Appendix B. Plots of SAR Measurement

The plots are shown as follows.

01 GSM850_Right Cheek_Ch128

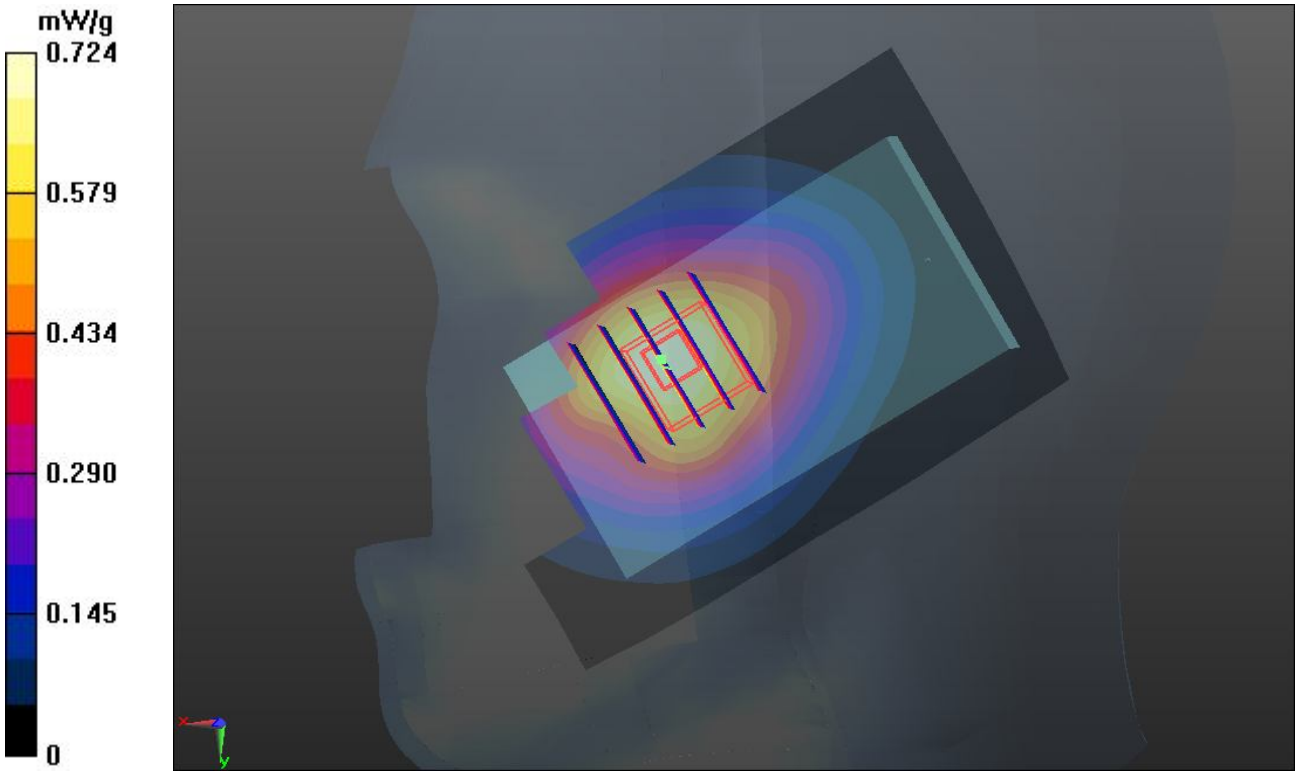
DUT: 1D2103

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111230 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.963; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.724 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.975 V/m; Power Drift = 0.0053 dB
Peak SAR (extrapolated) = 0.9640
SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 0.702 mW/g



02 GSM850_Right Tilted_Ch128

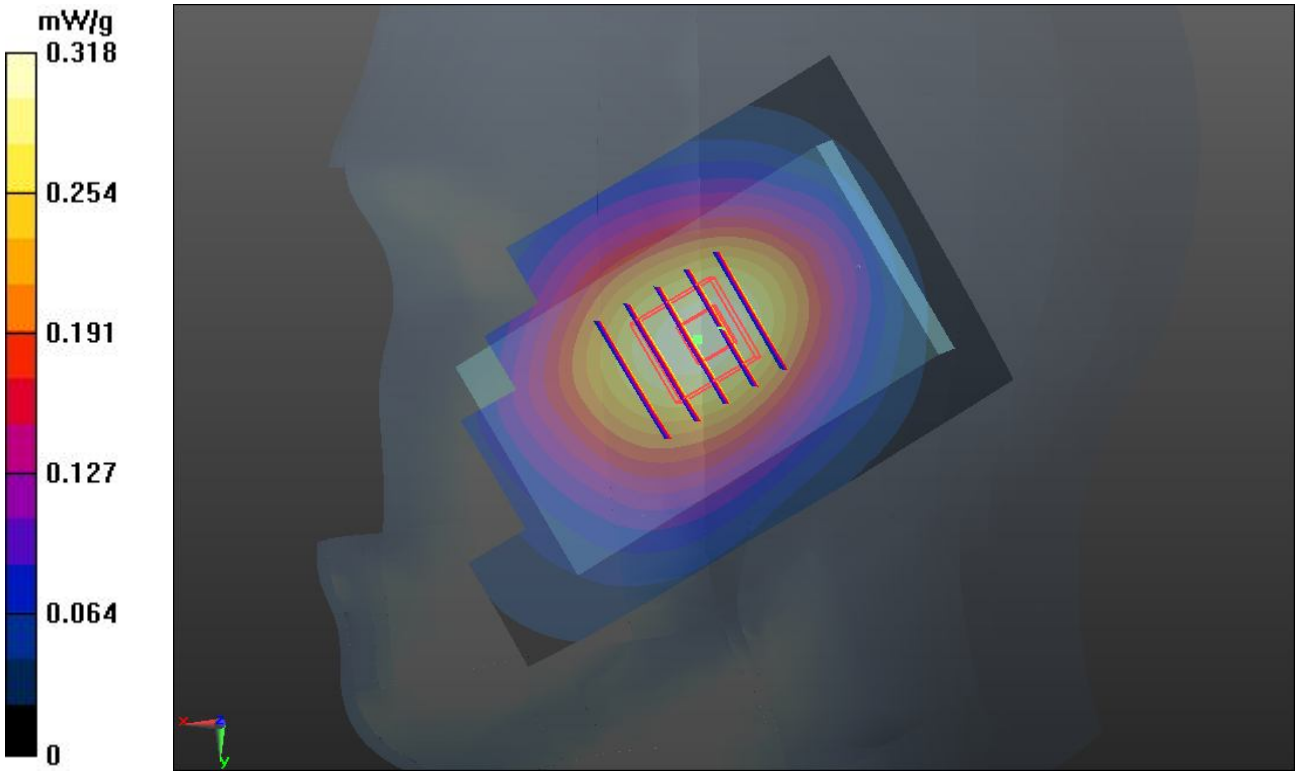
DUT: 1D2103

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111230 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.963; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.318 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.402 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.3790
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.313 mW/g



03 GSM850_Left Cheek_Ch128

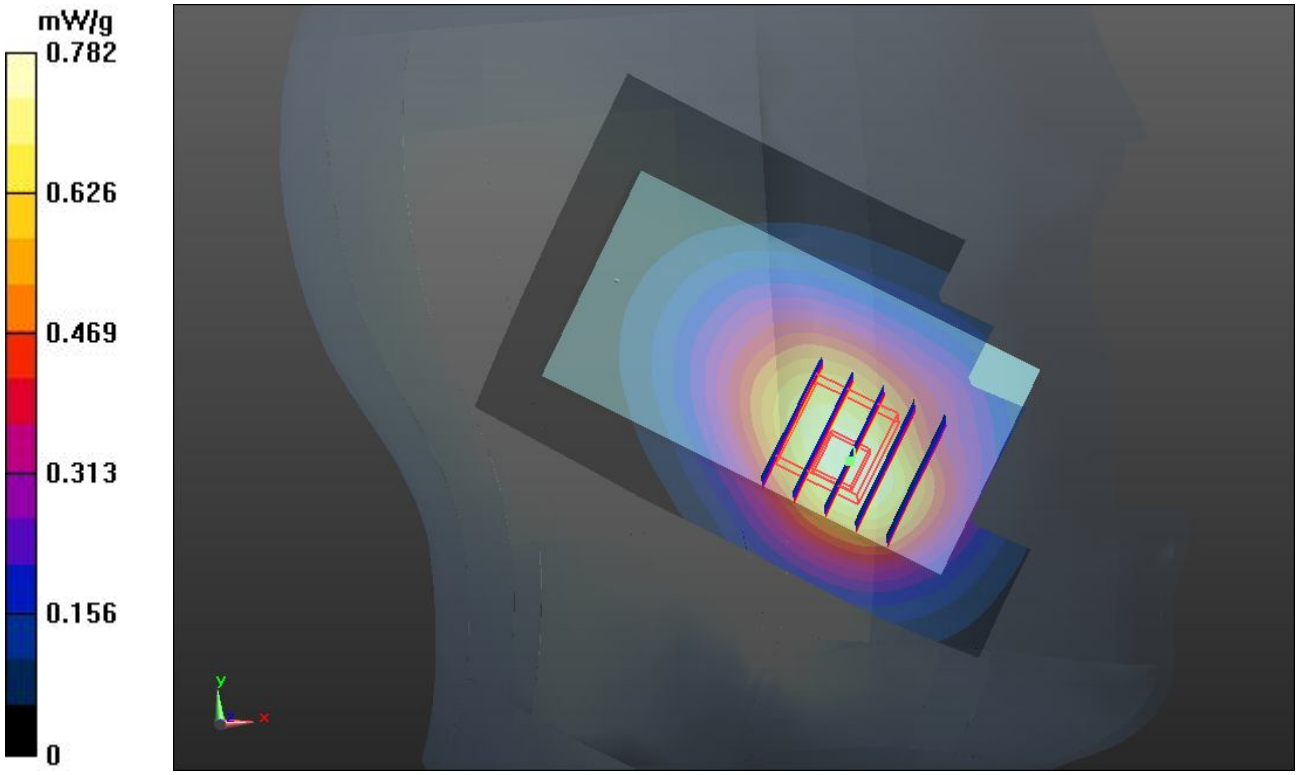
DUT: 1D2103

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111230 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.963; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.782 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.186 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.1050
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.763 mW/g



03 GSM850_Left Cheek_Ch128_2D

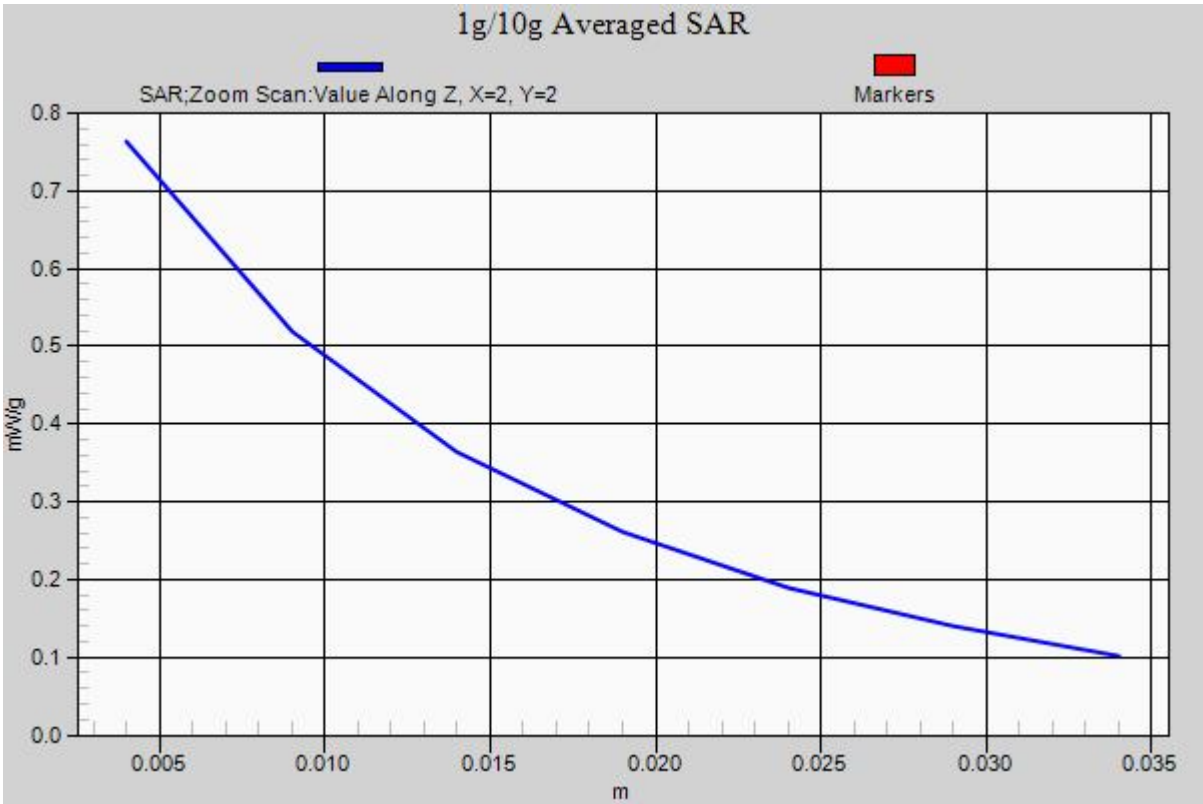
DUT: 1D2103

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111230 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.963; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.782 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.186 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.1050
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.763 mW/g



04 GSM850_Left Tilted_Ch128

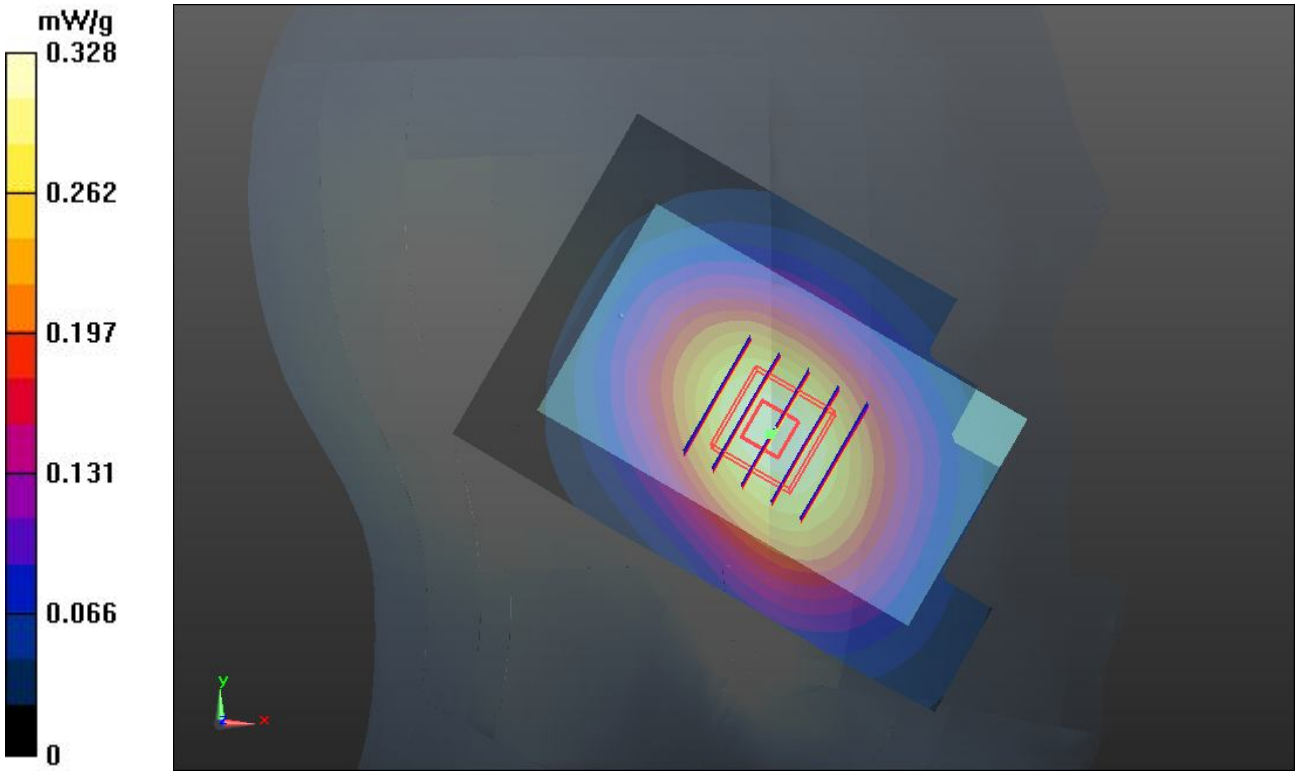
DUT: 1D2103

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_111230 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.963; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.328 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.112 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.3880
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.321 mW/g



05 GSM1900_Right Cheek_Ch810

DUT: 1D2103

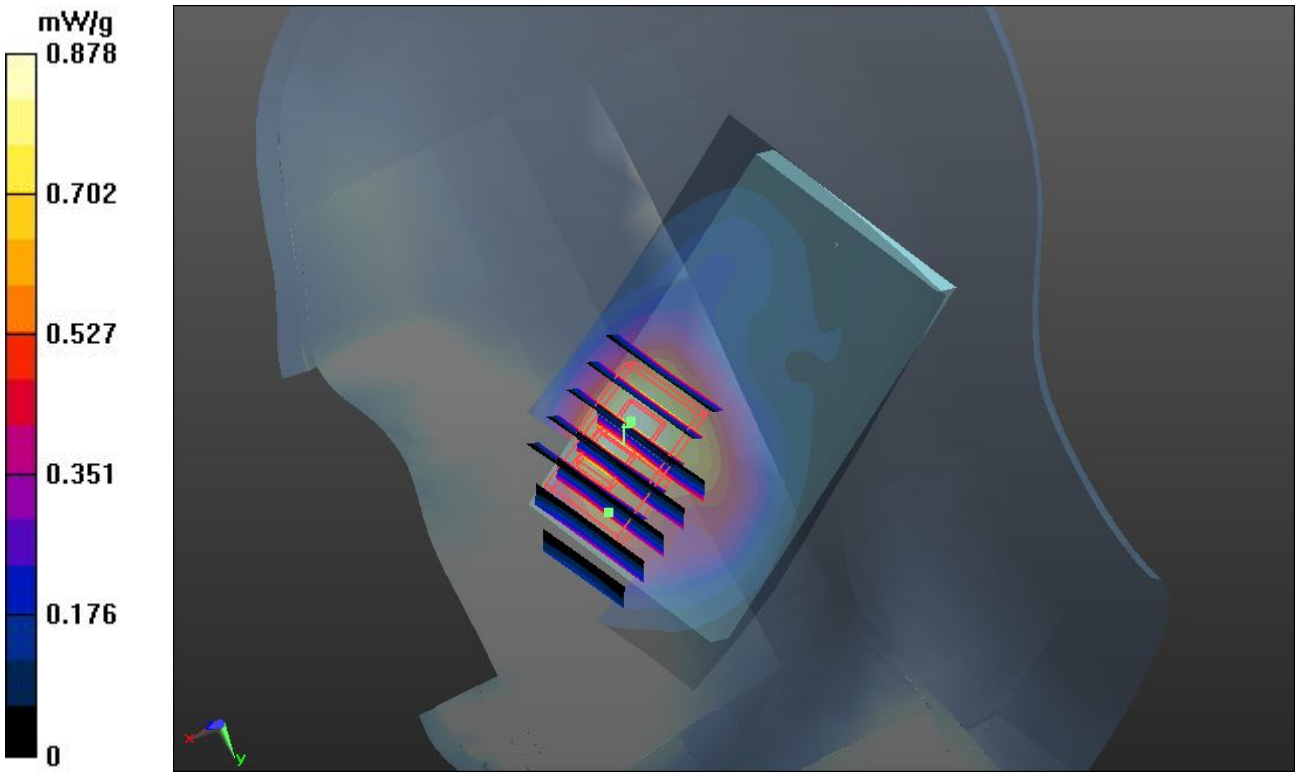
Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1910 MHz; σ = 1.459 mho/m; ε_r = 39.062; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.878 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.840 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.3280
SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.878 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.840 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.3290
SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.861 mW/g


mW/g
0.878
0.702
0.527
0.351
0.176
0

06 GSM1900_Right Tilted_Ch810

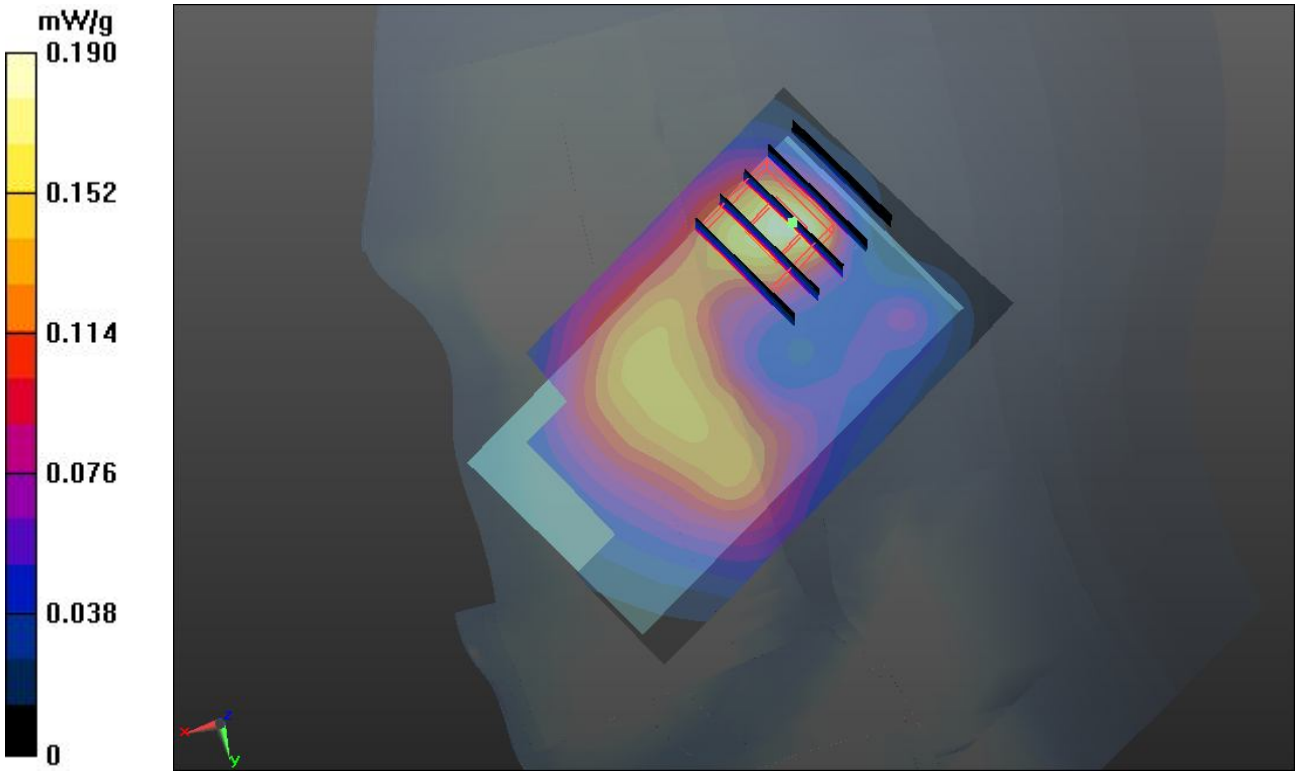
DUT: 1D2103

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1910 MHz; σ = 1.459 mho/m; ε_r = 39.062; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.190 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.156 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.2800
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.181 mW/g



07 GSM1900_Left Cheek_Ch810

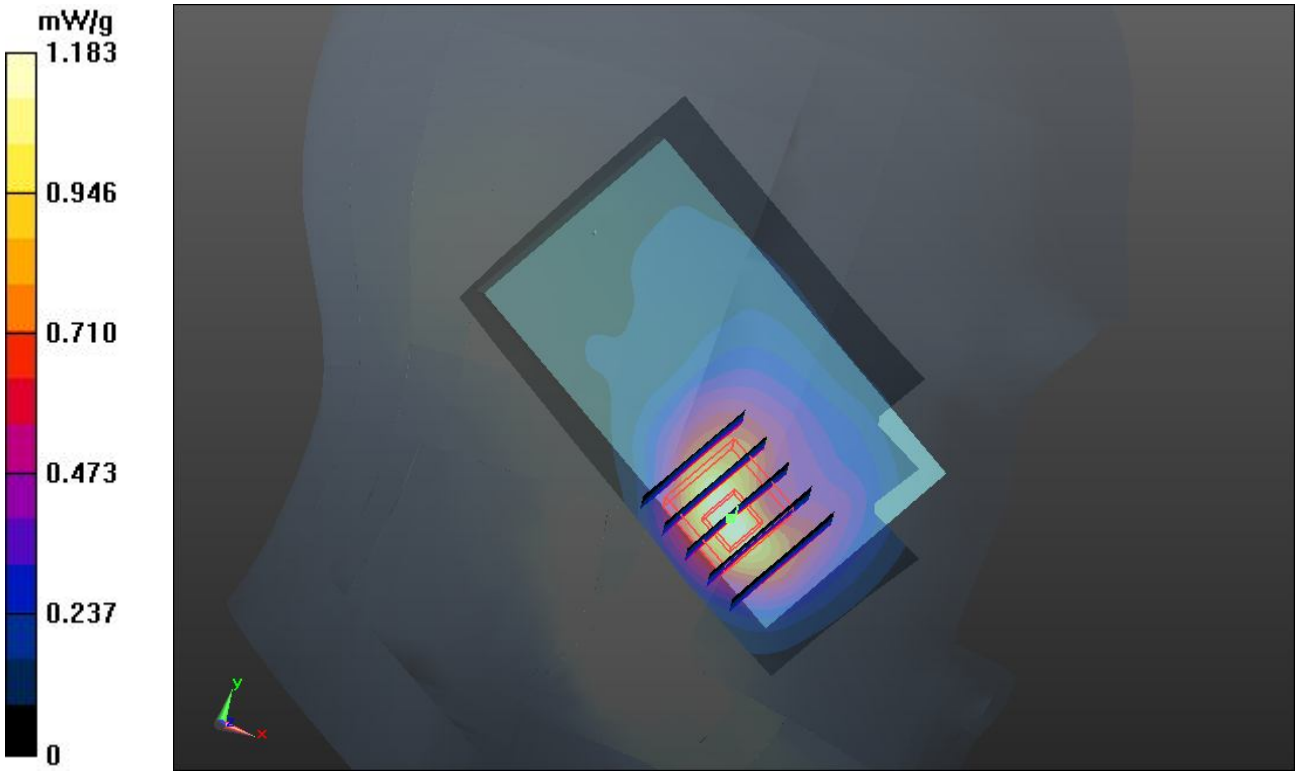
DUT: 1D2103

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1910 MHz; σ = 1.459 mho/m; ε_r = 39.062; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.183 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.475 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.8370
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 1.152 mW/g



07 GSM1900_Left Cheek_Ch810_2D

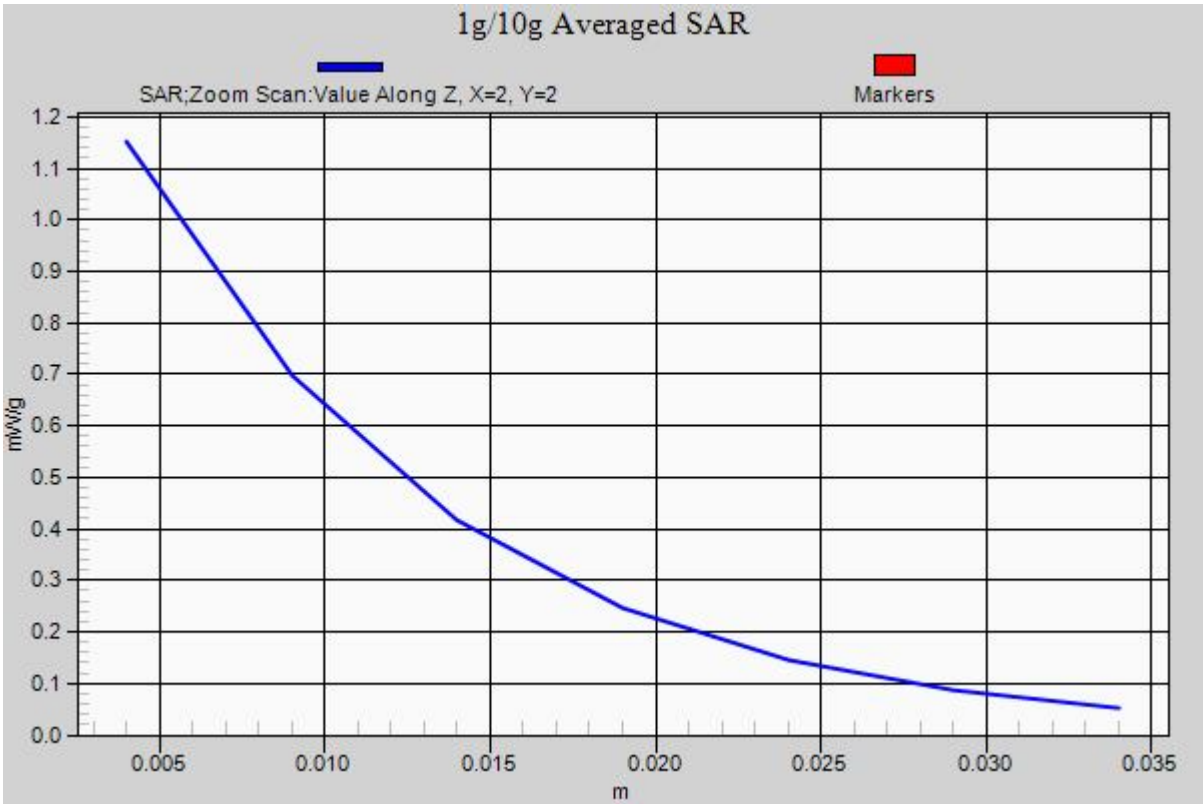
DUT: 1D2103

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1910 MHz; σ = 1.459 mho/m; ε_r = 39.062; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.183 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.475 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.8370
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 1.152 mW/g



08 GSM1900_Left Tilted_Ch810

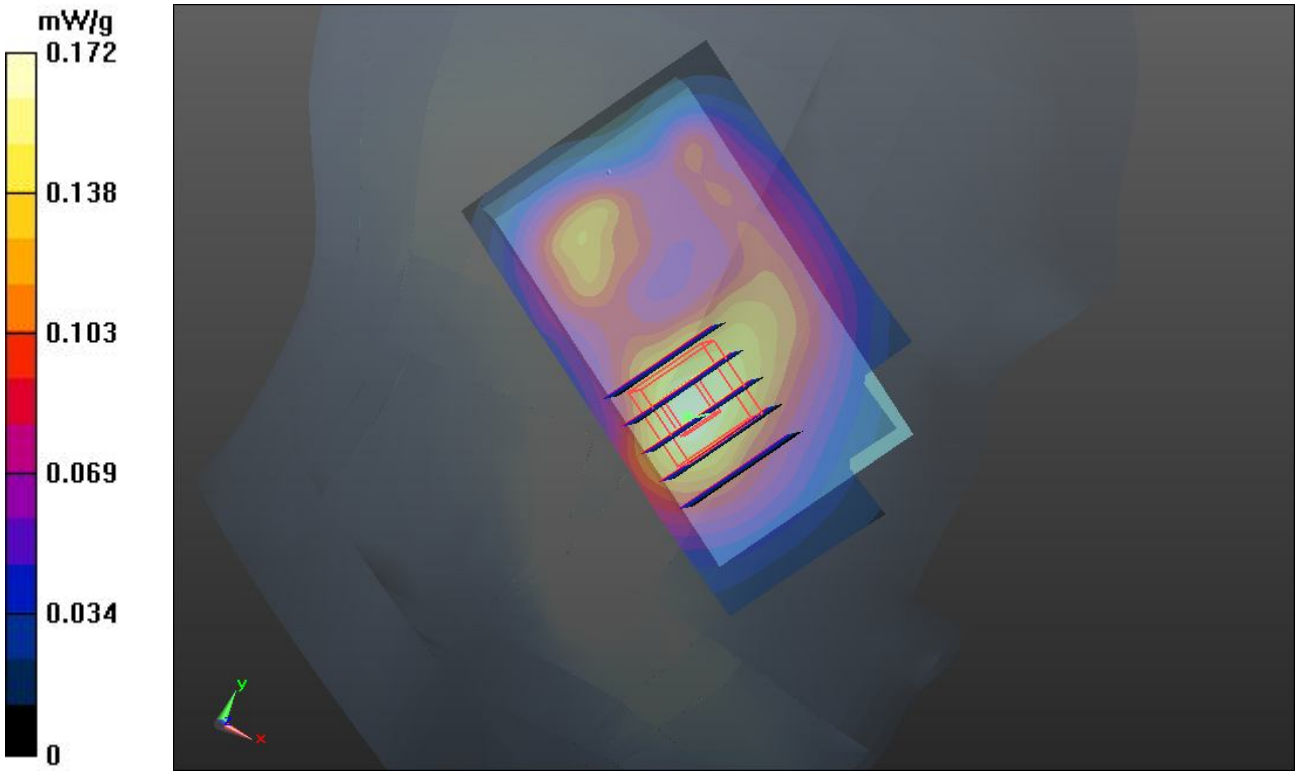
DUT: 1D2103

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1910 MHz; σ = 1.459 mho/m; ε_r = 39.062; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.172 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.103 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.2420
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.169 mW/g



09 GSM1900_Left Cheek_Ch512

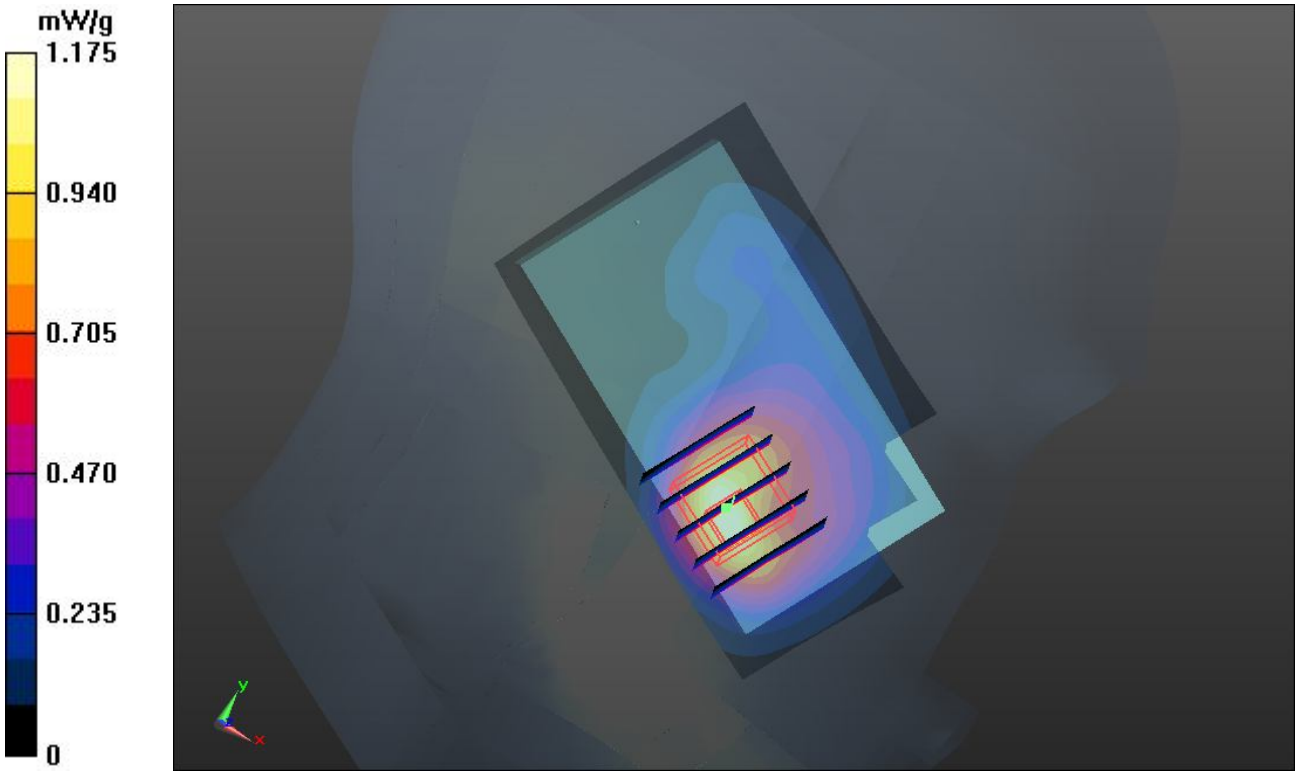
DUT: 1D2103

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1850.2 MHz; σ = 1.398 mho/m; ε_r = 39.281; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.175 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.457 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.7900
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.585 mW/g
Maximum value of SAR (measured) = 1.135 mW/g



10 GSM1900_Left Cheek_Ch661

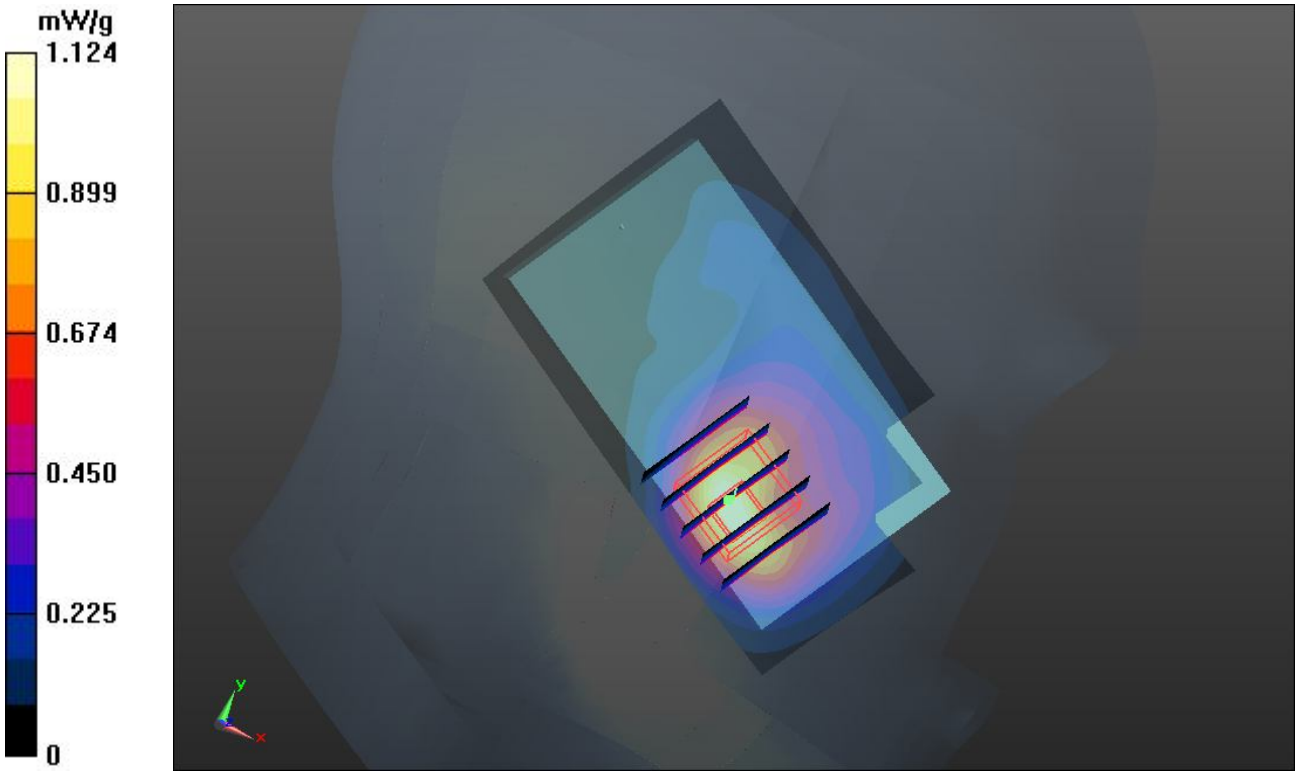
DUT: 1D2103

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111230 Medium parameters used: f = 1880 MHz; σ = 1.428 mho/m; ε_r = 39.172; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.124 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.748 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.7260
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.103 mW/g



13 GSM850_GPRS12_Face_1.5cm_Ch128

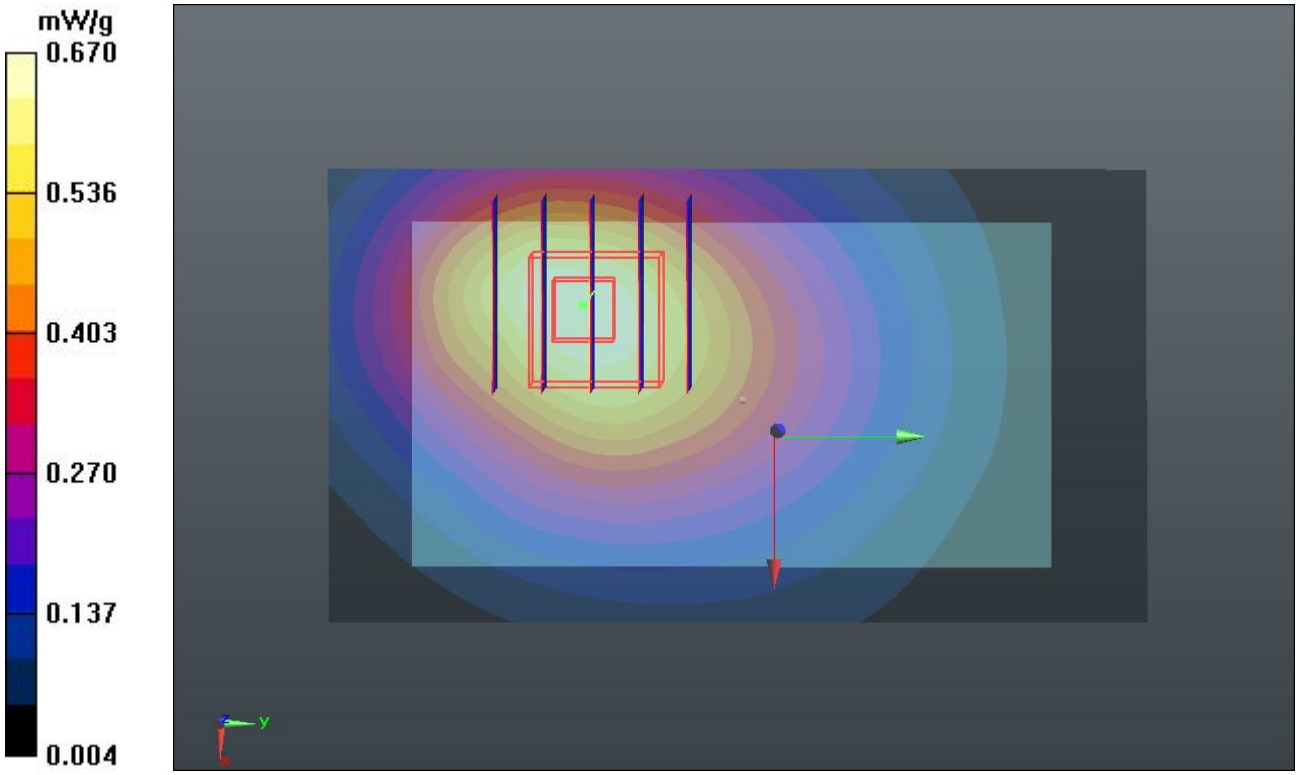
DUT: 1D2103

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.670 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.646 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.9280
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 0.670 mW/g



14 GSM850_GPRS12_Bottom_1.5cm_Ch128

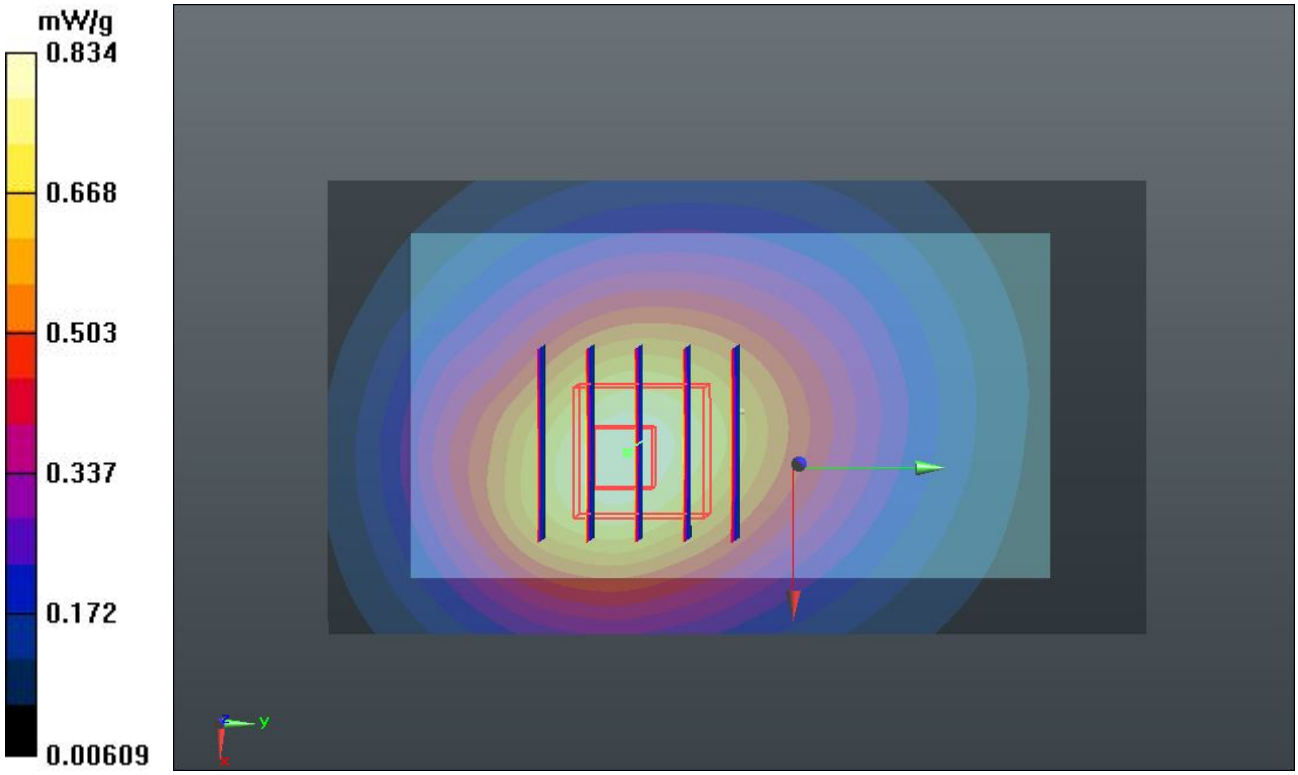
DUT: 1D2103

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.834 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.443 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.1050
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



14 GSM850_GPRS12_Bottom_1.5cm_Ch128_2D

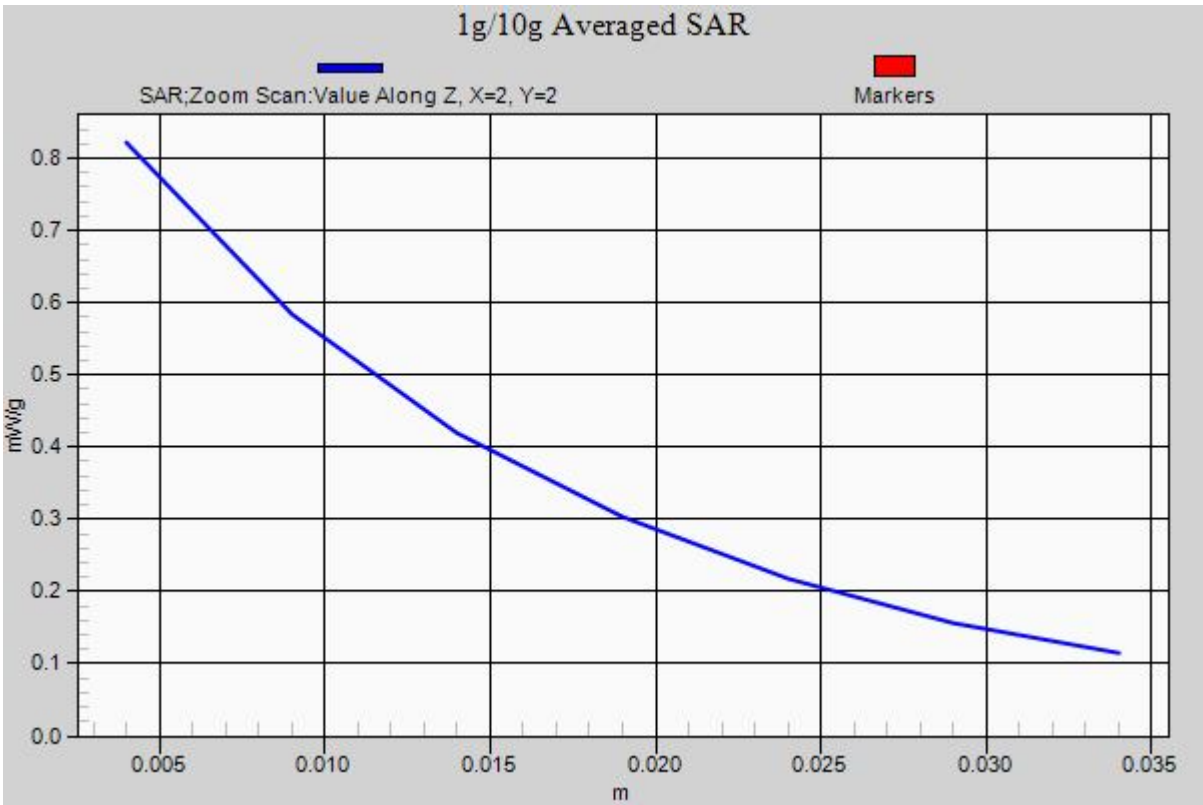
DUT: 1D2103

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_111231 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.437; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.834 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.443 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.1050
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



11 GSM1900_GPRS12_Face_1.5cm_Ch810

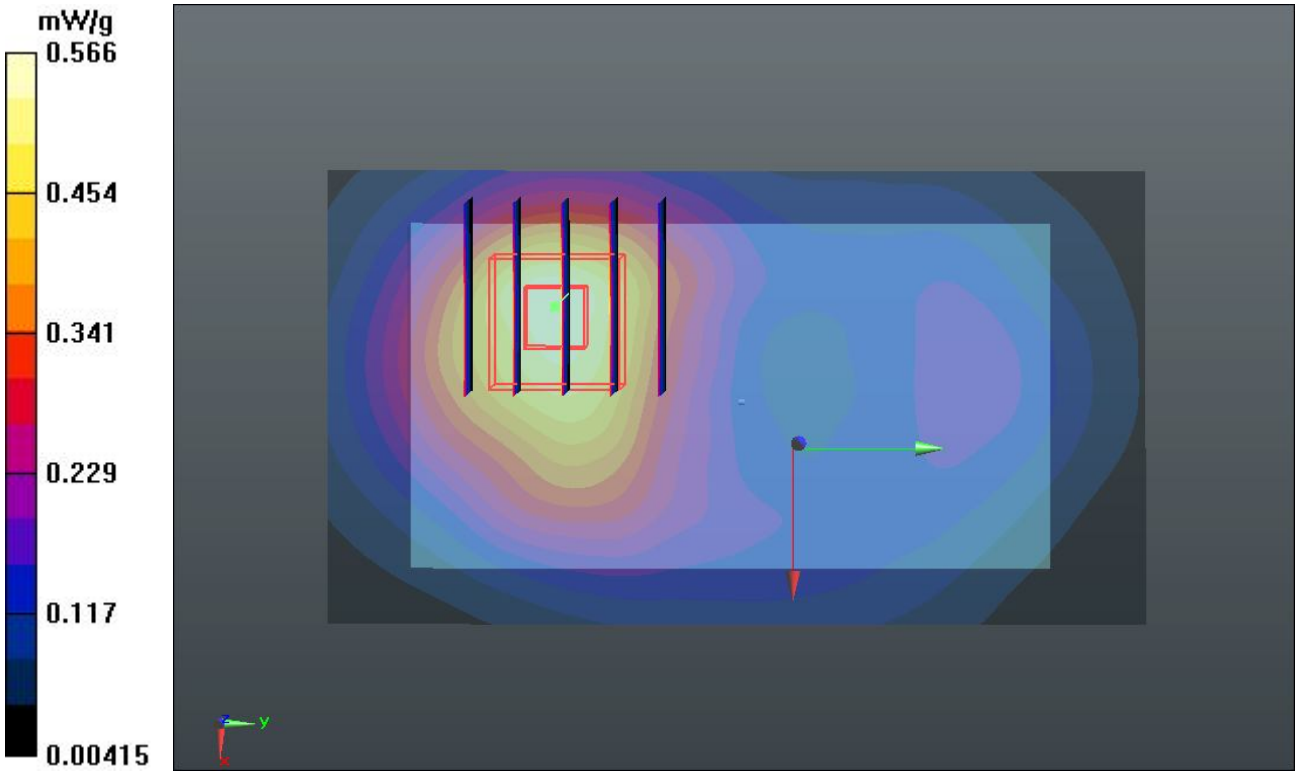
DUT: 1D2103

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.566 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.691 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.8610
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.568 mW/g



11 GSM1900_GPRS12_Face_1.5cm_Ch810_2D

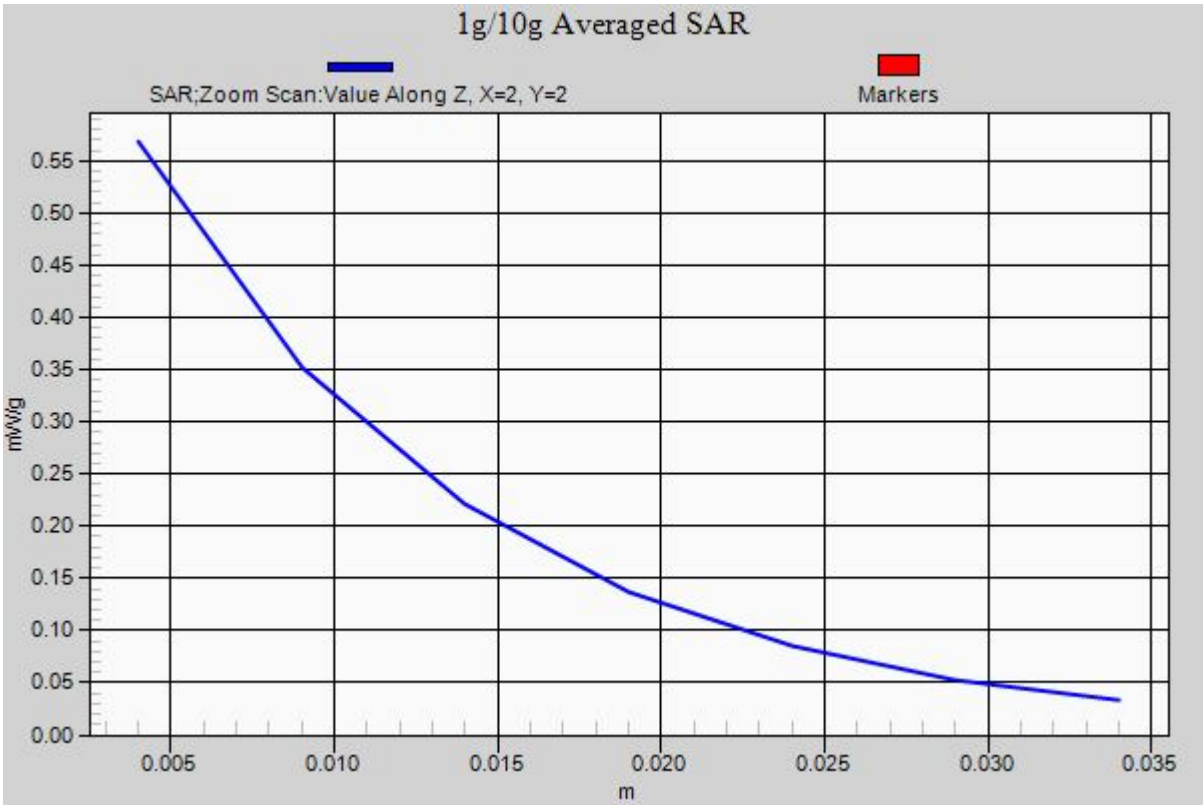
DUT: 1D2103

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.566 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.691 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.8610
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.568 mW/g

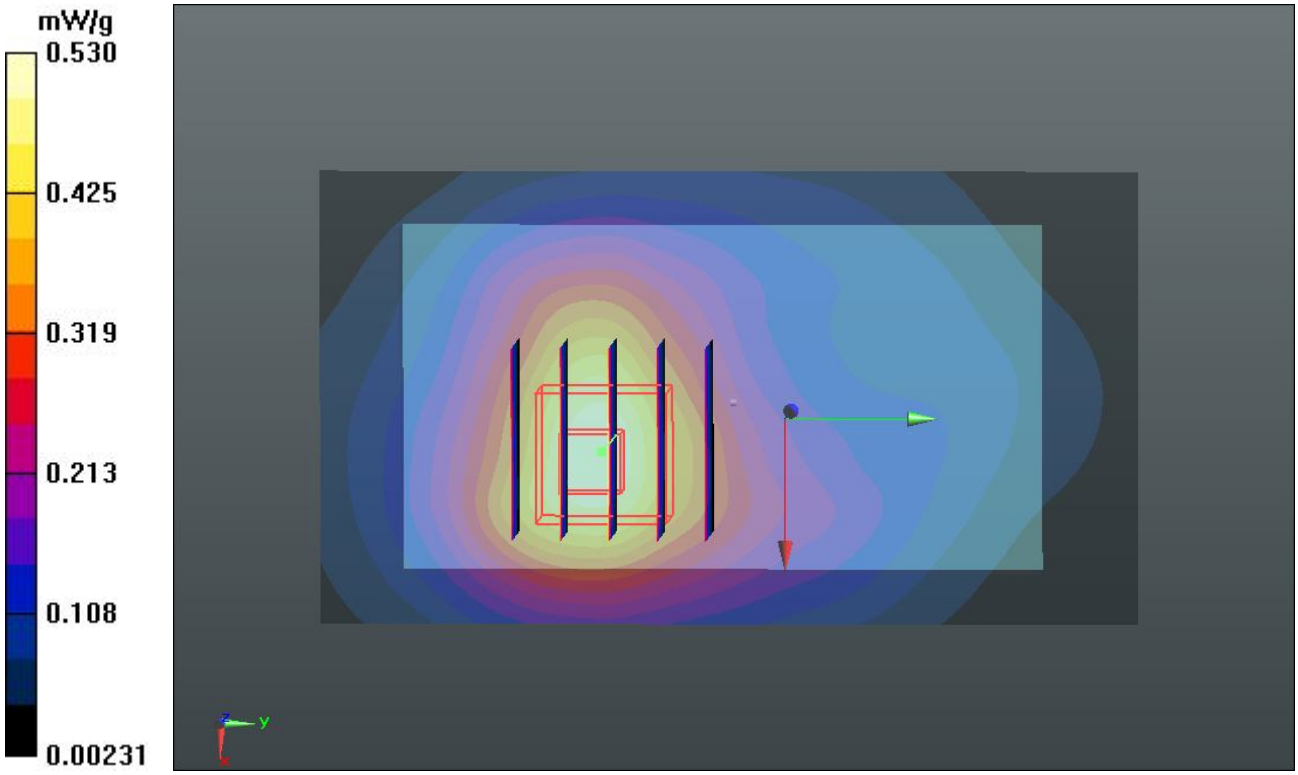


12 GSM1900_GPRS12_Bottom_1.5cm_Ch810

DUT: 1D2103

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111231 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.530 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.377 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.7950
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.527 mW/g