Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P01 GSM850_Right Cheek_Ch128_Sample1

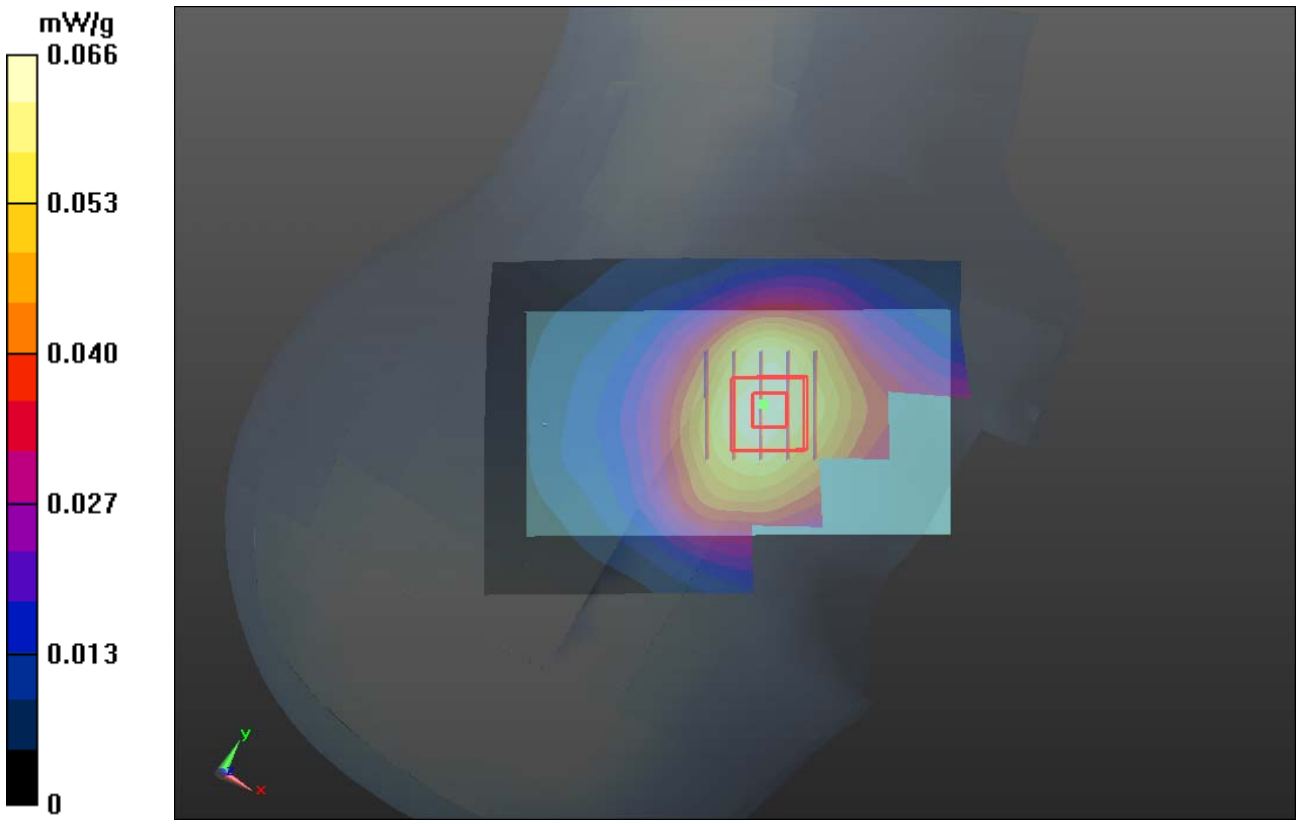
DUT: 120423C15

Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 42.185; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0664 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.101 V/m; Power Drift = -0.177 dB
Peak SAR (extrapolated) = 0.072 mW/g
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.0662 mW/g



P02 GSM850_Right Tilted_Ch128_Sample1

DUT: 120423C15

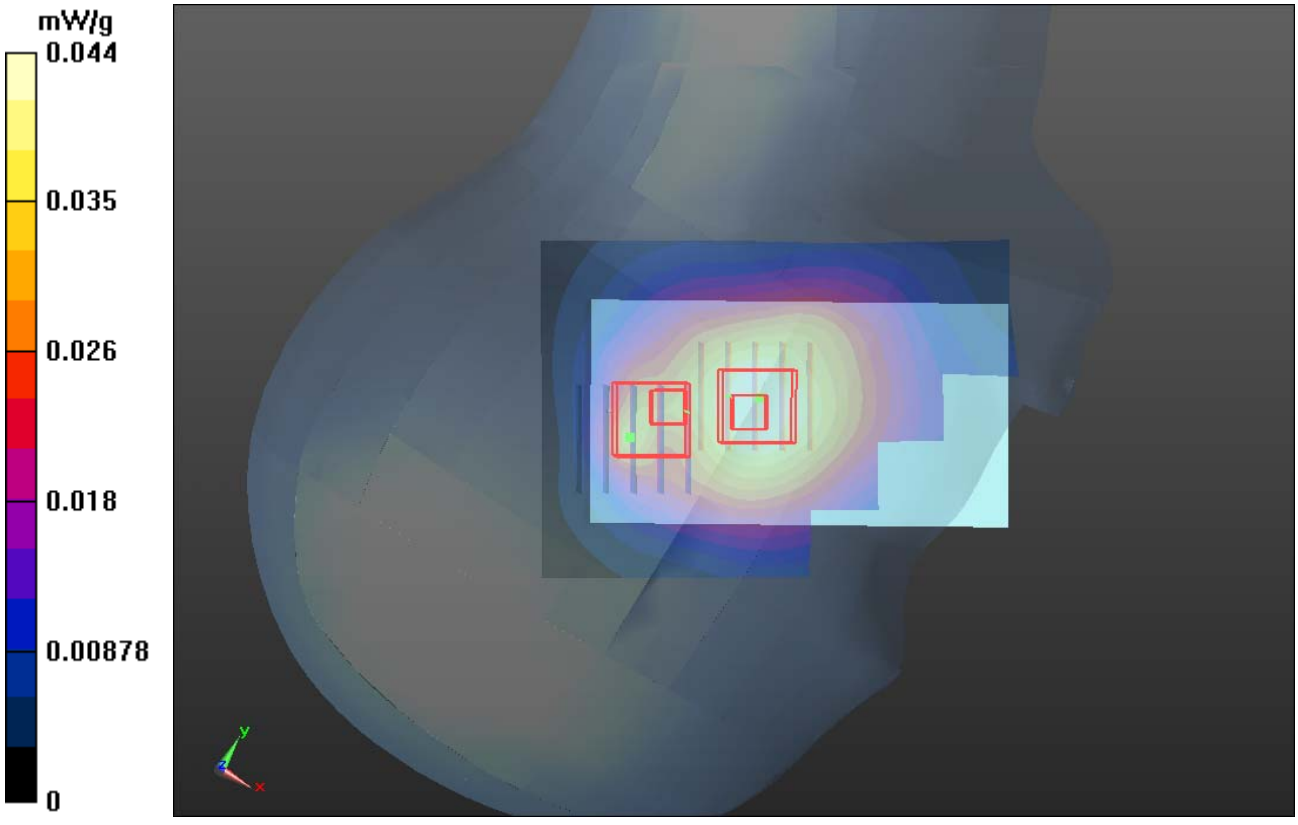
Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 42.185; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0439 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.975 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.047 mW/g
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.0421 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.975 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.032 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.0309 mW/g



P03 GSM850_Left Cheek_Ch128_Sample1

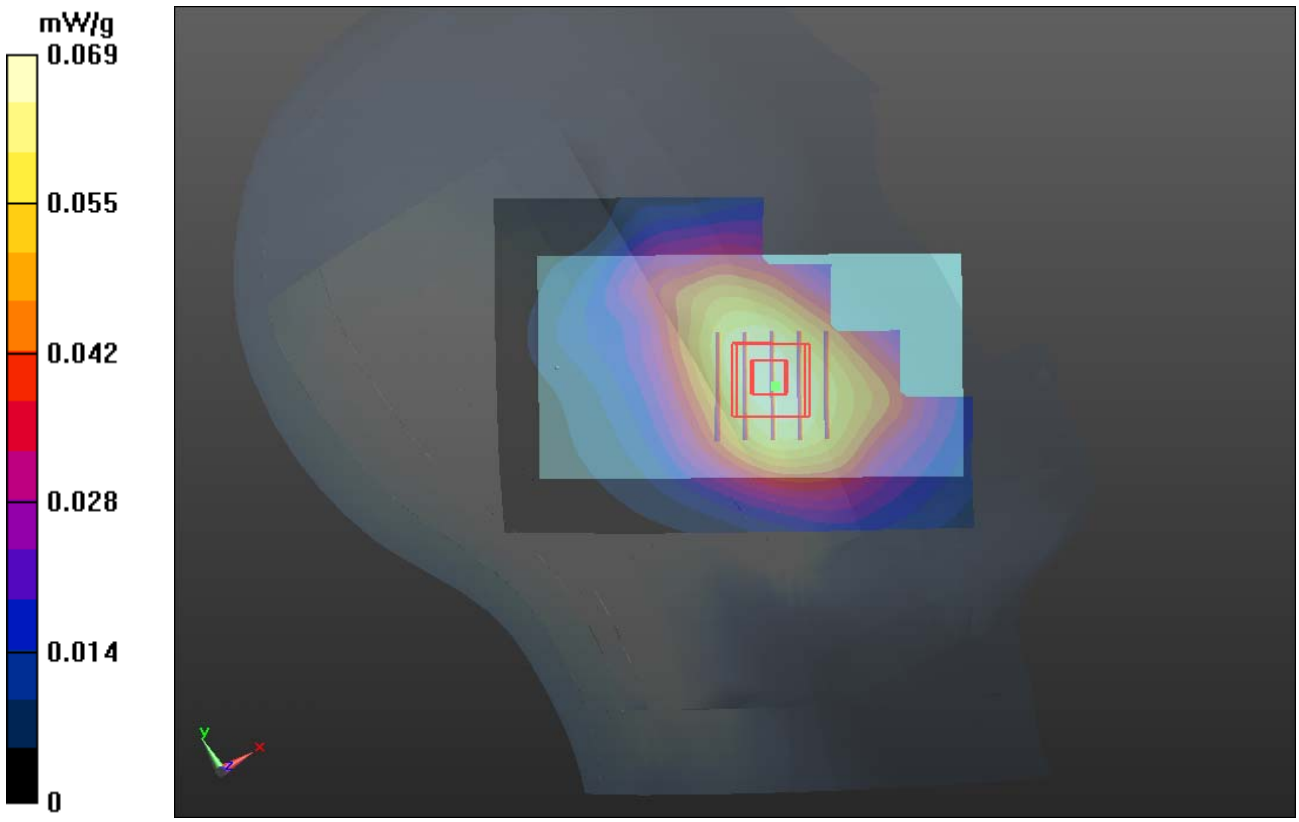
DUT: 120423C15

Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 42.185; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0693 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.566 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.0706 mW/g



P04 GSM850_Left Tilted_Ch128_Sample1

DUT: 120423C15

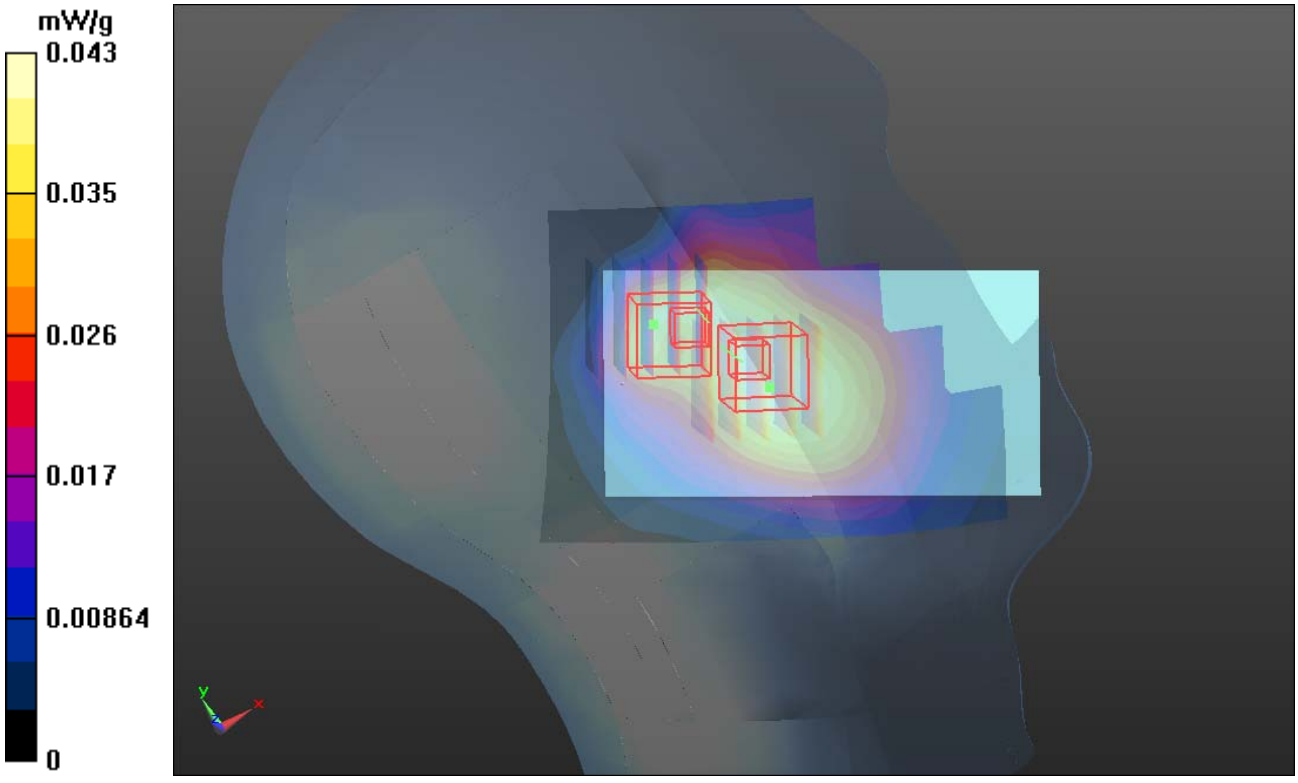
Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0425 Medium parameters used f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 42.185; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0432 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.650 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.047 mW/g
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.0441 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.650 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.0375 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P05 GSM850_DTM9_Left Cheek_Ch128_Sample1

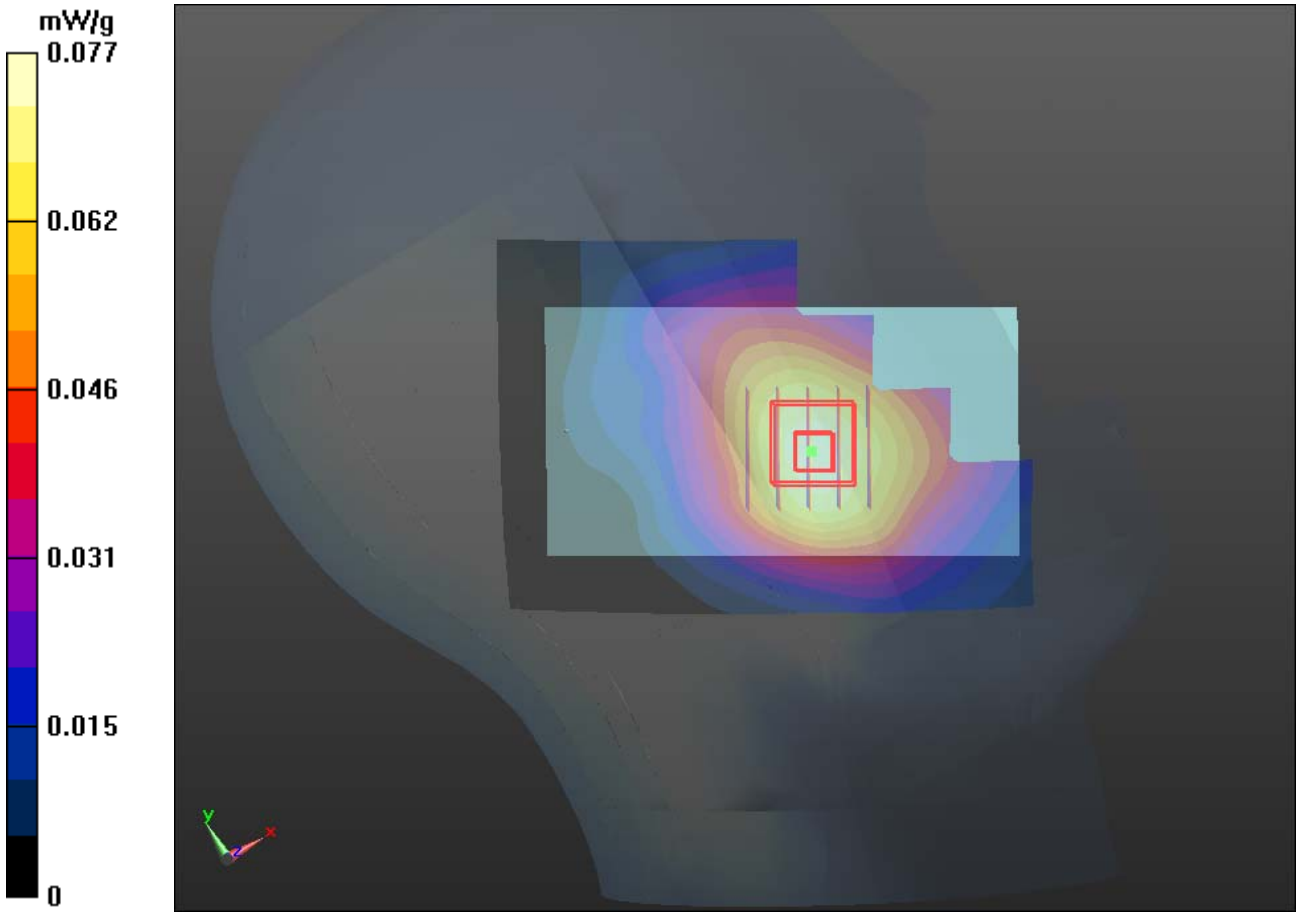
DUT: 120423C15

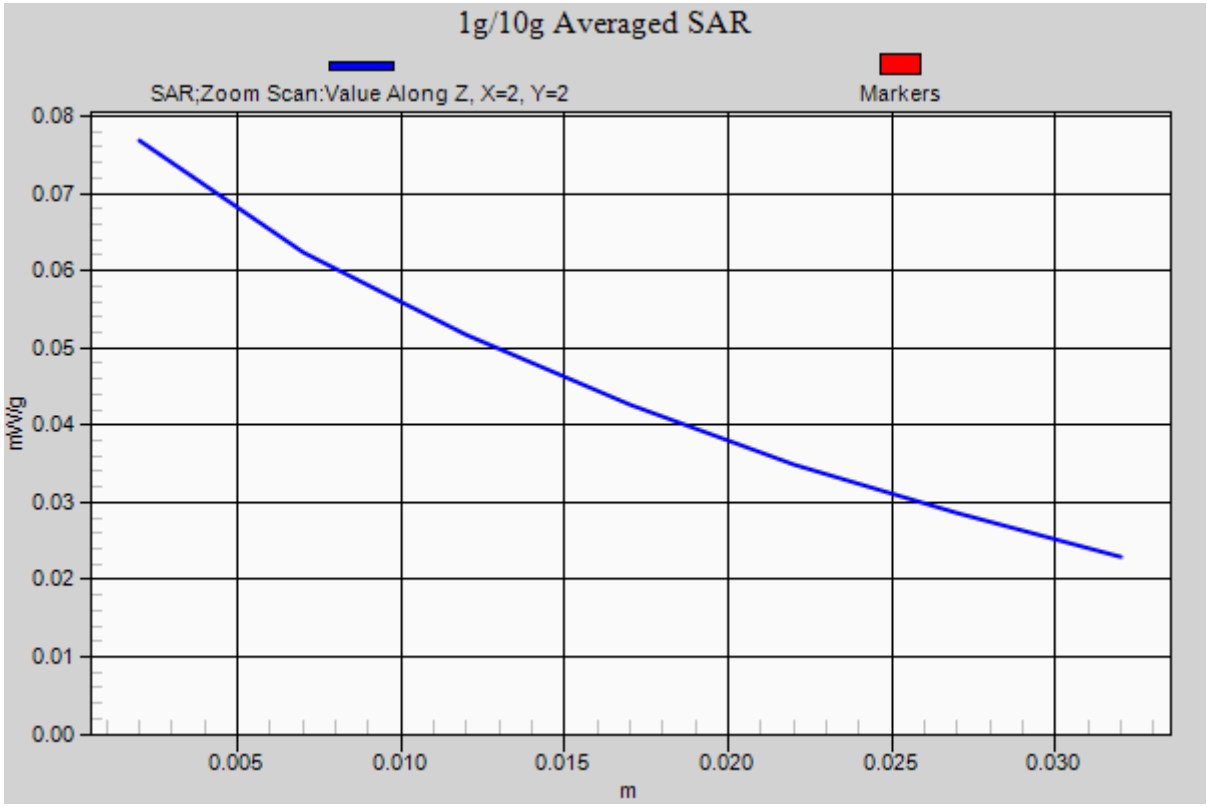
Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: H835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.887 mho/m; ε_r = 42.185; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0771 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.420 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.0768 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/26

P110 GSM850_GPRS12_Left Cheek_Ch128_Sample1

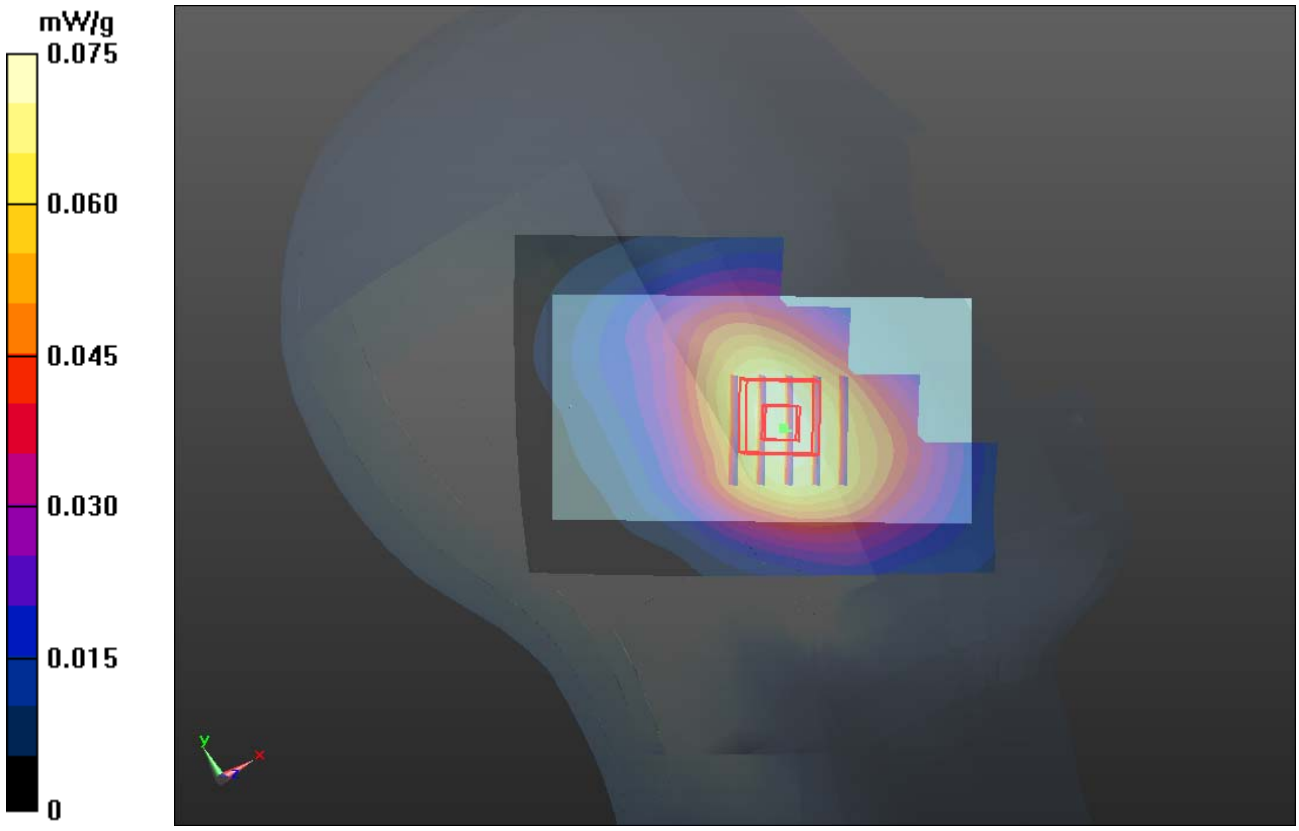
DUT: 120423C15

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: H835_0426 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 42.006; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0752 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.039 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.083 mW/g
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.0752 mW/g



P06 GSM850_DTM9_Left Cheek_Ch128_Sample2

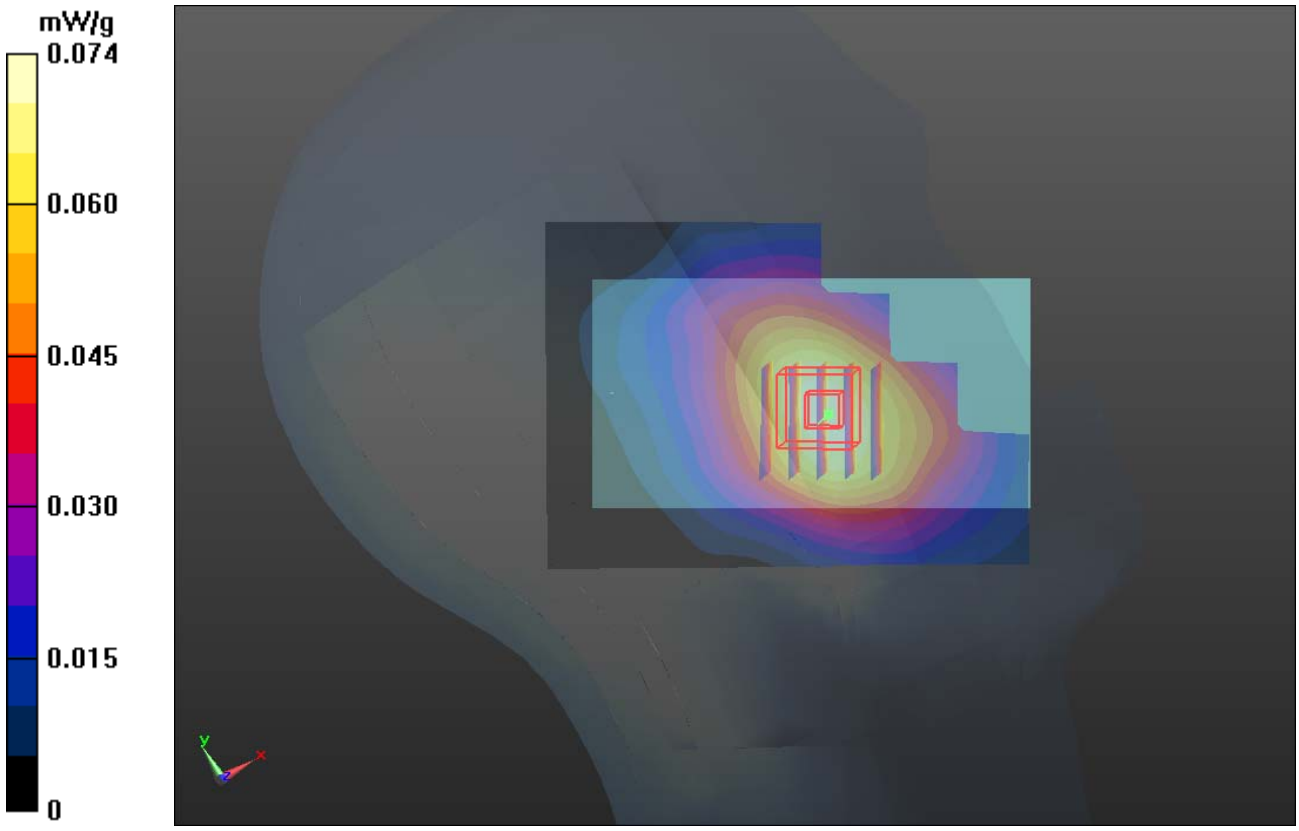
DUT: 120423C15

Communication System: DTM9; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: H835_0426 Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 42.006; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0744 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.125 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 0.081 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.0740 mW/g



P07 GSM1900_Right Cheek_Ch810_Sample1

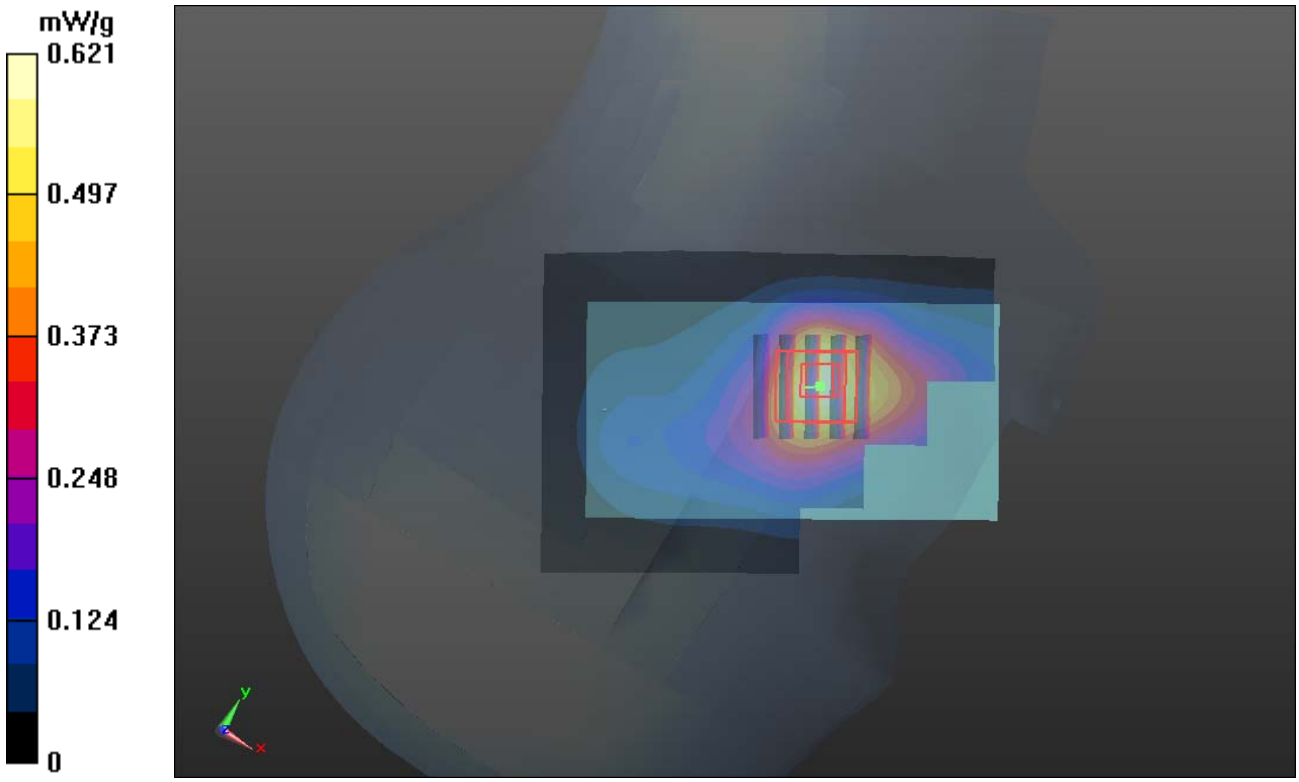
DUT: 120423C15

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0425 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.621 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.359 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.650 mW/g
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.566 mW/g



P08 GSM1900_Right Tilted_Ch810_Sample1

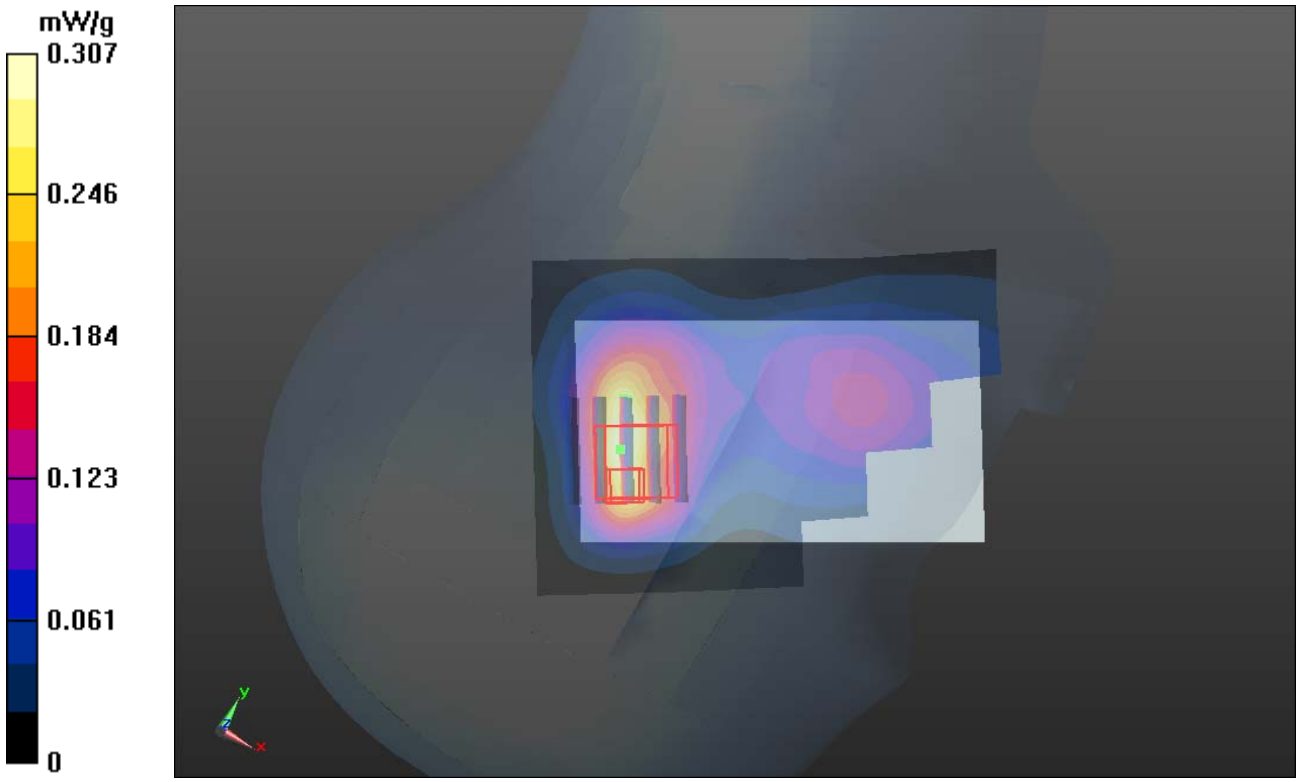
DUT: 120423C15

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0425 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.307 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.073 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.292 mW/g
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.232 mW/g



P09 GSM1900_Left Cheek_Ch810_Sample1

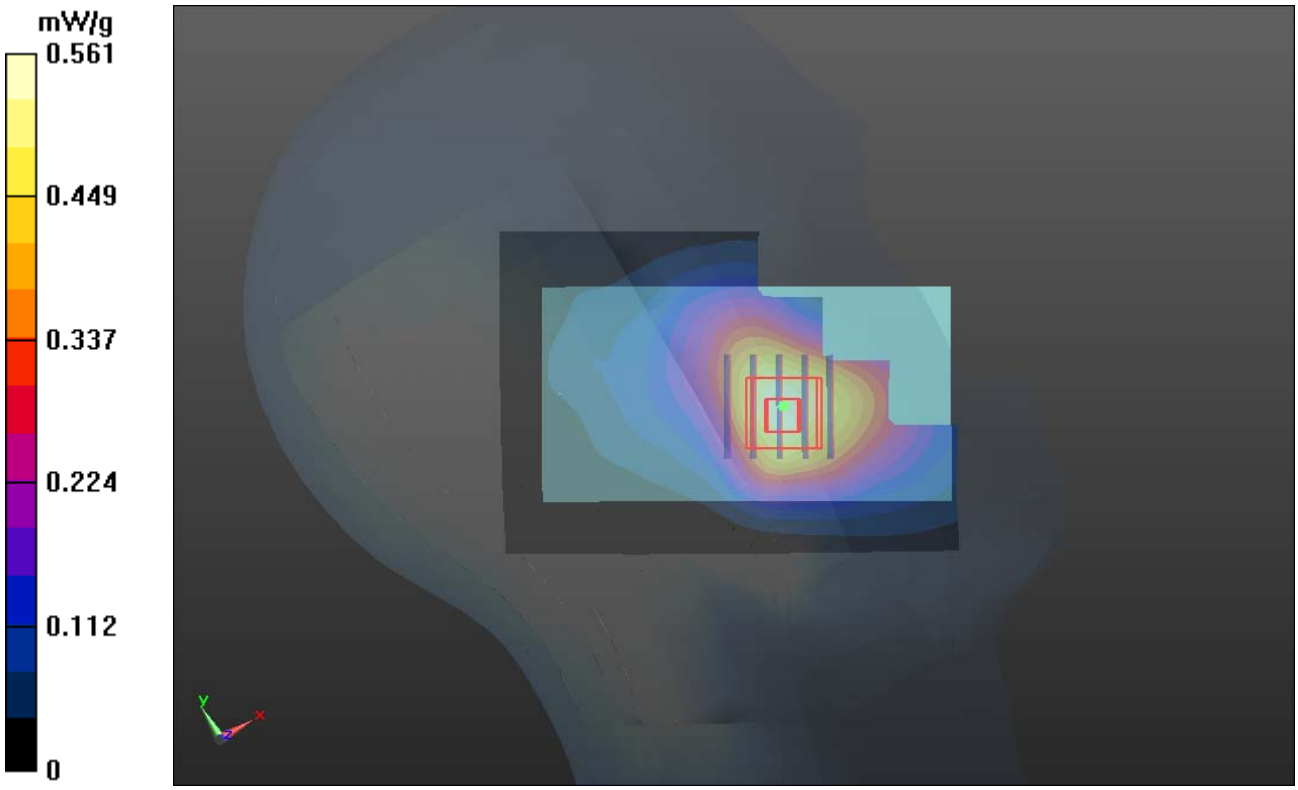
DUT: 120423C15

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0425 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.561 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.733 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.602 mW/g
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.518 mW/g



P10 GSM1900_Left Tilted_Ch810_Sample1

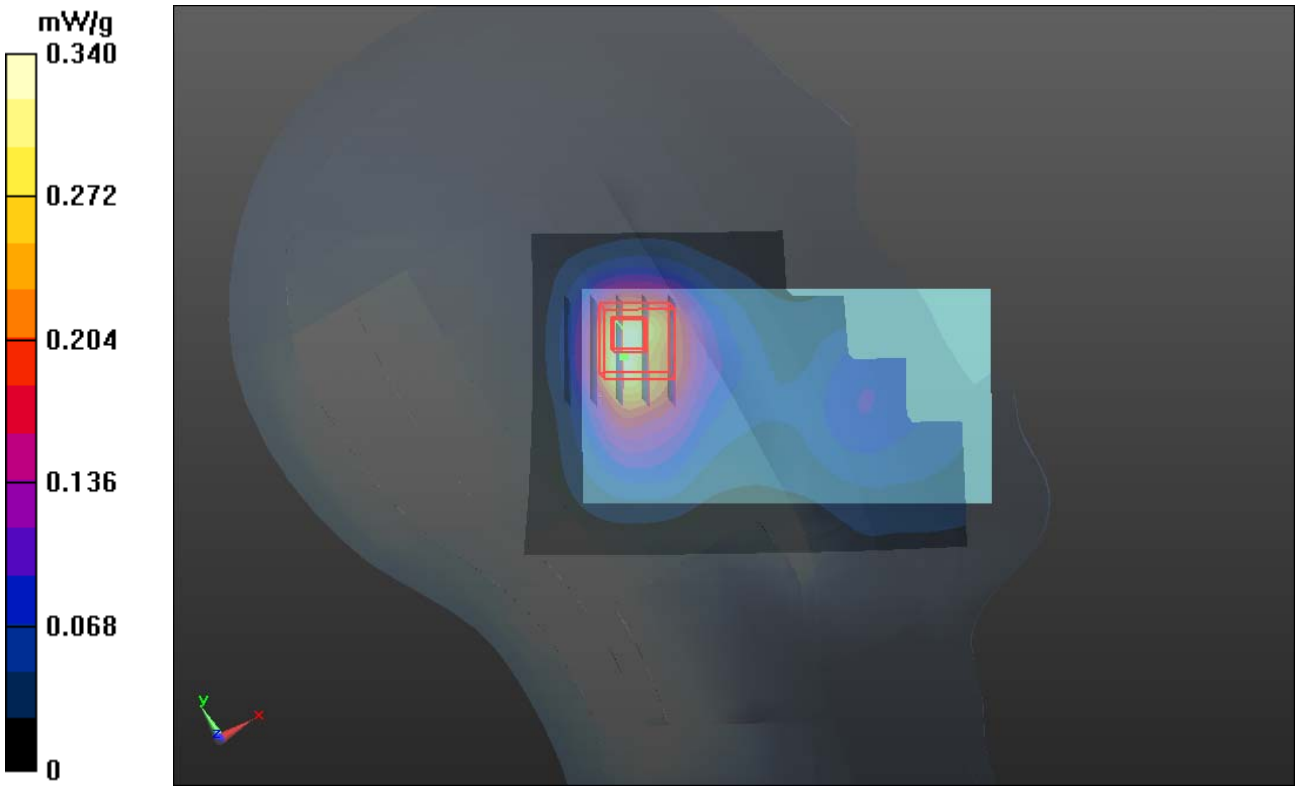
DUT: 120423C15

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0425 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.340 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.666 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.386 mW/g
SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.308 mW/g



P11 GSM1900_DTM 9_Right Cheek_Ch810_Sample1

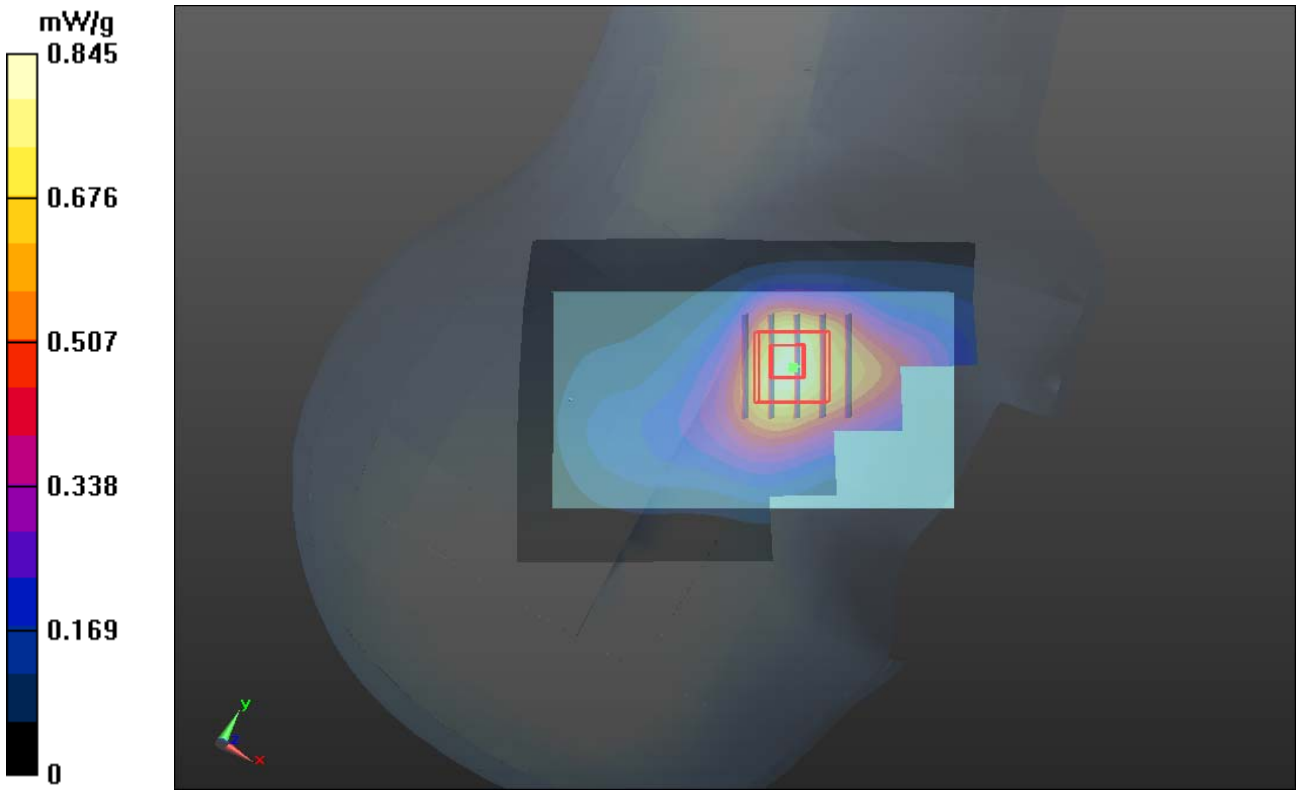
DUT: 120423C15

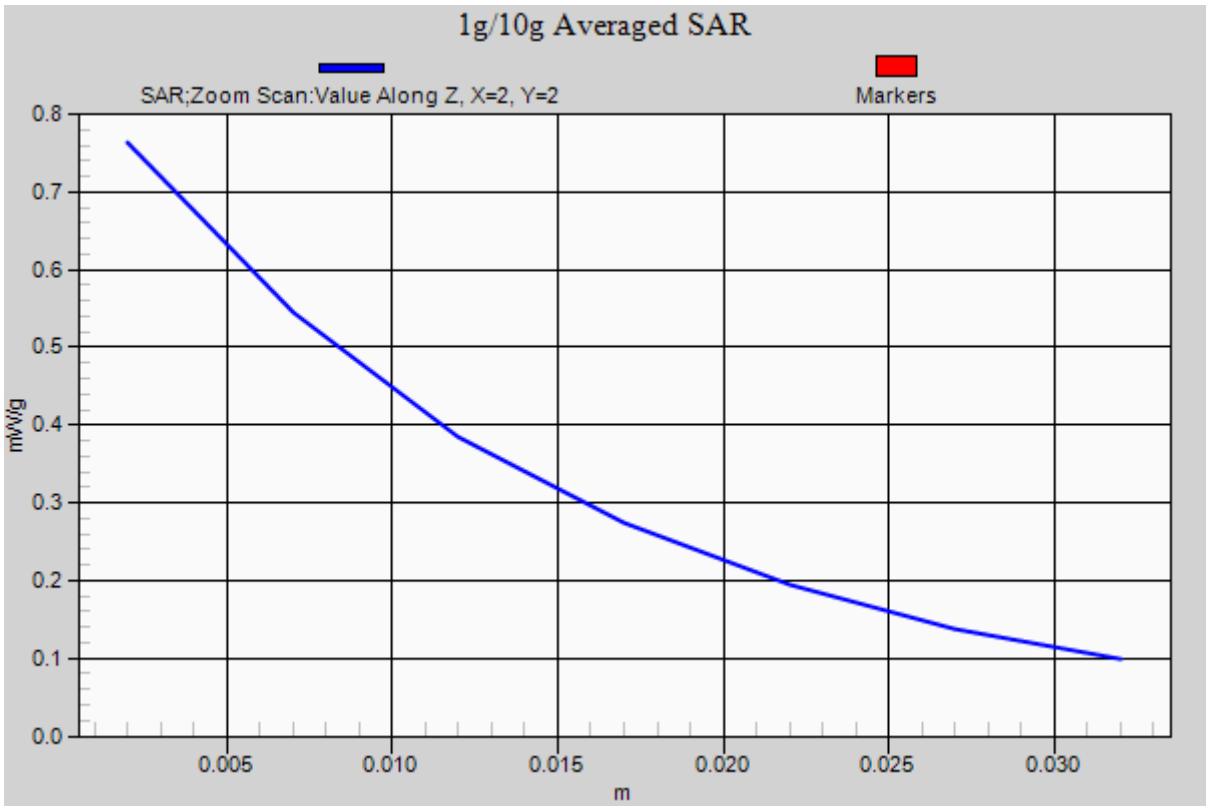
Communication System: DTM 9; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0425 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.845 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.652 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.883 mW/g
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.763 mW/g




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

P111 GSM1900_GPRS10_Right Cheek_Ch810_Battery1

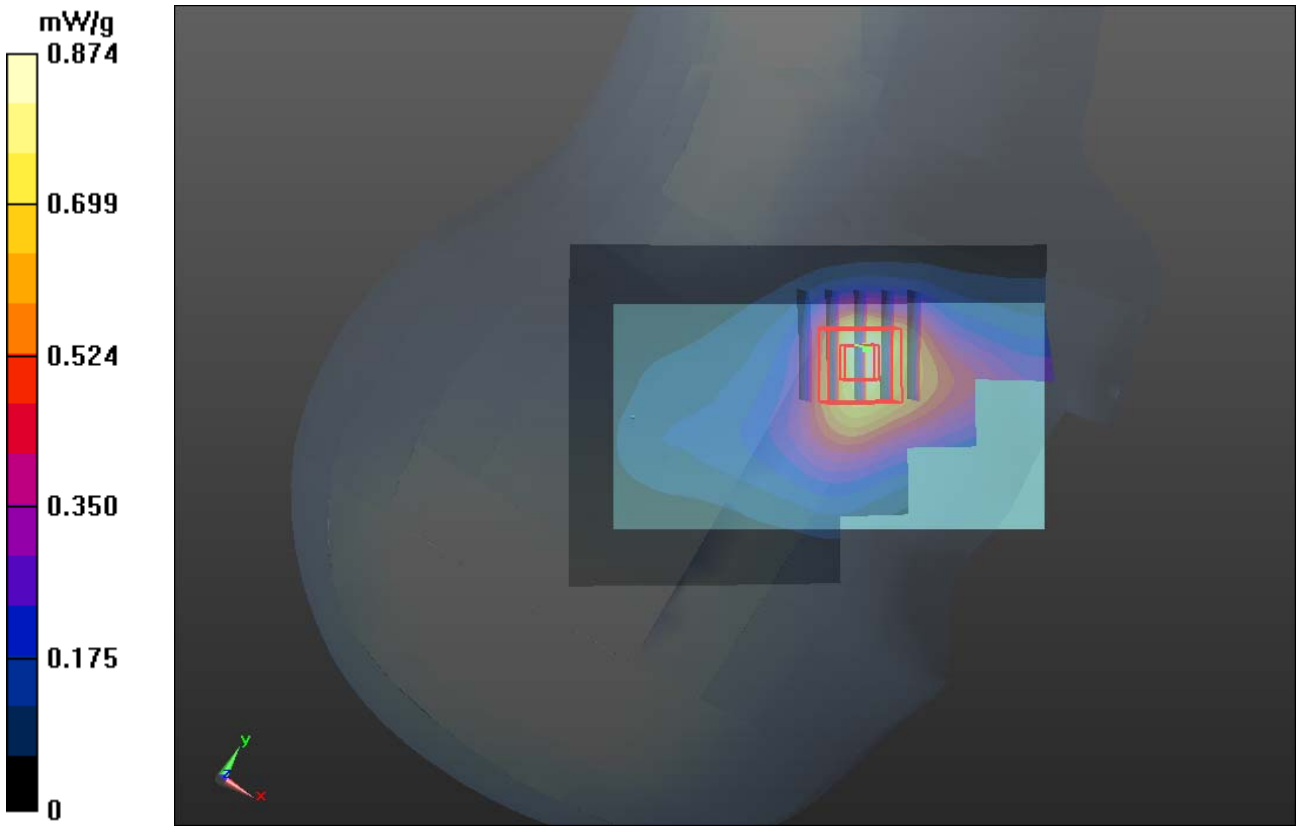
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0426 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.874 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.403 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.889 mW/g
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.739 mW/g



P12 GSM1900_DTM9_Right Cheek_Ch810_Battery2

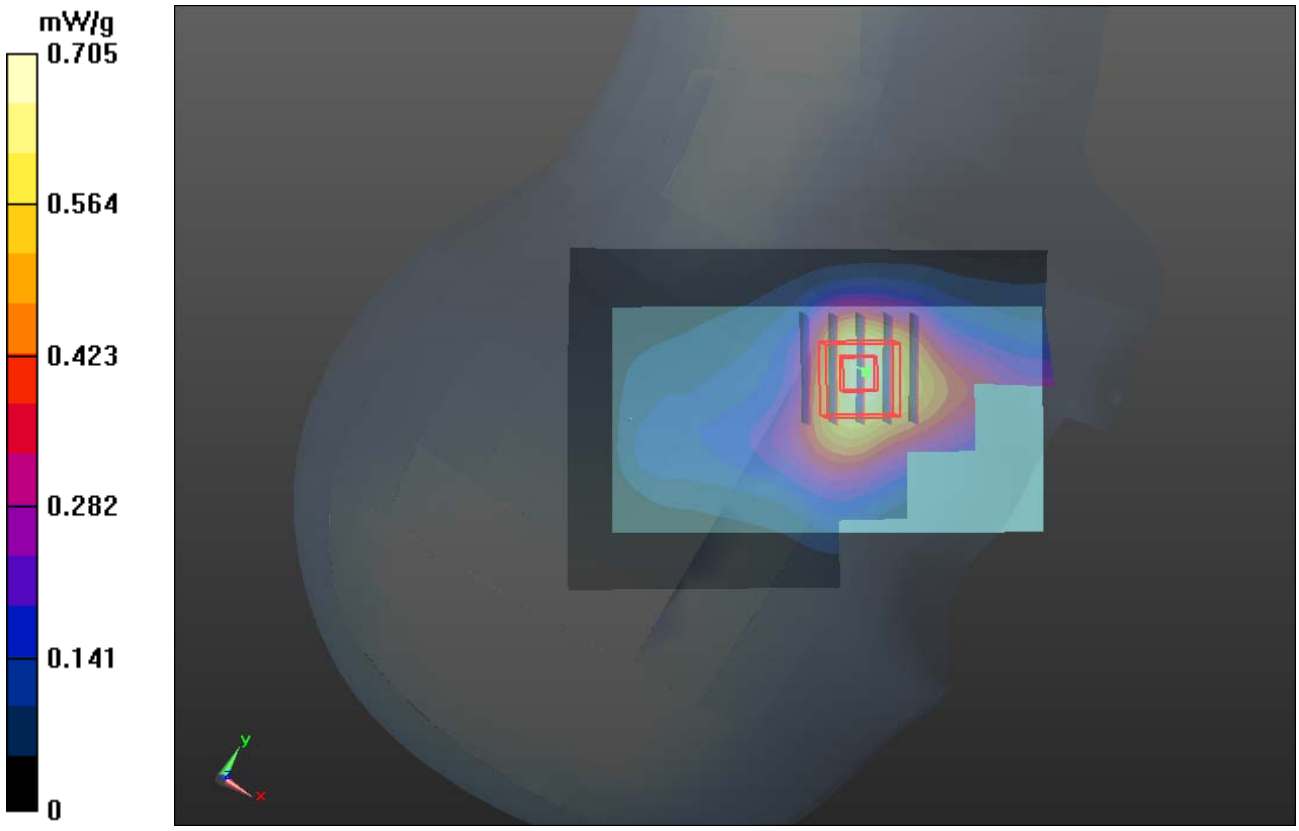
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0426 Medium parameters used: f = 1910 MHz; σ = 1.42 mho/m; ε_r = 41.34; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.705 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.753 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.763 mW/g
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 0.650 mW/g



P58 WCDMA V_RMC 12.2K_Right Cheek_Ch4182_Sample1

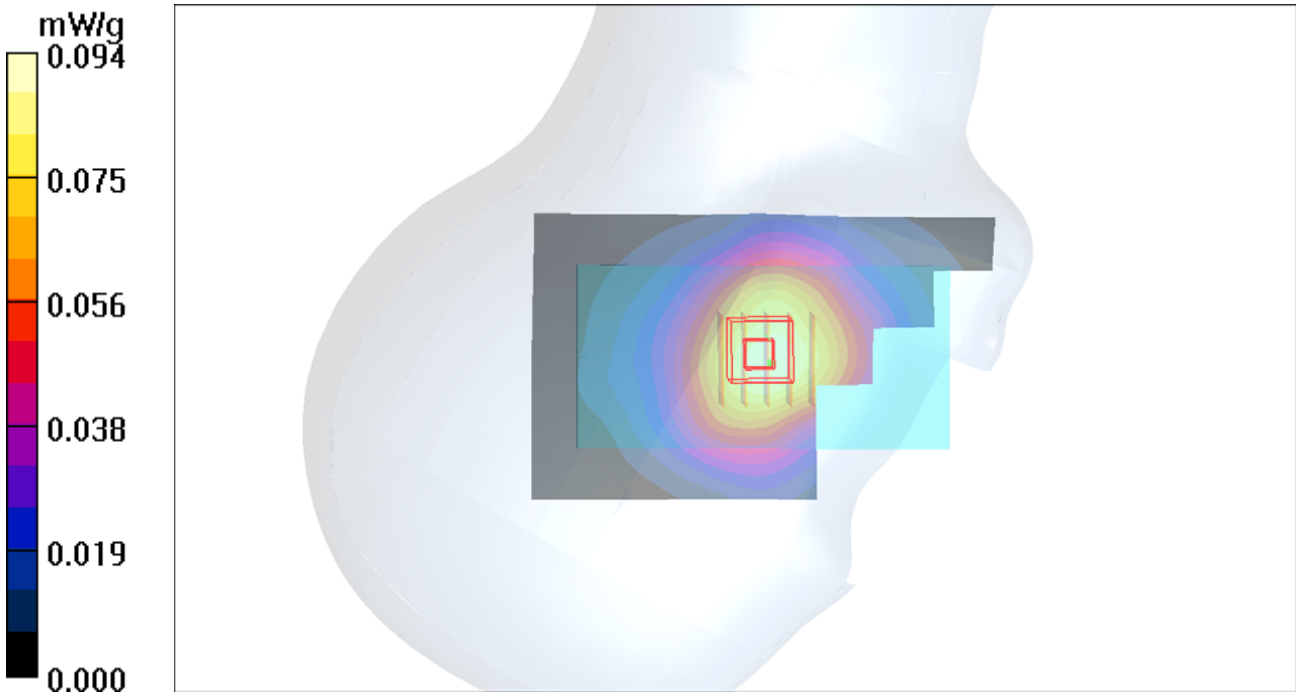
DUT: 120409C36

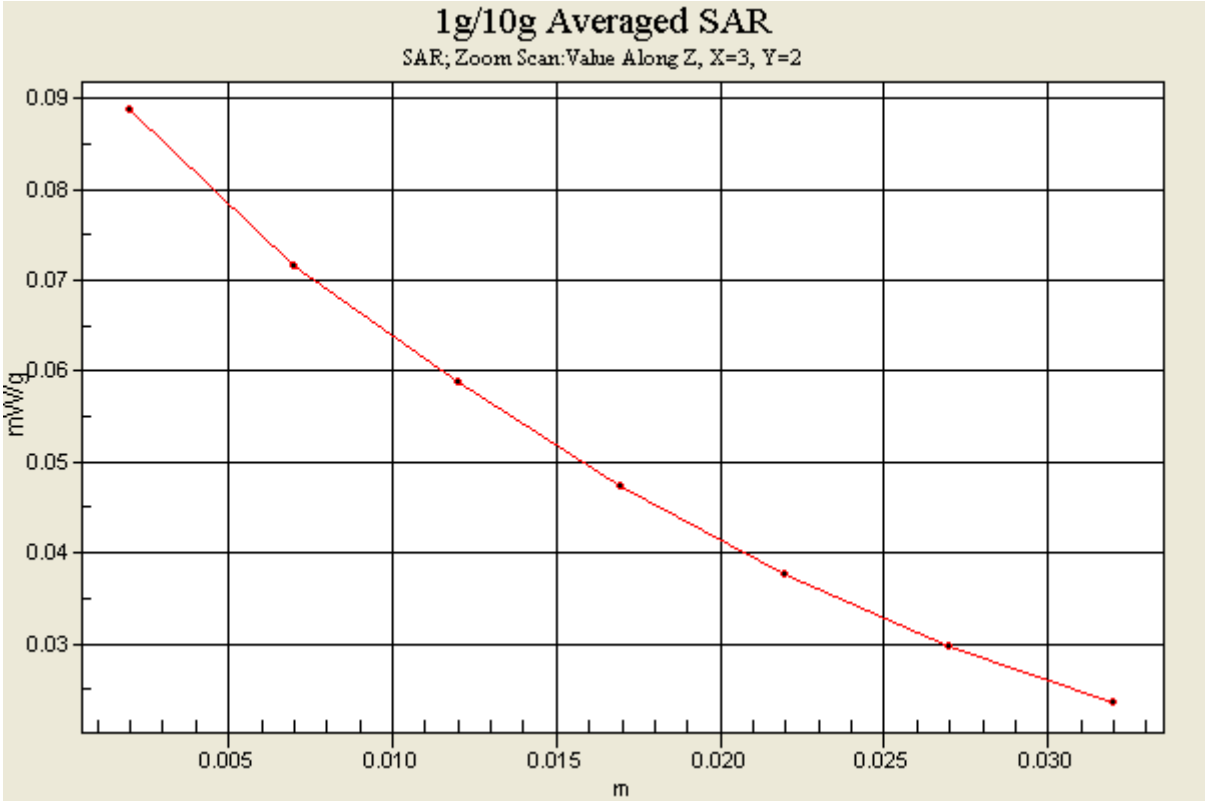
Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H850_0416 Medium parameters used : f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.094 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.33 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.097 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.089 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
mW/g
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.005
0.010
0.015
0.020
0.025
0.030
m

P59 WCDMA V_RMC 12.2K_Right Tilted_Ch4182_Sample1

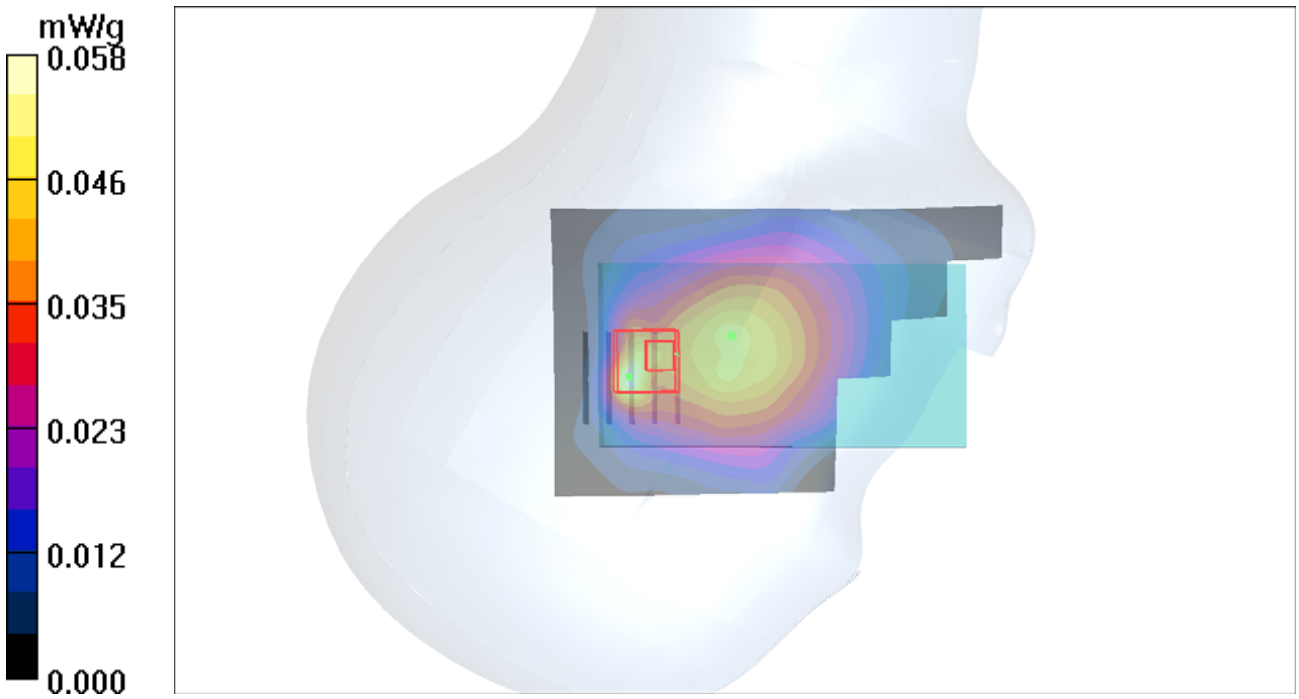
DUT: 120409C36

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H850_0416 Medium parameters used : f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.87 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.048 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.040 mW/g



P60 WCDMA V_RMC 12.2K_Left Cheek_Ch4182_Sample1

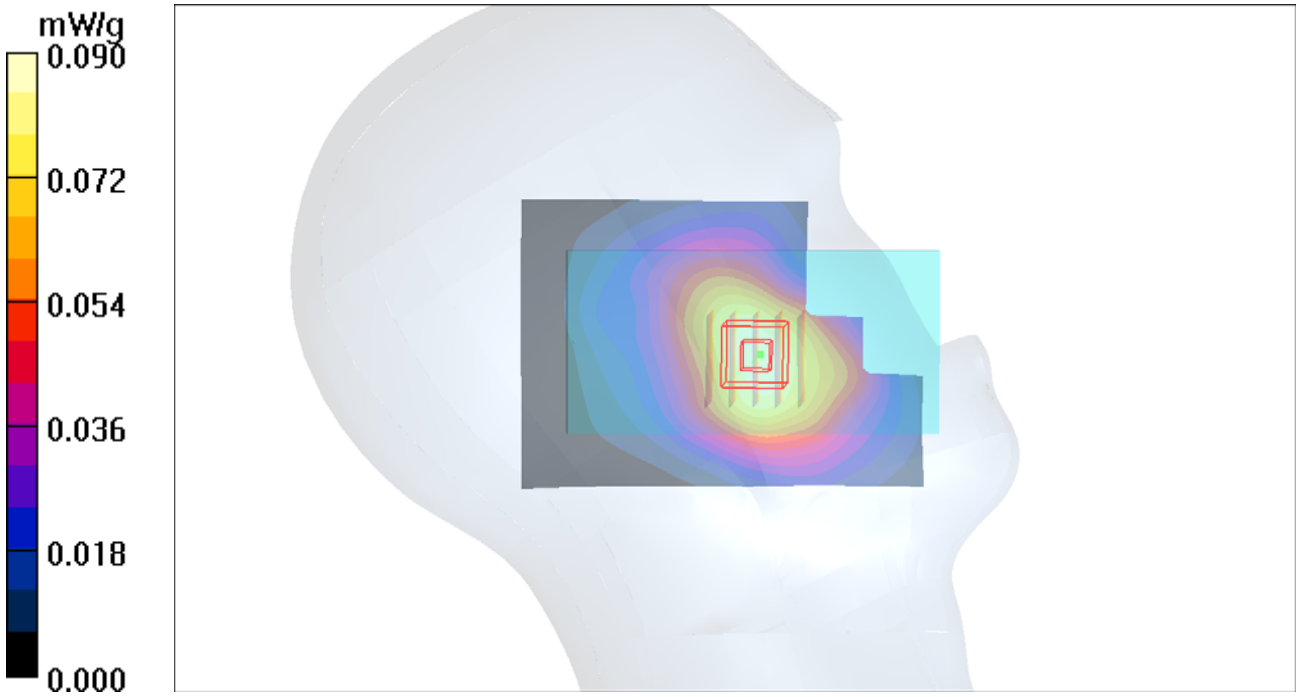
DUT: 120409C36

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H850_0416 Medium parameters used : f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.090 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.42 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.099 W/kg
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.091 mW/g



P61 WCDMA V_RMC 12.2K_Left Tilted_Ch4182_Sample1

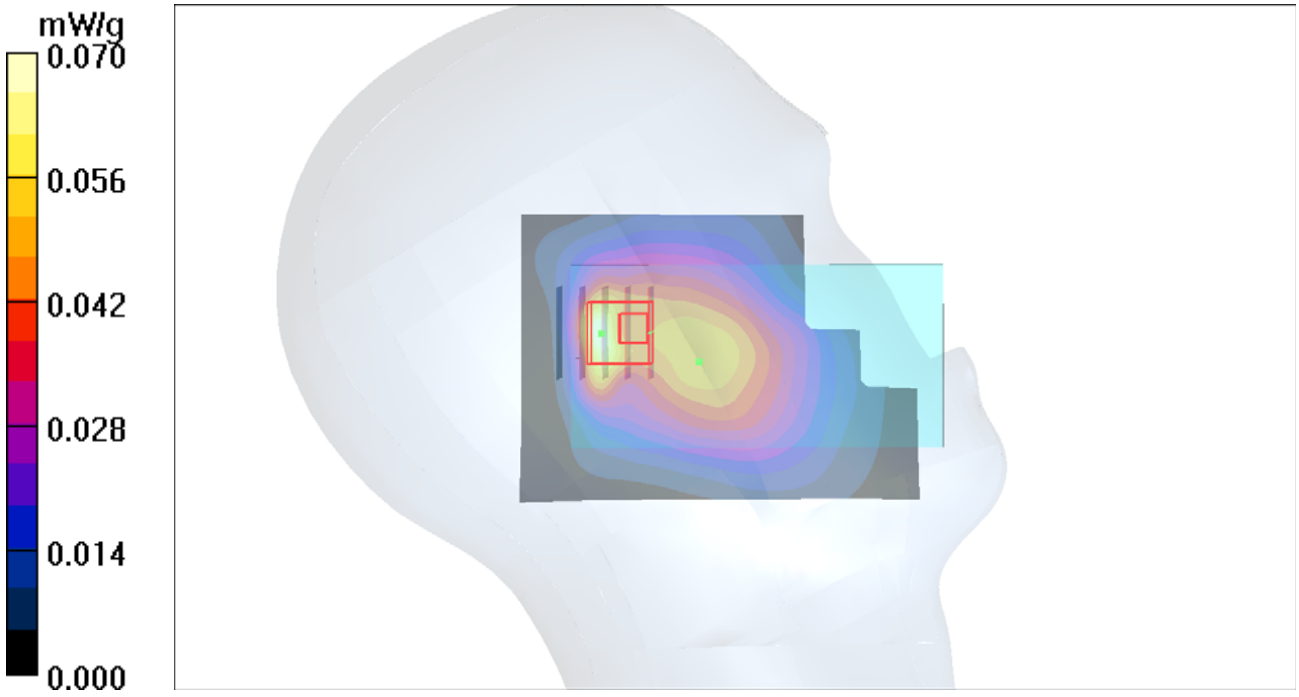
DUT: 120409C36

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H850_0416 Medium parameters used : f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.070 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.38 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.052 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.048 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/26

P62 WCDMA V_RMC12.2k_Right Cheek_Ch4182_Sample2

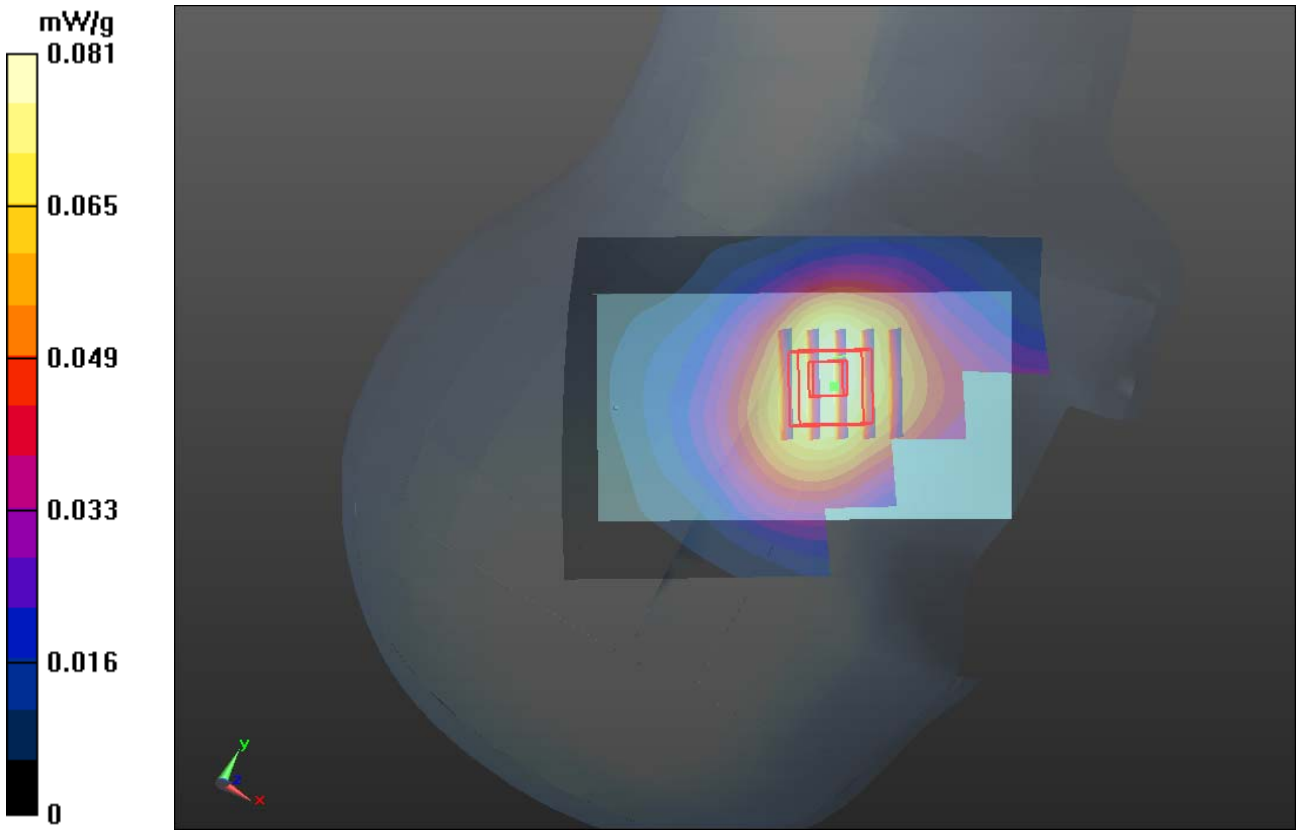
DUT: 120423C15

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835_0426 Medium parameters used: f = 836.4 MHz; σ = 0.897 mho/m; ε_r = 41.836; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0813 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.735 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.093 mW/g
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.0832 mW/g



P112 802.11b_Right Cheek_Ch11_Sample1

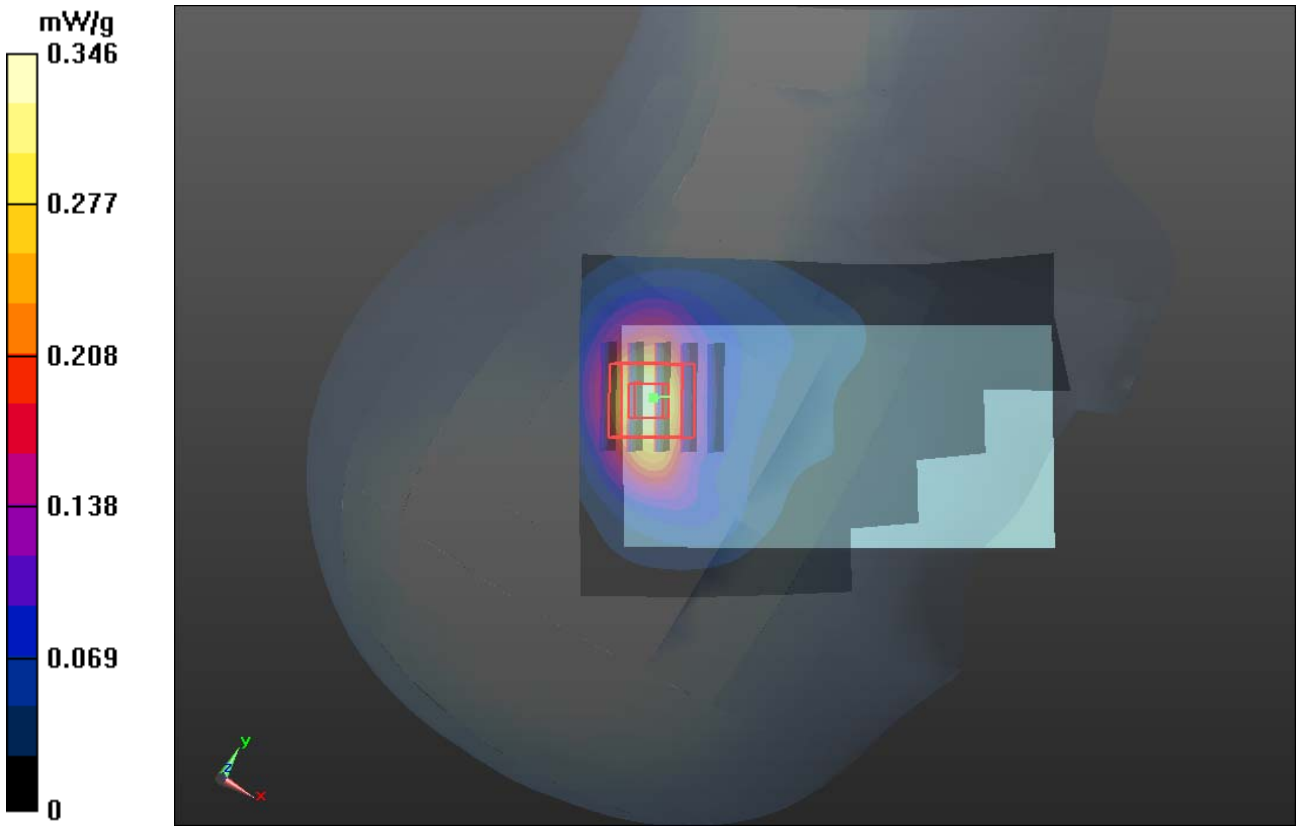
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.858 mho/m; ε_r = 38; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.346 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.156 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.461 mW/g
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.327 mW/g



P113 802.11b_Right Tilted_Ch11_Sample1

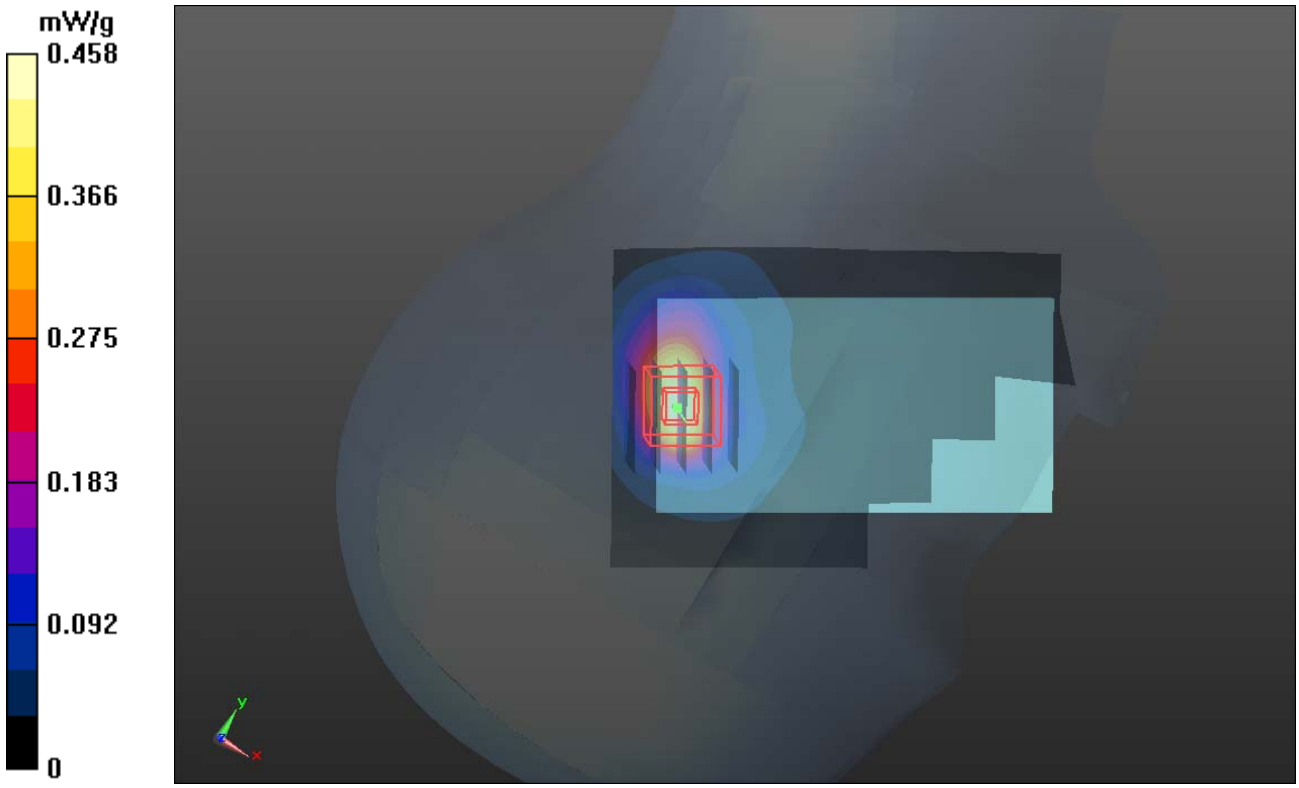
DUT: 120423C15

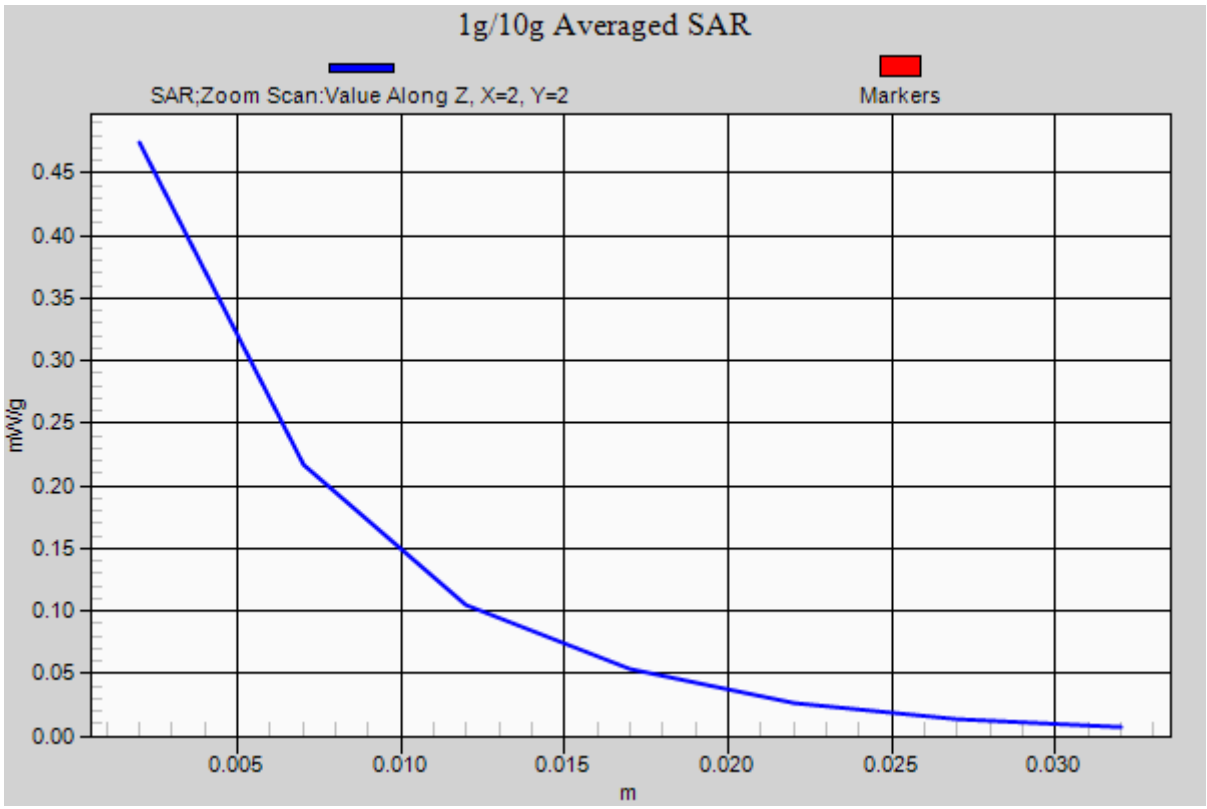
Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.858 mho/m; ε_r = 38; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.458 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.073 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.649 mW/g
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.149 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
mW/g
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
m

P114 802.11b_Left Cheek_Ch11_Sample1

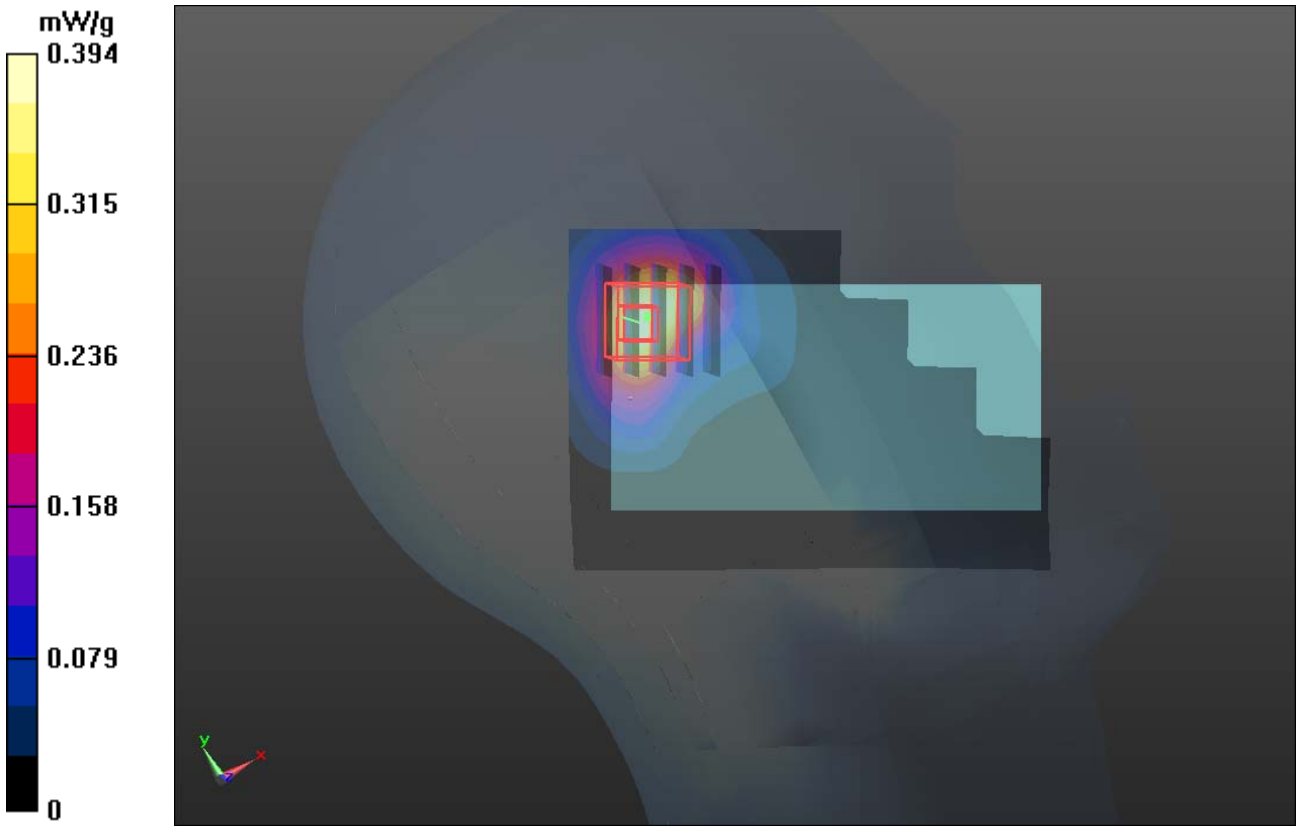
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.858 mho/m; ε_r = 38; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.394 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.470 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.486 mW/g
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/26

P115 802.11b_Left Tilted_Ch11_Sample1

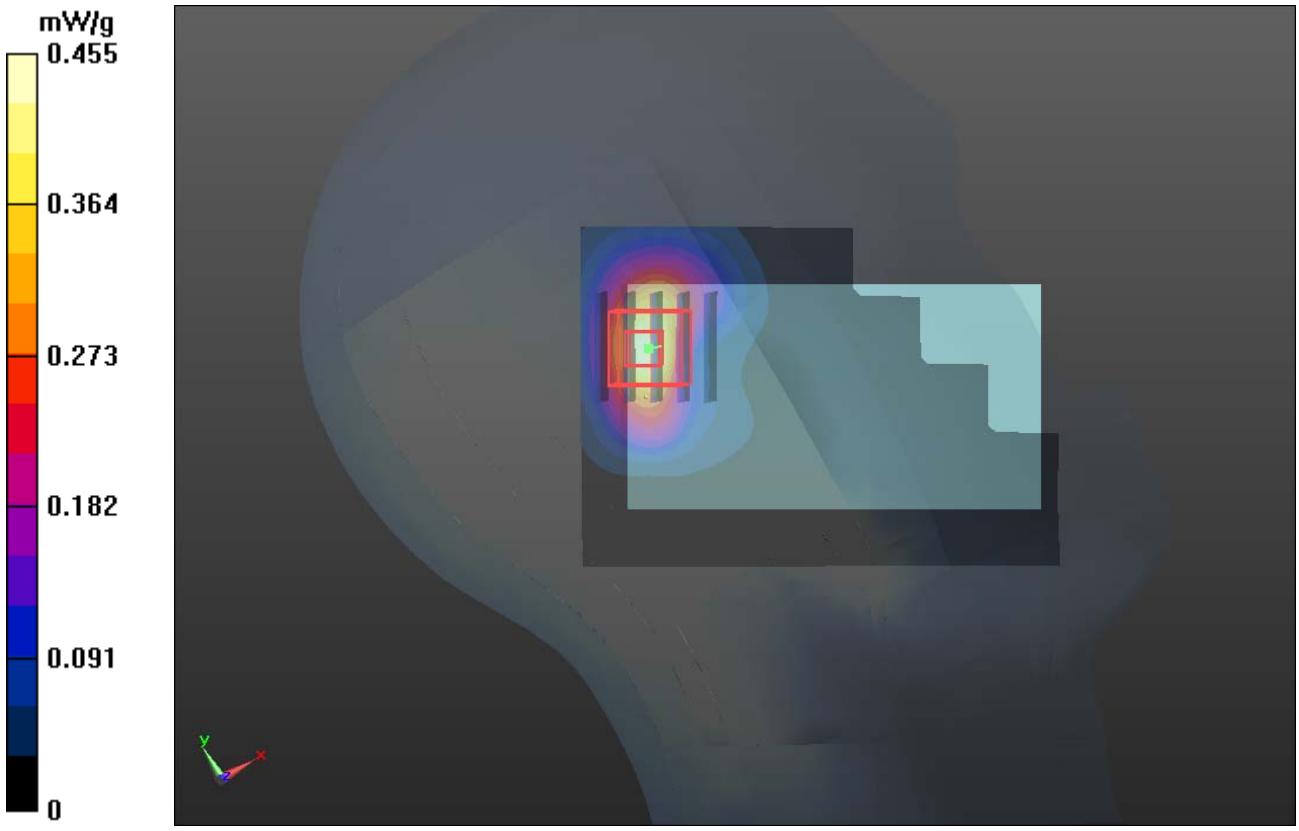
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.858 mho/m; ε_r = 38; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.455 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.173 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.620 mW/g
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.444 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/26

P116 802.11b_Right Tilted_Ch11_Sample2

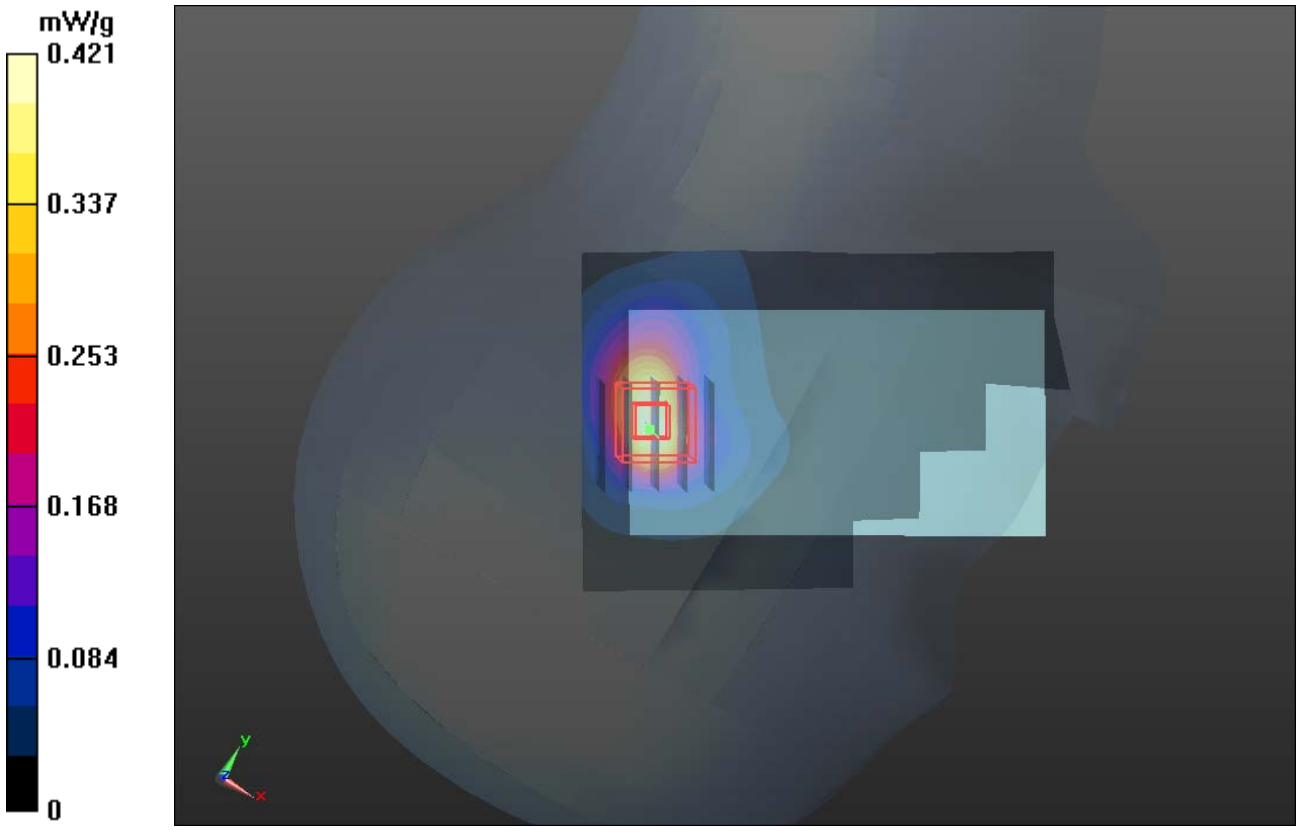
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.858 mho/m; ε_r = 38; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.421 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.687 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.600 mW/g
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.435 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P13 GSM850_GPRS12_Front Face_Ch128_Sample1

DUT: 120423C15

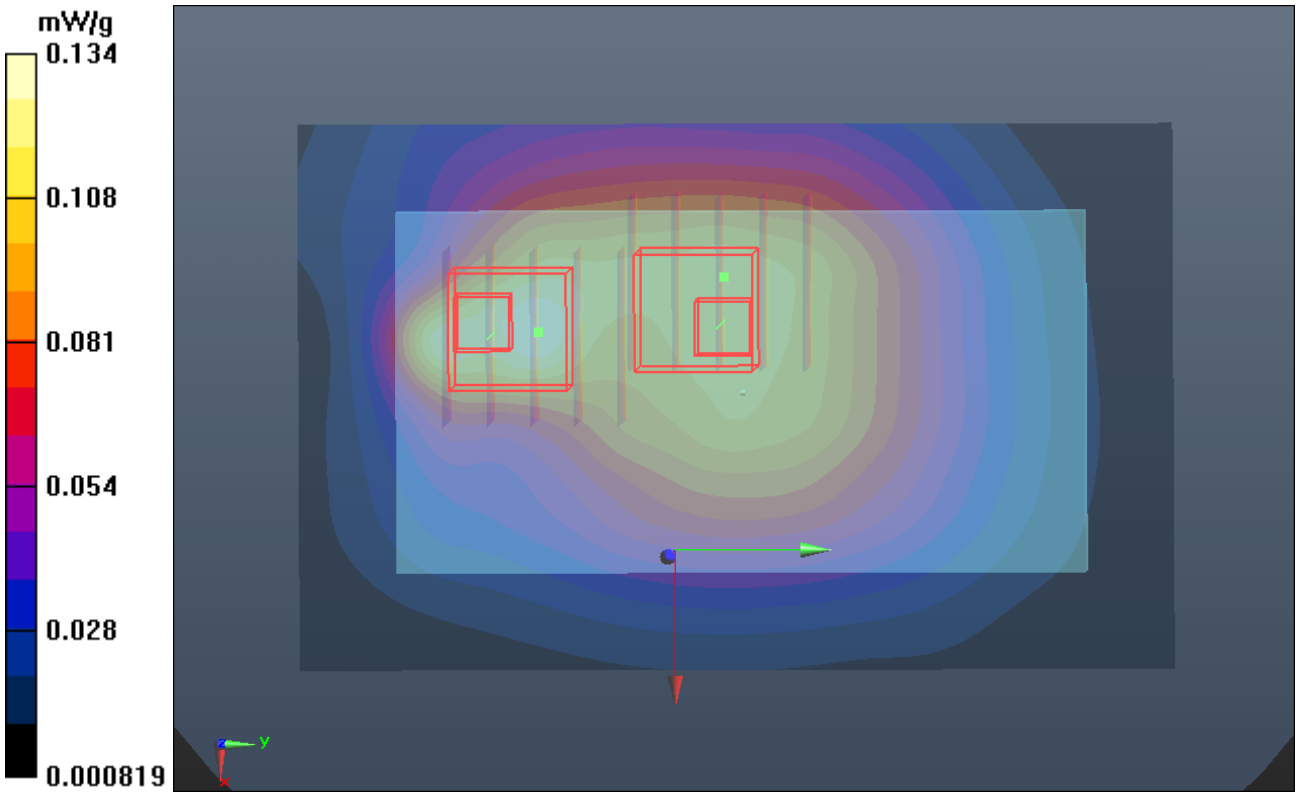
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.665 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.177 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.144 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.665 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.135 mW/g
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.121 mW/g



P14 GSM850_GPRS12_Rear Face_Ch128_Sample1

DUT: 120423C15

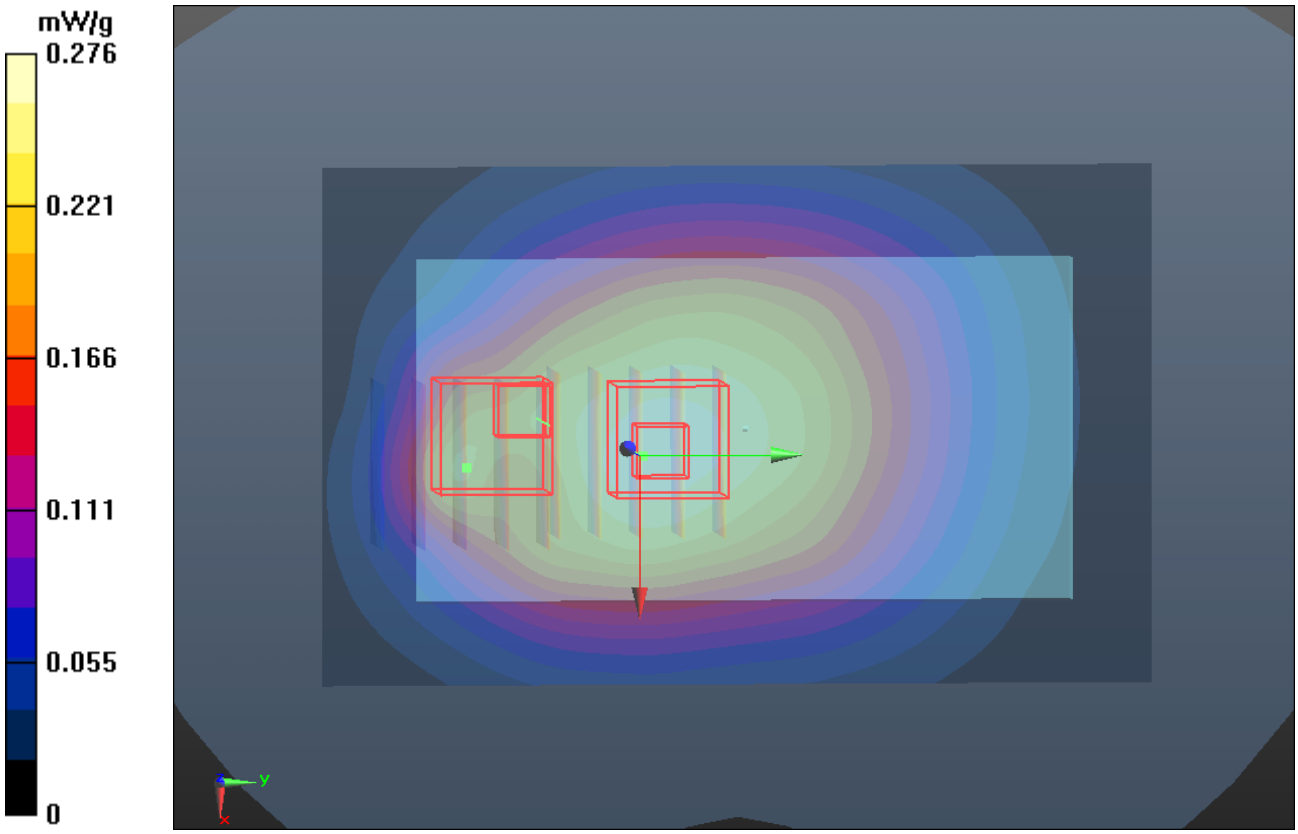
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

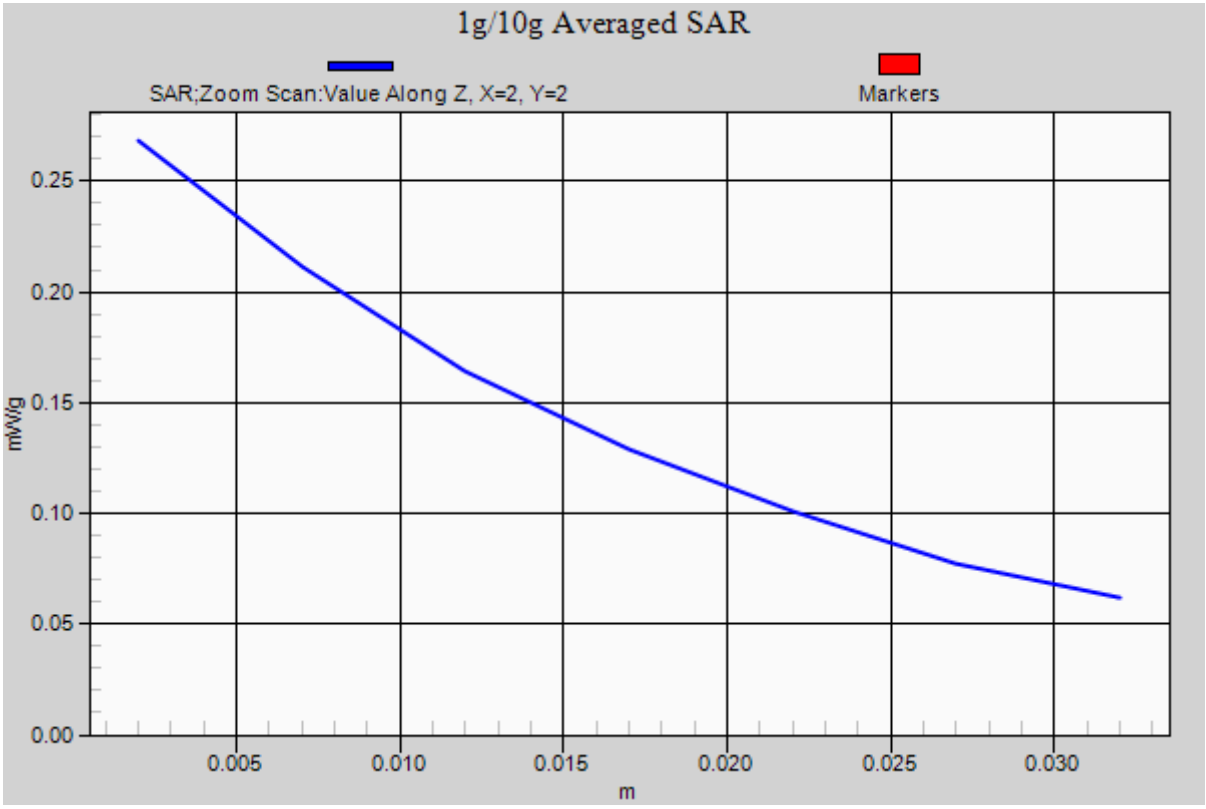
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.276 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.180 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.301 mW/g
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.268 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.180 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.254 mW/g
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.220 mW/g




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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P15 GSM850_GPRS12_Left Side_Ch128_Sample1

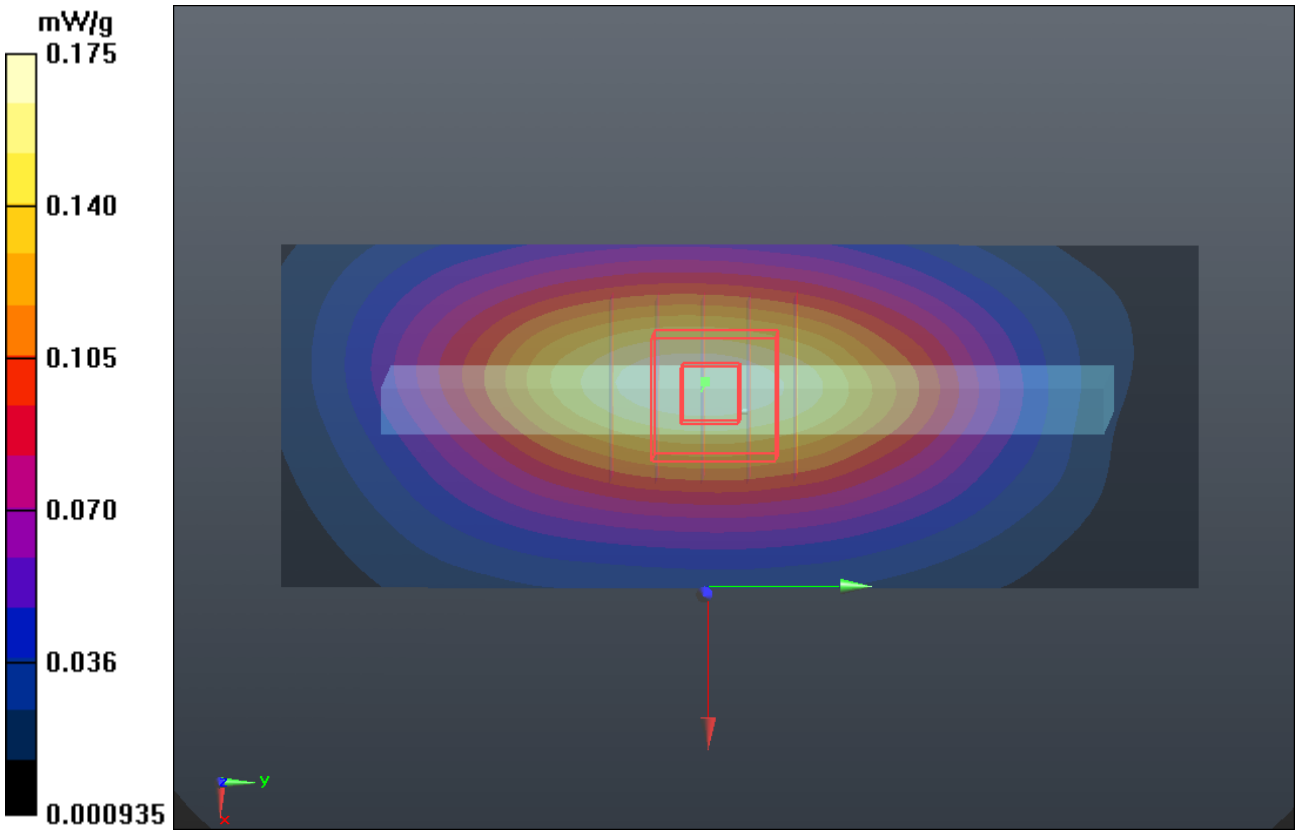
DUT: 120423C15

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.175 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.261 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.321 mW/g
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.176 mW/g



P16 GSM850_GPRS12_Right Side_Ch128_Sample1

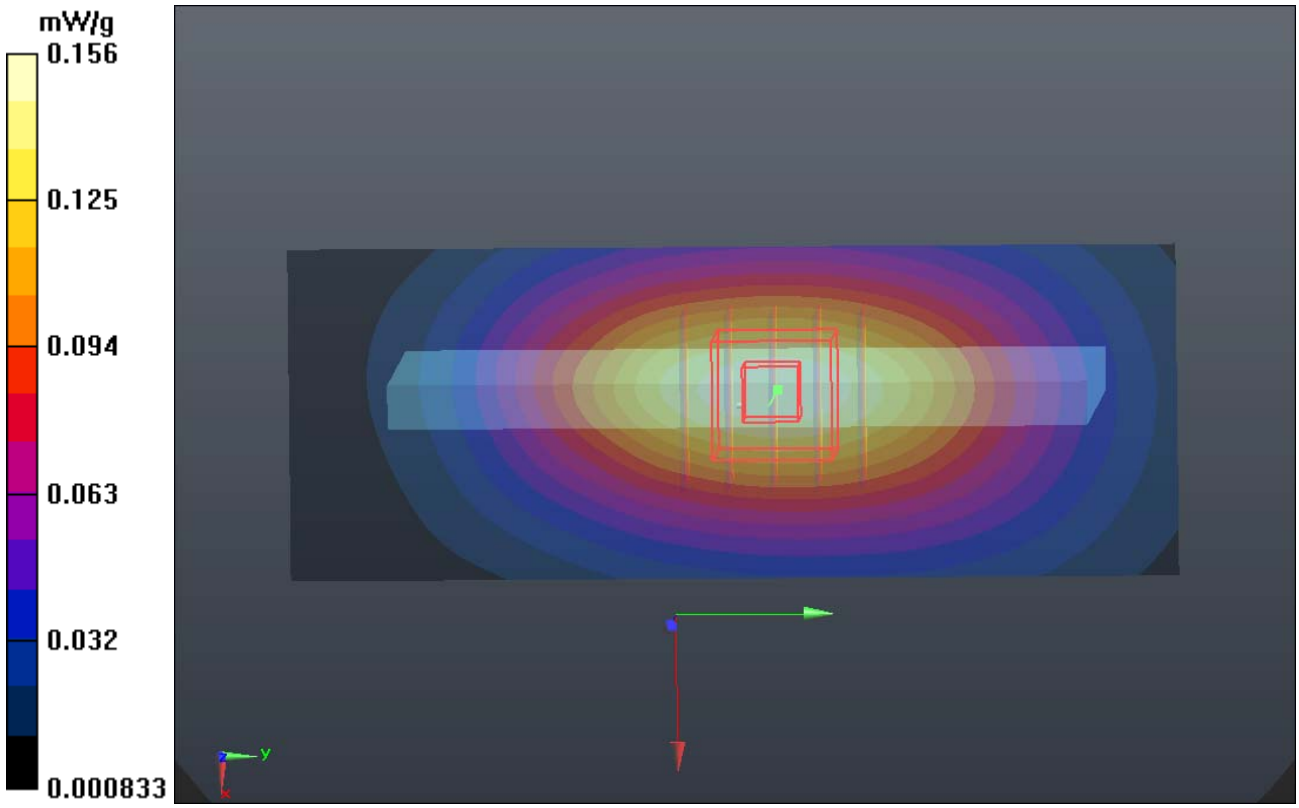
DUT: 120423C15

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.691 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.182 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P17 GSM850_GPRS12_Bottom Side_Ch128_Sample1

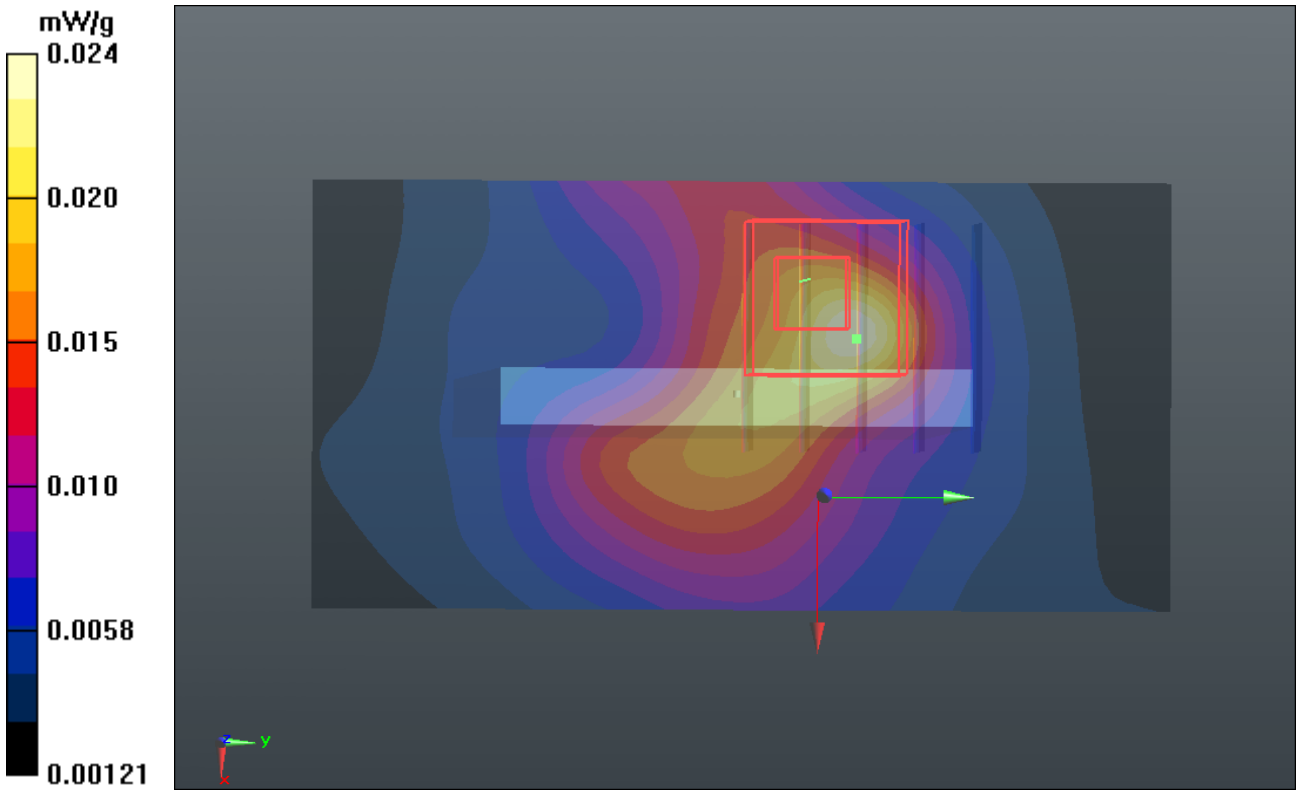
DUT: 120423C15

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0242 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.507 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.044 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.0271 mW/g



P18 GSM850_GPRS12_Rear Face_1cm_Ch128_Sample2

DUT: 120423C15

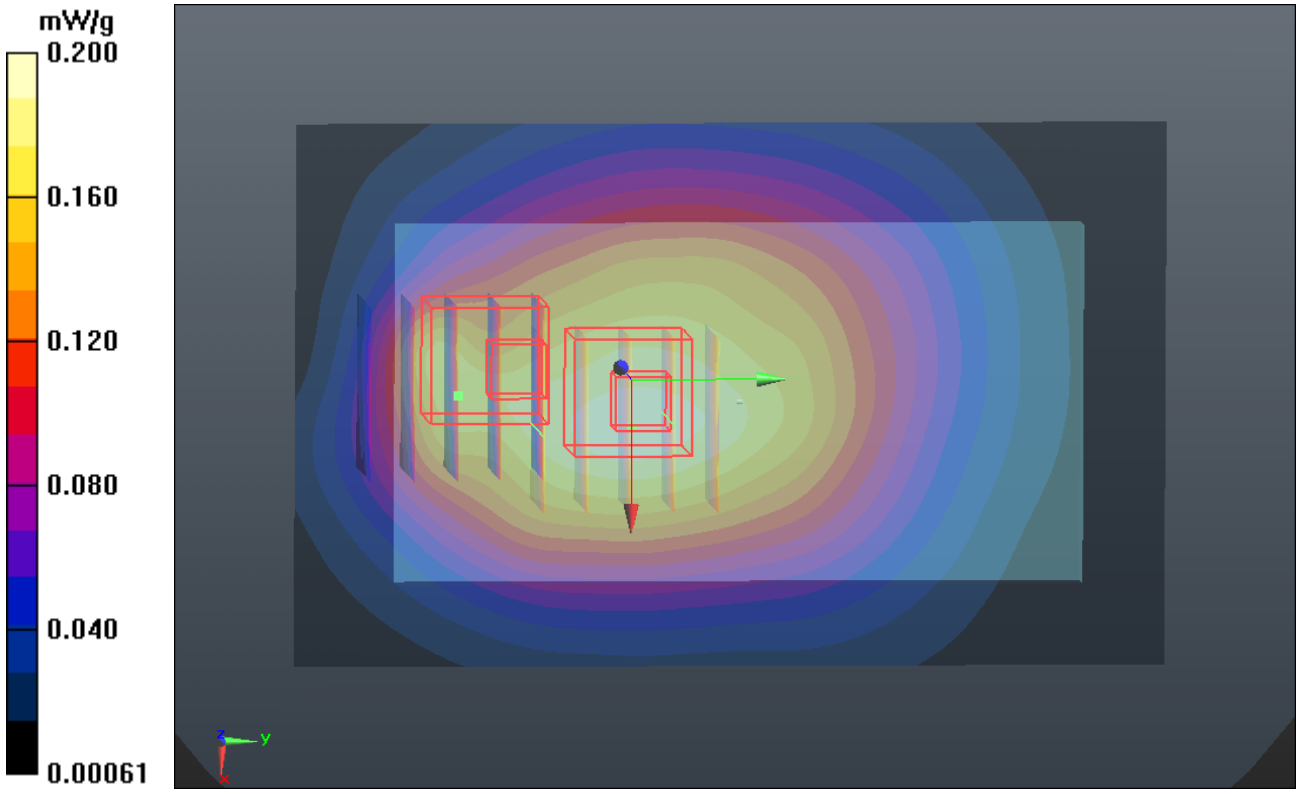
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0427 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.123; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.200 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.941 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.207 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.184 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.941 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.214 mW/g
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.101 mW/g



P19 GSM850_GPRS12_Front Face_Ch128_Sample1_Earphone1

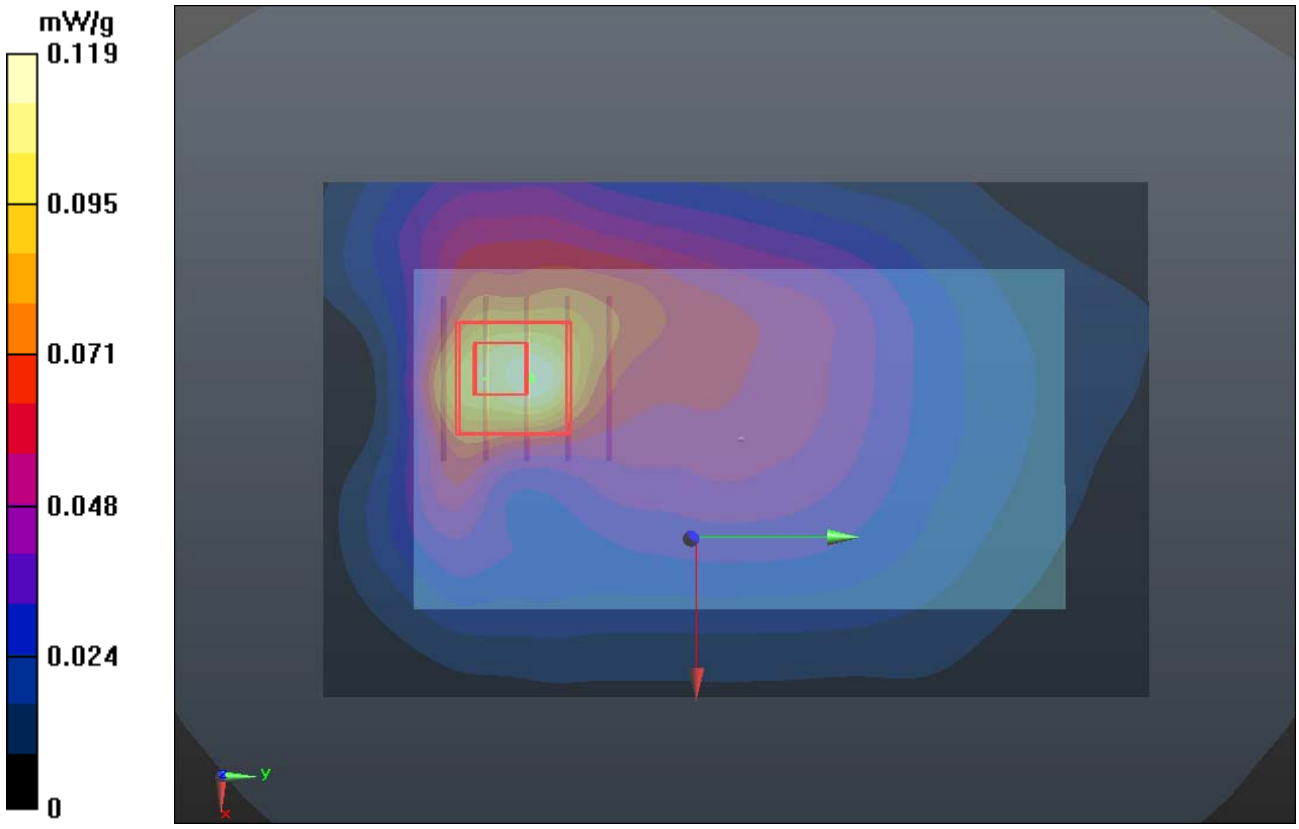
DUT: 120423C15

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.119 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.414 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.177 mW/g
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.142 mW/g



P20 GSM850_GPRS12_Rear Face_Ch128_Sample1_Earphone1

DUT: 120423C15

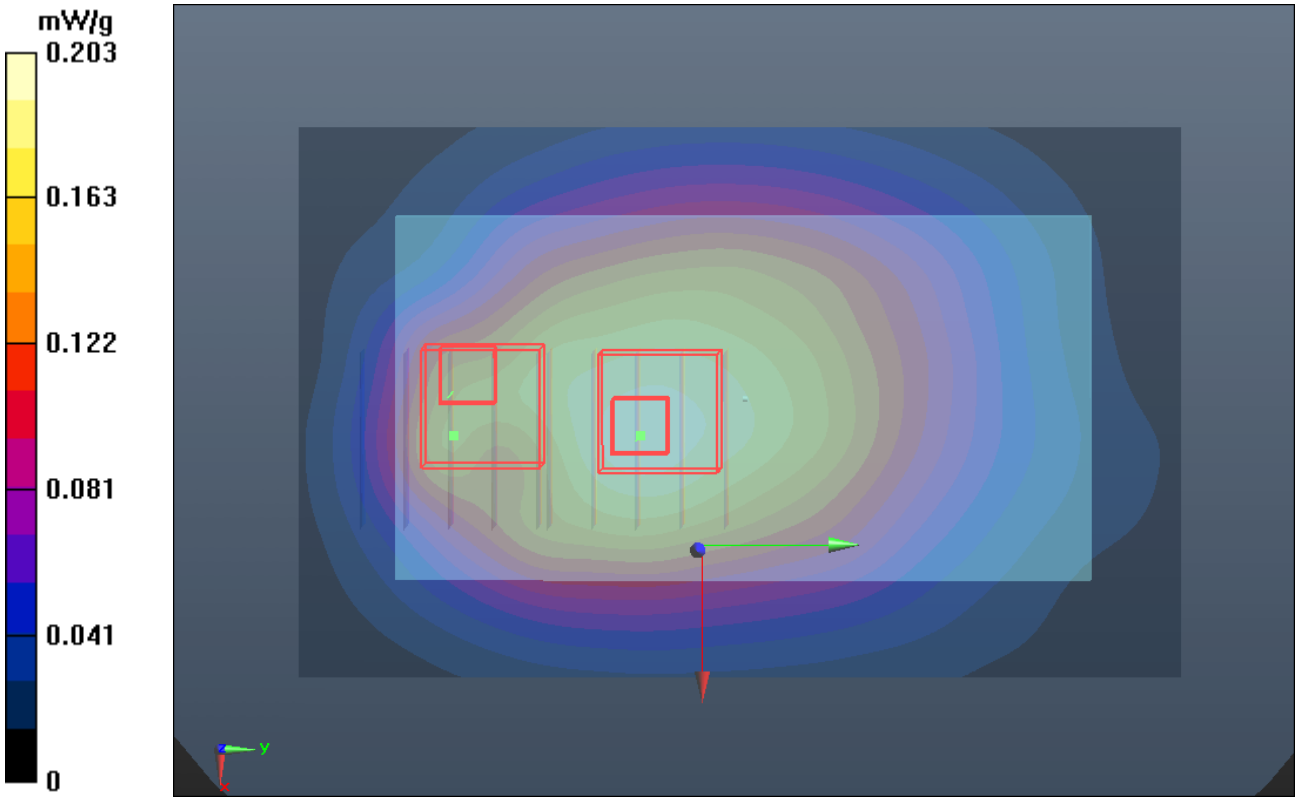
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0425 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.132; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.203 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.714 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.225 mW/g
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.196 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.714 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.192 mW/g
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



P21 GSM850_GPRS12_Rear Face_Ch128_1cm_Sample2_Earphone2

DUT: 120423C15

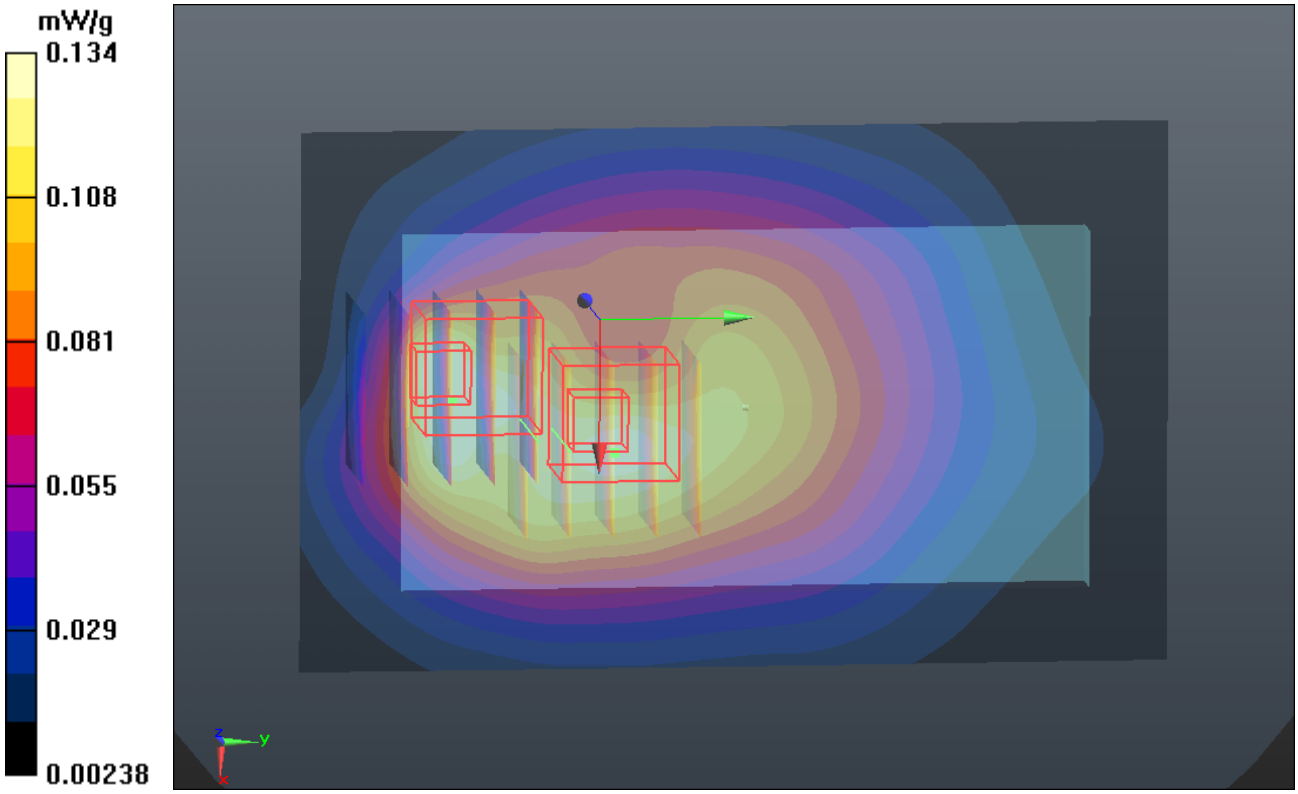
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0427 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 56.123; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.624 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.154 mW/g
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.134 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.624 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.150 mW/g
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



P63 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1

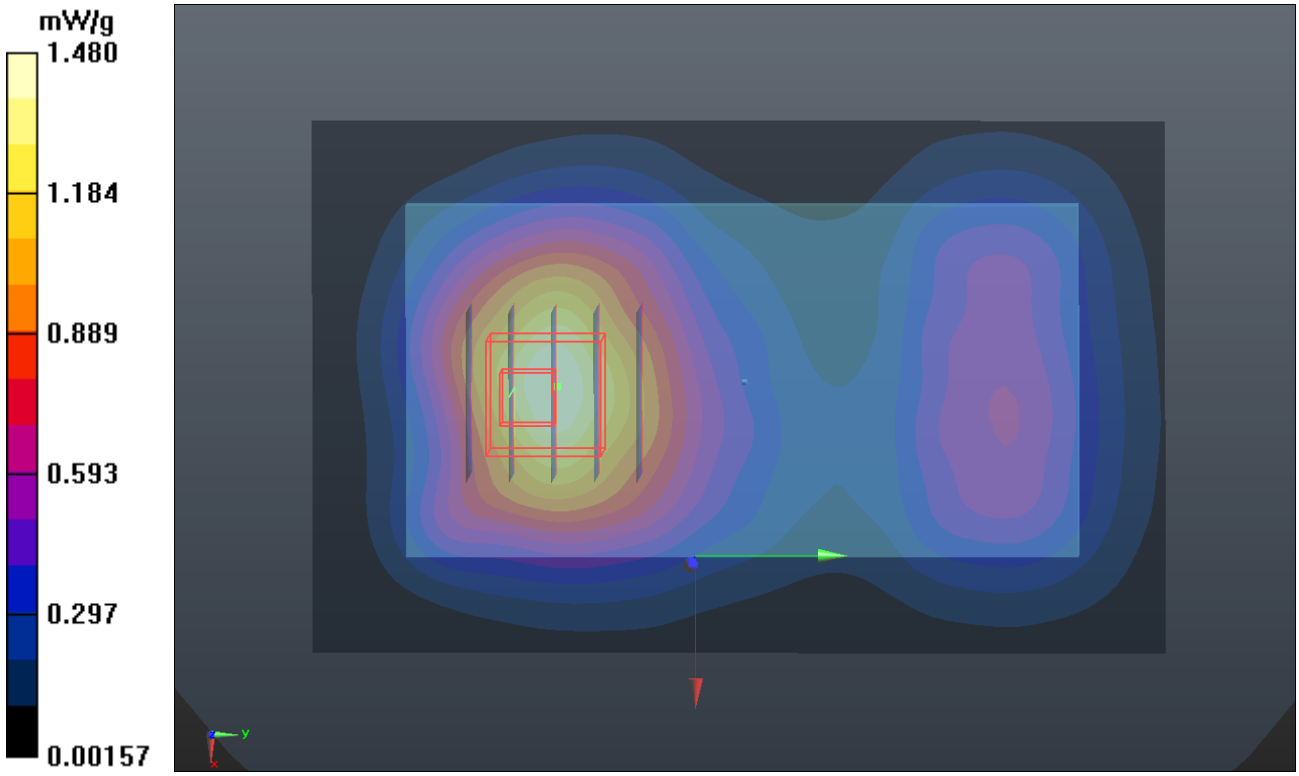
DUT: 120423C15

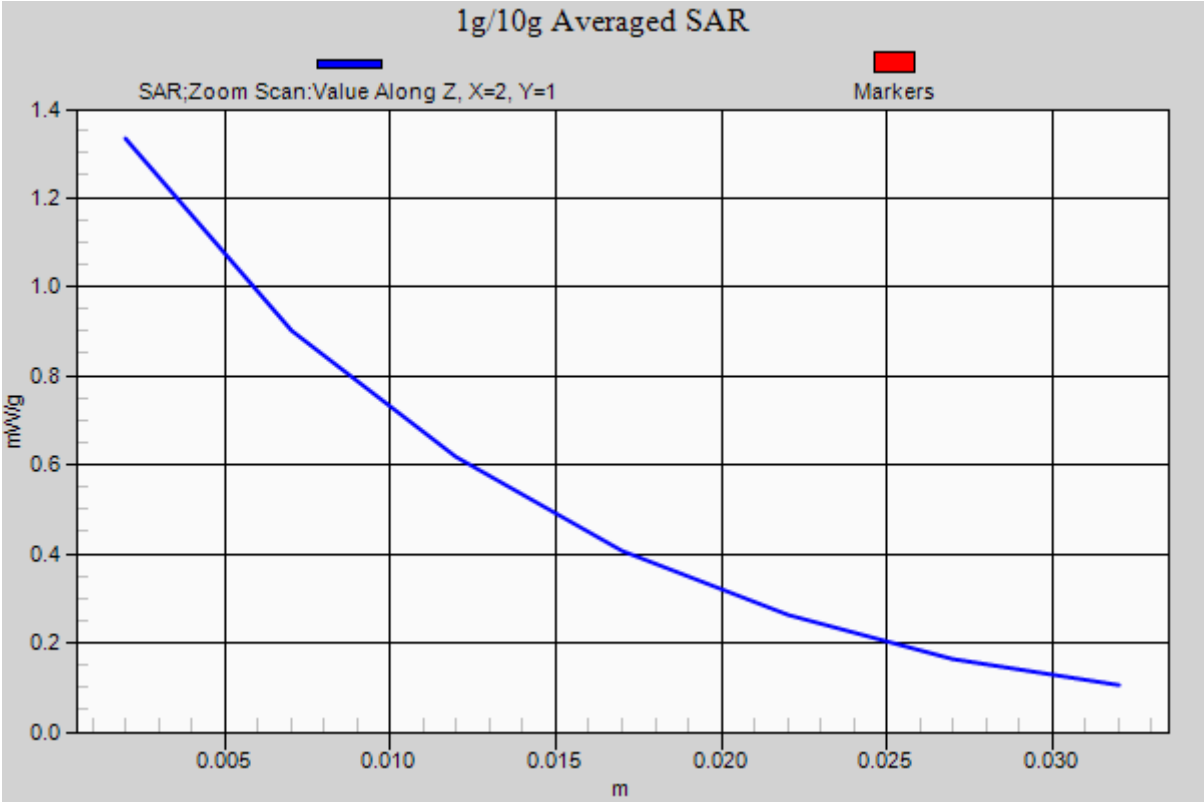
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.48 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.036 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 1.597 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.671 mW/g
Maximum value of SAR (measured) = 1.33 mW/g




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

P64 GSM1900_GPRS10_Rear Face_1cm _Ch810_Sample1

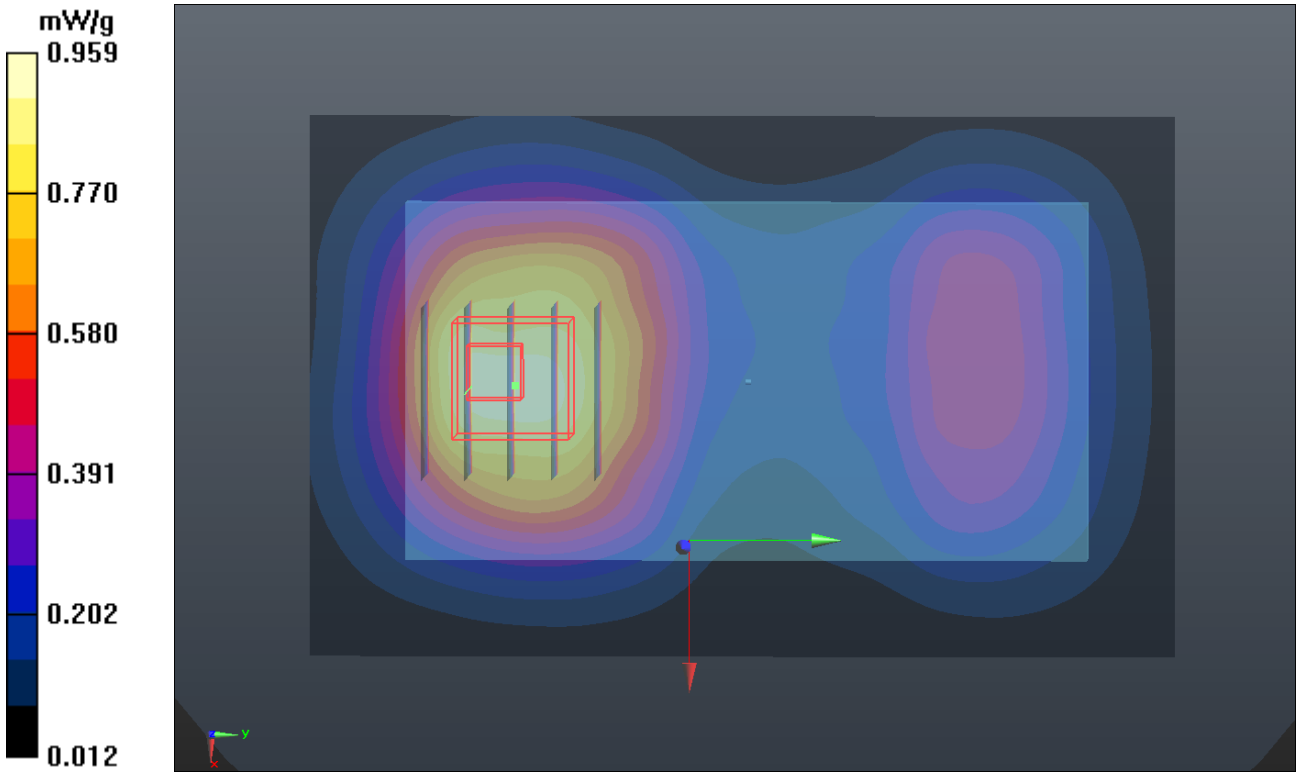
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.959 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.478 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.185 mW/g
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.964 mW/g



P65 GSM1900_GPRS10_Left Side_1cm_Ch810_Sample1

DUT: 120423C15

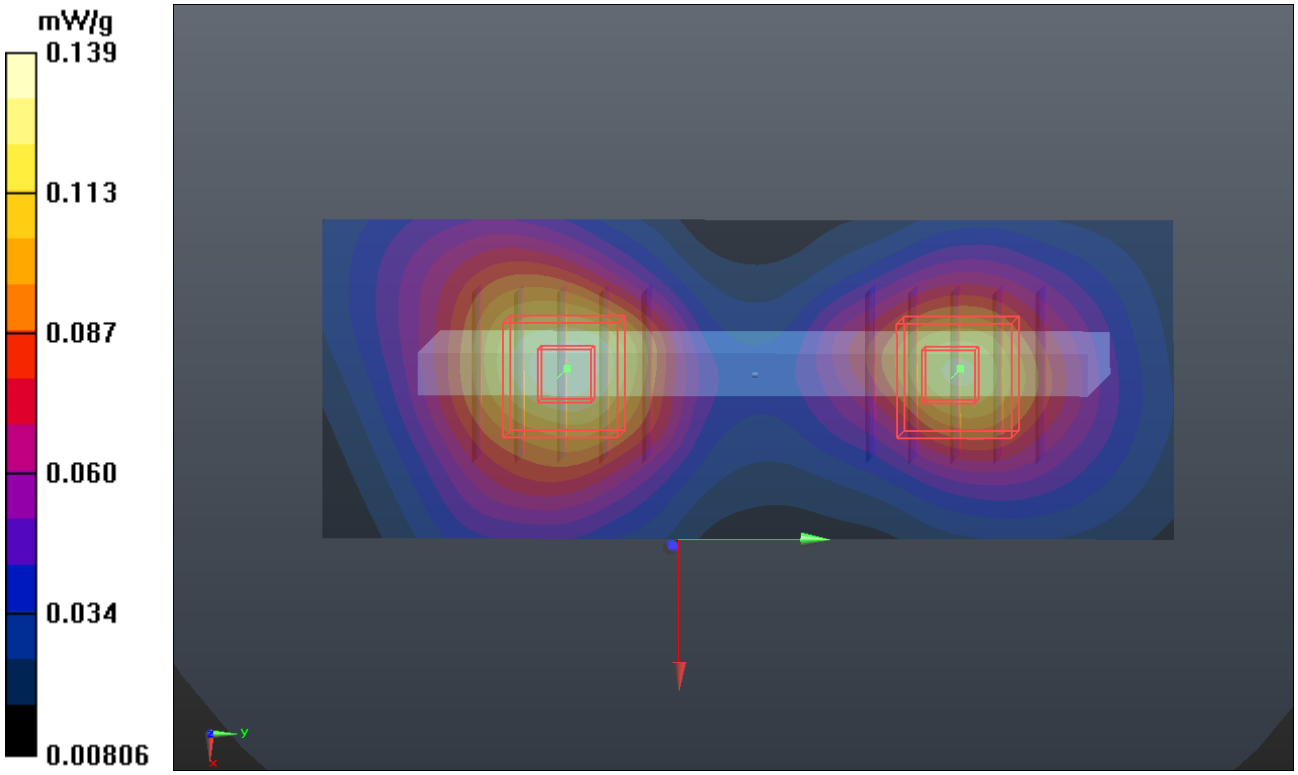
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.139 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.210 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.201 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.157 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.210 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.168 mW/g
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.138 mW/g



P66 GSM1900_GPRS10_Right Side_1cm_Ch810_Sample1

DUT: 120423C15

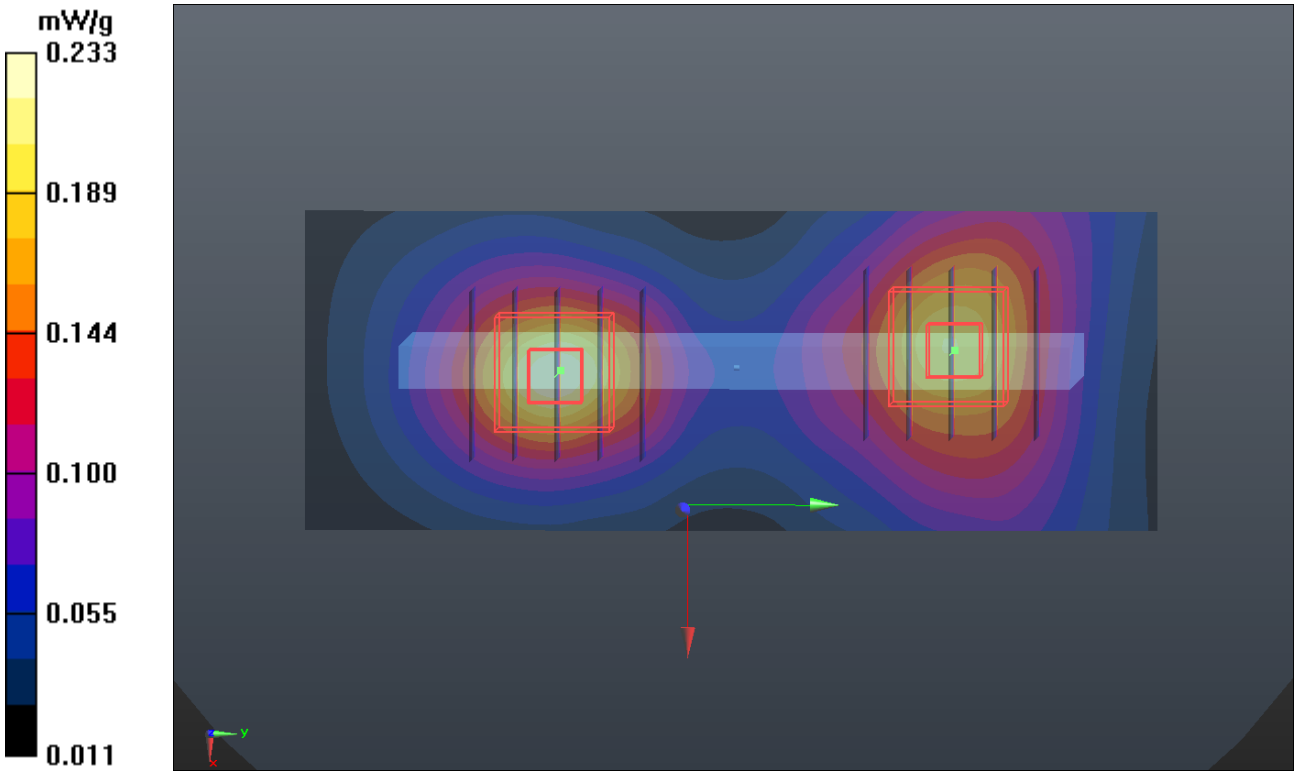
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.057 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.300 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.240 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.057 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.287 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



P67 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Sample1

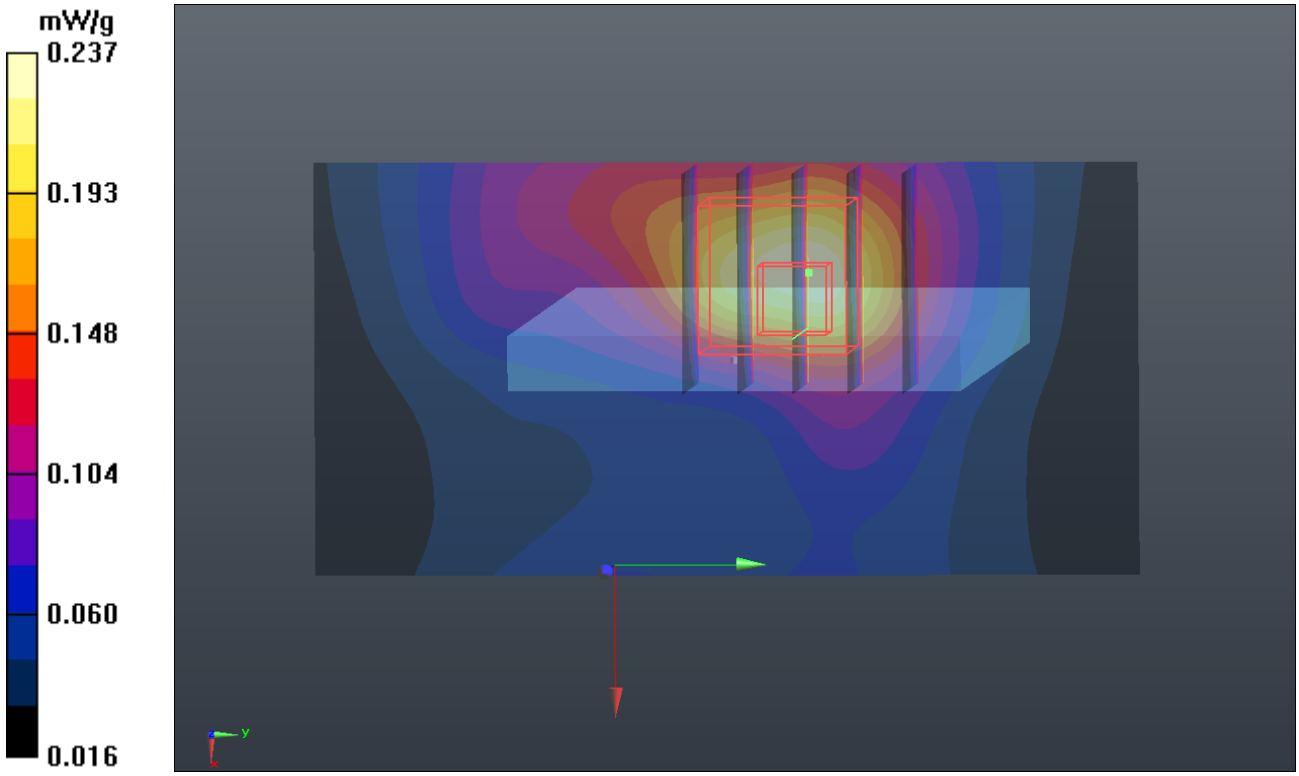
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.237 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.161 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.308 mW/g
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.233 mW/g



P127 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample1

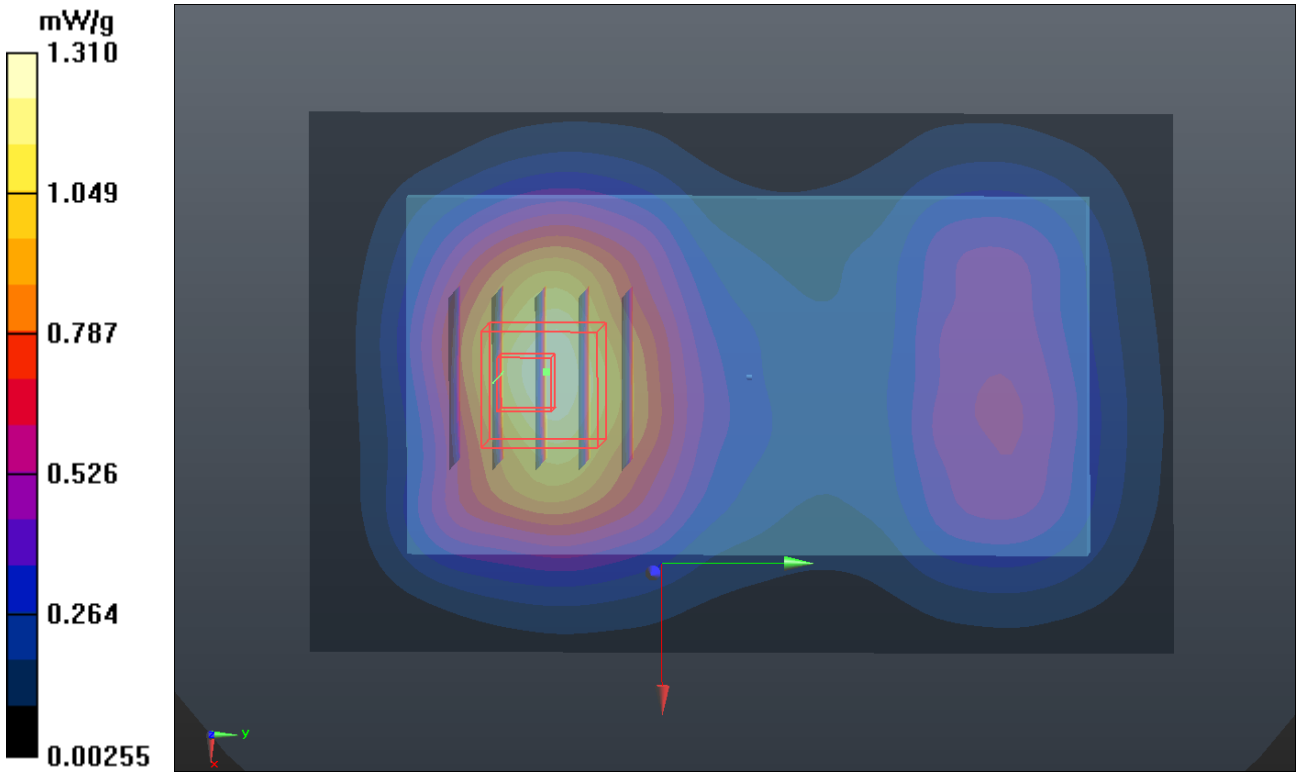
DUT: 120423C15

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used : f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 54.124; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.937 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.410 mW/g
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.619 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



P128 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1

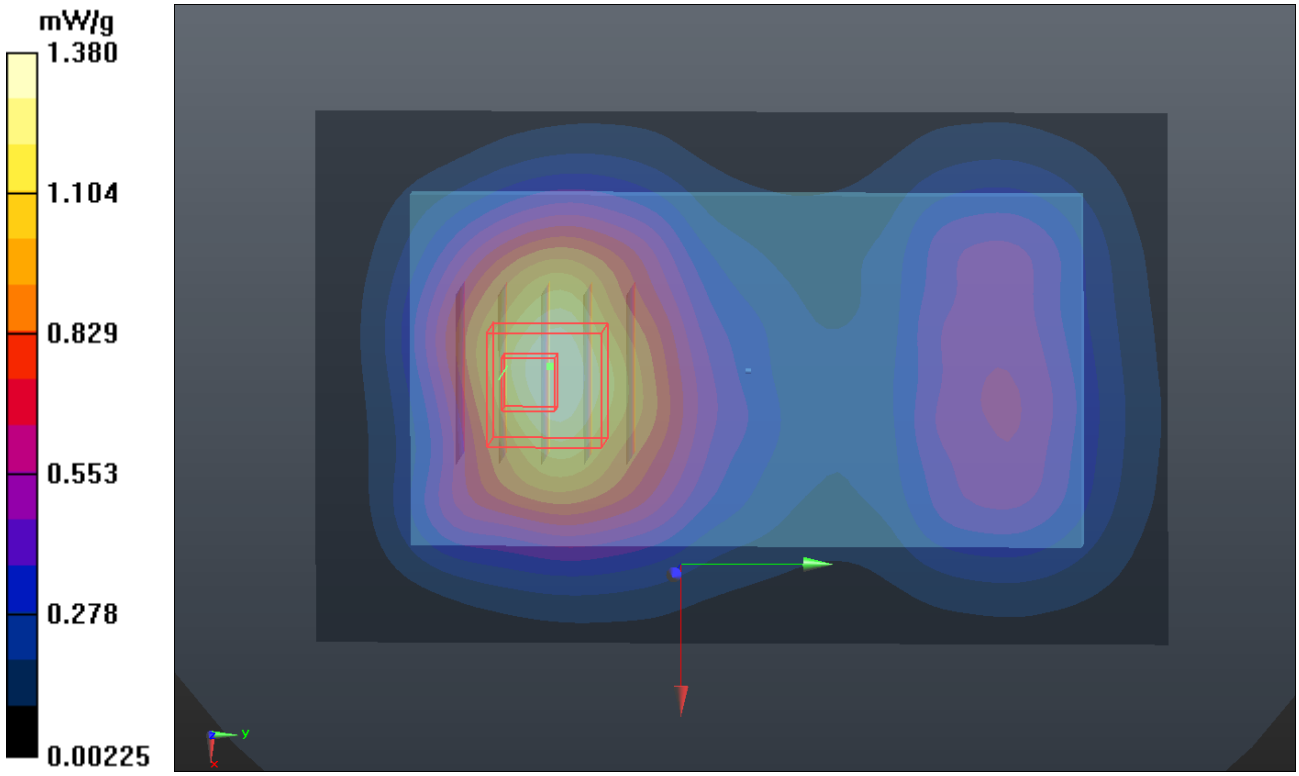
DUT: 120423C15

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.867 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.493 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.647 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



P129 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample2

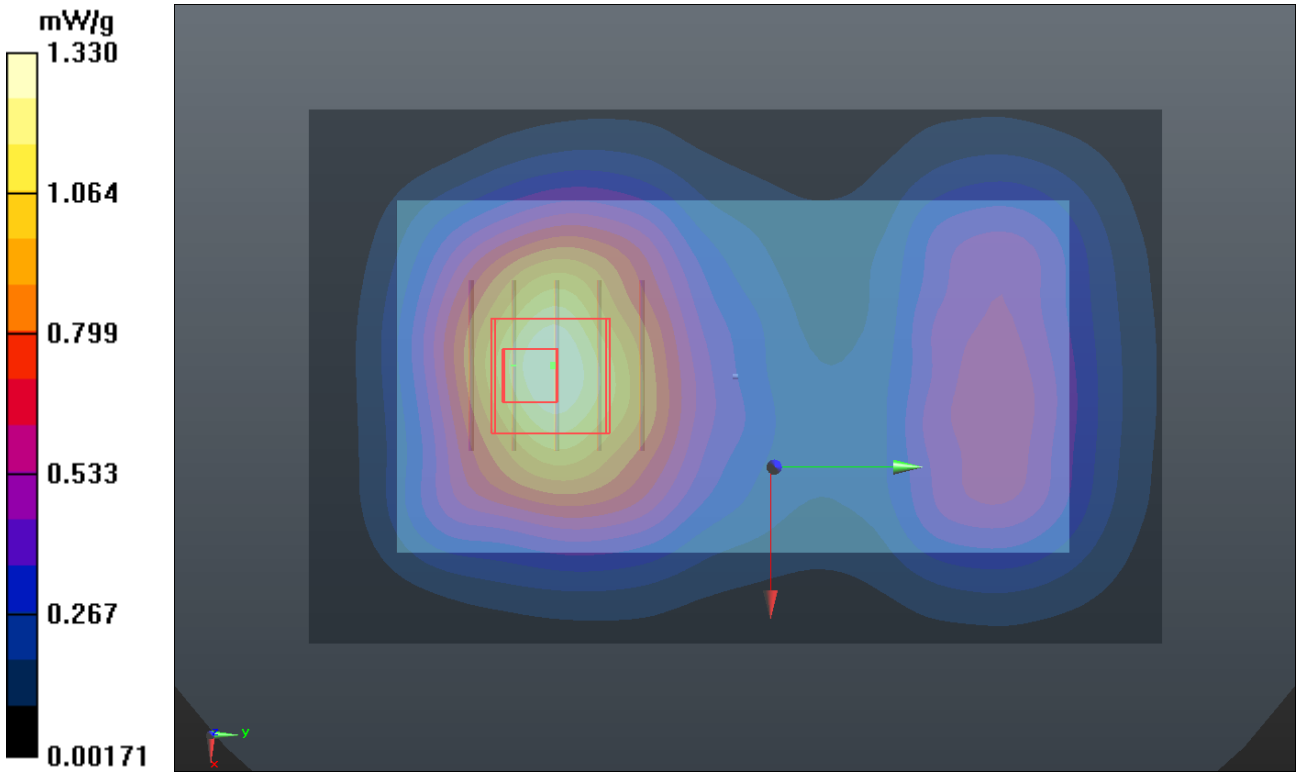
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.33 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.958 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.427 mW/g
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



P133 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample2

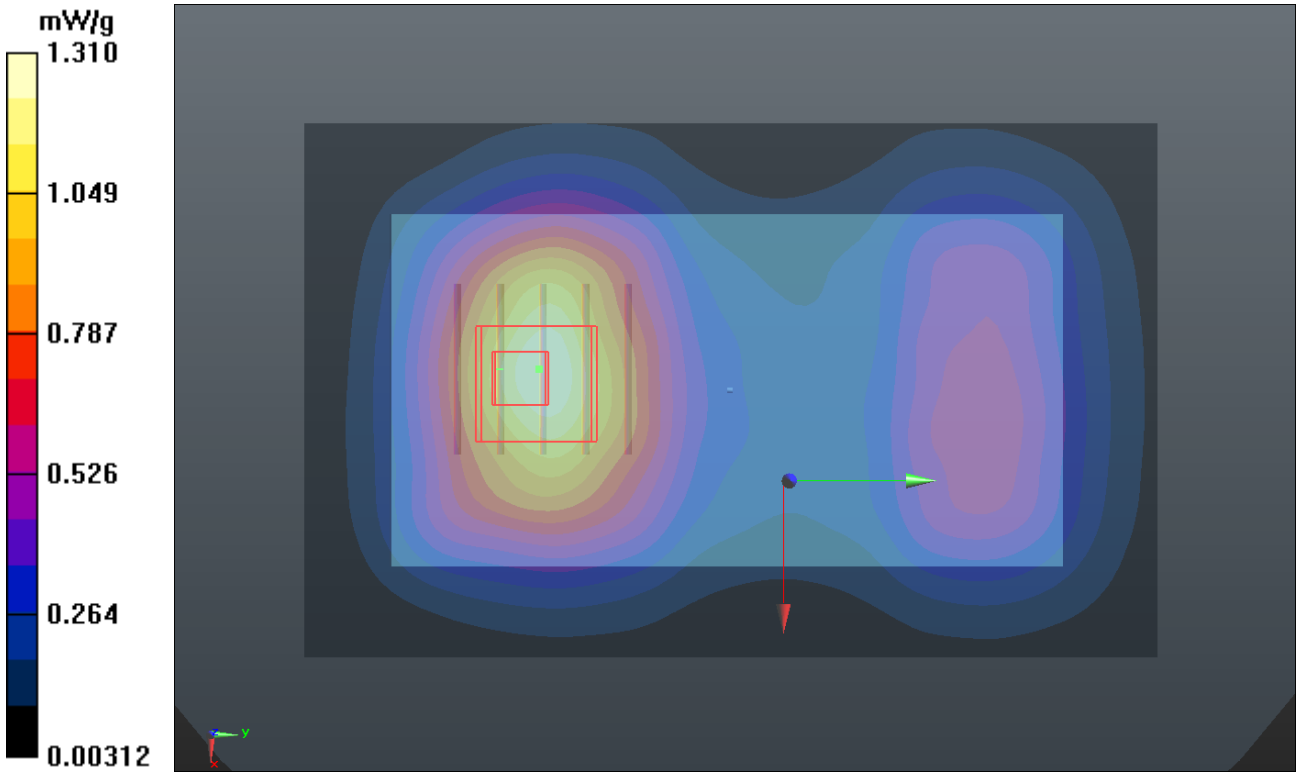
DUT: 120423C15

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used : f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 54.124; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.415 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.440 mW/g
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.624 mW/g
Maximum value of SAR (measured) = 1.19 mW/g



P134 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample2

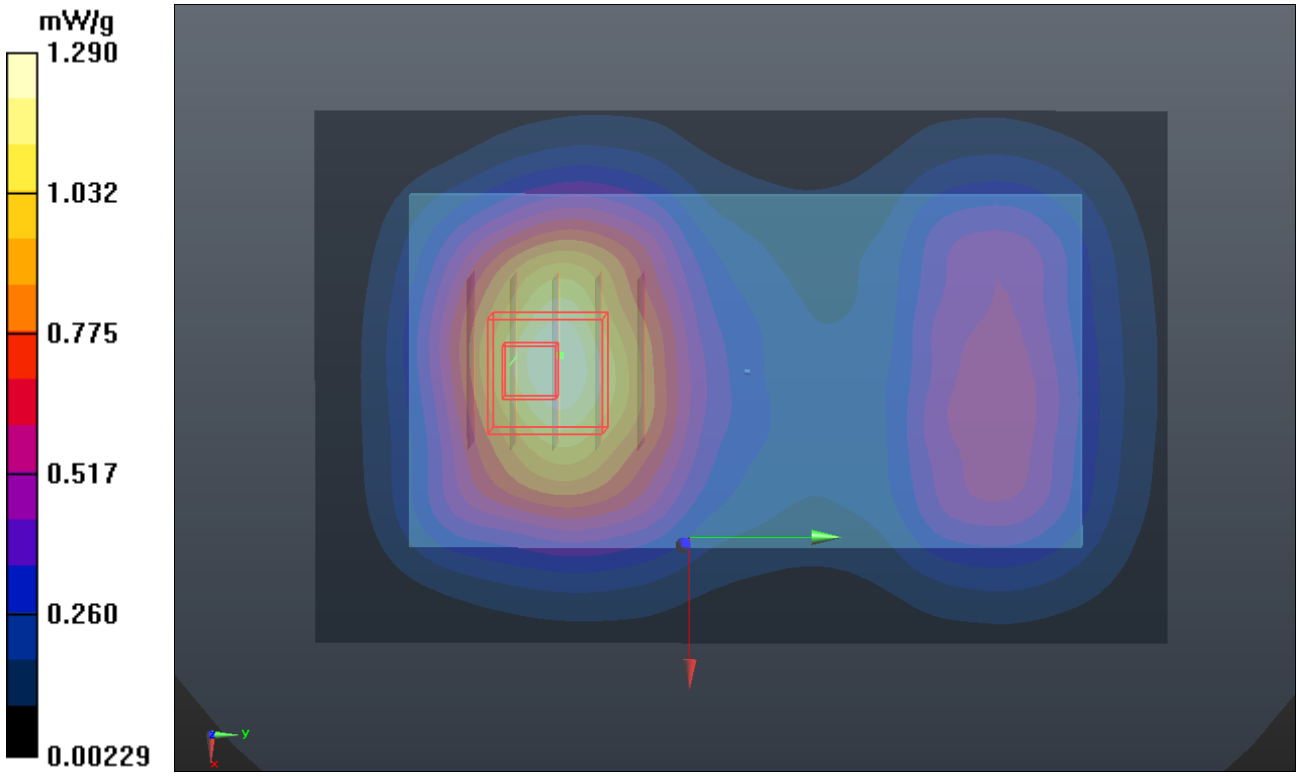
DUT: 120423C15

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.863 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.395 mW/g
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



P69 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1_Earphone1

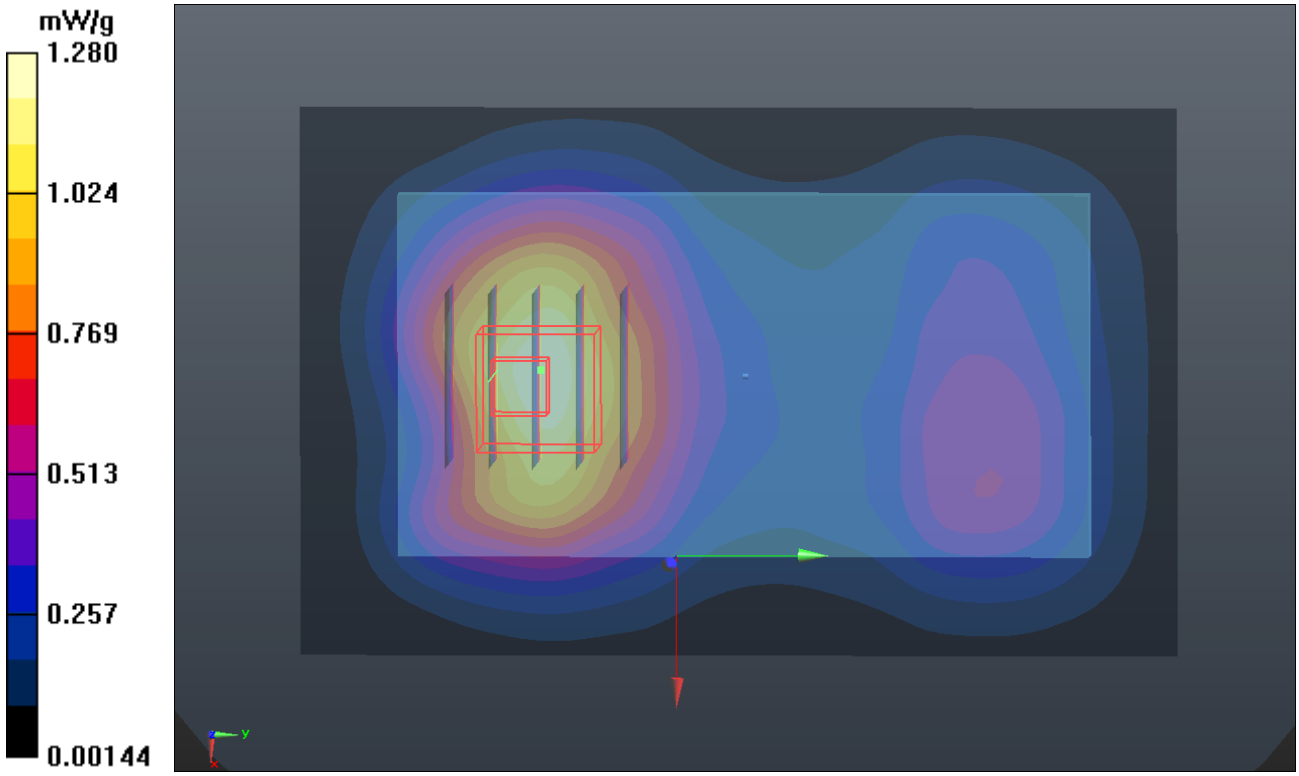
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.878 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.429 mW/g
SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.608 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



P70 GSM1900_GPRS10_Rear Face_1cm _Ch810_Sample1_Earphone1

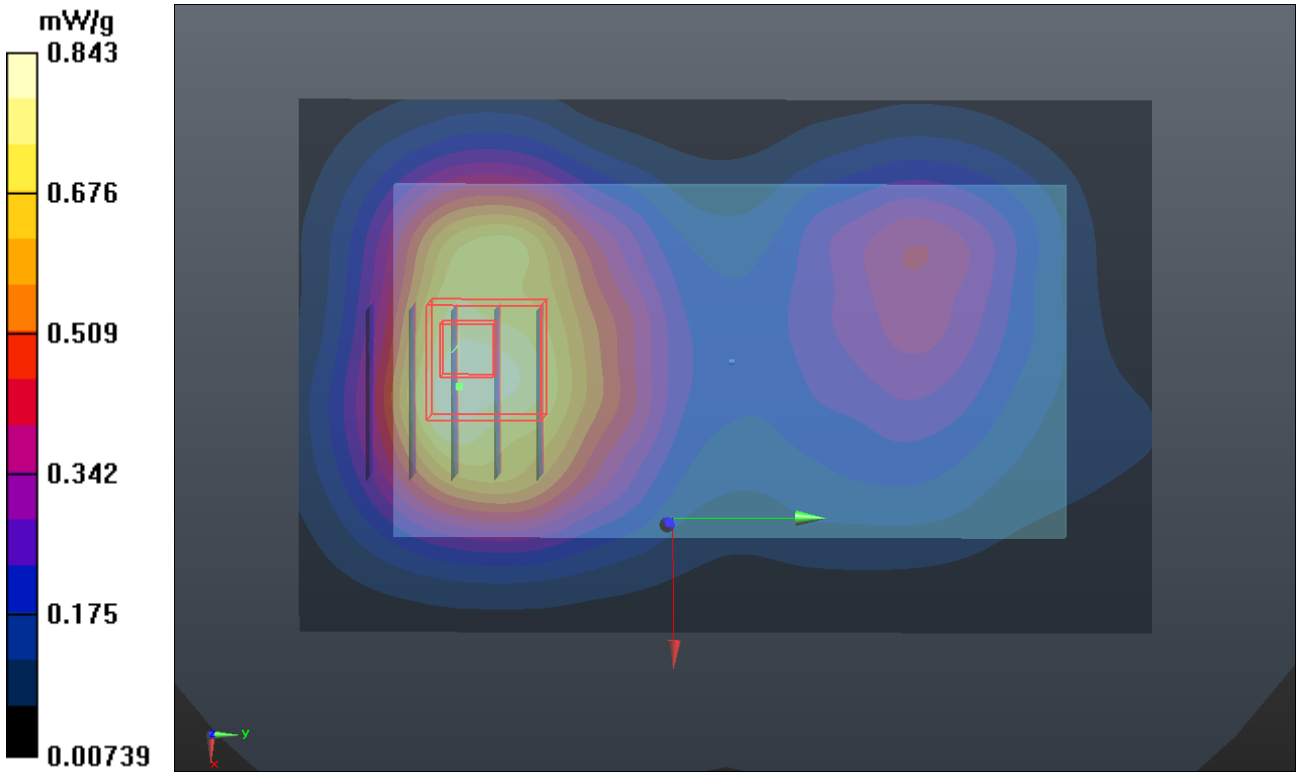
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.532 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.028 mW/g
SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.864 mW/g



P130 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample1_Earphone1

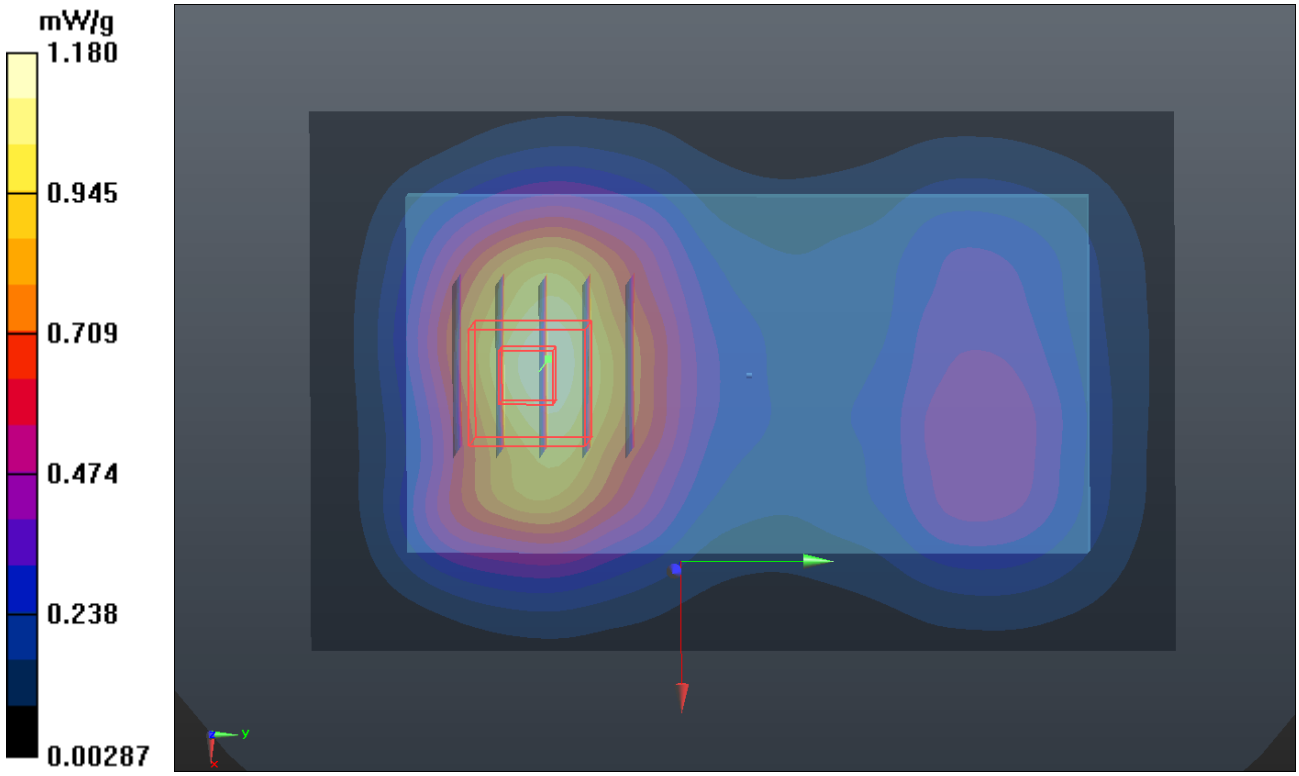
DUT: 120423C15

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used : f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 54.124; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.843 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.283 mW/g
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.553 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



P131 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1_Earphone1

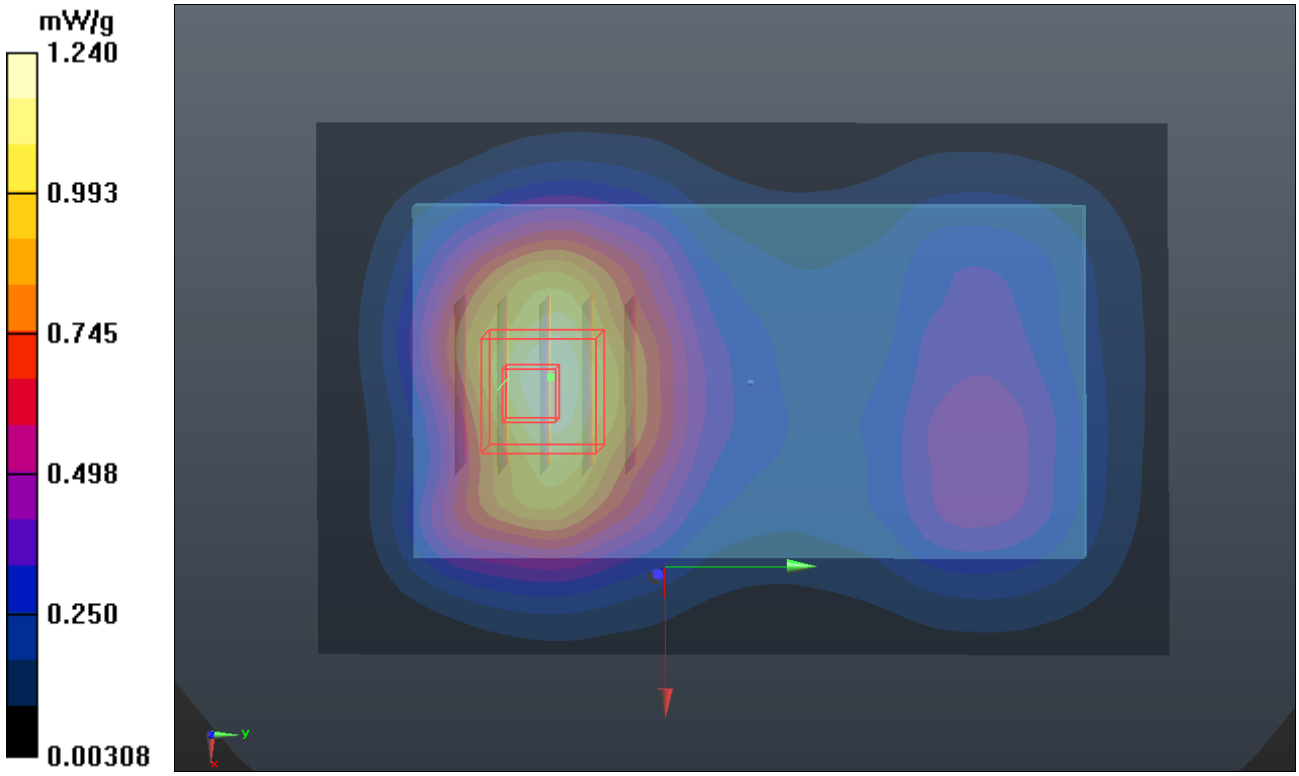
DUT: 120423C15

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.660 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.403 mW/g
SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.596 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



P134 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample2_Earphone2

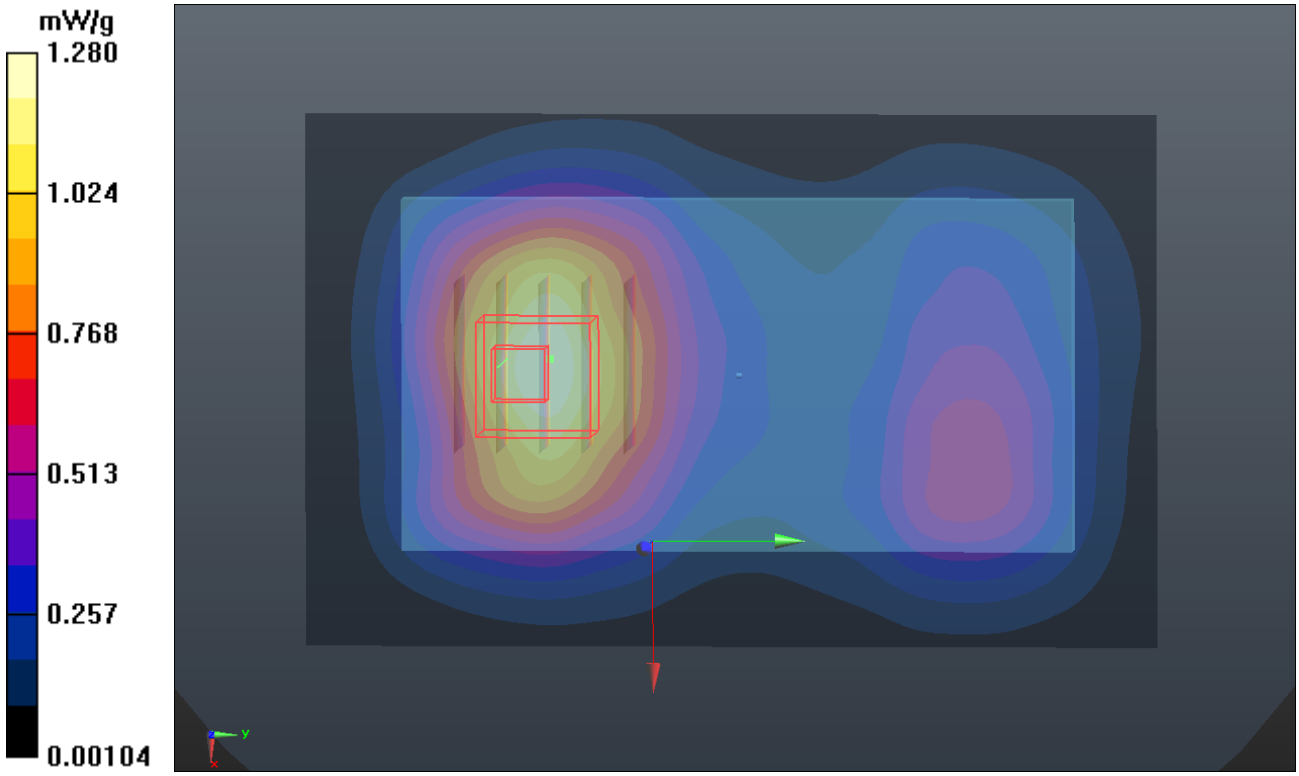
DUT: 120423C15

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.882 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.857 mW/g
SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.604 mW/g
Maximum value of SAR (measured) = 1.19 mW/g



P135 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample2_Earphone2

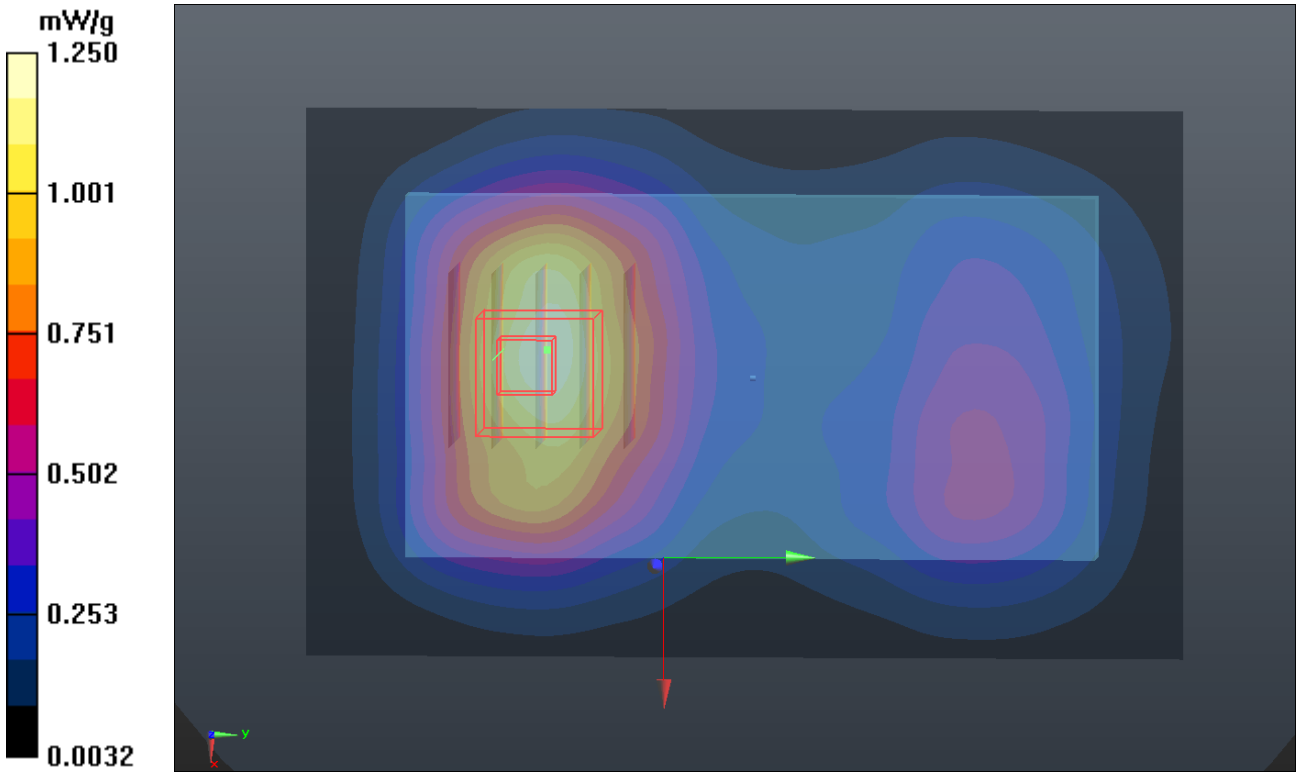
DUT: 120423C15

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used : f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 54.124; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.25 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.006 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.389 mW/g
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 1.14 mW/g



P136 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample2_Earphone2

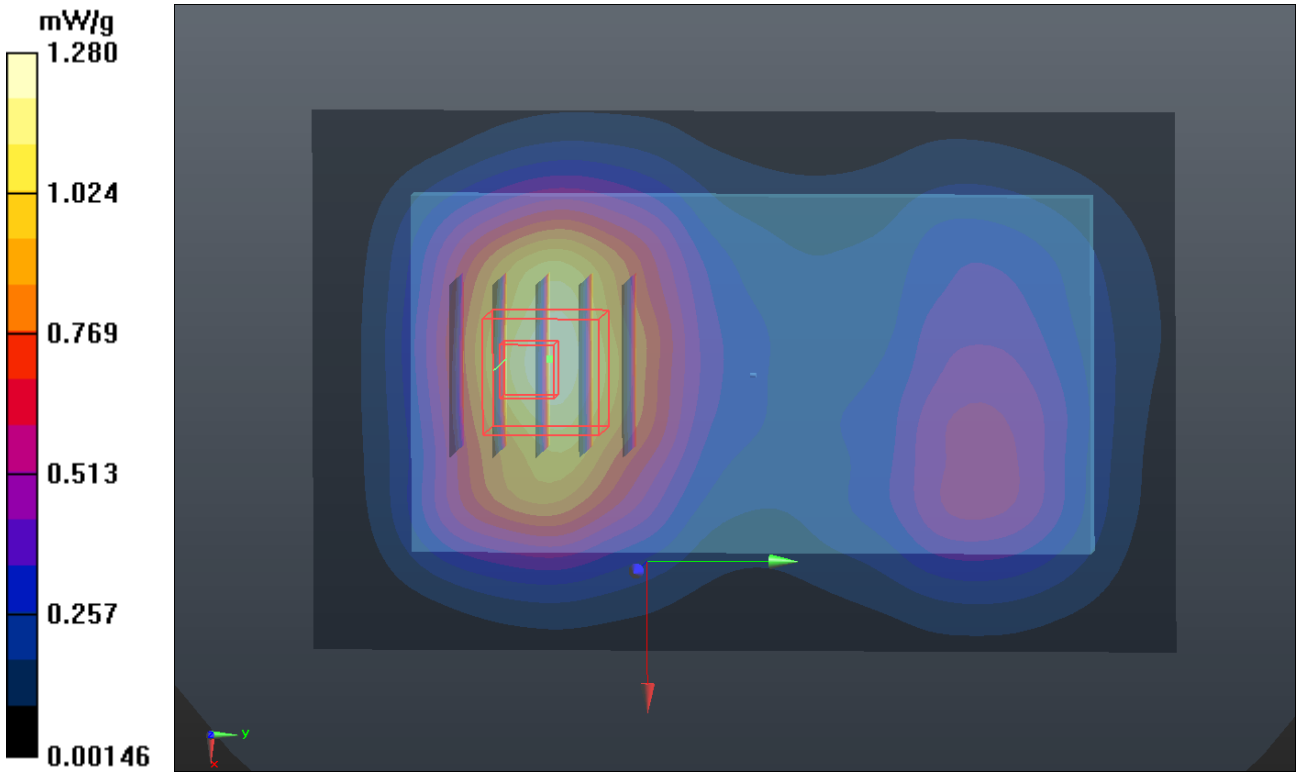
DUT: 120423C15

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.298 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.404 mW/g
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P22 WCDMA V_RMC12.2K_Front Face_Ch4182_Sample1

DUT: 120423C15

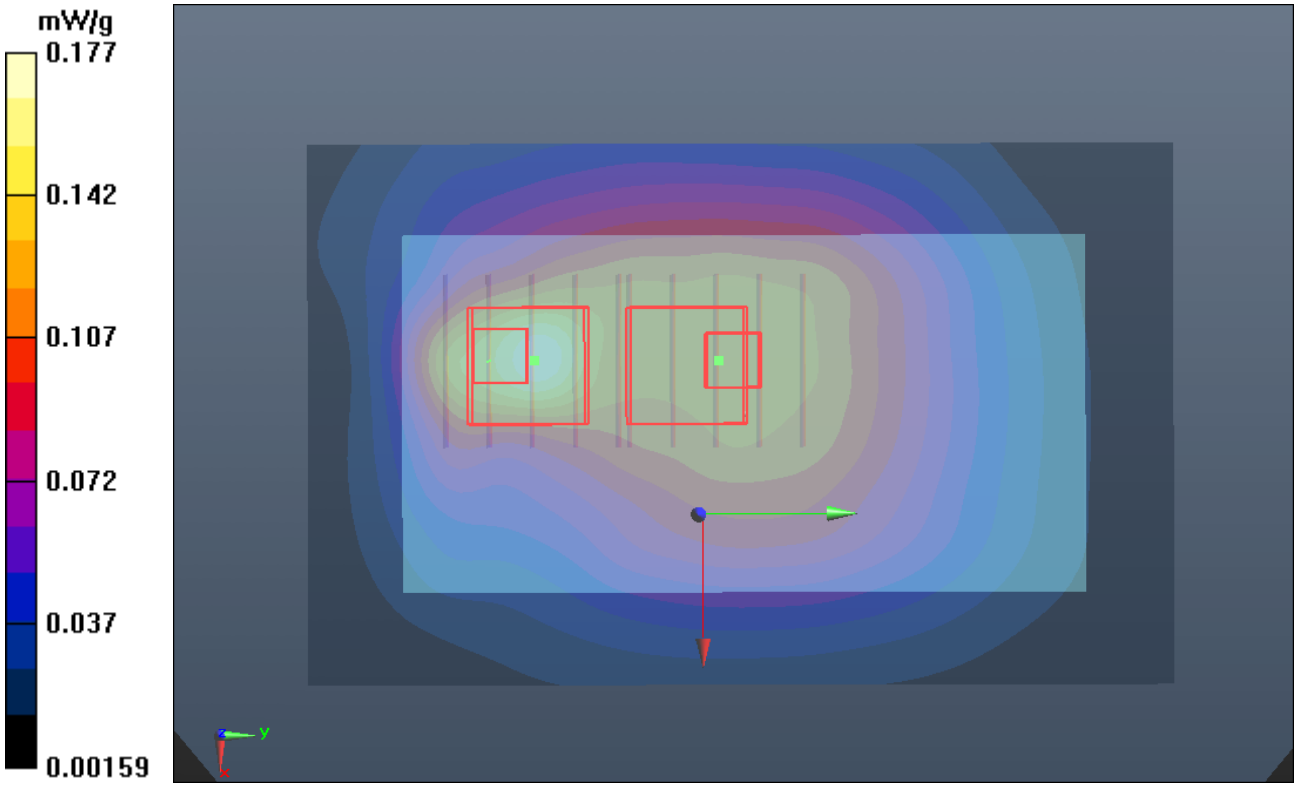
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used : f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.177 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.416 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.216 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.188 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.416 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.140 mW/g
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.125 mW/g



P23 WCDMA V_RMC12.2K_Rear Face_Ch4182_Sample1

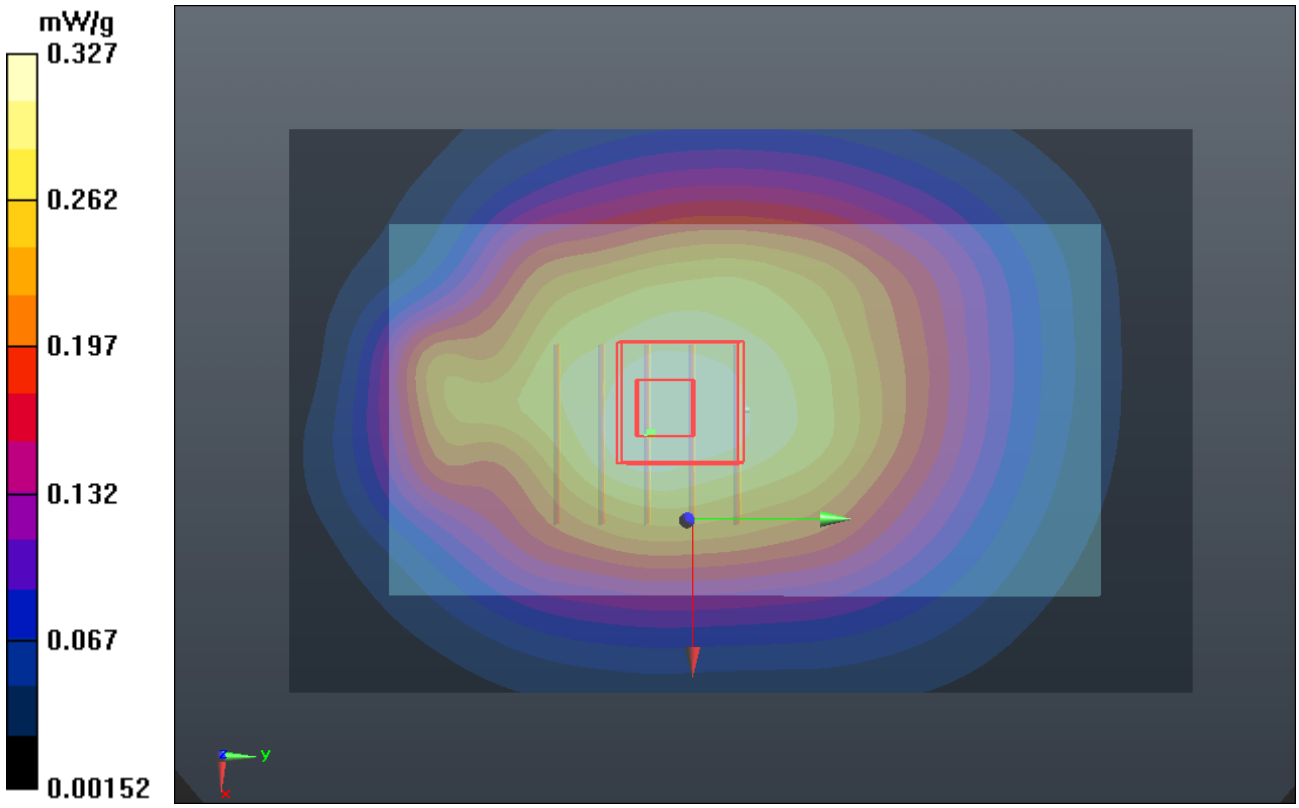
DUT: 120423C15

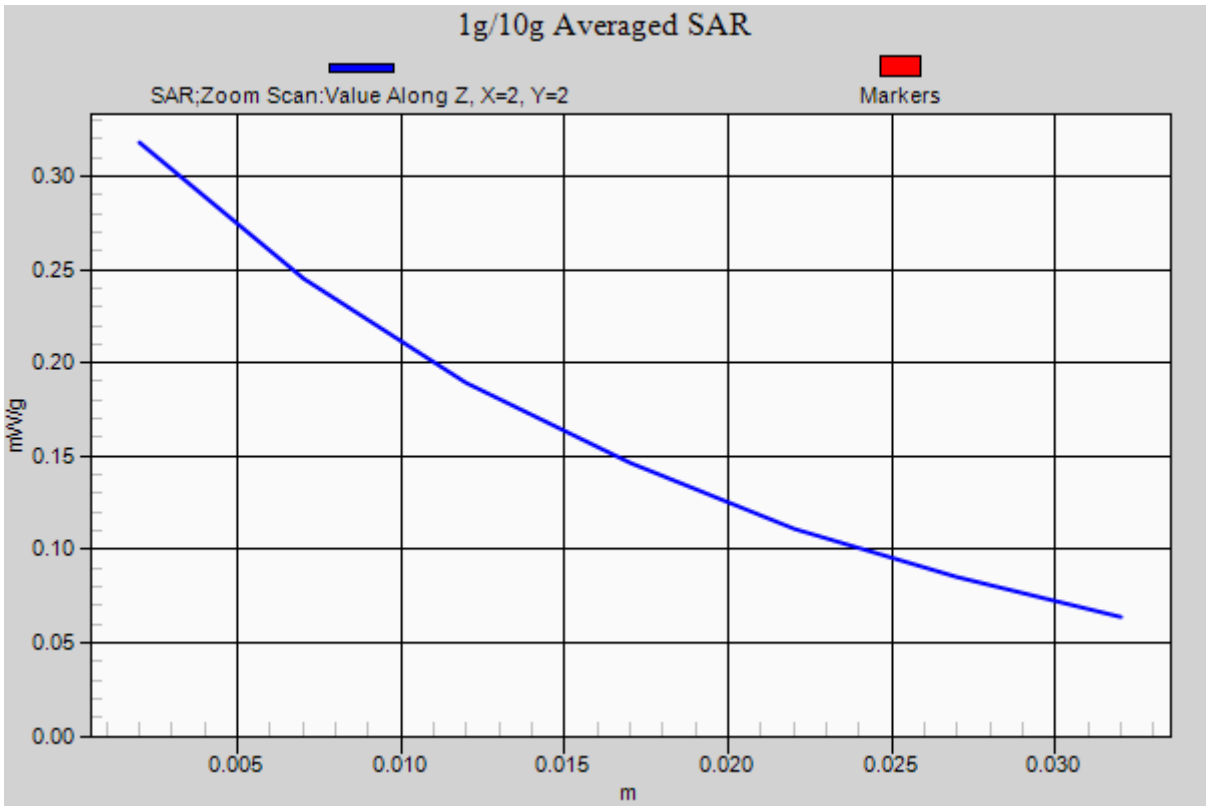
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used : f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.327 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.767 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.355 mW/g
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.318 mW/g




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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P24 WCDMA V_RMC12.2K_Left Side_Ch4182_Sample1

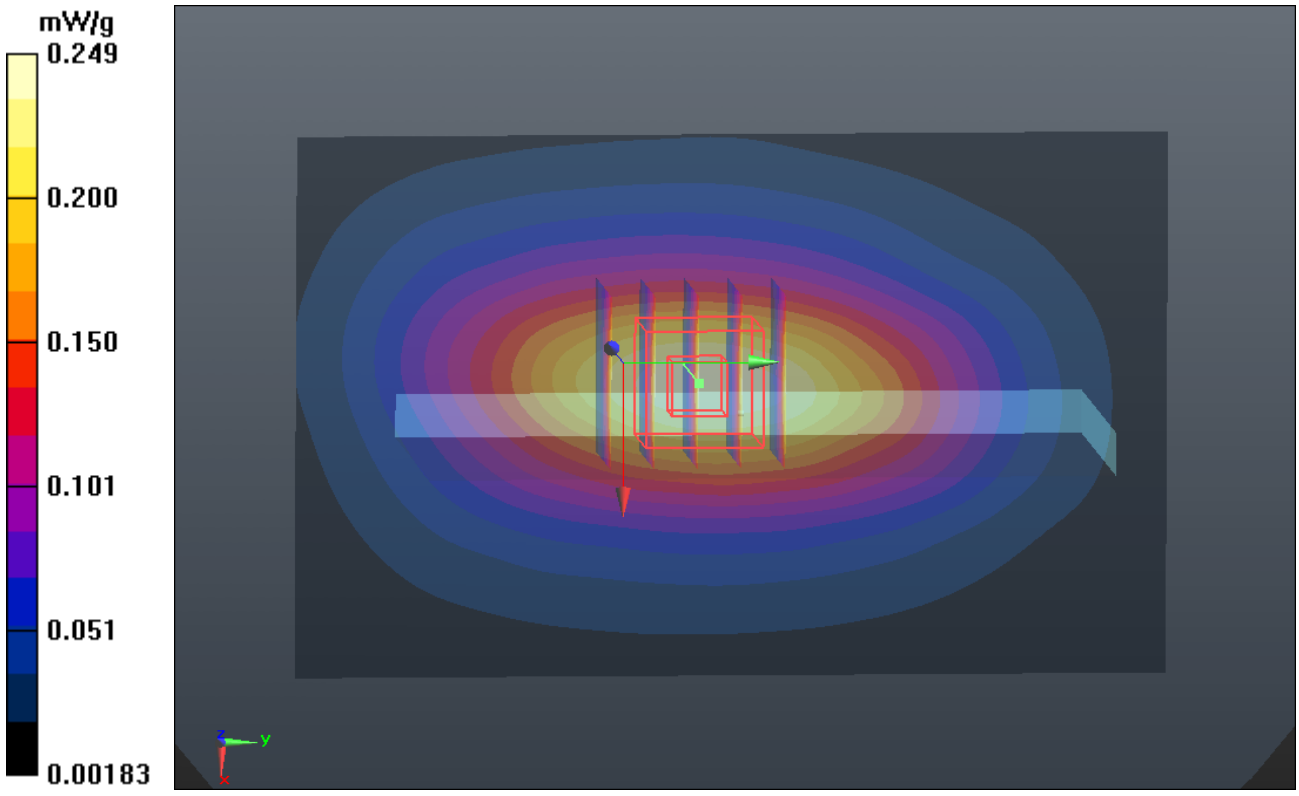
DUT: 120423C15

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used: f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.249 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.761 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.290 mW/g
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.249 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P25 WCDMA V_RMC12.2K_Right Side_Ch4182_Sample1

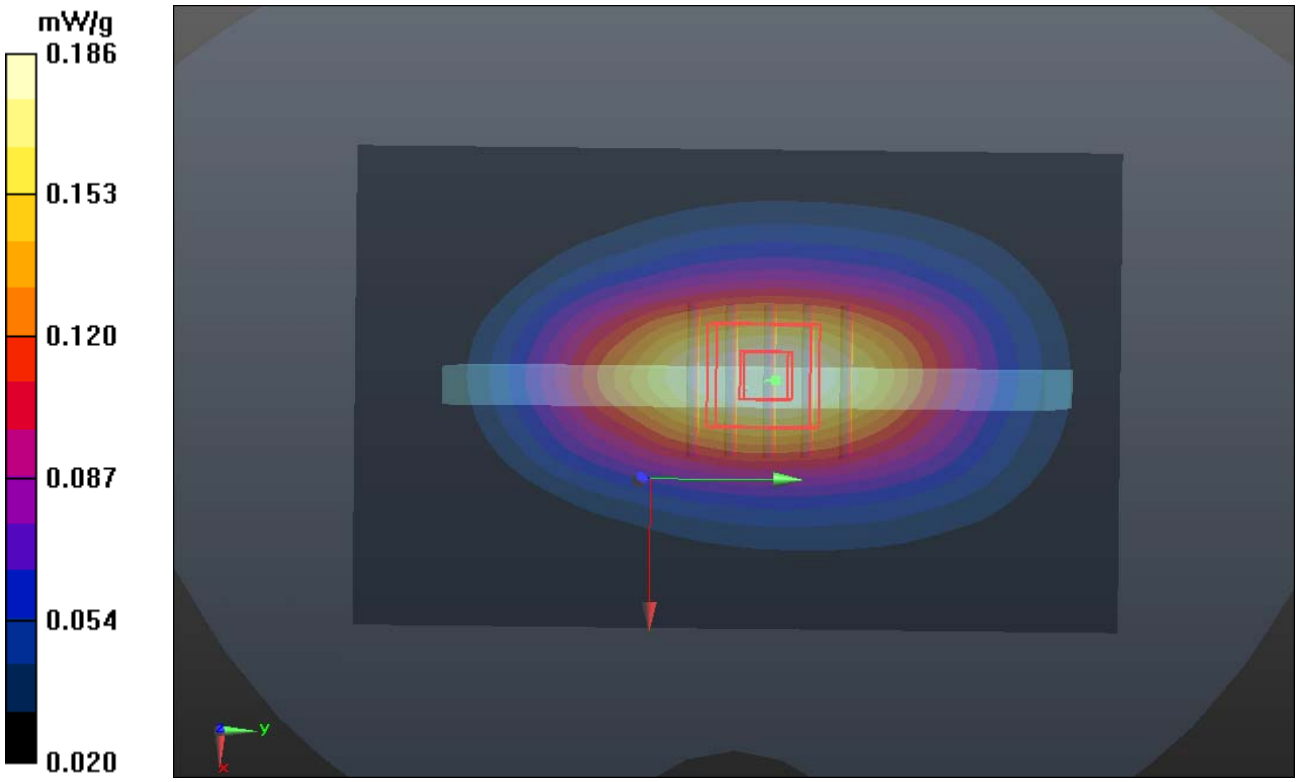
DUT: 120423C15

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used: f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.192 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.977 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.216 mW/g
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.186 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/25

P26 WCDMA V_RMC12.2K_Bottom Side_Ch4182_Sample1

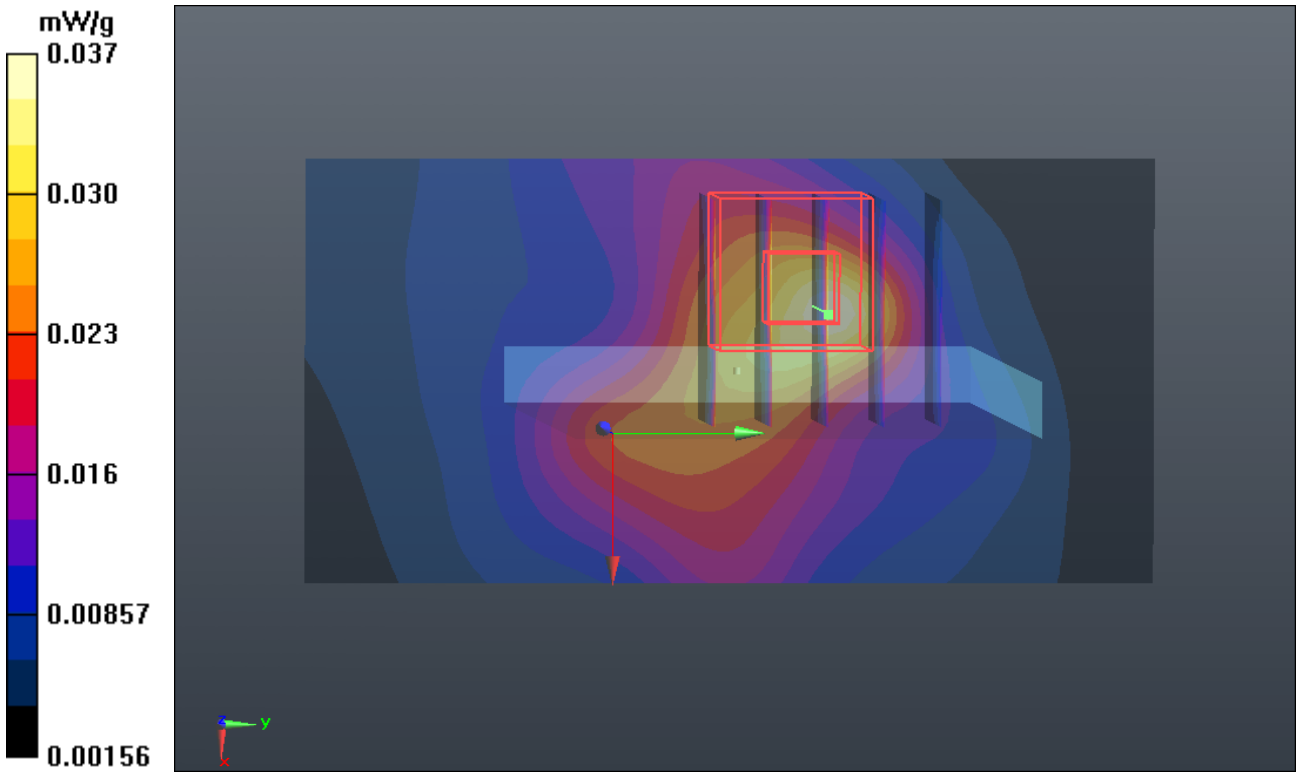
DUT: 120423C15

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used: f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0366 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.864 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.054 mW/g
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.0396 mW/g



P27 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Sample2

DUT: 120423C15

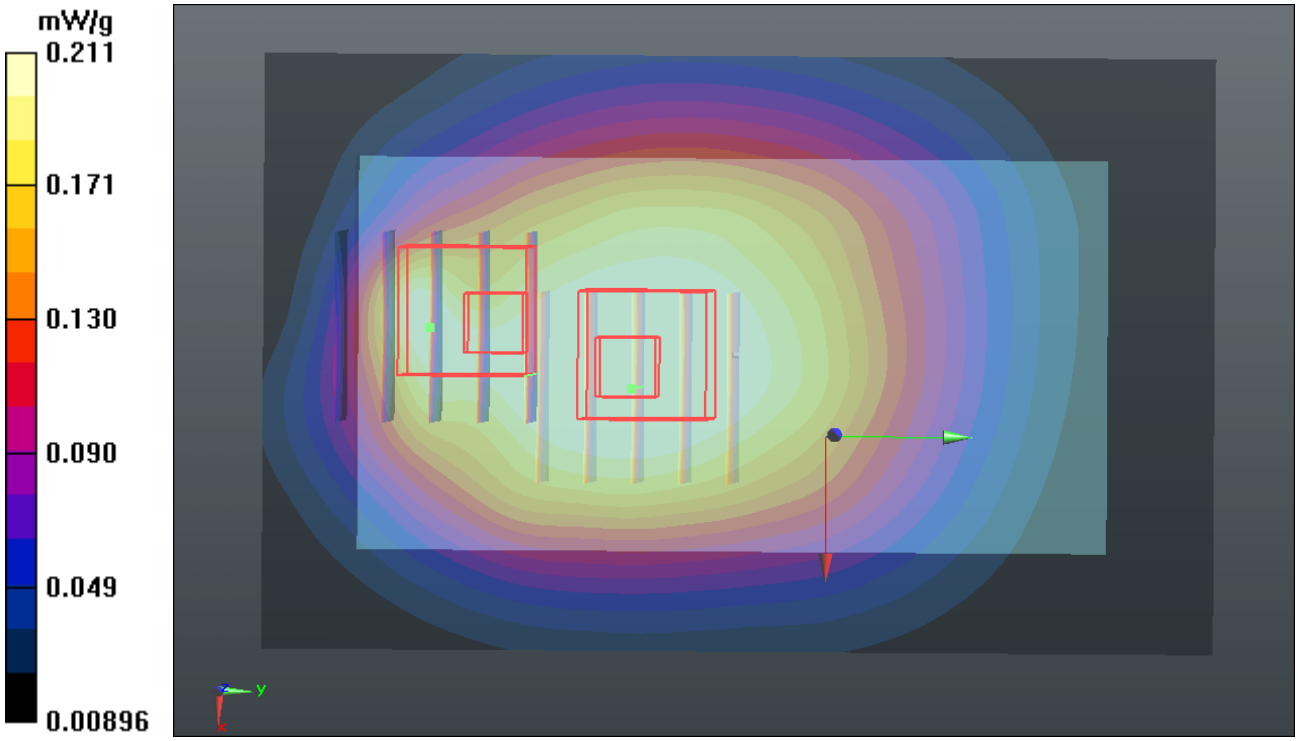
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0427 Medium parameters used: f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 55.996; ρ = 1000 kg/m3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.236 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.045 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.264 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.045 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.245 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



P28 WCDMA V_RMC12.2K_Front Face_Ch4182_Sample1_Earphone1

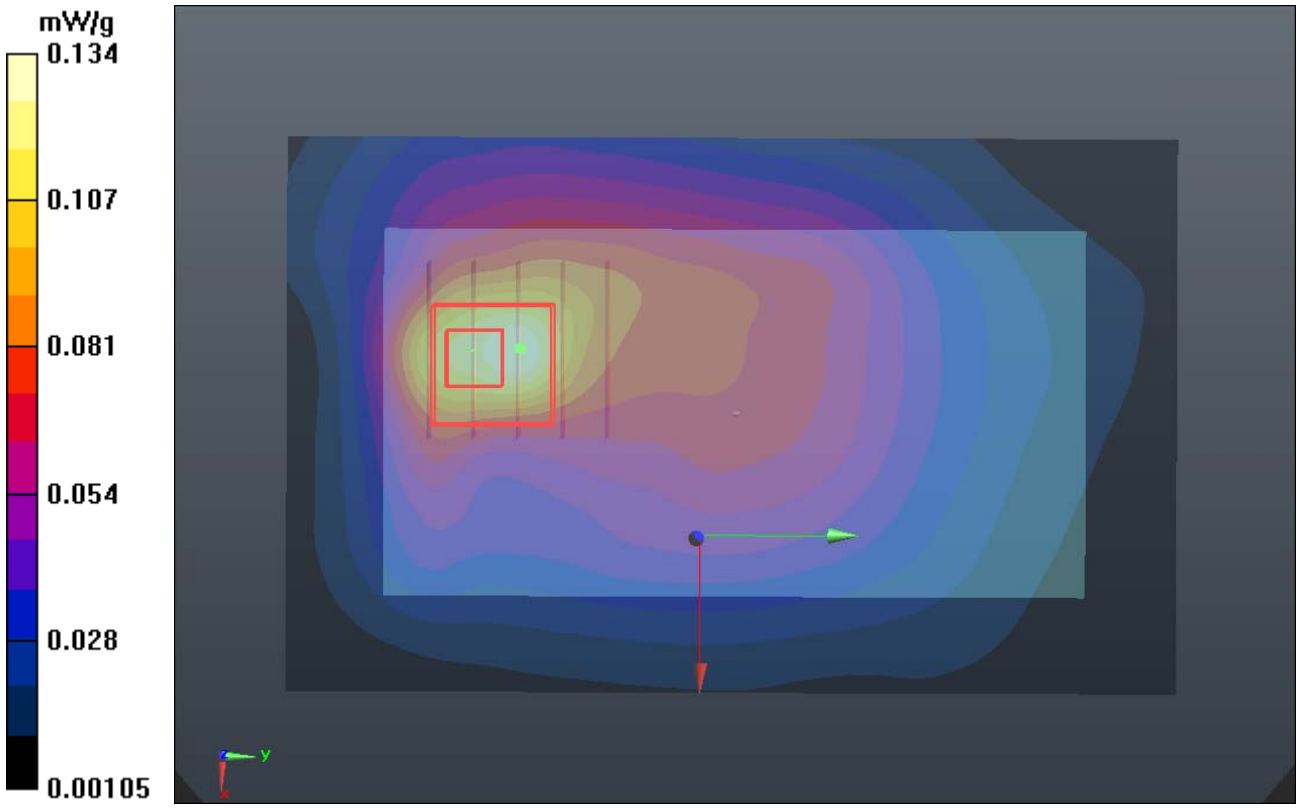
DUT: 120423C15

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used: f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.427 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.176 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



P29 WCDMA V_RMC12.2K_Rear Face_Ch4182_Sample1_Earphone1

DUT: 120423C15

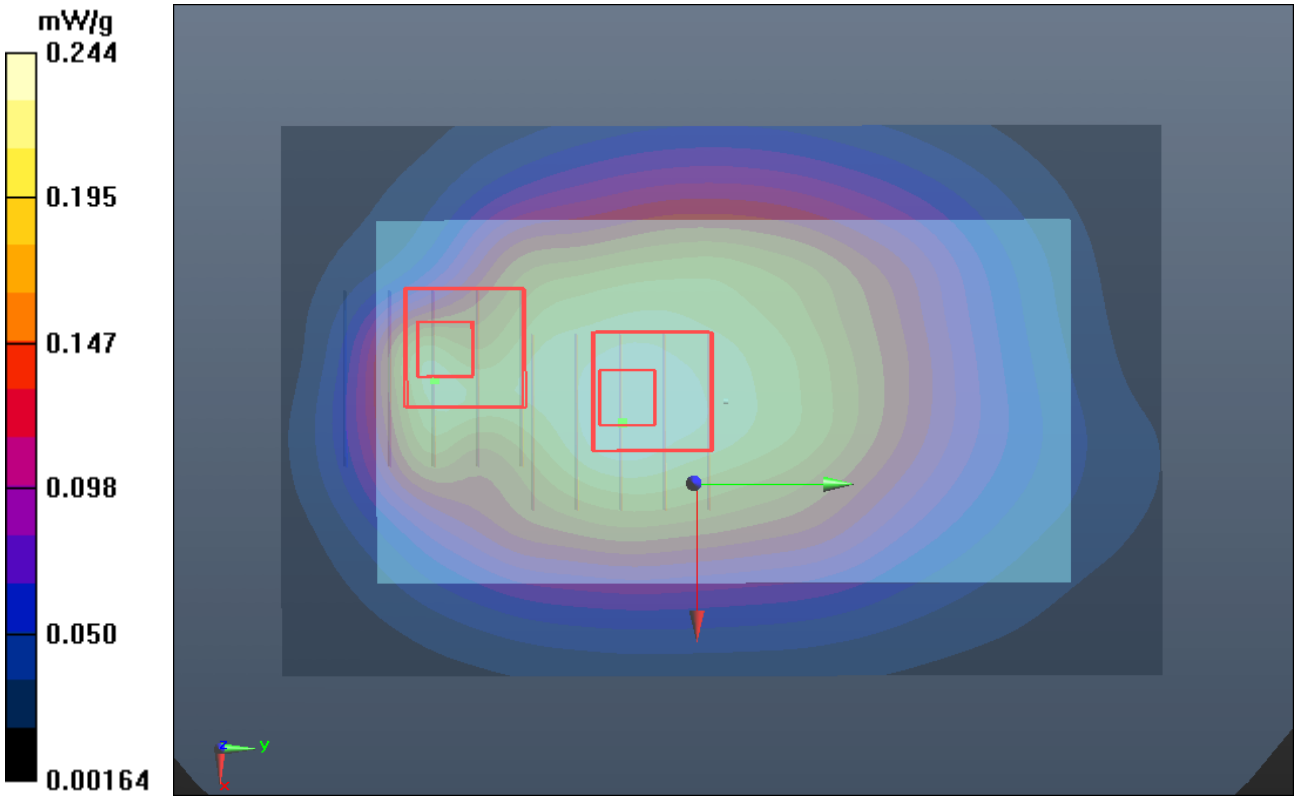
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0425 Medium parameters used : f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 56.007; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.126 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.273 mW/g
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.241 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.126 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.278 mW/g
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



P30 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Sample2_Earphone2

DUT: 120423C15

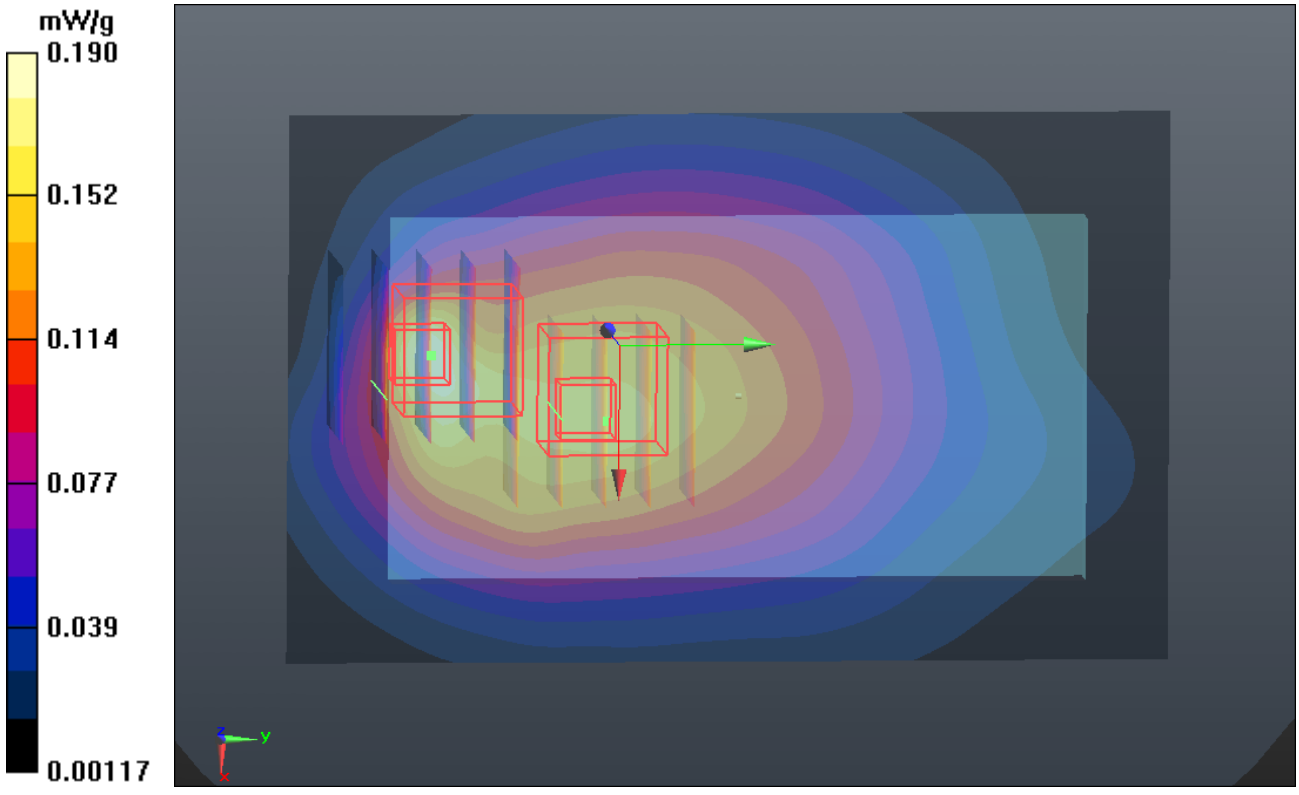
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0427 Medium parameters used: f = 836.4 MHz; σ = 0.995 mho/m; ε_r = 55.996; ρ = 1000 kg/m3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.190 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.558 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.188 mW/g
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.165 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.558 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.197 mW/g
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



P119 802.11b_Front Face_1cm_Ch11_Sample1

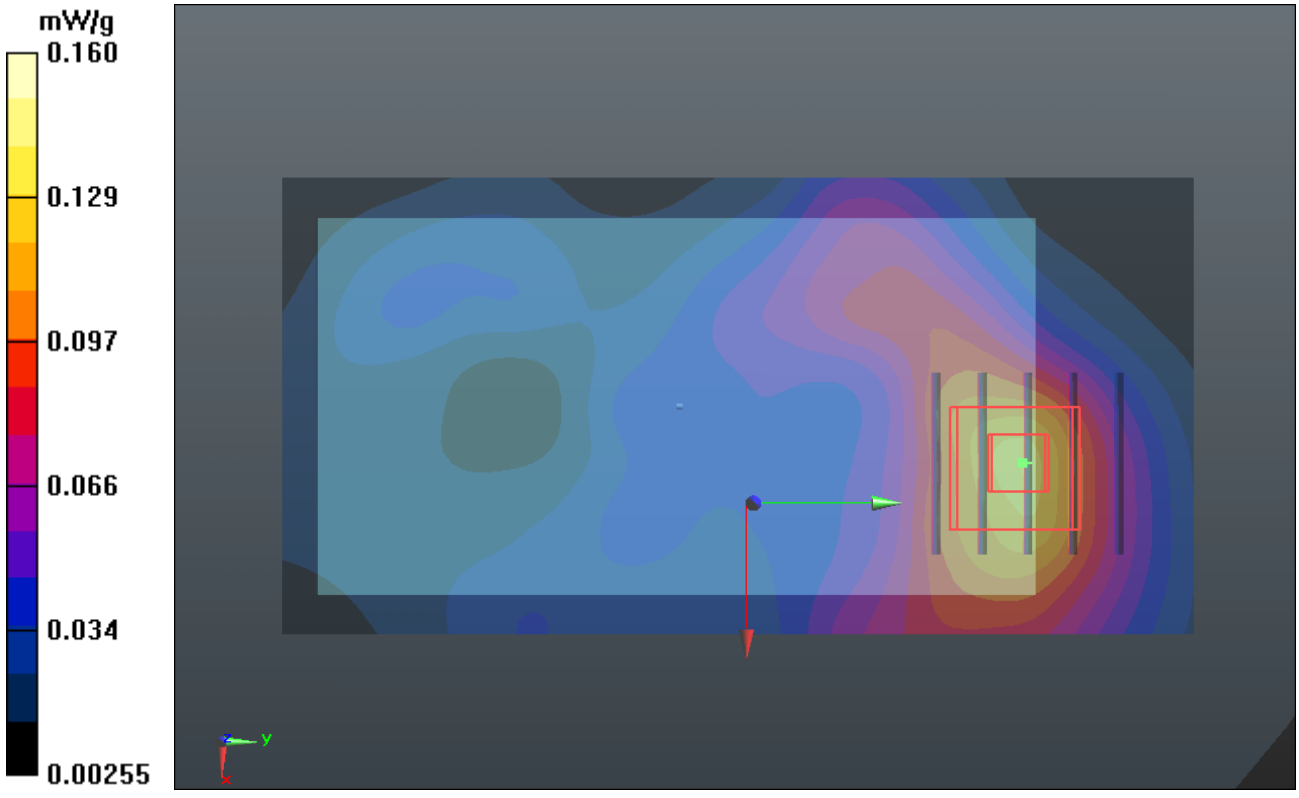
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.957 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.211 mW/g
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.160 mW/g



P120 802.11b_Rear Face_1cm_Ch11_Sample1

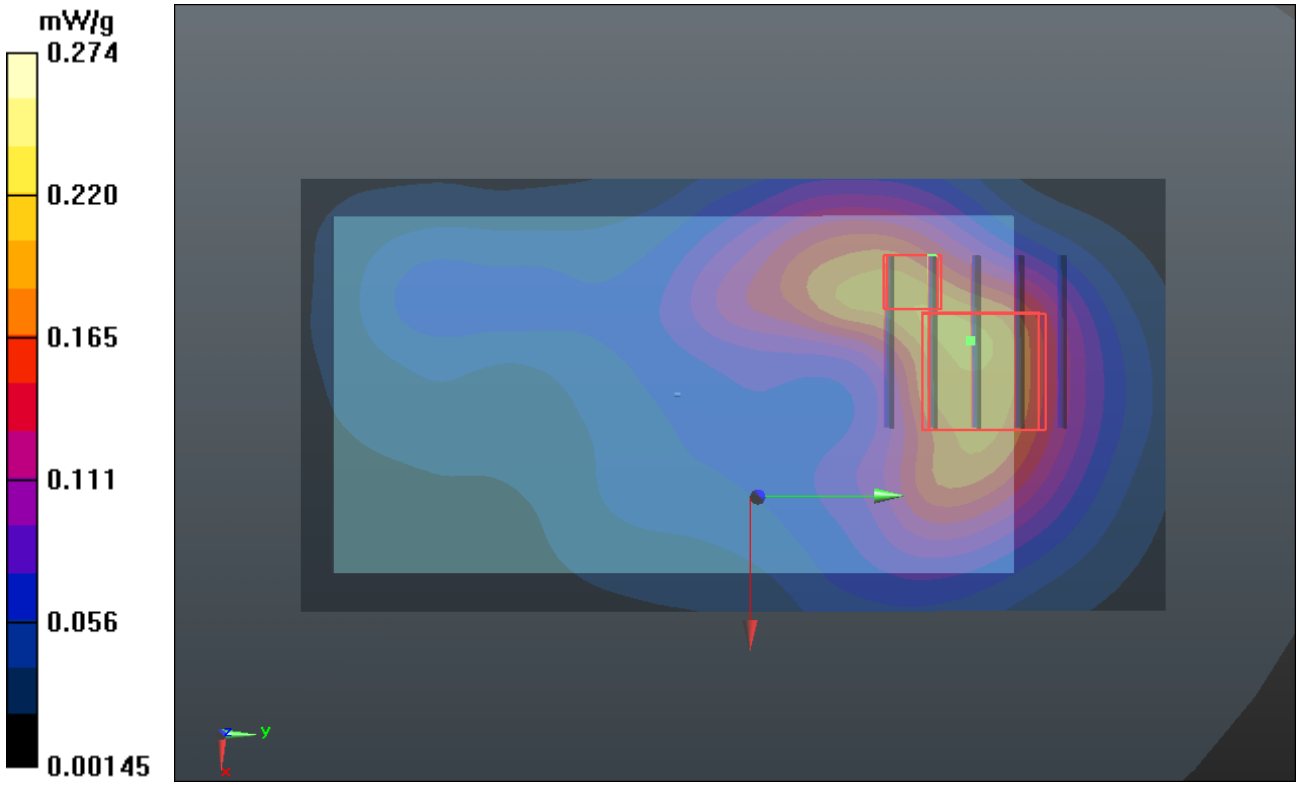
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.209 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.943 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.403 mW/g
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.274 mW/g



P121 802.11b_Right Side_1cm_Ch11_Sample1

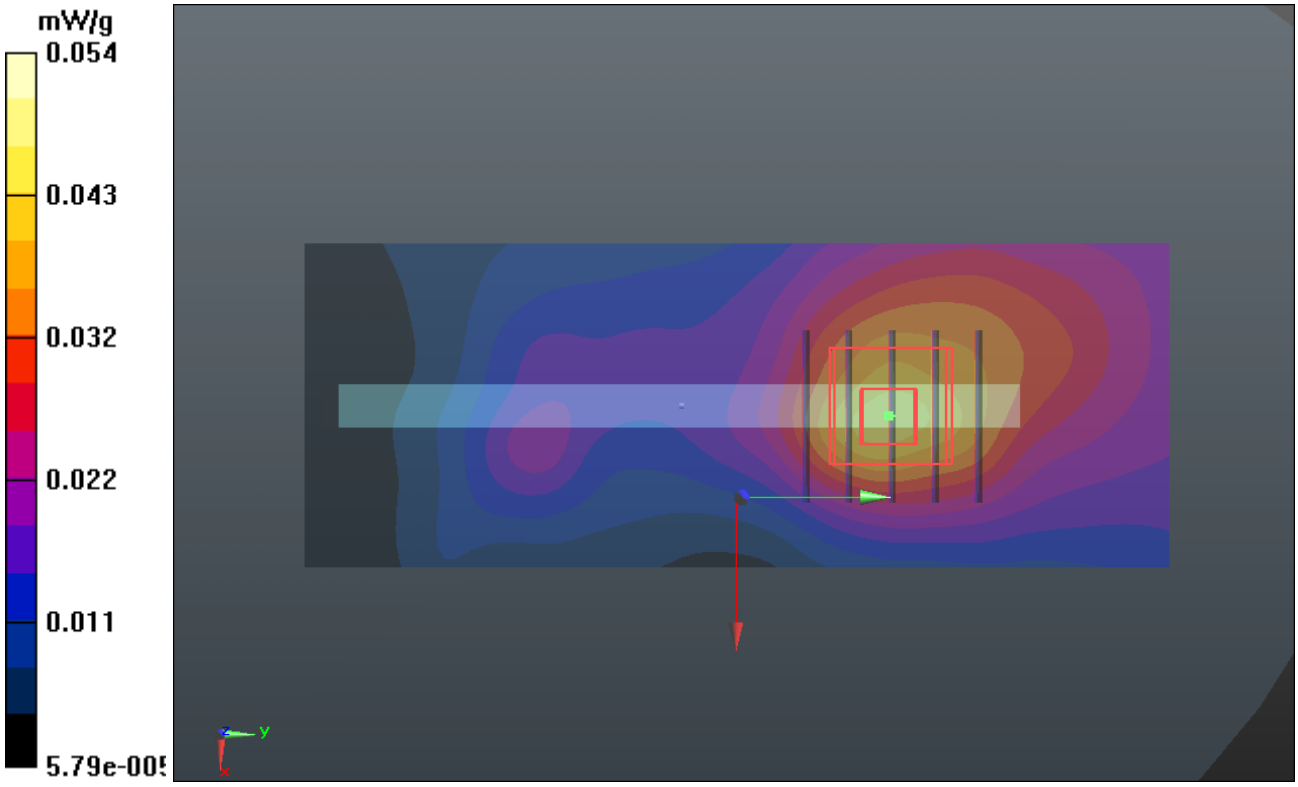
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0457 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.922 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.0540 mW/g



P122 802.11b_Top Side_1cm_Ch11_Sample1

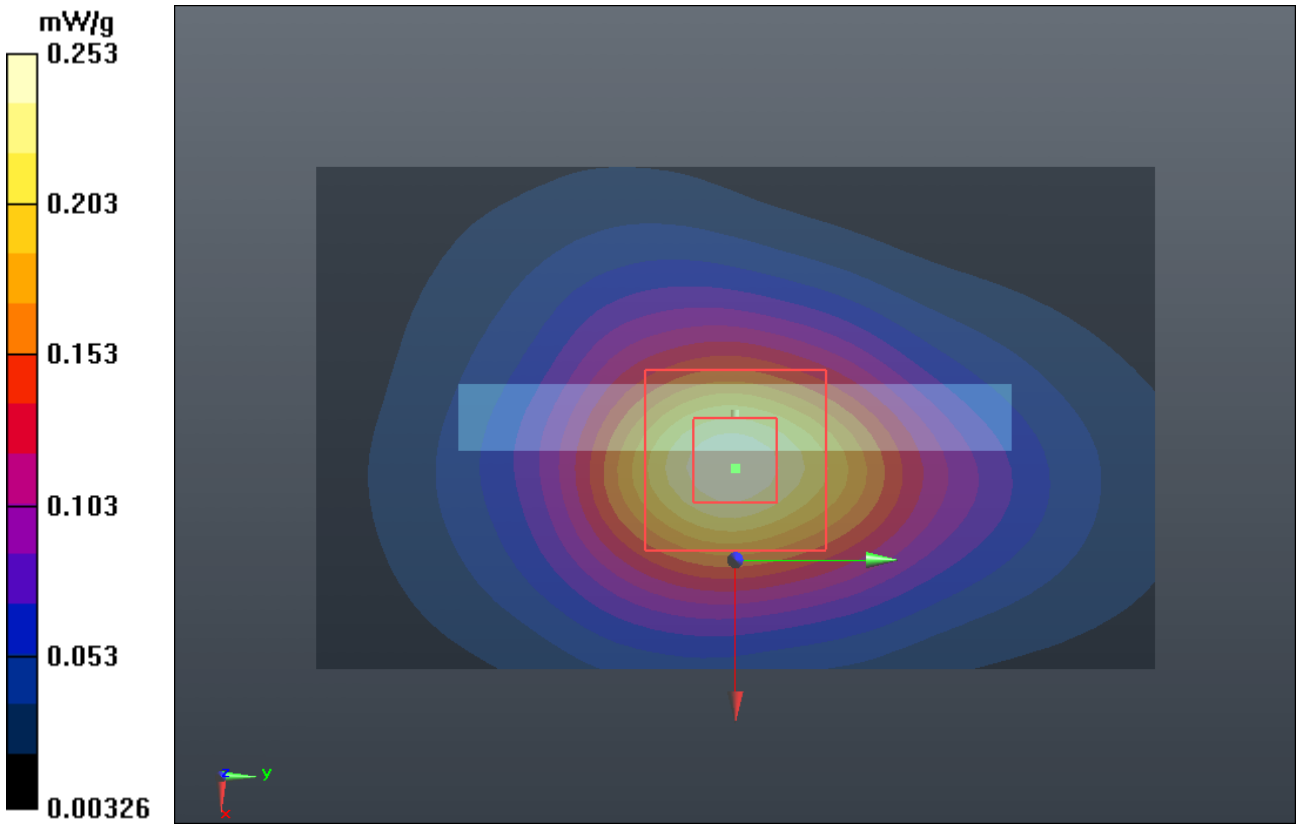
DUT: 120423C15

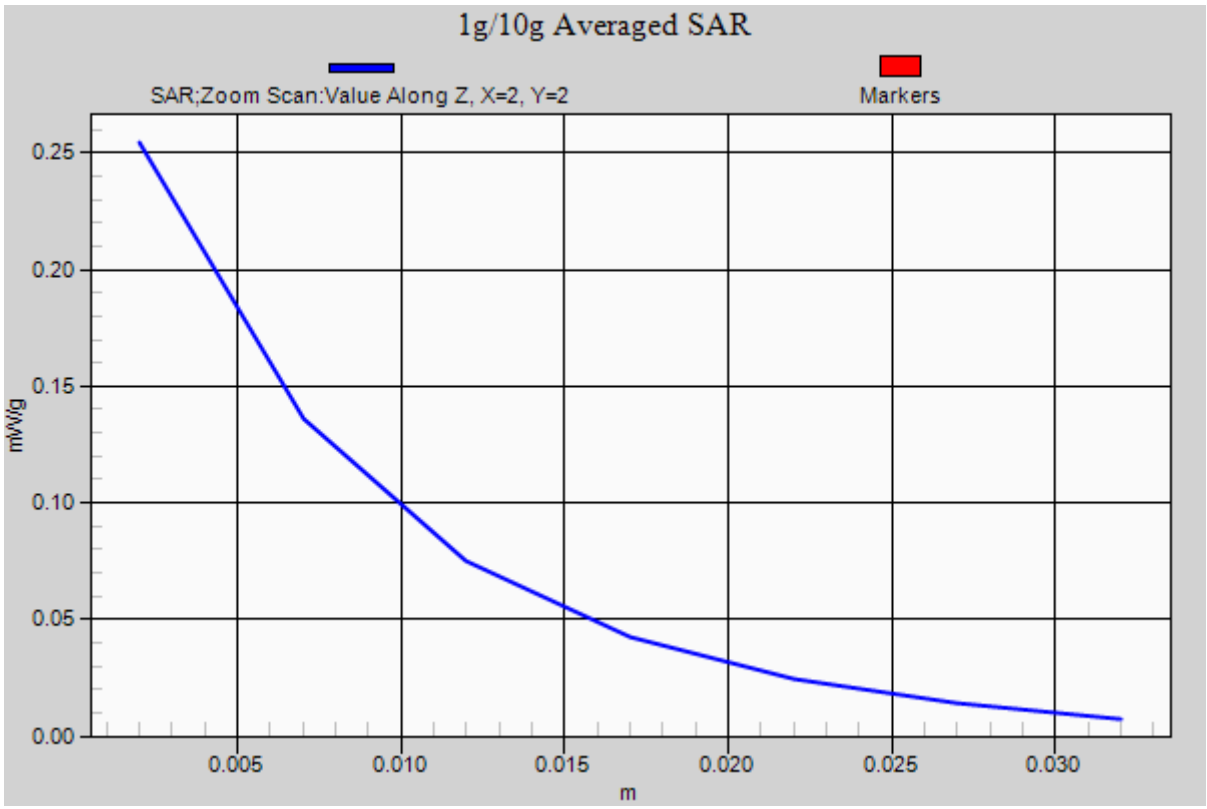
Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.253 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.951 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.336 mW/g
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.254 mW/g




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

P123 802.11b_Top Side_1cm_Ch11_Sample2

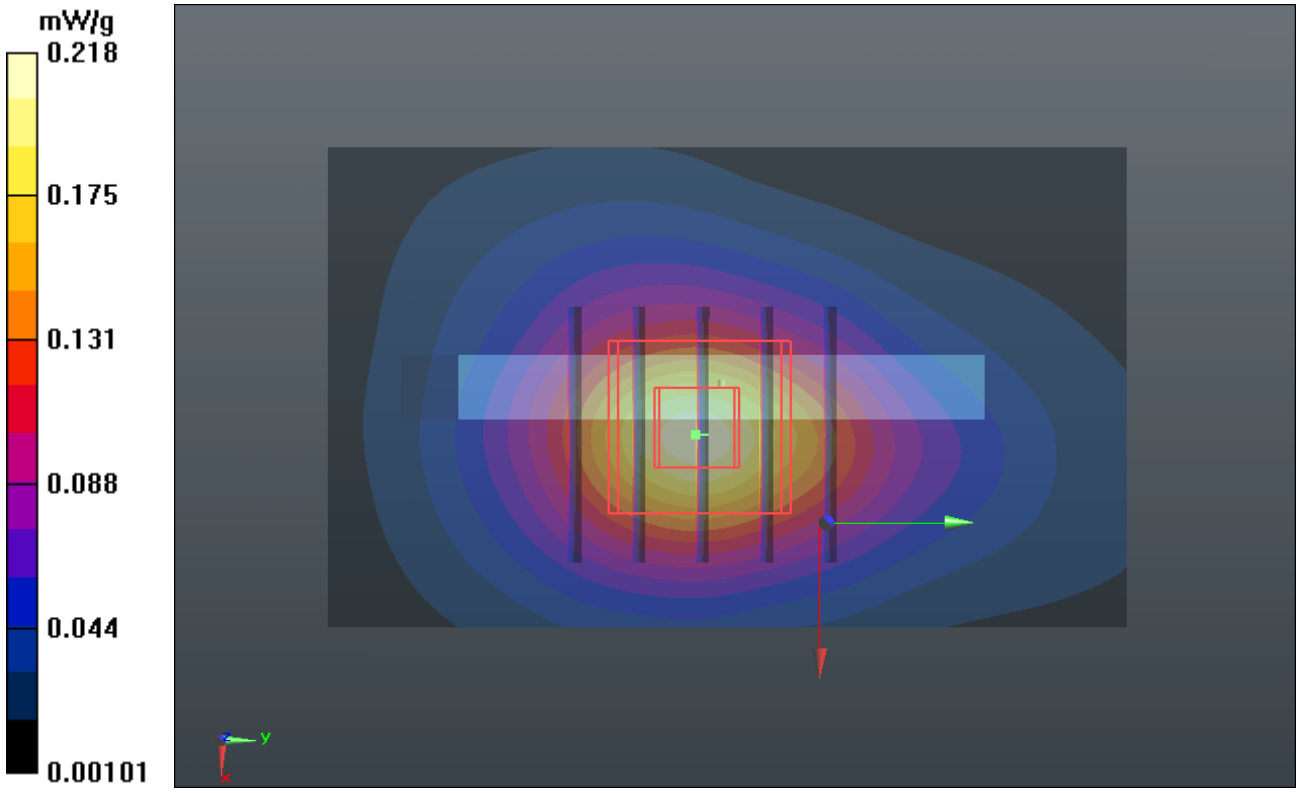
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.012 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.291 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.218 mW/g



P124 802.11b_Front Face_1cm_Ch11_Sample1_Earphone1

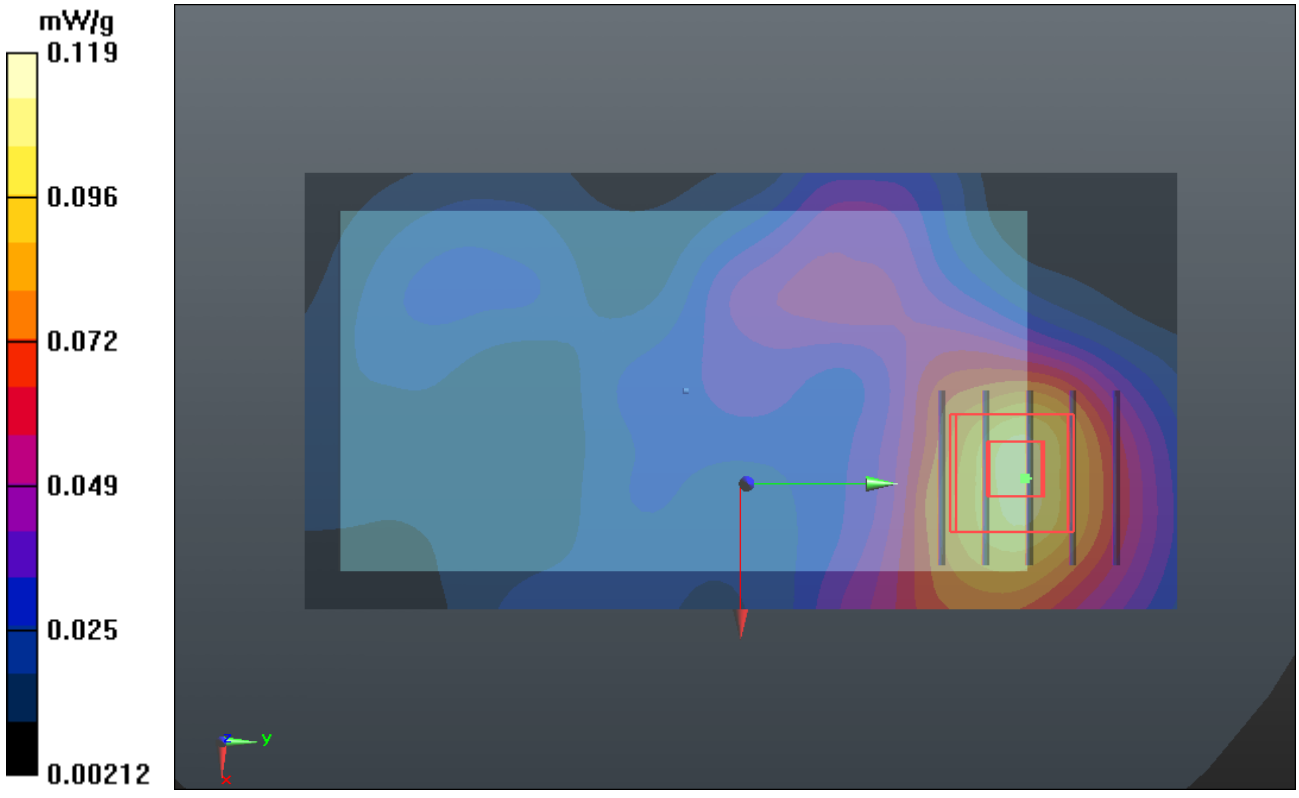
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.108 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.170 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.158 mW/g
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.119 mW/g



P125 802.11b_Rear Face_1cm_Ch11_Sample1_Earphone1

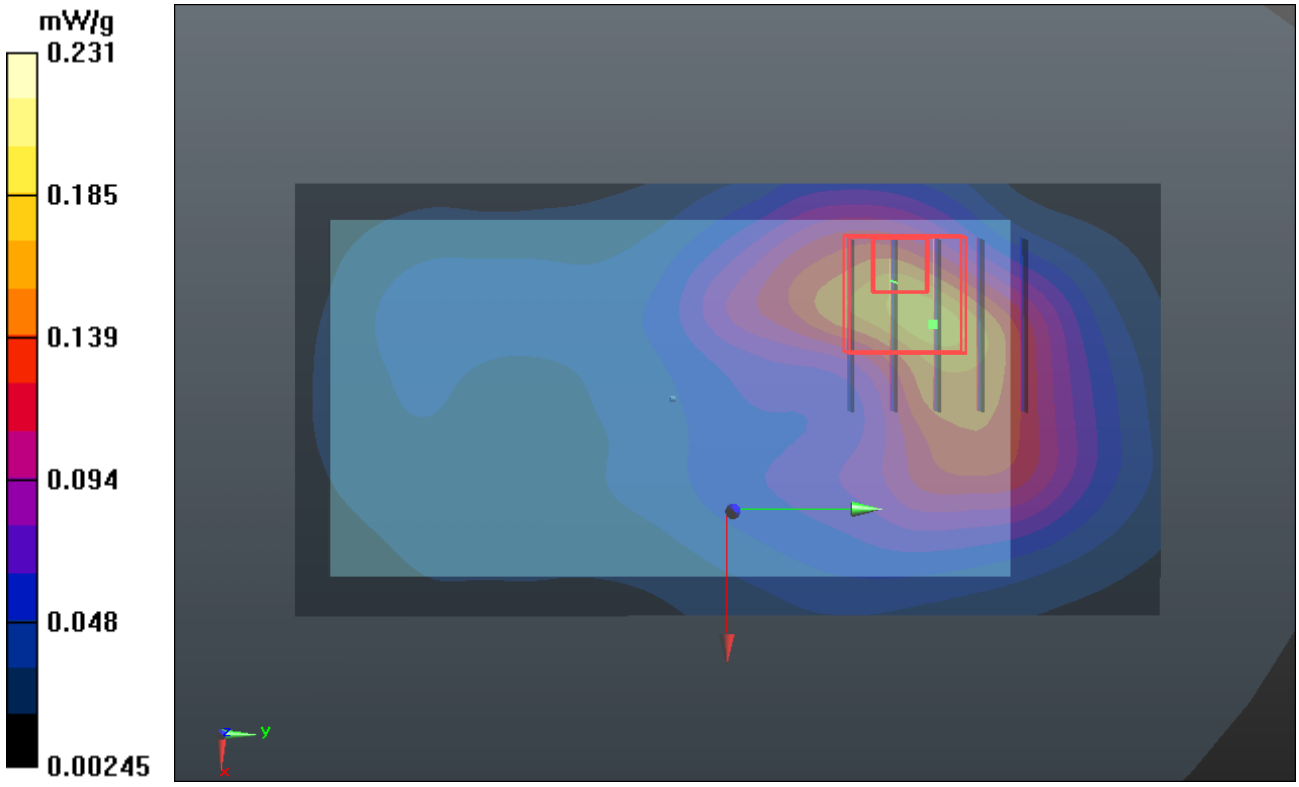
DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.172 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.335 mW/g
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



P126 802.11b_Rear Face_1cm_Ch11_Sample2_Earphone2

DUT: 120423C15

Communication System: WLAN 2450; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0426 Medium parameters used: f = 2462 MHz; σ = 1.988 mho/m; ε_r = 51.704; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.209 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.183 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.349 mW/g
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.239 mW/g