Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/02

P01 GSM850_GPRS10_Right Cheek_Ch189_Sample1

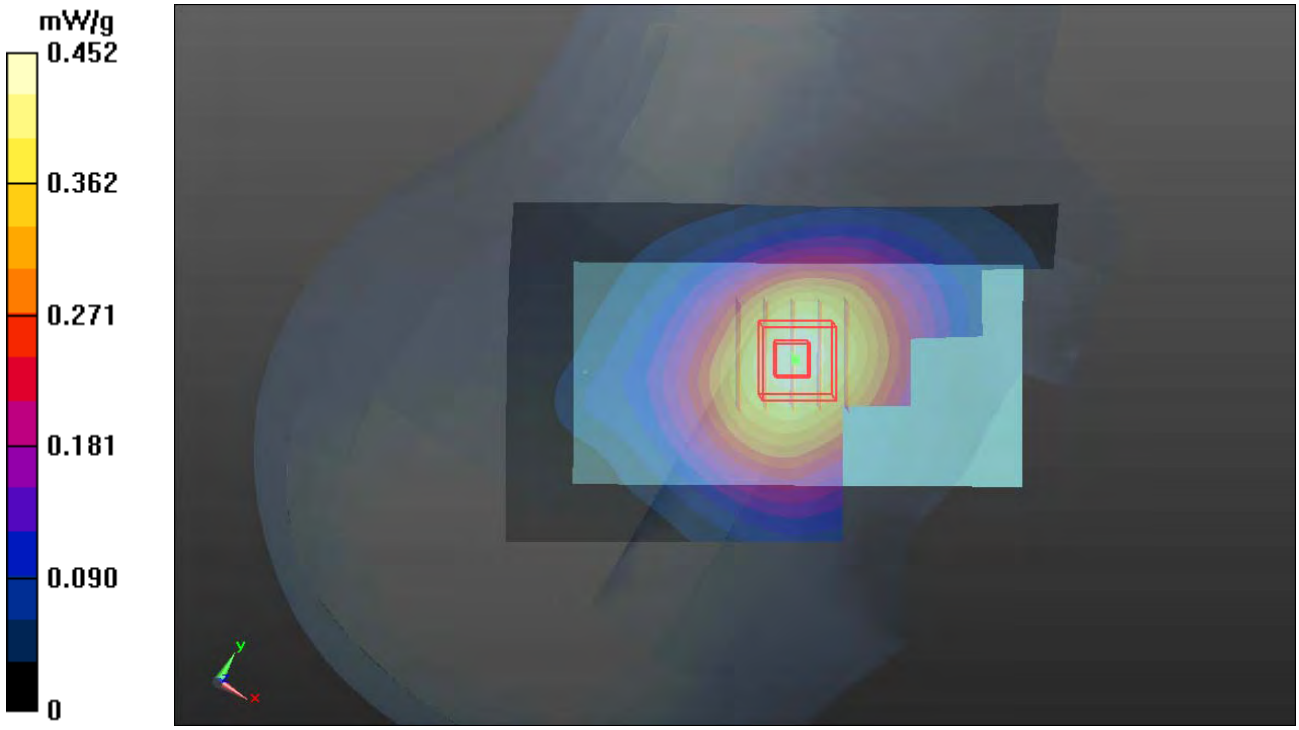
DUT: 120118C07

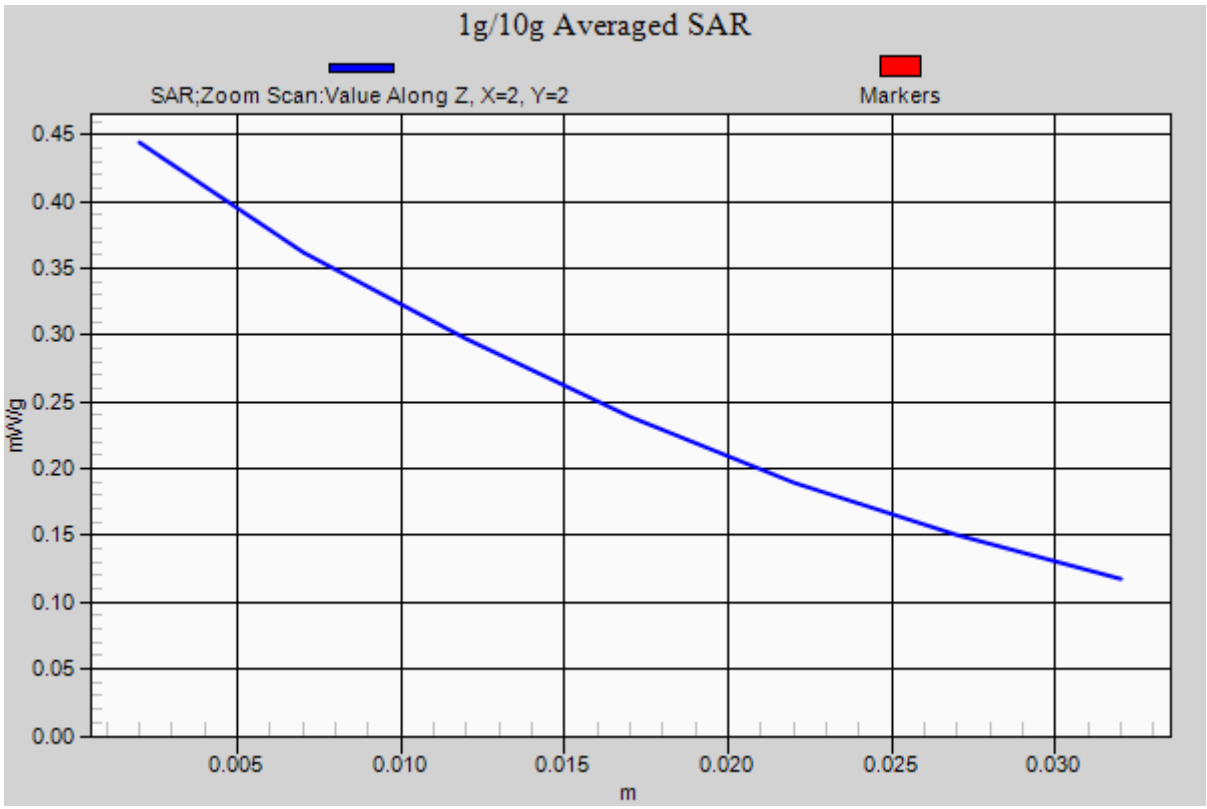
Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0202 Medium parameters used : f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 41.973; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.452 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.219 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.4770
SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.444 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P02 GSM850_GPRS10_Right Tilted_Ch189_Sample1

DUT: 120118C07

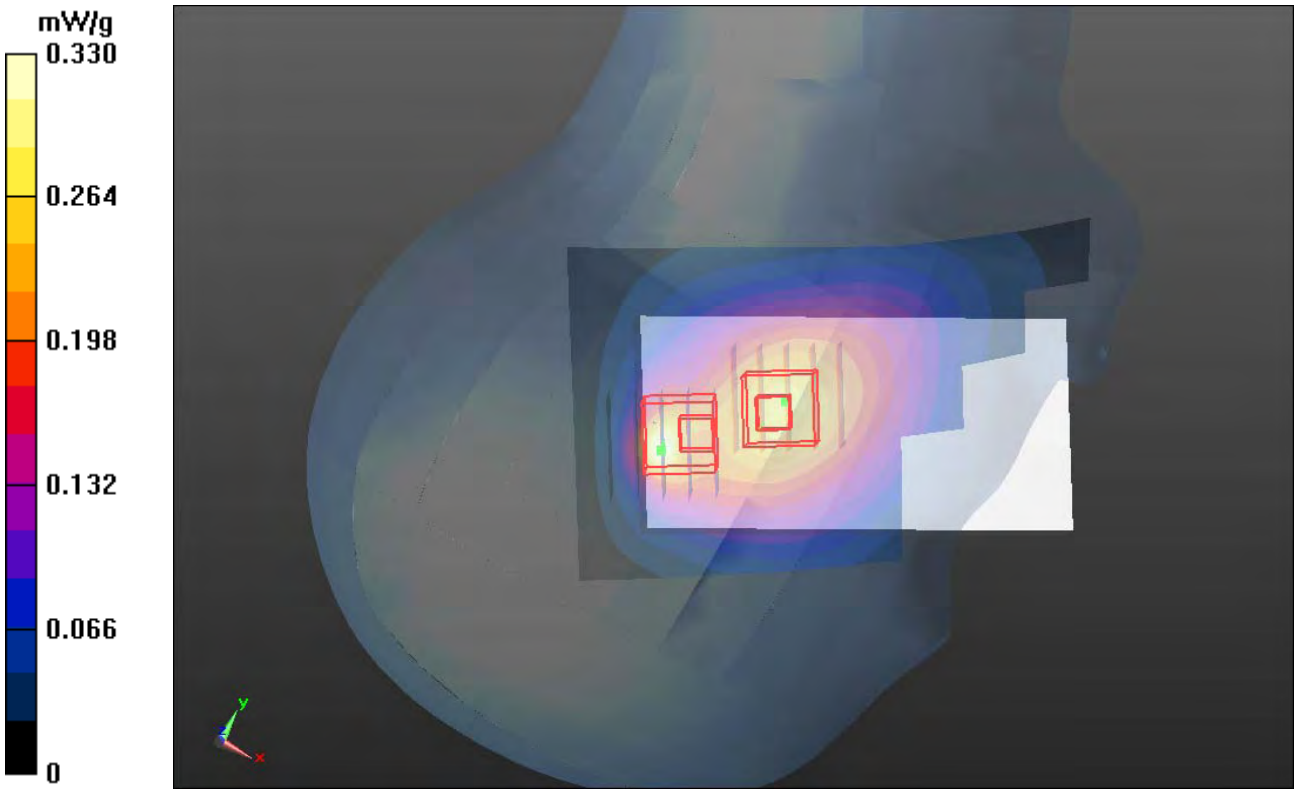
Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0202 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 41.973; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.330 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.205 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.2940
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.267 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.205 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.3040
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.227 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/02

P03 GSM850_GPRS10_Left Cheek_Ch189_Sample1

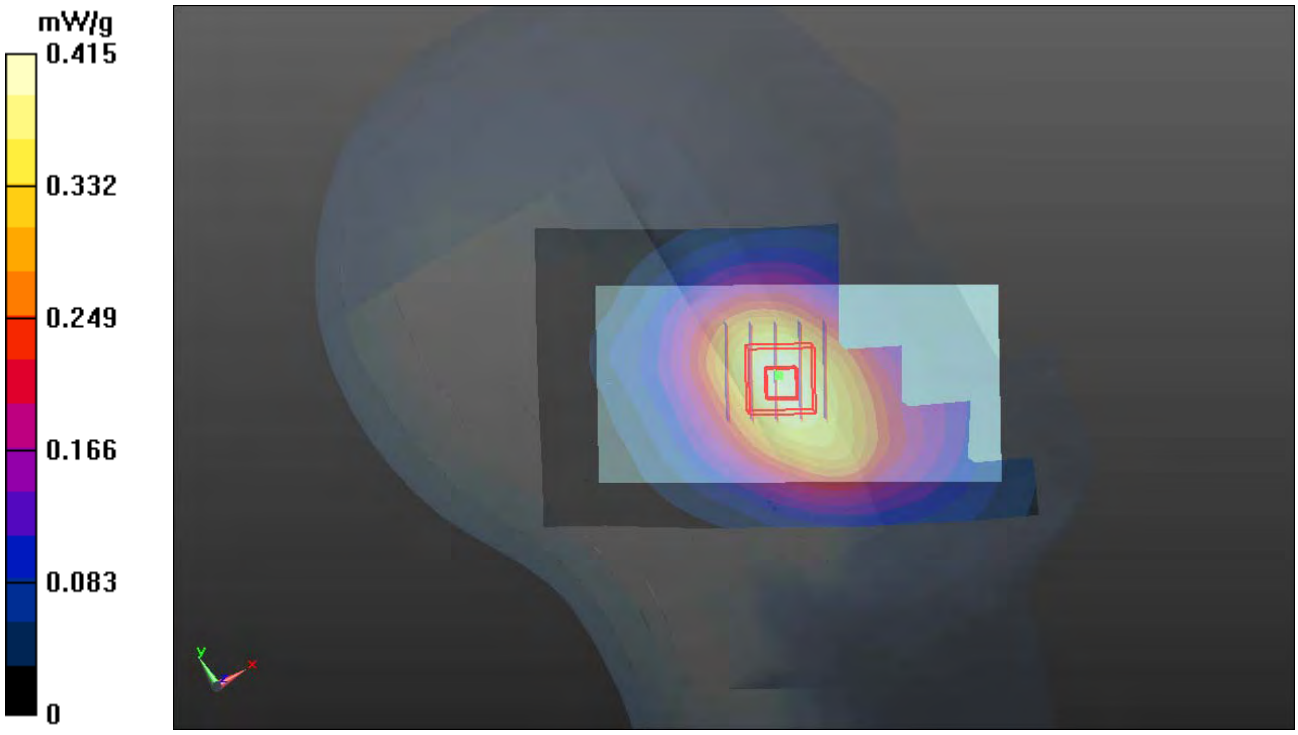
DUT: 120118C07

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0202 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 41.973; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.415 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.578 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.4430
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.406 mW/g



P04 GSM850_GPRS10_Left Tilted_Ch189_Sample1

DUT: 120118C07

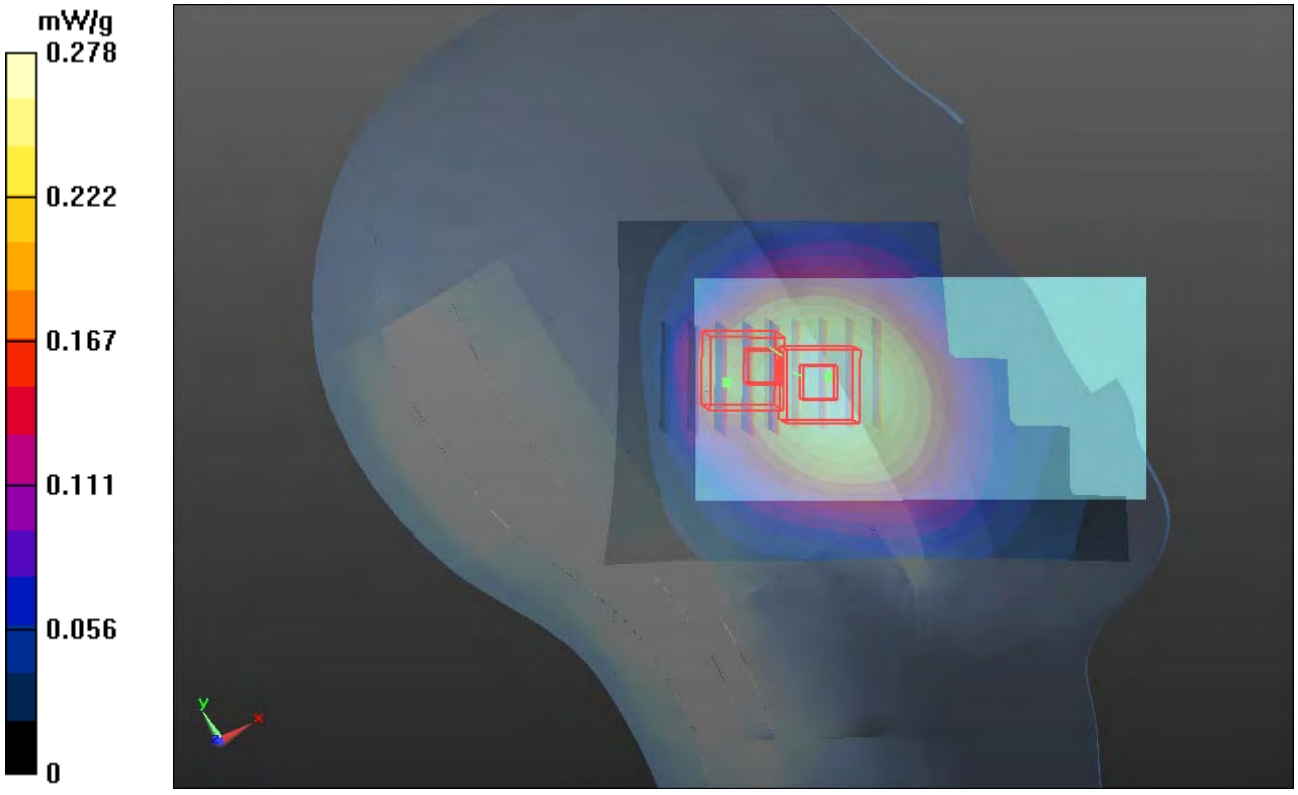
Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0202 Medium parameters used : f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 41.973; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.278 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.803 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.3010
SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.187 mW/g
Maximum value of SAR (measured) = 0.273 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.803 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.3050
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/02

P07 GSM850_GPRS10_Right Cheek_Ch189_Sample2

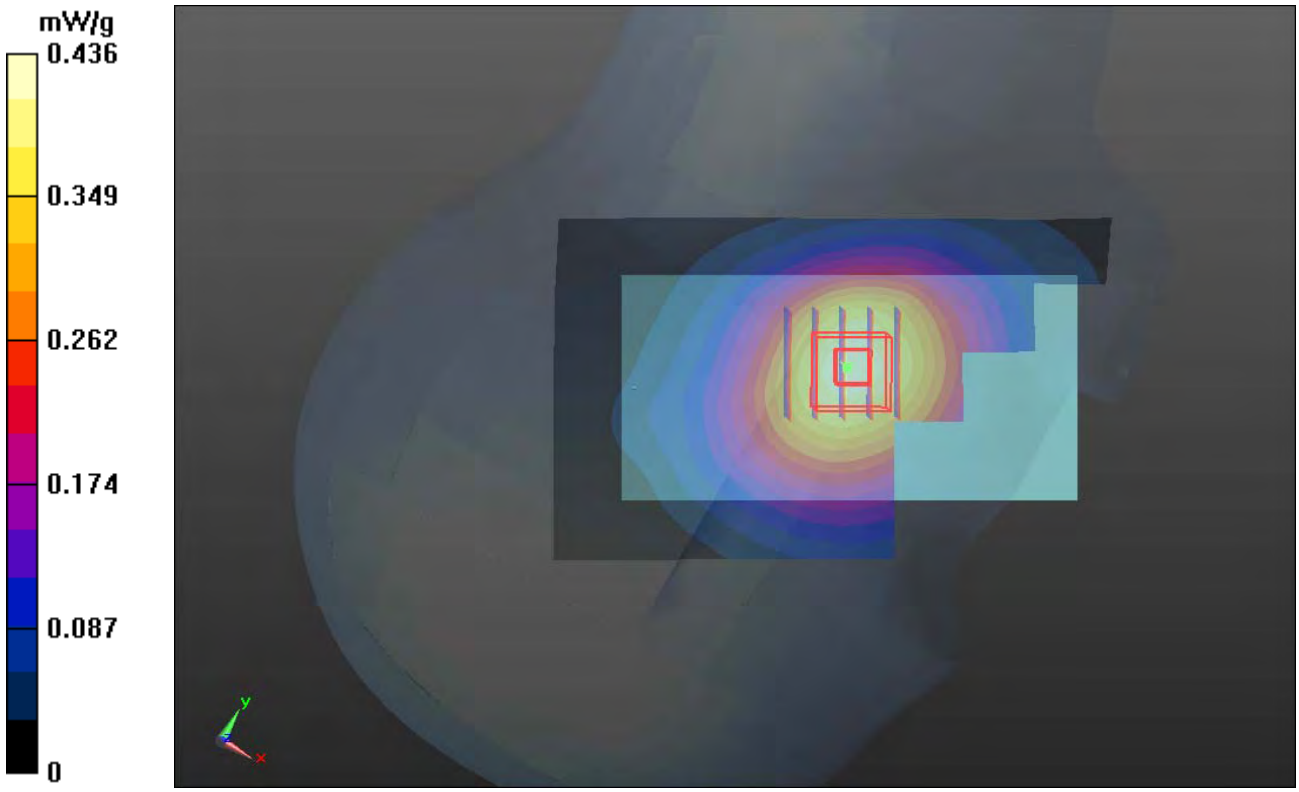
DUT: 120118C07

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0202 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 41.973; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.436 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.779 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.4600
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.424 mW/g



P18 GSM1900_Right Cheek_Ch810_Sample1

DUT: 120118C07

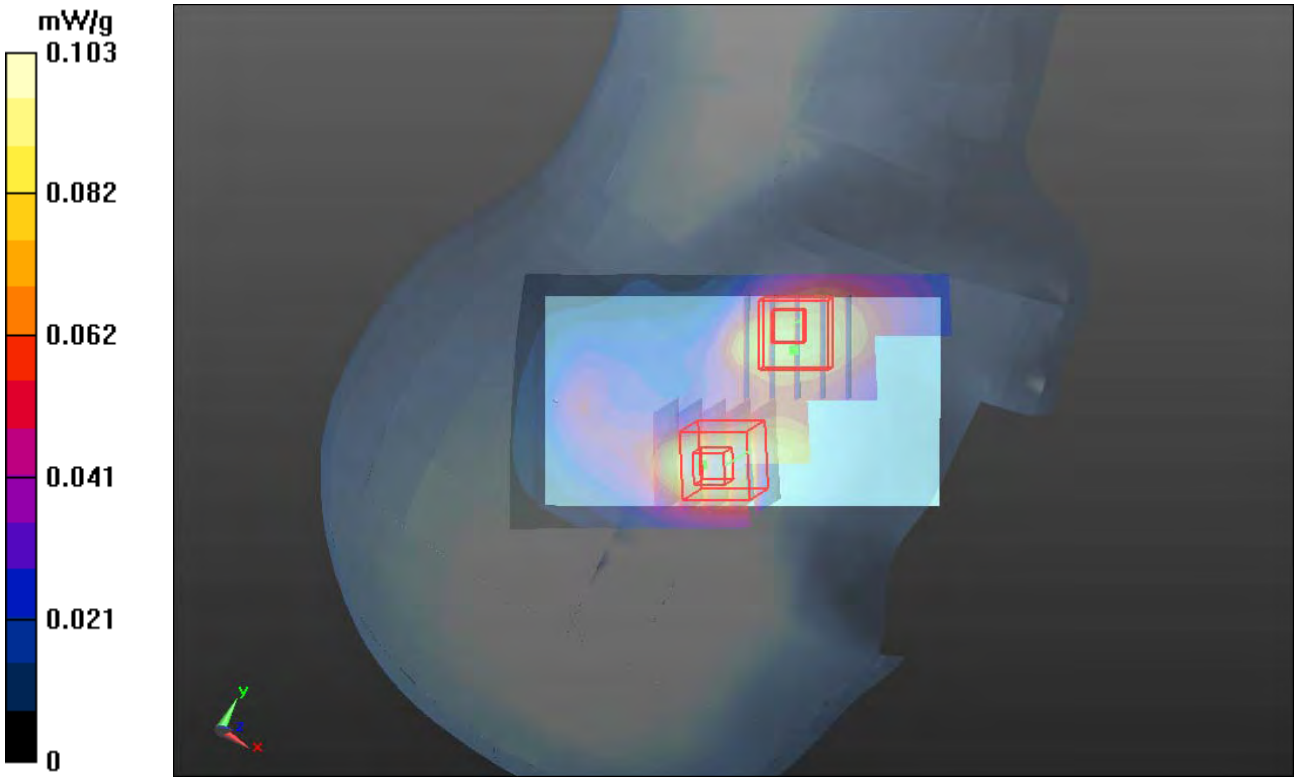
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0212 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.103 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.339 V/m; Power Drift = -0.0065 dB
Peak SAR (extrapolated) = 0.1230
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.101 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.339 V/m; Power Drift = -0.0065 dB
Peak SAR (extrapolated) = 0.1070
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.091 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/12

P19 GSM1900_Right Tilted_Ch810_Sample1

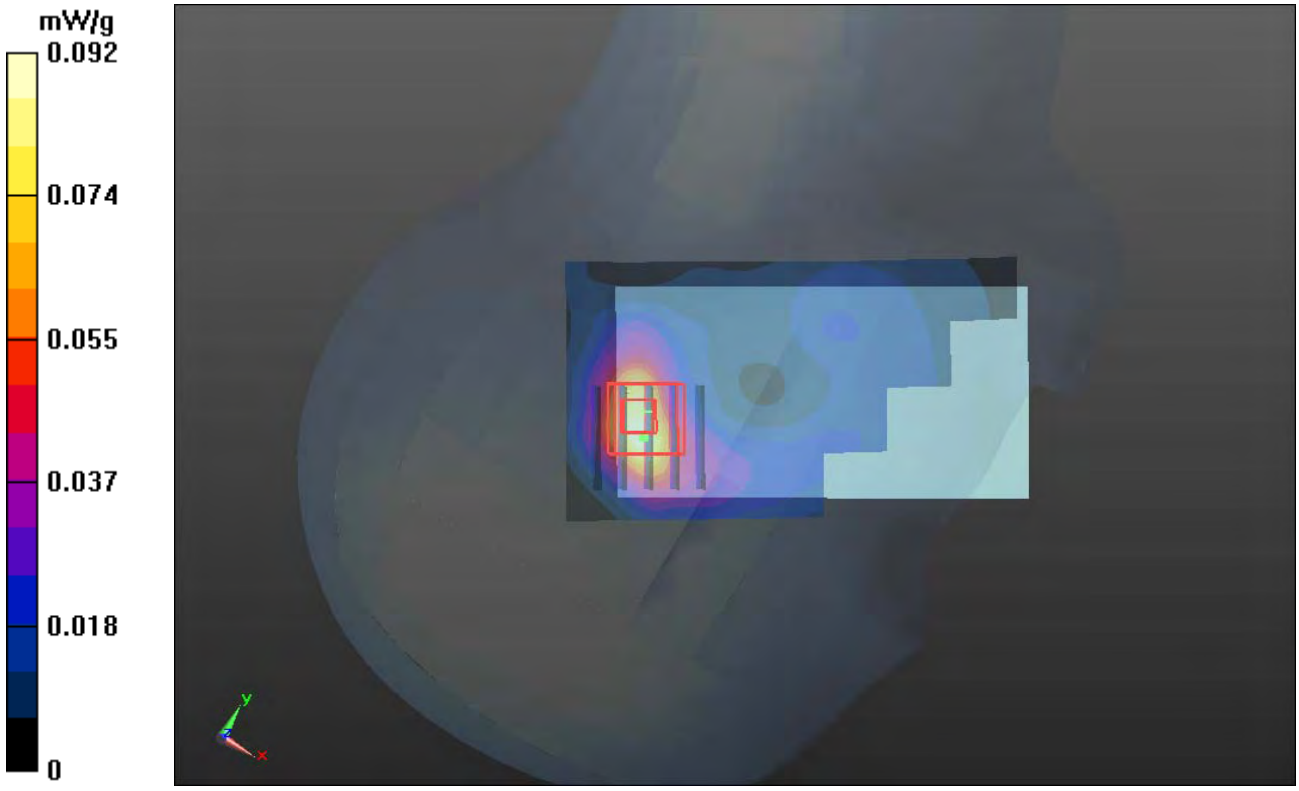
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0212 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.092 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.353 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0980
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.073 mW/g



P20 GSM1900_Left Cheek_Ch810_Sample1

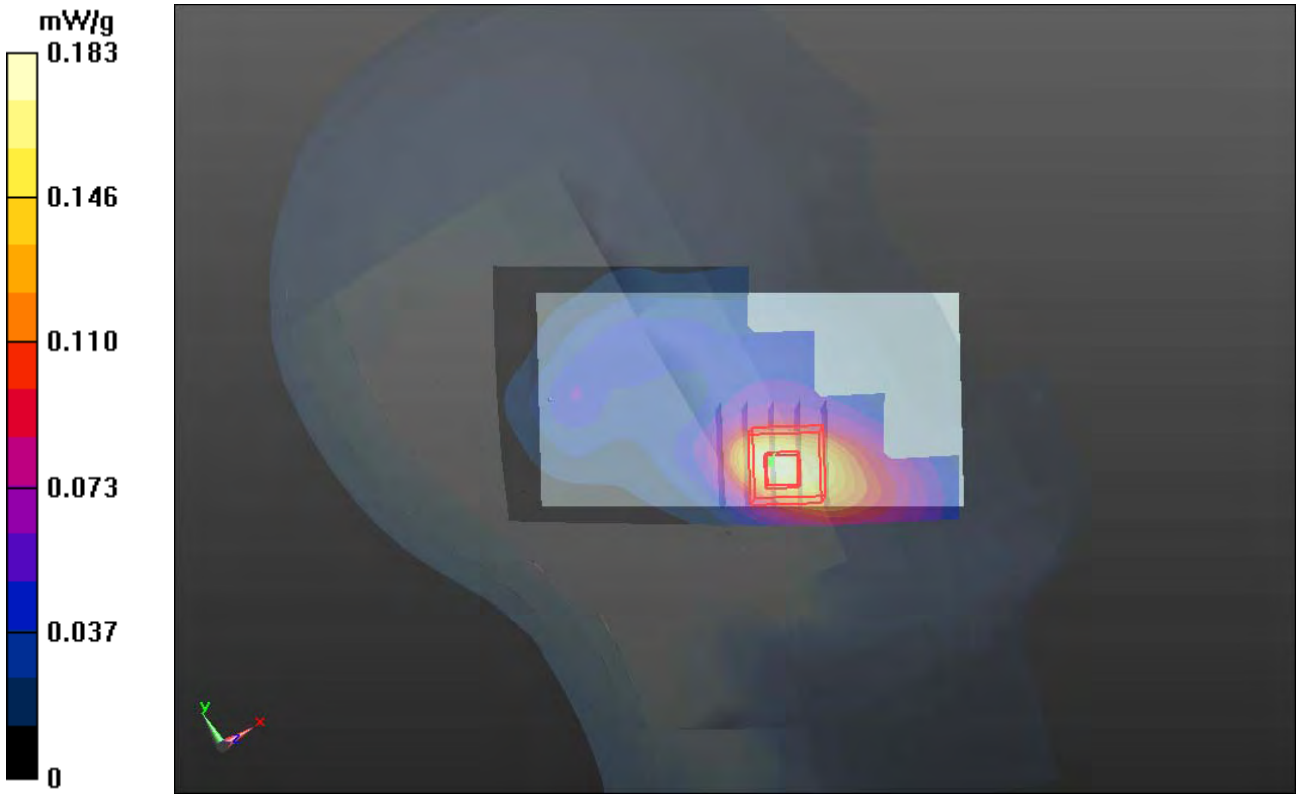
DUT: 120118C07

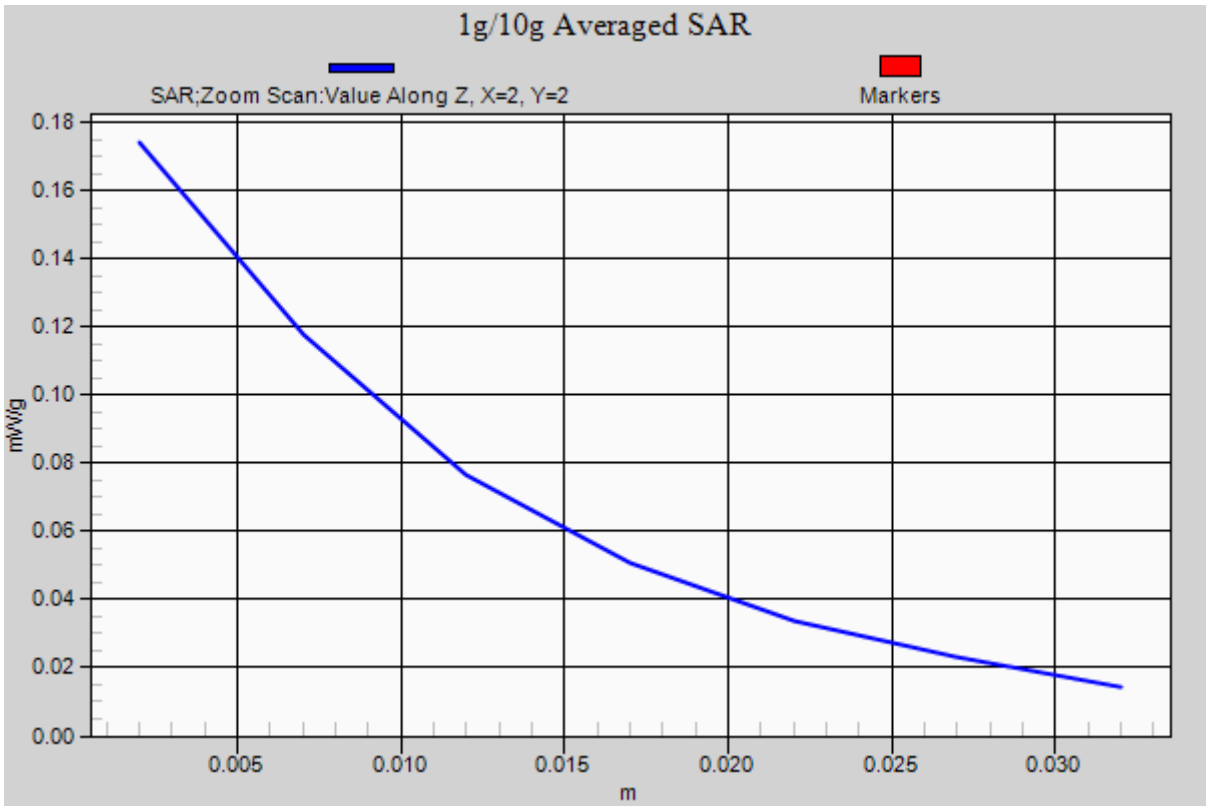
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0212 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.701 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.2240
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.174 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.18
0.16
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
0.025
0.030
m

P21 GSM1900_Left Tilted_Ch810_Sample1

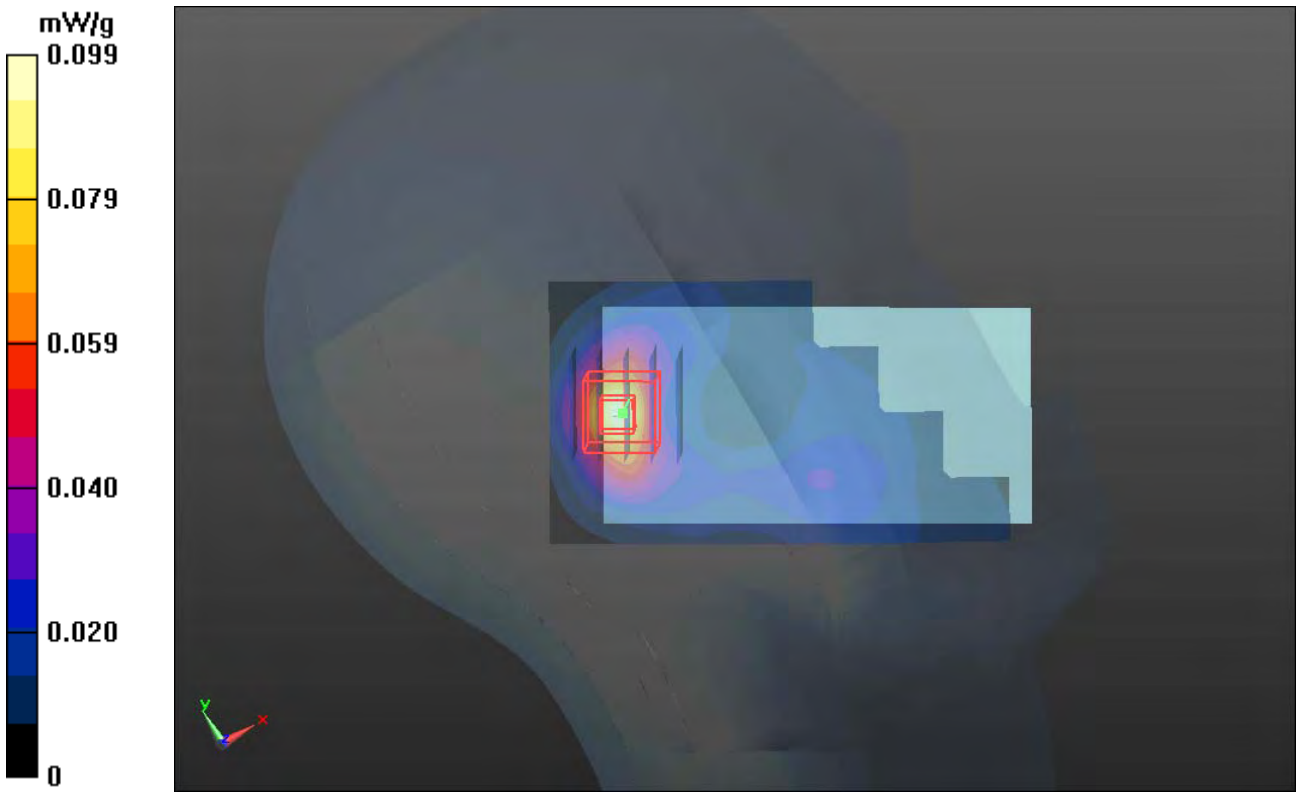
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0212 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.099 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.374 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.1260
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



P24 GSM1900_Left Cheek_Ch810_Sample2

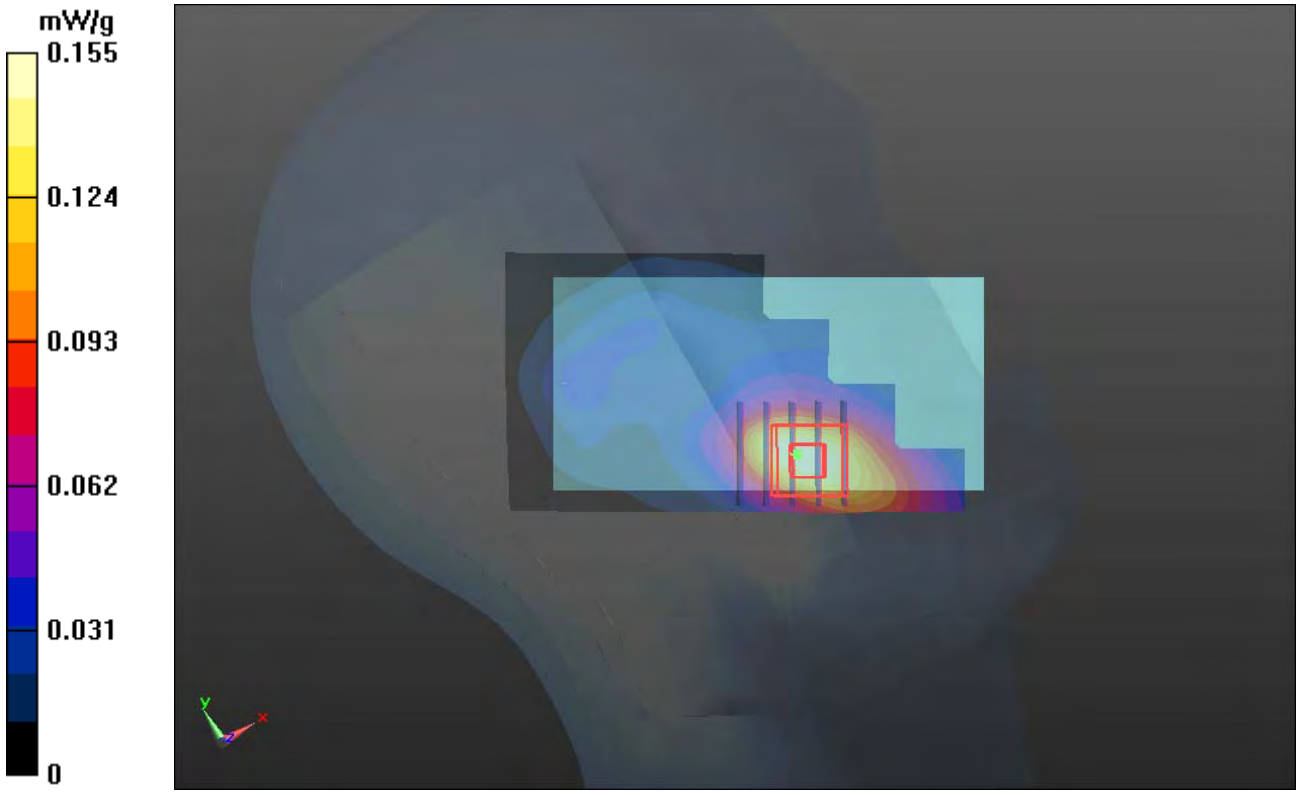
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0212 Medium parameters used: f = 1910 MHz; σ = 1.447 mho/m; ε_r = 40.954; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.206 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.1940
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



P40 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Sample1

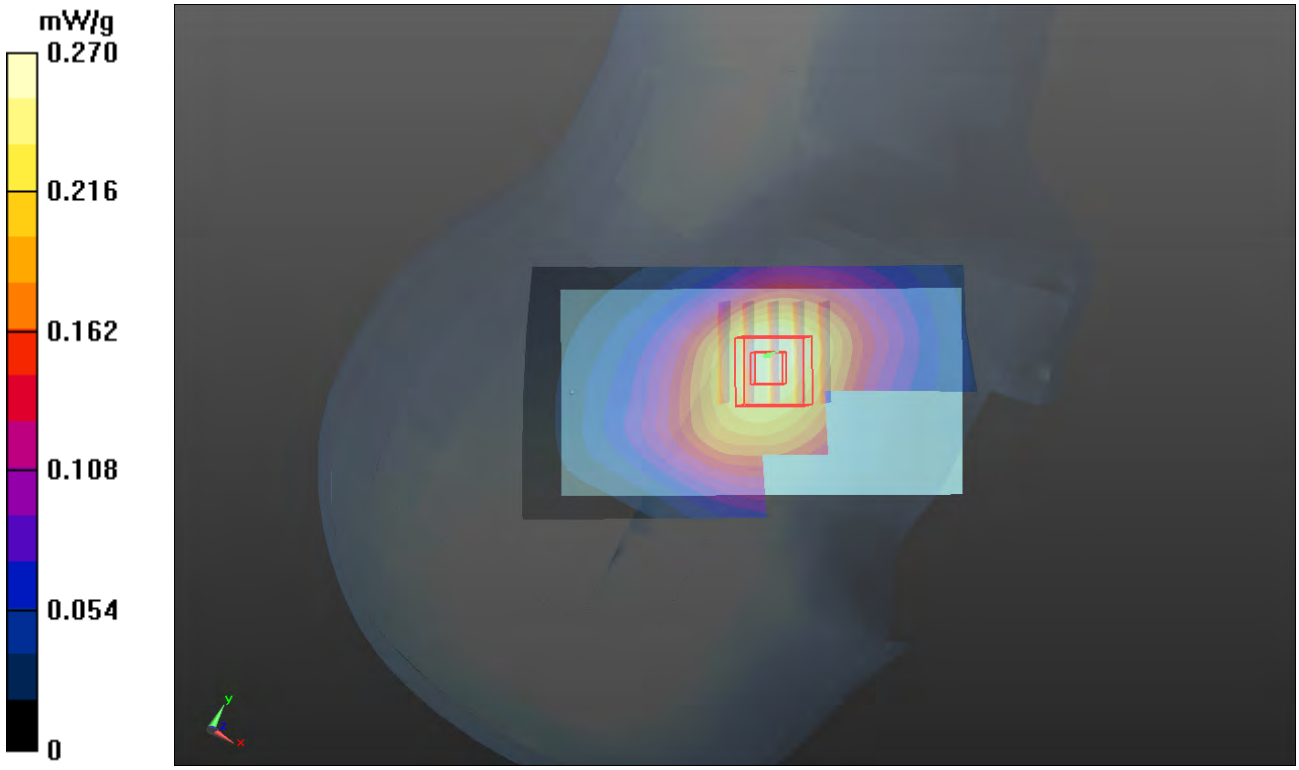
DUT: 120118C07

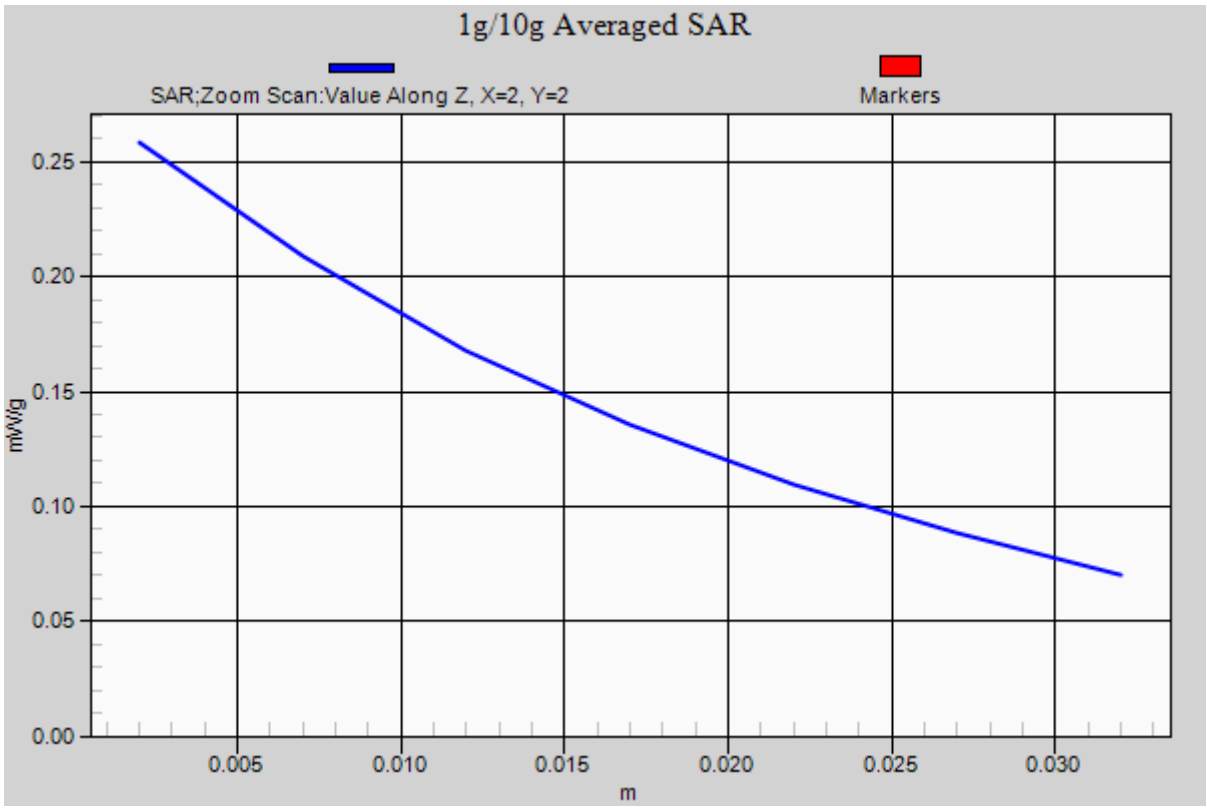
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0212 Medium parameters used: f = 826.4 MHz; σ = 0.878 mho/m; ε_r = 42.118; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.270 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.464 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.2810
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.258 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P41 WCDMA V_RMC12.2K_Right Tilted_Ch4132_Sample1

DUT: 120118C07

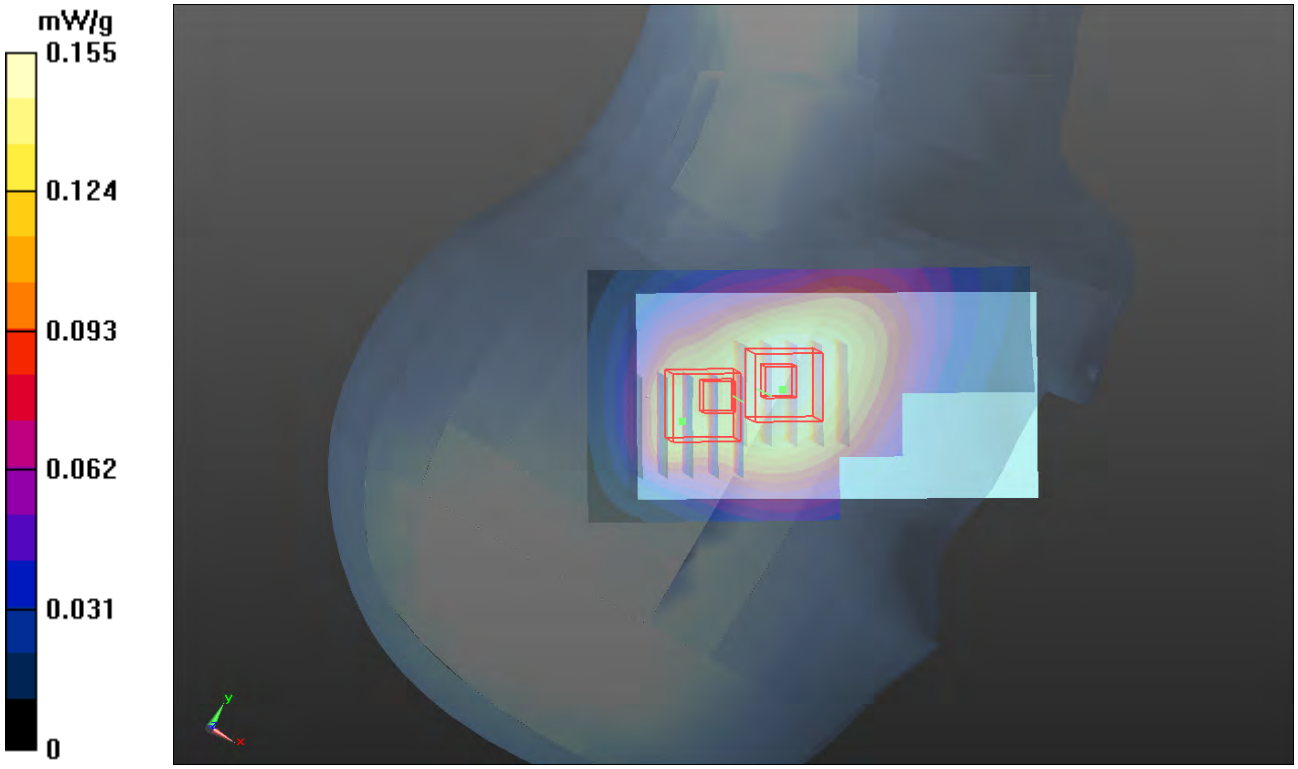
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0212 Medium parameters used: f = 826.4 MHz; σ = 0.878 mho/m; ε_r = 42.118; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.509 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.1690
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.155 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.509 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.1500
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.139 mW/g



P42 WCDMA V_RMC12.2K_Left Cheek_Ch4132_Sample1

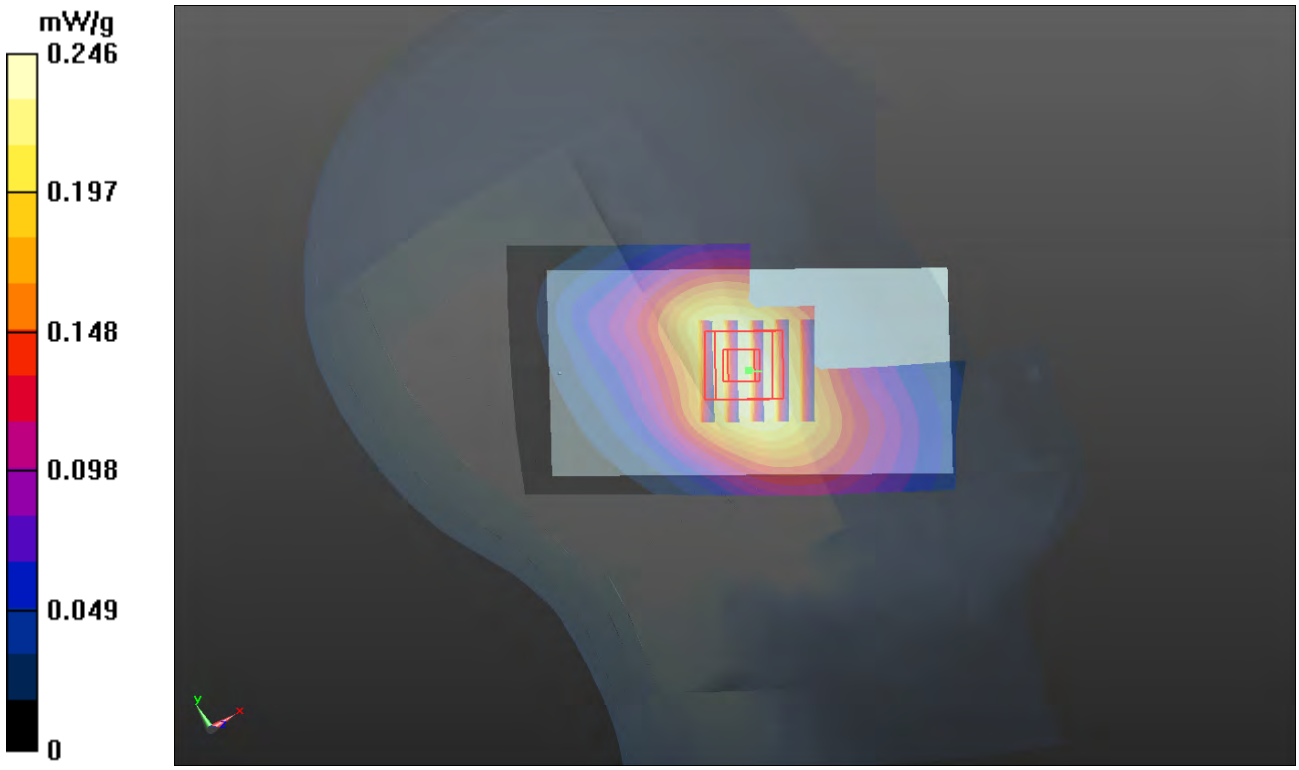
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0212 Medium parameters used: f = 826.4 MHz; σ = 0.878 mho/m; ε_r = 42.118; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.246 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.943 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.2670
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



P43 WCDMA V_RMC12.2K_Left Tilted_Ch4132_Sample1

DUT: 120118C07

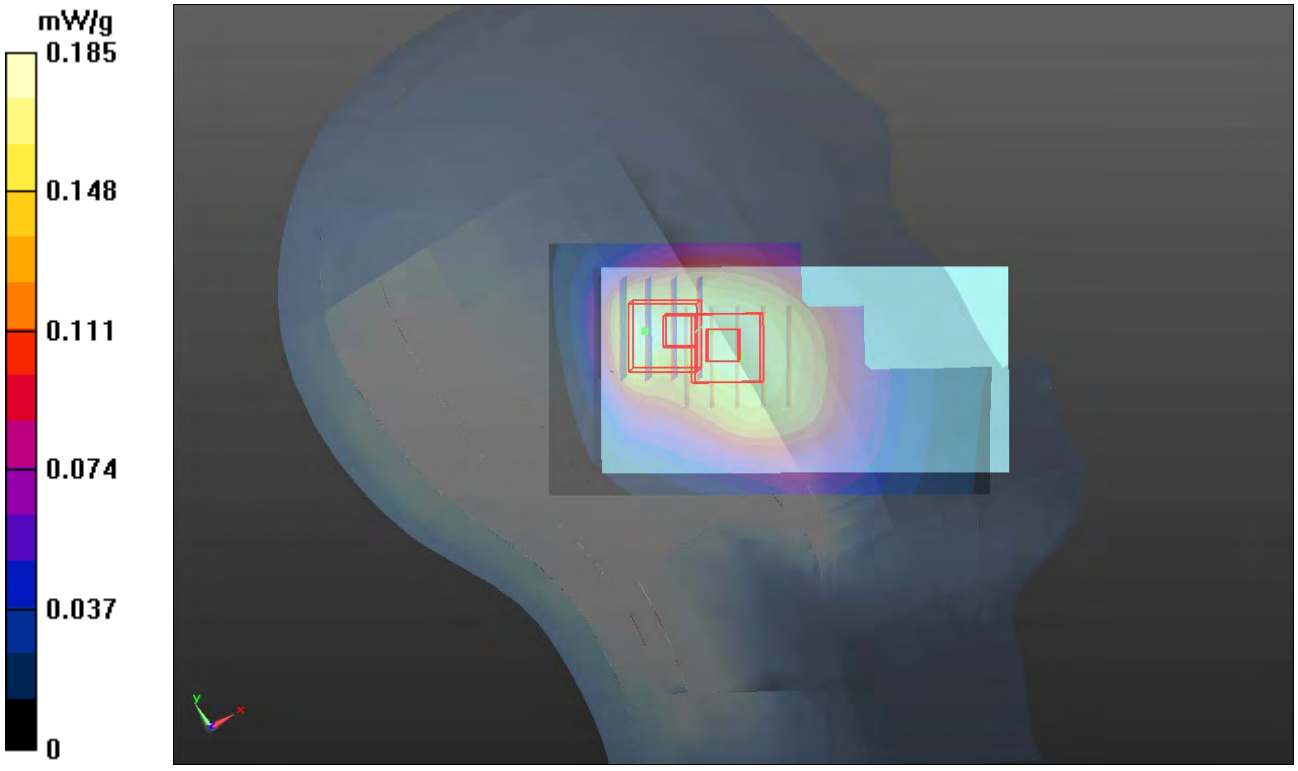
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0212 Medium parameters used: f = 826.4 MHz; σ = 0.878 mho/m; ε_r = 42.118; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.984 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.1940
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.178 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.984 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.1870
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



P44 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Sample2

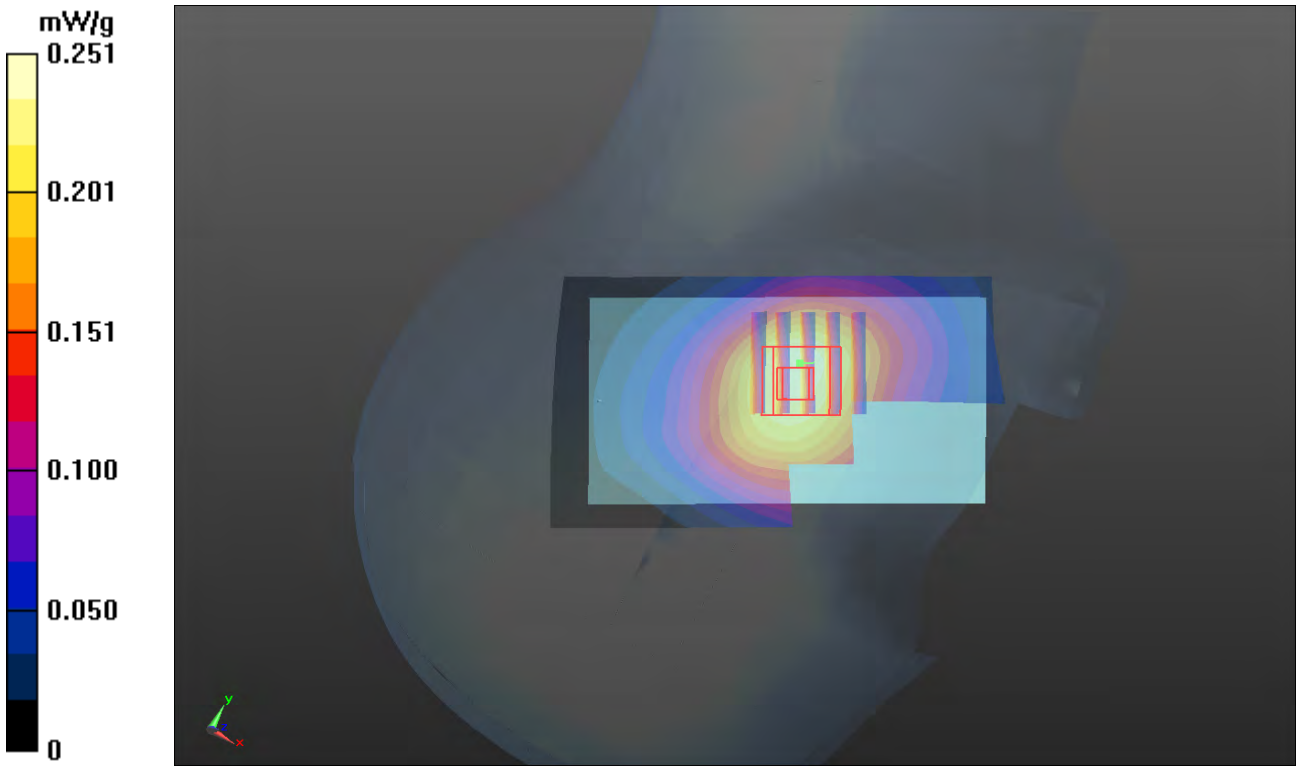
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0212 Medium parameters used: f = 826.4 MHz; σ = 0.878 mho/m; ε_r = 42.118; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.251 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.793 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.2600
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.238 mW/g



P53 WCDMA IV_RMC12.2K_Right Cheek_Ch1513_Sample1

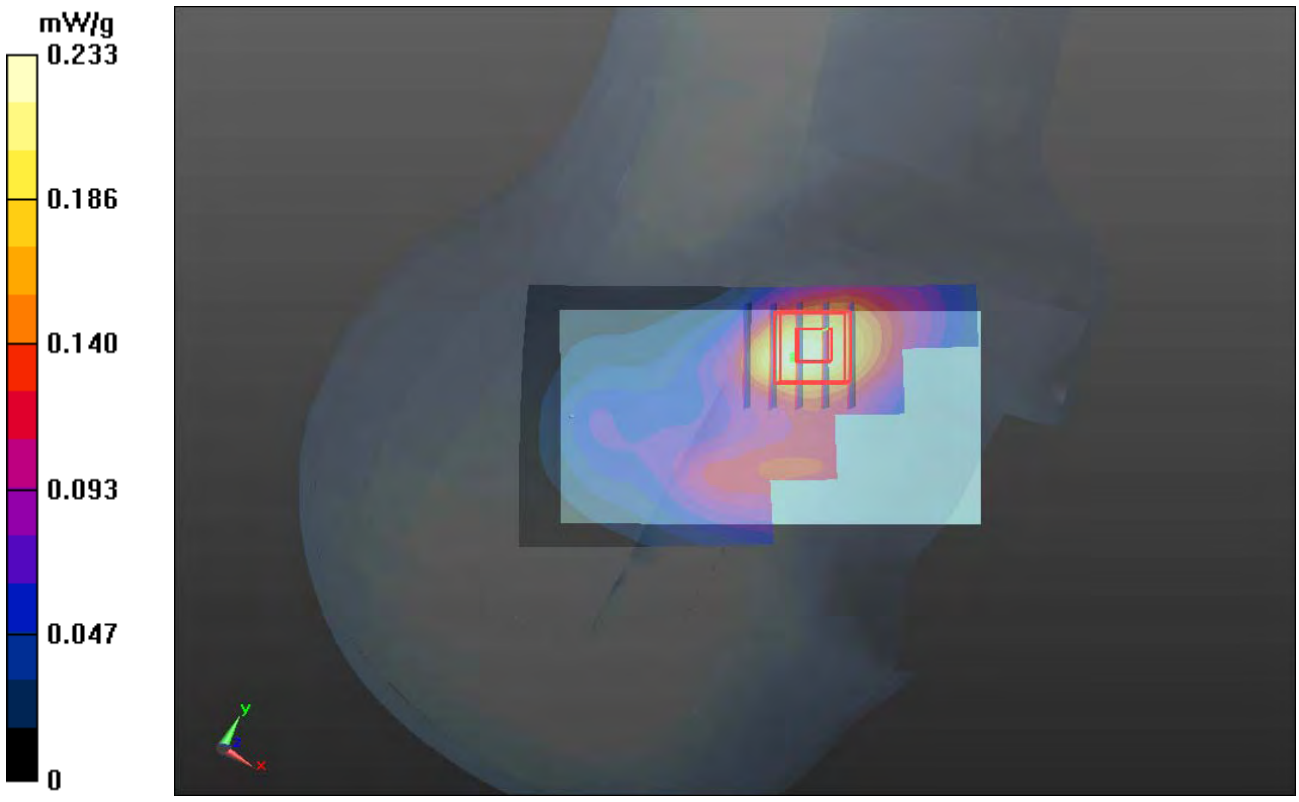
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750_0212 Medium parameters used: f = 1753 MHz; σ = 1.369 mho/m; ε_r = 40.515; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.421 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.2670
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.222 mW/g



P54 WCDMA IV_RMC12.2K_Right Tilted_Ch1513_Sample1

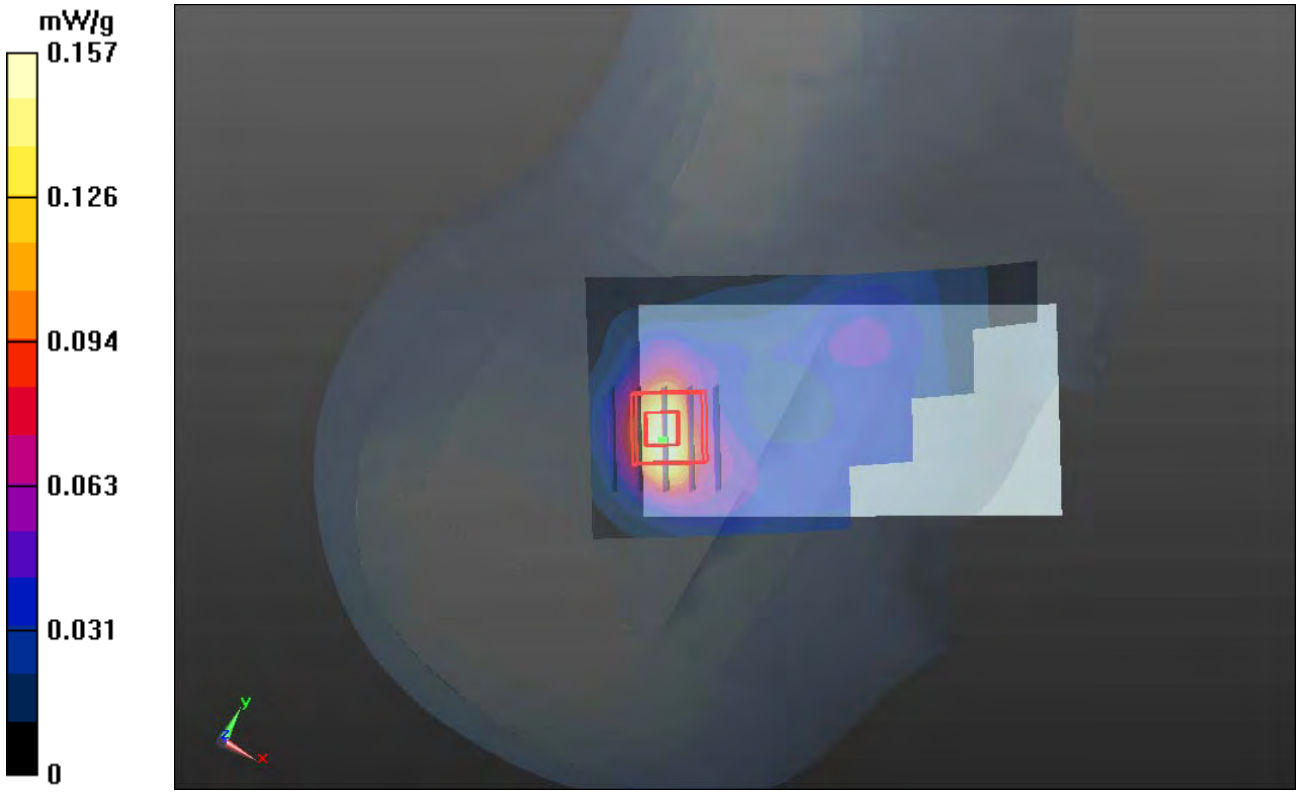
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750_0212 Medium parameters used: f = 1753 MHz; σ = 1.369 mho/m; ε_r = 40.515; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.066 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.1780
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.145 mW/g



P55 WCDMA IV_RMC12.2K_Left Cheek_Ch1513_Sample1

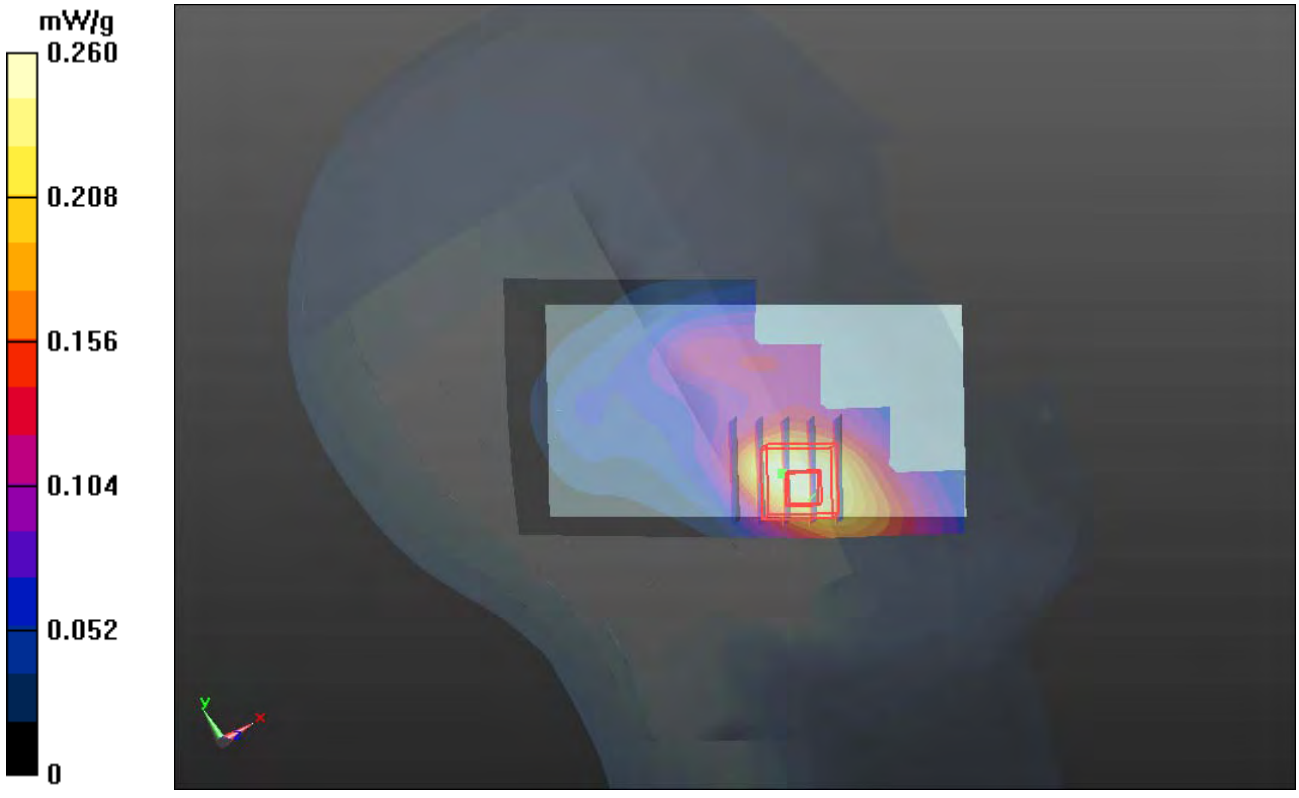
DUT: 120118C07

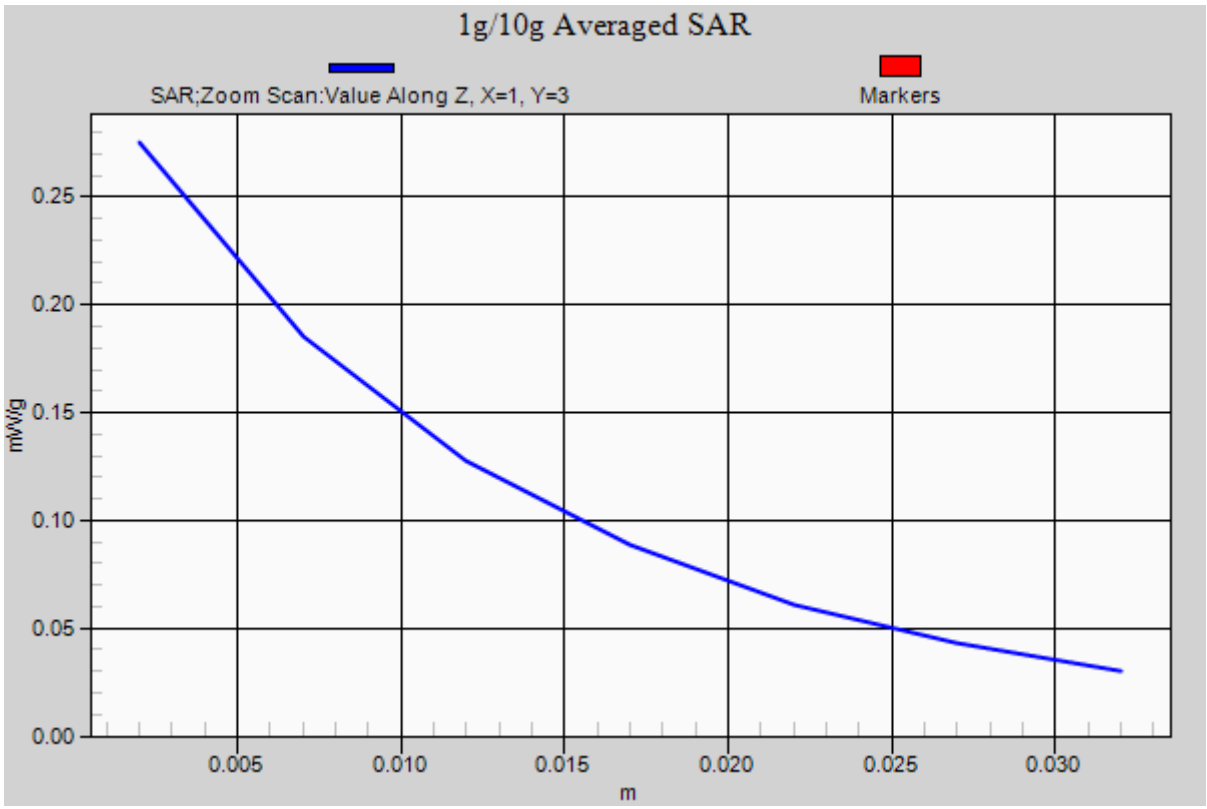
Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750_0212 Medium parameters used: f = 1753 MHz; σ = 1.369 mho/m; ε_r = 40.515; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.119 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.3300
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.275 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=3
Markers
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P56 WCDMA IV_RMC12.2K_Left Tilted_Ch1513_Sample1

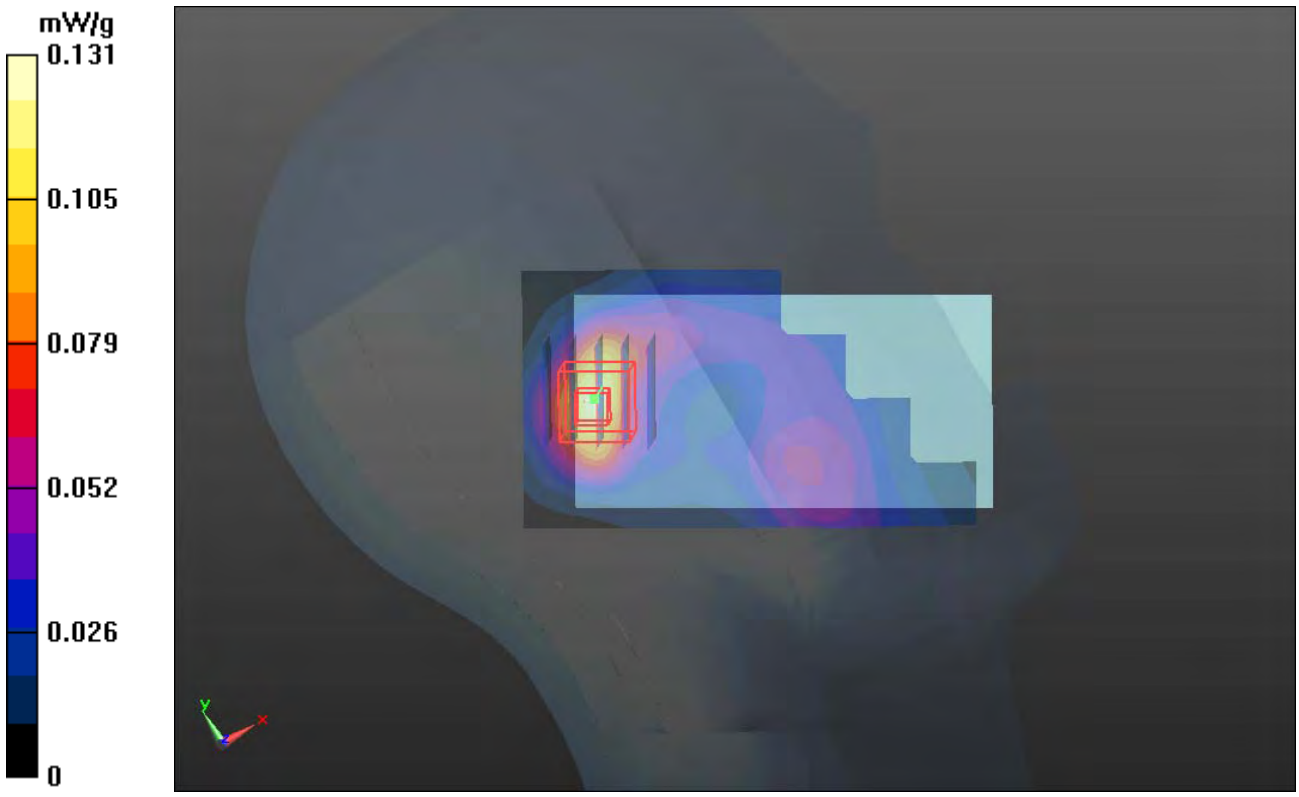
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750_0212 Medium parameters used: f = 1753 MHz; σ = 1.369 mho/m; ε_r = 40.515; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.131 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.646 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.1570
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



P57 WCDMA IV_RMC12.2K_Left Cheek_Ch1513_Sample2

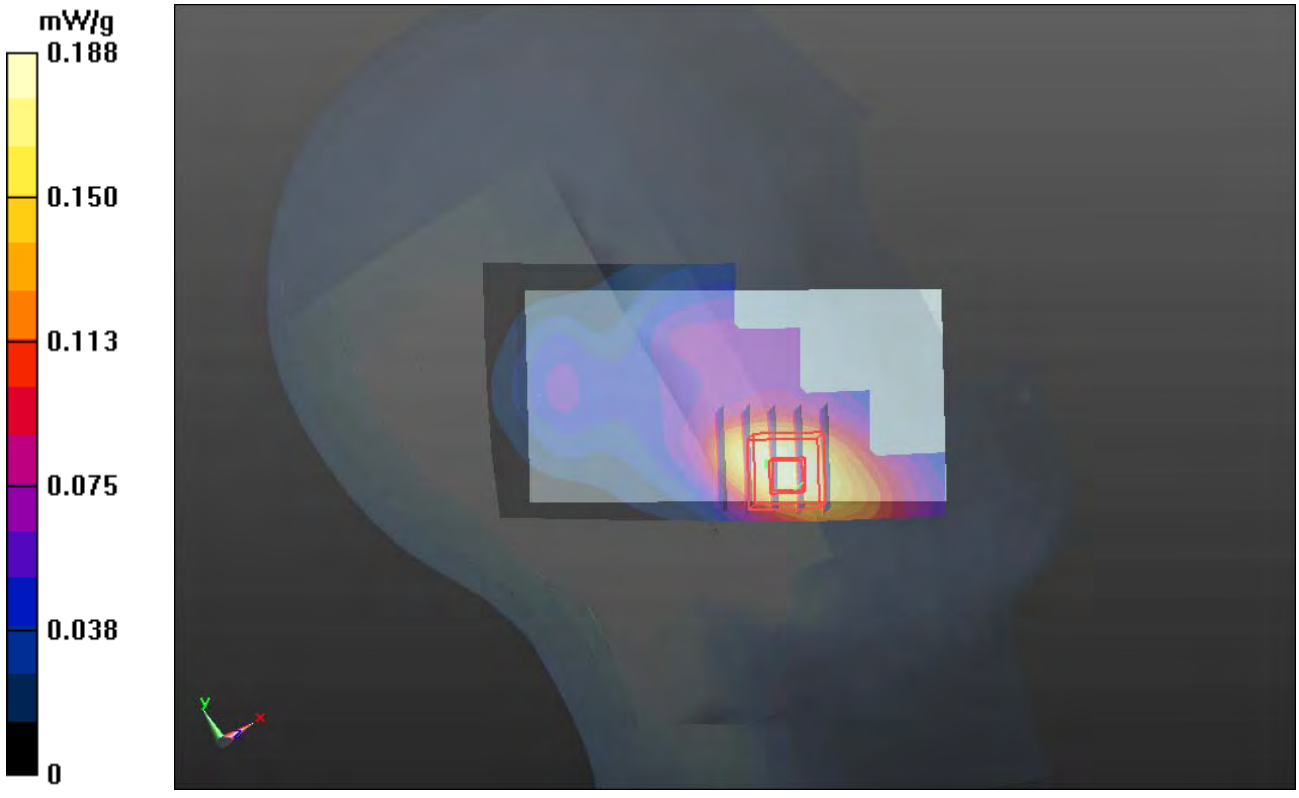
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750_0212 Medium parameters used: f = 1753 MHz; σ = 1.369 mho/m; ε_r = 40.515; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.79, 7.79, 7.79); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.188 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.298 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.2440
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.197 mW/g



P68 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Sample1

DUT: 120118C07

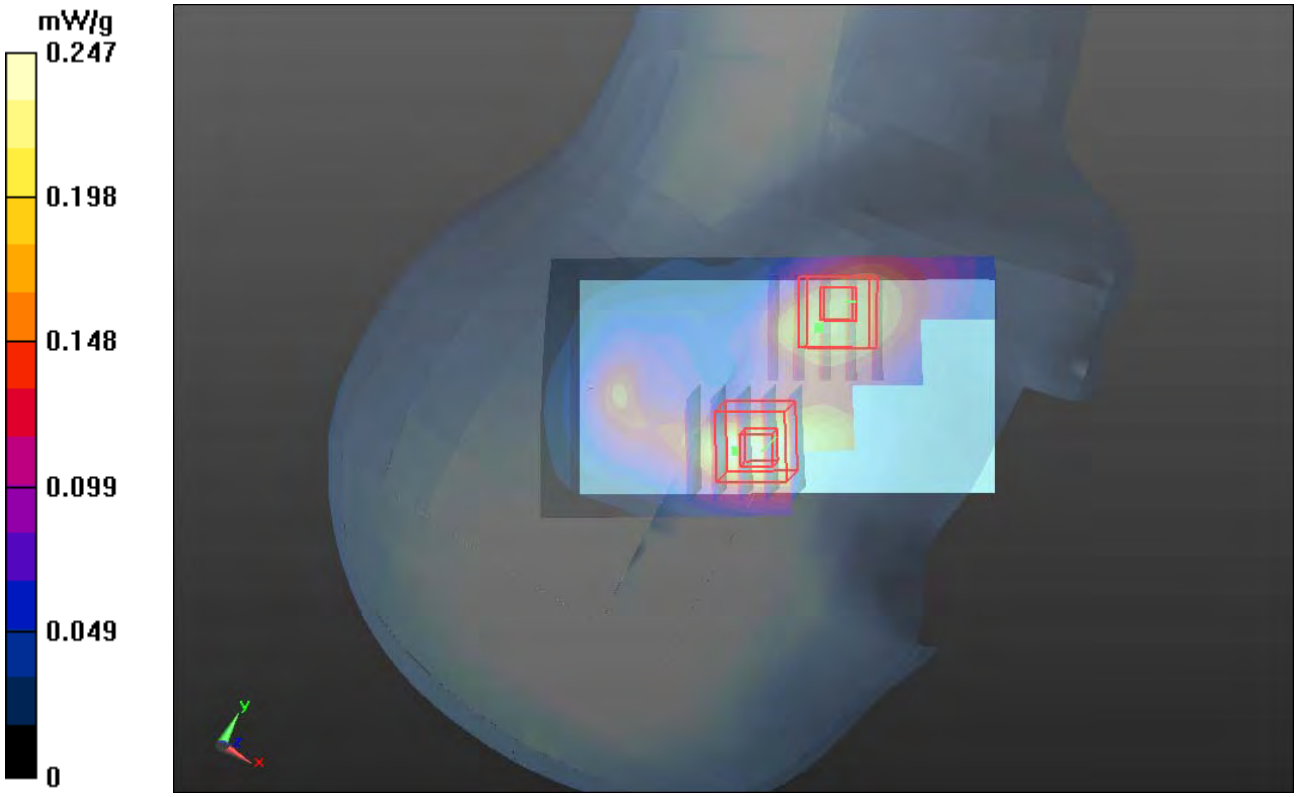
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0212 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.247 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.429 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.2700
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.228 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.429 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.2800
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.232 mW/g



P69 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Sample1

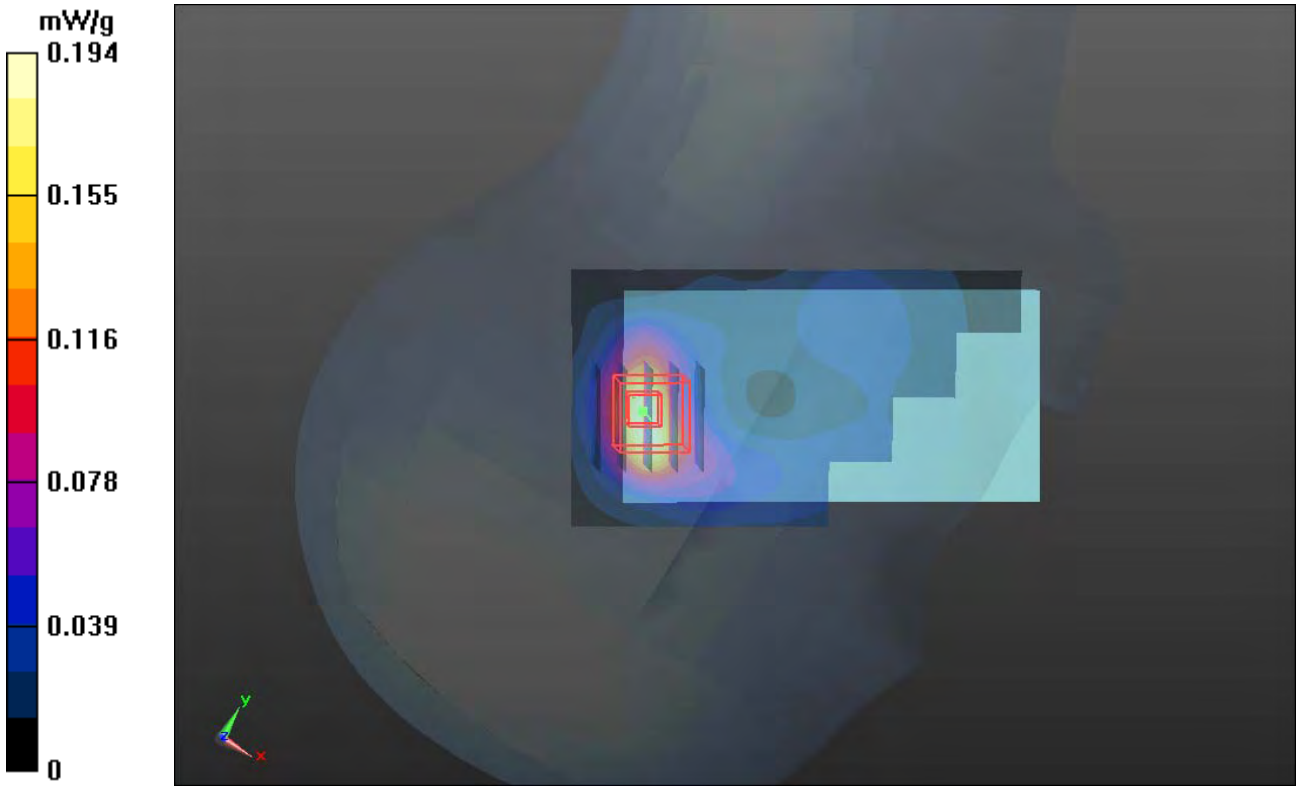
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0212 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.194 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.422 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.2170
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



P70 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Sample1

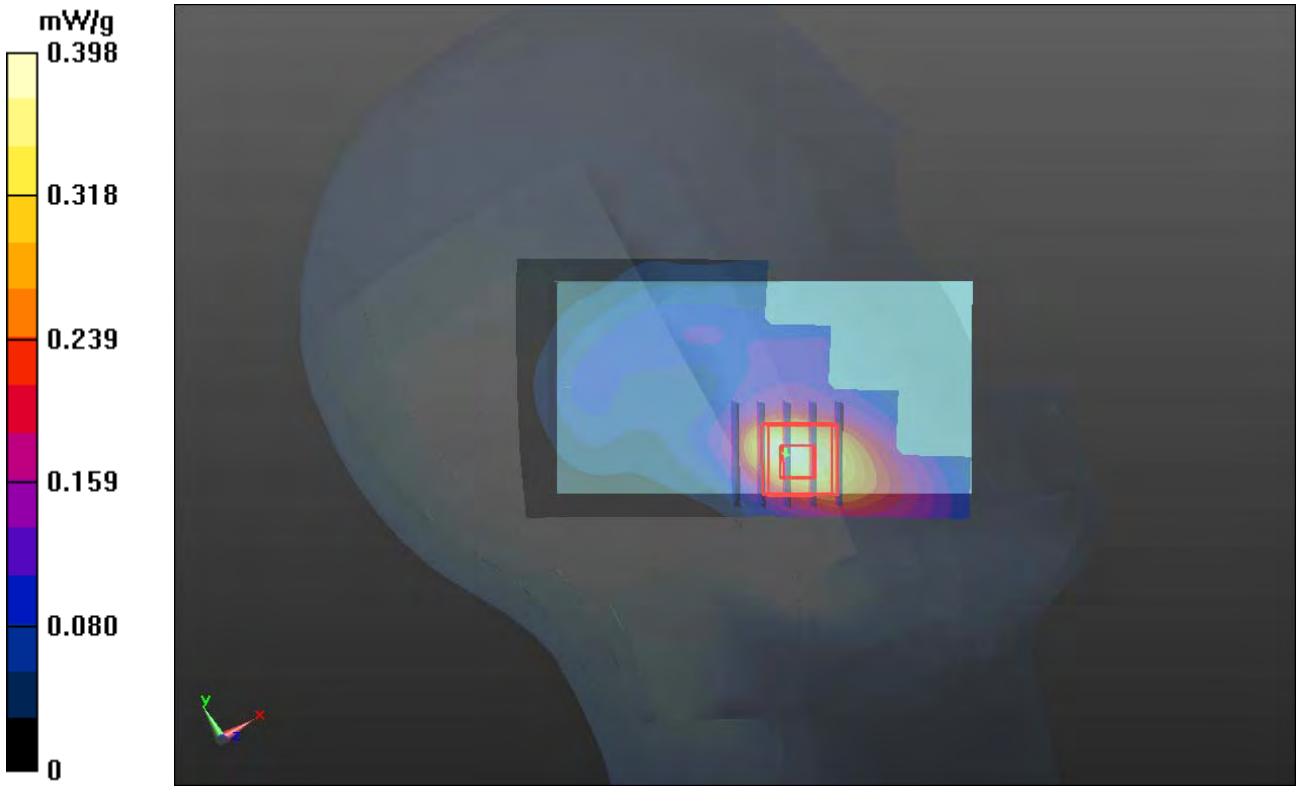
DUT: 120118C07

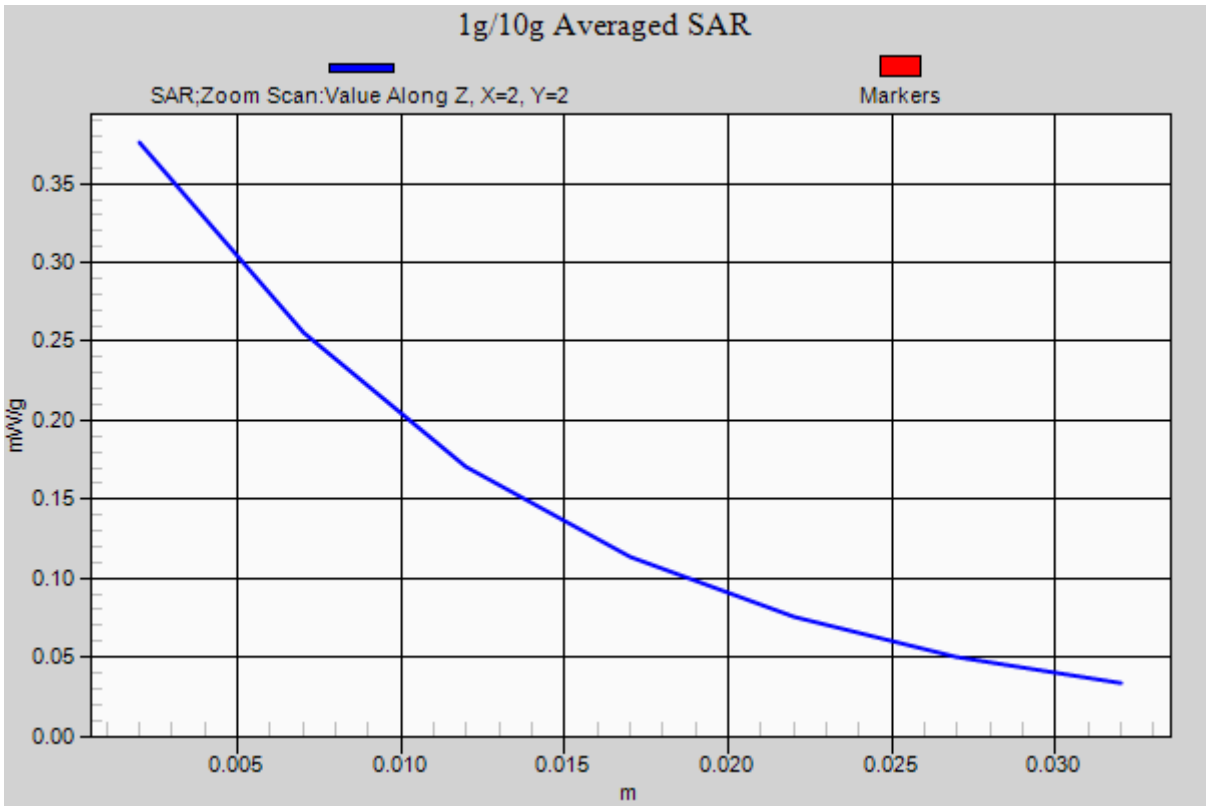
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0212 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.398 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.265 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.4760
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.376 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P71 WCDMA II_RMC12.2K_Left Tilted_Ch9400_Sample1

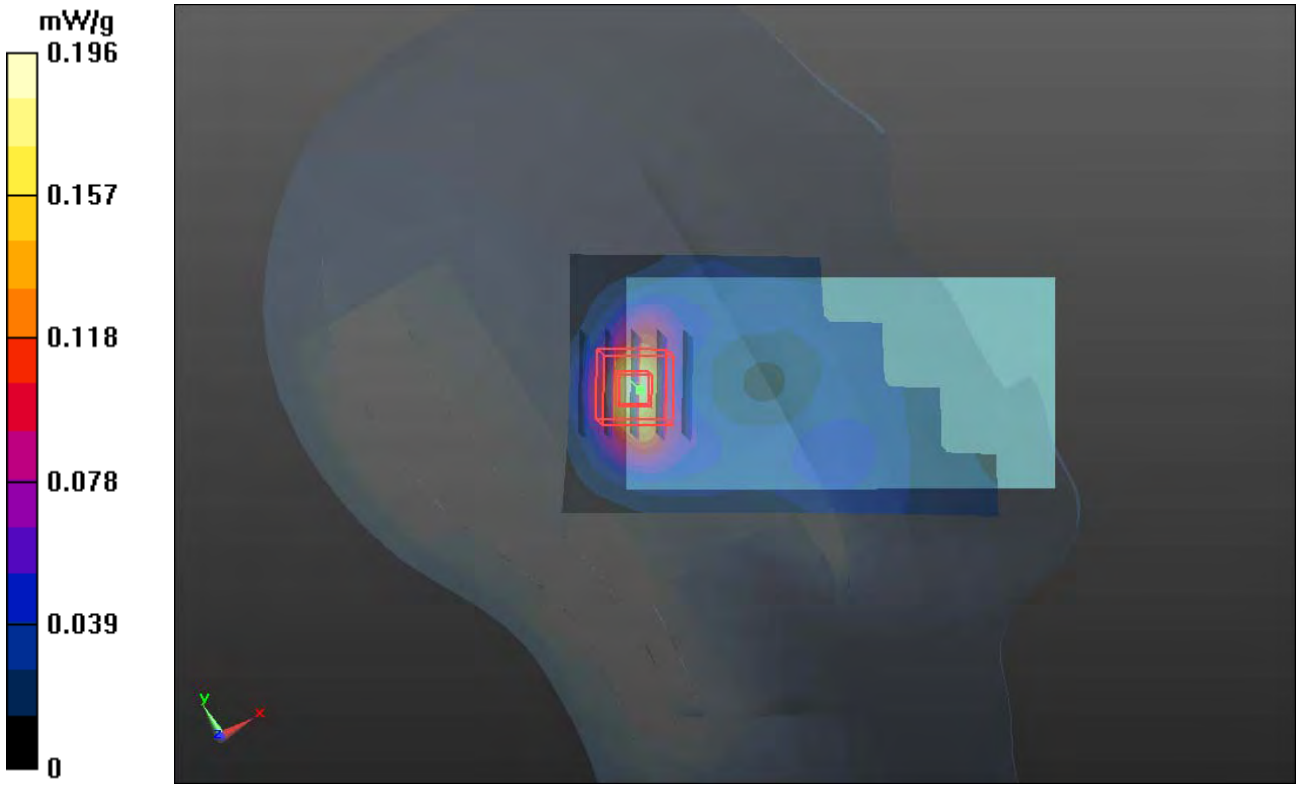
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0212 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.196 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.896 V/m; Power Drift = -0.00089 dB
Peak SAR (extrapolated) = 0.2440
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.188 mW/g



P72 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Sample2

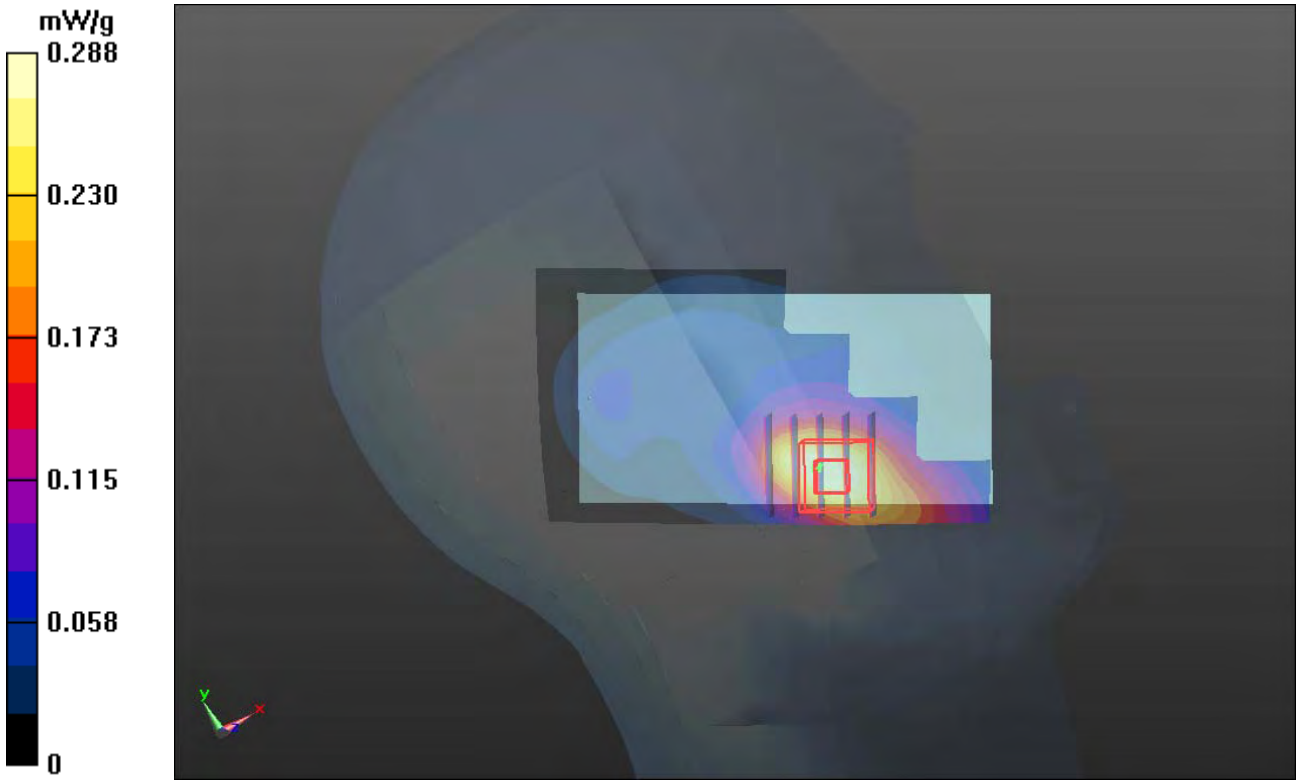
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0212 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.844 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.3730
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.300 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/01/25

P08 GSM850_GPRS10_Front Face_1cm_Ch189_Sample1

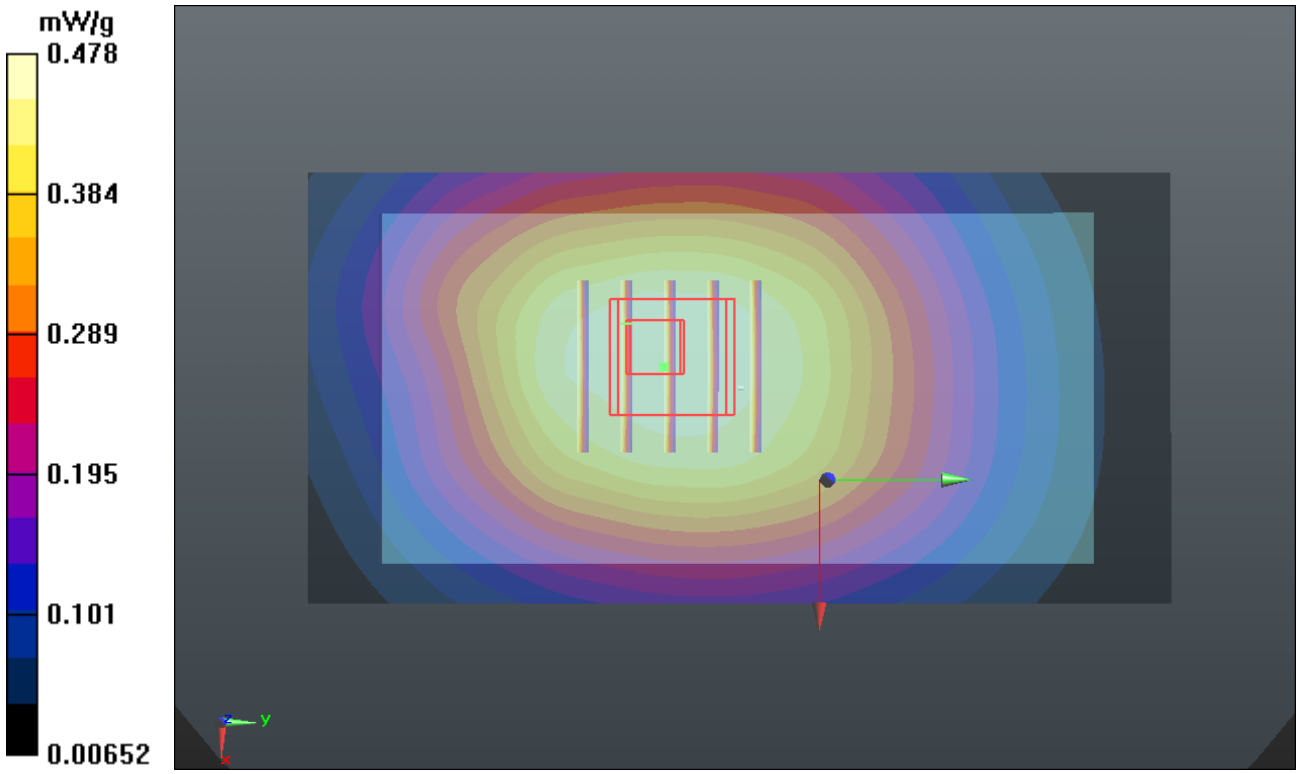
DUT: 120118C07

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 54.968; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.478 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.102 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.6620
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.601 mW/g



P09 GSM850_GPRS10_Rear Face_1cm_Ch189_Sample1

DUT: 120118C07

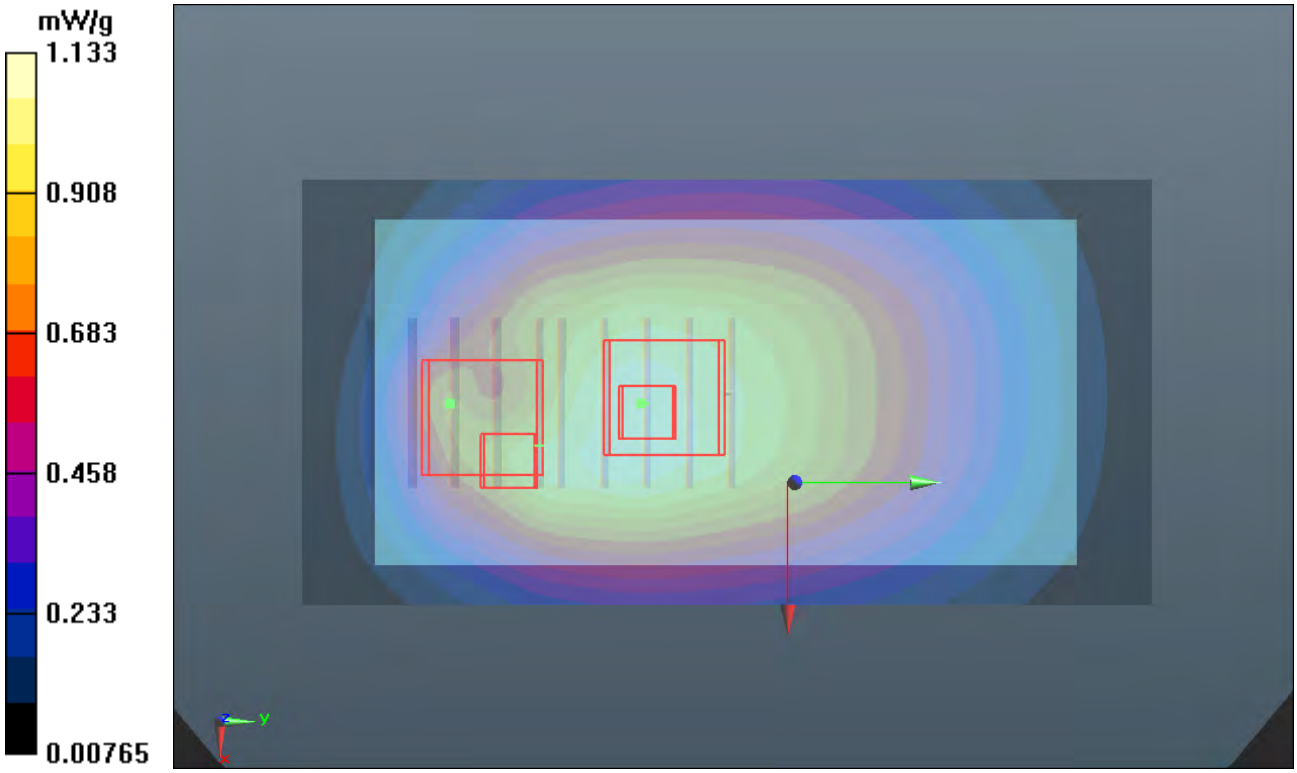
Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 54.968; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.133 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.463 V/m; Power Drift = 0.0059 dB
Peak SAR (extrapolated) = 1.2910
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.729 mW/g
Maximum value of SAR (measured) = 1.126 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.463 V/m; Power Drift = 0.0059 dB
Peak SAR (extrapolated) = 1.0890
SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 0.914 mW/g



P10 GSM850_GPRS10_Left Side_1cm_Ch189_Sample1

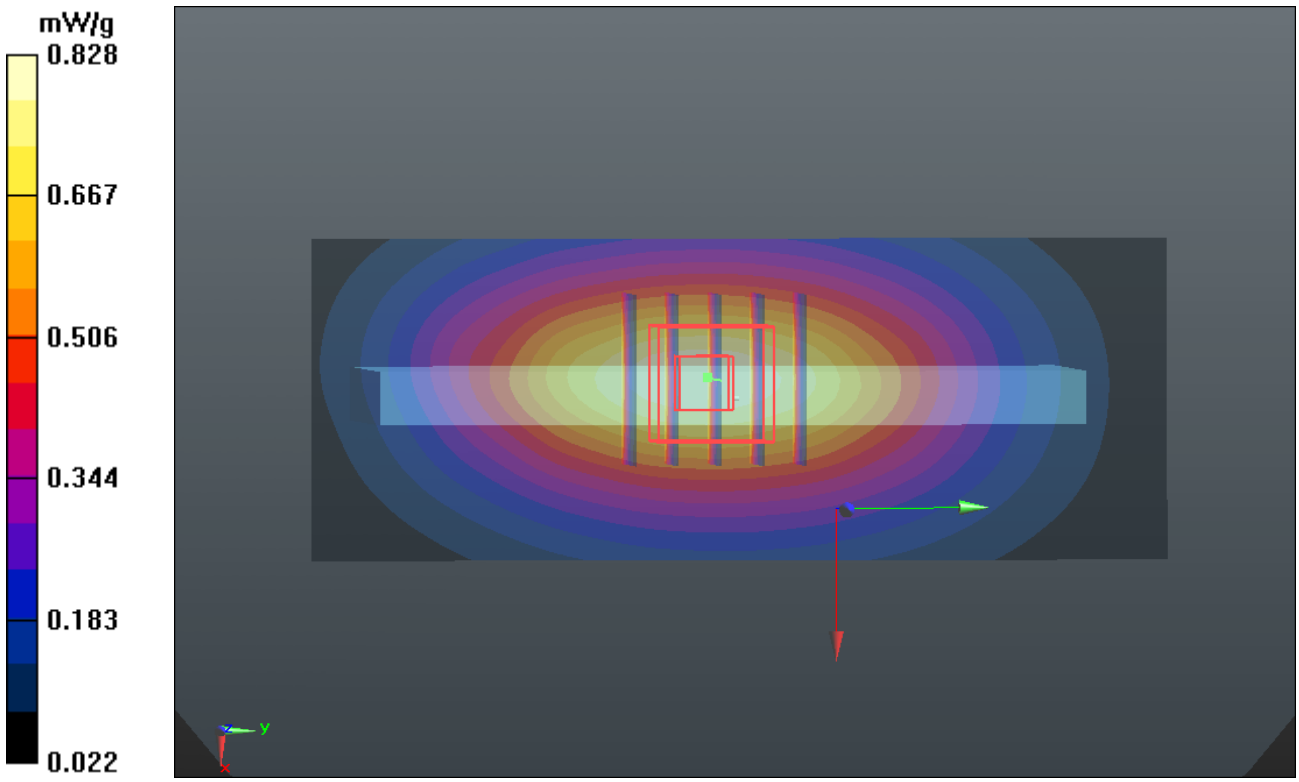
DUT: 120118C07

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 54.968; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.828 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.563 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.9810
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.843 mW/g



P11 GSM850_GPRS10_Right Side_1cm_Ch189_Sample1

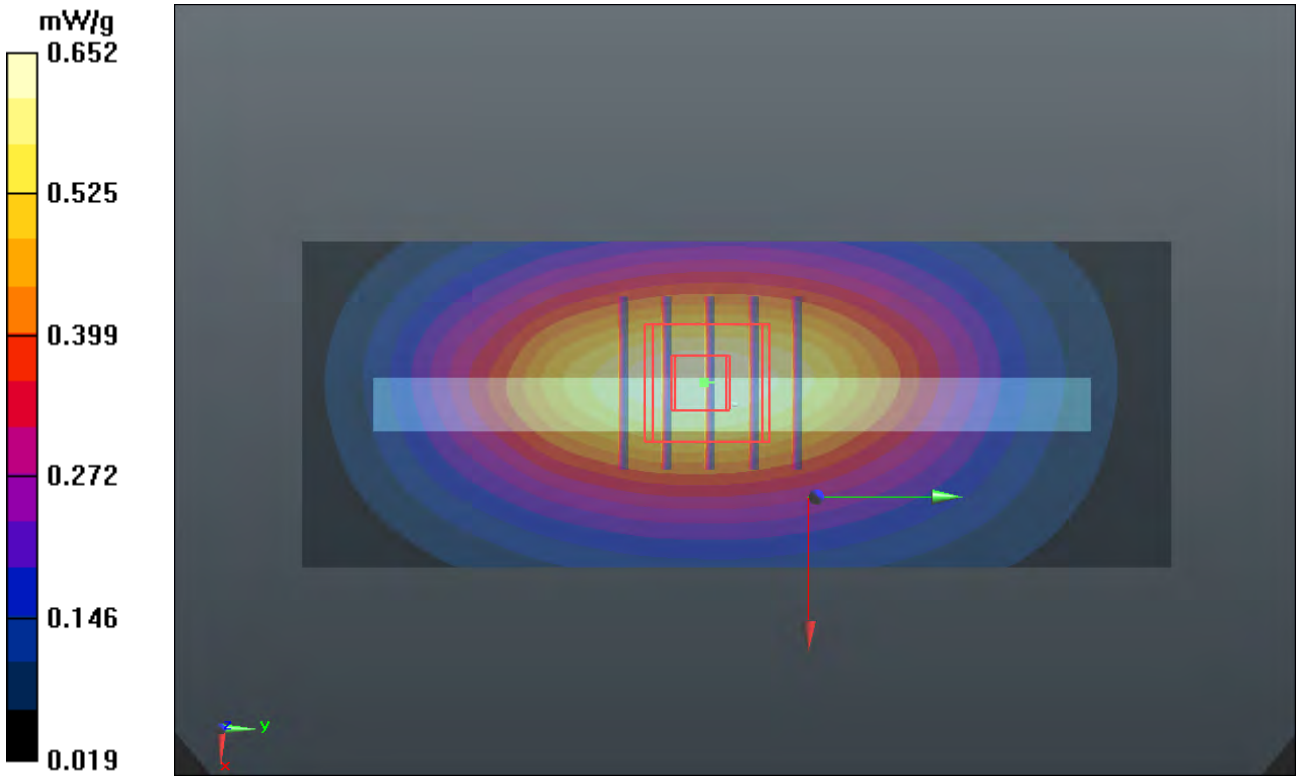
DUT: 120118C07

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 54.968; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.652 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.177 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.7580
SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.656 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/01/25

P13 GSM850_GPRS10_Bottom Side_1cm_Ch189_Sample1

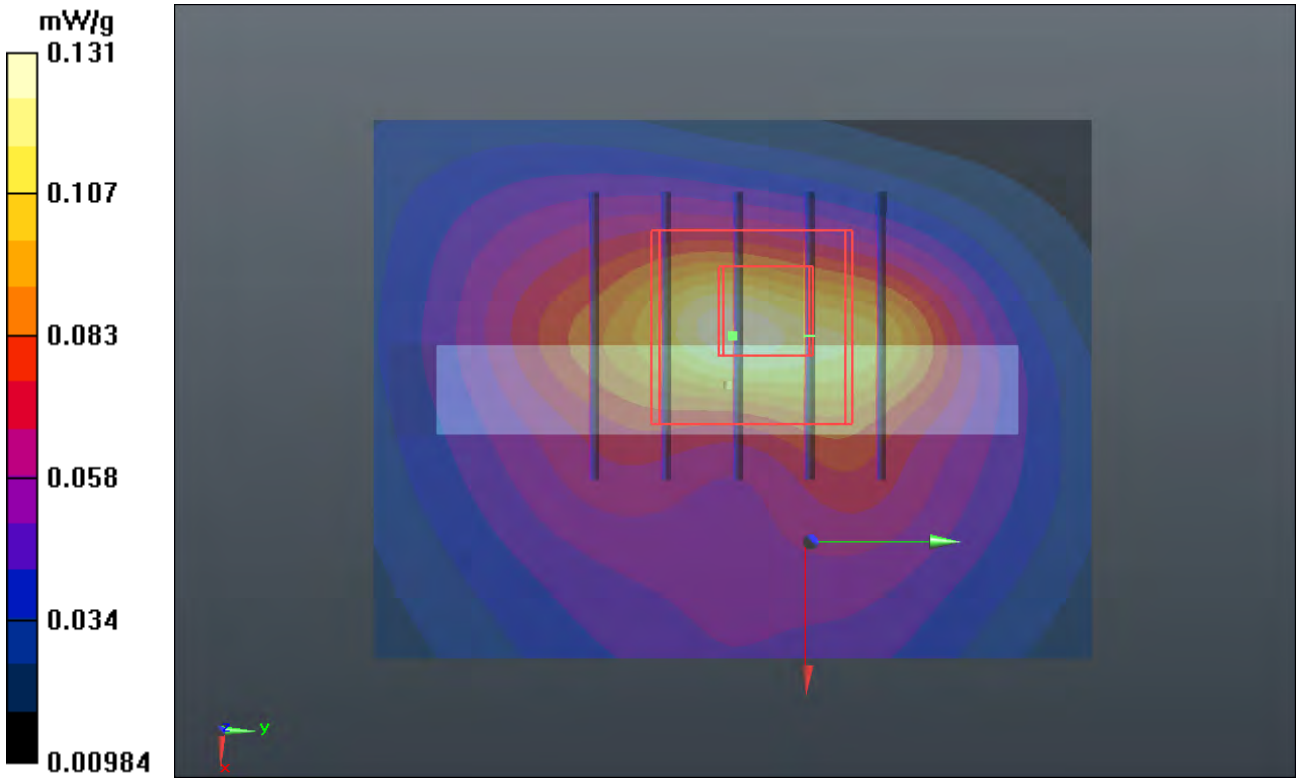
DUT: 120118C07

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used : f = 836.4 MHz; σ = 0.996 mho/m; ε_r = 54.968; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.131 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.325 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.1560
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



P14 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample1

DUT: 120118C07

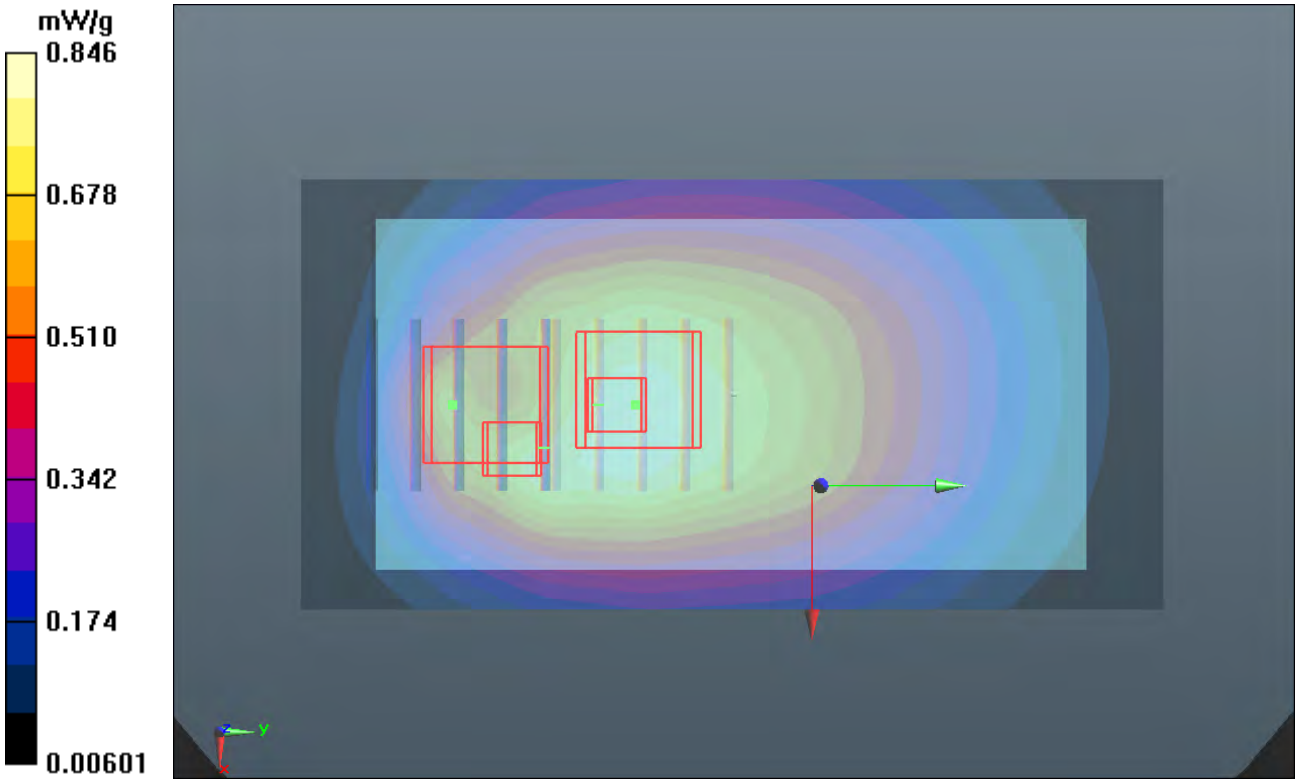
Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used : f = 824.2 MHz; σ = 0.979 mho/m; ε_r = 55.101; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.846 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.916 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.1580
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.656 mW/g
Maximum value of SAR (measured) = 1.025 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.916 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.0860
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 0.924 mW/g



P15 GSM850_GPRS10_Rear Face_1cm_Ch251_Sample1

DUT: 120118C07

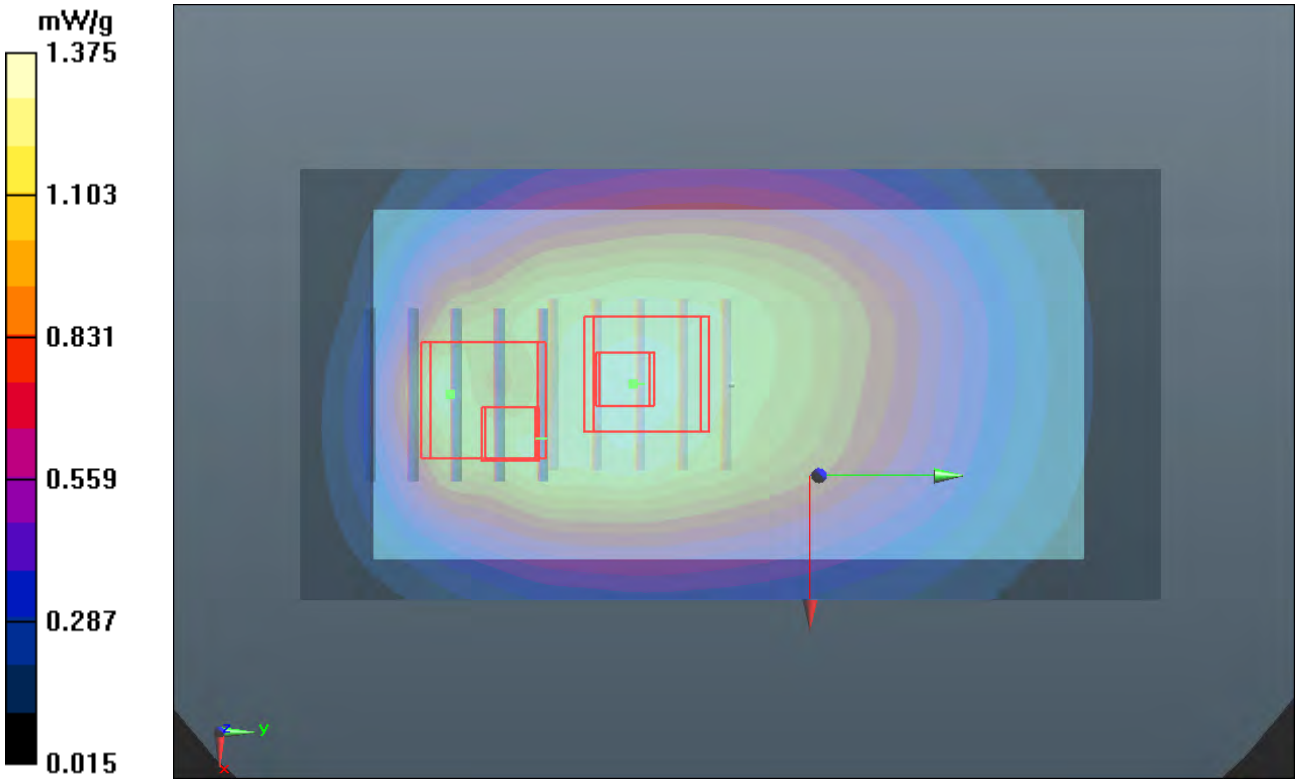
Communication System: GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used: f = 849 MHz; σ = 1.012 mho/m; ε_r = 54.876; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.2 ℃

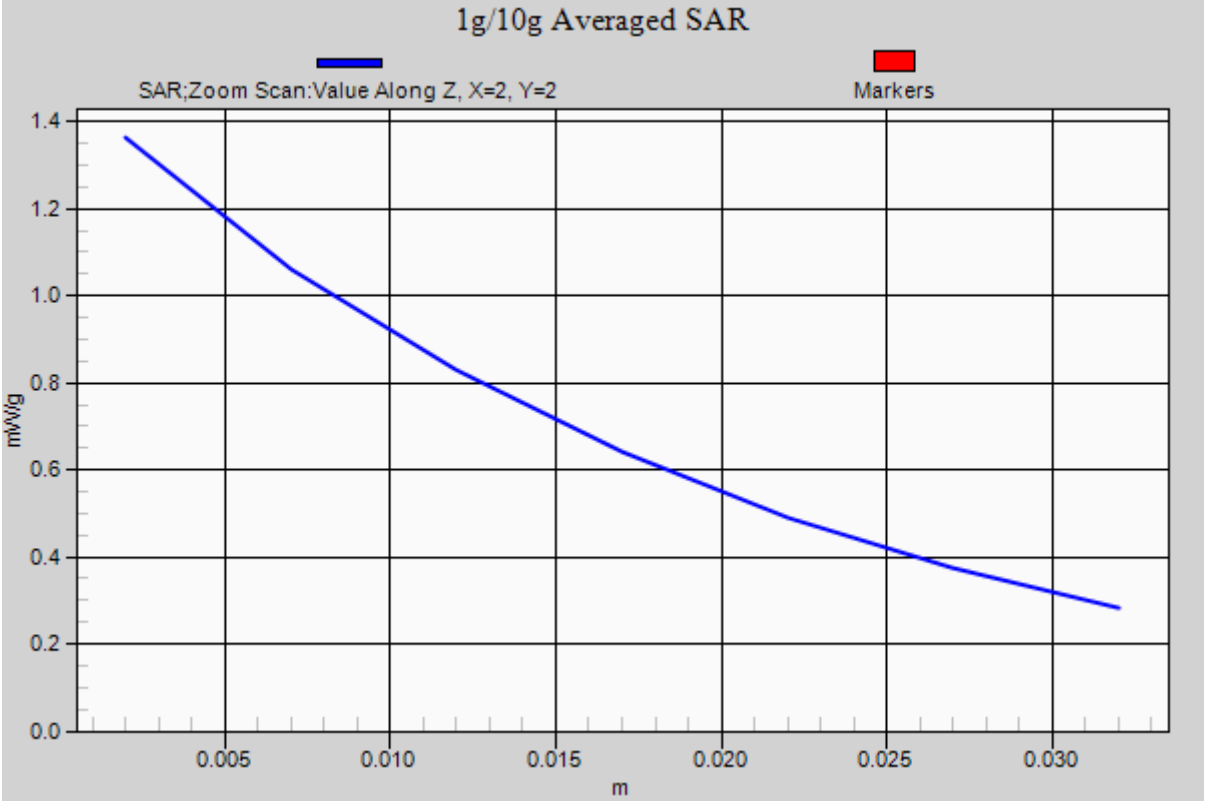
DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.375 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.967 V/m; Power Drift = -0.0034 dB
Peak SAR (extrapolated) = 1.5350
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.889 mW/g
Maximum value of SAR (measured) = 1.363 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.967 V/m; Power Drift = -0.0034 dB
Peak SAR (extrapolated) = 1.4440
SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 1.181 mW/g




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

P16 GSM850_GPRS10_Rear Face_1cm_Ch251_Sample1_Earphone1

DUT: 120118C07

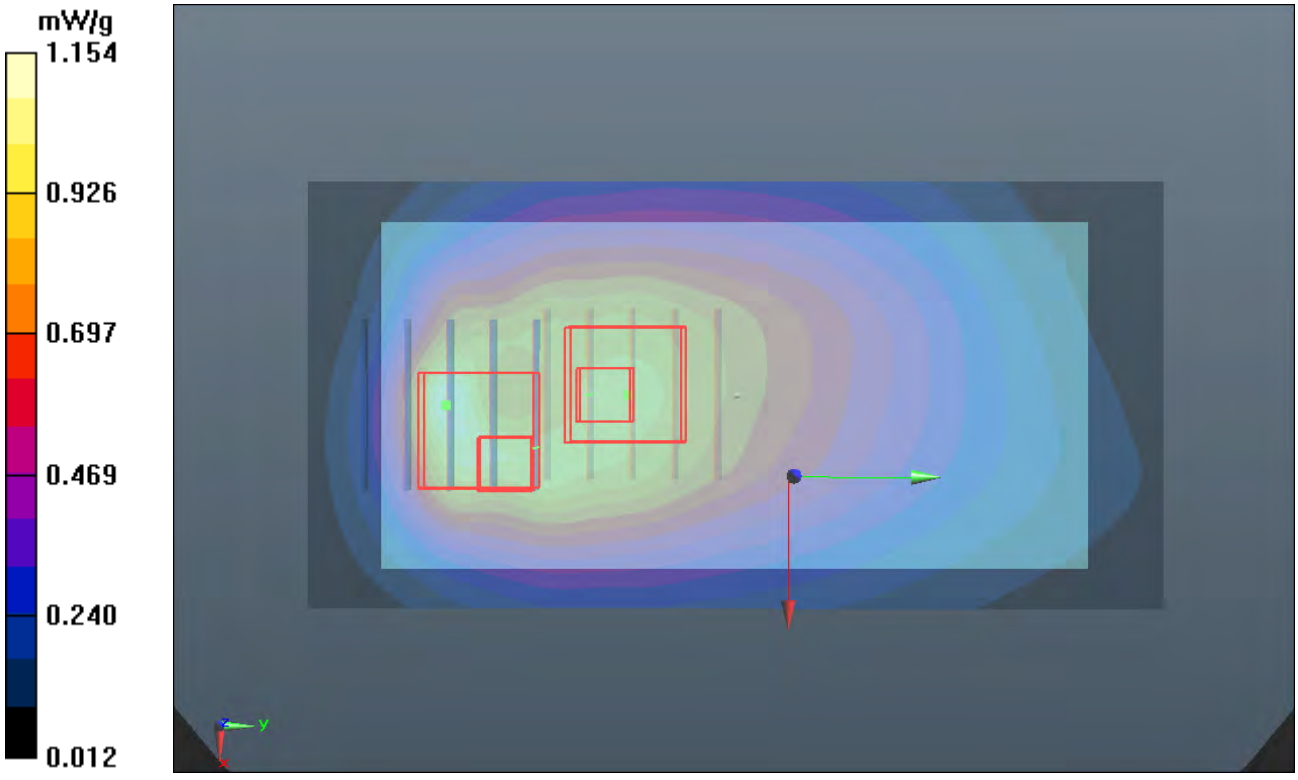
Communication System: GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4.00037
Medium: B835_0125 Medium parameters used: f = 849 MHz; σ = 1.012 mho/m; ε_r = 54.876; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.154 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.782 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.1830
SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.623 mW/g
Maximum value of SAR (measured) = 1.027 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.782 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.1370
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.922 mW/g



P108 GSM850_GPRS10_Rear Face_1cm_Ch189_Sample1_Earphone1

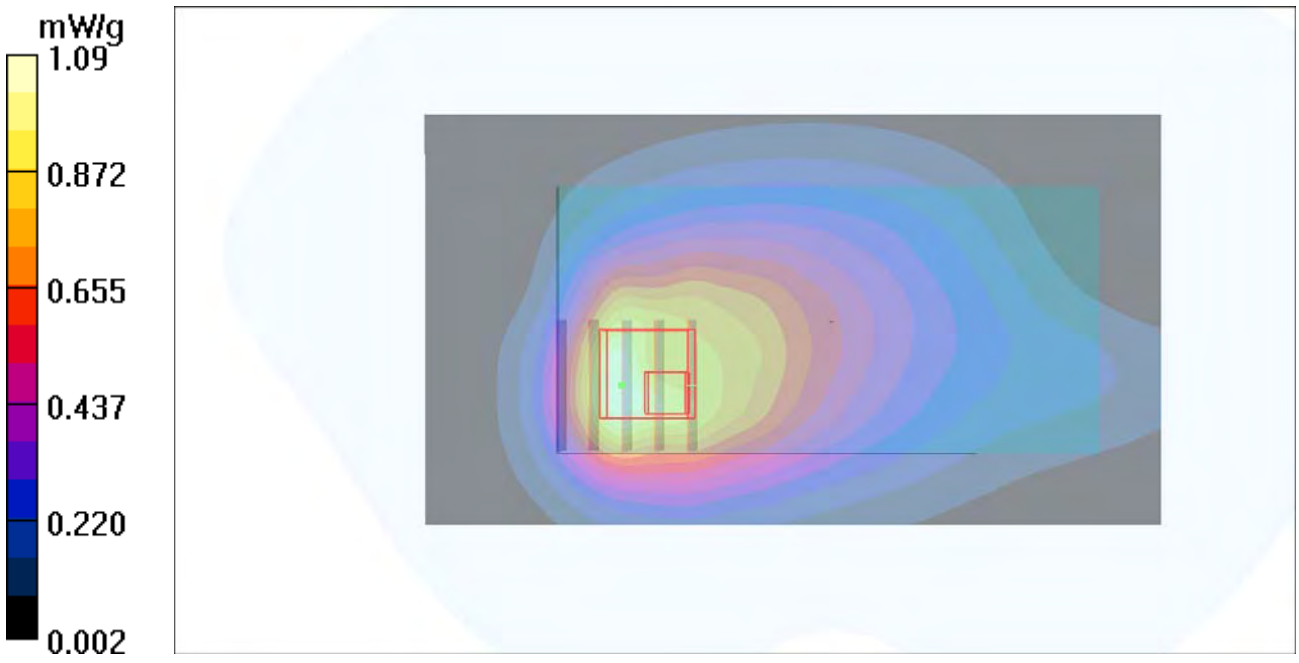
DUT: 120118C07

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0214 Medium parameters used : f = 836.4 MHz; σ = 1 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); 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

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.975 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.841 mW/g



P109 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample1_Earphone1

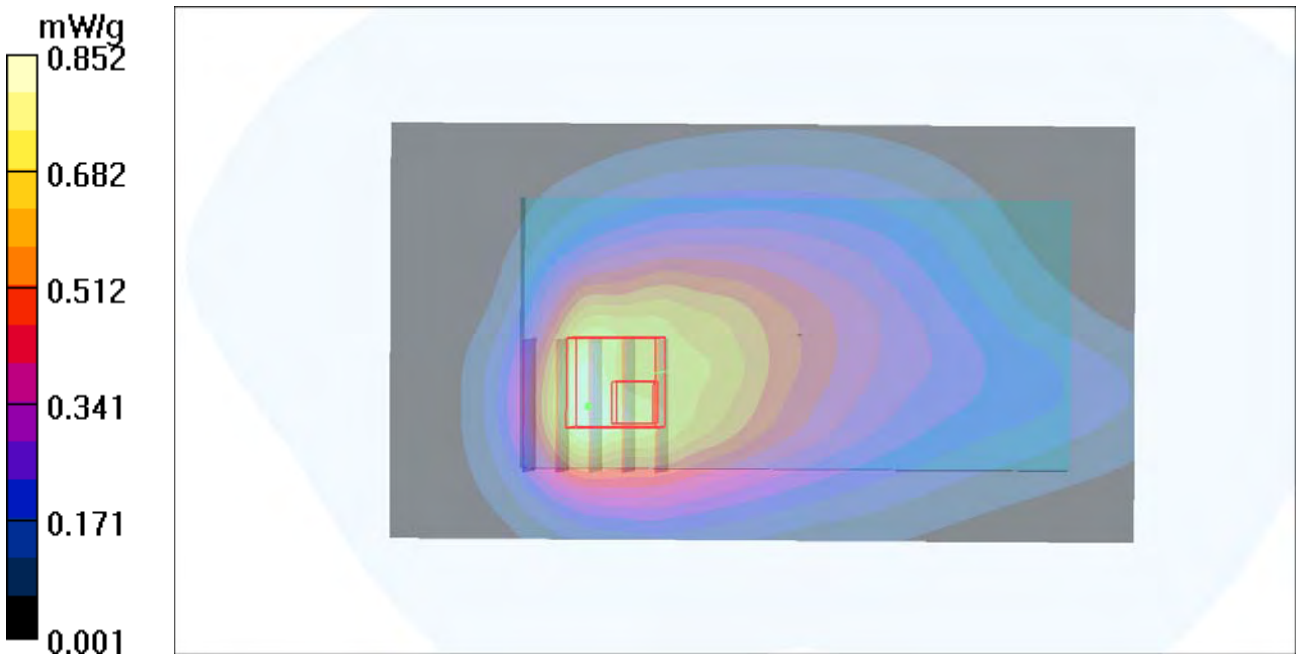
DUT: 120118C07

Communication System: GSM850 GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: B835_0214 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); 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

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.852 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.678 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/12

P17 GSM850_GPRS10_Rear Face_1cm_Ch251_Sample2

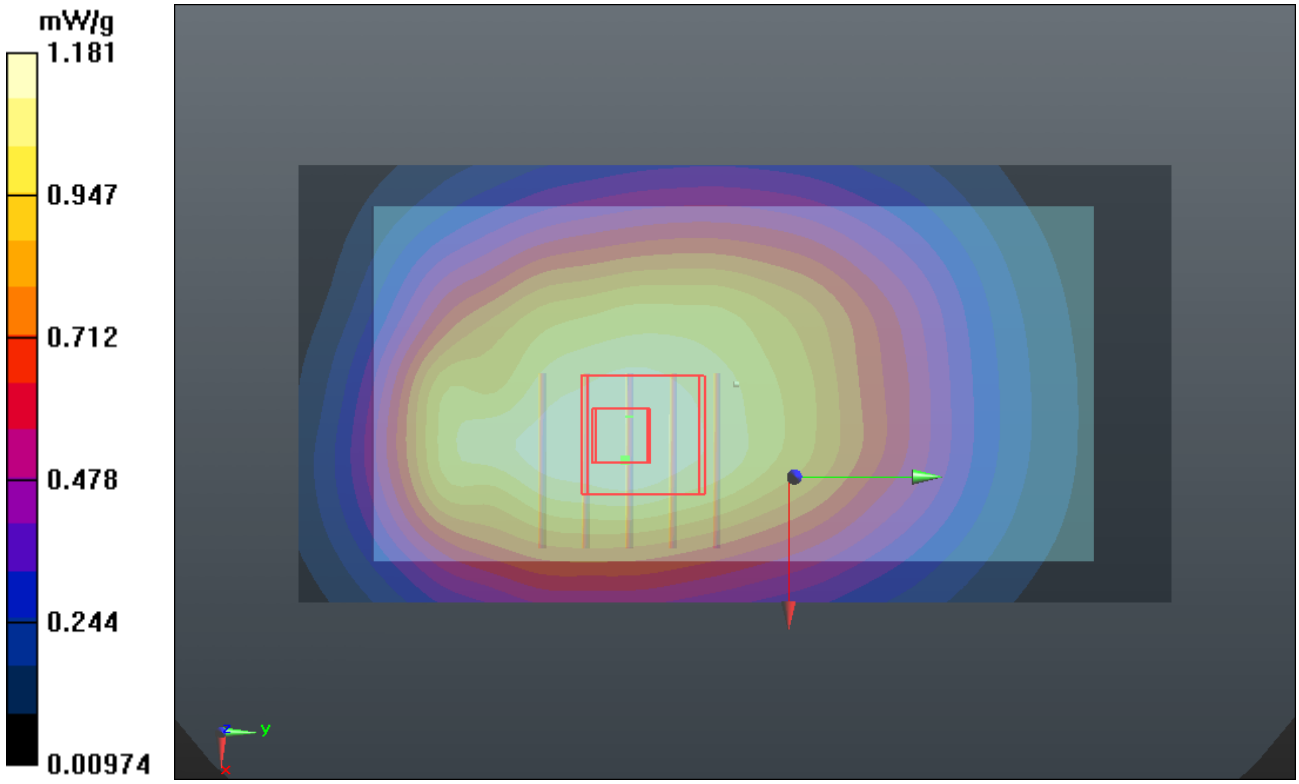
DUT: 120118C07

Communication System: GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4.00037
Medium: B835_0212 Medium parameters used: f = 849 MHz; σ = 1.015 mho/m; ε_r = 55.238; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.181 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.910 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.2640
SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.735 mW/g
Maximum value of SAR (measured) = 1.144 mW/g



P110 GSM850_GPRS10_Rear Face_1cm_Ch189_Sample2

DUT: 120118C07

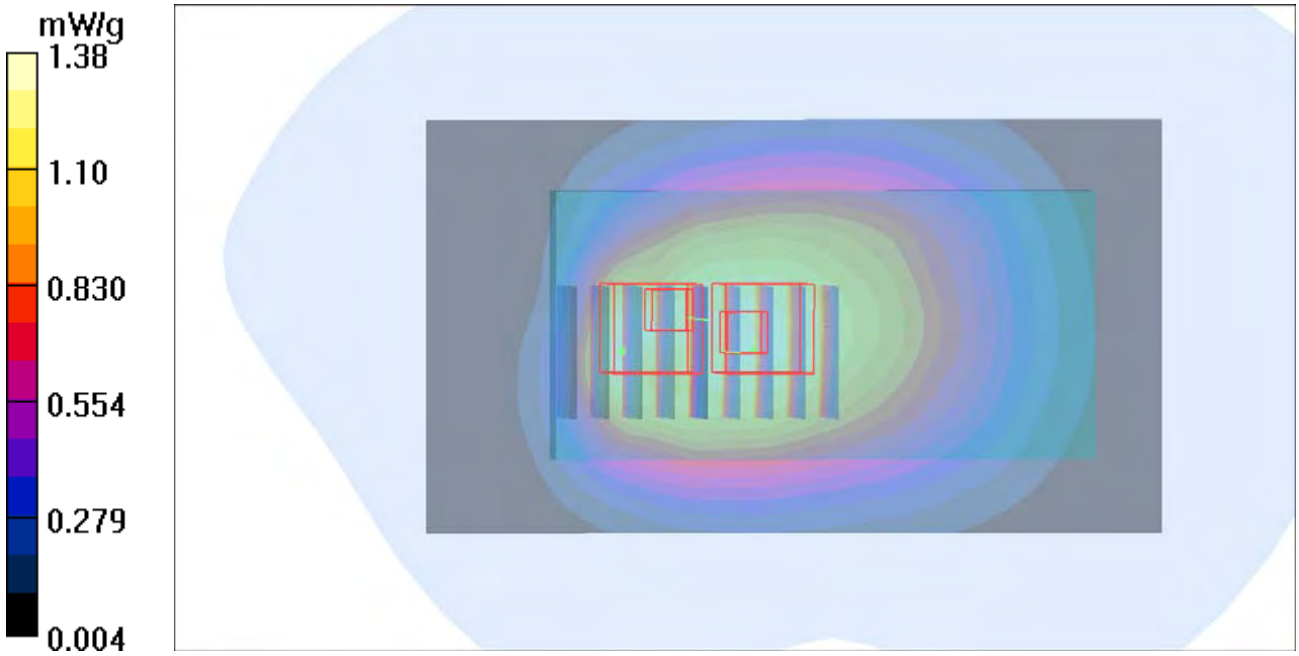
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0214 Medium parameters used : f = 836.4 MHz; σ = 1 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); 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

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.4 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.837 mW/g
Maximum value of SAR (measured) = 1.26 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.4 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.574 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



P111 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample2

DUT: 120118C07

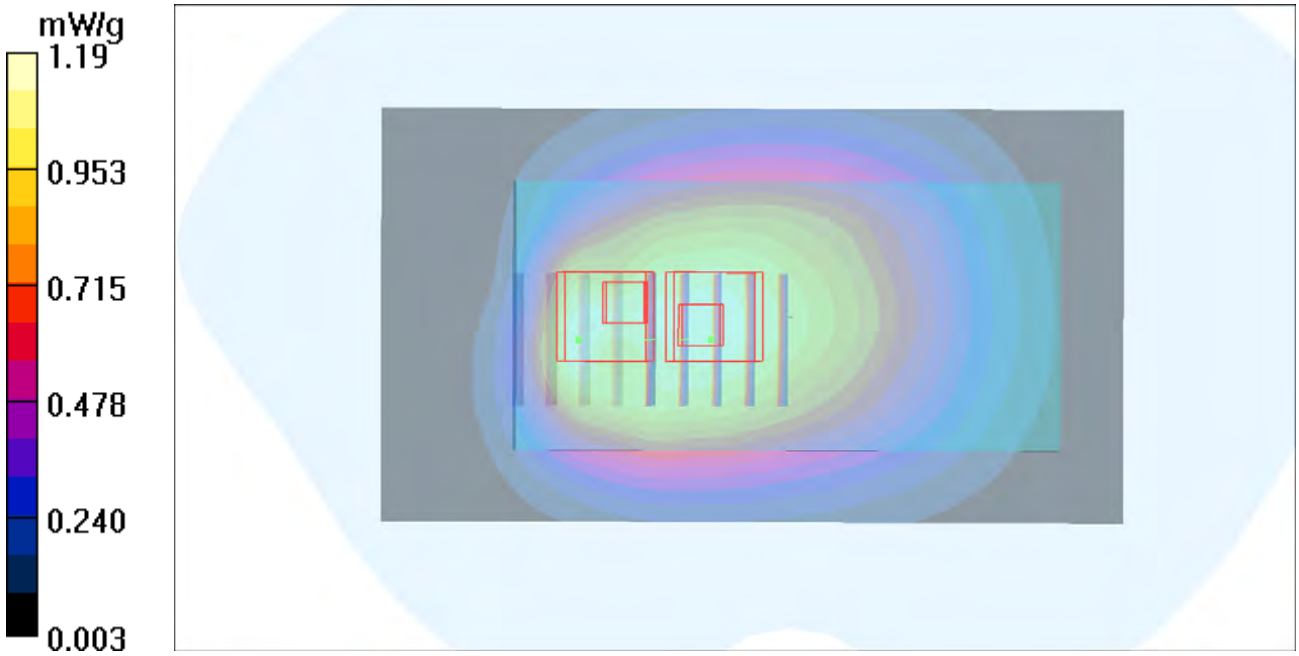
Communication System: GSM850 GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: B835_0214 Medium parameters used : f = 824.2 MHz; σ = 0.983 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); 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

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.747 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.517 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



P85 GSM850_GPRS10_Rear Face_1cm_Ch251_Sample1_Earphone2

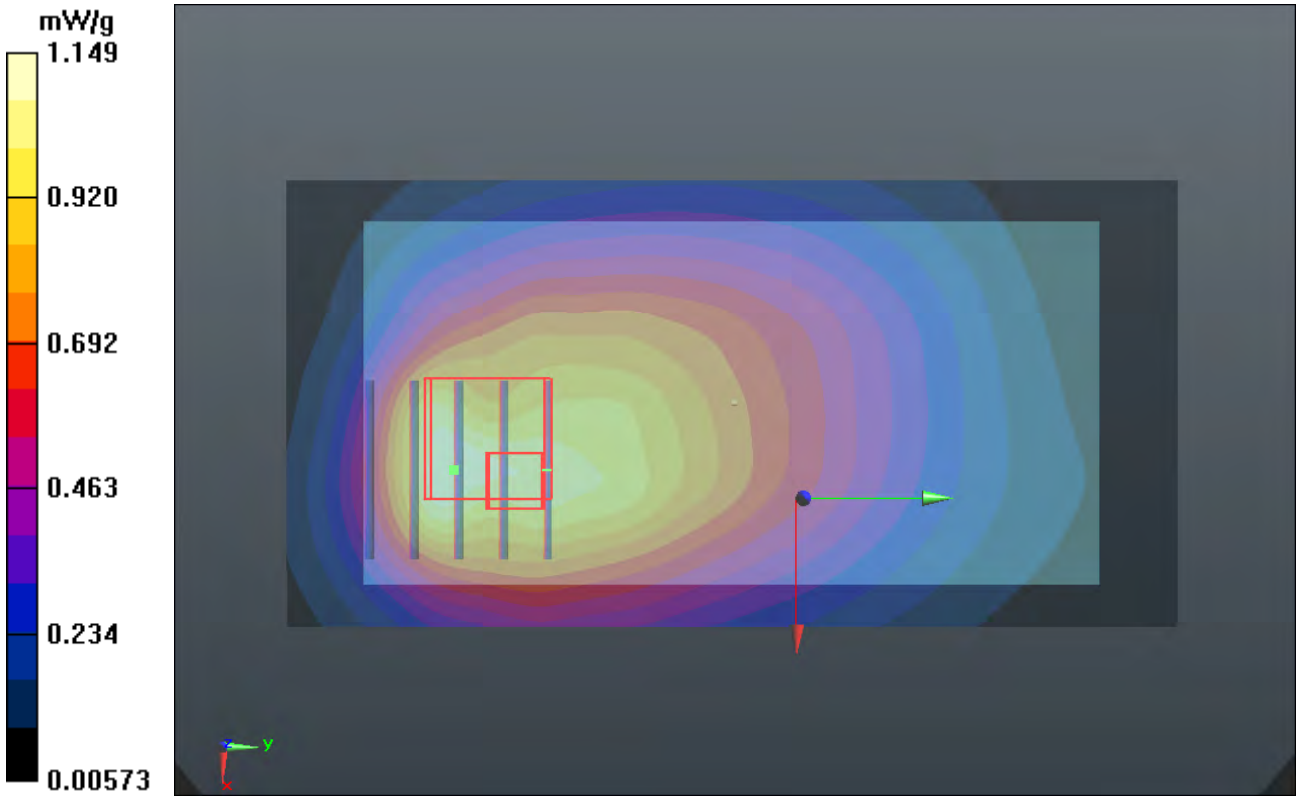
DUT: 120118C07

Communication System: GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4.00037
Medium: B835_0212 Medium parameters used: f = 849 MHz; σ = 1.015 mho/m; ε_r = 55.238; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.149 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.483 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.1820
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.500 mW/g
Maximum value of SAR (measured) = 1.014 mW/g



P25 GSM1900_Front Face_1cm_Ch810_Sample1

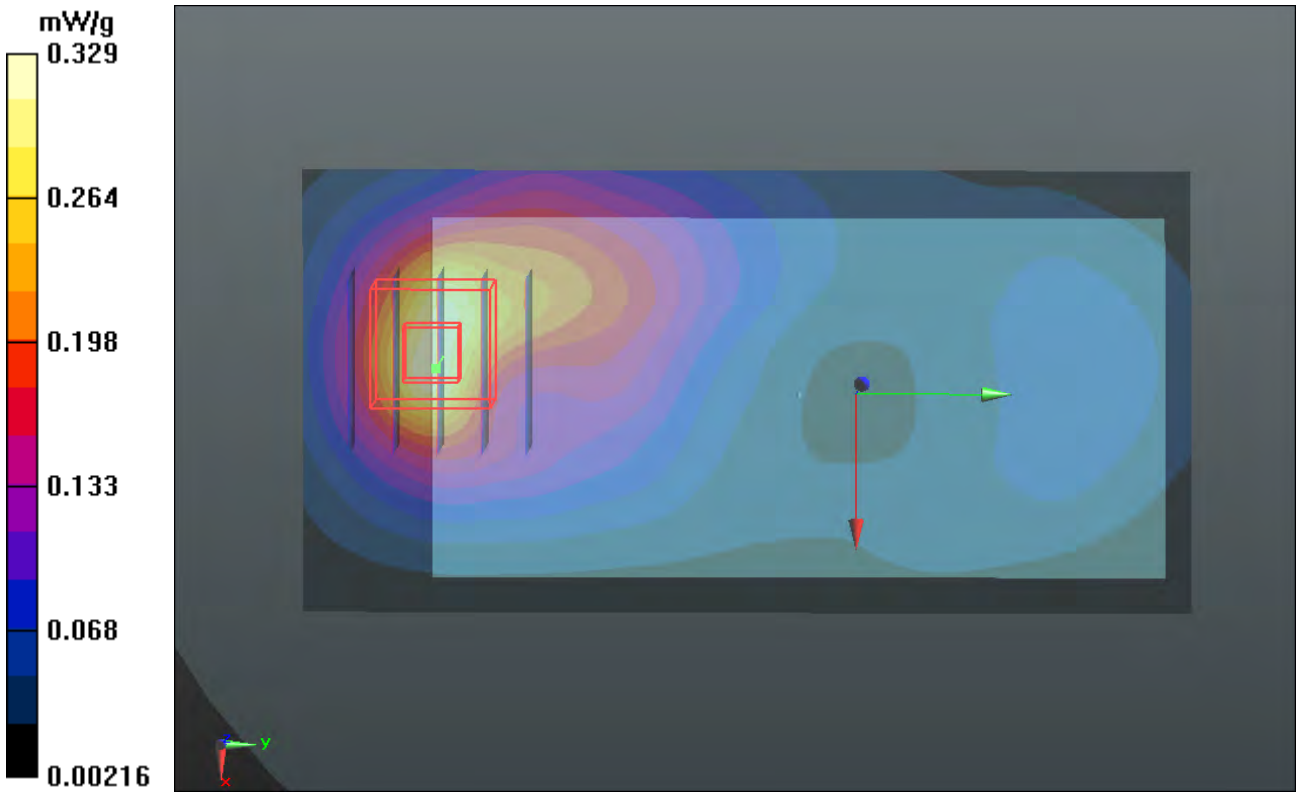
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.329 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.989 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.4090
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.336 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P26 GSM1900_Rear Face_1cm_Ch810_Sample1

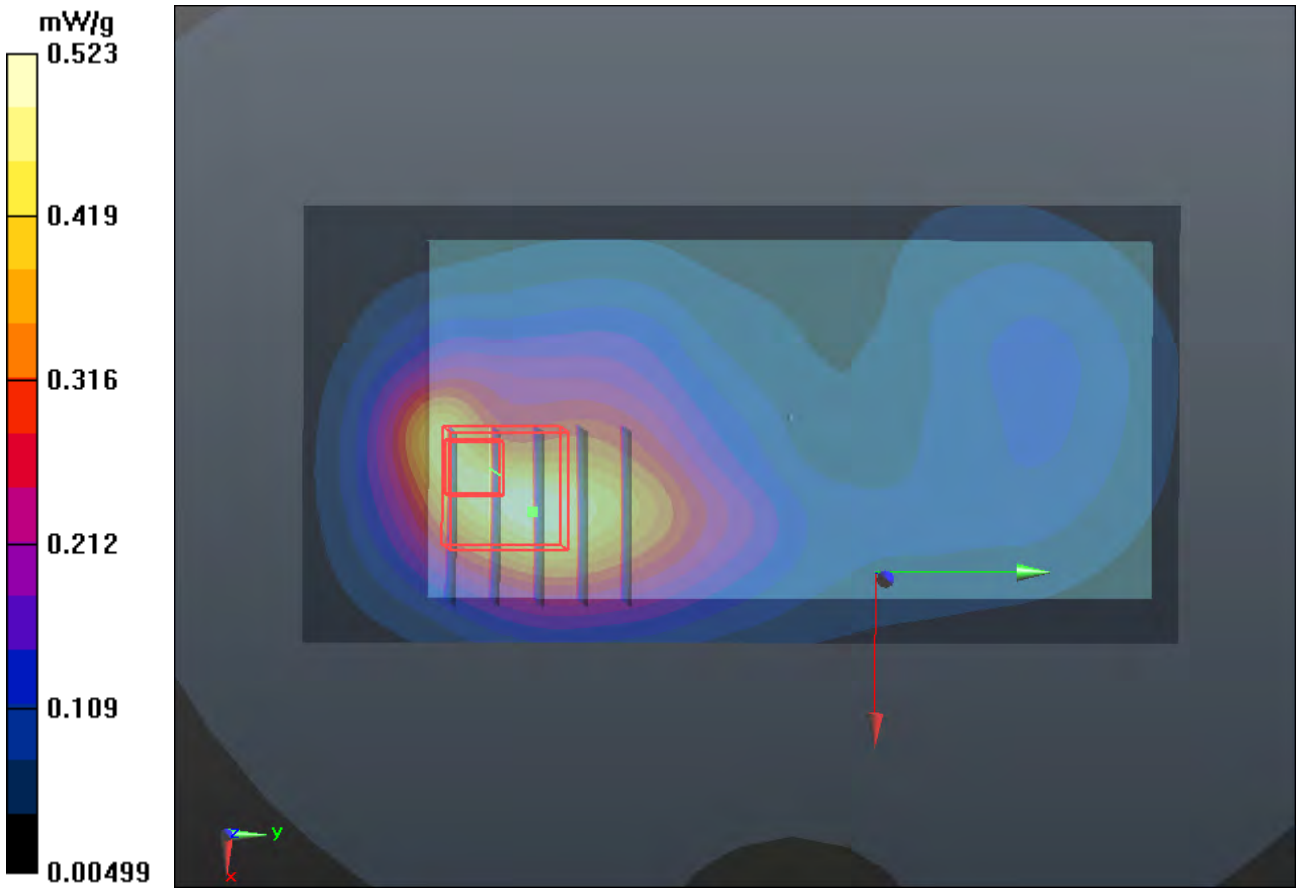
DUT: 120118C07

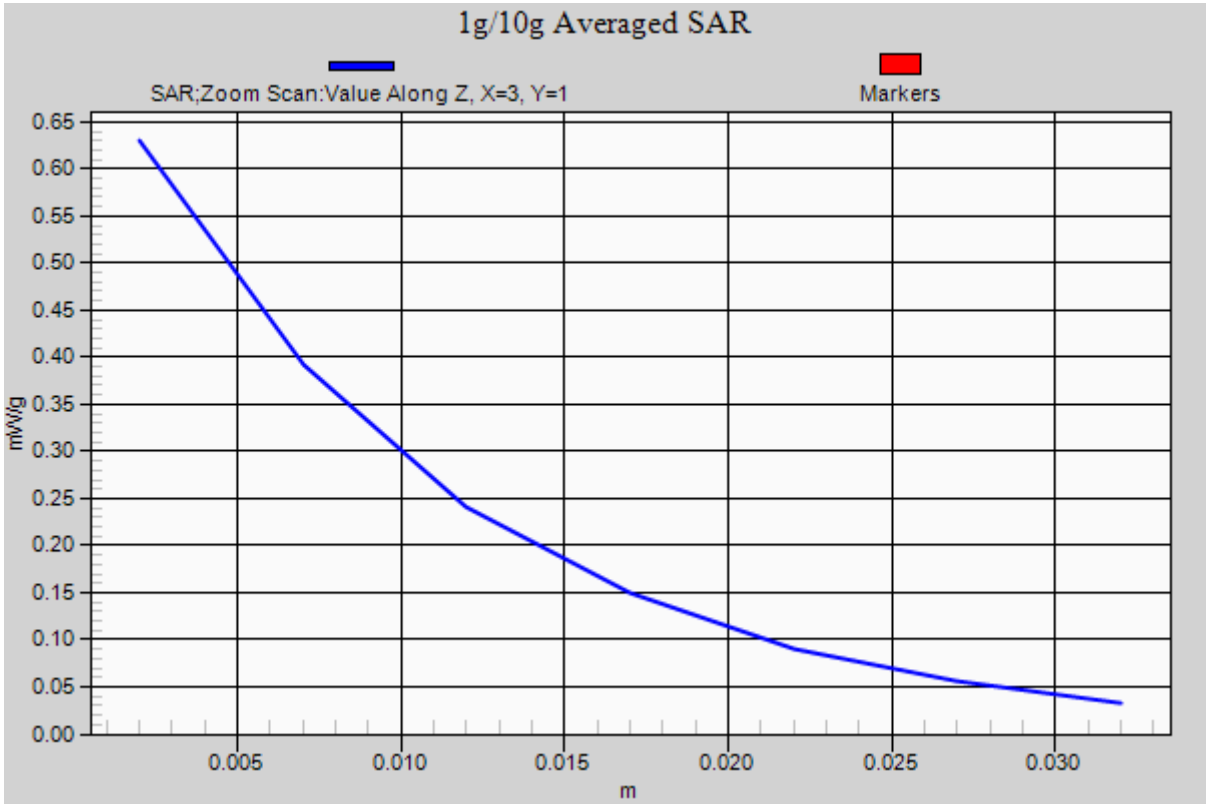
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.523 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.508 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.8270
SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.630 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=1
Markers
mW/g
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P31 GSM1900_Left Side_1cm_Ch810_Sample1

DUT: 120118C07

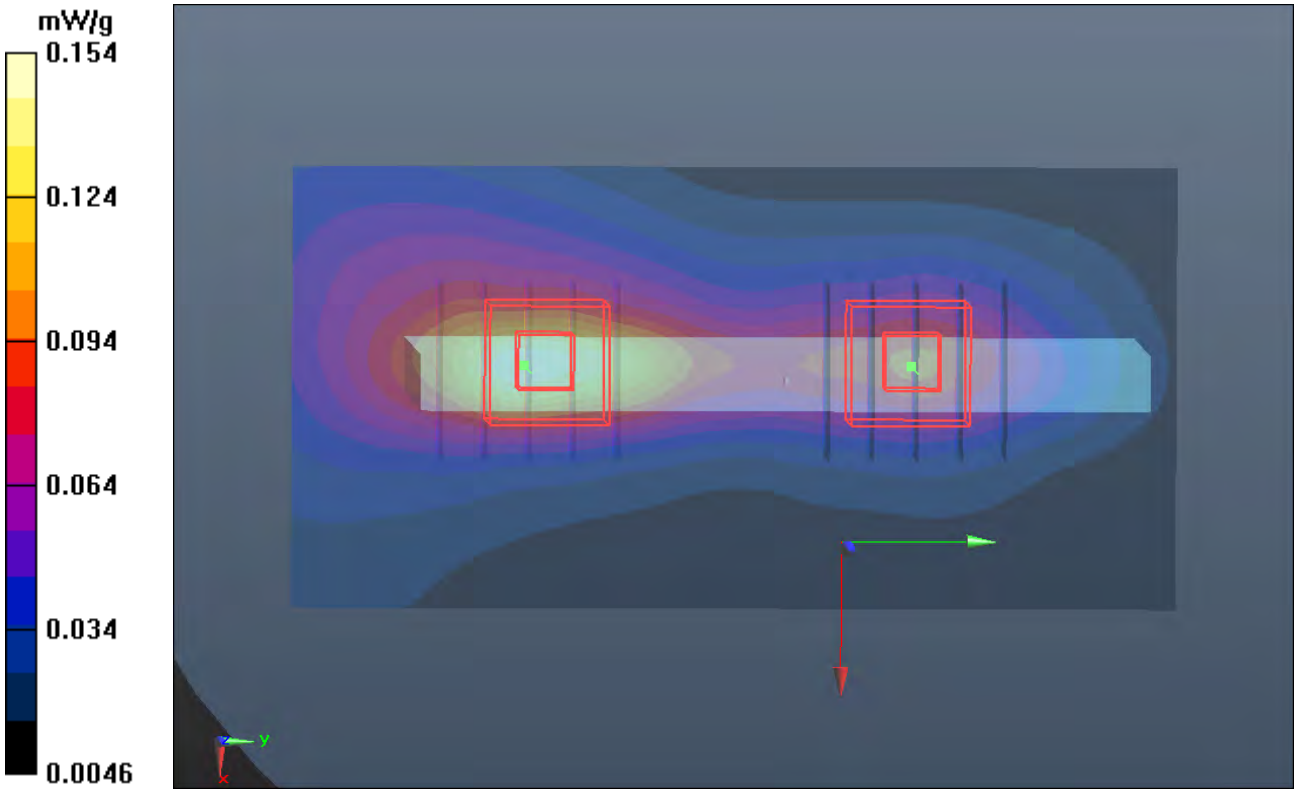
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.011 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.1980
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.160 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.011 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.1180
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.097 mW/g



P32 GSM1900_Right Side_1cm_Ch810_Sample1

DUT: 120118C07

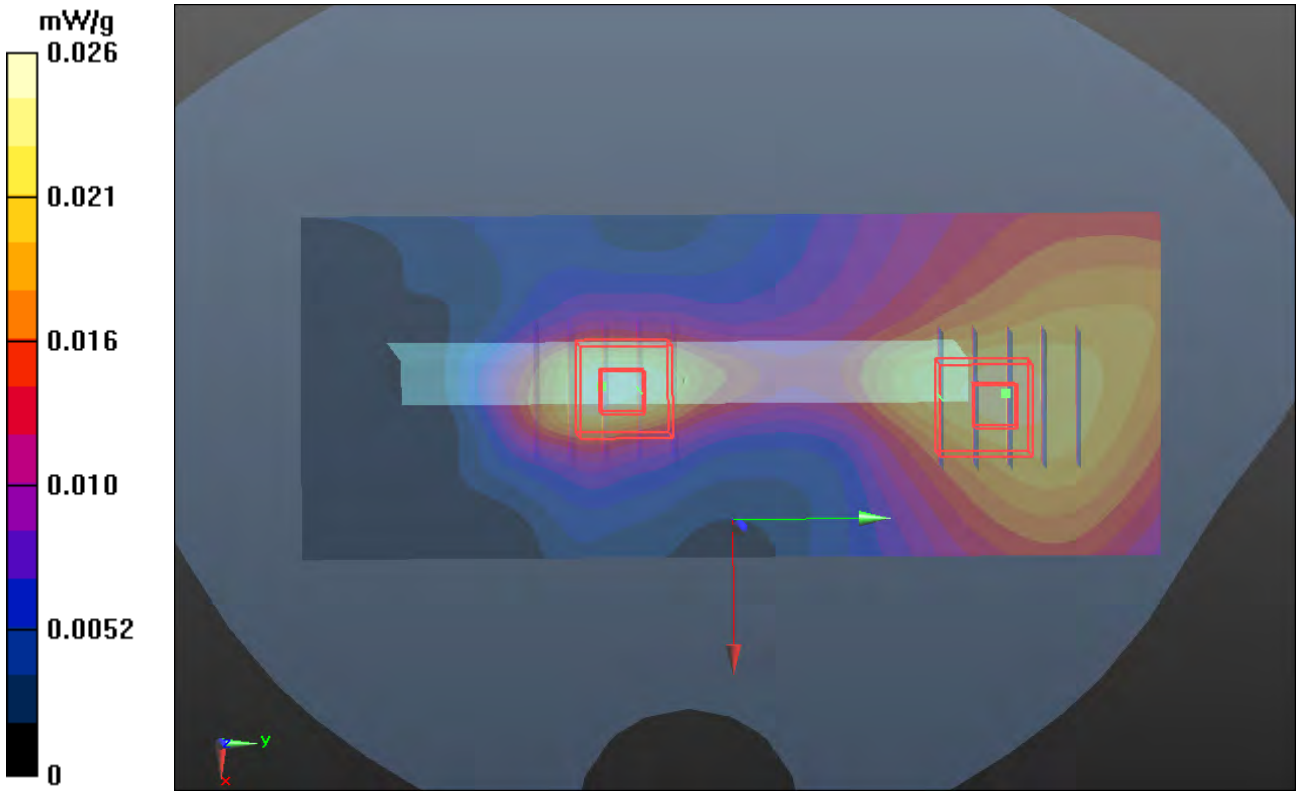
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.026 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.750 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0310
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.025 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.750 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0310
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.012 mW/g



P34 GSM1900_Bottom Side_1cm_Ch810_Sample1

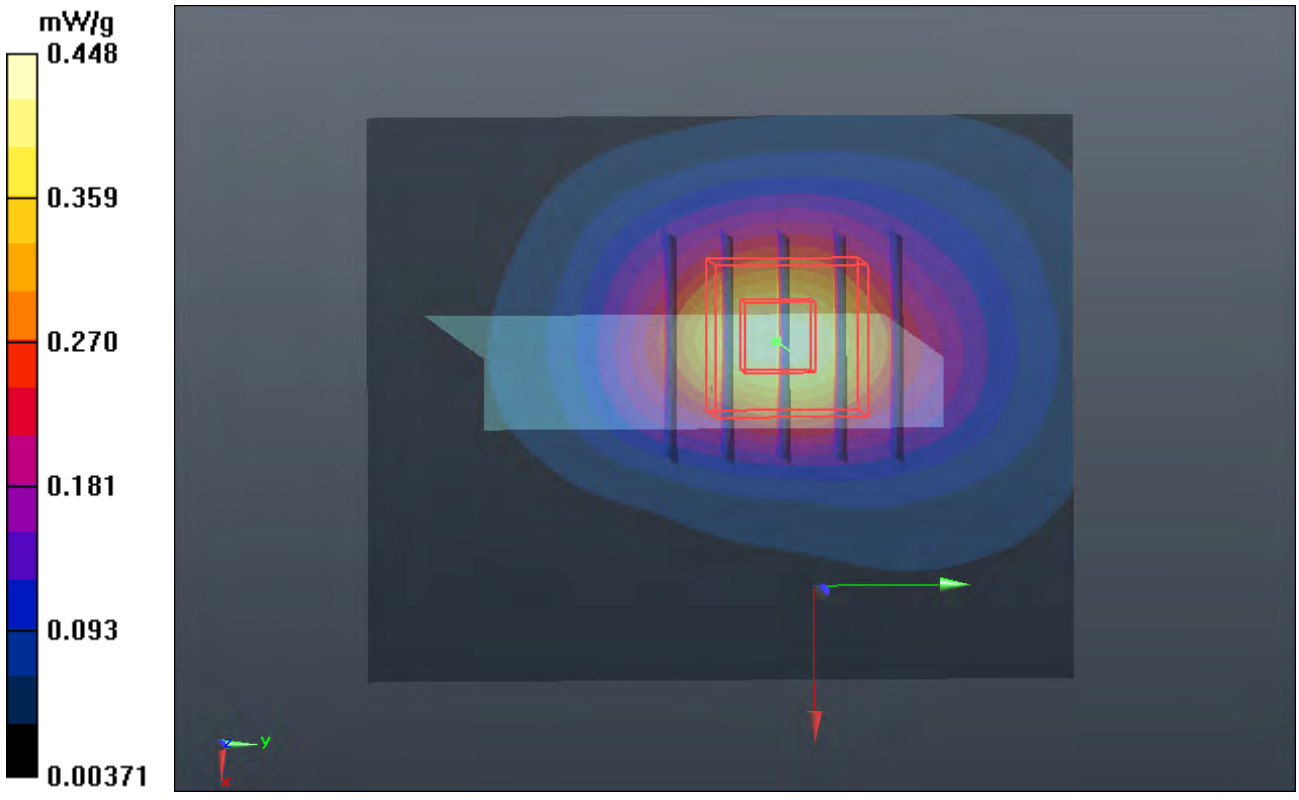
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.448 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.568 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.6800
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 0.553 mW/g



P37 GSM1900_Rear Face_1cm_Ch810_Sample1_Earphone1

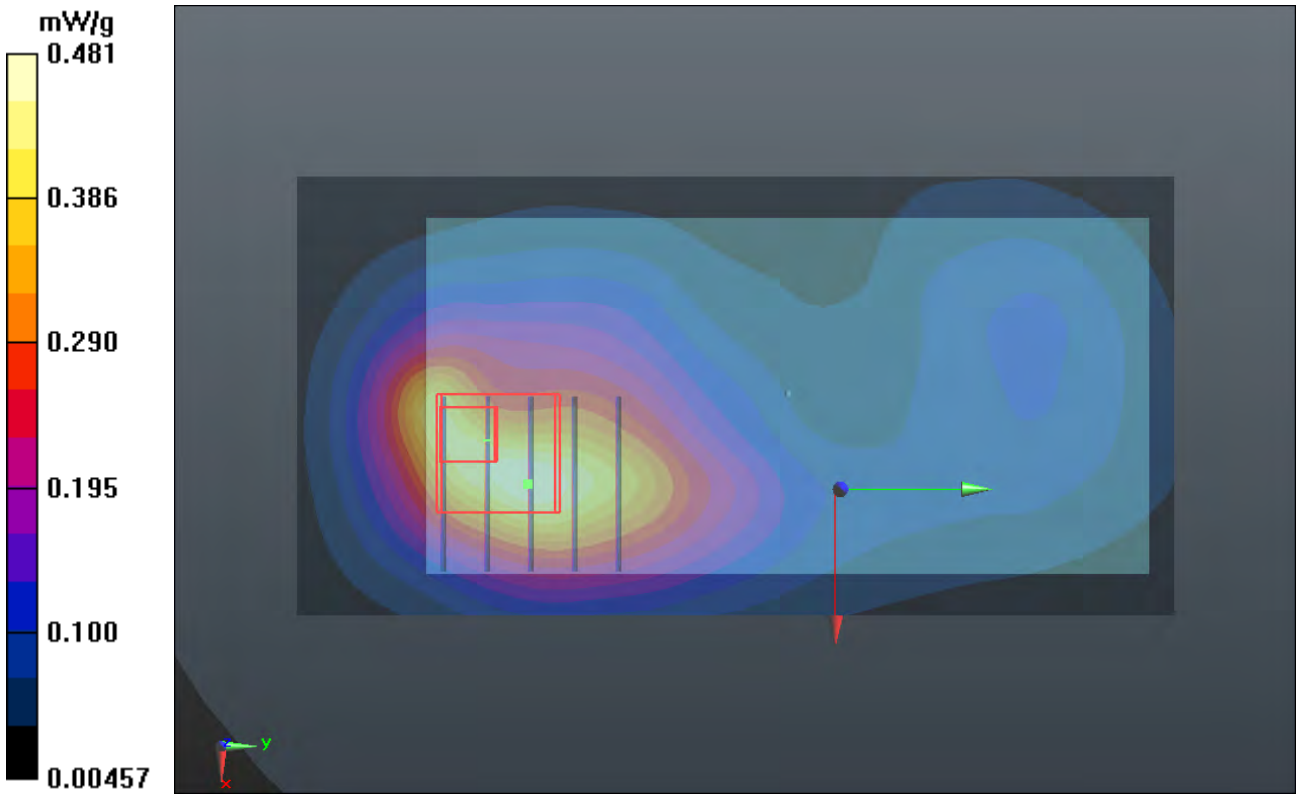
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.481 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.583 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.7590
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.577 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P38 GSM1900_Rear Face_1cm_Ch810_Sample2

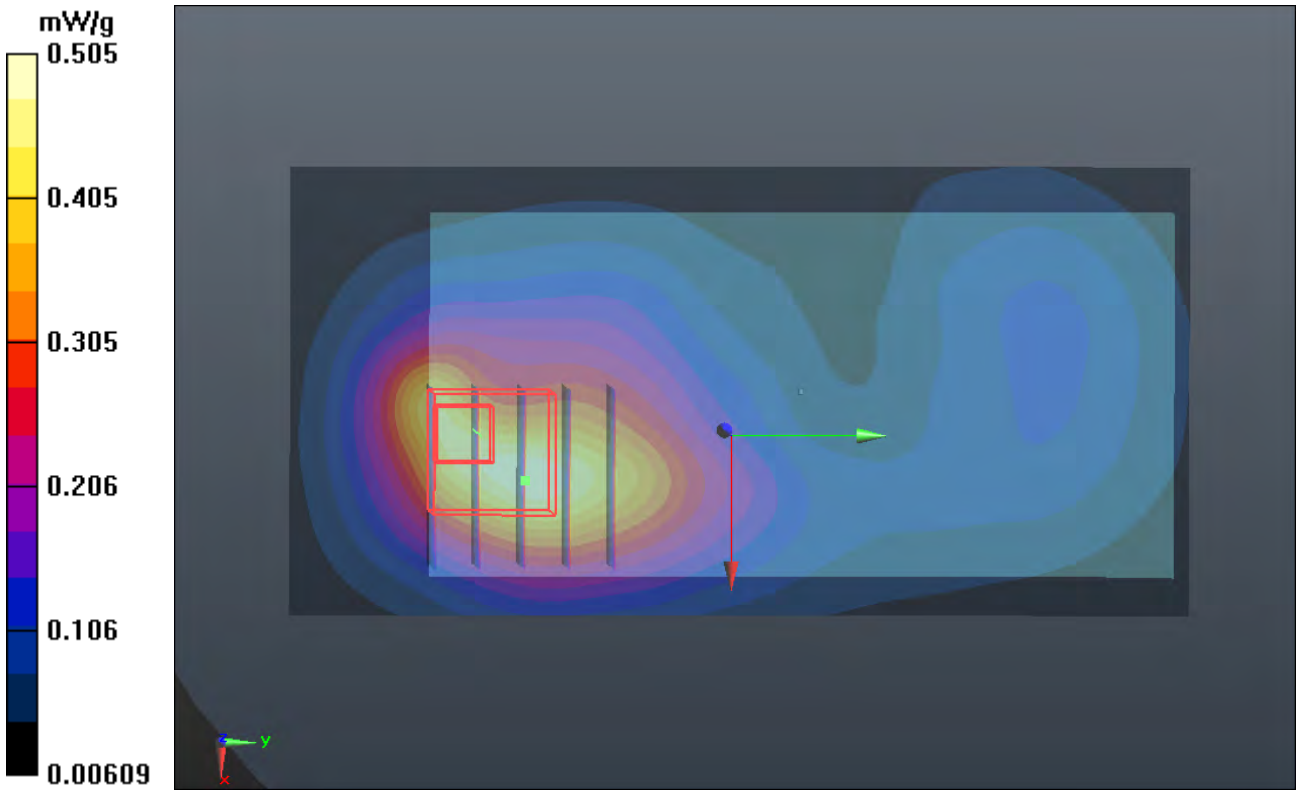
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1910 MHz; σ = 1.556 mho/m; ε_r = 52.848; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.505 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.405 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.7780
SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.595 mW/g



P86 GSM1900_Rear Face_1cm_Ch810_Sample1_Earphone2

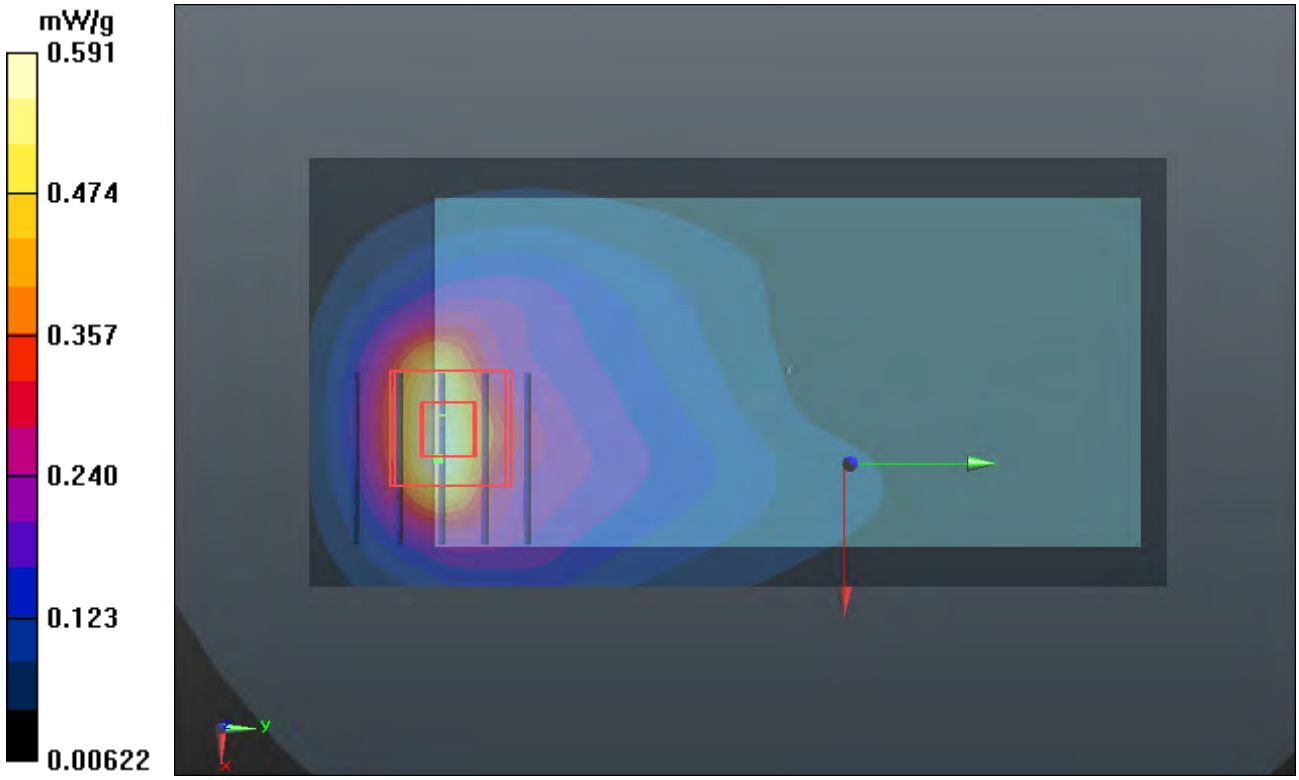
DUT: 120118C07

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:1
Medium: B1900_0211 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：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.591 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.304 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.7280
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.574 mW/g



P45 WCDMA V_RMC12.2K_Front Face_1cm_Ch4132_Sample1

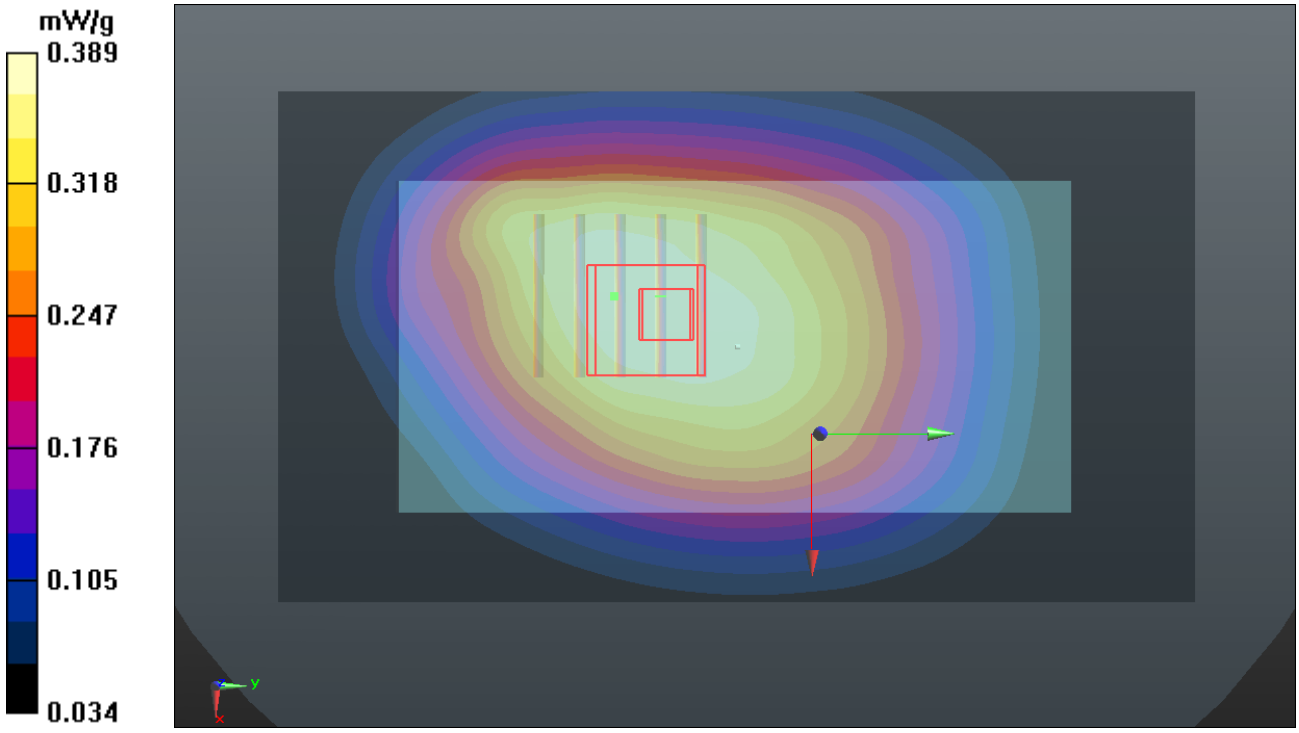
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0125 Medium parameters used : f = 826.4 MHz; σ = 0.982 mho/m; ε_r = 55.072; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.391 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.819 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.4280
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.389 mW/g



P46 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Sample1

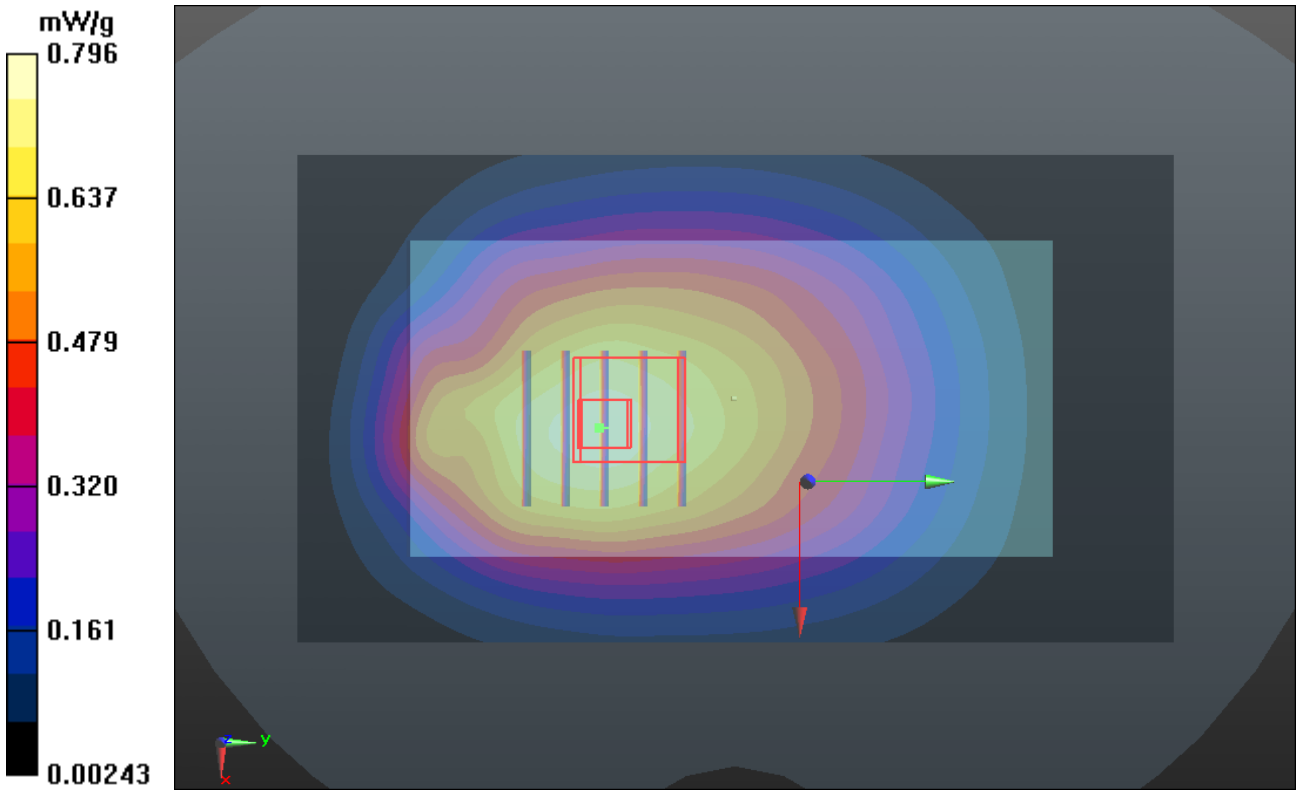
DUT: 120118C07

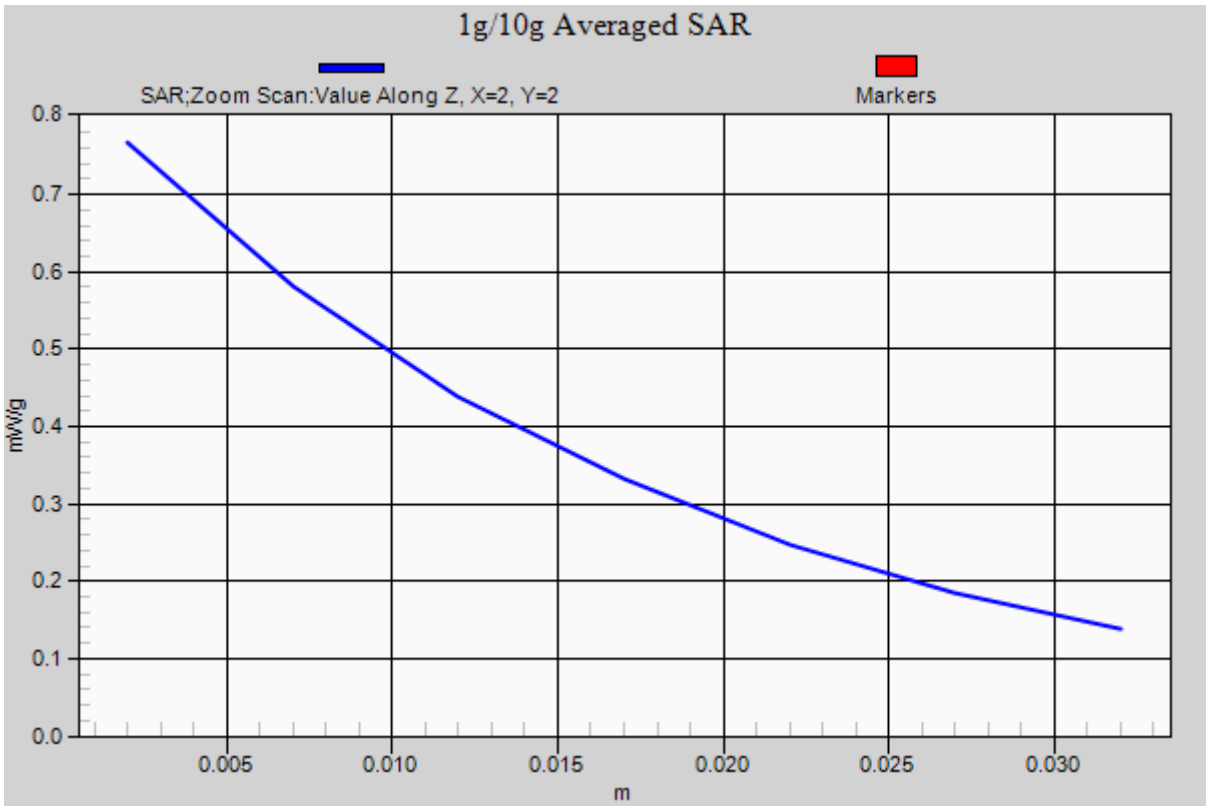
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0125 Medium parameters used : f = 826.4 MHz; σ = 0.982 mho/m; ε_r = 55.072; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.796 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.519 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.8730
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 0.767 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

P47 WCDMA V_RMC12.2K_Left Side_1cm_Ch4132_Sample1

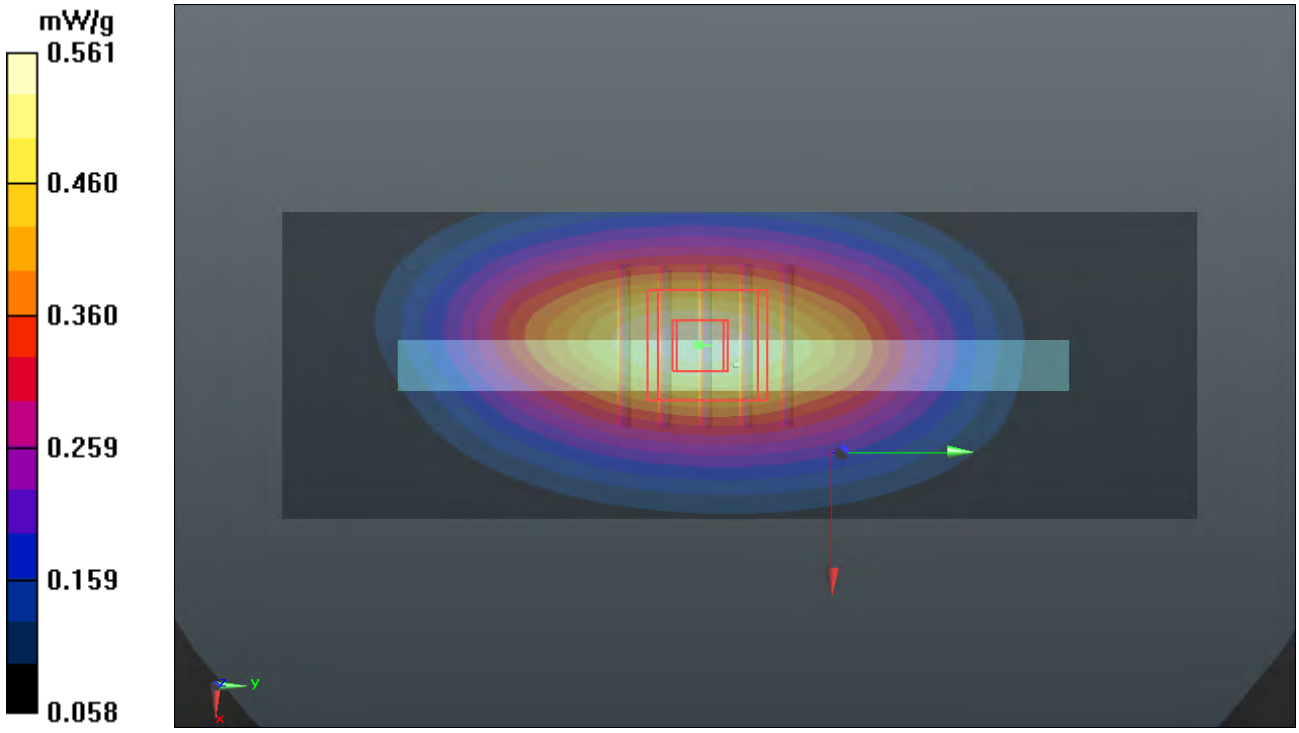
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0125 Medium parameters used : f = 826.4 MHz; σ = 0.982 mho/m; ε_r = 55.072; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.548 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.871 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.6560
SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.561 mW/g



P48 WCDMA V_RMC12.2K_Right Side_1cm_Ch4132_Sample1

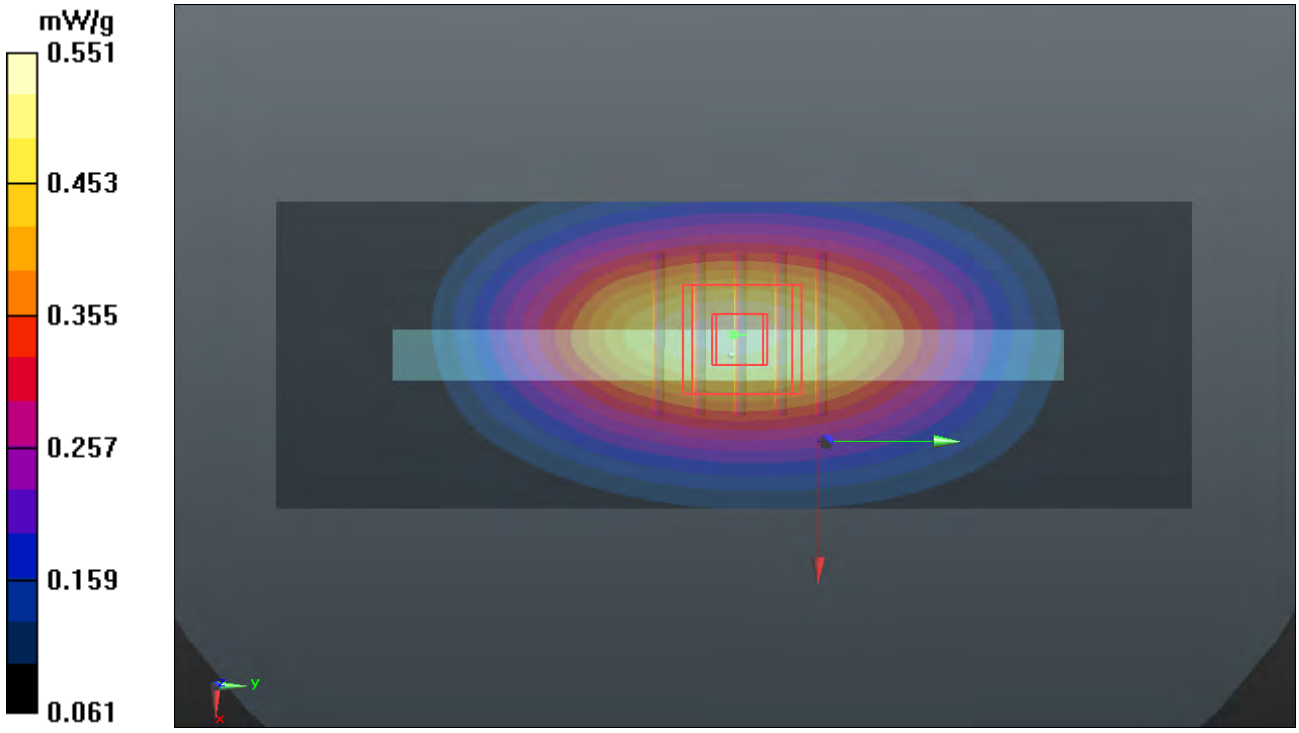
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0125 Medium parameters used : f = 826.4 MHz; σ = 0.982 mho/m; ε_r = 55.072; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.536 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.873 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.6410
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.551 mW/g



P50 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4132_Sample1

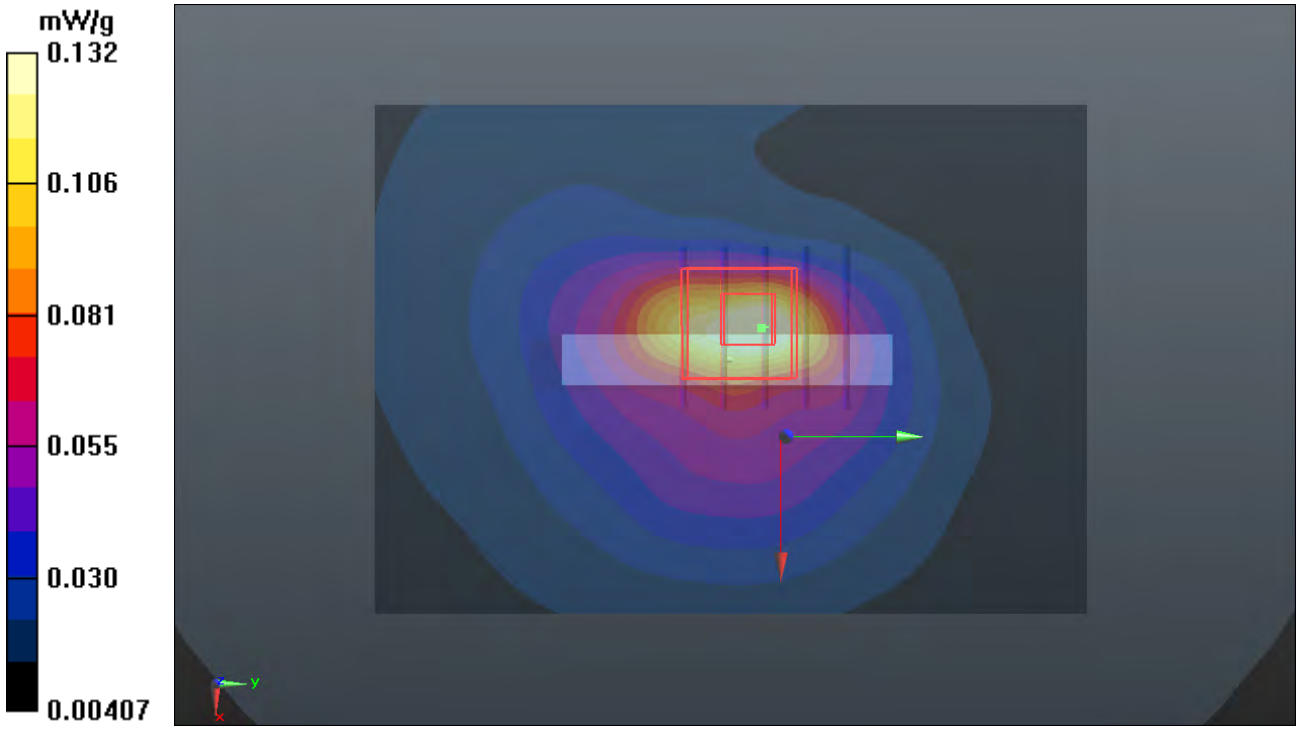
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0125 Medium parameters used : f = 826.4 MHz; σ = 0.982 mho/m; ε_r = 55.072; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.142 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.324 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.1790
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.132 mW/g



P51 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Sample1_Earphone1

DUT: 120118C07

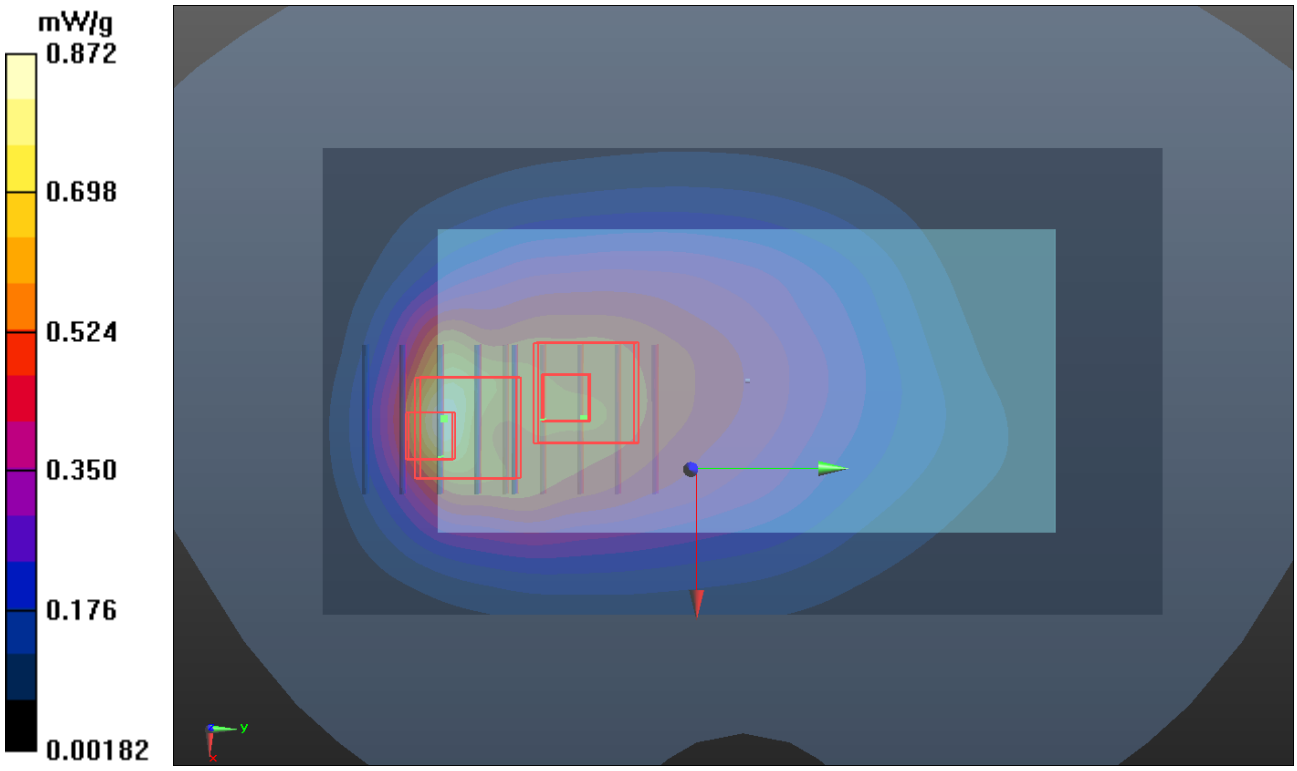
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0125 Medium parameters used: f = 826.4 MHz; σ = 0.982 mho/m; ε_r = 55.072; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.872 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.592 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.7330
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.633 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.592 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.8310
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.606 mW/g



P52 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Sample2

DUT: 120118C07

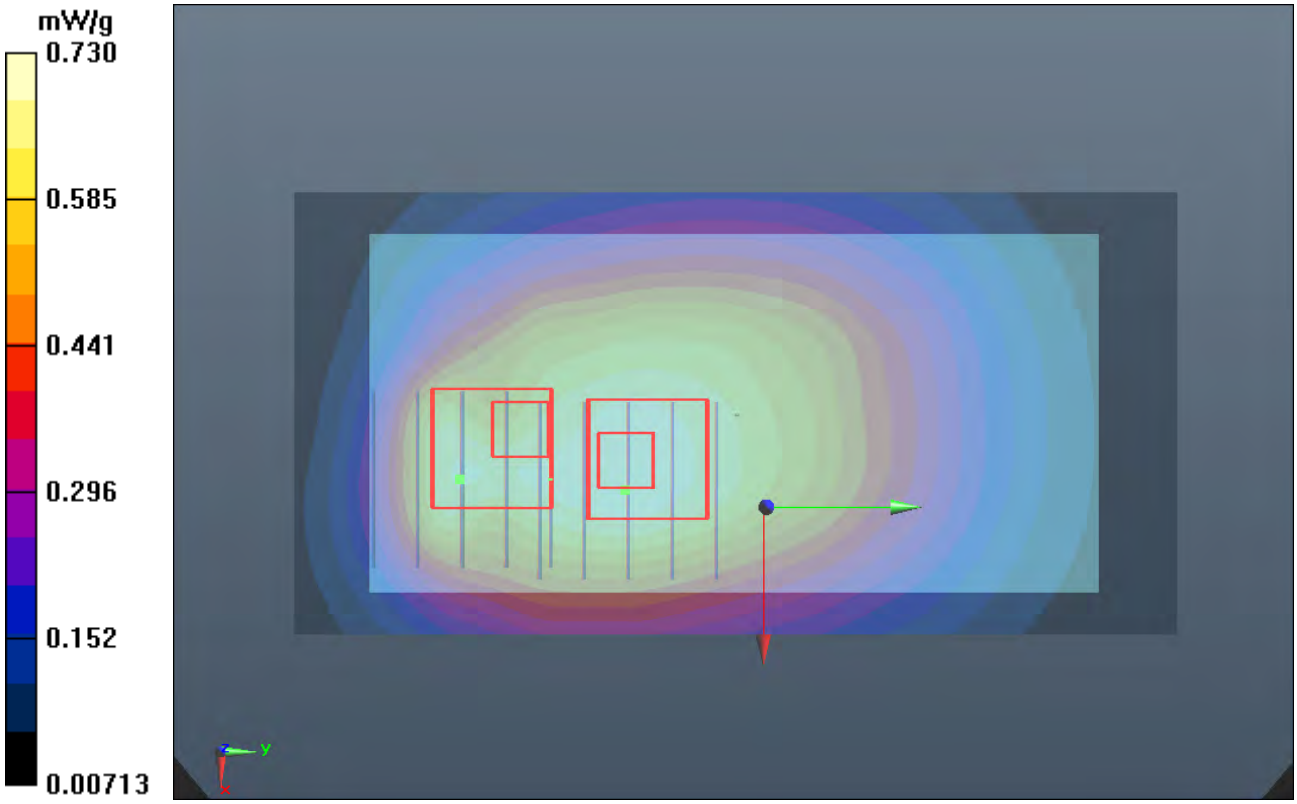
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0212 Medium parameters used : f = 826.4 MHz; σ = 0.985 mho/m; ε_r = 55.425; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.730 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.810 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.8220
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.725 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.810 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.7770
SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.669 mW/g



P87 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Sample1_Earphone2

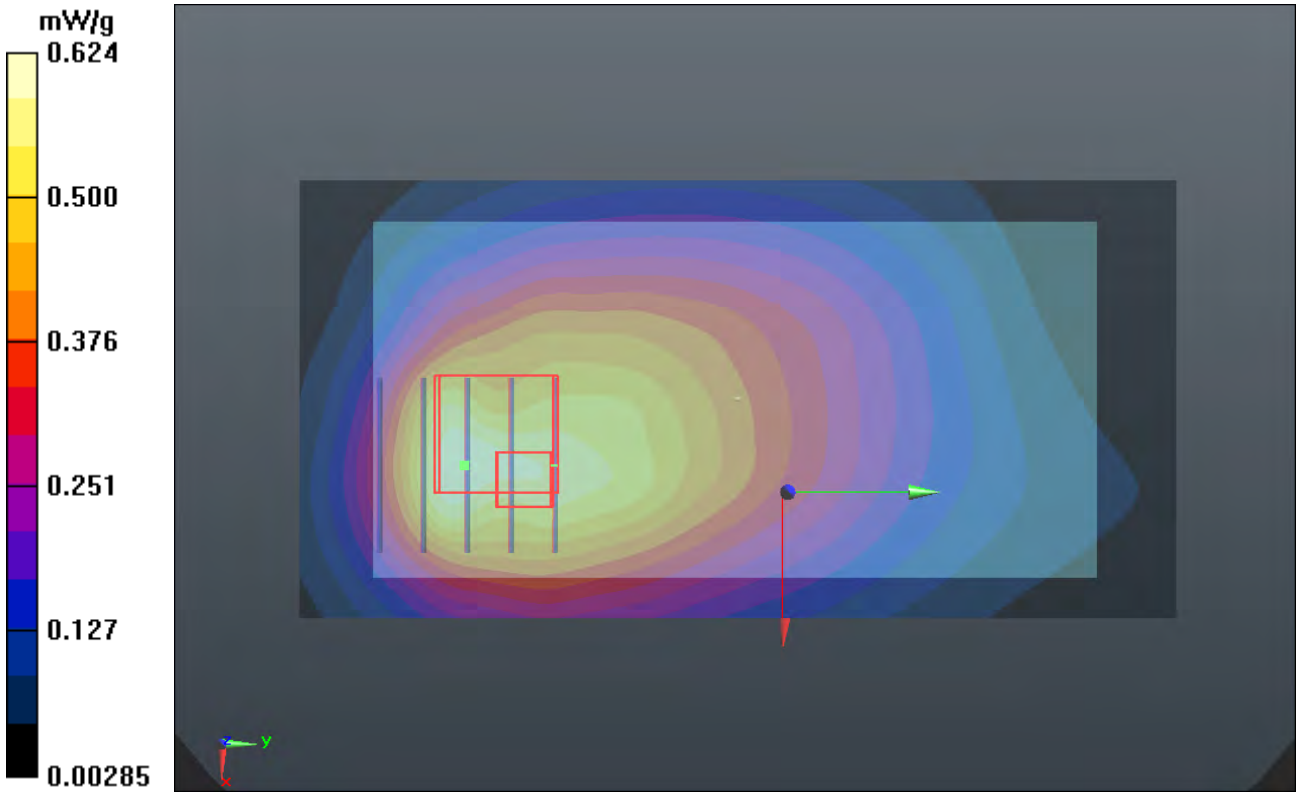
DUT: 120118C07

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0212 Medium parameters used : f = 826.4 MHz; σ = 0.985 mho/m; ε_r = 55.425; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.624 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.374 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.6700
SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.574 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P58 WCDMA IV_RMC12.2K_Front Face_1cm_Ch1513_Sample1

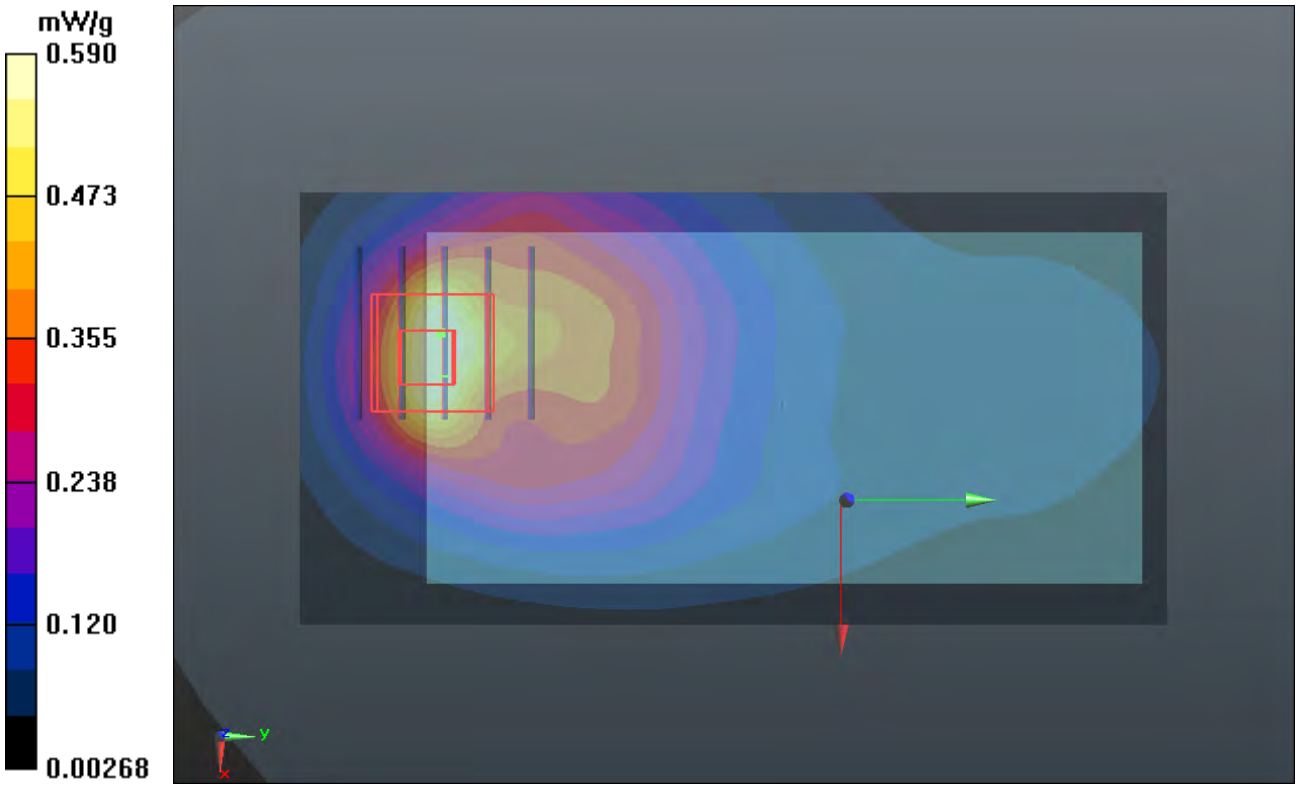
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.590 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.768 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.7080
SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.583 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date : 2012/02/01

P59 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1513_Sample1

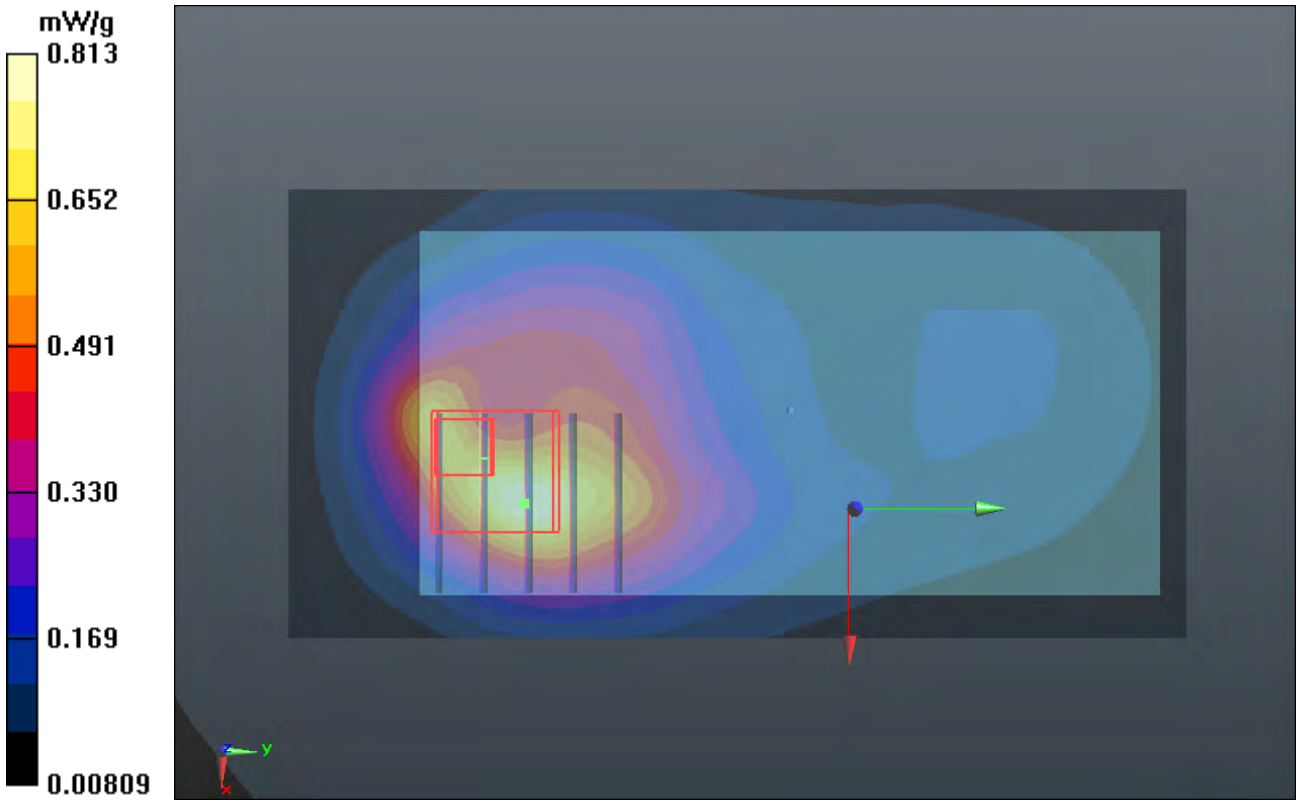
DUT: 120118C07

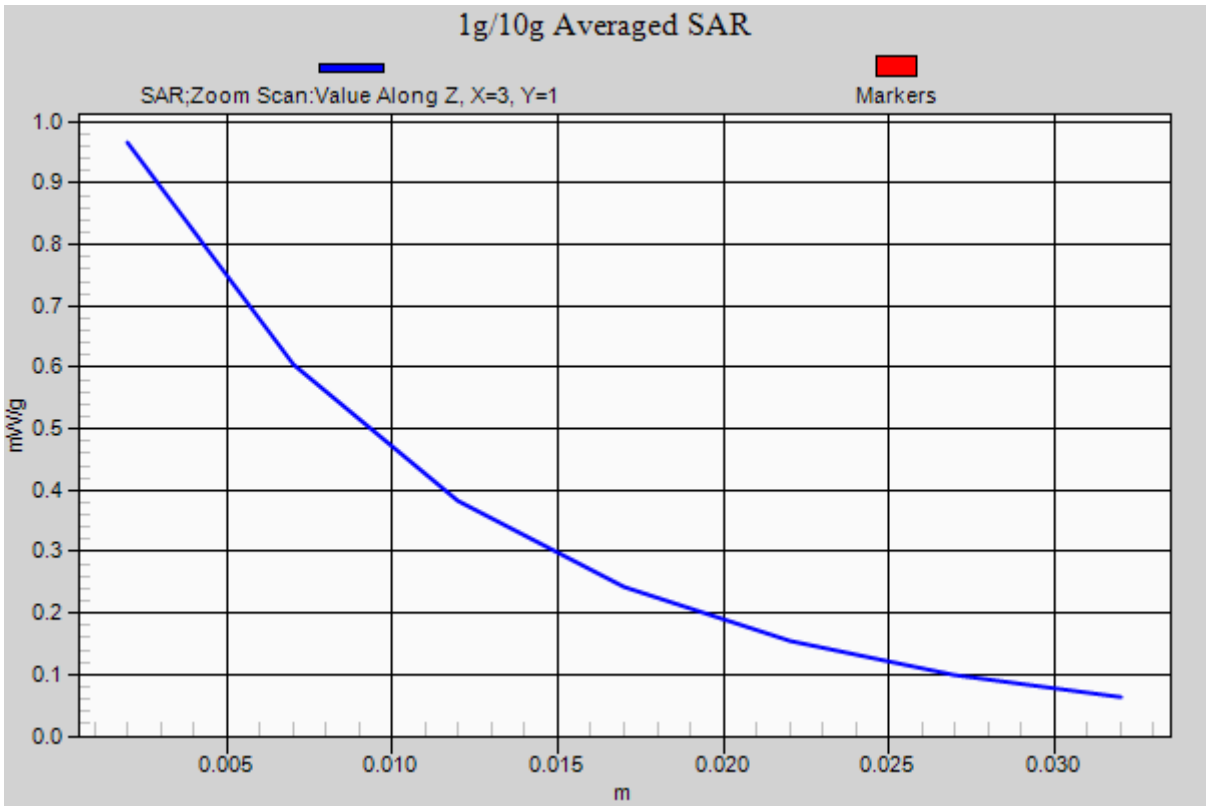
Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.813 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.738 V/m; Power Drift = -0.0095 dB
Peak SAR (extrapolated) = 1.2450
SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.966 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=1
Markers
1.0
0.9
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

P60 WCDMA IV_RMC12.2K_Left Side_1cm_Ch1513_Sample1

DUT: 120118C07

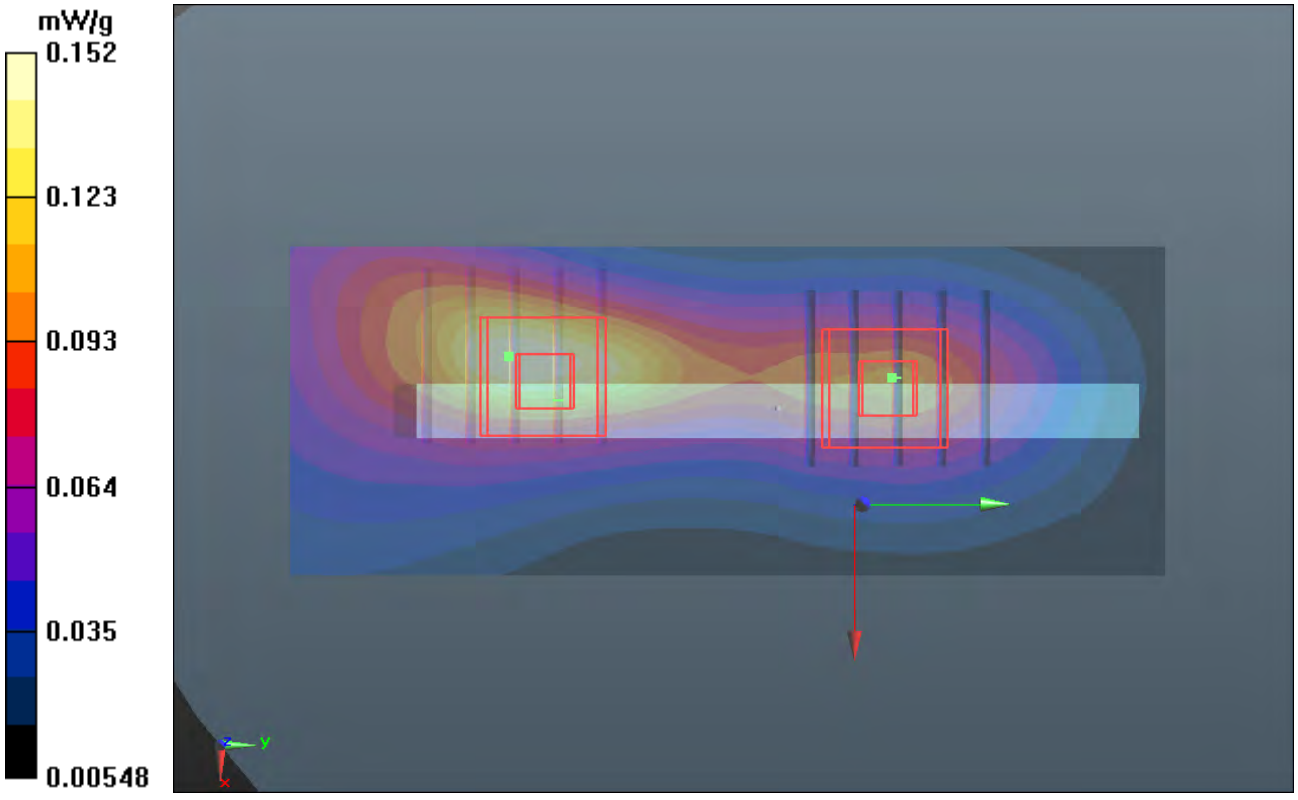
Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.152 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.212 V/m; Power Drift = -0.0082 dB
Peak SAR (extrapolated) = 0.2090
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.161 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.212 V/m; Power Drift = -0.0082 dB
Peak SAR (extrapolated) = 0.1380
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



P61 WCDMA IV_RMC12.2K_Right Side_1cm_Ch1513_Sample1

DUT: 120118C07

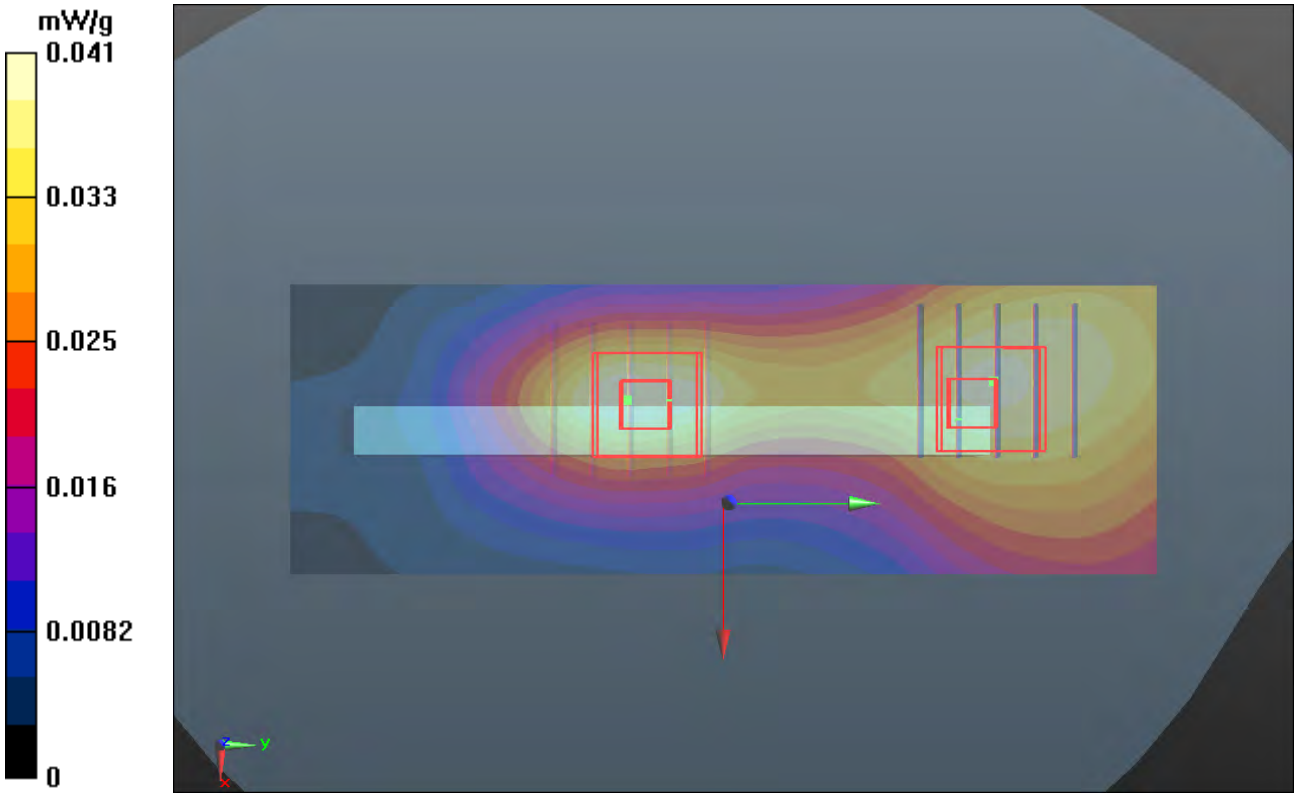
Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.041 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.308 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0540
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.044 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.308 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0490
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.040 mW/g



P63 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch1513_Sample1

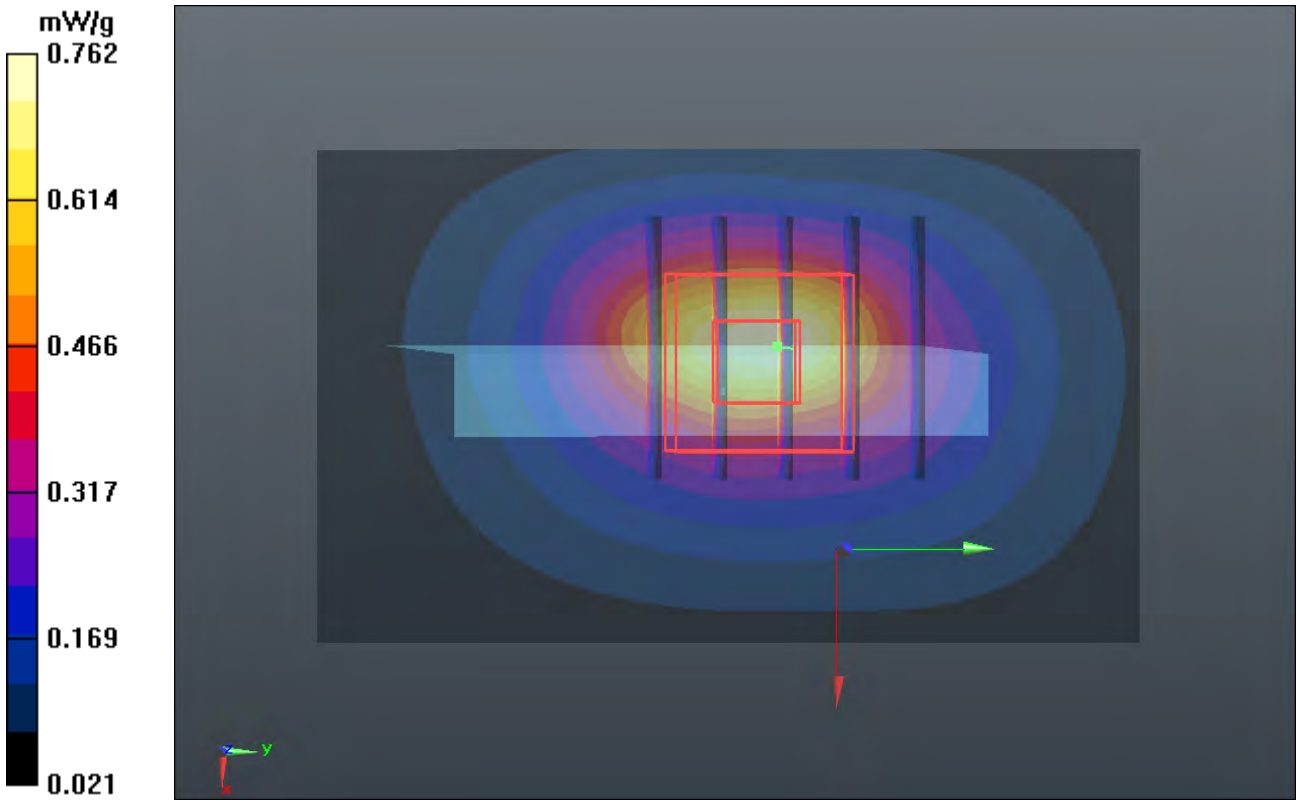
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.762 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.808 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.1280
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.371 mW/g
Maximum value of SAR (measured) = 0.902 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P64 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1513_Sample1_Earphone1

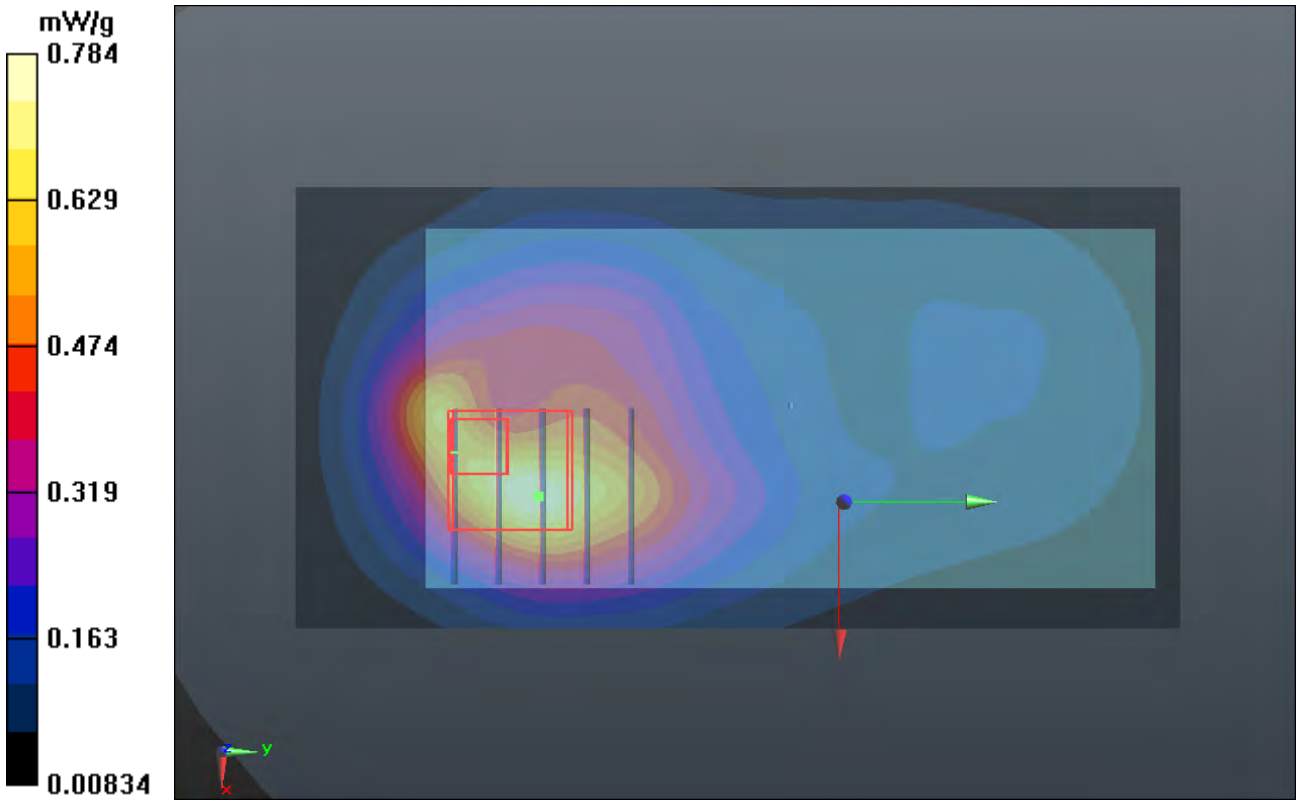
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.784 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.922 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.2010
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.944 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P67 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1513_Sample2

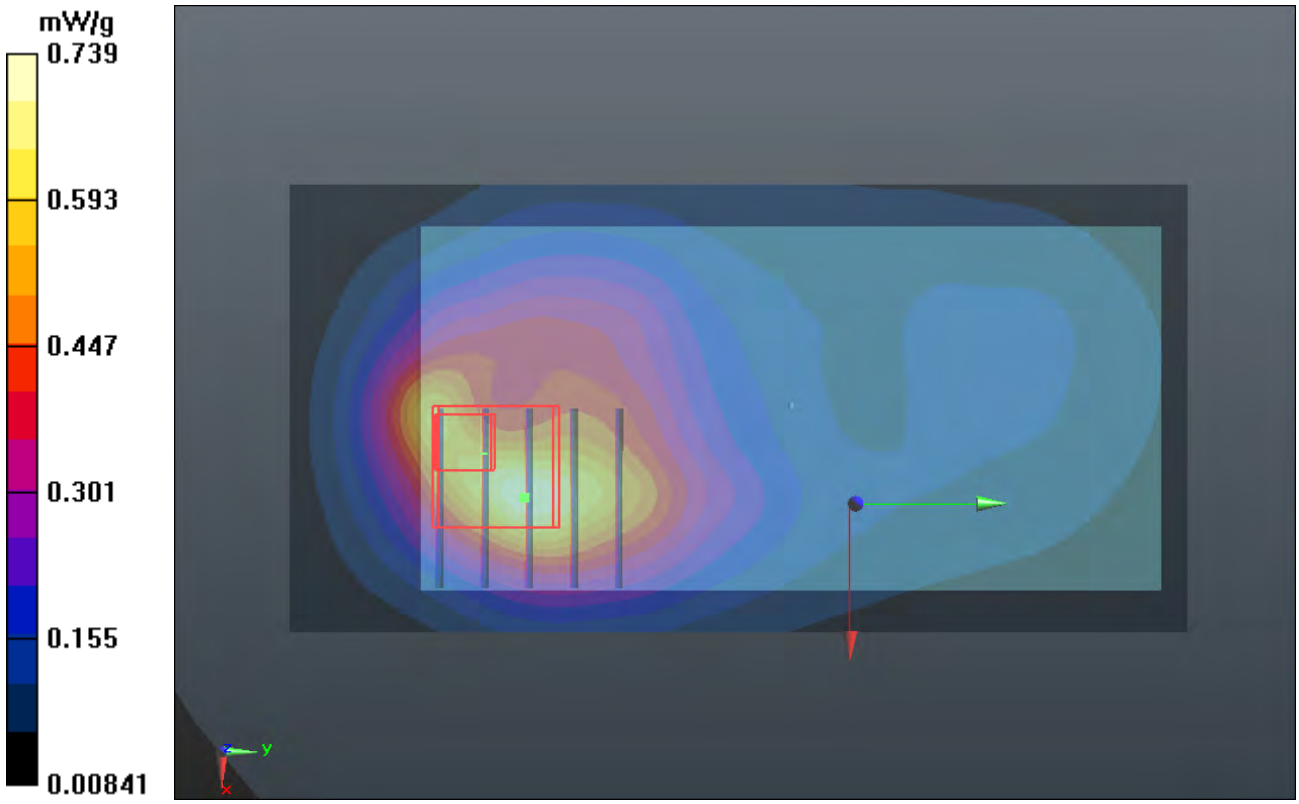
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0201 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.464; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.49, 7.49, 7.49); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.739 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.515 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.1190
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



P88 WCDMA IV_Rear Face_1cm_Ch1513_Sample1_Earphone2

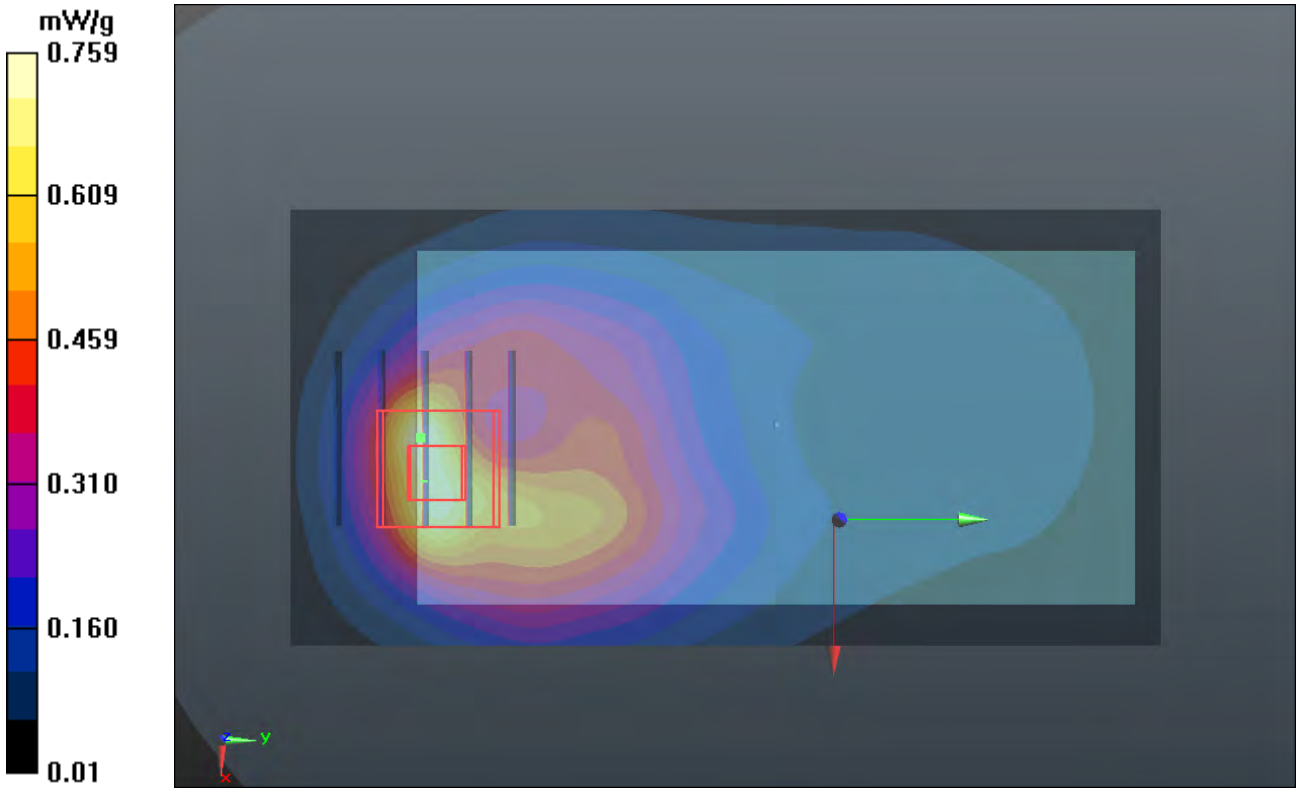
DUT: 120118C07

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: B1750_0211 Medium parameters used: f = 1753 MHz; σ = 1.467 mho/m; ε_r = 54.754; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(7.43, 7.43, 7.43); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch1513/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.759 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.252 V/m; Power Drift = -0.0083 dB
Peak SAR (extrapolated) = 1.0830
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.875 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/01

P73 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample1

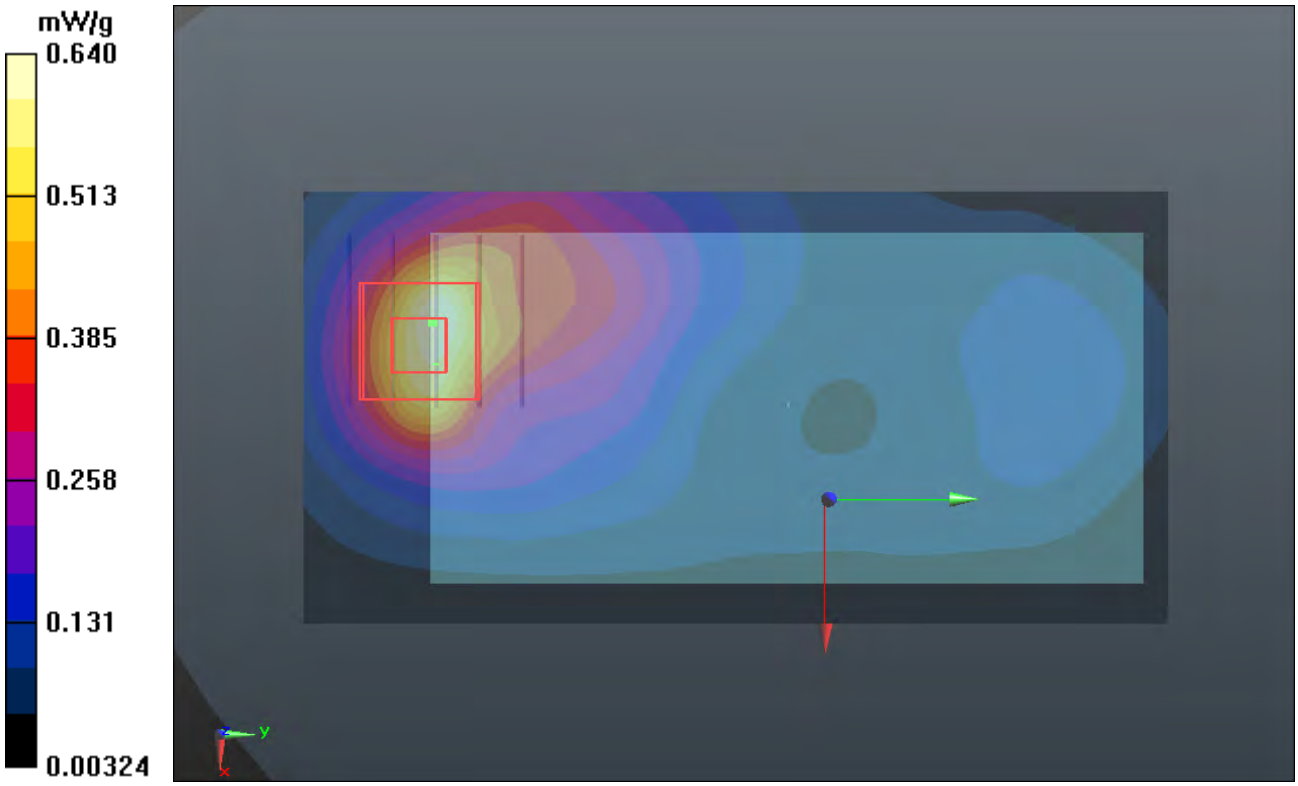
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.640 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.587 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.7570
SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.611 mW/g



P74 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1

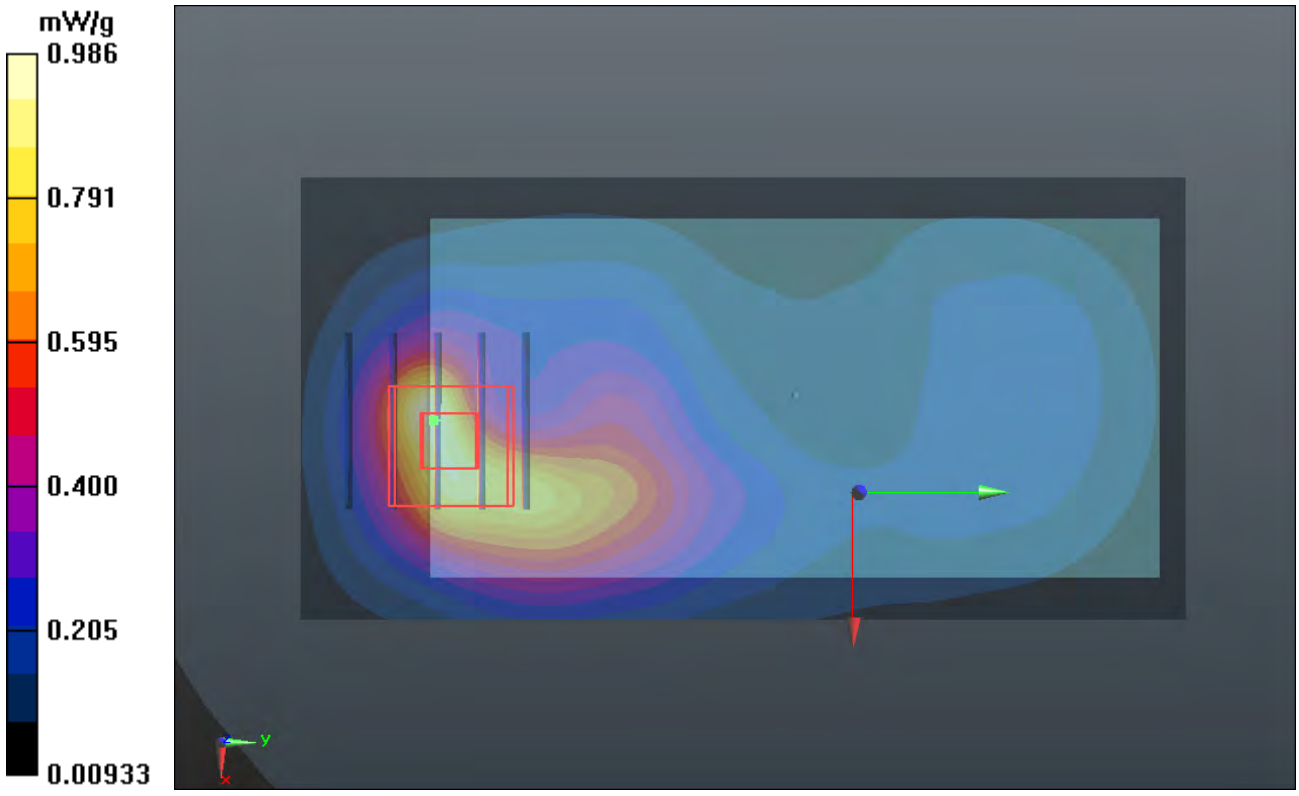
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.986 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.826 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.5430
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 1.199 mW/g



P75 WCDMA II_RMC12.2K_Left Side_1cm_Ch9400_Sample1

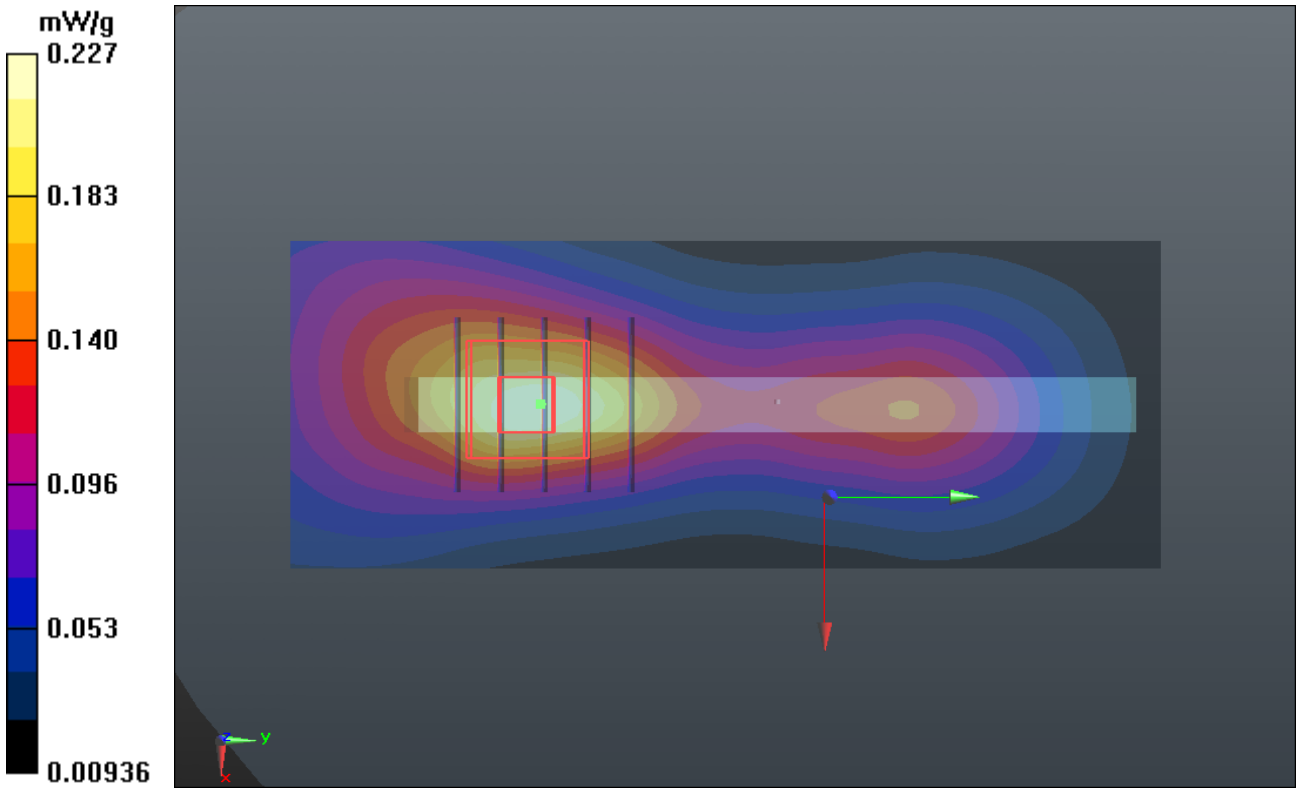
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.398 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.3470
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.281 mW/g



P76 WCDMA II_RMC12.2K_Right Side_1cm_Ch9400_Sample1

DUT: 120118C07

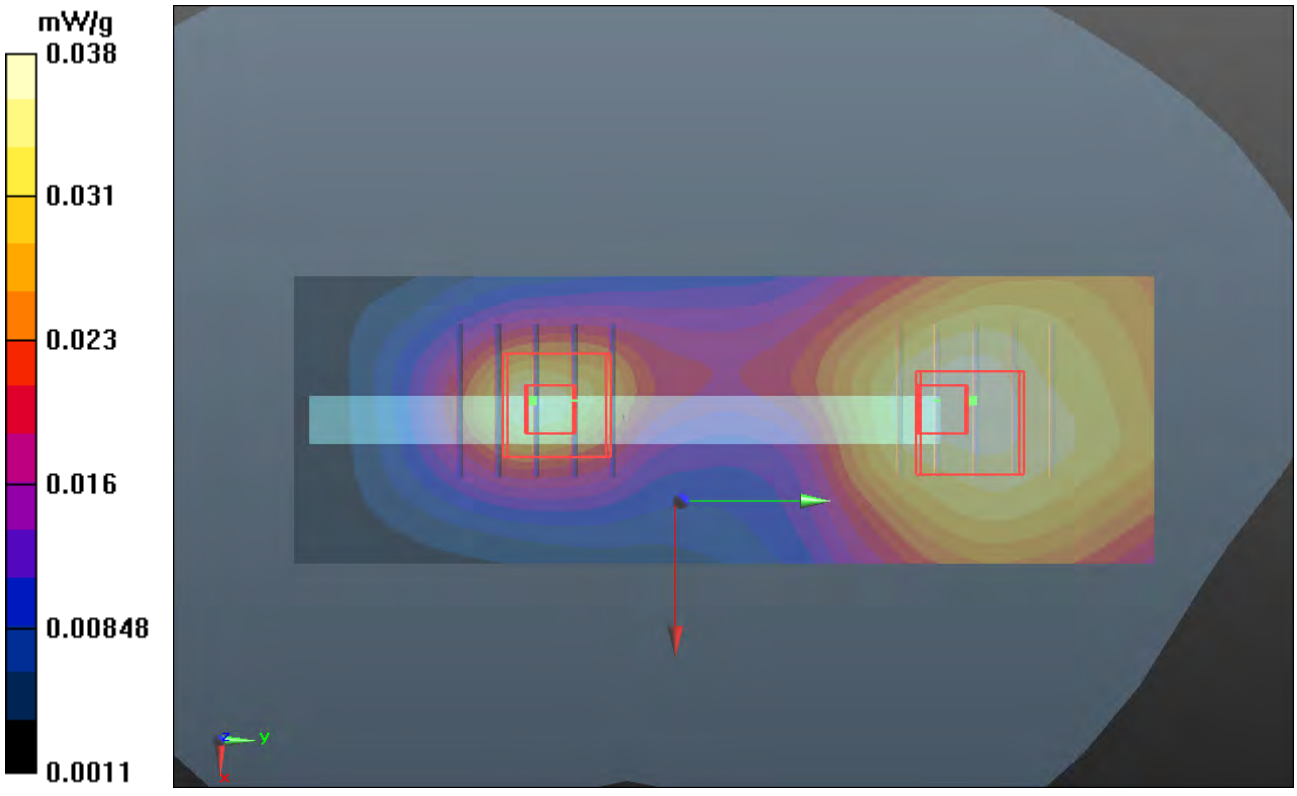
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.038 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.439 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.0470
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.039 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.439 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.0460
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.037 mW/g



P78 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400_Sample1

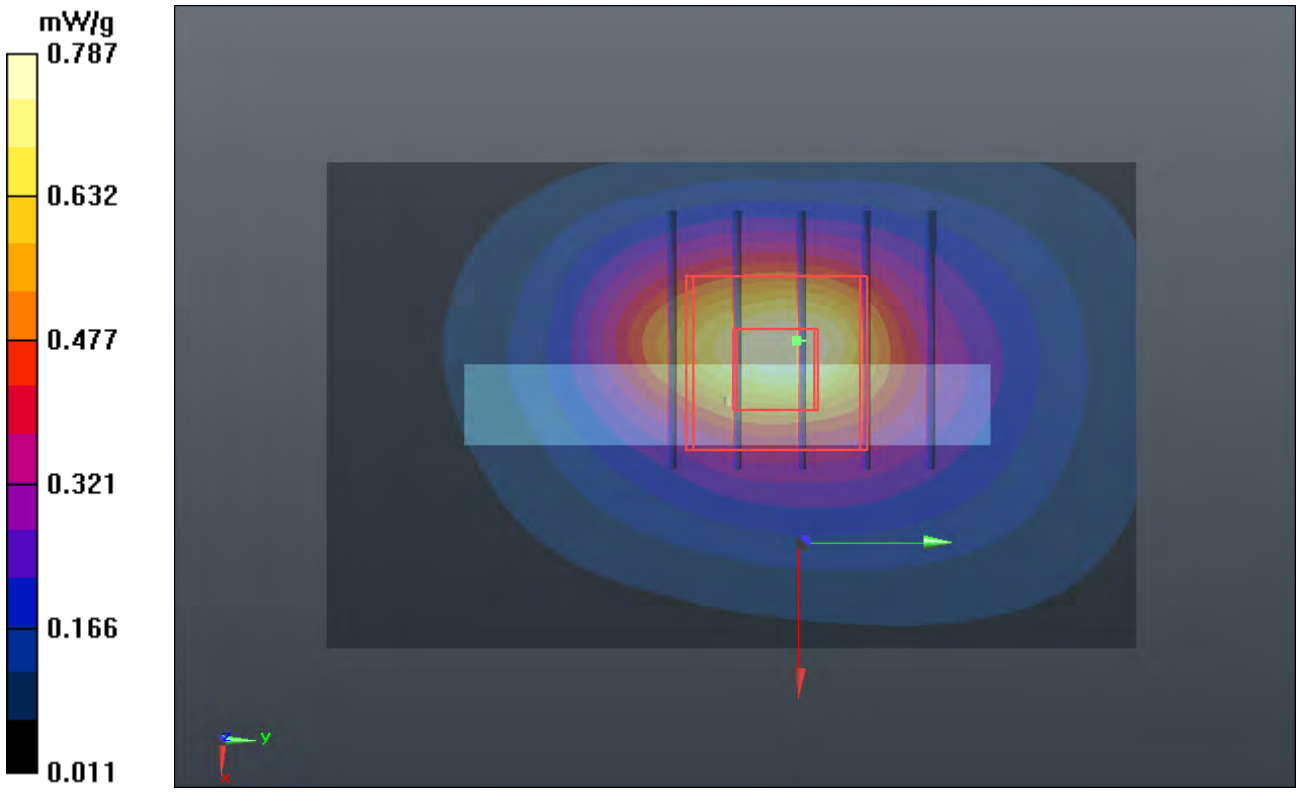
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.787 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.094 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.1840
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.365 mW/g
Maximum value of SAR (measured) = 0.862 mW/g



P79 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Sample1

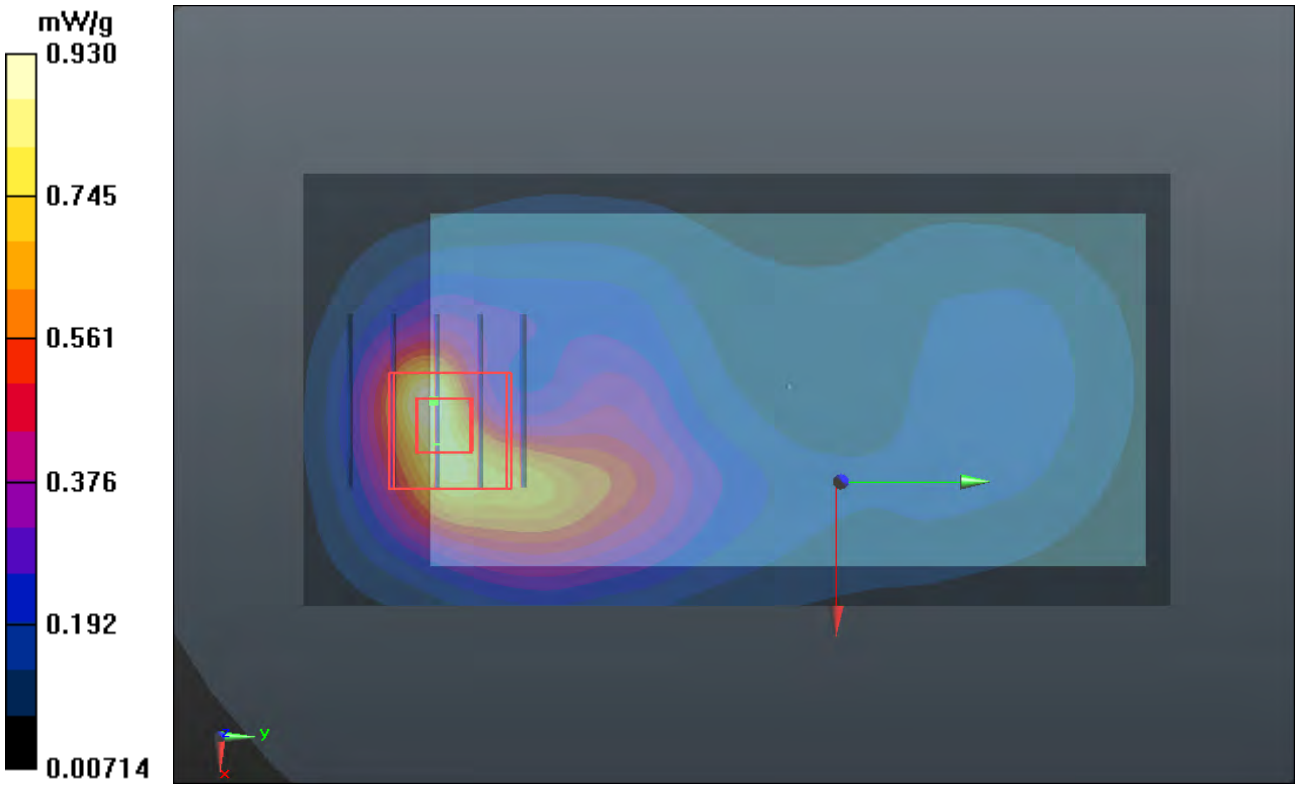
DUT: 120118C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used : f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.05; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.930 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.956 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.4620
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 1.124 mW/g



P80 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1

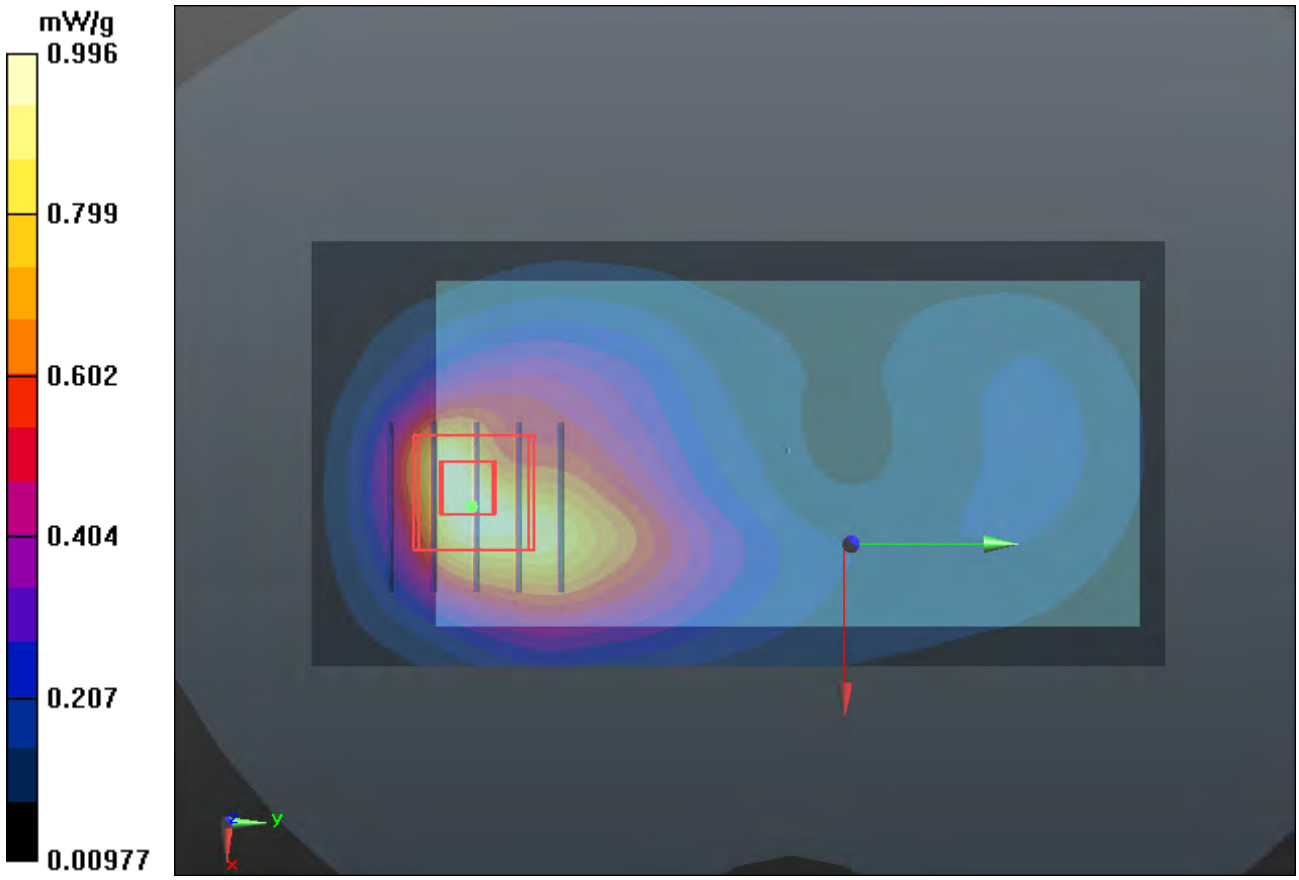
DUT: 120118C07

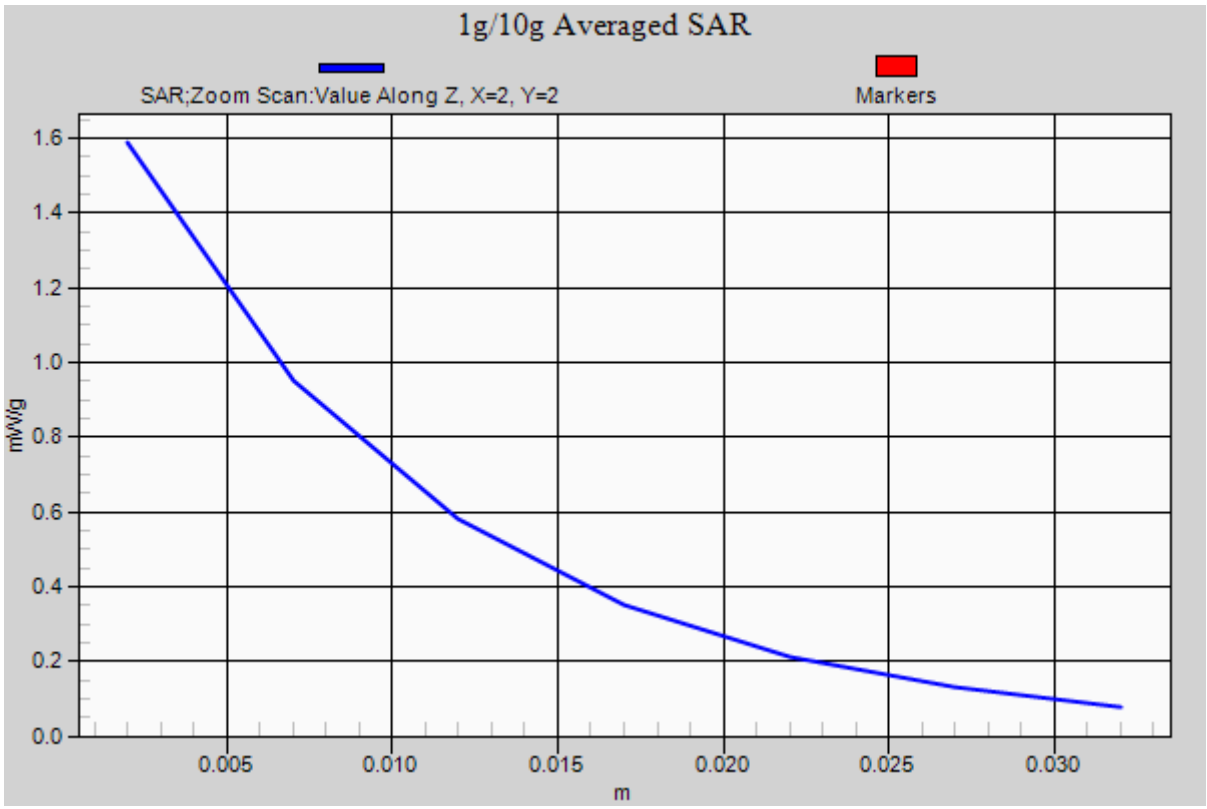
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1908 MHz; σ = 1.553 mho/m; ε_r = 52.852; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.996 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.910 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.9720
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.587 mW/g
Maximum value of SAR (measured) = 1.587 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P81 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1_Earphone1

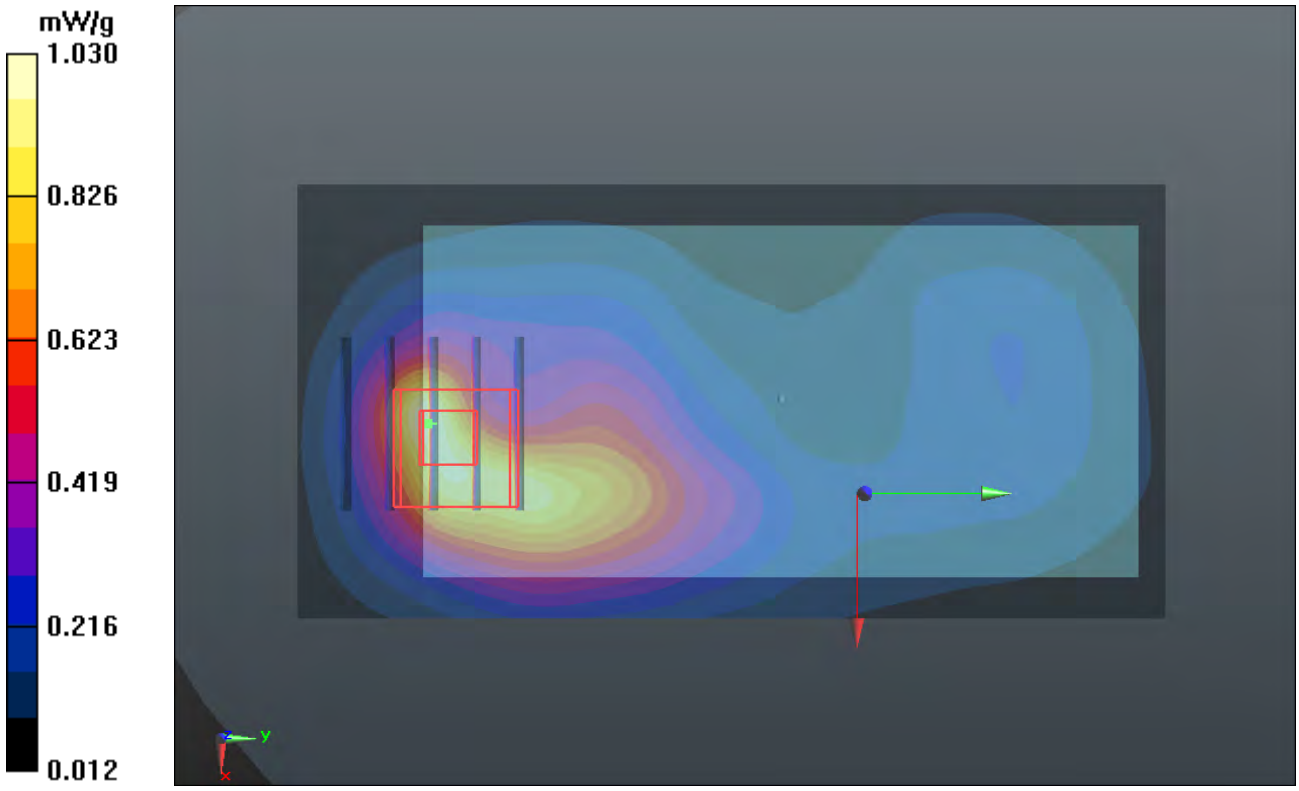
DUT: 120118C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1908 MHz; σ = 1.553 mho/m; ε_r = 52.852; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.030 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.613 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.6810
SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.527 mW/g
Maximum value of SAR (measured) = 1.245 mW/g



P112 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Sample1_Earphone1

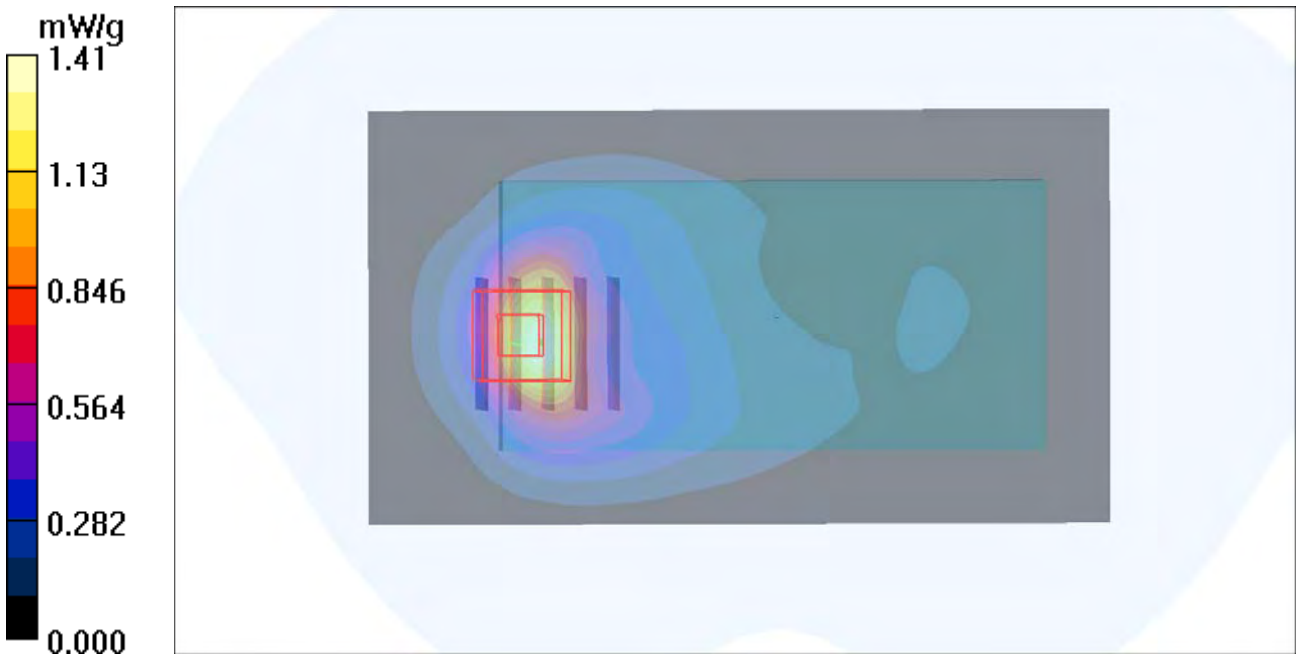
DUT: 120118C07

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0214 Medium parameters used : f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.5 ℃

DASY4 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 V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.19 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.583 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



P113 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1_Earphone1

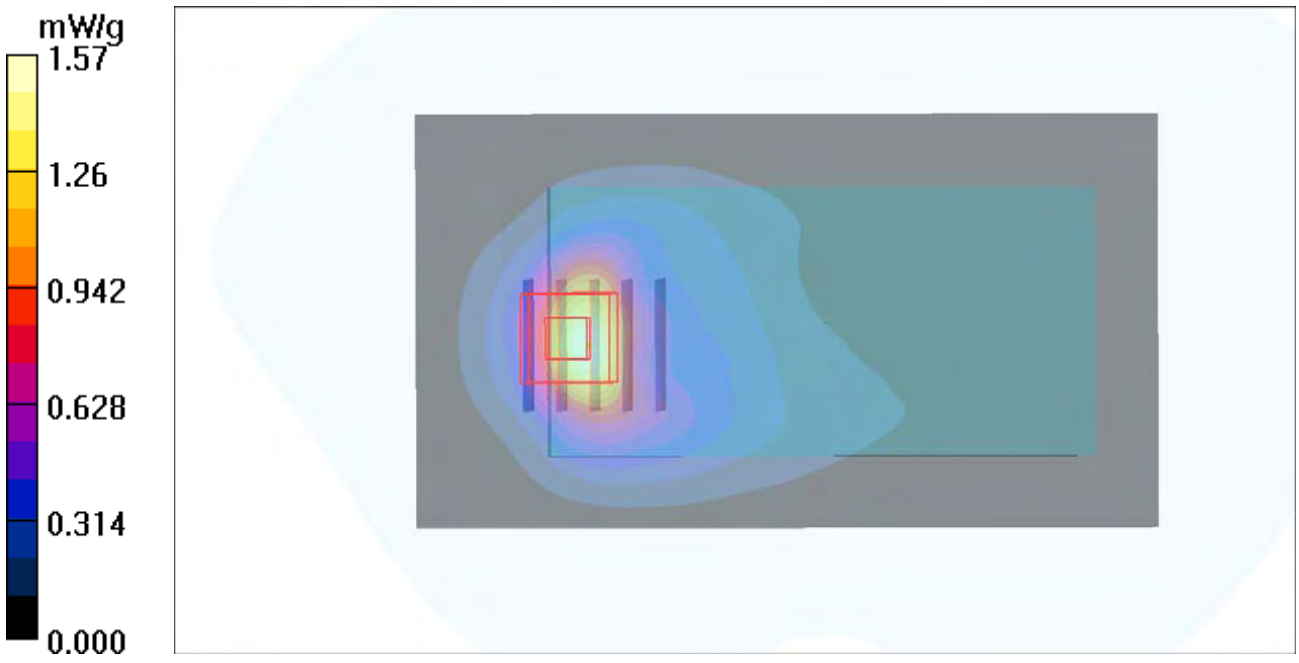
DUT: 120118C07

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0214 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.5 ℃

DASY4 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 V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.57 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.22 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 1.56 mW/g



P82 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample2

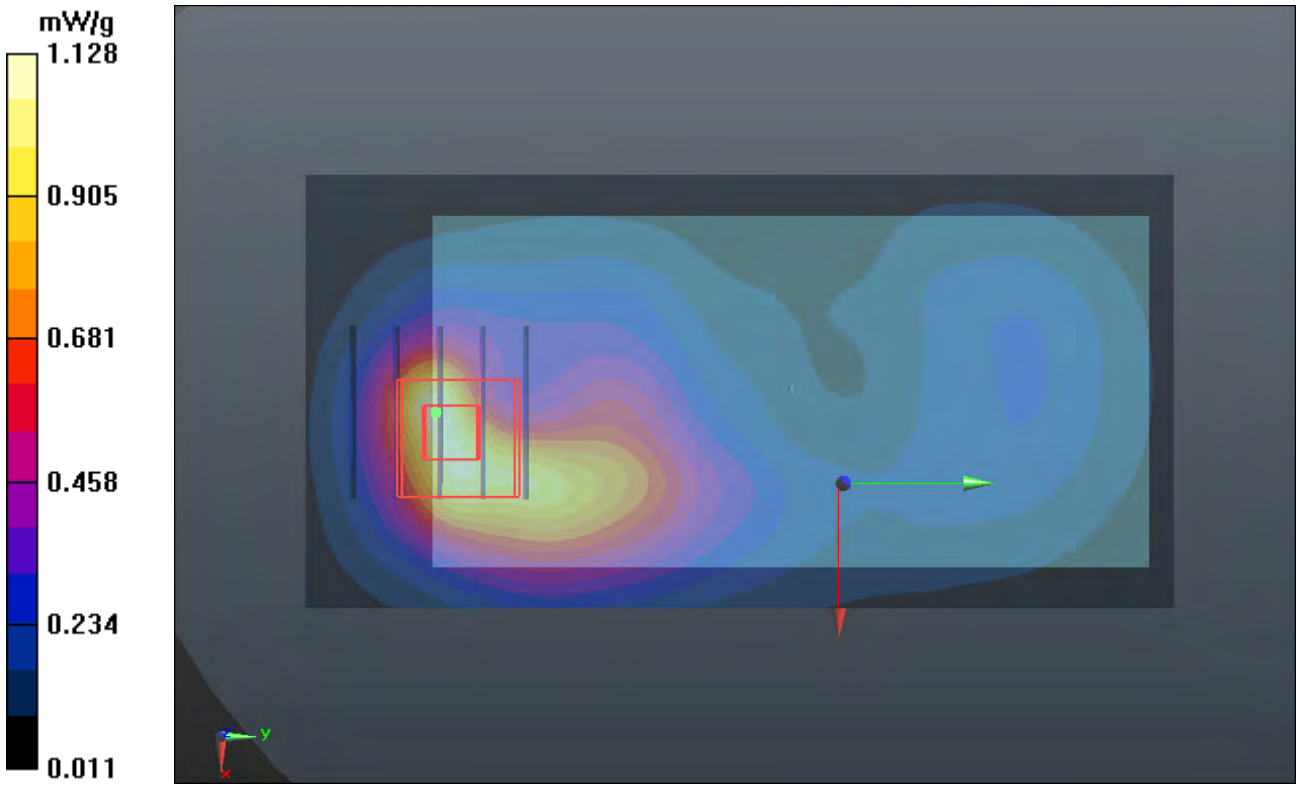
DUT: 120118C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1908 MHz; σ = 1.553 mho/m; ε_r = 52.852; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.128 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.104 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.7840
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 1.354 mW/g



P83 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9662_Sample2

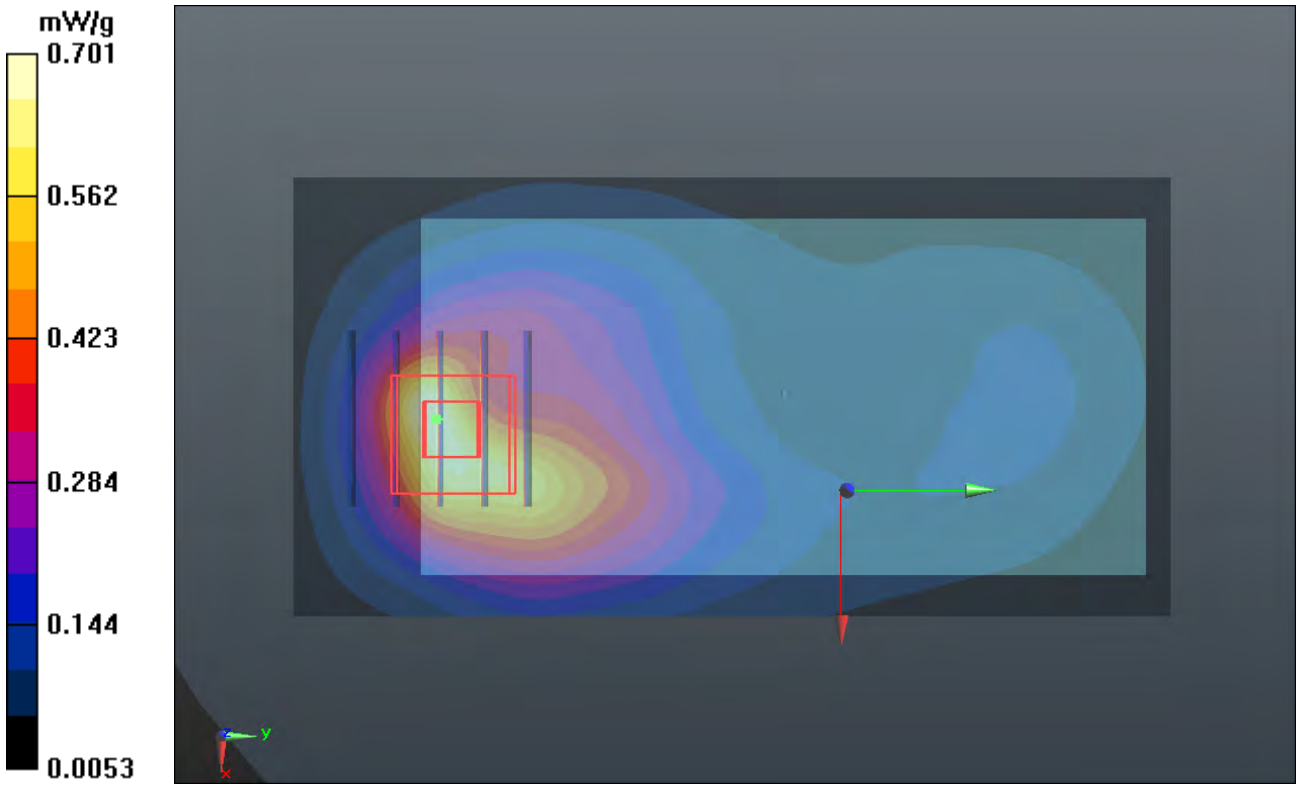
DUT: 120118C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used : f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.05; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.701 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.290 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.3660
SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 1.038 mW/g



P84 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample2

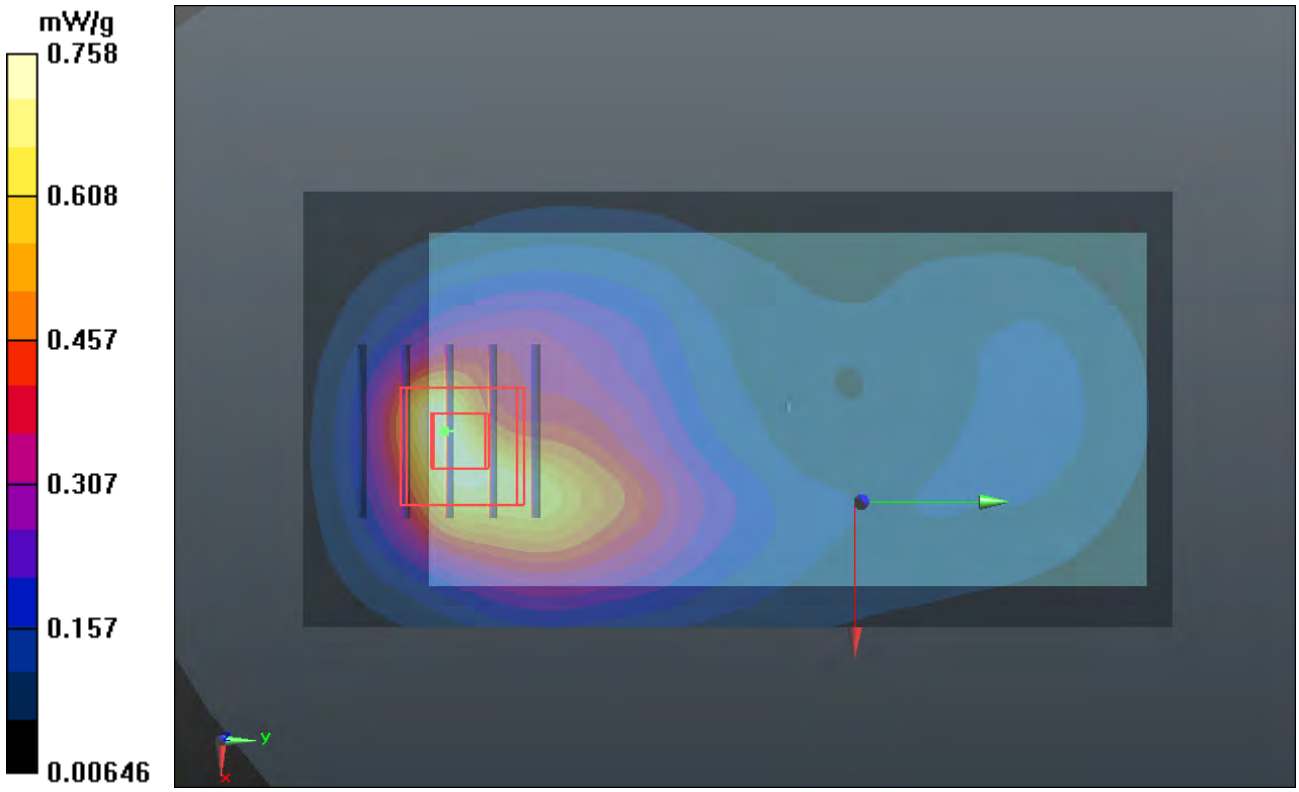
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0201 Medium parameters used: f = 1880 MHz; σ = 1.521 mho/m; ε_r = 52.952; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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 (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.758 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.256 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.4710
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 1.098 mW/g



P89 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1_Earphone2

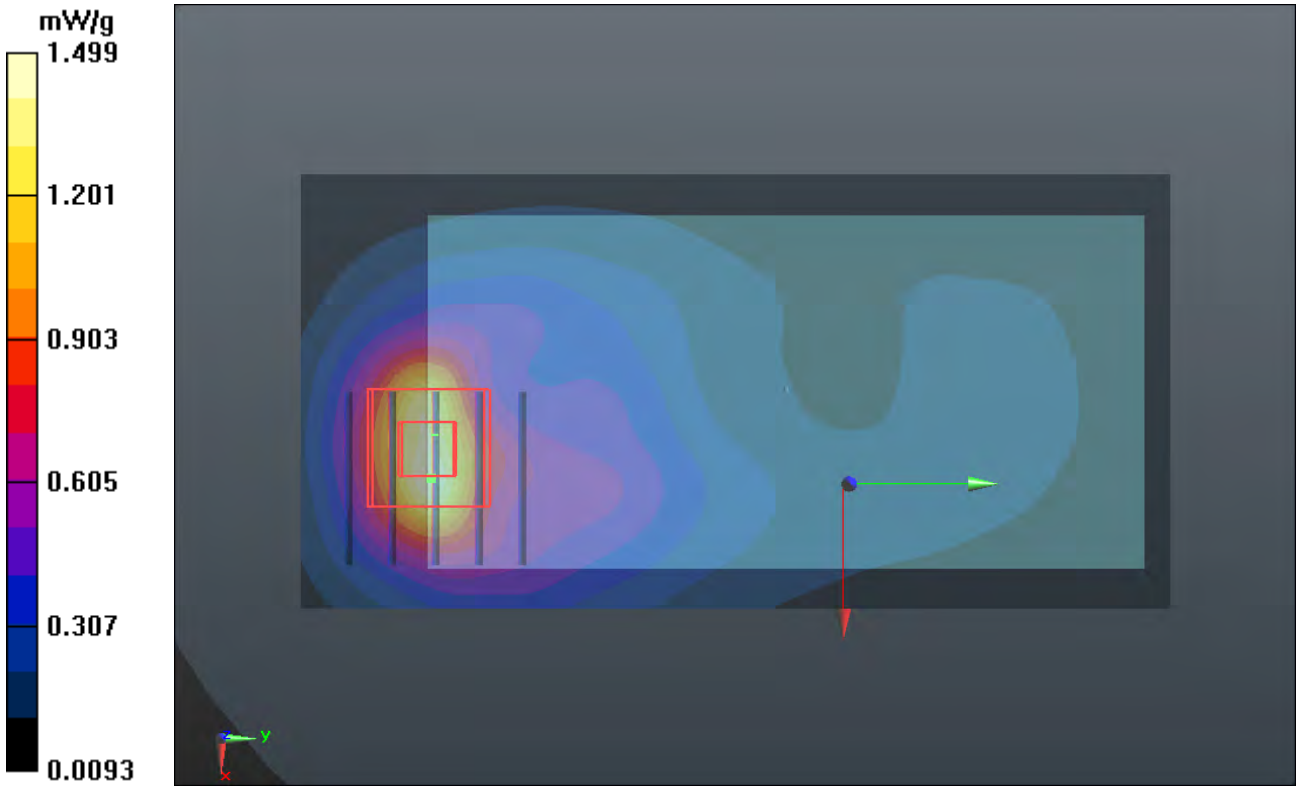
DUT: 120118C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0211 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 52.922; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.499 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.455 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.7400
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 1.408 mW/g



P93 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Sample1_Earphone2

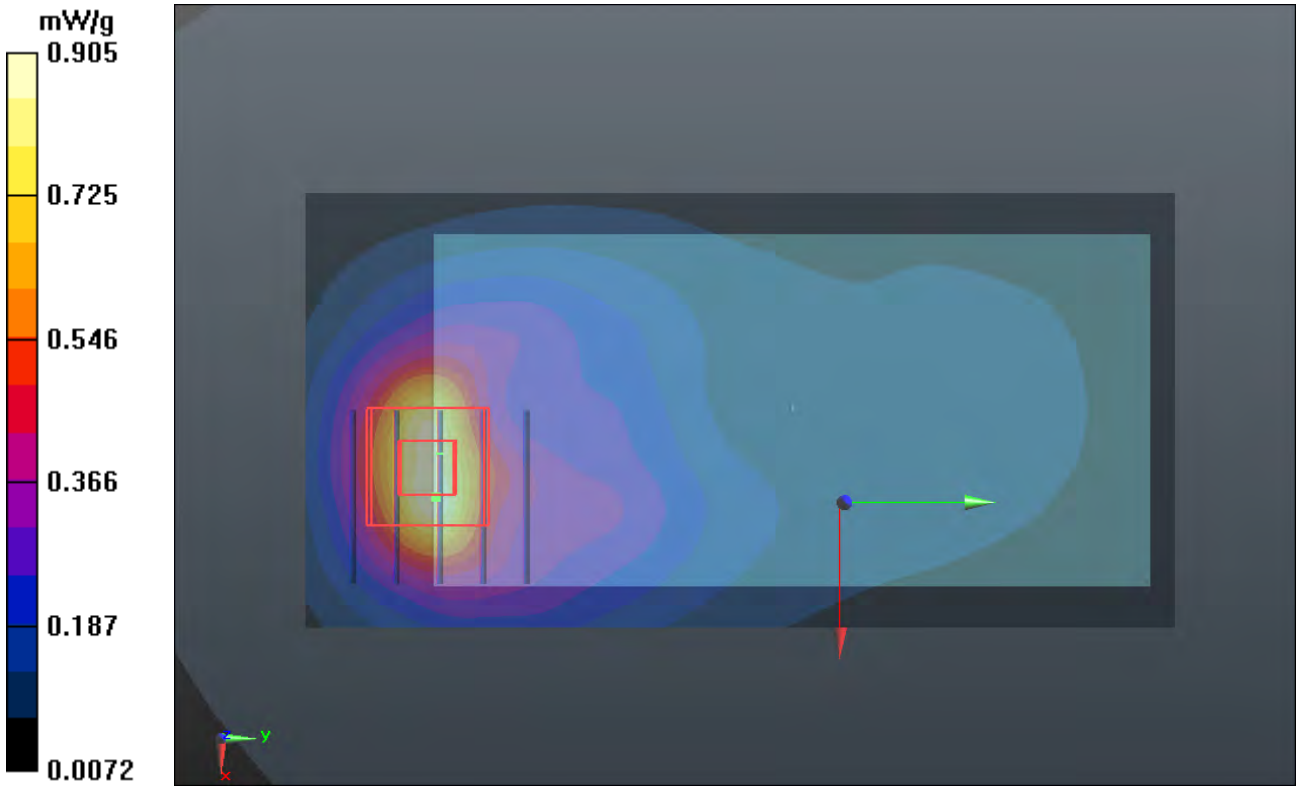
DUT: 120118C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0211 Medium parameters used : f = 1852.4 MHz; σ = 1.496 mho/m; ε_r = 53.106; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.905 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.391 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.2000
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.972 mW/g



P94 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1_Earphone2

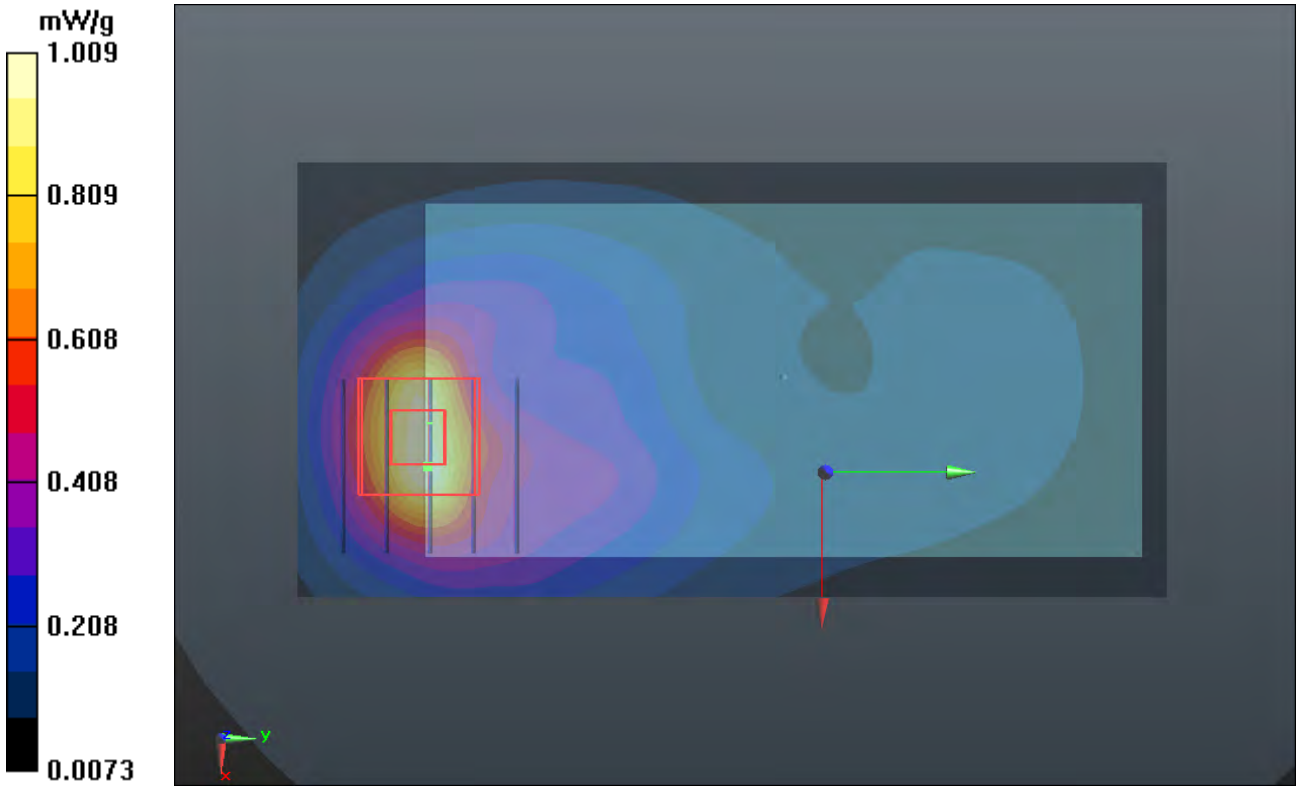
DUT: 120118C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0211 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.024; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- 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 (0); SEMCAD X Version 14.6.4 (4989)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.009 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.311 V/m; Power Drift = 0.0013 dB
Peak SAR (extrapolated) = 1.3670
SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 1.102 mW/g



P95 802.11b_Right Cheek_Ch6_Sample1

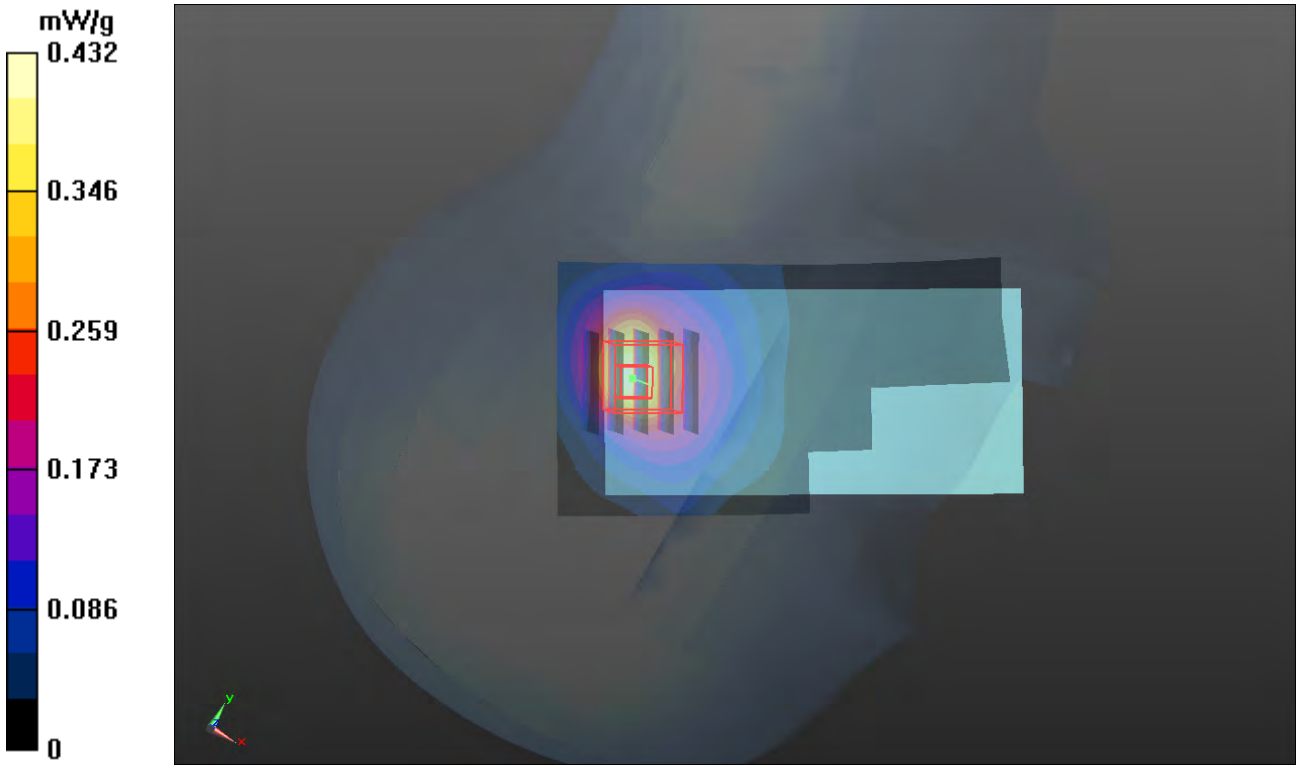
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.839 mho/m; ε_r = 38.066; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.432 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.626 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.5010
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.377 mW/g



P96 802.11b_Right Tilted_Ch6_Sample1

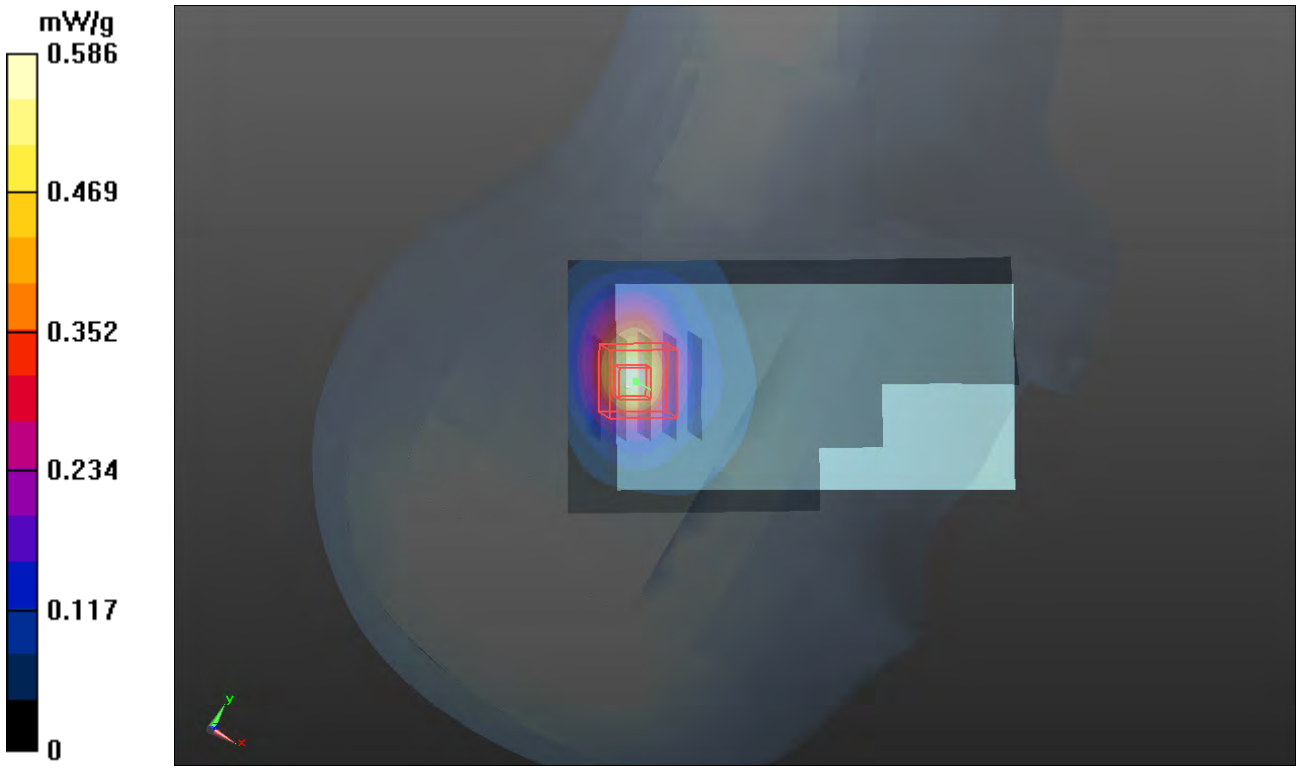
DUT: 120118C07

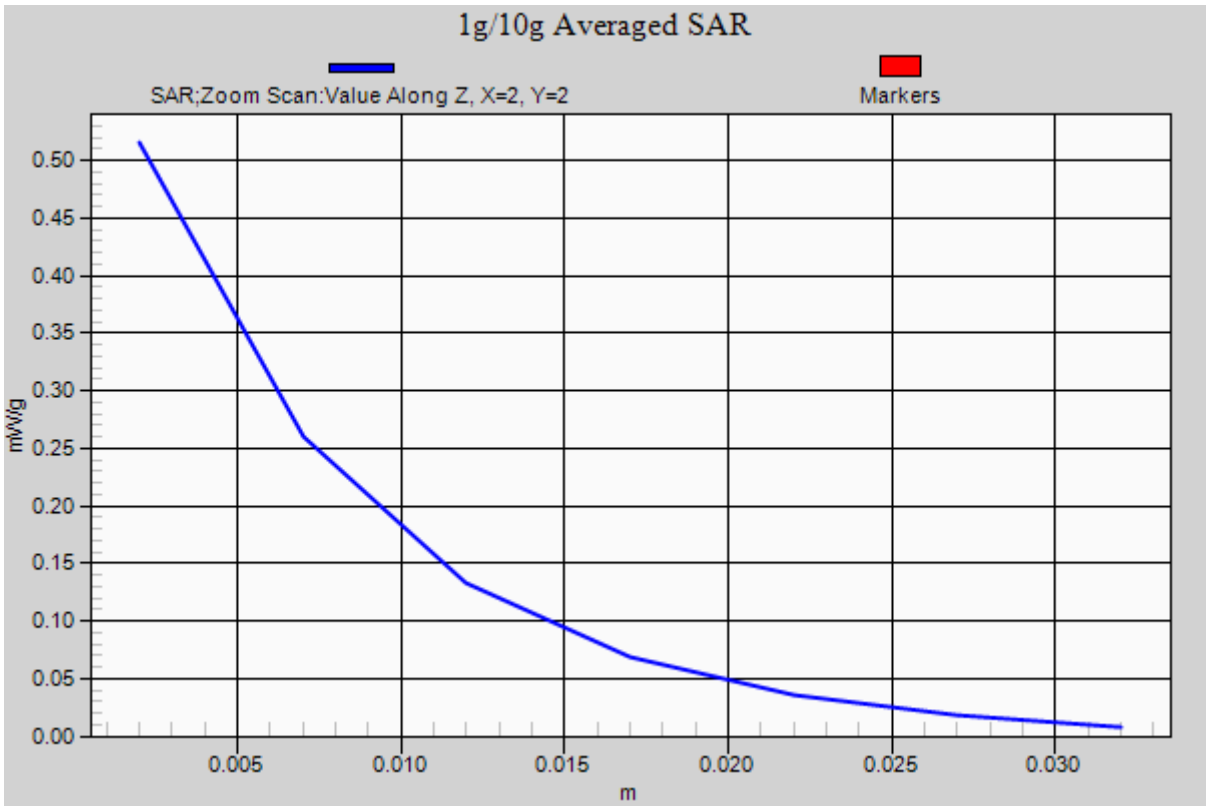
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.839 mho/m; ε_r = 38.066; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.586 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.651 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.6970
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.515 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/02/12

P97 802.11b_Left Cheek_Ch6_Sample1

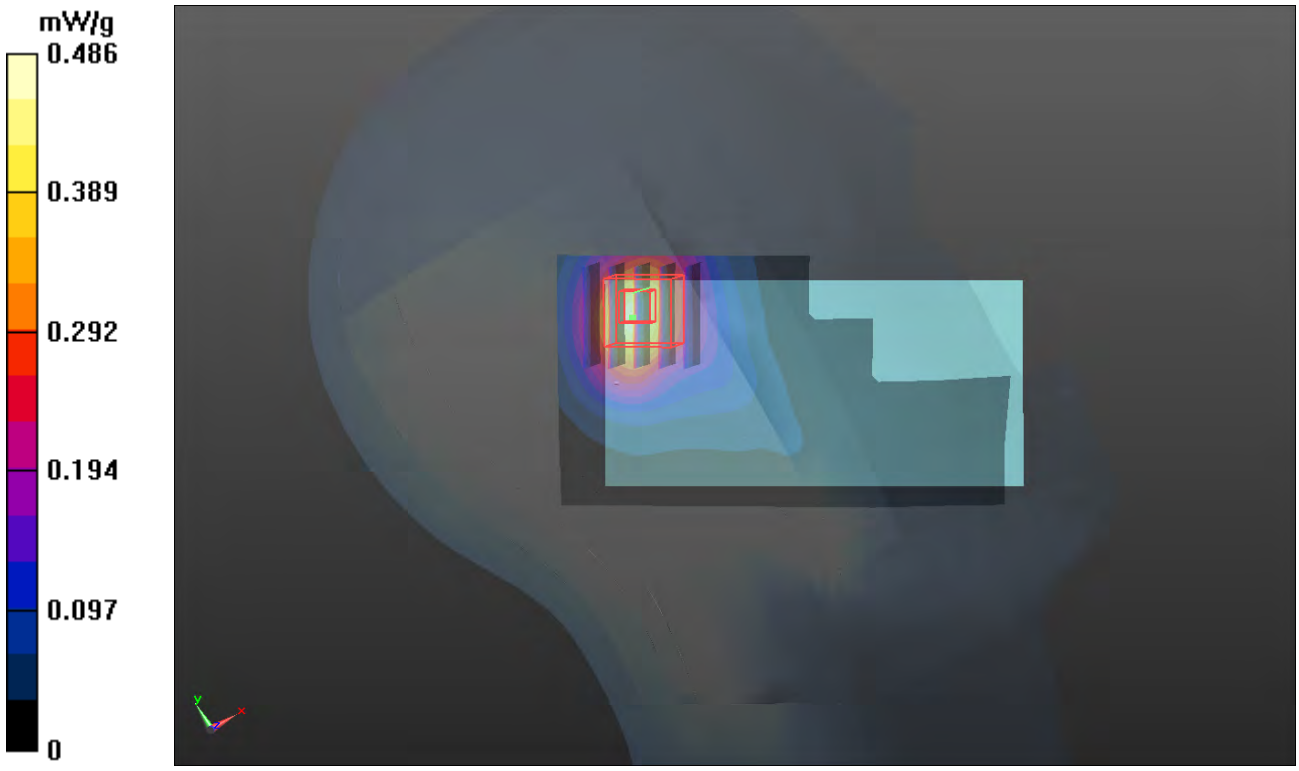
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.839 mho/m; ε_r = 38.066; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.486 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.245 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.6030
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.435 mW/g



P98 802.11b_Left Tilted_Ch6_Sample1

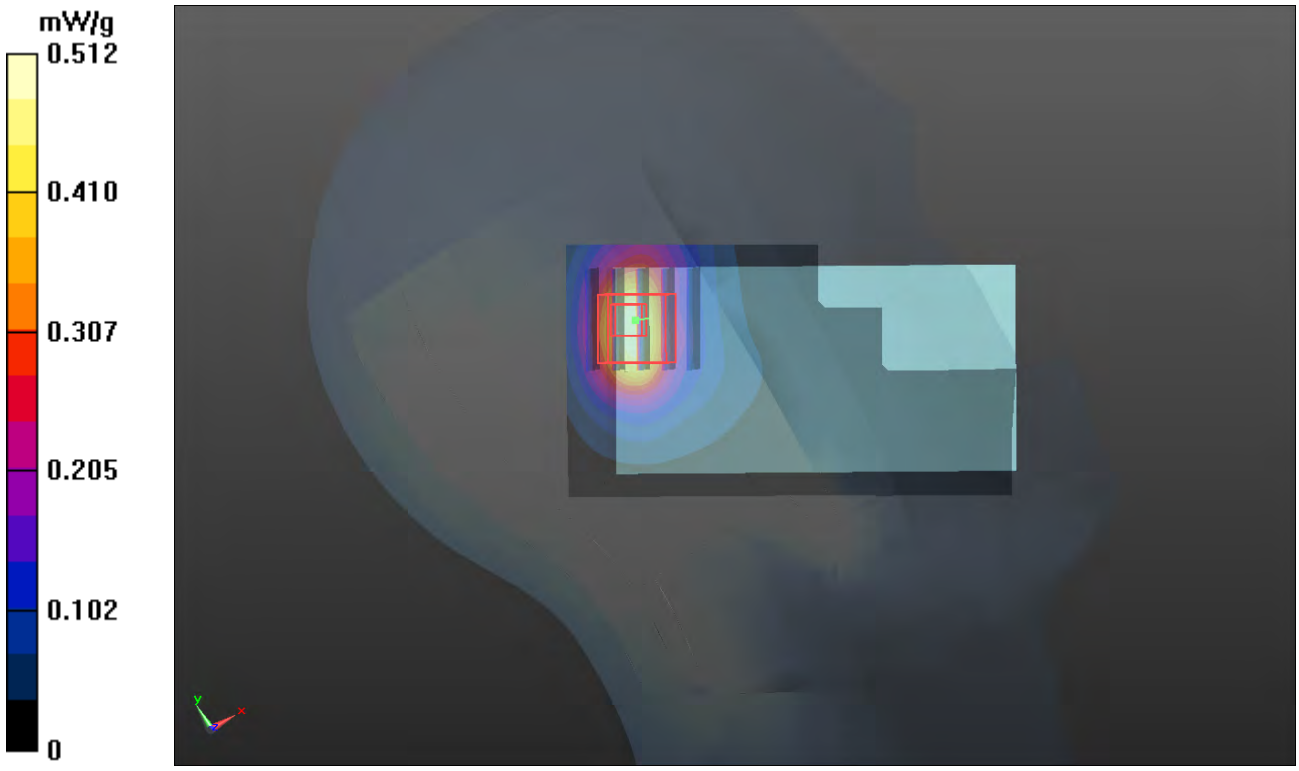
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.839 mho/m; ε_r = 38.066; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.512 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.007 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.6570
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.436 mW/g



P99 802.11b_Right Tilted_Ch6_Sample2

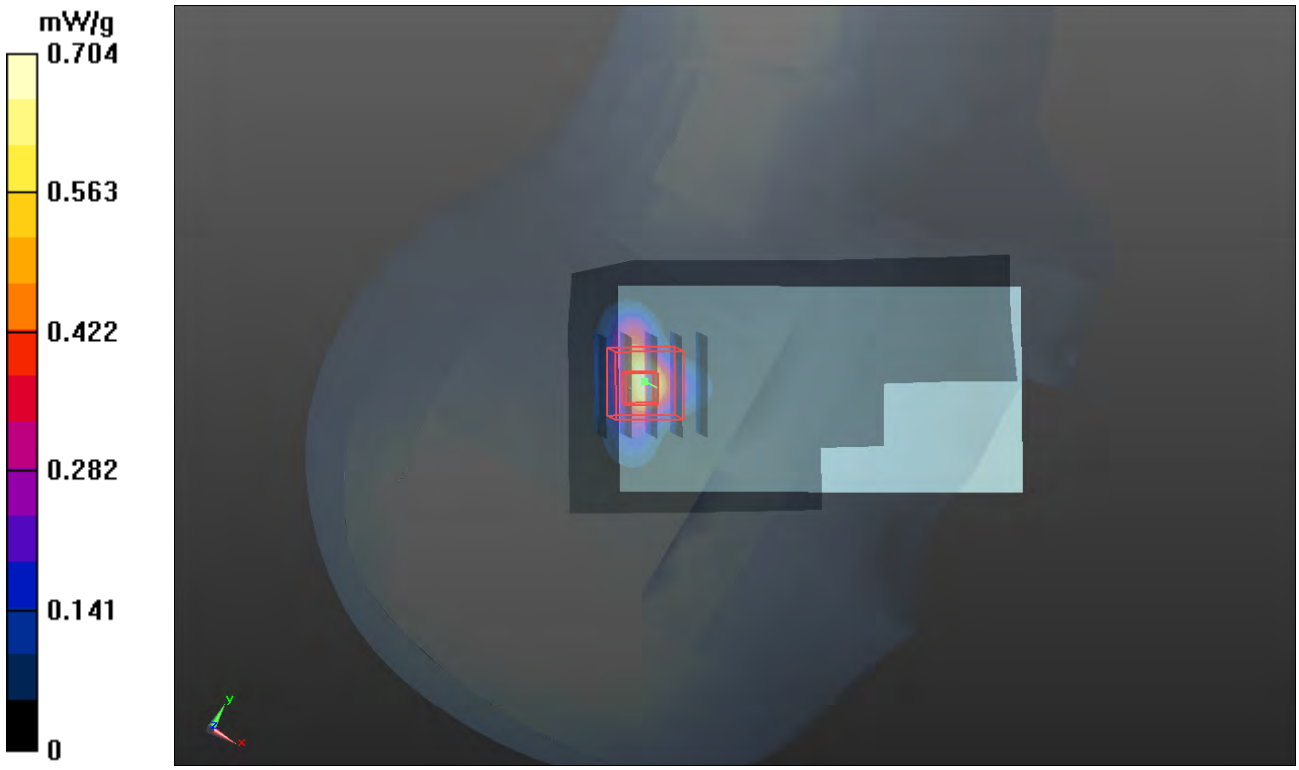
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.839 mho/m; ε_r = 38.066; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- 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)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.966 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.6680
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.483 mW/g



P100 802.11b_Front Face_1cm_Ch6_Sample1

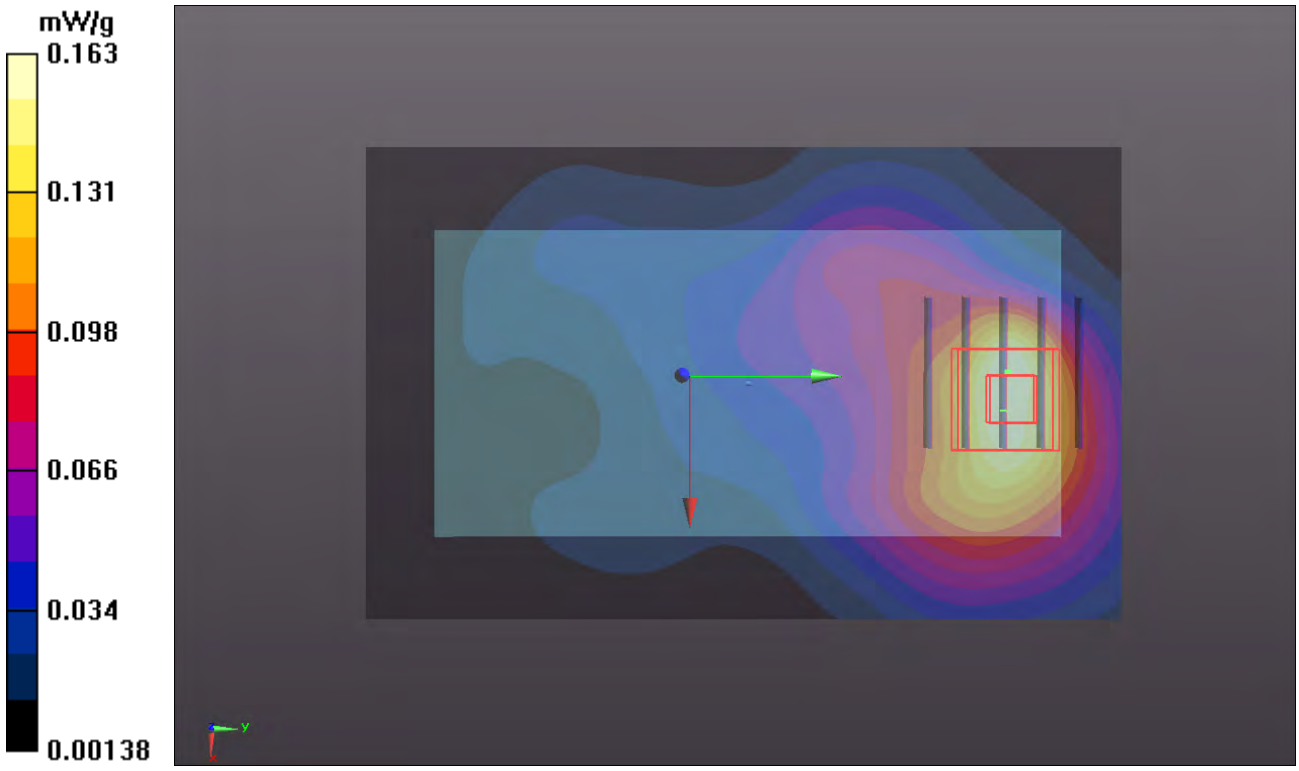
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.648 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.2140
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



P101 802.11b_Rear Face_1cm_Ch6_Sample1

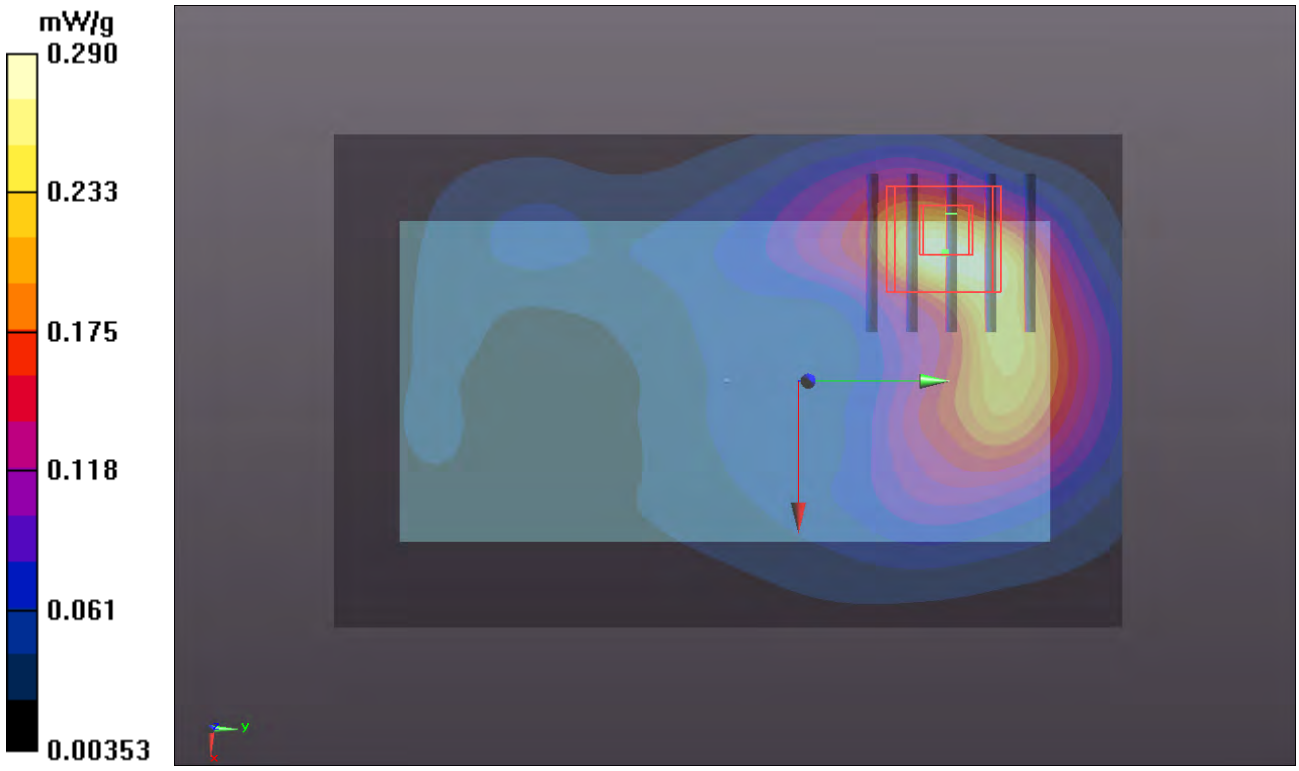
DUT: 120118C07

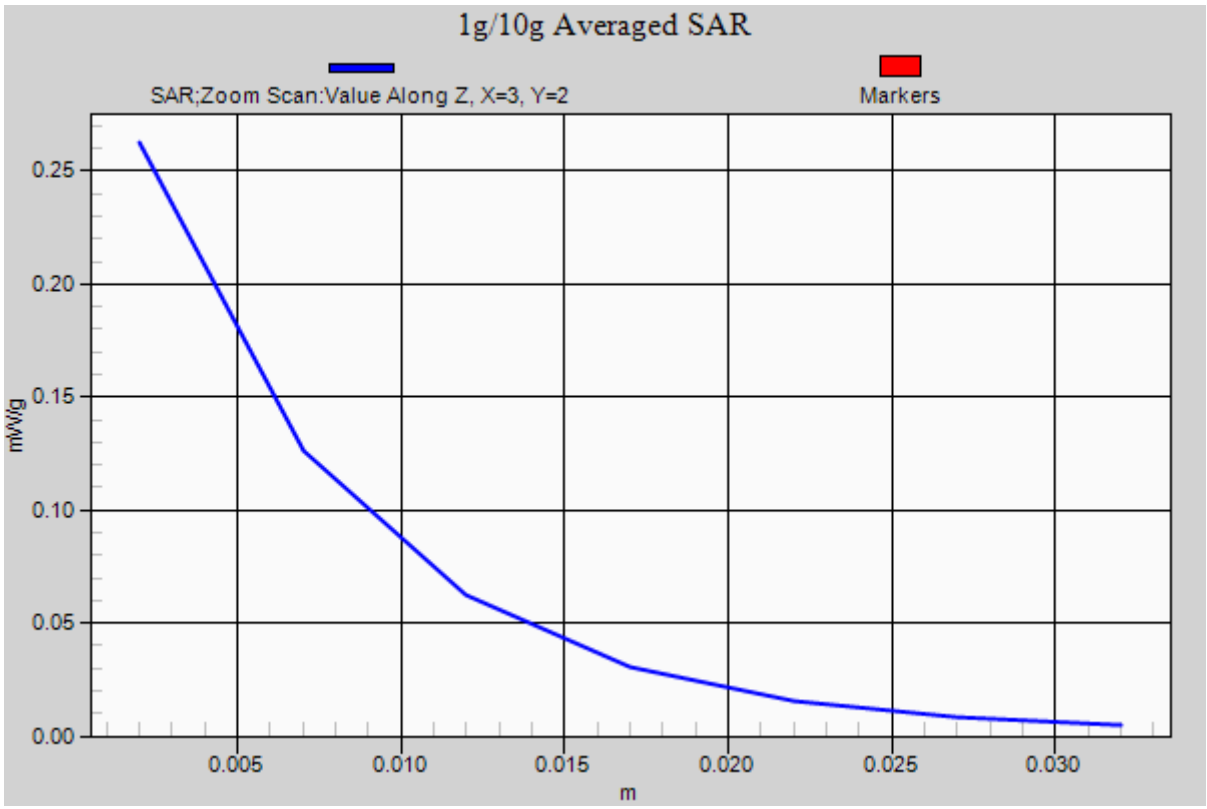
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.290 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.139 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.4030
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.262 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P103 802.11b_Right Side_1cm_Ch6_Sample1

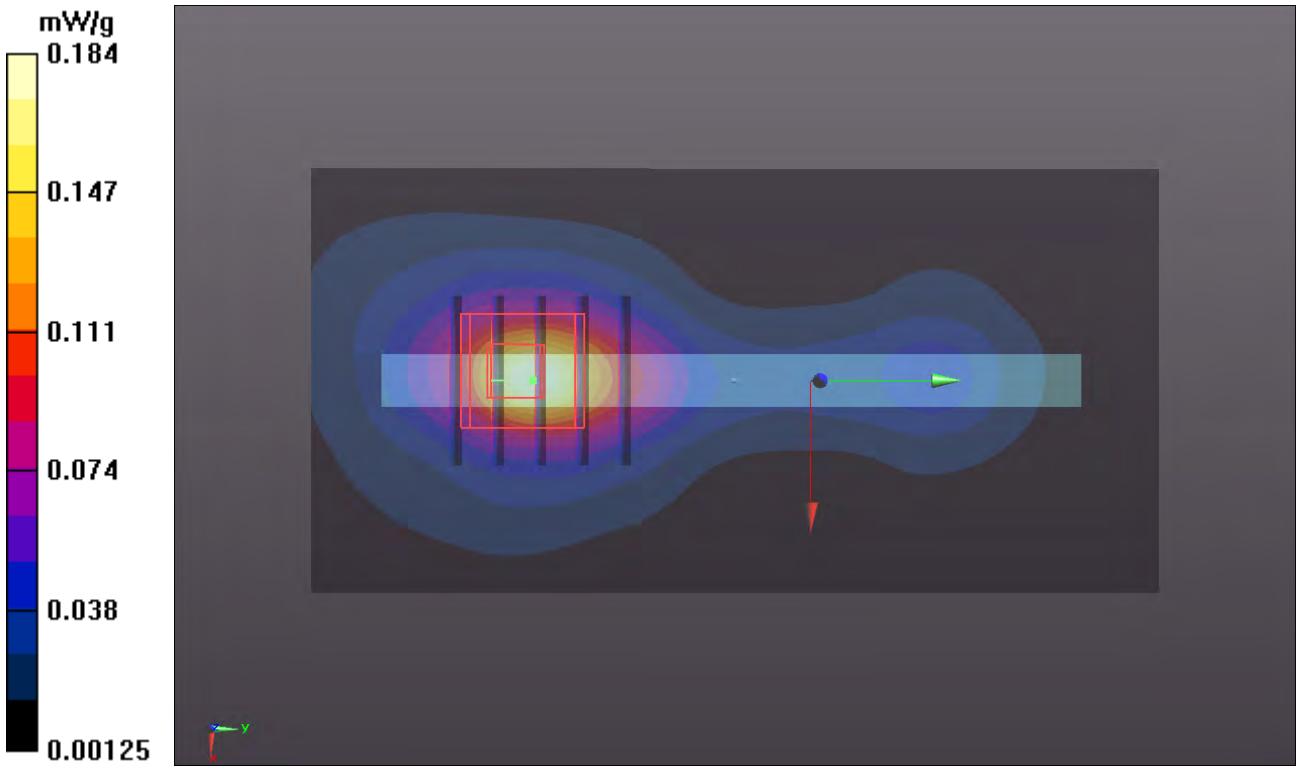
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.084 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.2610
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



P104 802.11b_Top Side_1cm_Ch6_Sample1

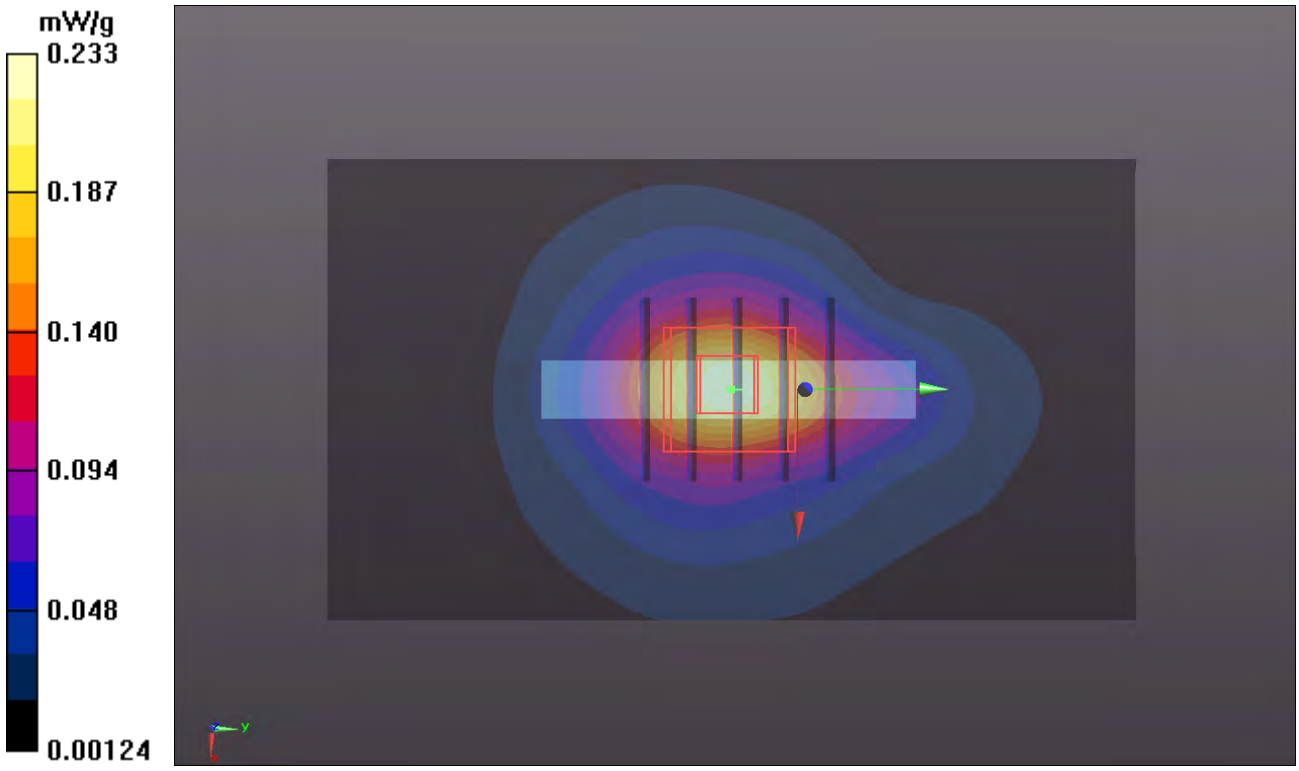
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.605 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.3030
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



P105 802.11b_Rear Face_1cm_Ch6_Sample1_Earphone1

DUT: 120118C07

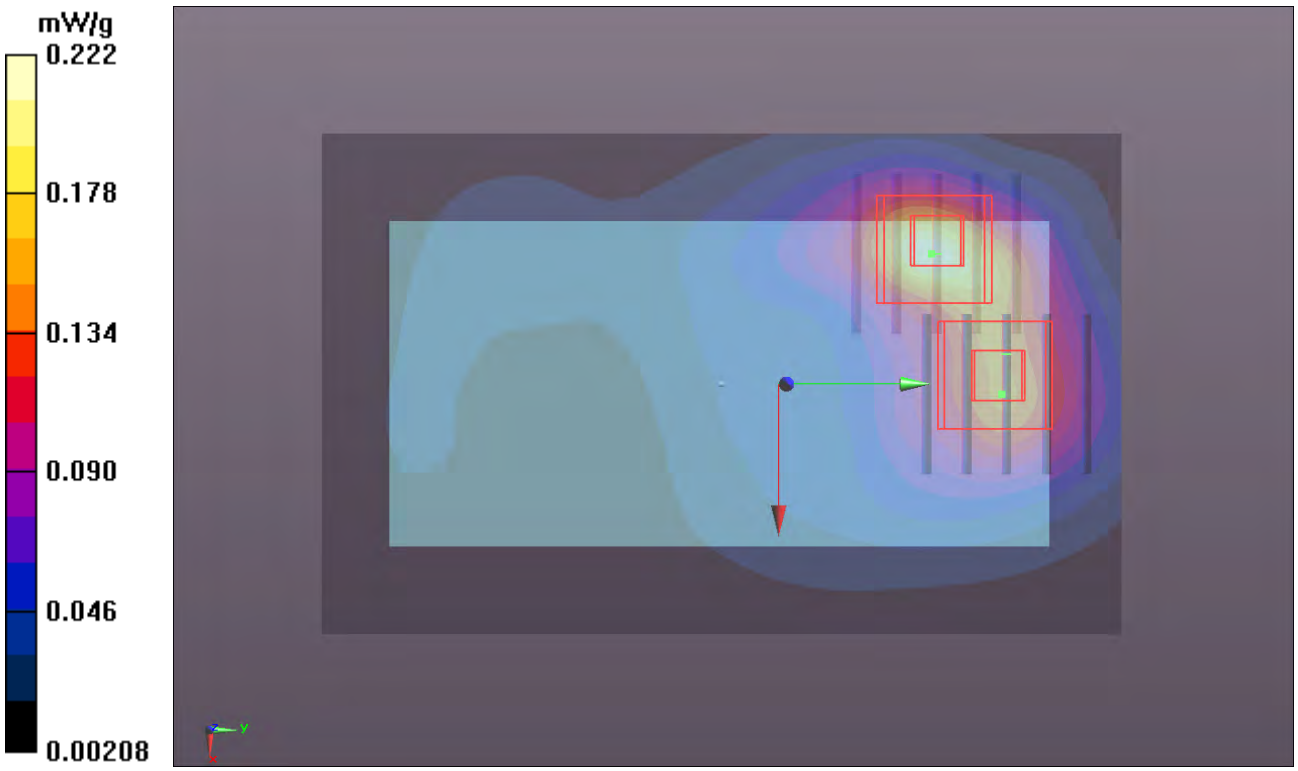
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.222 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.185 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.3100
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.207 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.185 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.2020
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



P106 802.11b_Rear Face_1cm_Ch6_Sample2

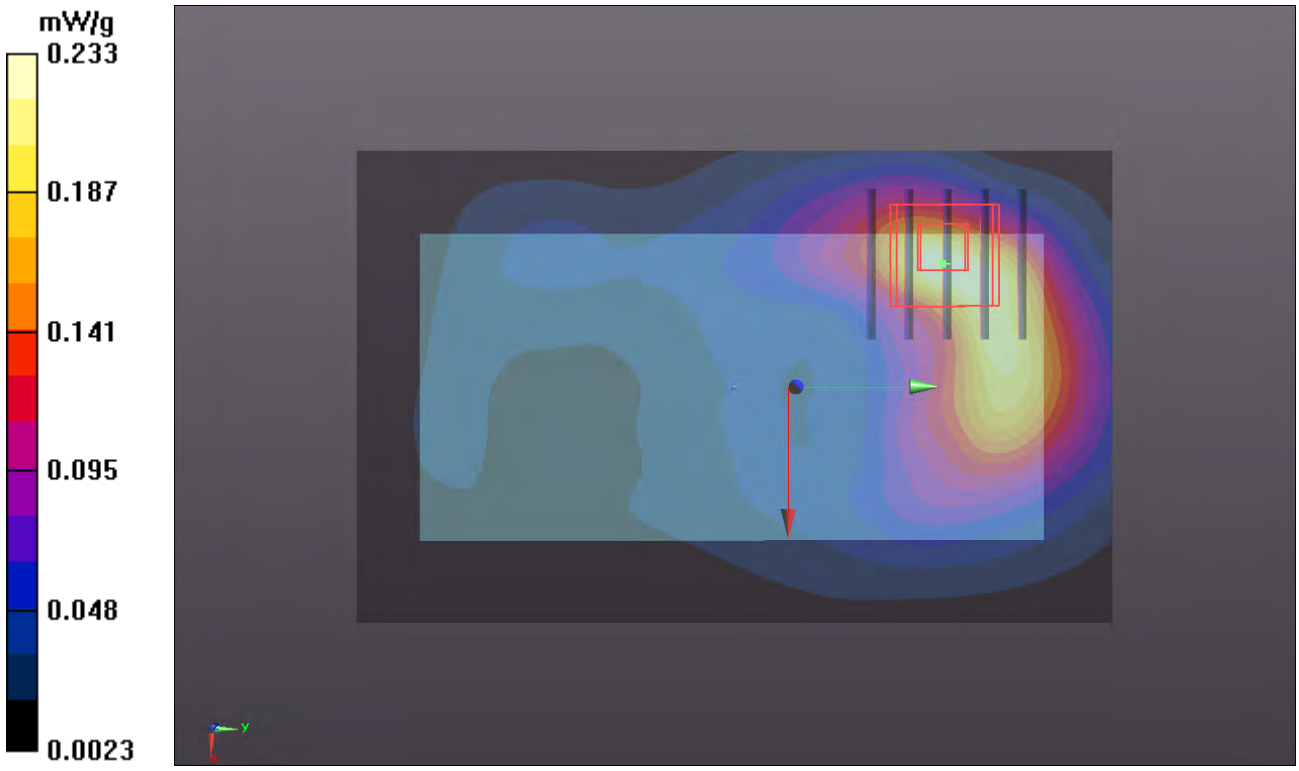
DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.395 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.3200
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.214 mW/g



P107 802.11b_Rear Face_1cm_Ch6_Sample1_Earphone2

DUT: 120118C07

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0212 Medium parameters used: f = 2437 MHz; σ = 1.959 mho/m; ε_r = 50.983; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 2012/01/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.510 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.3310
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.206 mW/g