Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#07 GSM850_Right Cheek_Ch128

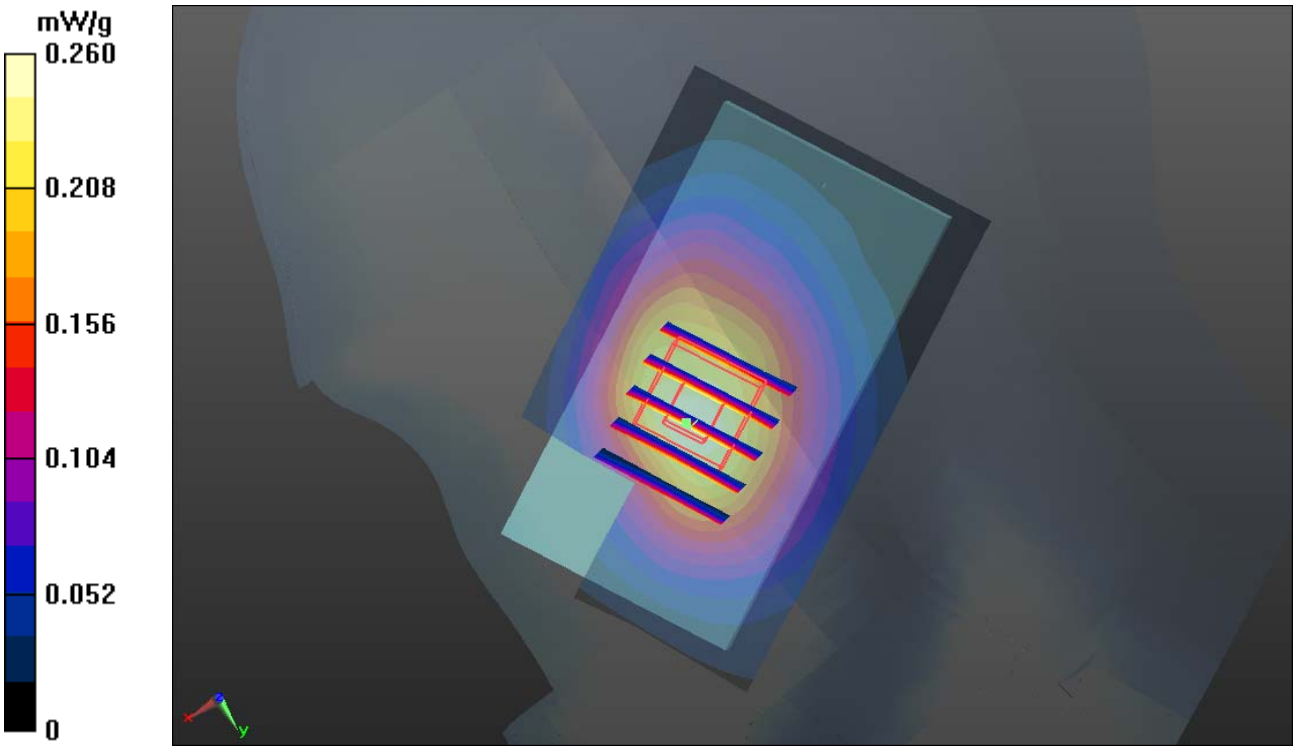
DUT: 1N0803

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.723 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.260 mW/g


mW/g
0.260
0.208
0.156
0.104
0.052
0

#08 GSM850_Right Tilted_Ch128

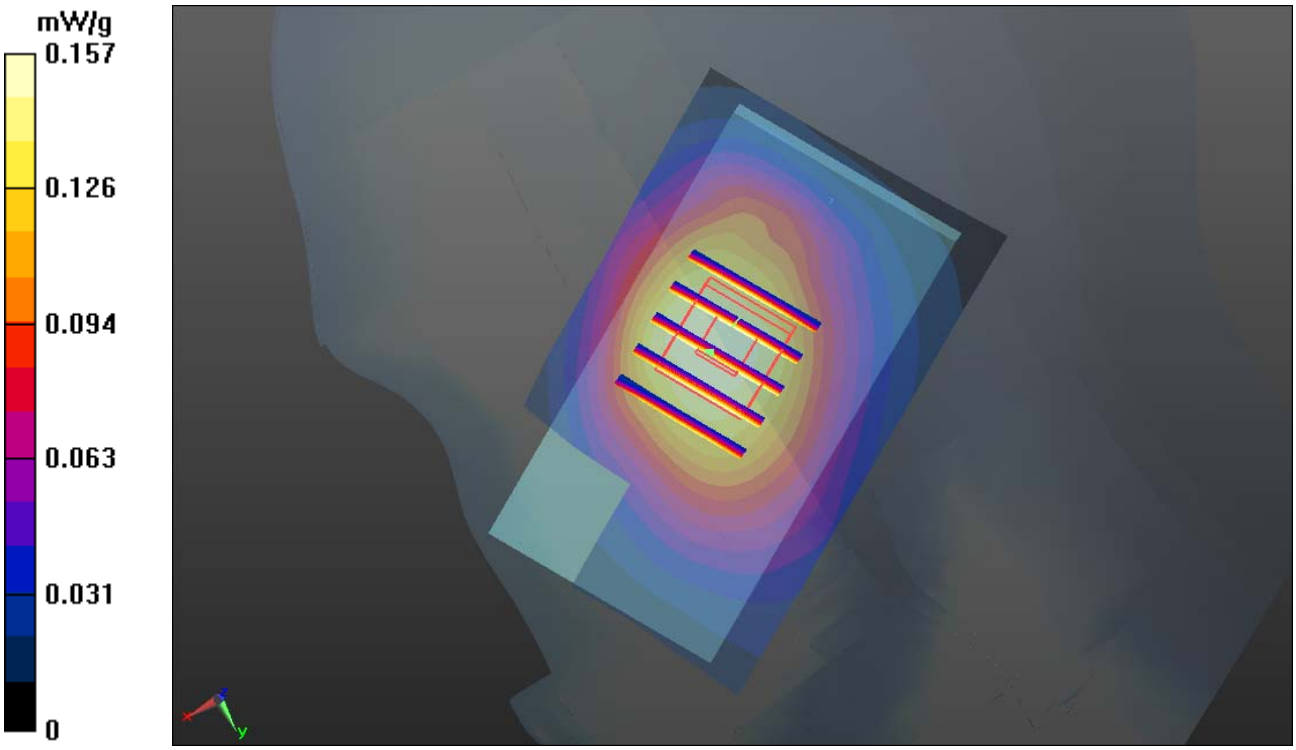
DUT: 1N0803

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.136 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.187 mW/g


mW/g
0.157
0.126
0.094
0.063
0.031
0

#09 GSM850_Left Cheek_Ch128

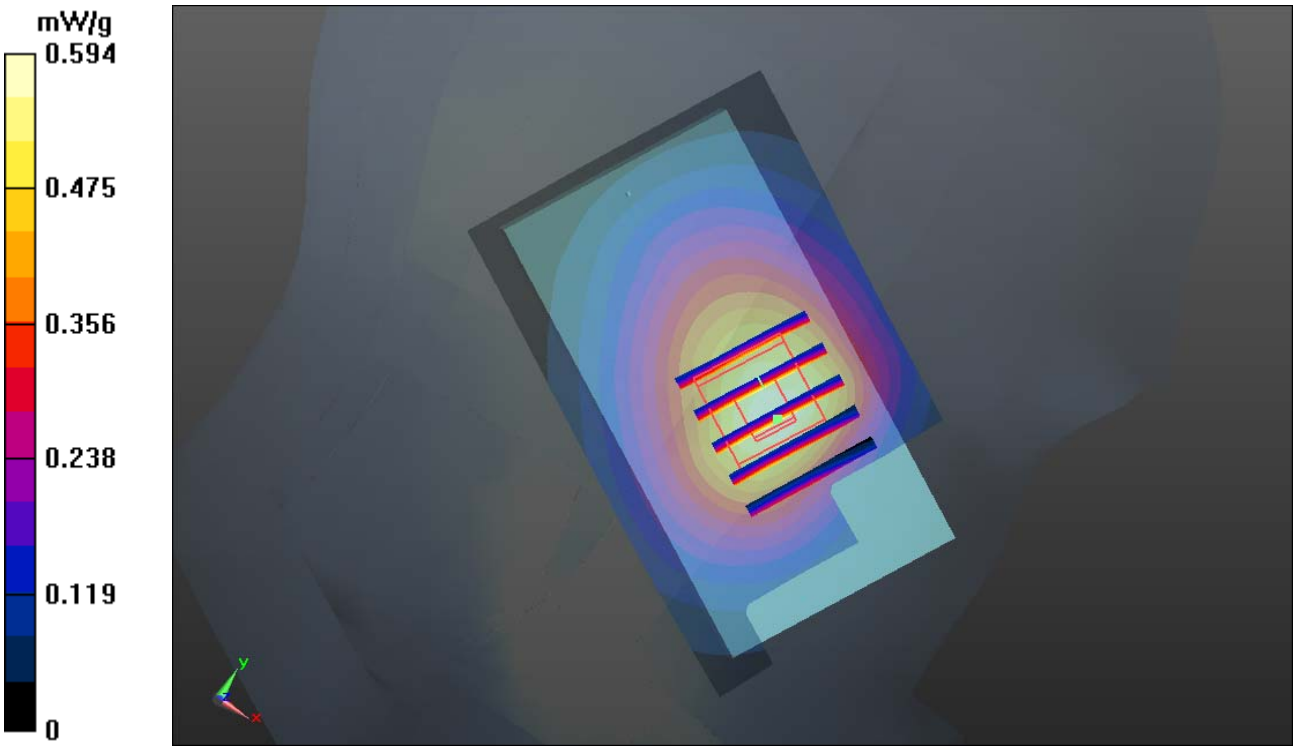
DUT: 1N0803

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.594 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.780 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.565 mW/g


mW/g
0.594
0.475
0.356
0.238
0.119
0
y
x

#09 GSM850_Left Cheek_Ch128_2D

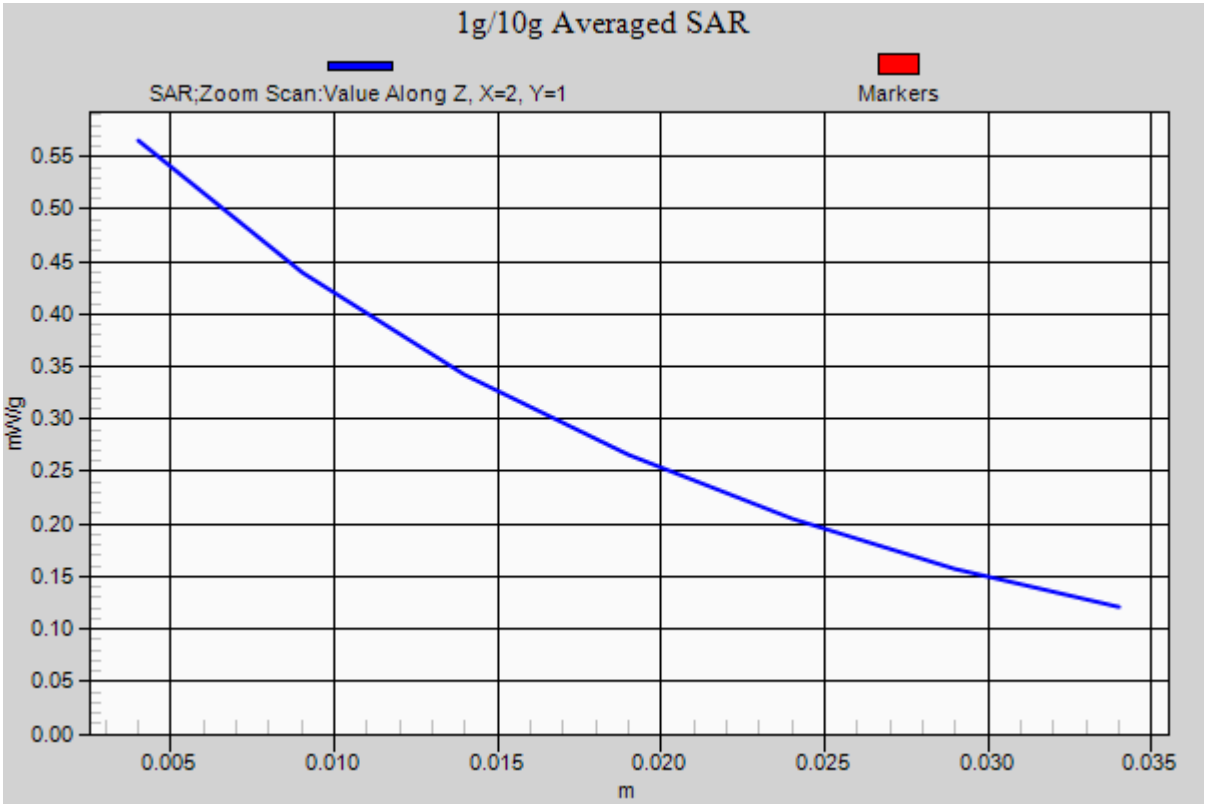
DUT: 1N0803

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.594 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.780 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.565 mW/g


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

#10 GSM850_Left Tilted_Ch128

DUT: 1N0803

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.98; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.249 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.003 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.243 mW/g


mW/g
0.249
0.199
0.149
0.100
0.050
0
y
z
x

#01 GSM1900_Right Cheek_Ch810

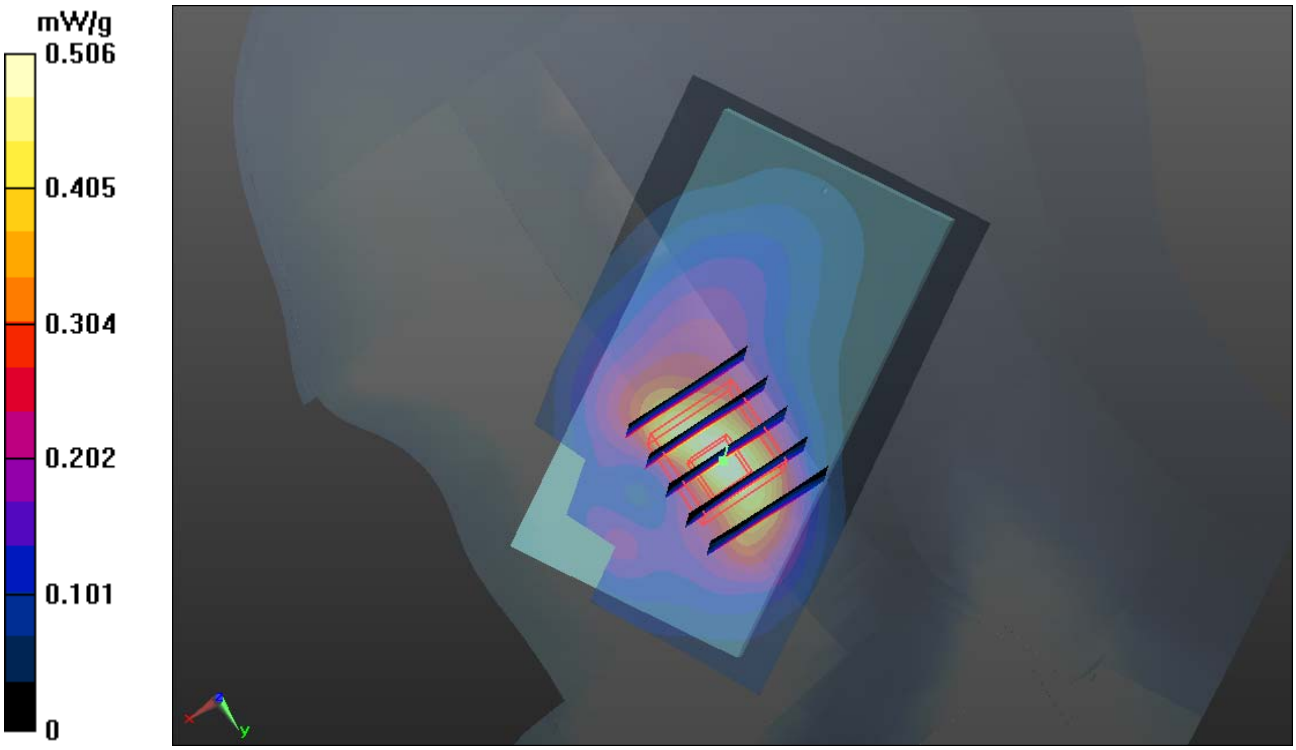
DUT: 1N0803

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.413 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

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)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.506 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.918 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.506 mW/g


mW/g
0.506
0.405
0.304
0.202
0.101
0
y

#01 GSM1900_Right Cheek_Ch810_2D

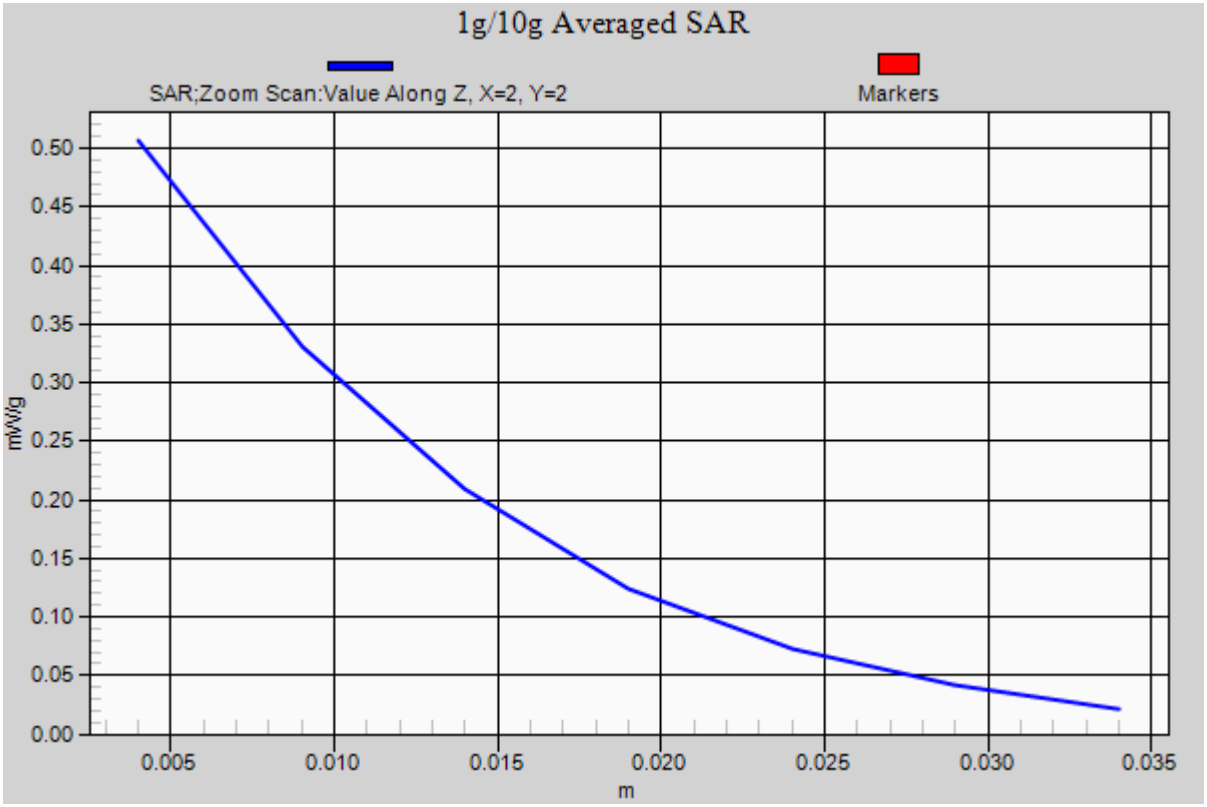
DUT: 1N0803

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.413 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

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)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.506 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.918 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.731 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.506 mW/g


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

#02 GSM1900_Right Tilted_Ch810

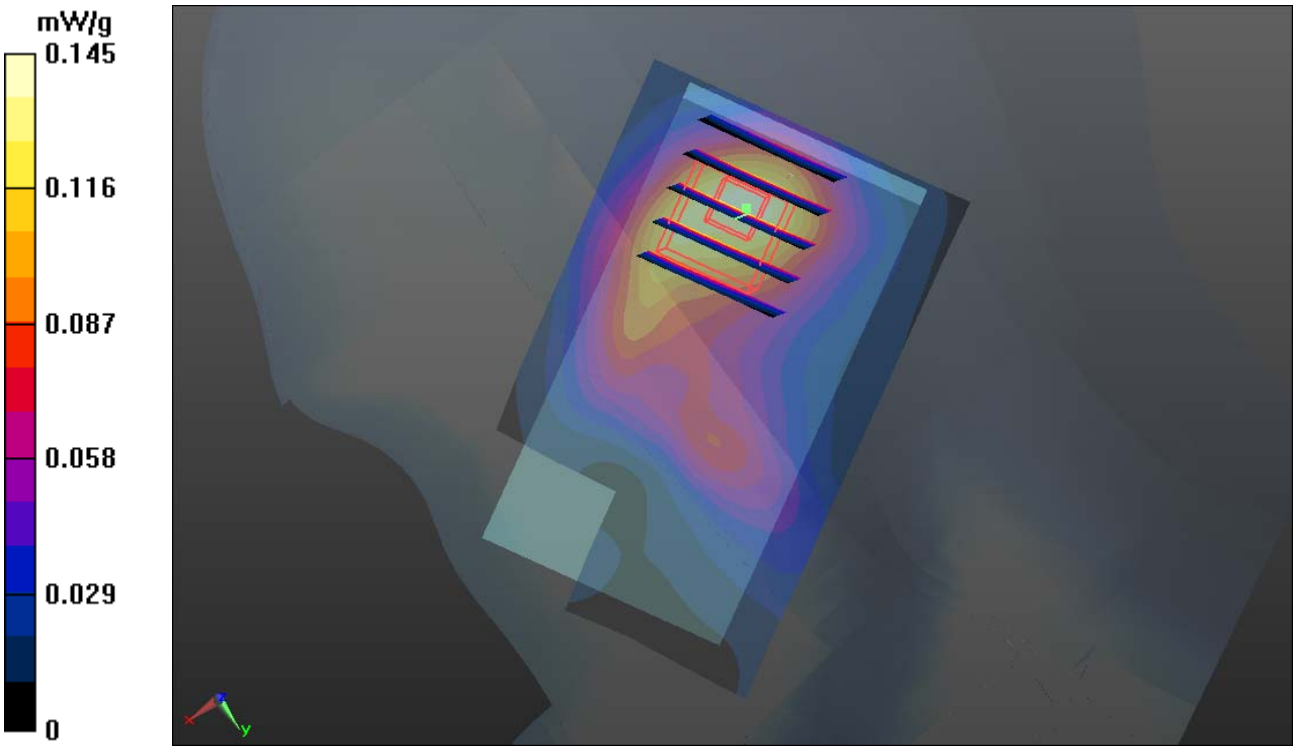
DUT: 1N0803

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.413 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

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)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.671 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.137 mW/g


mW/g
0.145
0.116
0.087
0.058
0.029
0
y

#03 GSM1900_Left Cheek_Ch810

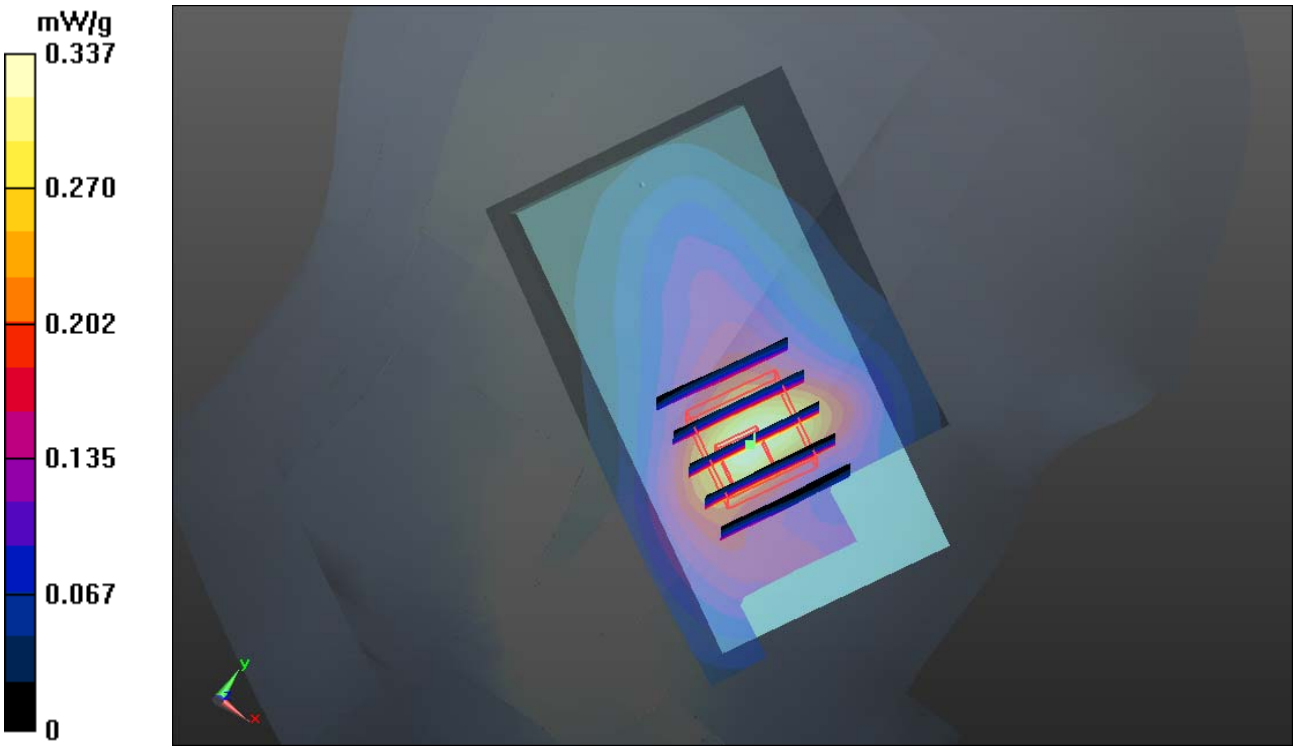
DUT: 1N0803

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.413 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

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)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.802 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.329 mW/g


mW/g
0.337
0.270
0.202
0.135
0.067
0
y
x

#04 GSM1900_Left Tilted_Ch810

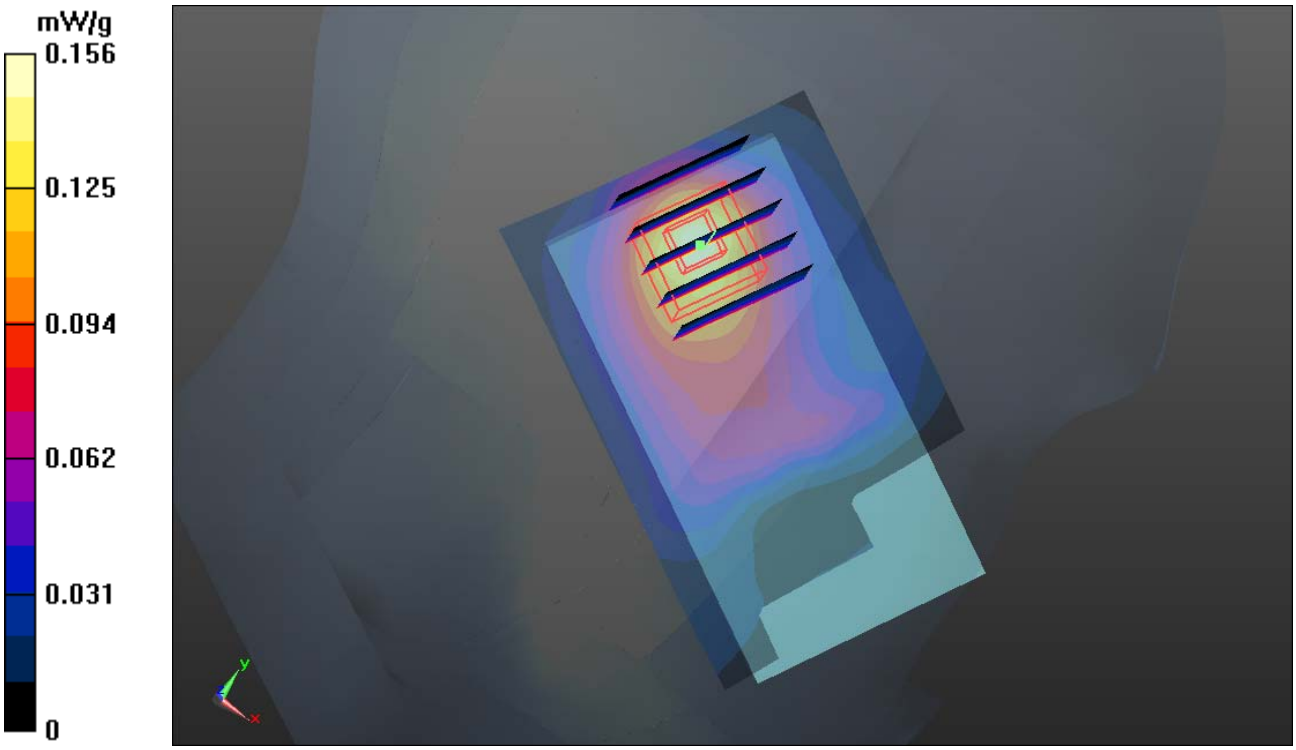
DUT: 1N0803

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.413 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

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)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.966 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.144 mW/g


mW/g
0.156
0.125
0.094
0.062
0.031
0

#11 GSM850_GPRS12_Face_1.5cm_Ch128

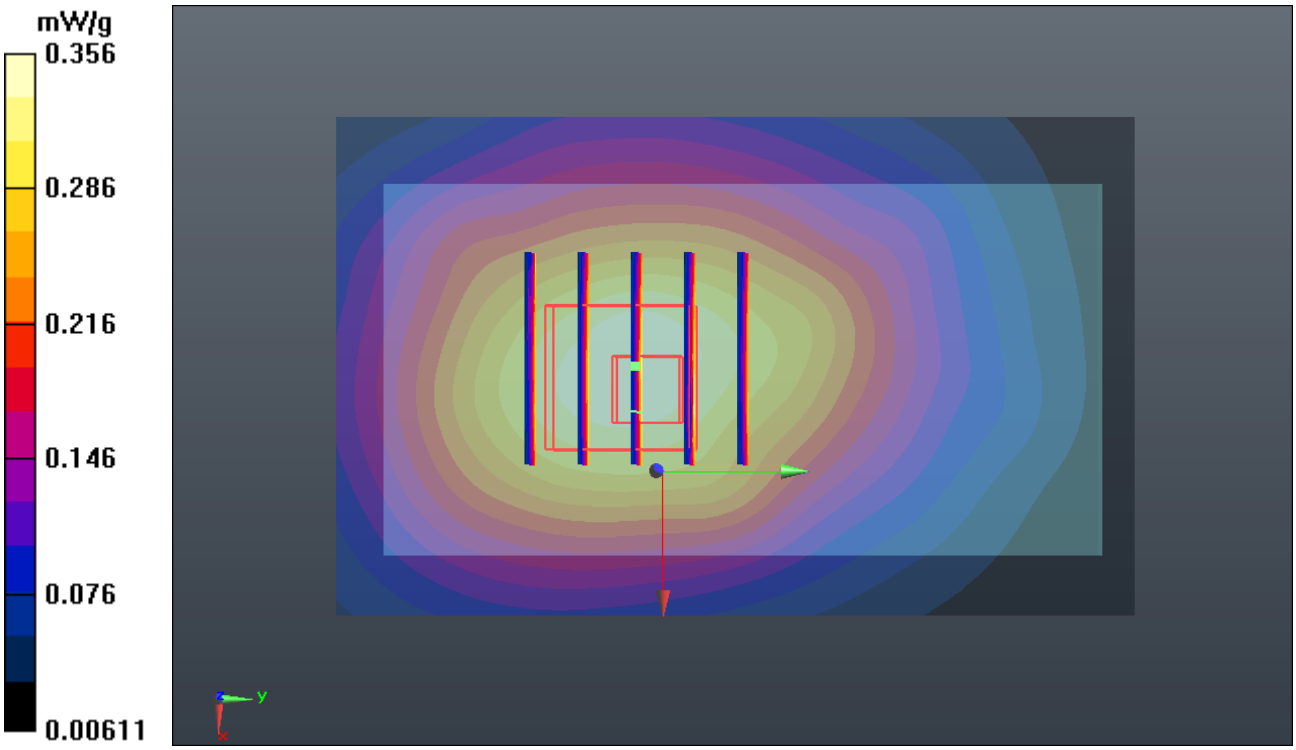
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.322; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.122 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.342 mW/g


mW/g
0.356
0.286
0.216
0.146
0.076
0.00611
y

#12 GSM850_GPRS12_Bottom_1.5cm_Ch128

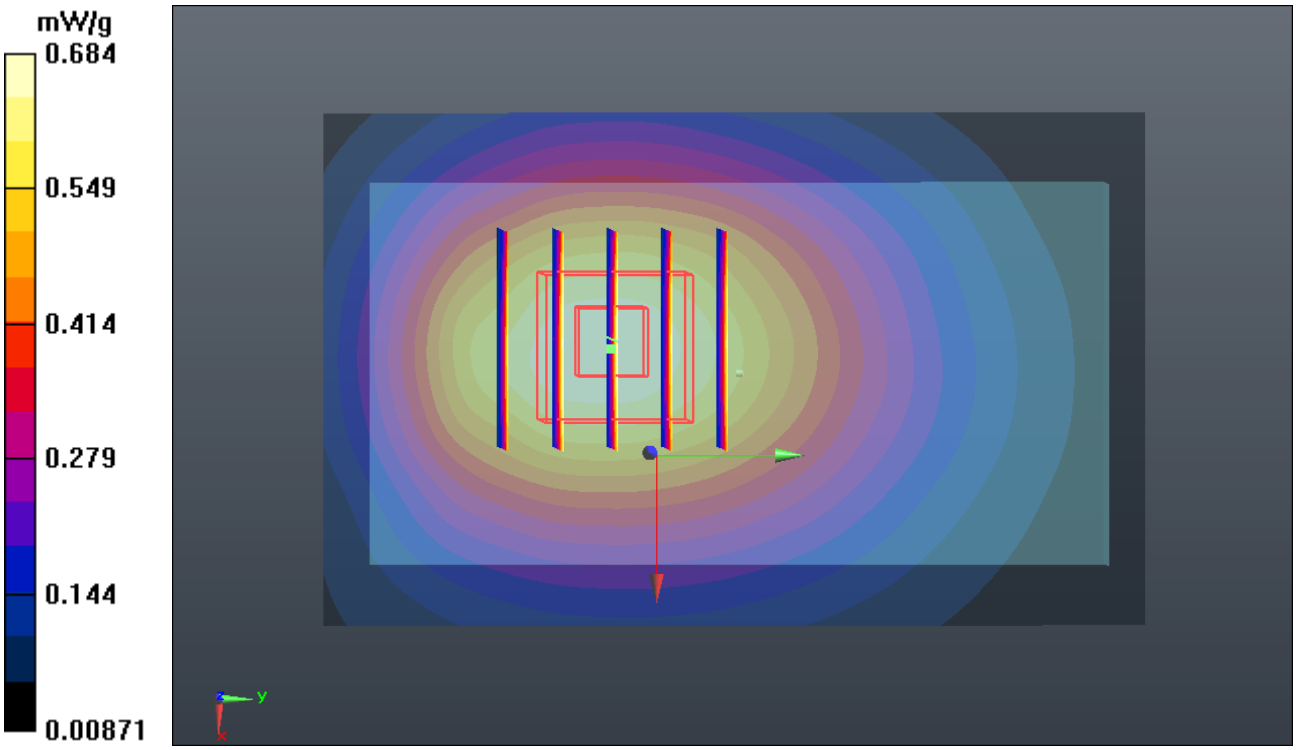
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.322; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.684 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.221 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.995 W/kg
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.547 mW/g
Maximum value of SAR (measured) = 0.799 mW/g


mW/g
0.684
0.549
0.414
0.279
0.144
0.00871
y

#12 GSM850_GPRS12_Bottom_1.5cm_Ch128_2D

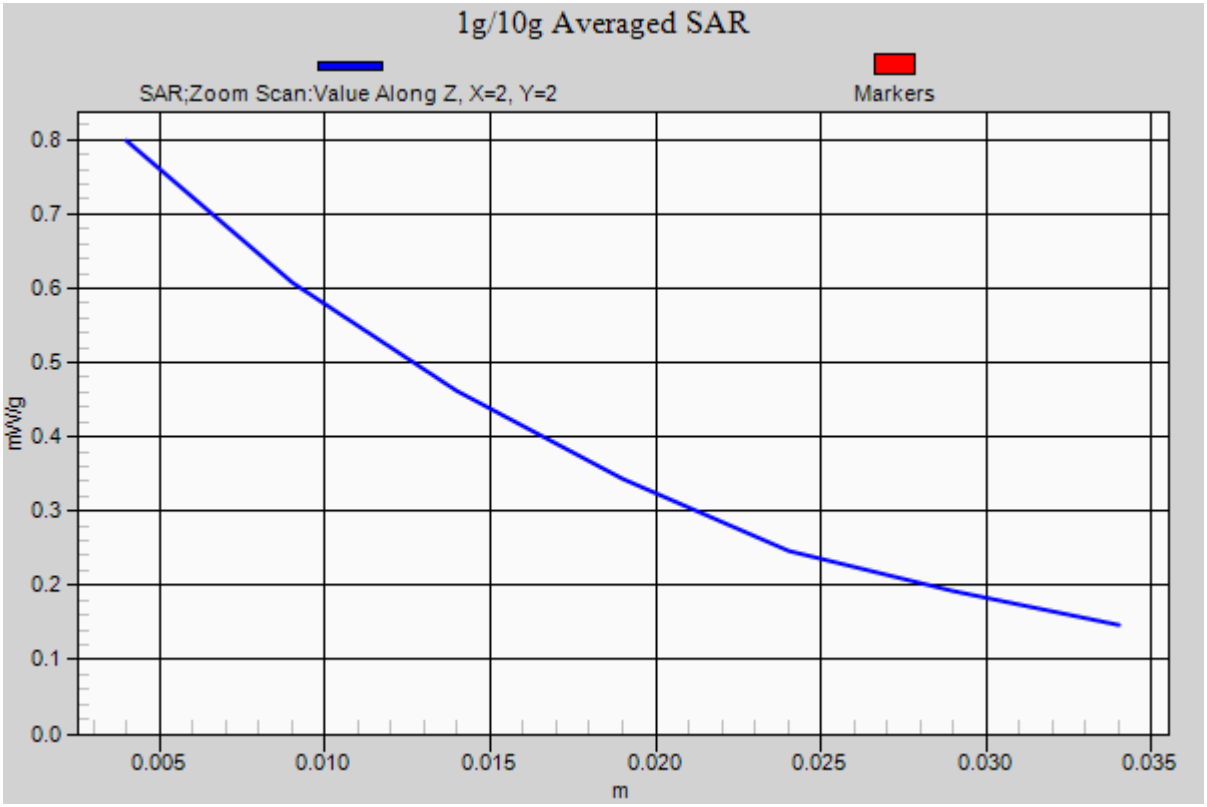
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120109 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.322; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.684 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.221 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.995 W/kg
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.547 mW/g
Maximum value of SAR (measured) = 0.799 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#05 GSM1900_GPRS12_Face_1.5cm_Ch810

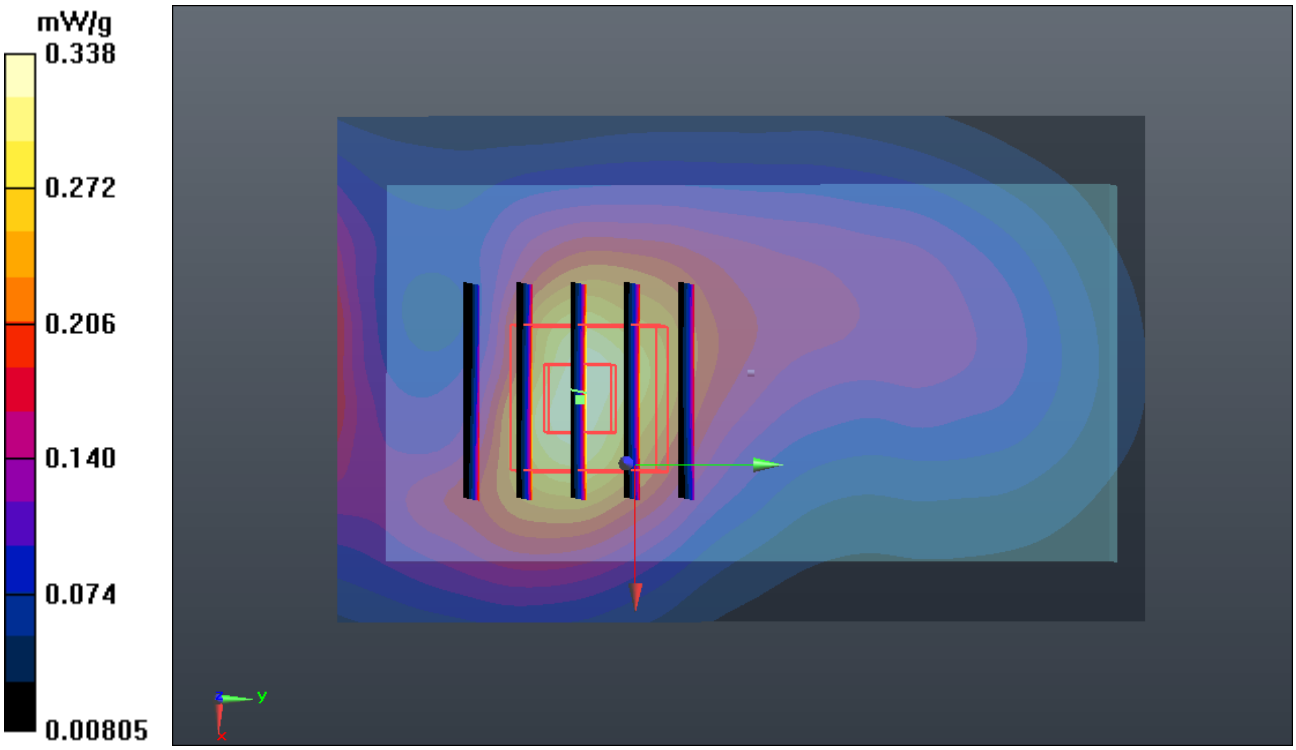
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r = 54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.338 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.407 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.324 mW/g


mW/g
0.338
0.272
0.206
0.140
0.074
0.00805
y

#06 GSM1900_GPRS12_Bottom_1.5cm_Ch810

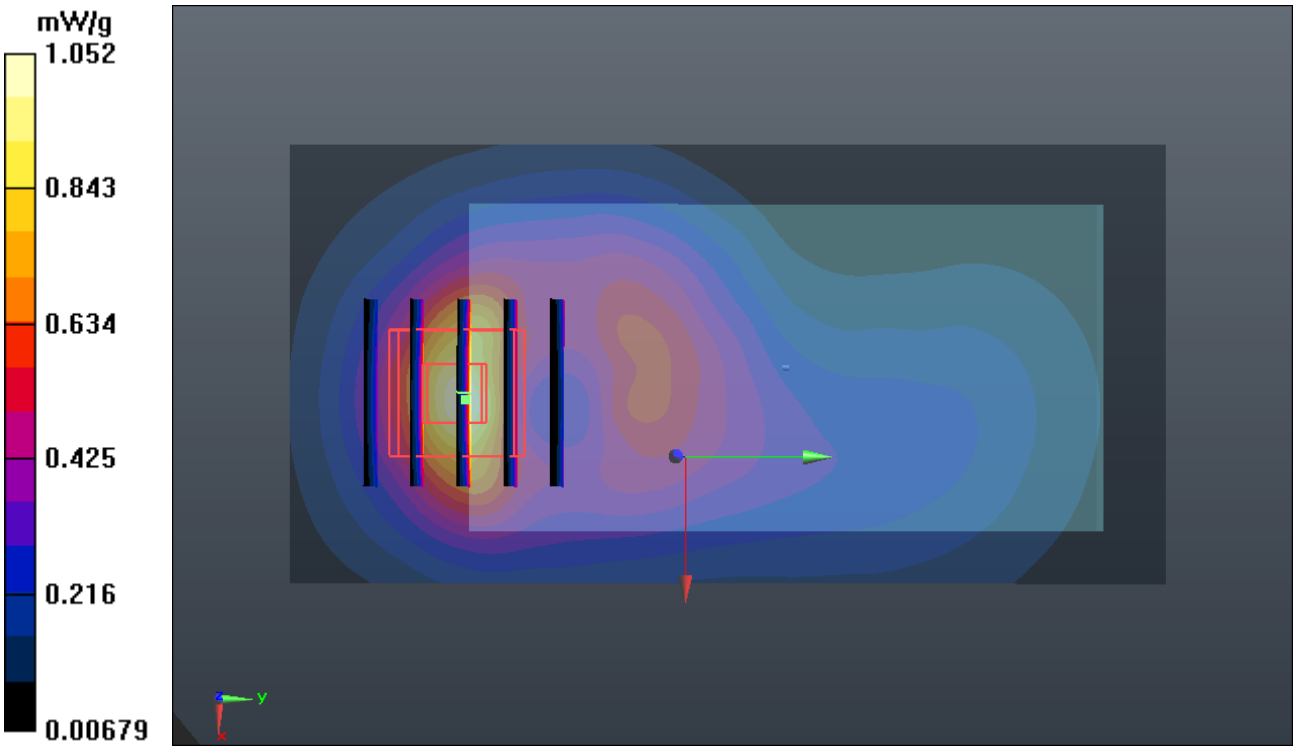
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120109 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r = 54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.052 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.332 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.527 W/kg
SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 1.036 mW/g


mW/g
1.052
0.843
0.634
0.425
0.216
0.00679
y

#13 GSM1900_GPRS12_Bottom_1.5cm_Ch512

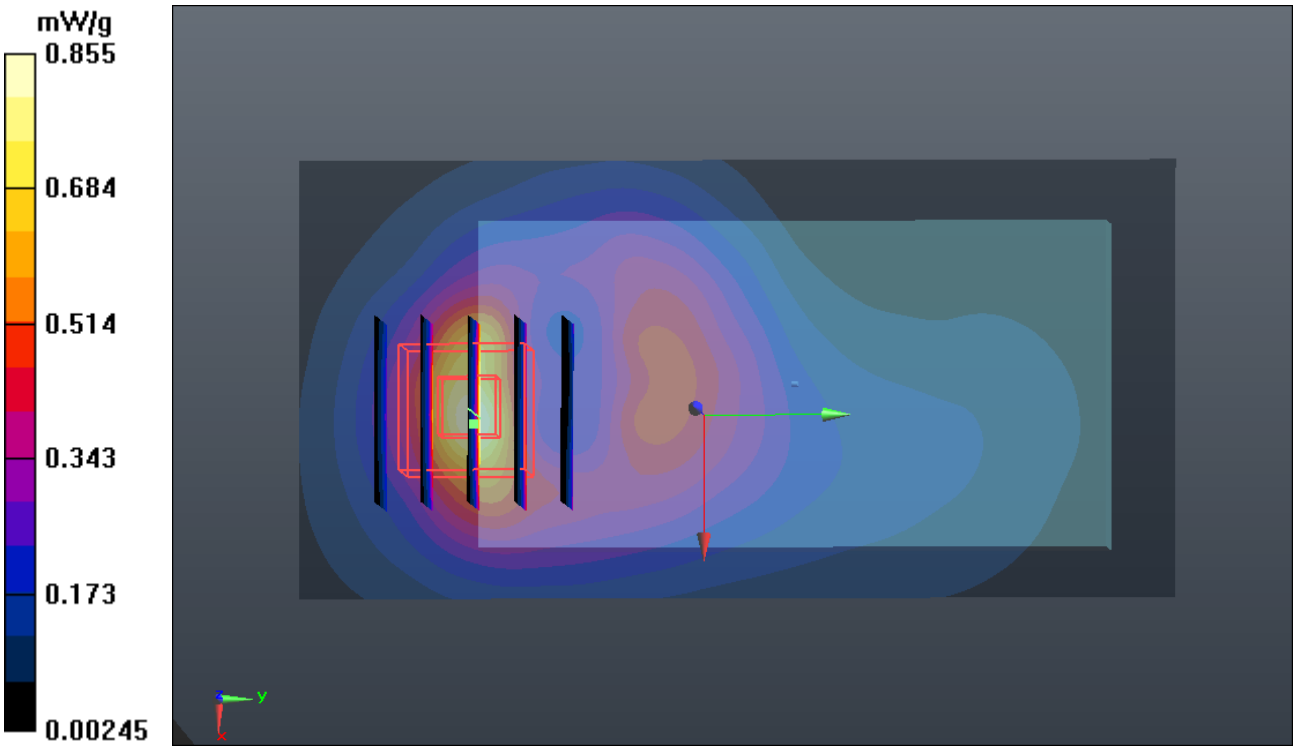
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120109 Medium parameters used: f = 1850.2 MHz; σ = 1.466 mho/m; ε_r = 54.972; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.855 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.106 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.255 W/kg
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.408 mW/g
Maximum value of SAR (measured) = 0.845 mW/g


mW/g
0.855
0.684
0.514
0.343
0.173
0.00245
y

#14 GSM1900_GPRS12_Bottom_1.5cm_Ch661

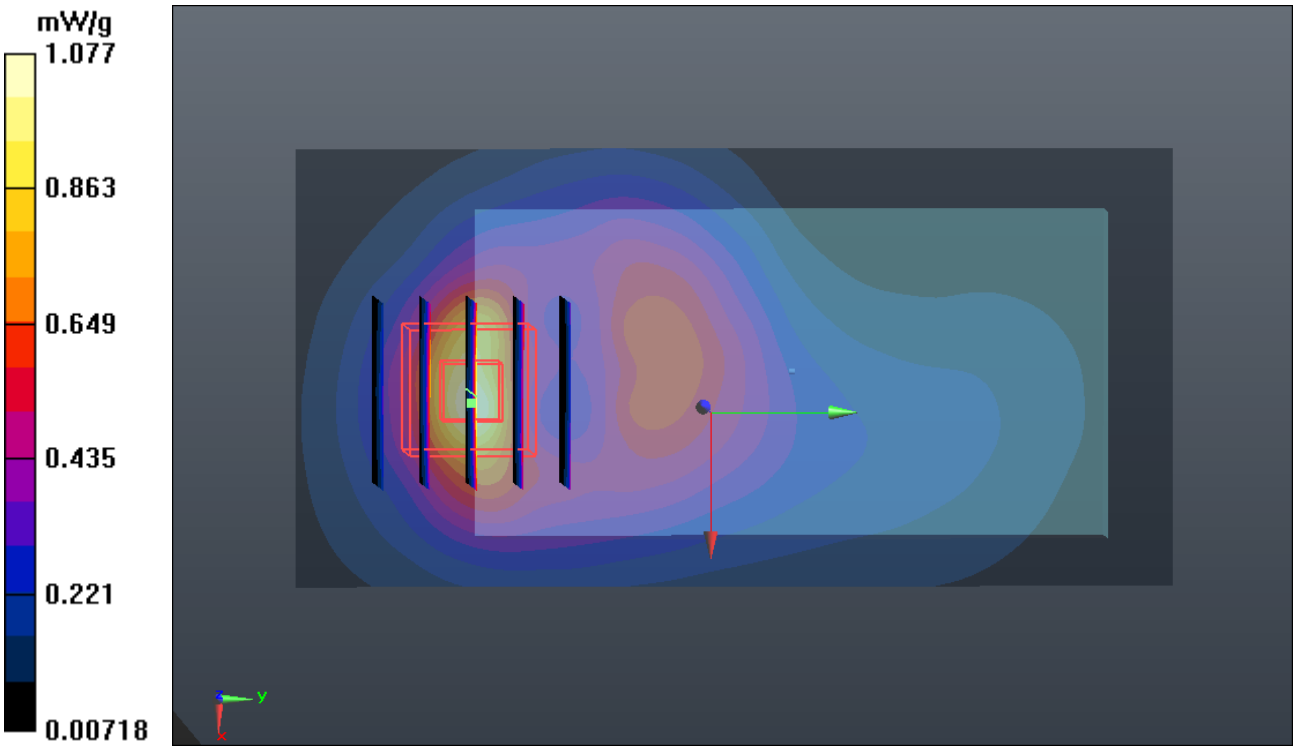
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120109 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.077 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.890 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.609 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 1.096 mW/g


mW/g
1.077
0.863
0.649
0.435
0.221
0.00718
y

#14 GSM1900_GPRS12_Bottom_1.5cm_Ch661_2D

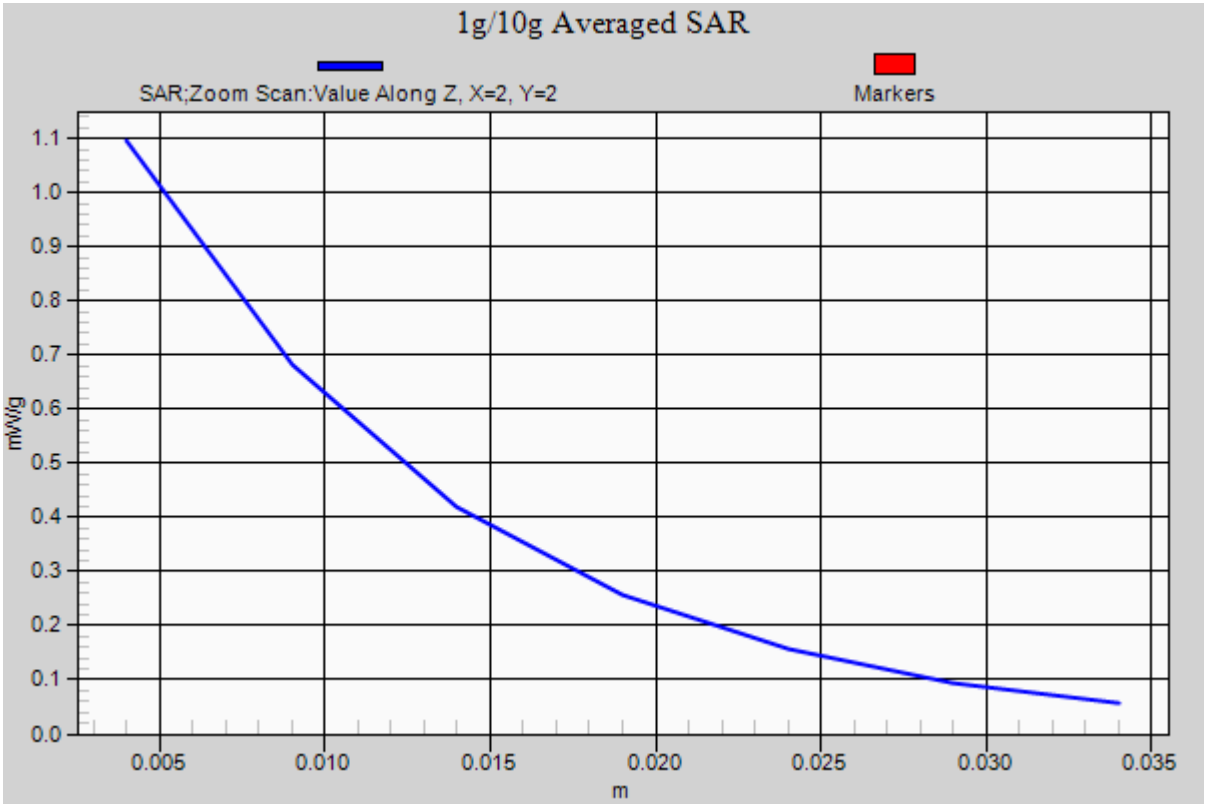
DUT: 1N0803

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120109 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.077 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.890 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.609 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 1.096 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m