#15 GSM850_Right Cheek_Ch128

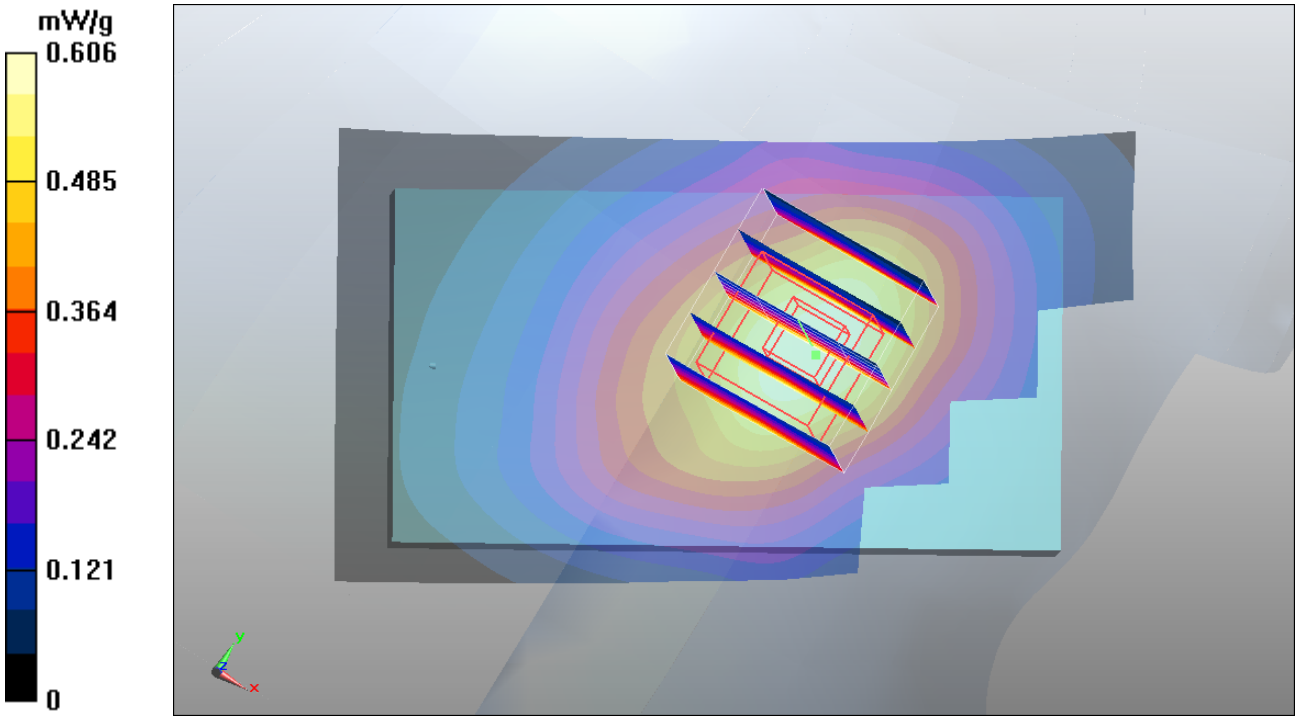
DUT: 0D3005

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.606 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.96 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.796 W/kg
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.621 mW/g


mW/g
0.606
0.485
0.364
0.242
0.121
0

#16 GSM850_Right Tilted_Ch128

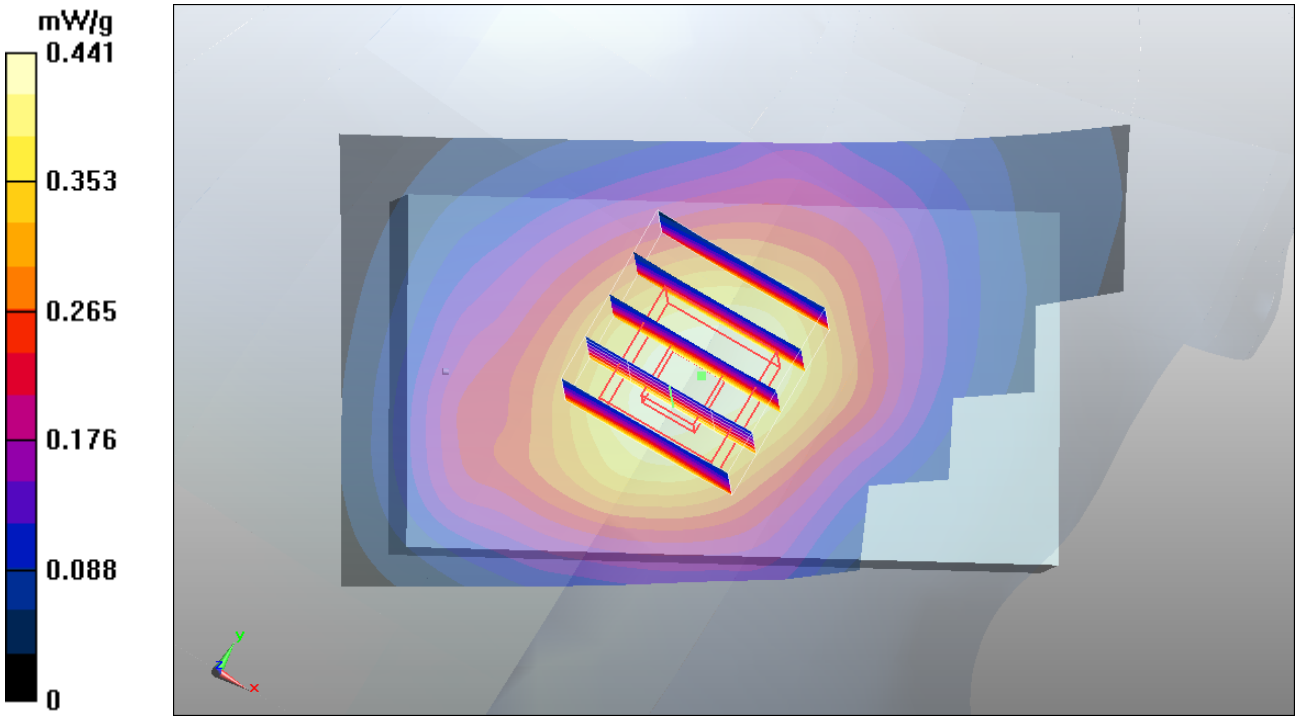
DUT: 0D3005

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.441 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 0.433 mW/g


mW/g
0.441
0.353
0.265
0.176
0.088
0

#17 GSM850_Left Cheek_Ch128

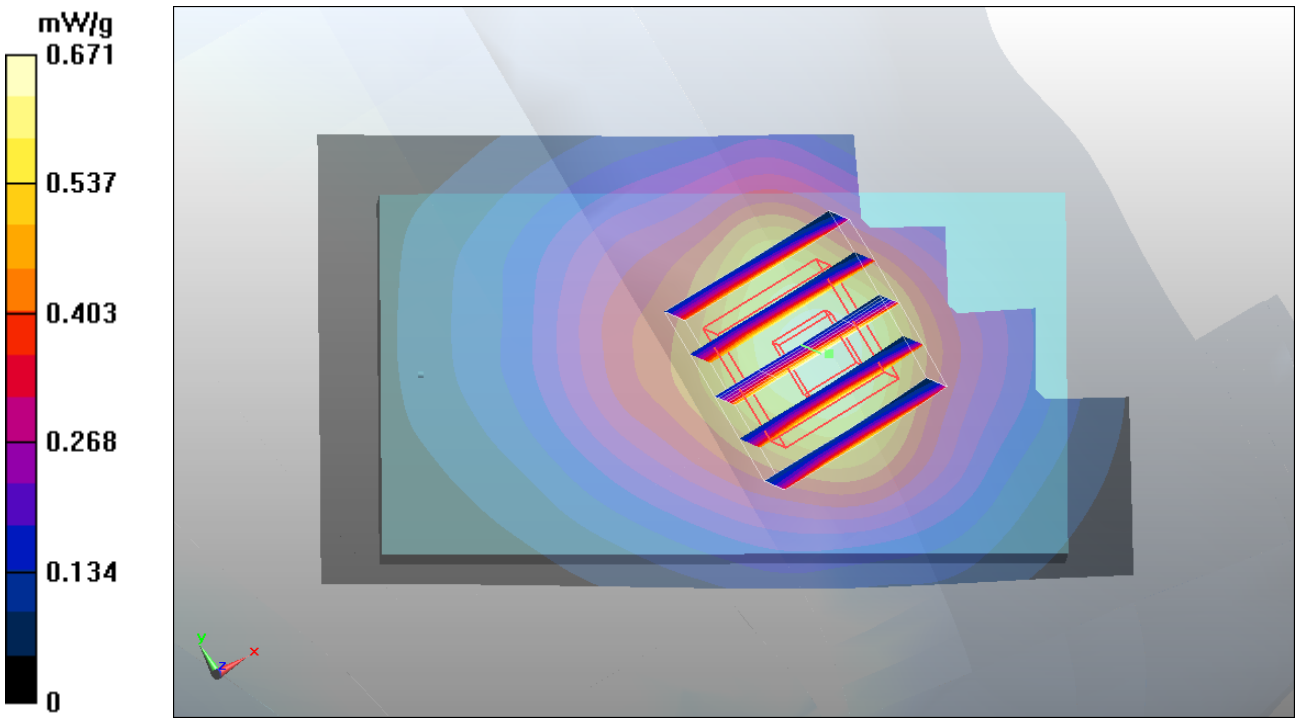
DUT: 0D3005

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.671 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.97 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.704 mW/g


mW/g
0.671
0.537
0.403
0.268
0.134
0

#17 GSM850_Left Cheek_Ch128_2D

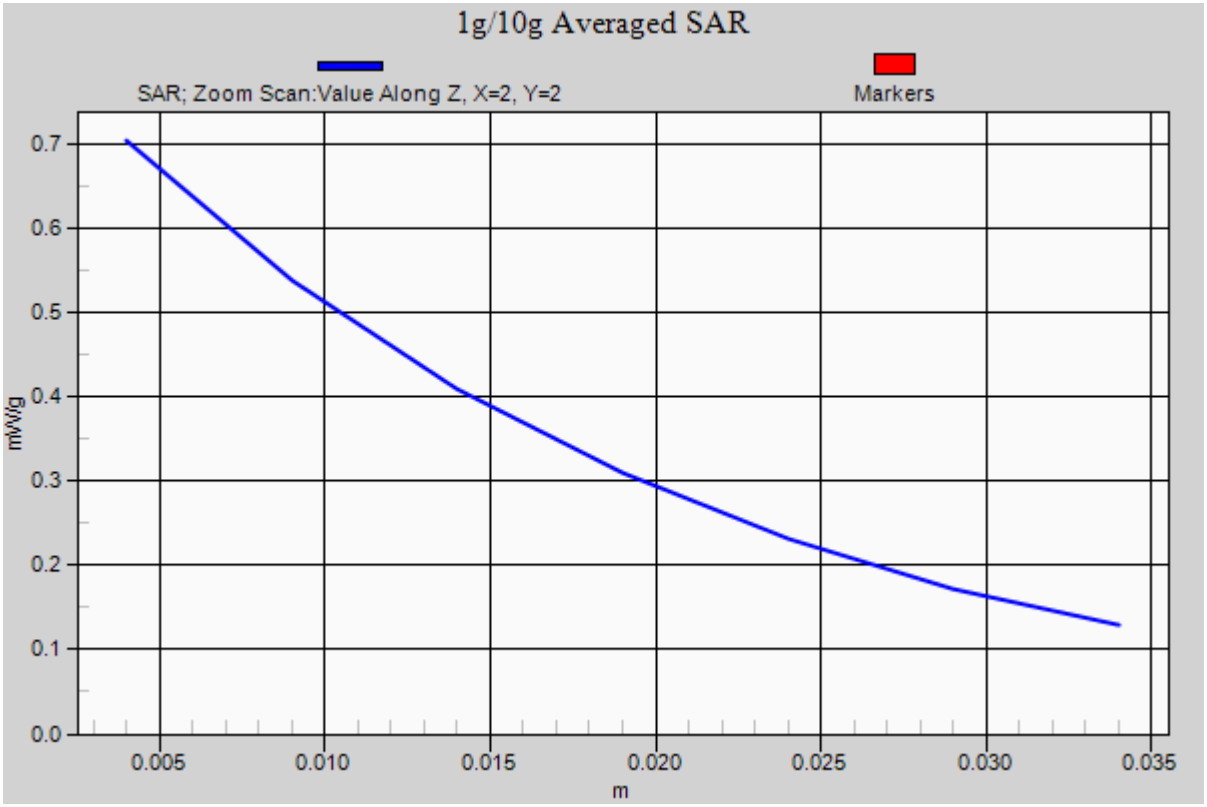
DUT: 0D3005

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.671 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.97 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.704 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
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

#18 GSM850_Left Tilted_Ch128

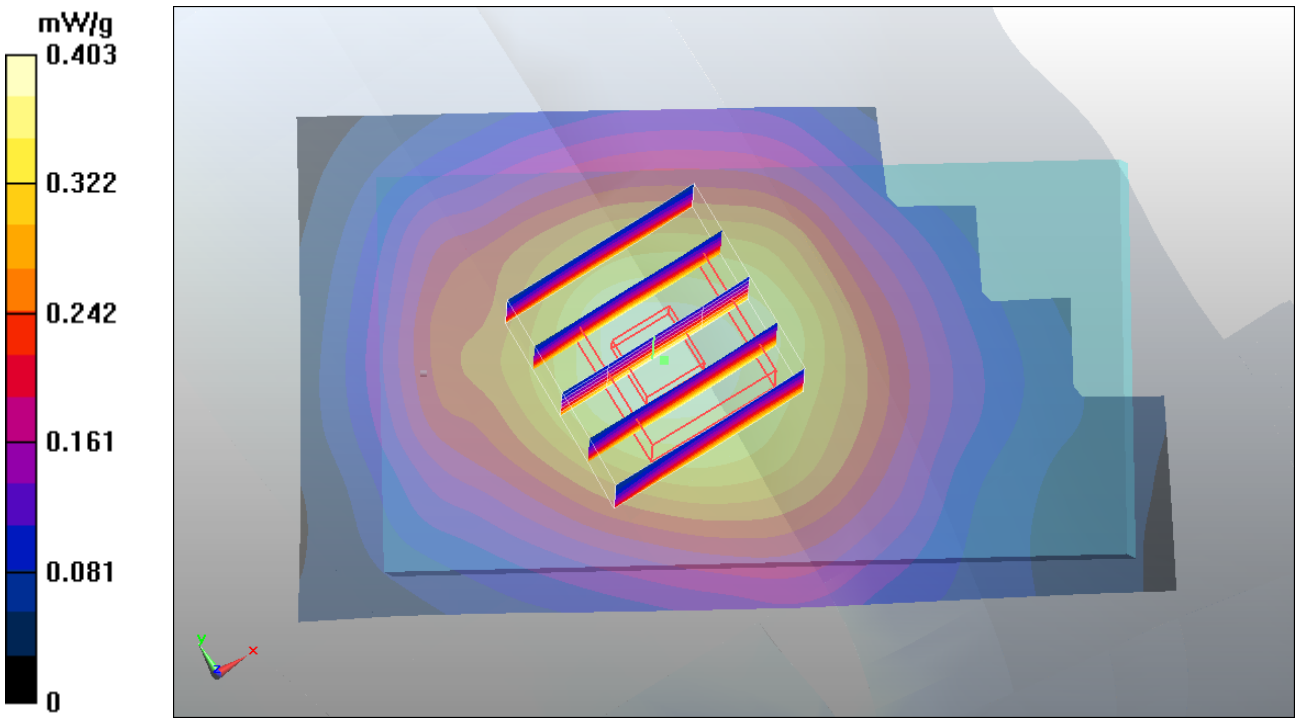
DUT: 0D3005

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.403 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.407 mW/g


mW/g
0.403
0.322
0.242
0.161
0.081
0

#13 GSM1900_Right Cheek_Ch512

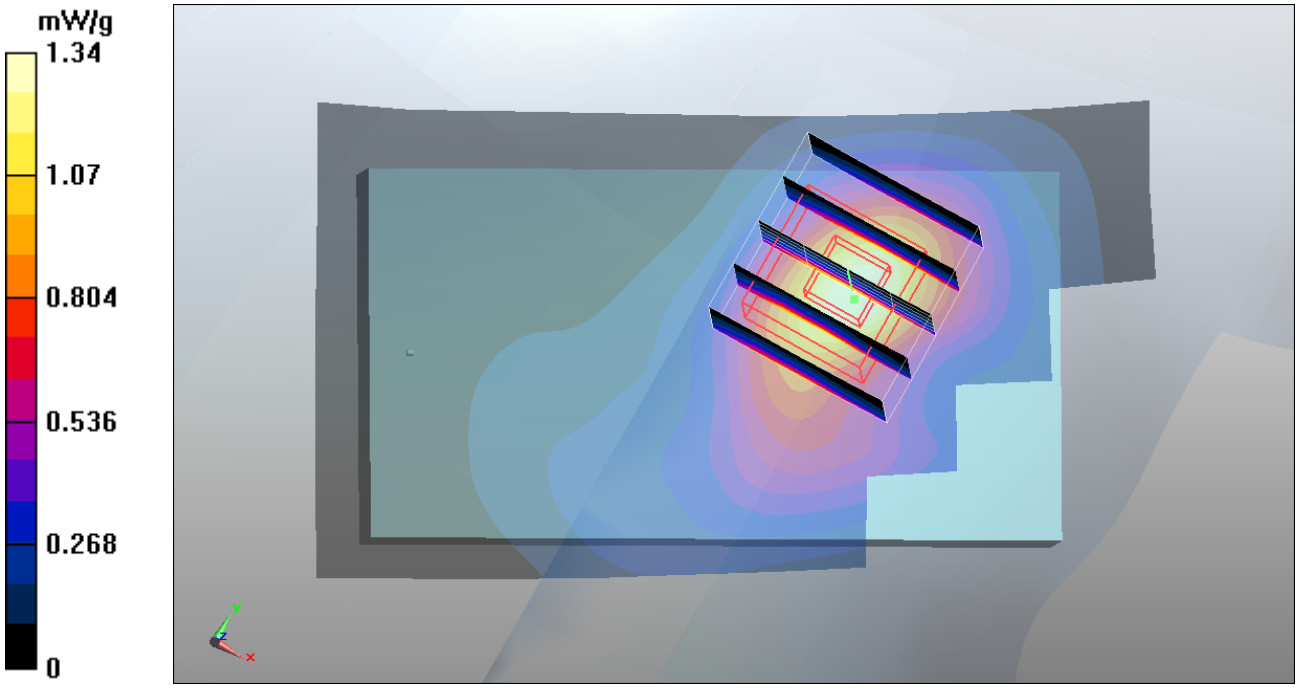
DUT: 0D3005

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110222 Medium parameters used: f = 1850.2 MHz; σ = 1.36 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.7 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (measured) = 1.42 mW/g


mW/g
1.34
1.07
0.804
0.536
0.268
0

#13 GSM1900_Right Cheek_Ch512_2D

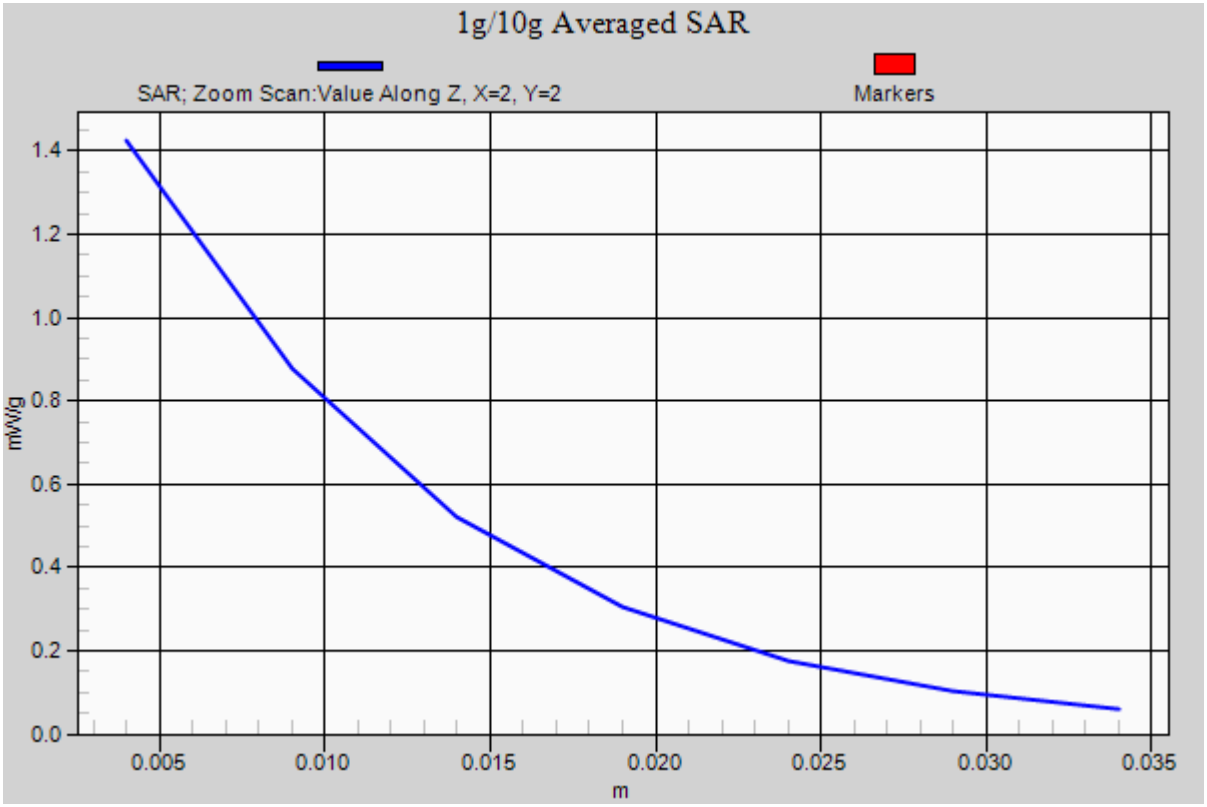
DUT: 0D3005

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110222 Medium parameters used: f = 1850.2 MHz; σ = 1.36 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.7 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (measured) = 1.42 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#10 GSM1900_Right Tilted_Ch810

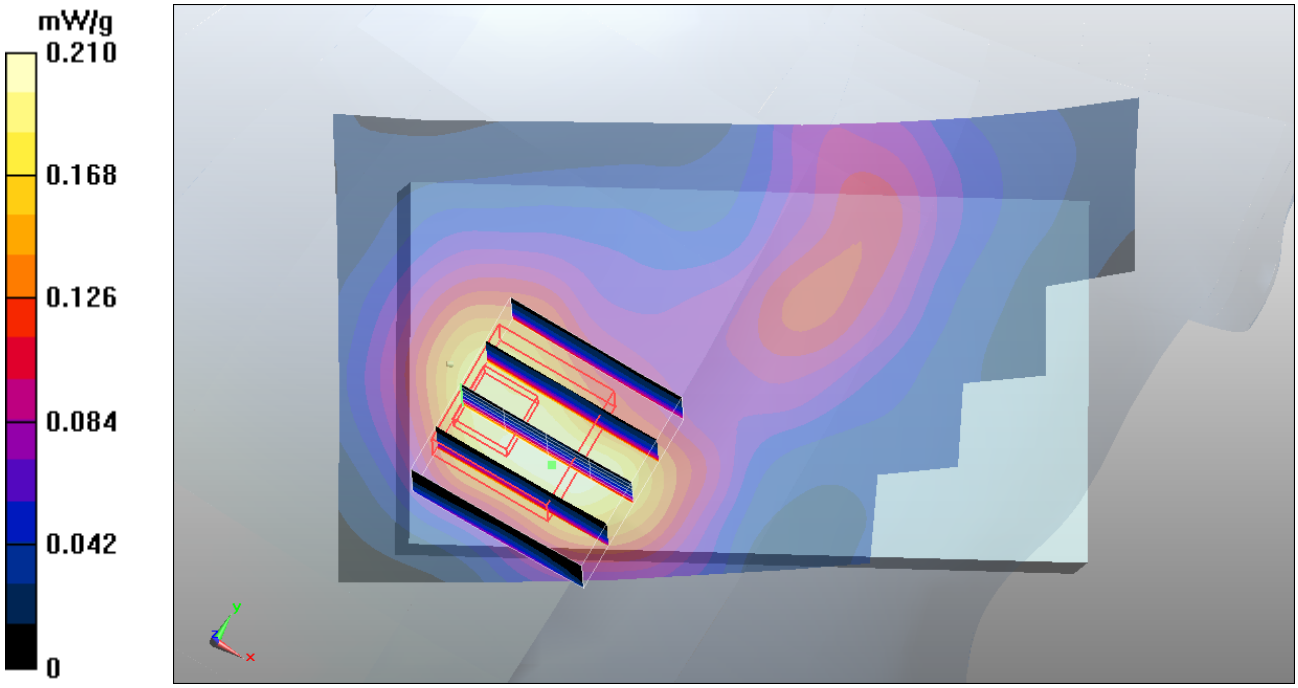
DUT: 0D3005

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110222 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.088 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.181 mW/g


mW/g
0.210
0.168
0.126
0.084
0.042
0

#11 GSM1900_Left Cheek_Ch810

DUT: 0D3005

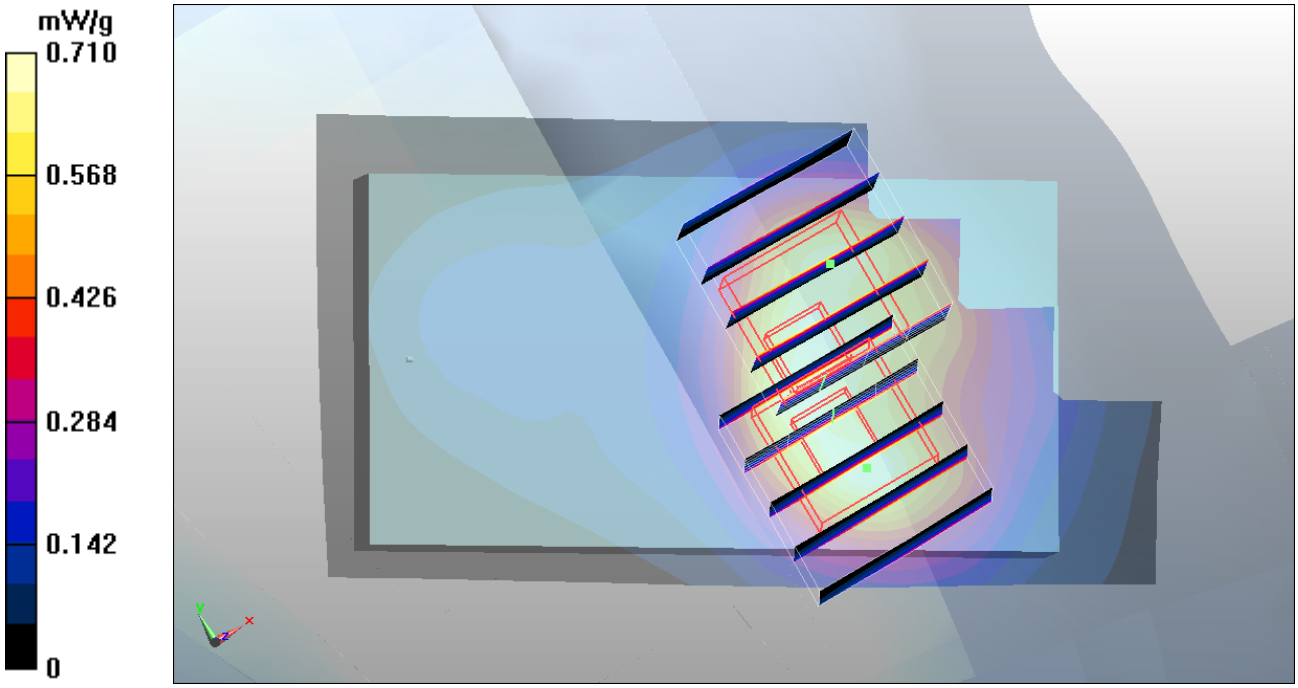
Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110222 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.710 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.64 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.815 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.64 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.755 mW/g


mW/g
0.710
0.568
0.426
0.284
0.142
0

#12 GSM1900_Left Tilted_Ch810

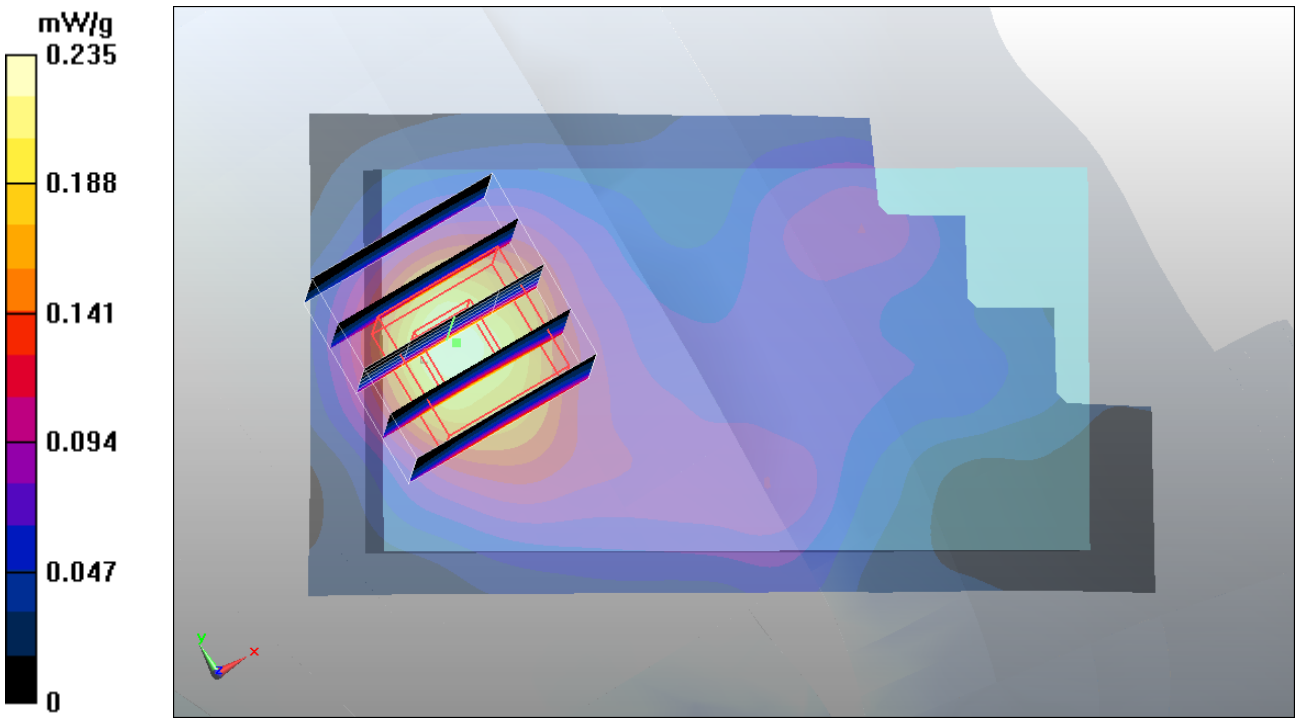
DUT: 0D3005

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110222 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.235 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.219 mW/g


mW/g
0.235
0.188
0.141
0.094
0.047
0

#01 WCDMA IV_RMC 12.2K_Right Cheek_Ch1513

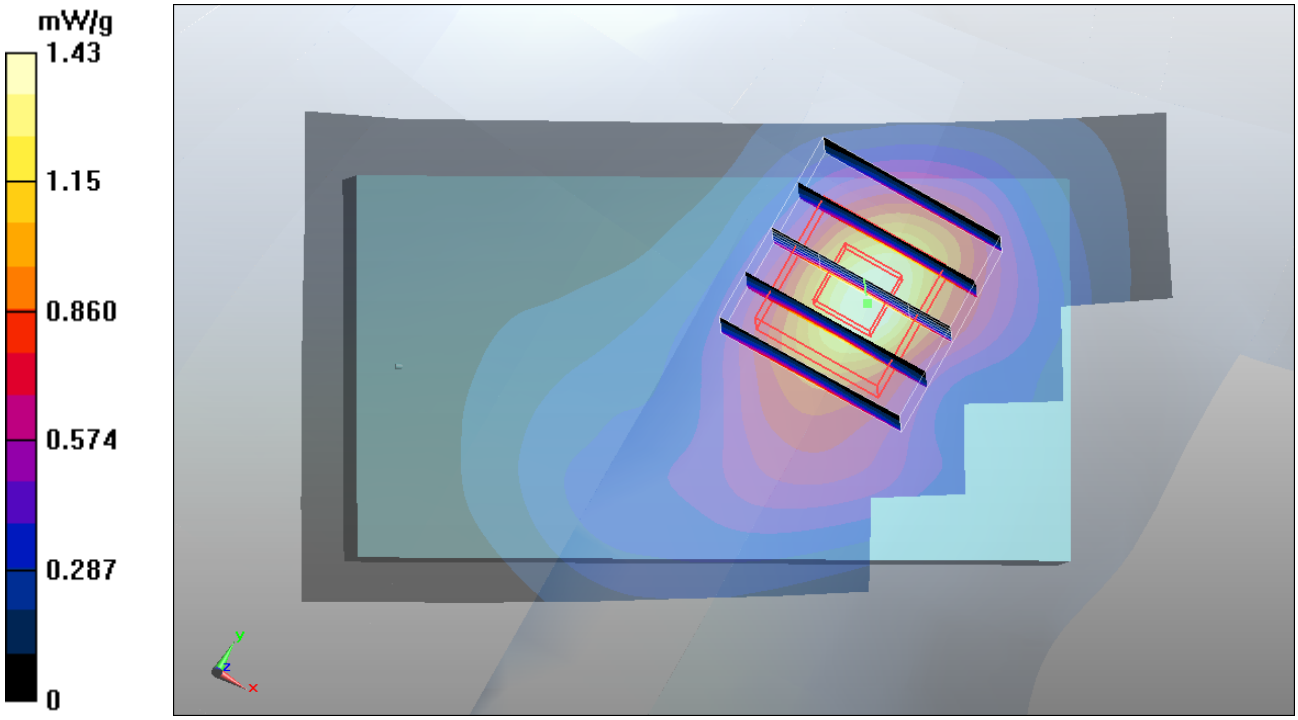
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.38 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.5 mW/g


mW/g
1.43
1.15
0.860
0.574
0.287
0

#01 WCDMA IV_RMC 12.2K_Right Cheek_Ch1513_2D

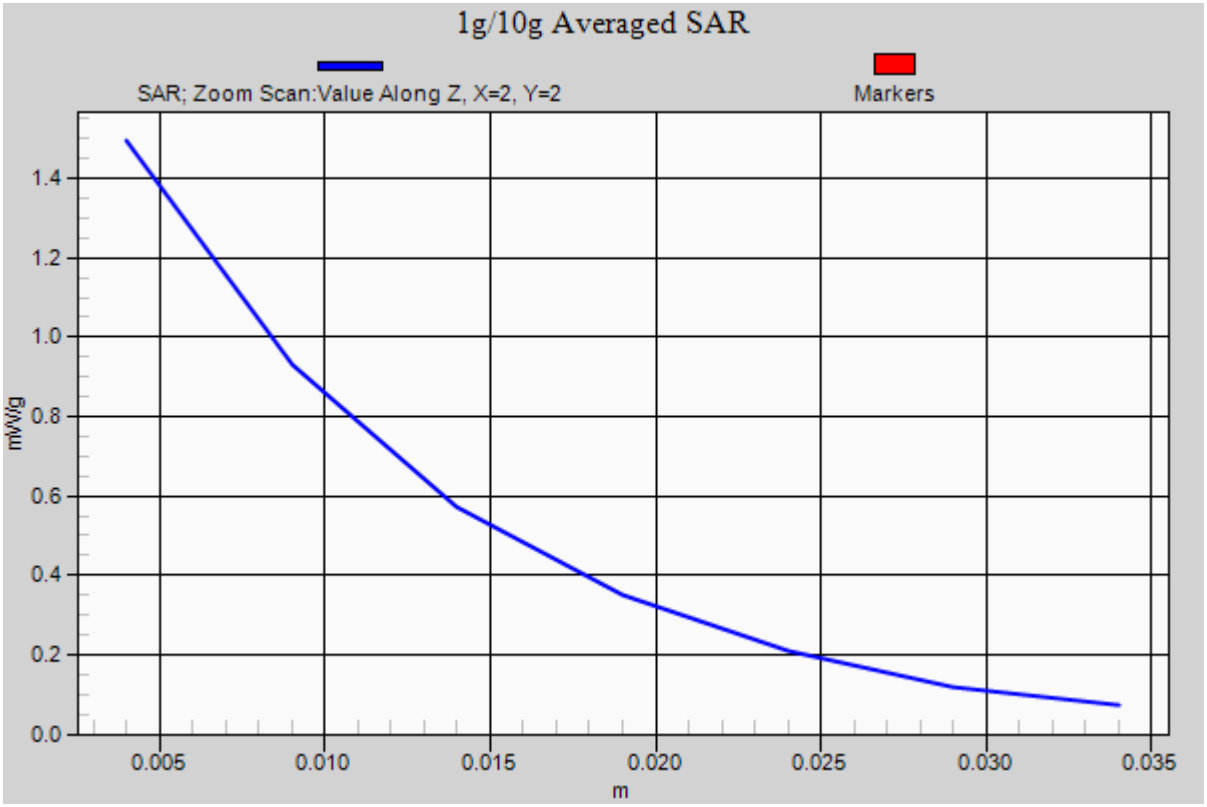
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.38 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.5 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#02 WCDMA IV_RMC 12.2K_Right Tilted_Ch1513

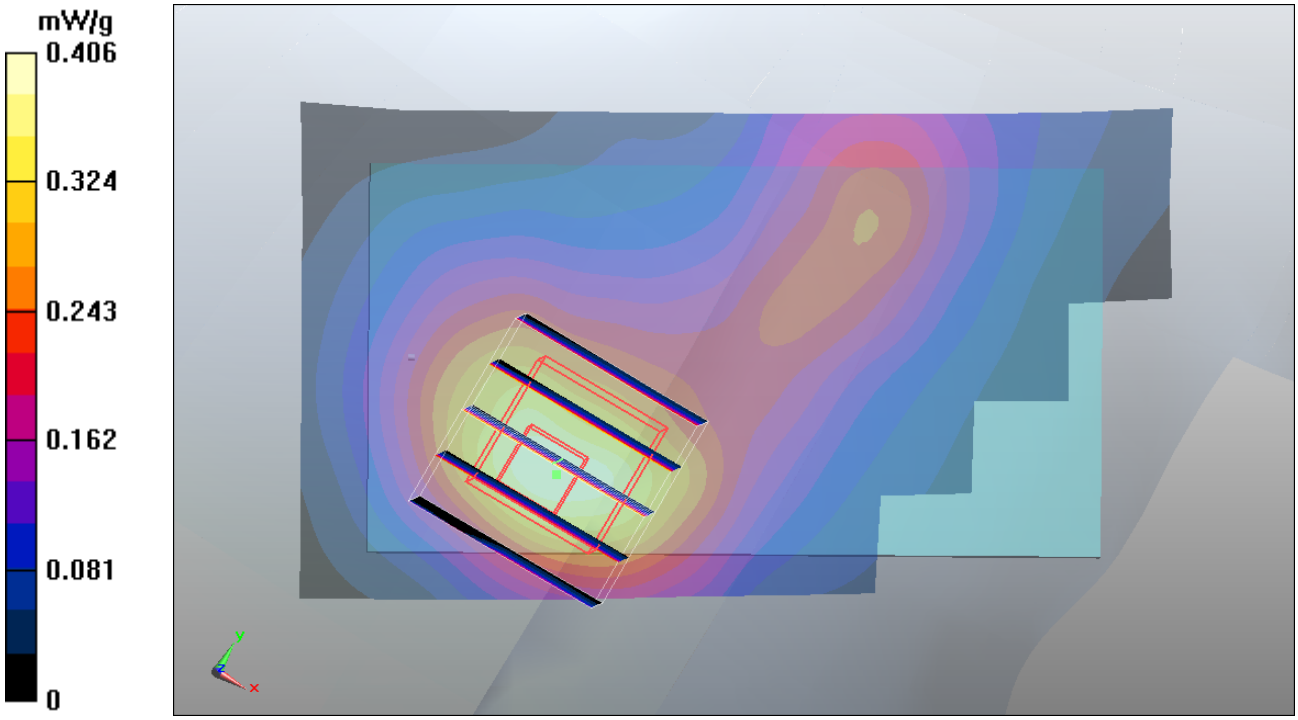
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.38 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.406 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.366 mW/g


mW/g
0.406
0.324
0.243
0.162
0.081
0

#03 WCDMA IV_RMC 12.2K_Left Cheek_Ch1513

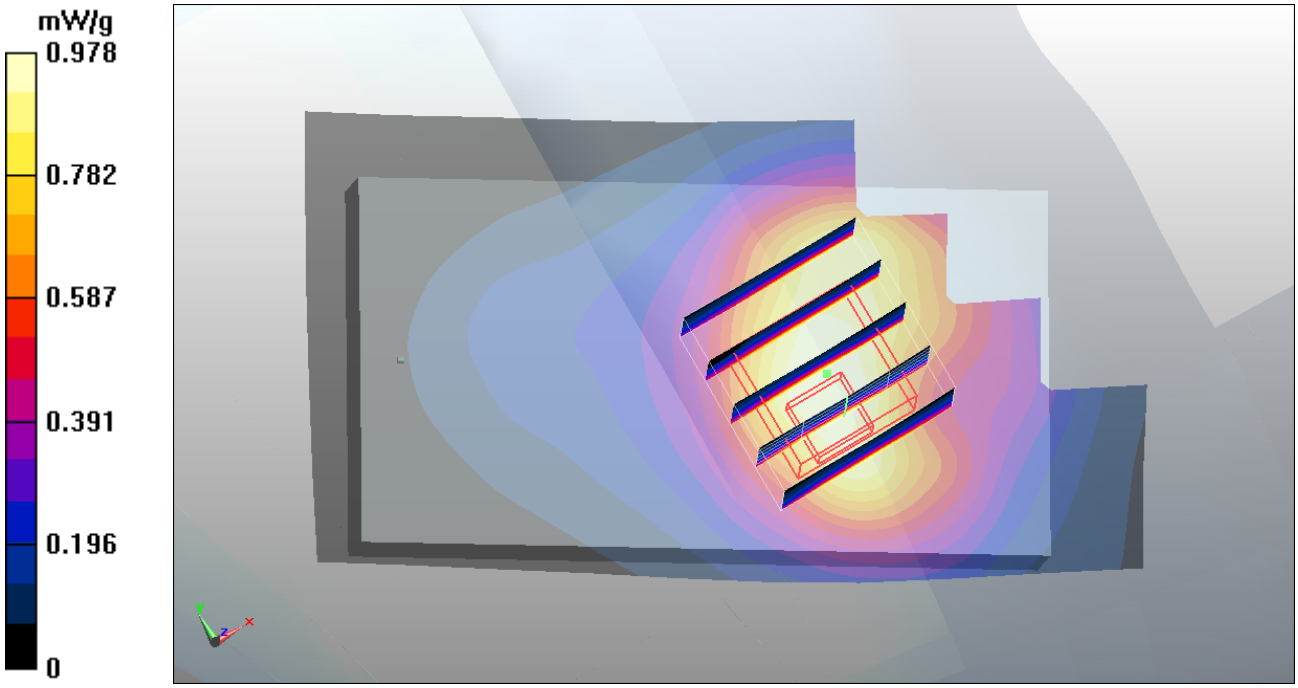
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.38 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.978 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.12 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.587 mW/g
Maximum value of SAR (measured) = 1.1 mW/g


mW/g
0.978
0.782
0.587
0.391
0.196
0

#04 WCDMA IV_RMC 12.2K_Left Tilted_Ch1513

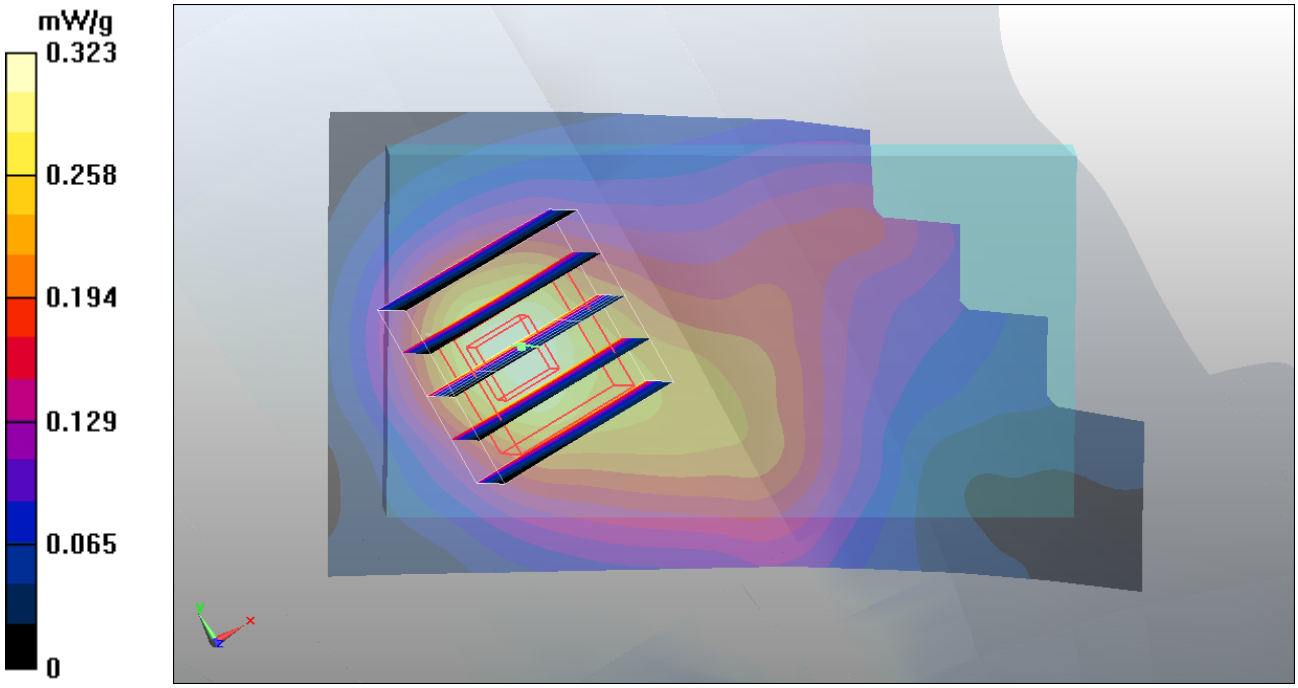
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.38 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.323 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.299 mW/g


mW/g
0.323
0.258
0.194
0.129
0.065
0

#27 GSM850_GPRS12_Bottom_1.5cm_Ch128

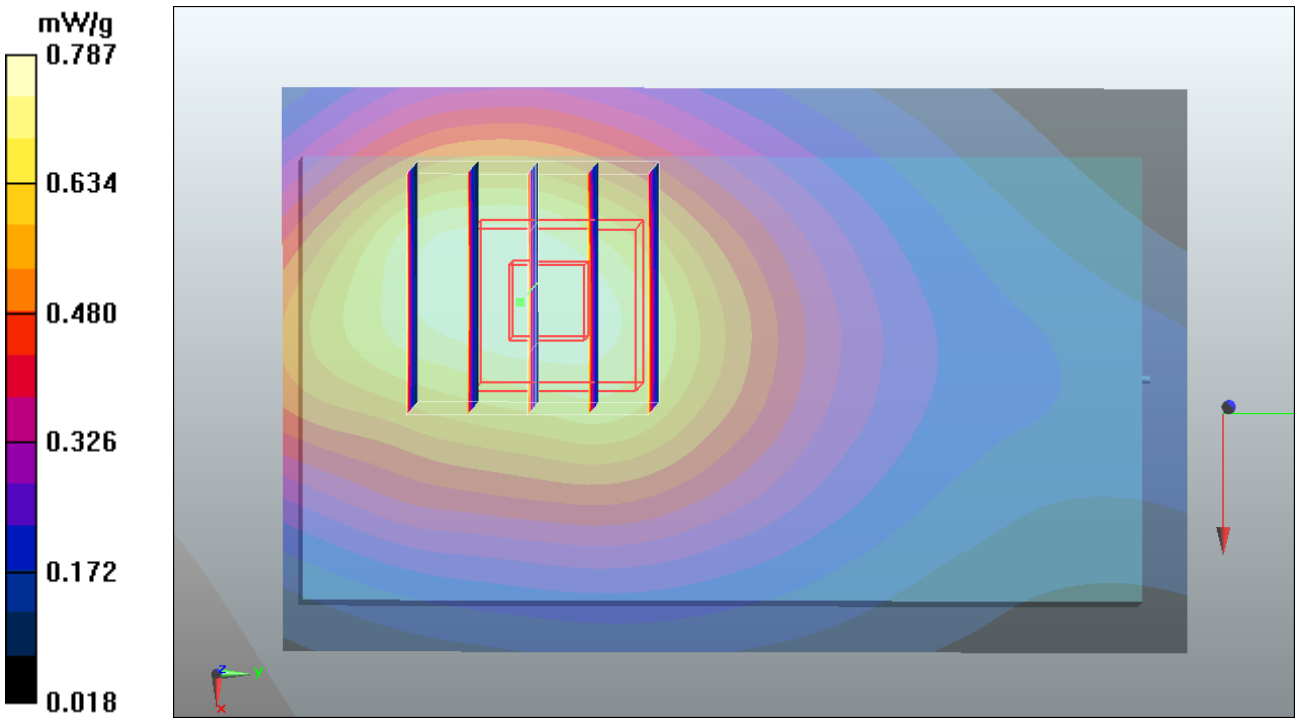
DUT: 0D3005

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.787 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 0.801 mW/g


mW/g
0.787
0.634
0.480
0.326
0.172
0.018

#27 GSM850_GPRS12_Bottom_1.5cm_Ch128_2D

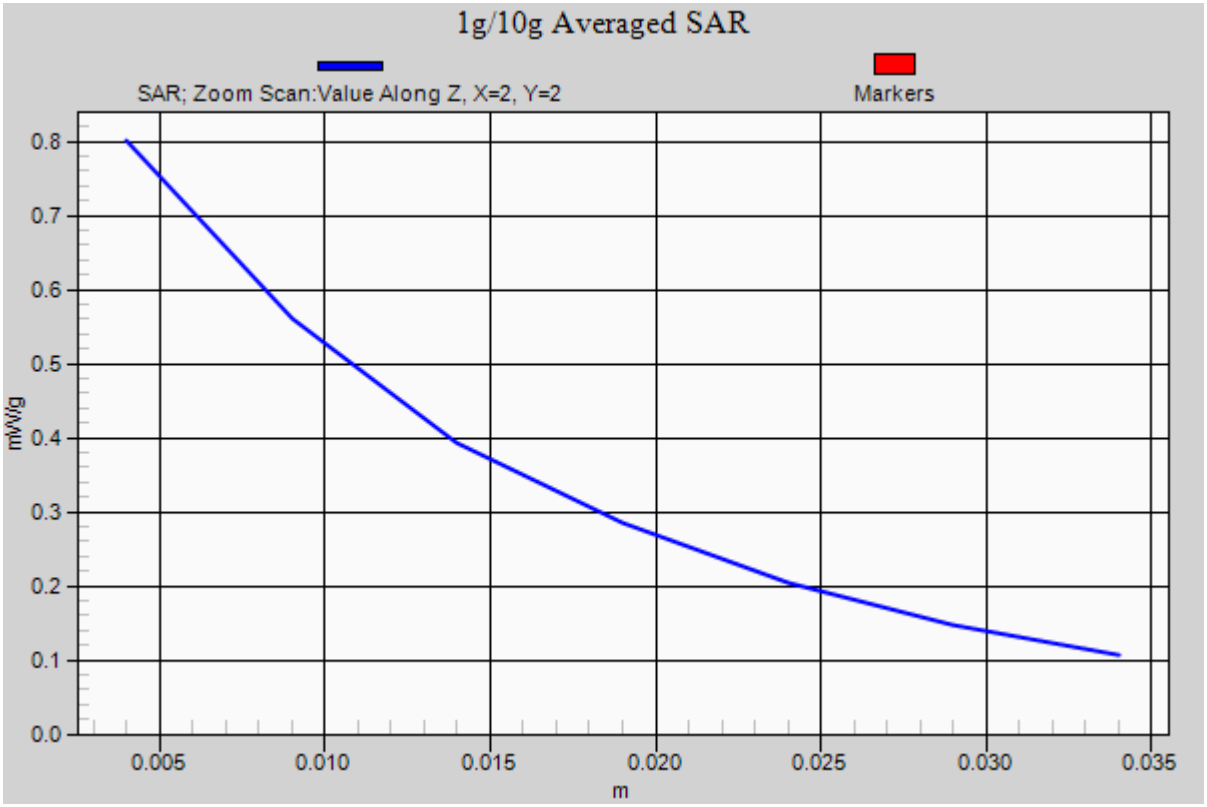
DUT: 0D3005

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.787 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 0.801 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
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

#28 GSM850_GPRS12_Face_1.5cm_Ch128

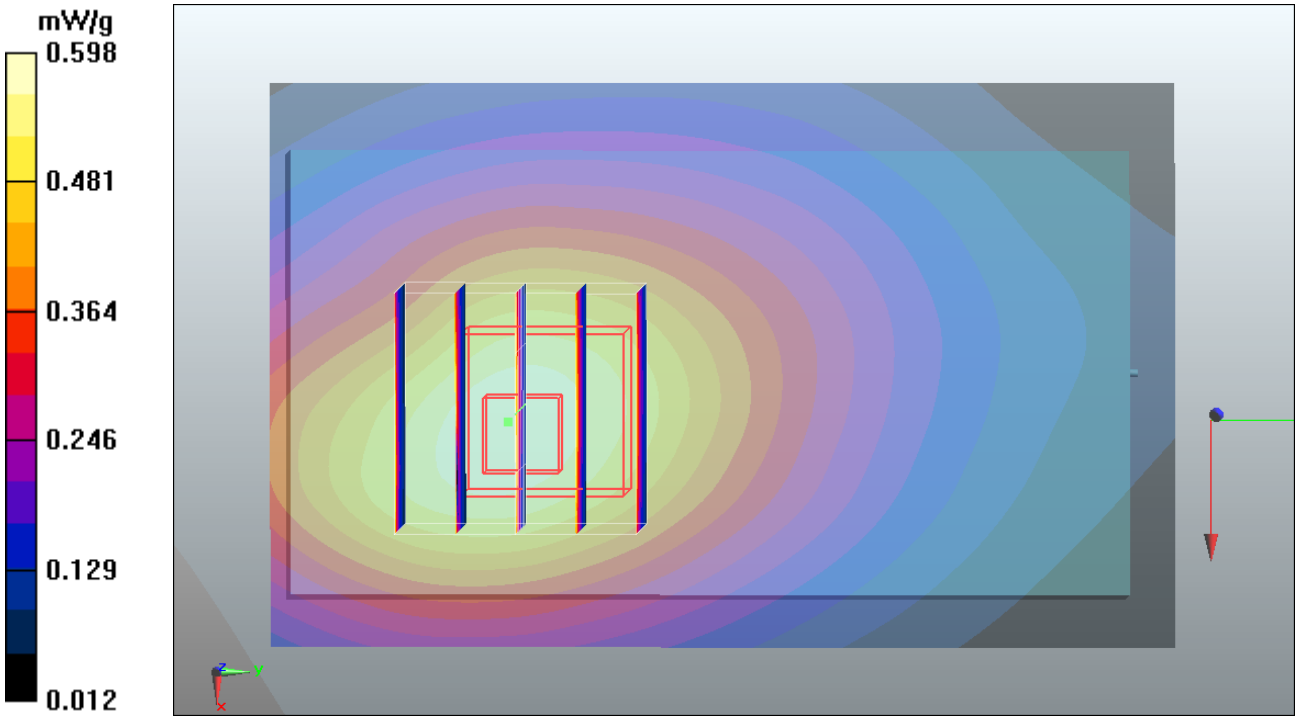
DUT: 0D3005

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_110222 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.598 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.16 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 0.572 mW/g


mW/g
0.598
0.481
0.364
0.246
0.129
0.012

#21 GSM1900_GPRS12_Bottom_1.5cm_Ch512

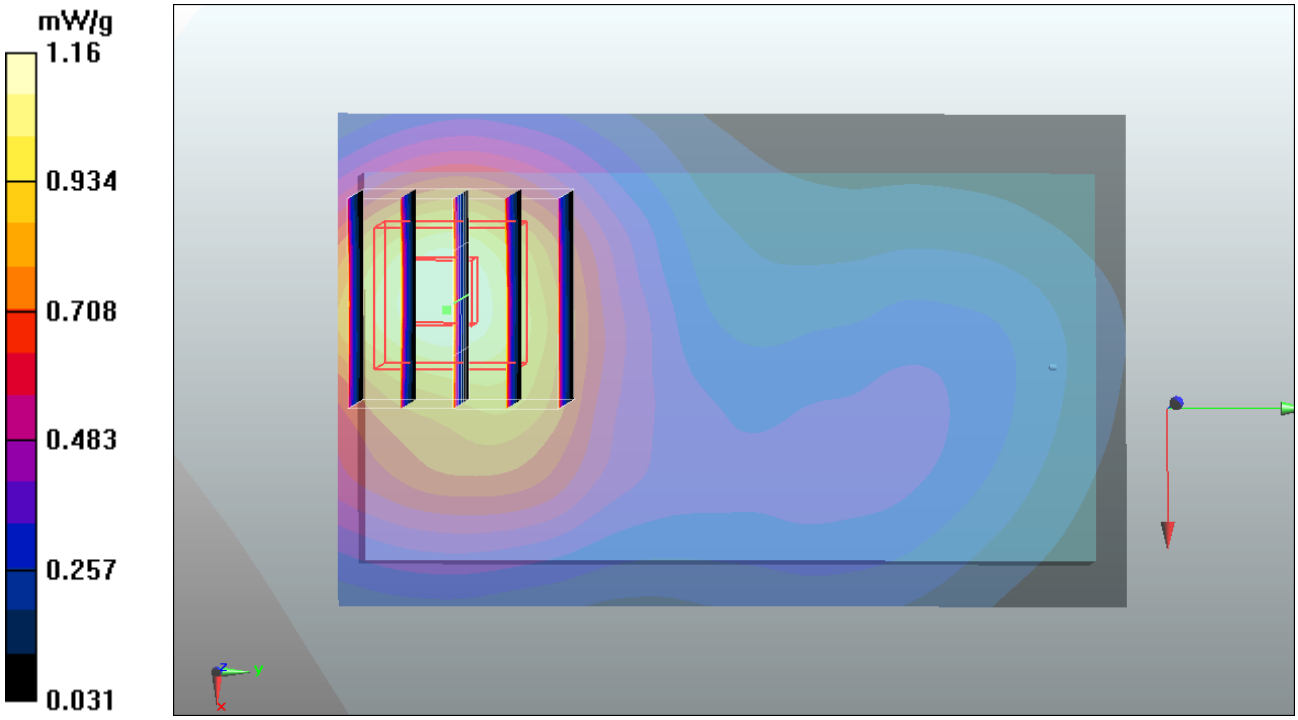
DUT: 0D3005

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_110222 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.653 mW/g
Maximum value of SAR (measured) = 1.15 mW/g


mW/g
1.16
0.934
0.708
0.483
0.257
0.031

#23 GSM1900_GPRS12_Face_1.5cm_Ch512

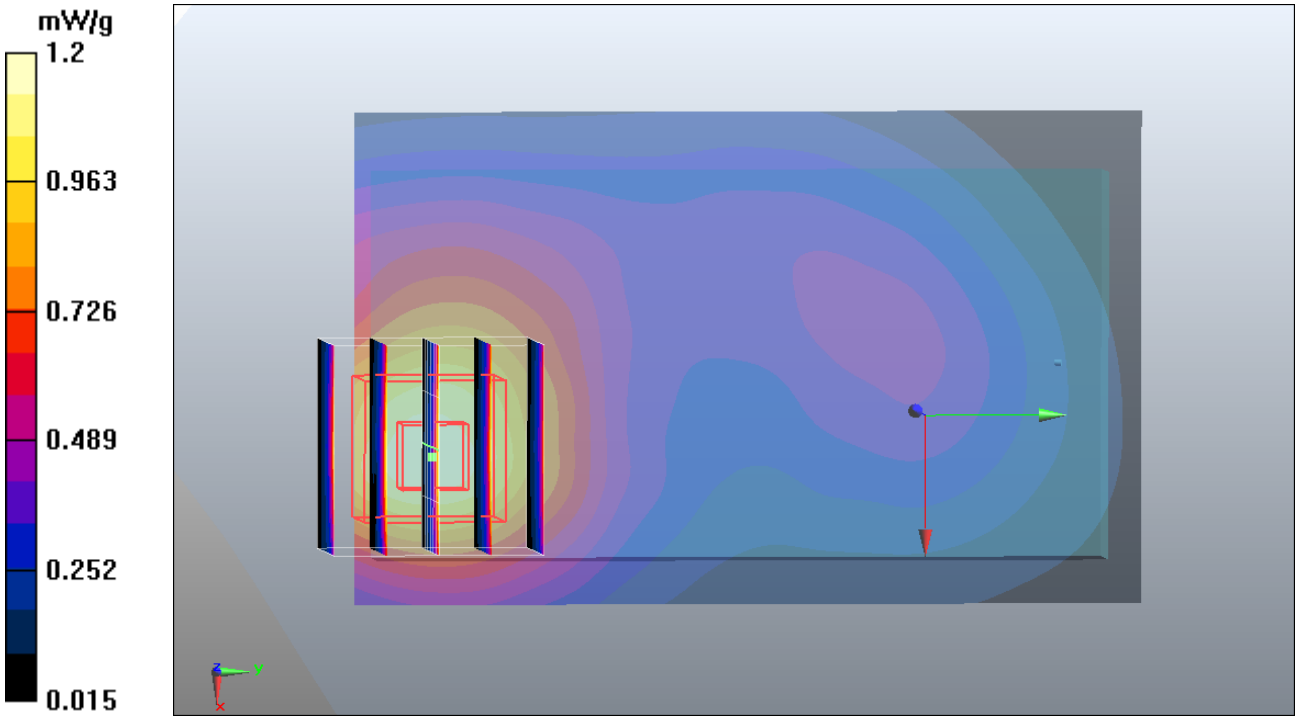
DUT: 0D3005

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_110222 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.2 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (measured) = 1.18 mW/g


mW/g
1.2
0.963
0.726
0.489
0.252
0.015

#23 GSM1900_GPRS12_Face_1.5cm_Ch512_2D

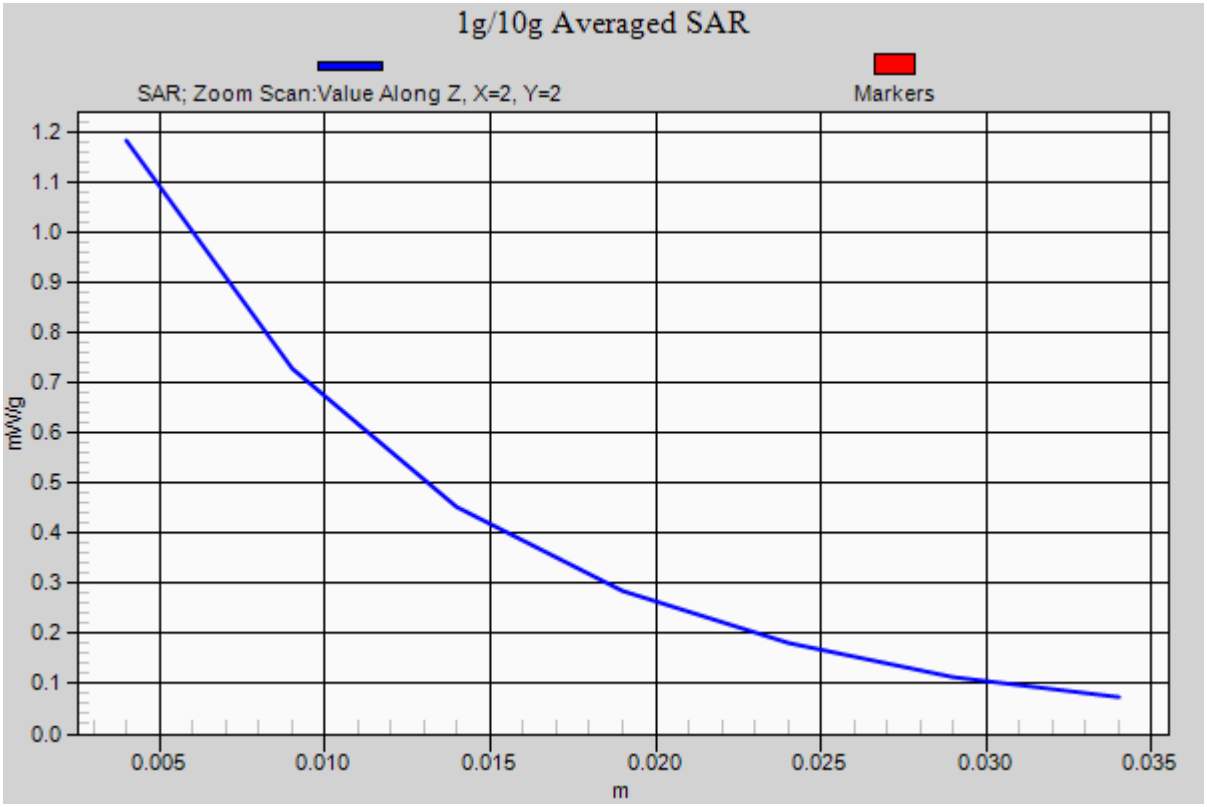
DUT: 0D3005

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_110222 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.2 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (measured) = 1.18 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.2
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

#25 WCDMA IV_RMC 12.2K_Bottom_1.5cm_Ch1513

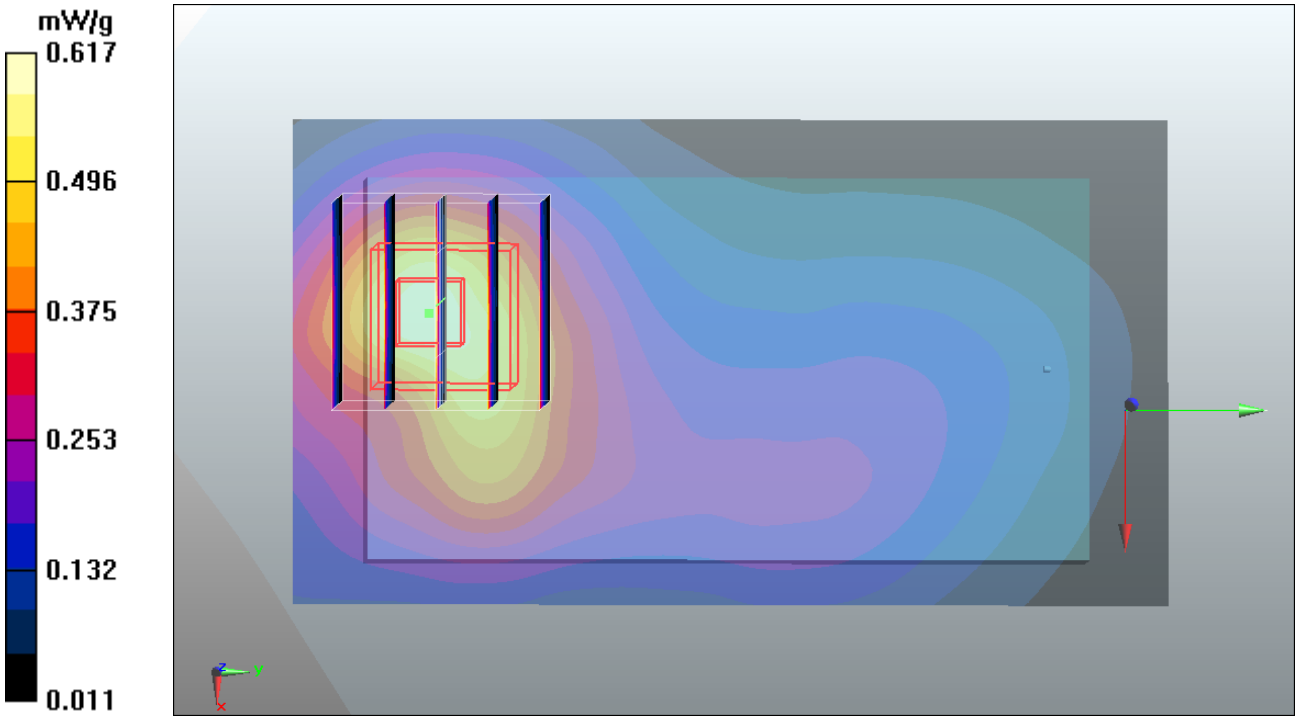
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.51 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.617 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.33 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.920 W/kg
SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.610 mW/g


mW/g
0.617
0.496
0.375
0.253
0.132
0.011

#25 WCDMA IV_RMC 12.2K_Bottom_1.5cm_Ch1513_2D

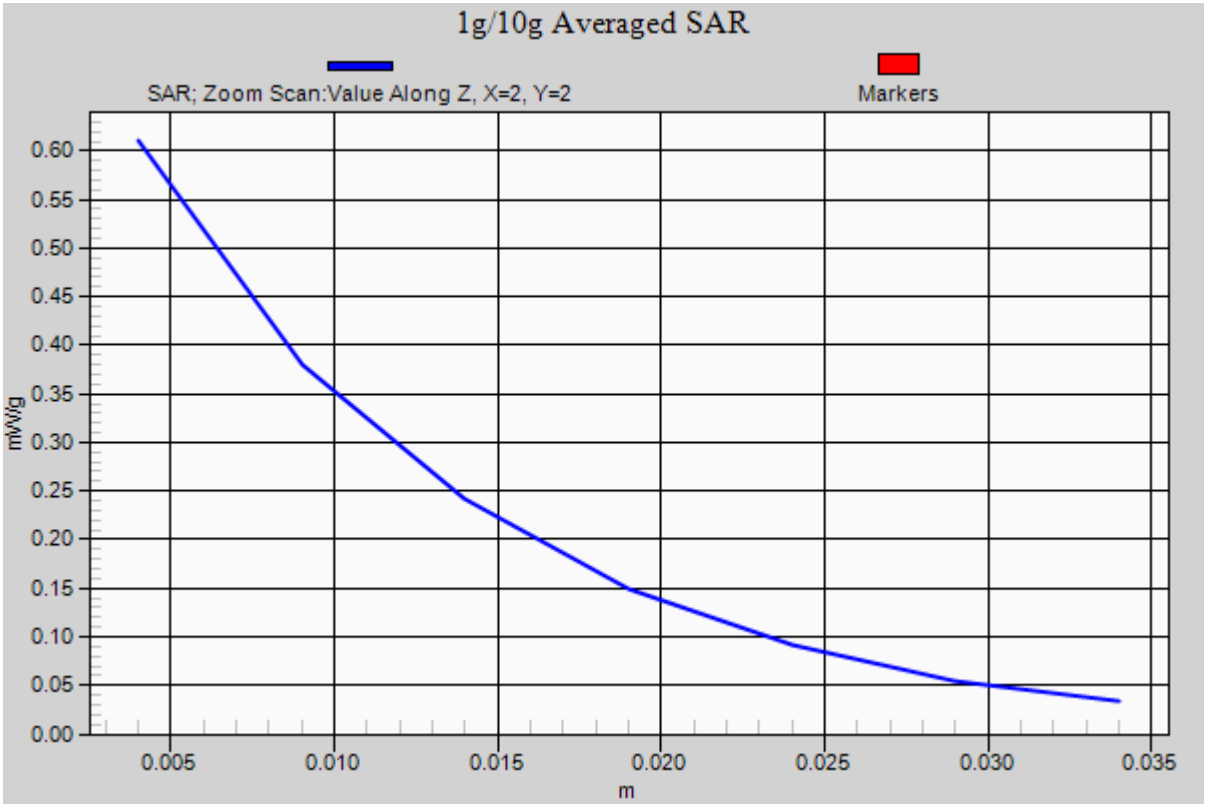
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.51 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.617 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.33 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.920 W/kg
SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.610 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.60
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

#26 WCDMA IV_RMC 12.2K_Face_1.5cm_Ch1513

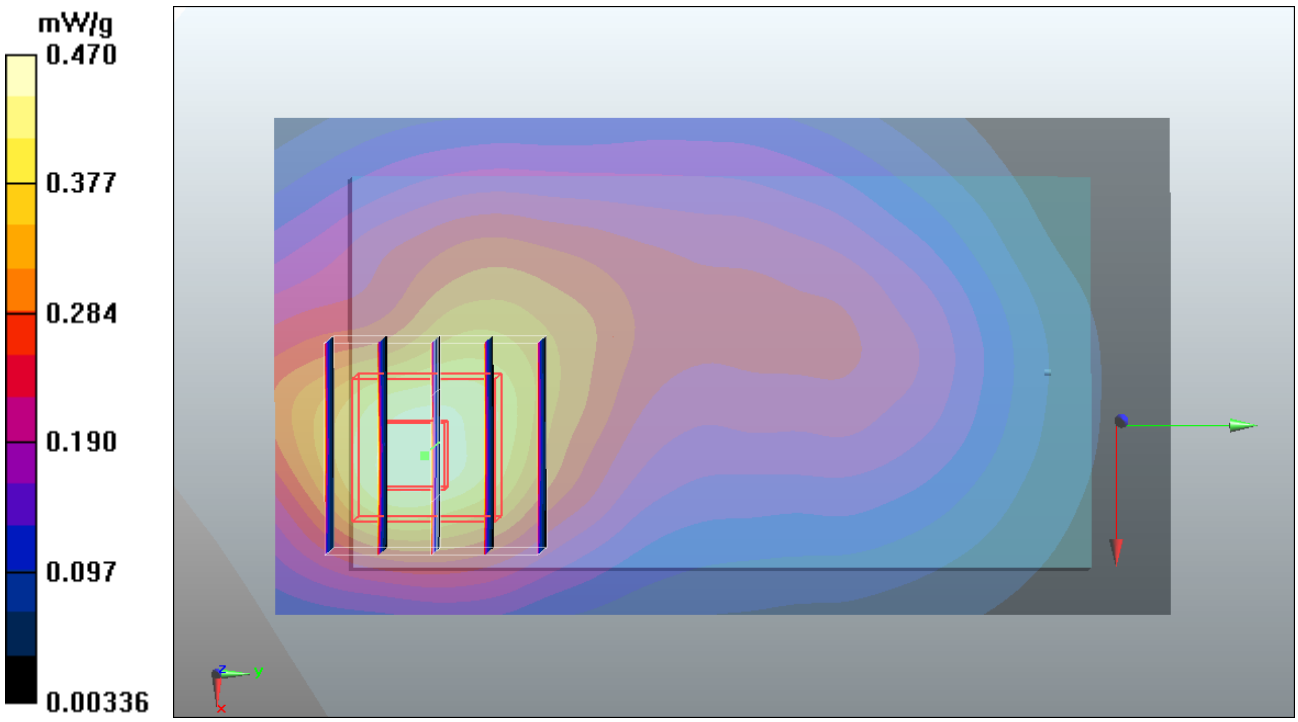
DUT: 0D3005

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110222 Medium parameters used: f = 1753 MHz; σ = 1.51 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010-11-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.470 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.68 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.484 mW/g


mW/g
0.470
0.377
0.284
0.190
0.097
0.00336