#01 GSM850_Right Cheek_Ch189

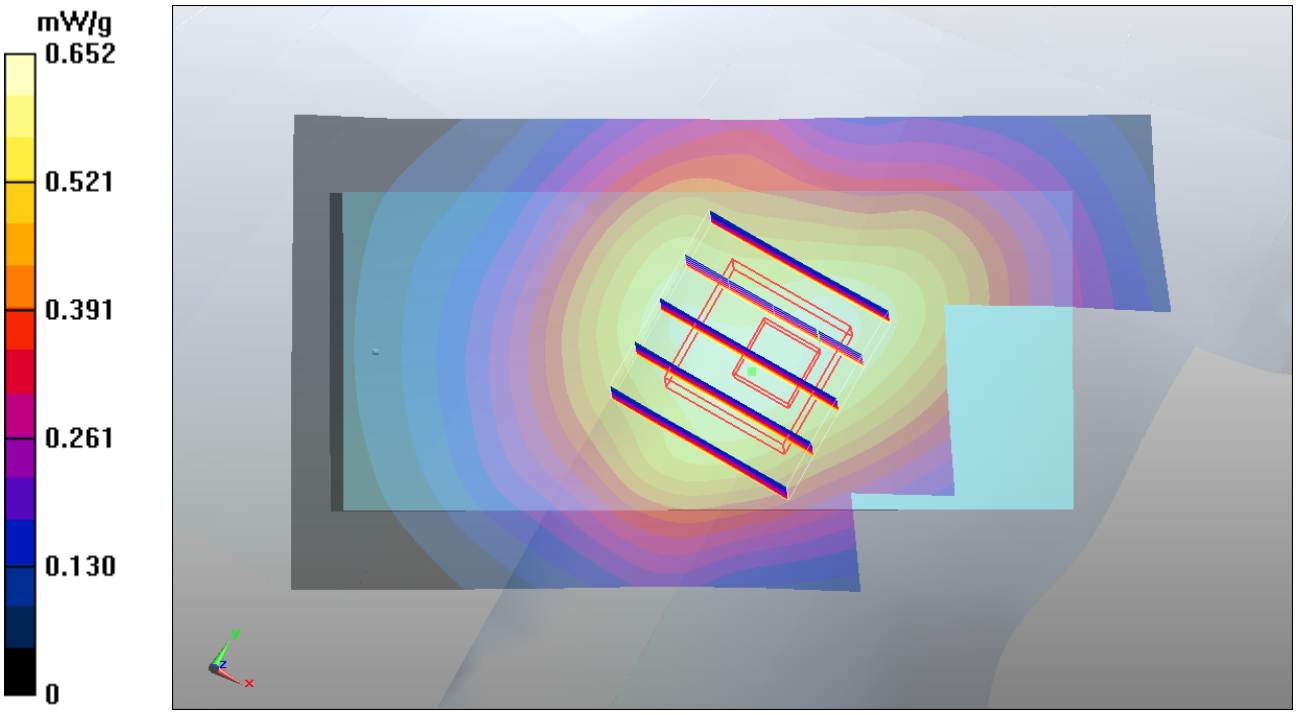
DUT: 140601

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110415 Medium parameters used: f = 836.4 MHz; σ = 0.911 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.652 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.42 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.813 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.644 mW/g


mW/g
0.652
0.521
0.391
0.261
0.130
0

#02 GSM850_Right Tilted_Ch189

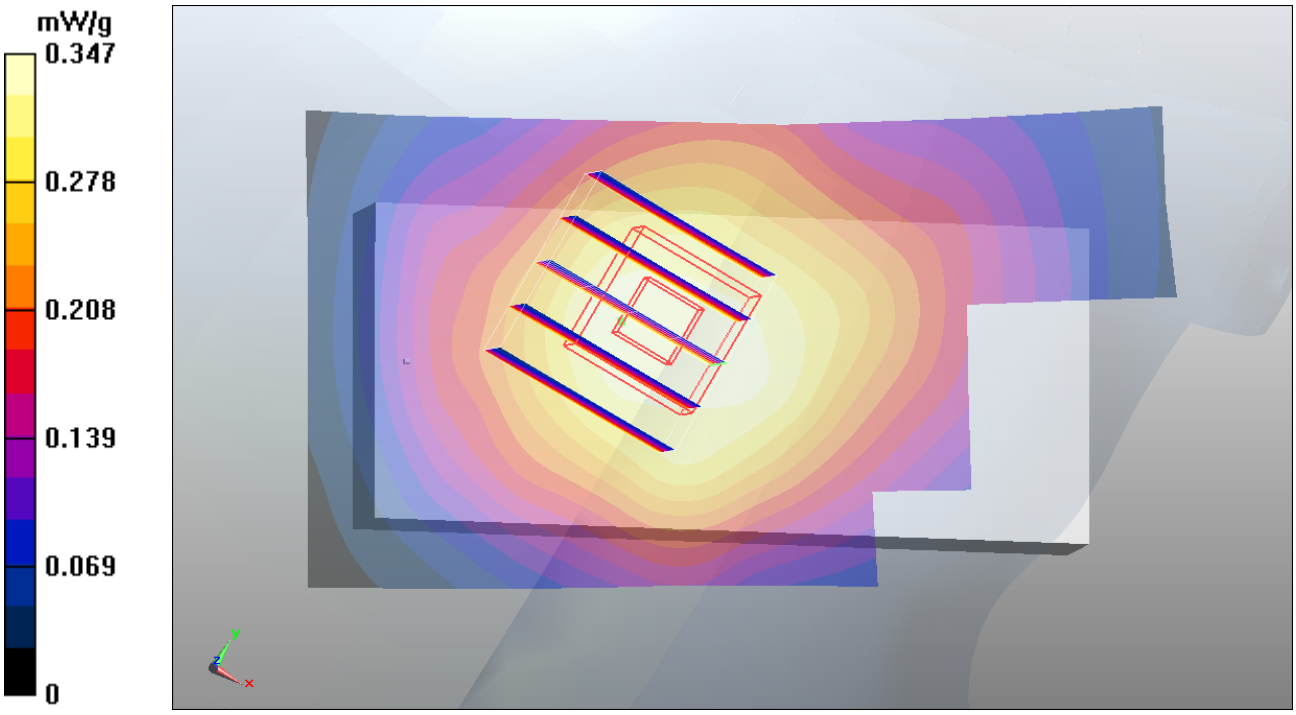
DUT: 140601

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110415 Medium parameters used: f = 836.4 MHz; σ = 0.911 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.347 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.343 mW/g


mW/g
0.347
0.278
0.208
0.139
0.069
0

#03 GSM850_Left Cheek_Ch189

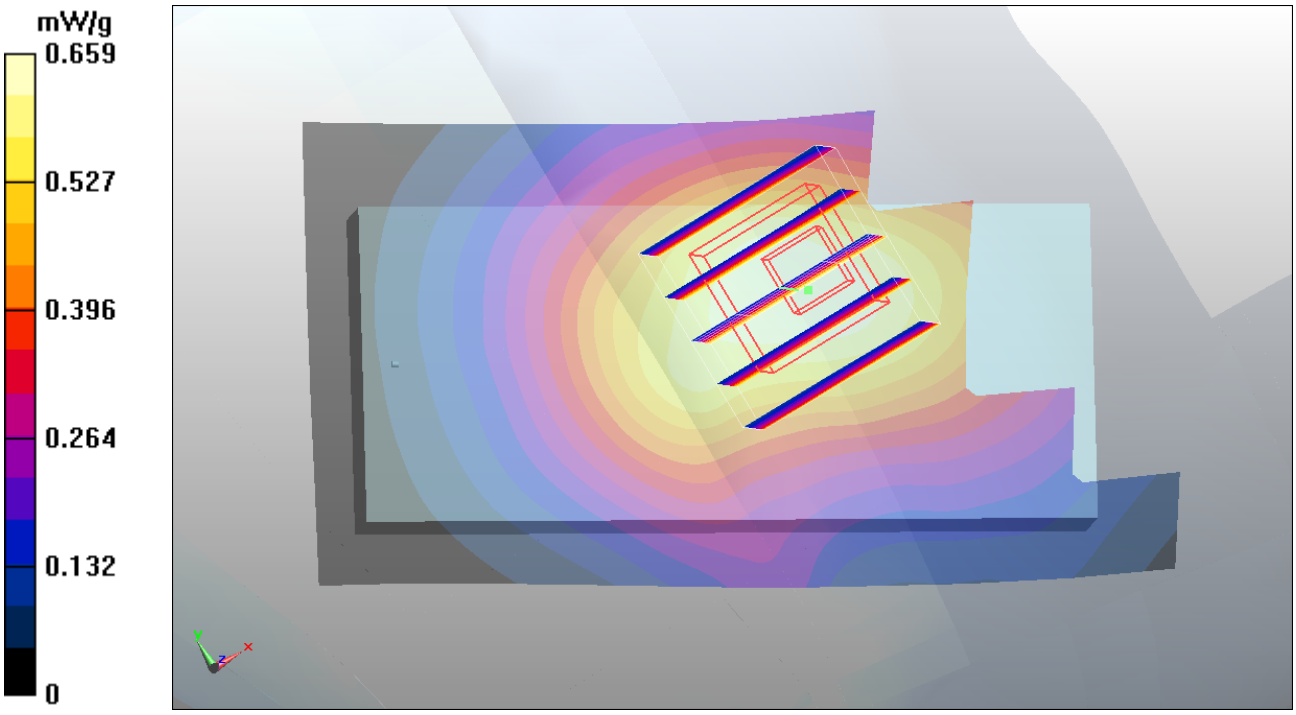
DUT: 140601

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110415 Medium parameters used: f = 836.4 MHz; σ = 0.911 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.29 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.660 mW/g


mW/g
0.659
0.527
0.396
0.264
0.132
0

#03 GSM850_Left Cheek_Ch189_2D

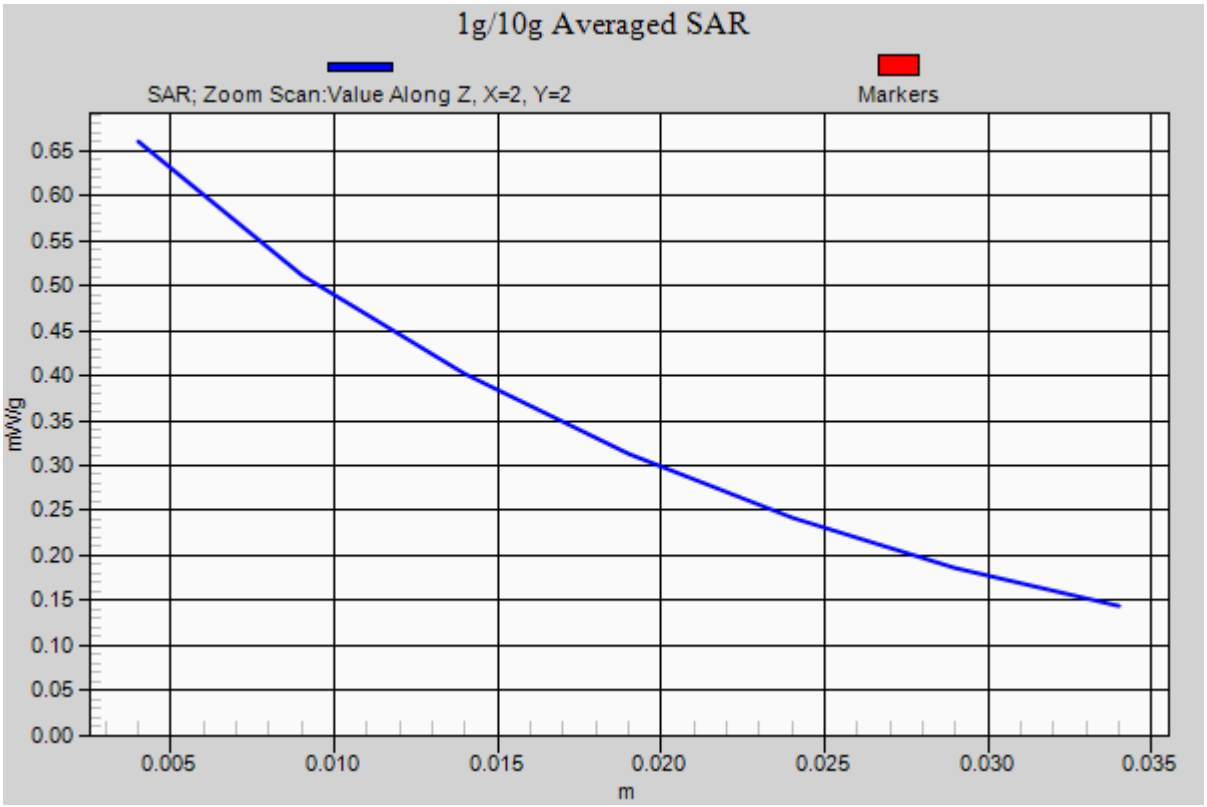
DUT: 140601

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110415 Medium parameters used: f = 836.4 MHz; σ = 0.911 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.29 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.660 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.65
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

#04 GSM850_Left Tilted_Ch189

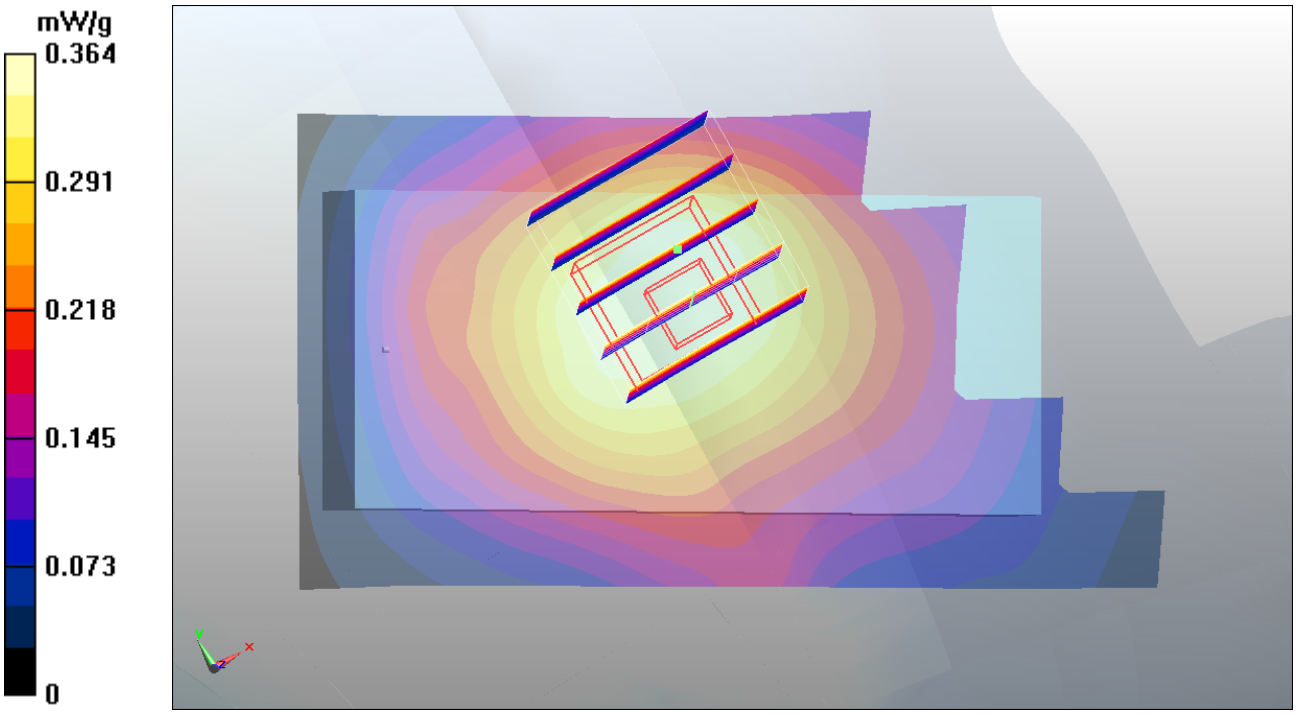
DUT: 140601

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110415 Medium parameters used: f = 836.4 MHz; σ = 0.911 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.364 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.367 mW/g


mW/g
0.364
0.291
0.218
0.145
0.073
0

#05 GSM1900_Right Cheek_Ch661

DUT: 140601

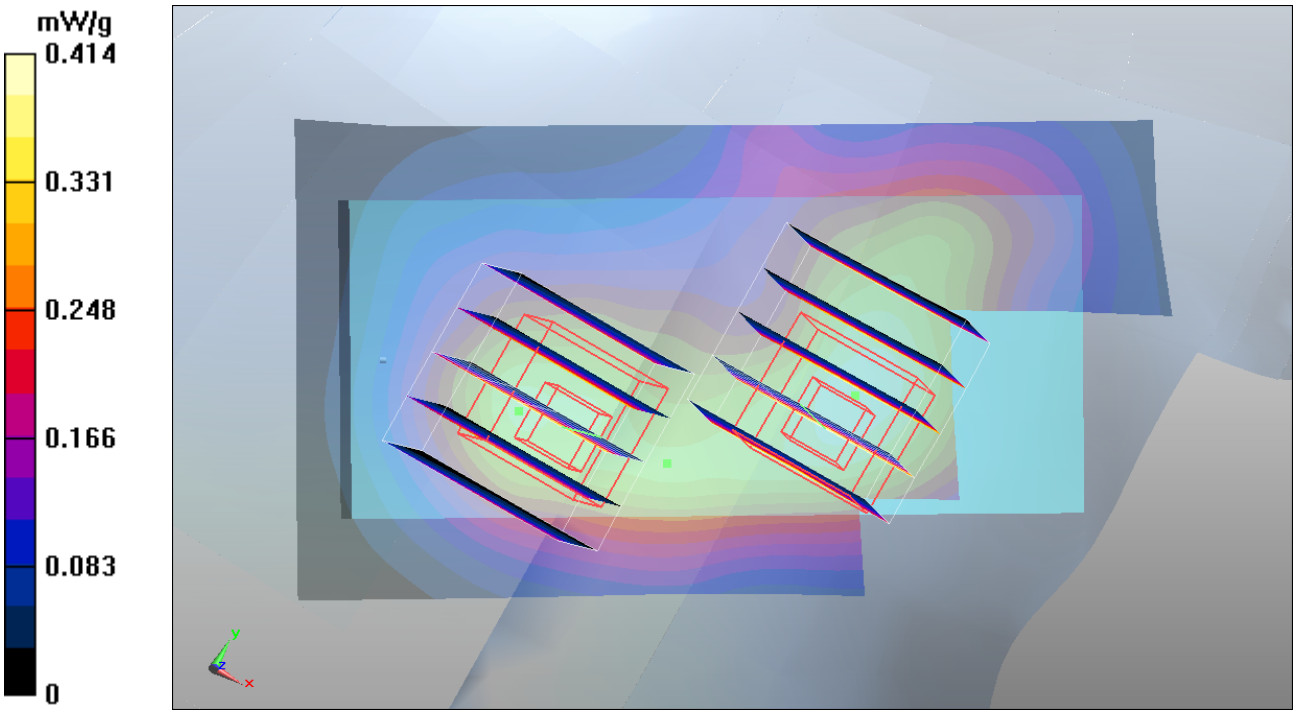
Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110415 Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.414 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.87 V/m; Power Drift = -0.0044 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.424 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.87 V/m; Power Drift = -0.0044 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.365 mW/g


mW/g
0.414
0.331
0.248
0.166
0.083
0

#06 GSM1900_Right Tilted_Ch661

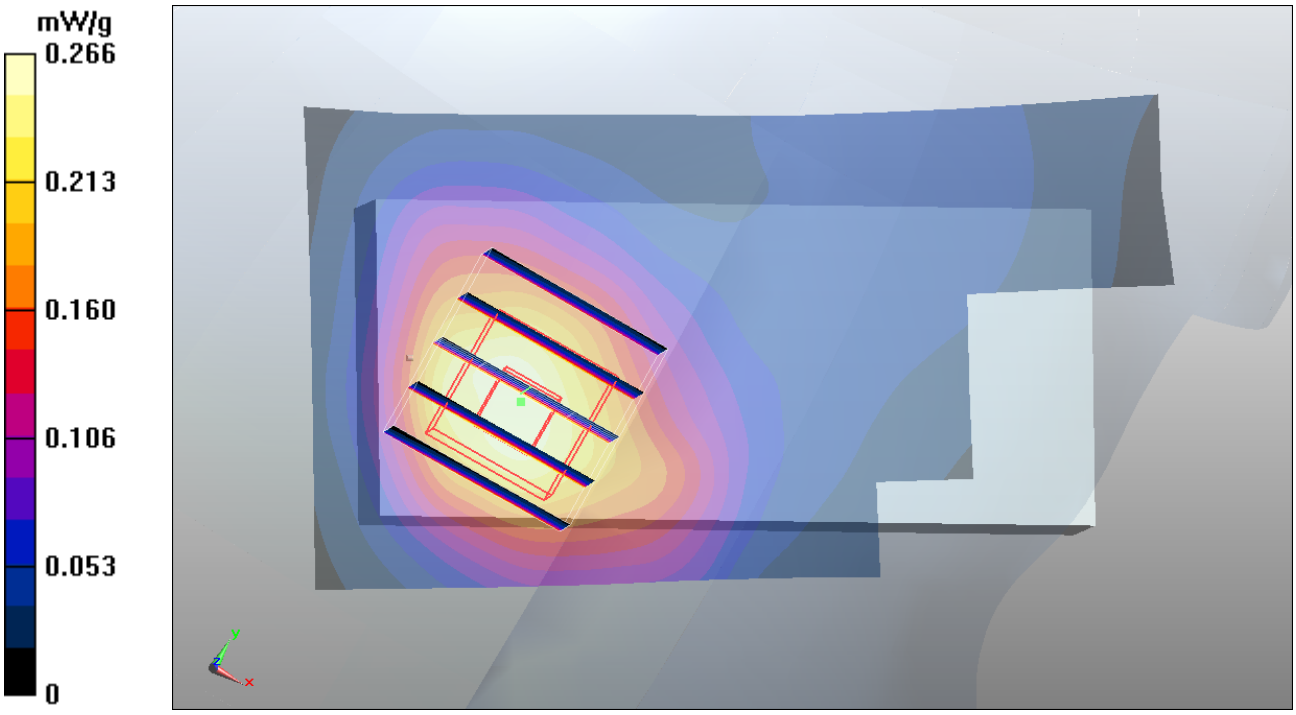
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110415 Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.266 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.257 mW/g


mW/g
0.266
0.213
0.160
0.106
0.053
0

#07 GSM1900_Left Cheek_Ch661

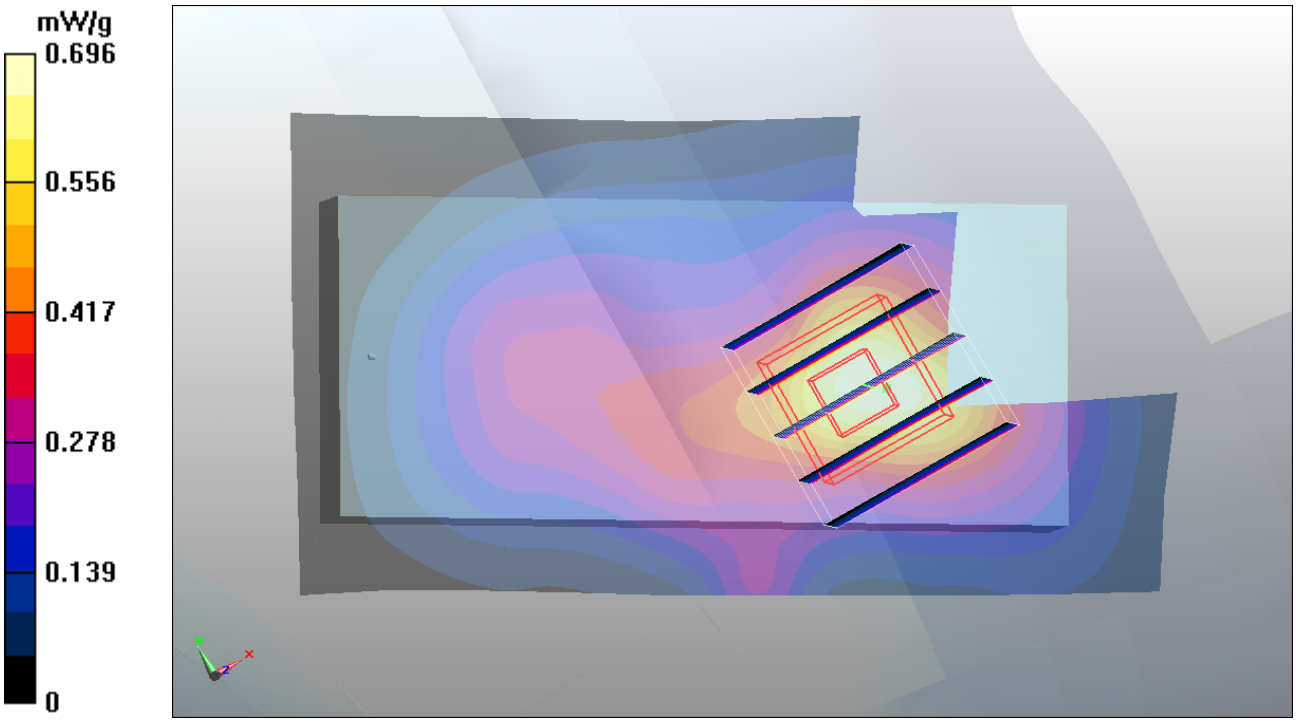
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110415 Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.696 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.73 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.674 mW/g


mW/g
0.696
0.556
0.417
0.278
0.139
0

#07 GSM1900_Left Cheek_Ch661_2D

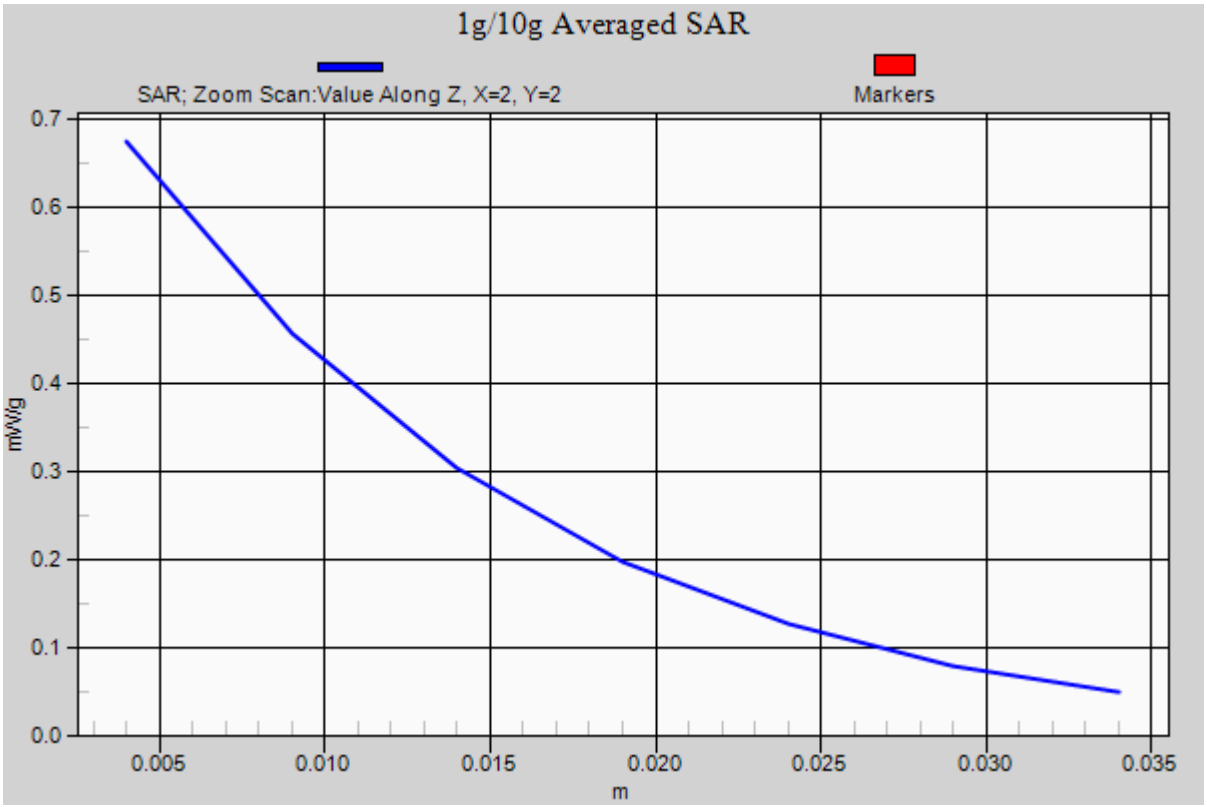
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110415 Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.696 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.73 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.674 mW/g


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

#08 GSM1900_Left Tilted_Ch661

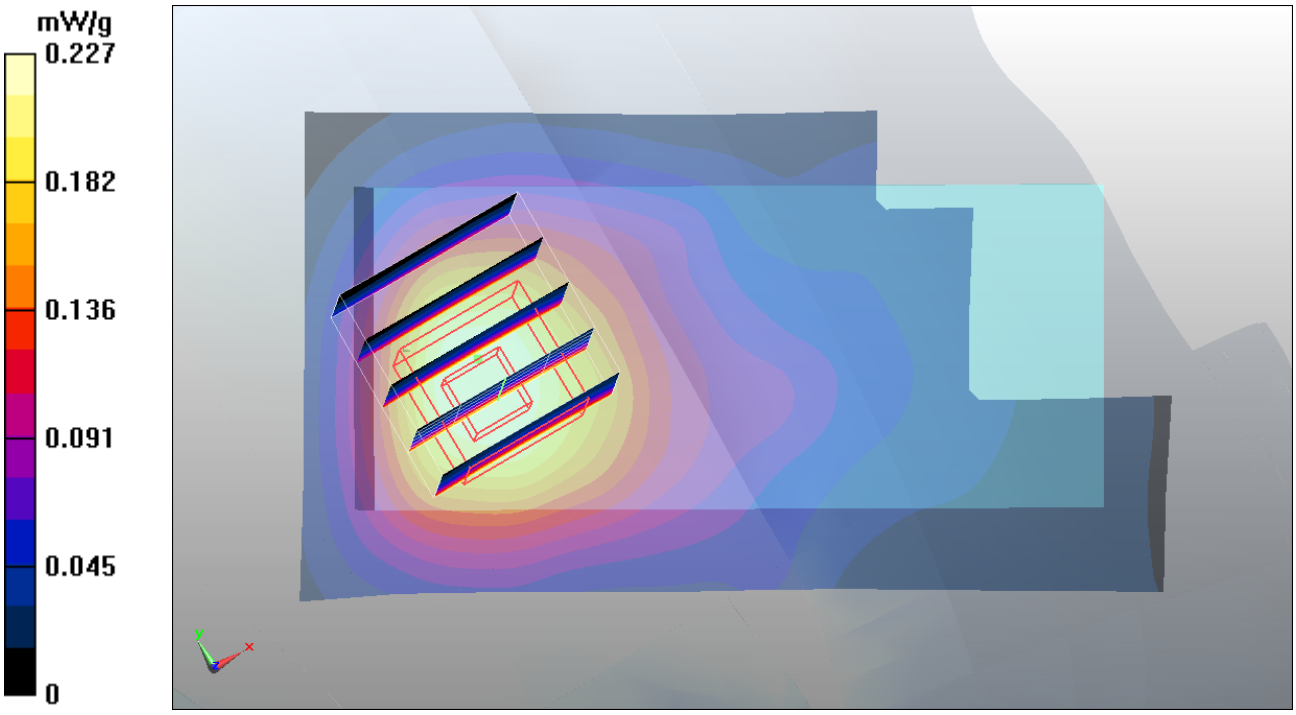
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110415 Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.222 mW/g


mW/g
0.227
0.182
0.136
0.091
0.045
0

#11 GSM850_GPRS10_Face_1.5cm_Ch189

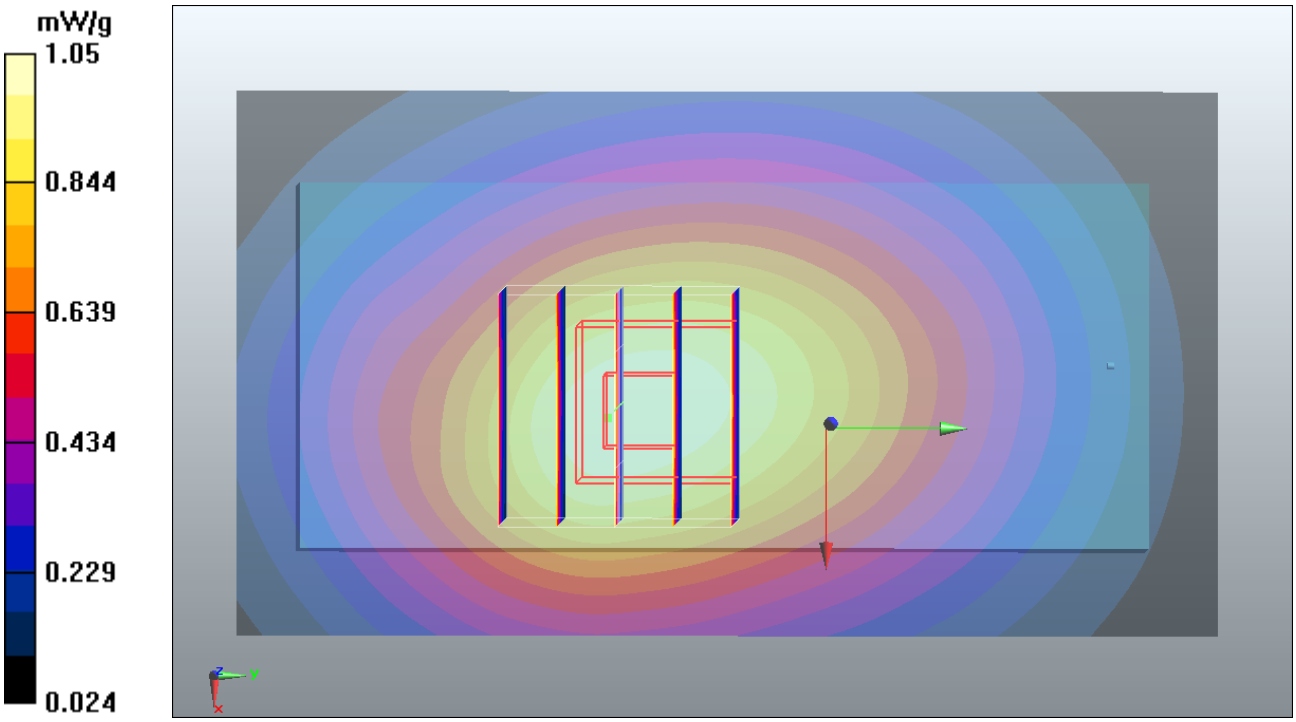
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.711 mW/g
Maximum value of SAR (measured) = 1.04 mW/g


mW/g
1.05
0.844
0.639
0.434
0.229
0.024

#12 GSM850_GPRS10_Bottom_1.5cm_Ch189

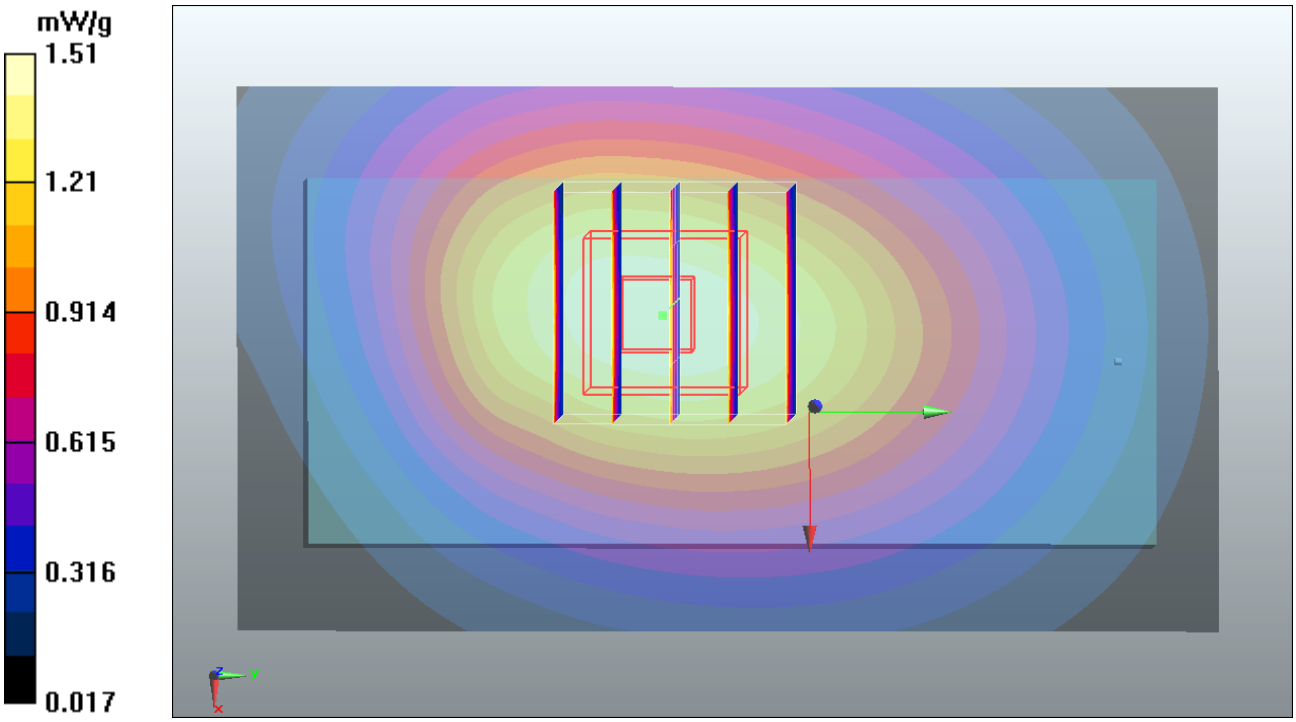
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.6 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 1.03 mW/g
Maximum value of SAR (measured) = 1.48 mW/g


mW/g
1.51
1.21
0.914
0.615
0.316
0.017

#12 GSM850_GPRS10_Bottom_1.5cm_Ch189_2D

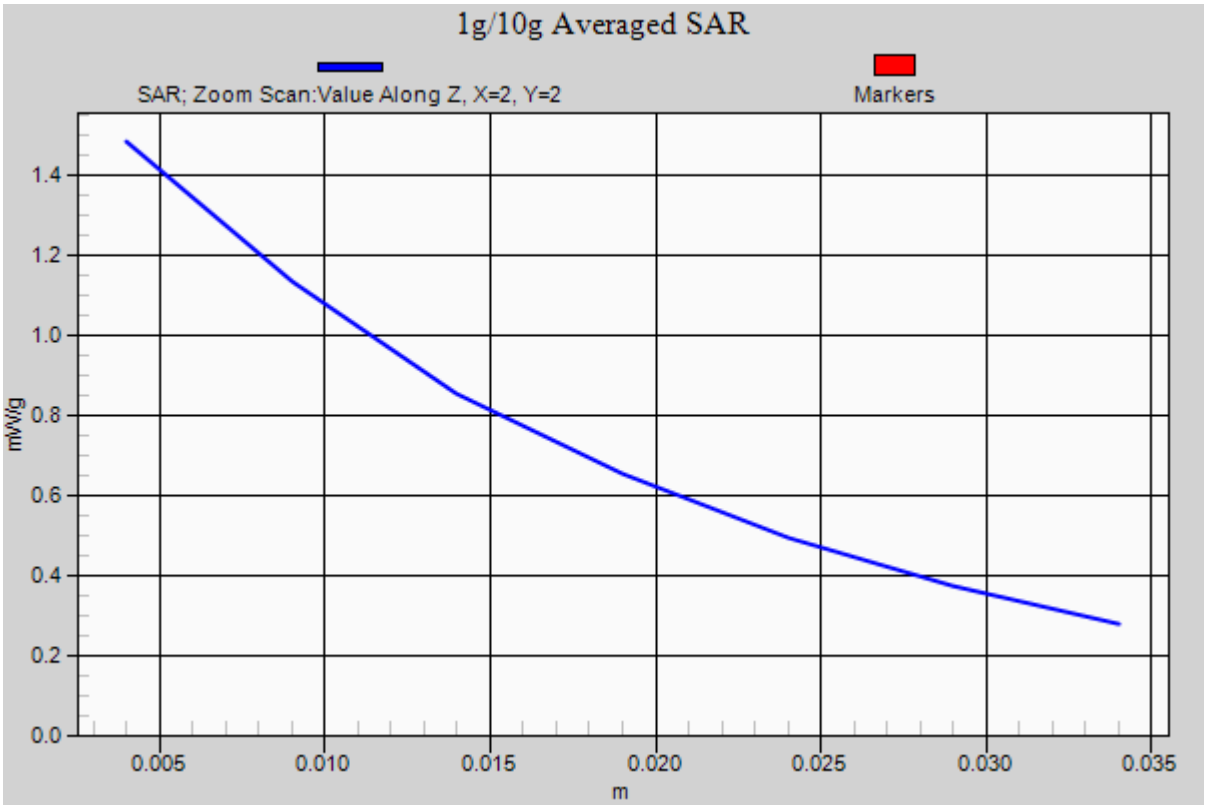
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.6 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 1.03 mW/g
Maximum value of SAR (measured) = 1.48 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

#13 GSM850_GPRS10_Face_1.5cm_Ch128

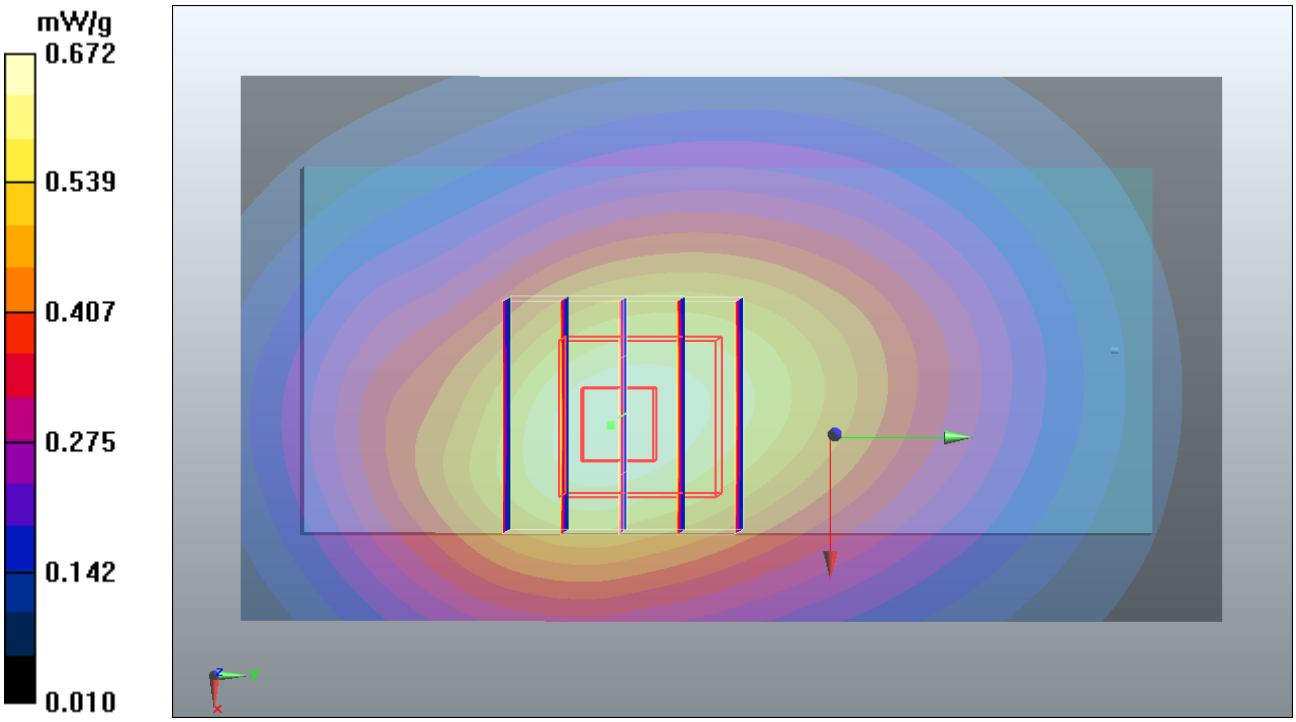
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 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：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.672 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.659 mW/g


mW/g
0.672
0.539
0.407
0.275
0.142
0.010

#14 GSM850_GPRS10_Face_1.5cm_Ch251

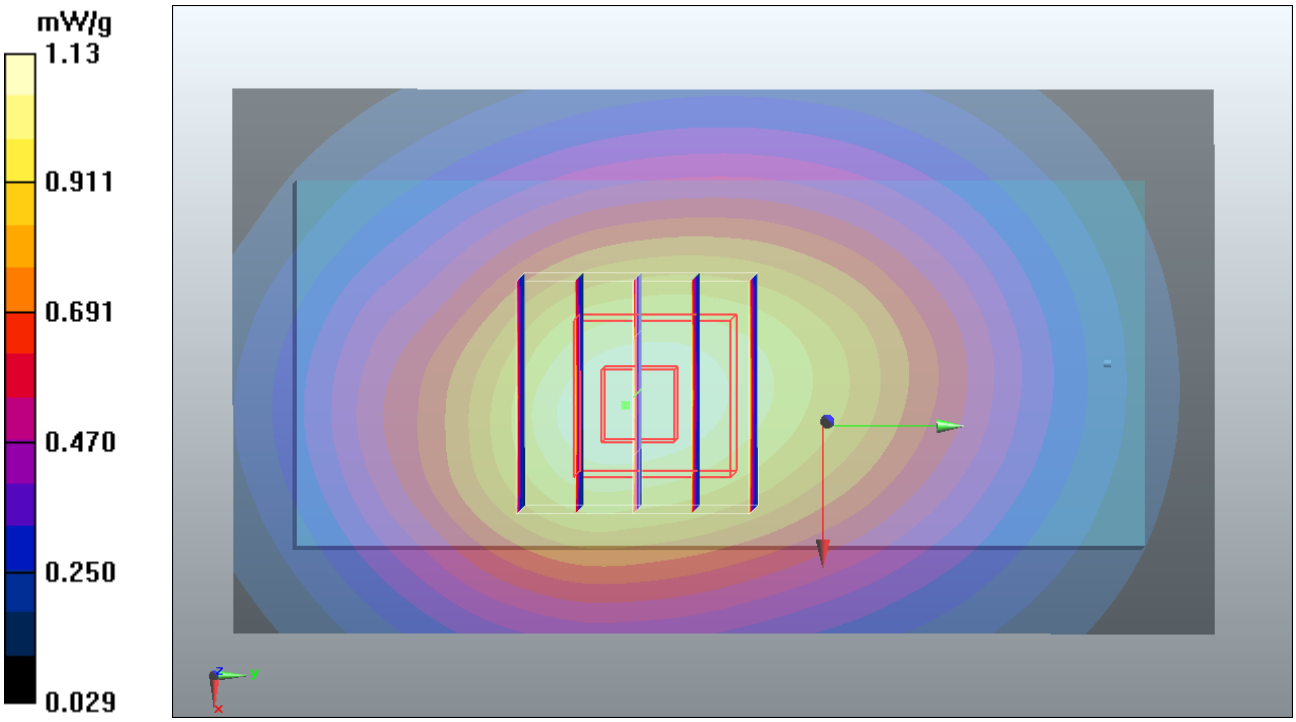
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.771 mW/g
Maximum value of SAR (measured) = 1.13 mW/g


mW/g
1.13
0.911
0.691
0.470
0.250
0.029

#15 GSM850_GPRS10_Bottom_1.5cm_Ch128

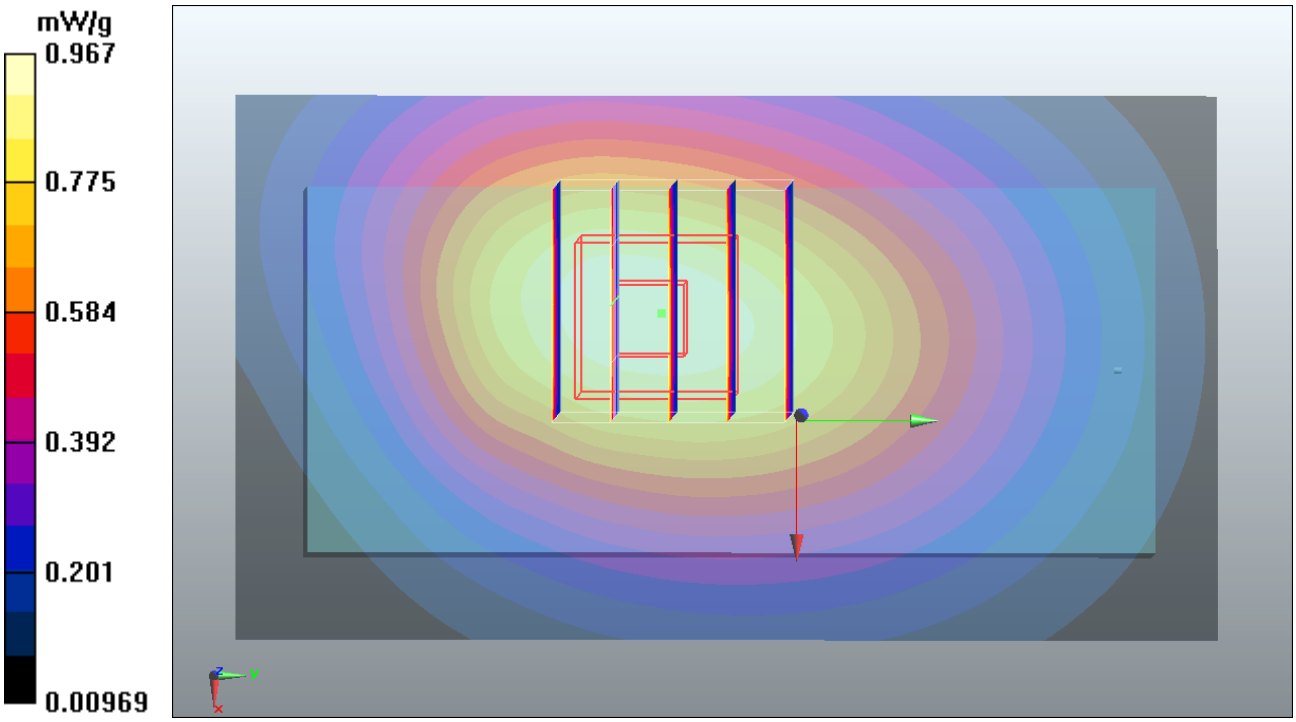
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 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：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.967 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.662 mW/g
Maximum value of SAR (measured) = 0.952 mW/g


mW/g
0.967
0.775
0.584
0.392
0.201
0.00969

#16 GSM850_GPRS10_Bottom_1.5cm_Ch251

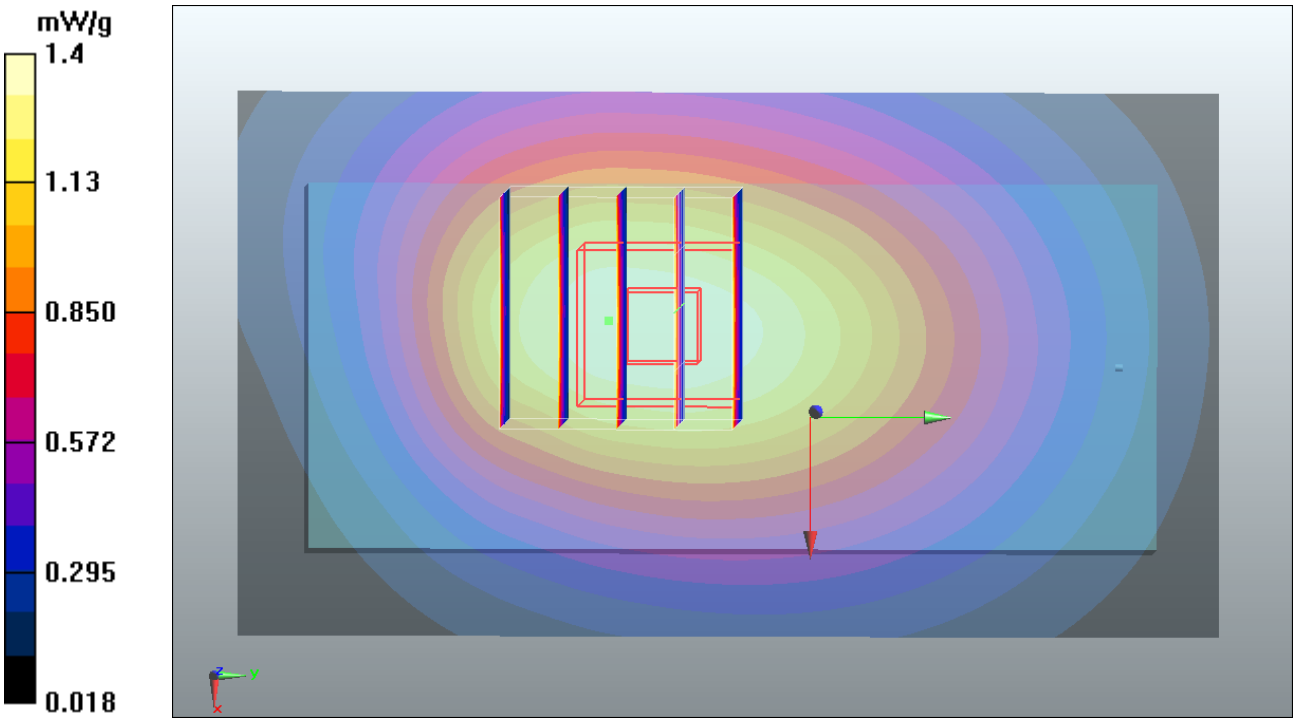
DUT: 140601

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110425 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.4 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37 V/m; Power Drift = 0.000568 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.969 mW/g
Maximum value of SAR (measured) = 1.4 mW/g


mW/g
1.4
1.13
0.850
0.572
0.295
0.018

#09 GSM1900_GSM_Face_1.5cm_Ch661

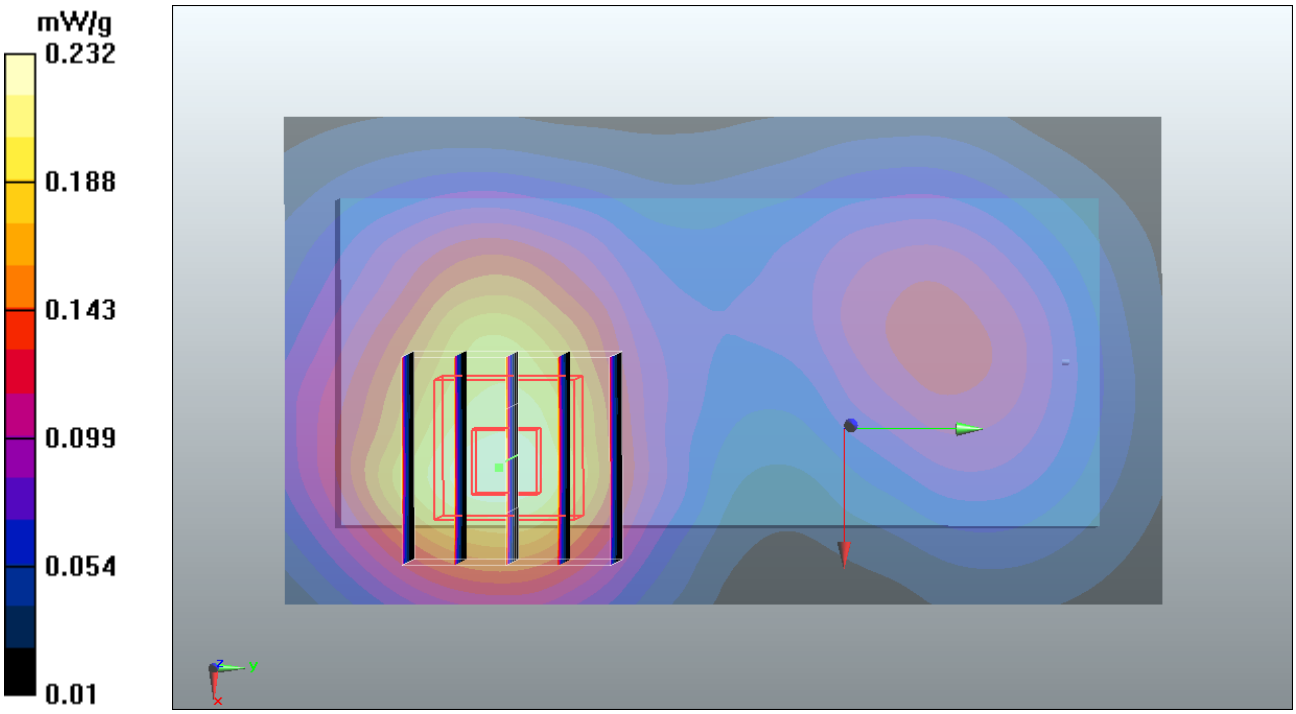
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_110425 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.232 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.95 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.226 mW/g


mW/g
0.232
0.188
0.143
0.099
0.054
0.01

#10 GSM1900_GSM_Bottom_1.5cm_Ch661

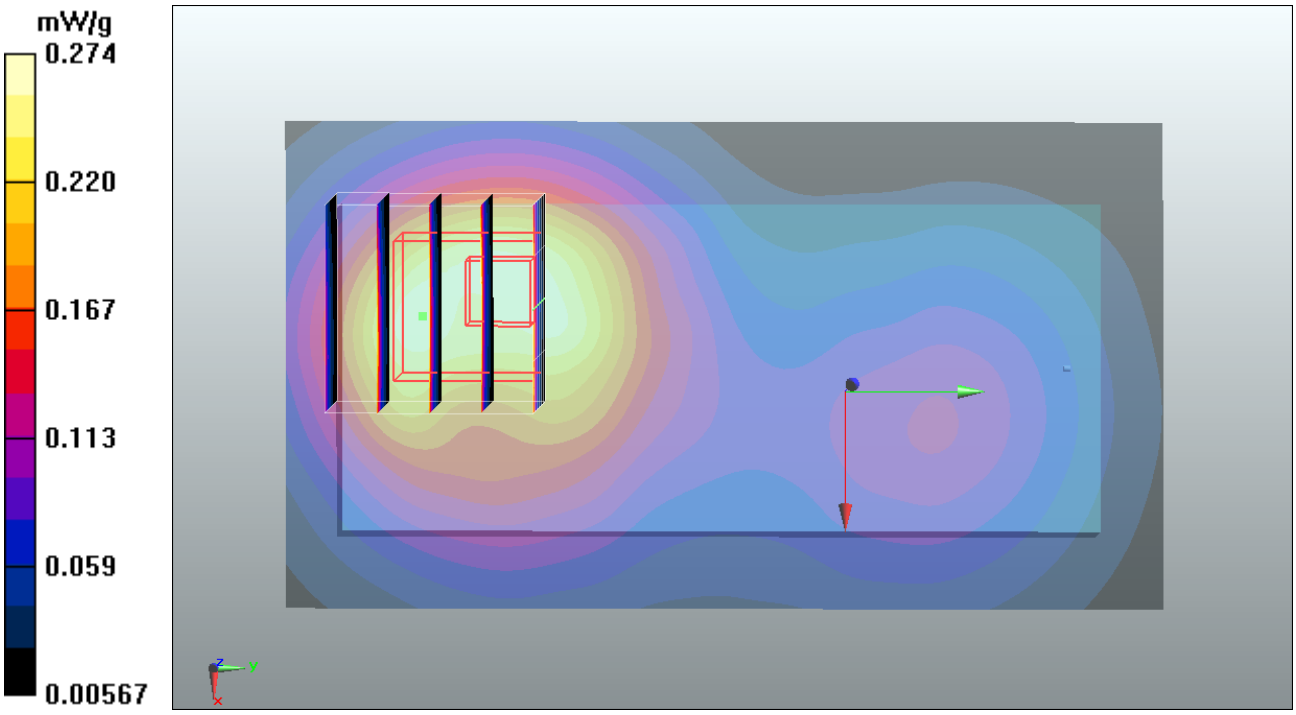
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_110425 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.274 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.52 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.274 mW/g


mW/g
0.274
0.220
0.167
0.113
0.059
0.00567

#10 GSM1900_GSM_Bottom_1.5cm_Ch661_2D

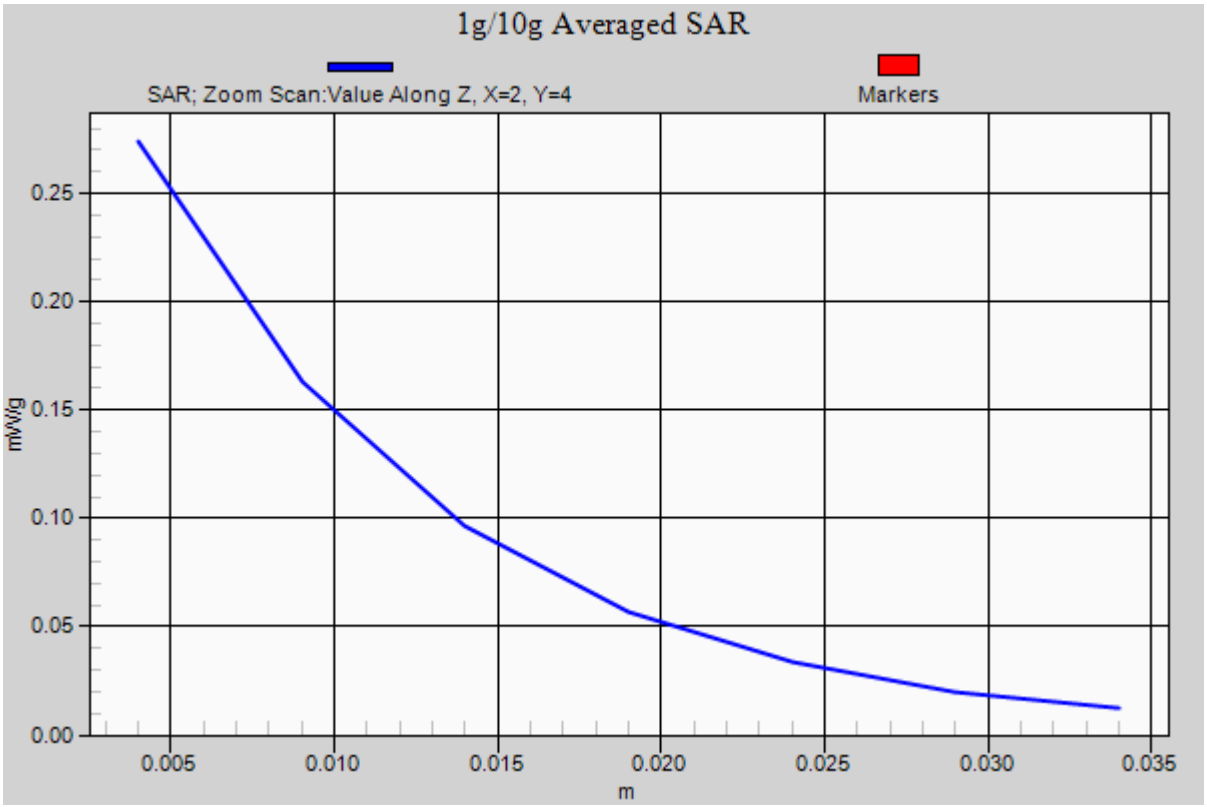
DUT: 140601

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_110425 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010-6-22
- 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 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.274 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.52 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.274 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=4
Markers
mW/g
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