Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/07

P01 GSM850_Right Cheek_Ch128_Sample1

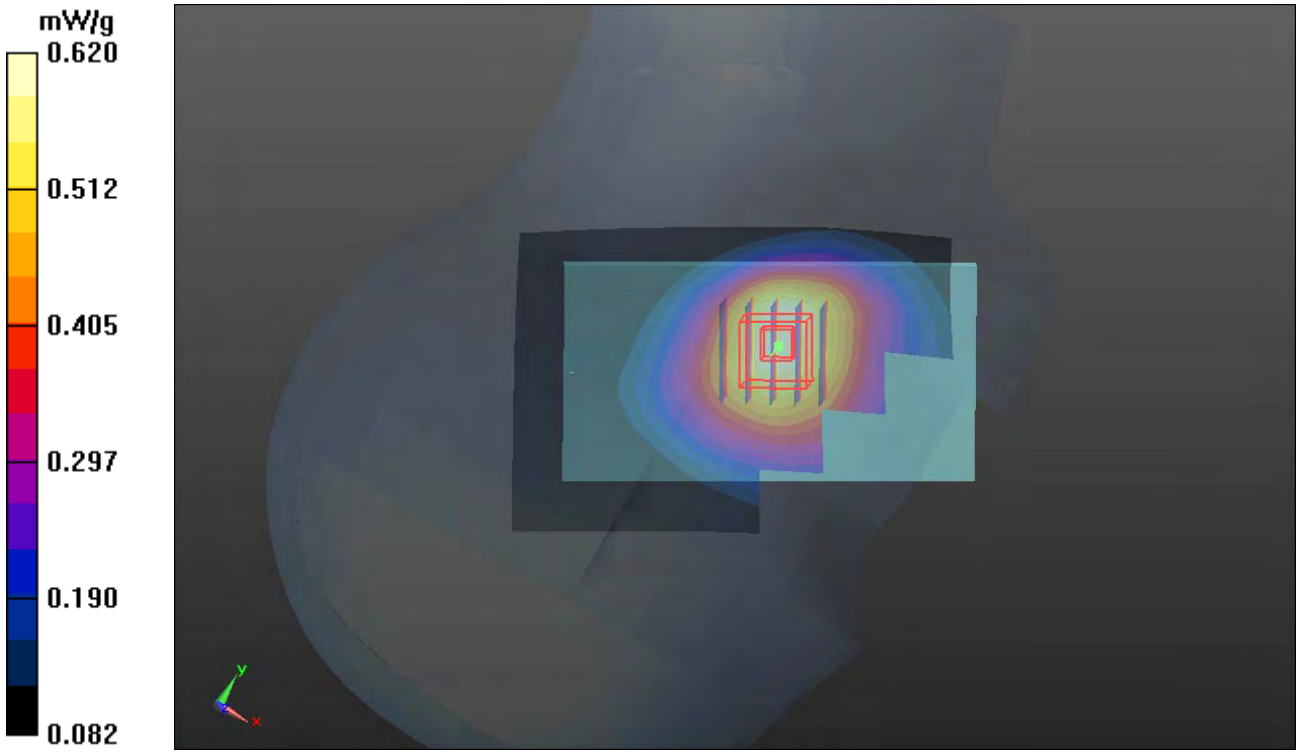
DUT: 120402C01

Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0407 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.238; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY5 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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.670 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.6640
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 0.620 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/07

P02 GSM850_Right Tilted_Ch128_Sample1

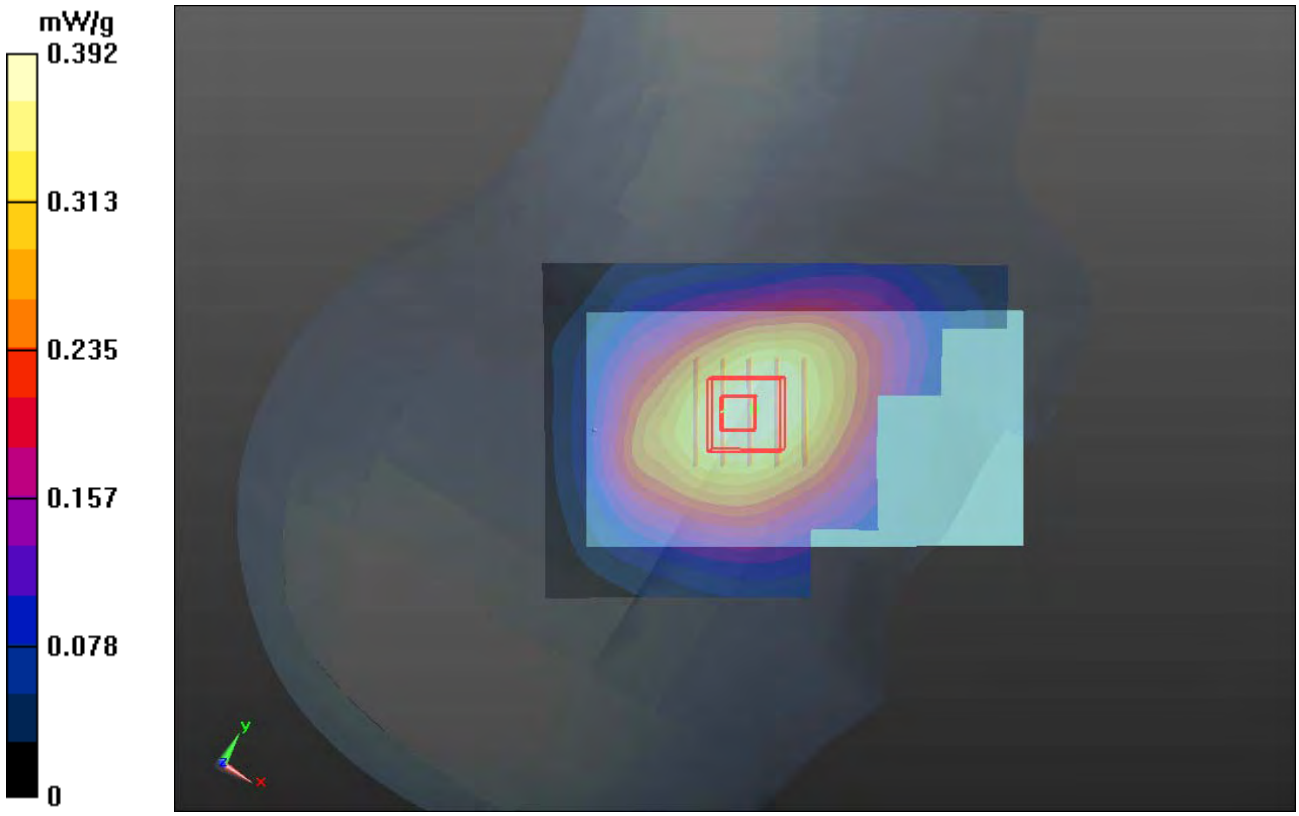
DUT: 120402C01

Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0407 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.238; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：21.2 ℃

DASY5 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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.392 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.467 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.4140
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.387 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/07

P03 GSM850_Left Cheek_Ch128_Sample1

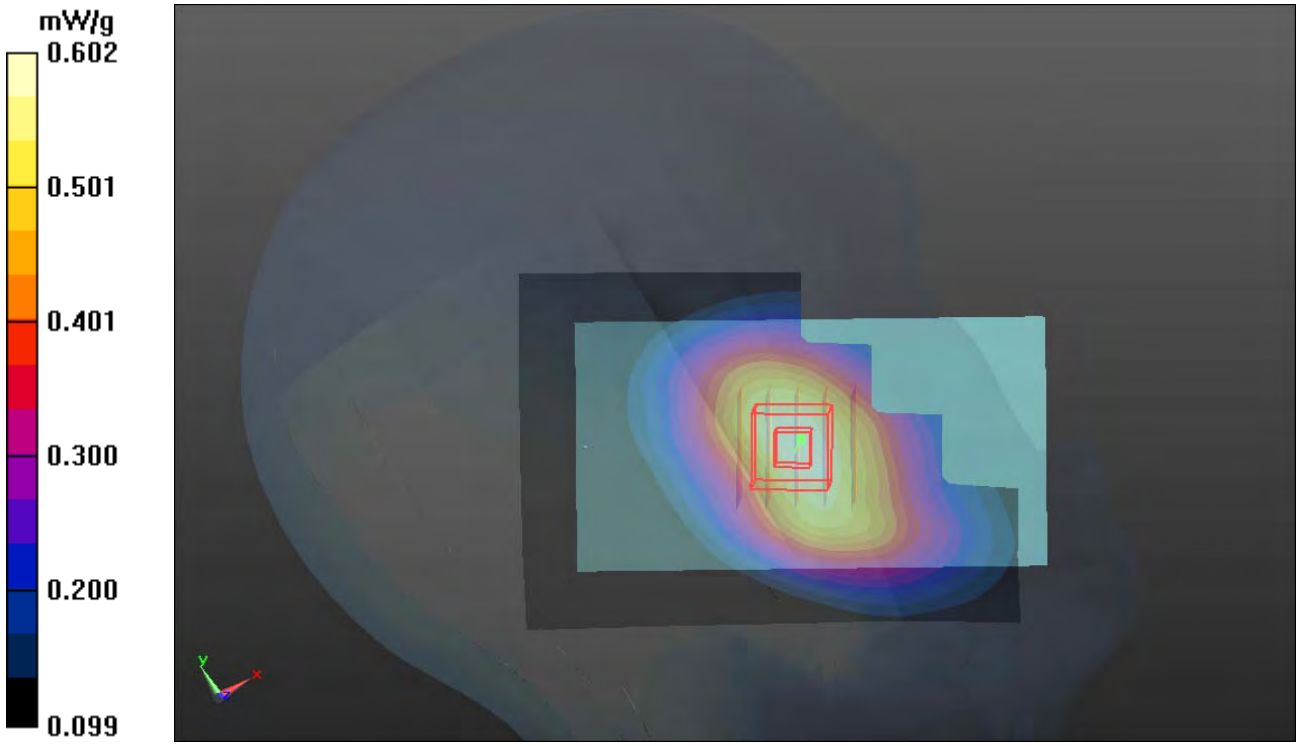
DUT: 120402C01

Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0407 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.238; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY5 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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.599 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.066 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.6510
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.413 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/07

P04 GSM850_Left Tilted_Ch128_Sample1

DUT: 120402C01

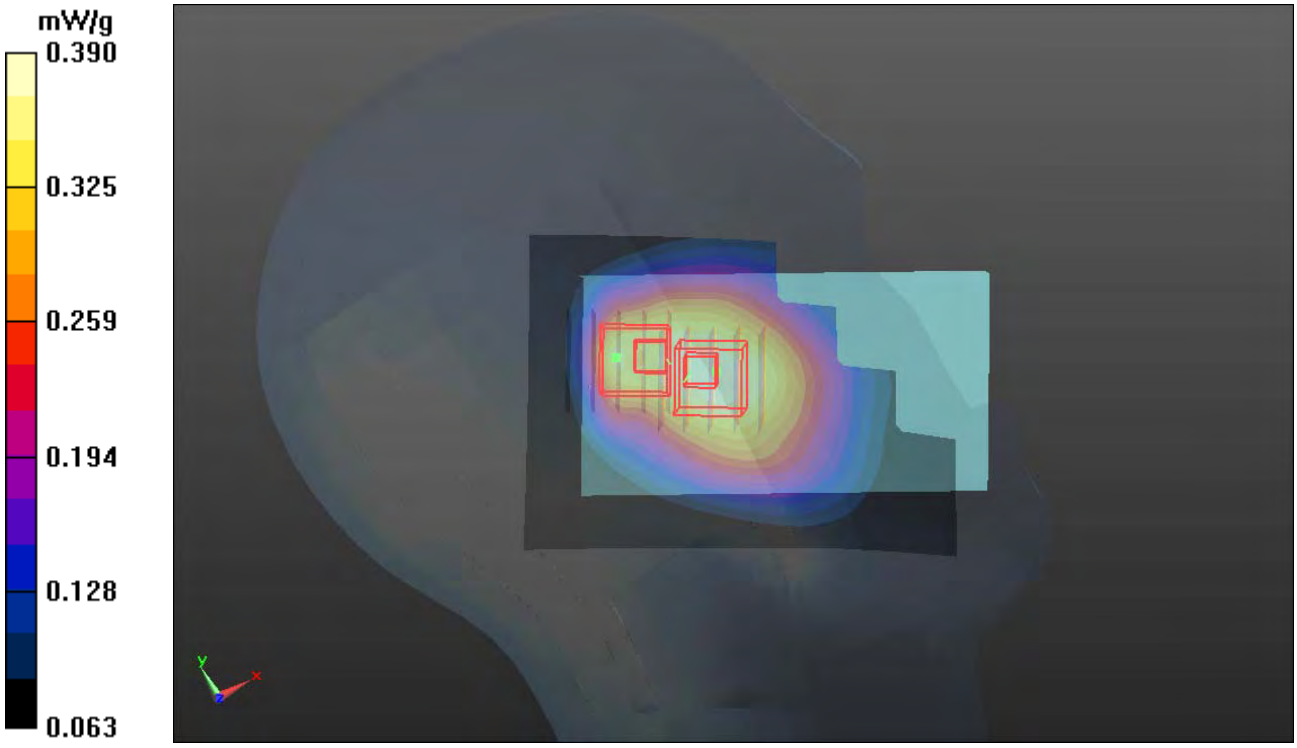
Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium: H835_0407 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.238; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY5 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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.384 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.805 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.4200
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.390 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.805 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.3900
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.361 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/07

P05 GSM850_GPRS10_Right Cheek_Ch128_Sample1

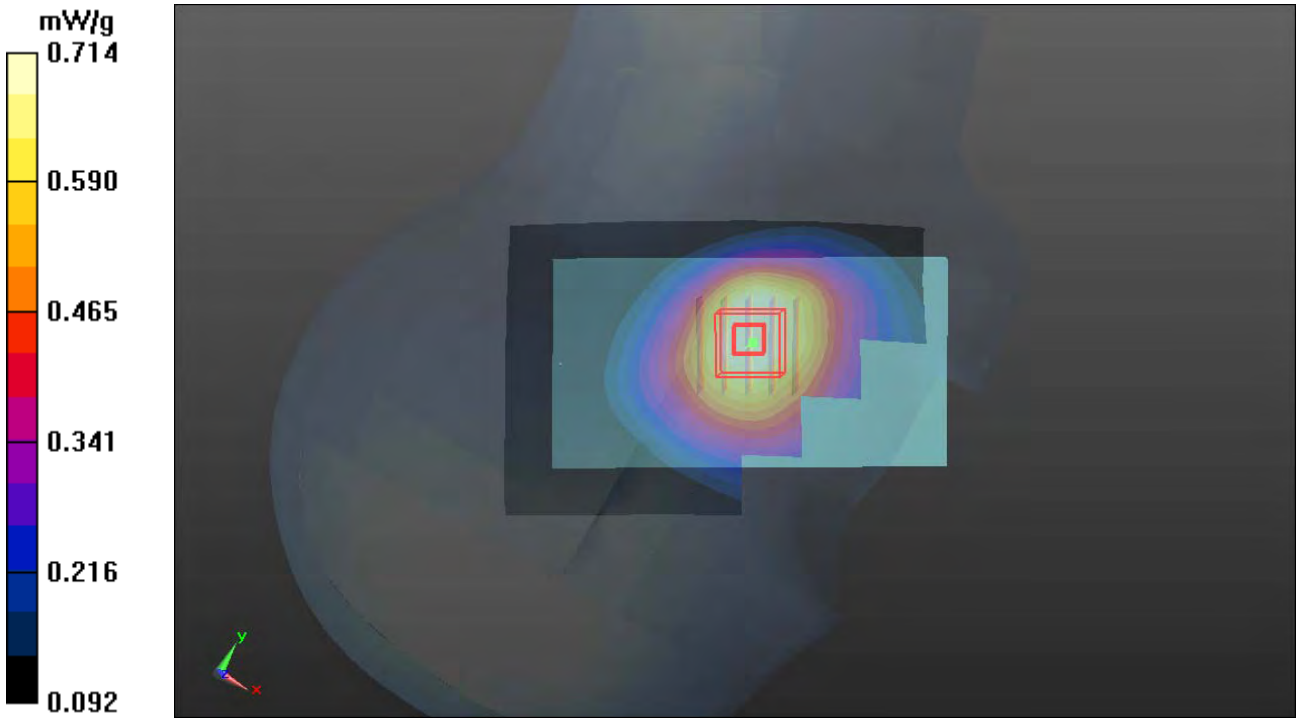
DUT: 120402C01

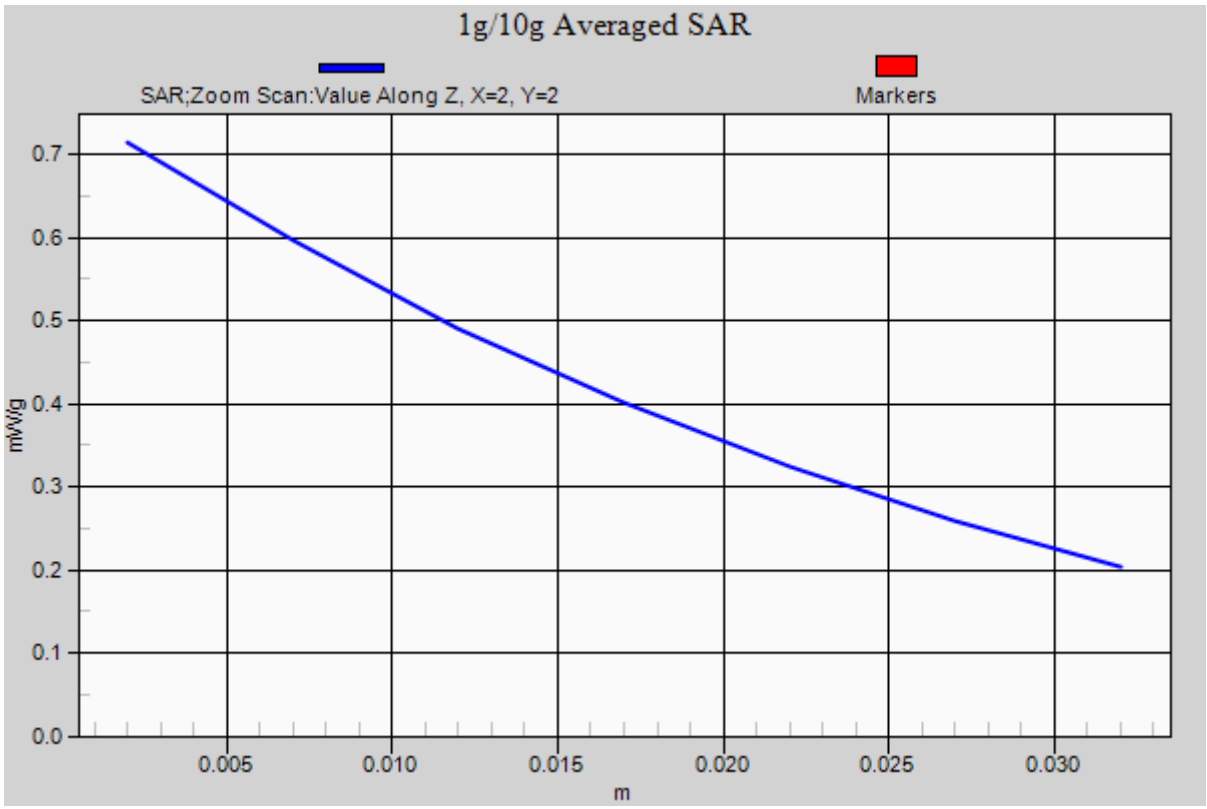
Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: H835_0407 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.238; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：21.2 ℃

DASY5 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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.757 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.922 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.7760
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 0.714 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
m

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/20

P61 GSM850_GPRS10_Right Cheek_Ch128_Sample2

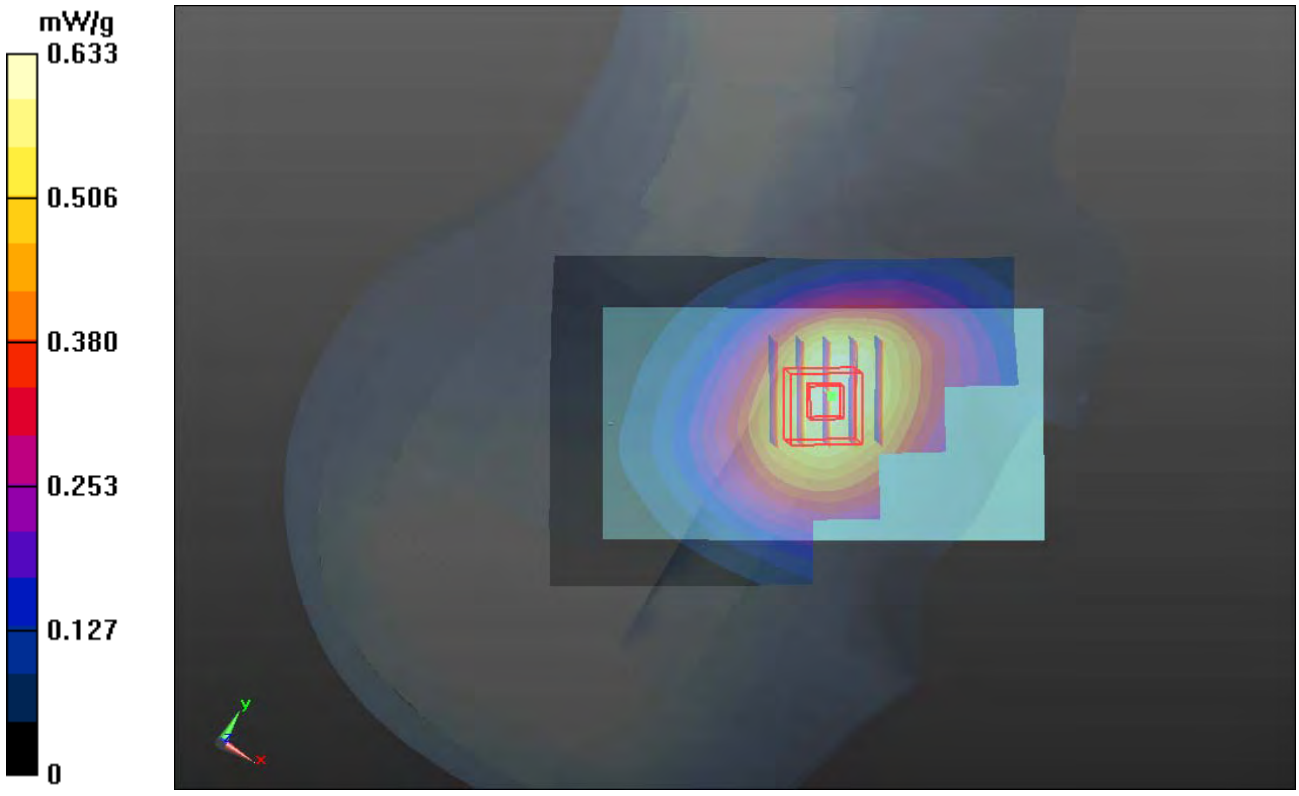
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: H835_0420 Medium parameters used: f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.209; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 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_Front; Type: SAM; Serial: TP-1485
- 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) = 0.633 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.713 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.971 mW/g
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 0.624 mW/g



P07 GSM1900_Right Cheek_Ch810_Sample1

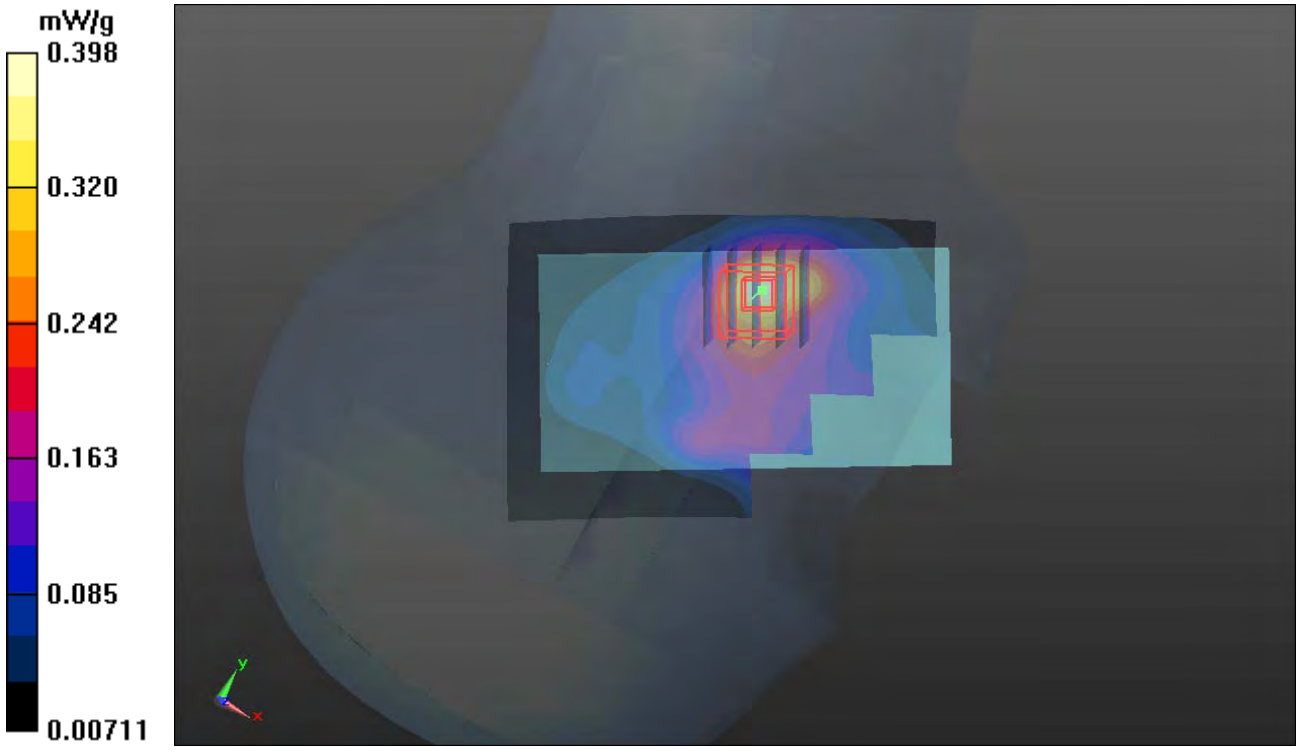
DUT: 120402C01

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0407 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.404 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.601 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.4830
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.398 mW/g



P08 GSM1900_Right Tilted_Ch810_Sample1

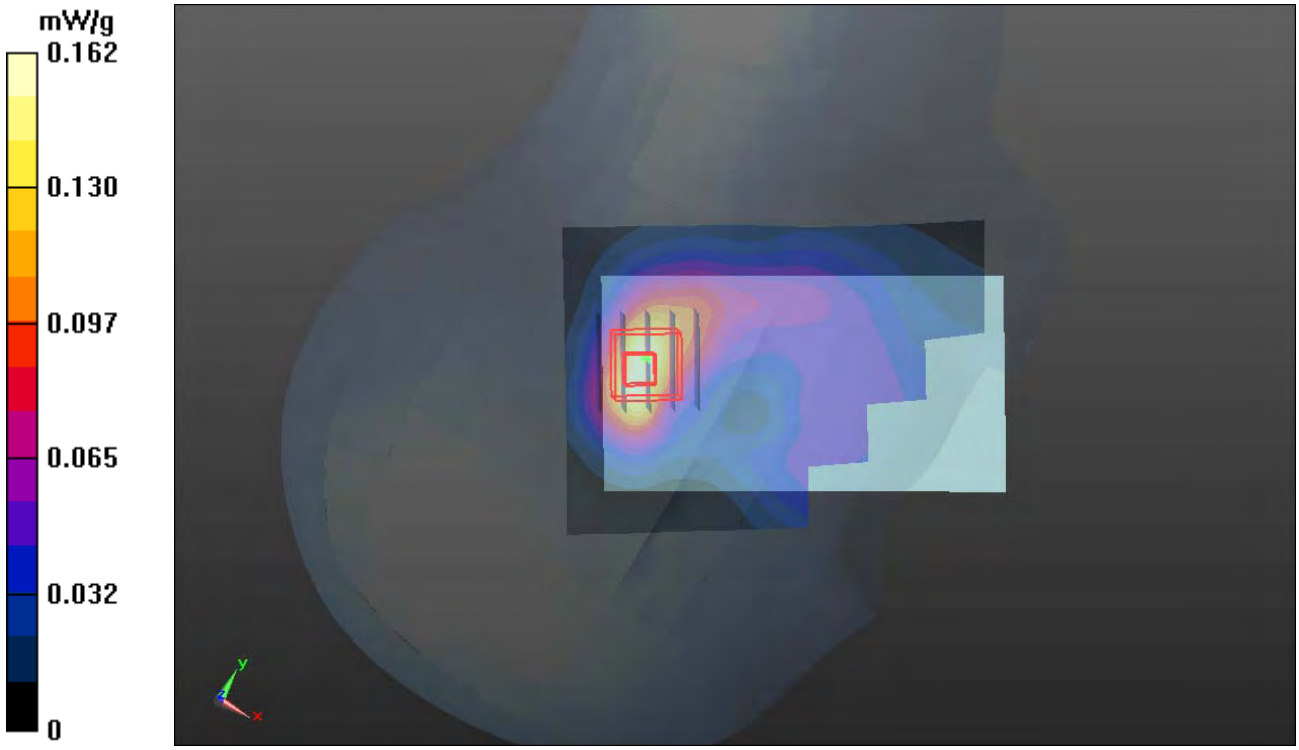
DUT: 120402C01

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0407 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.970 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.1870
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.147 mW/g



P09 GSM1900_Left Cheek_Ch810_Sample1

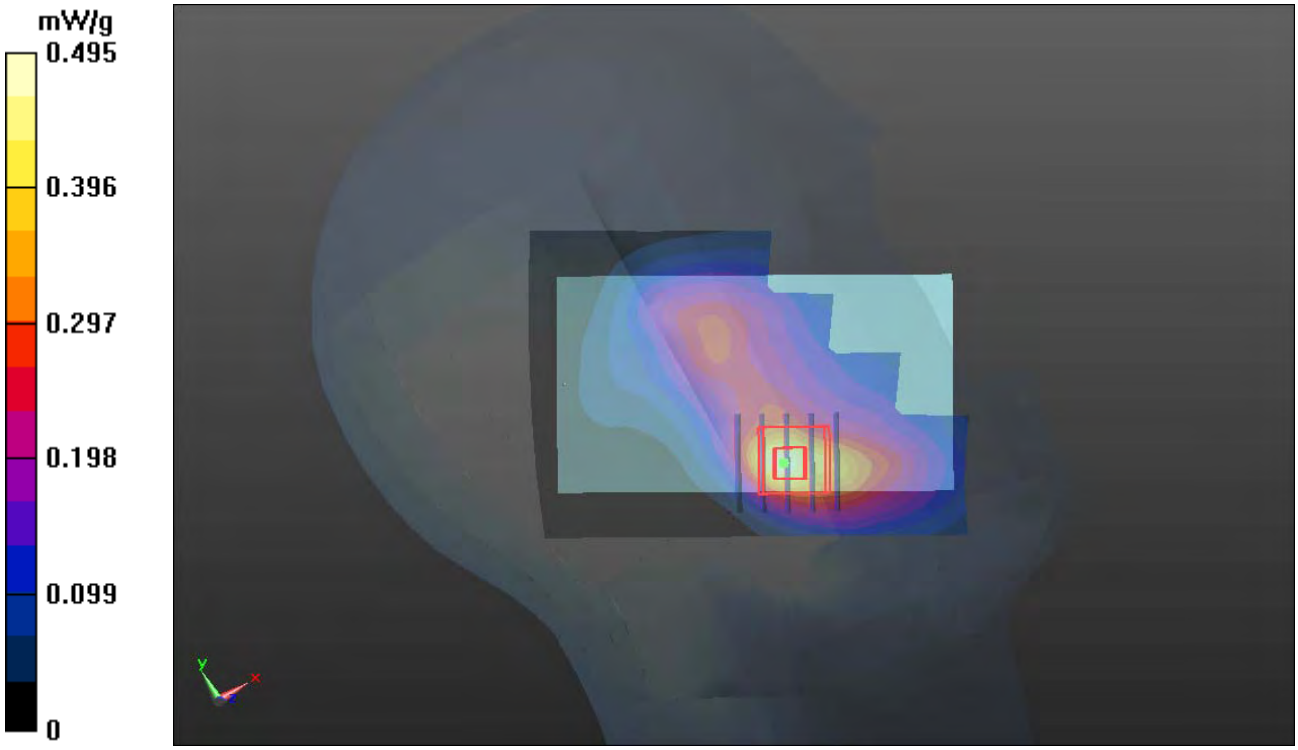
DUT: 120402C01

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0407 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.495 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.213 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.5250
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.430 mW/g



P10 GSM1900_Left Tilted_Ch810_Sample1

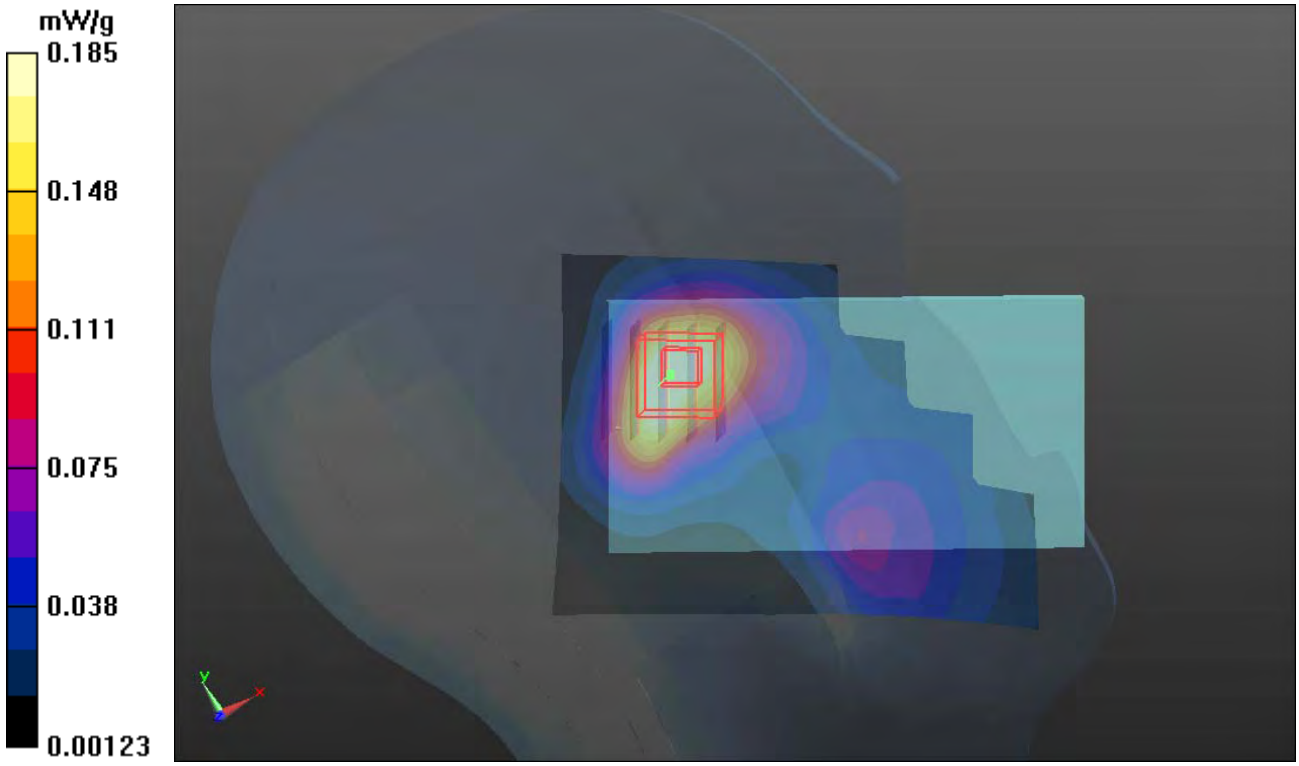
DUT: 120402C01

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0407 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.206 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.564 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.2300
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.185 mW/g



P11 GSM1900_GPRS10_Left Cheek_Ch810_Sample1

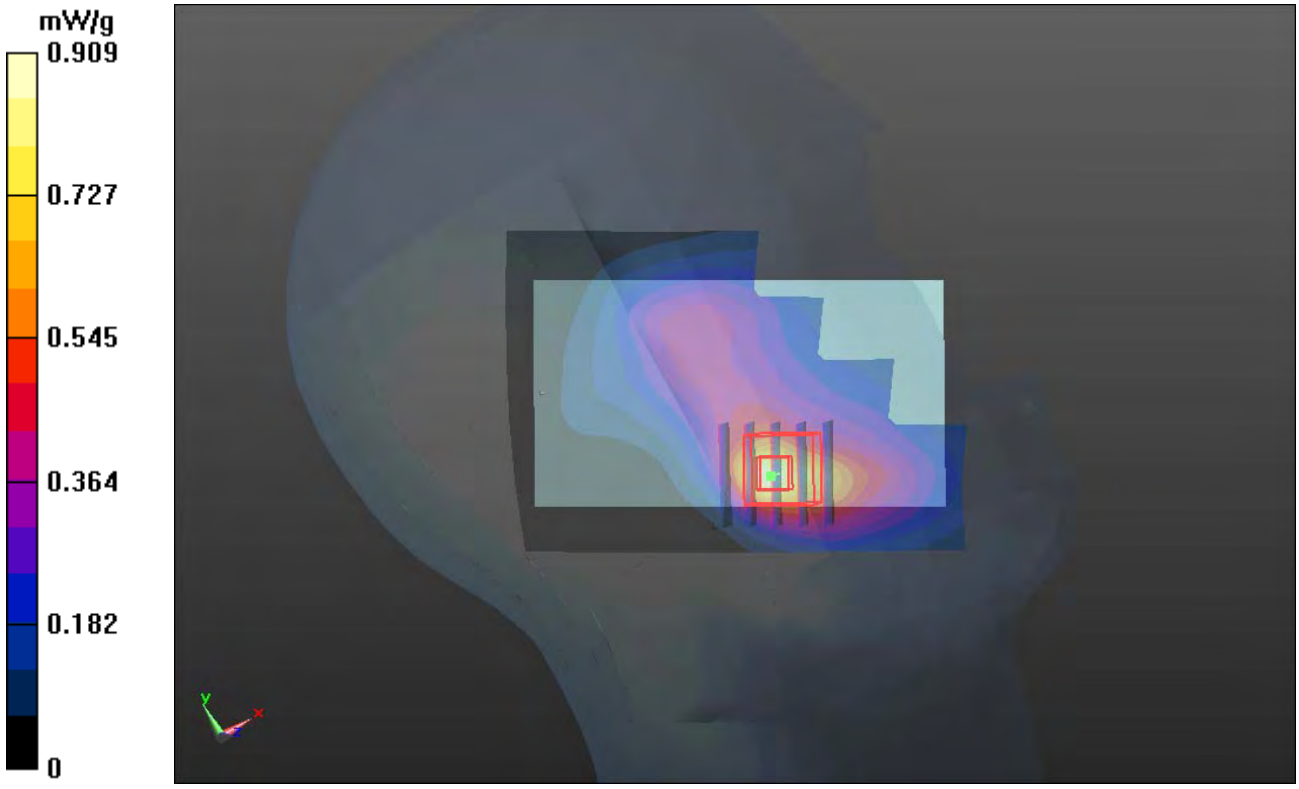
DUT: 120402C01

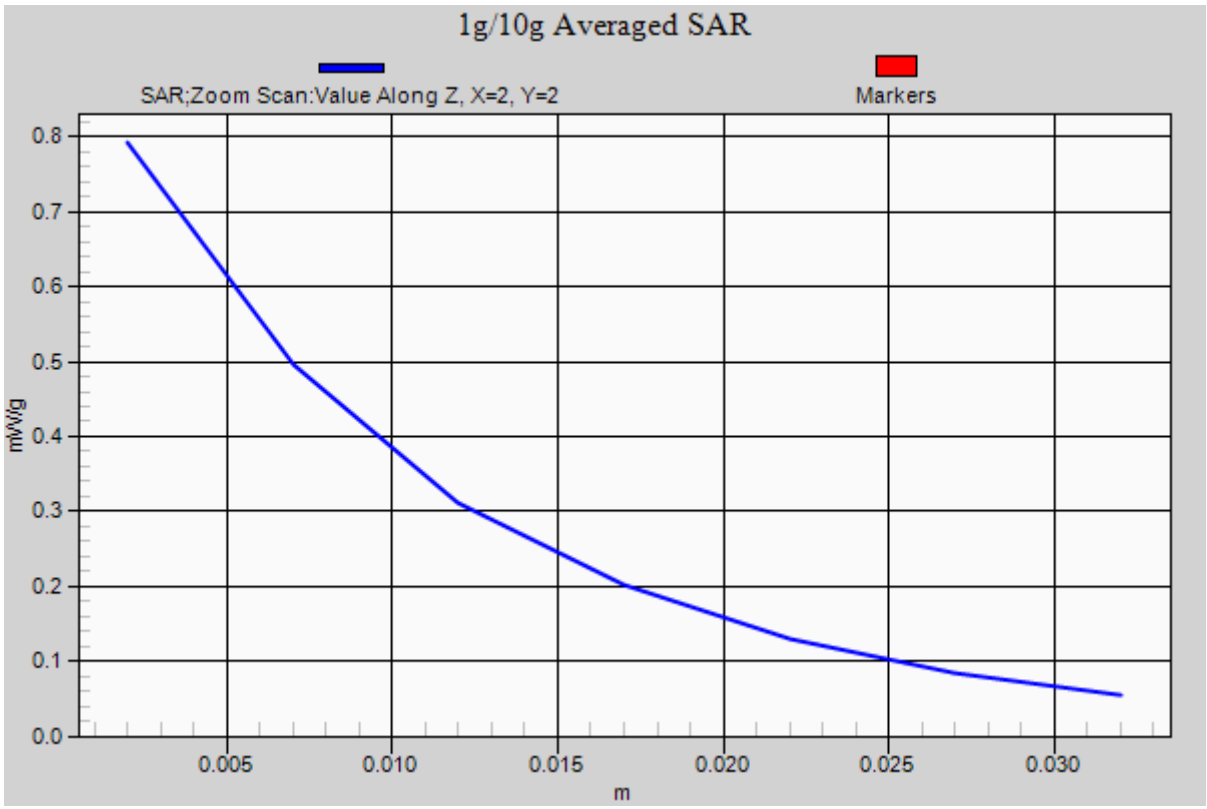
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0407 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.291 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.9710
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.359 mW/g
Maximum value of SAR (measured) = 0.792 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

P62 GSM1900_GPRS10_Left Cheek_Ch810_Sample2

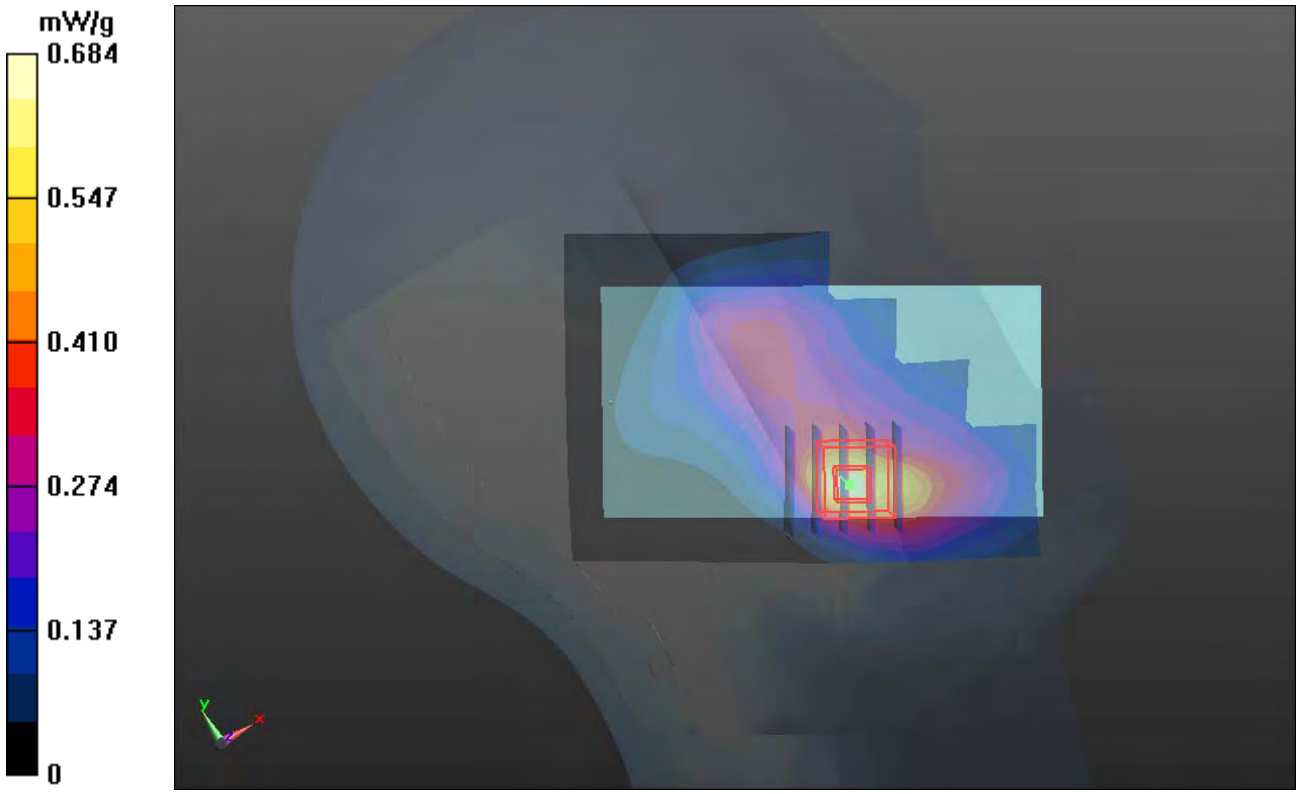
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0420 Medium parameters used: f = 1910 MHz; σ = 1.453 mho/m; ε_r = 40.567; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- 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) = 0.684 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.389 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.719 mW/g
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.588 mW/g



P13 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Sample1

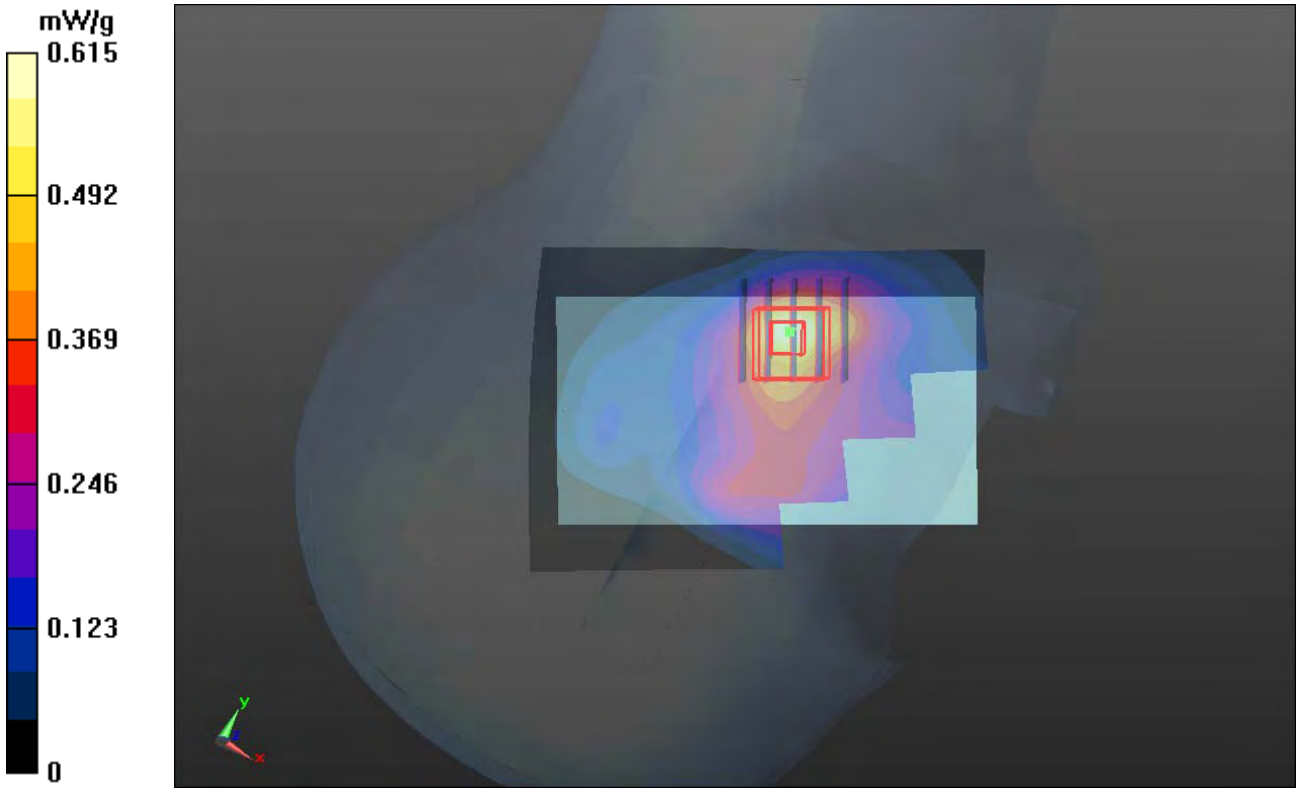
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0407 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.615 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.149 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.6800
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.570 mW/g



P14 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Sample1

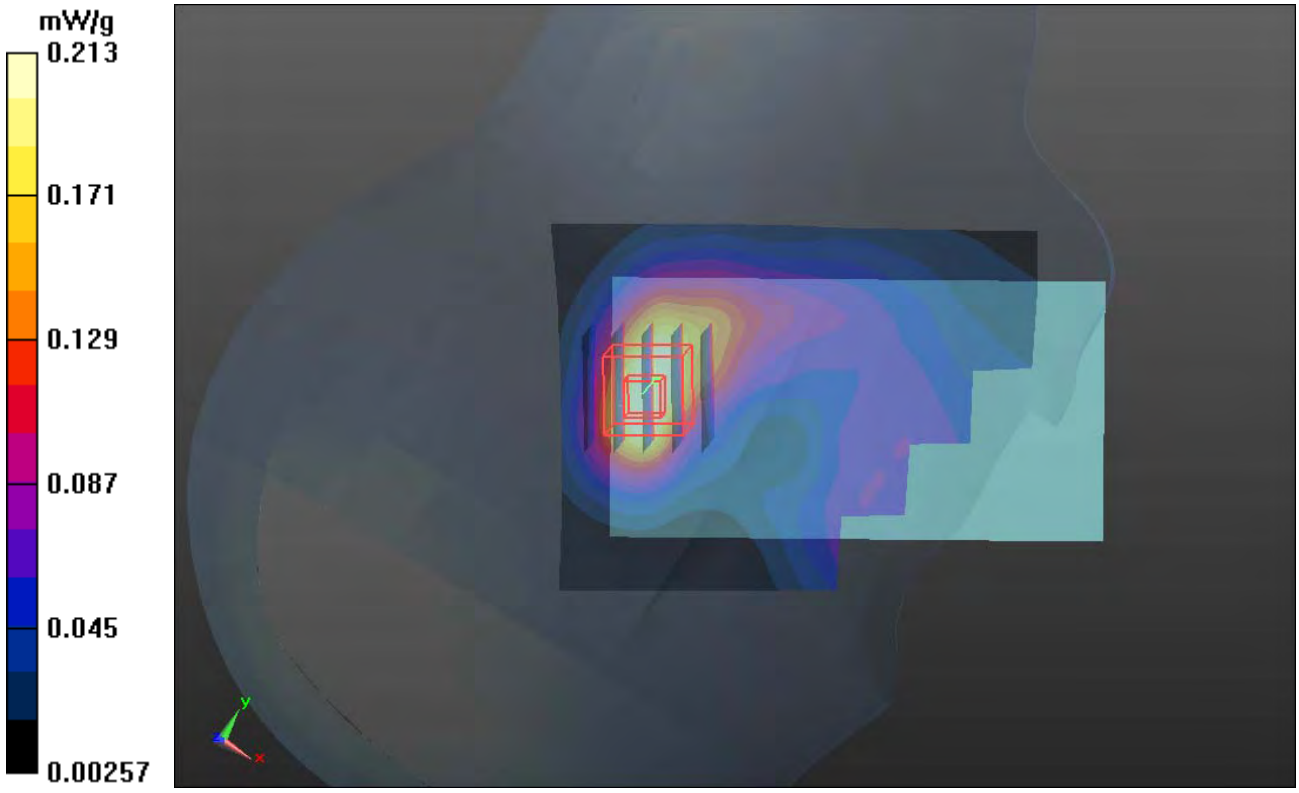
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0407 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.367 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.2720
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.213 mW/g



P15 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Sample1

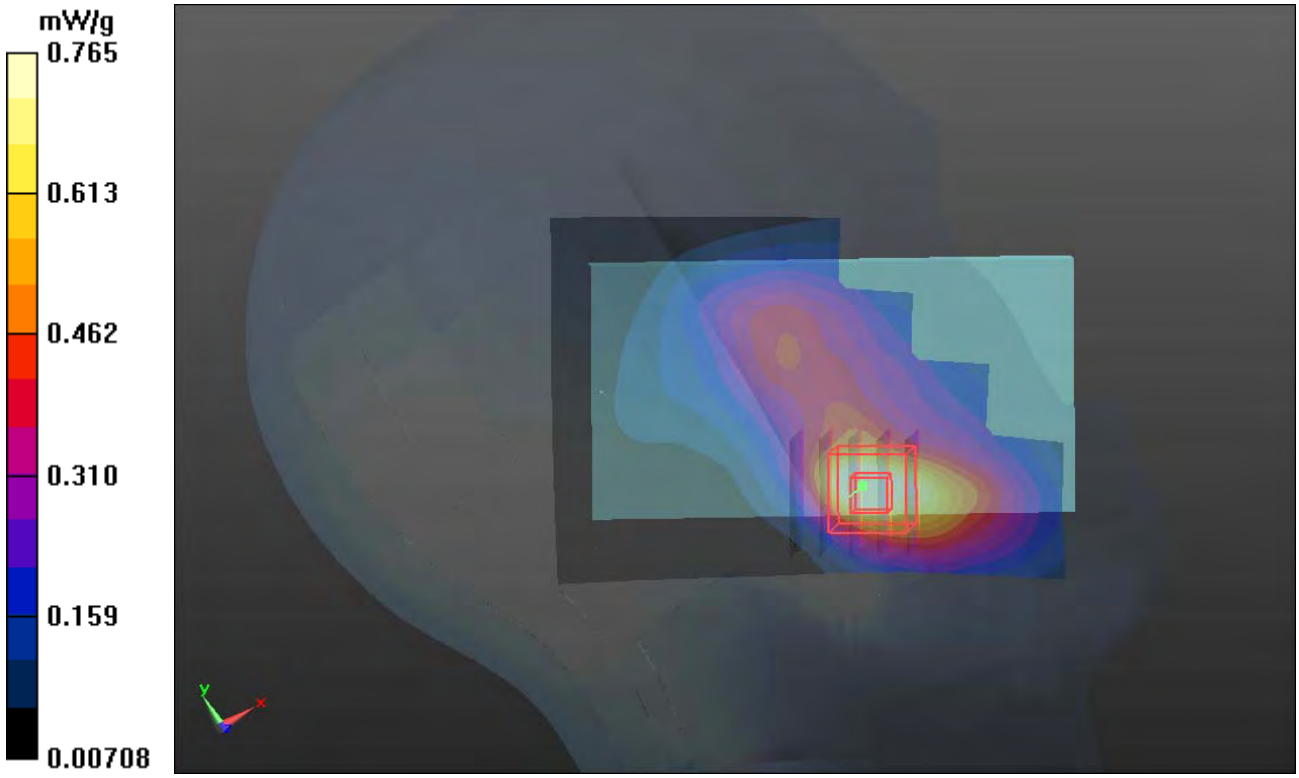
DUT: 120402C01

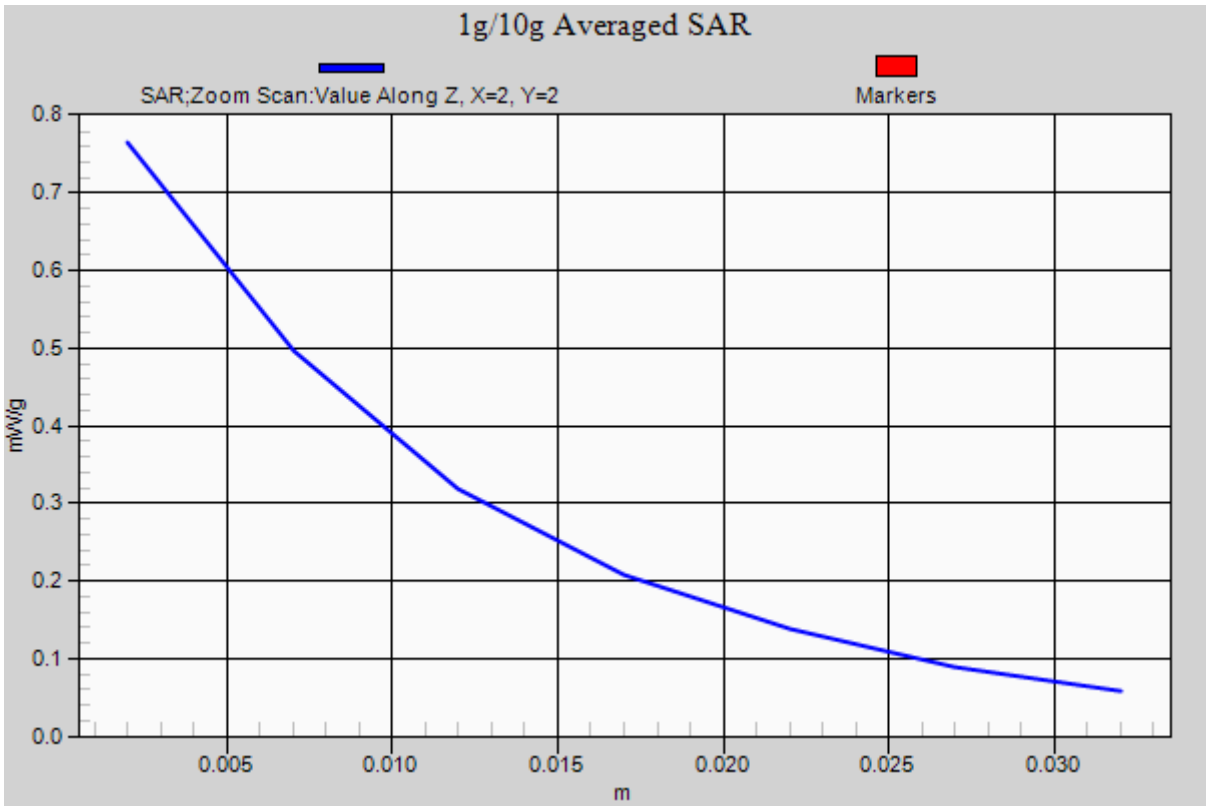
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0407 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.890 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.280 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 0.9510
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.356 mW/g
Maximum value of SAR (measured) = 0.765 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

P16 WCDMA II_RMC12.2K_Left Tilted_Ch9400_Sample1

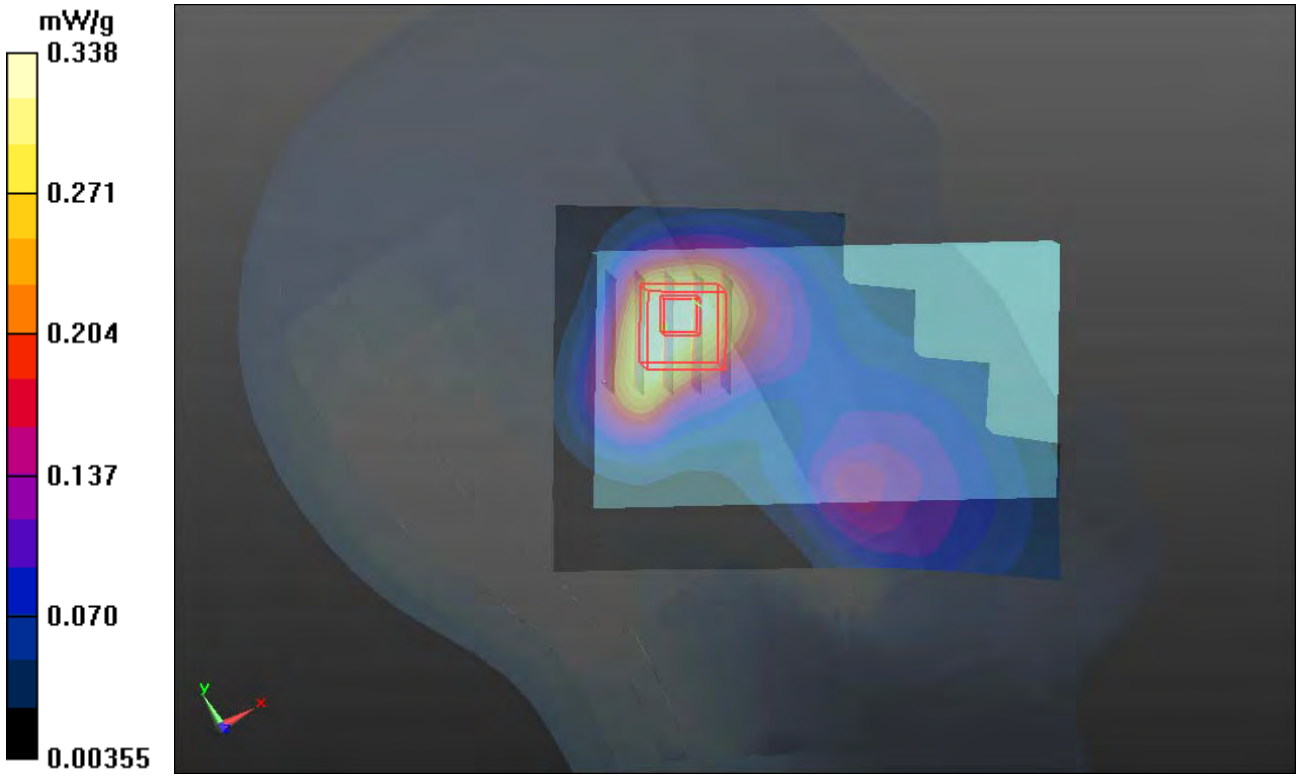
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0407 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.377 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.715 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.4190
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.338 mW/g



P63 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Sample2

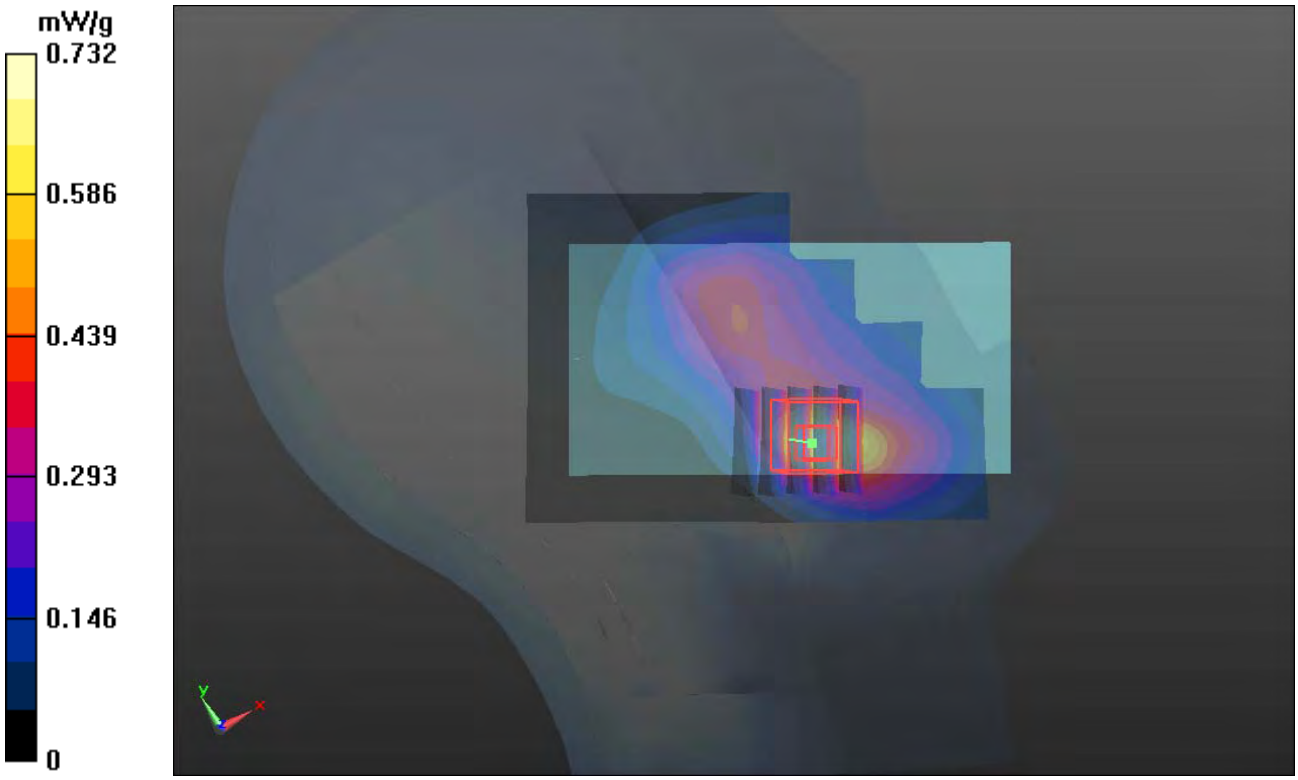
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0420 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r = 40.68; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.732 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.584 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.746 mW/g
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.610 mW/g



P301 802.11b_Right Cheek_Ch6_Sample1

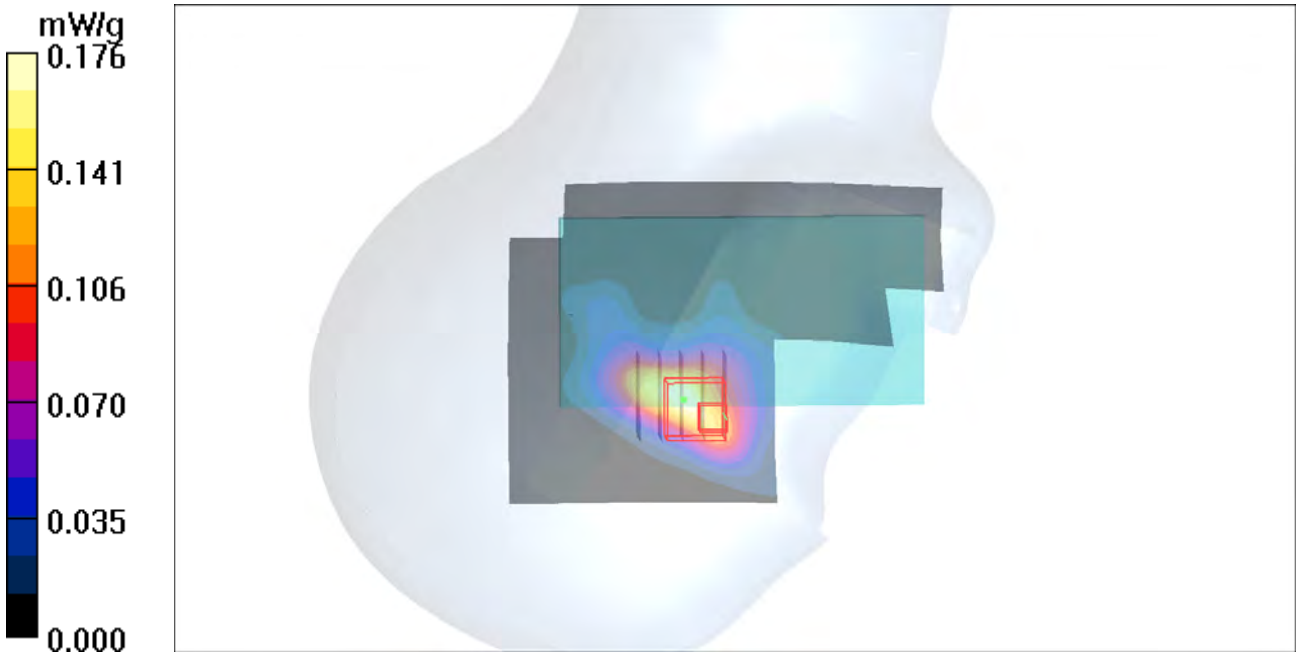
DUT: 120402C01

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.8 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.8, 6.8, 6.8); 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

Ch6/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.19 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



P302 802.11b_Right Tilted_Ch6_Sample1

DUT: 120402C01

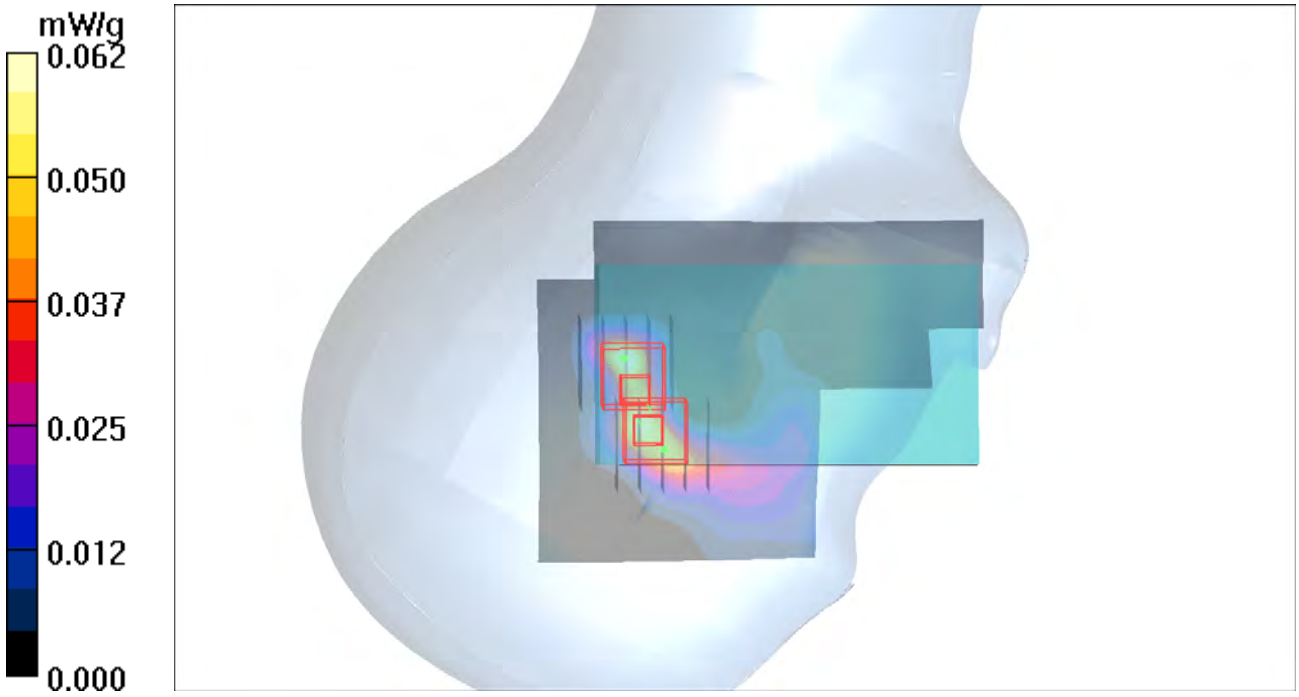
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.8 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.8, 6.8, 6.8); 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

Ch6/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.83 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.054 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.83 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 0.056 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



P303 802.11b_Left Cheek_Ch6_Sample1

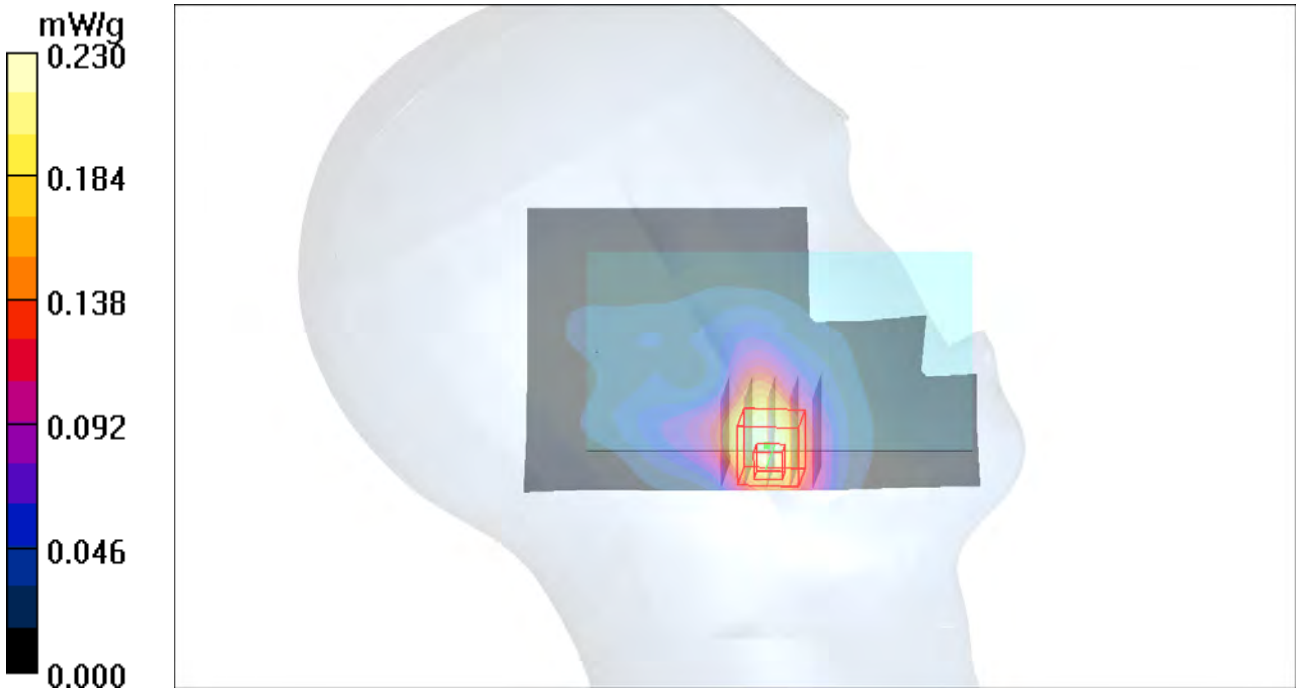
DUT: 120402C01

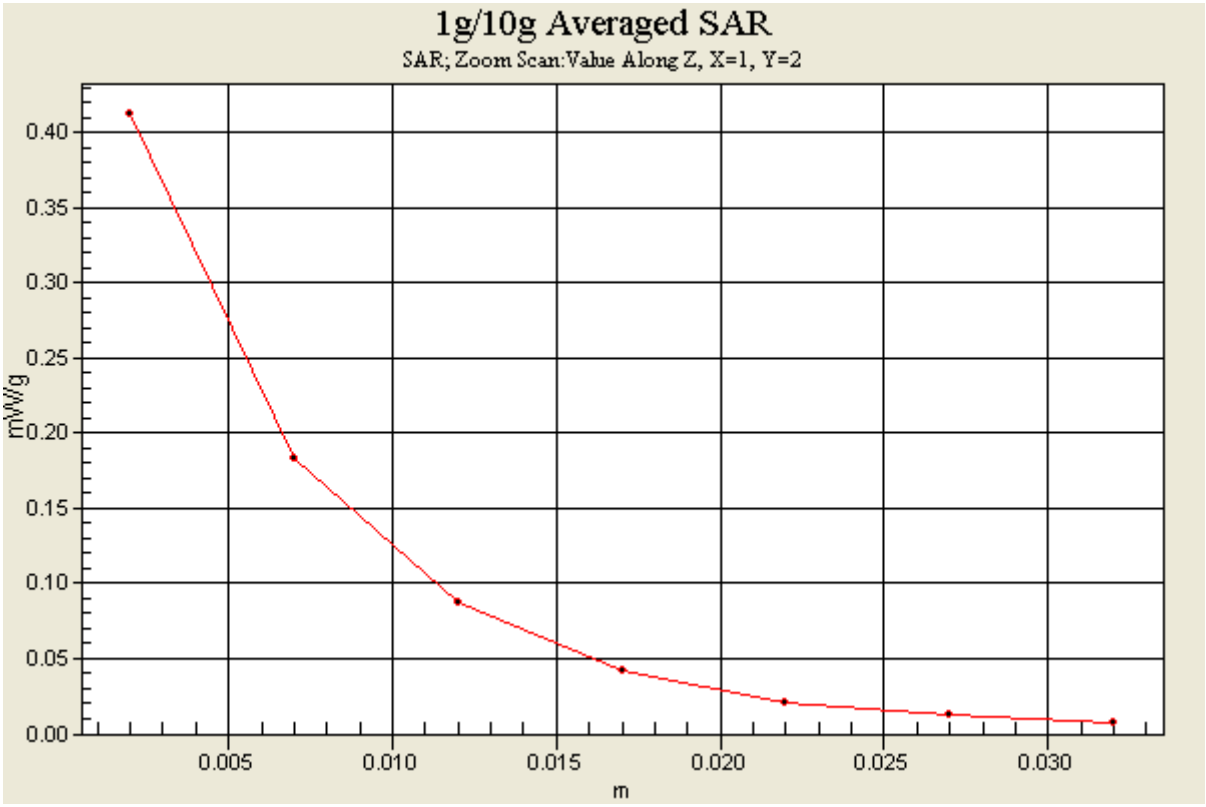
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.8 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.8, 6.8, 6.8); 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

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.23 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.413 mW/g




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

P304 802.11b_Left Tilted_Ch6_Sample1

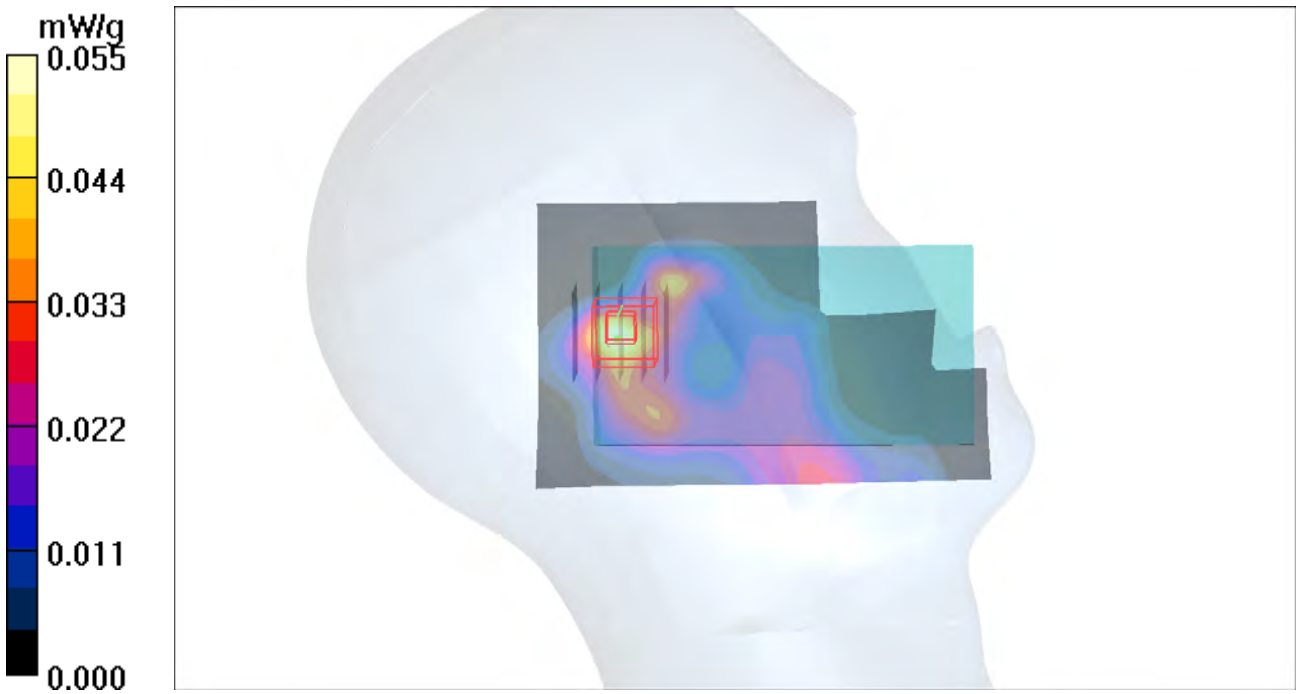
DUT: 120402C01

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.8 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.8, 6.8, 6.8); 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

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.055 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.72 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.062 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



P365 802.11b_Left Cheek_Ch06_Battery2

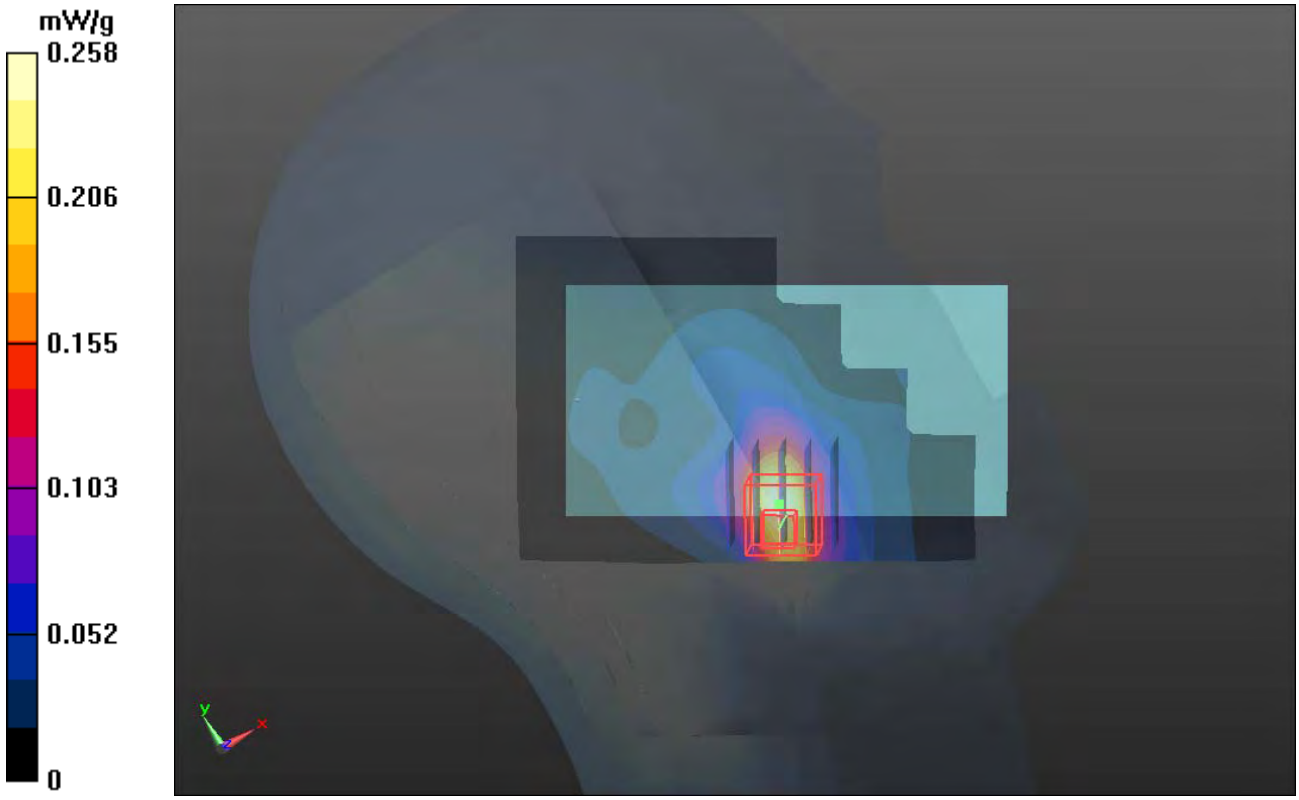
DUT: 120402C01

Communication System: WLAN 2450; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0418 Medium parameters used: f = 2437 MHz; σ = 1.796 mho/m; ε_r = 37.481; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

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 V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch06/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.258 mW/g

Ch06/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.454 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.591 mW/g
SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.408 mW/g



P318 802.11a_Right Cheek_Ch36_Sample1

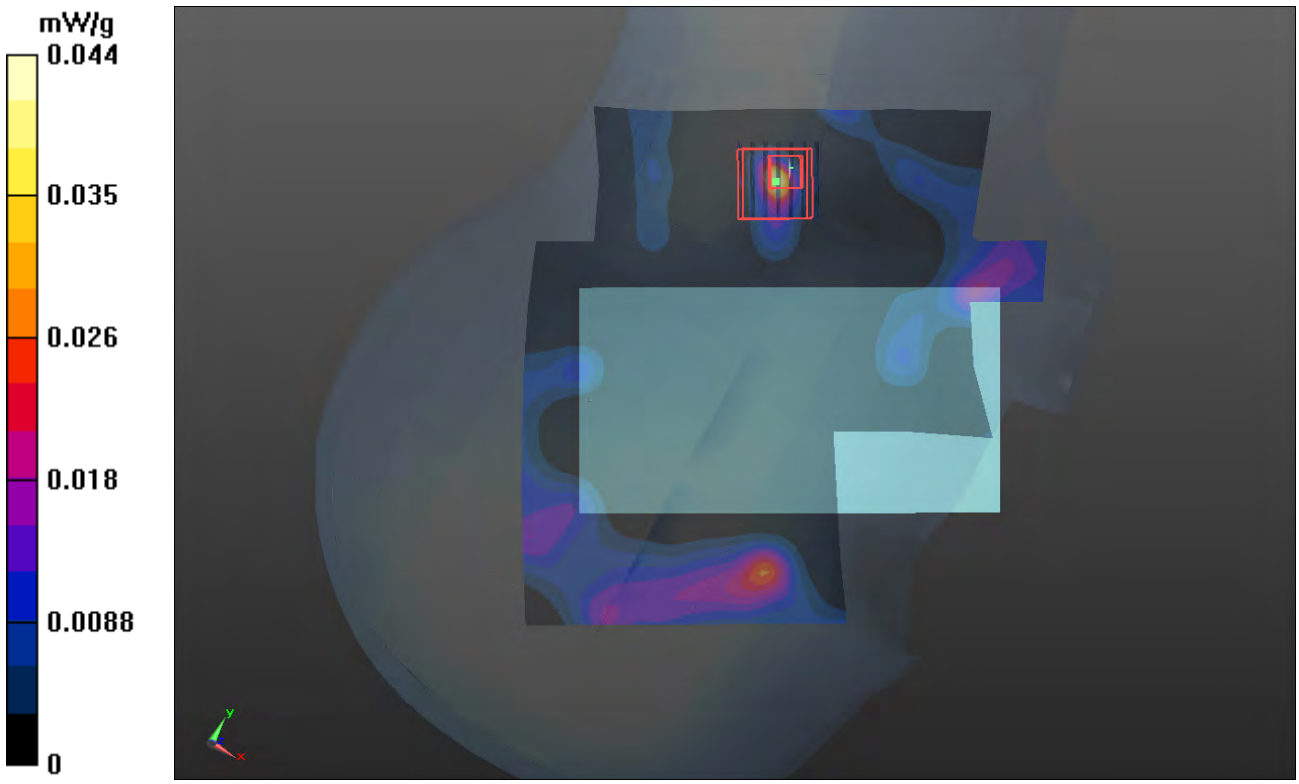
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5180 MHz; σ = 4.514 mho/m; ε_r = 36.859; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (161x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.044 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.476 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.2170
SAR(1 g) = 0.00581 mW/g; SAR(10 g) = 0.00142 mW/g
Maximum value of SAR (measured) = 0.119 mW/g



P319 802.11a_Right Tilted_Ch36_Sample1

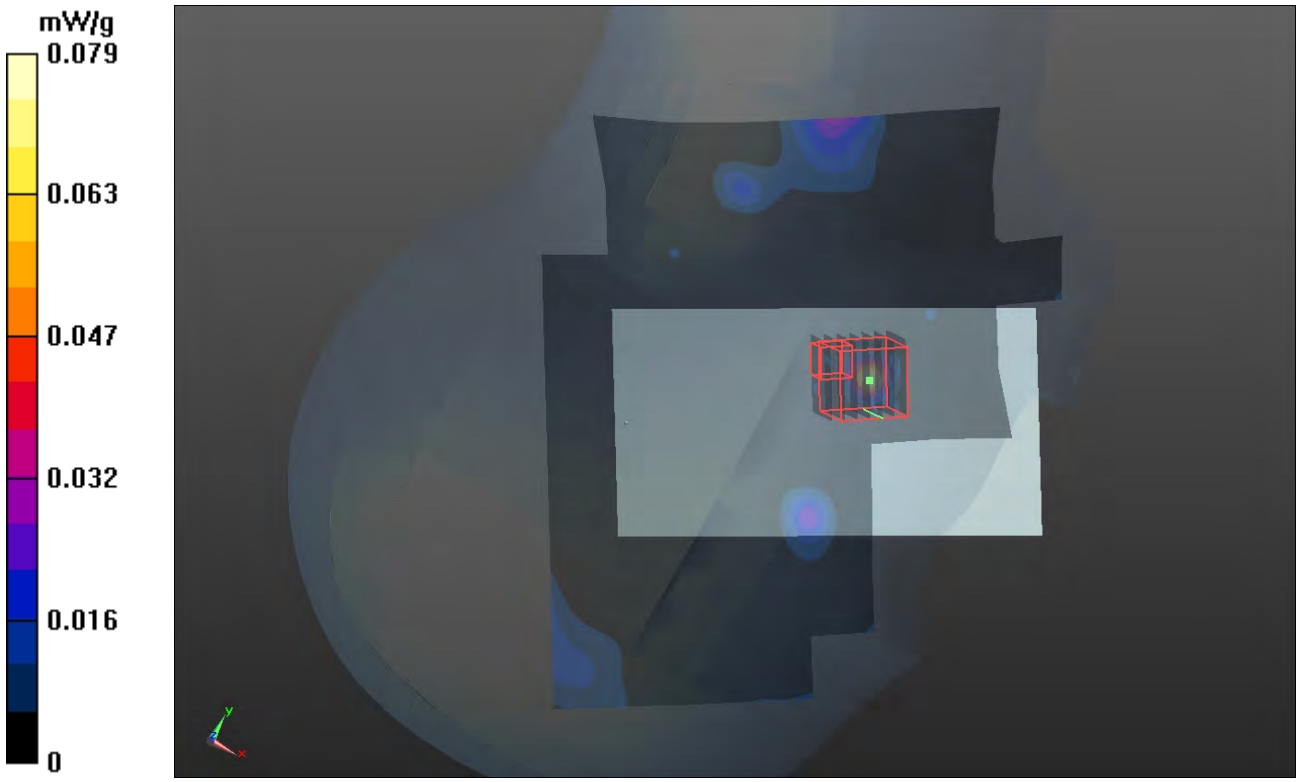
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5180 MHz; σ = 4.514 mho/m; ε_r = 36.859; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (181x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.079 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.0230
SAR(1 g) = 0.00106 mW/g; SAR(10 g) = 0.000482 mW/g
Maximum value of SAR (measured) = 0.012 mW/g



P320 802.11a_Left Cheek_Ch36_Sample1

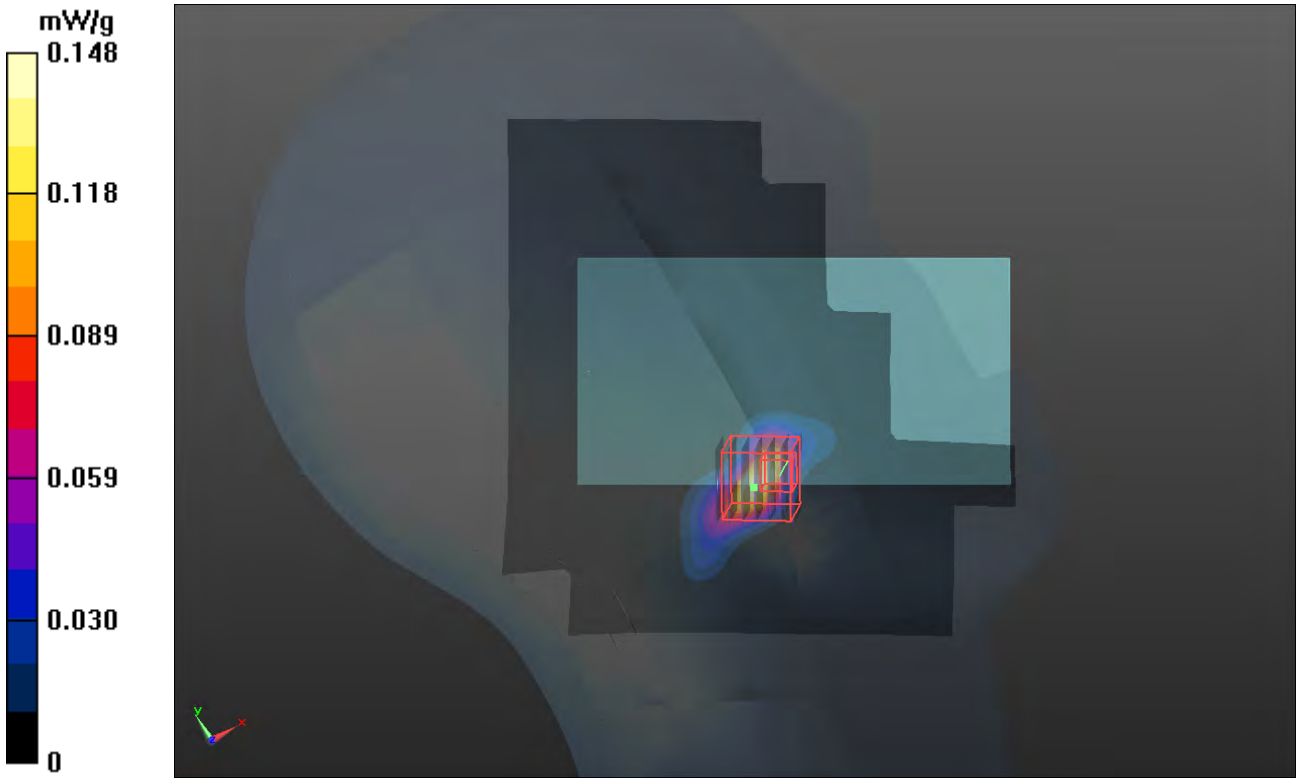
DUT: 120402C01

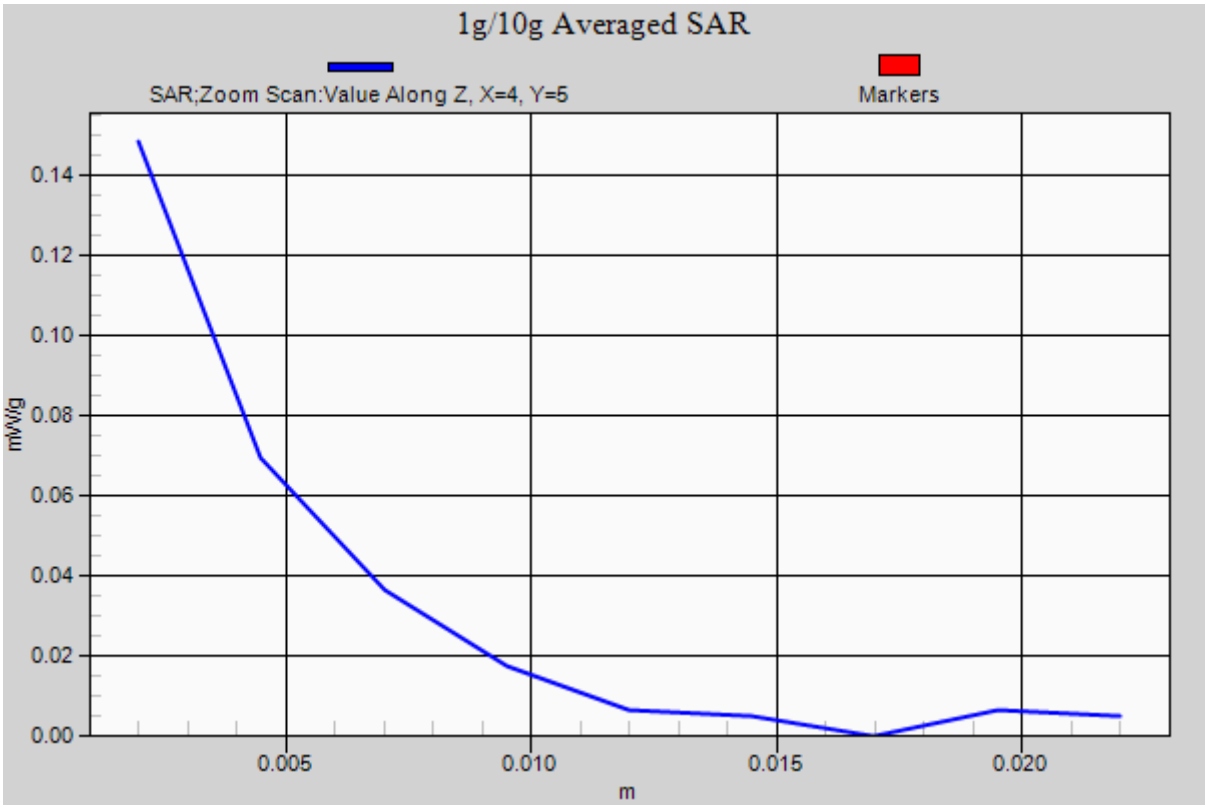
Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5180 MHz; σ = 4.514 mho/m; ε_r = 36.859; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (161x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.148 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0 dB
Peak SAR (extrapolated) = 0.2480
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.148 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=5
Markers
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
m

P321 802.11a_Left Tilted_Ch36_Sample1

DUT: 120402C01

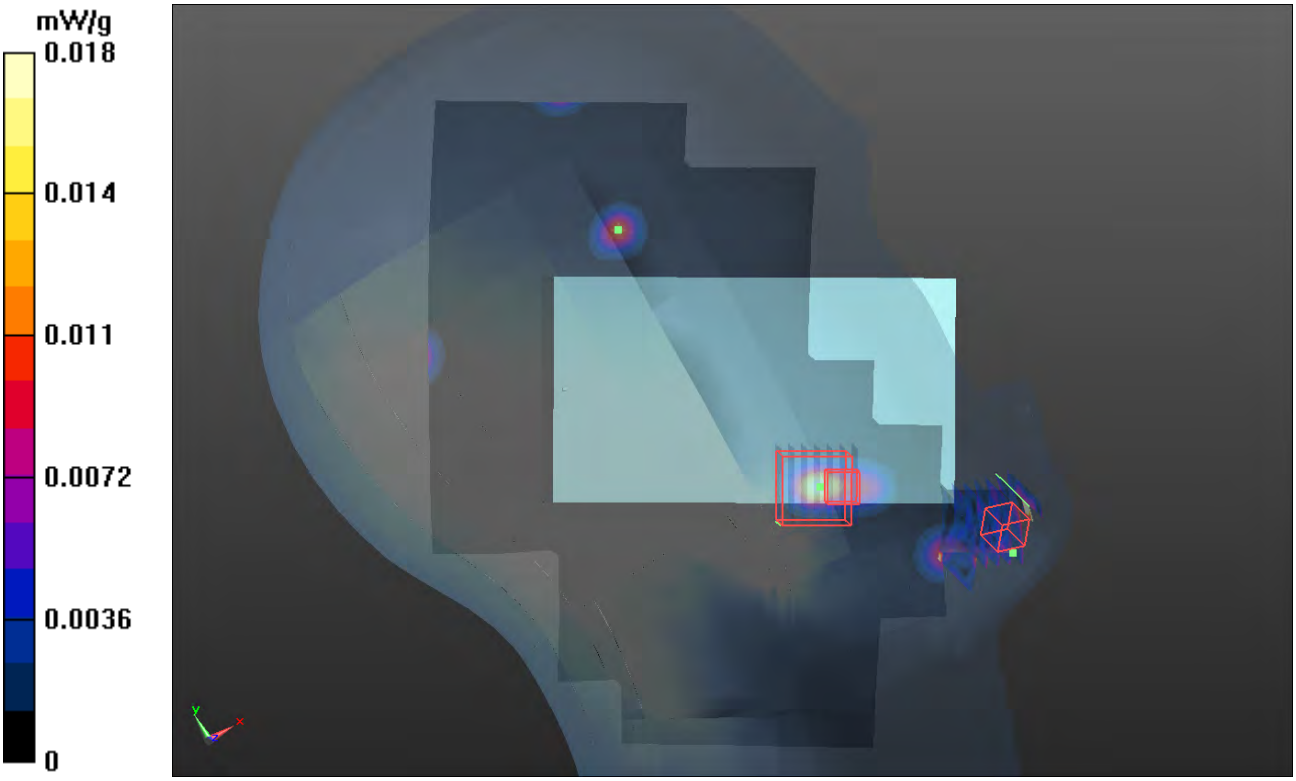
Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5180 MHz; σ = 4.514 mho/m; ε_r = 36.859; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (201x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.018 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0400
SAR(1 g) = 0.00405 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.054 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.3650
SAR(1 g) = 0.0034 mW/g; SAR(10 g) = 0.00104 mW/g
Maximum value of SAR (measured) = 0.017 mW/g



P369 802.11a_Left Cheek_Ch36_Battery2

DUT: 120402C01

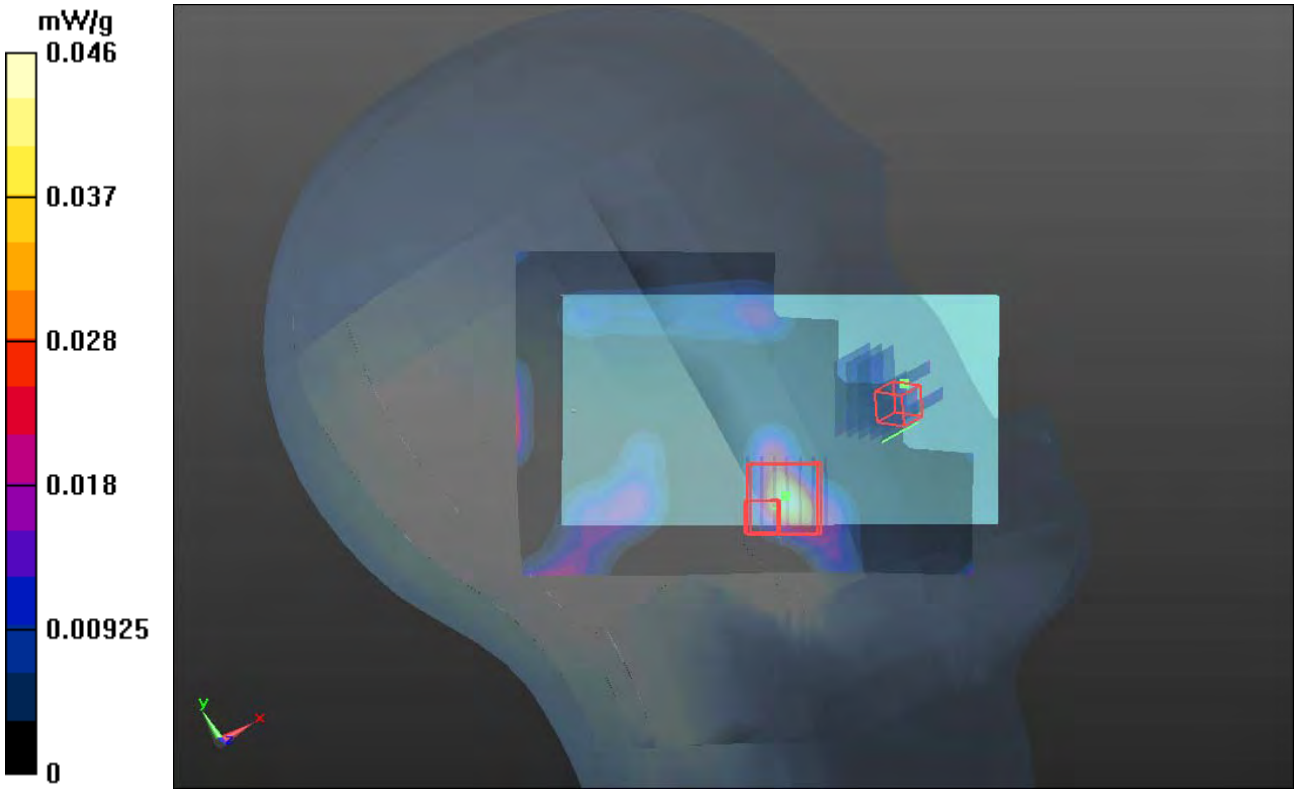
Communication System: WLAN 5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: H5G_0418 Medium parameters used: f = 5180 MHz; σ = 4.621 mho/m; ε_r = 36.166; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); 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)

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0462 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.755 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.187 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00562 mW/g
Maximum value of SAR (measured) = 0.0420 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.755 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.103 mW/g
SAR(1 g) = 0.00593 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0301 mW/g



P323 802.11a_Right Cheek_Ch64_Sample1

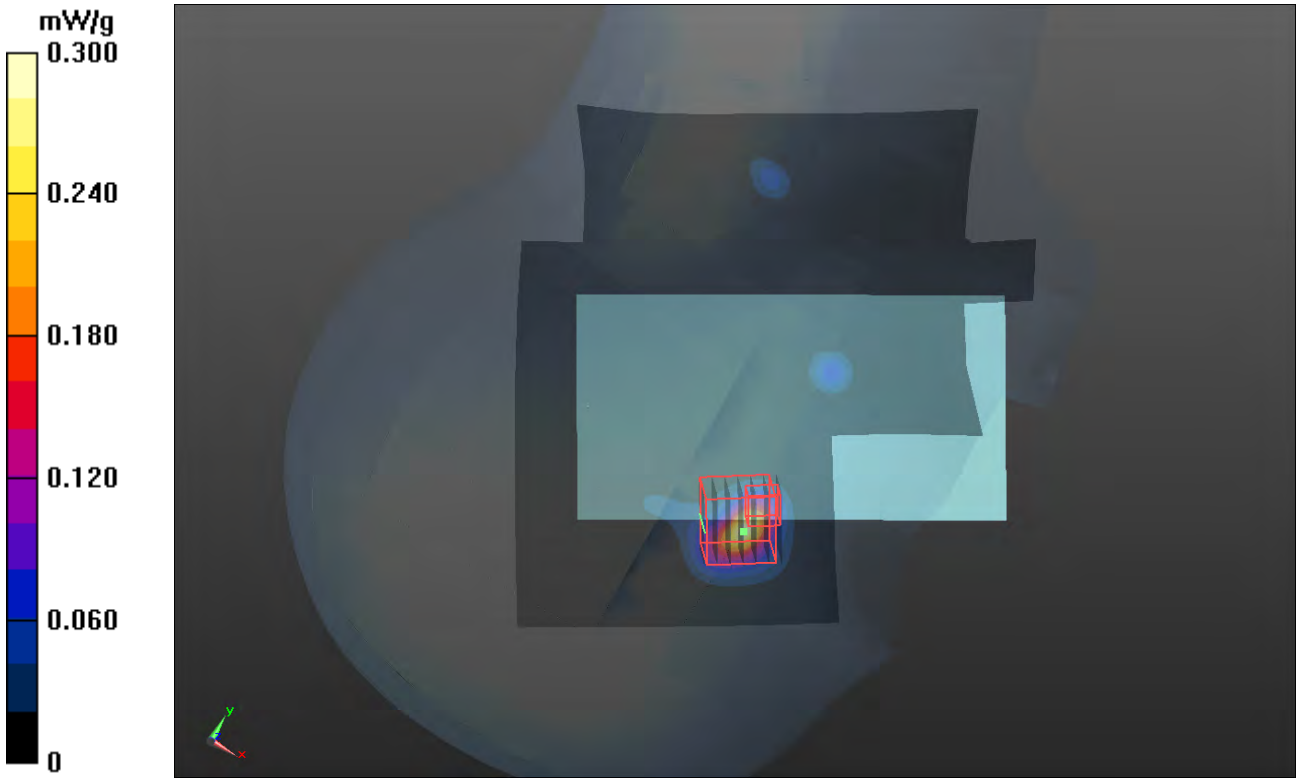
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5320 MHz; σ = 4.675 mho/m; ε_r = 36.655; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (161x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.300 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.128 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.2180
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.148 mW/g



P324 802.11a_Right Tilted_Ch64_Sample1

DUT: 120402C01

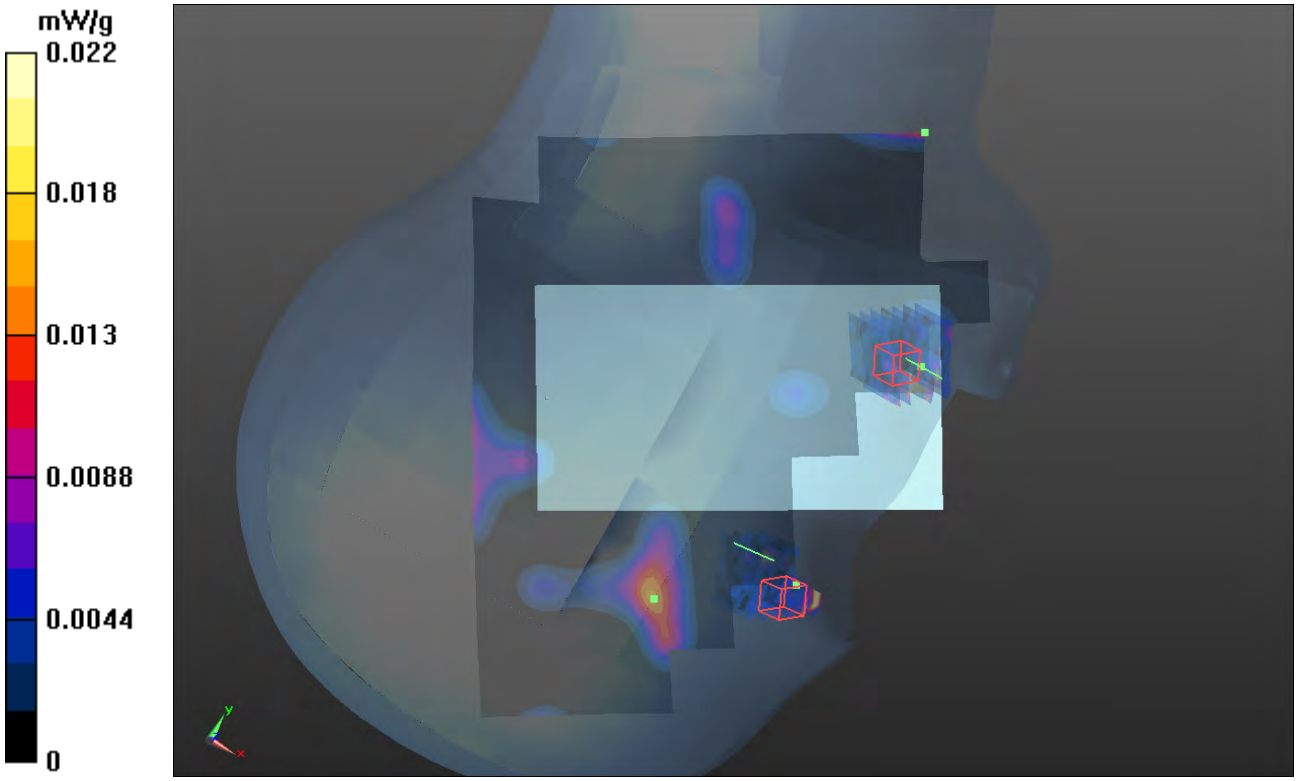
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5320 MHz; σ = 4.675 mho/m; ε_r = 36.655; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (181x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.022 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.0540
SAR(1 g) = 0.00593 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.029 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.0310
SAR(1 g) = 0.000184 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.020 mW/g



P325 802.11a_Left Cheek_Ch64_Sample1

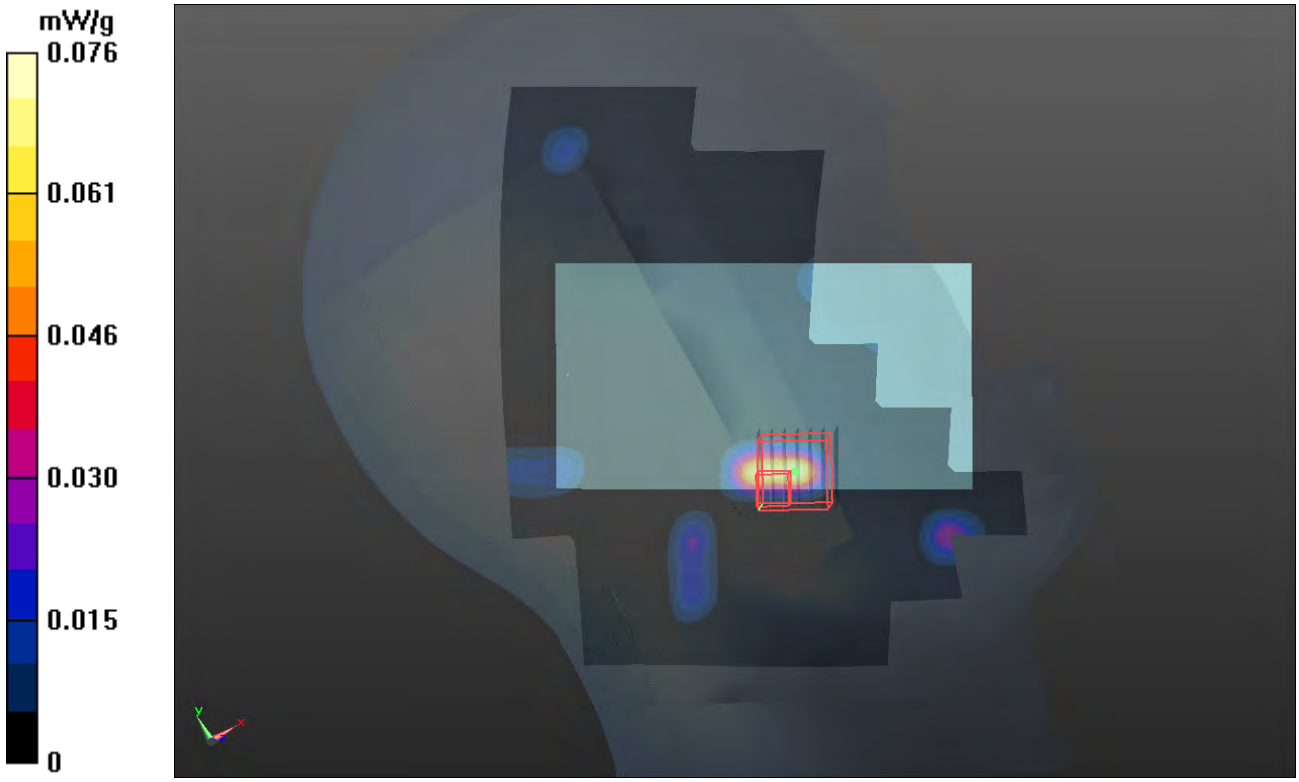
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5320 MHz; σ = 4.675 mho/m; ε_r = 36.655; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (181x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.076 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.556 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.2370
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.237 mW/g



P326 802.11a_Left Tilted_Ch64_Sample1

DUT: 120402C01

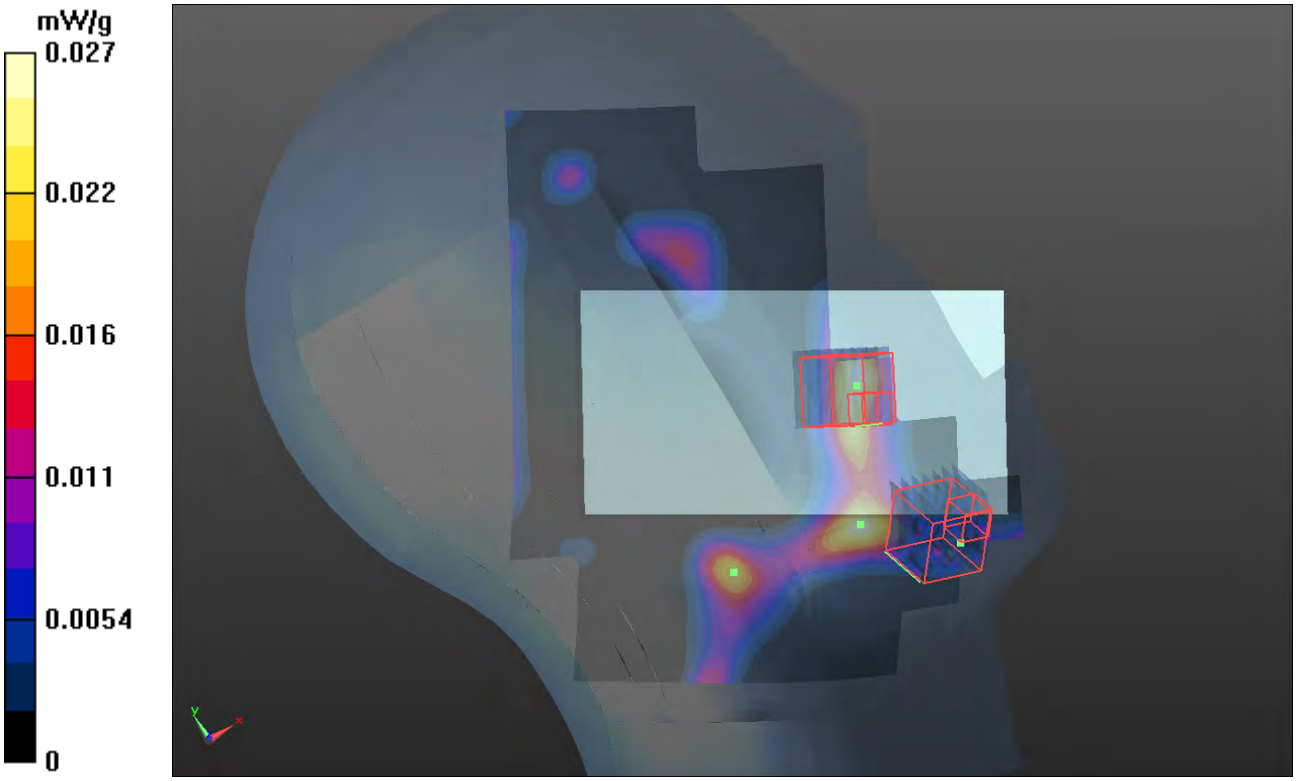
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5320 MHz; σ = 4.675 mho/m; ε_r = 36.655; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch64/Area Scan (181x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0620
SAR(1 g) = 0.00366 mW/g; SAR(10 g) = 0.00117 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0660
SAR(1 g) = 0.00358 mW/g; SAR(10 g) = 0.00139 mW/g
Maximum value of SAR (measured) = 0.025 mW/g



P370 802.11a_Left Cheek_Ch64_Battery2

DUT: 120402C01

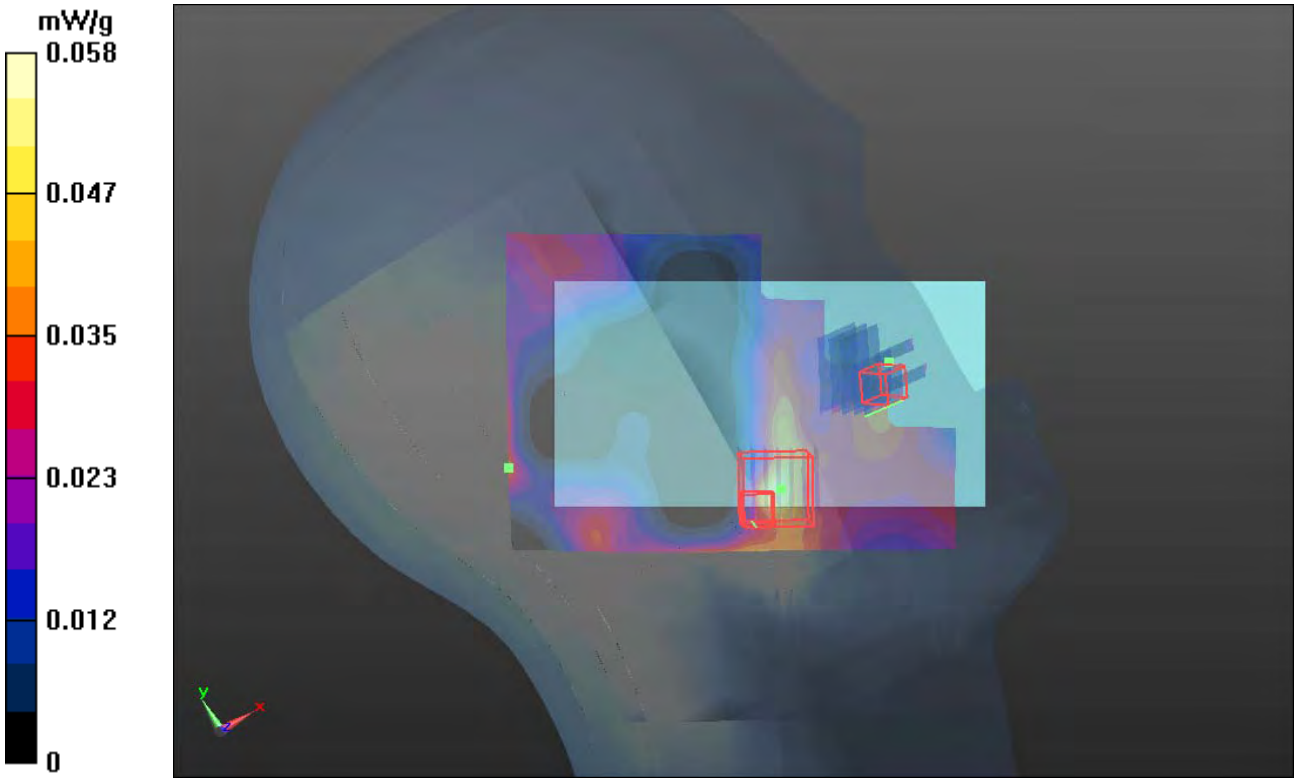
Communication System: WLAN 5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0418 Medium parameters used: f = 5320 MHz; σ = 4.787 mho/m; ε_r = 35.947; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); 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)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0584 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.105 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.131 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.0654 mW/g

Configuration/Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.105 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.107 mW/g
SAR(1 g) = 0.0048 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0466 mW/g



P328 802.11a_Right Cheek_Ch140_Sample1

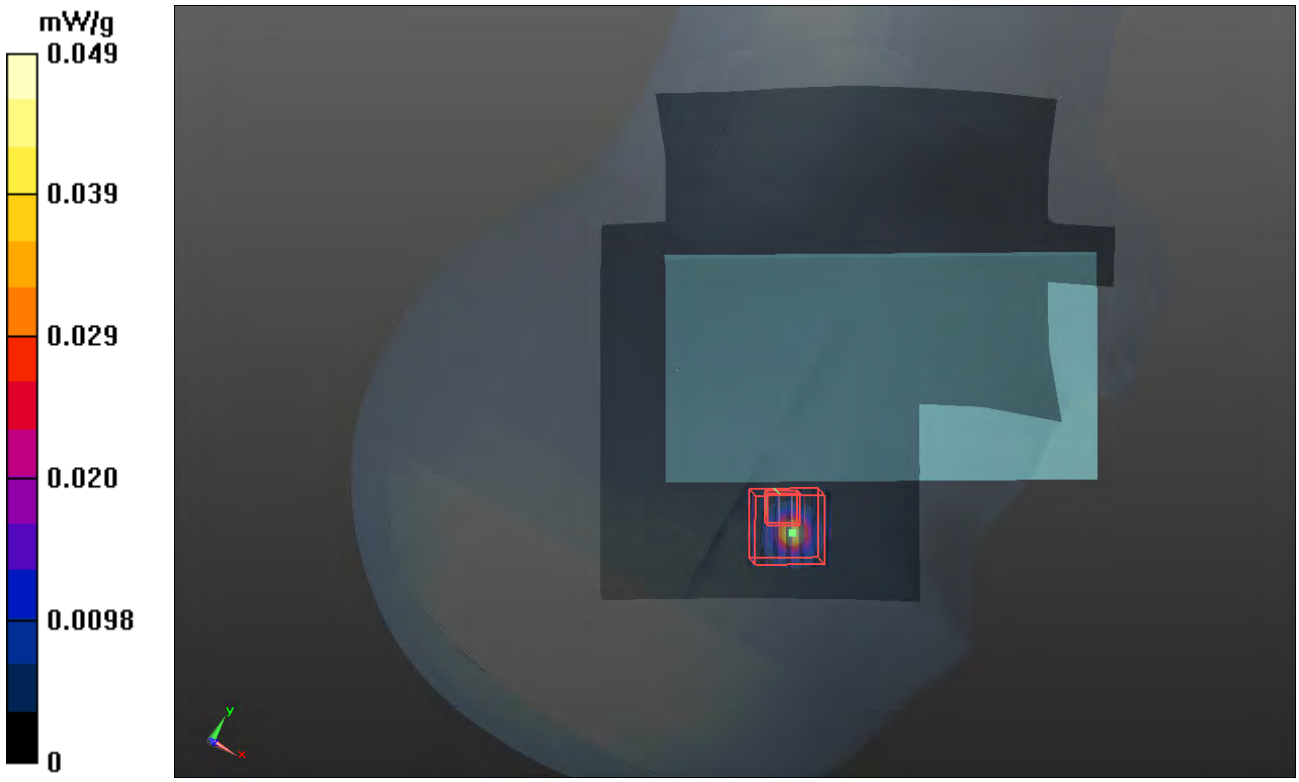
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5700 MHz; σ = 5.097 mho/m; ε_r = 35.946; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (161x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.049 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.633 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.1750
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.00788 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



P329 802.11a_Right Tilted_Ch140_Sample1

DUT: 120402C01

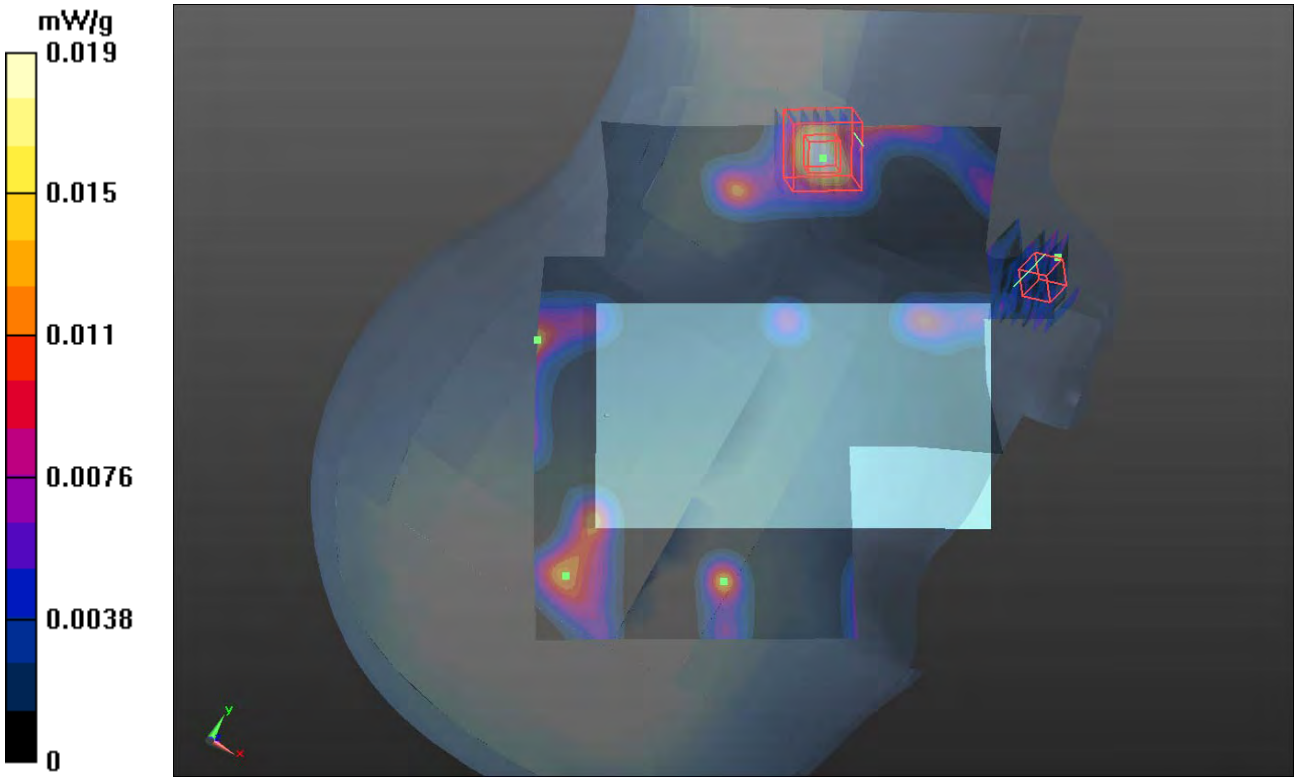
Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5700 MHz; σ = 5.097 mho/m; ε_r = 35.946; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (81x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.019 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.0780
SAR(1 g) = 0.00363 mW/g; SAR(10 g) = 0.00141 mW/g
Maximum value of SAR (measured) = 0.031 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.009050
SAR(1 g) = 2.04e-005 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.011 mW/g



P330 802.11a_Left Cheek_Ch140_Sample1

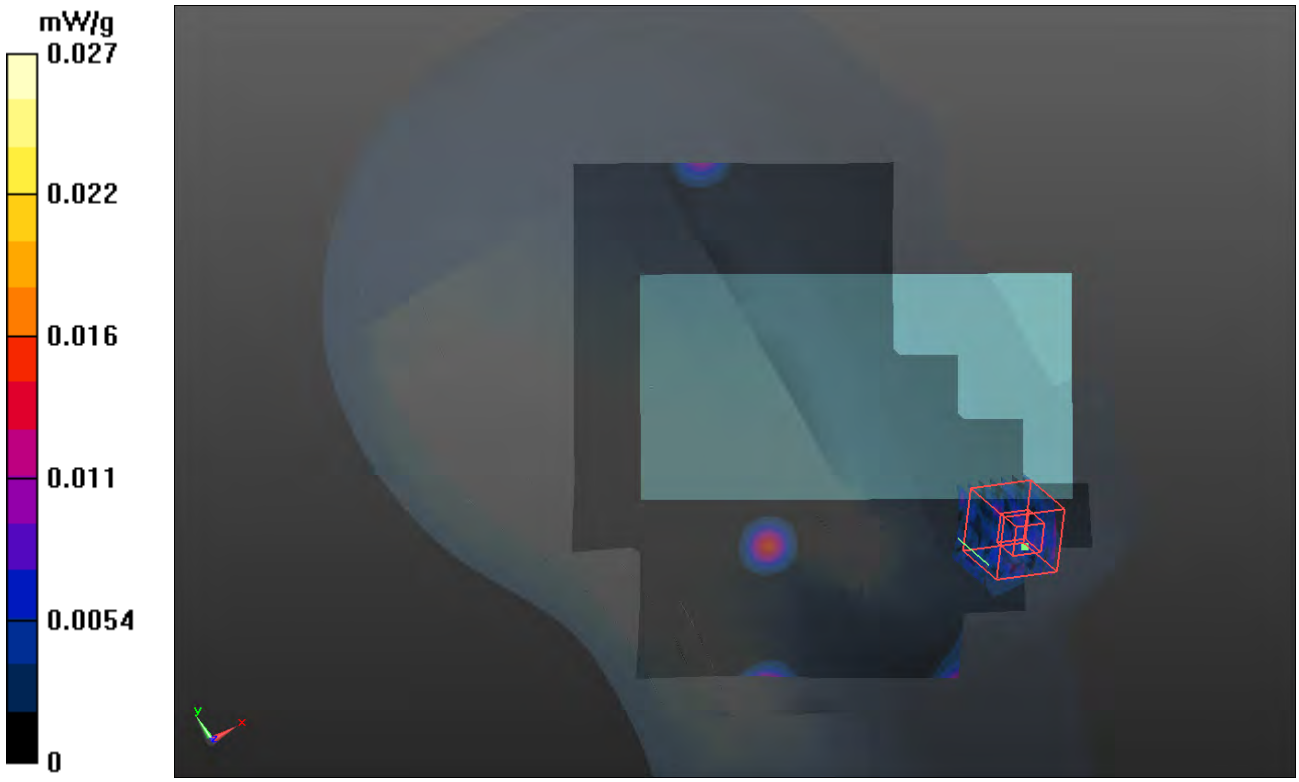
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5700 MHz; σ = 5.097 mho/m; ε_r = 35.946; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (161x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 0.0650
SAR(1 g) = 0.00637 mW/g; SAR(10 g) = 0.00251 mW/g
Maximum value of SAR (measured) = 0.026 mW/g



P331 802.11a_Left Tilted_Ch140_Sample1

DUT: 120402C01

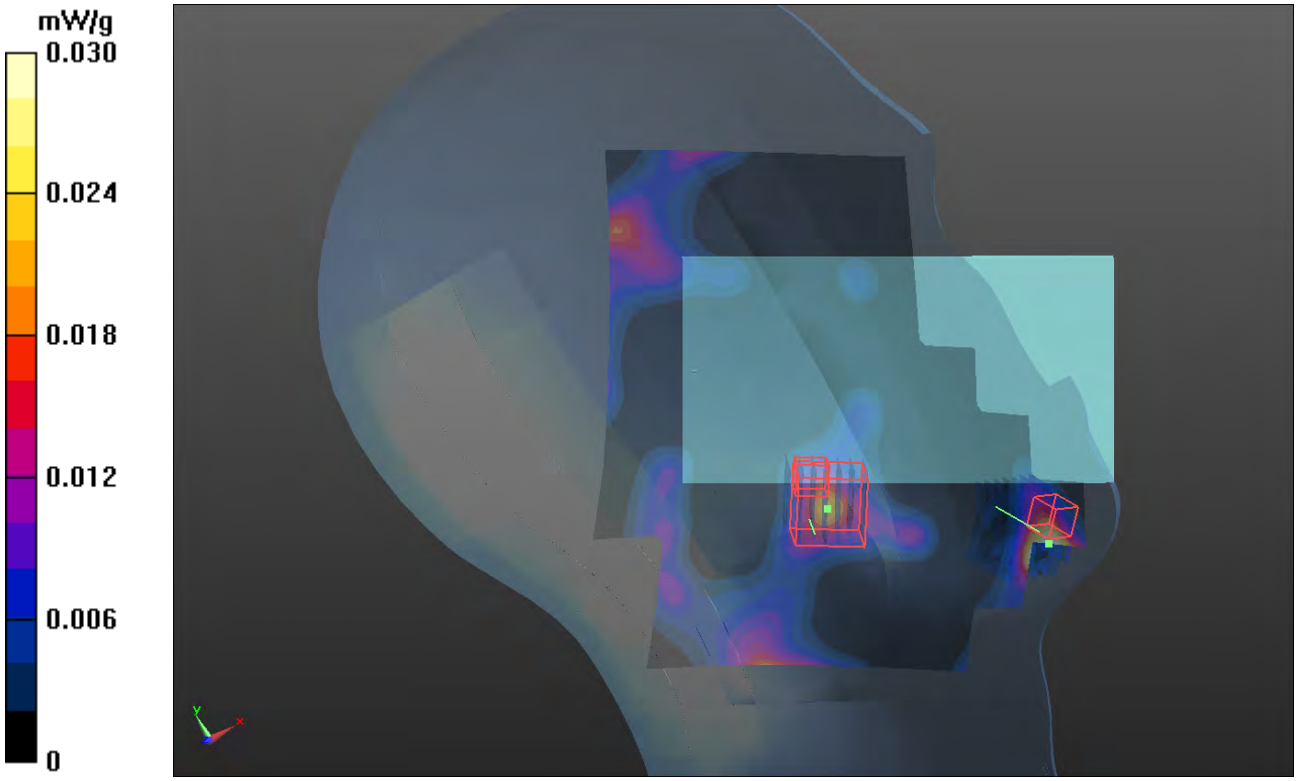
Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5700 MHz; σ = 5.097 mho/m; ε_r = 35.946; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (161x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.030 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.807 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.0560
SAR(1 g) = 0.0044 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.017 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.807 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.0110
SAR(1 g) = 0.00153 mW/g; SAR(10 g) = 0.000481 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



P371 802.11a_Right Cheek_Ch140_Battery2

DUT: 120402C01

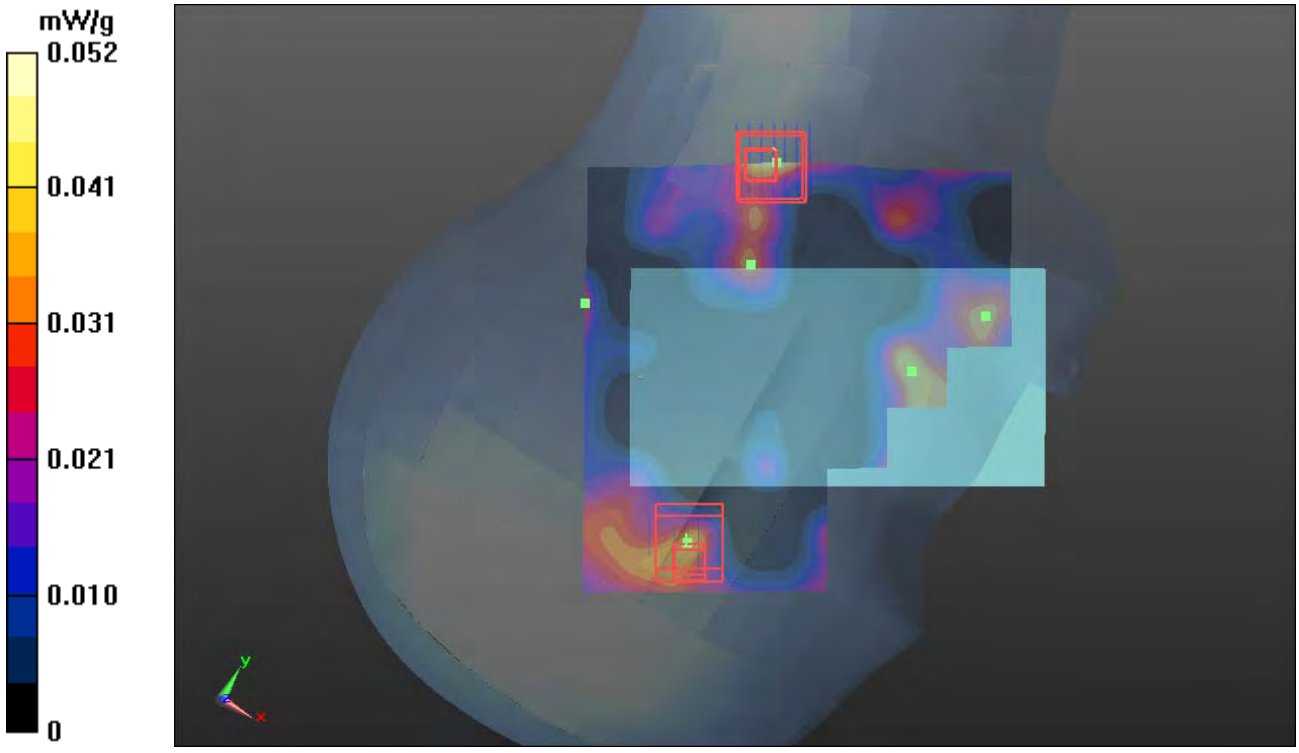
Communication System: WLAN 5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_0418 Medium parameters used: f = 5700 MHz; σ = 5.24 mho/m; ε_r = 35.248; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); 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)

Ch140/Area Scan (141x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0516 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.174 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.118 mW/g
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00934 mW/g
Maximum value of SAR (measured) = 0.0332 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.174 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.100 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00679 mW/g
Maximum value of SAR (measured) = 0.0299 mW/g



P314 802.11a_Right Tilted_Ch161_Sample1

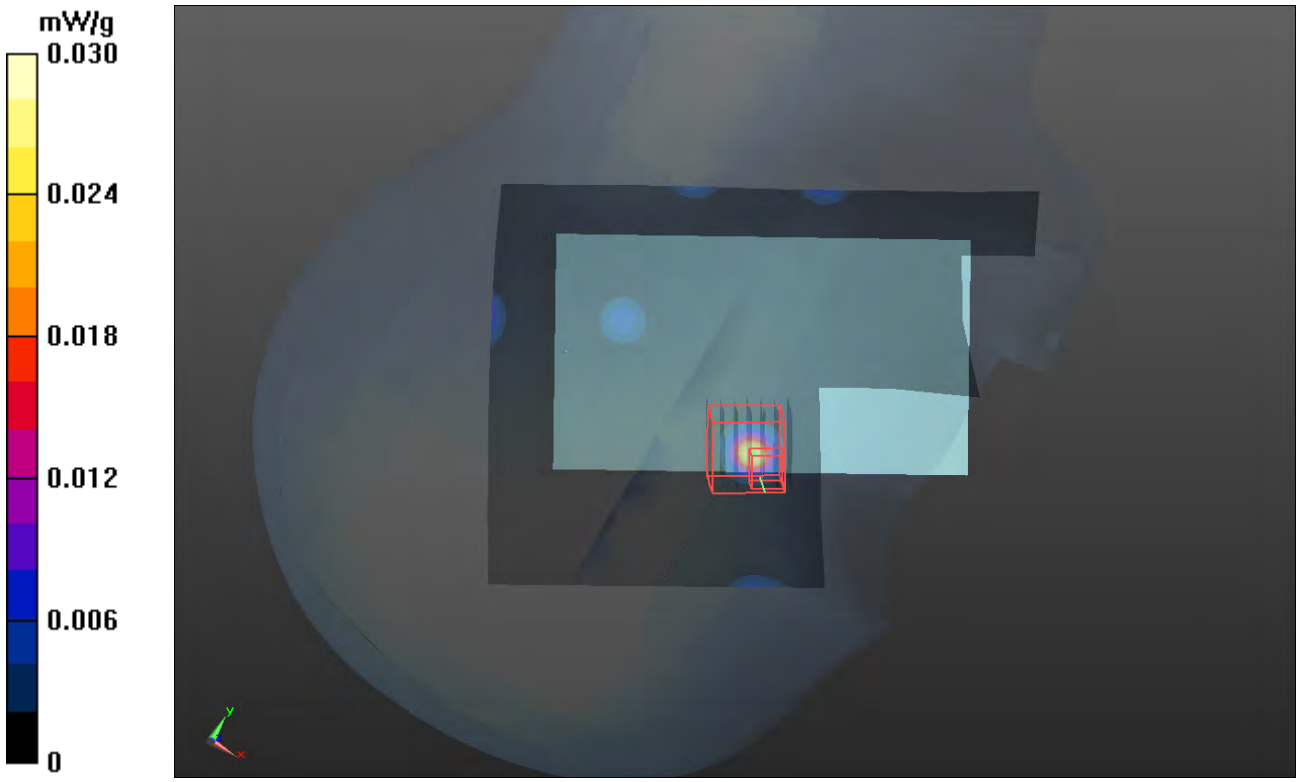
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5805 MHz; σ = 5.213 mho/m; ε_r = 35.765; ρ = 1000 kg/m^3
Ambient Temperature：21.1 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.030 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 0.4960
SAR(1 g) = 0.00116 mW/g; SAR(10 g) = 6.78e-005 mW/g
Maximum value of SAR (measured) = 0.496 mW/g



P315 802.11a_Left Cheek_Ch161_Sample1

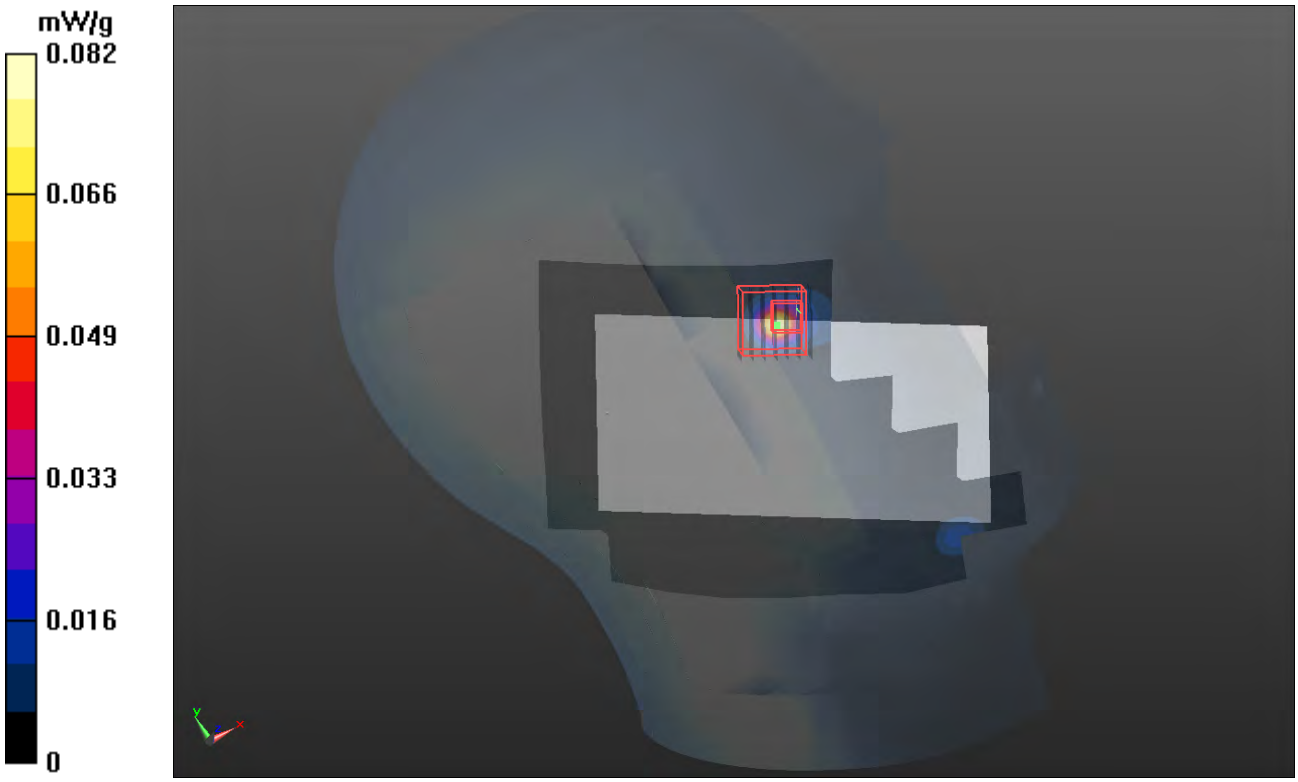
DUT: 120402C01

Communication System: WLAN_5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5805 MHz; σ = 5.213 mho/m; ε_r = 35.765; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.082 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.0270
SAR(1 g) = 0.00113 mW/g; SAR(10 g) = 0.000404 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



P316 802.11a_Left Teilted_Ch161_Sample1

DUT: 120402C01

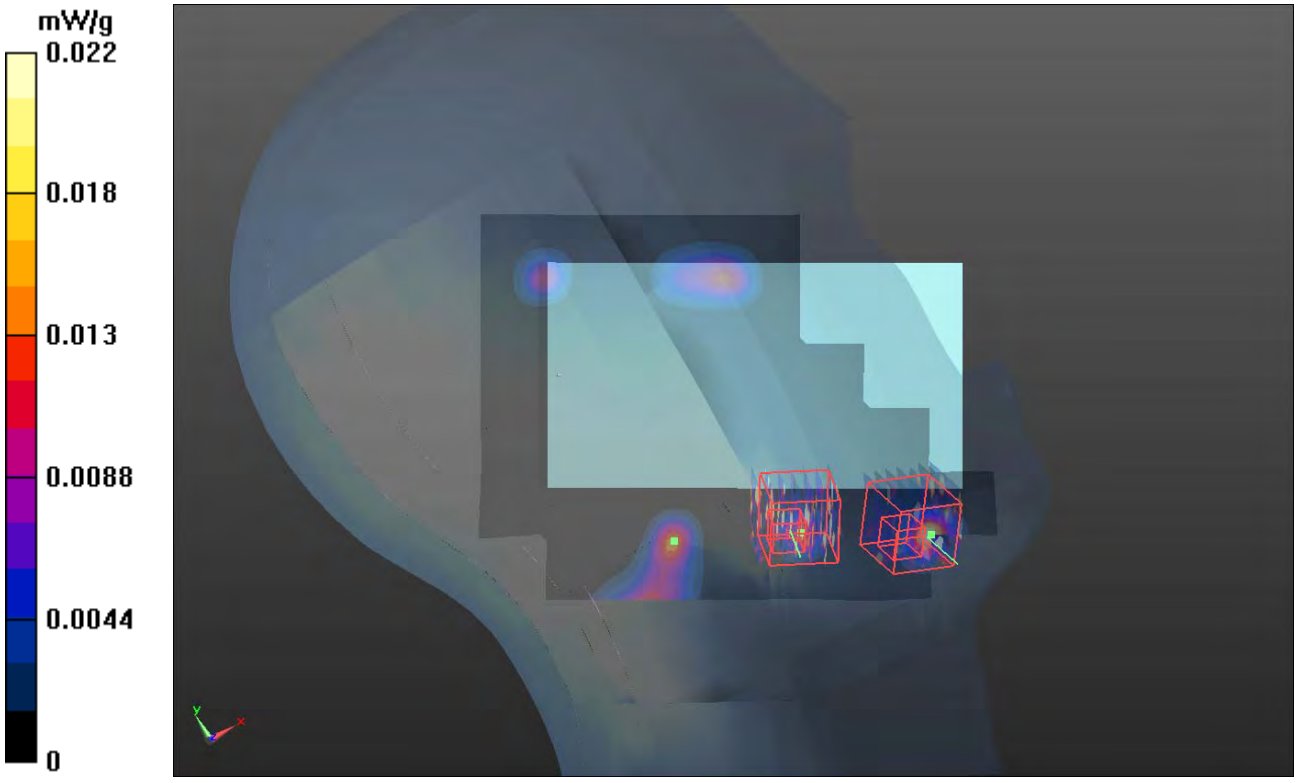
Communication System: WLAN_5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0405 Medium parameters used: f = 5805 MHz; σ = 5.213 mho/m; ε_r = 35.765; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.022 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.9430
SAR(1 g) = 0.00863 mW/g; SAR(10 g) = 0.00162 mW/g
Maximum value of SAR (measured) = 0.335 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.4550
SAR(1 g) = 0.00187 mW/g; SAR(10 g) = 0.000118 mW/g
Maximum value of SAR (measured) = 1.455 mW/g



P368 802.11a_Left Tilted_Ch161_Battery2

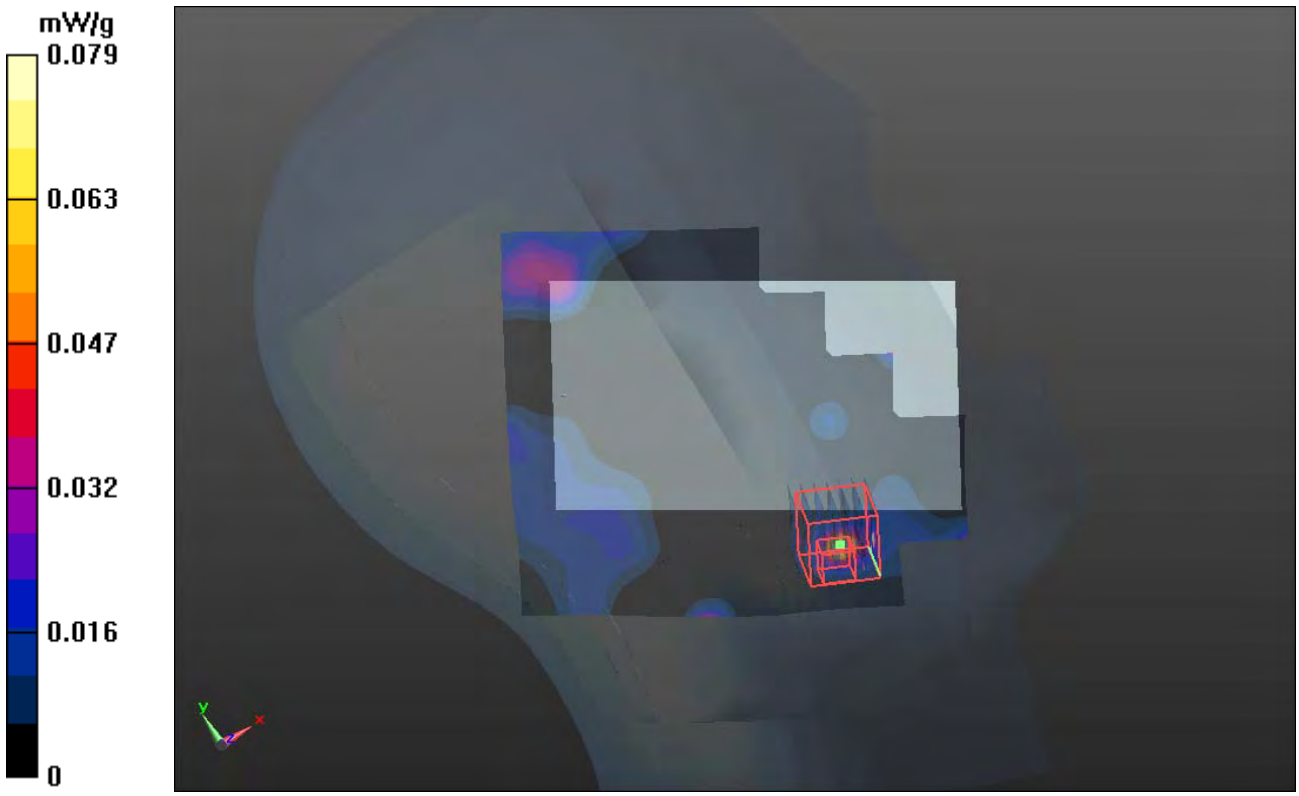
DUT: 120402C01

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0418 Medium parameters used: f = 5805 MHz; σ = 5.361 mho/m; ε_r = 35.052; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); 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)

Ch161/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0790 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.858 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.069 mW/g
SAR(1 g) = 0.00247 mW/g; SAR(10 g) = 0.000337 mW/g
Maximum value of SAR (measured) = 0.221 mW/g



P18 GSM850_GPRS10_Front Face_1cm_Ch128_Sample1

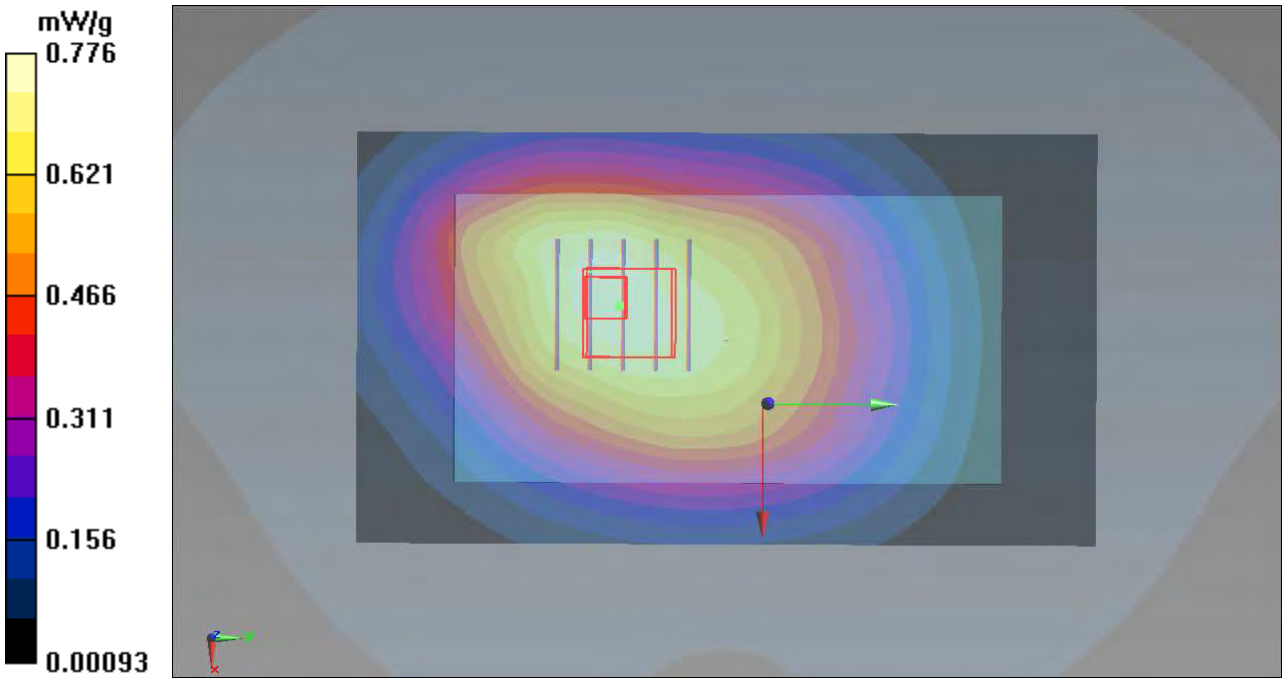
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.776 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.978 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.8570
SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 0.764 mW/g



P19 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample1

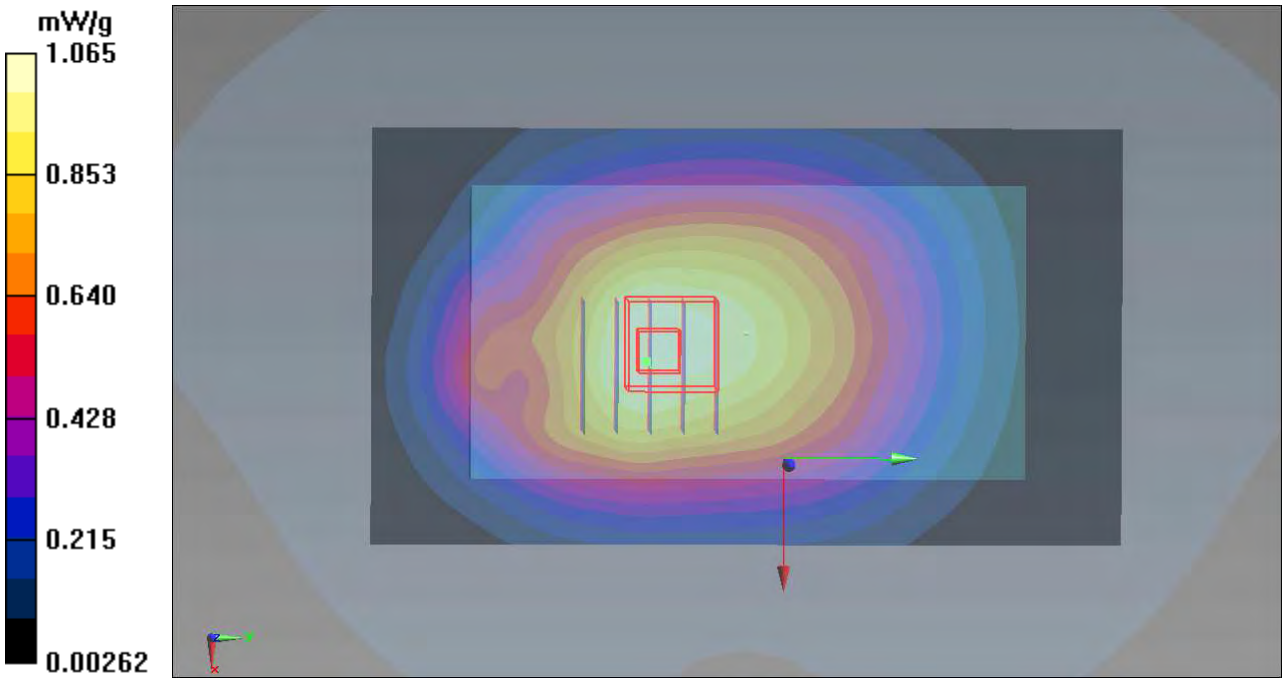
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.065 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.547 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.1480
SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 1.034 mW/g



P20 GSM850_GPRS10_Bottom Side_1cm_Ch128_Sample1

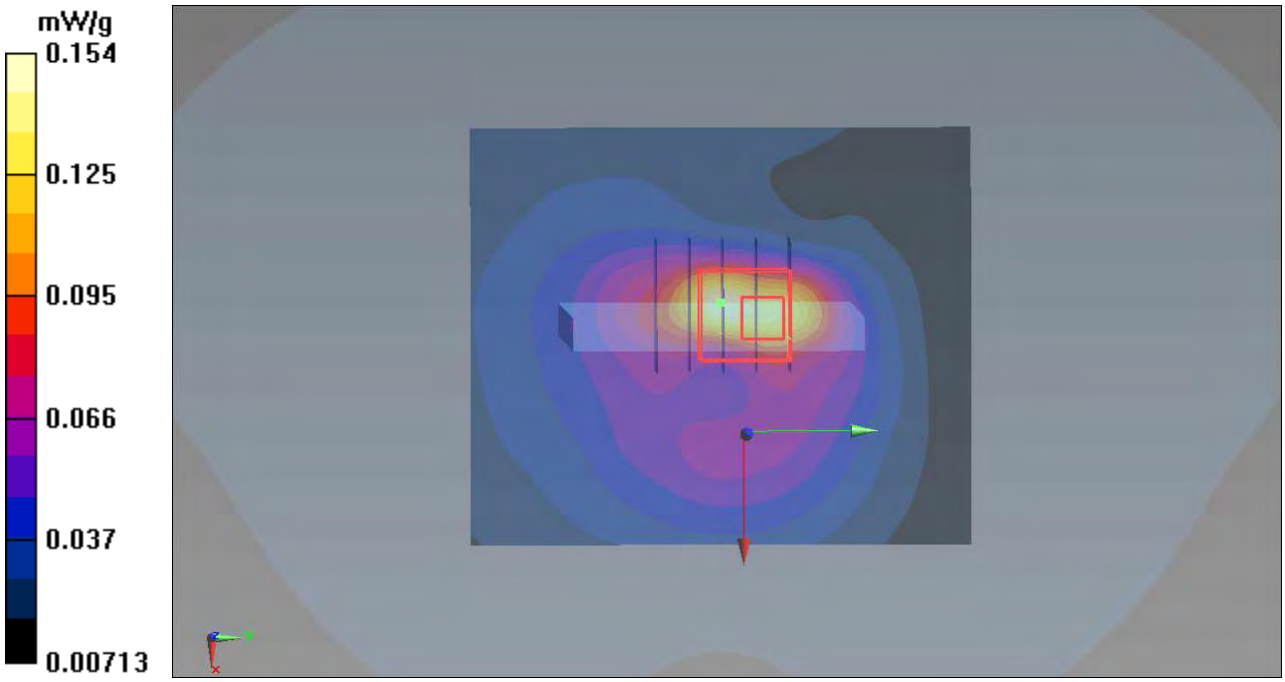
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.380 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.2530
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.178 mW/g



P21 GSM850_GPRS10_Left Side_1cm_Ch128_Sample1

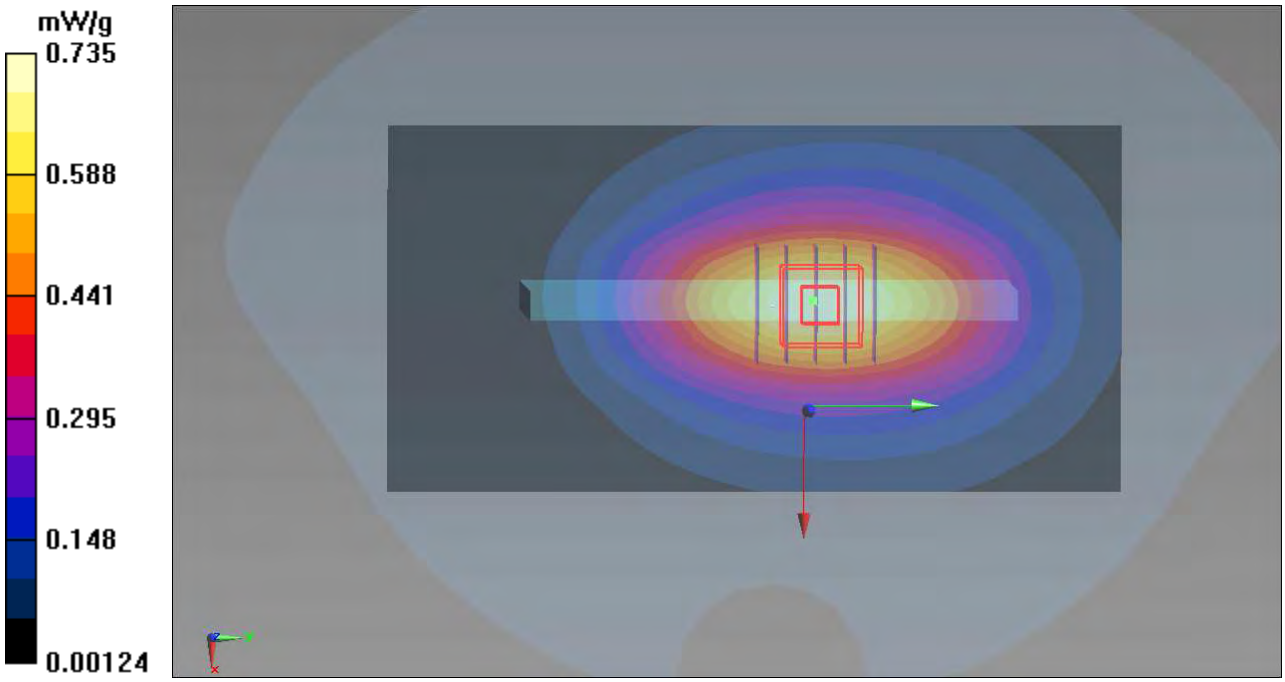
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.735 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.488 V/m; Power Drift = 0.0012 dB
Peak SAR (extrapolated) = 0.8570
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 0.751 mW/g



P22 GSM850_GPRS10_Right Side_1cm_Ch128_Sample1

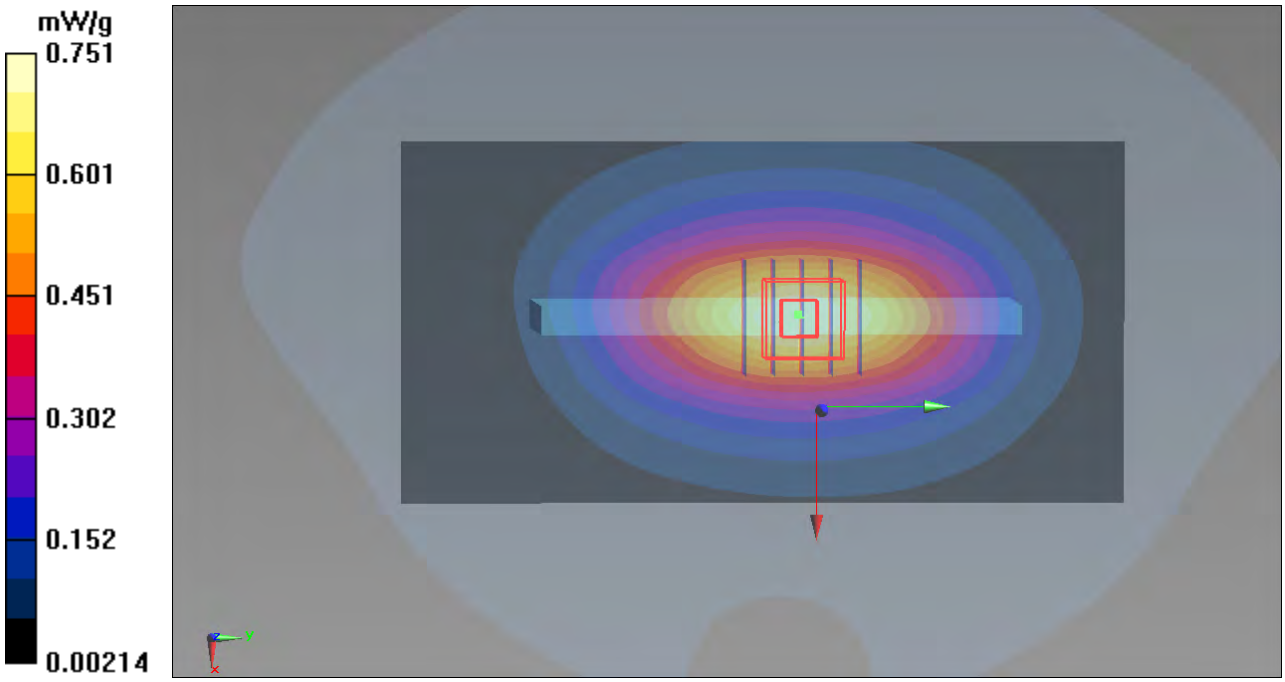
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.751 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.400 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.8710
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.759 mW/g



P23 GSM850_GPRS10_Rear Face_1cm_Ch189_Sample1

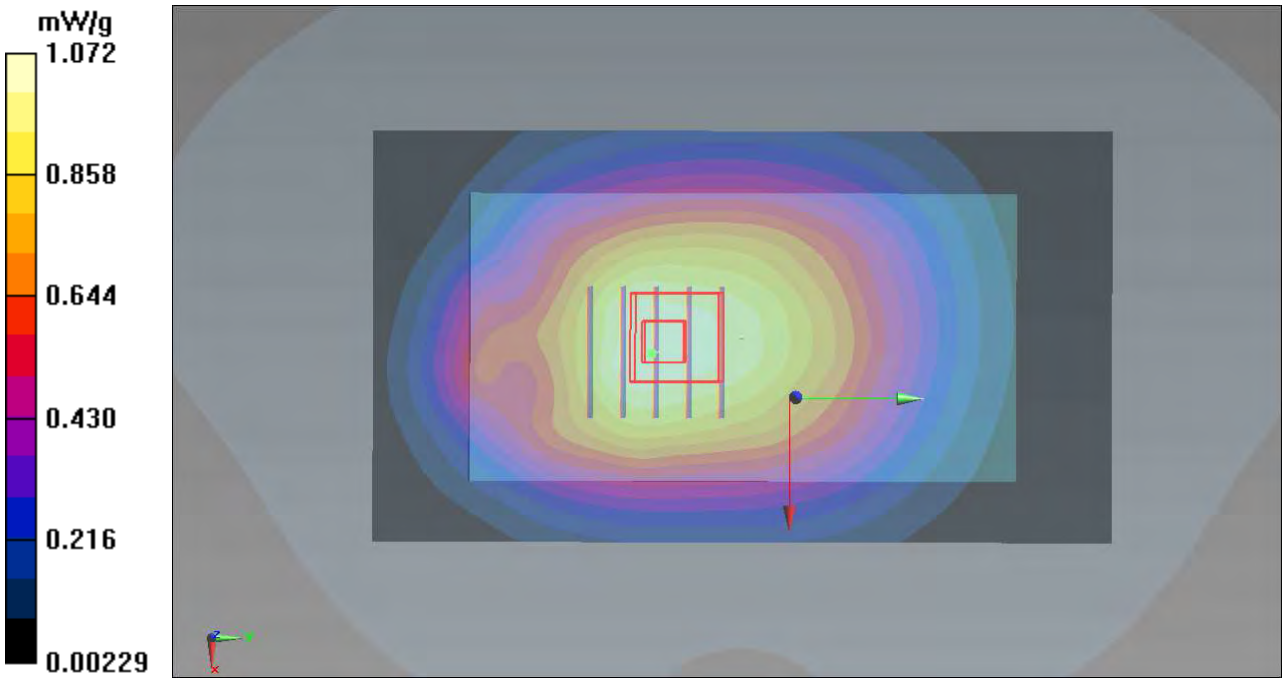
DUT: 120402C01

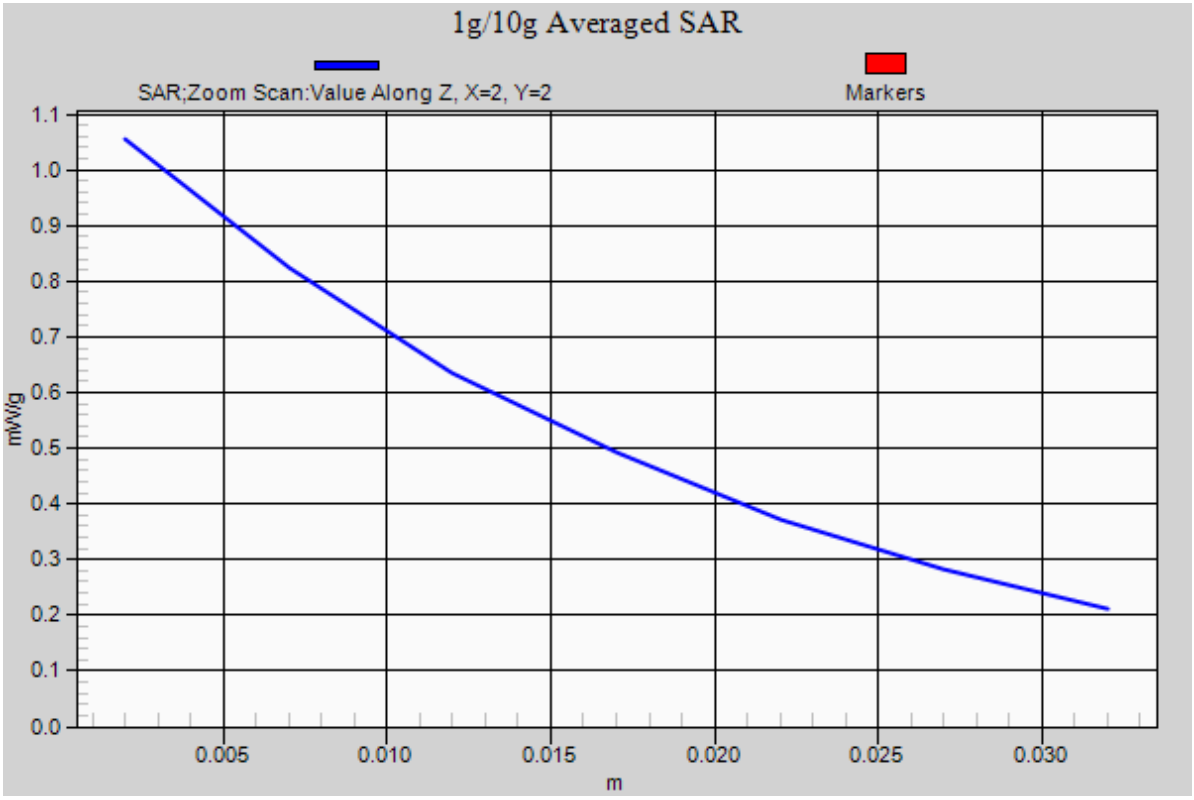
Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 836.4 MHz; σ = 0.99 mho/m; ε_r = 54.783; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.072 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.781 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.1650
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.700 mW/g
Maximum value of SAR (measured) = 1.055 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

P24 GSM850_GPRS10_Rear Face_1cm_Ch251_Sample1

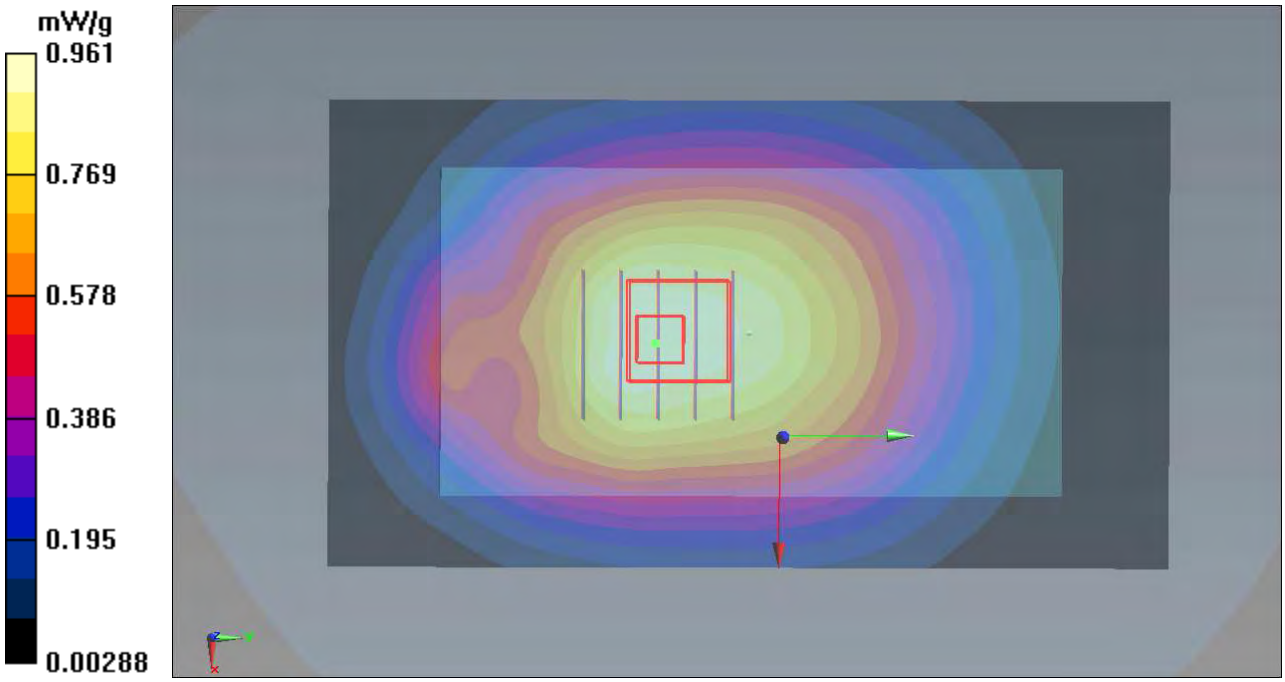
DUT: 120402C01

Communication System: GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 54.696; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.961 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.181 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.0500
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.627 mW/g
Maximum value of SAR (measured) = 0.953 mW/g



P64 GSM850_GPRS10_Rear Face_1cm_Ch189_Sample2

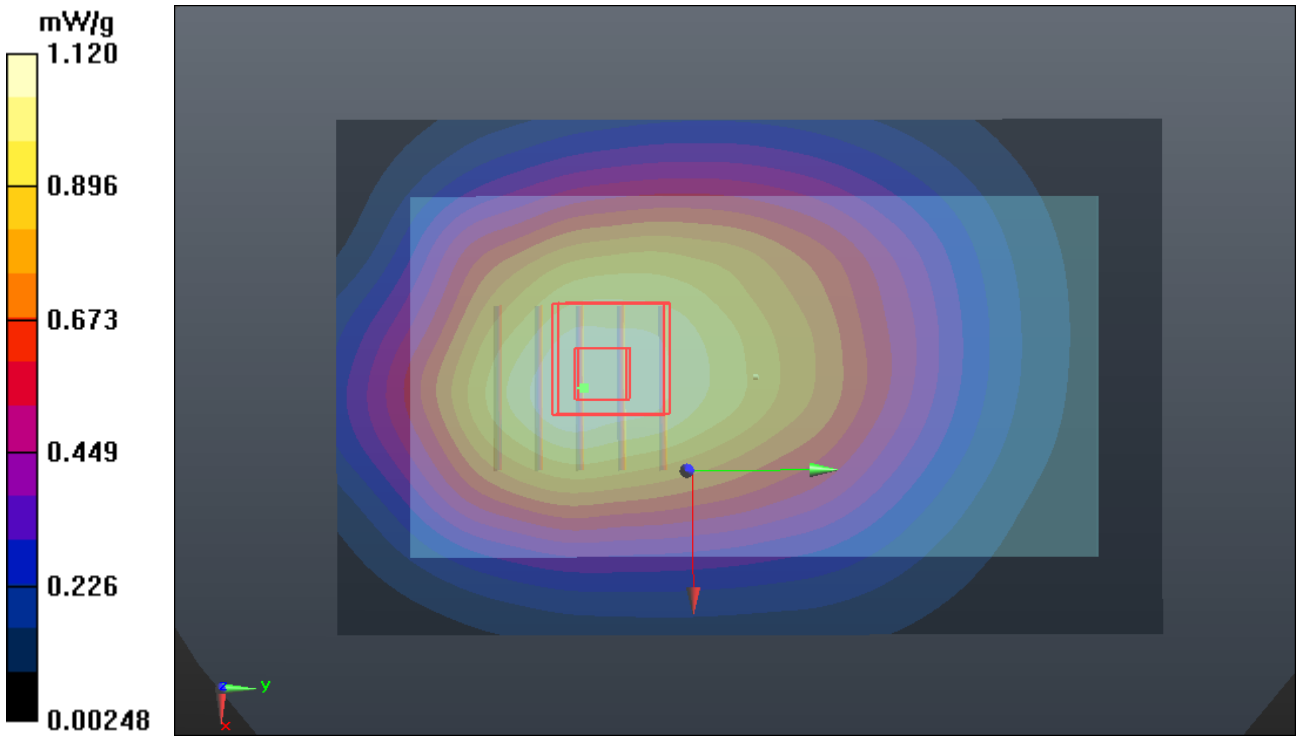
DUT: 120402C01

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0420 Medium parameters used : f = 836.4 MHz; σ = 0.888 mho/m; ε_r = 42.067; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 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; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.925 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.215 mW/g
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.669 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



P65 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample2

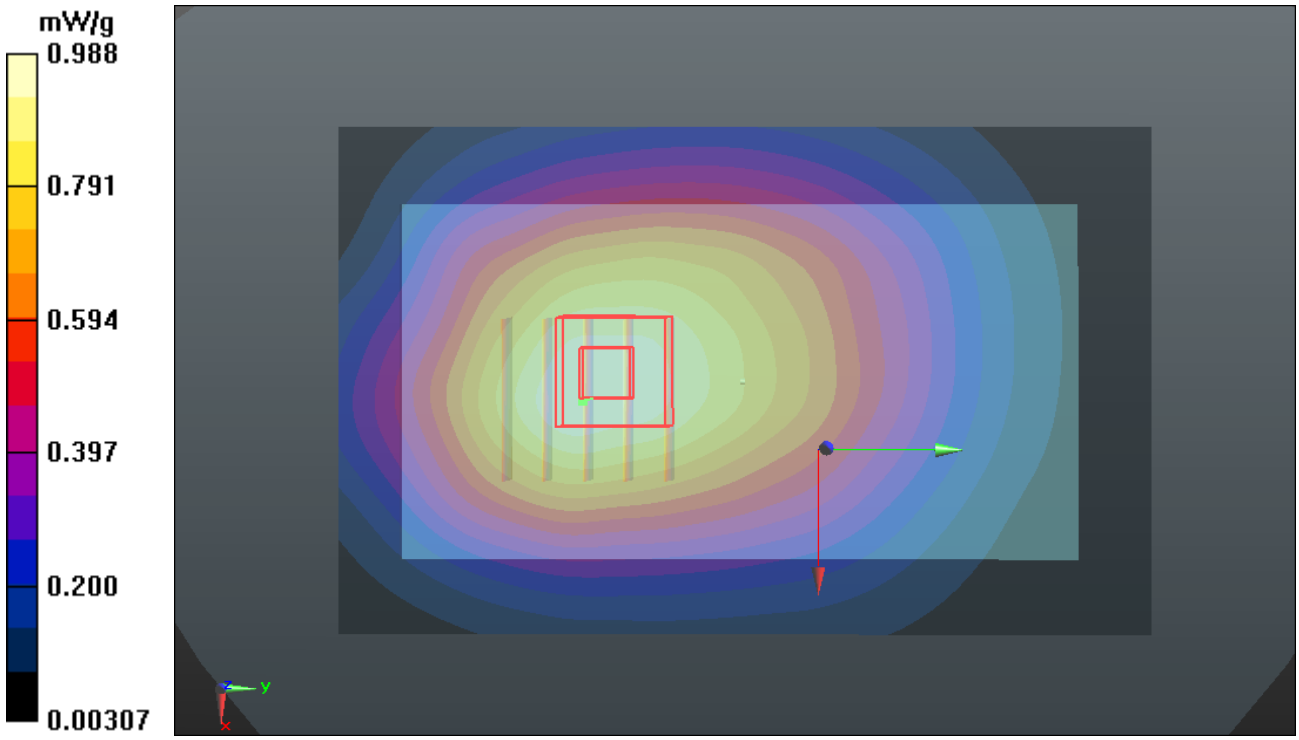
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: H835_0420 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.209; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 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; 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) = 0.988 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.685 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.110 mW/g
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.645 mW/g
Maximum value of SAR (measured) = 0.991 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/20

P66 GSM850_GPRS10_Rear Face_1cm_Ch251_Sample2

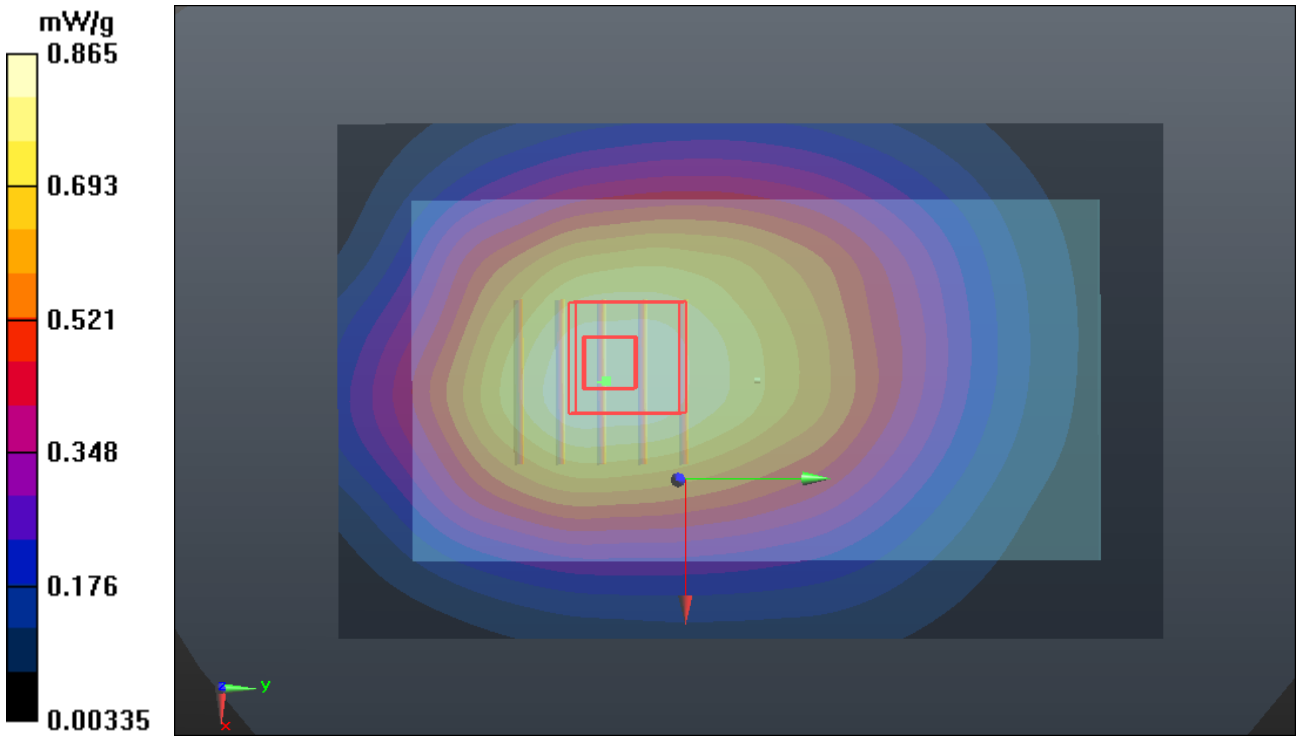
DUT: 120402C01

Communication System: GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4.00037
Medium: H835_0420 Medium parameters used: f = 849 MHz; σ = 0.9 mho/m; ε_r = 41.922; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 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; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.865 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.376 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.979 mW/g
SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.577 mW/g
Maximum value of SAR (measured) = 0.881 mW/g



P26 GSM850_GPRS10_Front Face_1cm_Ch128_Sample1_Earphone

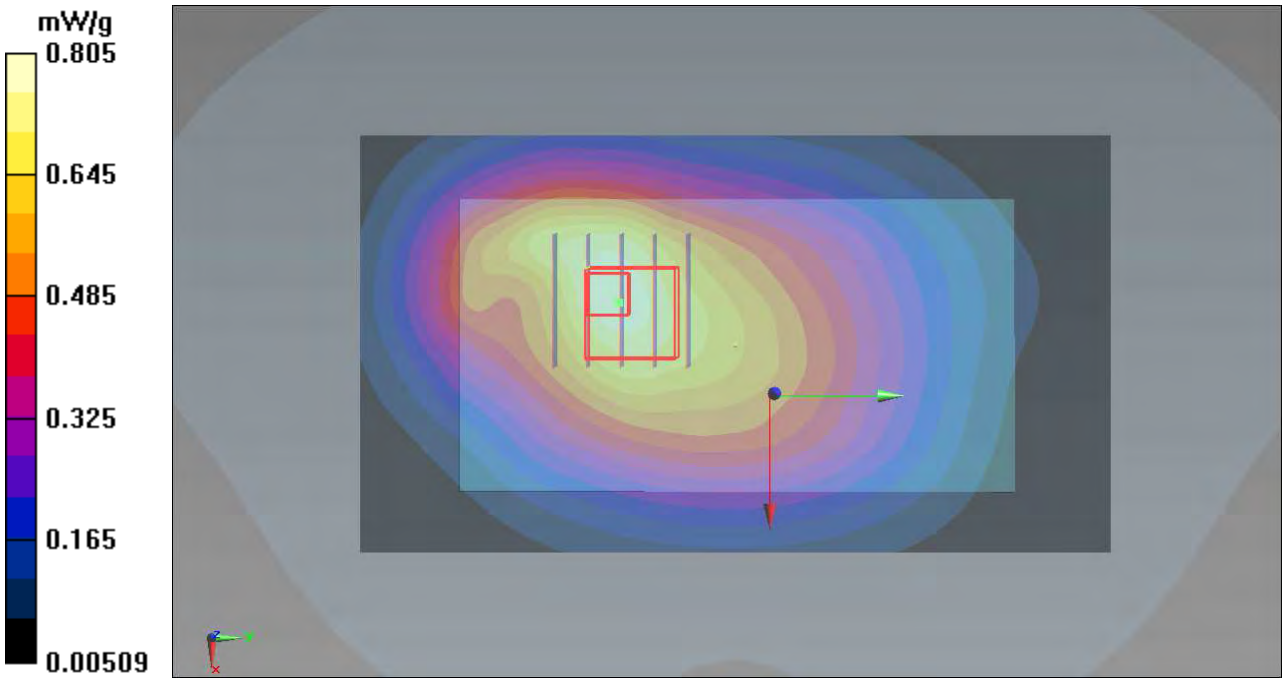
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.805 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.201 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.8830
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.764 mW/g



P27 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample1_Earphone

DUT: 120402C01

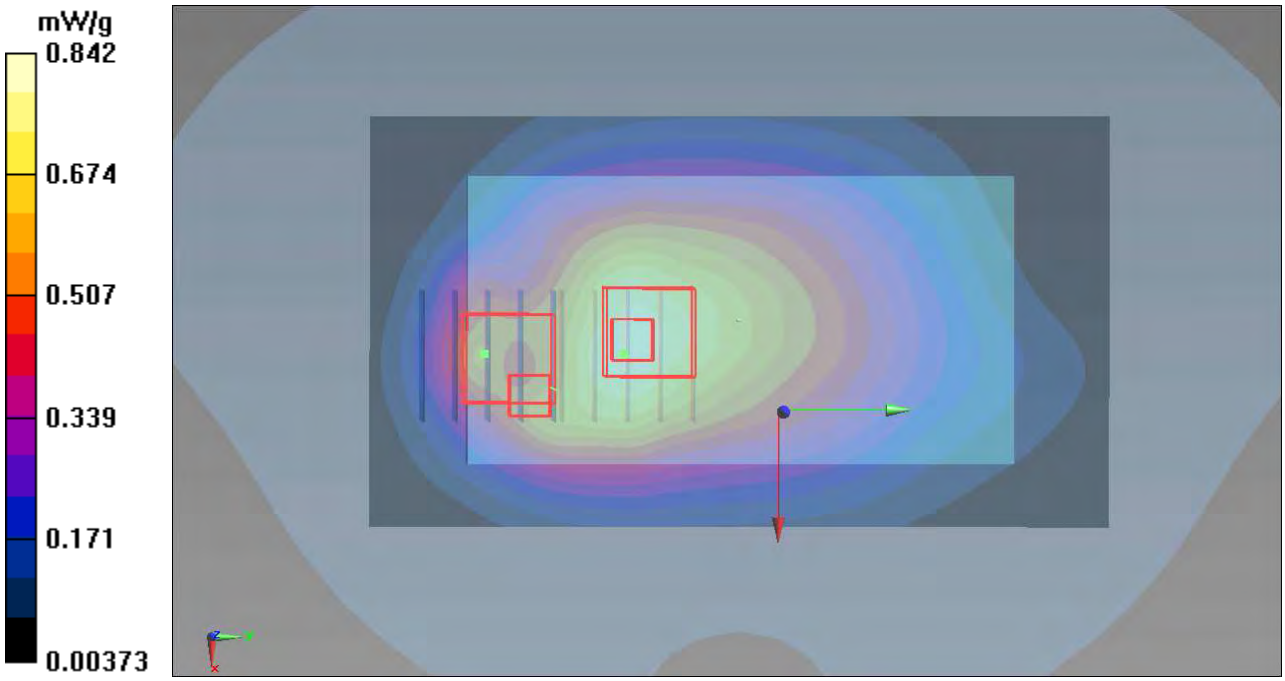
Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0412 Medium parameters used : f = 824.2 MHz; σ = 0.973 mho/m; ε_r = 54.913; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.842 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.053 V/m; Power Drift = 0.0072 dB
Peak SAR (extrapolated) = 0.9570
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 0.833 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.053 V/m; Power Drift = 0.0072 dB
Peak SAR (extrapolated) = 0.8190
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.658 mW/g



P67 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample2_Earphone

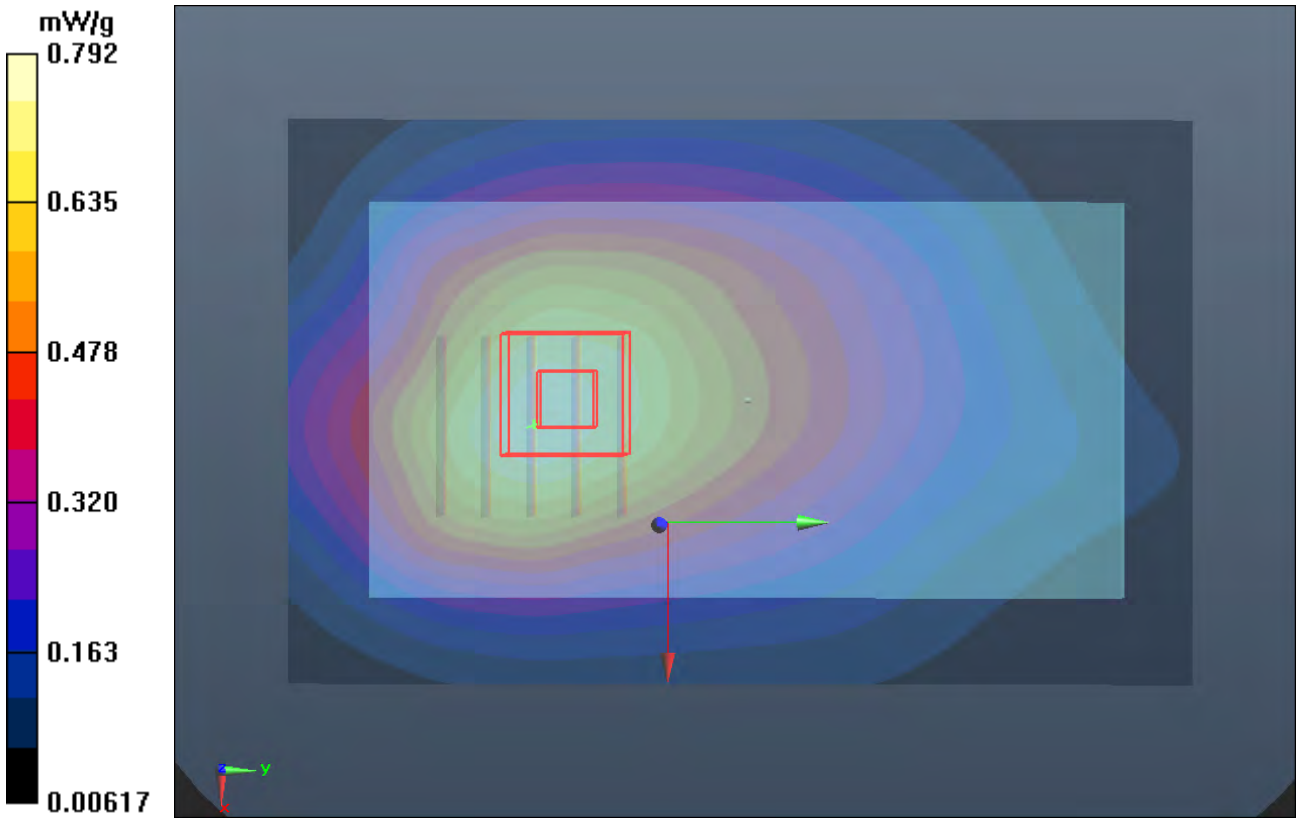
DUT: 120402C01

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: H835_0420 Medium parameters used : f = 824.2 MHz; σ = 0.876 mho/m; ε_r = 42.209; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7℃

DASY5 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; 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) = 0.792 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.833 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.901 mW/g
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.787 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P31 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1

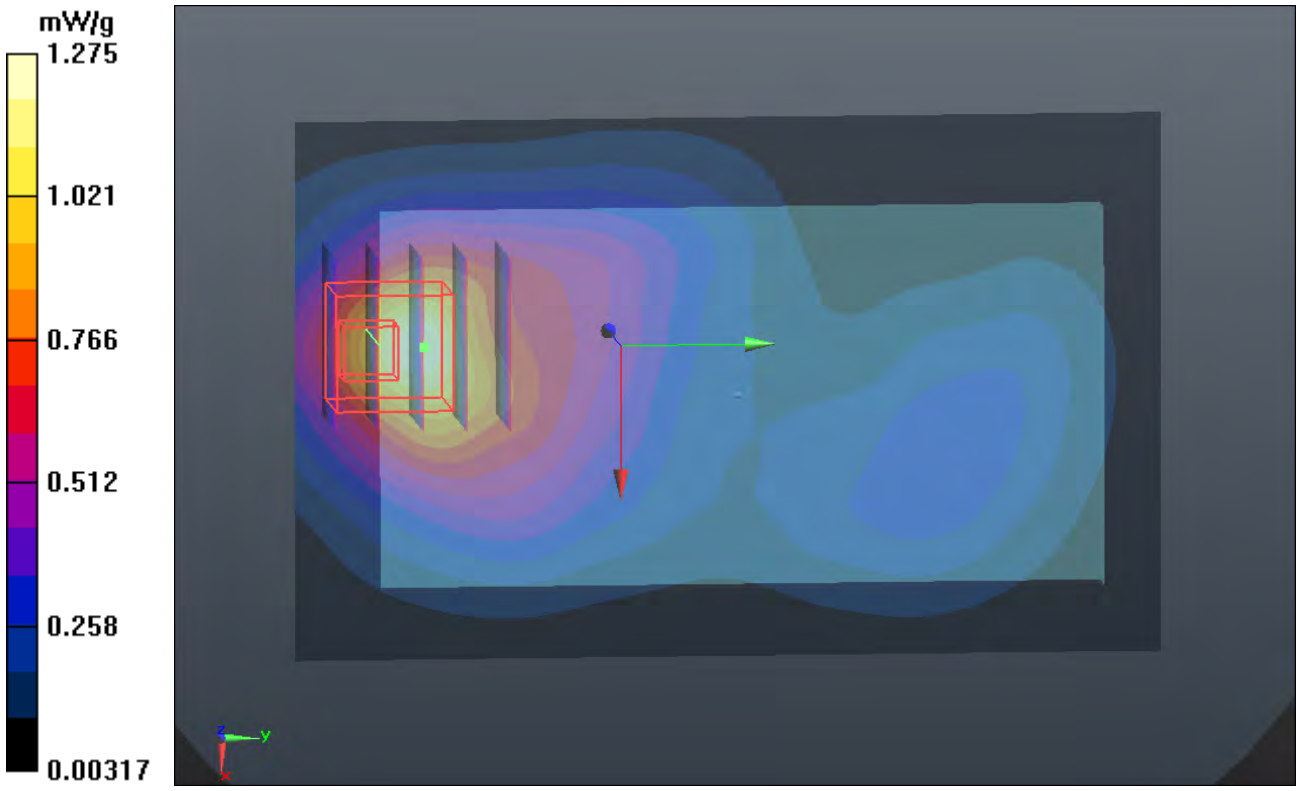
DUT: 120402C01

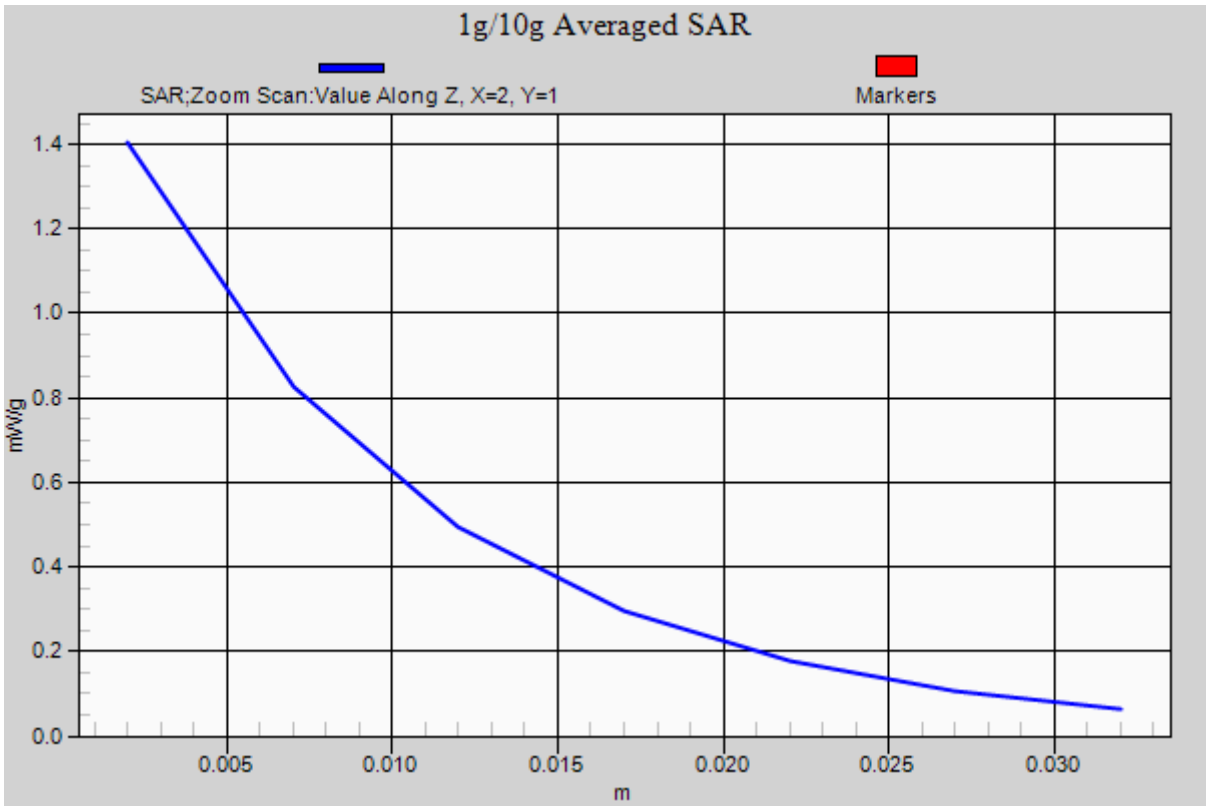
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.275 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.434 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.7310
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 1.404 mW/g




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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P32 GSM1900_GPRS10_Rear Face_1cm_Ch810_Sample1

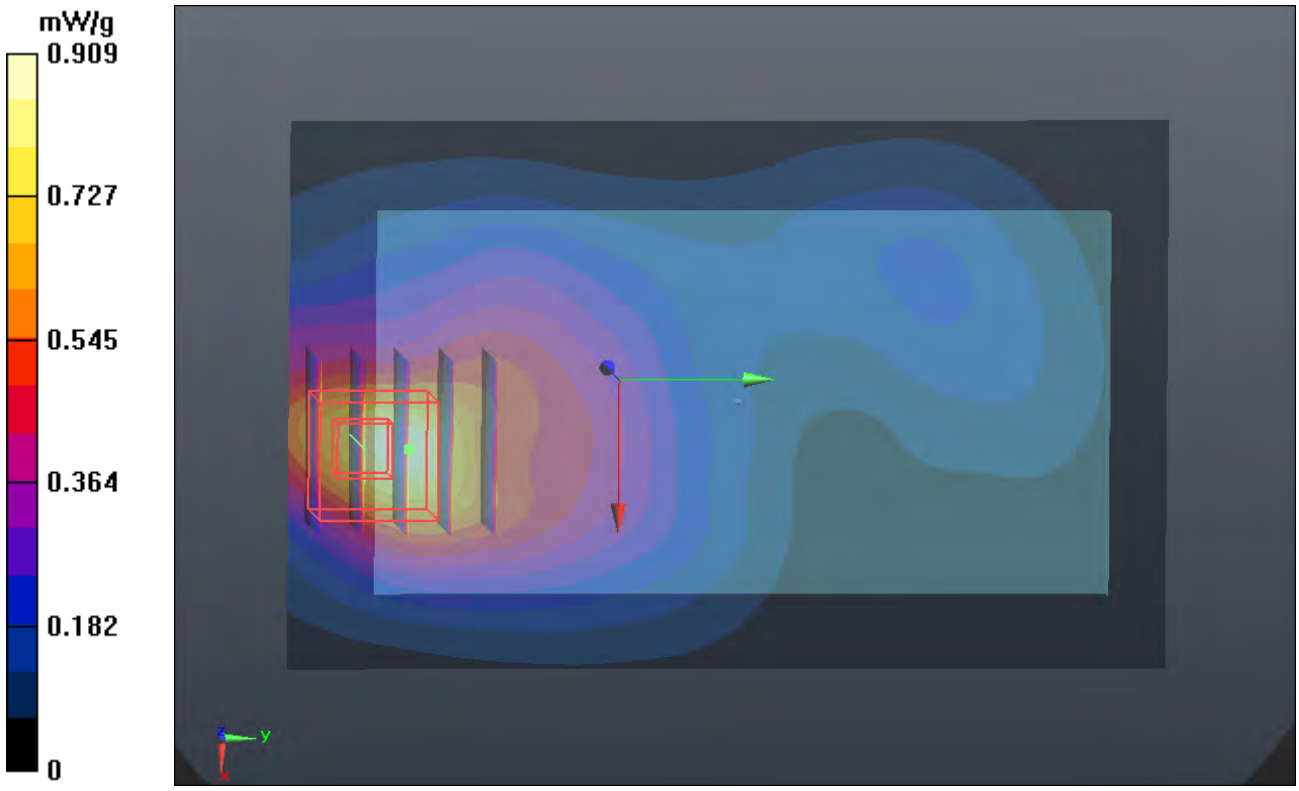
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.088 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.3800
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 1.096 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P33 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Sample1

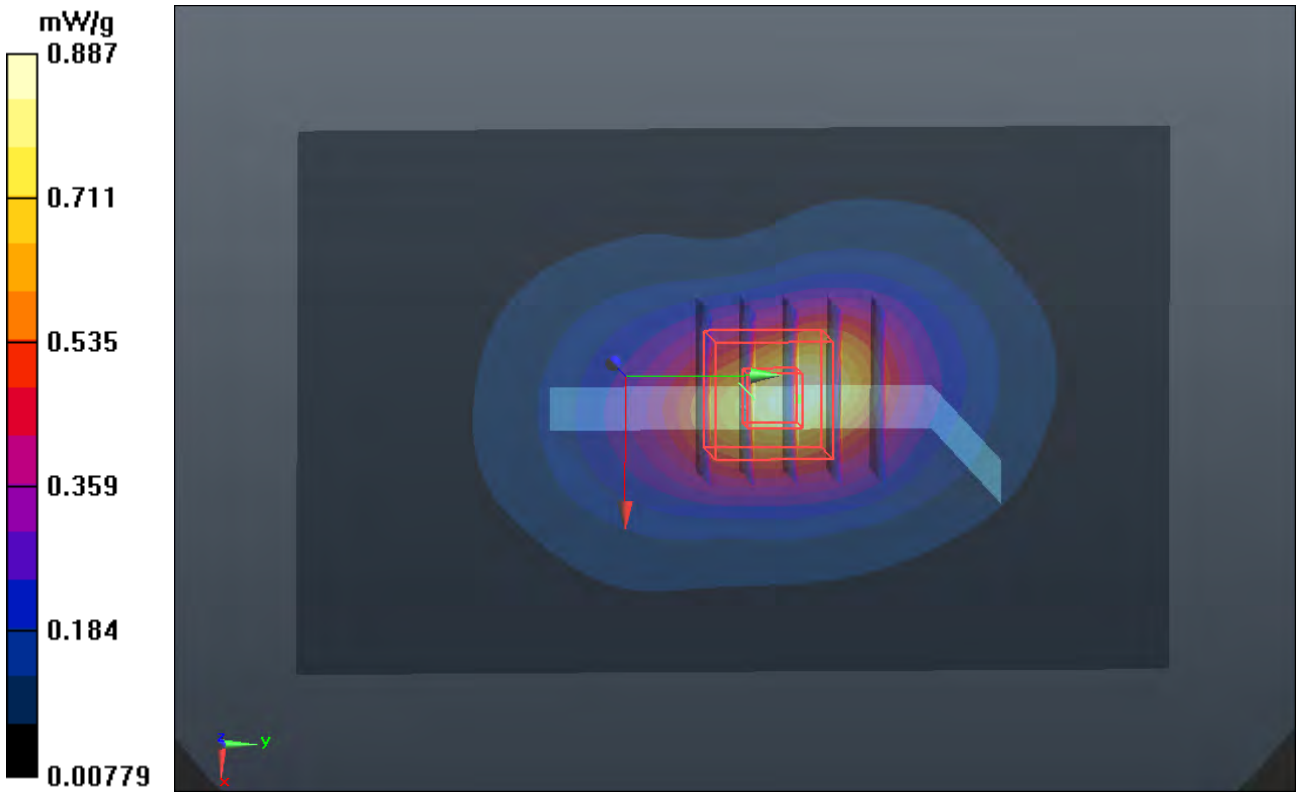
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.887 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.542 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.5430
SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.443 mW/g
Maximum value of SAR (measured) = 1.188 mW/g



P34 GSM1900_GPRS10_Left Side_1cm_Ch810_Sample1

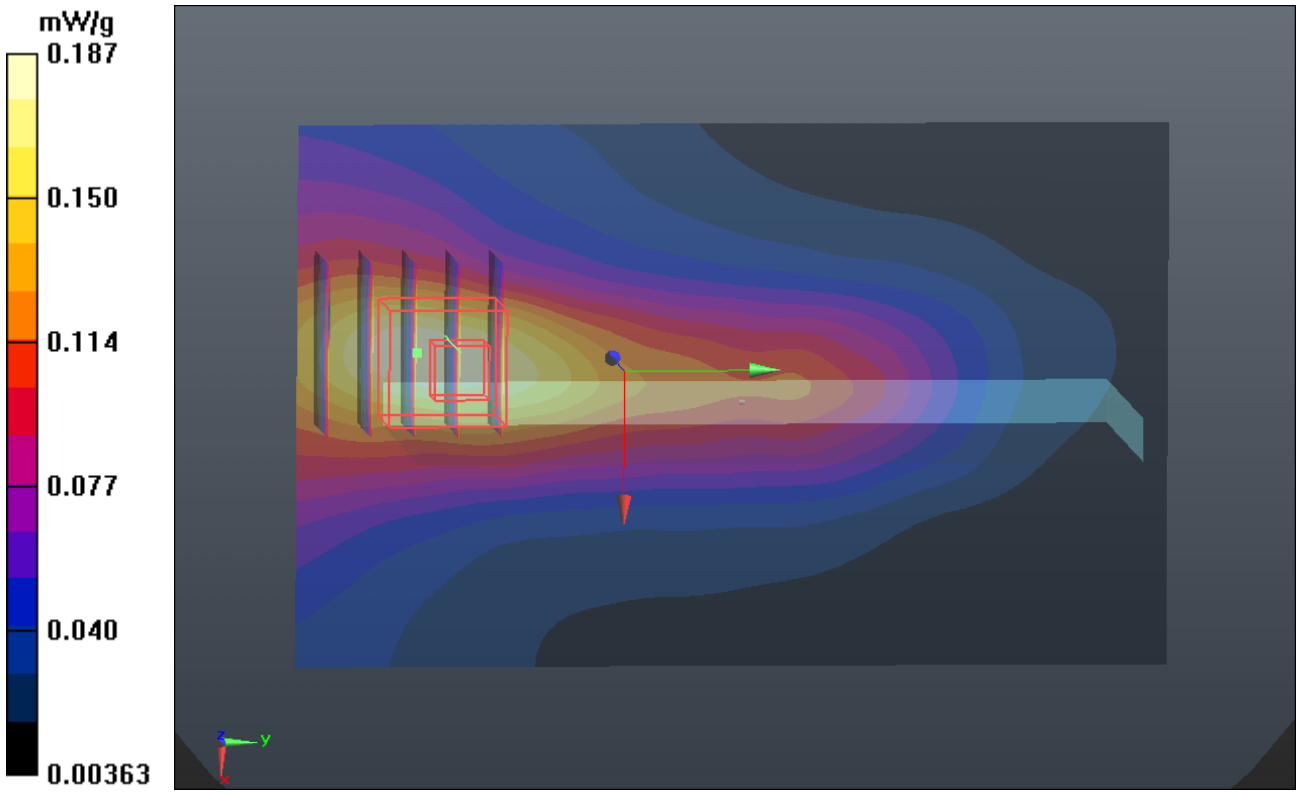
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.187 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.127 V/m; Power Drift = 0.0069 dB
Peak SAR (extrapolated) = 0.2480
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.194 mW/g



P35 GSM1900_GPRS10_Right Side_1cm_Ch810_Sample1

DUT: 120402C01

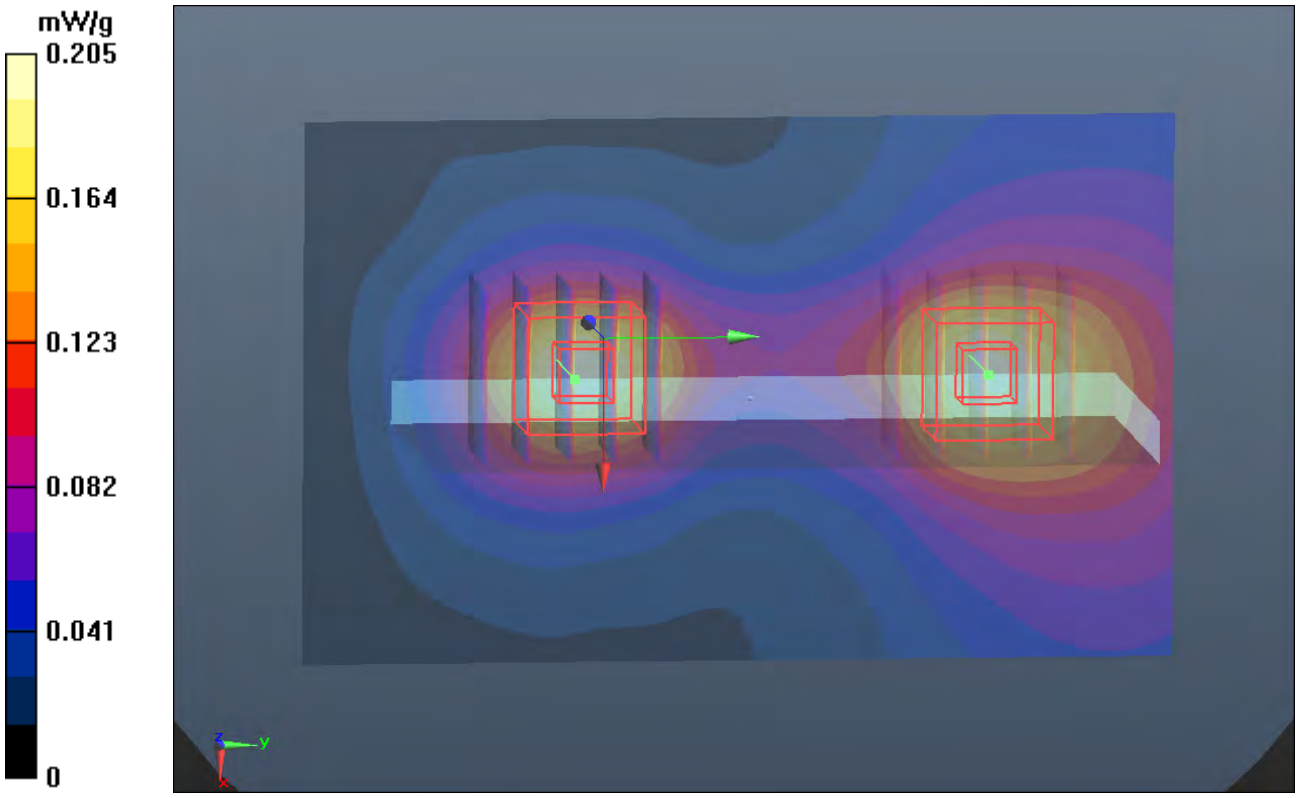
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.205 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.737 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.2530
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.210 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.737 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.2510
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P44 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample1

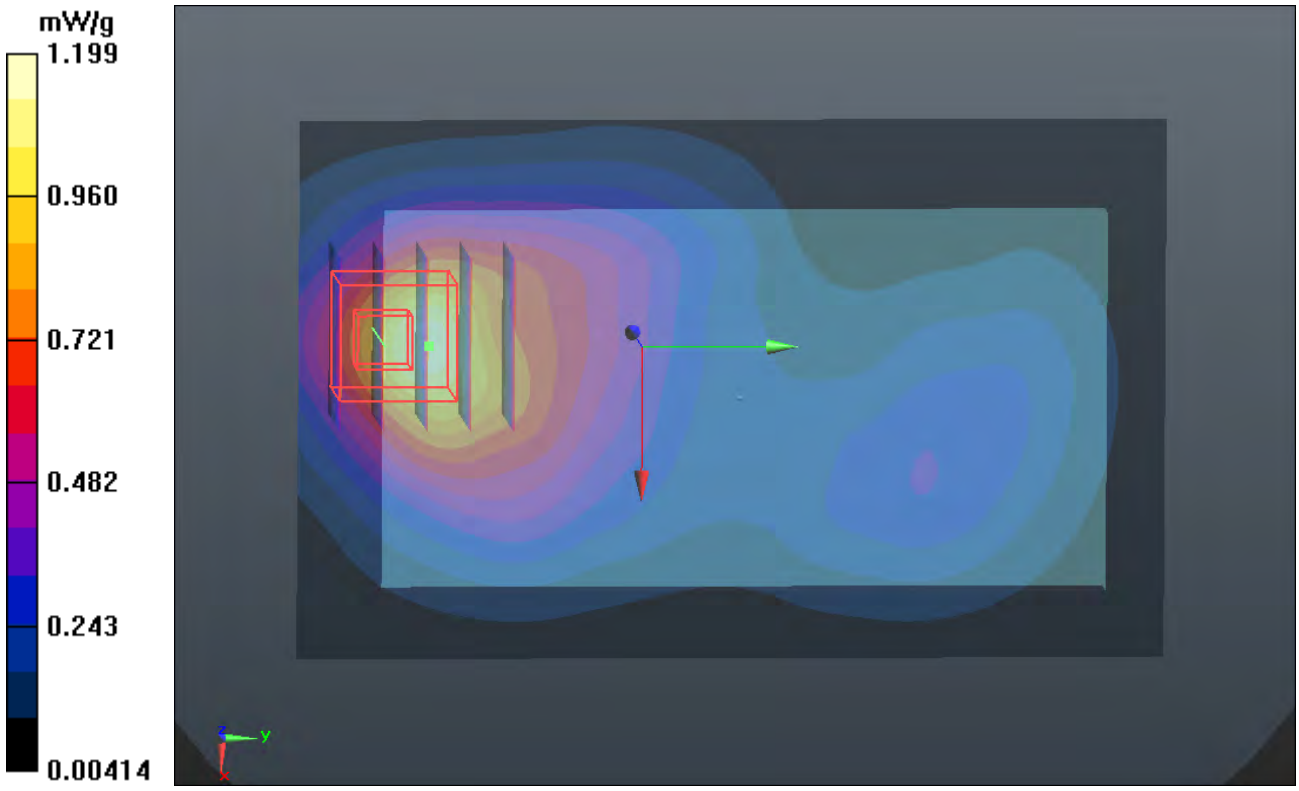
DUT: 120402C01

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used : f = 1850.2 MHz; σ = 1.493 mho/m; ε_r = 53.111; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.199 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.967 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.4800
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 1.247 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P45 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1

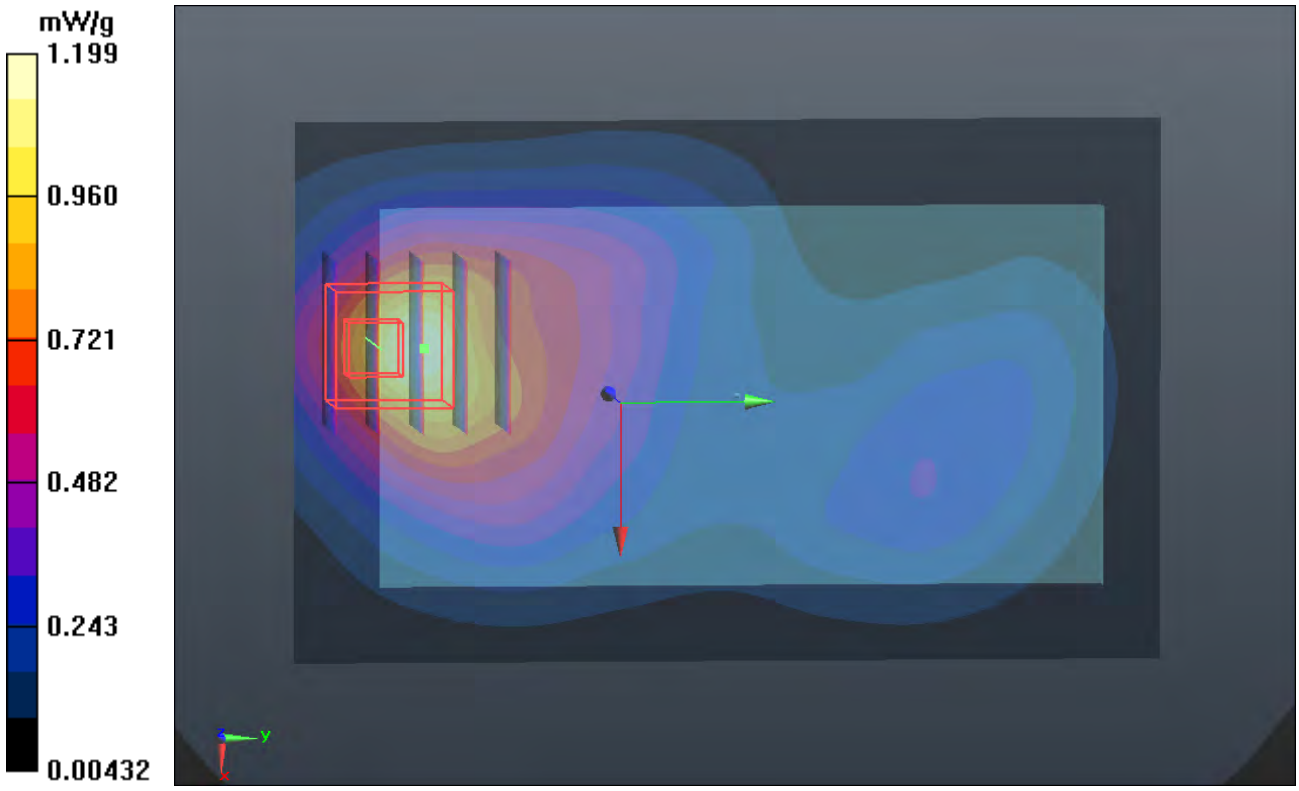
DUT: 120402C01

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.024; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.199 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.629 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.5750
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.510 mW/g
Maximum value of SAR (measured) = 1.285 mW/g



P36 GSM1900_GPRS10_Rear Face_1cm_Ch512_Sample1

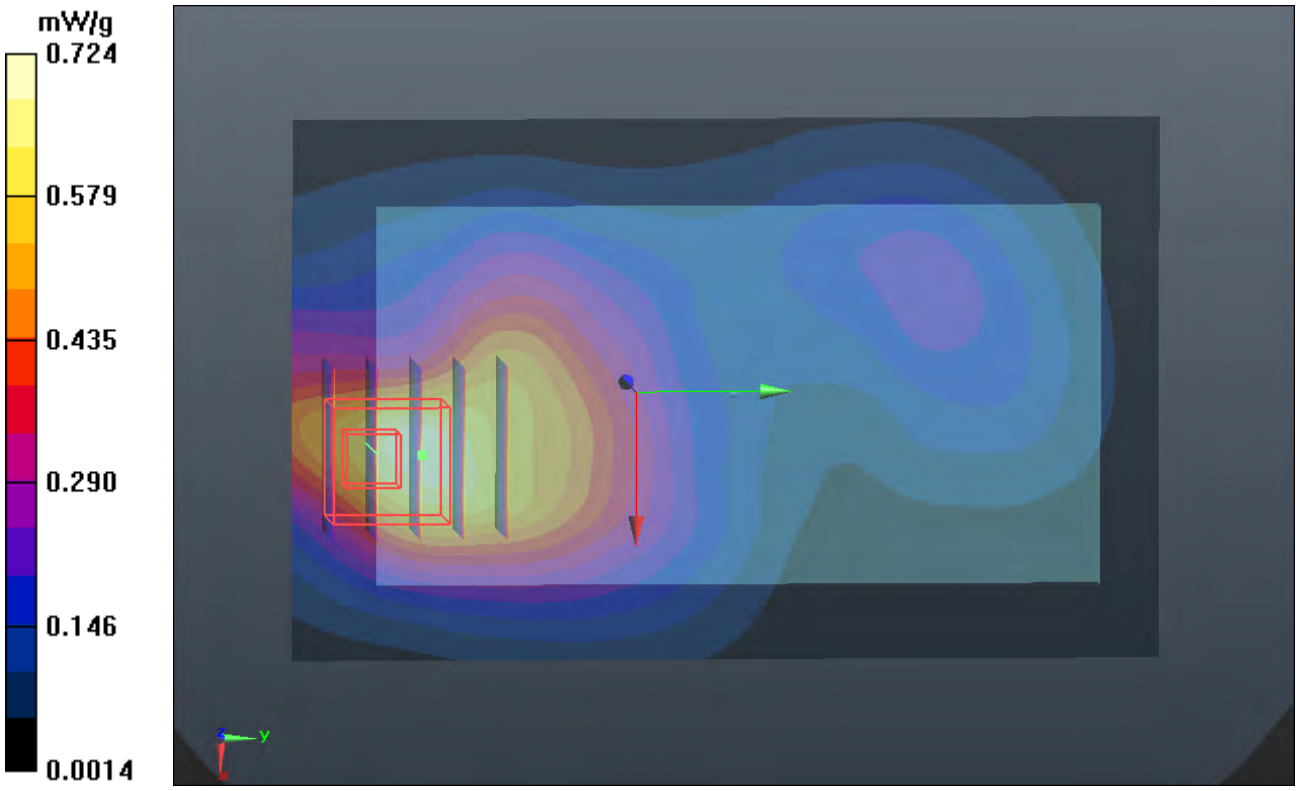
DUT: 120402C01

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used : f = 1850.2 MHz; σ = 1.493 mho/m; ε_r = 53.111; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.724 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.743 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.0320
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.838 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P37 GSM1900_GPRS10_Rear Face_1cm_Ch661_Sample1

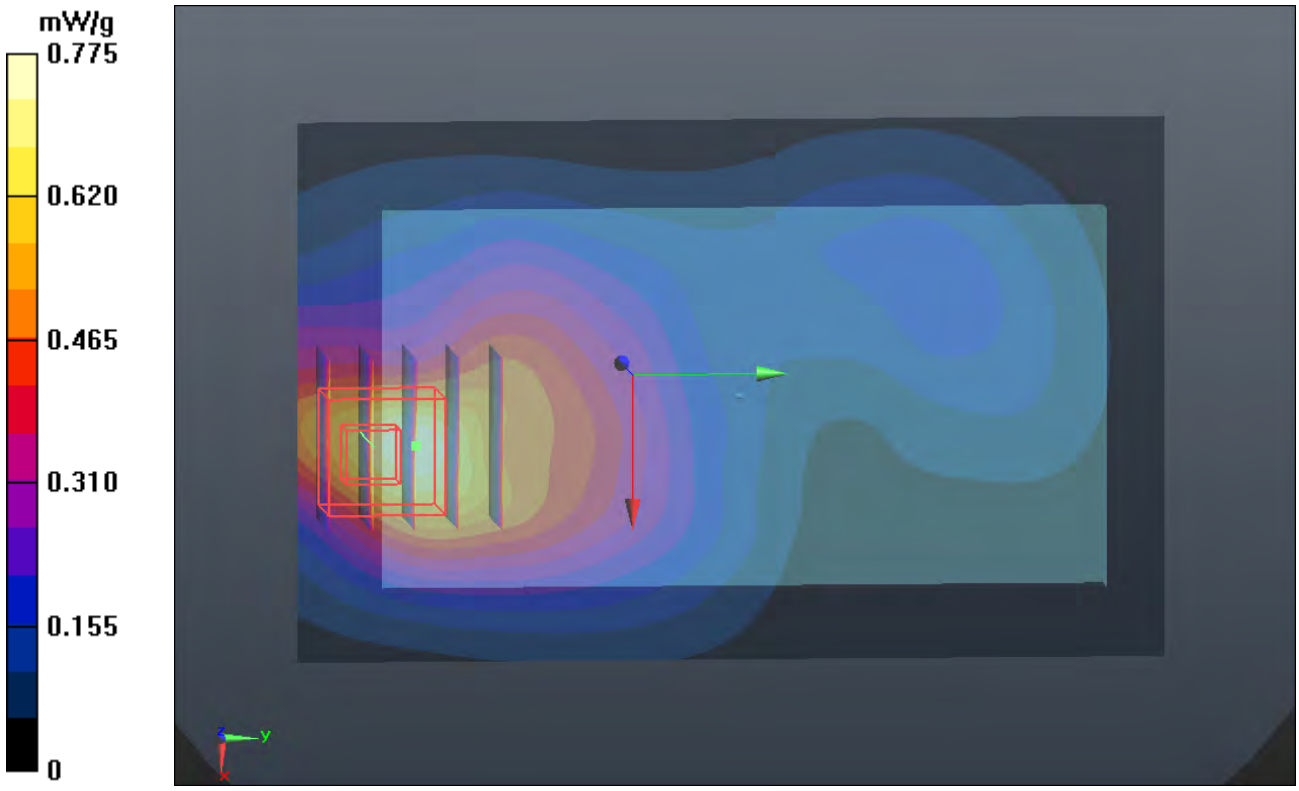
DUT: 120402C01

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.024; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.775 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.795 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.1530
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.931 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P46 GSM1900_GPRS10_Bottom Side_Ch512_1cm_Sample1

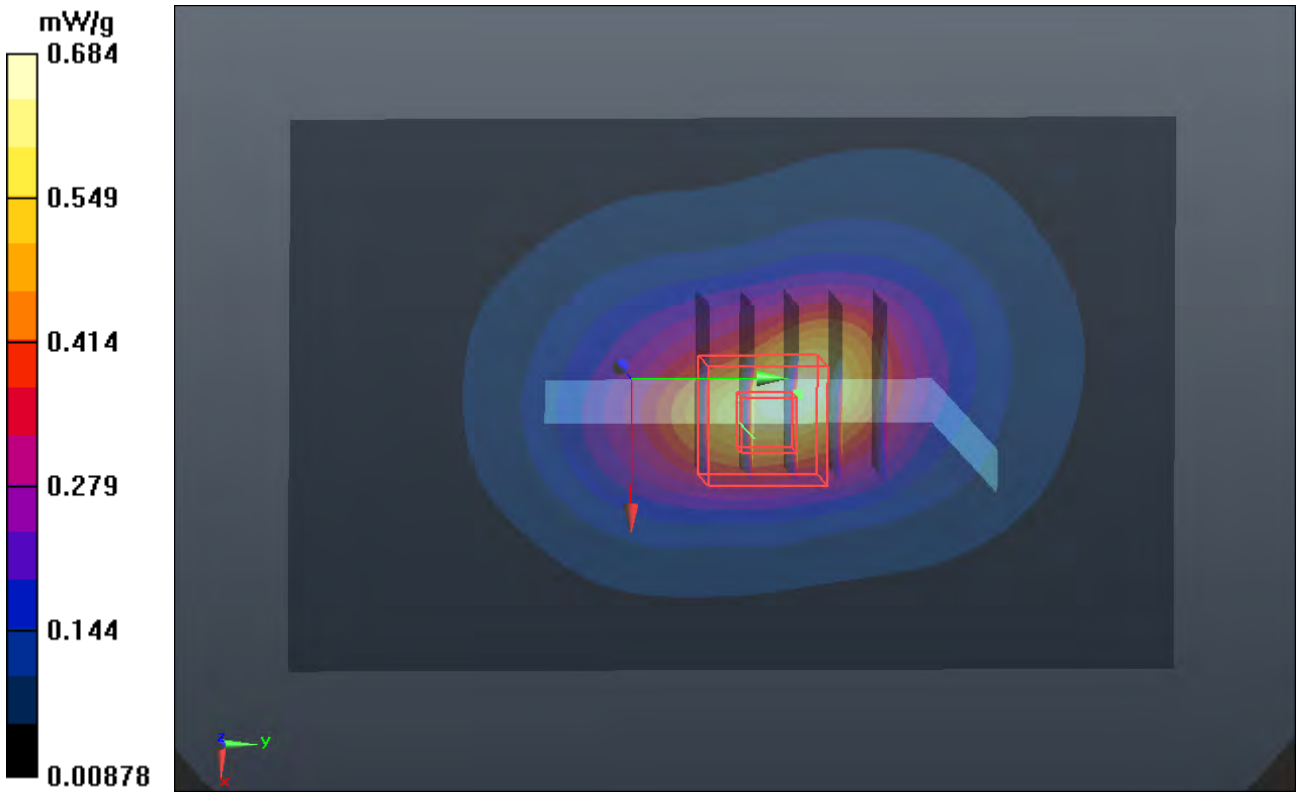
DUT: 120402C01

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used : f = 1850.2 MHz; σ = 1.493 mho/m; ε_r = 53.111; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.684 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.477 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 1.5340
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 0.793 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P47 GSM1900_GPRS10_Bottom Side_1cm_Ch661_Sample1

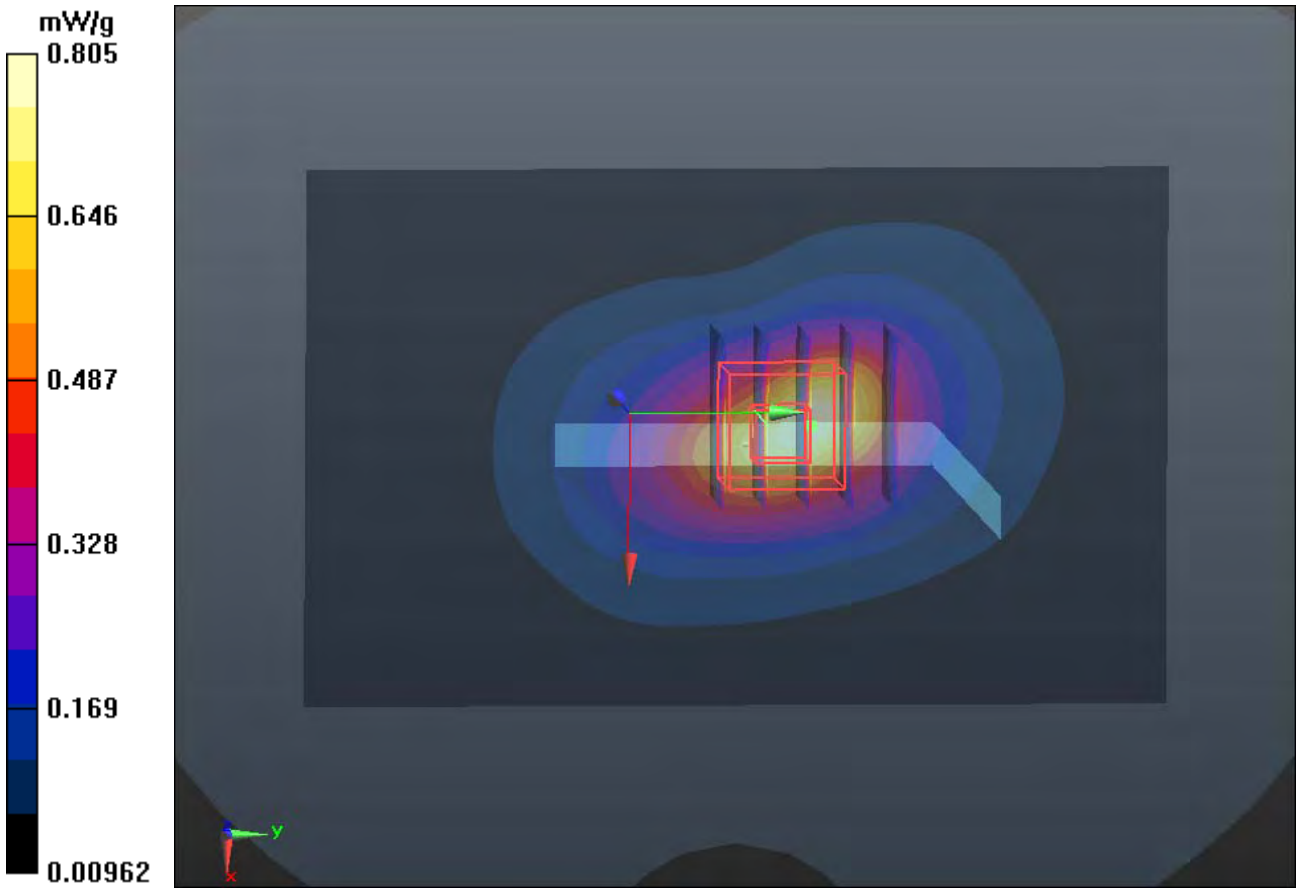
DUT: 120402C01

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.024; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.805 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.345 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.4510
SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 1.141 mW/g



P68 GSM1900_GPRS10_Front Face_Ch810_Sample2

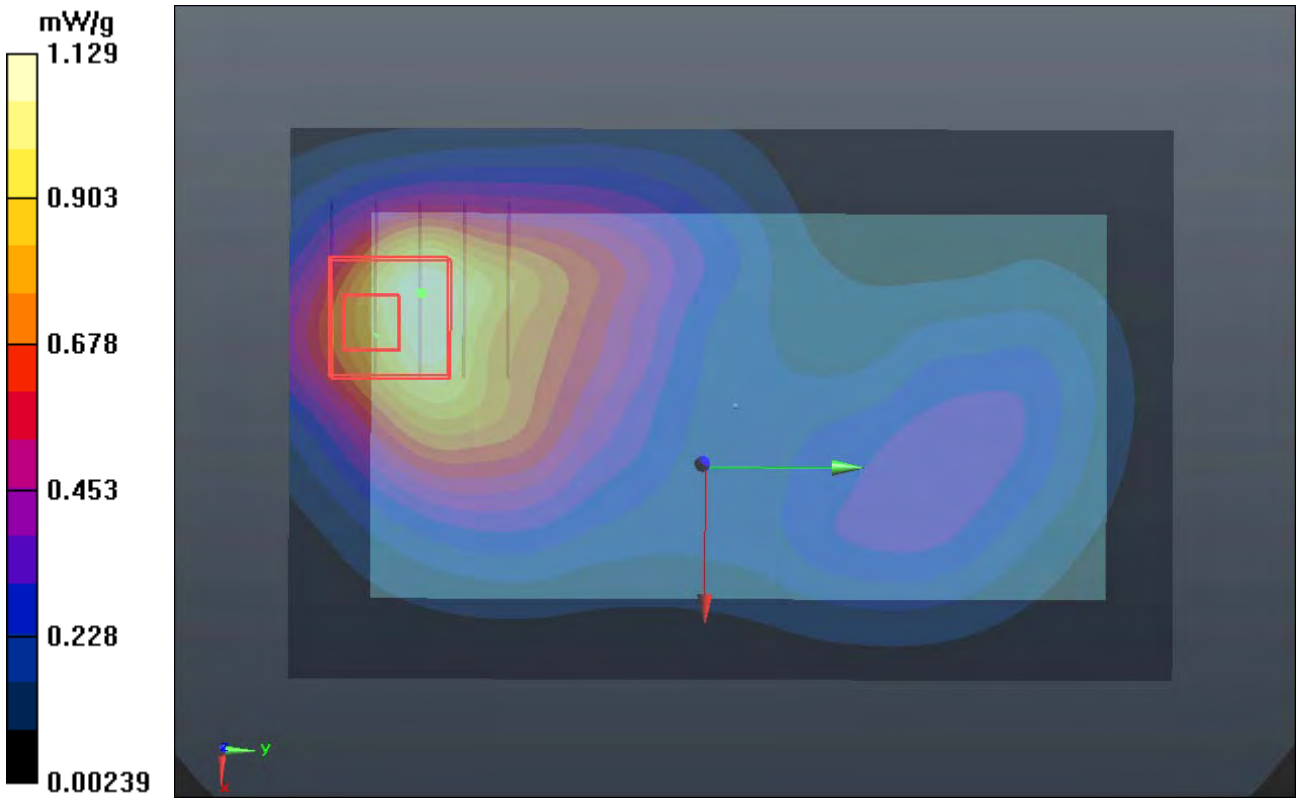
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0420 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 52.967; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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) = 1.13 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.941 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.582 mW/g
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 1.27 mW/g



P69 GSM1900_GPRS10_Front Face_Ch512_Sample2

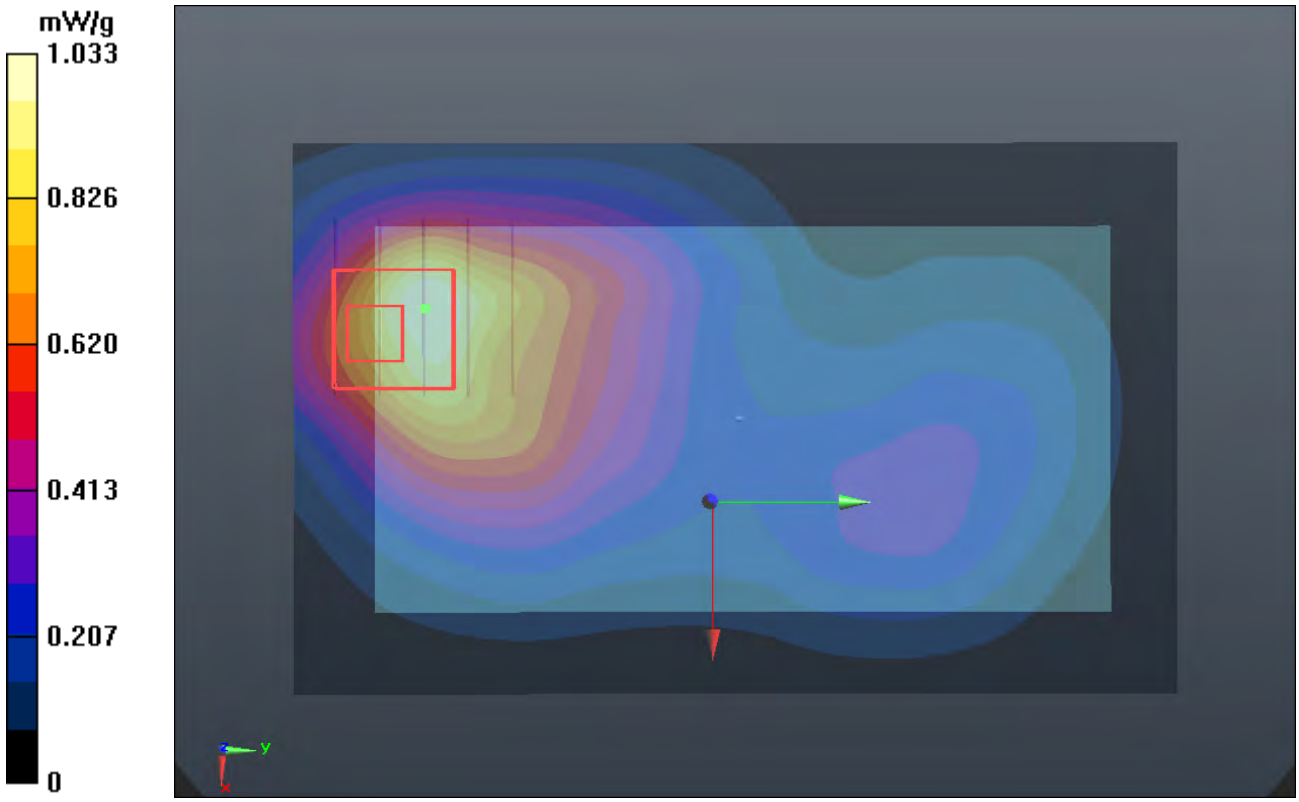
DUT: 120402C01

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0420 Medium parameters used : f = 1850.2 MHz; σ = 1.491 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- 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) = 1.03 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.491 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.381 mW/g
SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/20

P70 GSM1900_GPRS10_Front Face_Ch661_Sample2

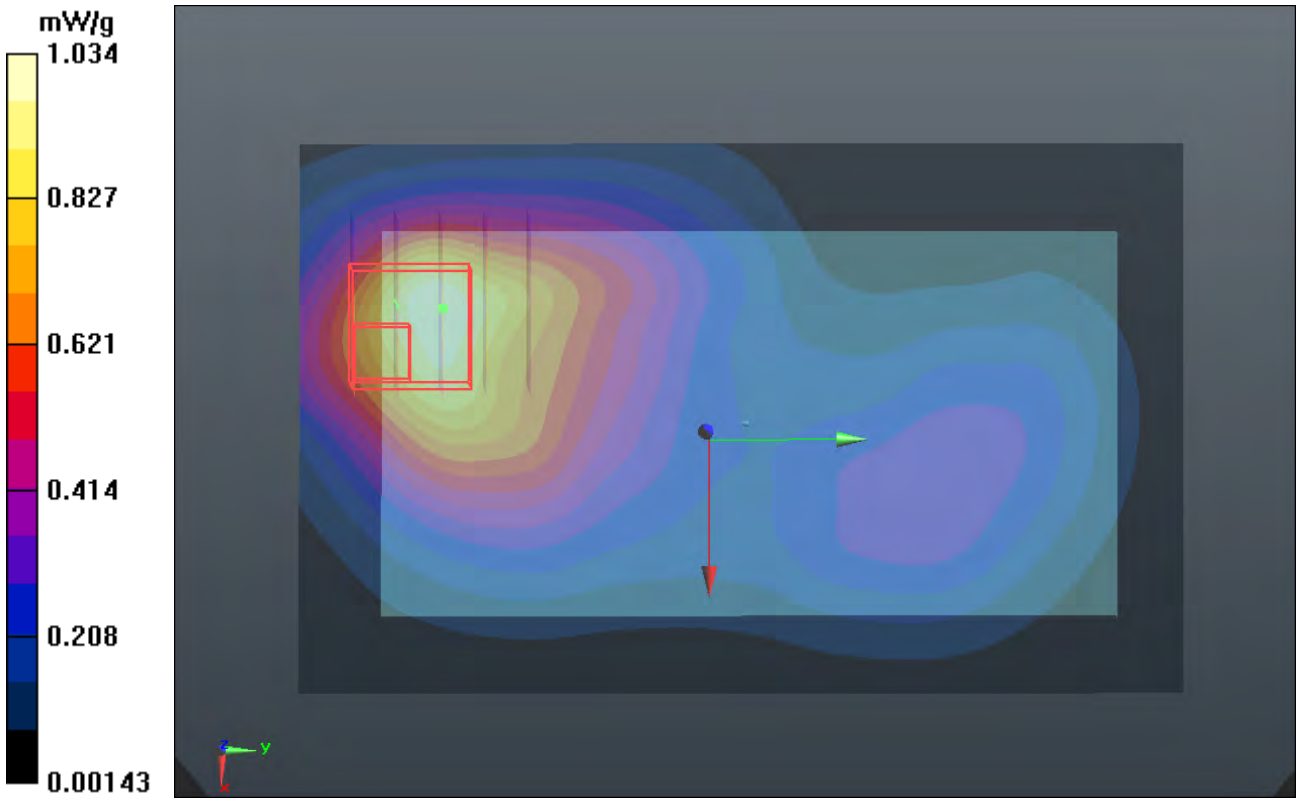
DUT: 120402C01

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0420 Medium parameters used: f = 1880 MHz; σ = 1.522 mho/m; ε_r = 53.074; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- 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) = 1.03 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.672 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.833 mW/g
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P39 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1_Earphone

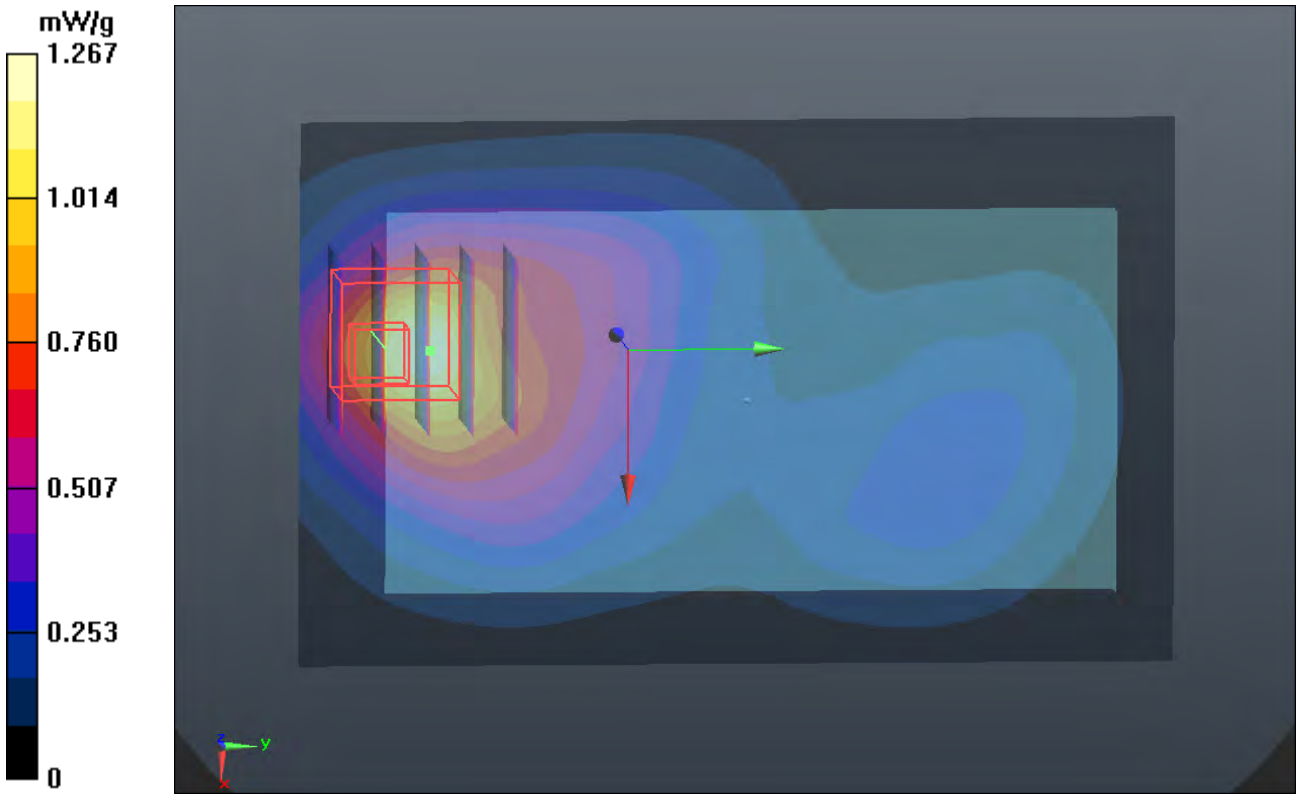
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.267 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.471 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.7360
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 1.386 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P40 GSM1900_GPRS10_Rear Face_1cm_Ch810_Sample1_Earphone

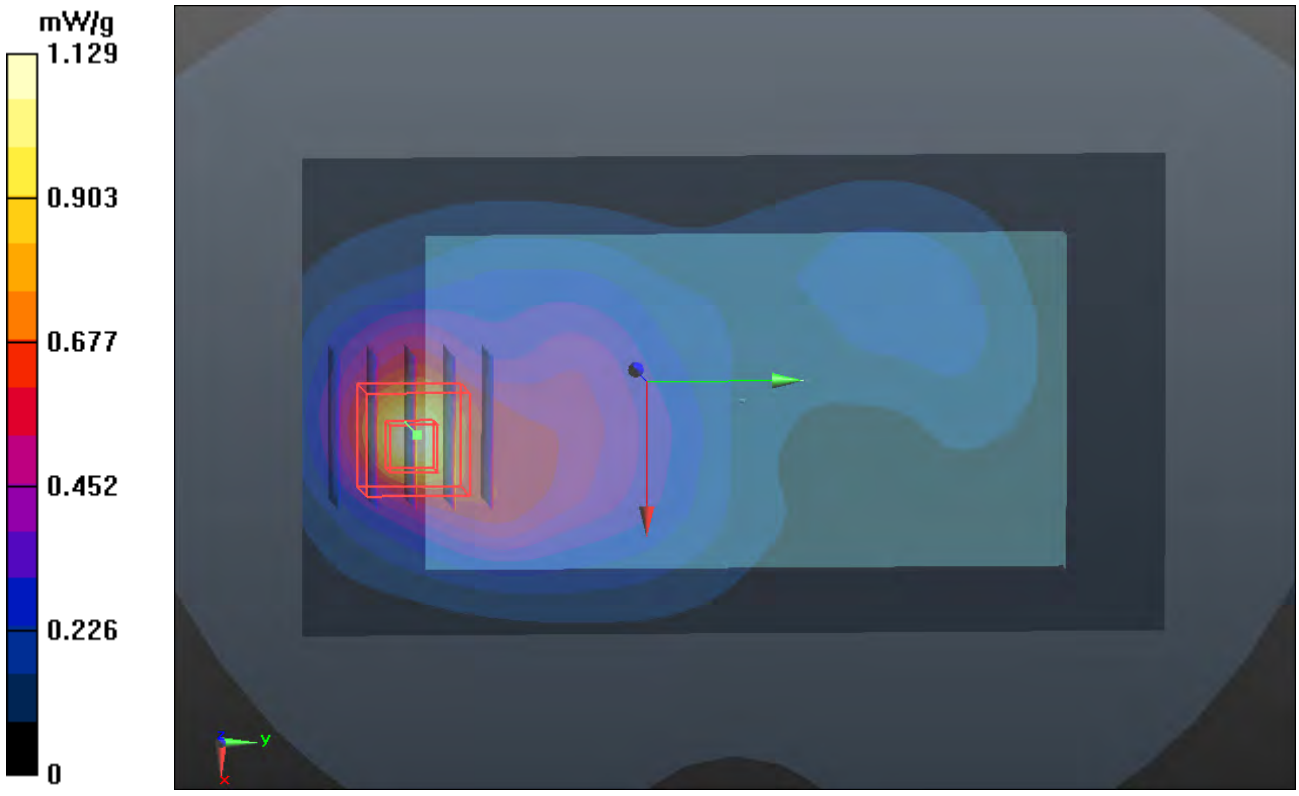
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1910 MHz; σ = 1.561 mho/m; ε_r = 52.919; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.129 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.071 V/m; Power Drift = 0.0058 dB
Peak SAR (extrapolated) = 1.3300
SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 1.064 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P41 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample1_Earphone

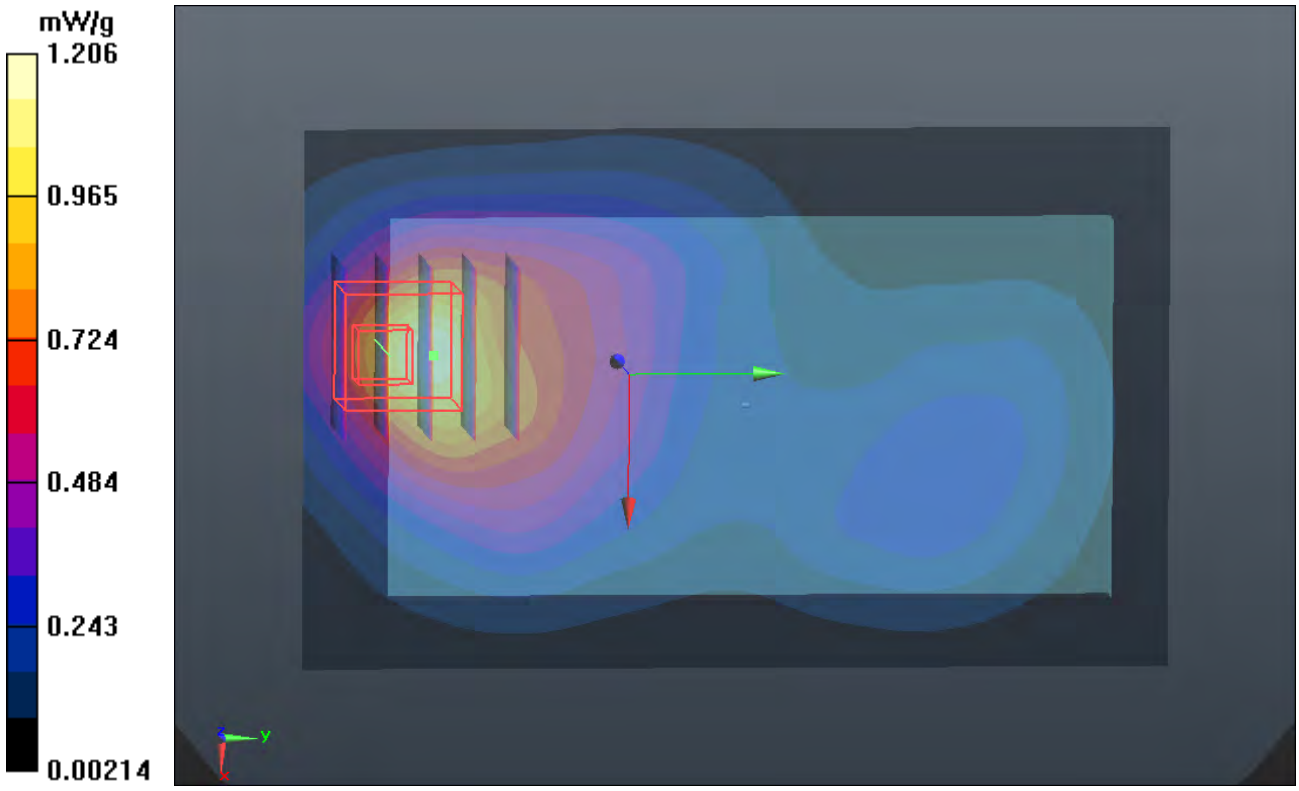
DUT: 120402C01

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used : f = 1850.2 MHz; σ = 1.493 mho/m; ε_r = 53.111; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.206 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.208 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.5220
SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 1.248 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/08

P42 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1_Earphone

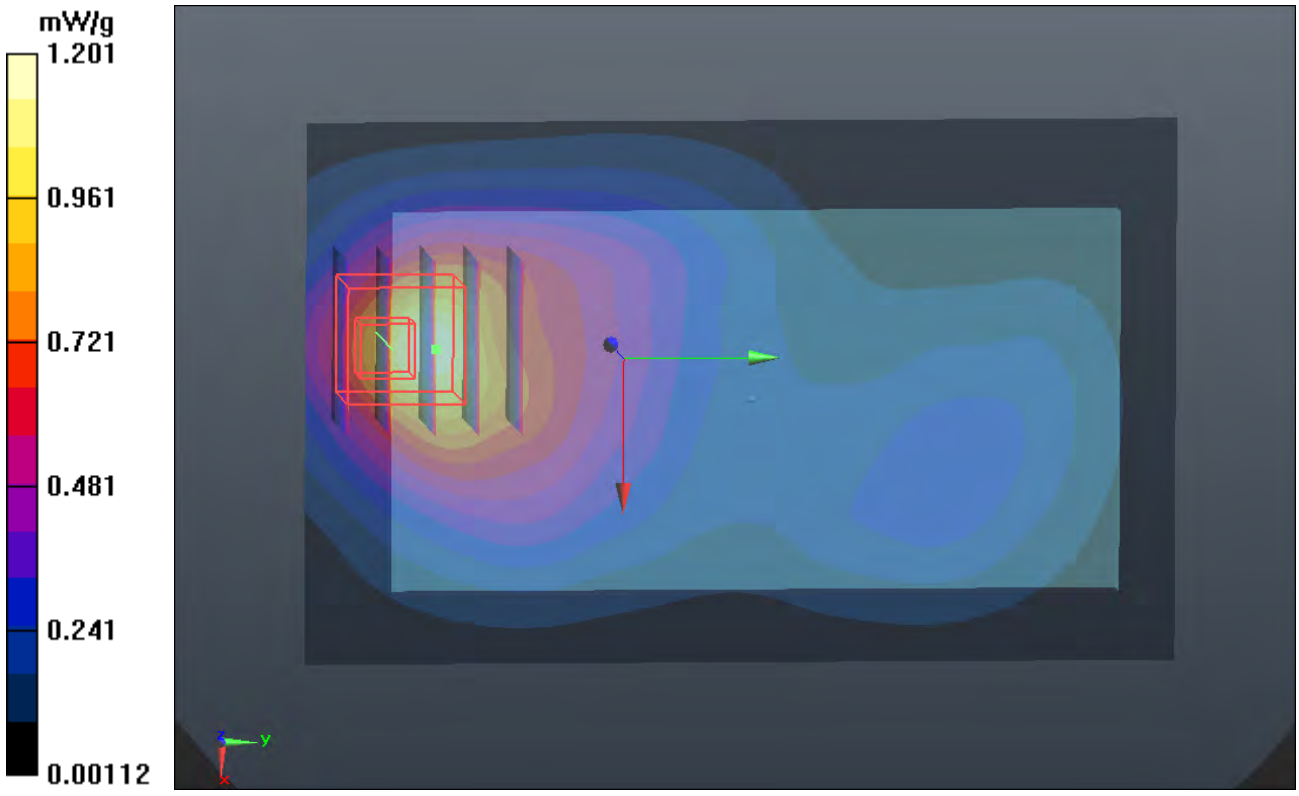
DUT: 120402C01

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.024; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.201 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.966 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.5600
SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 1.286 mW/g



P71 GSM1900_GPRS10_Front Face_Ch810_Sample2_Earphone

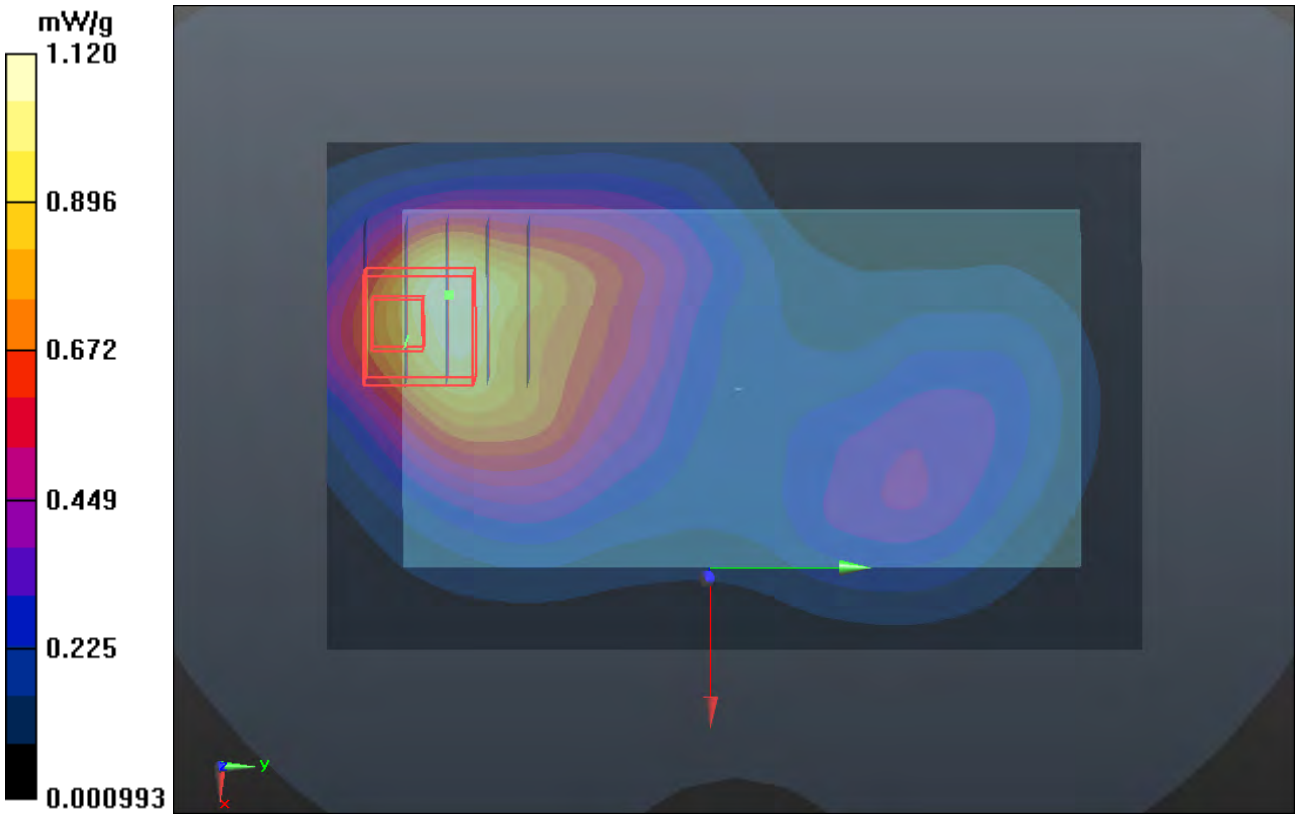
DUT: 120402C01

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0420 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 52.967; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- 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) = 1.12 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.392 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.581 mW/g
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



P72 GSM1900_GPRS10_Front Face_Ch512_Sample2_Earphone

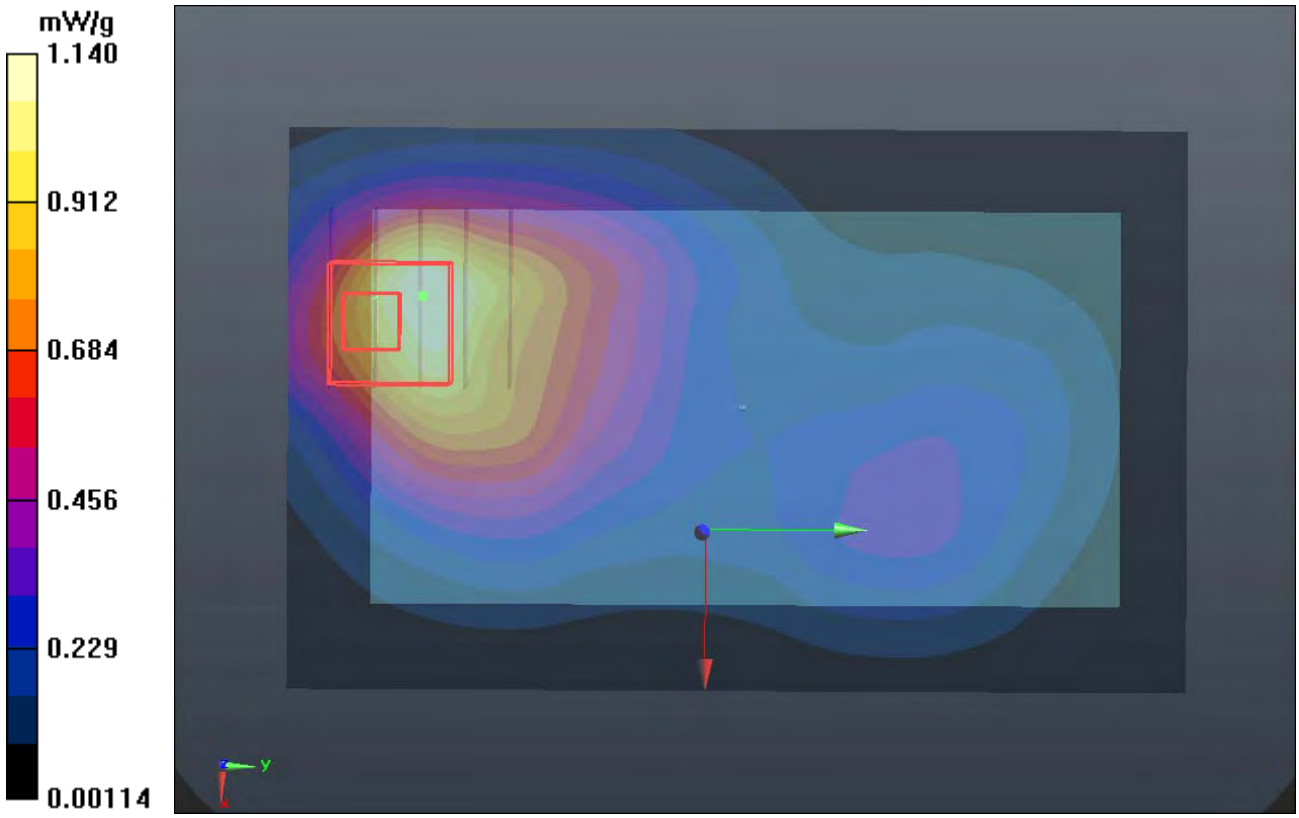
DUT: 120402C01

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0420 Medium parameters used : f = 1850.2 MHz; σ = 1.491 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- 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) = 1.14 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.608 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.500 mW/g
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.532 mW/g
Maximum value of SAR (measured) = 1.22 mW/g



P73 GSM1900_GPRS10_Front Face_Ch661_Sample2_Earphone

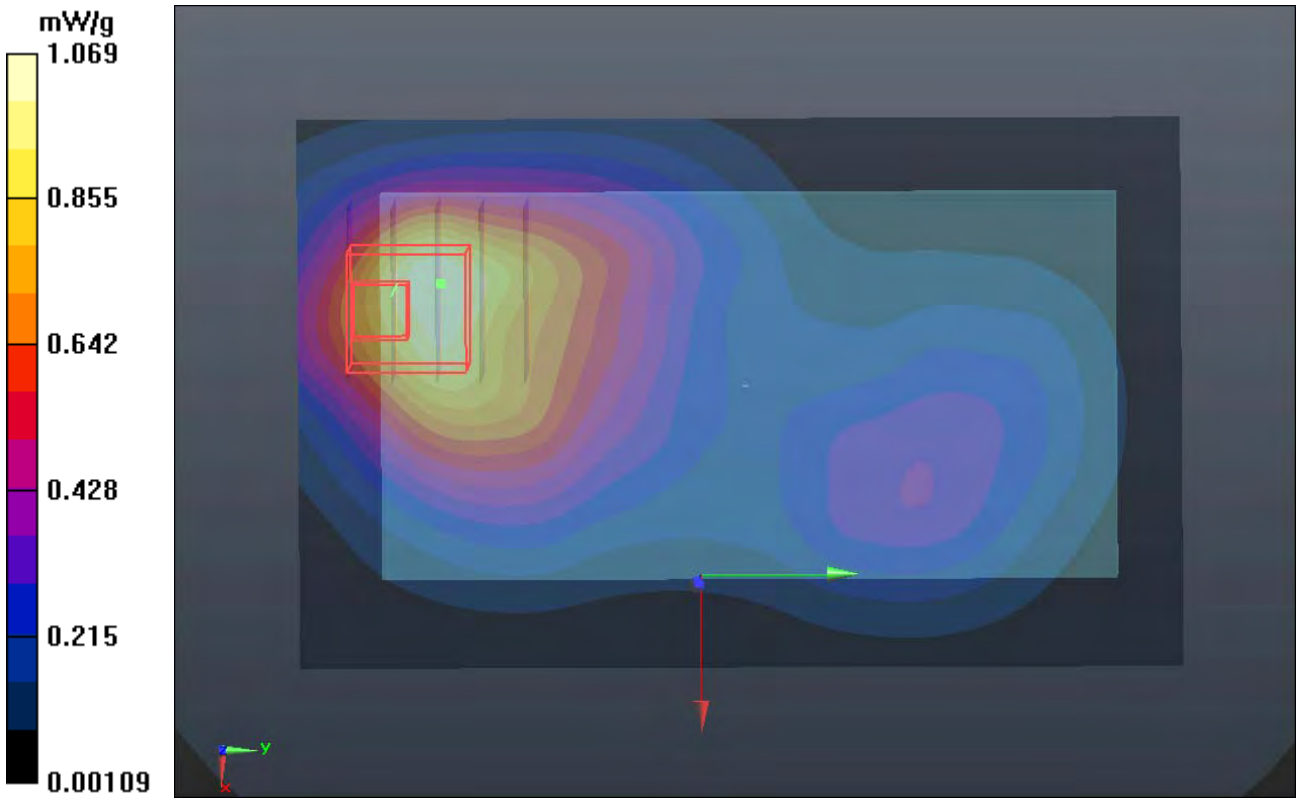
DUT: 120402C01

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0420 Medium parameters used: f = 1880 MHz; σ = 1.522 mho/m; ε_r = 53.074; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- 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) = 1.07 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.834 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.405 mW/g
SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



P44 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample1

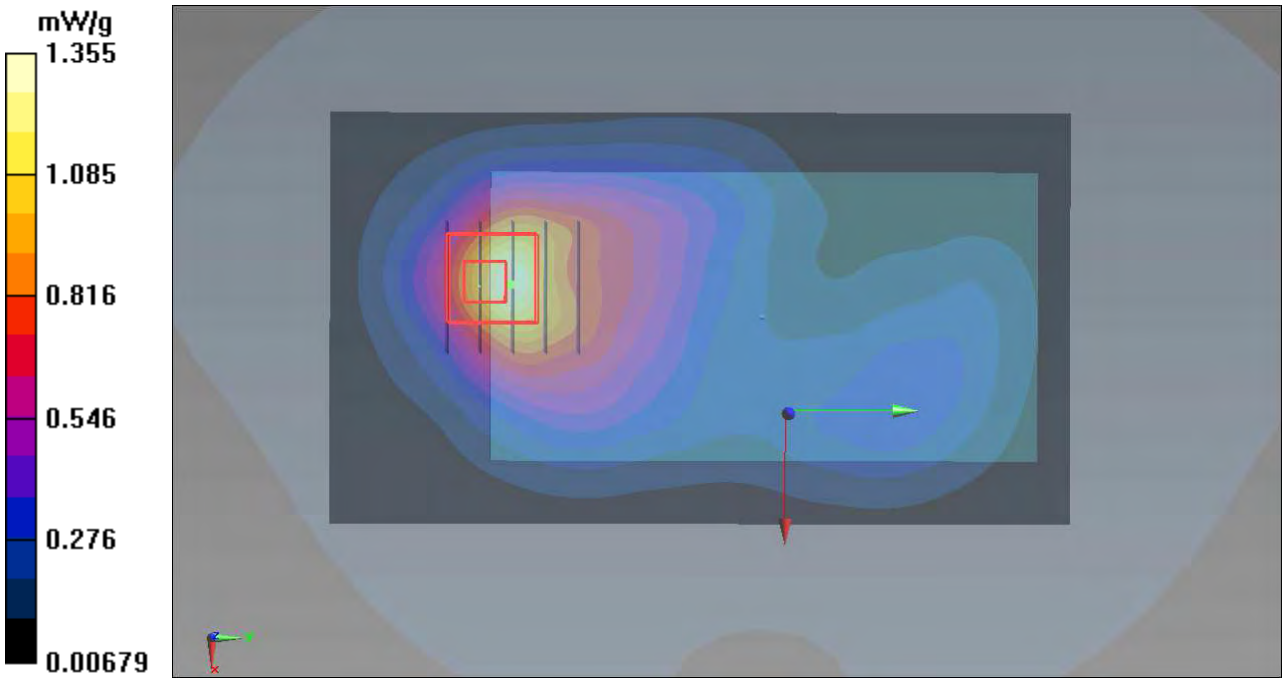
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.355 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.429 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.6500
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.492 mW/g
Maximum value of SAR (measured) = 1.278 mW/g



P45 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1

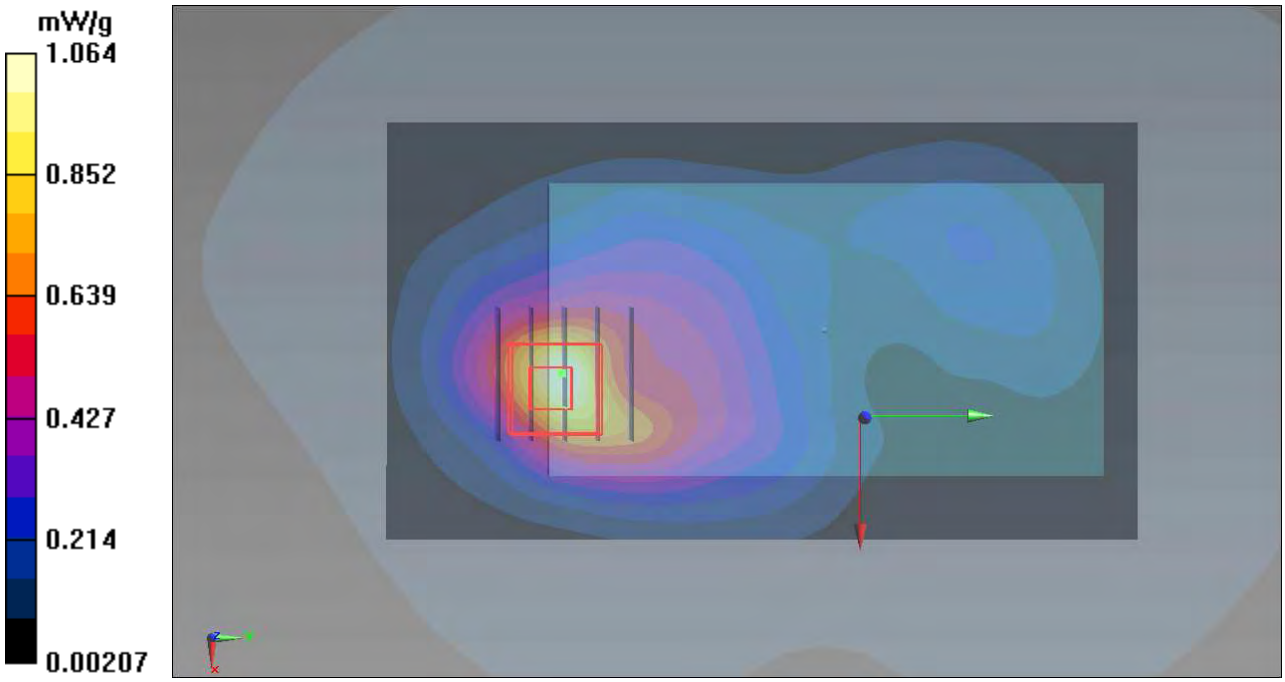
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.064 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.026 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.4060
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.417 mW/g
Maximum value of SAR (measured) = 1.077 mW/g



P46 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400_Sample1

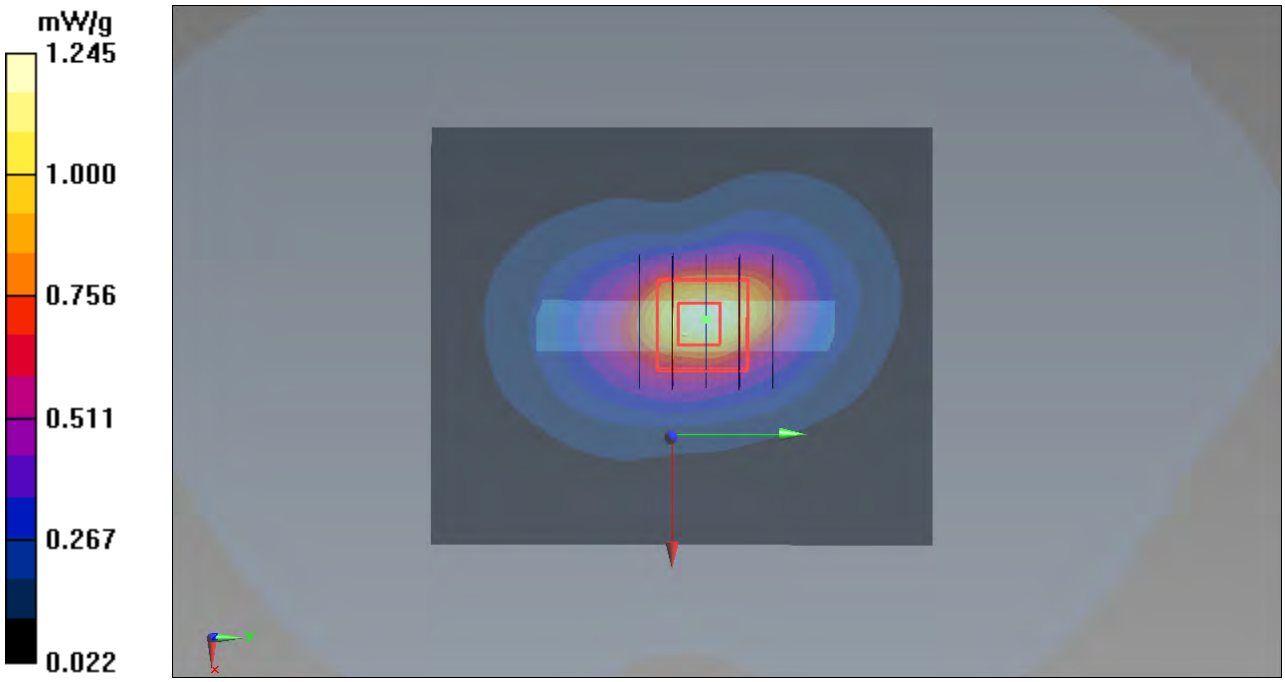
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.245 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.467 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.9840
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 1.545 mW/g



P47 WCDMA II_RMC12.2K_Left Side_1cm_Ch9400_Sample1

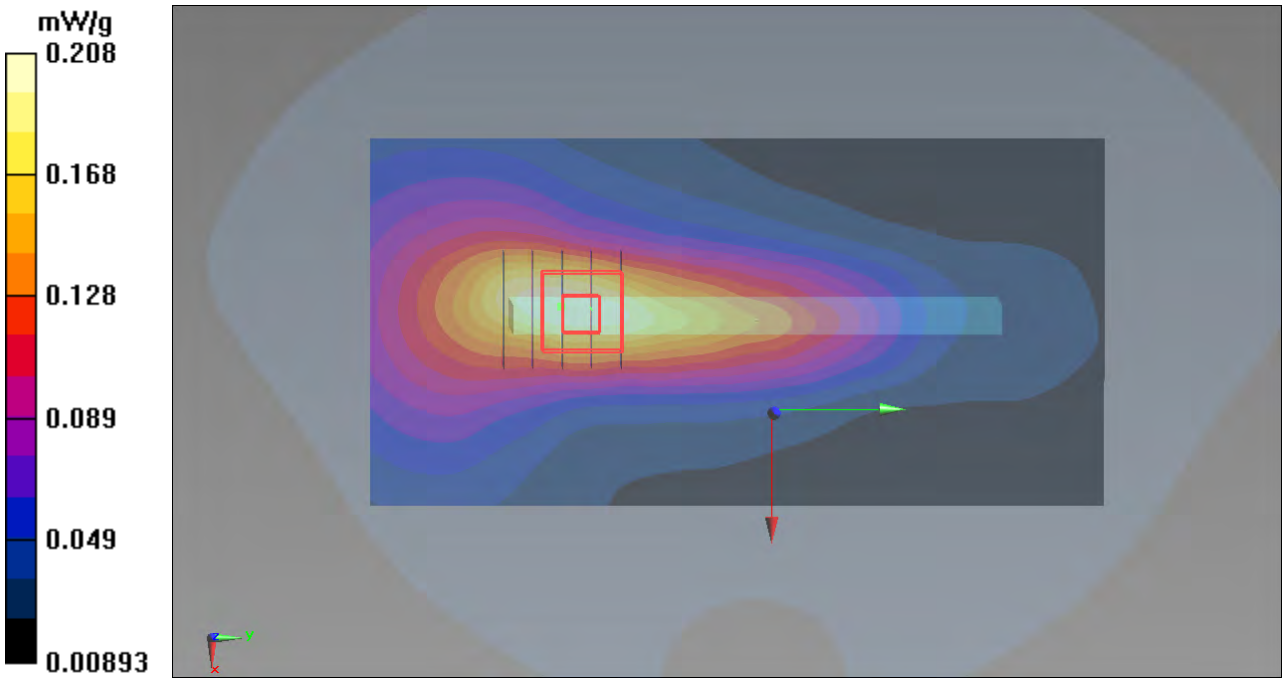
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.208 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.981 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.2880
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.225 mW/g



P48 WCDMA II_RMC12.2K_Right Side_1cm_Ch9400_Sample1

DUT: 120402C01

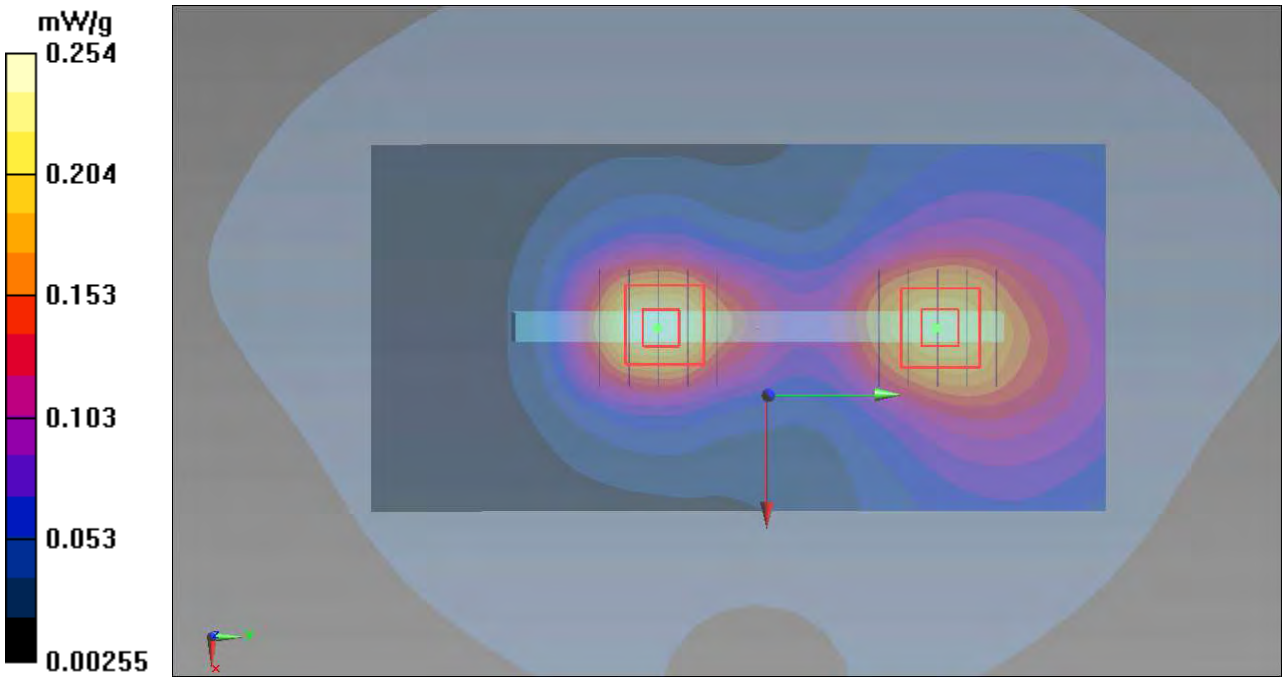
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.254 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.539 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.3070
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.246 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.539 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.3020
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.243 mW/g



P49 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample1

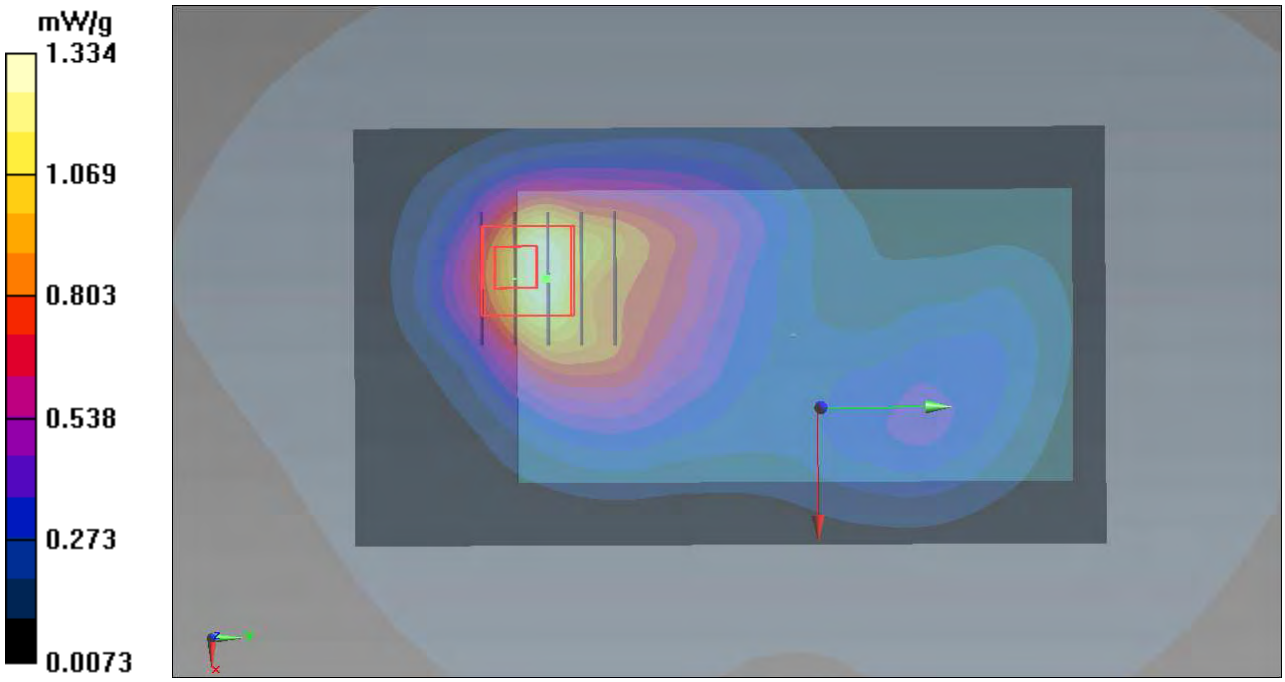
DUT: 120402C01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used : f = 1852.4 MHz; σ = 1.472 mho/m; ε_r = 53.907; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.334 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.537 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.6130
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 1.261 mW/g



P50 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Sample1

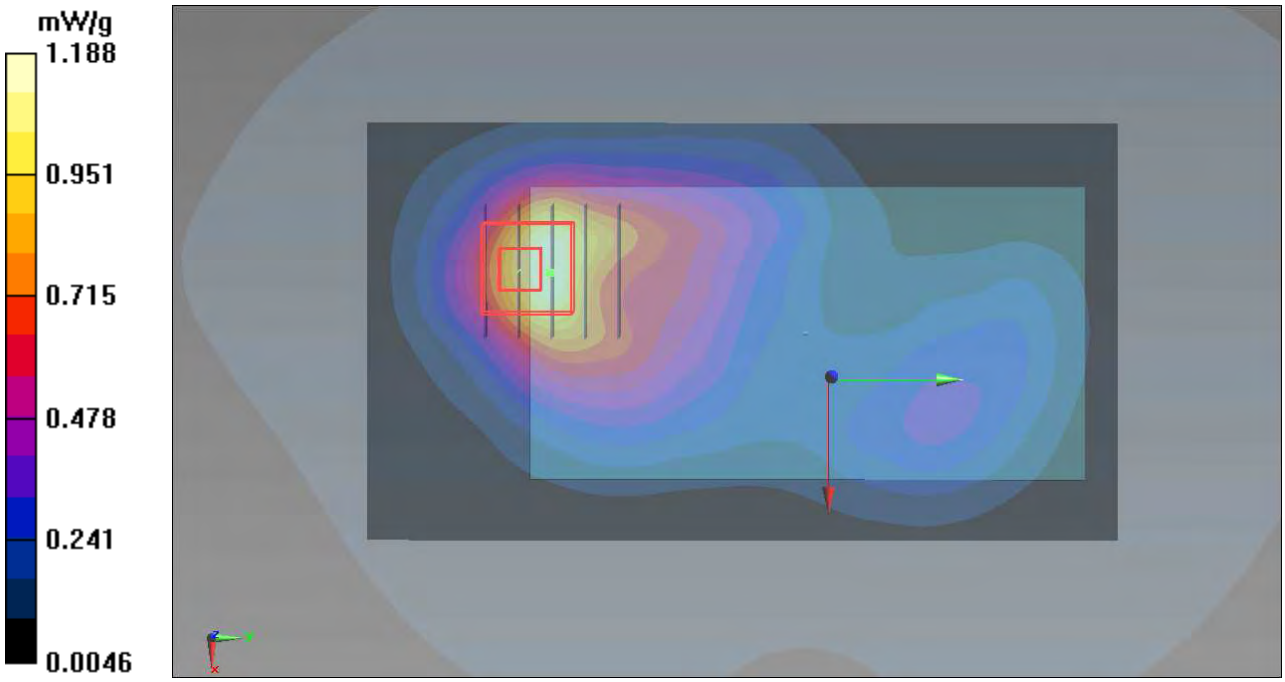
DUT: 120402C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1908 MHz; σ = 1.543 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.188 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.738 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.5930
SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 1.239 mW/g



P57 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262_Sample1

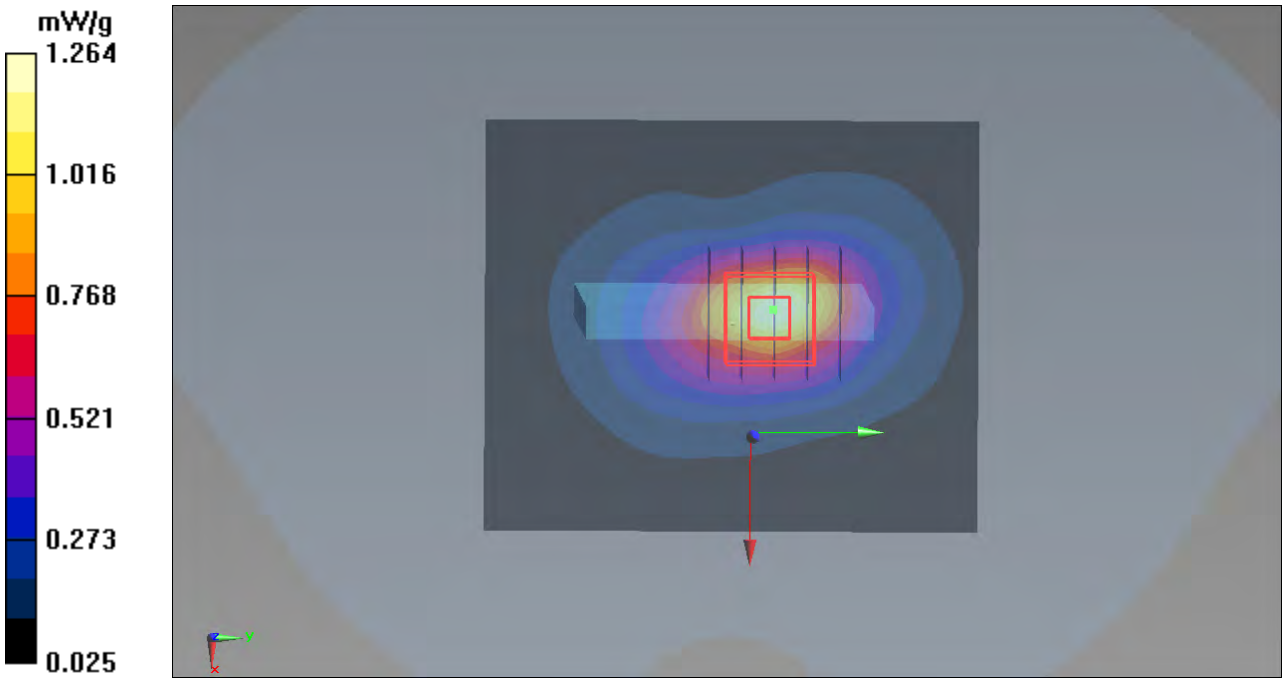
DUT: 120402C01

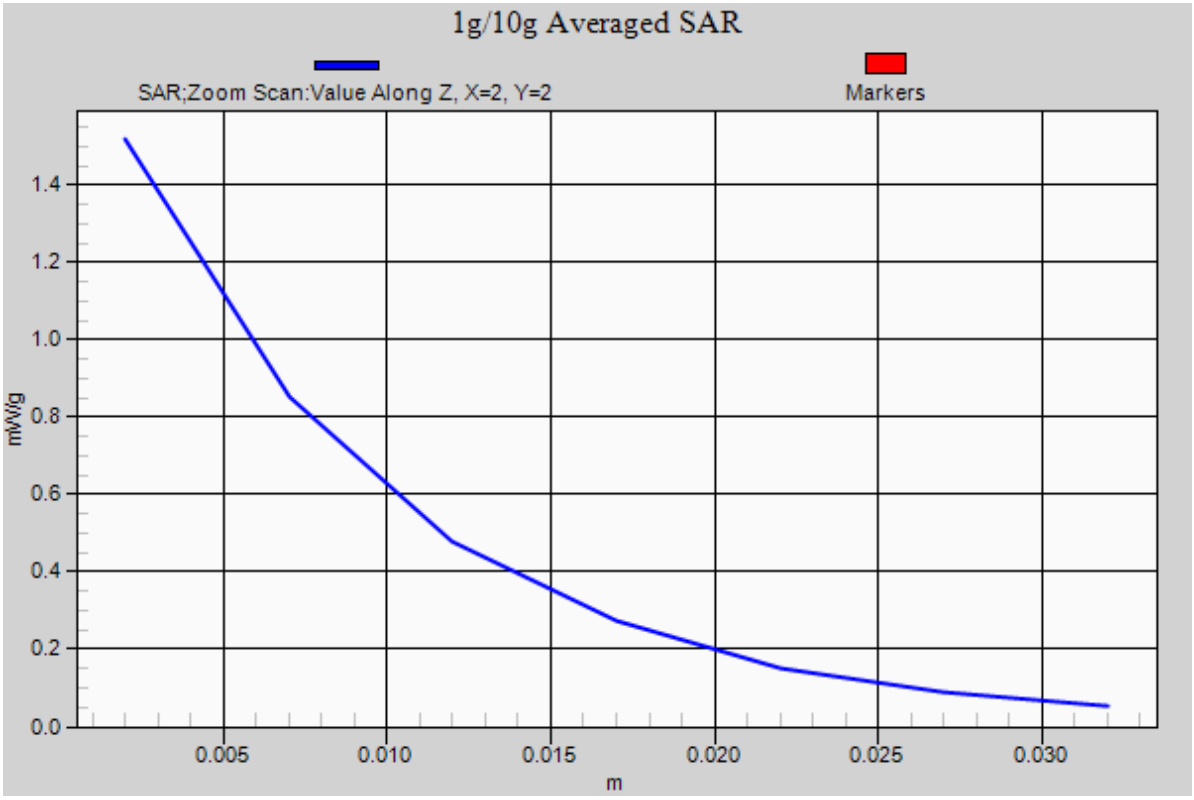
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used : f = 1852.4 MHz; σ = 1.472 mho/m; ε_r = 53.907; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.264 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.169 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.9550
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.545 mW/g
Maximum value of SAR (measured) = 1.518 mW/g




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

P58 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538_Sample1

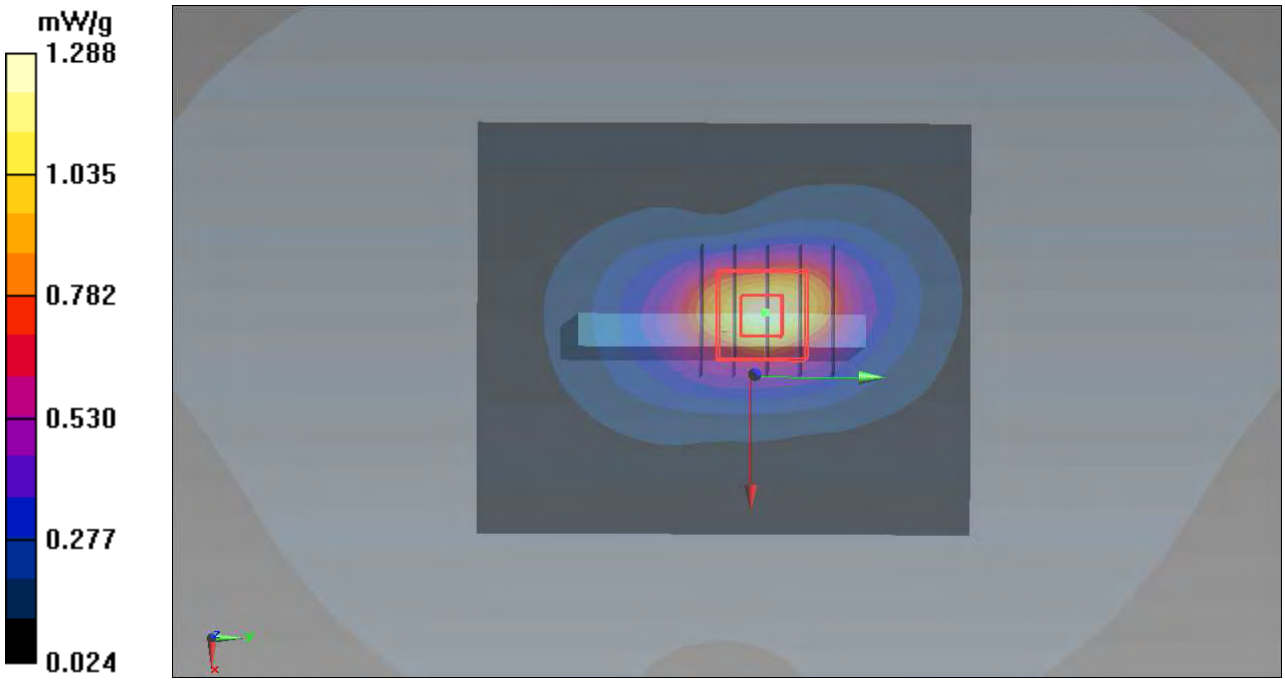
DUT: 120402C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1908 MHz; σ = 1.543 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.288 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.331 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.9660
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.527 mW/g
Maximum value of SAR (measured) = 1.521 mW/g



P74 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262_Sample2

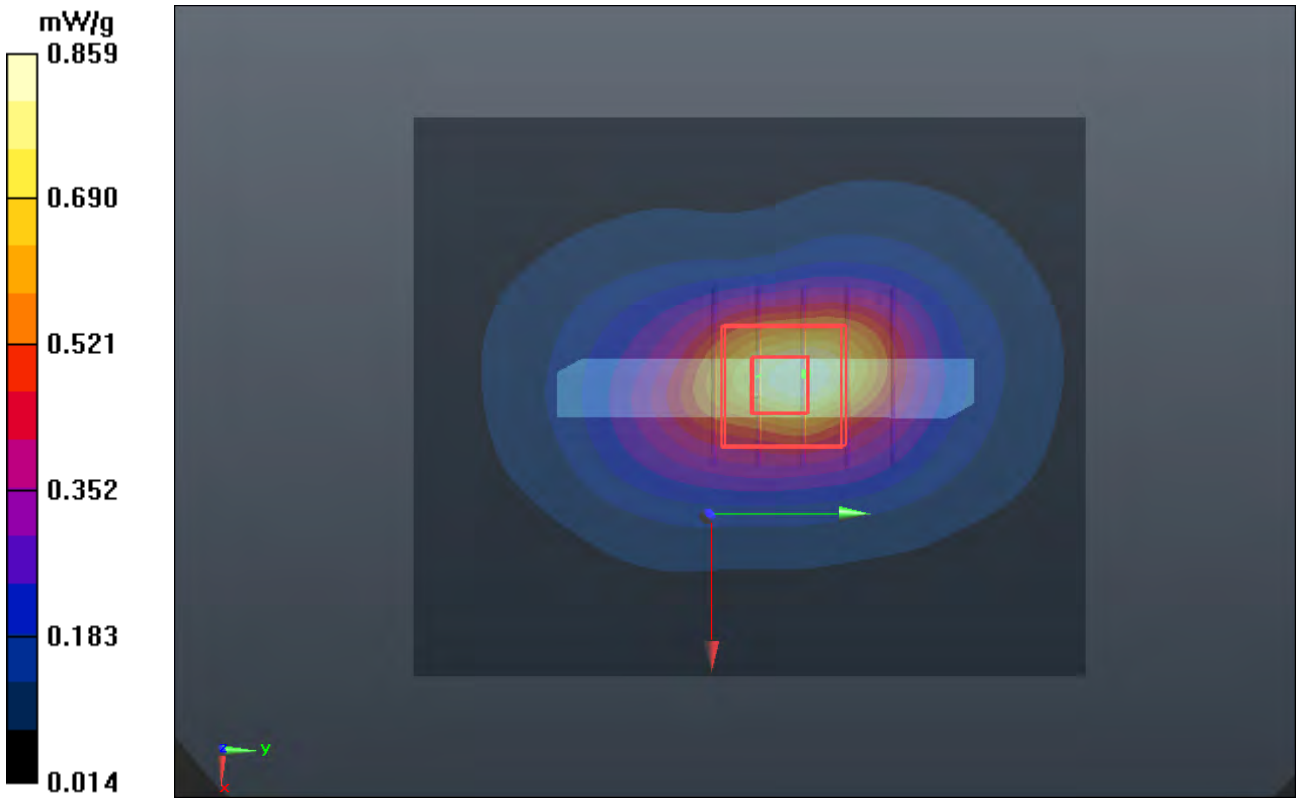
DUT: 120402C01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0420 Medium parameters used : f = 1852.4 MHz; σ = 1.493 mho/m; ε_r = 53.174; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.859 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.378 V/m; Power Drift = 0.22 dB
Peak SAR (extrapolated) = 1.609 mW/g
SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



P75 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400_Sample2

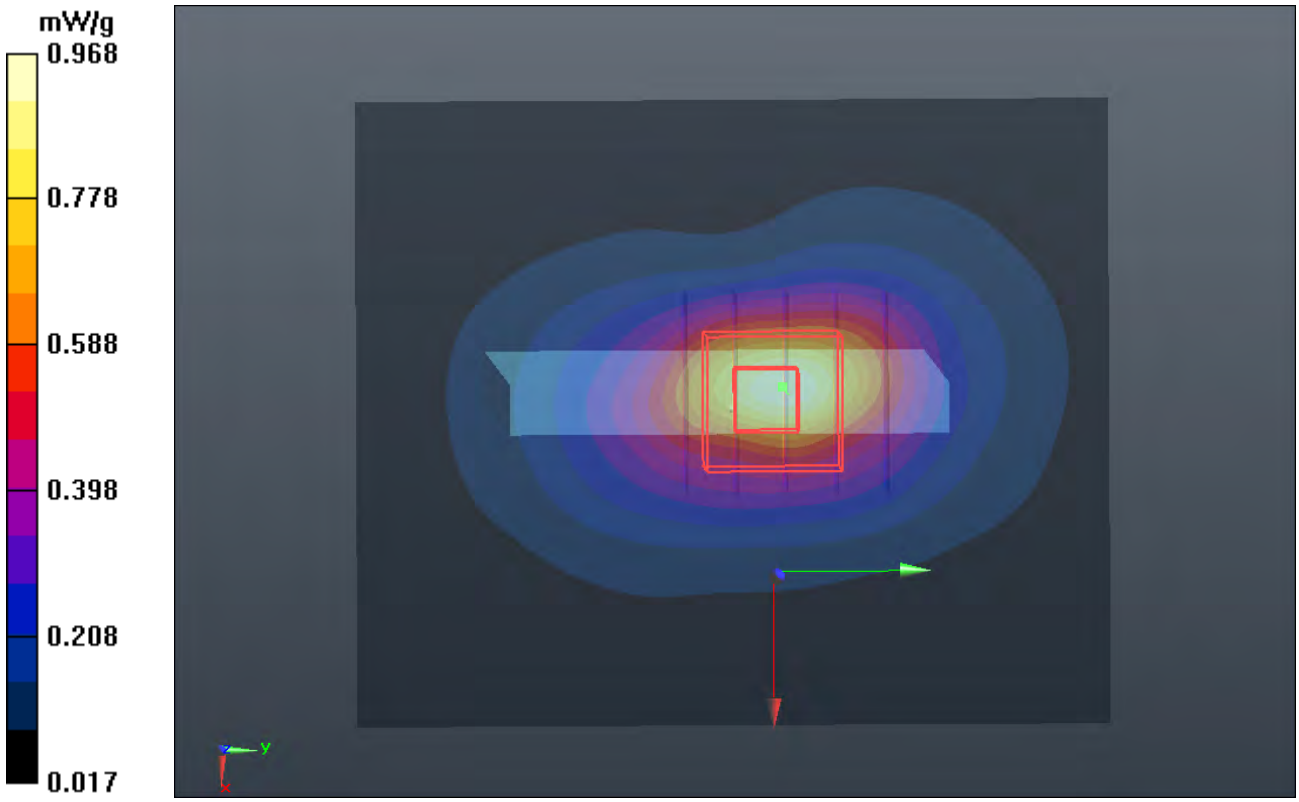
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0420 Medium parameters used: f = 1880 MHz; σ = 1.522 mho/m; ε_r = 53.074; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.968 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.802 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.678 mW/g
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



P76 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538_Sample2

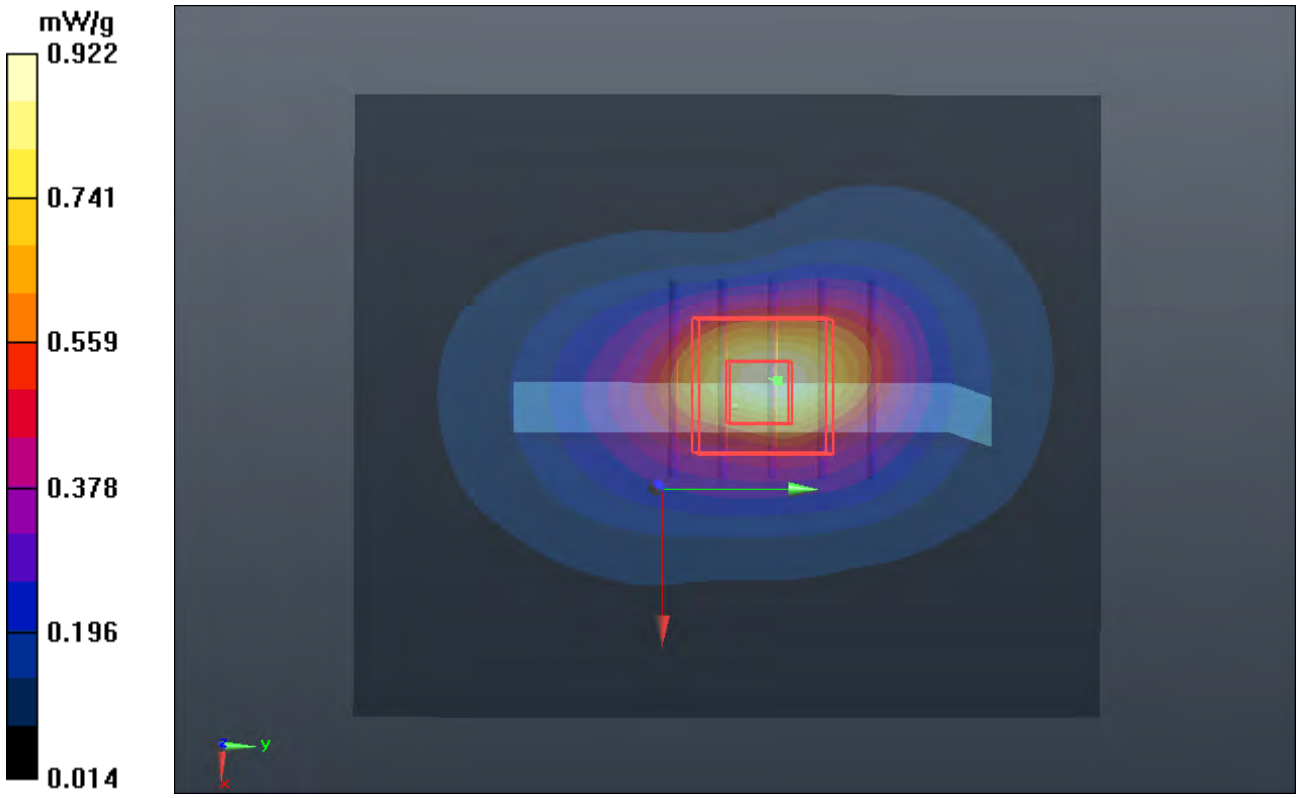
DUT: 120402C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0420 Medium parameters used: f = 1908 MHz; σ = 1.555 mho/m; ε_r = 52.971; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.922 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.271 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.632 mW/g
SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.466 mW/g
Maximum value of SAR (measured) = 1.28 mW/g



P52 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample1_Earphone

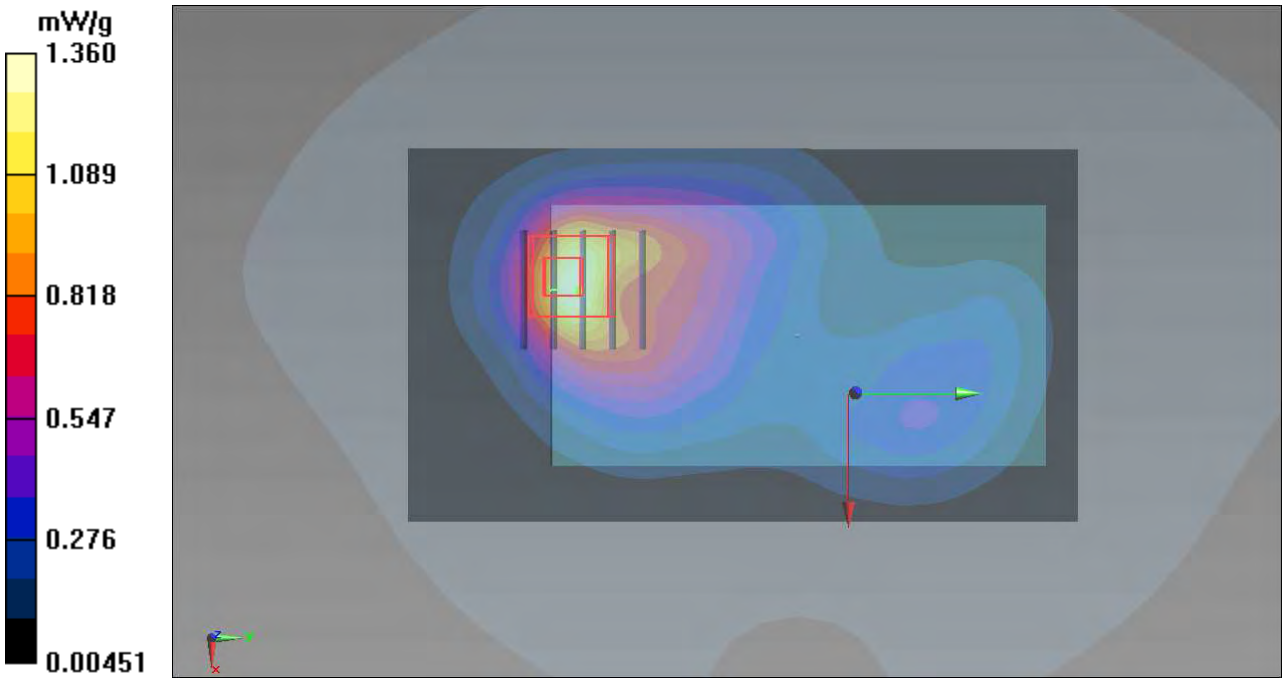
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.360 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.093 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.6080
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 1.220 mW/g



P53 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1_Earphone

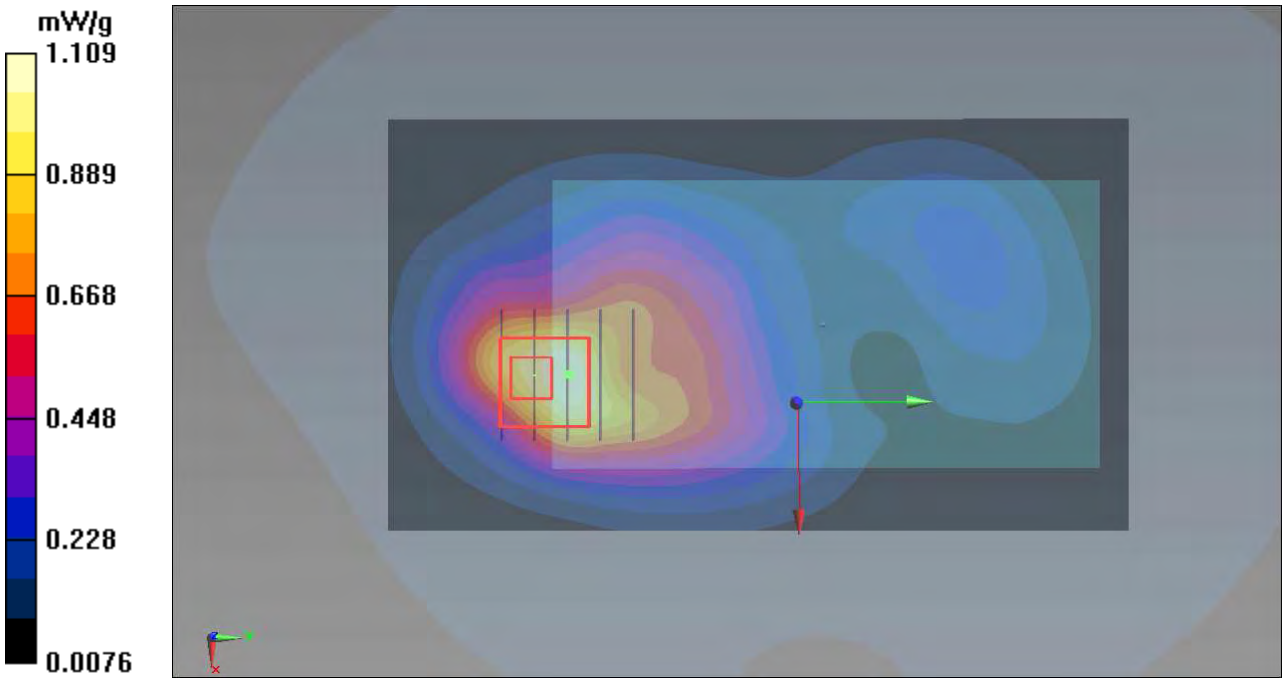
DUT: 120402C01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r = 53.803; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.109 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.372 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.6270
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 1.271 mW/g



P54 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample1_Earphone

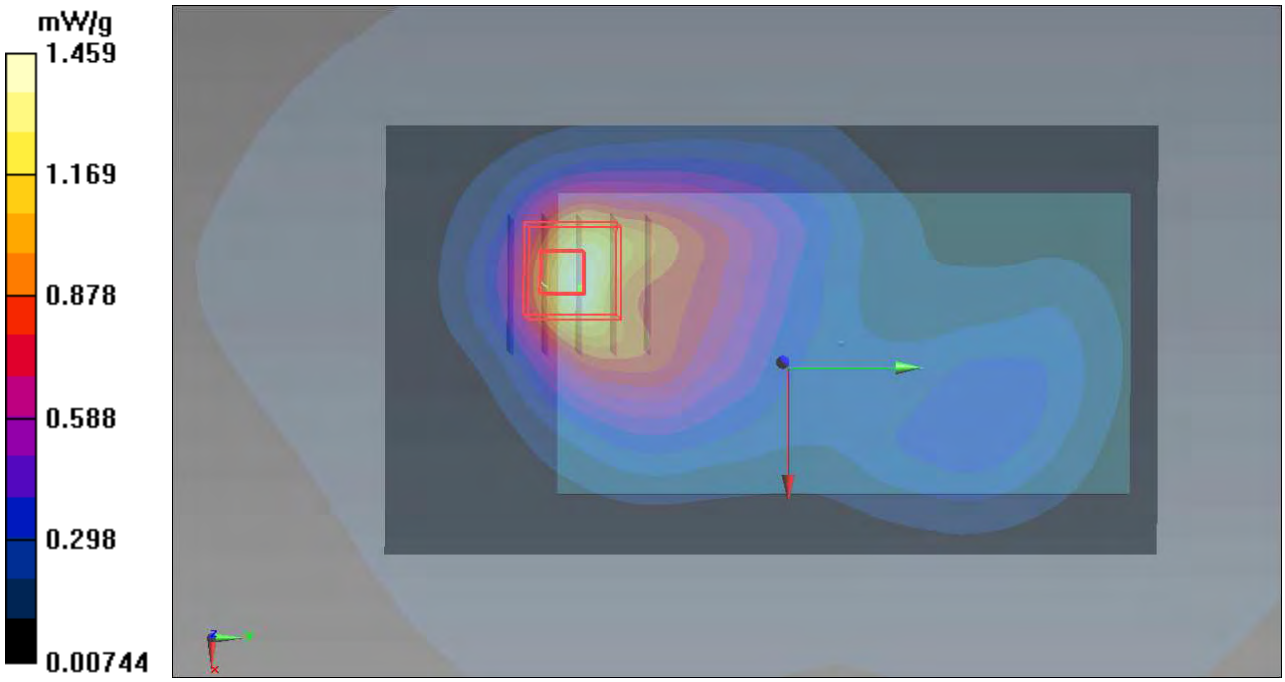
DUT: 120402C01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used : f = 1852.4 MHz; σ = 1.472 mho/m; ε_r = 53.907; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.459 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.134 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.6580
SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.519 mW/g
Maximum value of SAR (measured) = 1.251 mW/g



P55 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Sample1_Earphone

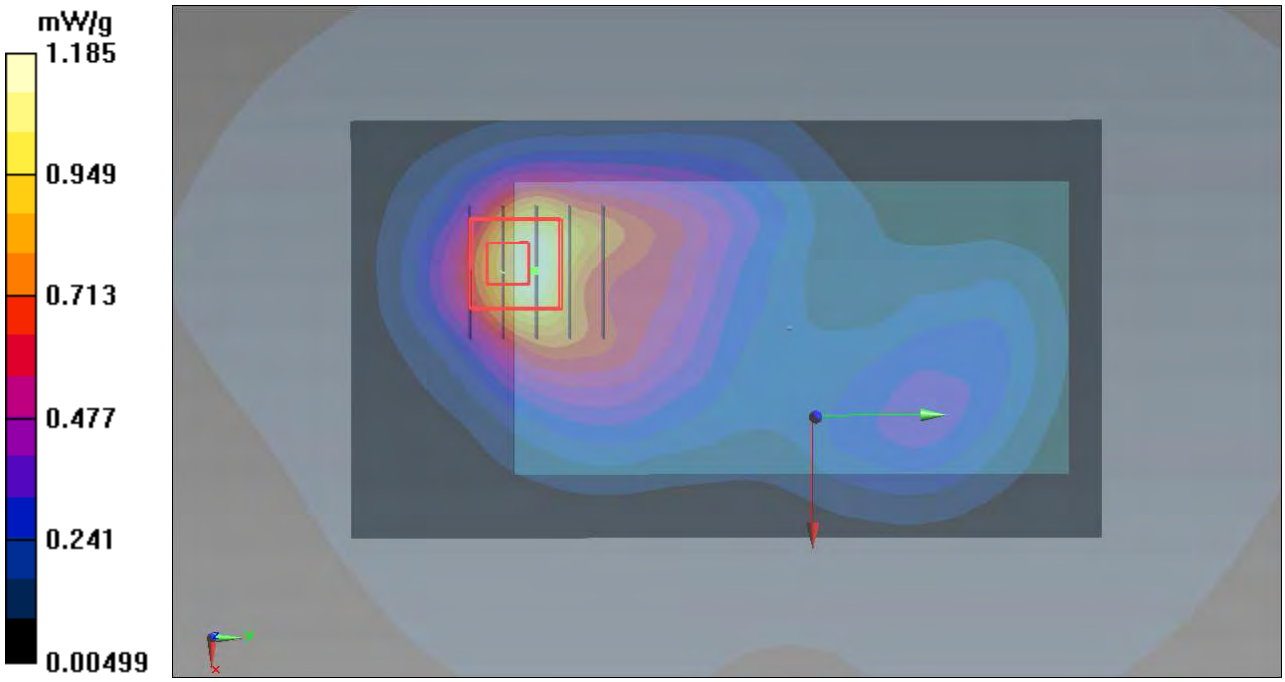
DUT: 120402C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1908 MHz; σ = 1.543 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.185 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.873 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.5560
SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.458 mW/g
Maximum value of SAR (measured) = 1.209 mW/g



P59 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Sample1_Earphone

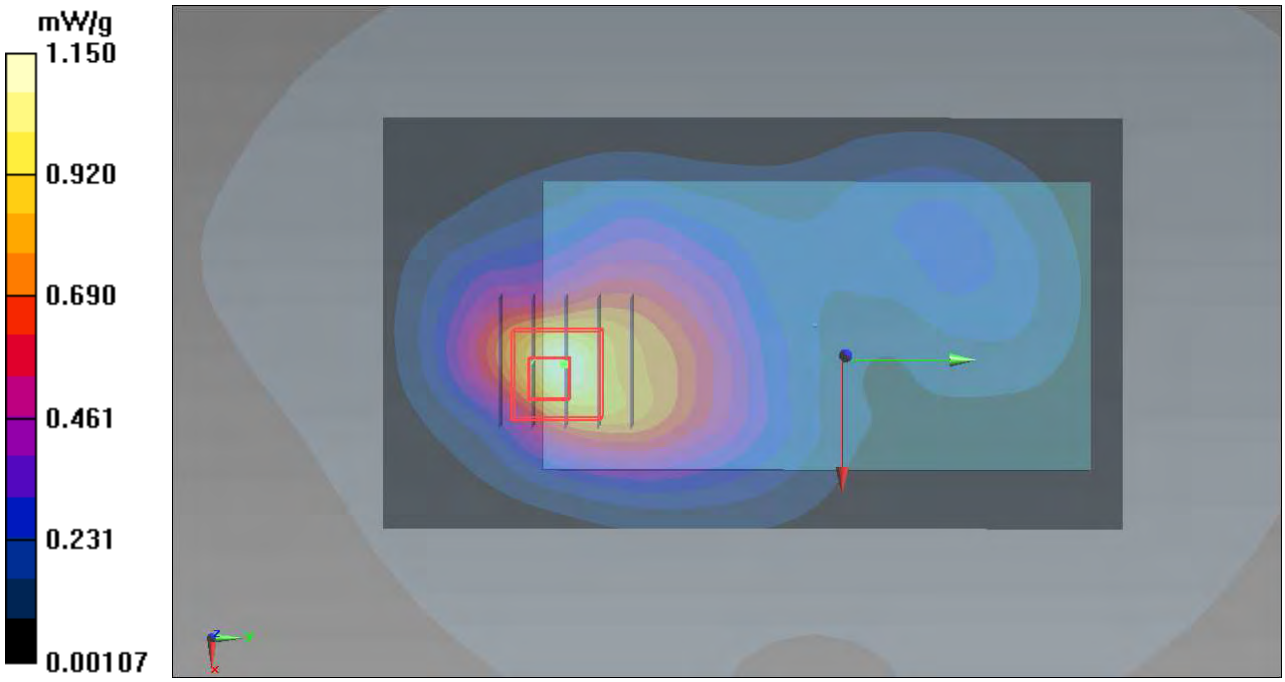
DUT: 120402C01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used : f = 1852.4 MHz; σ = 1.472 mho/m; ε_r = 53.907; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.150 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.280 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.4370
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 1.109 mW/g



P60 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1_Earphone

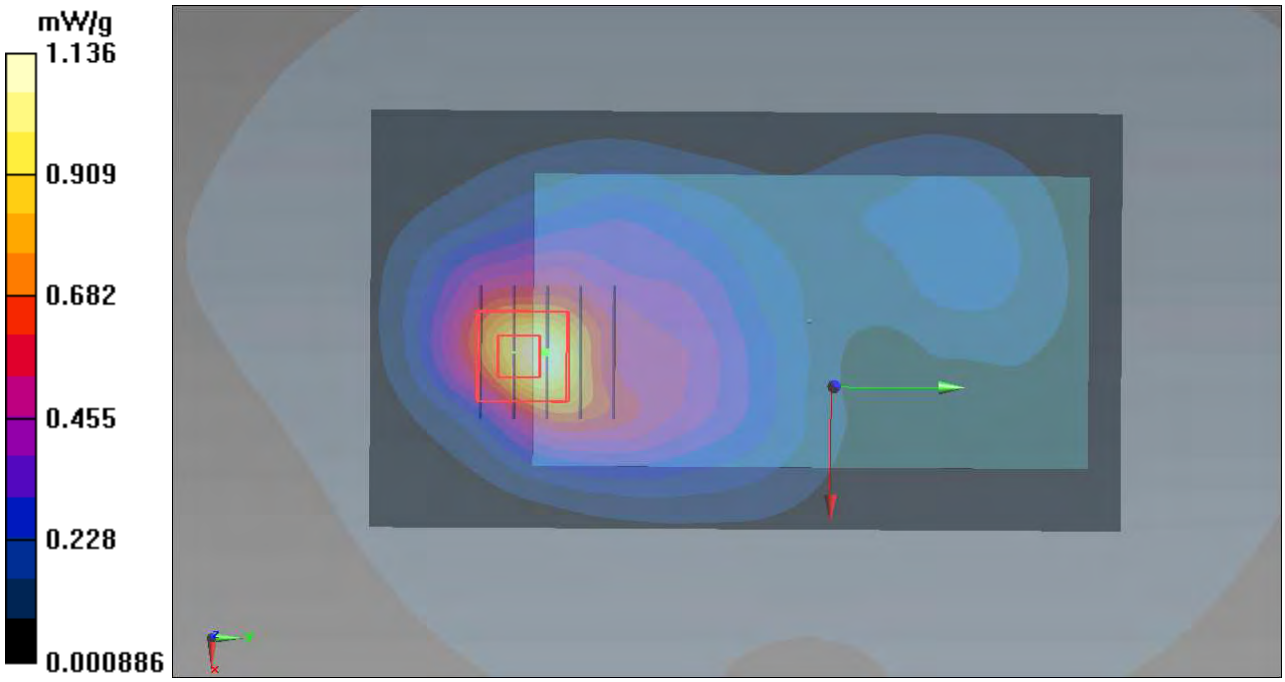
DUT: 120402C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0411 Medium parameters used: f = 1908 MHz; σ = 1.543 mho/m; ε_r = 53.702; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/8/5
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.136 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.830 V/m; Power Drift = -0.0069 dB
Peak SAR (extrapolated) = 1.5000
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 1.162 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/20

P77 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample2_Earphone

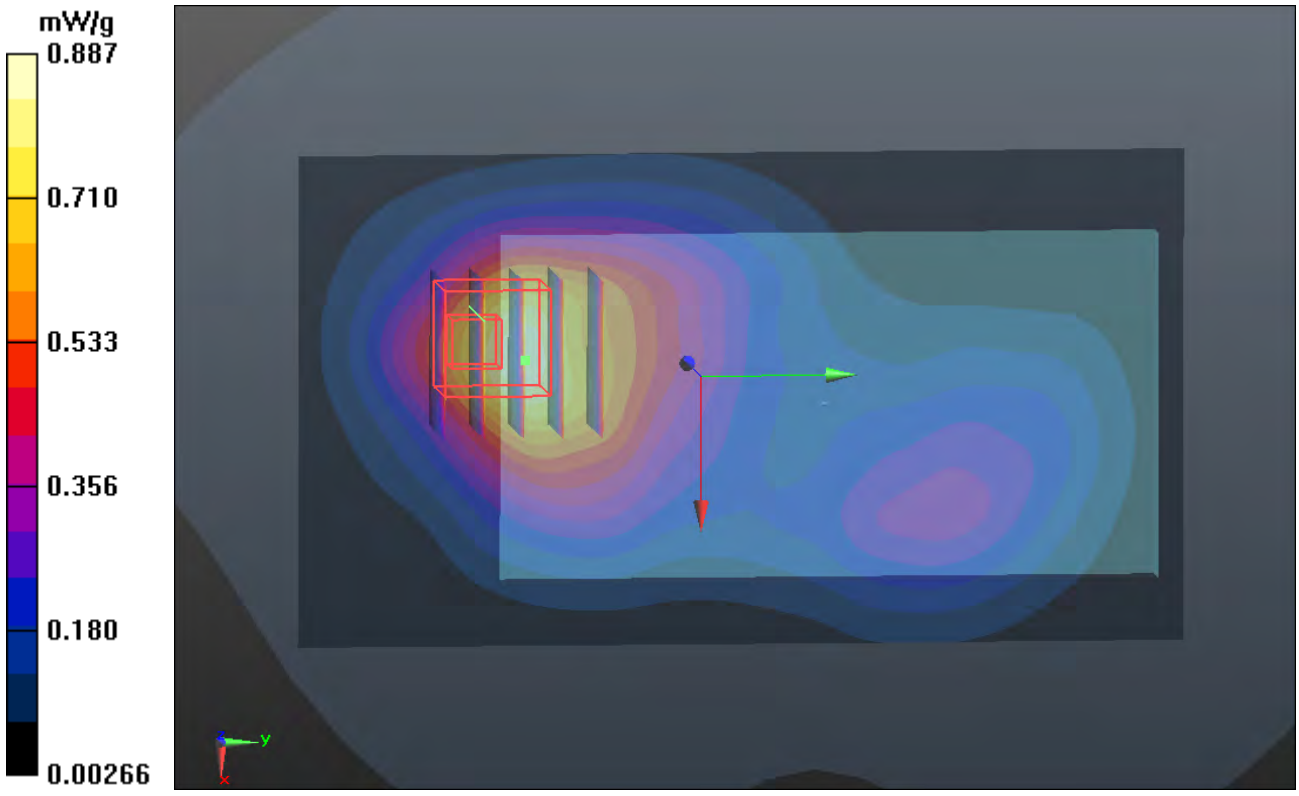
DUT: 120402C01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0420 Medium parameters used: f = 1852.4 MHz; σ = 1.493 mho/m; ε_r = 53.174; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.887 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.363 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.104 mW/g
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.400 mW/g
Maximum value of SAR (measured) = 0.887 mW/g



P305 802.11b_Front Face_1cm_Ch6_Sample1

DUT: 120402C01

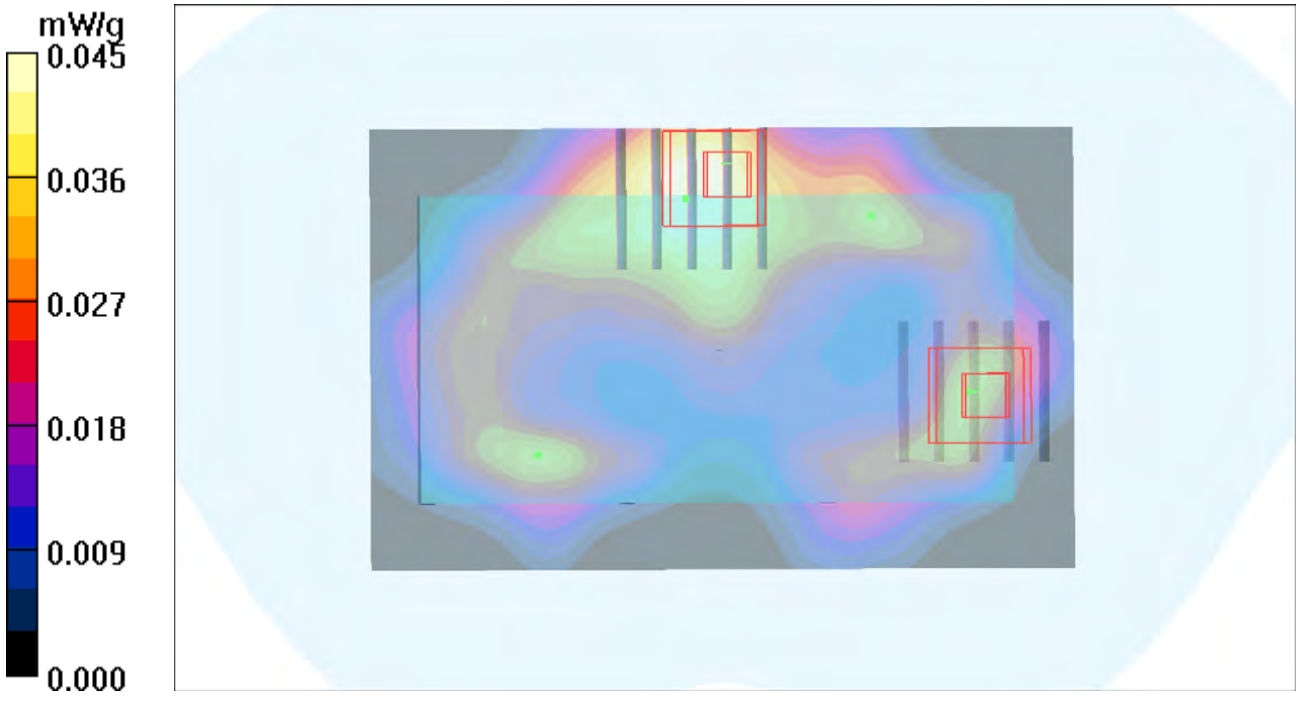
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.045 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.72 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.058 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.72 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.051 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00923 mW/g
Maximum value of SAR (measured) = 0.032 mW/g



P306 802.11b_Rear Face_1cm_Ch6_Sample1

DUT: 120402C01

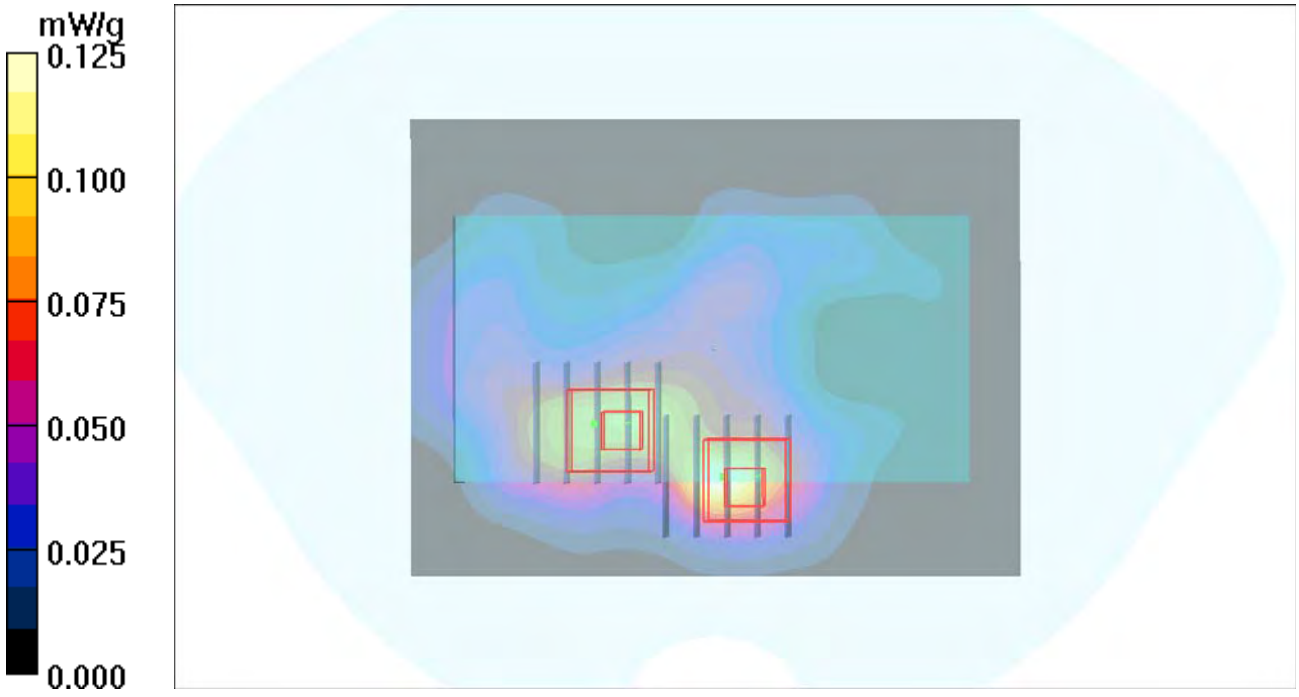
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.125 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.120 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.106 mW/g



P307 802.11b_Left Side_1cm_Ch6_Sample1

DUT: 120402C01

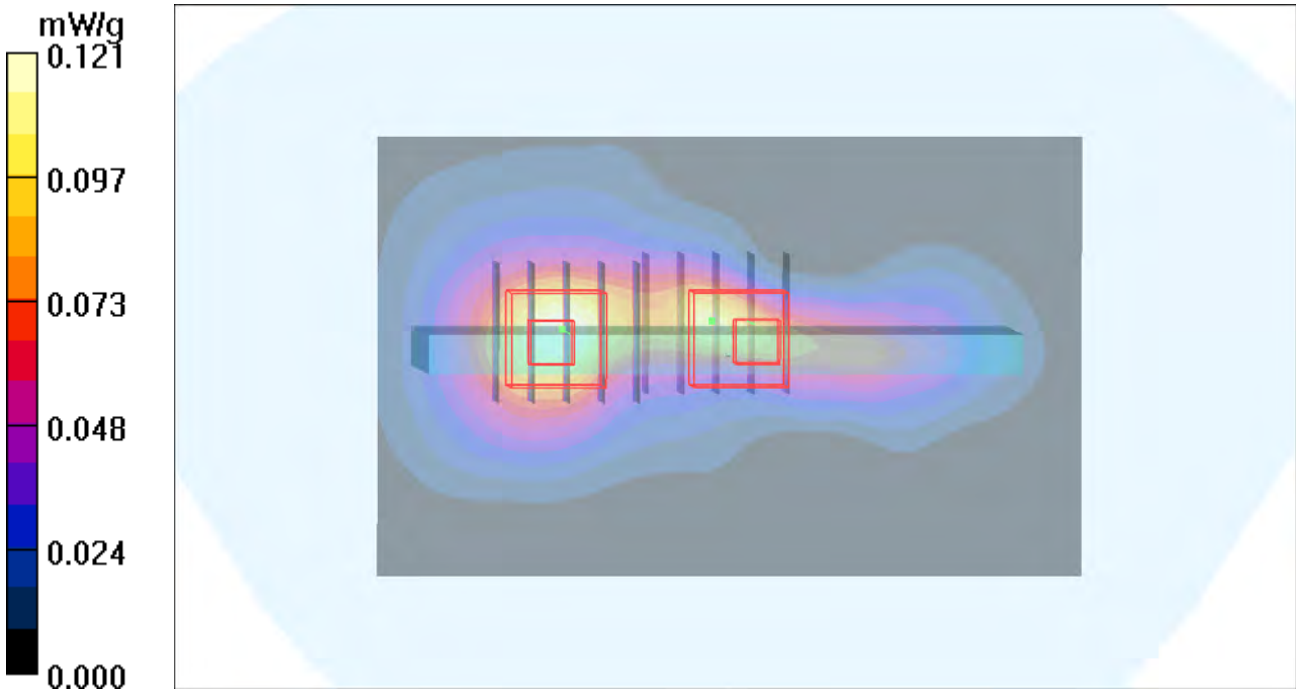
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

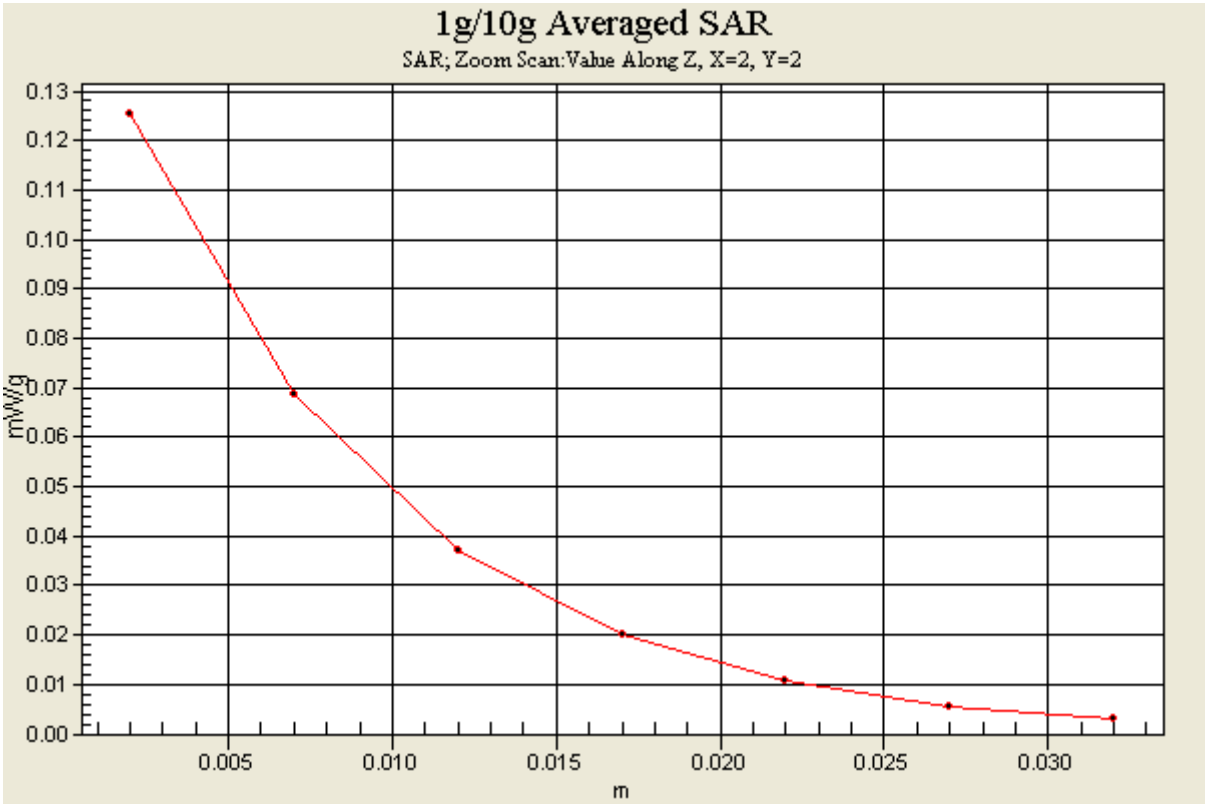
DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.94 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.125 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.94 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.118 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

P366 802.11b_Left Side_1cm_Ch06_Battery2

DUT: 120402C01

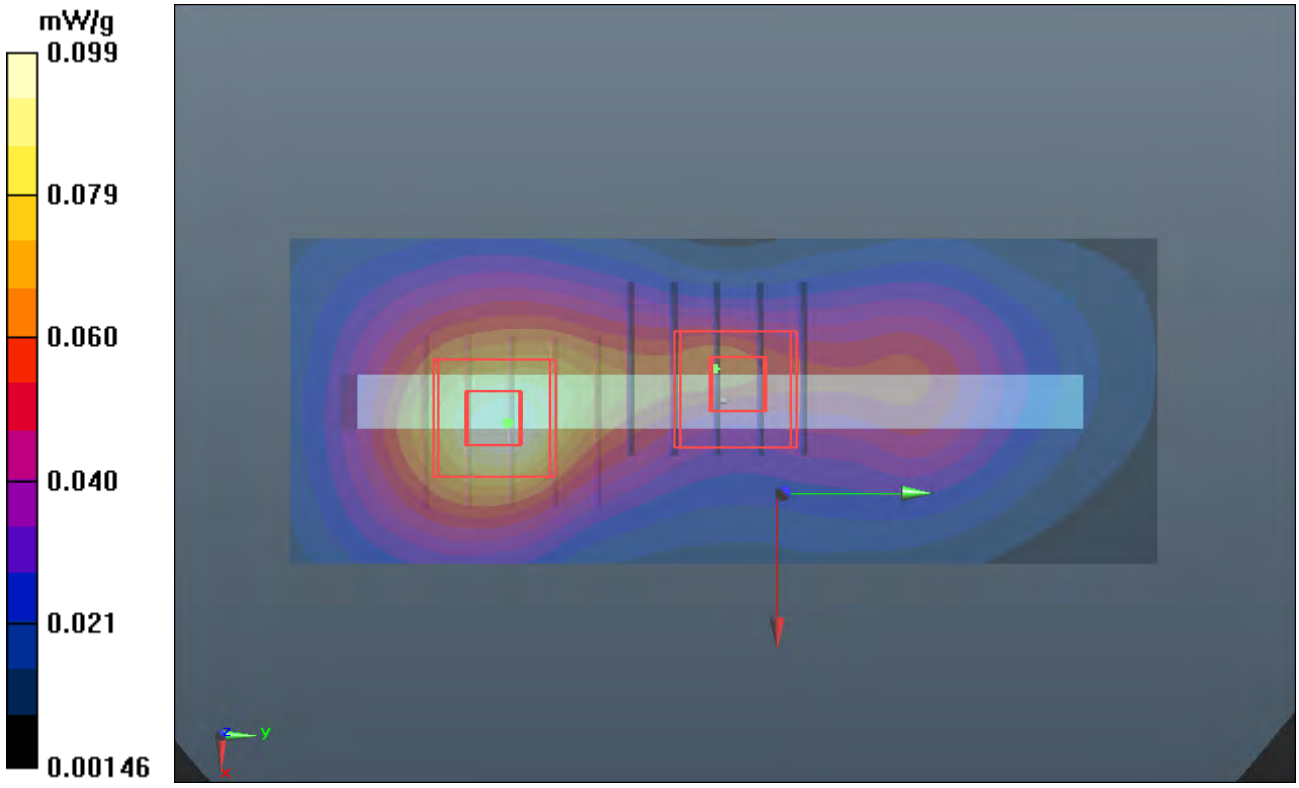
Communication System: WLAN 2450; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0418 Medium parameters used: f = 2437 MHz; σ = 1.958 mho/m; ε_r = 51.012; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.9℃

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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch06/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0986 mW/g

Ch06/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.405 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.134 mW/g
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.100 mW/g

Ch06/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.405 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.118 mW/g
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.0846 mW/g



P311 802.11b_Front Face_1cm_Ch6_Sample1_Earphone

DUT: 120402C01

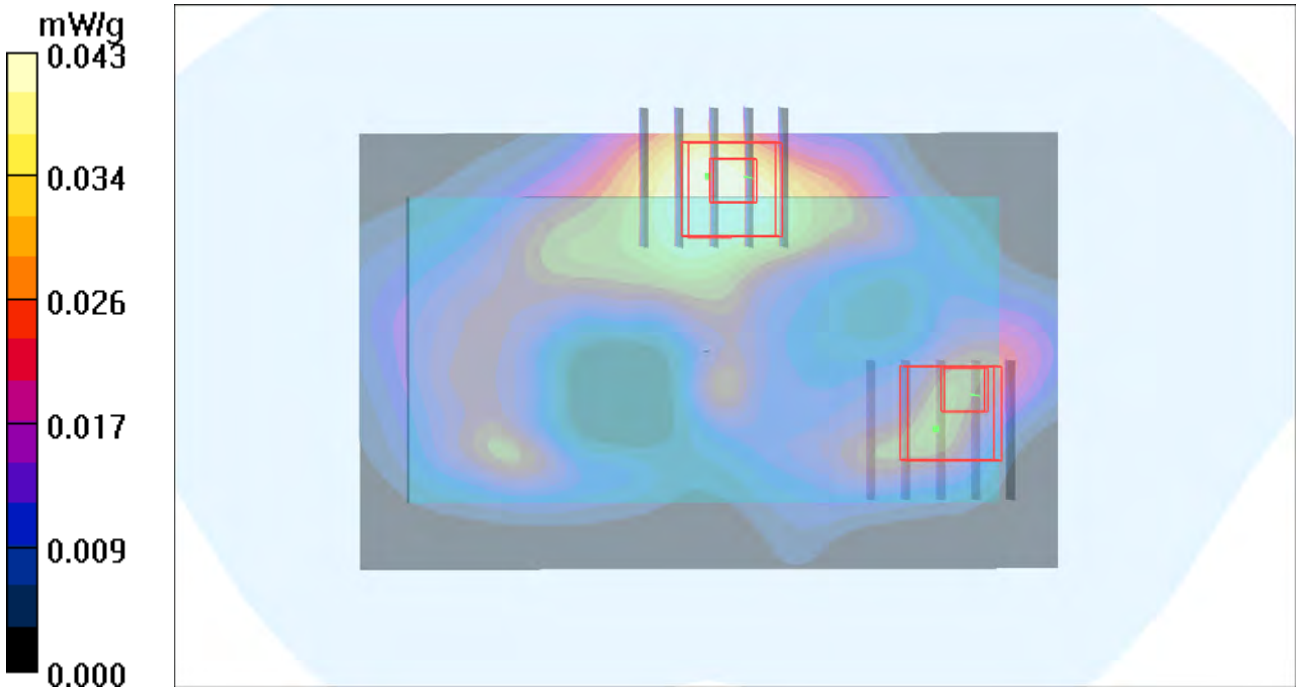
Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.043 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.11 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.060 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.11 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.038 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00912 mW/g
Maximum value of SAR (measured) = 0.028 mW/g



P312 802.11b_Rear Face_1cm_Ch6_Sample1_Earphone

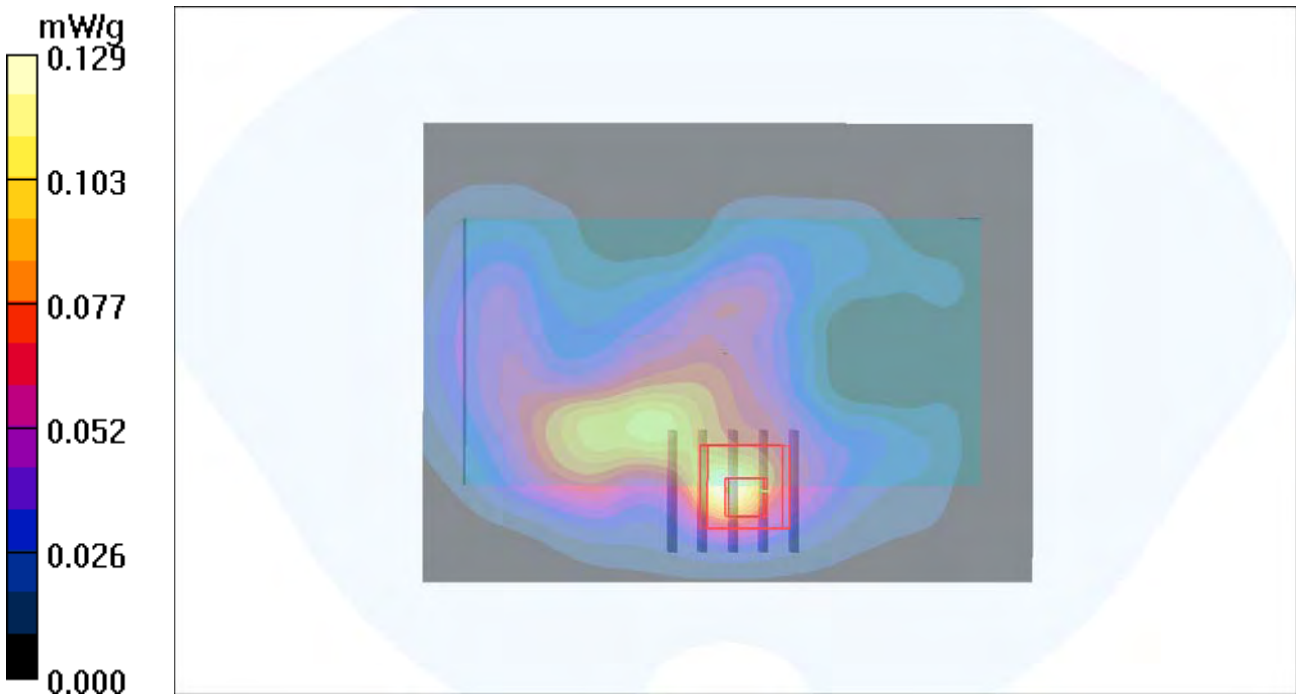
DUT: 120402C01

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0411 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(6.89, 6.89, 6.89); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.129 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.62 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.115 mW/g



P367 802.11b_Rear Face_1cm_Ch06_Battery2

DUT: 120402C01

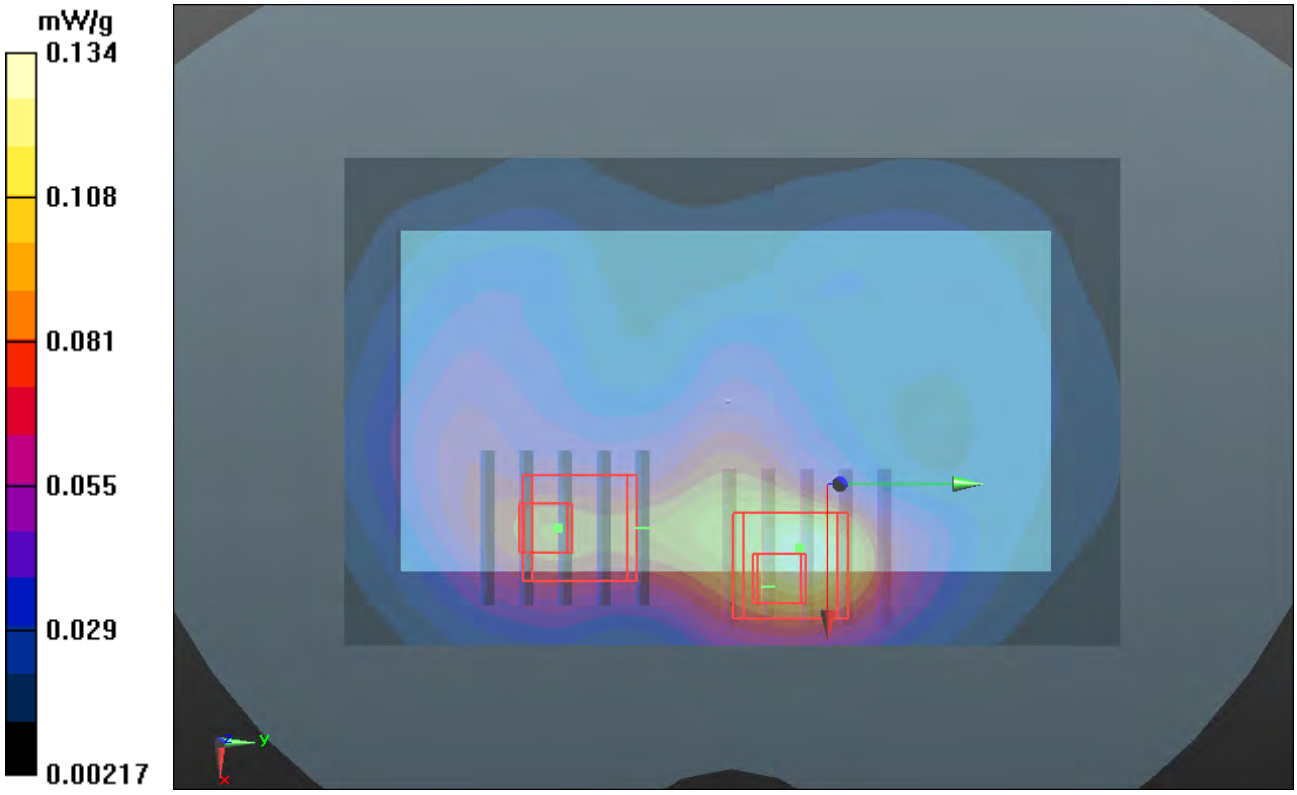
Communication System: WLAN 2450; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0418 Medium parameters used: f = 2437 MHz; σ = 1.958 mho/m; ε_r = 51.012; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.9℃

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_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch01/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.973 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.146 mW/g
SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.107 mW/g

Ch01/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.973 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.085 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0650 mW/g



P341 802.11a_Front Face_1cm_Ch36_Sample1

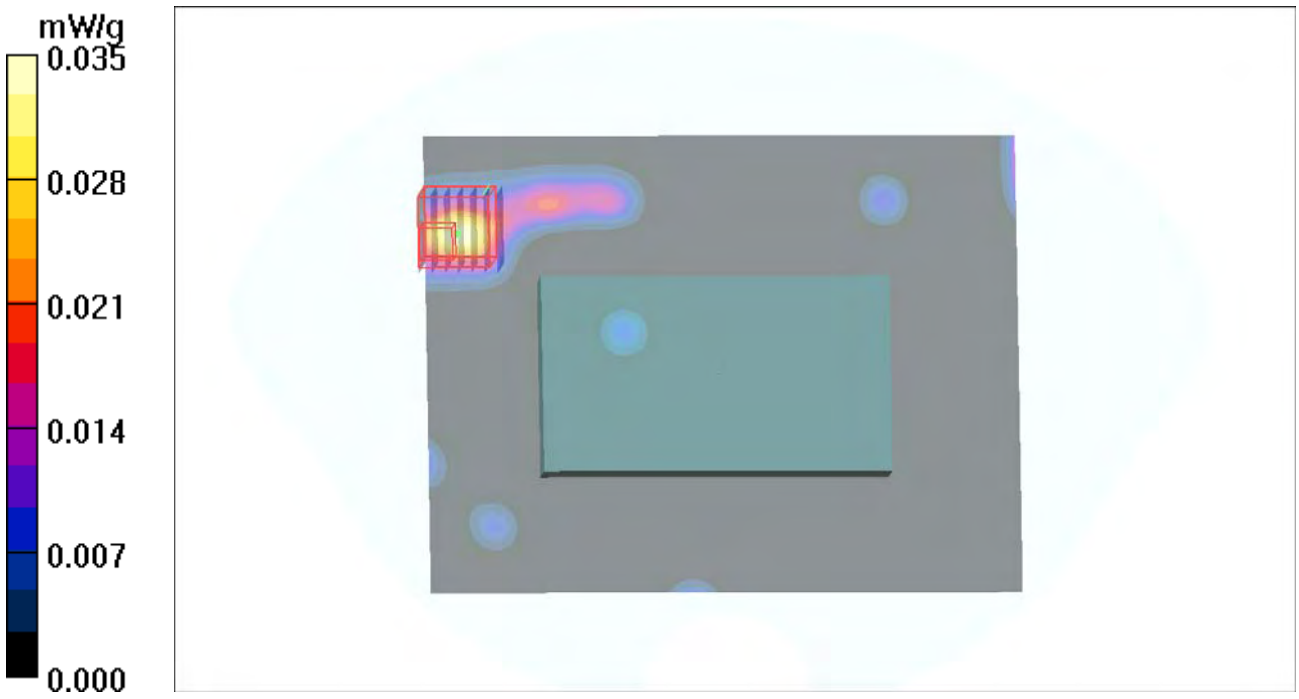
DUT: 120406C04

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5180 MHz; σ = 5.21 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.035 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.671 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.00257 mW/g; SAR(10 g) = 0.000635 mW/g
Maximum value of SAR (measured) = 0.014 mW/g



P342 802.11a_Rear Face_1cm_Ch36_Sample1

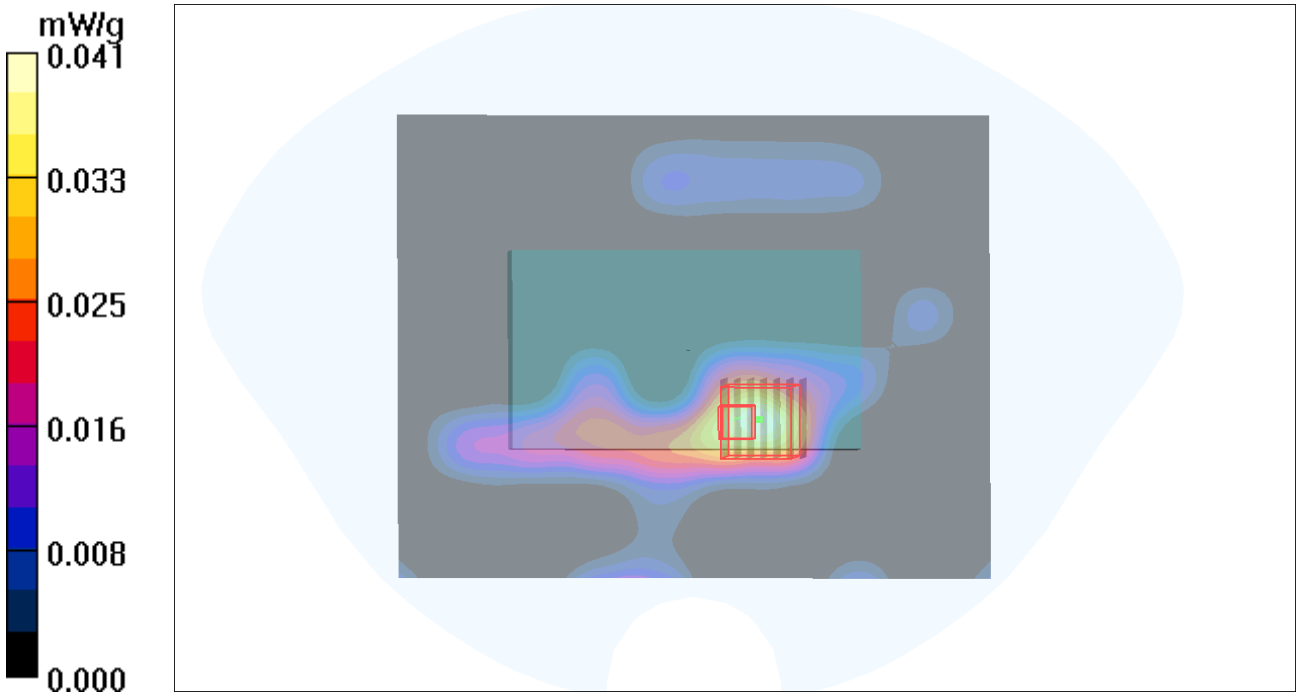
DUT: 120406C04

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5180 MHz; σ = 5.21 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.041 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.43 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00636 mW/g
Maximum value of SAR (measured) = 0.047 mW/g



P374 802.11a_Rear Face_Ch36_Battery2

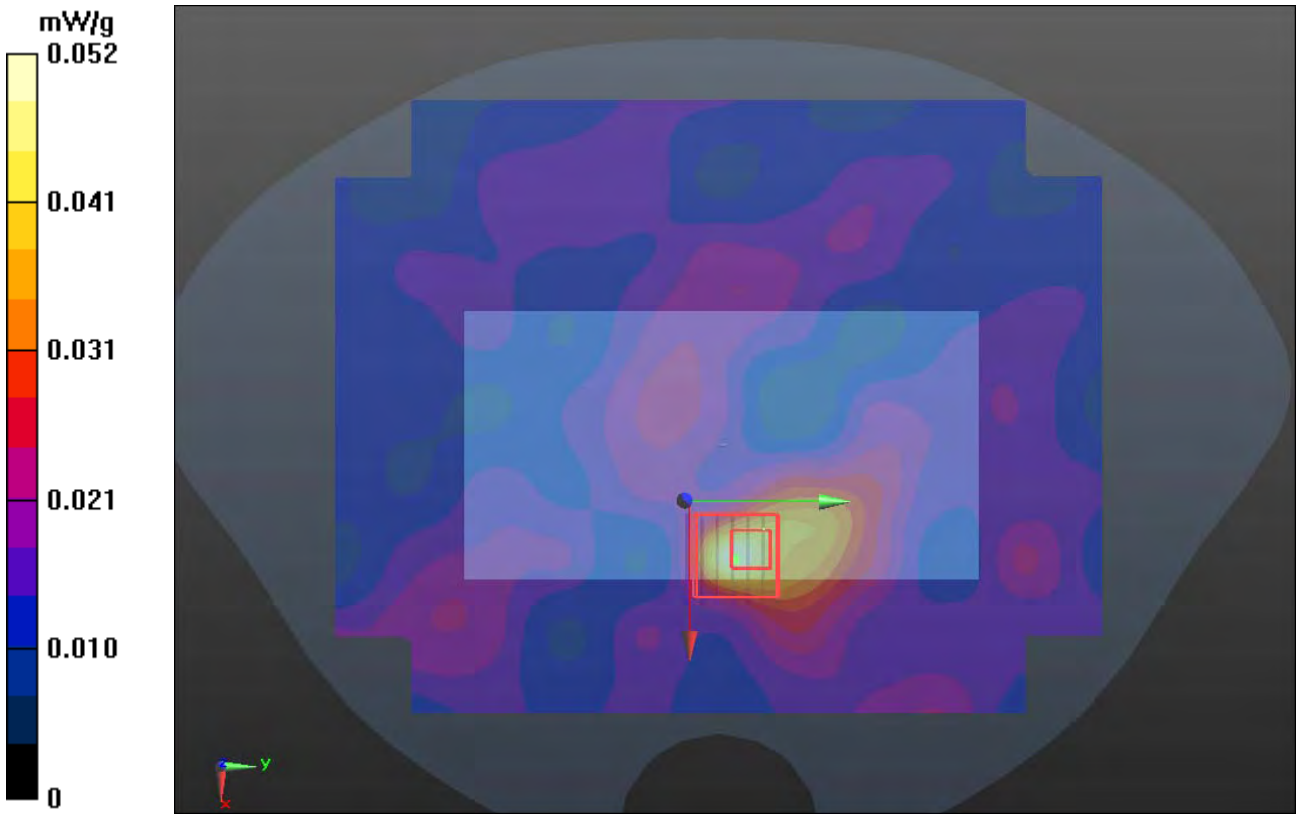
DUT: 120402C01

Communication System: WLAN 5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5180 MHz; σ = 5.152 mho/m; ε_r = 51.079; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0515 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.780 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.106 mW/g
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00695 mW/g
Maximum value of SAR (measured) = 0.0356 mW/g



P347 802.11a_Front Face_1cm_Ch36_Sample1_Earphone

DUT: 120406C04

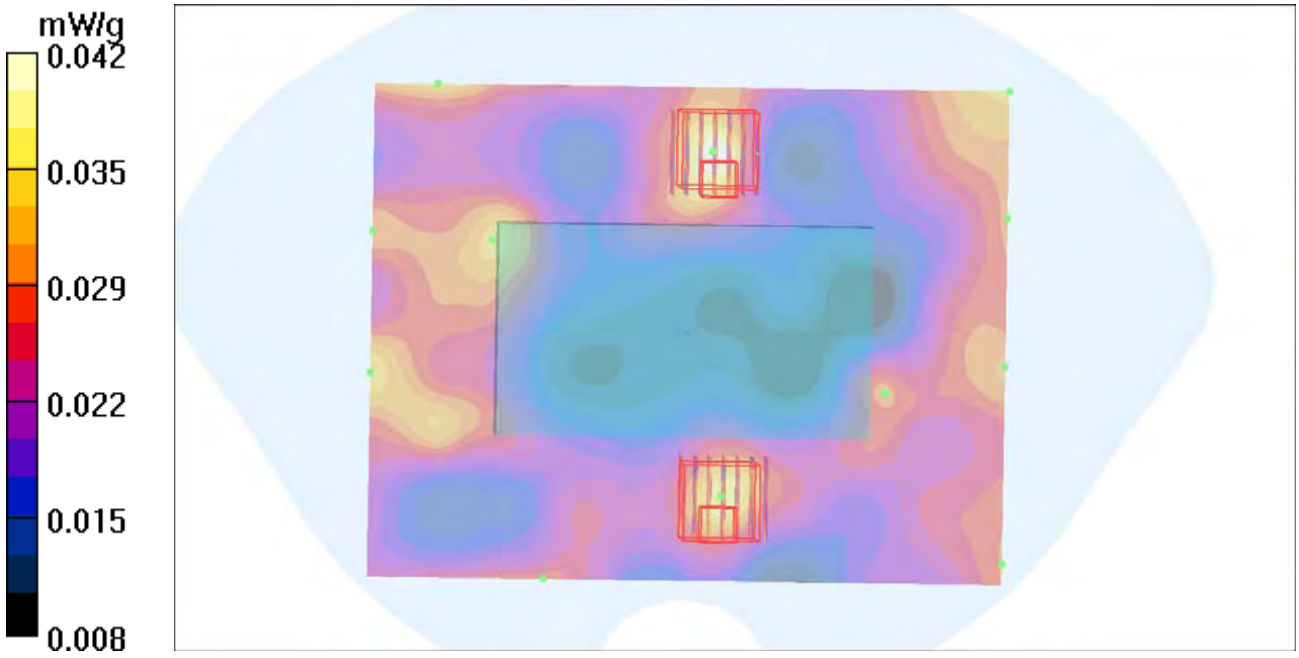
Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5180 MHz; σ = 5.21 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.042 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.17 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.042 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.17 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.058 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.043 mW/g



P348 802.11a_Rear Face_1cm_Ch36_Sample1_Earphone

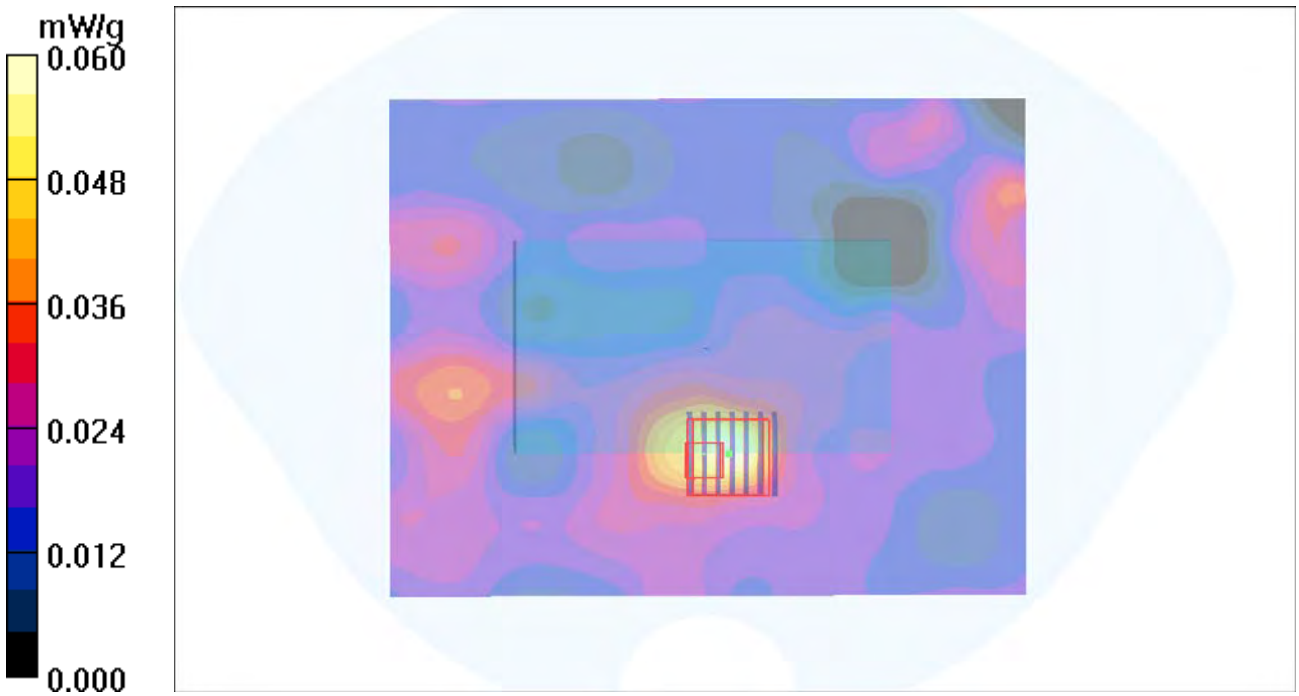
DUT: 120406C04

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5180 MHz; σ = 5.21 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.060 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.43 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.081 mW/g



P375 802.11a_Rear Face_Ch36_Battery2_Earphone

DUT: 120402C01

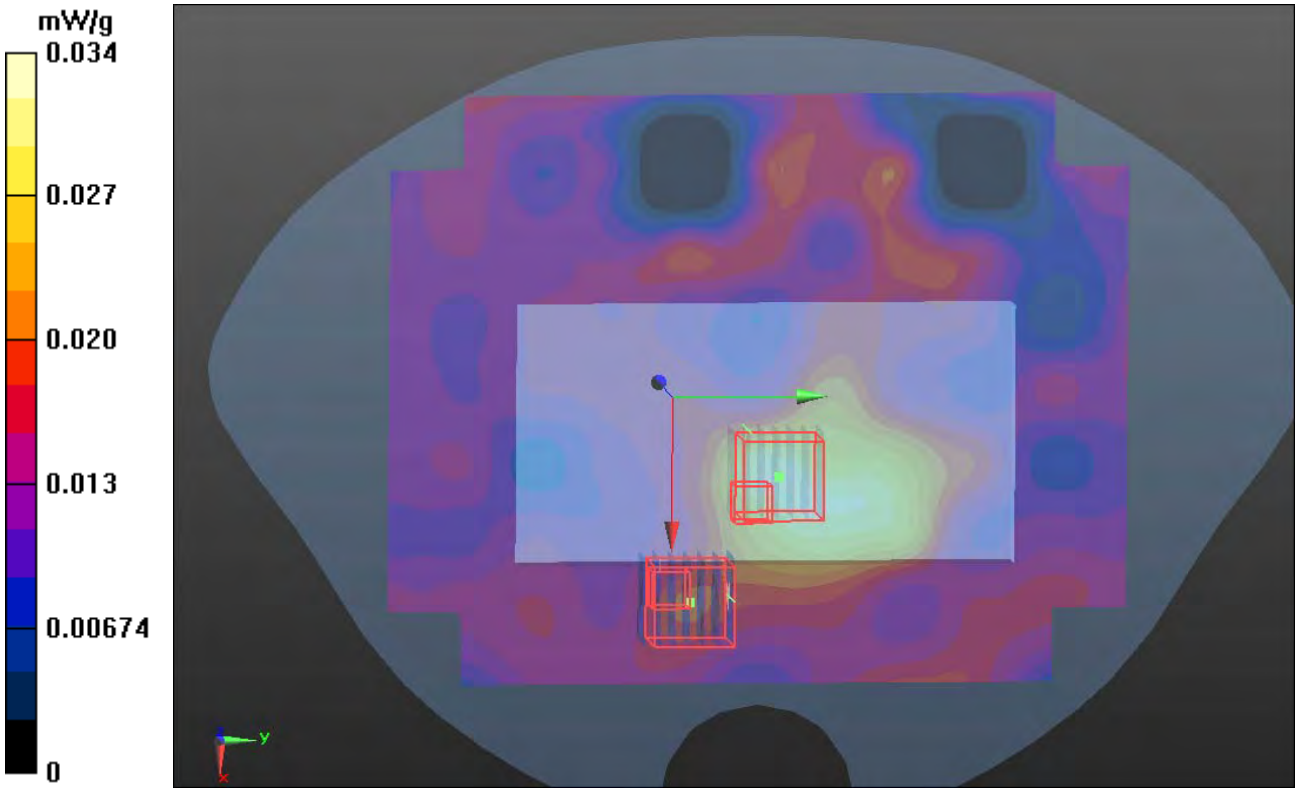
Communication System: WLAN 5G; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5180 MHz; σ = 5.152 mho/m; ε_r = 51.079; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0337 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.947 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.215 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00309 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

Ch36/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.947 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.349 mW/g
SAR(1 g) = 0.00888 mW/g; SAR(10 g) = 0.00408 mW/g
Maximum value of SAR (measured) = 0.349 mW/g



P349 802.11a_Front Face_1cm_Ch64_Sample1

DUT: 120406C04

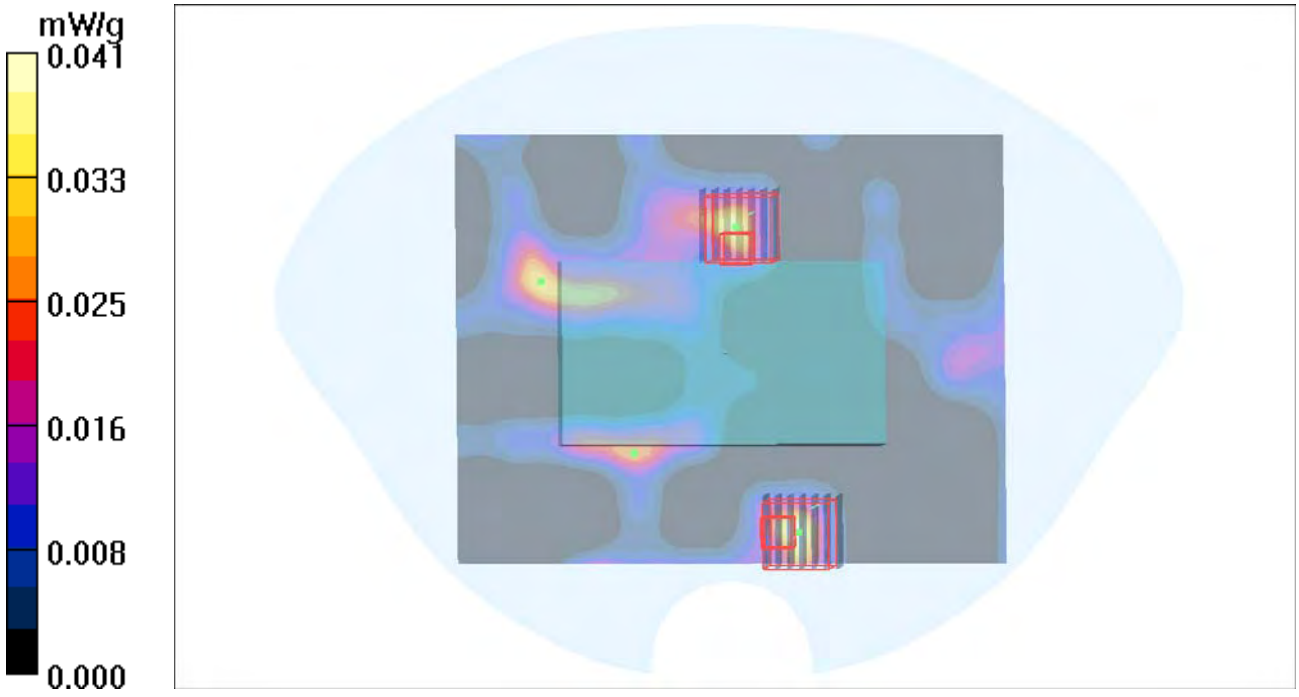
Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5320 MHz; σ = 5.44 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.041 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.00344 mW/g; SAR(10 g) = 0.000854 mW/g
Maximum value of SAR (measured) = 0.018 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.00218 mW/g; SAR(10 g) = 0.000247 mW/g
Maximum value of SAR (measured) = 0.023 mW/g



P350 802.11a_Rear Face_1cm_Ch64_Sample1

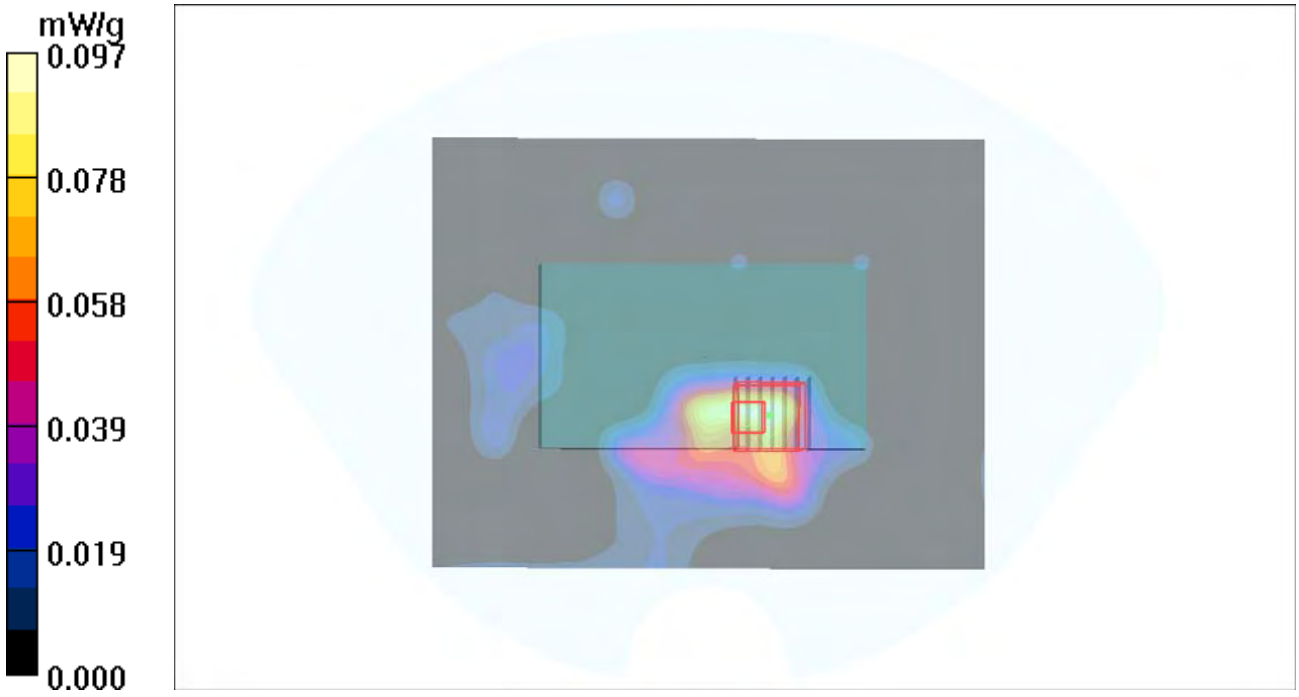
DUT: 120406C04

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5320 MHz; σ = 5.44 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.097 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.58 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.076 mW/g



P351 802.11a_Left Side_1cm_Ch64_Sample1

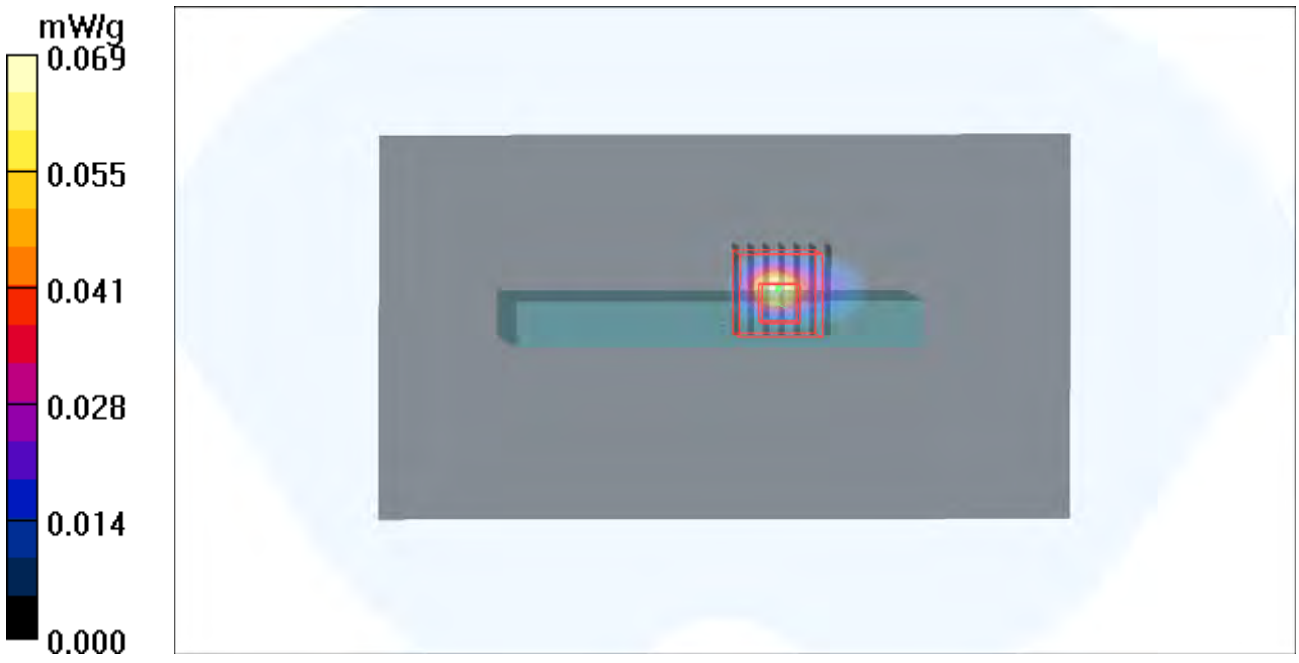
DUT: 120406C04

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5320 MHz; σ = 5.44 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.069 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.48 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.063 mW/g



P376 802.11a_Rear Face_Ch64_Battery2

DUT: 120402C01

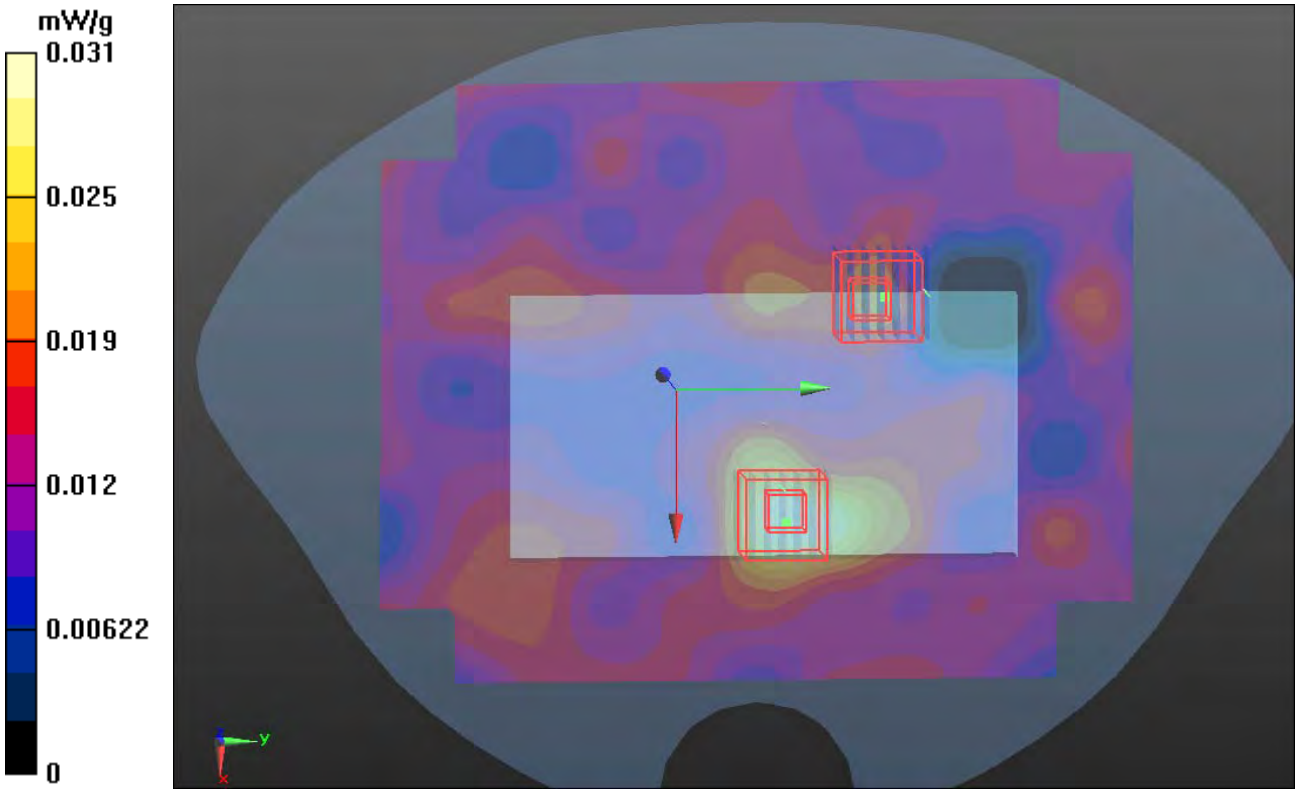
Communication System: WLAN 5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5320 MHz; σ = 5.378 mho/m; ε_r = 50.907; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch64/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0311 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.620 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.201 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00764 mW/g
Maximum value of SAR (measured) = 0.129 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.620 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.089 mW/g
SAR(1 g) = 0.00916 mW/g; SAR(10 g) = 0.00362 mW/g
Maximum value of SAR (measured) = 0.0467 mW/g



P355 802.11a_Front Face_1cm_Ch64_Sample1_Earphone

DUT: 120406C04

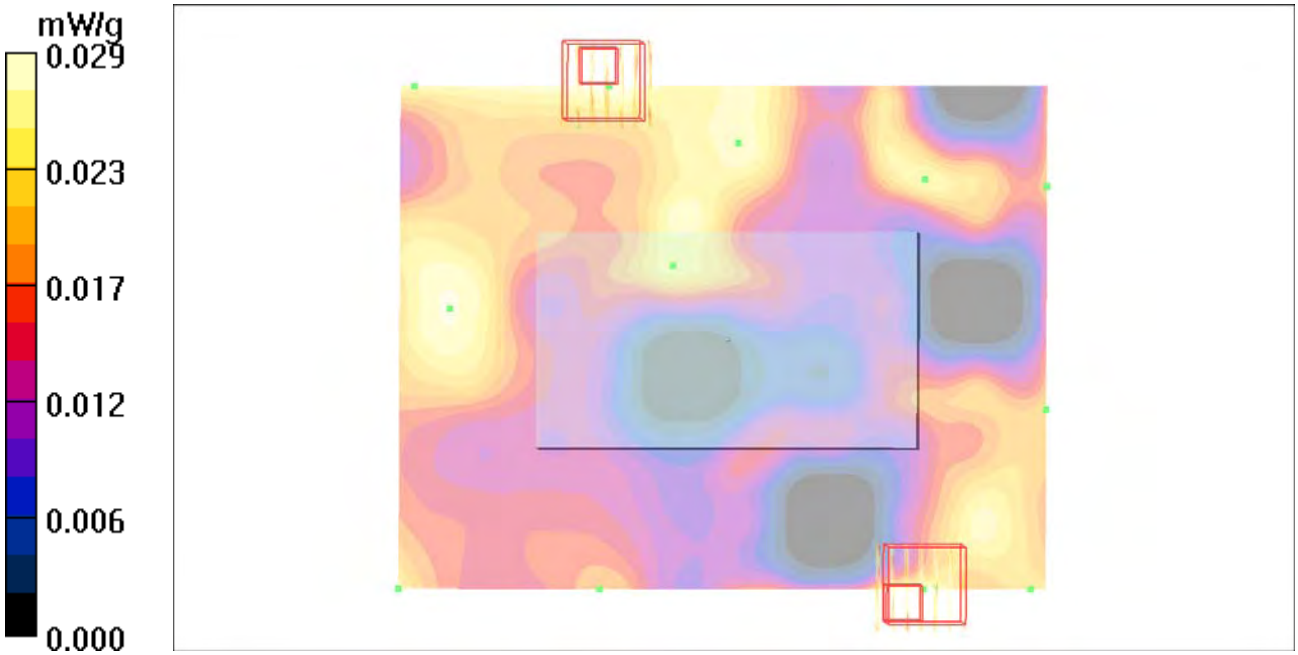
Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5320 MHz; σ = 5.44 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.029 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.941 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.051 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.043 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.941 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.024 mW/g



P356 802.11a_Rear Face_1cm_Ch64_Sample1_Earphone

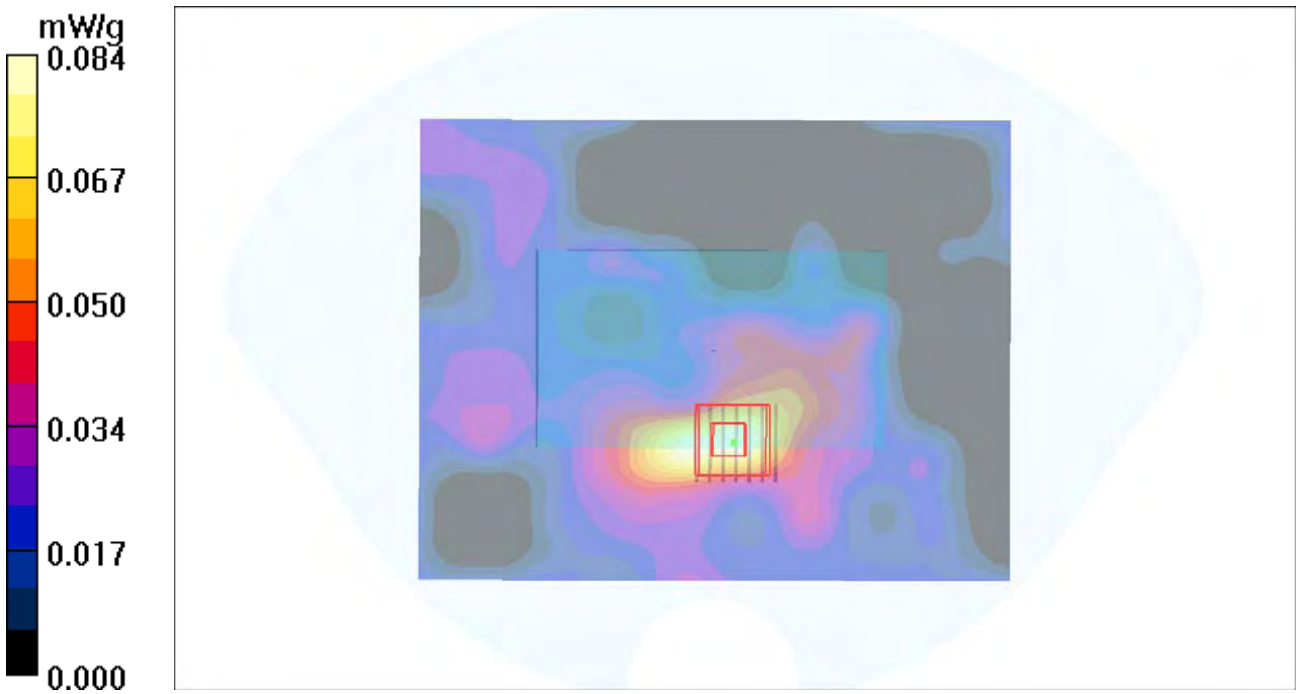
DUT: 120406C04

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5320 MHz; σ = 5.44 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(4.11, 4.11, 4.11); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.59 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.107 mW/g



P377 802.11a_Rear Face_Ch64_Battery2_Earphone

DUT: 120402C01

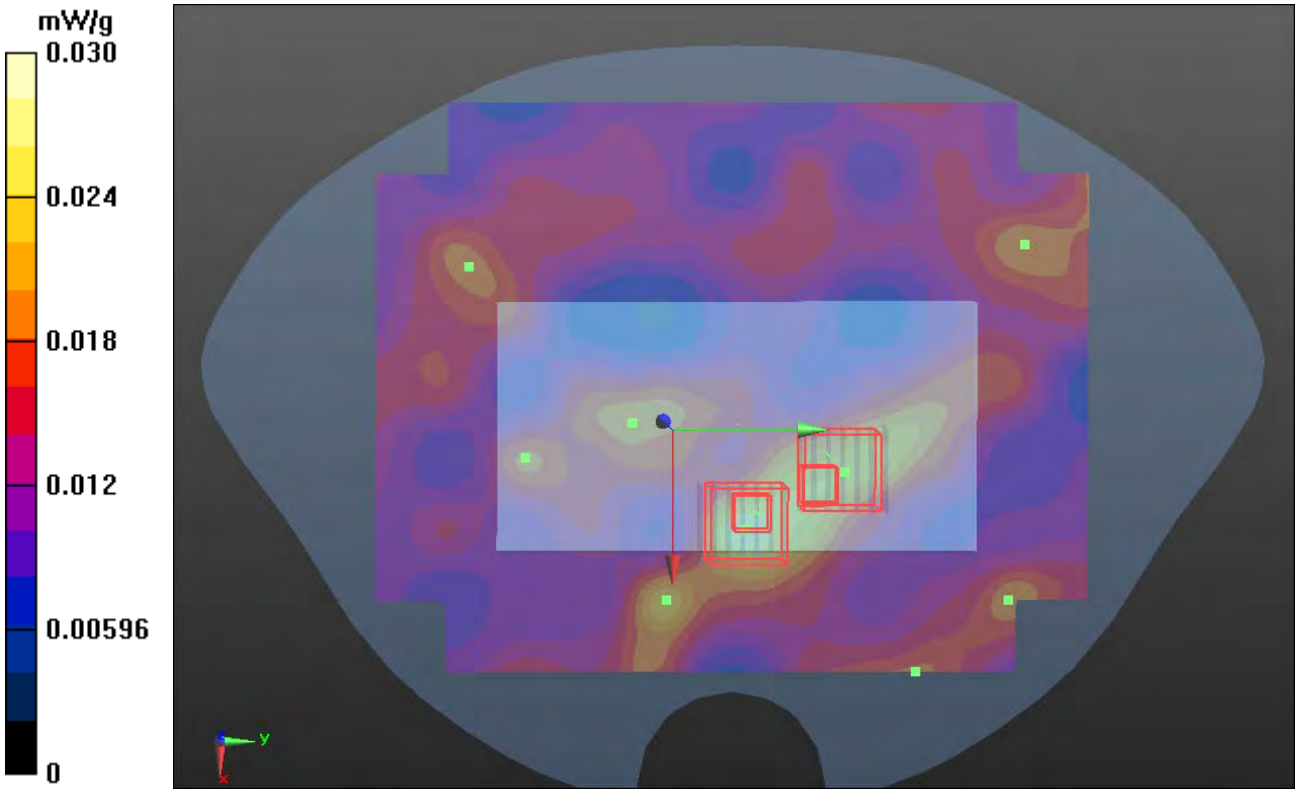
Communication System: WLAN 5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5320 MHz; σ = 5.378 mho/m; ε_r = 50.907; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch64/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0284 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.733 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.100 mW/g
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00663 mW/g
Maximum value of SAR (measured) = 0.0357 mW/g

Configuration/Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.733 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.102 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00599 mW/g
Maximum value of SAR (measured) = 0.0298 mW/



P357 802.11a_Front Face_1cm_Ch140_Sample1

DUT: 120406C04

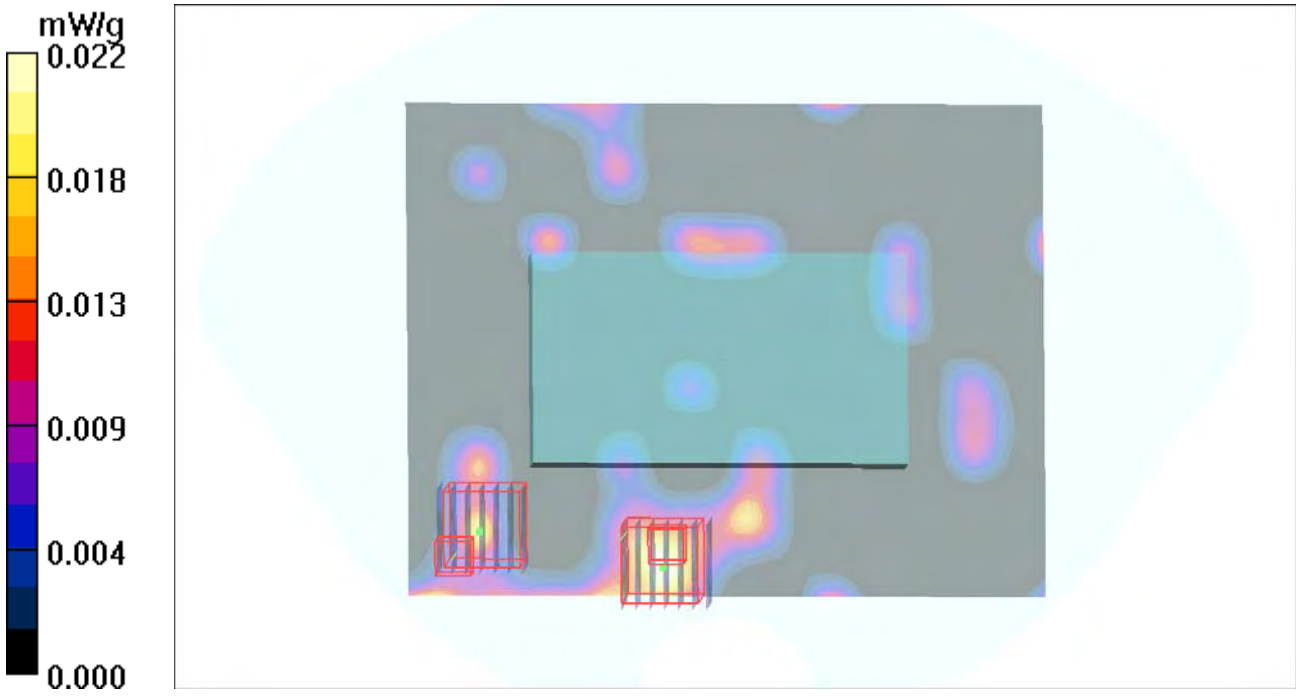
Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5700 MHz; σ = 6.08 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.022 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.25 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.046 W/kg
SAR(1 g) = 0.00232 mW/g; SAR(10 g) = 0.000458 mW/g
Maximum value of SAR (measured) = 0.022 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.25 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.026 W/kg
SAR(1 g) = 0.000763 mW/g; SAR(10 g) = 0.000151 mW/g
Maximum value of SAR (measured) = 0.016 mW/g



P358 802.11a_Rear Face_1cm_Ch140_Sample1

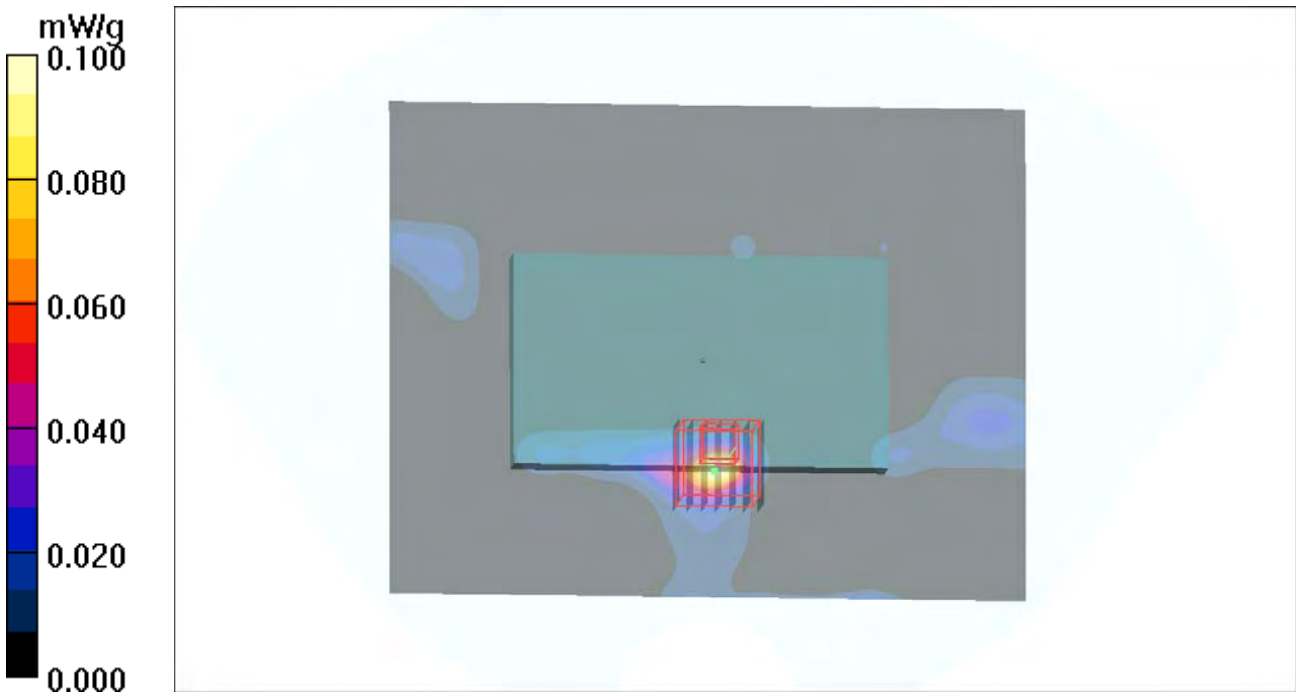
DUT: 120406C04

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5700 MHz; σ = 6.08 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.100 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.887 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00733 mW/g
Maximum value of SAR (measured) = 0.048 mW/g



P359 802.11a_Left Side_1cm_Ch140_Sample1

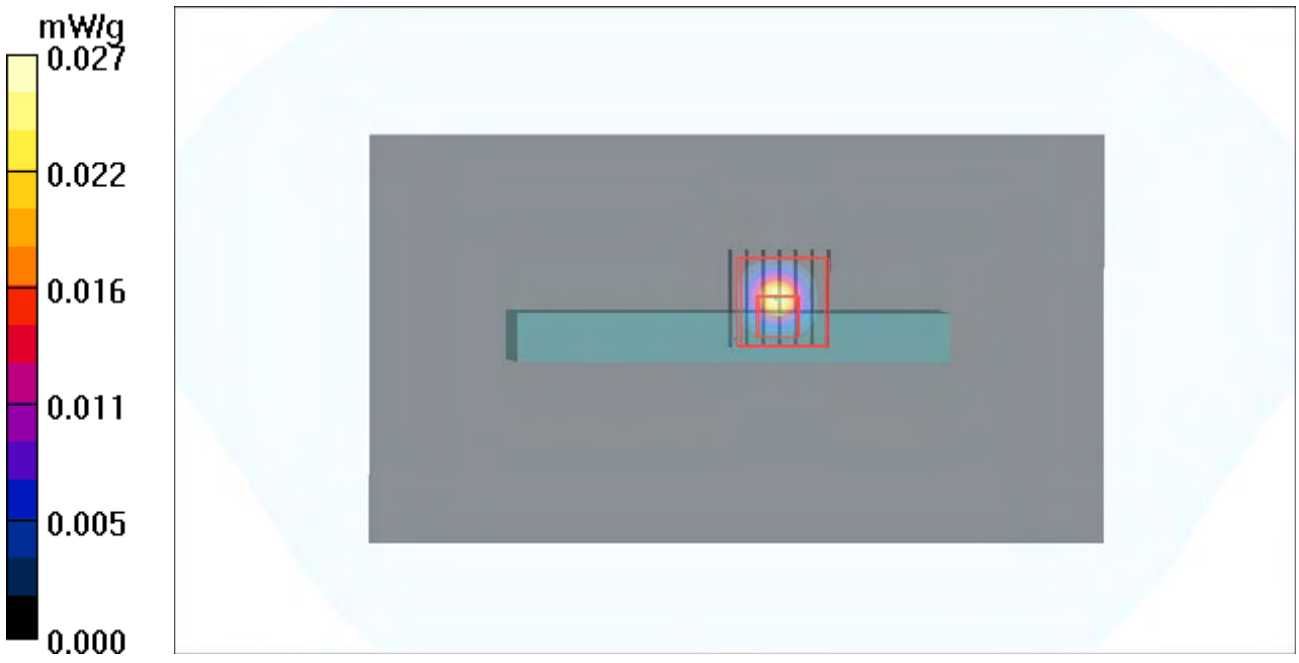
DUT: 120406C04

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5700 MHz; σ = 6.08 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.13 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00431 mW/g
Maximum value of SAR (measured) = 0.036 mW/g



P378 802.11a_Rear Face_Ch140_Battery2

DUT: 120402C01

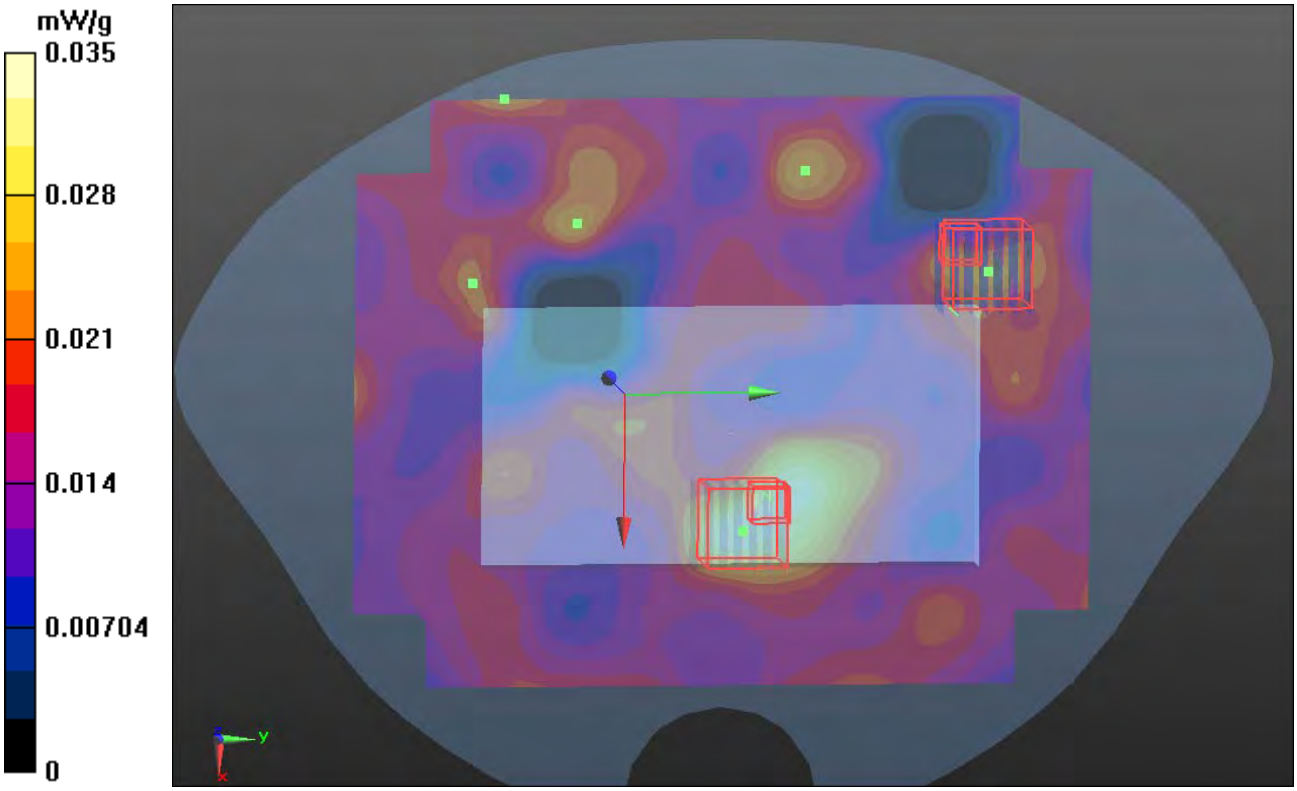
Communication System: WLAN 5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5700 MHz; σ = 6.01 mho/m; ε_r = 50.12; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch140/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0352 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.514 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.346 mW/g
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00717 mW/g
Maximum value of SAR (measured) = 0.346 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.514 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.080 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00536 mW/g
Maximum value of SAR (measured) = 0.0255 mW/g



P363 802.11a_Front Face_1cm_Ch140_Sample1_Earphone

DUT: 120406C04

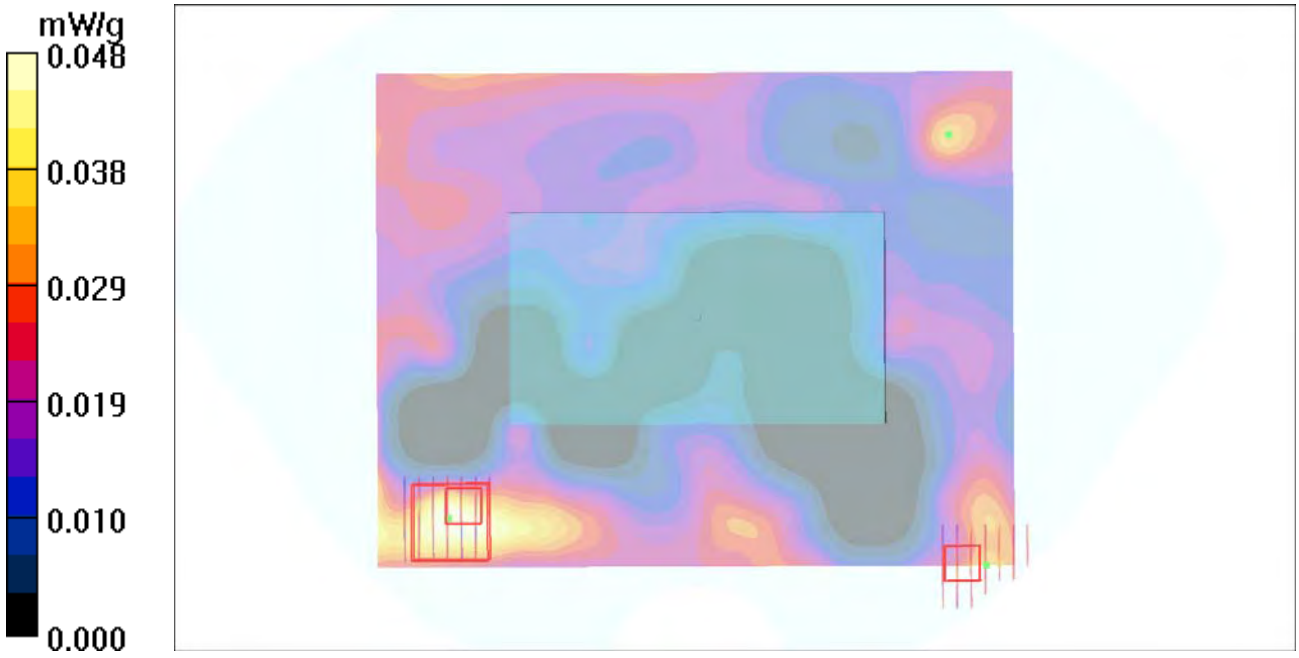
Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5700 MHz; σ = 6.08 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.048 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.75 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.047 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.75 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.053 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.044 mW/g



P364 802.11a_Rear Face_1cm_Ch140_Sample1_Earphone

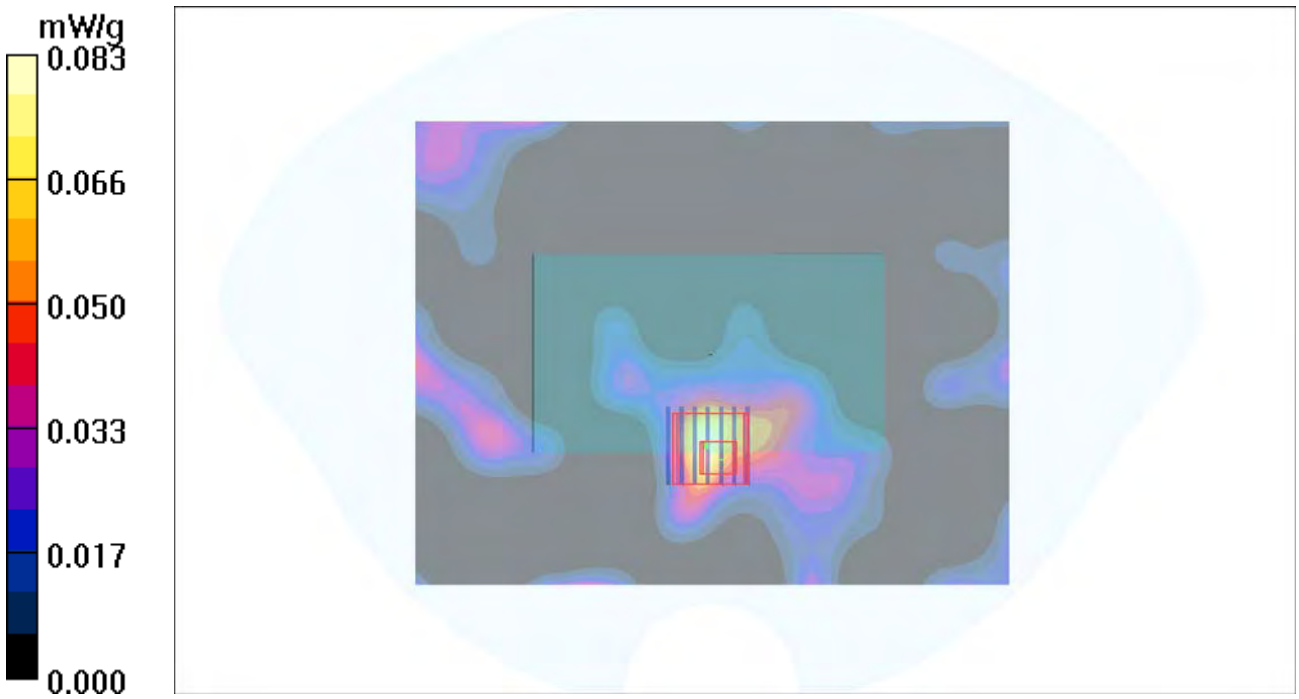
DUT: 120406C04

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5700 MHz; σ = 6.08 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.083 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.70 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



P379 802.11a_Rear Face_Ch140_Battery2_Earphone

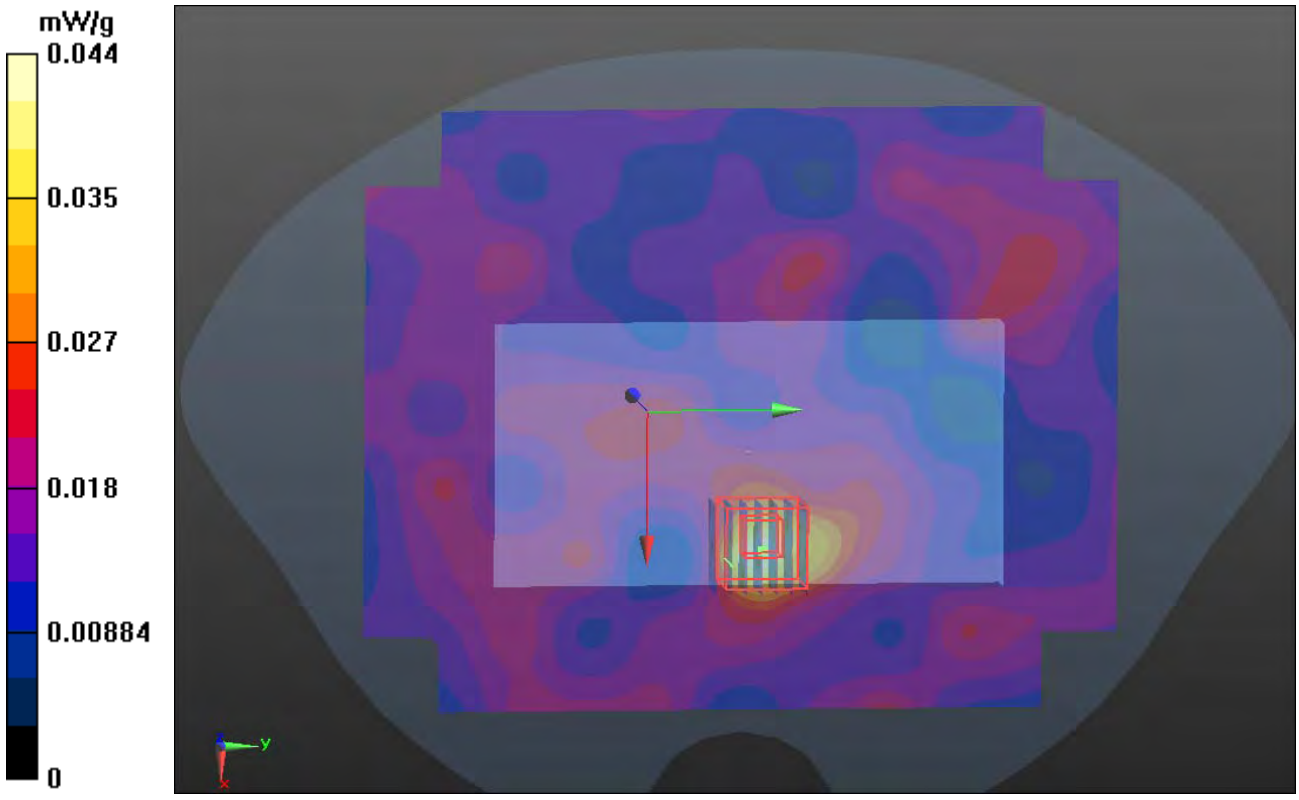
DUT: 120402C01

Communication System: WLAN 5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5700 MHz; σ = 6.01 mho/m; ε_r = 50.12; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch140/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0442 mW/g

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.866 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.178 mW/g
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00823 mW/g
Maximum value of SAR (measured) = 0.0393 mW/g



P333 802.11a_Front Face_1cm_Ch161_Sample1

DUT: 120406C04

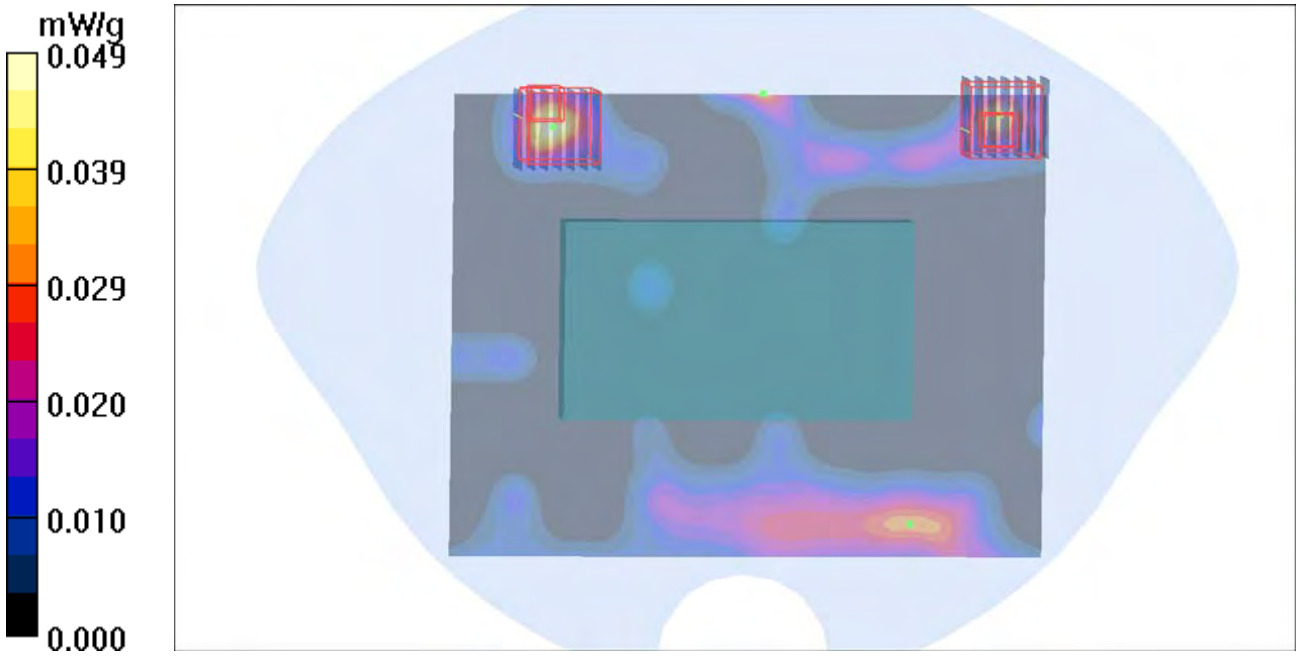
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 49.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (71x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.049 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.32 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.00822 mW/g; SAR(10 g) = 0.00224 mW/g
Maximum value of SAR (measured) = 0.029 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.32 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.046 W/kg
SAR(1 g) = 0.00442 mW/g; SAR(10 g) = 0.000724 mW/g
Maximum value of SAR (measured) = 0.020 mW/g



P334 802.11a_Rear Face_1cm_Ch161_Sample1

DUT: 120406C04

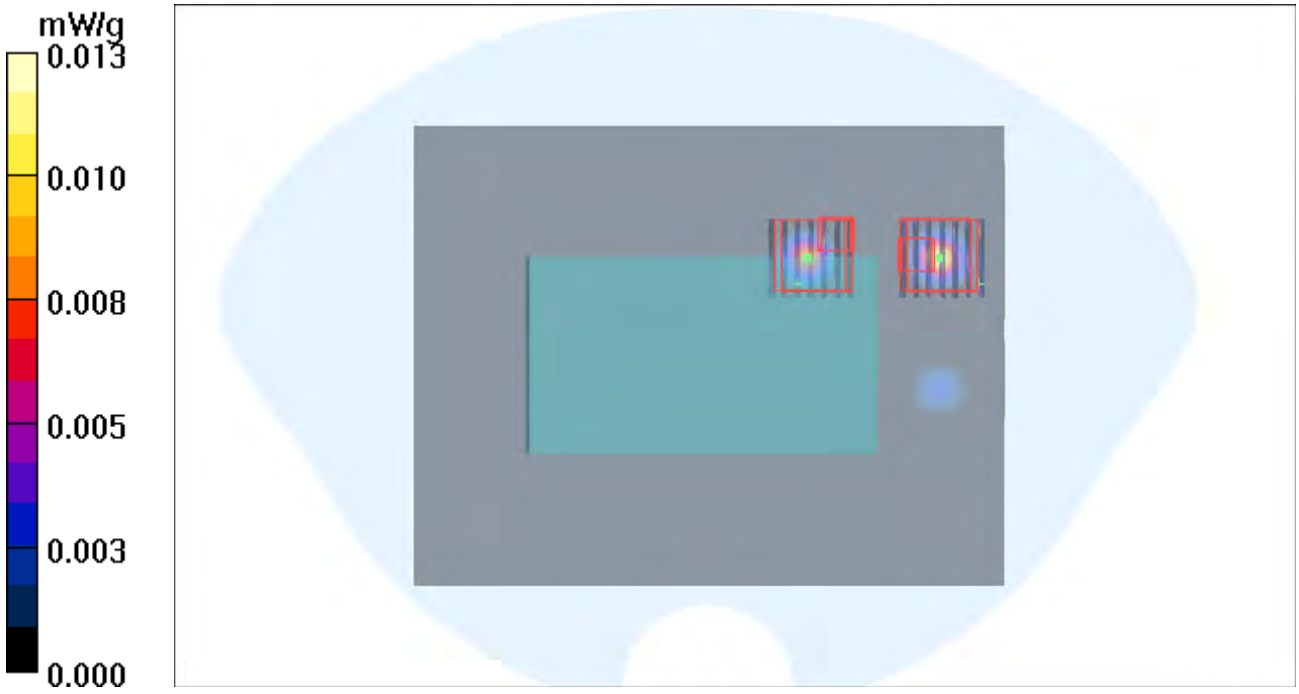
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 49.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.013 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.003 W/kg
SAR(1 g) = 1.73e-005 mW/g; SAR(10 g) = 1.79e-006 mW/g
Maximum value of SAR (measured) = 0.014 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.002 W/kg
SAR(1 g) = 1.77e-006 mW/g; SAR(10 g) = 9.27e-008 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



P372 802.11a_Front Face_Ch161_Battery2

DUT: 120402C01

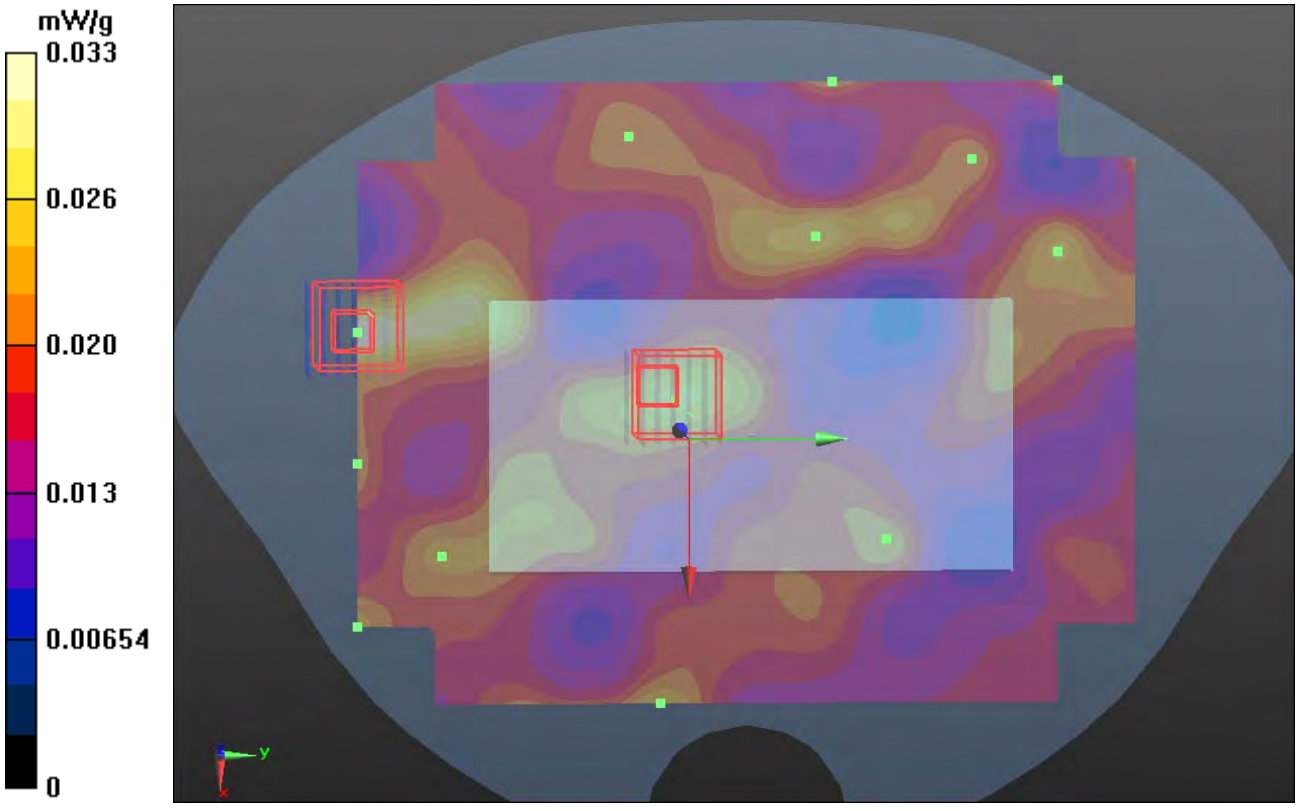
Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5805 MHz; σ = 6.164 mho/m; ε_r = 49.864; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0327 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.452 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.00512 mW/g; SAR(10 g) = 0.00201 mW/g
Maximum value of SAR (measured) = 0.0229 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.452 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.113 mW/g
SAR(1 g) = 0.00312 mW/g; SAR(10 g) = 0.00154 mW/g
Maximum value of SAR (measured) = 0.0198 mW/g



P339 802.11a_Front Face_1cm_Ch161_Sample1_Earphone

DUT: 120406C04

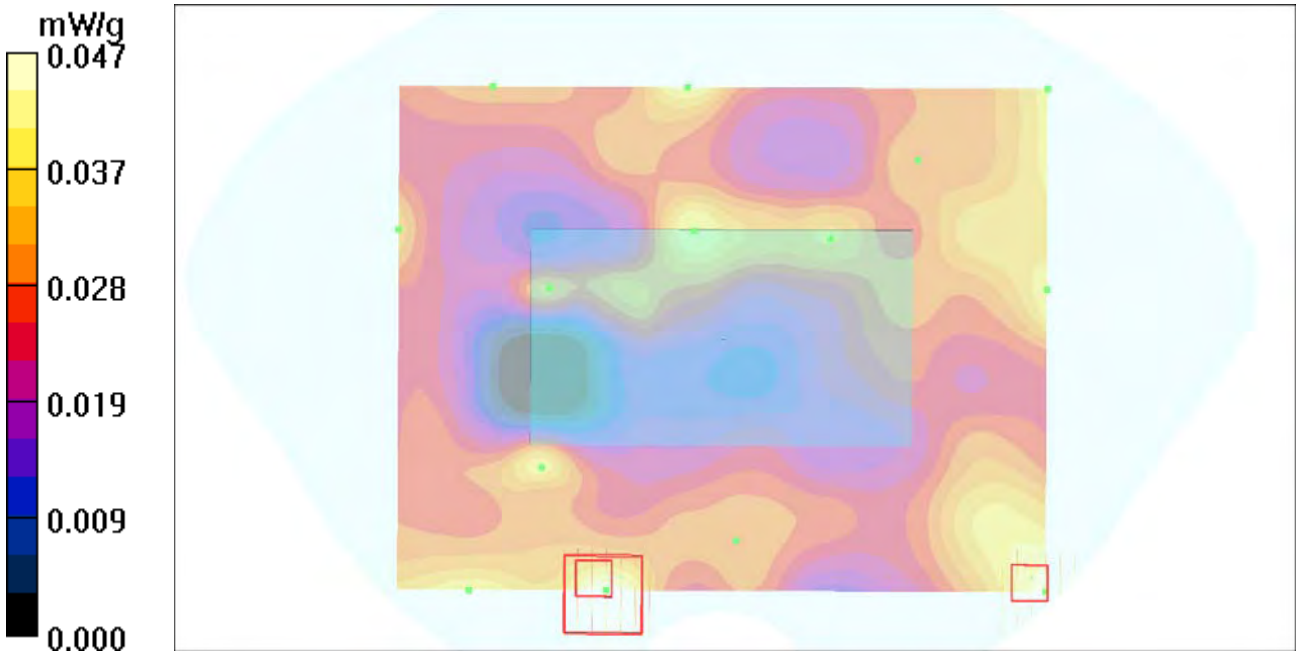
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 49.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.047 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.98 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.059 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.059 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.98 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



P340 802.11a_Rear Face_1cm_Ch161_Sample1_Earphone

DUT: 120406C04

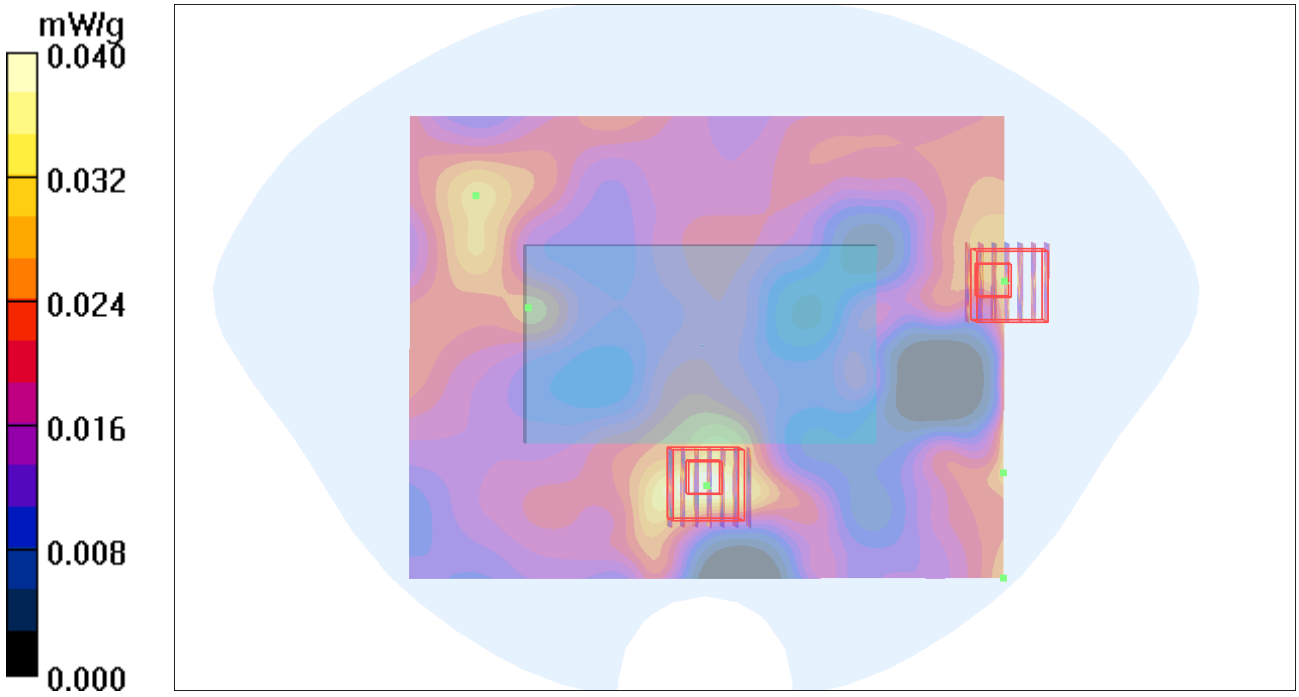
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0410 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 49.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.040 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.219 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 0.071 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.045 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.219 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.038 mW/g



P373 802.11a_Front Face_Ch161_Battery2_Earphone

DUT: 120402C01

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0419 Medium parameters used: f = 5805 MHz; σ = 6.164 mho/m; ε_r = 49.864; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (161x221x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0274 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.214 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.092 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0072 mW/g
Maximum value of SAR (measured) = 0.0267 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.214 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0219 mW/g