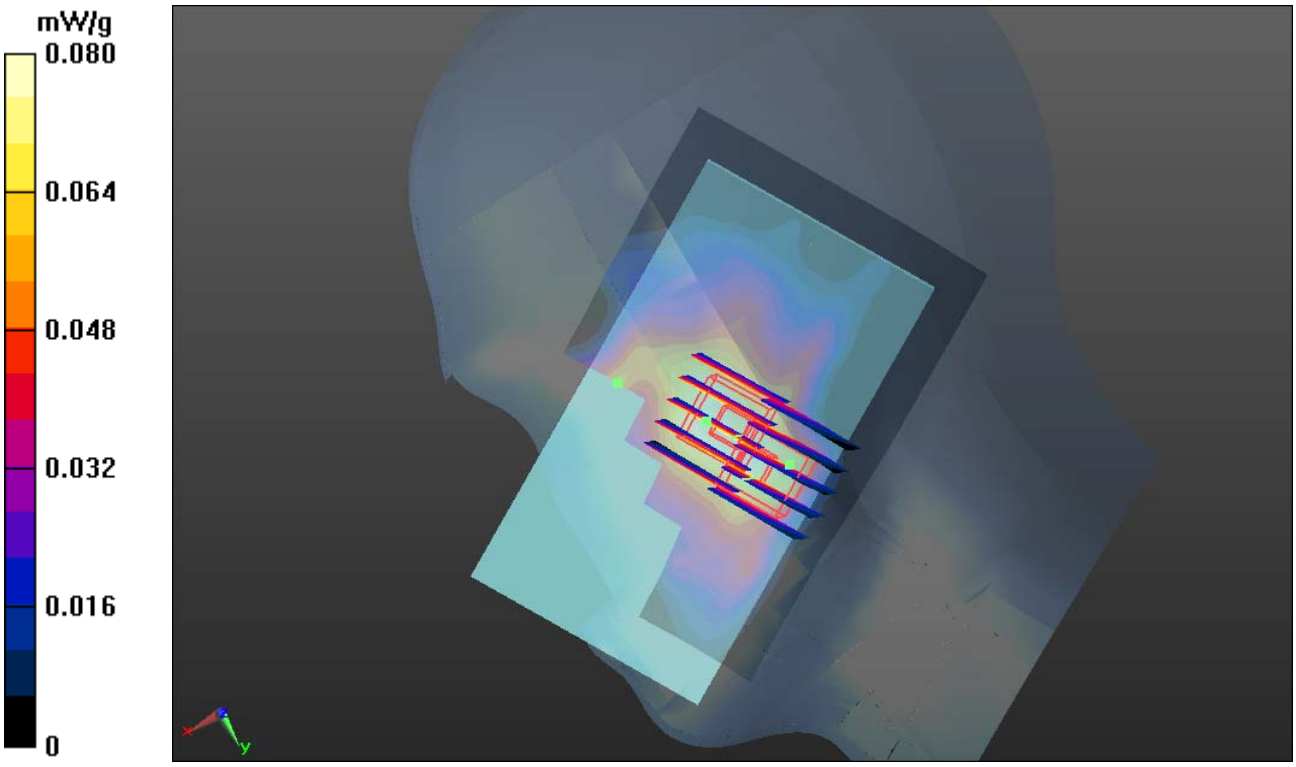
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_111219 Medium parameters used: f = 836.4 MHz; σ = 0.91 mho/m; ε_r = 41.635; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.080 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.837 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.092 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.837 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.079 mW/g


mW/g
0.080
0.064
0.048
0.032
0.016
0
x
y

#10 WCDMA V_RMC 12.2K_Right Tilted_Ch4182

DUT: 1D0806

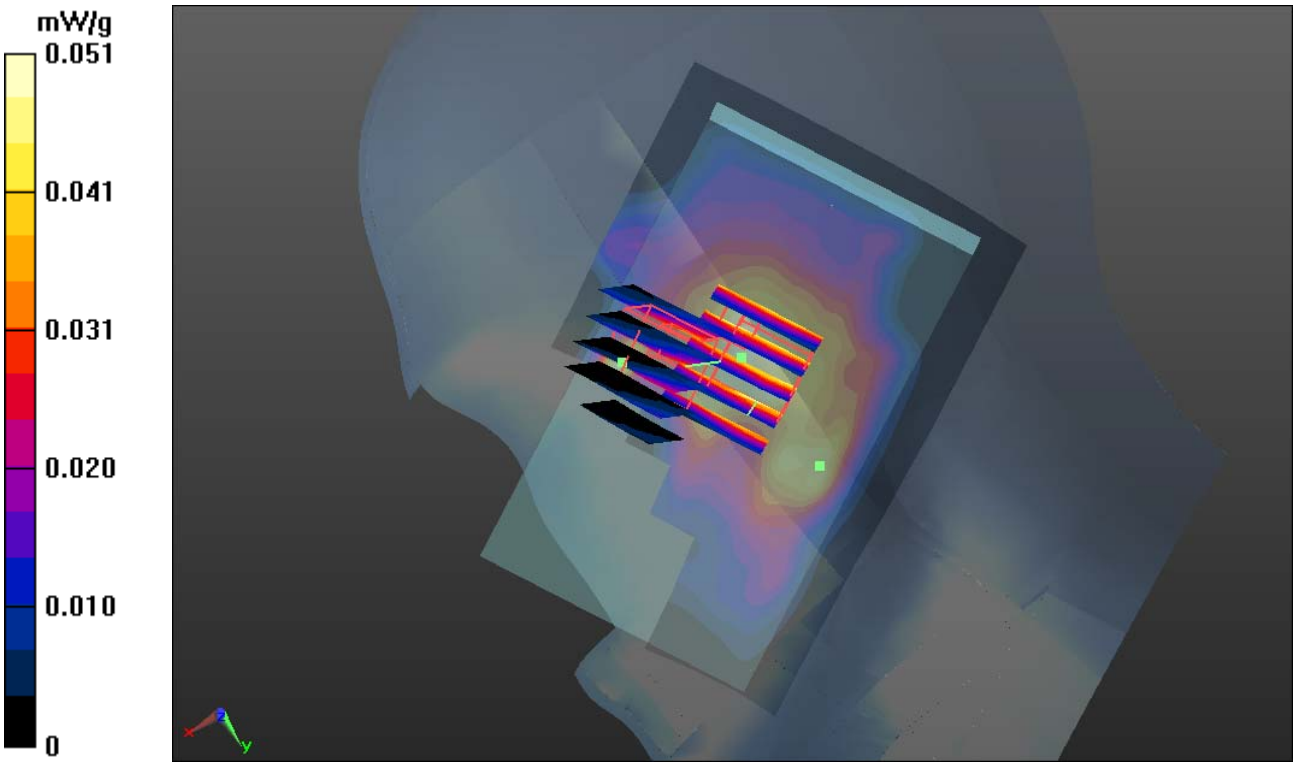
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_111219 Medium parameters used: f = 836.4 MHz; σ = 0.91 mho/m; ε_r = 41.635; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.051 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.902 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.069 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.054 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.902 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.037 mW/g


mW/g
0.051
0.041
0.031
0.020
0.010
0
y

#11 WCDMA V_RMC 12.2K_Left Cheek_Ch4182

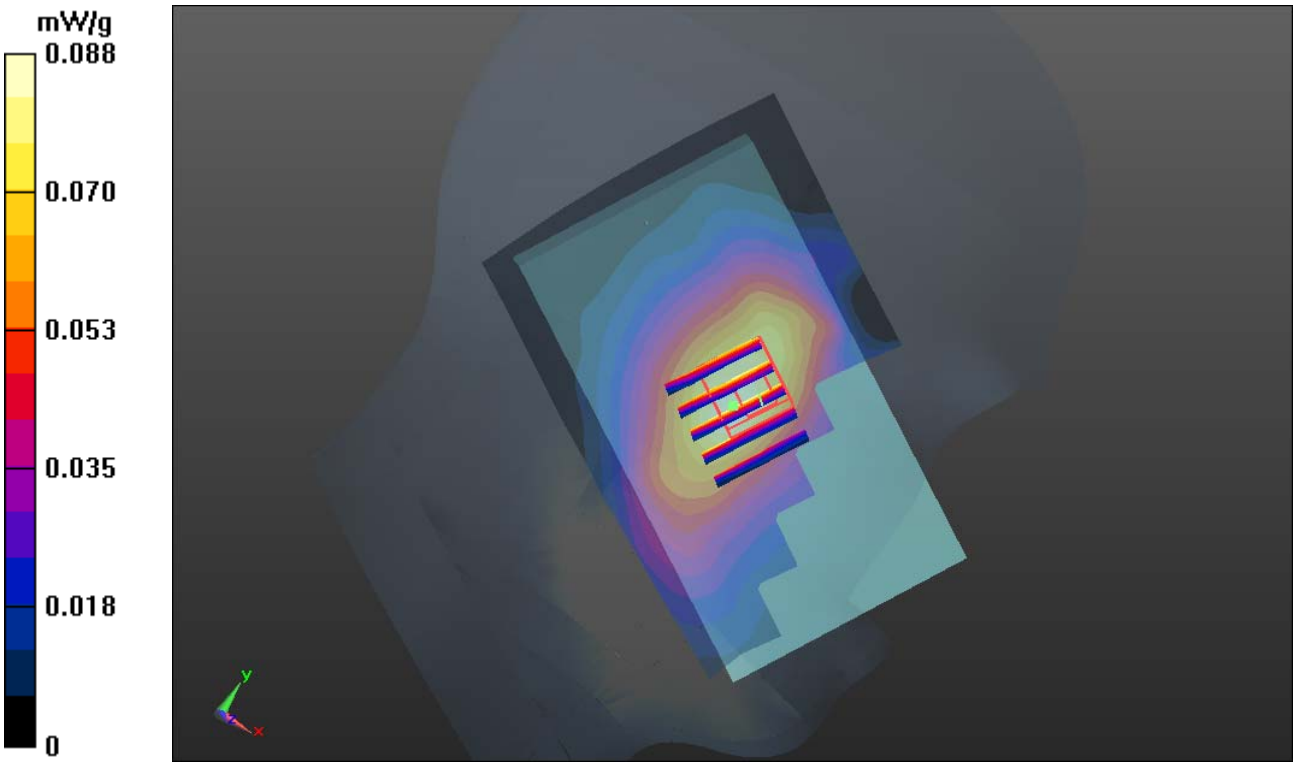
DUT: 1D0806

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_111219 Medium parameters used: f = 836.4 MHz; σ = 0.91 mho/m; ε_r = 41.635; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.088 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.954 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.091 mW/g


mW/g
0.088
0.070
0.053
0.035
0.018
0
y
x

#11 WCDMA V_RMC 12.2K_Left Cheek_Ch4182_2D

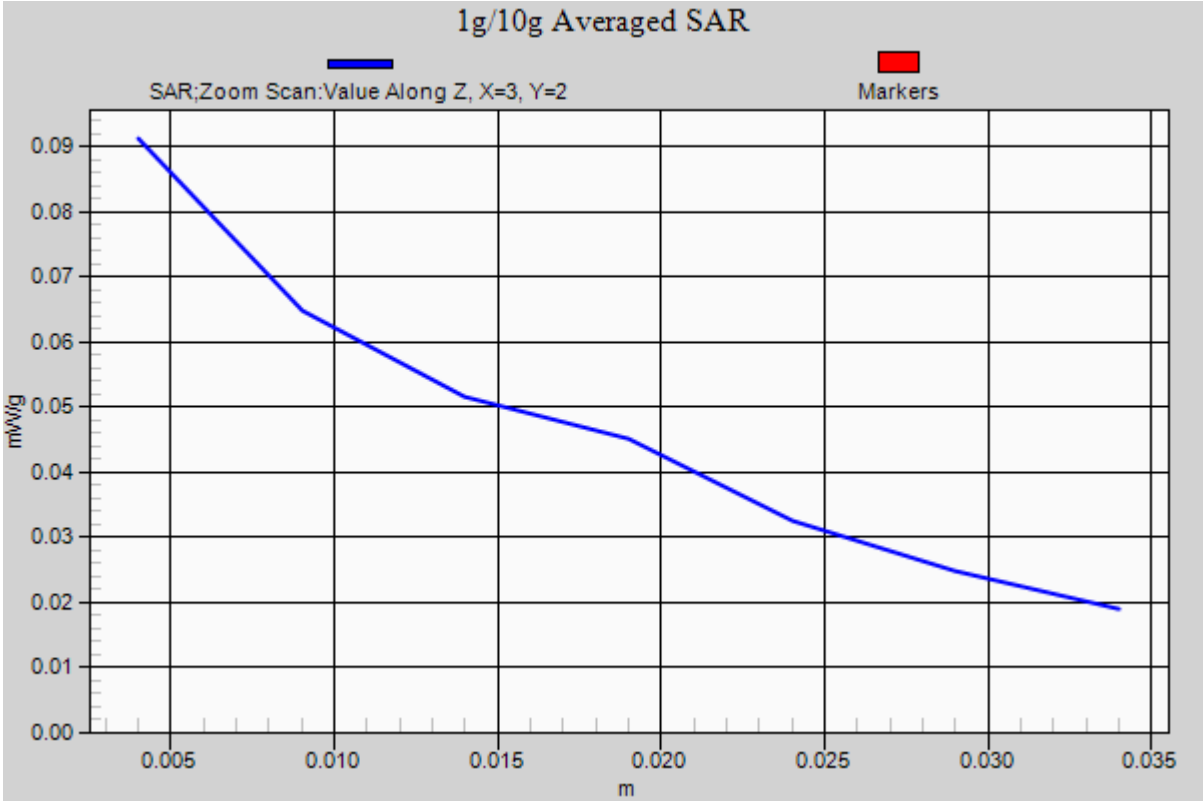
DUT: 1D0806

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_111219 Medium parameters used: f = 836.4 MHz; σ = 0.91 mho/m; ε_r = 41.635; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.088 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.954 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.091 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
mW/g
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#12 WCDMA V_RMC 12.2K_Left Tilted_Ch4182

DUT: 1D0806

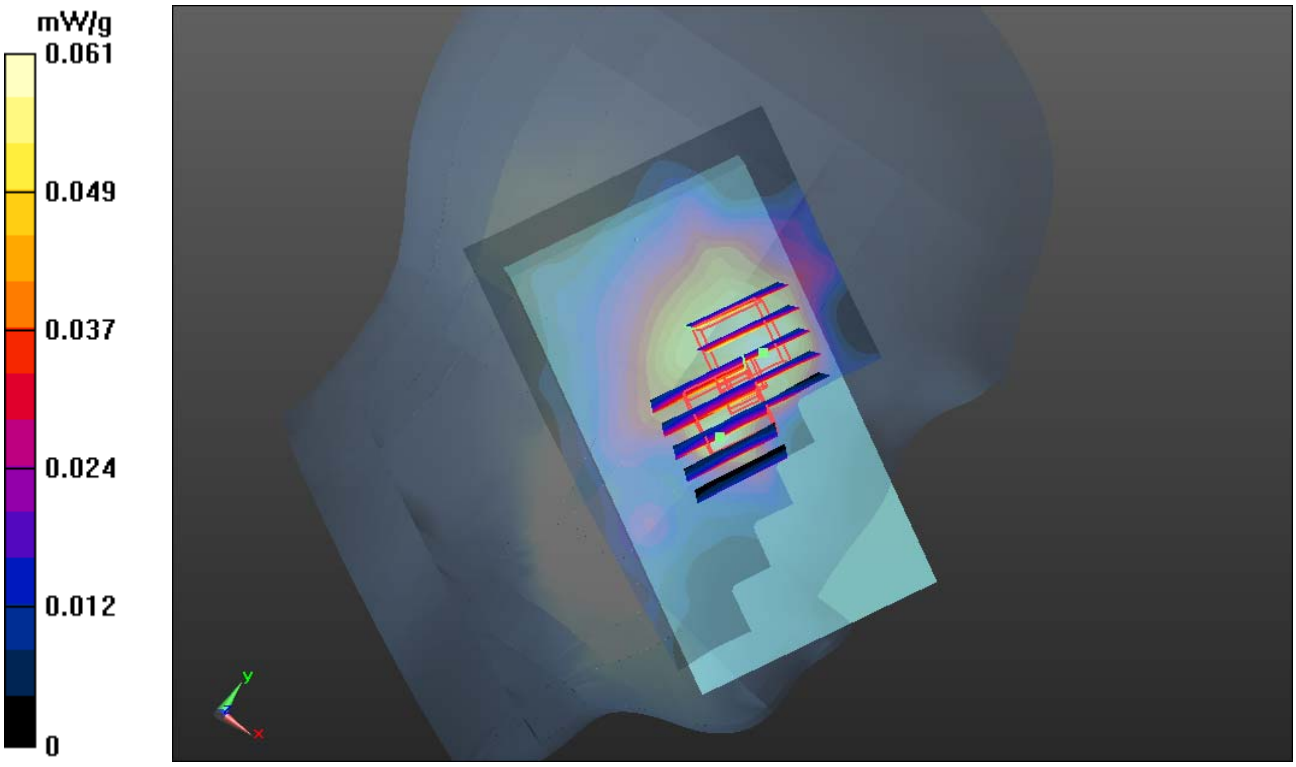
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_111219 Medium parameters used: f = 836.4 MHz; σ = 0.91 mho/m; ε_r = 41.635; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.061 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.394 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.067 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.394 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.093 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.057 mW/g


mW/g
0.061
0.049
0.037
0.024
0.012
0
y
x

#19 802.11b_Right Cheek_1M_20_Ch1

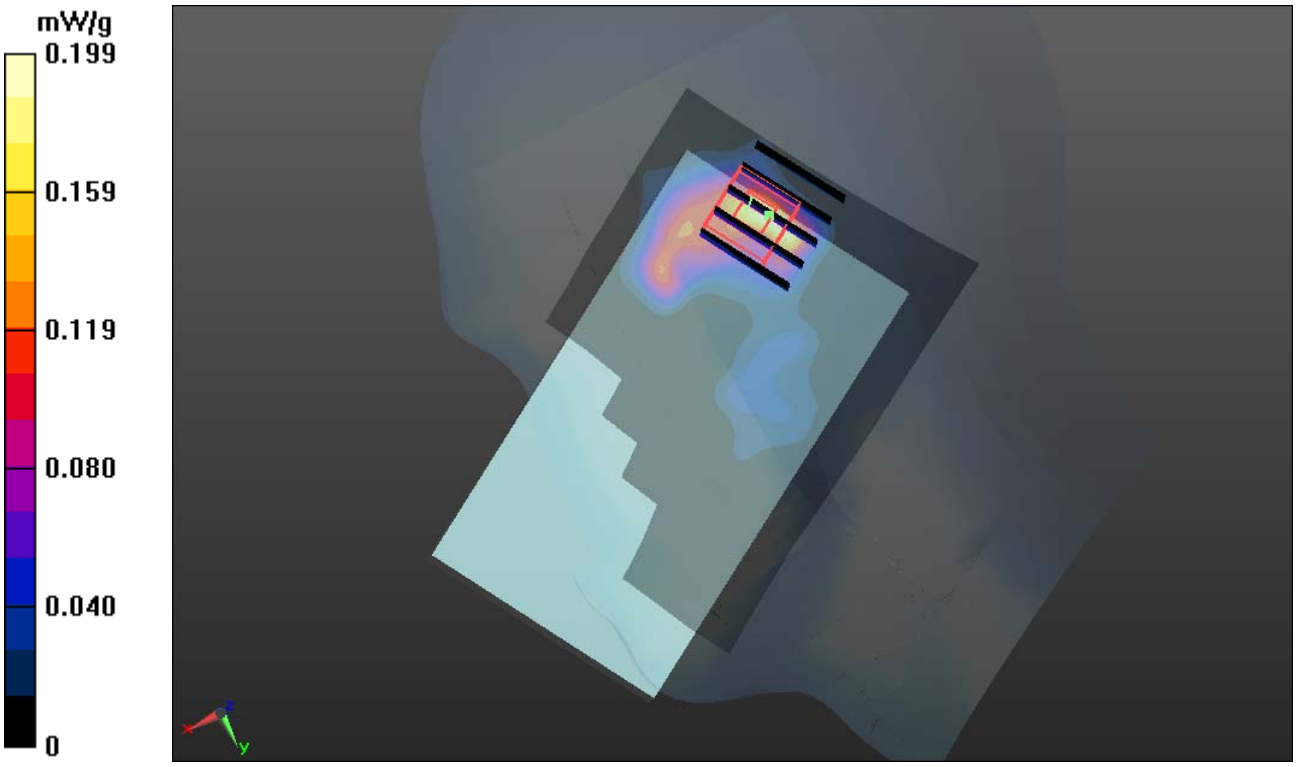
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_111226 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.488 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.125 mW/g


mW/g
0.199
0.159
0.119
0.080
0.040
0
x
y
z

#19 802.11b_Right Cheek_1M_20_Ch1_2D

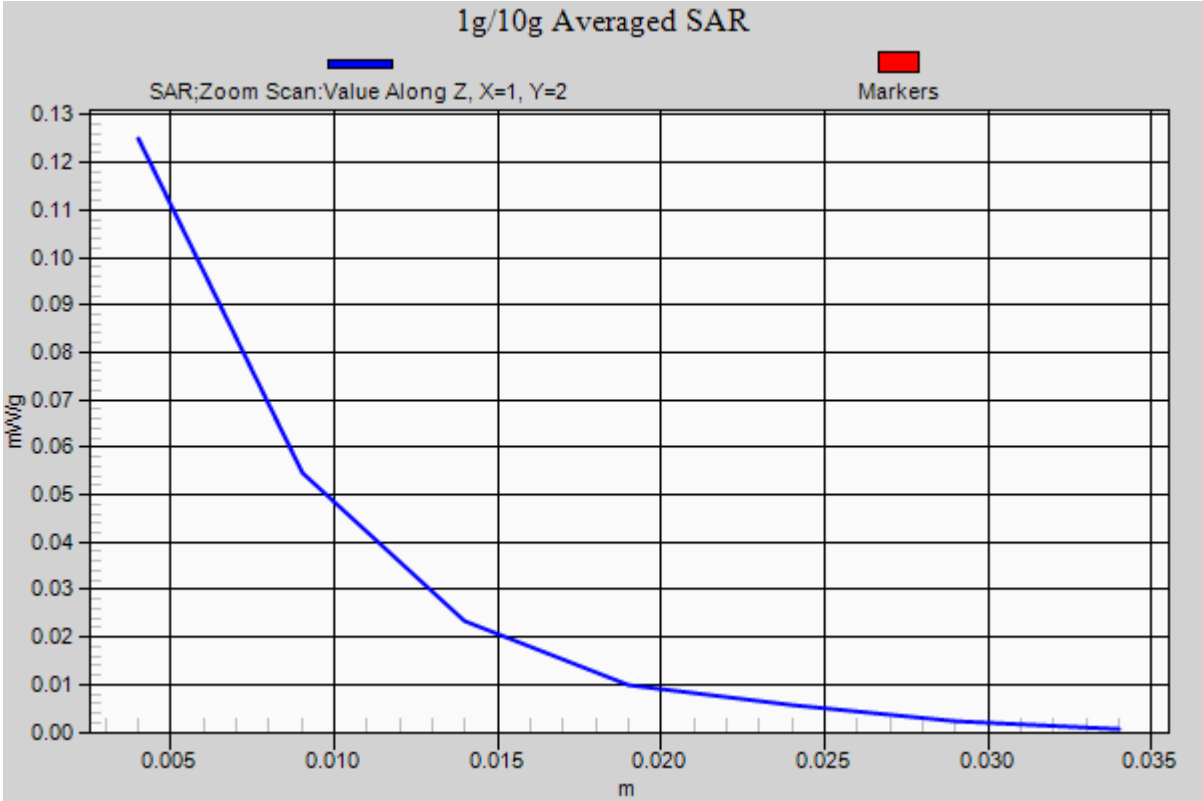
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_111226 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.488 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.125 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=2
Markers
mW/g
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#20 802.11b_Right Tilted_1M_20_Ch1

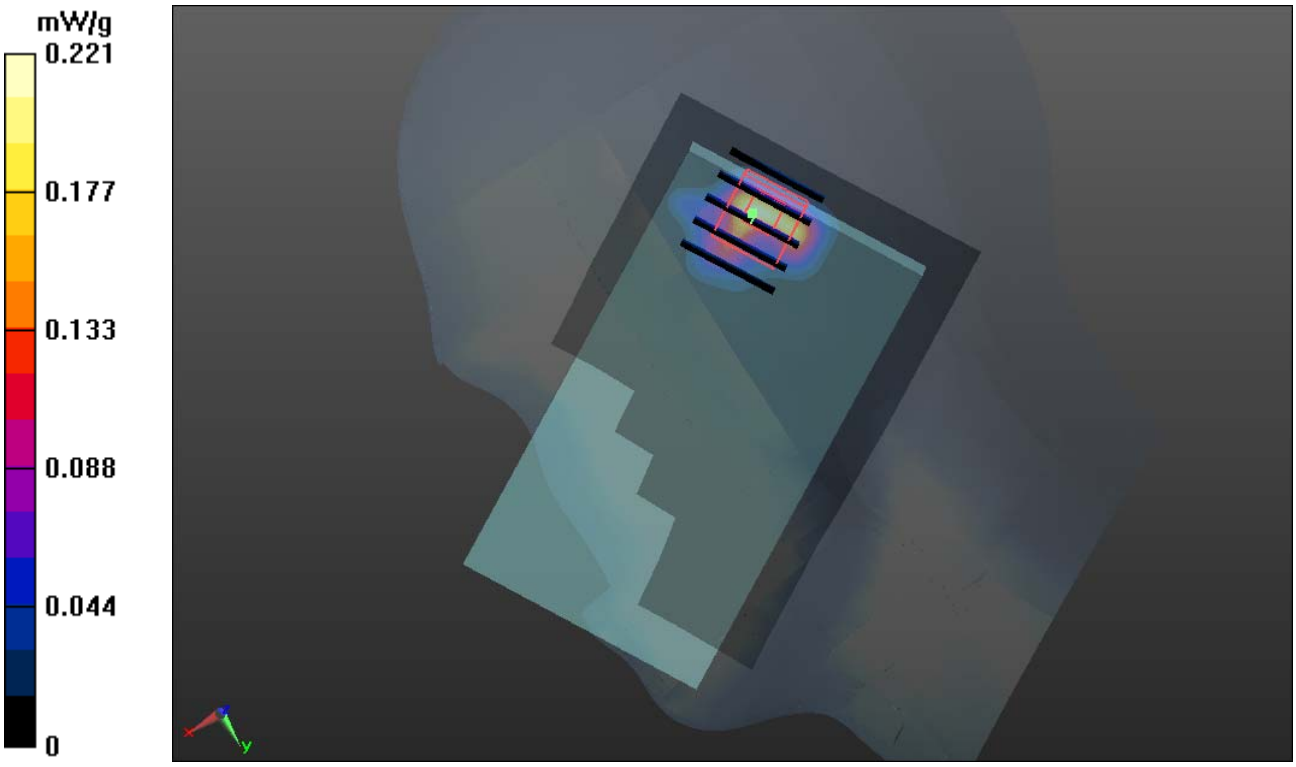
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_111226 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.221 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.766 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.115 mW/g


mW/g
0.221
0.177
0.133
0.088
0.044
0
x
y

#21 802.11b_Left Cheek_1M_20_Ch1

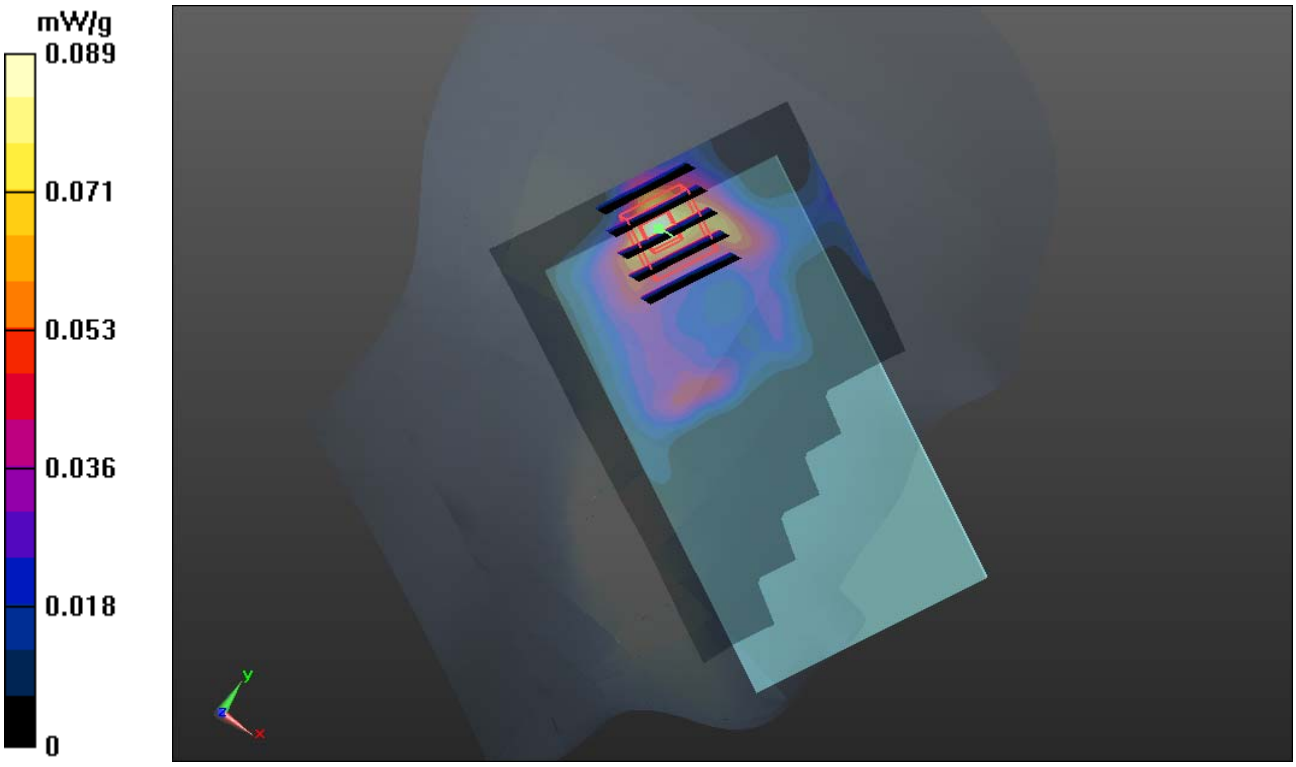
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_111226 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.258 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.080 mW/g


mW/g
0.089
0.071
0.053
0.036
0.018
0
y
z
x

#22 802.11b_Left Tilted_1M_20_Ch1

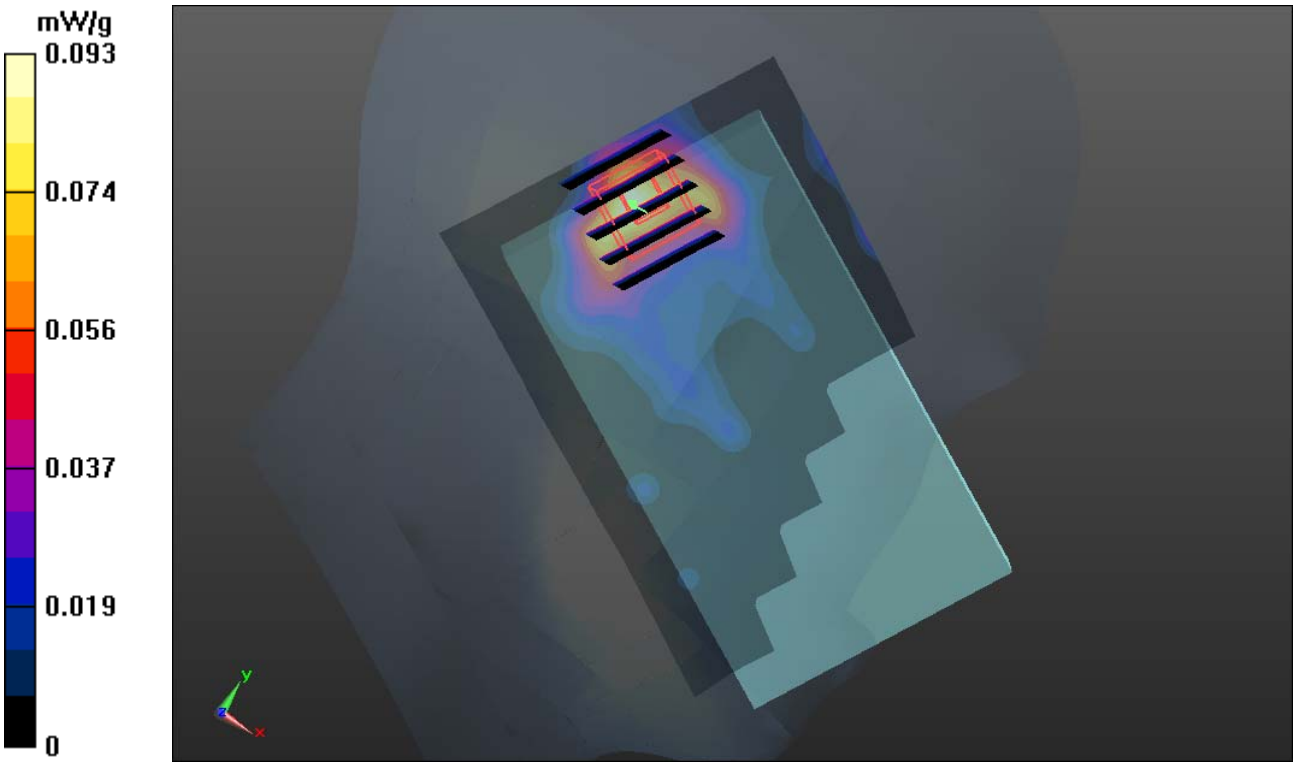
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_111226 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.093 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.614 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.078 mW/g


mW/g
0.093
0.074
0.056
0.037
0.019
0
y
x

#13 GSM850_GPRS 12_Front_1cm_Ch128

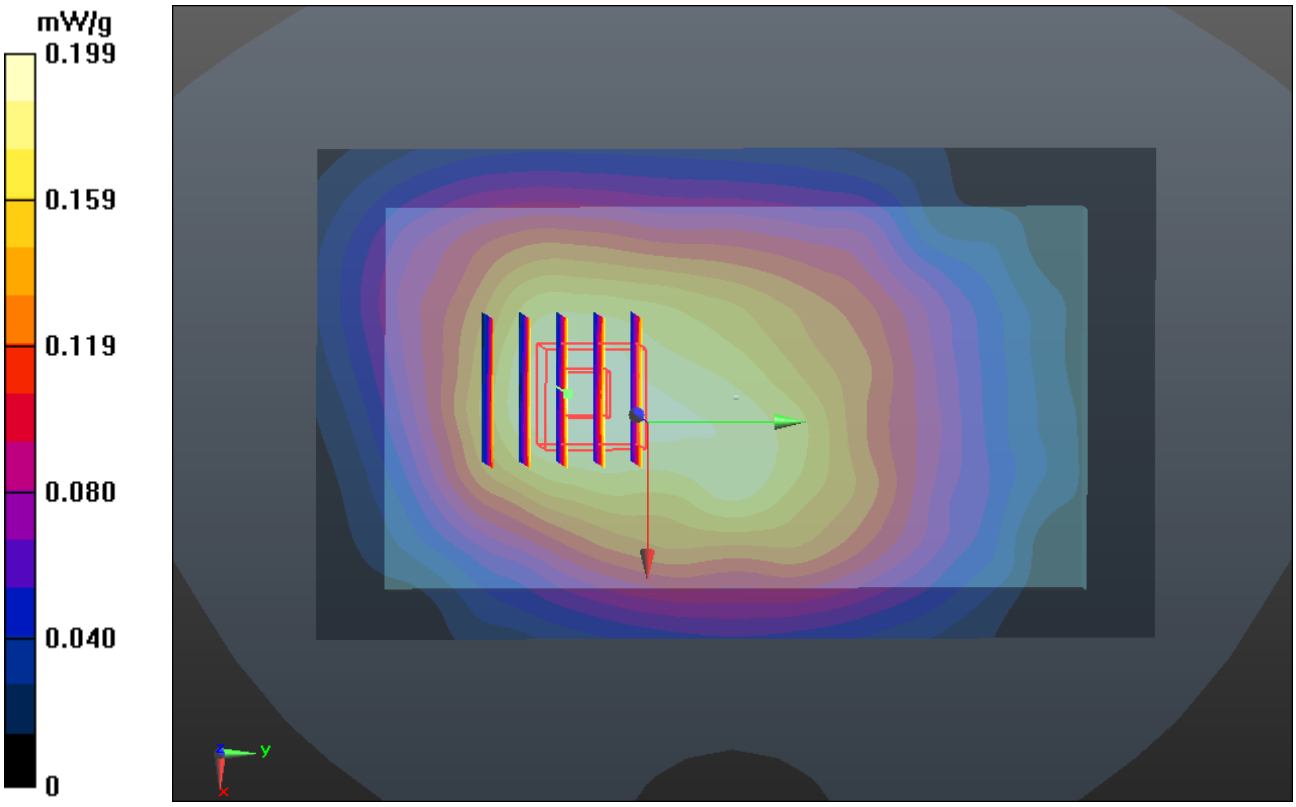
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.764 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.204 mW/g


mW/g
0.199
0.159
0.119
0.080
0.040
0
y
x

#14 GSM850_GPRS 12_Back_1cm_Ch128

DUT: 1D0806

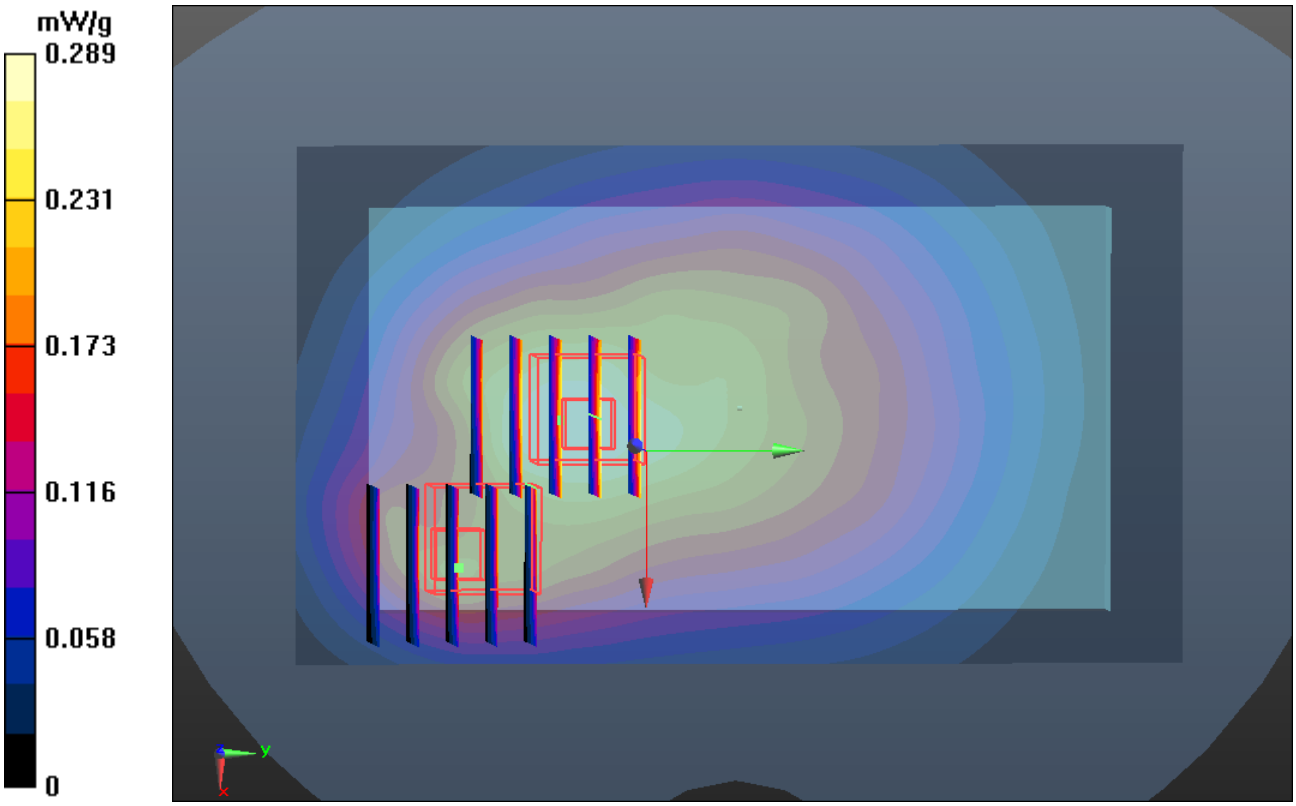
Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.289 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.318 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.277 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.318 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.243 mW/g


mW/g
0.289
0.231
0.173
0.116
0.058
0
y
x

#15 GSM850_GPRS 12_Left Side_1cm_Ch128

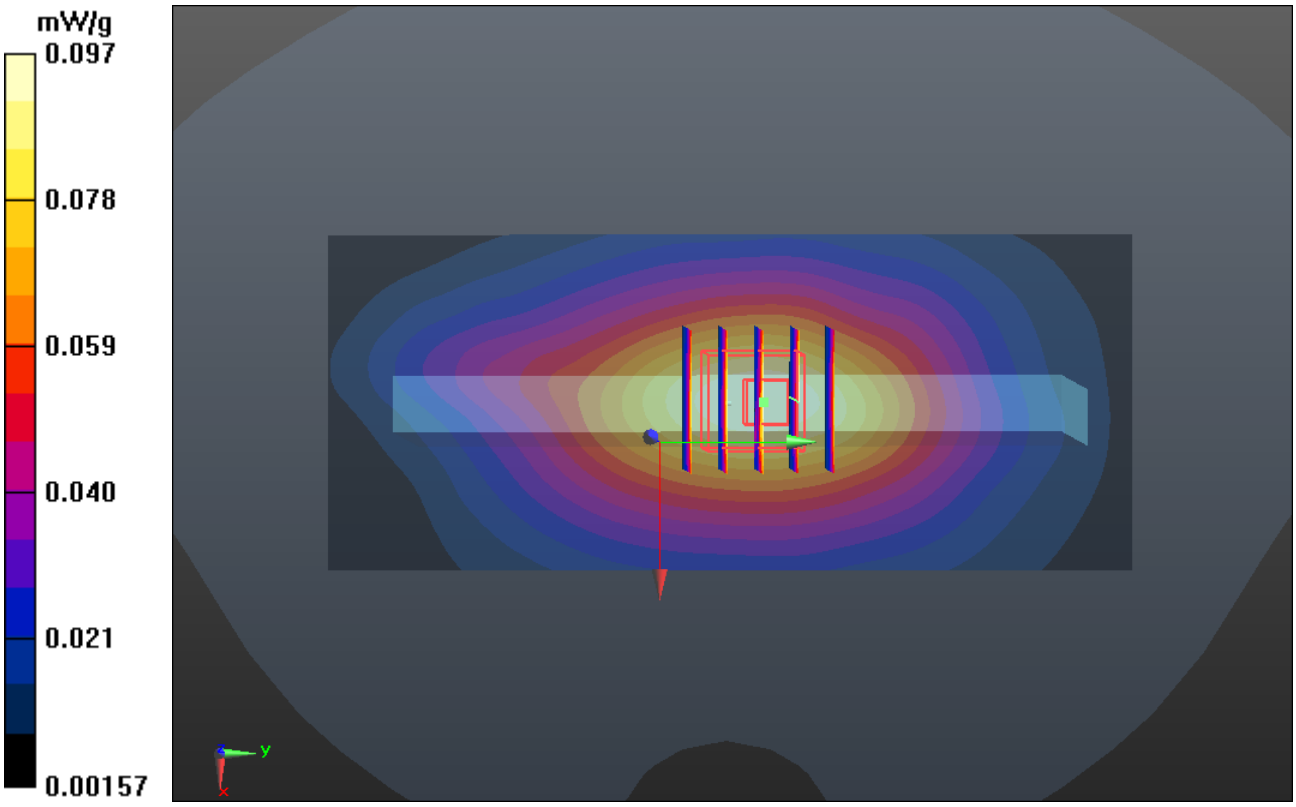
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.097 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.095 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.099 mW/g


mW/g
0.097
0.078
0.059
0.040
0.021
0.00157
y
x

#16 GSM850_GPRS 12_Right Side_1cm_Ch128

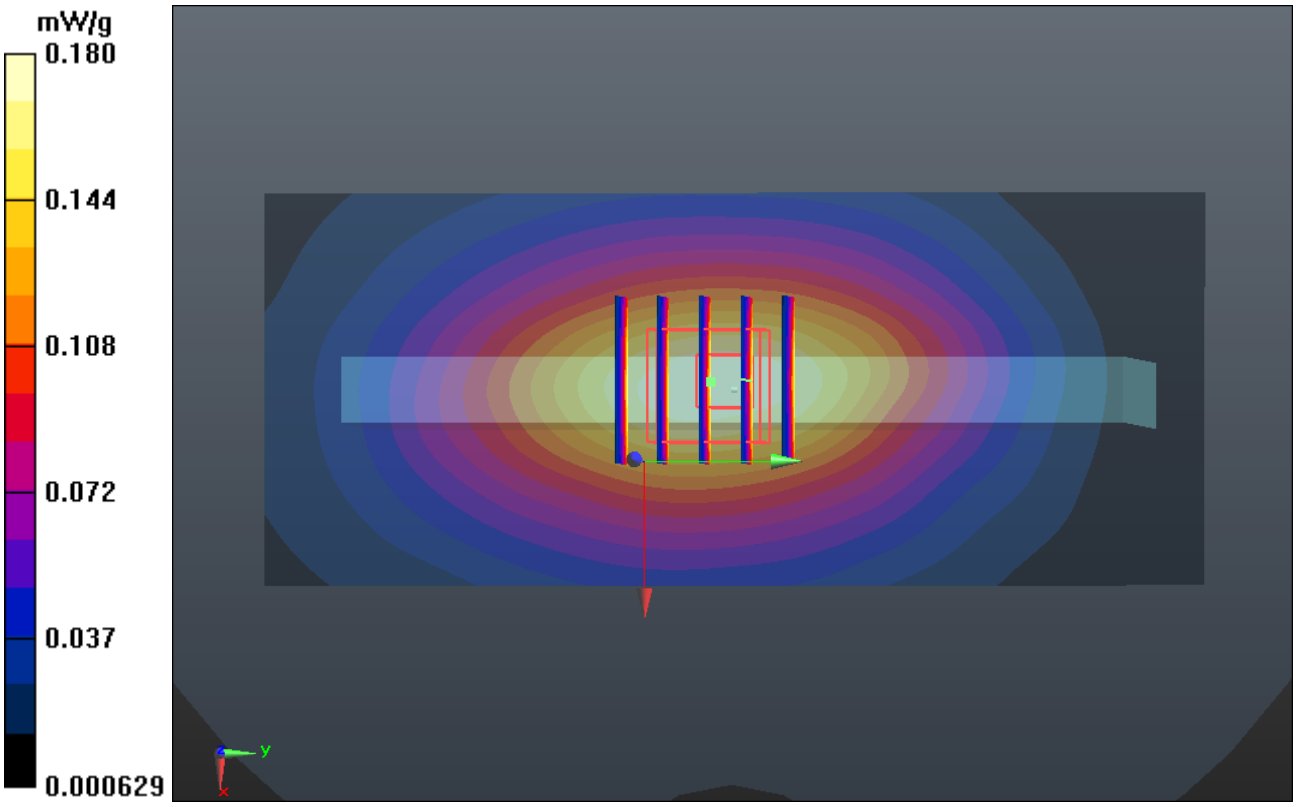
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.180 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.544 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.182 mW/g


mW/g
0.180
0.144
0.108
0.072
0.037
0.000629
y
x

#17 GSM850_GPRS 12_Bottom Side_1cm_Ch128

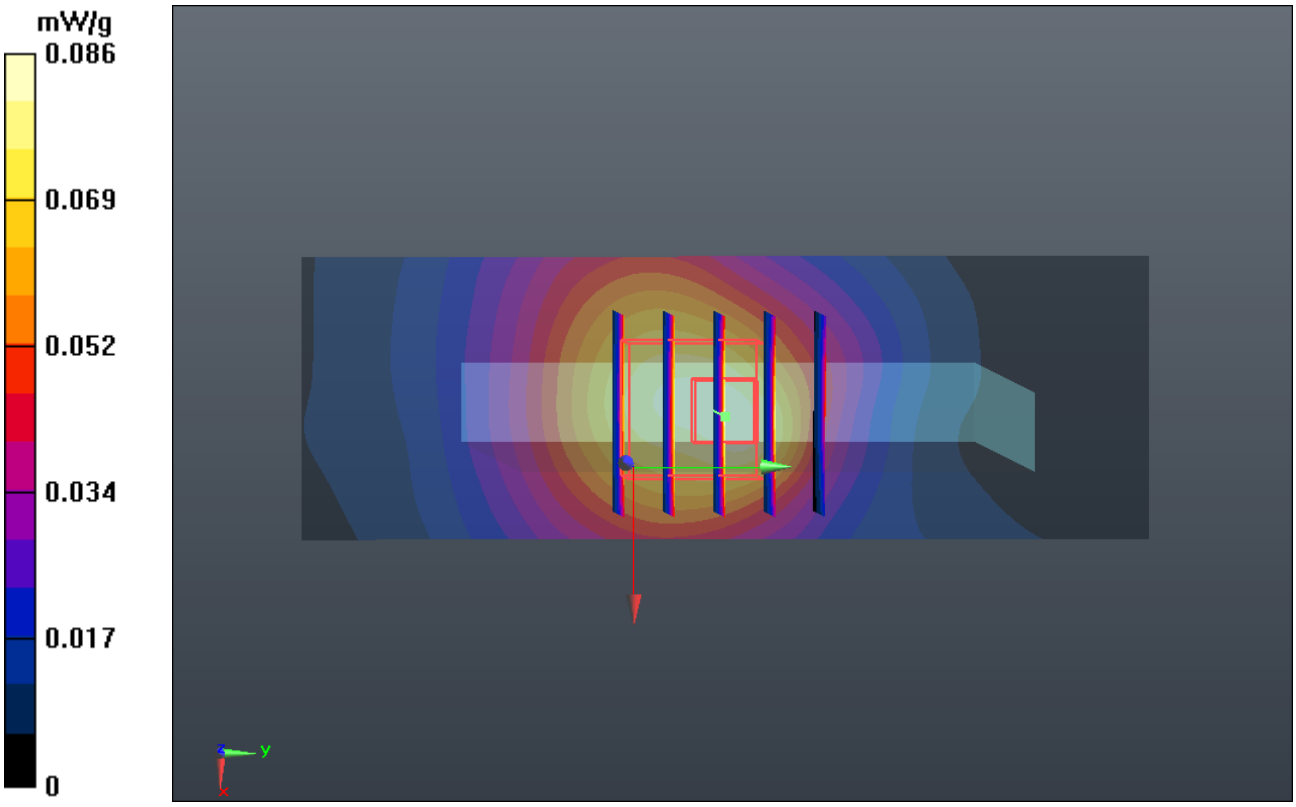
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.086 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.709 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.088 mW/g


mW/g
0.086
0.069
0.052
0.034
0.017
0
y

#18 GSM850_GPRS 12_Back_1cm_Ch128_Earphone

DUT: 1D0806

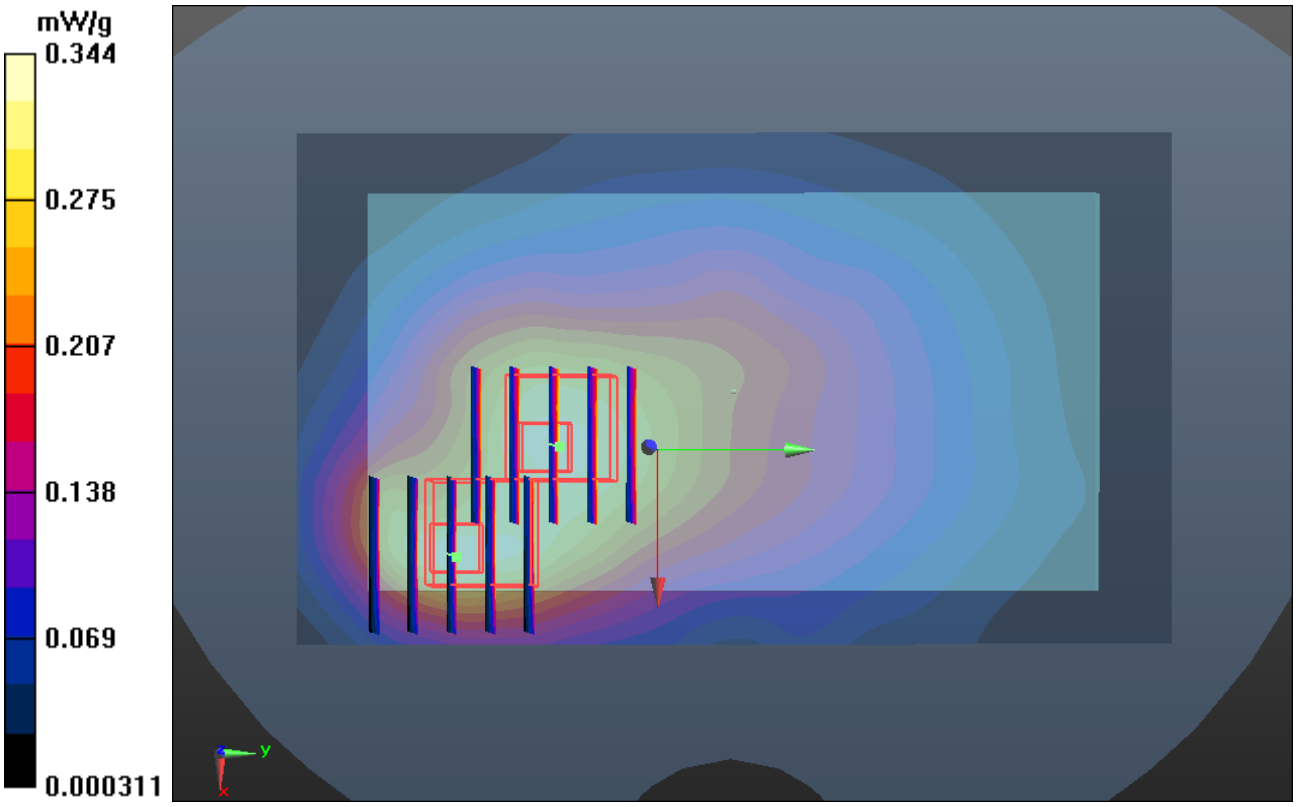
Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.594 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.299 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.594 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.305 mW/g


mW/g
0.344
0.275
0.207
0.138
0.069
0.000311
y
x

#18 GSM850_GPRS 12_Back_1cm_Ch128_Earphone_2D

DUT: 1D0806

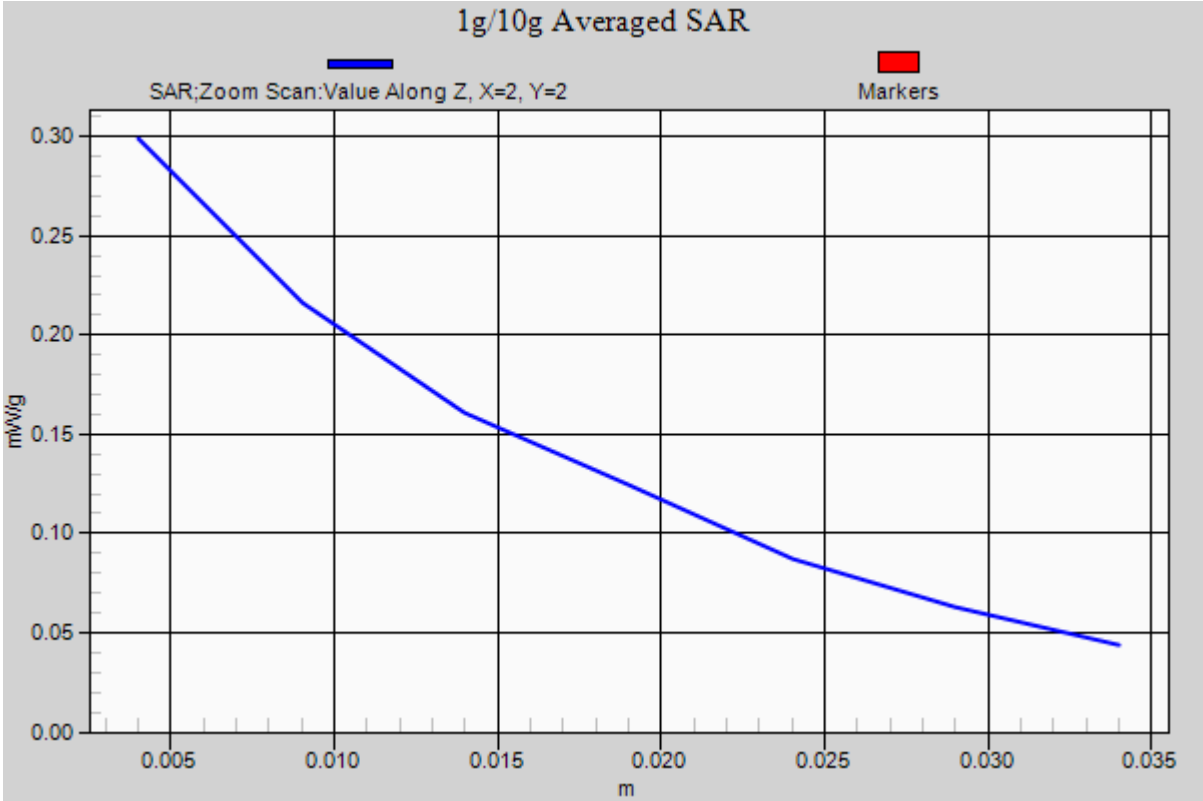
Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.594 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.299 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.594 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.305 mW/g


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

#23 GSM1900_GPRS 12_Front_1cm_Ch512

DUT: 1D0806

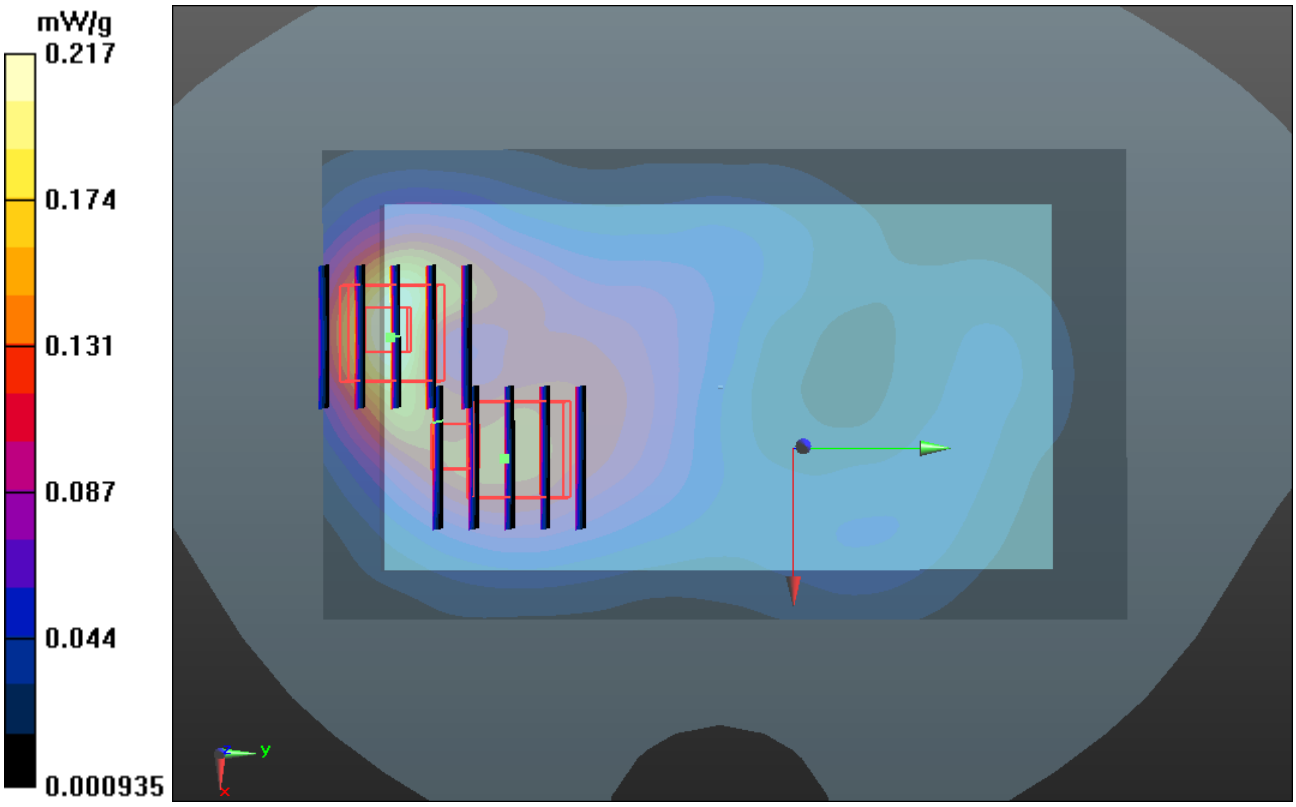
Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.217 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.084 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.226 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.084 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.149 mW/g


mW/g
0.217
0.174
0.131
0.087
0.044
0.000935
y

#24 GSM1900_GPRS 12_Back_1cm_Ch512

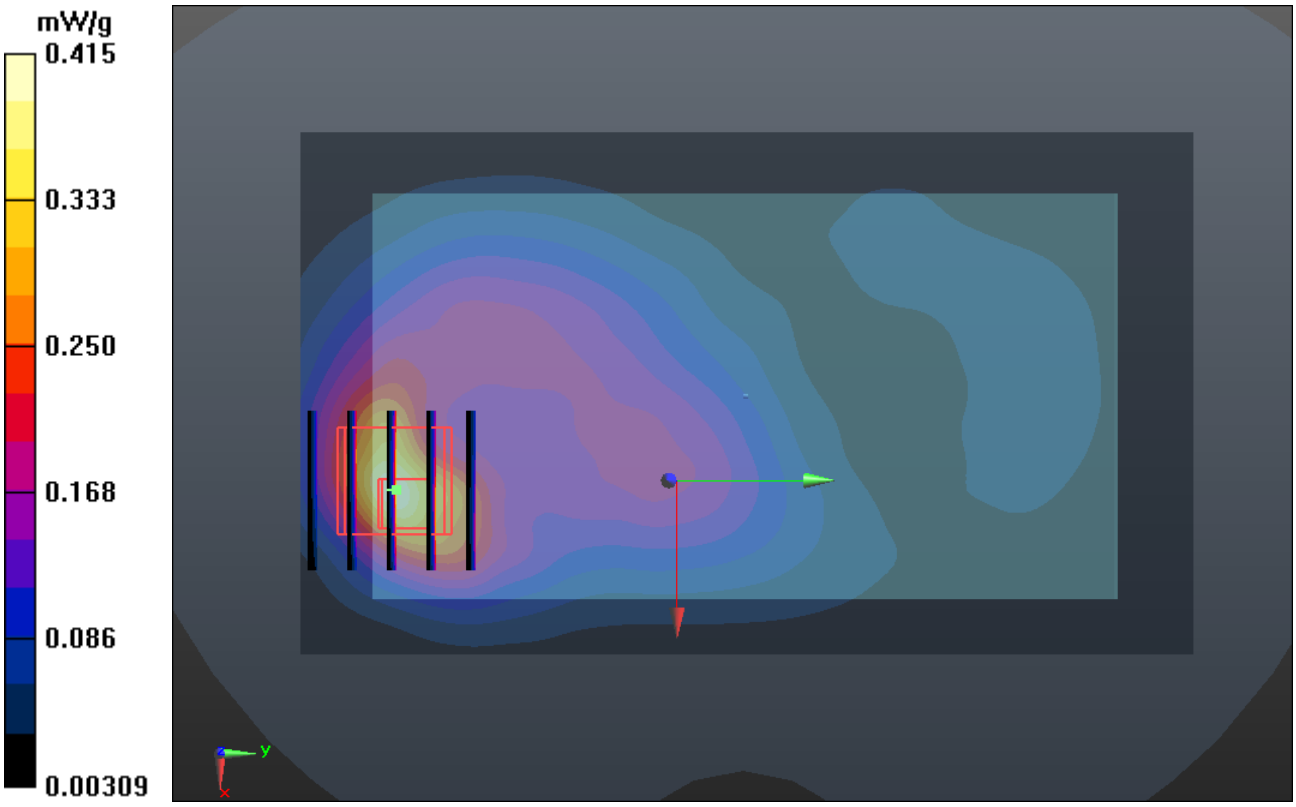
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.415 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.896 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.374 W/kg
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.404 mW/g


mW/g
0.415
0.333
0.250
0.168
0.086
0.00309
y
x

#24 GSM1900_GPRS 12_Back_1cm_Ch512_2D

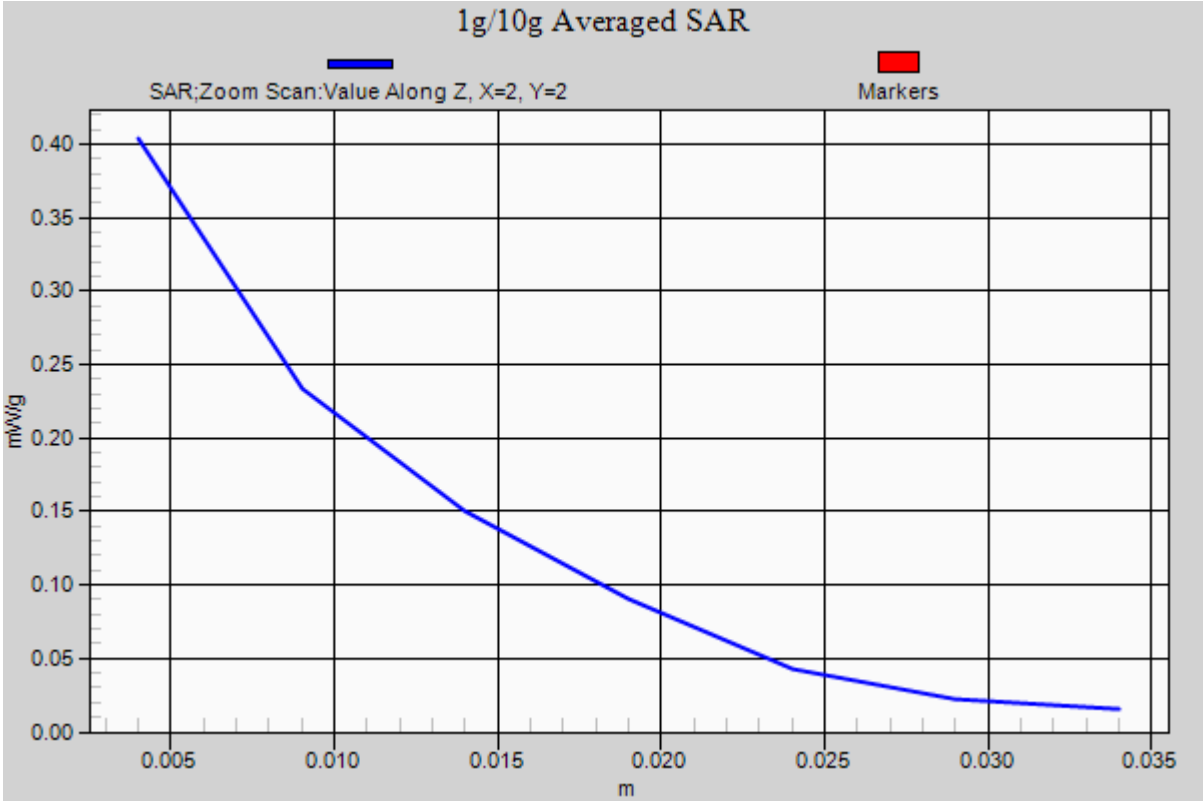
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.415 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.896 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.374 W/kg
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.404 mW/g


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

#25 GSM1900_GPRS 12_Left Side_1cm_Ch512

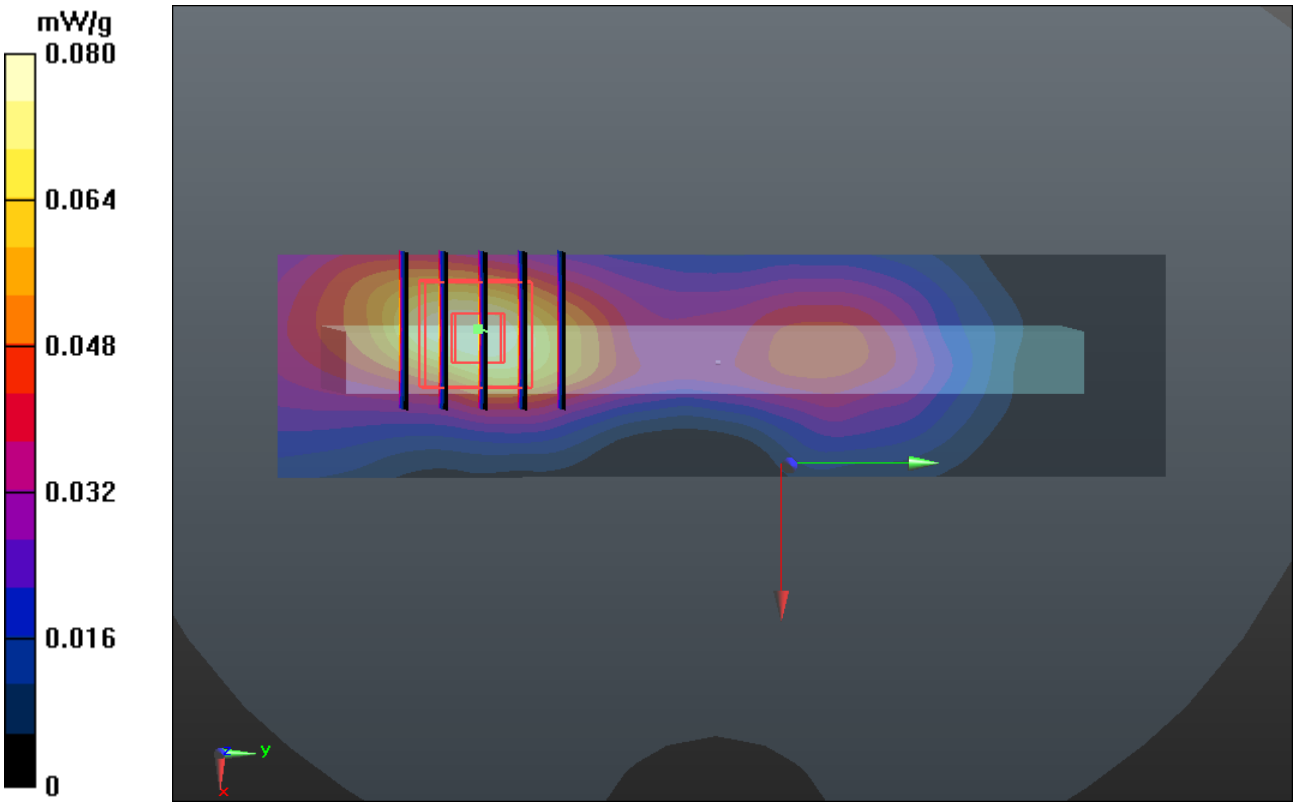
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.080 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.487 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.085 mW/g


mW/g
0.080
0.064
0.048
0.032
0.016
0
y
x

#26 GSM1900_GPRS 12_Right Side_1cm_Ch512

DUT: 1D0806

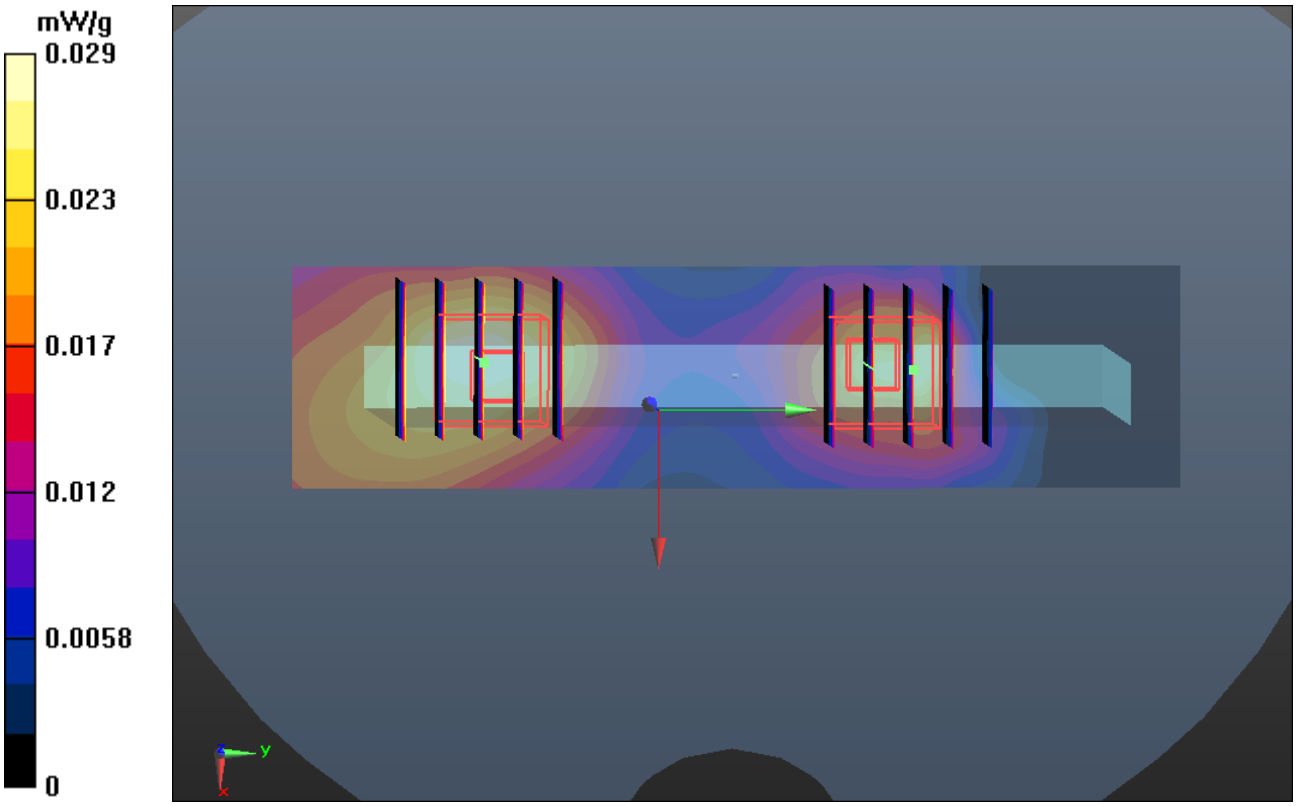
Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.029 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.573 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.025 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.573 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.083 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.031 mW/g


mW/g
0.029
0.023
0.017
0.012
0.0058
0
y
x

#27 GSM1900_GPRS 12_Bottom Side_1cm_Ch512

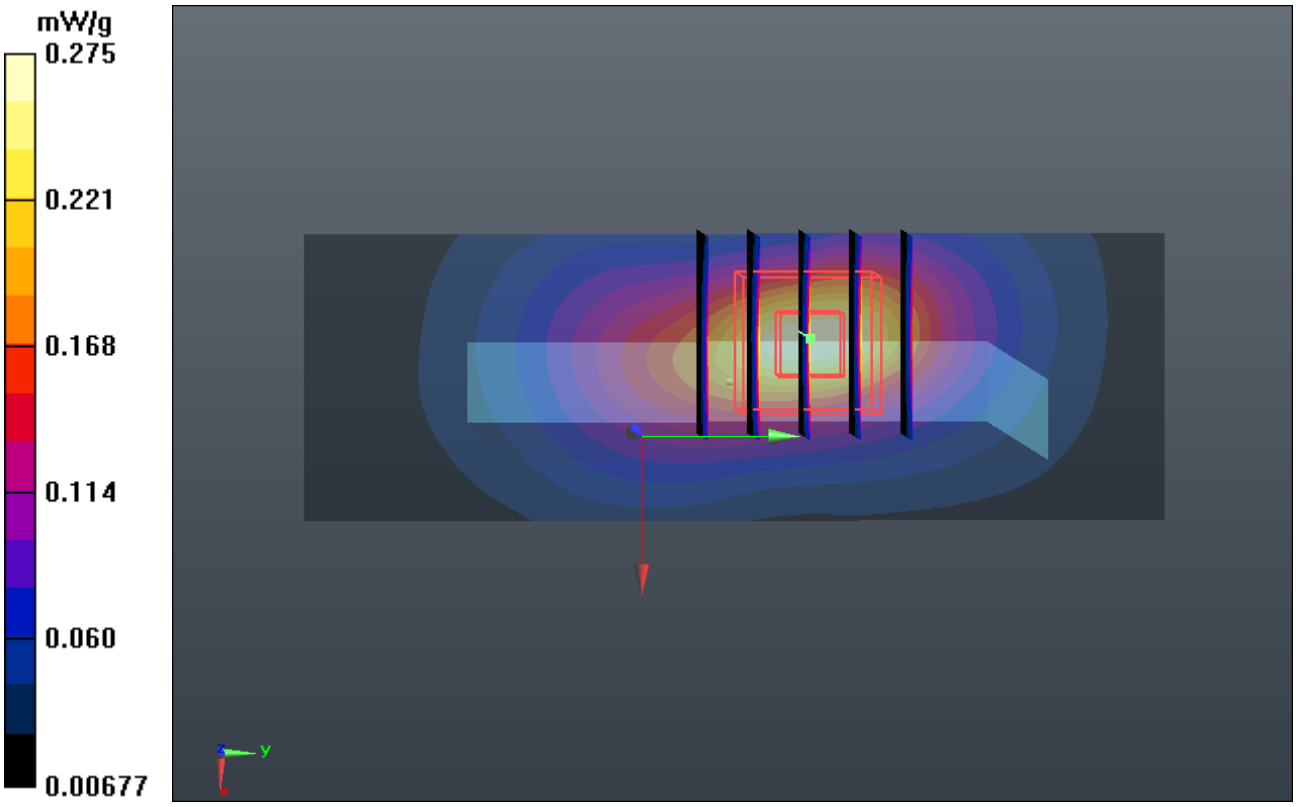
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.275 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.927 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.304 mW/g


mW/g
0.275
0.221
0.168
0.114
0.060
0.00677
y

#28 GSM1900_GPRS 12_Back_1cm_Ch512_Earphone

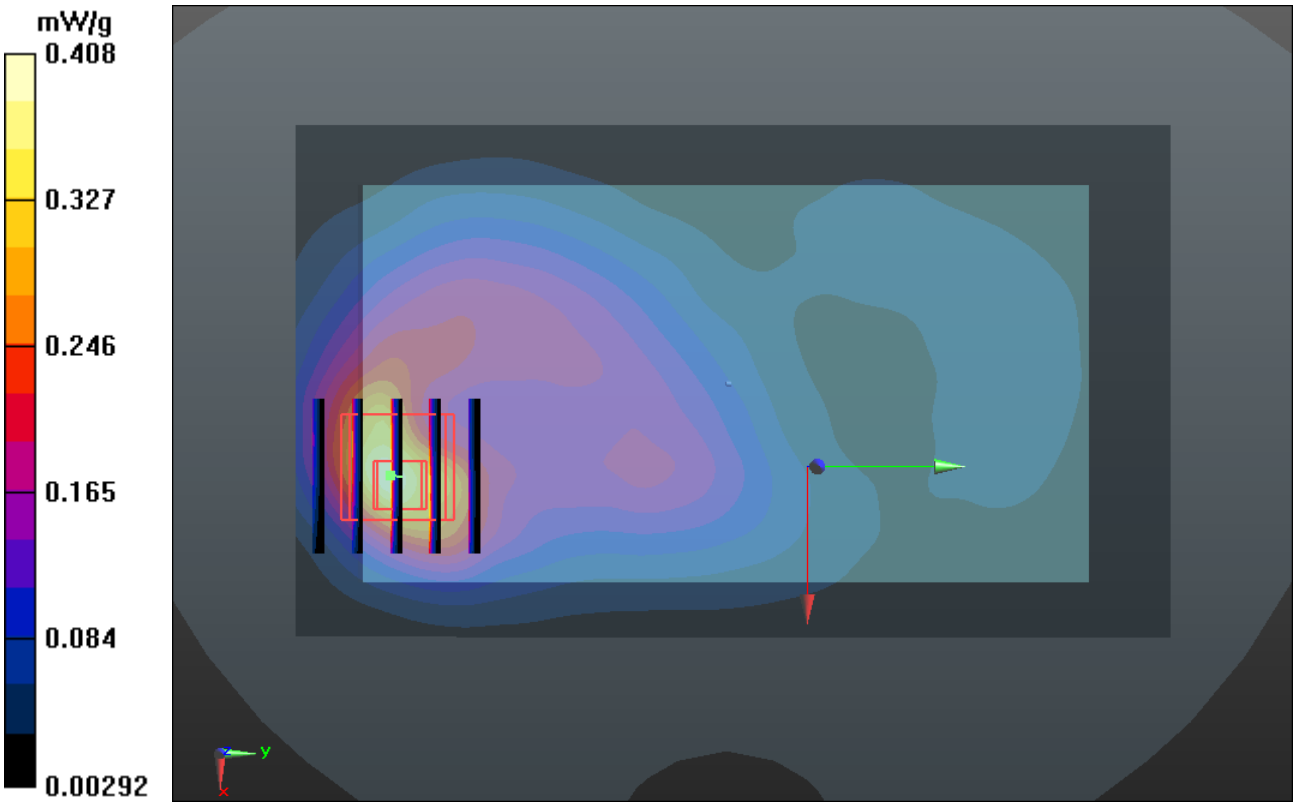
DUT: 1D0806

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1850.2 MHz; σ = 1.455 mho/m; ε_r = 54.031; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.408 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.844 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.397 mW/g


mW/g
0.408
0.327
0.246
0.165
0.084
0.00292
y
x

#29 WCDMA V_RMC 12.2K_Front_1cm_Ch4182

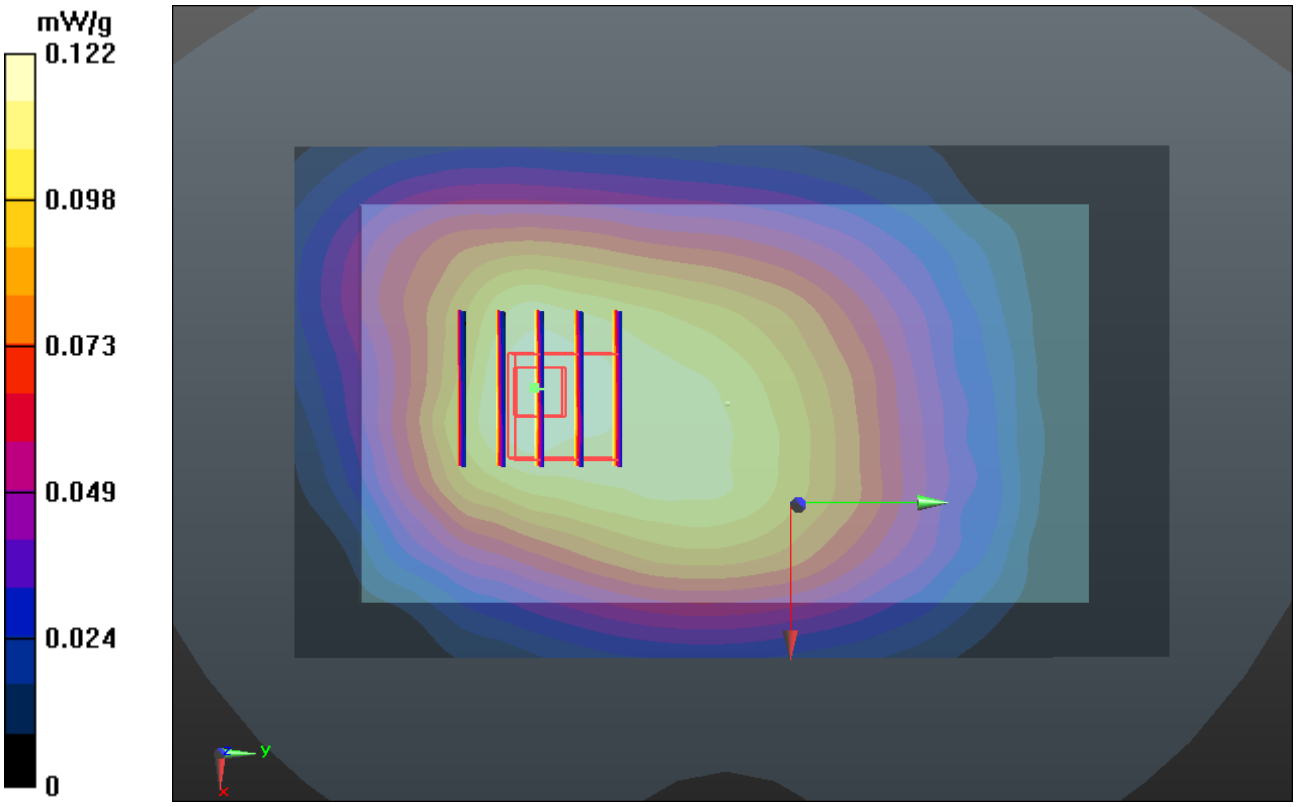
DUT: 1D0806

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.122 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.556 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.125 mW/g


mW/g
0.122
0.098
0.073
0.049
0.024
0
y
x

#30 WCDMA V_RMC 12.2K_Back_1cm_Ch4182

DUT: 1D0806

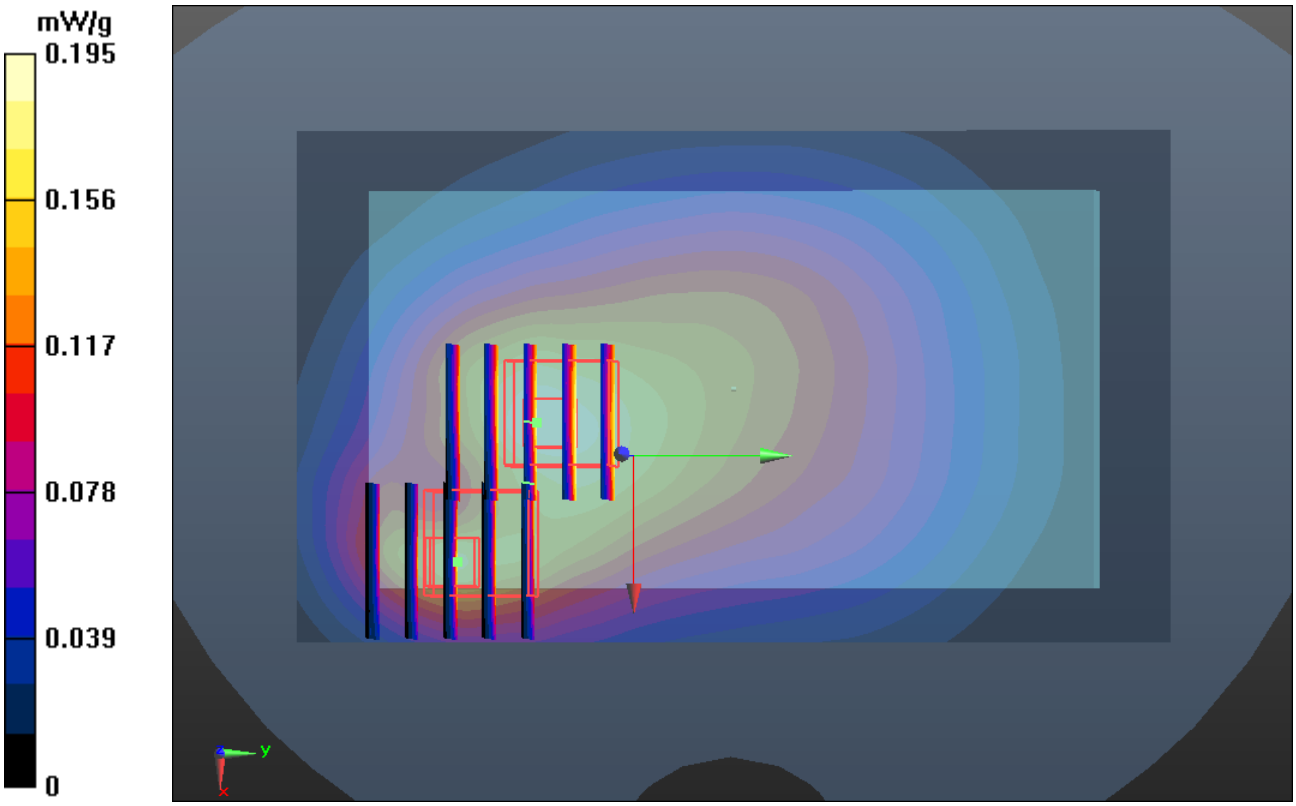
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.923 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.194 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.923 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.169 mW/g


mW/g
0.195
0.156
0.117
0.078
0.039
0
y
x

#31 WCDMA V_RMC 12.2K_Left Side_1cm_Ch4182

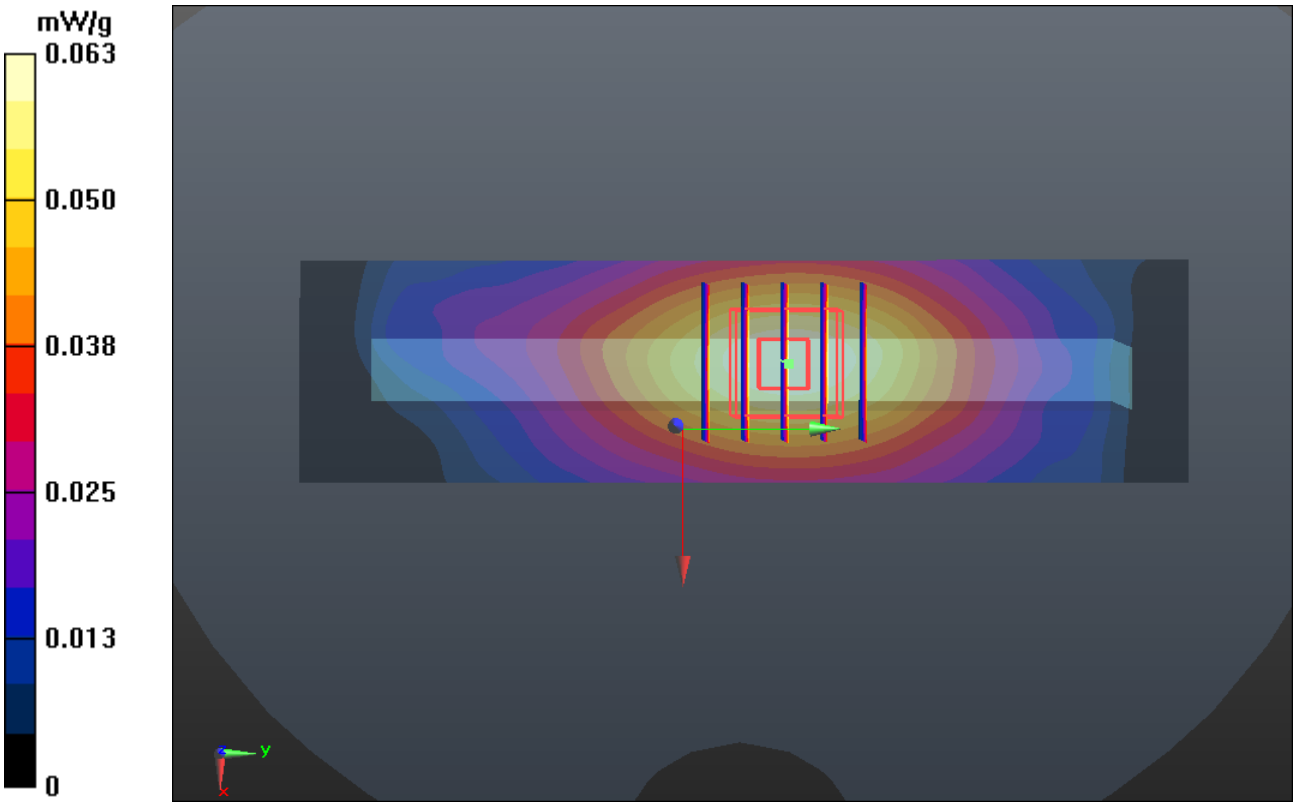
DUT: 1D0806

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.916 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.065 mW/g


mW/g
0.063
0.050
0.038
0.025
0.013
0
y
x

#32 WCDMA V_RMC 12.2K_Right Side_1cm_Ch4182

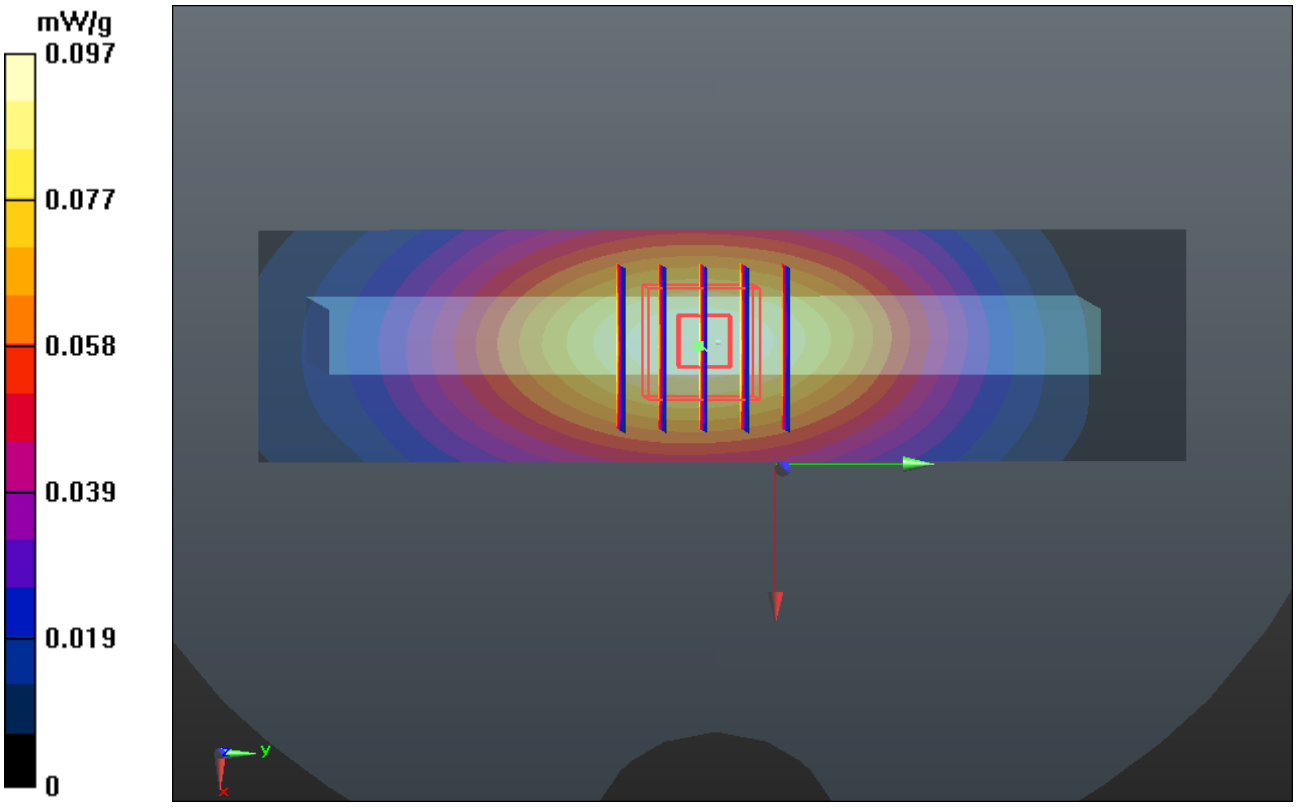
DUT: 1D0806

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.097 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.971 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.096 mW/g


mW/g
0.097
0.077
0.058
0.039
0.019
0
y
x

#33 WCDMA V_RMC 12.2K_Bottom Side_1cm_Ch4182

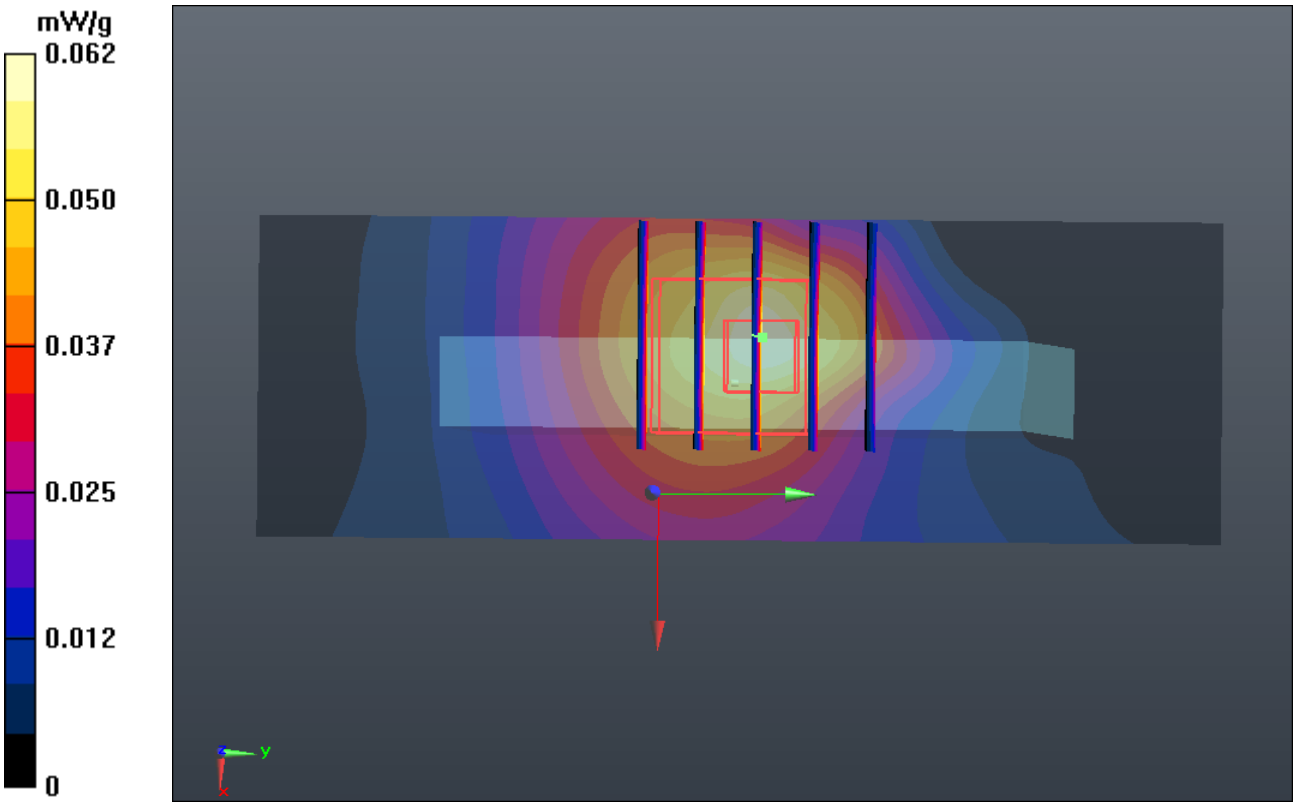
DUT: 1D0806

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.059 mW/g


mW/g
0.062
0.050
0.037
0.025
0.012
0
y

#34 WCDMA V_RMC 12.2K_Back_1cm_Ch4182_Earphone

DUT: 1D0806

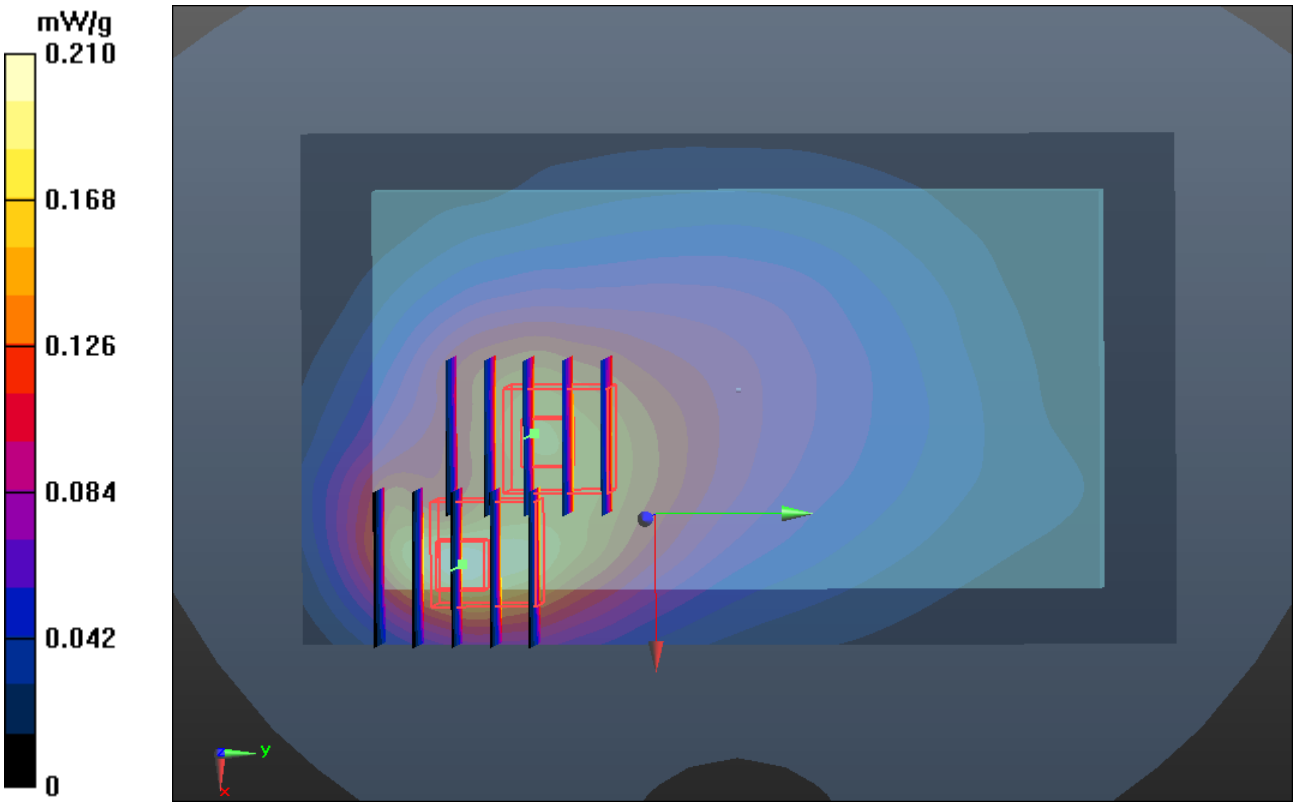
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.684 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.204 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.684 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.170 mW/g


mW/g
0.210
0.168
0.126
0.084
0.042
0
y
x

#34 WCDMA V_RMC 12.2K_Back_1cm_Ch4182_Earphone_2D

DUT: 1D0806

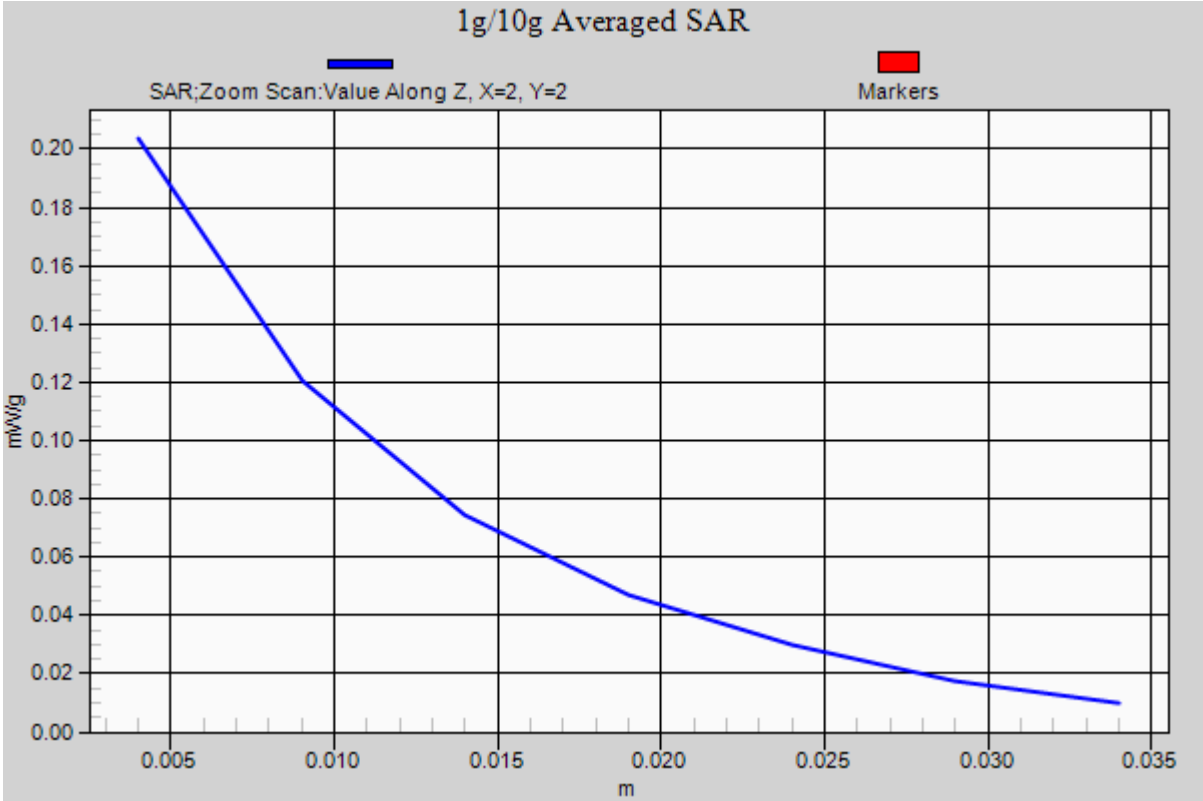
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_111231 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.684 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.204 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.684 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.170 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#35 802.11b_Front_1cm_1M_20_Ch1

DUT: 1D0806

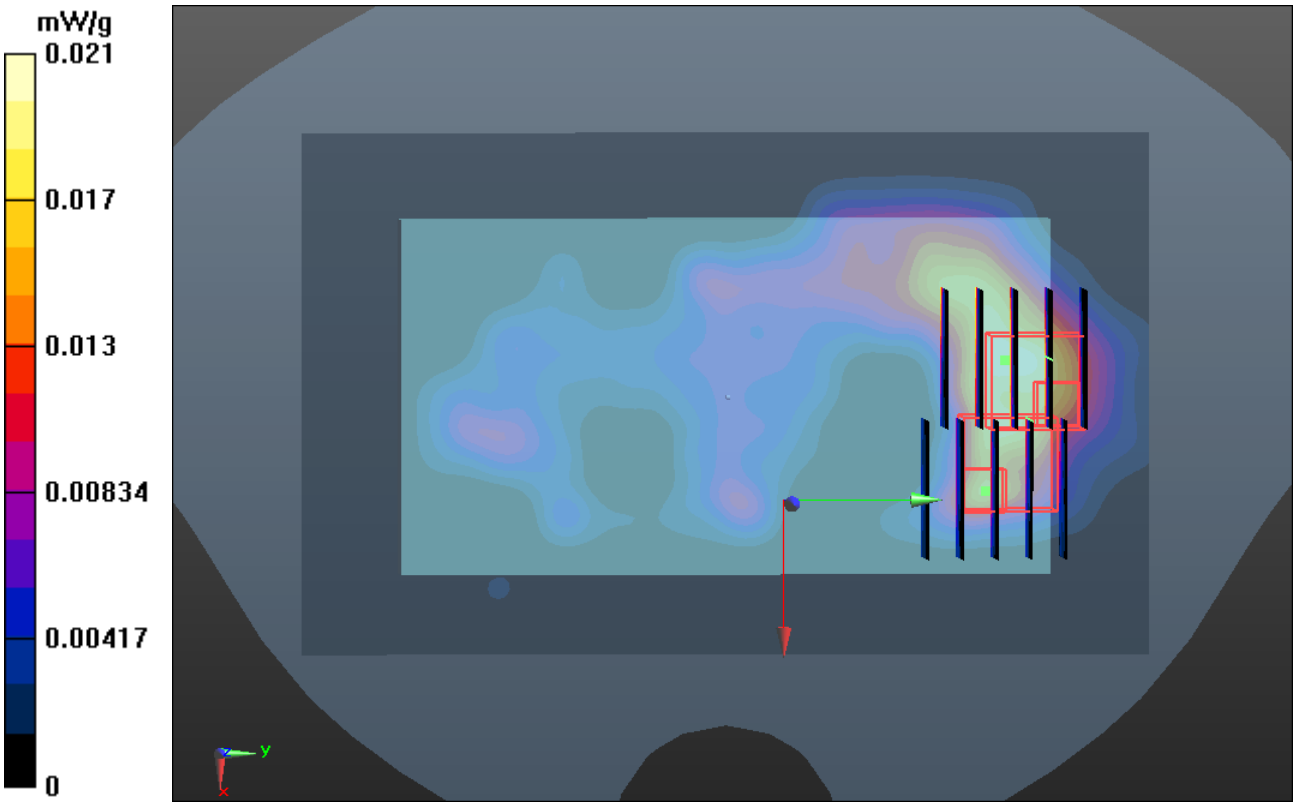
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.021 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.579 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00524 mW/g
Maximum value of SAR (measured) = 0.021 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.579 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.028 W/kg
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00686 mW/g
Maximum value of SAR (measured) = 0.018 mW/g


mW/g
0.021
0.017
0.013
0.00834
0.00417
0
y
x

#36 802.11b_Back_1cm_1M_20_Ch1

DUT: 1D0806

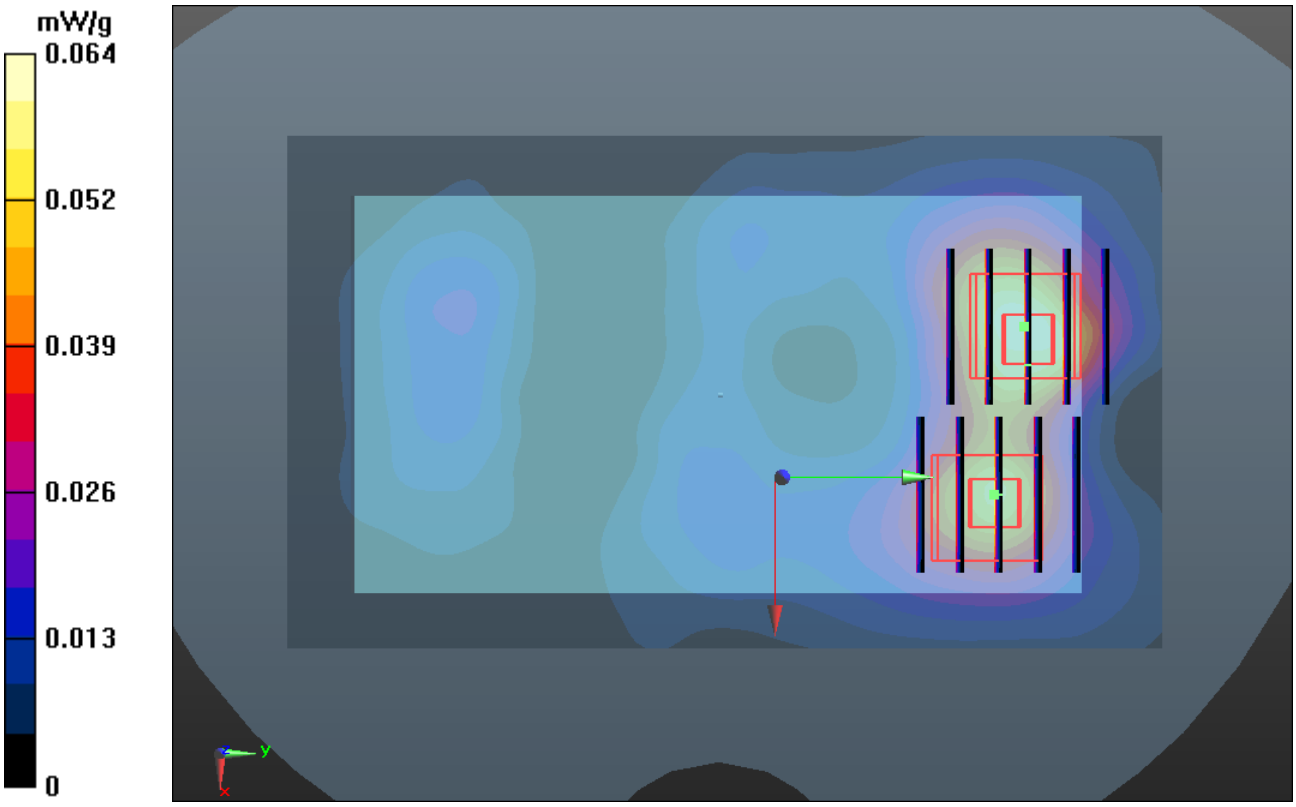
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.064 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.953 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.063 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.953 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.058 mW/g


mW/g
0.064
0.052
0.039
0.026
0.013
0
y

#36 802.11b_Back_1cm_1M_20_Ch1_2D

DUT: 1D0806

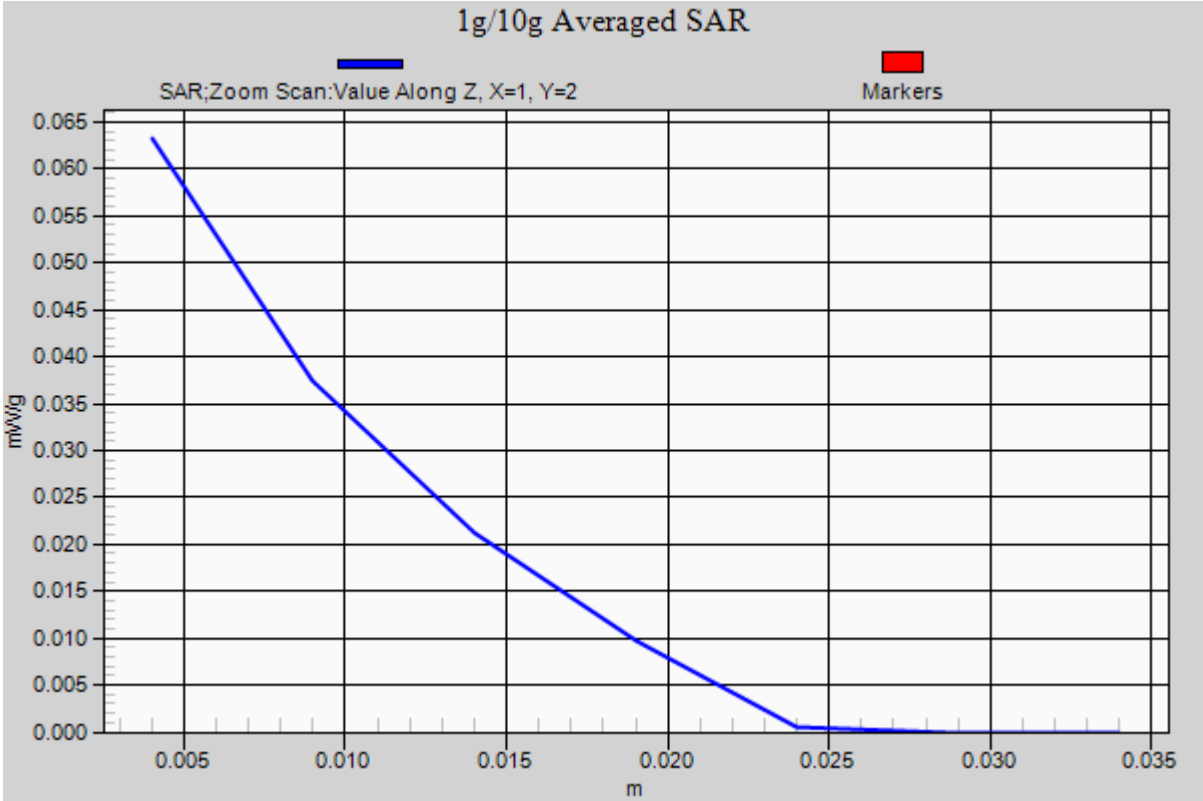
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.064 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.953 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.063 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.953 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.058 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=2
Markers
mW/g
0.065
0.060
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#37 802.11b_Left Side_1cm_1M_20_Ch1

DUT: 1D0806

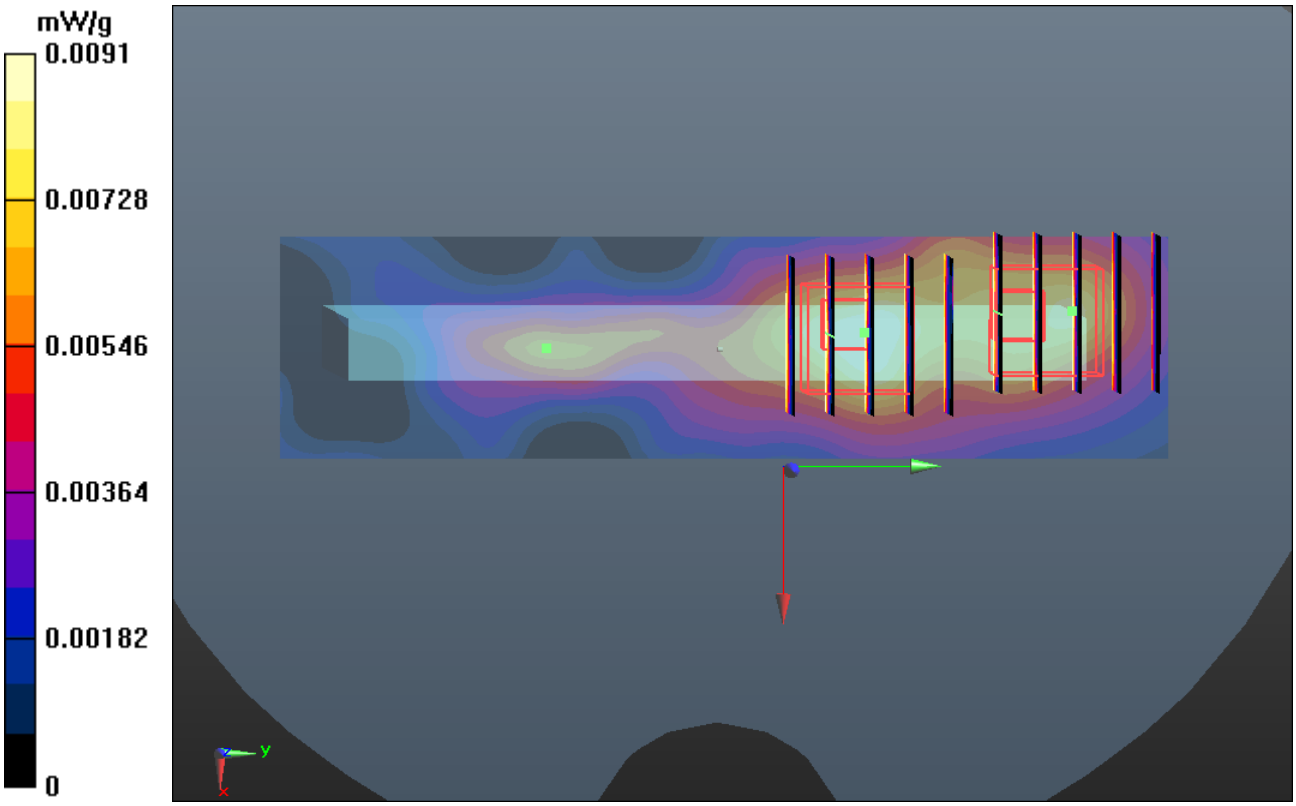
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0091 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.343 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.017 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00629 mW/g
Maximum value of SAR (measured) = 0.013 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.343 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00601 mW/g


mW/g
0.0091
0.00728
0.00546
0.00364
0.00182
0
y
x

#38 802.11b_Right Side_1cm_1M_20_Ch1

DUT: 1D0806

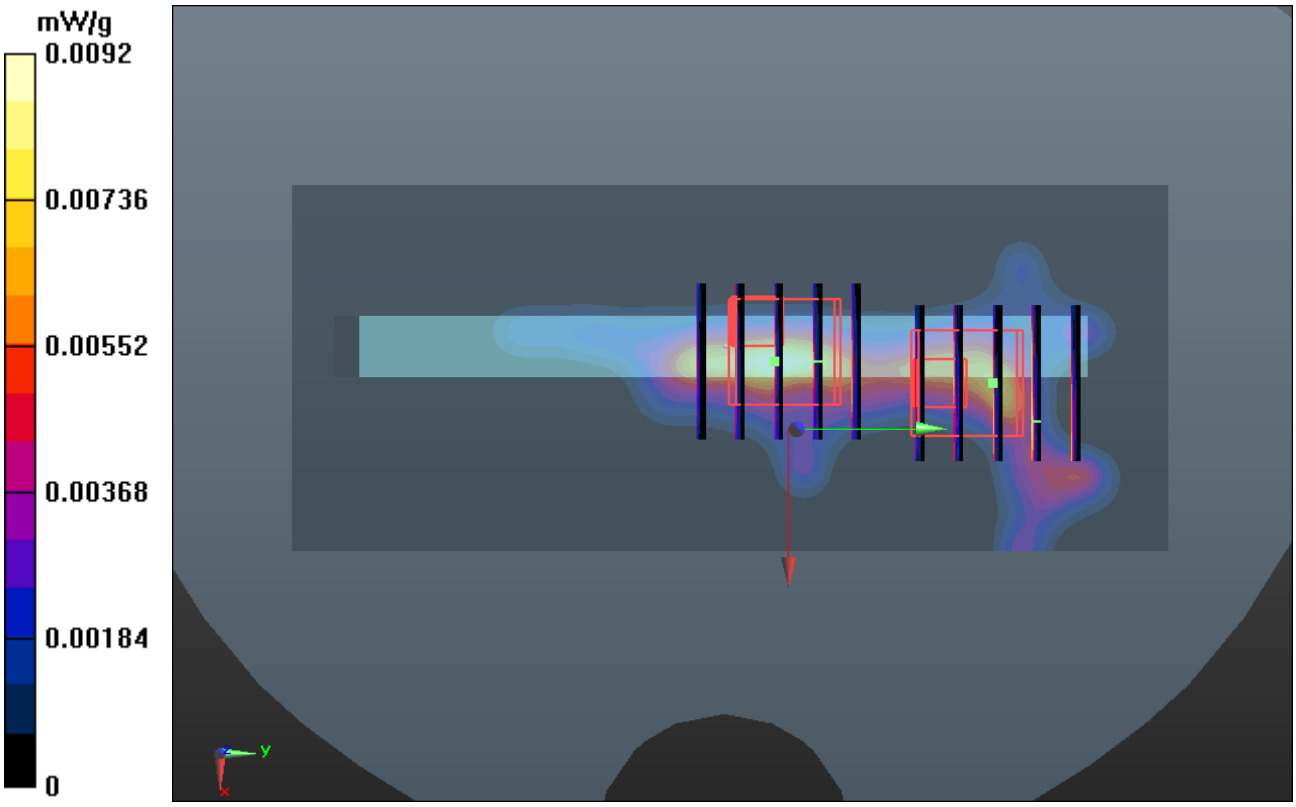
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0092 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.046 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.029 W/kg
SAR(1 g) = 0.00454 mW/g; SAR(10 g) = 0.000731 mW/g
Maximum value of SAR (measured) = 0.00881 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.046 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.00382 mW/g; SAR(10 g) = 0.000982 mW/g
Maximum value of SAR (measured) = 0.00748 mW/g


mW/g
0.0092
0.00736
0.00552
0.00368
0.00184
0
y

#39 802.11b_Top Side_1cm_1M_20_Ch1

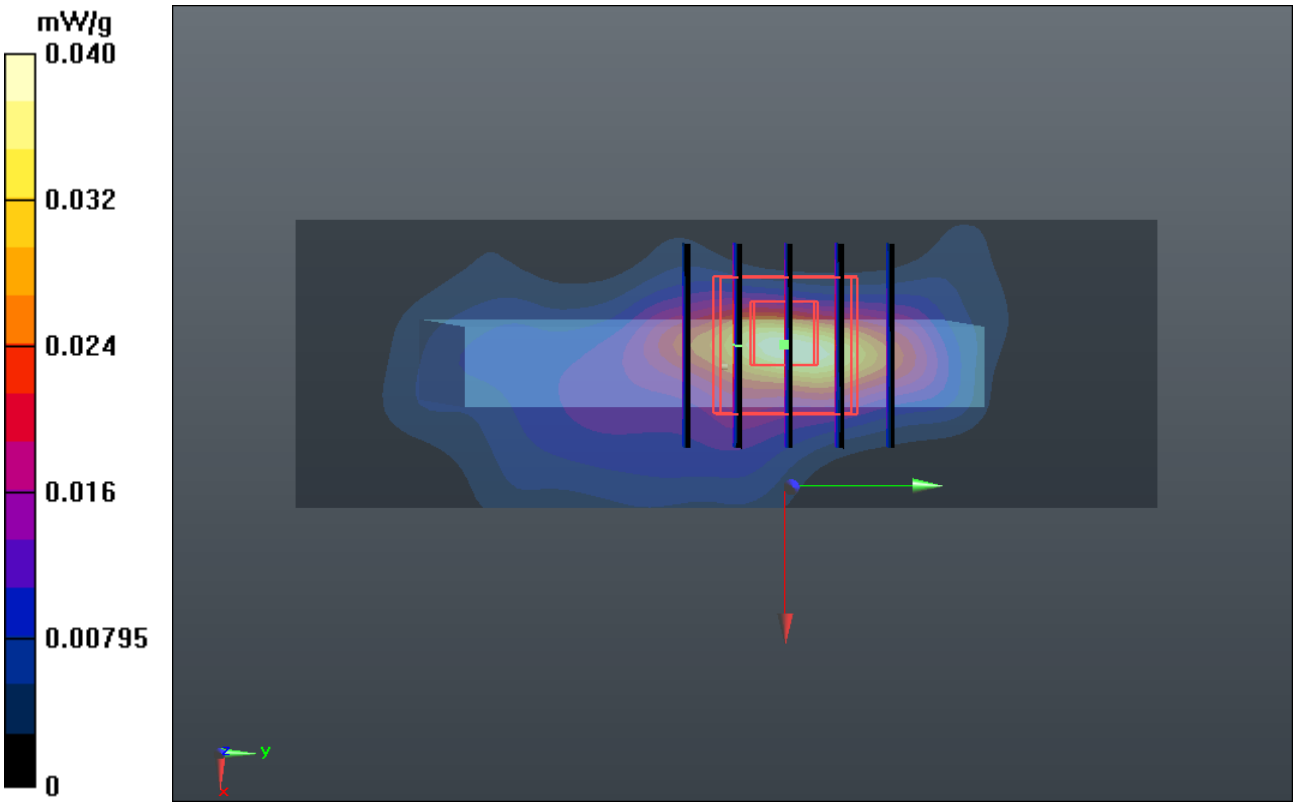
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.040 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.361 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.029 mW/g


mW/g
0.040
0.032
0.024
0.016
0.00795
0
y

#40 802.11b_Back_1cm_1M_20_Ch1_Earphone

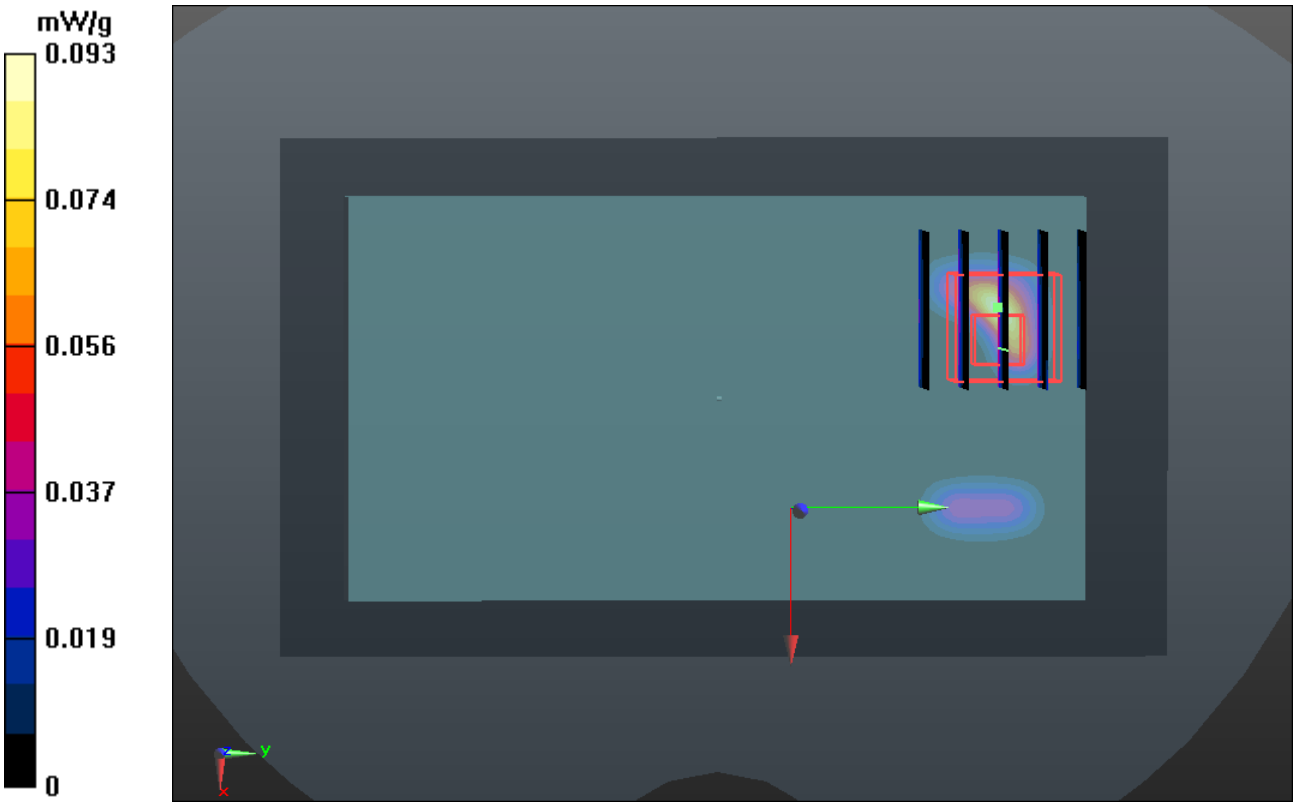
DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111231 Medium parameters used: f = 2412 MHz; σ = 1.87 mho/m; ε_r = 54.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.093 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.488 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.052 mW/g


mW/g
0.093
0.074
0.056
0.037
0.019
0
y