#01 GSM850_Right Cheek_Ch128

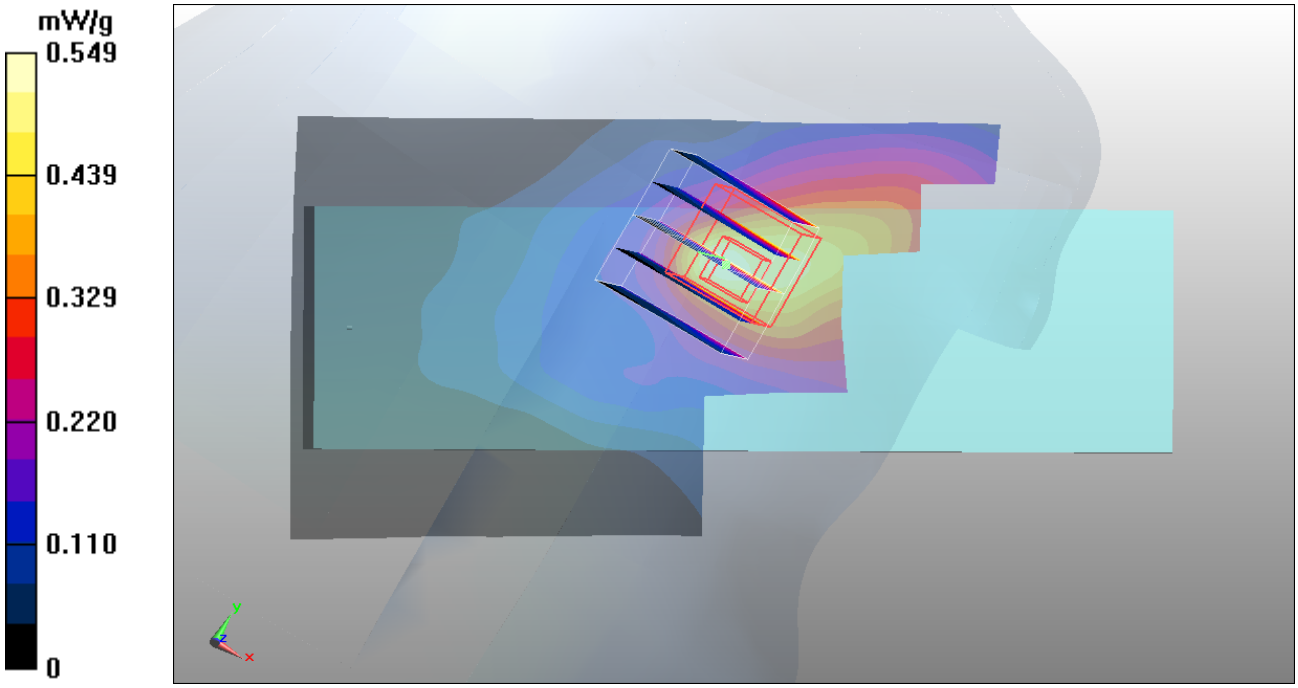
DUT: 120904

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110208 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.549 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.1 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.553 mW/g


mW/g
0.549
0.439
0.329
0.220
0.110
0

#01 GSM850_Right Cheek_Ch128_2D

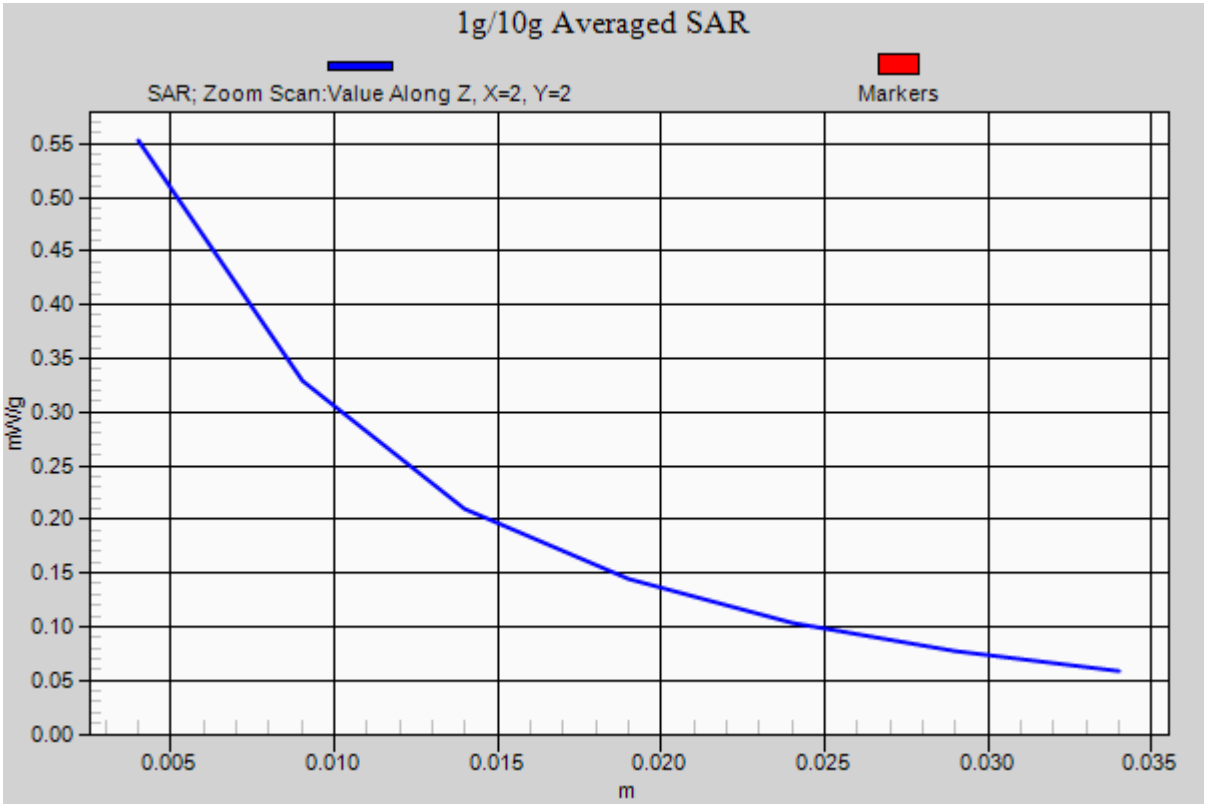
DUT: 120904

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110208 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.549 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.1 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.553 mW/g


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

#02 GSM850_Right Tilted_Ch128

DUT: 120904

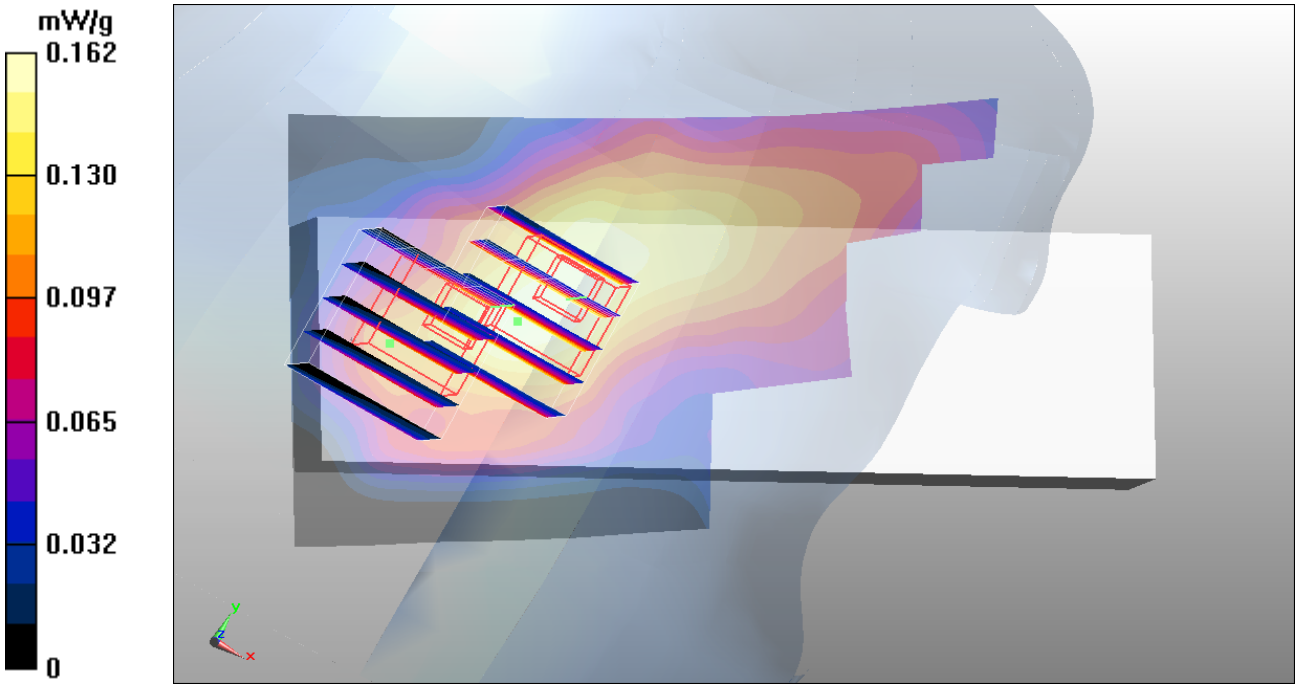
Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110208 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.145 mW/g


mW/g
0.162
0.130
0.097
0.065
0.032
0

#03 GSM850_Left Cheek_Ch128

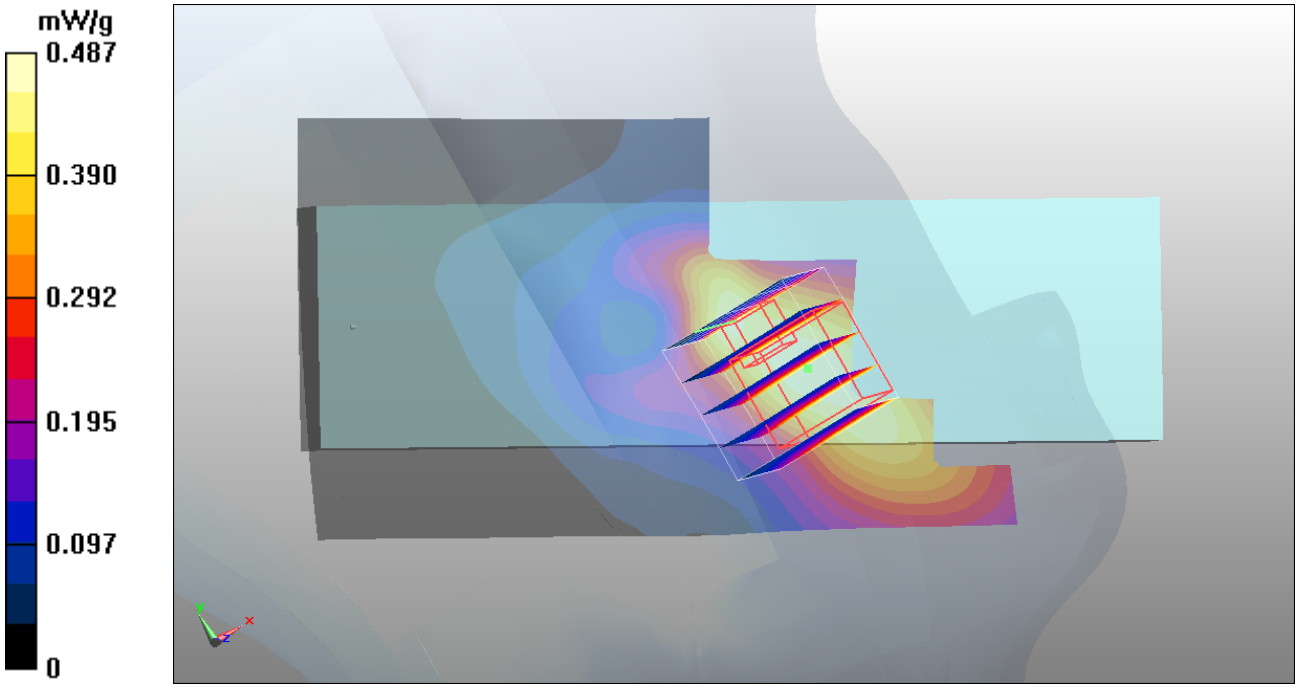
DUT: 120904

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110208 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.487 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.61 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.474 mW/g


mW/g
0.487
0.390
0.292
0.195
0.097
0

#04 GSM850_Left Tilted_Ch128

DUT: 120904

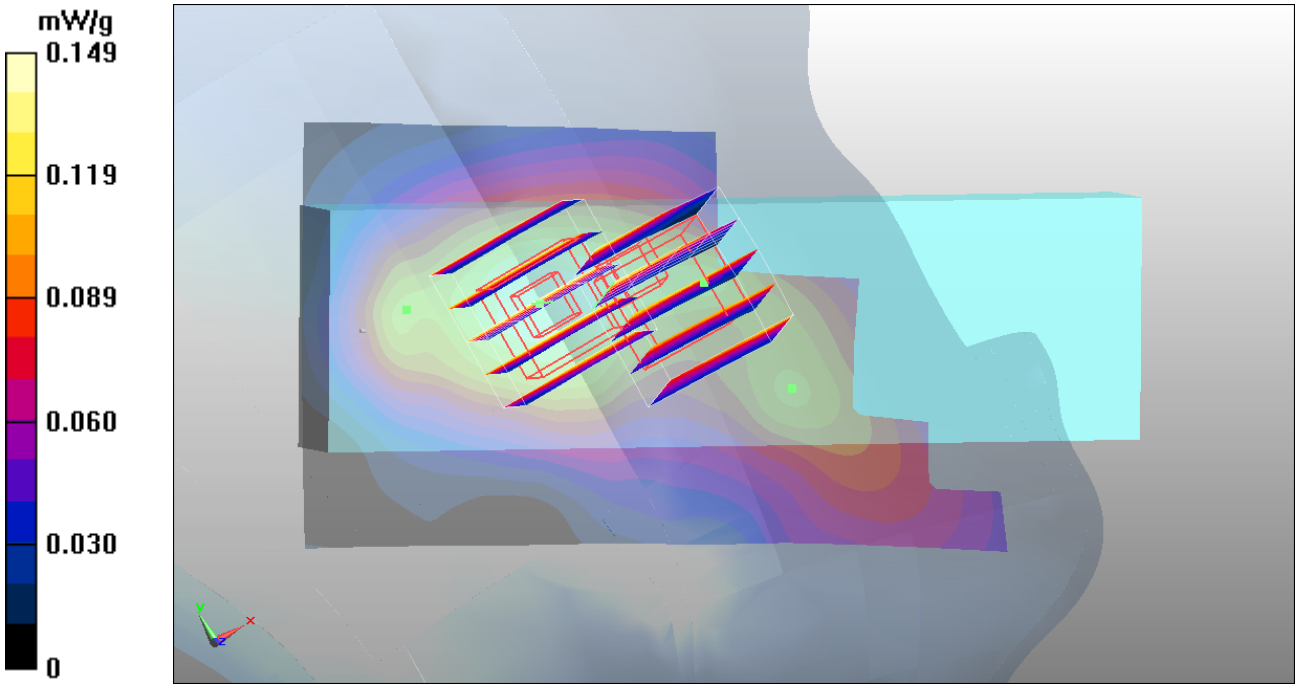
Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_110208 Medium parameters used: f = 824.2 MHz; σ = 0.909 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.149 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.69 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.151 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.69 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.140 mW/g


mW/g
0.149
0.119
0.089
0.060
0.030
0

#09 GSM1900_Right Cheek_Ch810

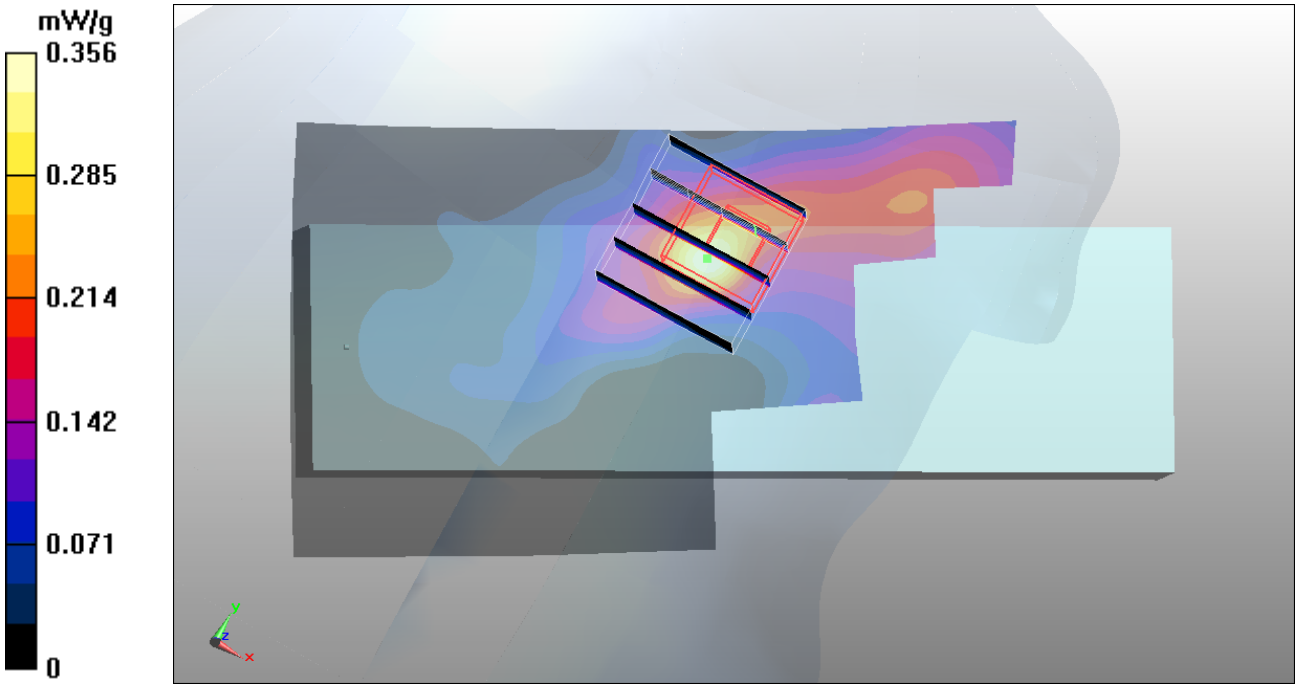
DUT: 120904

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110207 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.52 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.337 mW/g


mW/g
0.356
0.285
0.214
0.142
0.071
0

#09 GSM1900_Right Cheek_Ch810_2D

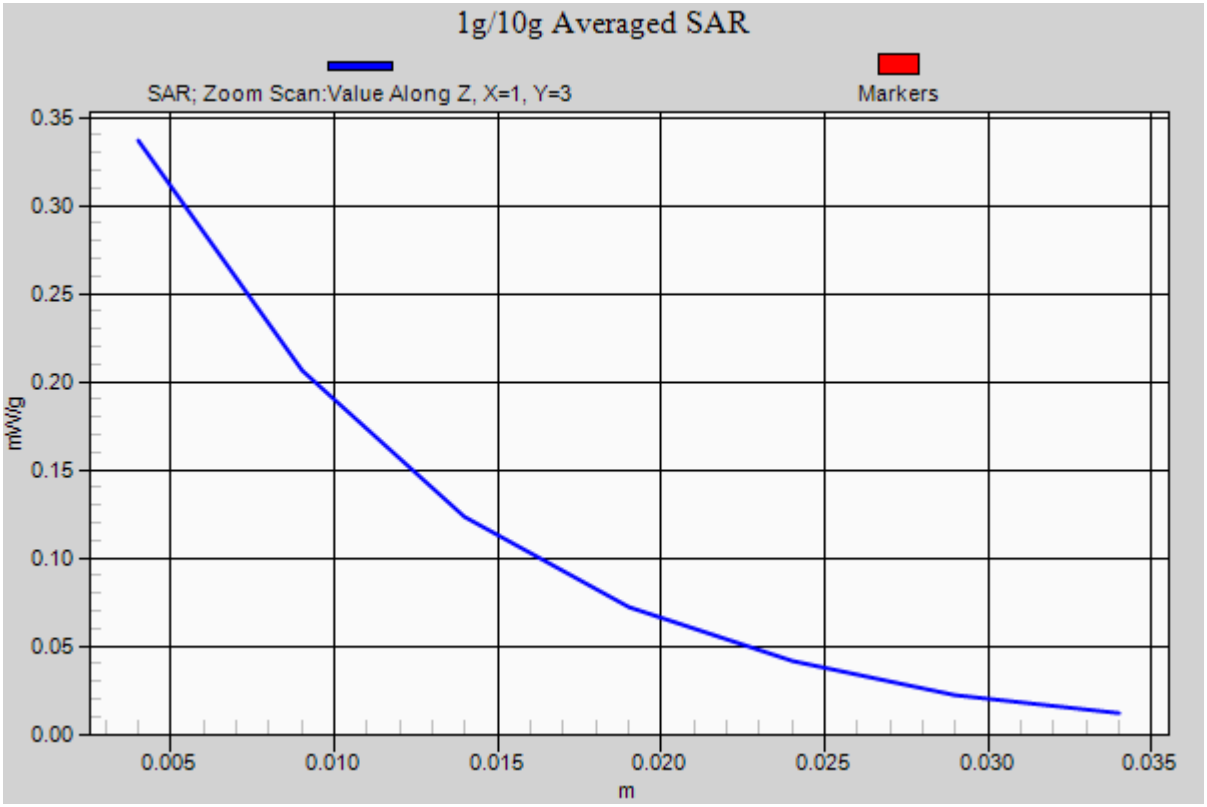
DUT: 120904

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110207 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.52 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.337 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=3
Markers
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

#10 GSM1900_Right Tilted_Ch810

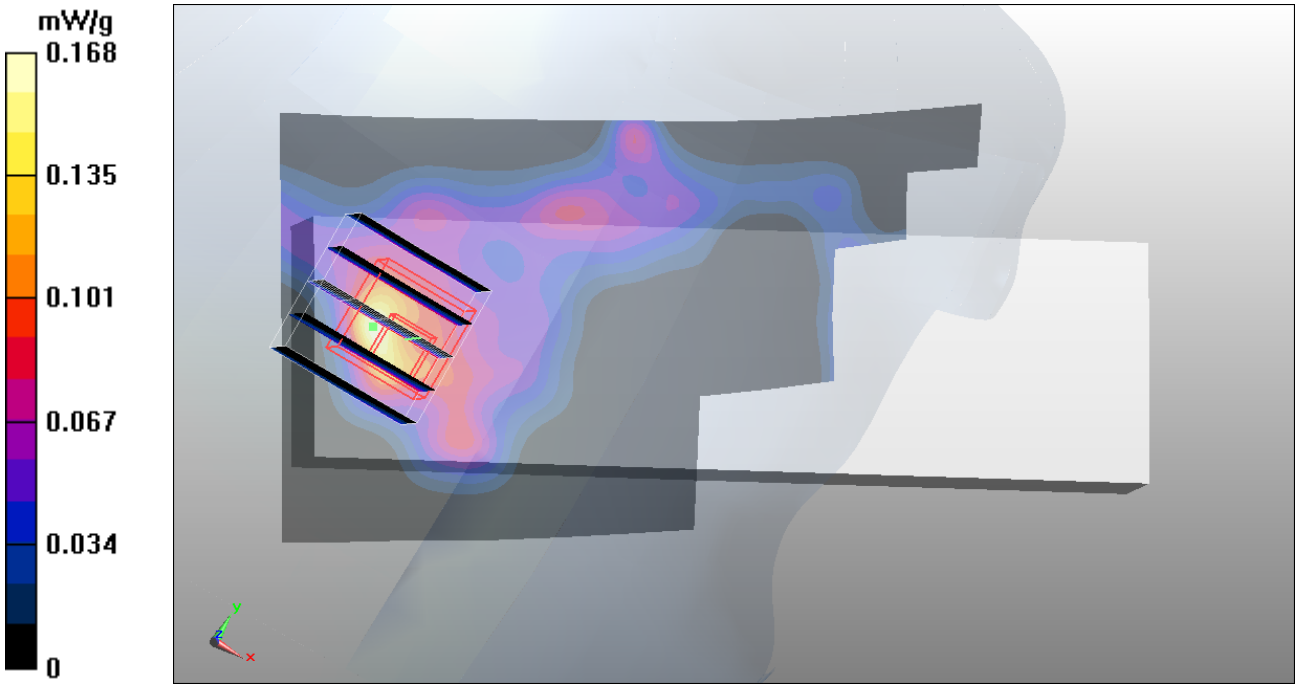
DUT: 120904

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110207 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.168 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.5 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.112 mW/g


mW/g
0.168
0.135
0.101
0.067
0.034
0

#11 GSM1900_Left Cheek_Ch810

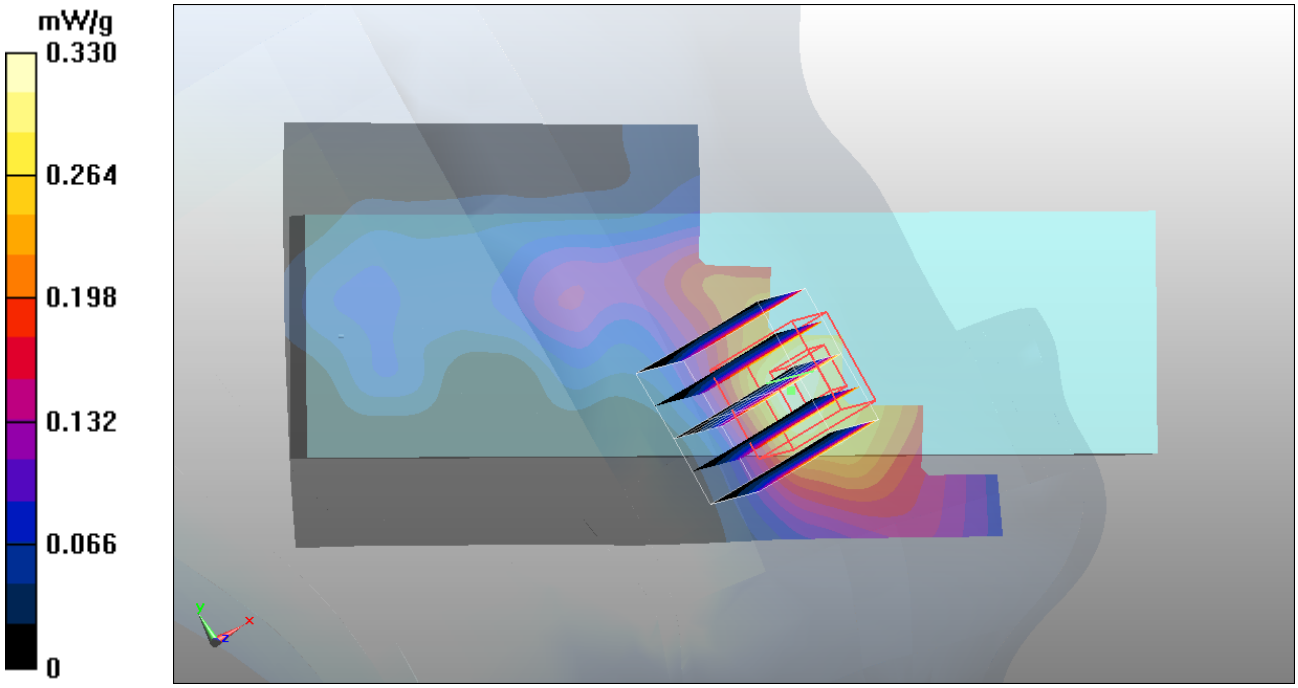
DUT: 120904

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110207 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

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 (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.330 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.11 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.291 mW/g


mW/g
0.330
0.264
0.198
0.132
0.066
0

#12 GSM1900_Left Tilted_Ch810

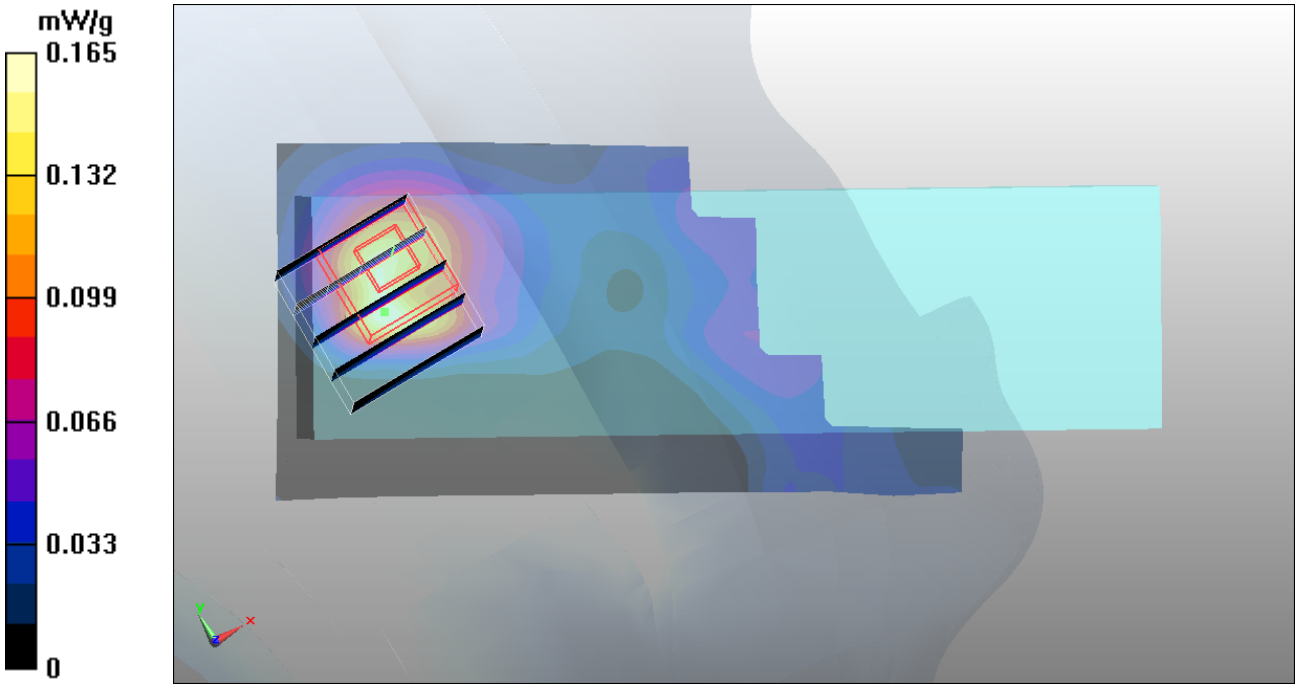
DUT: 120904

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_110207 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

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 (51x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.165 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.62 V/m; Power Drift = 0.075 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.138 mW/g


mW/g
0.165
0.132
0.099
0.066
0.033
0

#05 WCDMA V_RMC 12.2K_Right Cheek_Ch4182

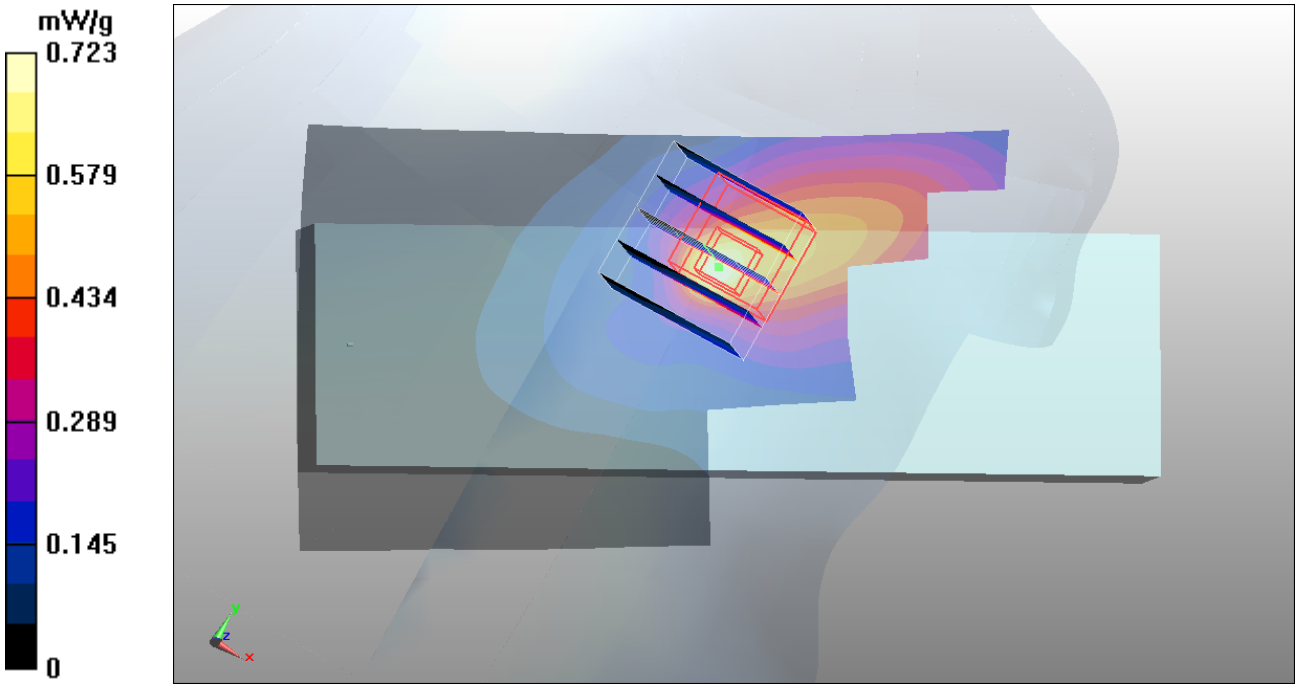
DUT: 120904

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_110208 Medium parameters used: f = 836.4 MHz; σ = 0.921 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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

Ch4182/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.723 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.54 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 0.695 mW/g


mW/g
0.723
0.579
0.434
0.289
0.145
0

#05 WCDMA V_RMC 12.2K_Right Cheek_Ch4182_2D

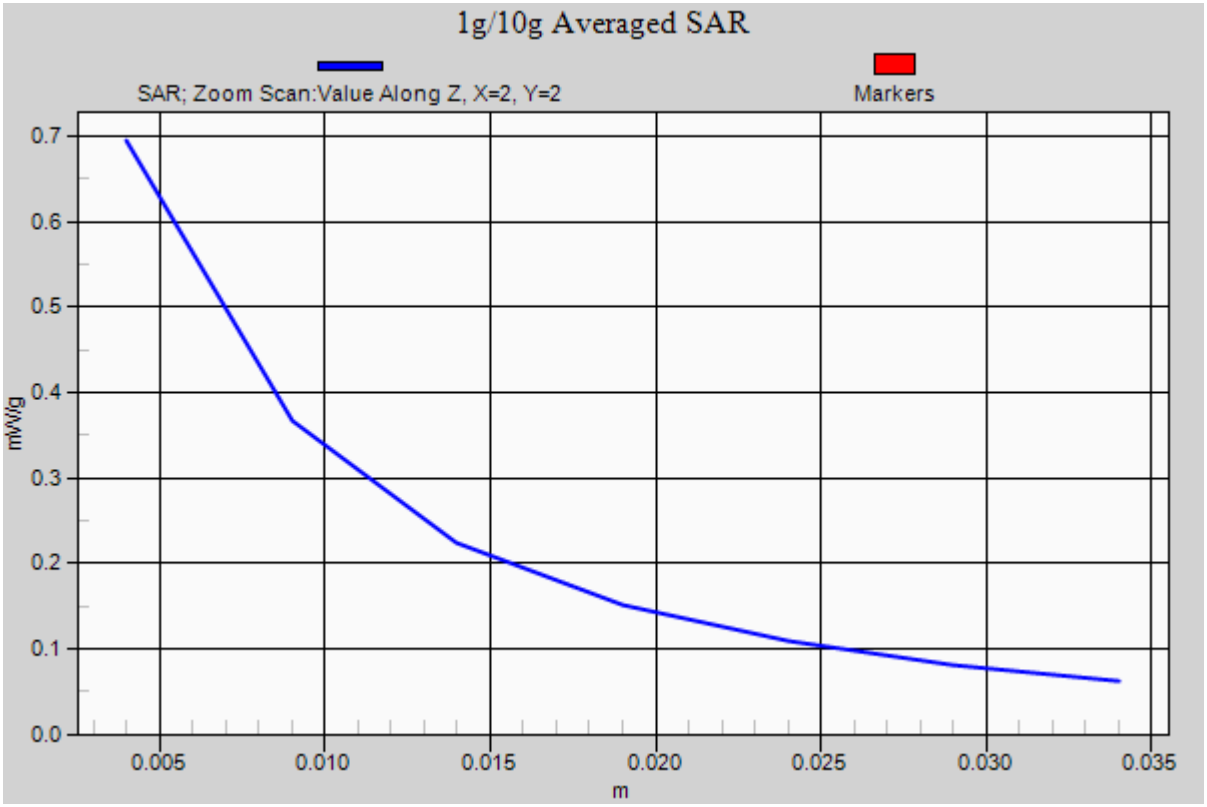
DUT: 120904

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_110208 Medium parameters used: f = 836.4 MHz; σ = 0.921 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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

Ch4182/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.723 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.54 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 0.695 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

#06 WCDMA V_RMC 12.2K_Right Tilted_Ch4182

DUT: 120904

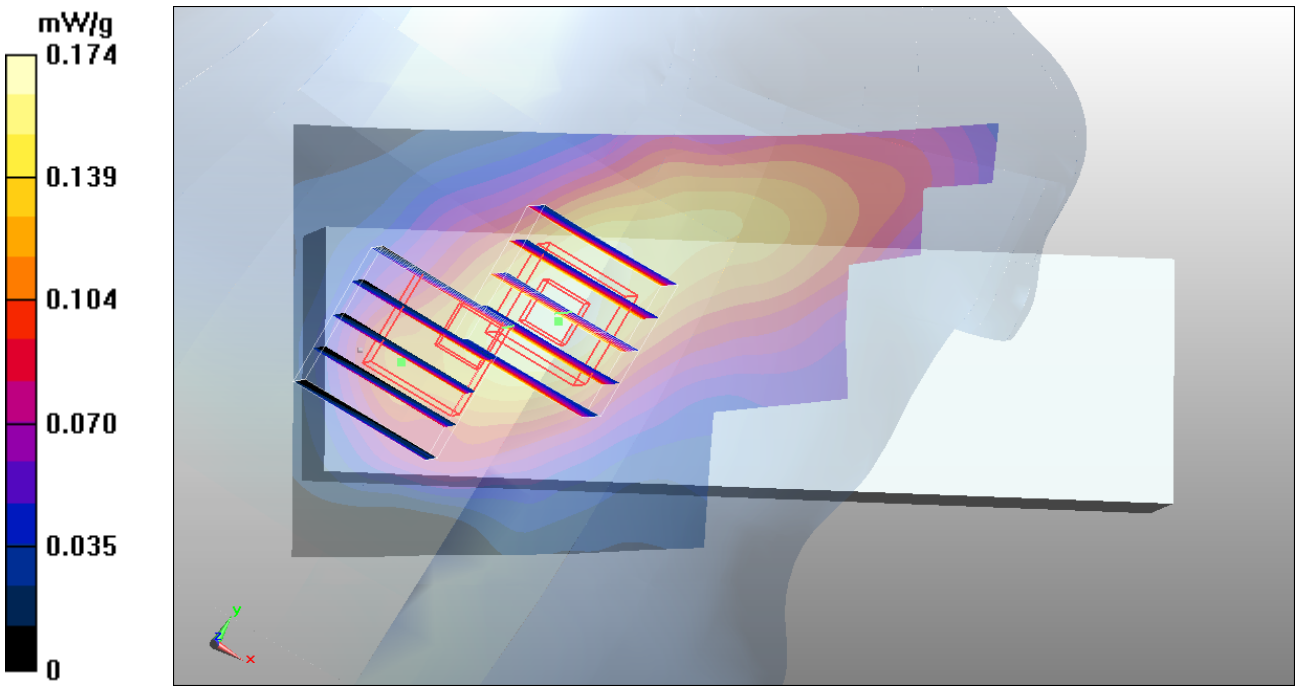
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_110208 Medium parameters used: f = 836.4 MHz; σ = 0.921 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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 157; SEMCAD X Version 14.0 Build 57

Ch4182/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.174 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.176 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.158 mW/g


mW/g
0.174
0.139
0.104
0.070
0.035
0

#07 WCDMA V_RMC 12.2K_Left Cheek_Ch4182

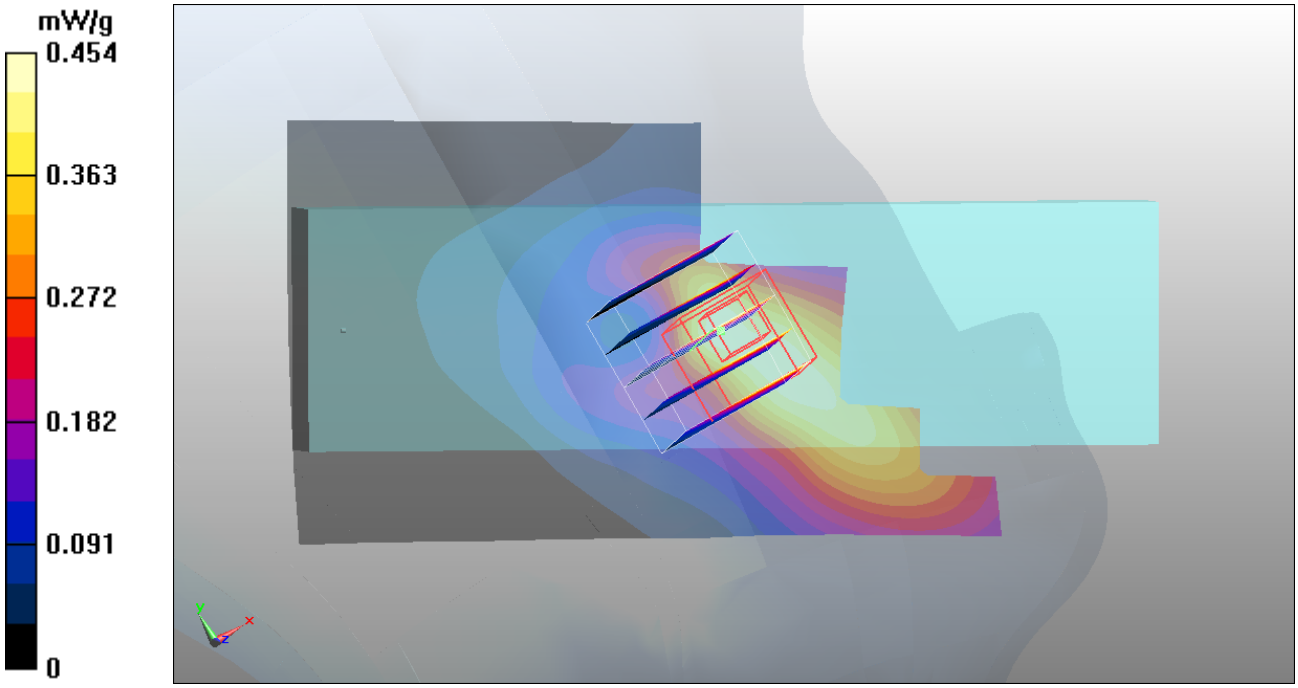
DUT: 120904

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_110208 Medium parameters used: f = 836.4 MHz; σ = 0.921 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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

Ch4182/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.454 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.47 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.470 mW/g


mW/g
0.454
0.363
0.272
0.182
0.091
0

#08 WCDMA V_RMC 12.2K_Left Tilted_Ch4182

DUT: 120904

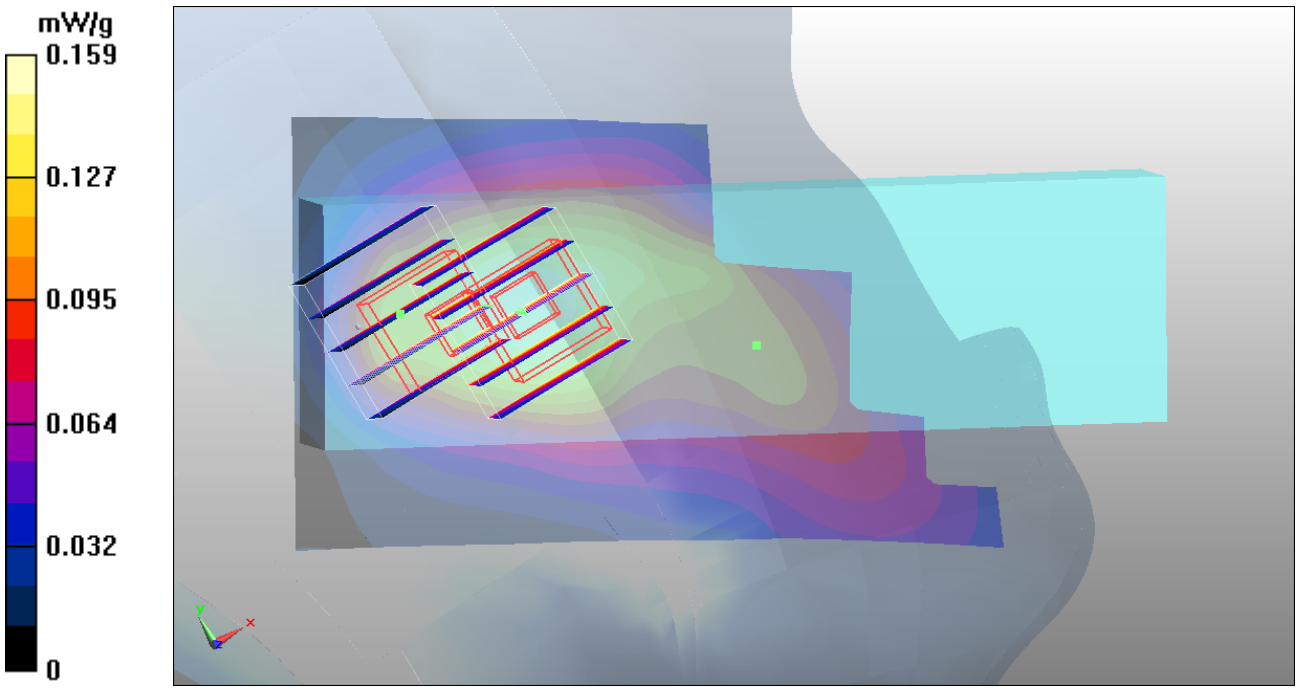
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_110208 Medium parameters used: f = 836.4 MHz; σ = 0.921 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

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

Ch4182/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.159 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.155 mW/g


mW/g
0.159
0.127
0.095
0.064
0.032
0

#13 WCDMA II_RMC 12.2K_Right Cheek_Ch9538

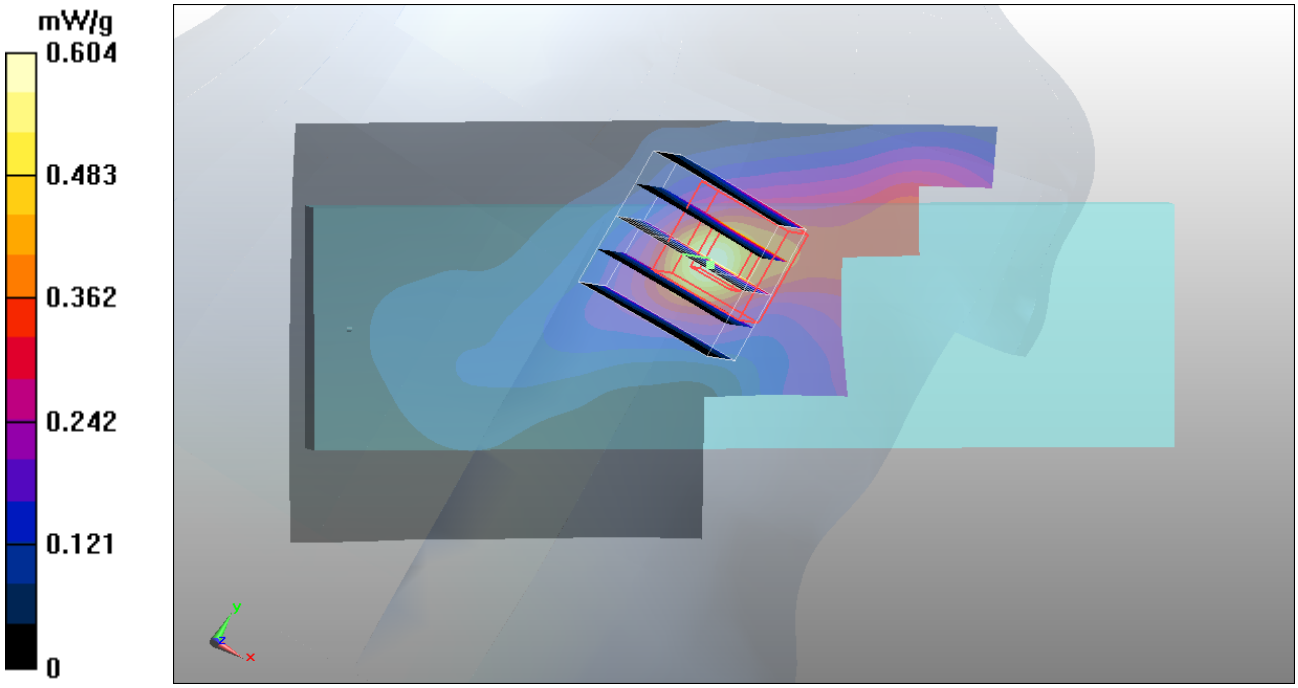
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110208 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

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

Ch9538/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.604 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.53 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.642 mW/g


mW/g
0.604
0.483
0.362
0.242
0.121
0

#13 WCDMA II_RMC 12.2K_Right Cheek_Ch9538_2D

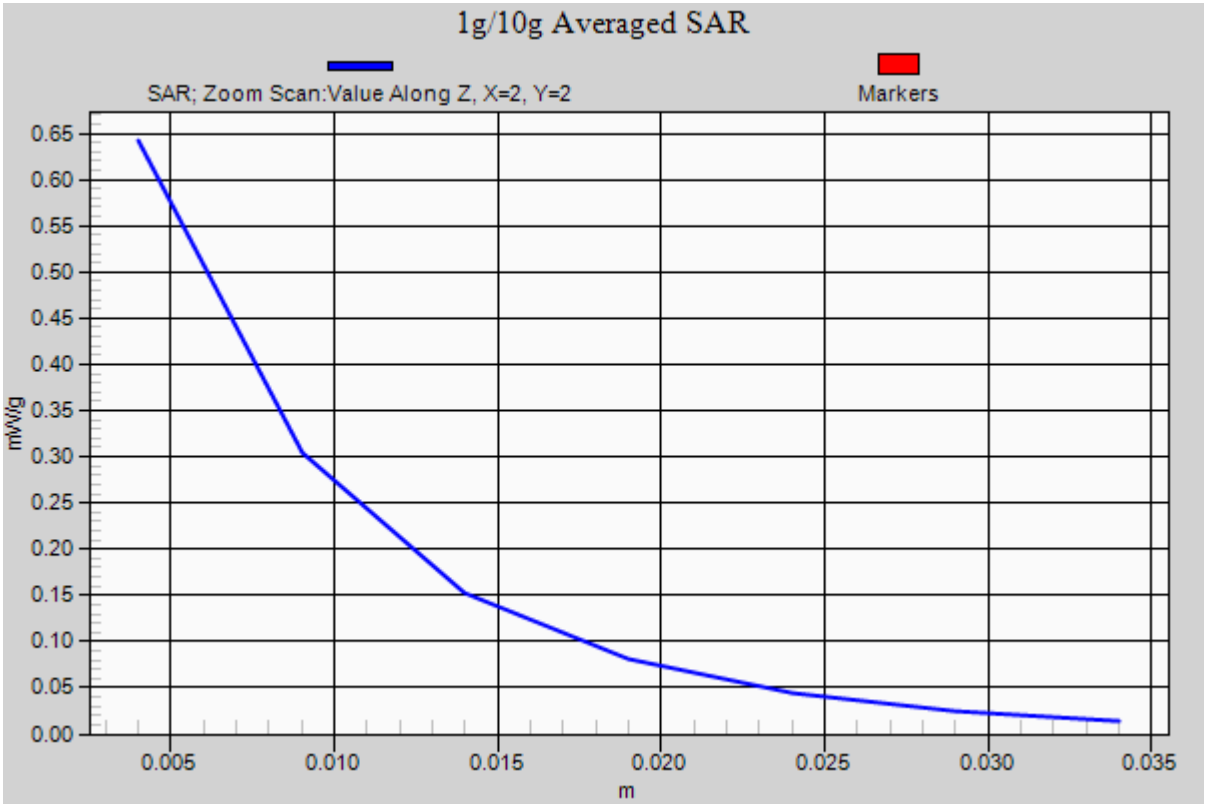
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110208 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

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

Ch9538/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.604 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.53 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.642 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

#14 WCDMA II_RMC 12.2K_Right Tilted_Ch9538

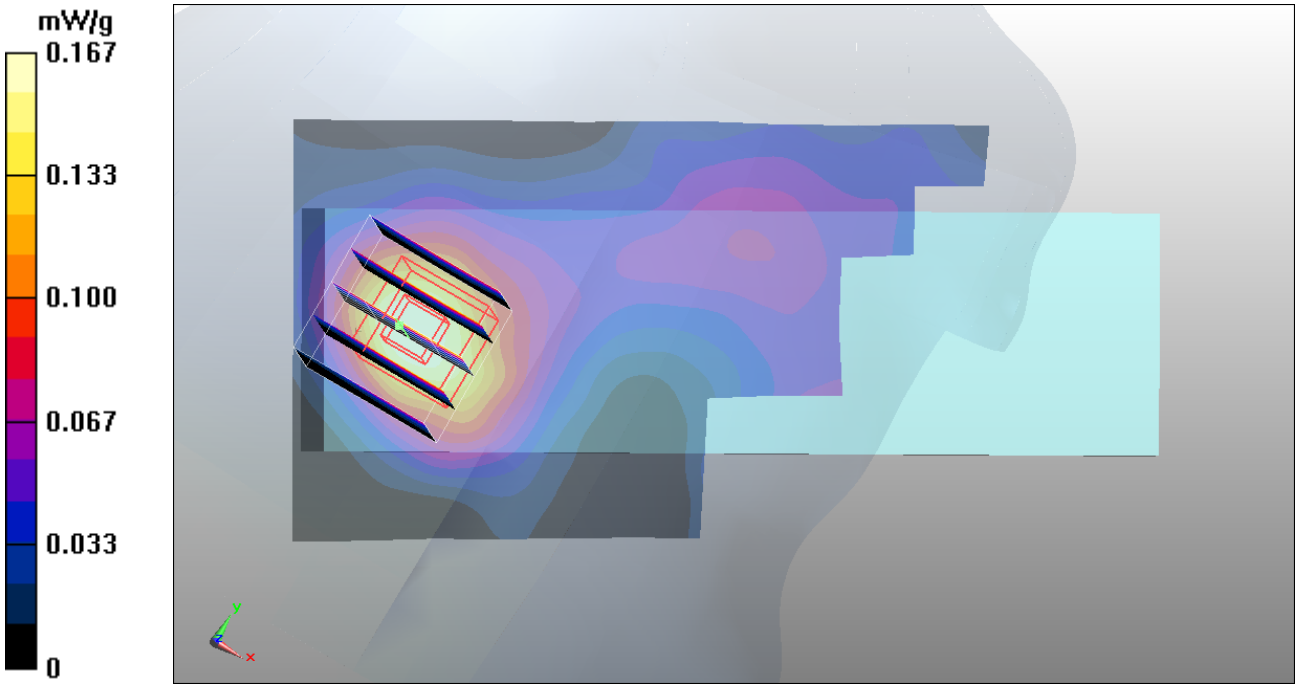
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110208 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

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

Ch9538/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.167 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.25 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.152 mW/g


mW/g
0.167
0.133
0.100
0.067
0.033
0

#15 WCDMA II_RMC 12.2K_Left Cheek_Ch9538

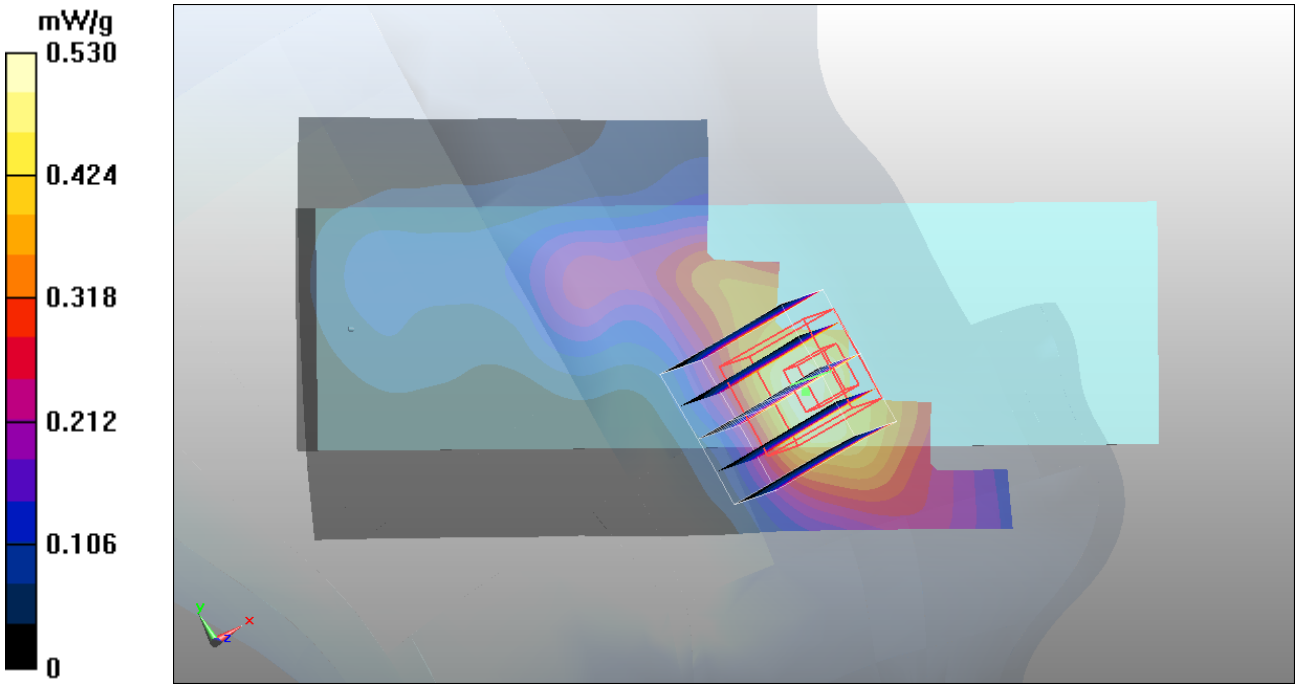
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110208 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

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

Ch9538/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.530 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.23 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.470 mW/g


mW/g
0.530
0.424
0.318
0.212
0.106
0

#16 WCDMA II_RMC 12.2K_Left Tilted_Ch9538

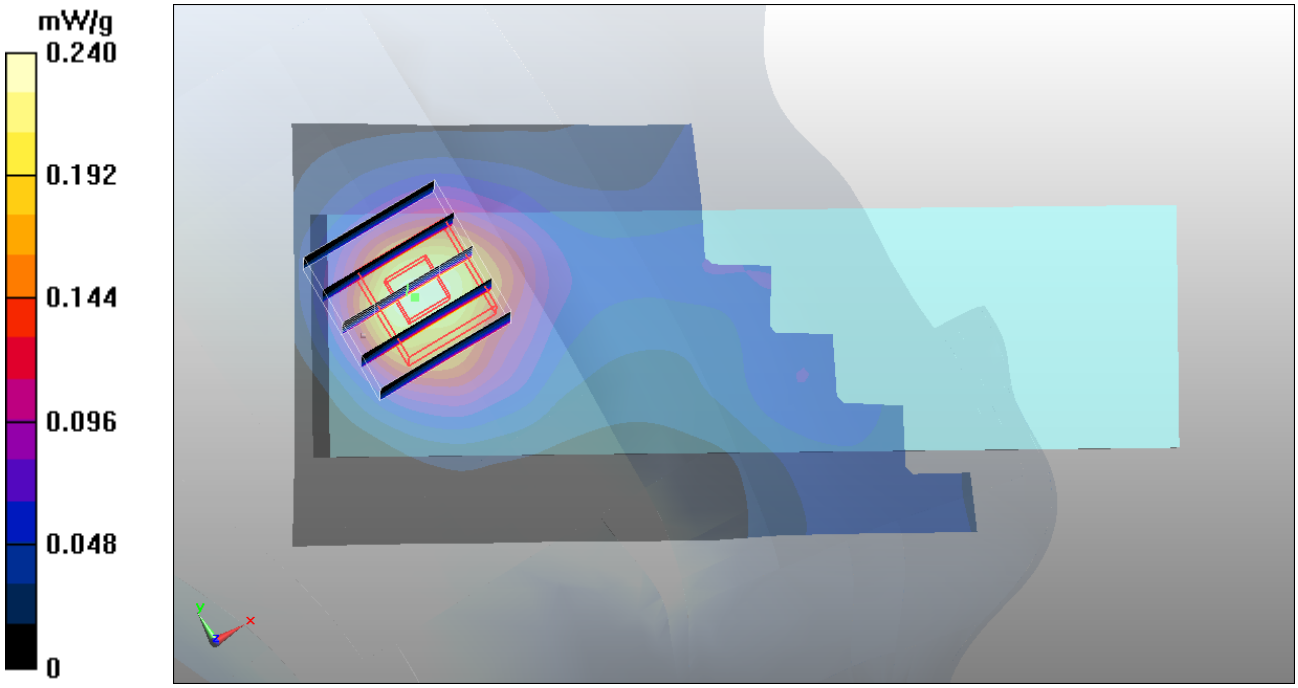
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_110208 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

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

Ch9538/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.74 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.228 mW/g


mW/g
0.240
0.192
0.144
0.096
0.048
0

#17 GSM850_GPRS10_Bottom_1.5cm_Ch128

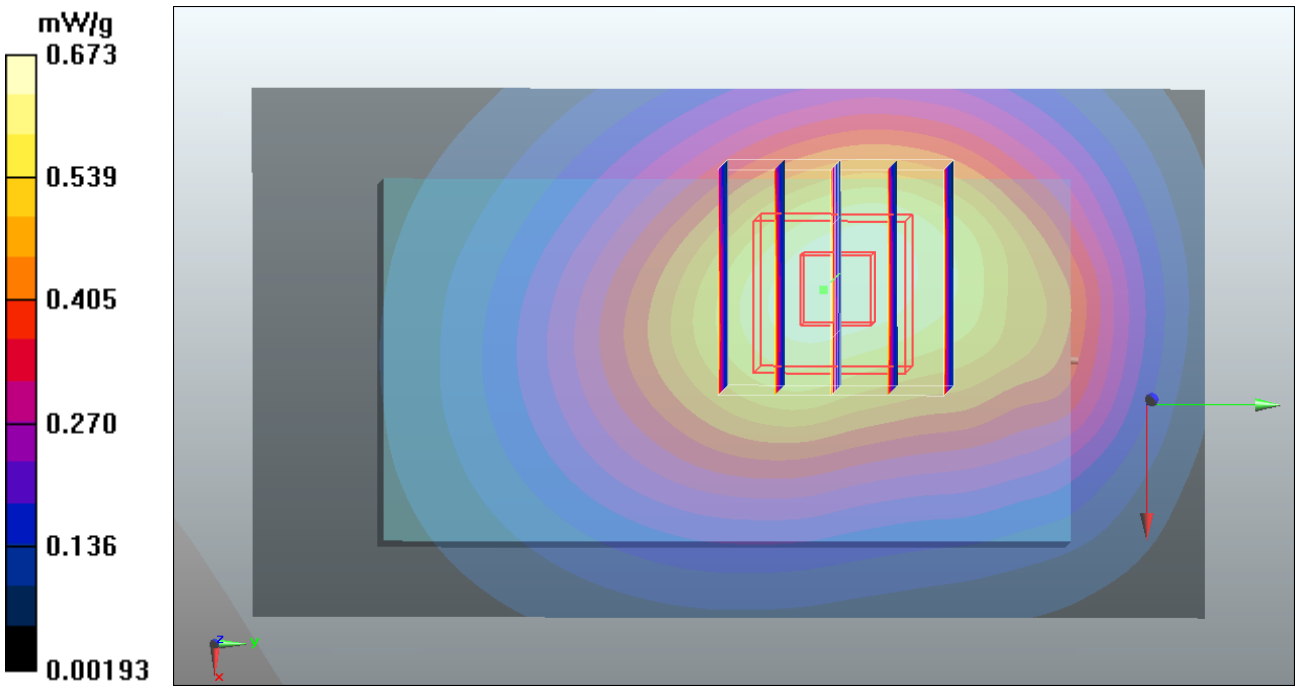
DUT: 120904

Communication System: GPRS 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110211 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

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 (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.673 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.912 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.687 mW/g


mW/g
0.673
0.539
0.405
0.270
0.136
0.00193

#17 GSM850_GPRS10_Bottom_1.5cm_Ch128_2D

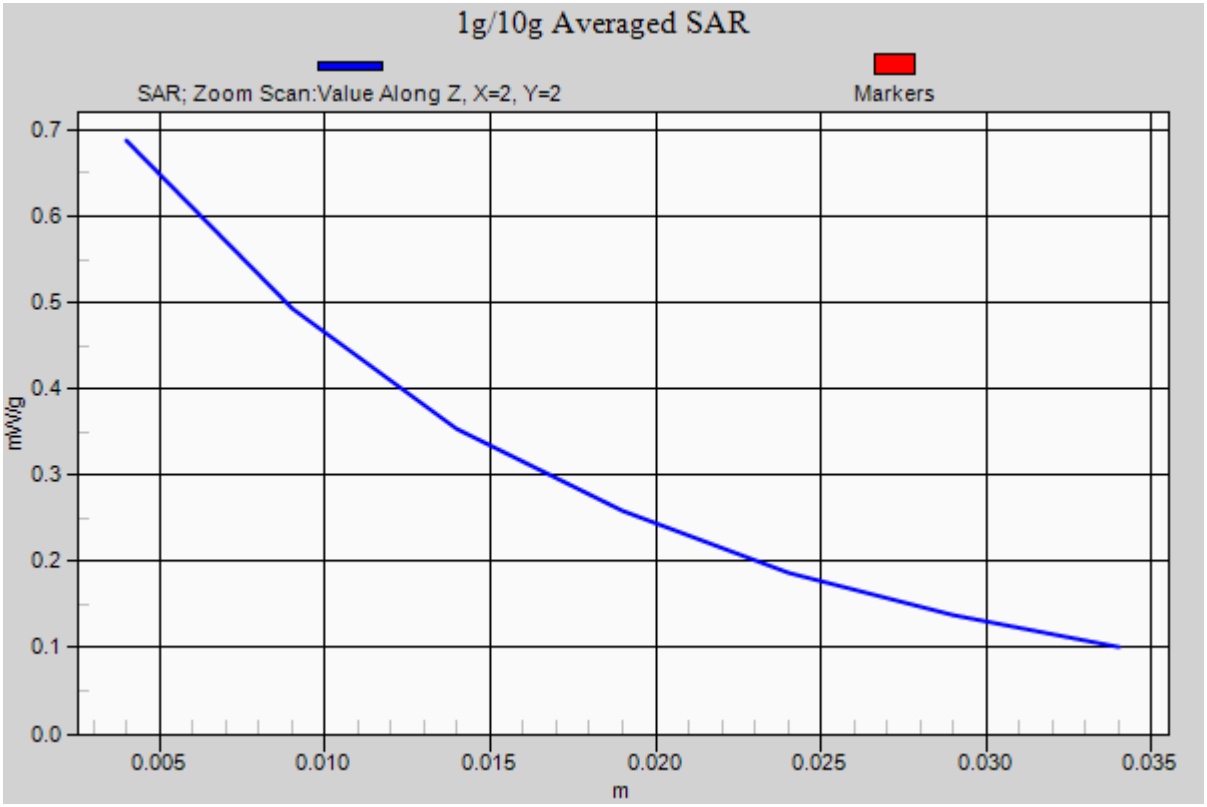
DUT: 120904

Communication System: GPRS 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110211 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

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 (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.673 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.912 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.687 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_GPRS10_Face_1.5cm_Ch128

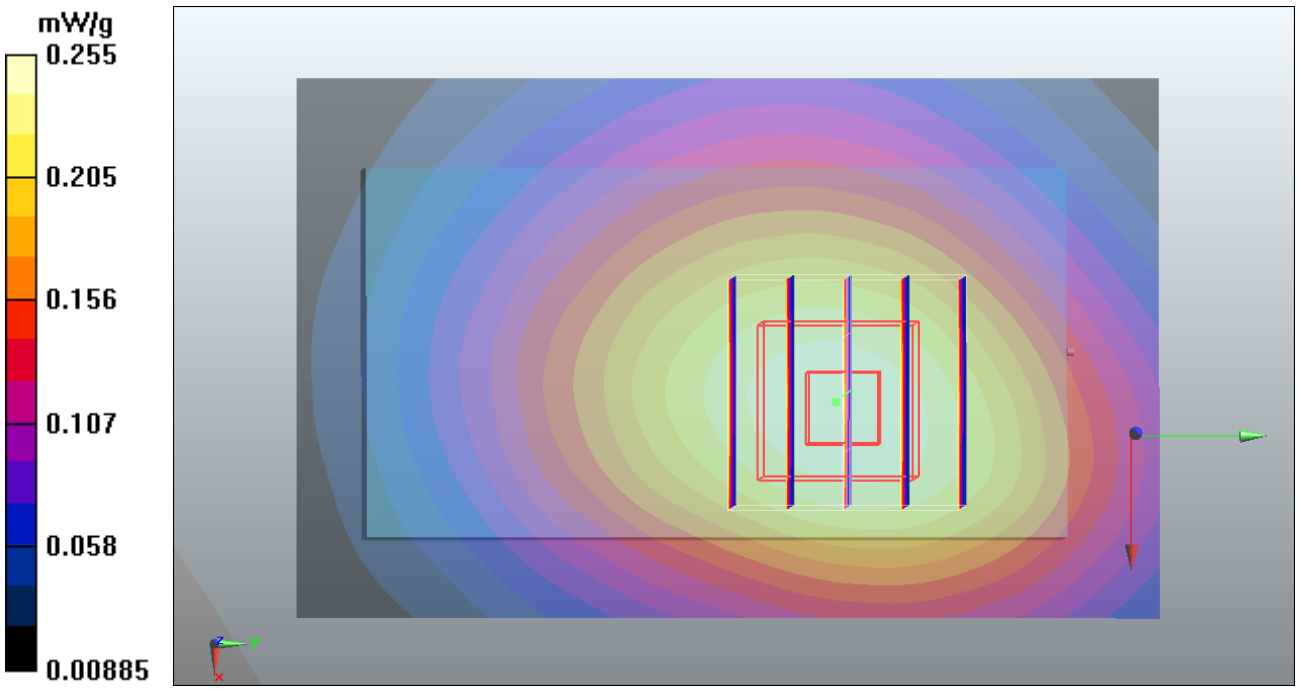
DUT: 120904

Communication System: GPRS 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110211 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

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) = 0.255 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.255 mW/g


mW/g
0.255
0.205
0.156
0.107
0.058
0.00885

#21 GSM1900_GPRS10_Bottom_1.5cm_Ch810

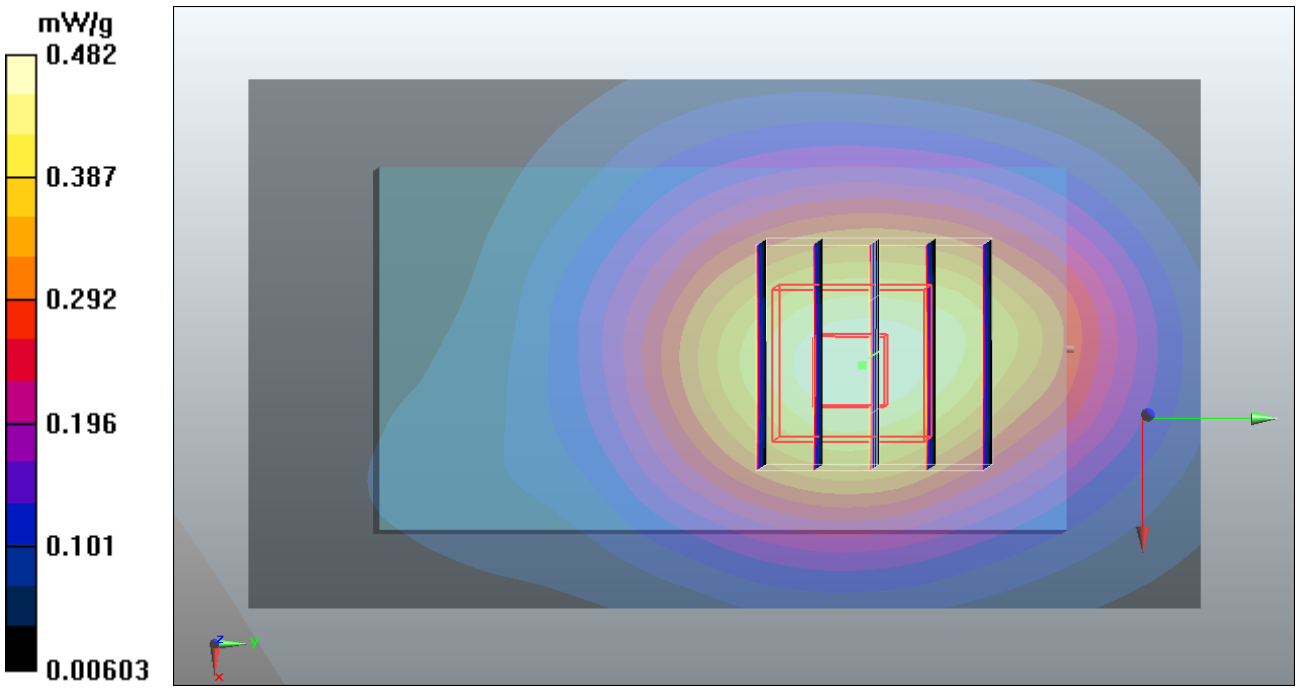
DUT: 120904

Communication System: GPRS 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110211 Medium parameters used: f = 1910 MHz; σ = 1.52 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.482 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.474 mW/g


mW/g
0.482
0.387
0.292
0.196
0.101
0.00603

#21 GSM1900_GPRS10_Bottom_1.5cm_Ch810_2D

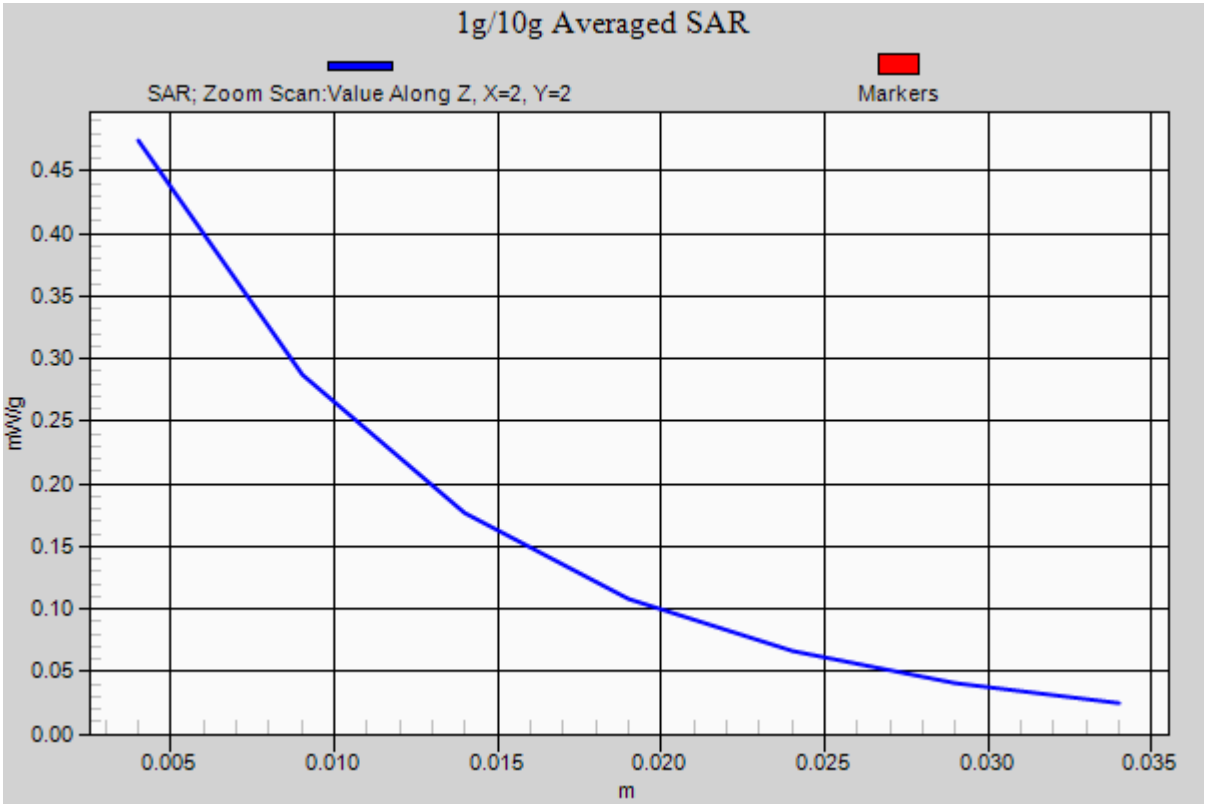
DUT: 120904

Communication System: GPRS 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110211 Medium parameters used: f = 1910 MHz; σ = 1.52 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.482 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.474 mW/g


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

#22 GSM1900_GPRS10_Face_1.5cm_Ch810

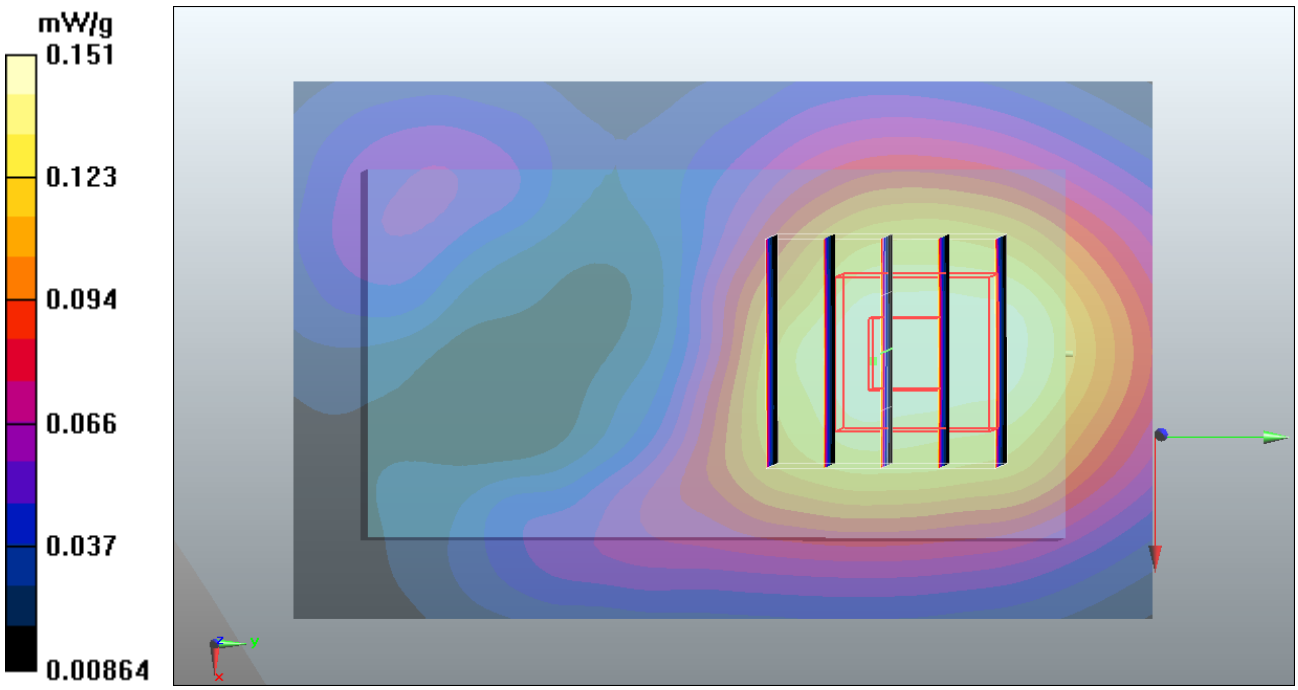
DUT: 120904

Communication System: GPRS 10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110211 Medium parameters used: f = 1910 MHz; σ = 1.52 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.151 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.12 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.152 mW/g


mW/g
0.151
0.123
0.094
0.066
0.037
0.00864

#19 WCDMA V_RMC 12.2K_Bottom_1.5cm_Ch4182

DUT: 120904

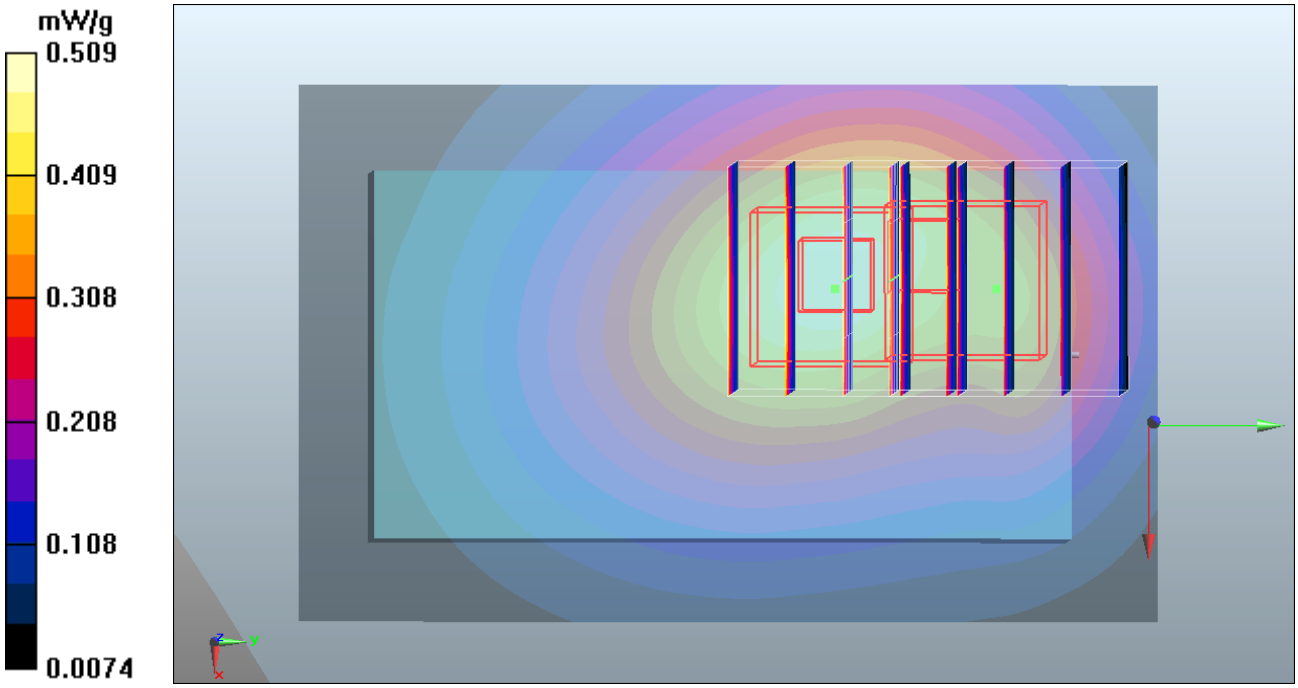
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110211 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.509 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.501 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.265 mW/g
Maximum value of SAR (measured) = 0.471 mW/g


mW/g
0.509
0.409
0.308
0.208
0.108
0.0074

#19 WCDMA V_RMC 12.2K_Bottom_1.5cm_Ch4182_2D

DUT: 120904

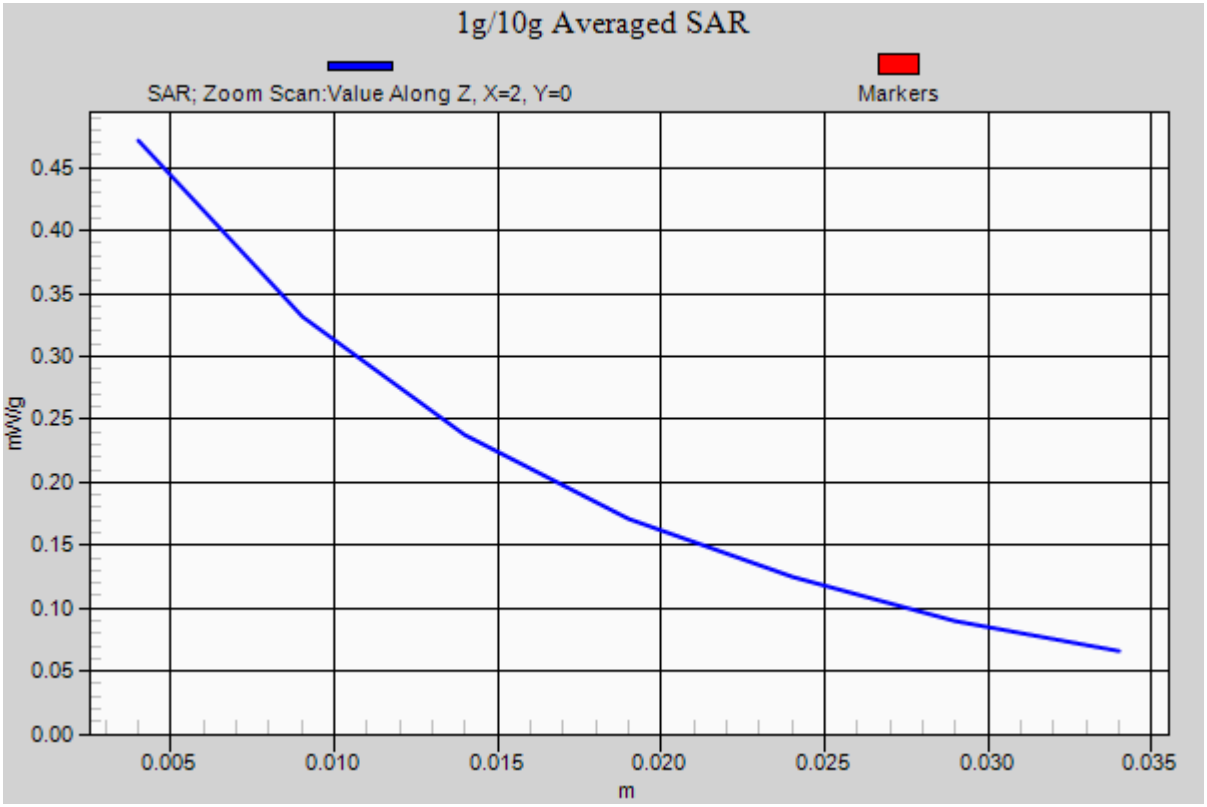
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110211 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.7 ℃

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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.509 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.501 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.265 mW/g
Maximum value of SAR (measured) = 0.471 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=0
Markers
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

#20 WCDMA V_RMC 12.2K_Face_1.5cm_Ch4182

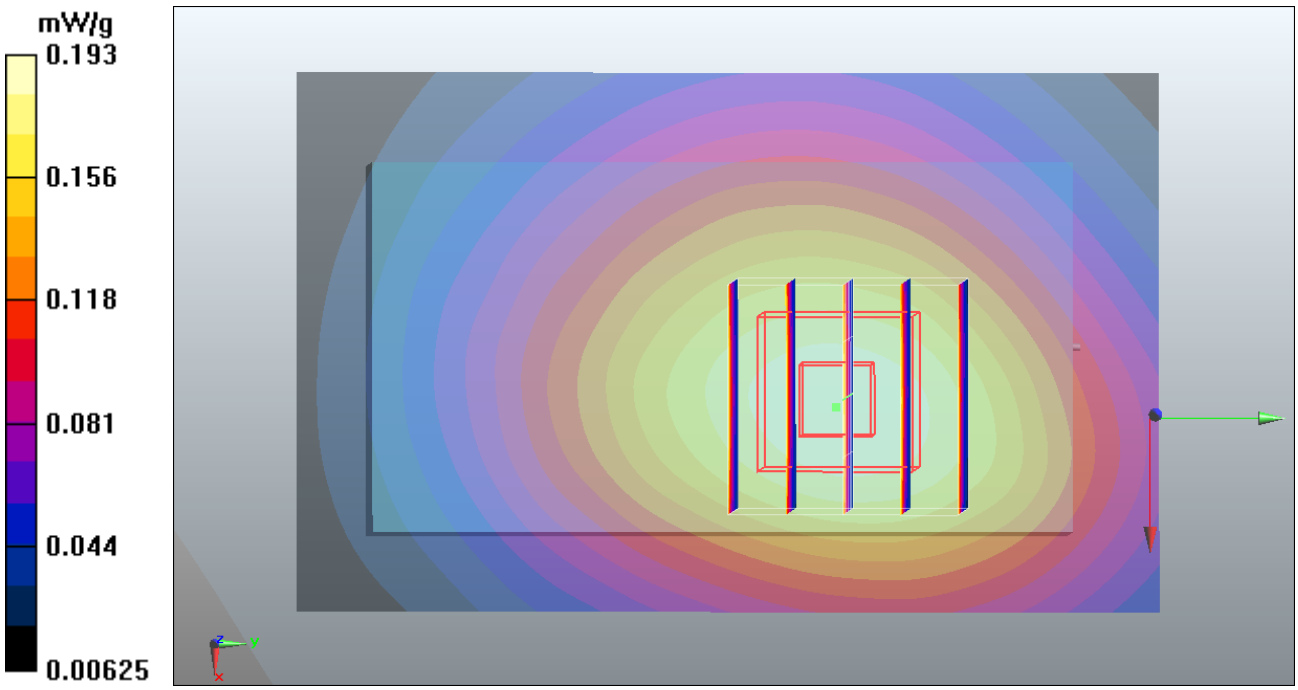
DUT: 120904

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110211 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

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

Ch4182/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.193 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.192 mW/g


mW/g
0.193
0.156
0.118
0.081
0.044
0.00625

#23 WCDMA II_RMC 12.2K_Bottom_1.5cm_Ch9538

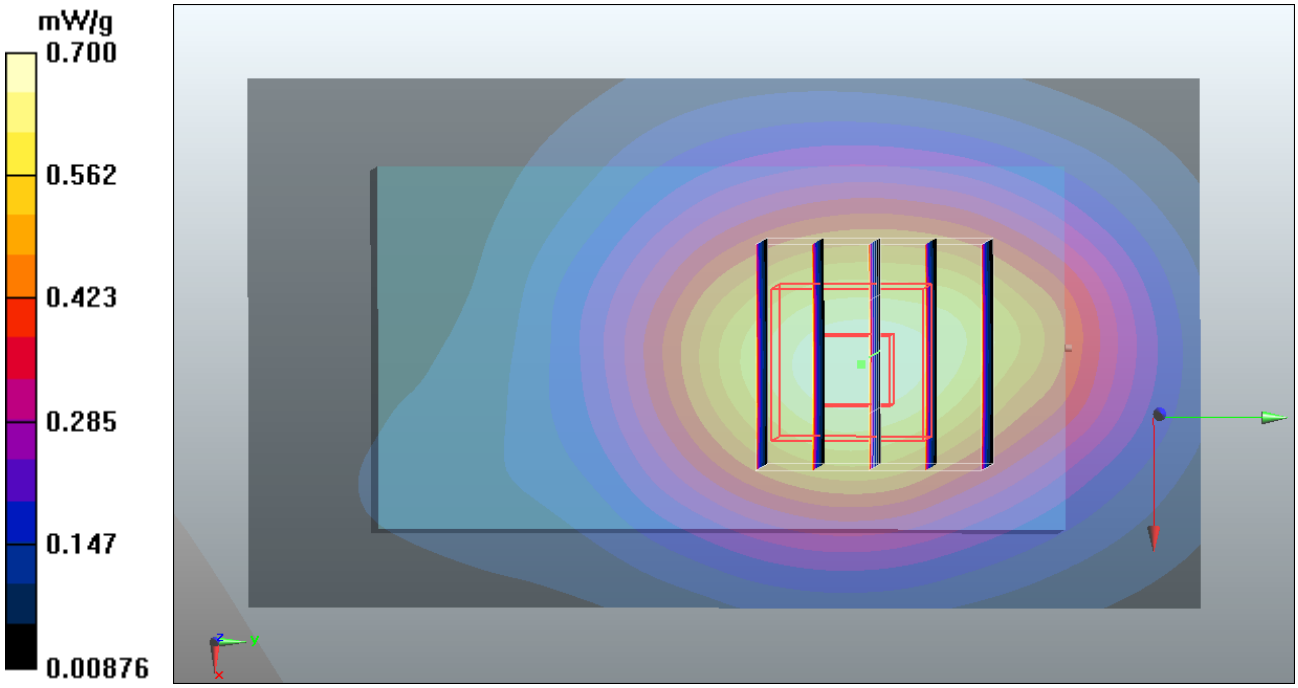
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110211 Medium parameters used: f = 1908 MHz; σ = 1.52 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.700 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.677 mW/g


mW/g
0.700
0.562
0.423
0.285
0.147
0.00876

#23 WCDMA II_RMC 12.2K_Bottom_1.5cm_Ch9538_2D

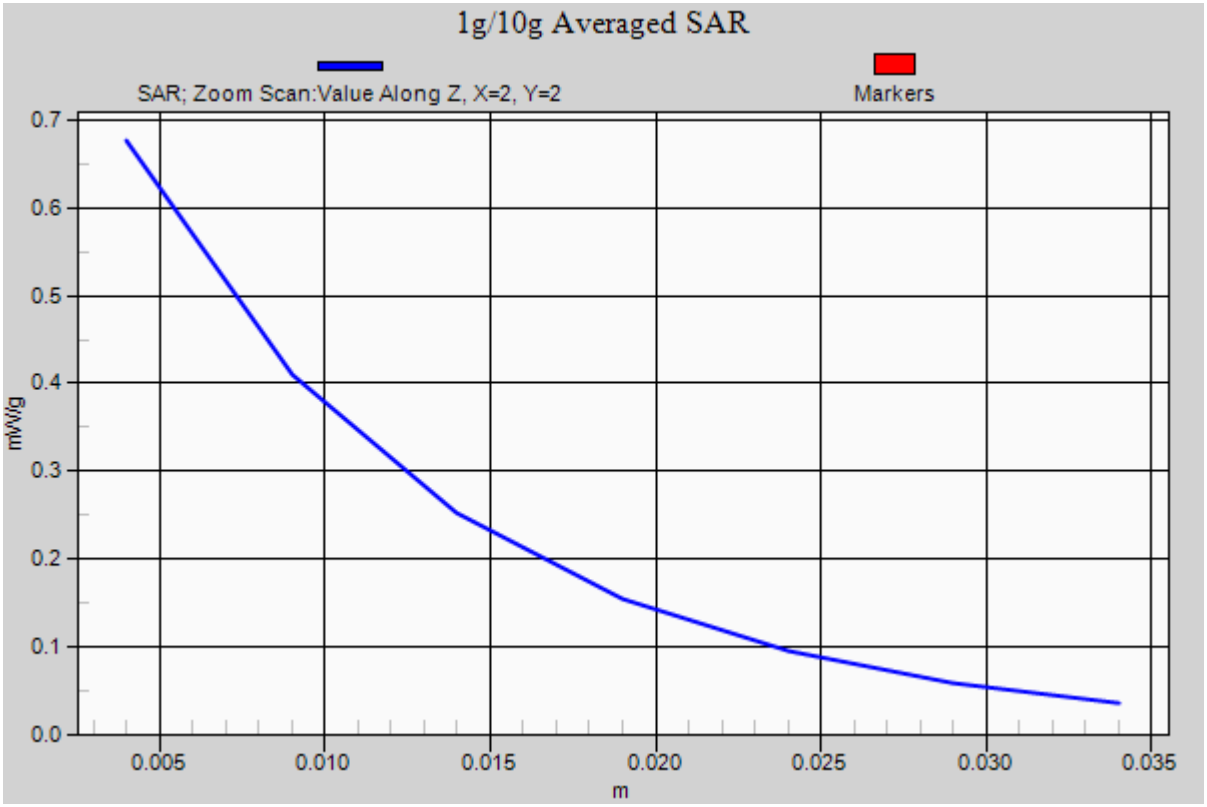
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110211 Medium parameters used: f = 1908 MHz; σ = 1.52 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.700 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.677 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

#24 WCDMA II_RMC 12.2K_Face_1.5cm_Ch9538

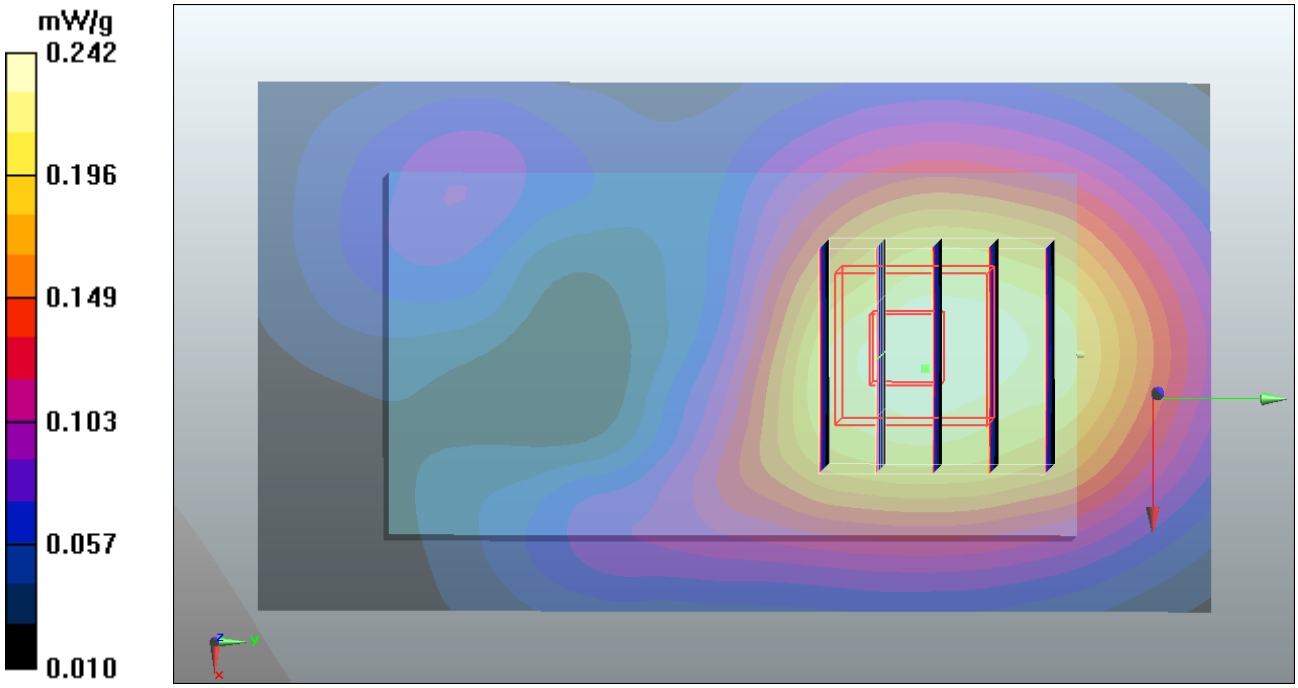
DUT: 120904

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110211 Medium parameters used: f = 1908 MHz; σ = 1.52 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.229 mW/g


mW/g
0.242
0.196
0.149
0.103
0.057
0.010