Appendix B. SAR Plots of SAR Measurement

The plots for SAR measurement are shown as follows.

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P66 GSM850_GPRS12_Right Cheek_Ch128

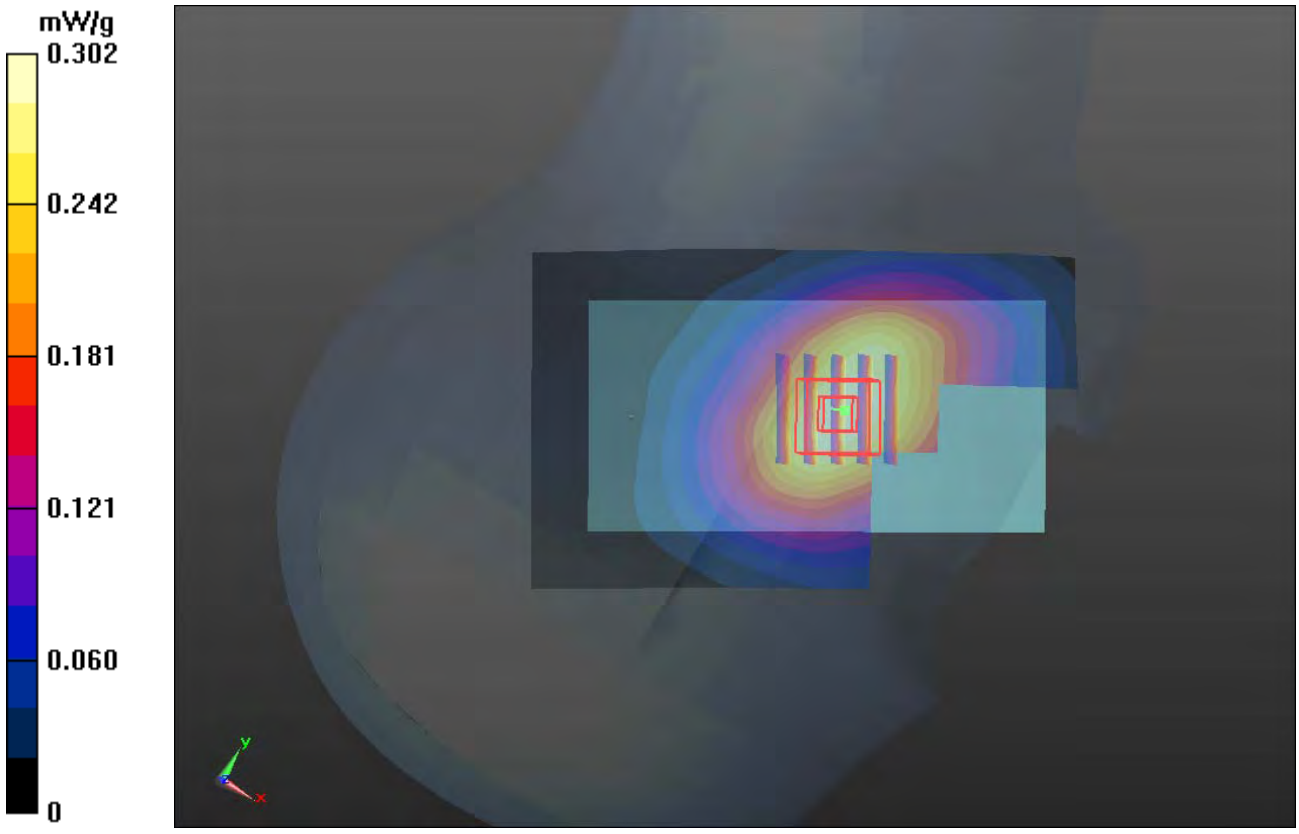
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: H835_0803 Medium parameters used: f = 824.2 MHz; σ = 0.906 mho/m; ε_r = 42.942; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.302 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.585 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.331 mW/g
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.307 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P68 GSM850_GPRS12_Right Tilted_Ch128

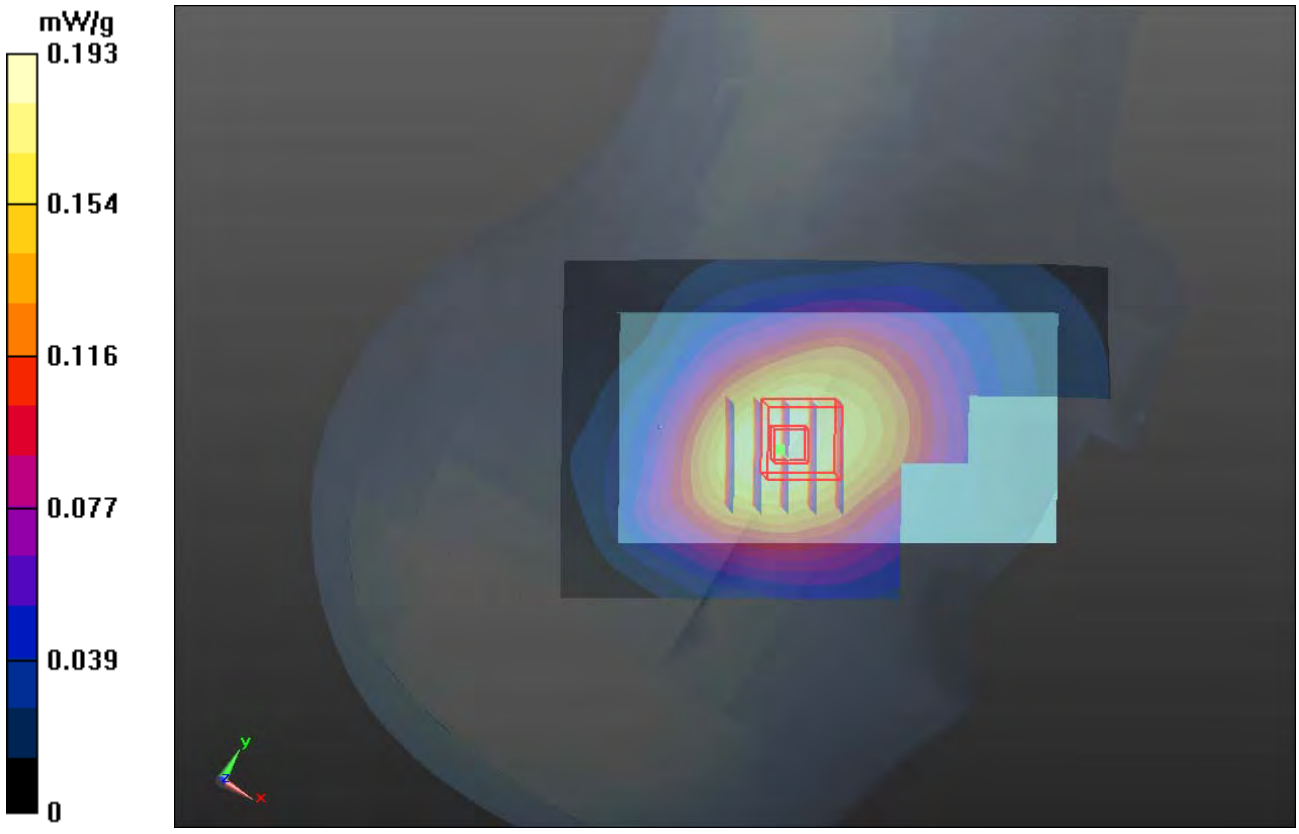
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: H835_0803 Medium parameters used: f = 824.2 MHz; σ = 0.906 mho/m; ε_r = 42.942; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.193 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.235 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.181 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.169 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P69 GSM850_GPRS12_Left Cheek_Ch128

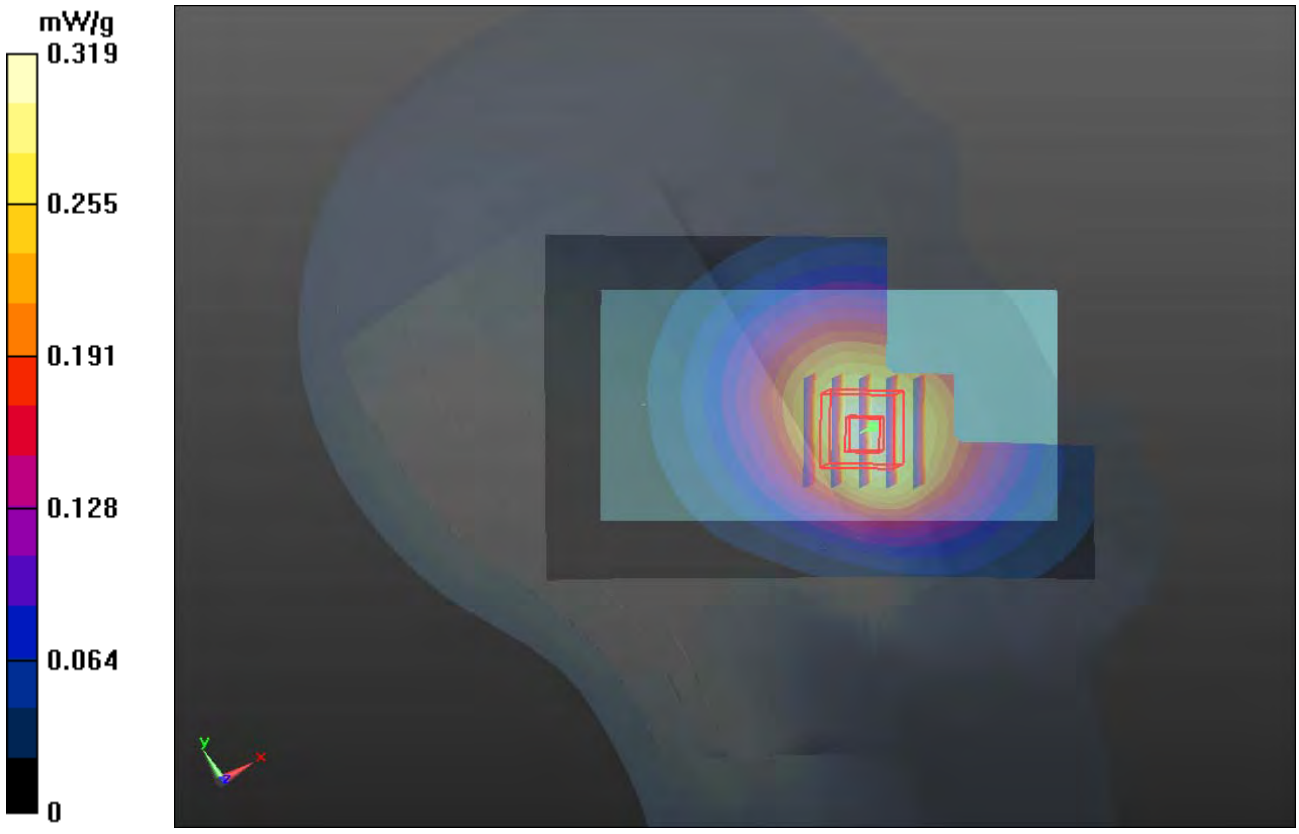
DUT: 120717C01

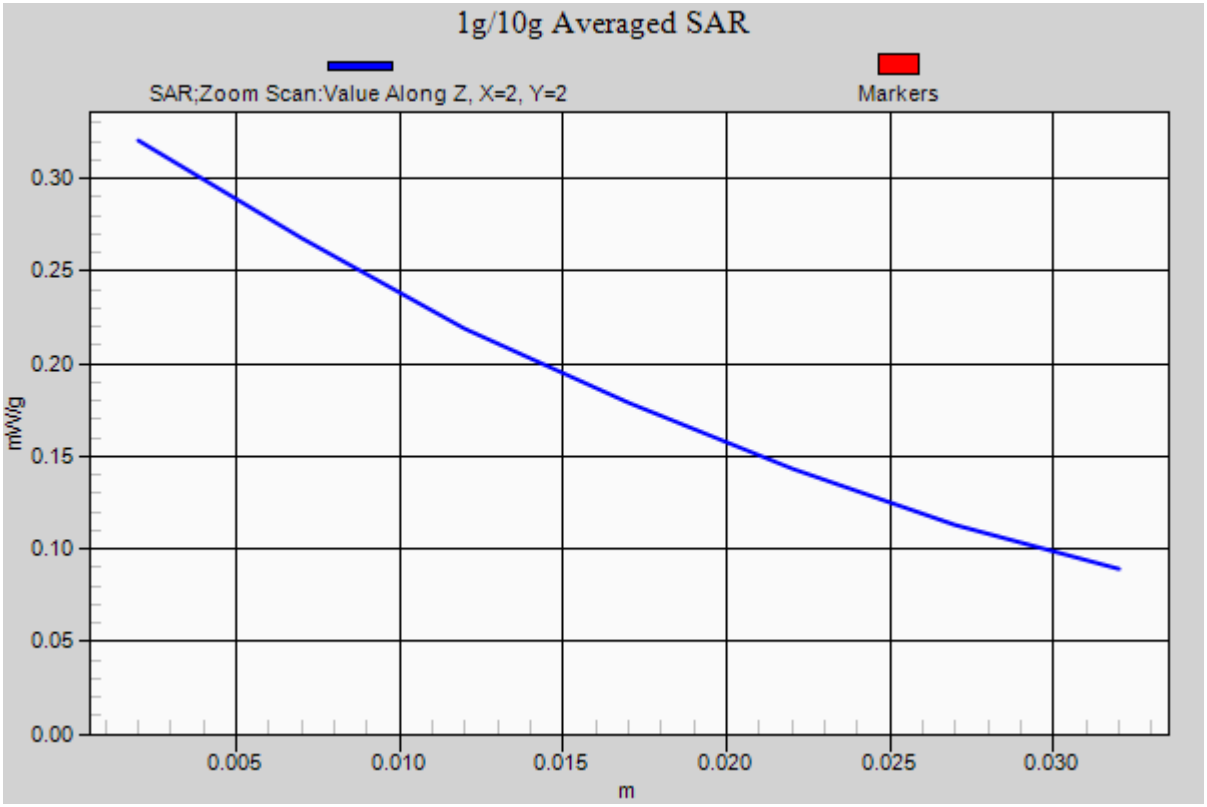
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: H835_0803 Medium parameters used: f = 824.2 MHz; σ = 0.906 mho/m; ε_r = 42.942; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.319 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.961 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.354 mW/g
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.320 mW/g




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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P70 GSM850_GPRS12_Left Tilted_Ch128

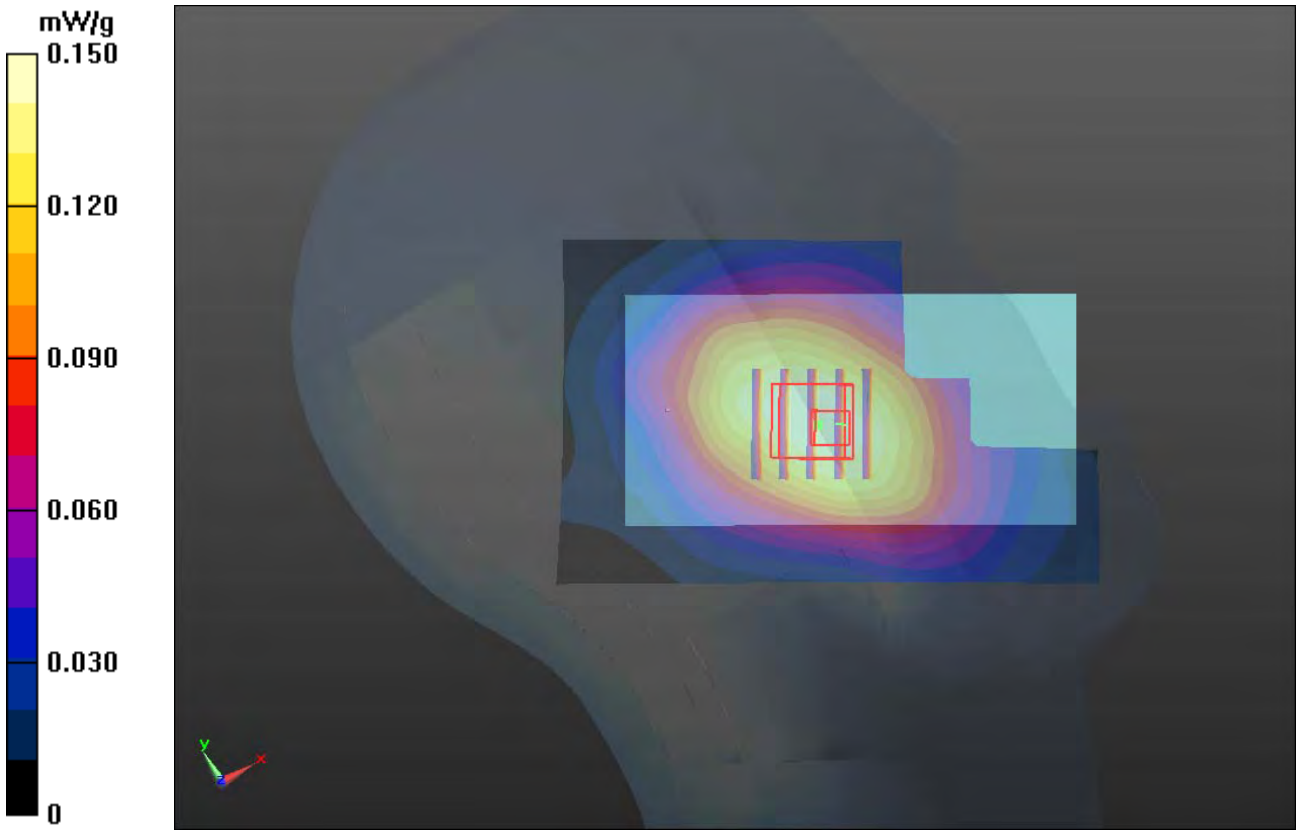
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: H835_0803 Medium parameters used: f = 824.2 MHz; σ = 0.906 mho/m; ε_r = 42.942; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.150 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.432 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.161 mW/g
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.148 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P71 GSM1900_GPRS12_Right Cheek_Ch512

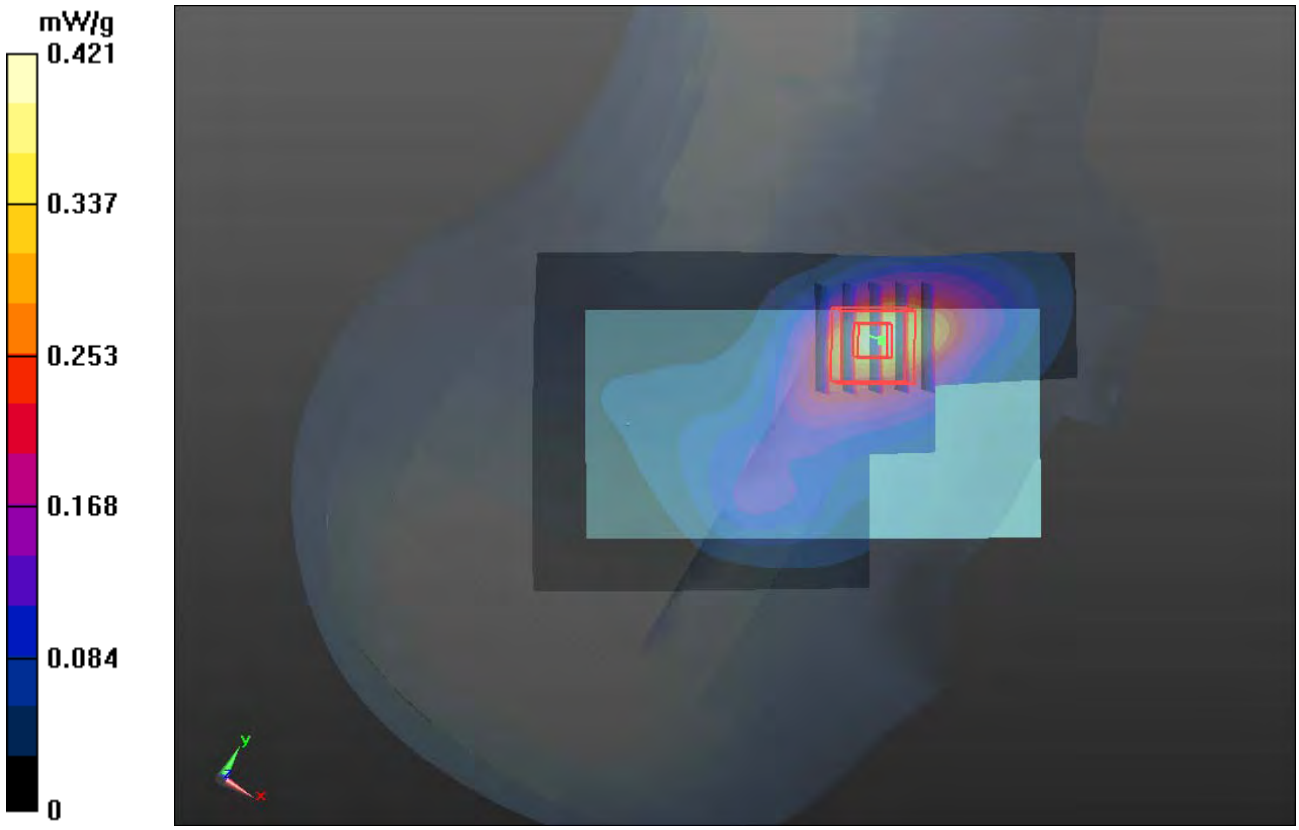
DUT: 120717C01

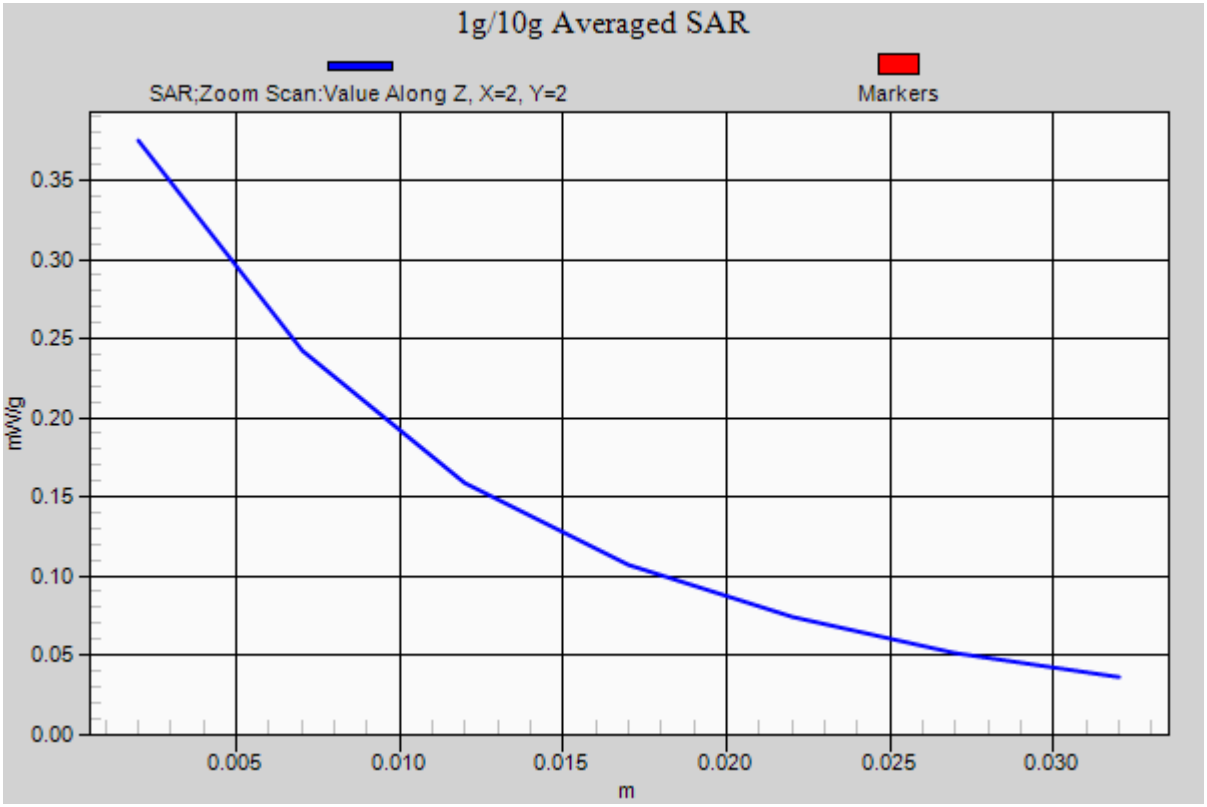
Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: H1900_0803 Medium parameters used: f = 1850.2 MHz; σ = 1.382 mho/m; ε_r = 39.979; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.421 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.526 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.460 mW/g
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.375 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
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: 2012/08/03

P73 GSM1900_GPRS12_Right Tilted_Ch512

DUT: 120717C01

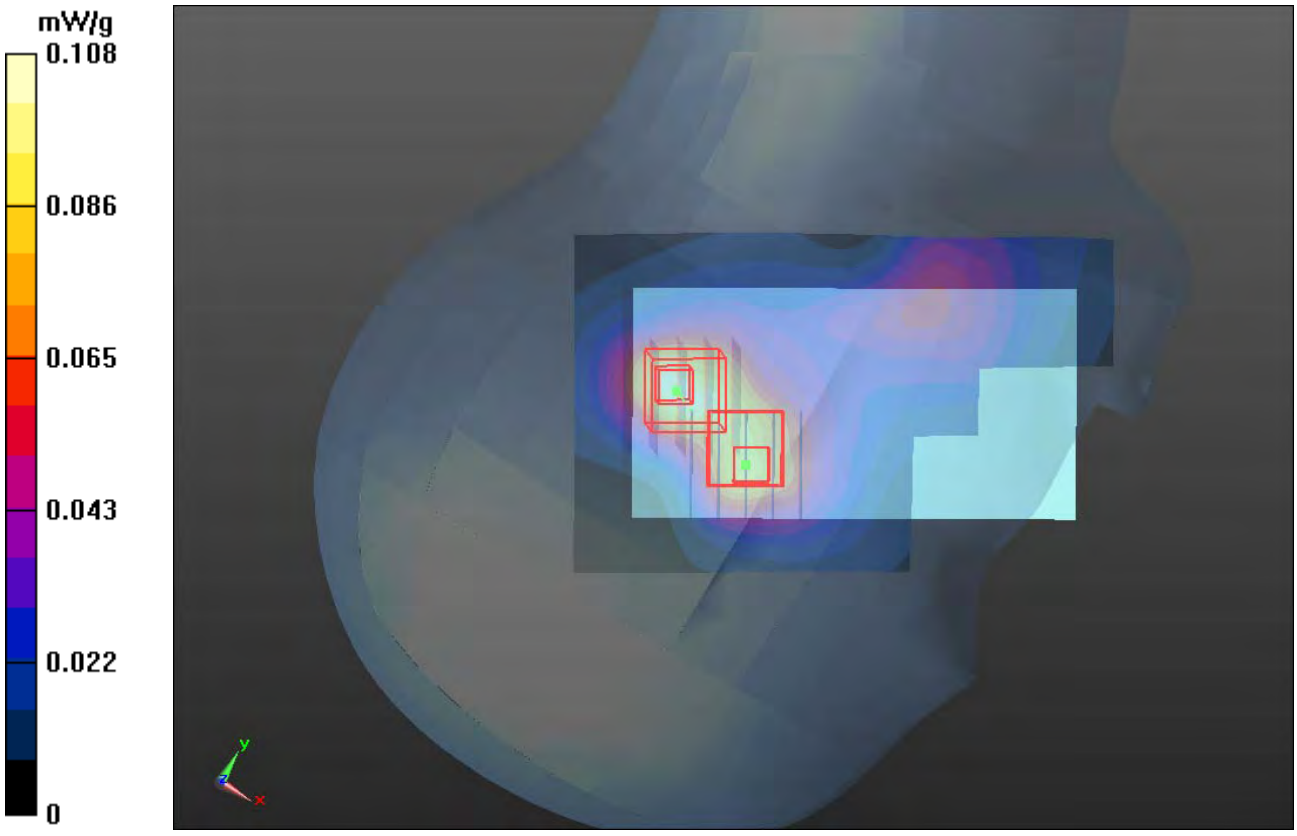
Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: H1900_0803 Medium parameters used: f = 1850.2 MHz; σ = 1.382 mho/m; ε_r = 39.979; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.108 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.469 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.126 mW/g
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.102 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.469 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.097 mW/g
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.0860 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P74 GSM1900_GPRS12_Left Cheek_Ch512

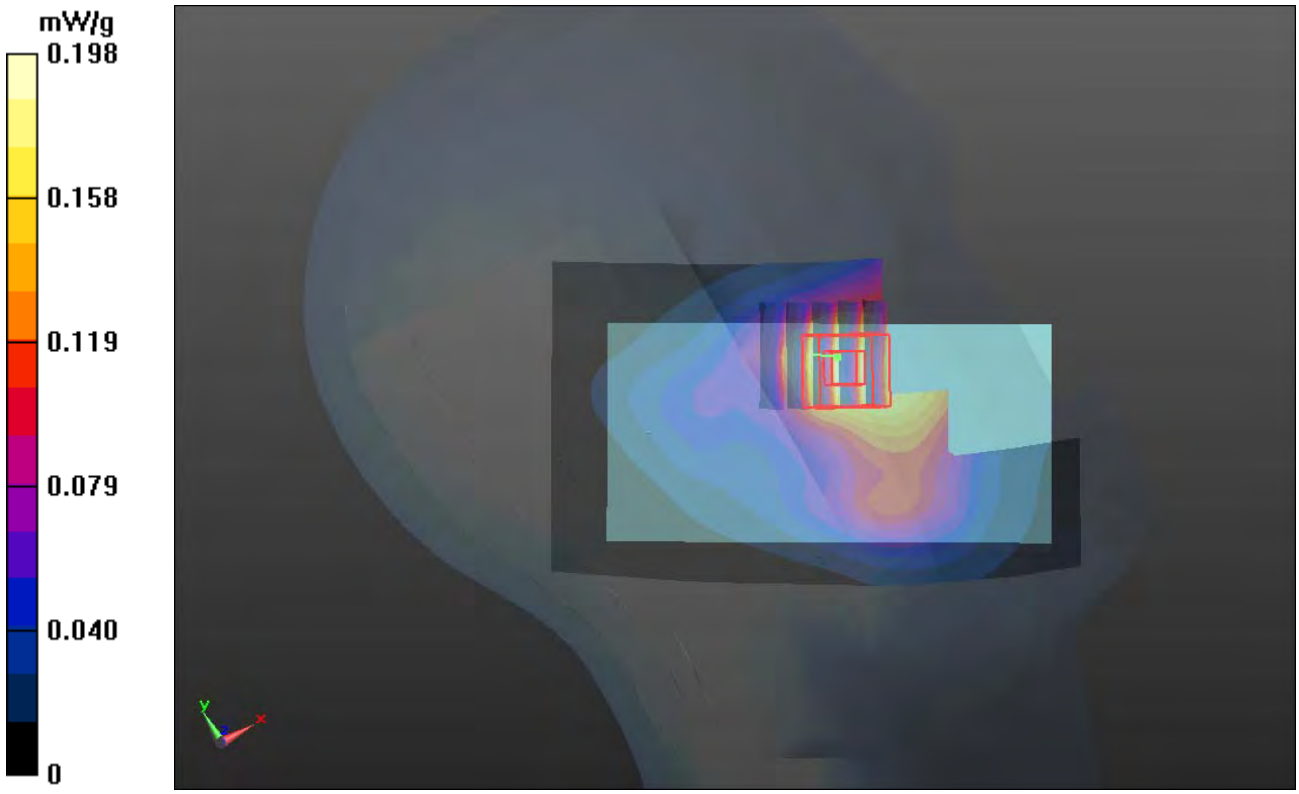
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: H1900_0803 Medium parameters used: f = 1850.2 MHz; σ = 1.382 mho/m; ε_r = 39.979; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.198 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.419 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.272 mW/g
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.221 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P75 GSM1900_GPRS12_Left Tilted_Ch512

DUT: 120717C01

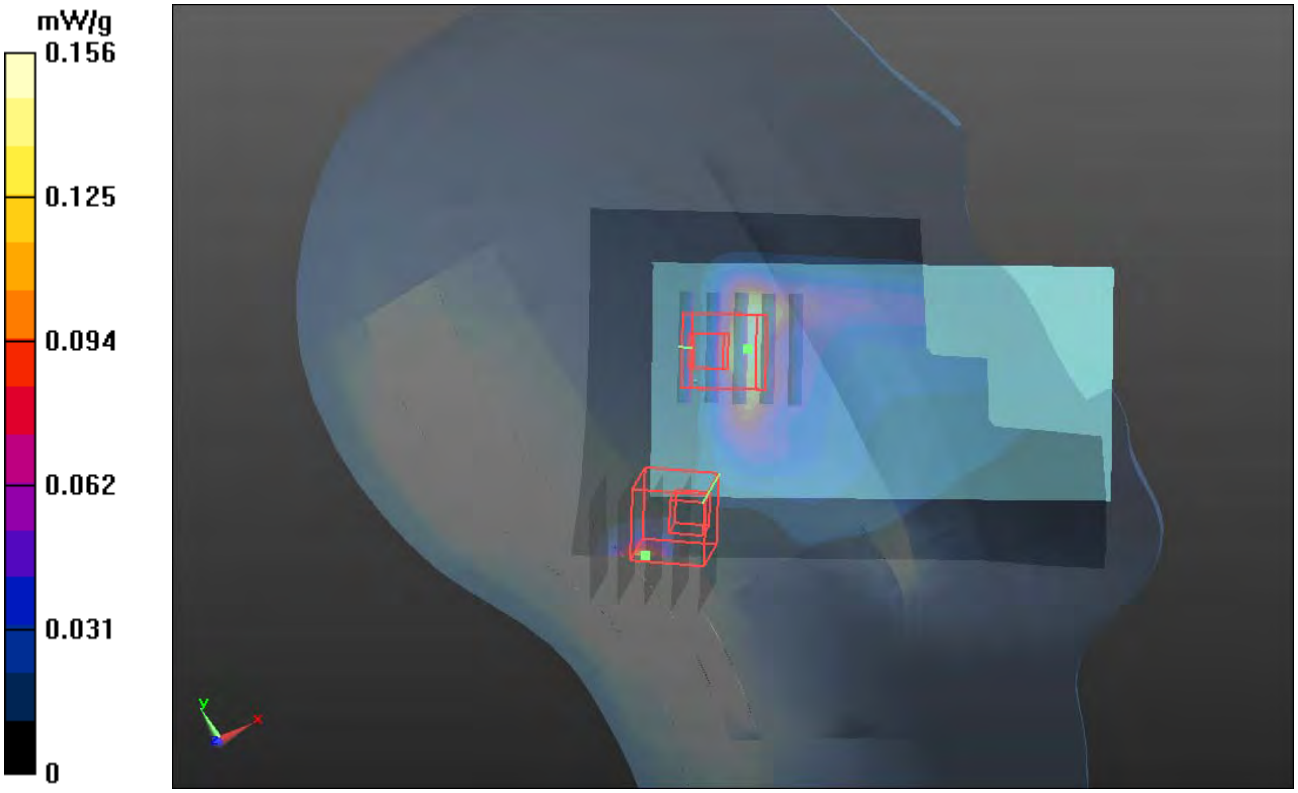
Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: H1900_0803 Medium parameters used: f = 1850.2 MHz; σ = 1.382 mho/m; ε_r = 39.979; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.598 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.140 mW/g
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.114 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.598 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.013 mW/g
SAR(1 g) = 0.00427 mW/g; SAR(10 g) = 0.00366 mW/g
Maximum value of SAR (measured) = 0.0105 mW/g



P76 WCDMA V_RMC12.2K_Right Cheek_Ch4132

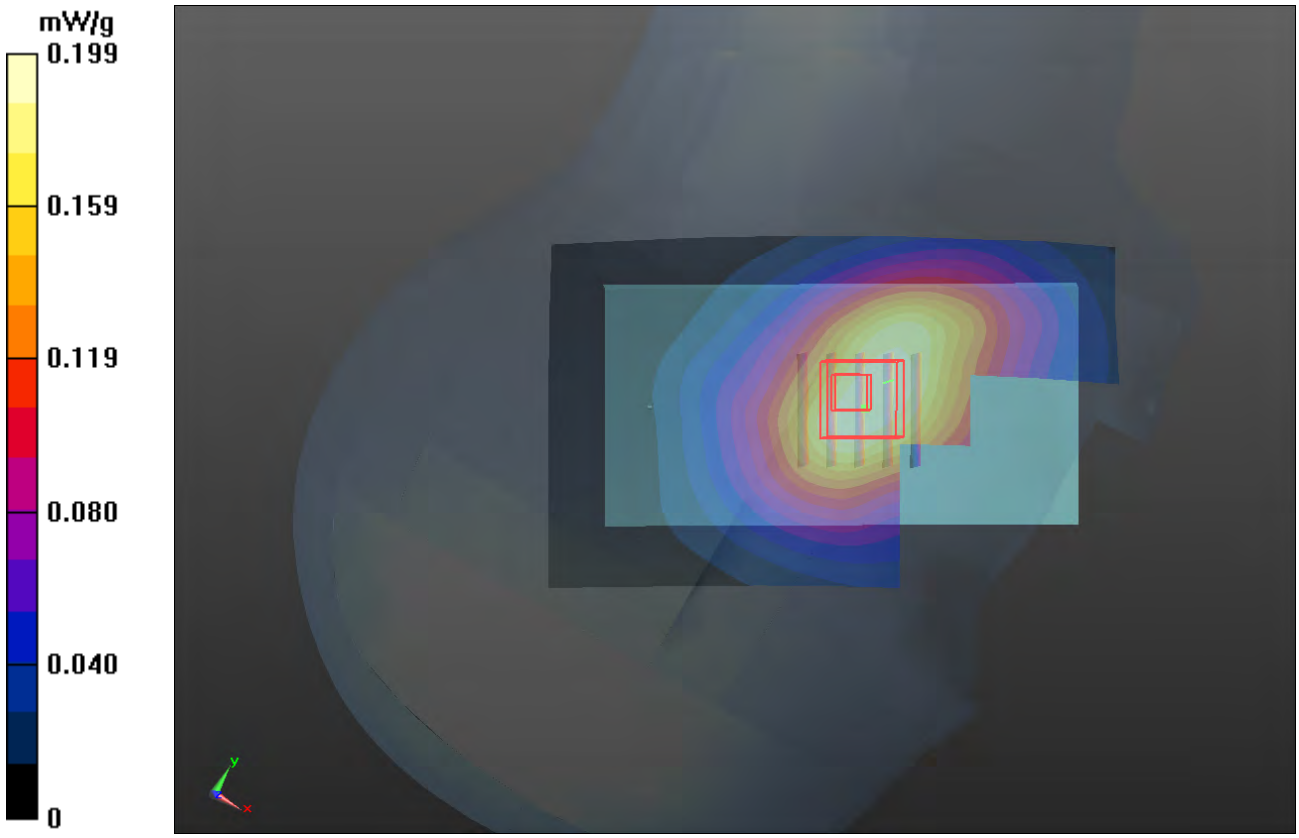
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0804 Medium parameters used: f = 826.4 MHz; σ = 0.901 mho/m; ε_r = 42.454; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.629 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.250 mW/g
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



P78 WCDMA V_RMC12.2K_Right Tilted_Ch4132

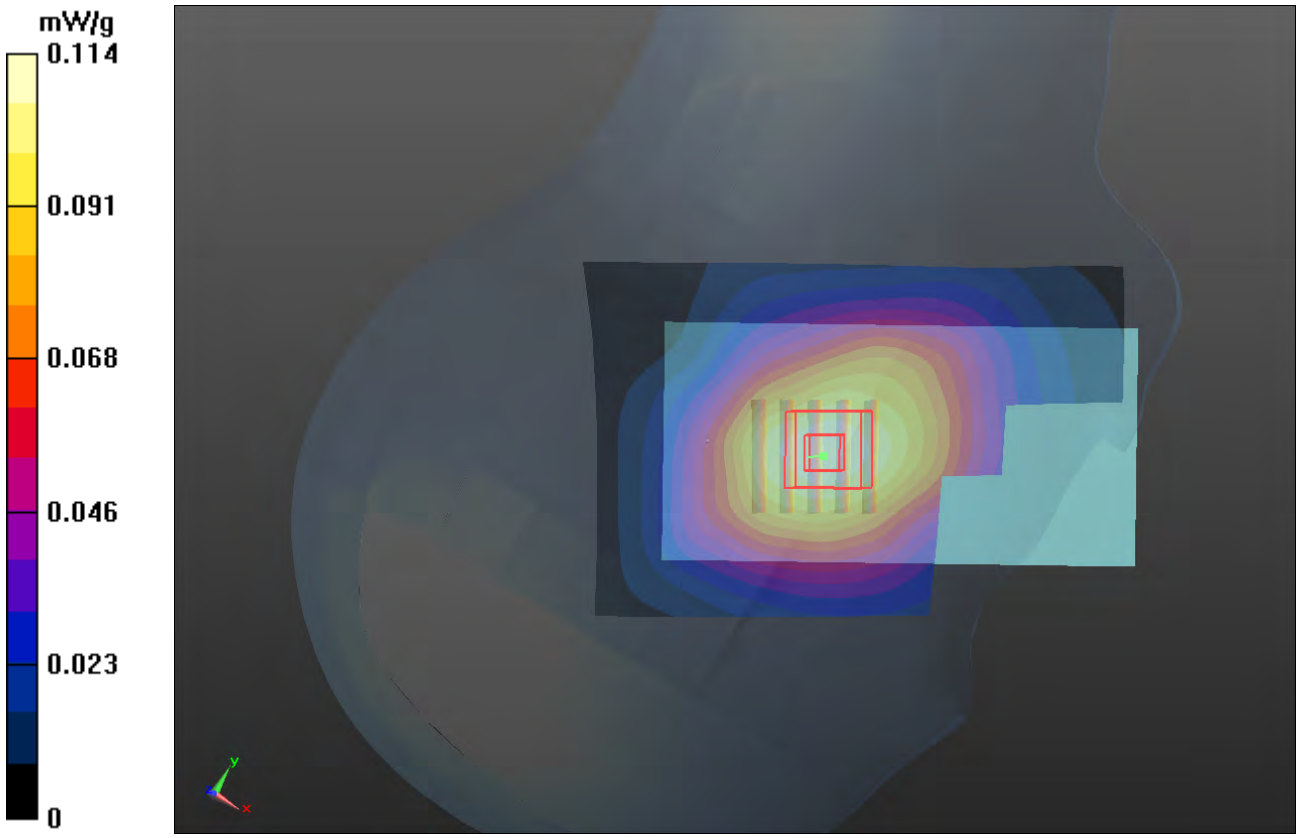
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0804 Medium parameters used: f = 826.4 MHz; σ = 0.901 mho/m; ε_r = 42.454; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.114 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.668 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.121 mW/g



P79 WCDMA V_RMC12.2K_Left Cheek_Ch4132

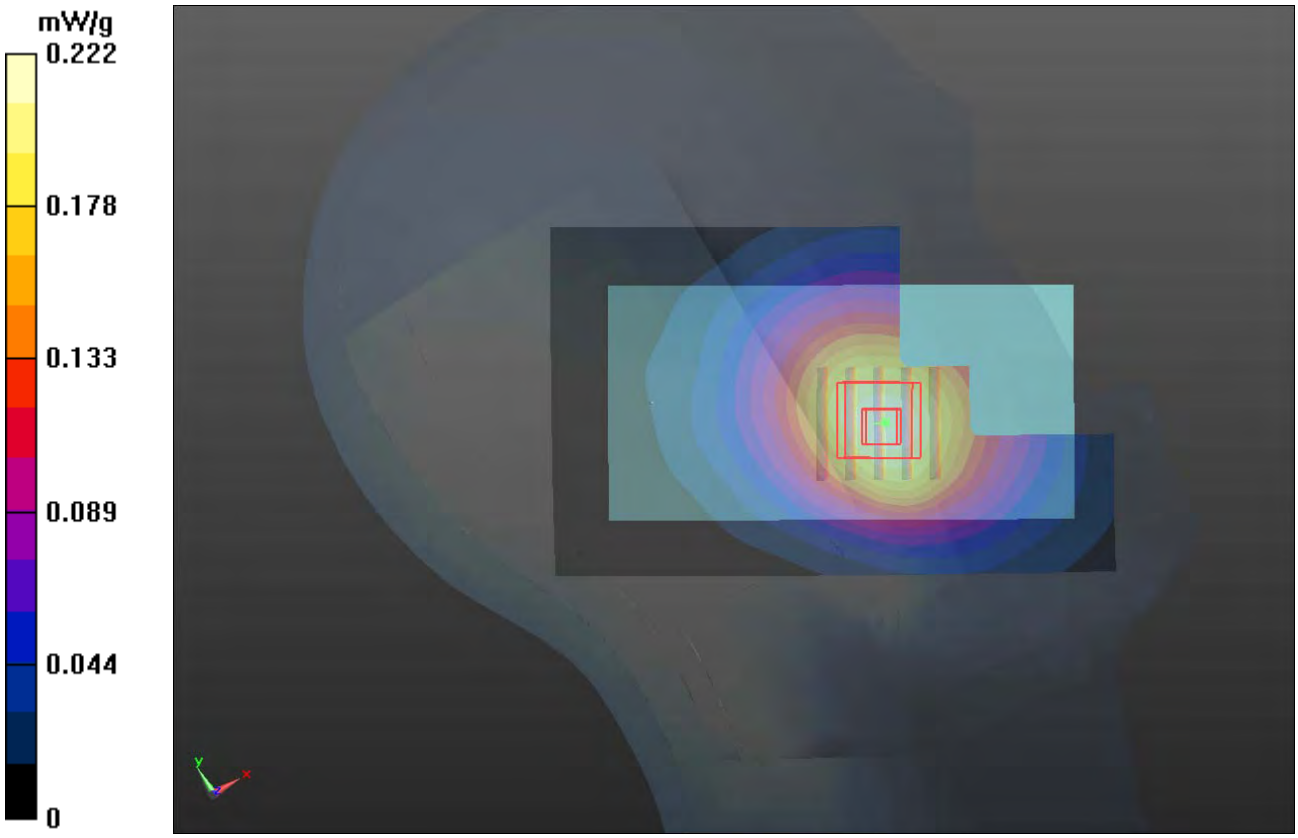
DUT: 120717C01

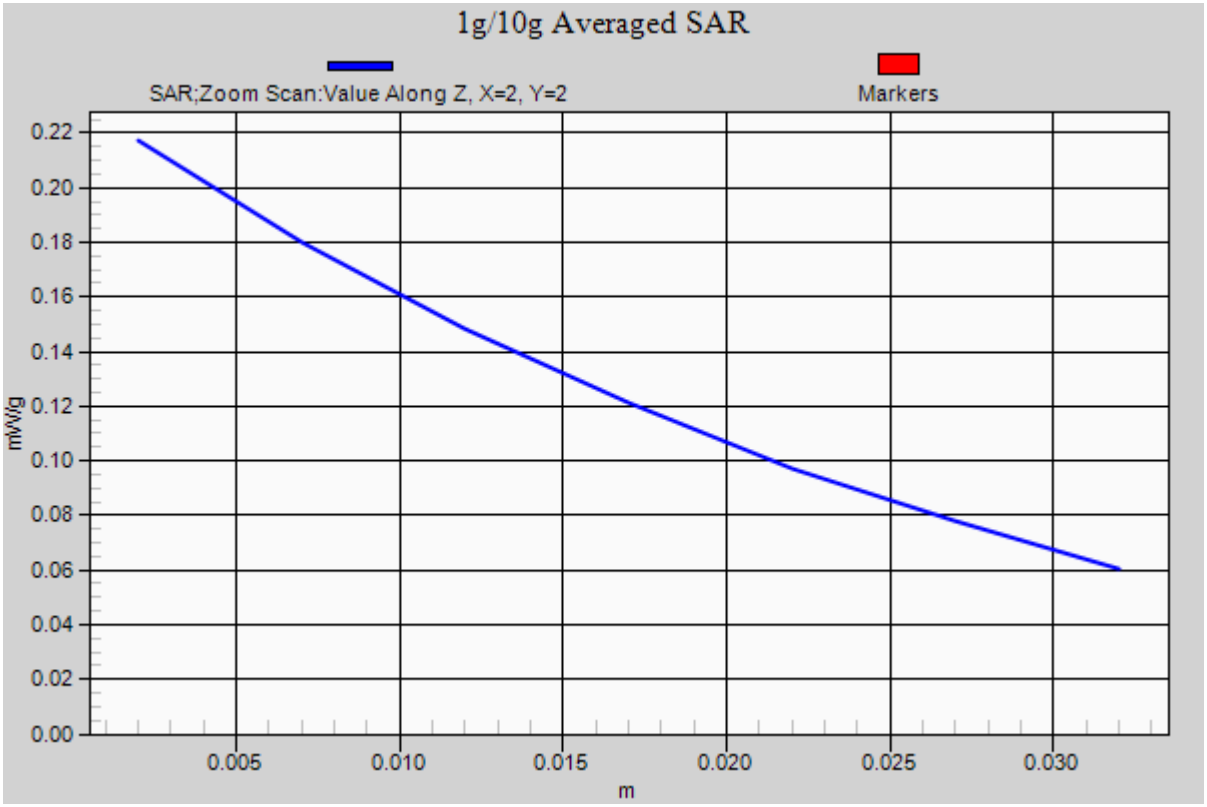
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0804 Medium parameters used: f = 826.4 MHz; σ = 0.901 mho/m; ε_r = 42.454; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.222 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.009 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.239 mW/g
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.217 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

P80 WCDMA V_RMC12.2K_Left Tilted_Ch4132

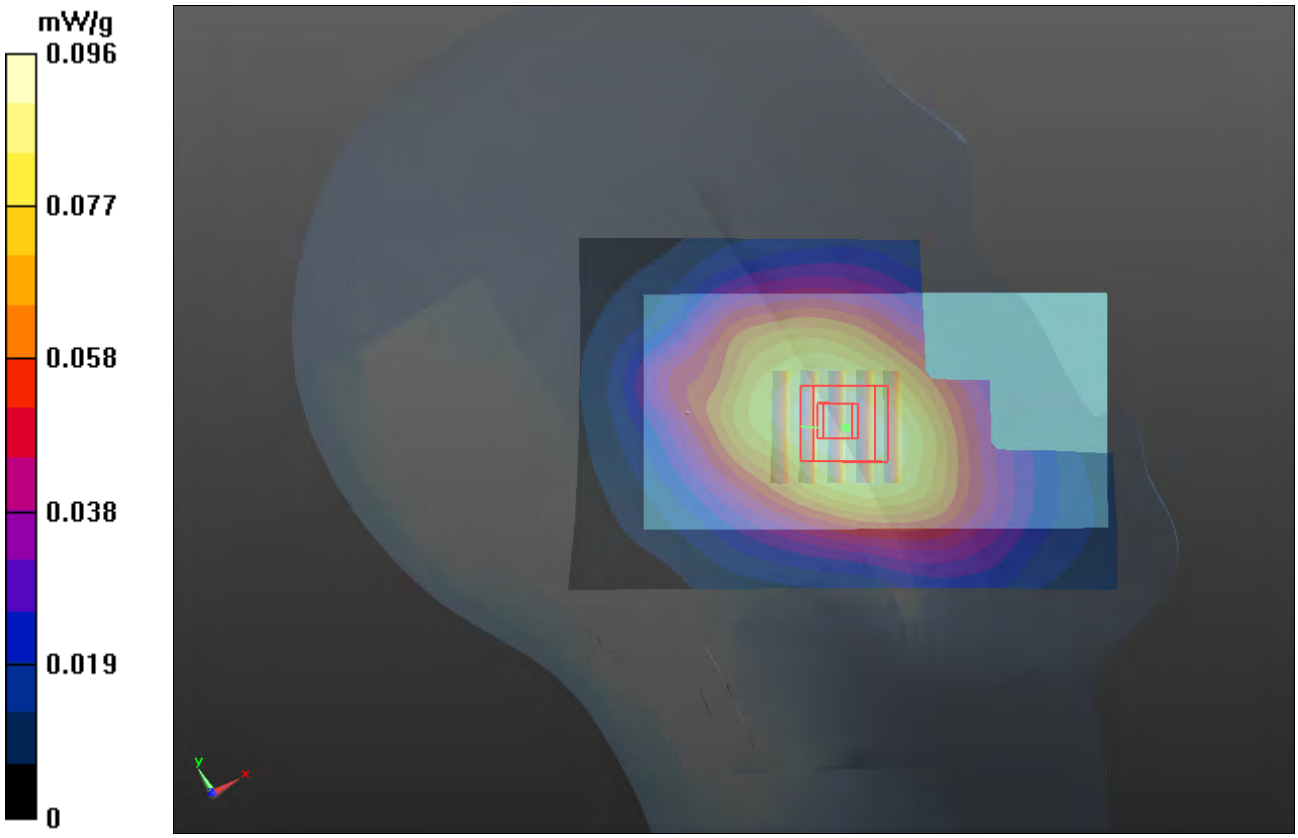
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: H835_0804 Medium parameters used: f = 826.4 MHz; σ = 0.901 mho/m; ε_r = 42.454; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.8

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0960 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.053 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.104 mW/g
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.0951 mW/g



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

P82 WCDMA II_RMC12.2K_Right Cheek_Ch9538

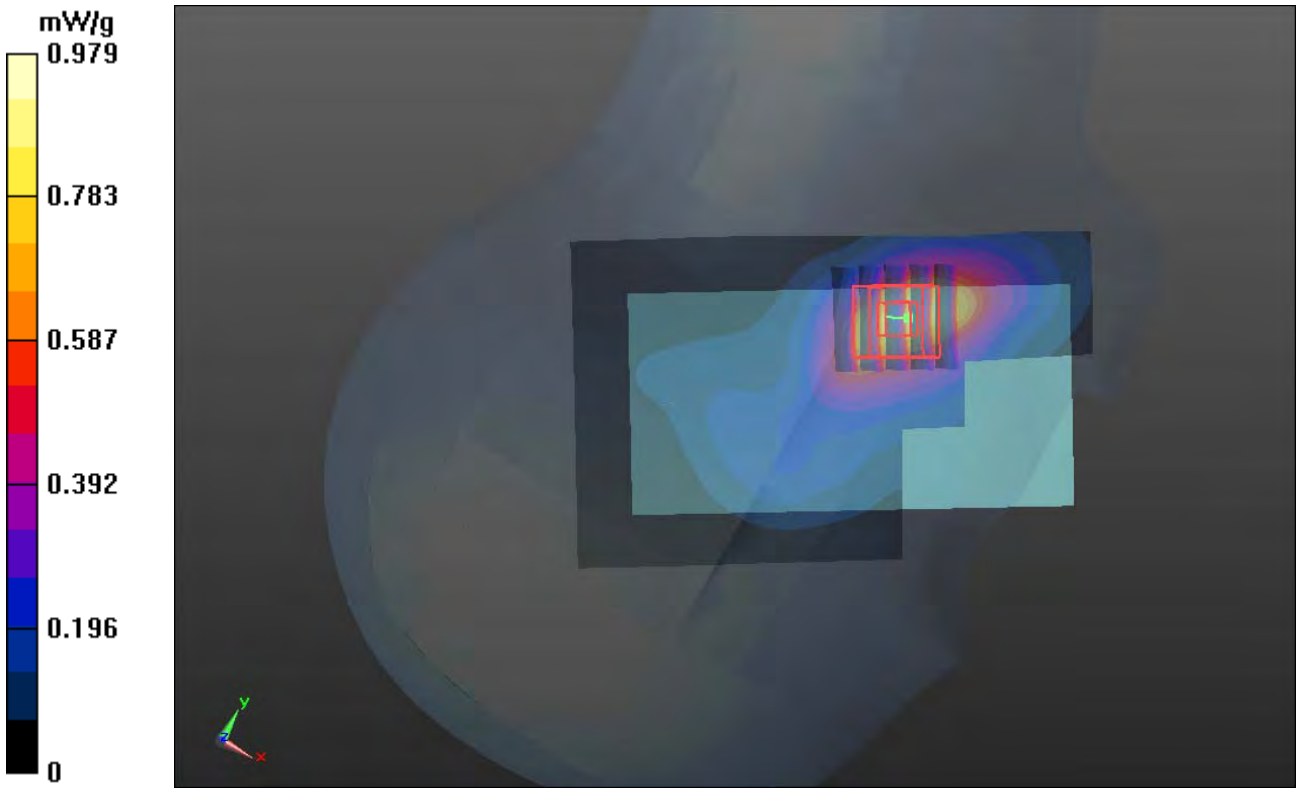
DUT: 120717C01

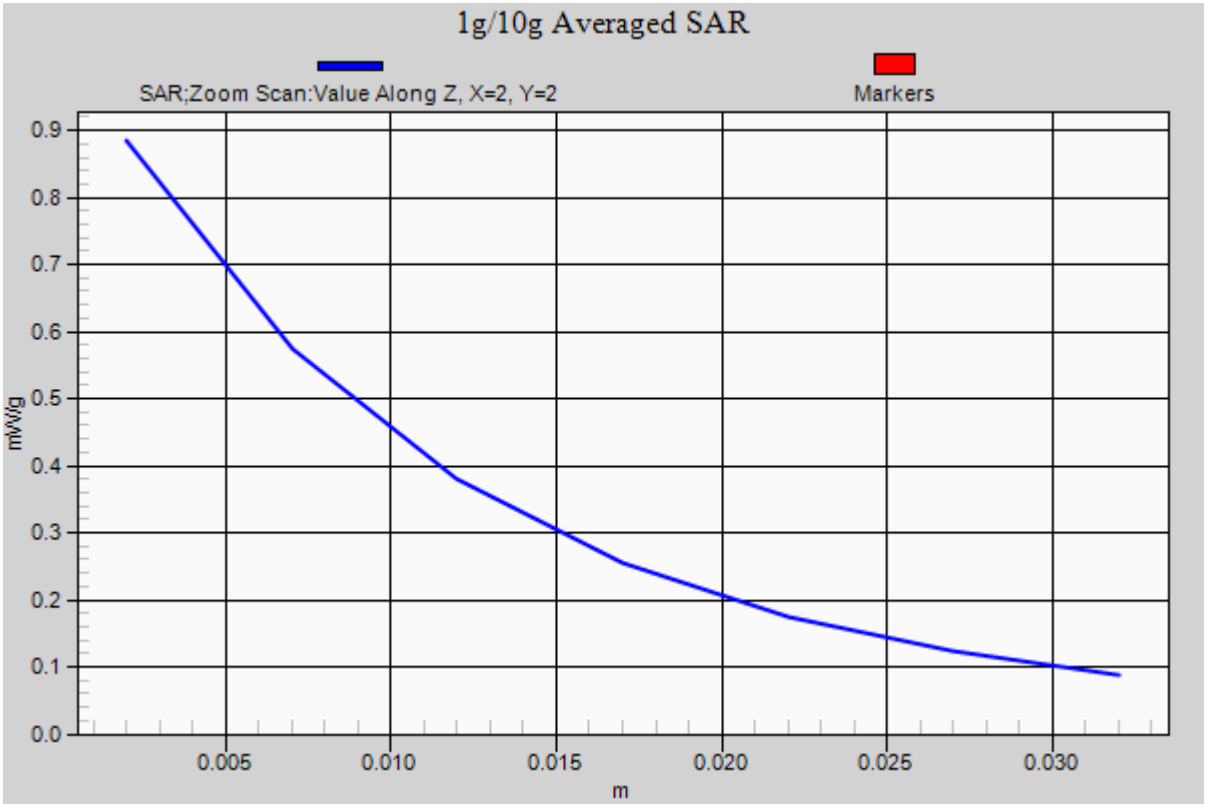
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0804 Medium parameters used: f = 1908 MHz; σ = 1.449 mho/m; ε_r = 39.698; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.979 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.702 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.074 mW/g
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.419 mW/g
Maximum value of SAR (measured) = 0.885 mW/g




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

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

P84 WCDMA II_RMC12.2K_Right Tilted_Ch9538

DUT: 120717C01

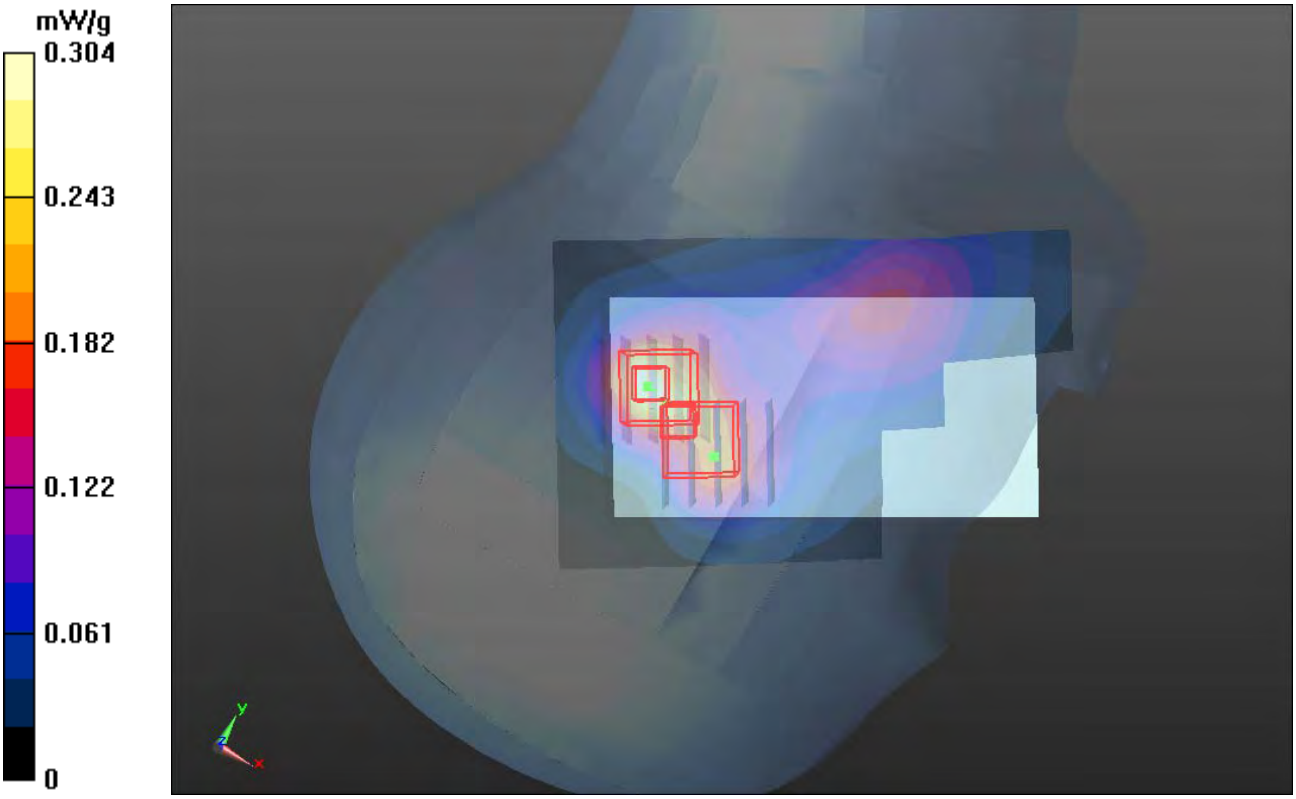
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0804 Medium parameters used: f = 1908 MHz; σ = 1.449 mho/m; ε_r = 39.698; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.427 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.352 mW/g
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.290 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.427 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.278 mW/g
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.241 mW/g



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

P85 WCDMA II_RMC12.2K_Left Cheek_Ch9538

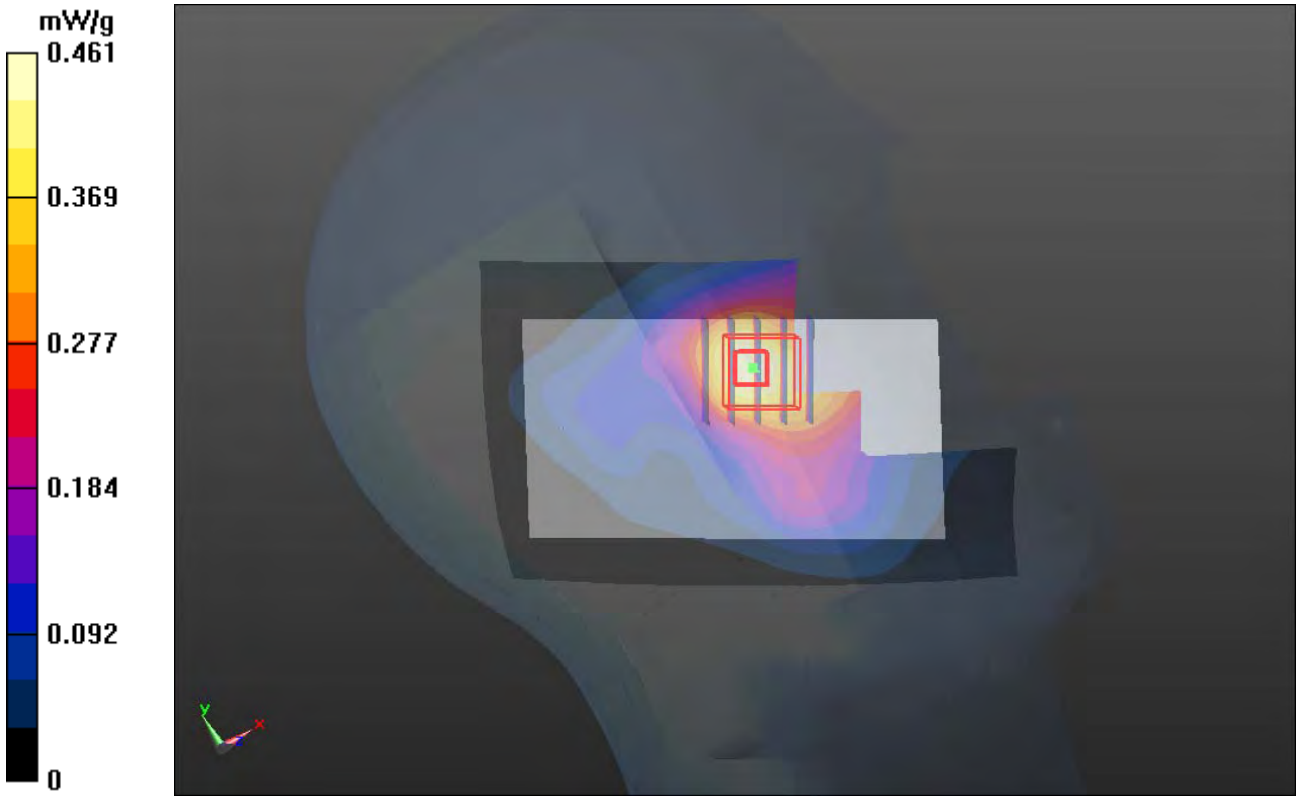
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0804 Medium parameters used: f = 1908 MHz; σ = 1.449 mho/m; ε_r = 39.698; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.461 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.406 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.590 mW/g
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.480 mW/g



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

P86 WCDMA II_RMC12.2K_Left Tilted_Ch9538

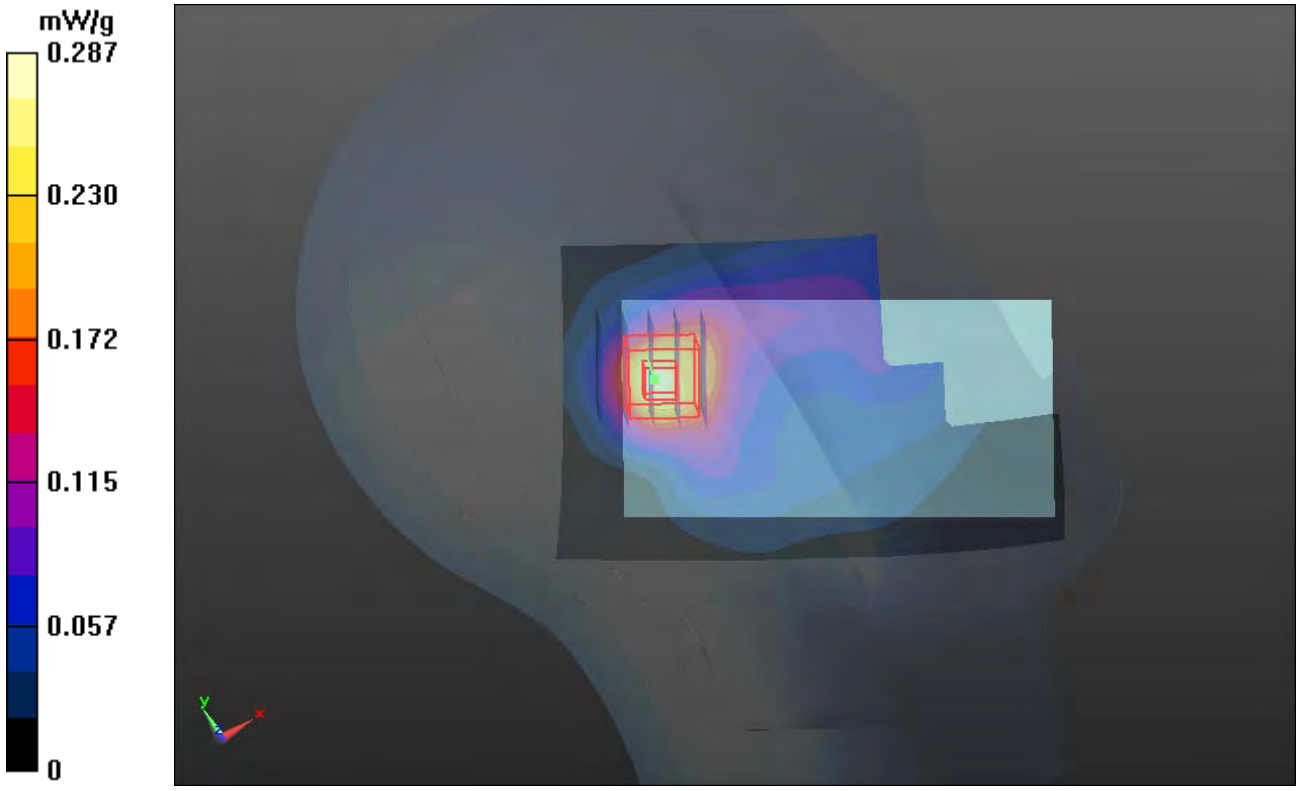
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0804 Medium parameters used: f = 1908 MHz; σ = 1.449 mho/m; ε_r = 39.698; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.287 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.694 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.361 mW/g
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.293 mW/g



P56 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch384

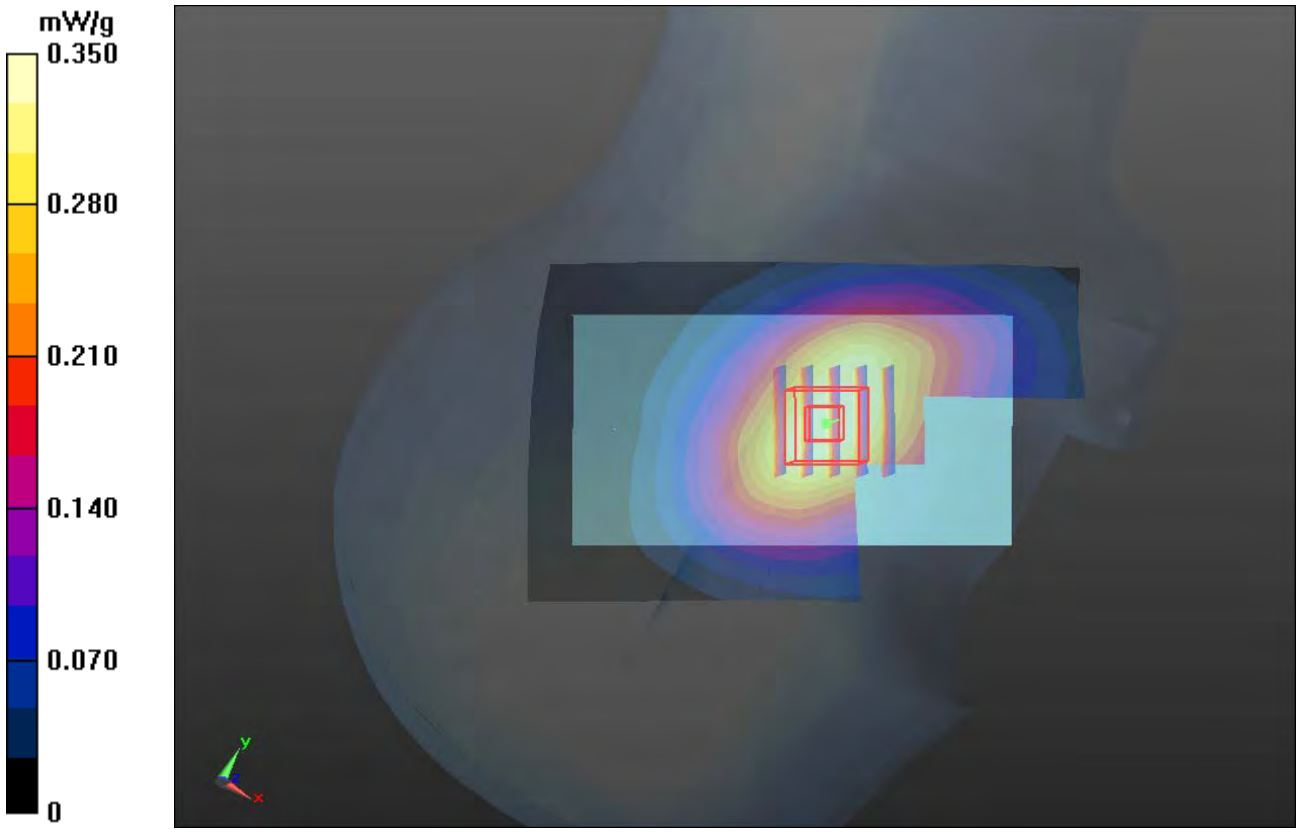
DUT: 120717C01

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: H835_0803 Medium parameters used: f = 837 MHz; σ = 0.919 mho/m; ε_r = 42.783; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.350 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.211 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.387 mW/g
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.359 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/03

P51 CDMA2000 BC0_RC3+SO55_Right Tilted_Ch384

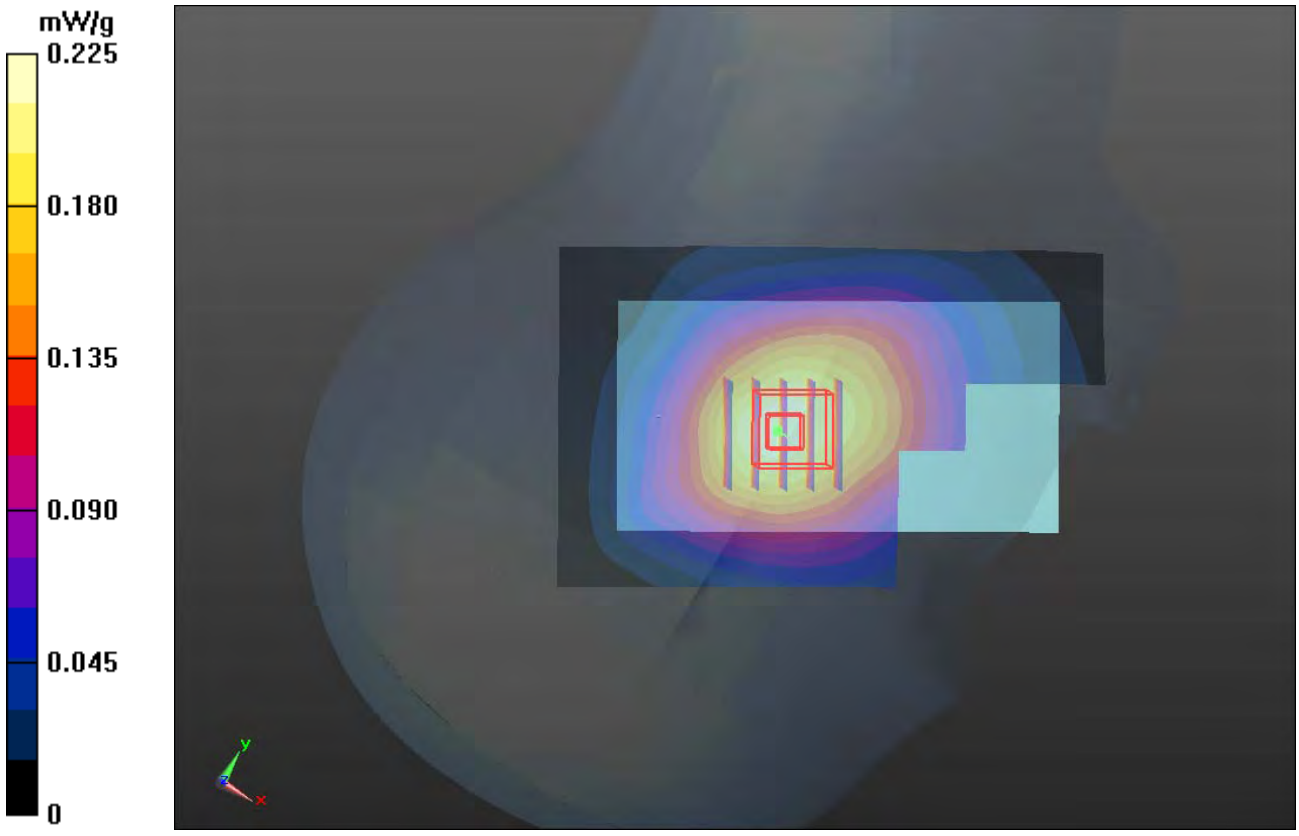
DUT: 120717C01

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: H835_0803 Medium parameters used: f = 837 MHz; σ = 0.919 mho/m; ε_r = 42.783; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.225 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.524 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.236 mW/g
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.219 mW/g



P52 CDMA2000 BC0_RC3+SO55_Left Cheek_Ch384

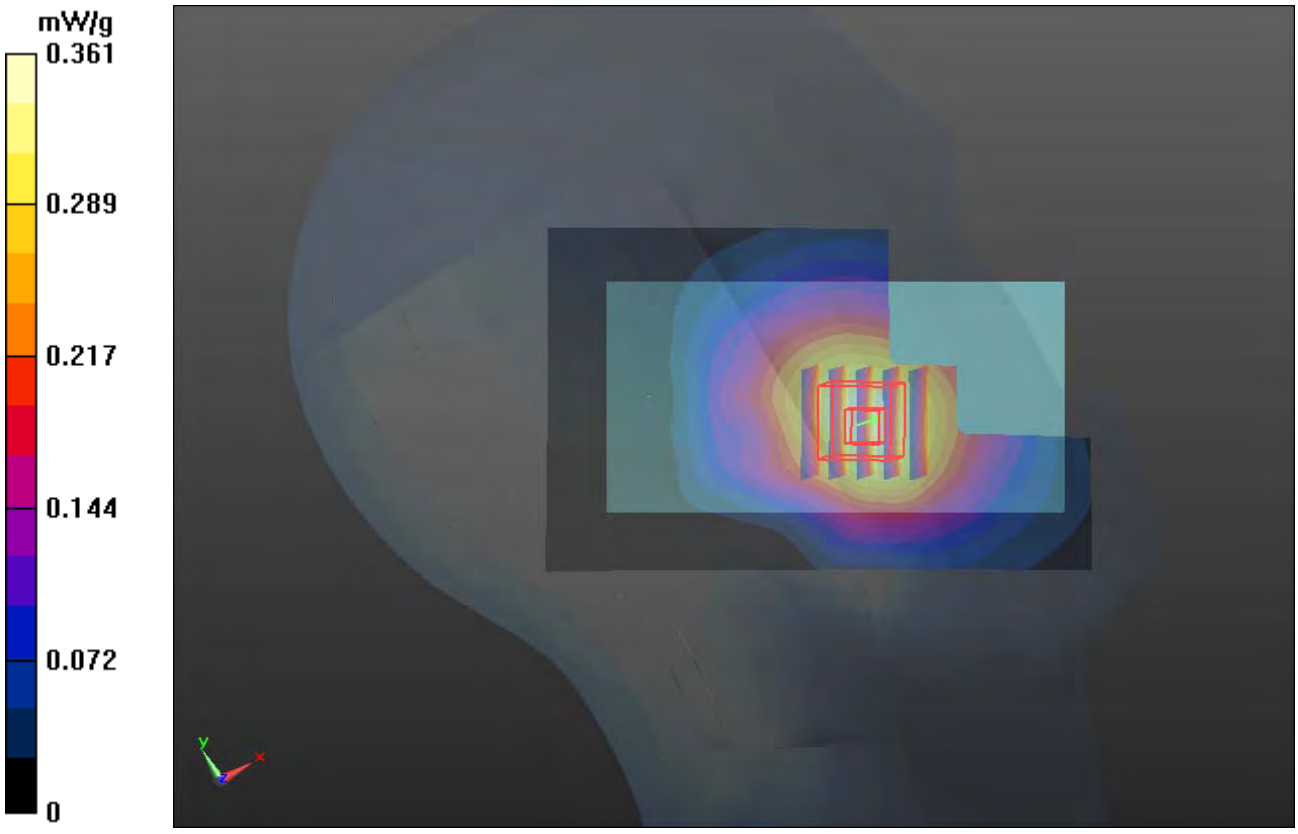
DUT: 120717C01

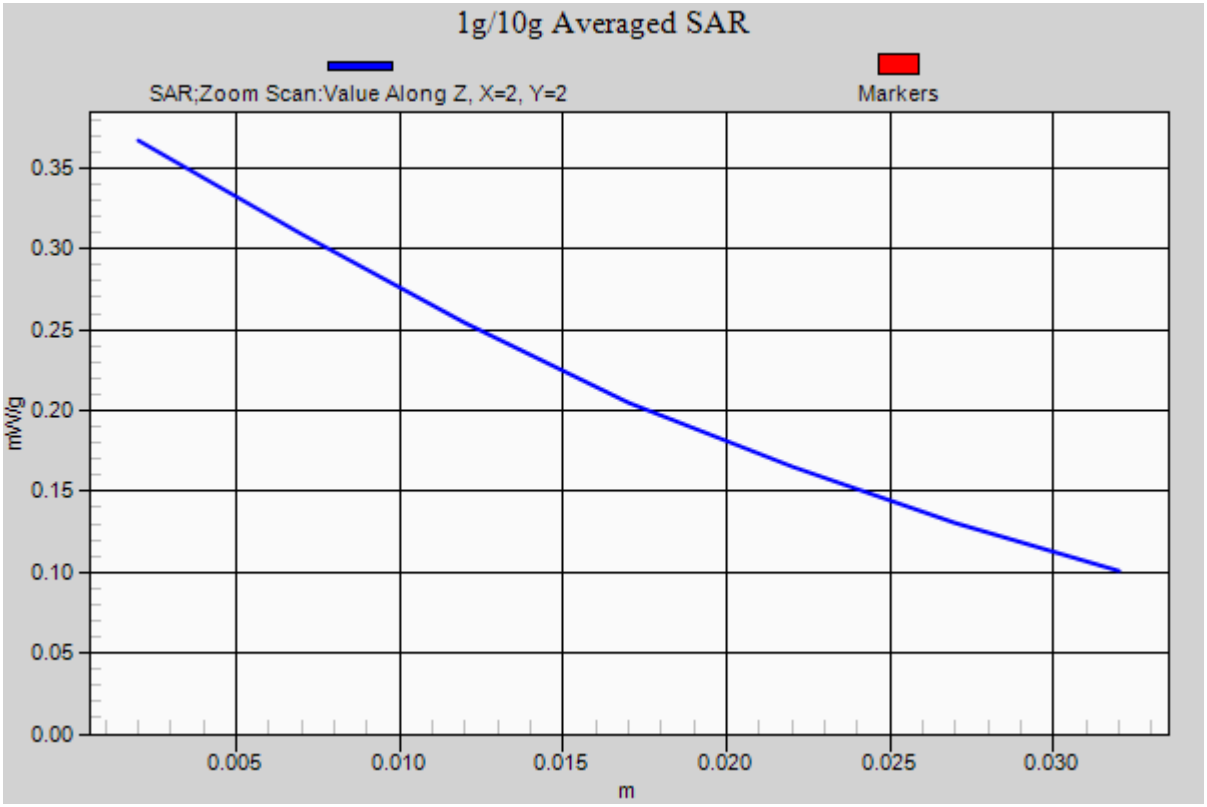
Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: H835_0803 Medium parameters used: f = 837 MHz; σ = 0.919 mho/m; ε_r = 42.783; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.361 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.168 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.405 mW/g
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.252 mW/g
Maximum value of SAR (measured) = 0.367 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

P53 CDMA2000 BC0_RC3+SO55_Left Tilted_Ch384

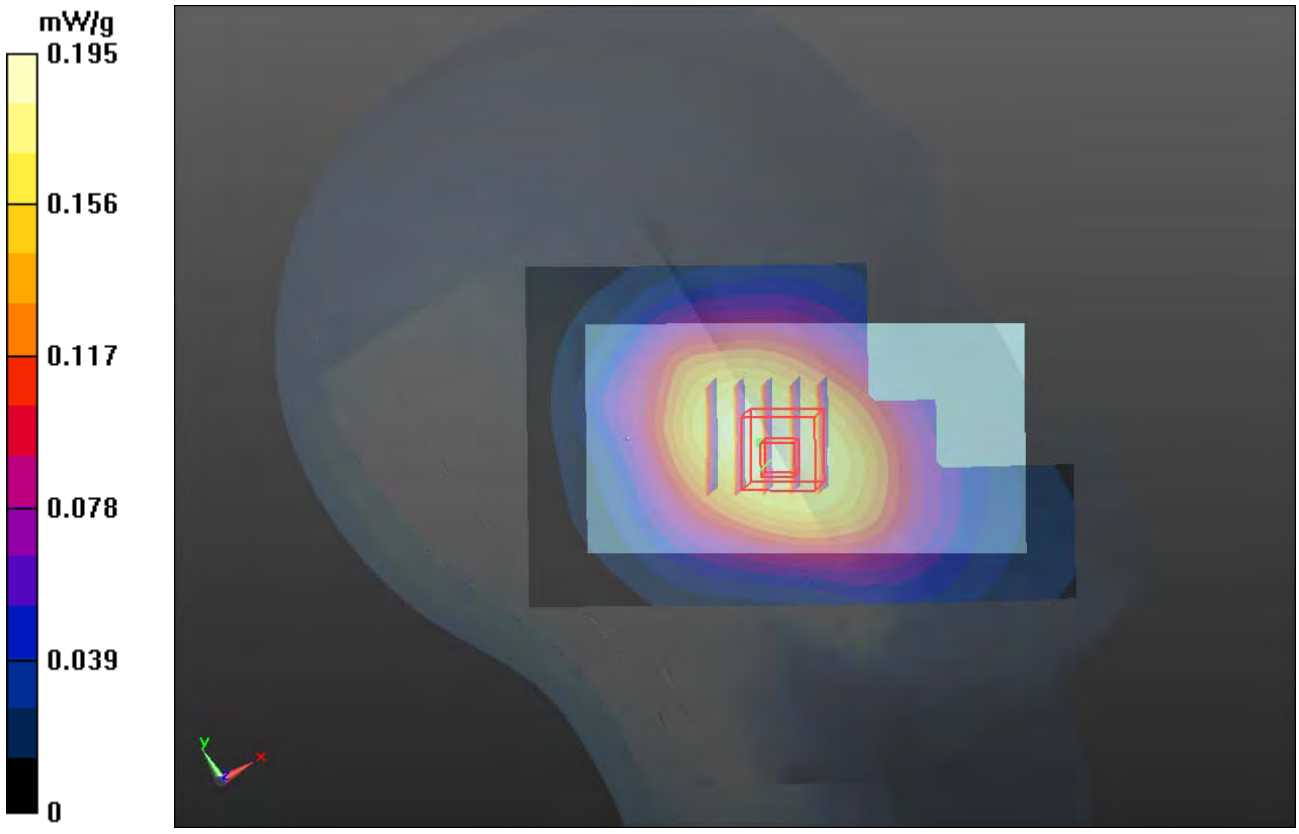
DUT: 120717C01

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: H835_0803 Medium parameters used: f = 837 MHz; σ = 0.919 mho/m; ε_r = 42.783; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.397 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.204 mW/g
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



P58 CDMA2000 BC1_RC3+SO55_Right CheekCh600

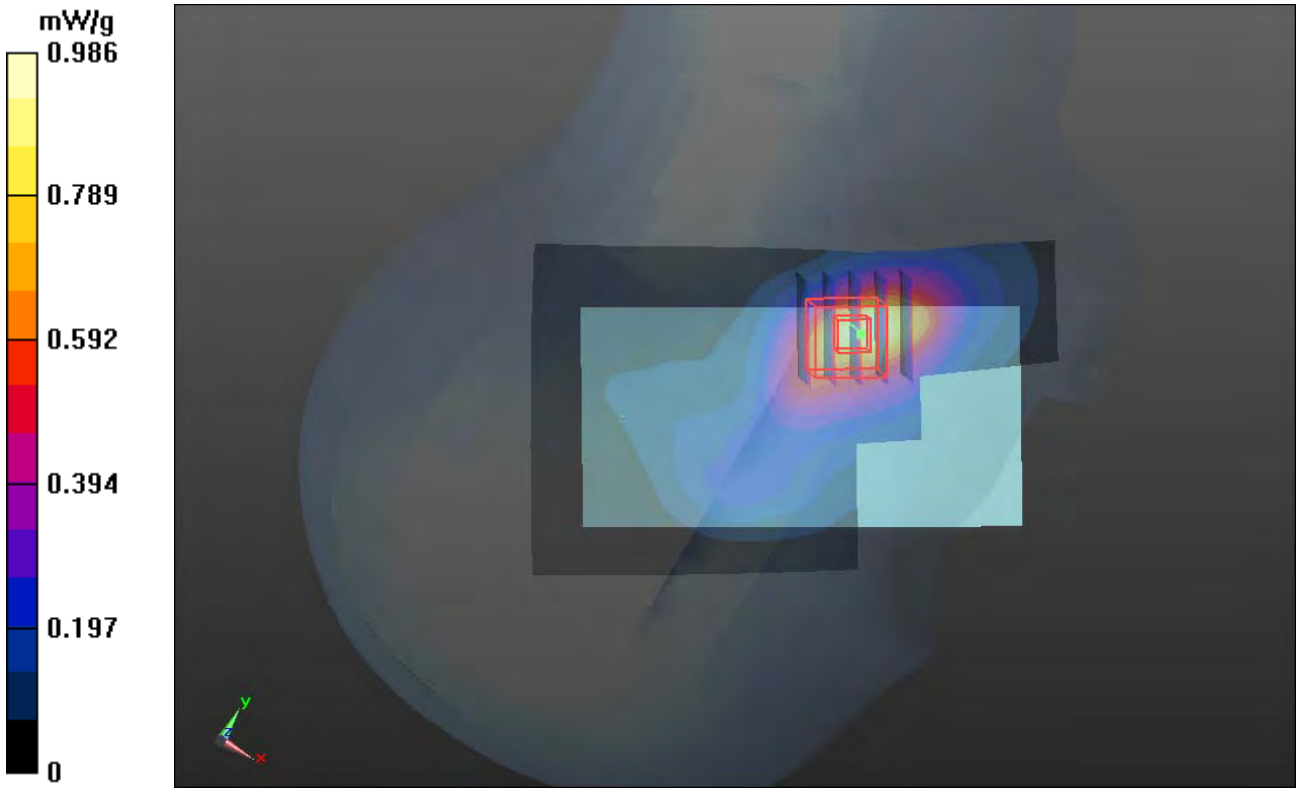
DUT: 120717C01

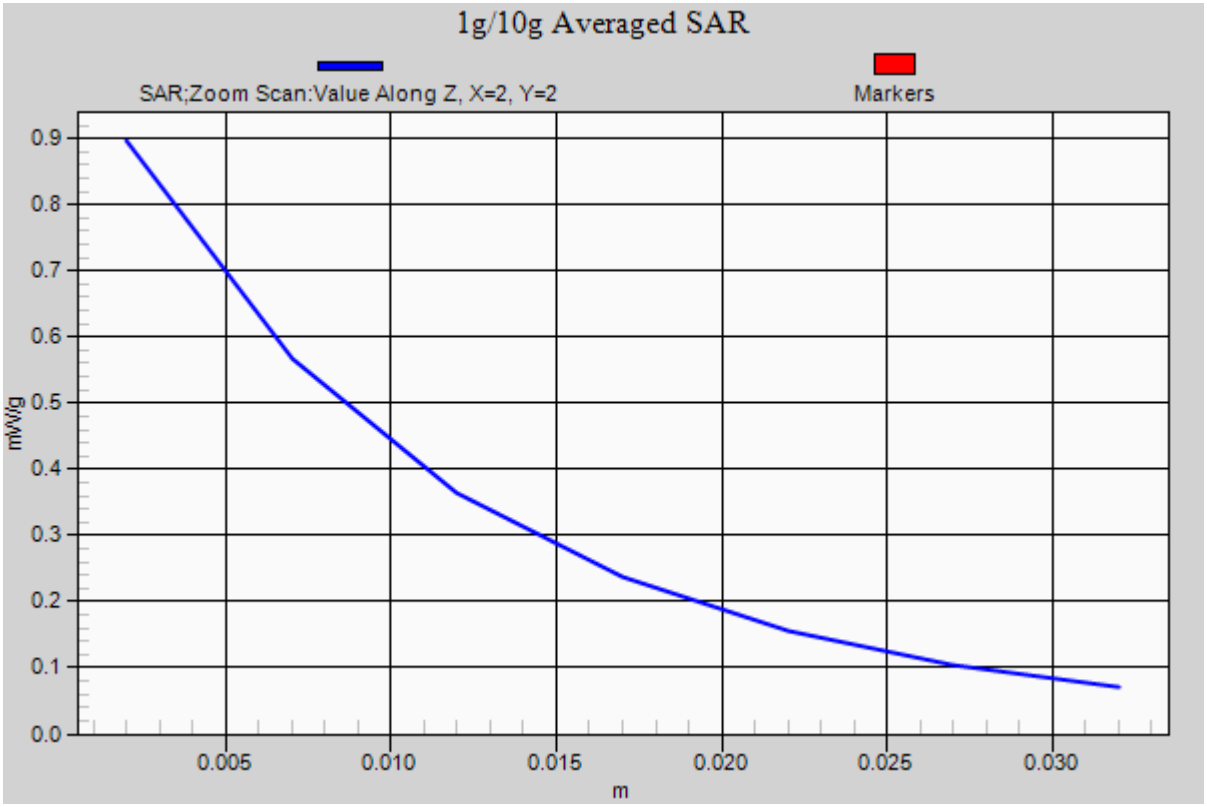
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0803 Medium parameters used: f = 1880 MHz; σ = 1.412 mho/m; ε_r = 39.841; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.986 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.124 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.120 mW/g
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.896 mW/g




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

P60 CDMA2000 BC1_RC3+SO55_Right Tilted_Ch600

DUT: 120717C01

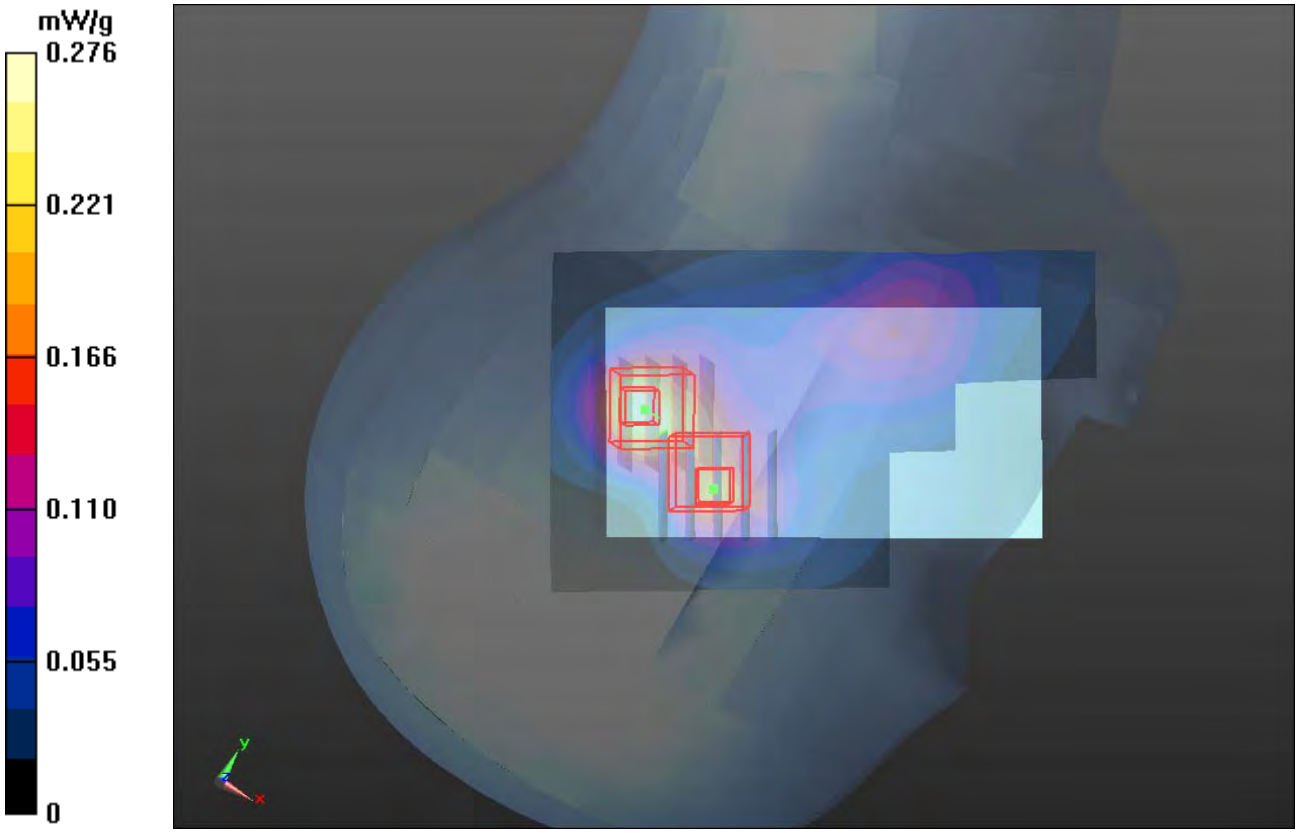
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0803 Medium parameters used: f = 1880 MHz; σ = 1.412 mho/m; ε_r = 39.841; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.276 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.442 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.280 mW/g
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.227 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.442 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.203 mW/g
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.175 mW/g



P61 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch600

DUT: 120717C01

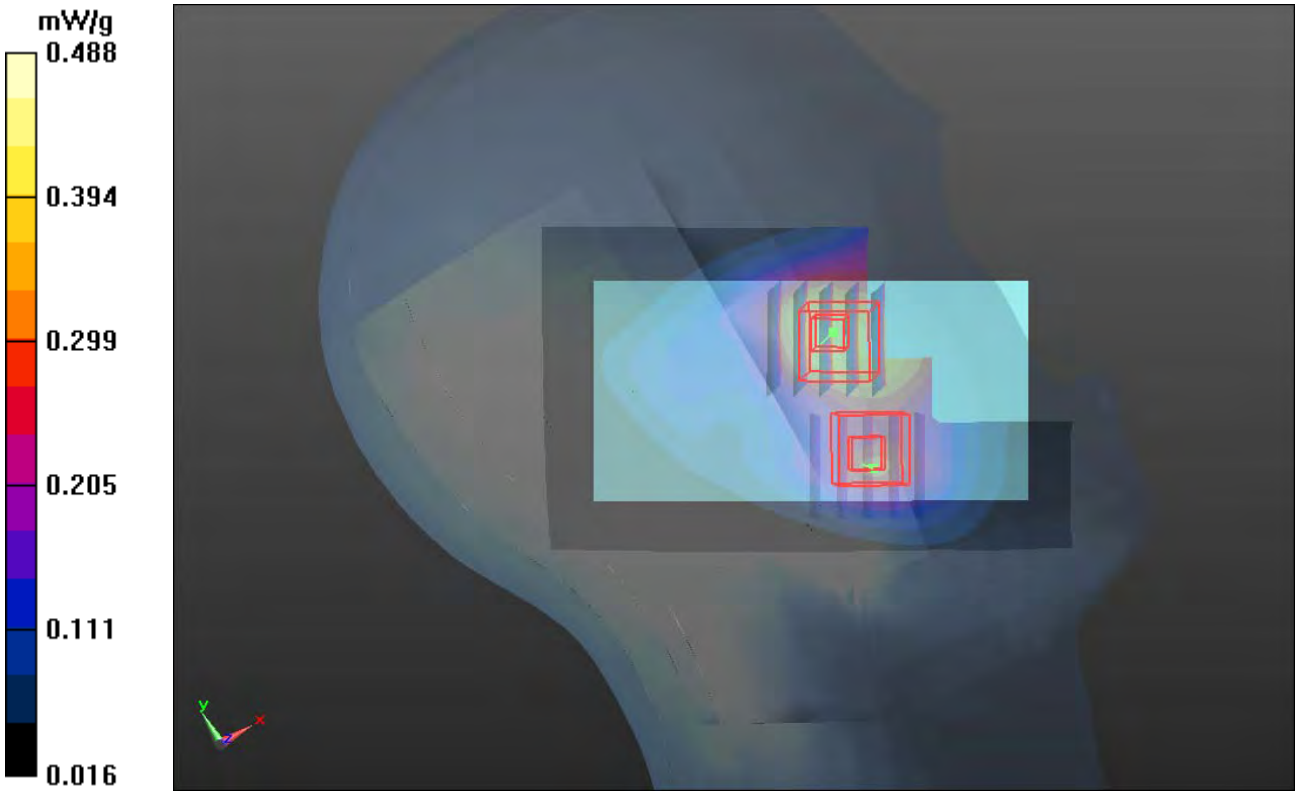
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0803 Medium parameters used: f = 1880 MHz; σ = 1.412 mho/m; ε_r = 39.841; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.421 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.480 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.597 mW/g
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.488 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.480 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.399 mW/g
SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.310 mW/g



P62 CDMA2000 BC1_RC3+SO55_Left Tilted_Ch600

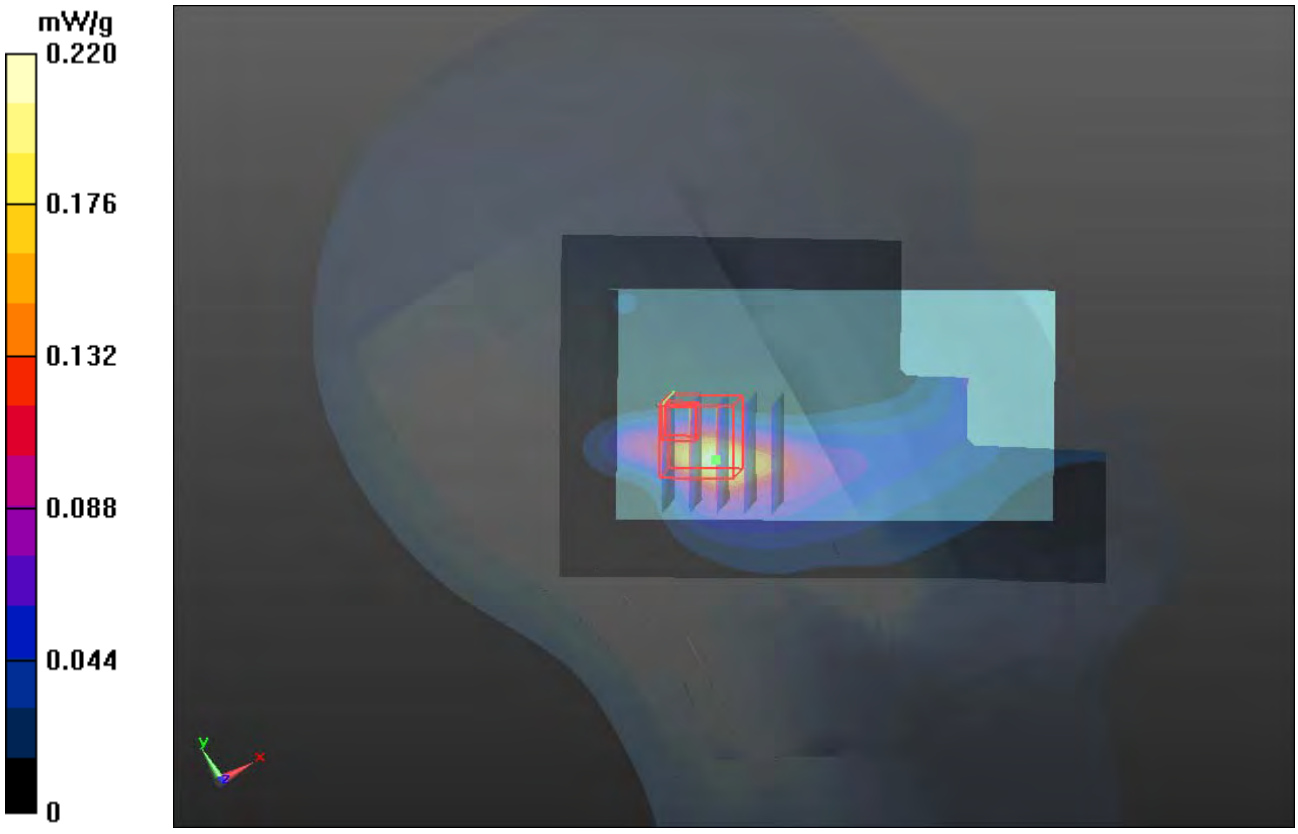
DUT: 120717C01

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0803 Medium parameters used: f = 1880 MHz; σ = 1.412 mho/m; ε_r = 39.841; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.220 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.042 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.281 mW/g
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.234 mW/g



P306 LTE13_QPSK_10M_Right Cheek_Ch23230_25 RB_Offset 12

DUT: 120717C01

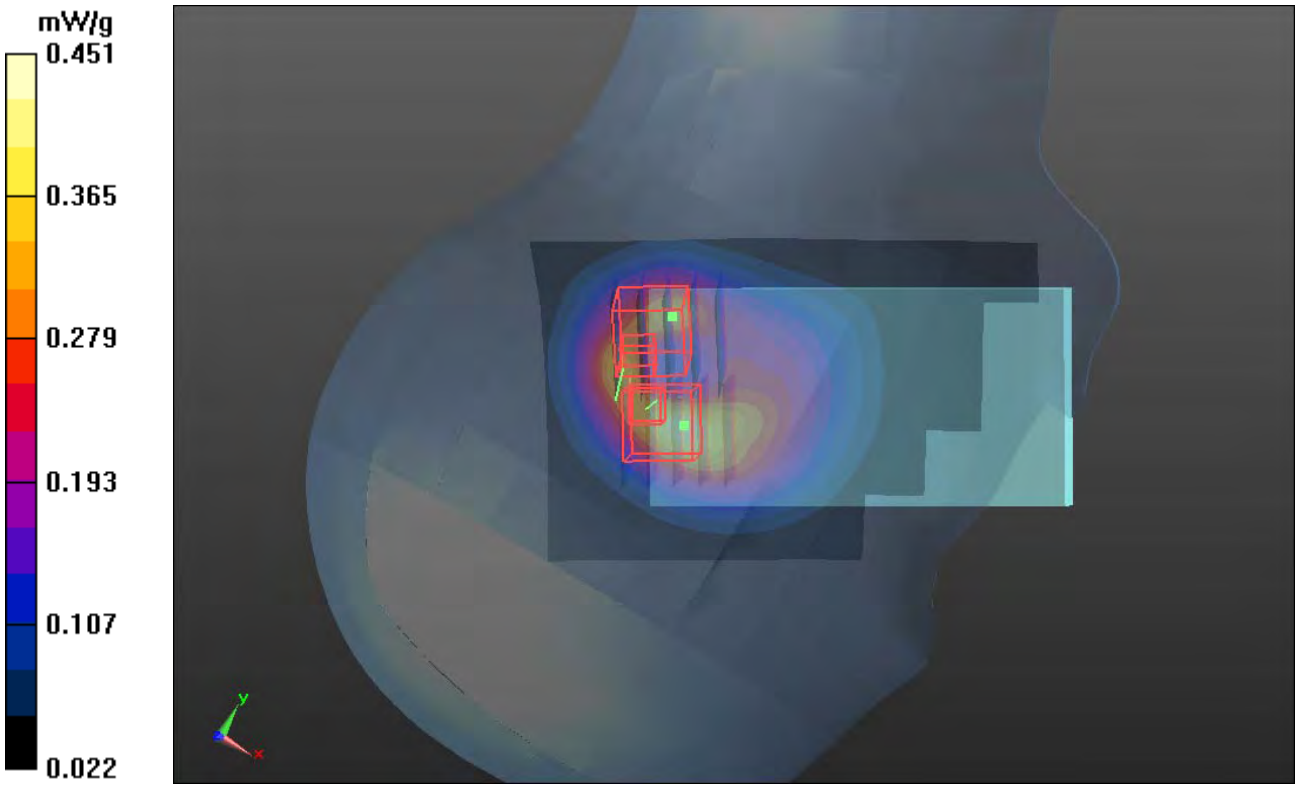
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.425 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.212 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.740 mW/g
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.530 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.212 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.637 mW/g
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.451 mW/g



P303 LTE13_QPSK_10M_Right Tilted_Ch23230_25 RB_Offset 12

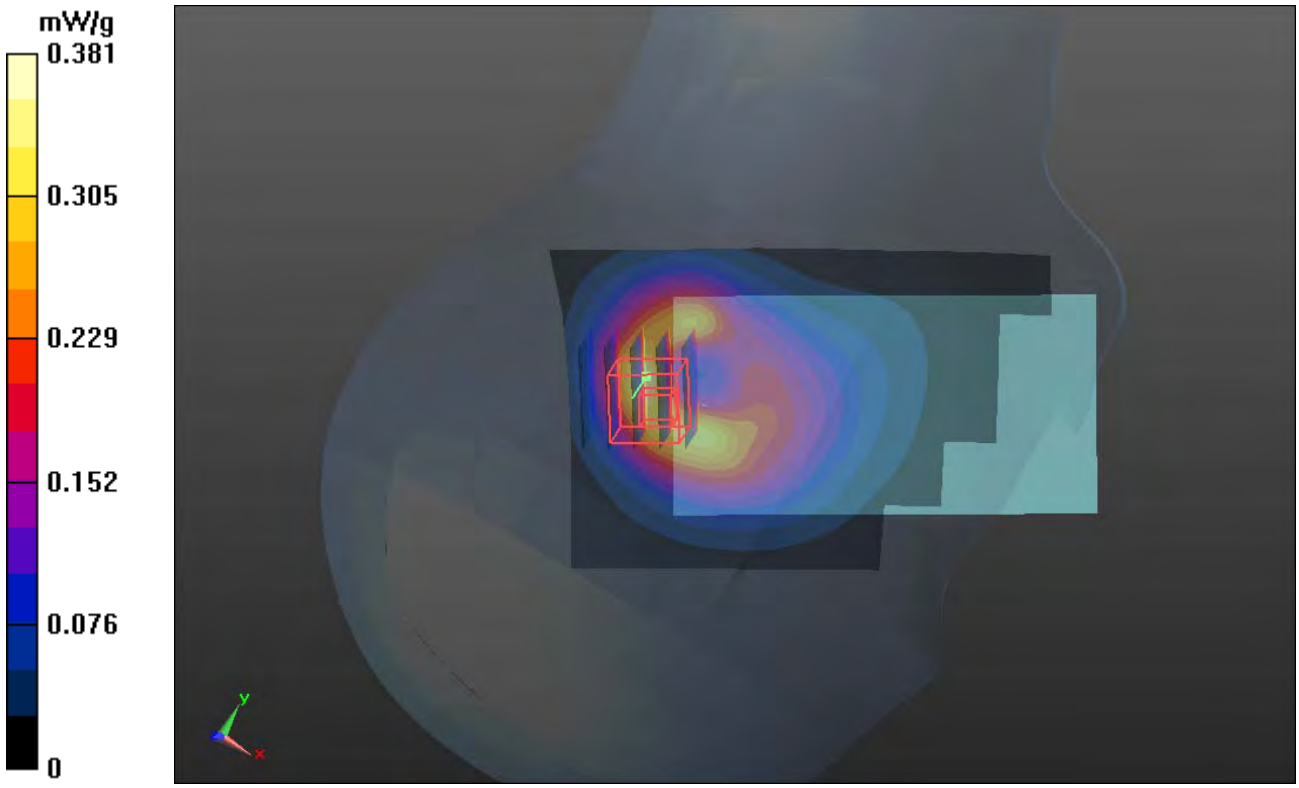
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.381 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.392 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.733 mW/g
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.475 mW/g



P304 LTE13_QPSK_10M_Left Cheek_Ch23230_25 RB_Offset 12

DUT: 120717C01

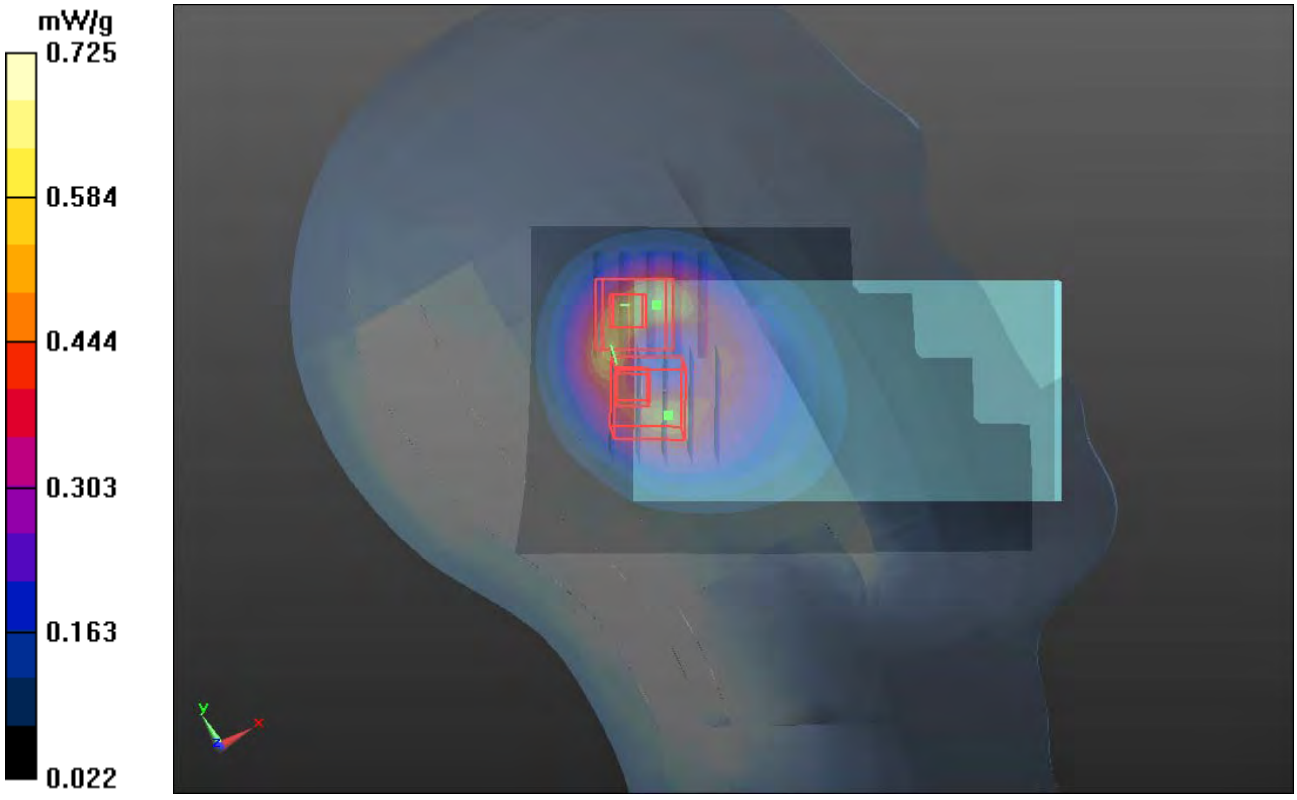
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.629 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.645 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.065 mW/g
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.254 mW/g
Maximum value of SAR (measured) = 0.708 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.645 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.037 mW/g
SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.725 mW/g



P204 LTE13_QPSK_10M_Left Tilted_Ch23230_25 RB_Offset 12

DUT: 120717C01

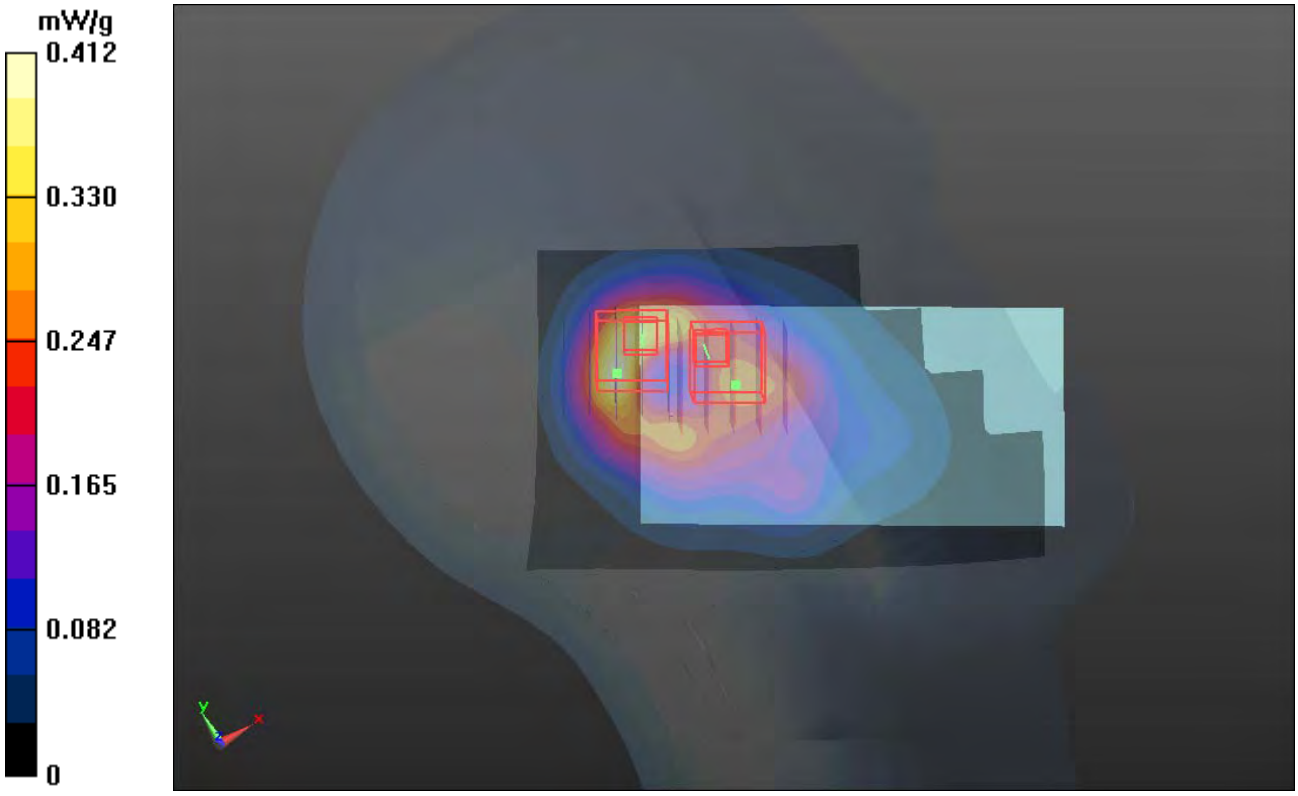
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.412 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.022 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.828 mW/g
SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.188 mW/g
Maximum value of SAR (measured) = 0.589 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.022 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.397 mW/g
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.328 mW/g



P269 LTE13_QPSK_10M_Right Cheek_Ch23230_1 RB_Offset 0

DUT: 120717C01

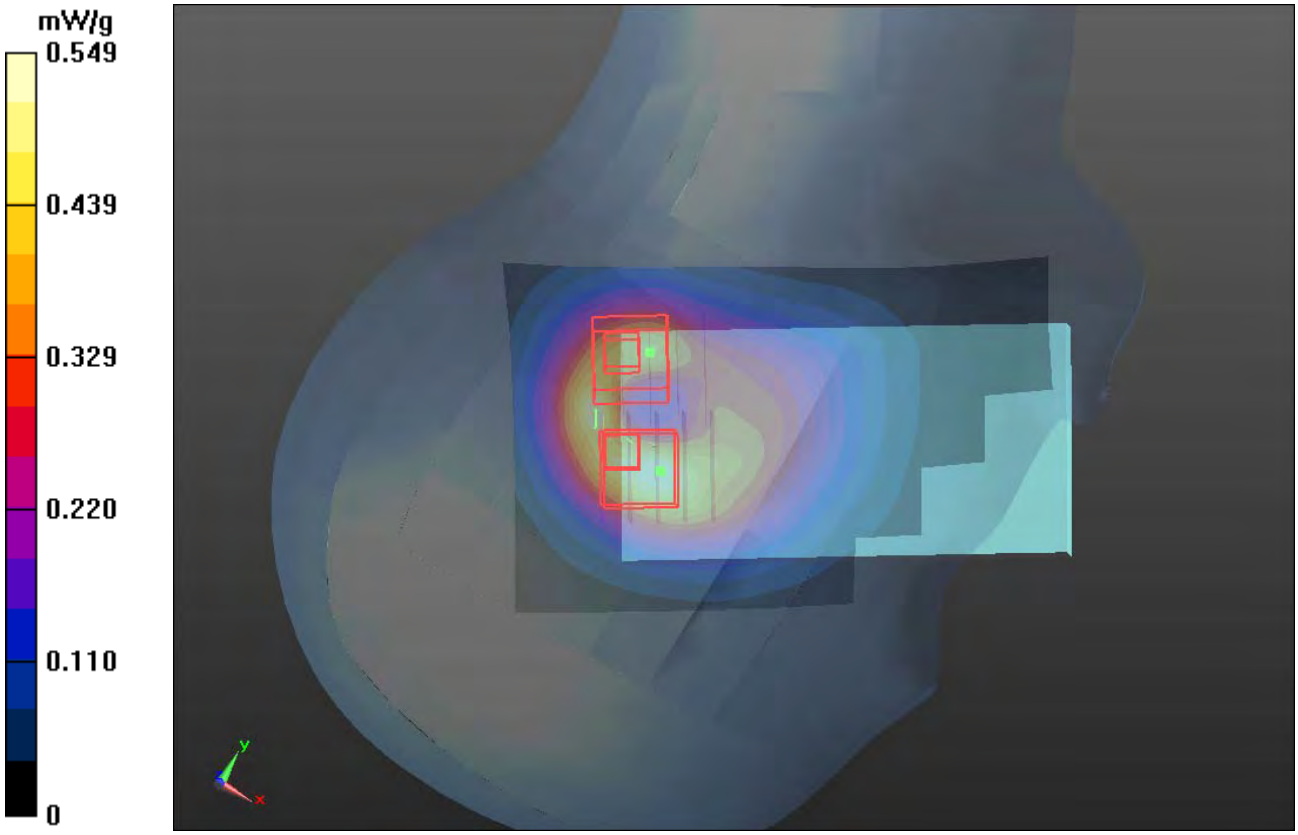
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0808 Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 41.285; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.549 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.895 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.951 mW/g
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.662 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.895 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.757 mW/g
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.560 mW/g



P270 LTE13_QPSK_10M_Right Tilted_Ch23230_1 RB_Offset 0

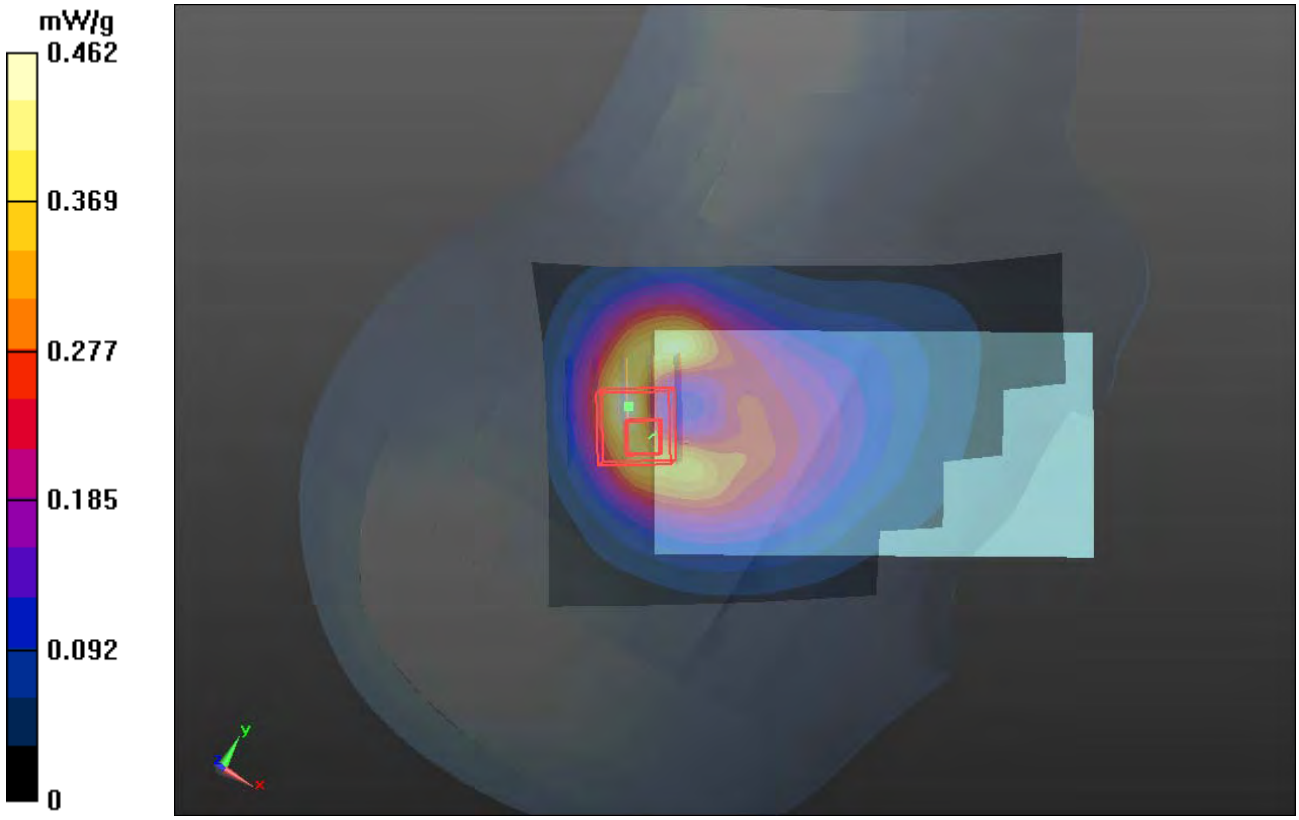
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0808 Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 41.285; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.462 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.545 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.935 mW/g
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.621 mW/g



P262 LTE13_QPSK_10M_Left Cheek_Ch23230_1 RB_Offset 0

DUT: 120717C01

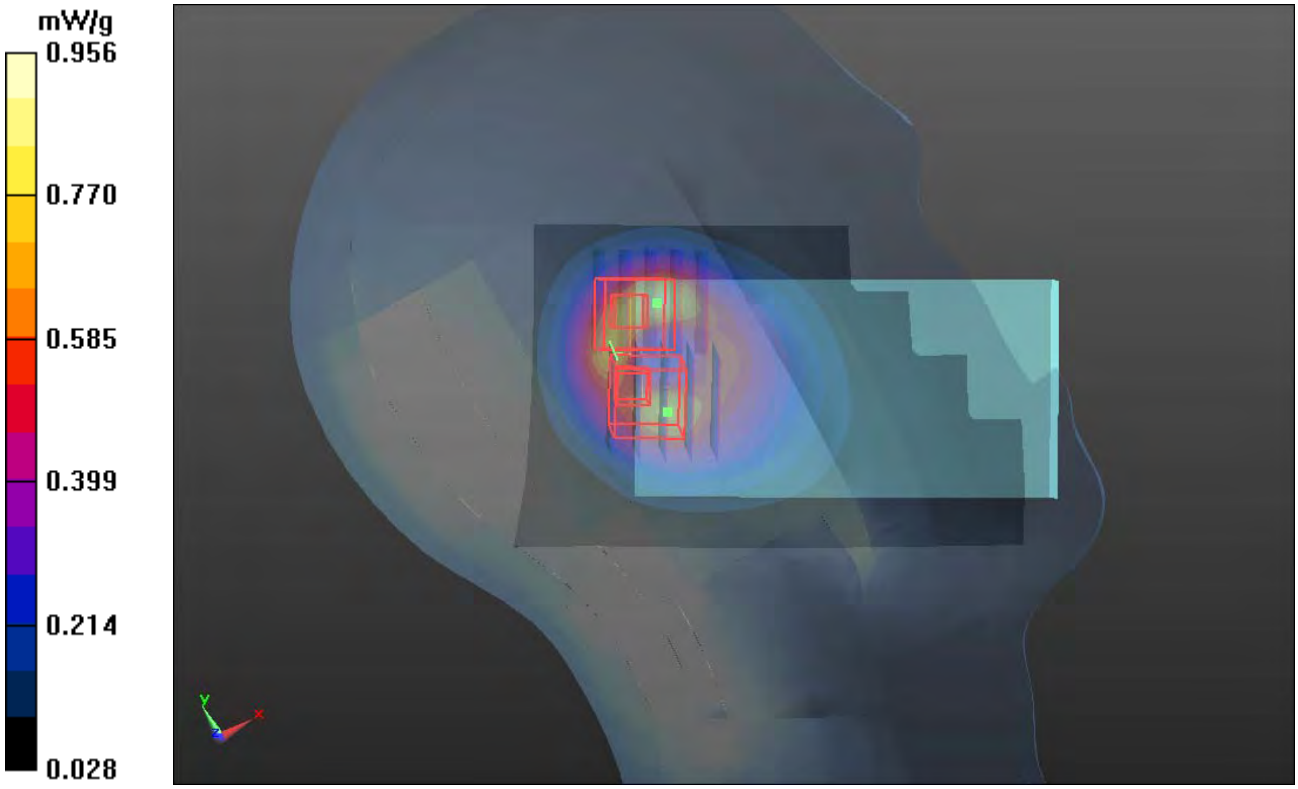
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

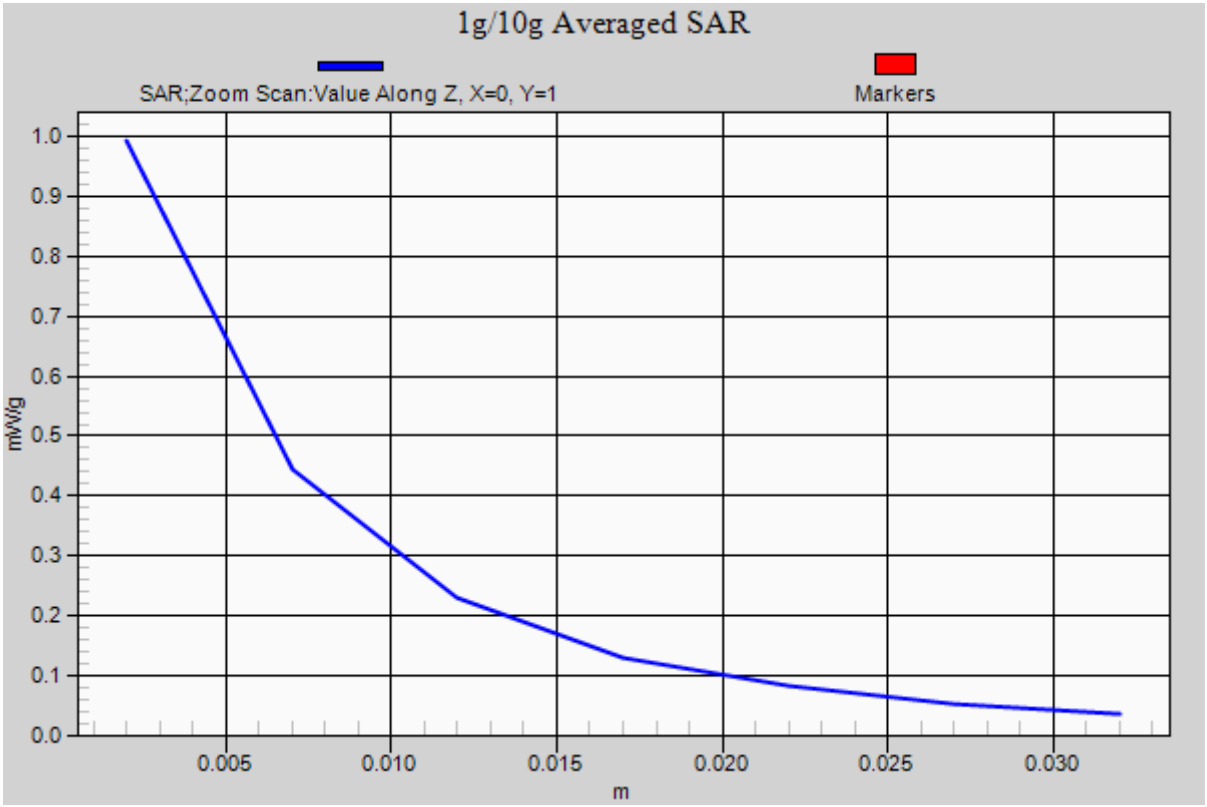
DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.870 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.915 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.495 mW/g
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.994 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.915 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.384 mW/g
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.956 mW/g




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

P208 LTE13_QPSK_10M_Left Tilted_Ch23230_1 RB_Offset 0

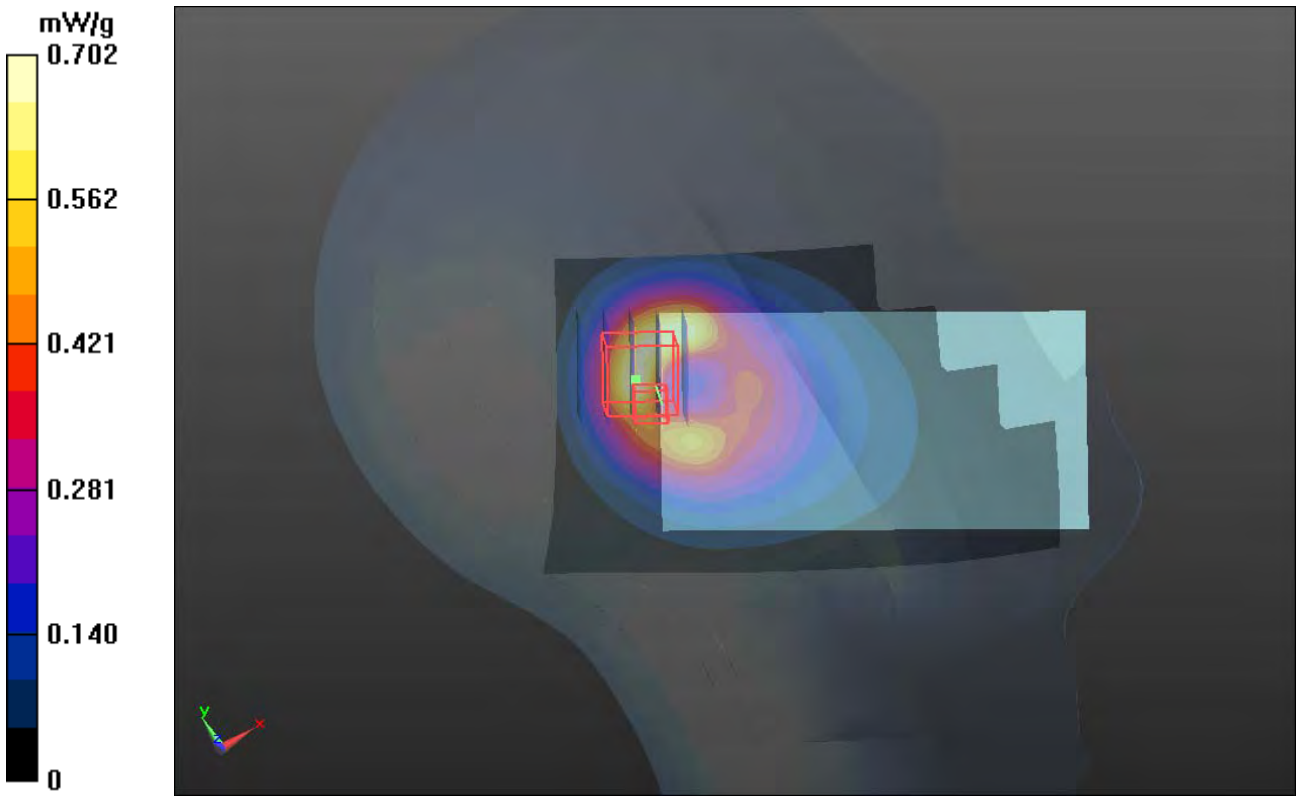
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.702 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.801 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 1.359 mW/g
SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.887 mW/g



P265 LTE13_QPSK_10M_Right Cheek_Ch23230_1 RB_Offset 49

DUT: 120717C01

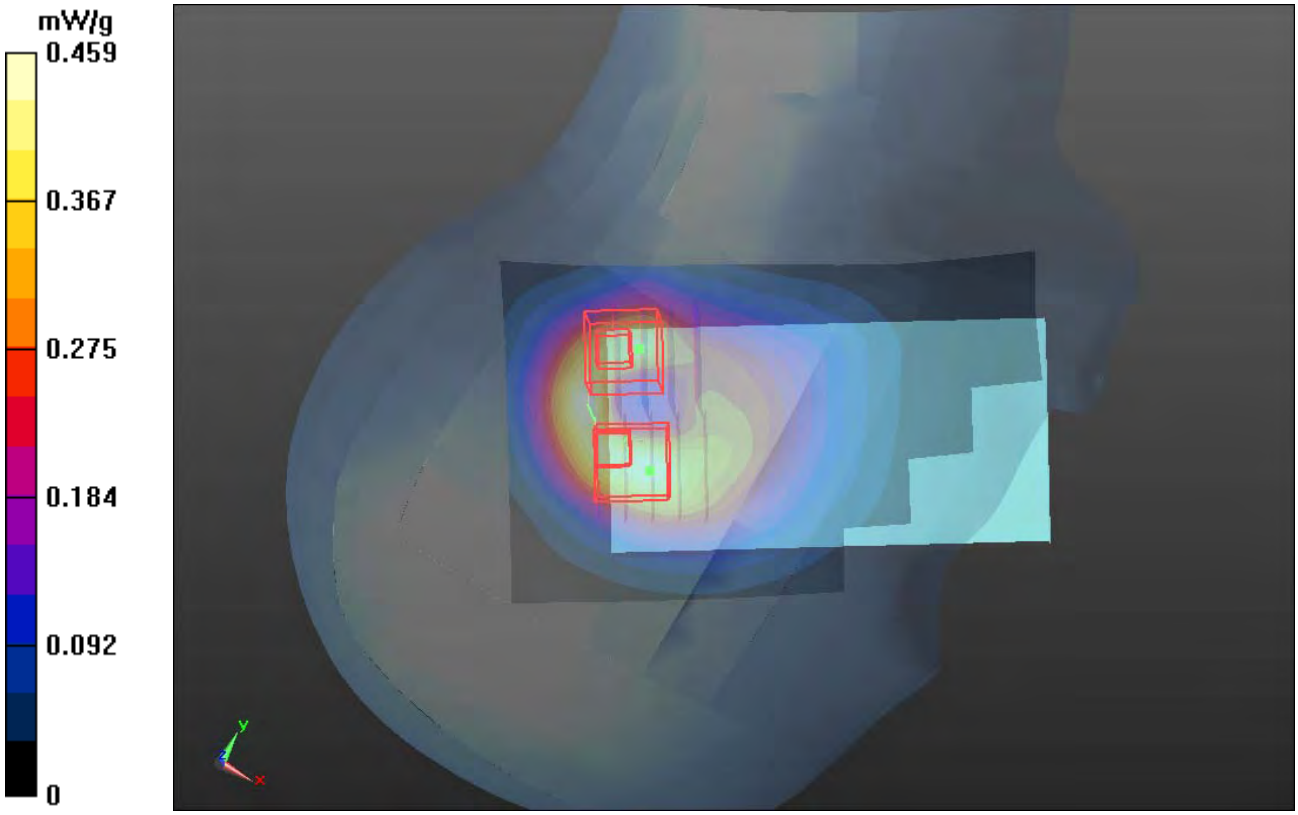
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0808 Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 41.285; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.582 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.858 mW/g
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.607 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.582 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.724 mW/g
SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.520 mW/g



P266 LTE13_QPSK_10M_Right Tilted_Ch23230_1 RB_Offset 49

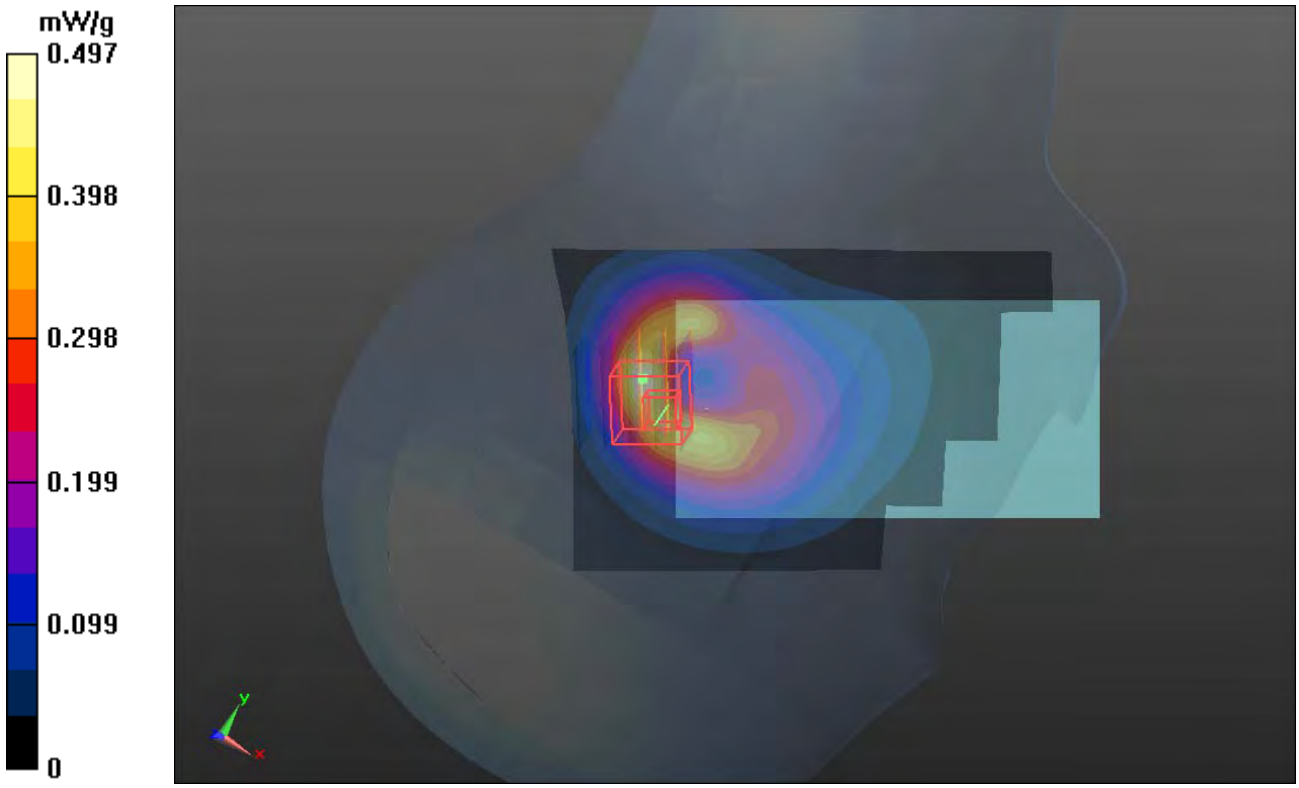
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.497 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.946 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.956 mW/g
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.664 mW/g



P267 LTE13_QPSK_10M_Left Cheek_Ch23230_1 RB_Offset 49

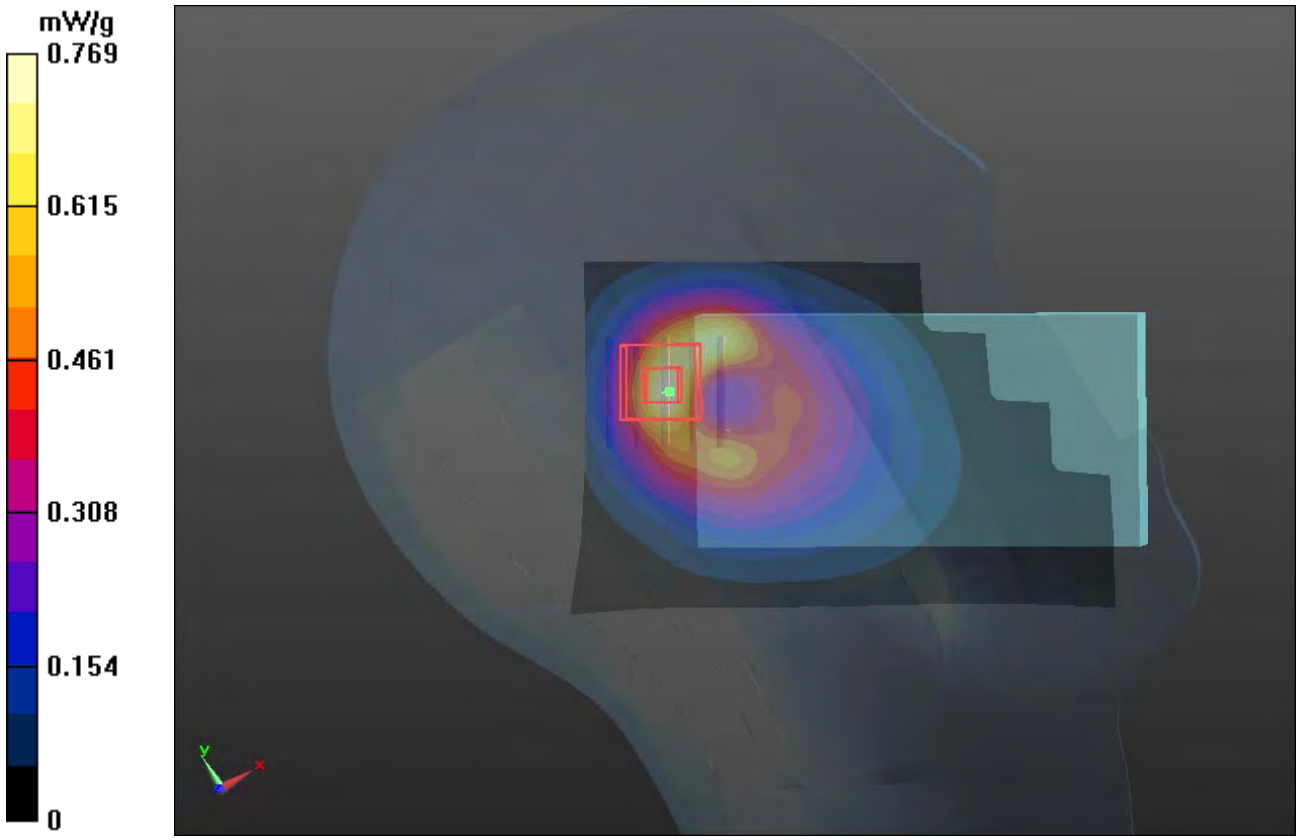
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0808 Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 41.285; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.769 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.137 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.089 mW/g
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.836 mW/g



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

P268 LTE13_QPSK_10M_Left Tilted_Ch23230_1 RB_Offset 49

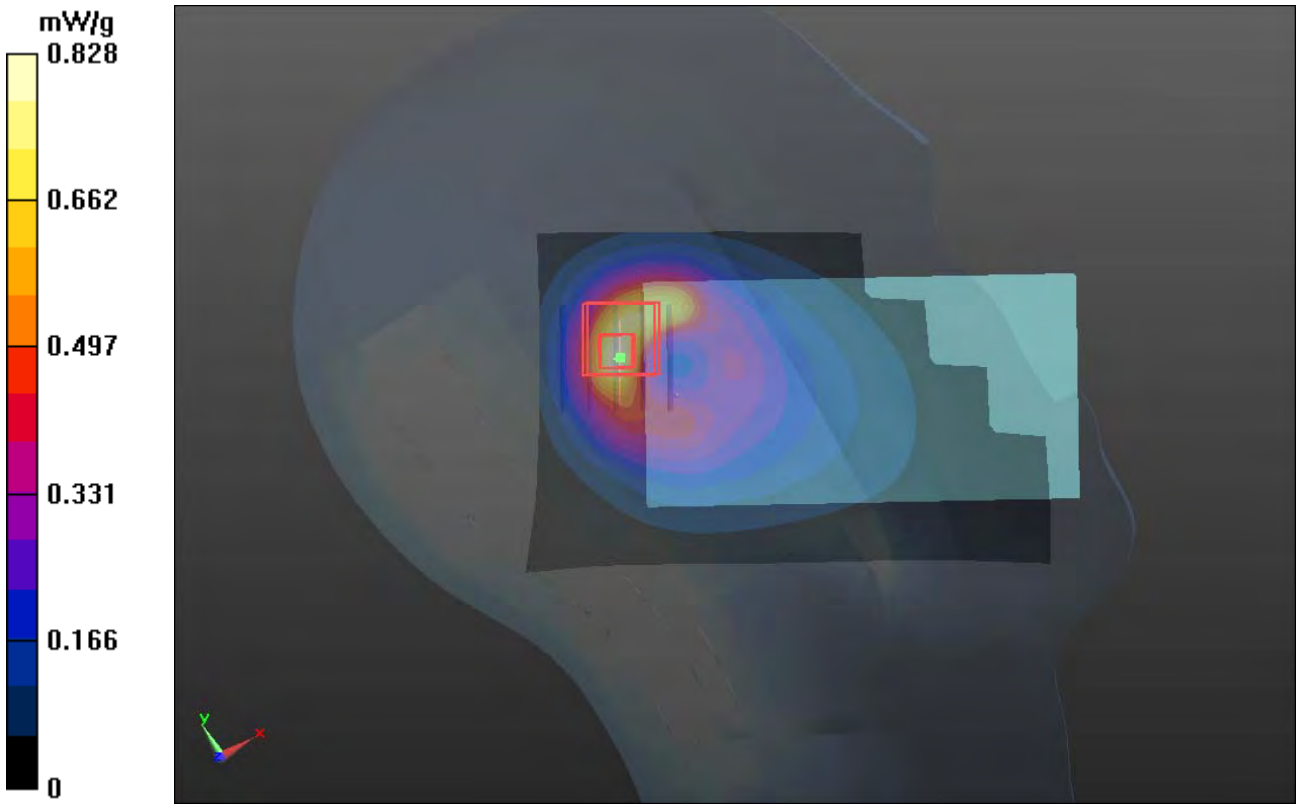
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0808 Medium parameters used: f = 782 MHz; σ = 0.919 mho/m; ε_r = 41.285; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.828 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.546 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.271 mW/g
SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.315 mW/g
Maximum value of SAR (measured) = 0.949 mW/g



P402 LTE13_16QAM_10M_Right Cheek_Ch23230_RB_1_Offset_0

DUT: 120717C01

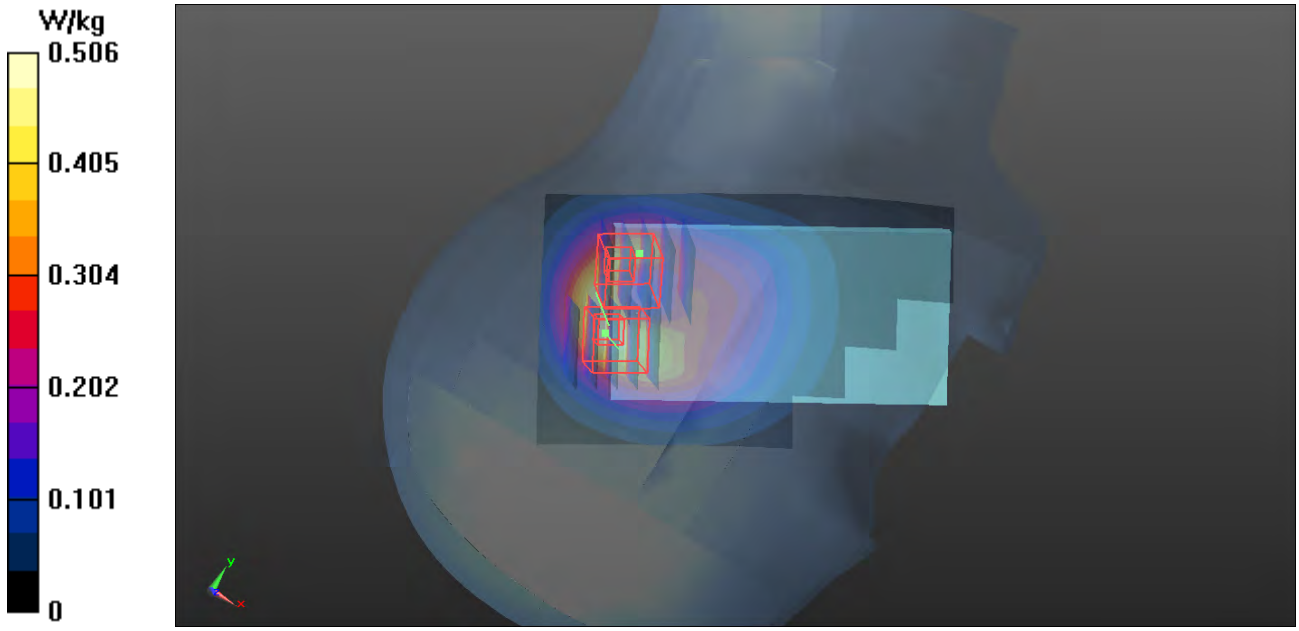
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_1022 Medium parameters used: f = 782 MHz; σ = 0.913 mho/m; ε_r = 41.385; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.506 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.910 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.936 mW/g
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.645 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.910 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.672 mW/g
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.495 W/kg



P405 LTE13_16QAM_10M_Right Tilted_Ch23230_RB_1_Offset_0

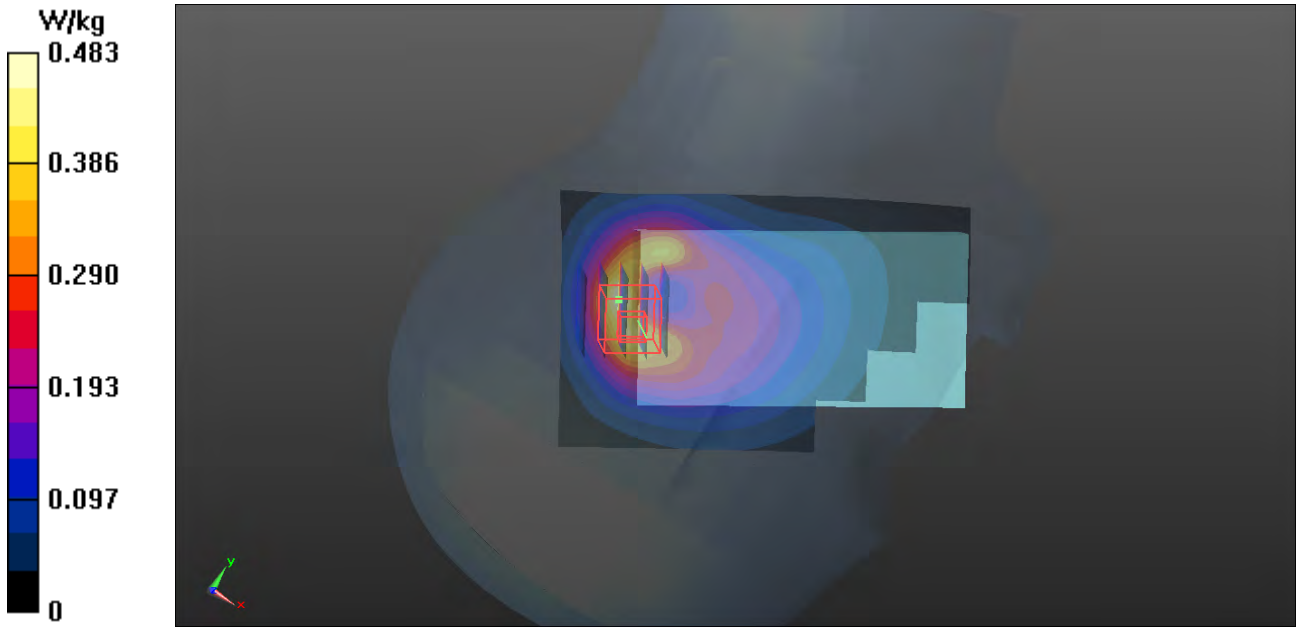
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_1022 Medium parameters used: f = 782 MHz; σ = 0.913 mho/m; ε_r = 41.385; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.483 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.427 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.039 mW/g
SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.676 W/kg



P213 LTE13_16QAM_10M_Left Cheek_Ch23230_25 RB_Offset 12

DUT: 120717C01

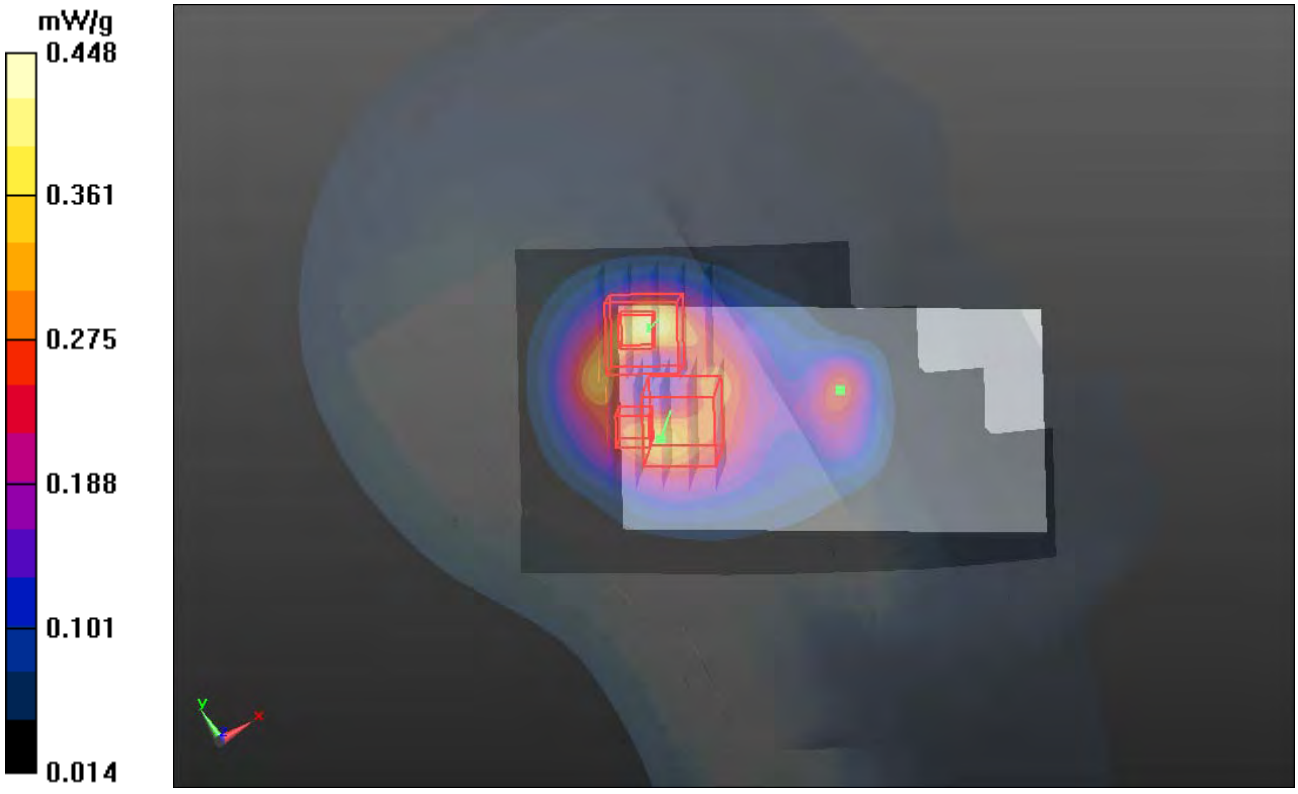
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.901 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.671 mW/g
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.448 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.901 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.806 mW/g
SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.472 mW/g



P214 LTE13_16QAM_10M_Left Cheek_Ch23230_1 RB_Offset 0

DUT: 120717C01

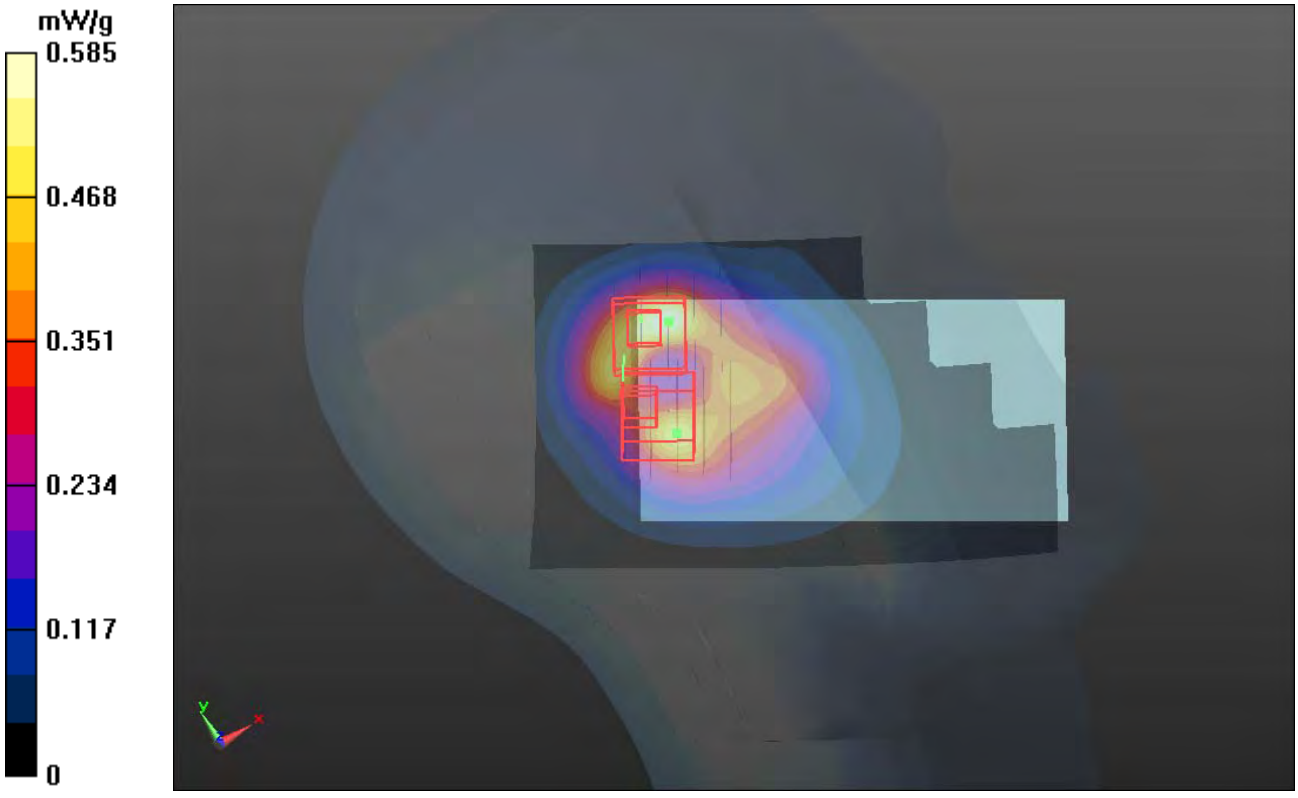
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.585 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.732 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.928 mW/g
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.675 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.732 V/m; Power Drift = 0.23 dB
Peak SAR (extrapolated) = 0.945 mW/g
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.658 mW/g



P215 LTE13_16QAM_10M_Left Cheek_Ch23230_1 RB_Offset 49

DUT: 120717C01

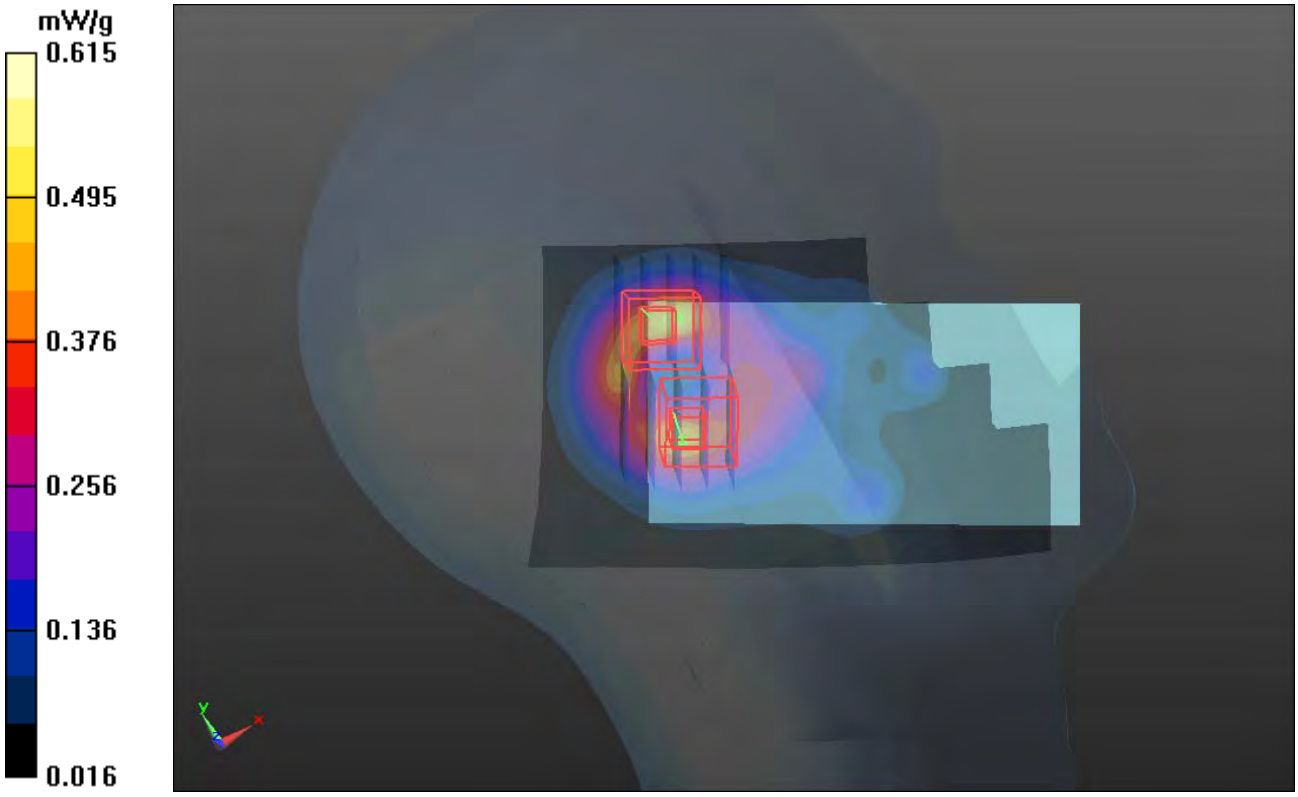
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_0809 Medium parameters used: f = 782 MHz; σ = 0.908 mho/m; ε_r = 39.96; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.2, 9.2, 9.2); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.521 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.512 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.850 mW/g
SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.589 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.512 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.803 mW/g
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.615 mW/g



P408 LTE13_16QAM_10M_Left Tilted_Ch23230_RB_1_Offset_0

DUT: 120717C01

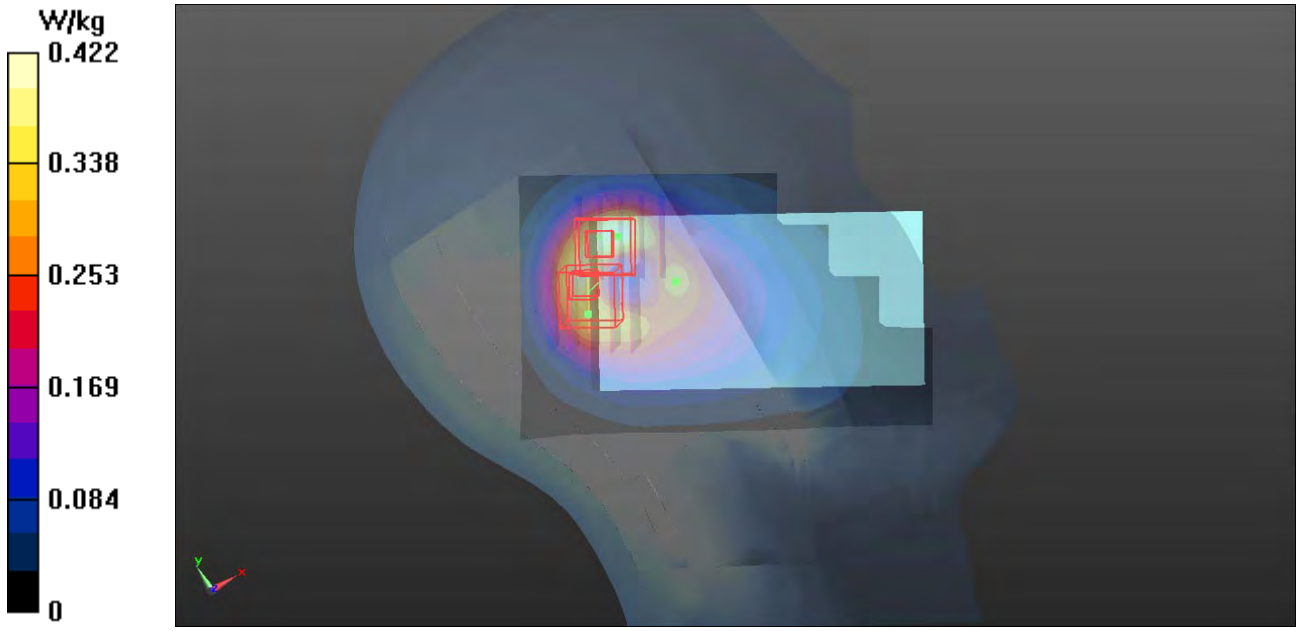
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750_1022 Medium parameters used: f = 782 MHz; σ = 0.913 mho/m; ε_r = 41.385; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.422 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.728 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.785 mW/g
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.548 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.728 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.706 mW/g
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.526 W/kg



P101 802.11b_Right Cheek_Ch6

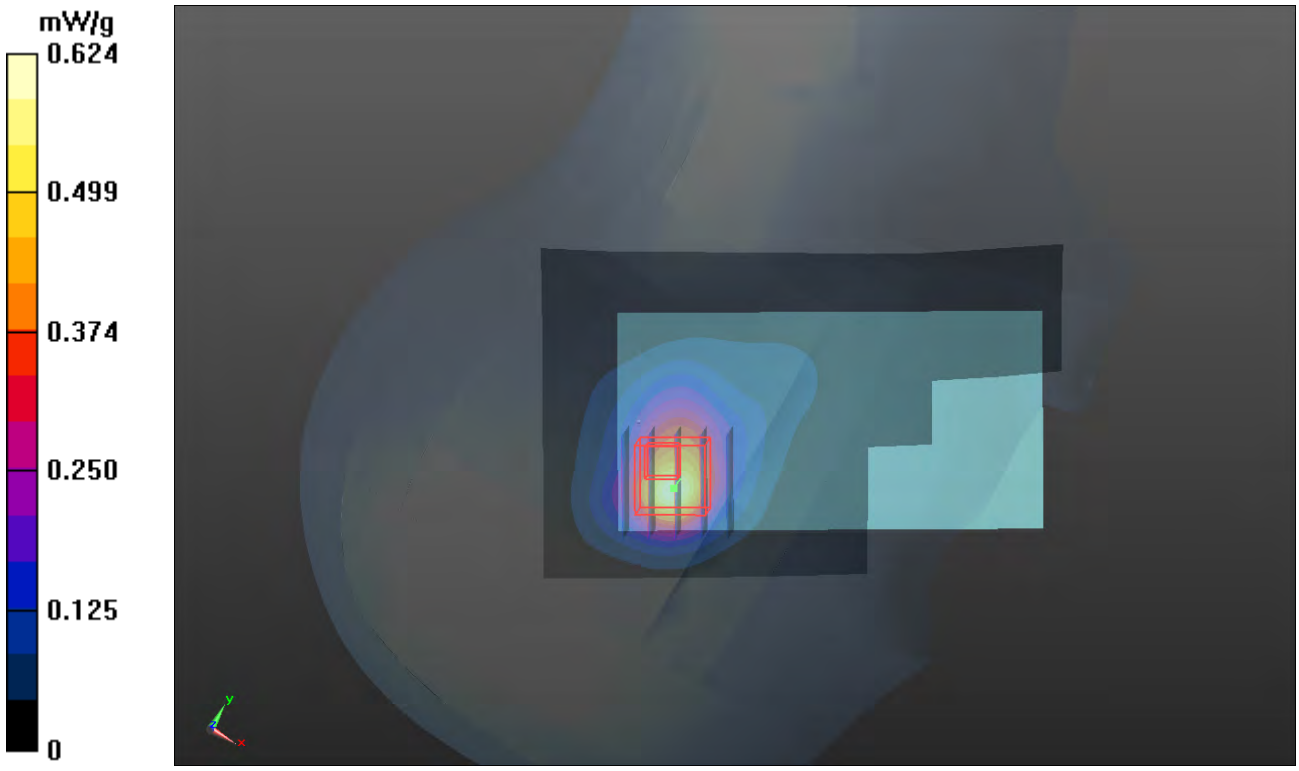
DUT: 120717C01

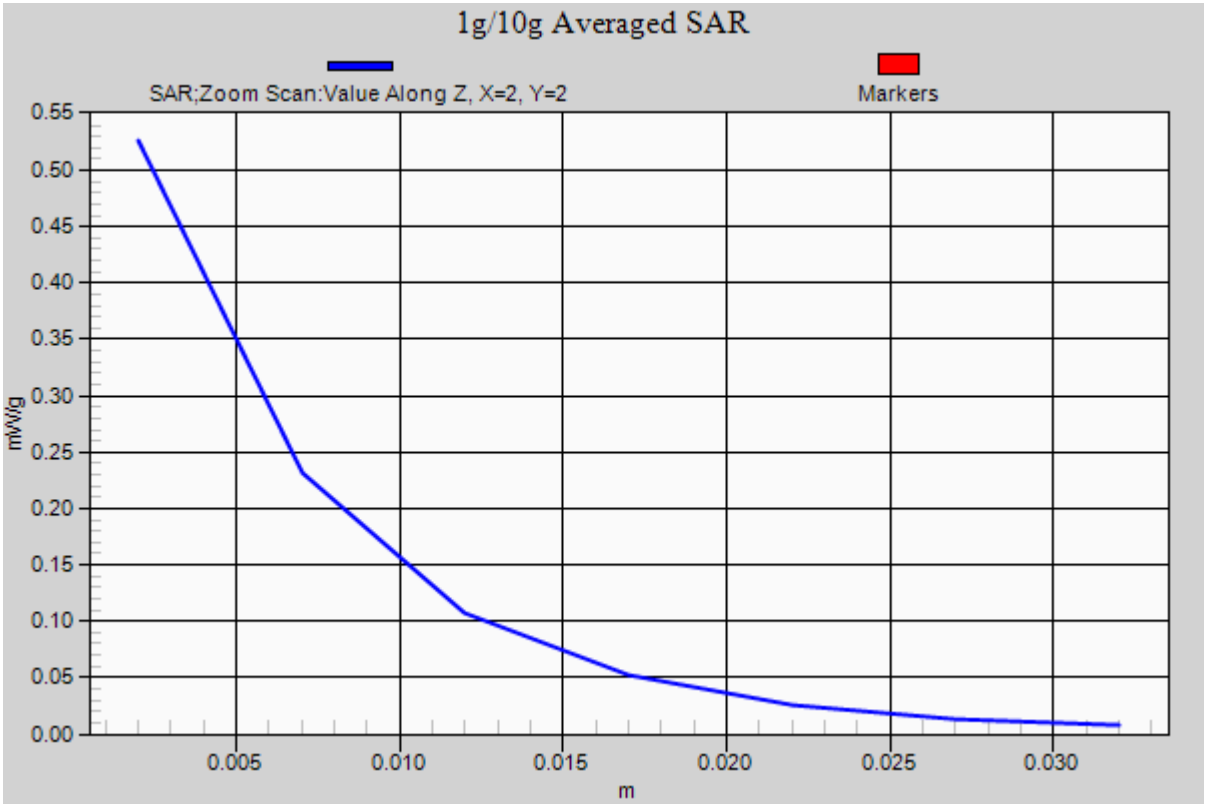
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0801 Medium parameters used: f = 2437 MHz; σ = 1.762 mho/m; ε_r = 40.236; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.624 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.770 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.776 mW/g
SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.526 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.55
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

P102 802.11b_Right Tilted_Ch6

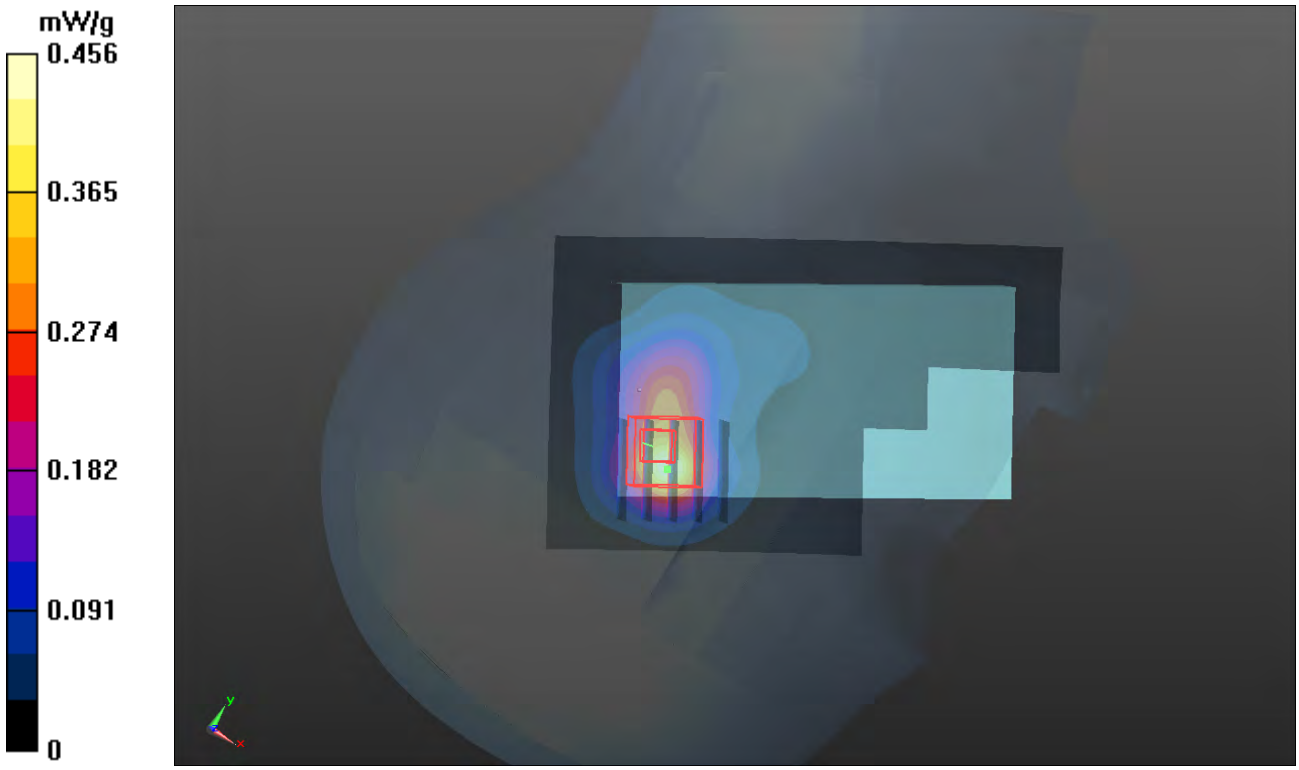
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0801 Medium parameters used: f = 2437 MHz; σ = 1.762 mho/m; ε_r = 40.236; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.456 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.434 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.674 mW/g
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.456 mW/g



P103 802.11b_Left Cheek_Ch6

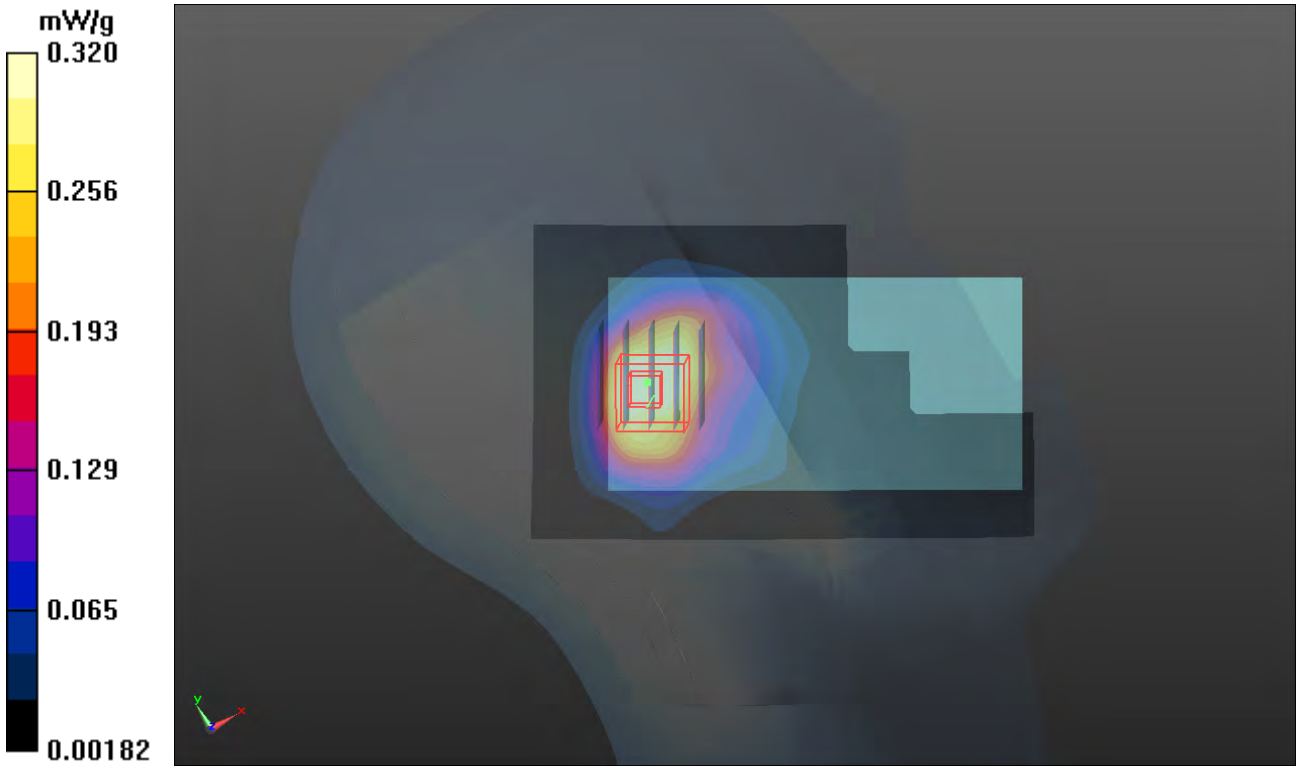
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0801 Medium parameters used: f = 2437 MHz; σ = 1.762 mho/m; ε_r = 40.236; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.380 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.338 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.395 mW/g
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.320 mW/g



P104 802.11b_Left Tilted_Ch6

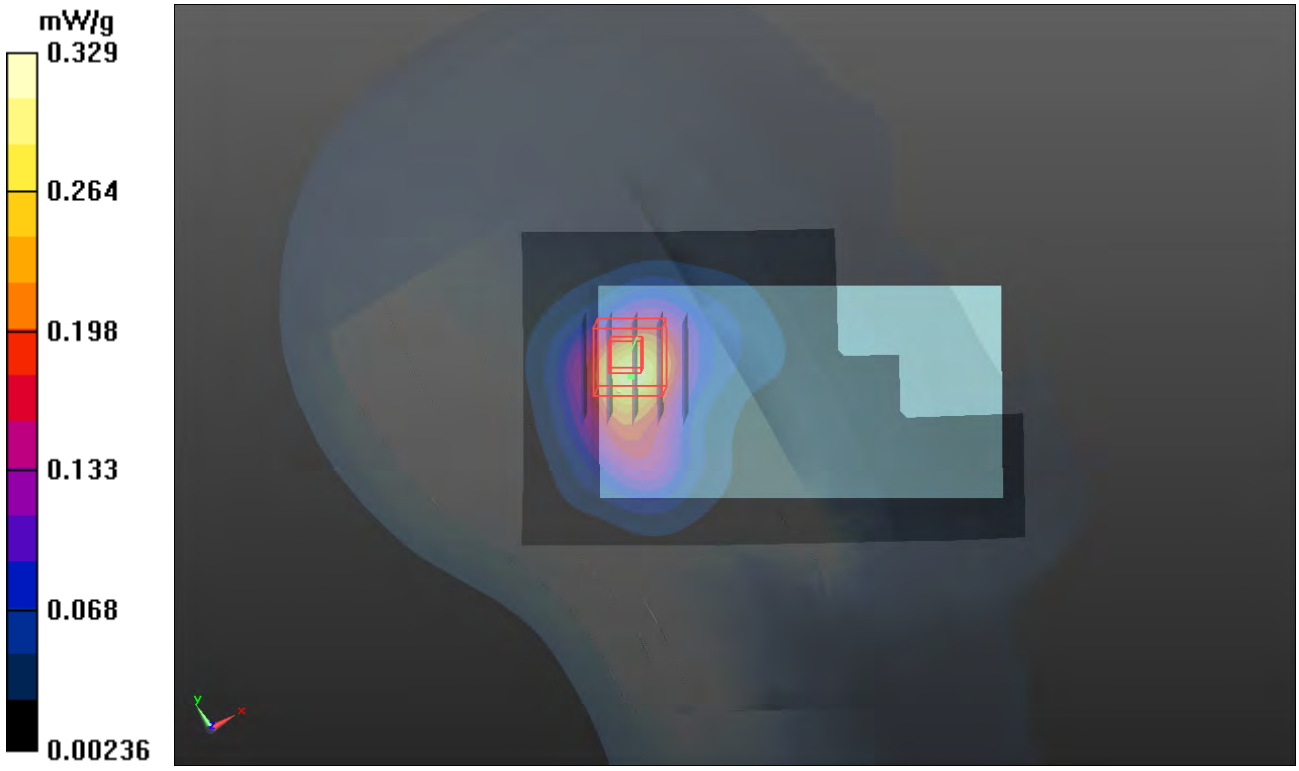
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_0801 Medium parameters used: f = 2437 MHz; σ = 1.762 mho/m; ε_r = 40.236; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.588 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.432 mW/g
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.329 mW/g



P111 802.11n HT20_Right Cheek_Ch48

DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5240 MHz; σ = 4.735 mho/m; ε_r = 36.912; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00172 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.400 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.000715 mW/g
SAR(1 g) = 3.51e-006 mW/g; SAR(10 g) = 3.41e-007 mW/g
Maximum value of SAR (measured) = 0.00515 mW/g

P112 802.11n HT20_Right Tilted_Ch48

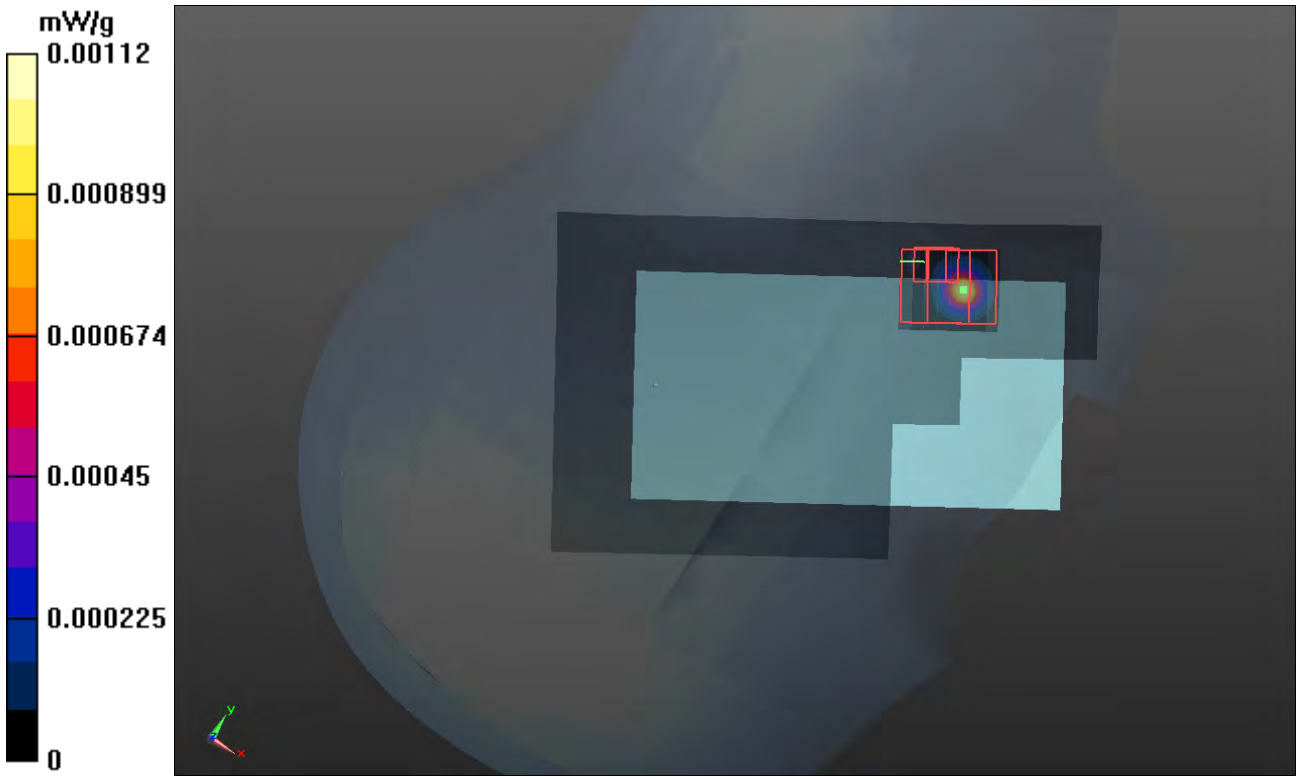
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5240 MHz; σ = 4.735 mho/m; ε_r = 36.912; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00112 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.125 mW/g
SAR(1 g) = 0.000264 mW/g; SAR(10 g) = 1.29e-005 mW/g
Maximum value of SAR (measured) = 0.125 mW/g



P113 802.11n HT20_Left Cheek_Ch48

DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5240 MHz; σ = 4.735 mho/m; ε_r = 36.912; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0891 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00168 mW/g
SAR(1 g) = 3.59e-006 mW/g; SAR(10 g) = 1.64e-007 mW/g
Maximum value of SAR (measured) = 0.0111 mW/g

P114 802.11n HT20_Left Tilted_Ch48

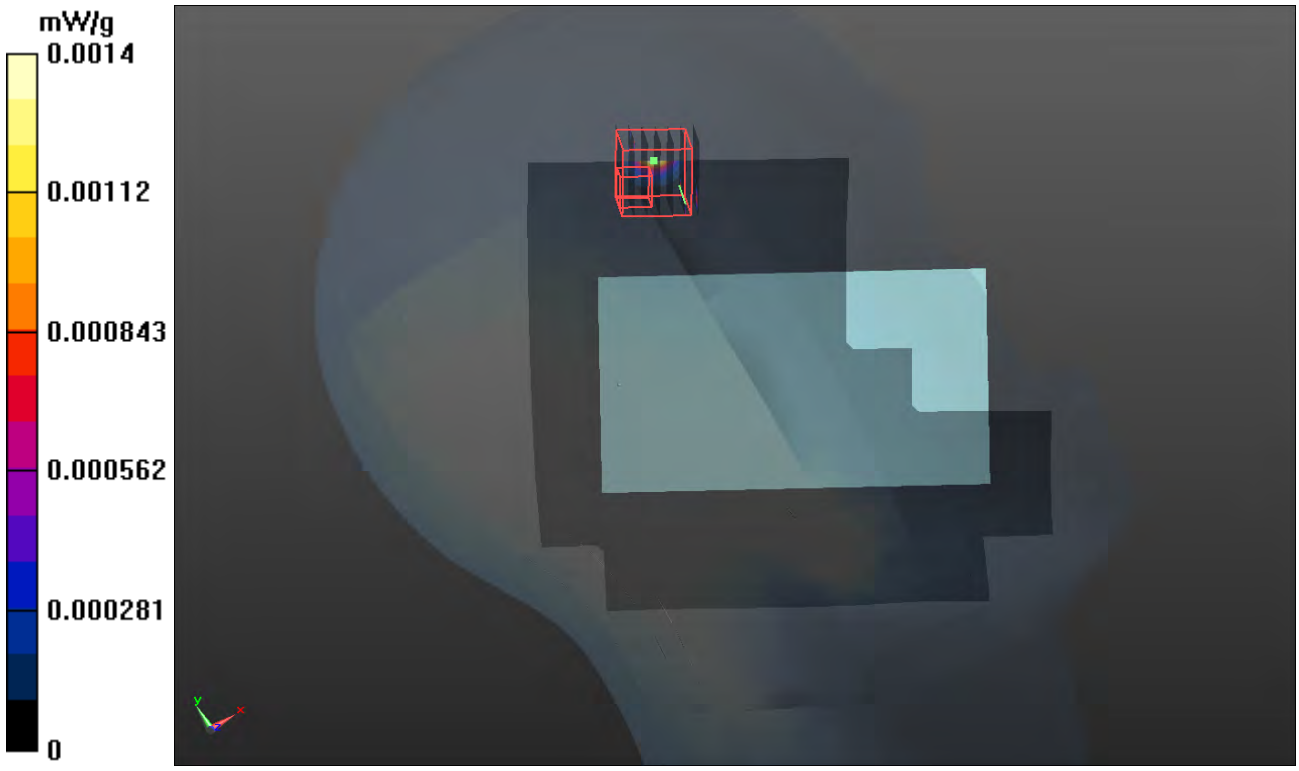
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5240 MHz; σ = 4.735 mho/m; ε_r = 36.912; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00140 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00597 mW/g
SAR(1 g) = 2.76e-005 mW/g; SAR(10 g) = 2.88e-006 mW/g
Maximum value of SAR (measured) = 0.0855 mW/g



P331 802.11a_Right Cheek_Ch48

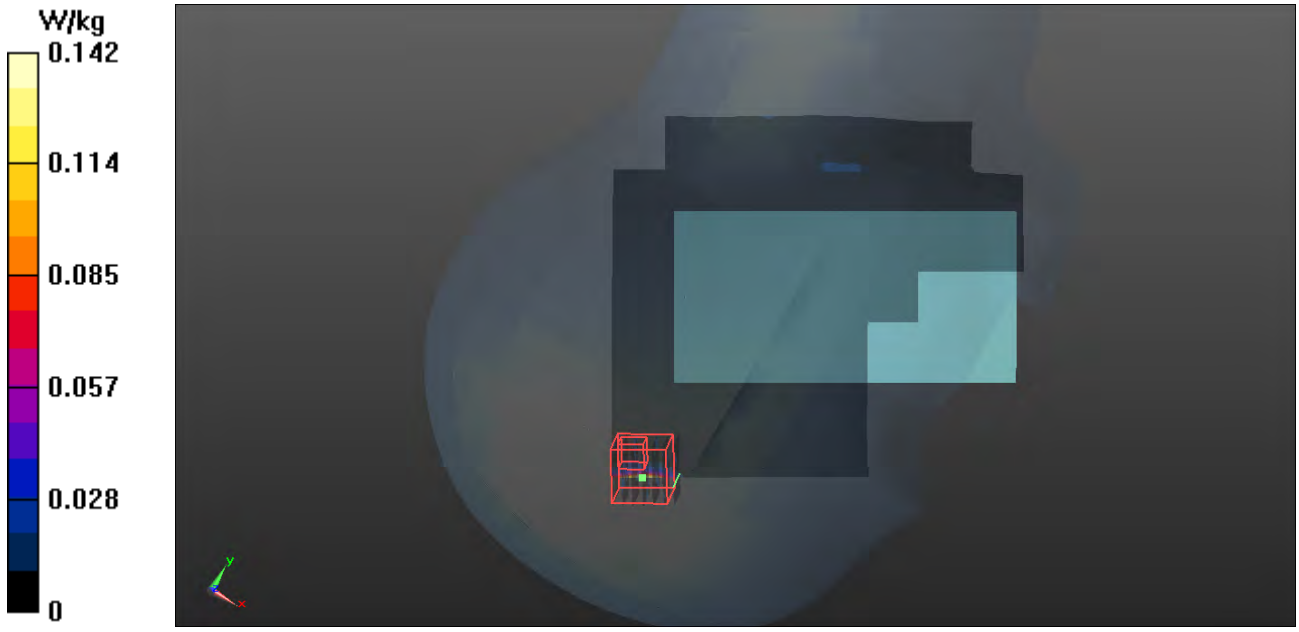
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5240 MHz; σ = 4.679 mho/m; ε_r = 36.698; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.142 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.476 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.025 mW/g
SAR(1 g) = 0.000000678 mW/g; SAR(10 g) = 0.0000000468 mW/g
Maximum value of SAR (measured) = 0.0349 W/kg



P308 802.11a_Right Tilted_Ch48

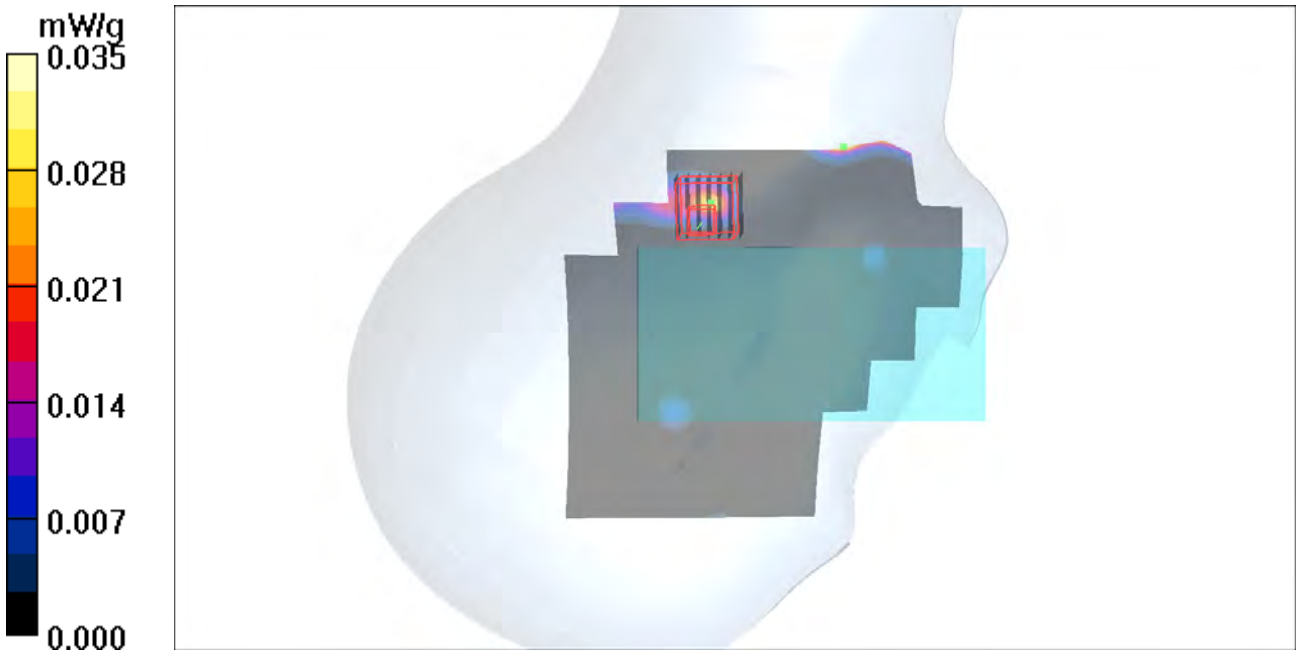
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0925 Medium parameters used: f = 5240 MHz; σ = 4.56 mho/m; ε_r = 36.3; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- 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

Ch48/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.035 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.901 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.000175 mW/g; SAR(10 g) = 1.75e-005 mW/g
Maximum value of SAR (measured) = 0.009 mW/g



P332 802.11a_Left Cheek_Ch48

DUT: 120717C01

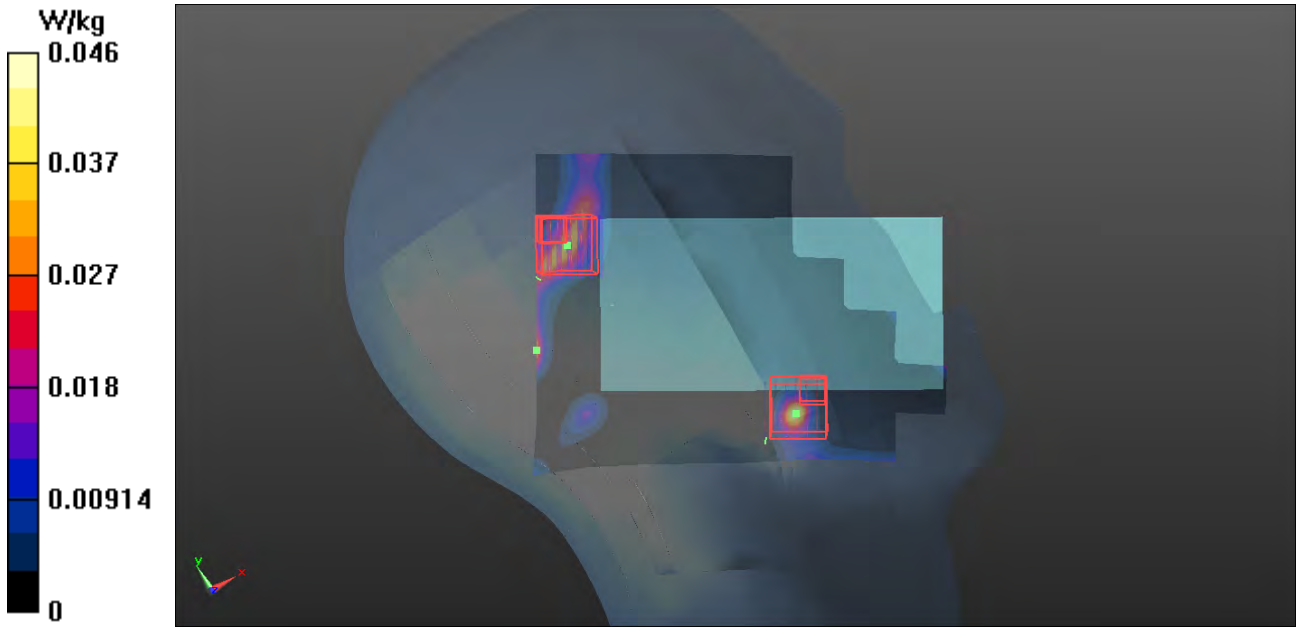
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5240 MHz; σ = 4.679 mho/m; ε_r = 36.698; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0457 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.293 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.216 mW/g
SAR(1 g) = 0.0000025 mW/g; SAR(10 g) = 0.000000018 mW/g
Maximum value of SAR (measured) = 0.0934 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.293 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.068 mW/g
SAR(1 g) = 0.0000022 mW/g; SAR(10 g) = 0.000000011 mW/g
Maximum value of SAR (measured) = 0.0387 W/kg



P117 802.11n HT20_Left Cheek_Ch64

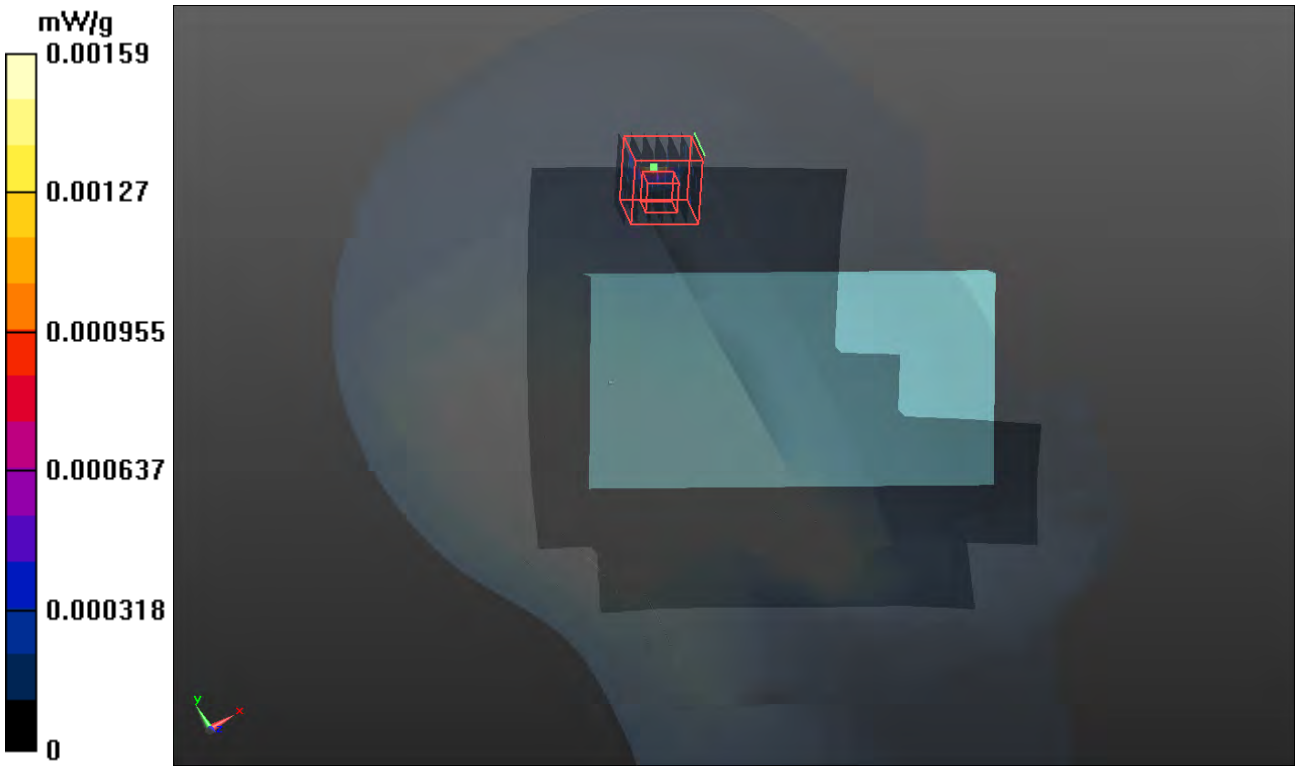
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5320 MHz; σ = 4.835 mho/m; ε_r = 36.739; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch64/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00159 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.140 mW/g
SAR(1 g) = 0.00186 mW/g; SAR(10 g) = 0.000171 mW/g
Maximum value of SAR (measured) = 0.0638 mW/g



P118 802.11n HT20_Left Tilted_Ch64

DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5320 MHz; σ = 4.835 mho/m; ε_r = 36.739; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch64/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0403 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.102 mW/g
SAR(1 g) = 0.00179 mW/g; SAR(10 g) = 0.000133 mW/g
Maximum value of SAR (measured) = 0.0511 mW/g

P309 802.11a_Left Cheek_Ch64

DUT: 120717C01

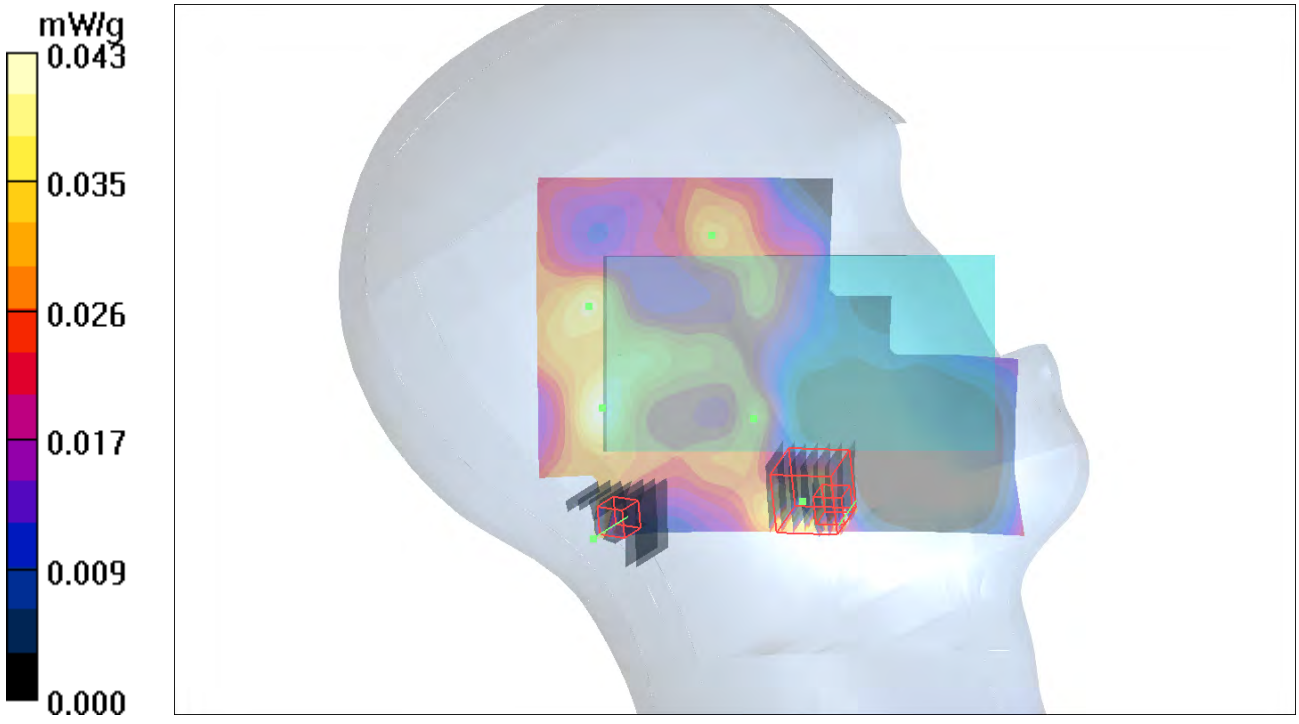
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: H5G_0925 Medium parameters used: f = 5320 MHz; σ = 4.57 mho/m; ε_r = 36.2; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- 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

Ch64/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.043 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.31 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.0013 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.026 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.31 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.000541 mW/g; SAR(10 g) = 8.27e-005 mW/g
Maximum value of SAR (measured) = 0.096 mW/g



P121 802.11n HT20_Left Cheek_Ch116

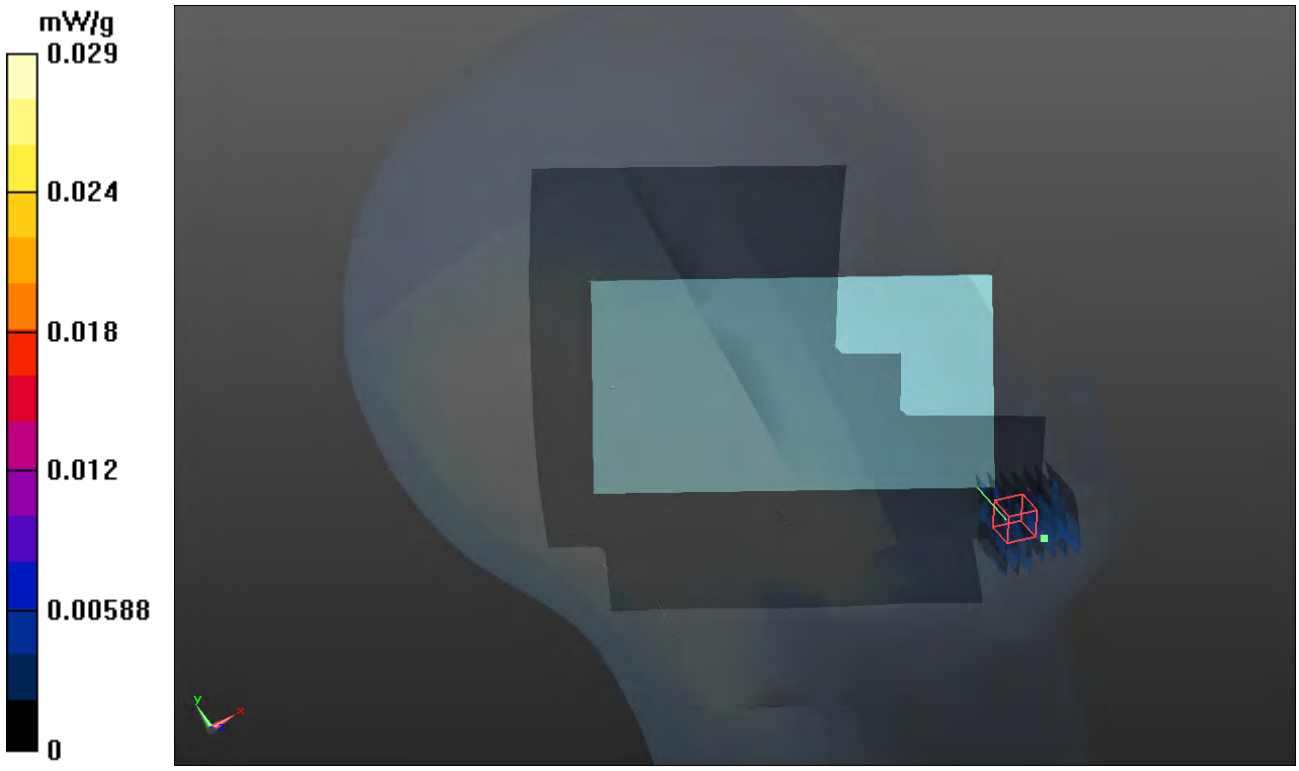
DUT: 120717C01

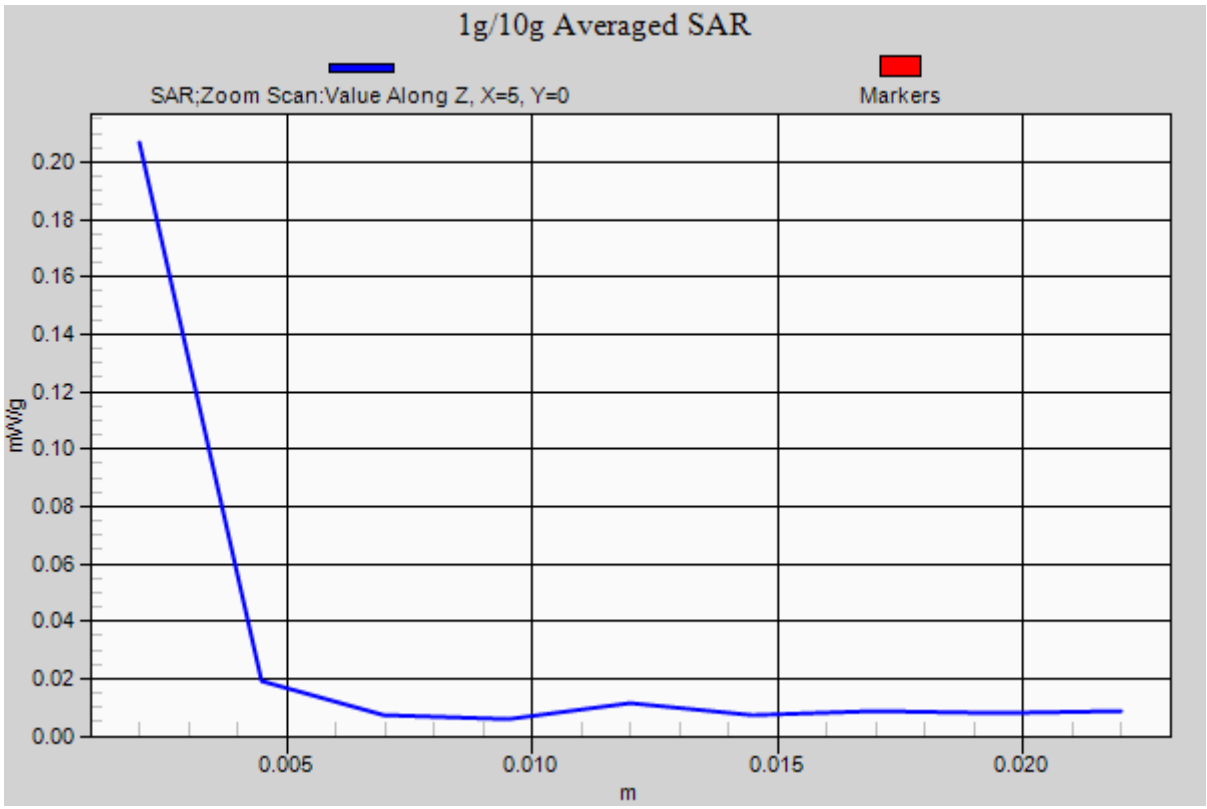
Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5580 MHz; σ = 5.154 mho/m; ε_r = 36.169; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch116/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0294 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.444 mW/g
SAR(1 g) = 0.00528 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.207 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=5, Y=0
Markers
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
W/kg
0.005
0.010
0.015
0.020
m

P310 802.11a_Left Cheek_Ch116

DUT: 120717C01

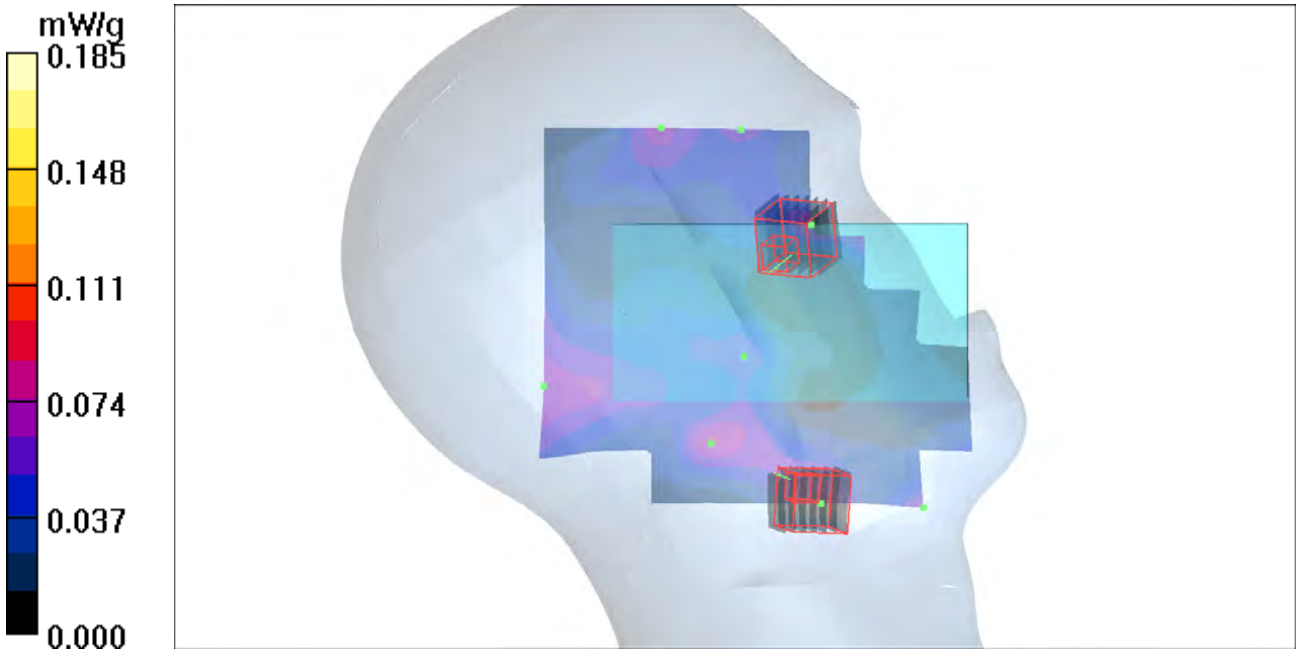
Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: H5G_0925 Medium parameters used: f = 5580 MHz; σ = 4.9 mho/m; ε_r = 35.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- 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

Ch116/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.50 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.00064 mW/g; SAR(10 g) = 2.92e-005 mW/g
Maximum value of SAR (measured) = 0.185 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.50 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 8.46e-005 mW/g; SAR(10 g) = 6.27e-006 mW/g
Maximum value of SAR (measured) = 0.017 mW/g



P123 802.11n HT20_Right Cheek_Ch149

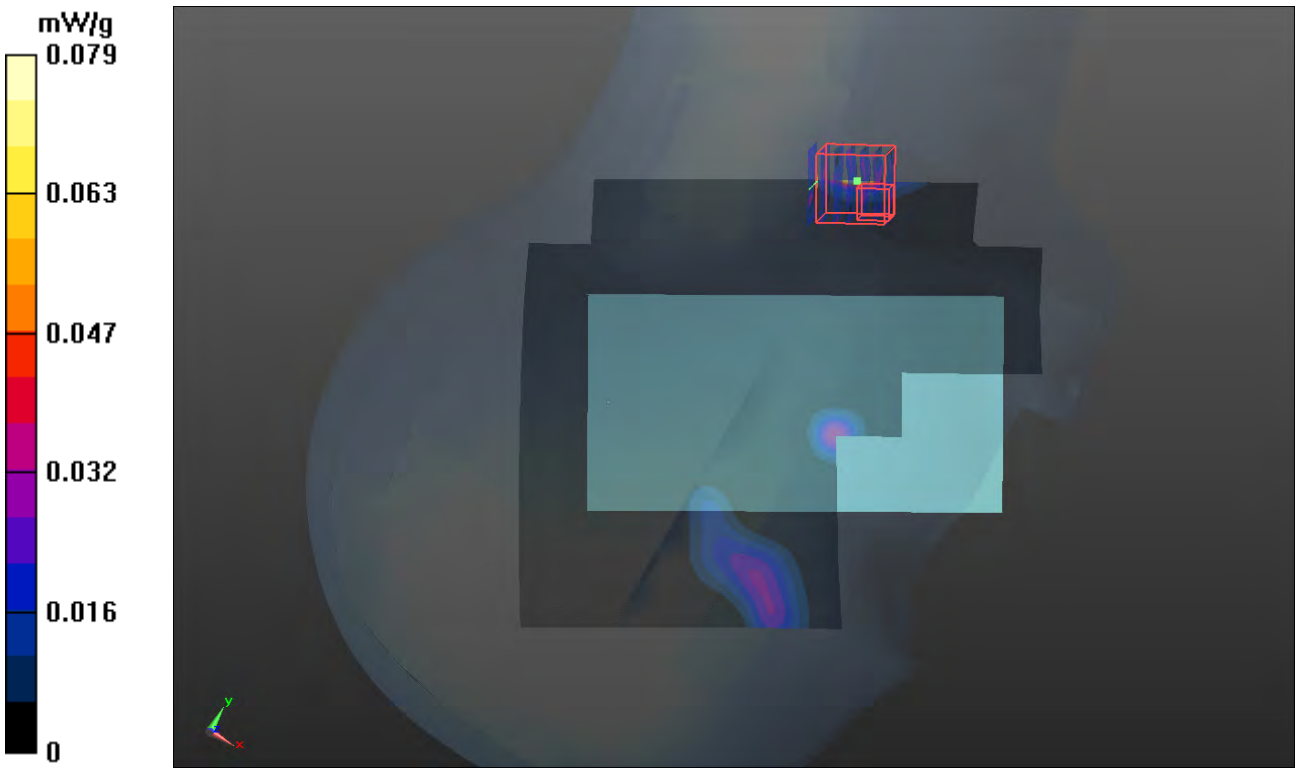
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5745 MHz; σ = 5.358 mho/m; ε_r = 35.856; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch149/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0791 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.201 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.131 mW/g
SAR(1 g) = 0.00185 mW/g; SAR(10 g) = 0.000498 mW/g
Maximum value of SAR (measured) = 0.0680 mW/g



P125 802.11n HT20_Left Cheek_Ch149

DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5745 MHz; σ = 5.358 mho/m; ε_r = 35.856; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch149/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0170 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.00172 mW/g
SAR(1 g) = 1.79e-005 mW/g; SAR(10 g) = 2.26e-006 mW/g
Maximum value of SAR (measured) = 0.0490 mW/g

P126 802.11n HT20_Left Tilted_Ch149

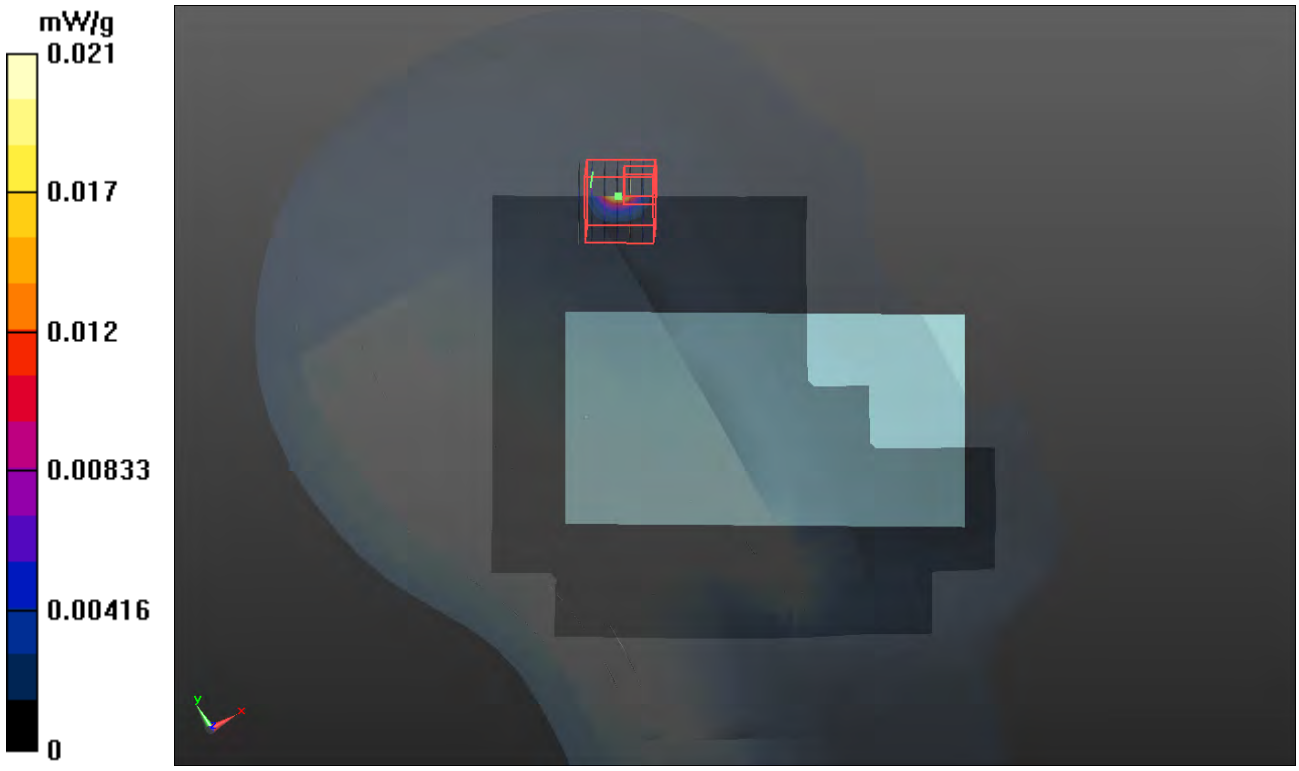
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: H5G_0803 Medium parameters used: f = 5745 MHz; σ = 5.358 mho/m; ε_r = 35.856; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch149/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0208 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.019 mW/g
SAR(1 g) = 4.58e-005 mW/g; SAR(10 g) = 2.1e-006 mW/g.
Maximum value of SAR (measured) = 0.147 mW/g



P311 802.11a_Right Cheek_Ch149

DUT: 120717C01

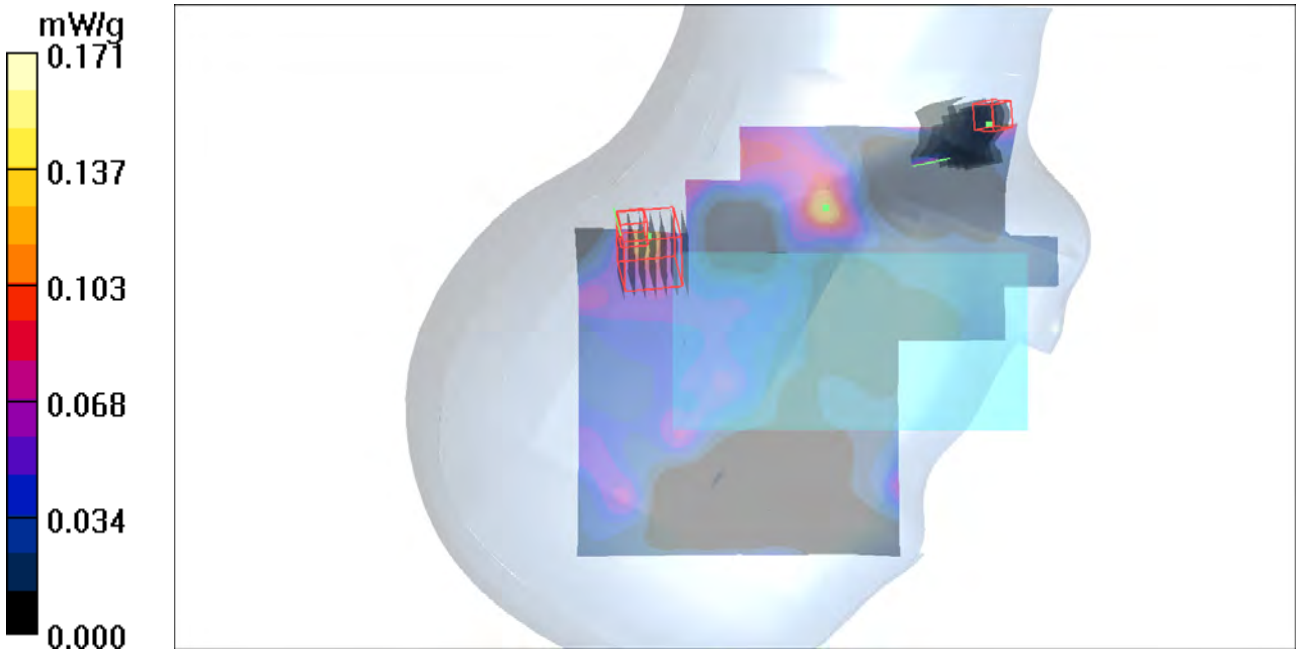
Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: H5G_0925 Medium parameters used: f = 5745 MHz; σ = 5.03 mho/m; ε_r = 36.1; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- 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

Ch149/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.171 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.31 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.000296 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.084 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.31 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.015 W/kg
SAR(1 g) = 1.31e-006 mW/g; SAR(10 g) = 9.68e-008 mW/g
Maximum value of SAR (measured) = 0.015 mW/g



P341 802.11a_Left Cheek_Ch149

DUT: 120717C01

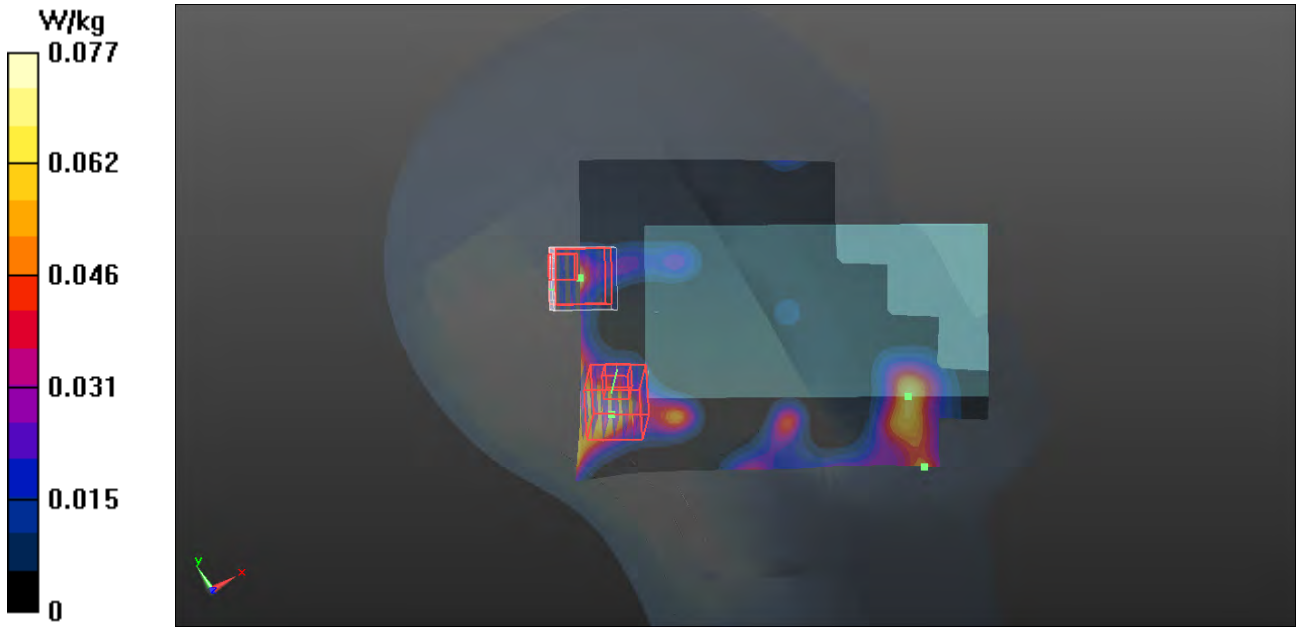
Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5745 MHz; σ = 5.139 mho/m; ε_r = 36.452; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0771 W/kg

Ch149/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.013 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.232 mW/g
SAR(1 g) = 0.000017 mW/g; SAR(10 g) = 0.0000015 mW/g
Maximum value of SAR (measured) = 0.109 W/kg

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.013 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.113 mW/g
SAR(1 g) = 0.0000001 mW/g; SAR(10 g) = 0.00000000514 mW/g
Maximum value of SAR (measured) = 0.113 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/01

P01 GSM850_GPRS12_Front Face _1cm_Ch128

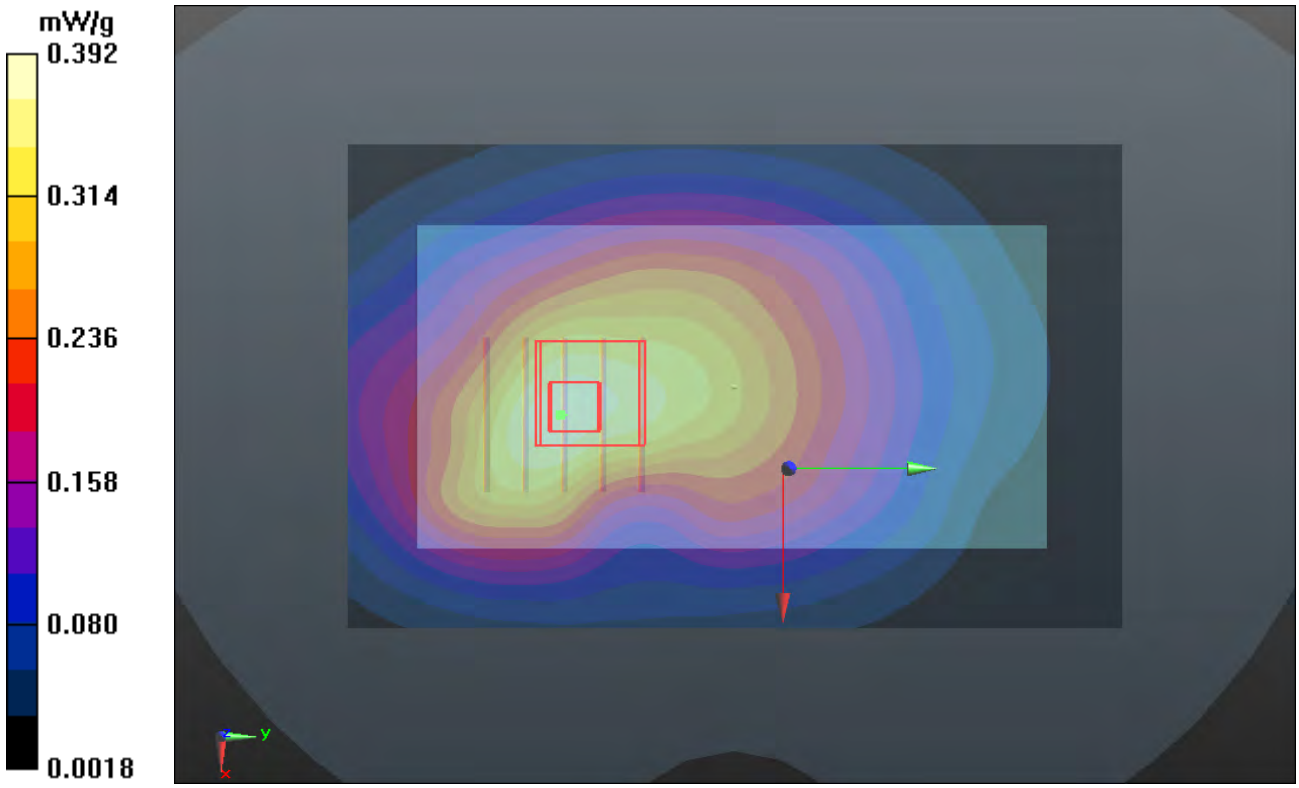
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.732 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.450 mW/g
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.250 mW/g
Maximum value of SAR (measured) = 0.396 mW/g



P02 GSM850_GPRS12_Rear Face_1cm_Ch128

DUT: 120717C01

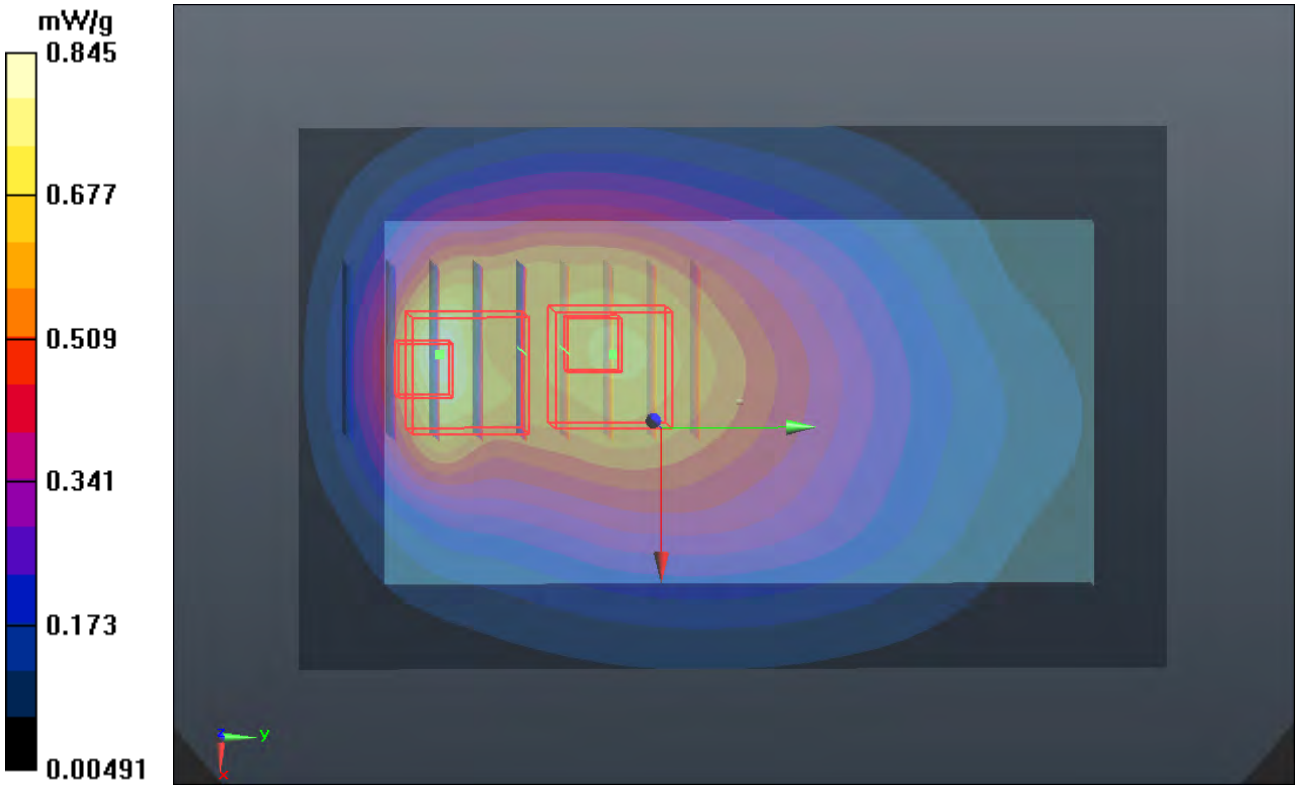
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

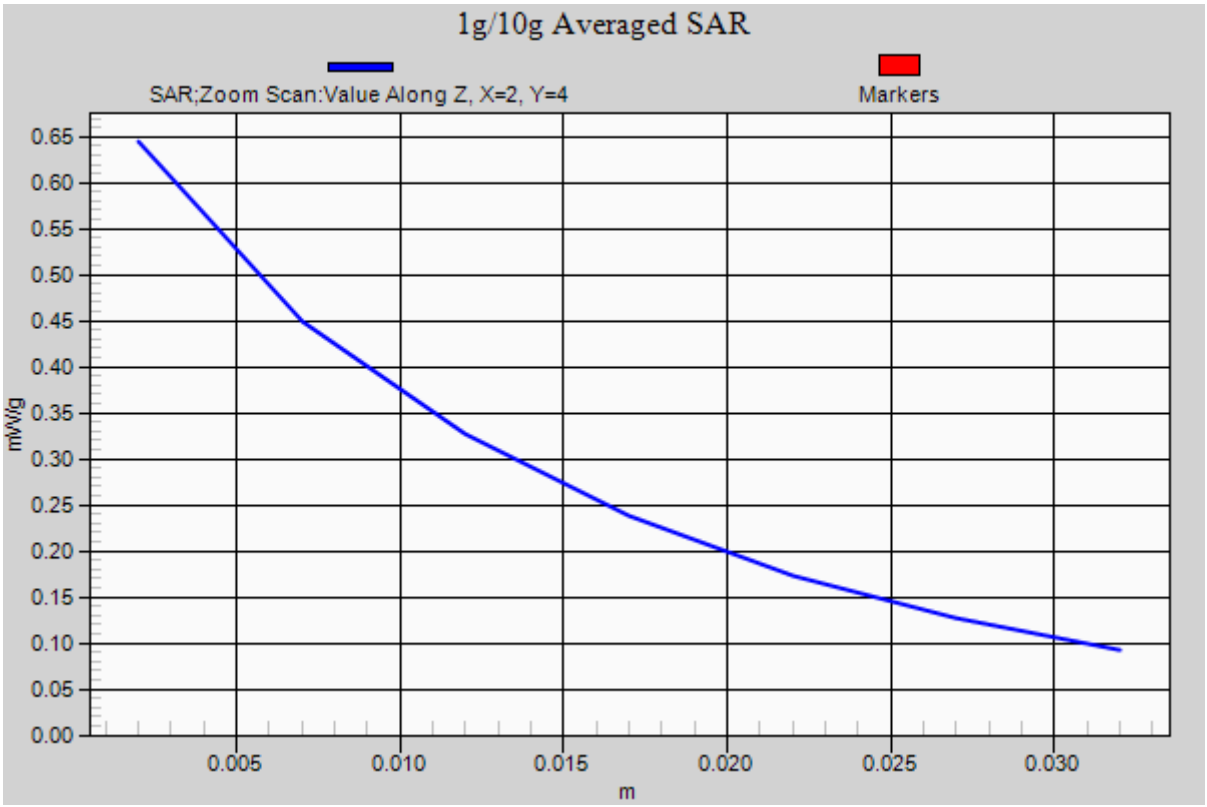
DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.845 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.667 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.936 mW/g
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.746 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.667 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.783 mW/g
SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.321 mW/g
Maximum value of SAR (measured) = 0.644 mW/g




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

P07 GSM850_GPRS12_Left Side_1cm_Ch128

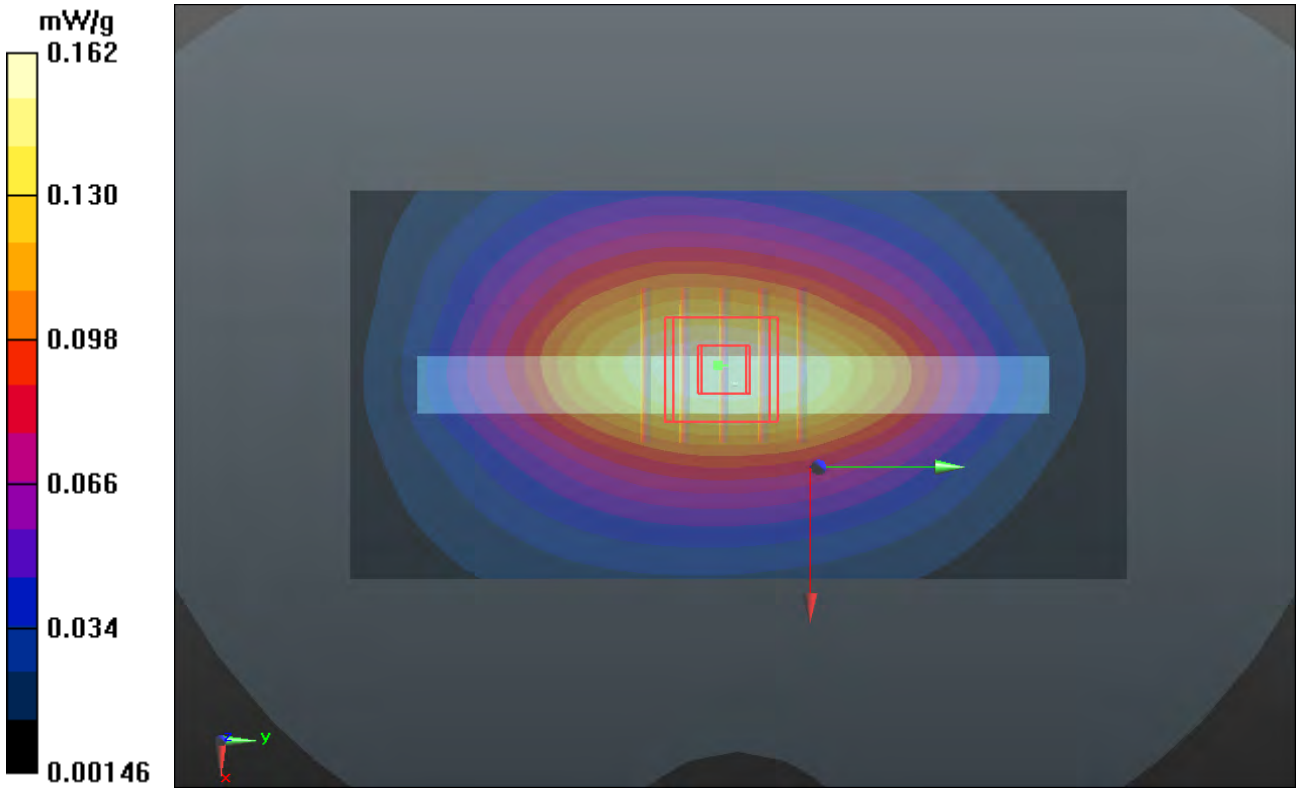
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.178 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.186 mW/g
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.162 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/01

P08 GSM850_GPRS12_Right Side_1cm_Ch128

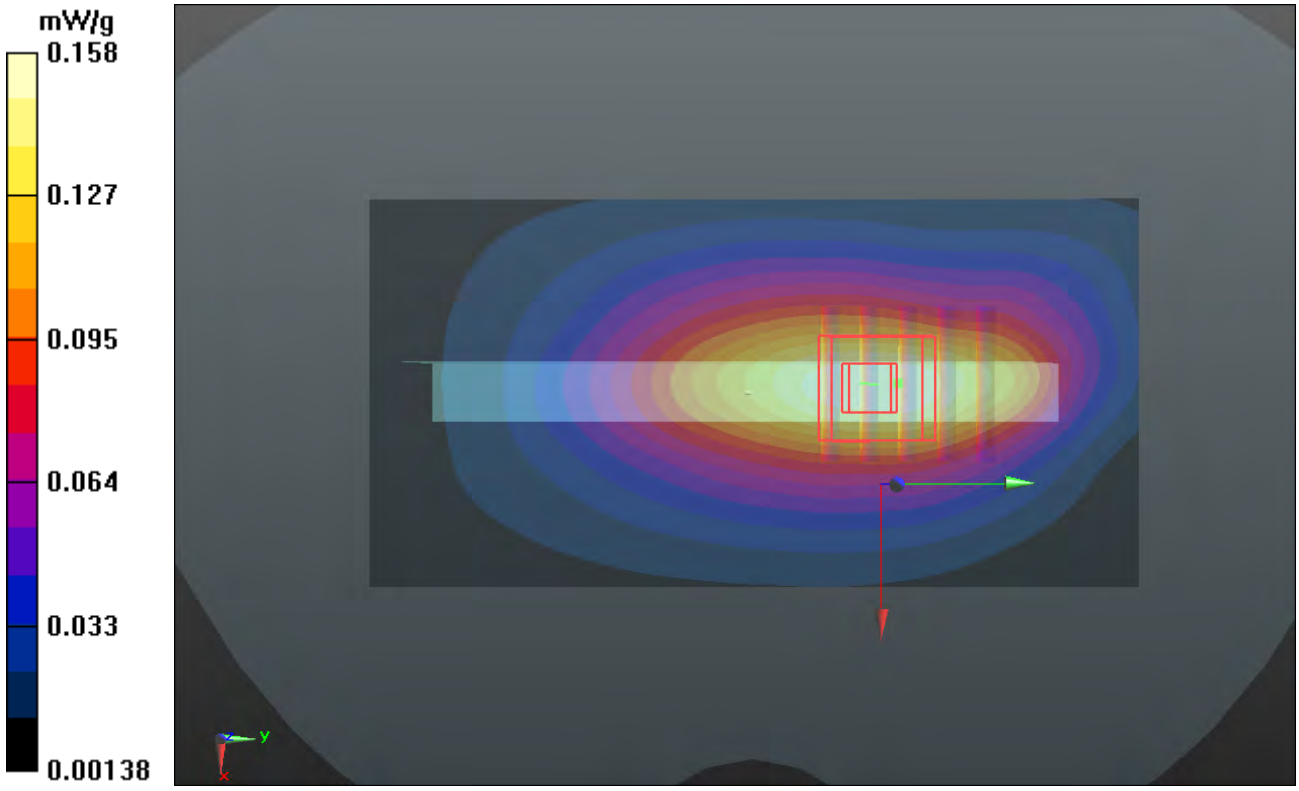
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.158 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.853 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.182 mW/g
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



P09 GSM850_GPRS12_Bottom Side_1cm_Ch128

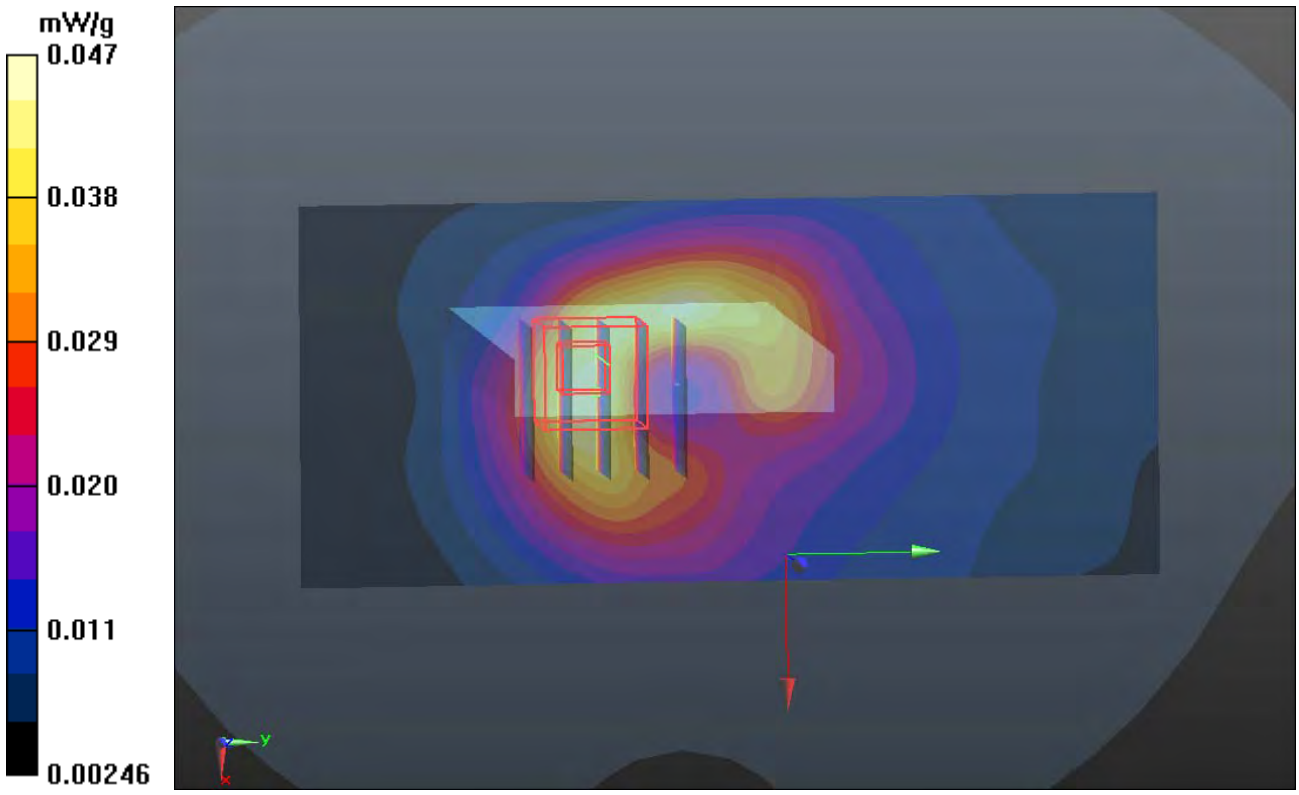
DUT: 120717C01

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0465 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.225 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 0.066 mW/g
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0517 mW/g



P10 GSM850_GPRS12_Front Face _1cm_Ch128_Earphone

DUT: 120717C01

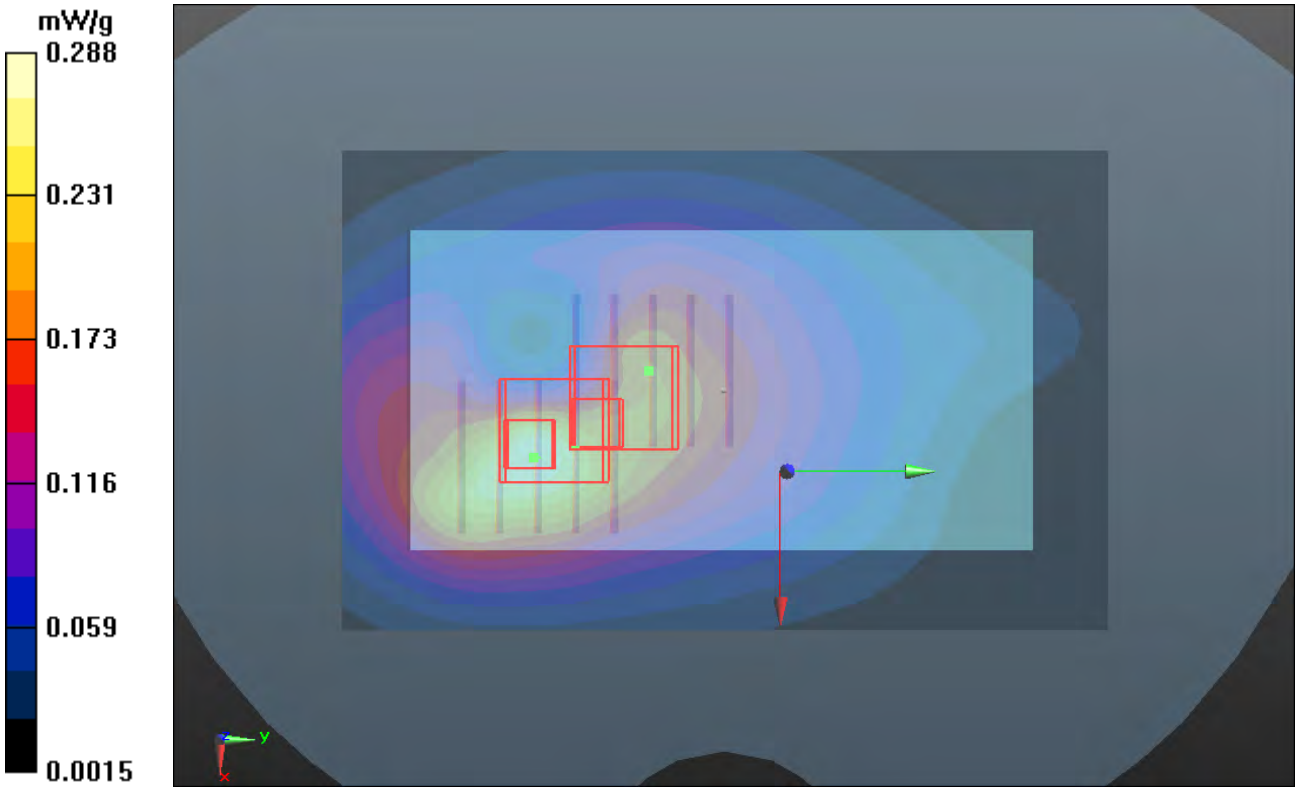
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.360 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.344 mW/g
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.284 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.360 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.288 mW/g
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.256 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/01

P11 GSM850_GPRS12_Rear Face_1cm_Ch128_Earphone

DUT: 120717C01

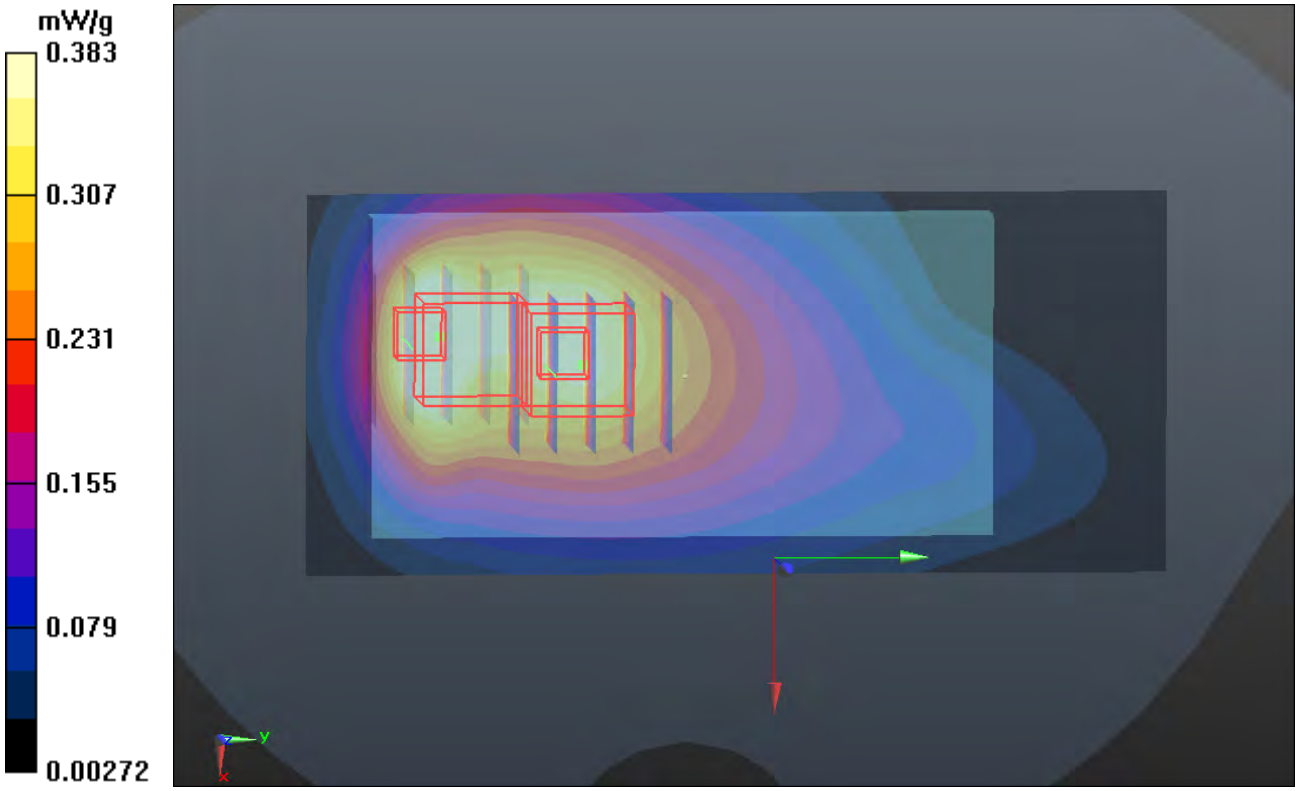
Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:1.99986
Medium: B835_0801 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 55.945; ρ = 1000 kg/m3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch128/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.455 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.466 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.472 mW/g
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.409 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.466 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.498 mW/g
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.383 mW/g



P12 GSM1900_GPRS12_Front Face_1cm_Ch512

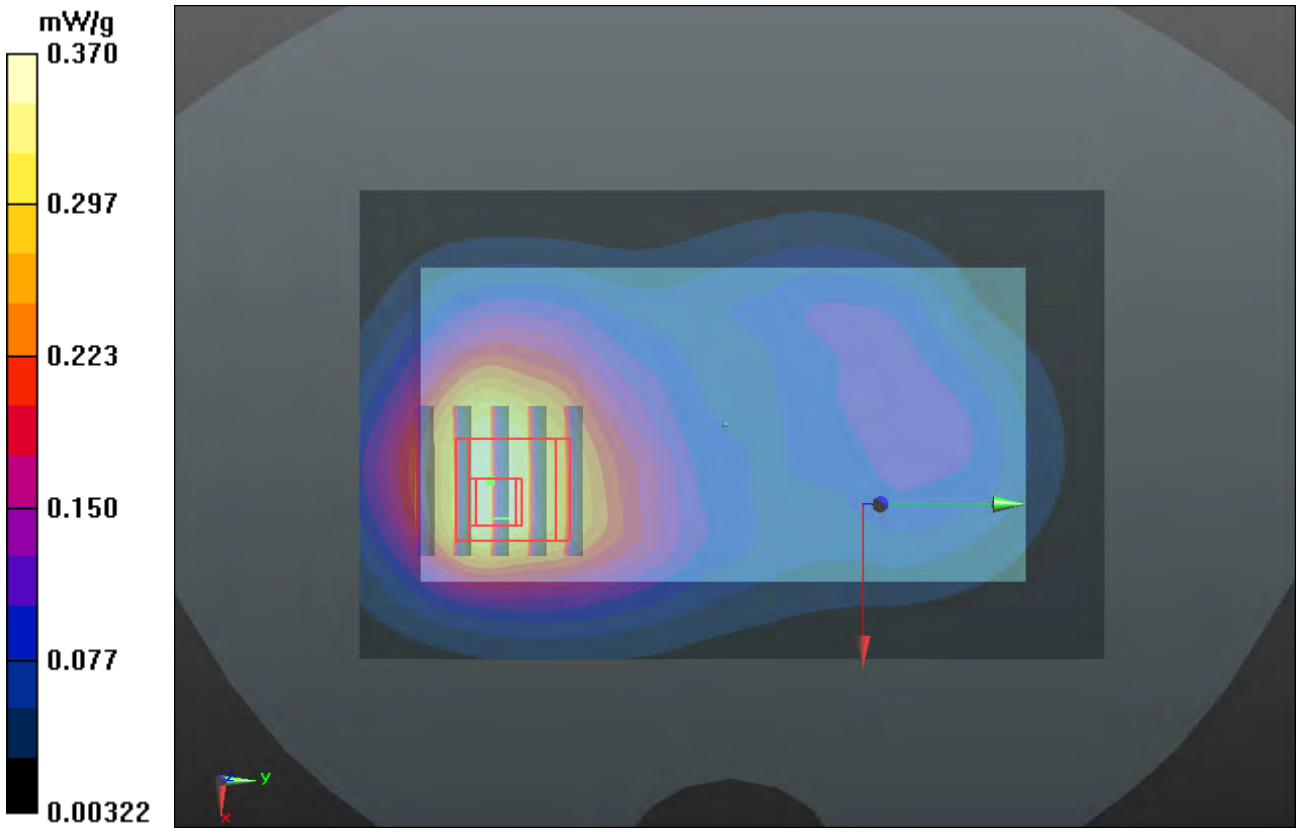
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.370 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.157 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.439 mW/g
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.355 mW/g



P13 GSM1900_GPRS12_Rear Face_1cm_Ch512

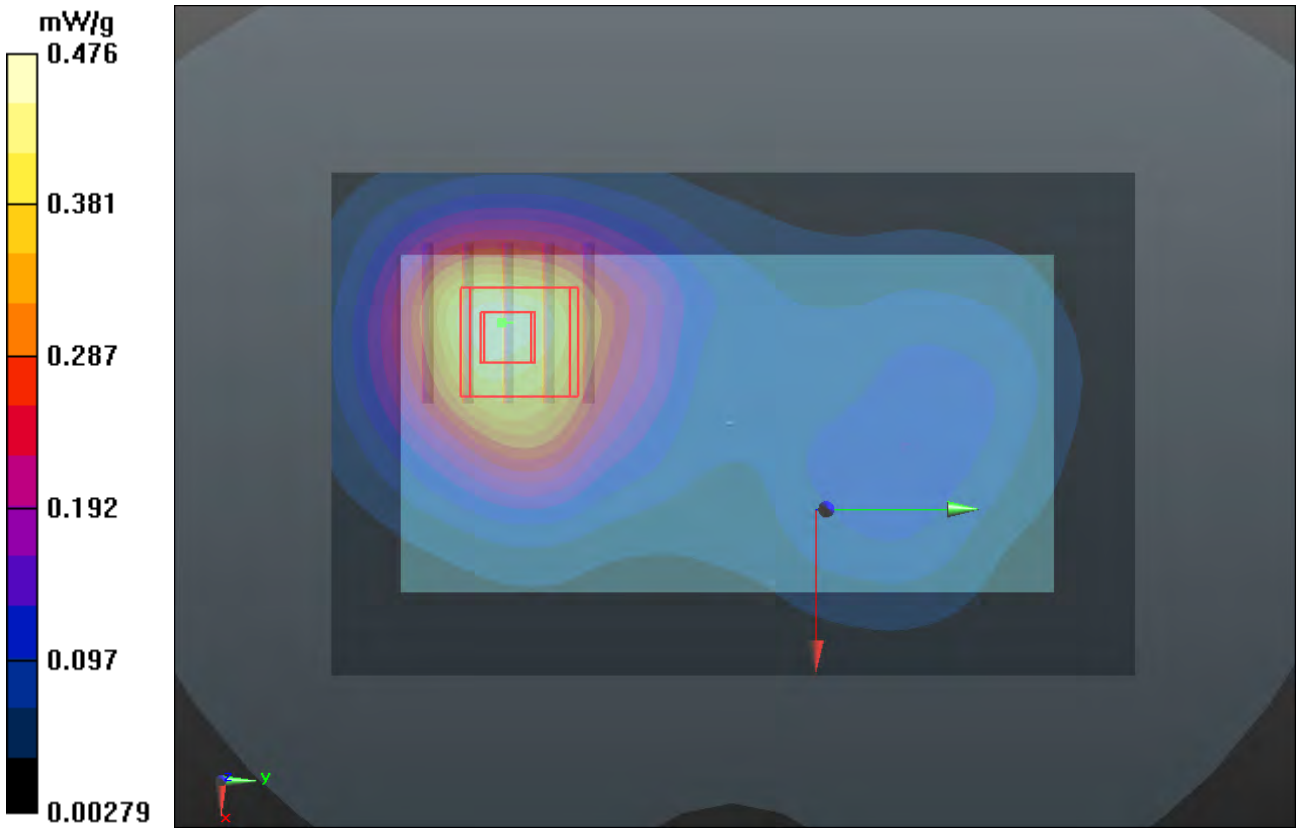
DUT: 120717C01

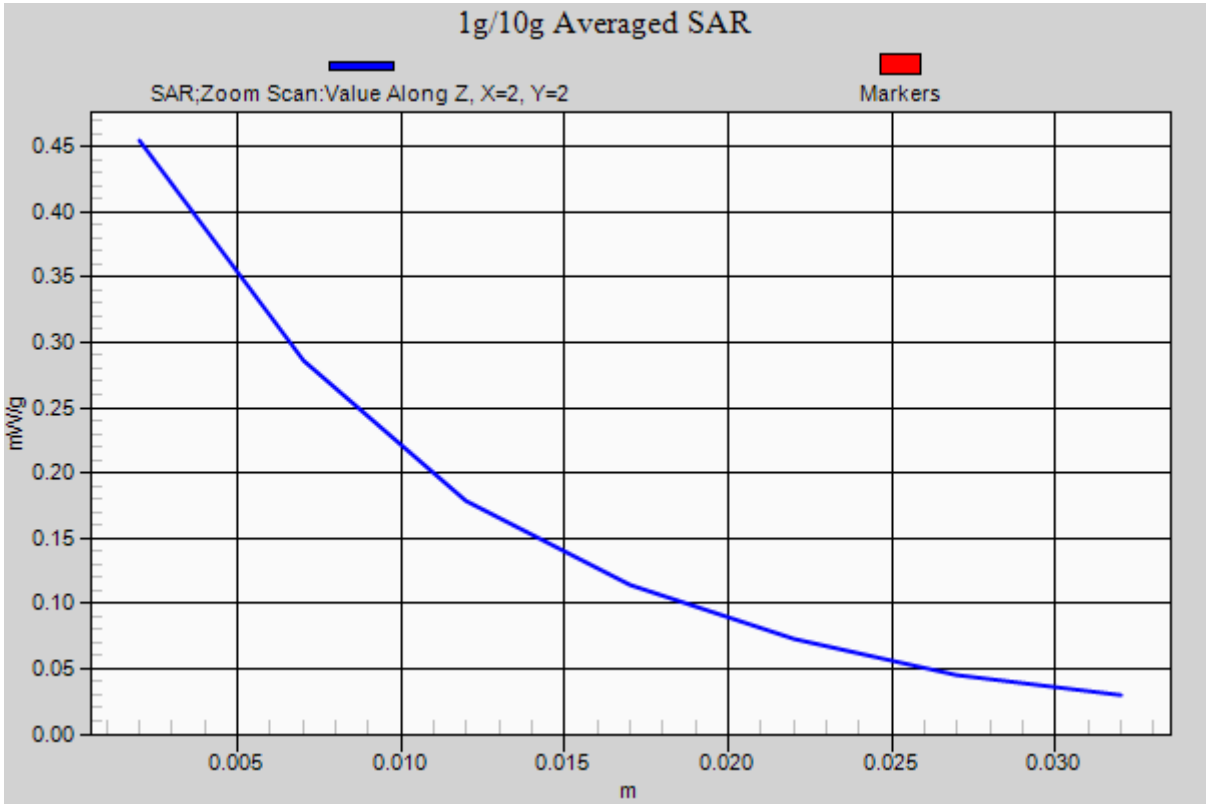
Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.476 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.911 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.553 mW/g
SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.454 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

P14 GSM1900_GPRS12_Left Side_1cm_Ch512

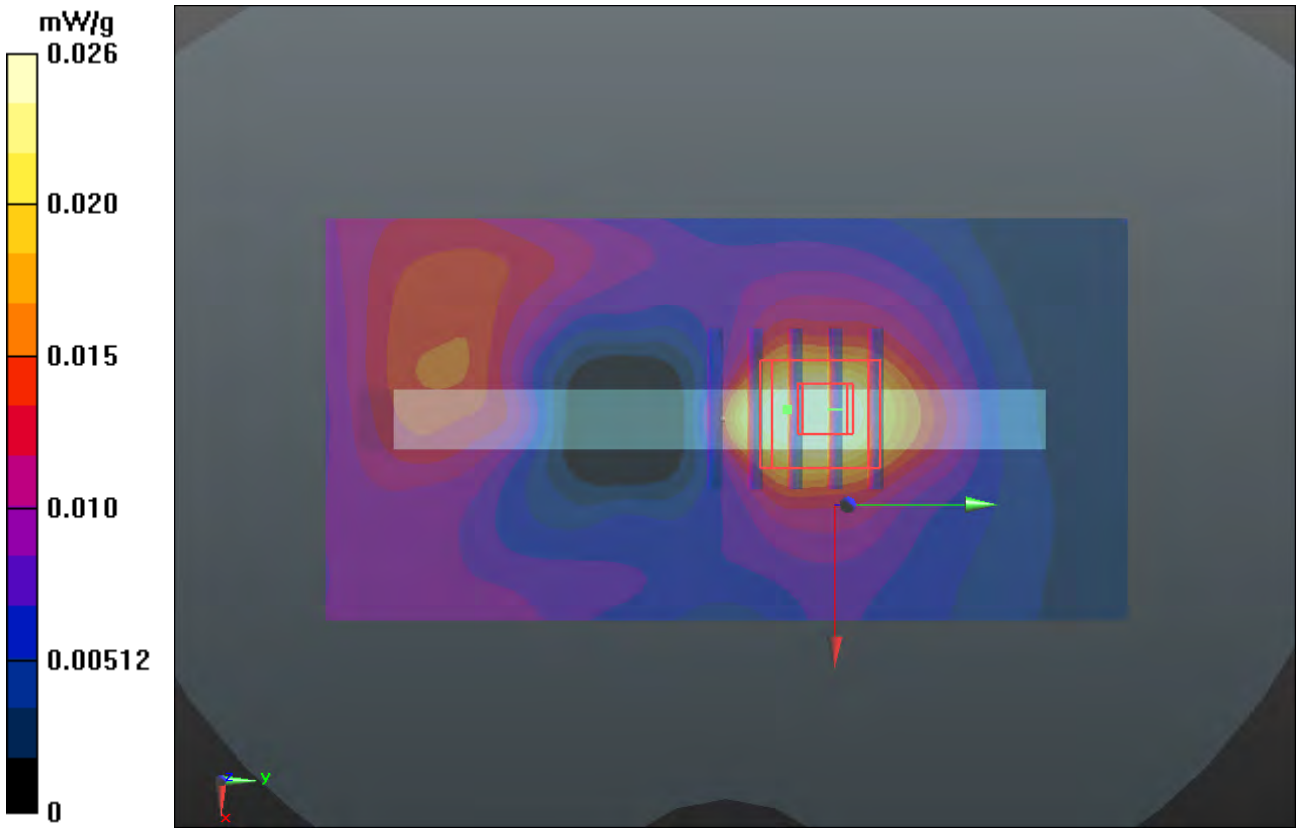
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0256 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.121 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.040 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.0253 mW/g



P15 GSM1900_GPRS12_Right Side_1cm_Ch512

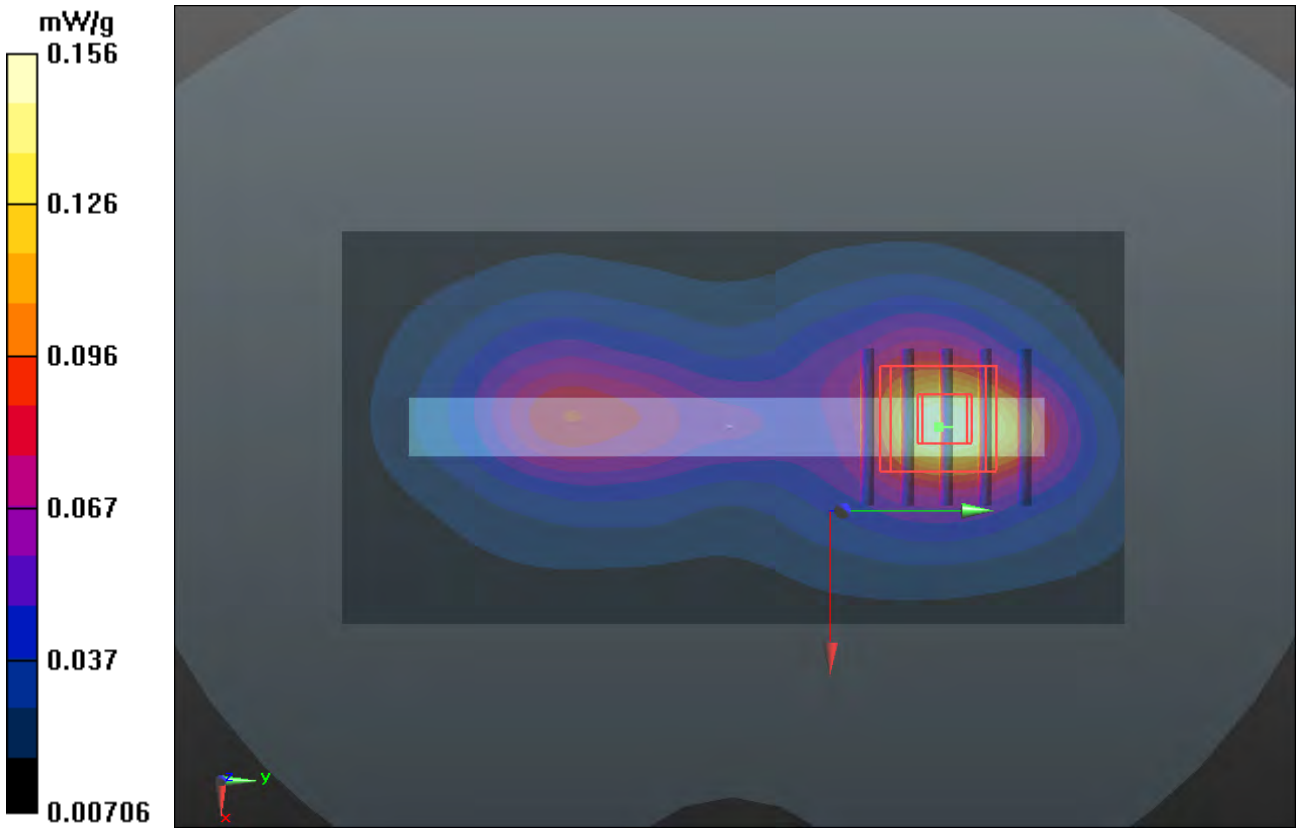
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.792 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.191 mW/g
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



P16 GSM1900_GPRS12_Bottom Side_1cm_Ch512

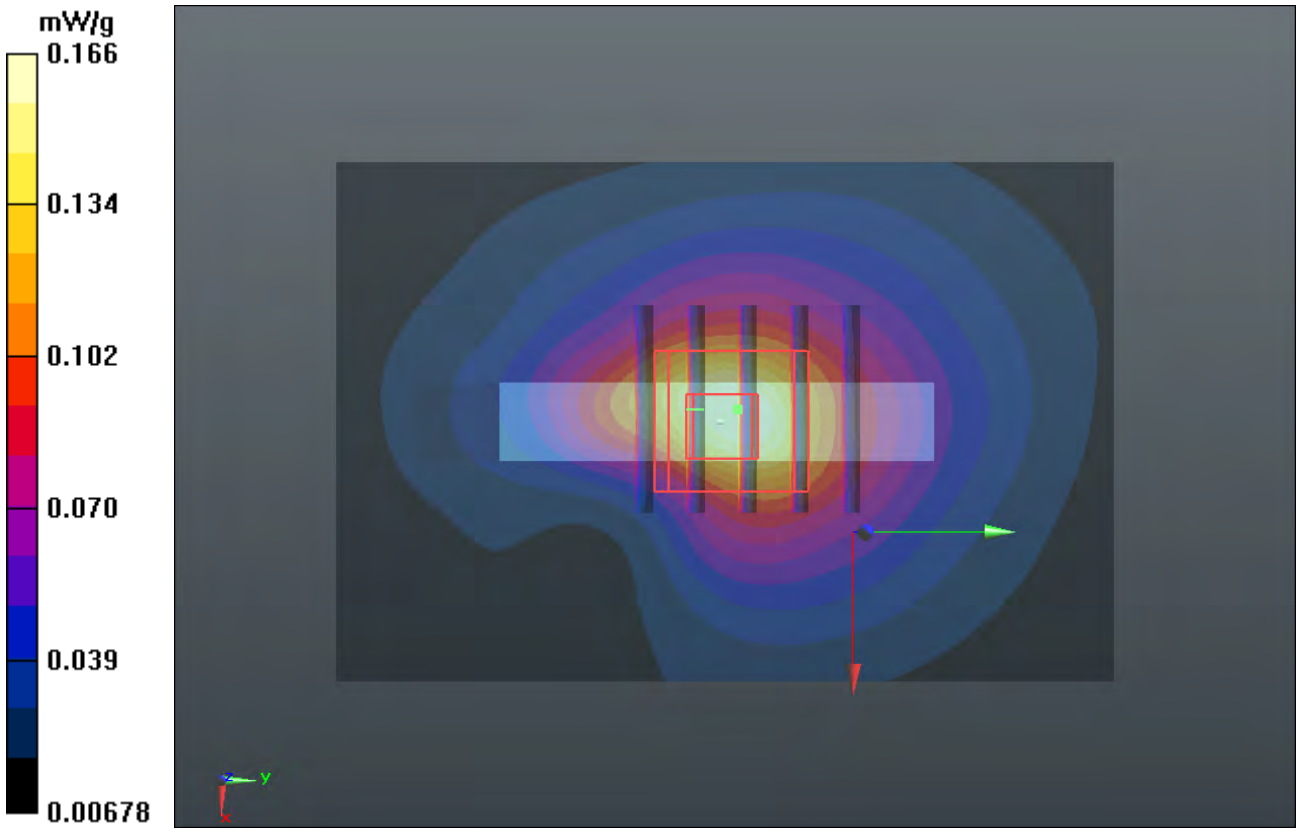
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.644 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.197 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



P17 GSM1900_GPRS12_Front Face_1cm_Ch512_Earphone

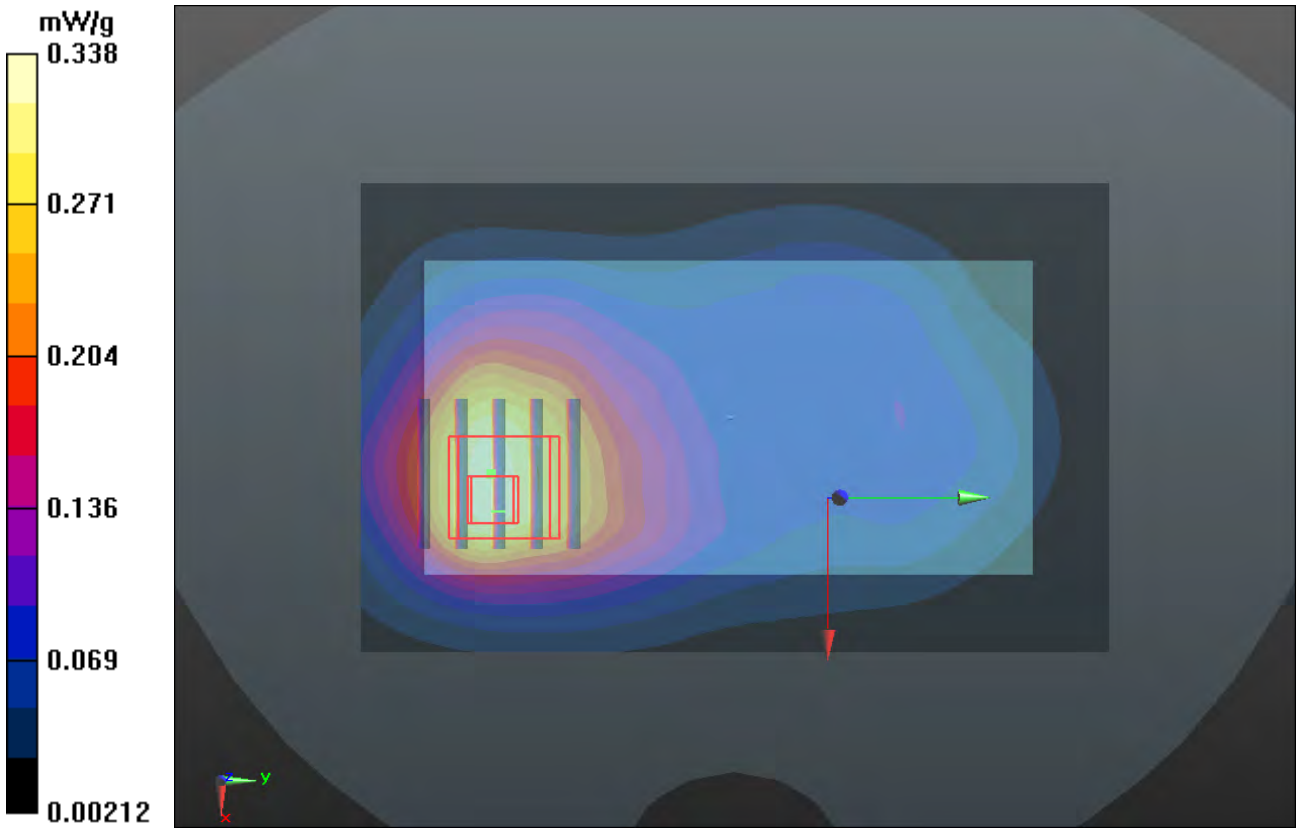
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.338 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.421 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.418 mW/g
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.340 mW/g



P18 GSM1900_GPRS12_Rear Face_1cm_Ch512_Earphone

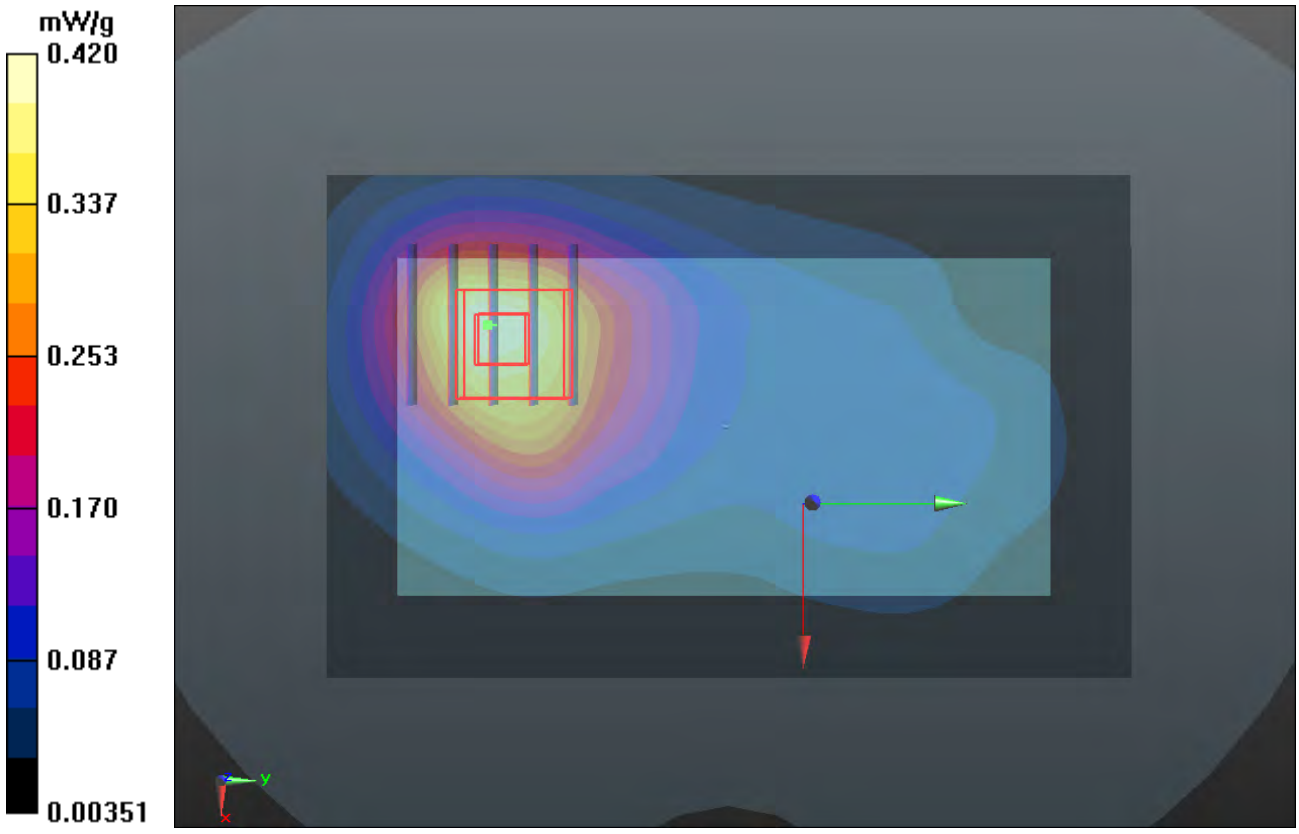
DUT: 120717C01

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:1.99986
Medium: B1900_0801 Medium parameters used: f = 1850.2 MHz; σ = 1.484 mho/m; ε_r = 53.205; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.653 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.485 mW/g
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.396 mW/g



P19 WCDMA V_RMC12.2K_Front Face _1cm_Ch4132

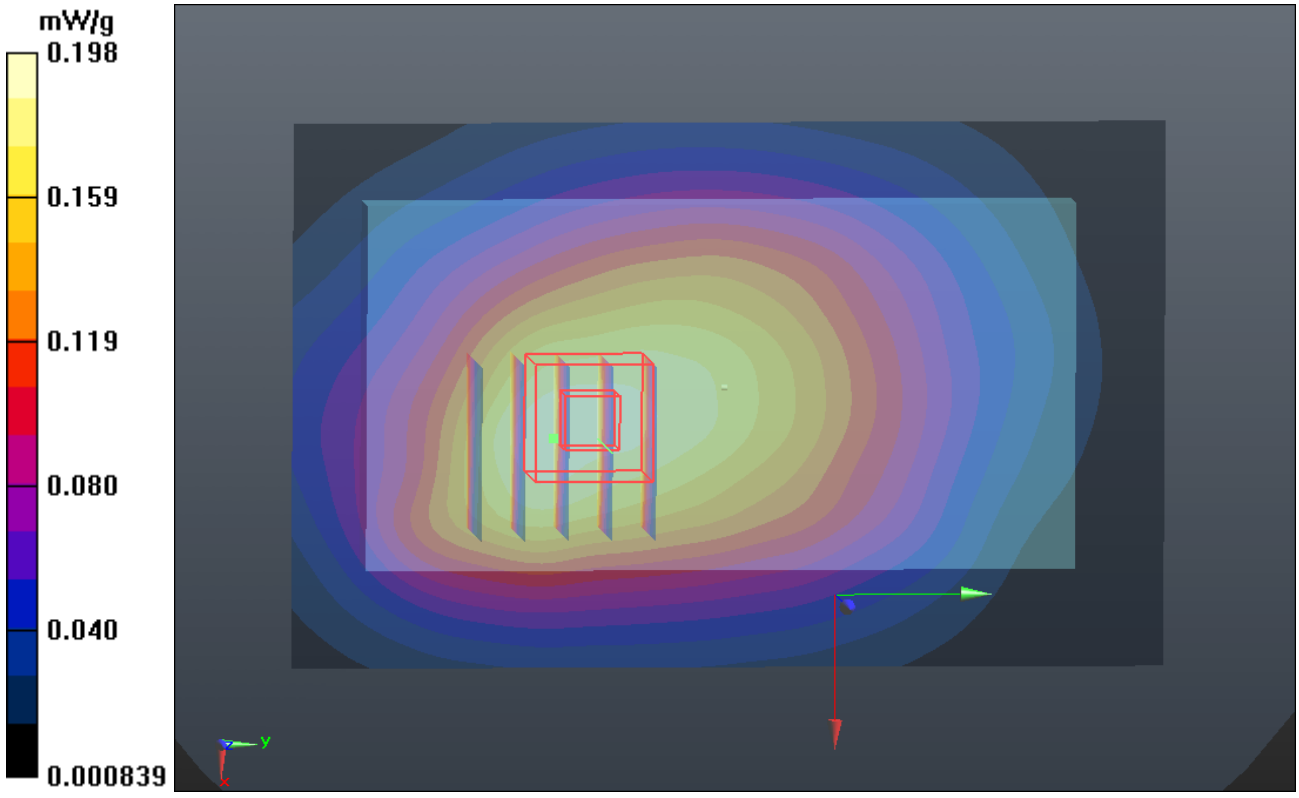
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.198 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.941 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.219 mW/g
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.192 mW/g



P20 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132

DUT: 120717C01

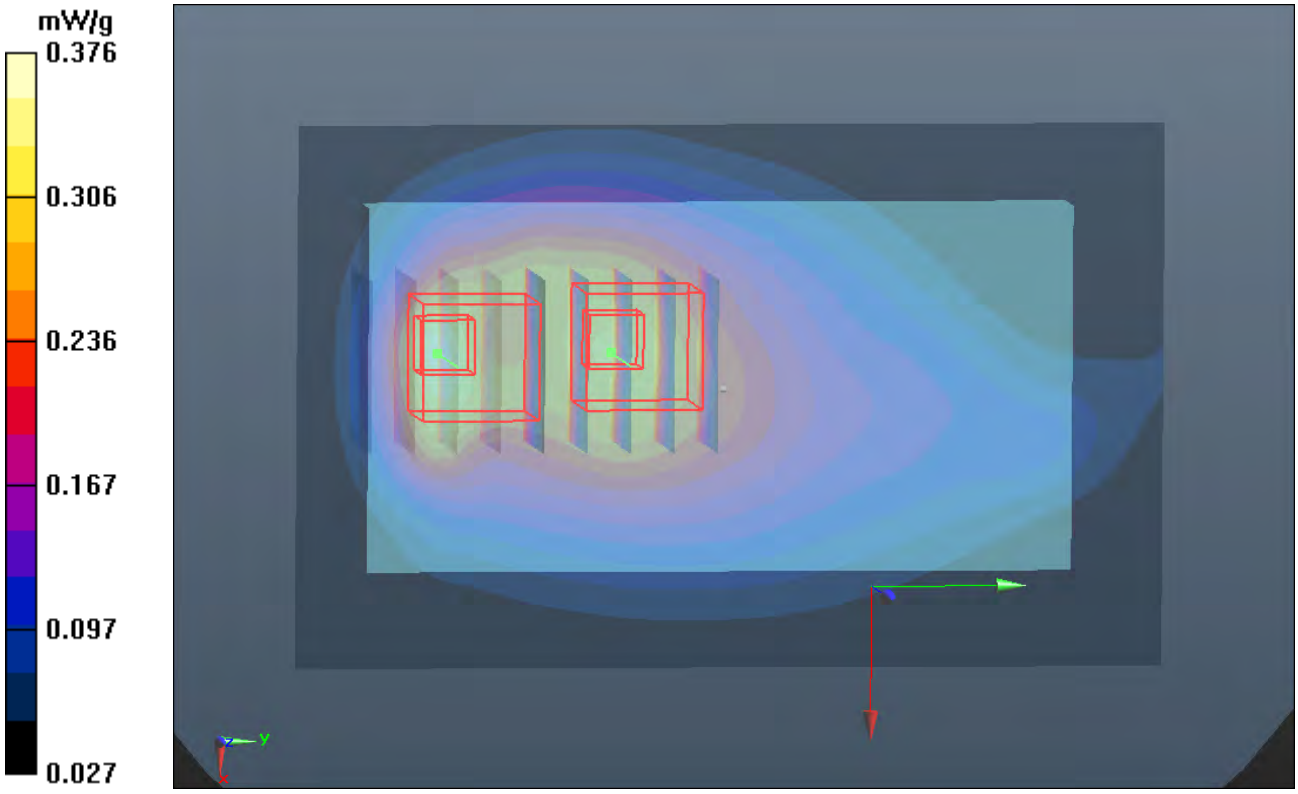
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

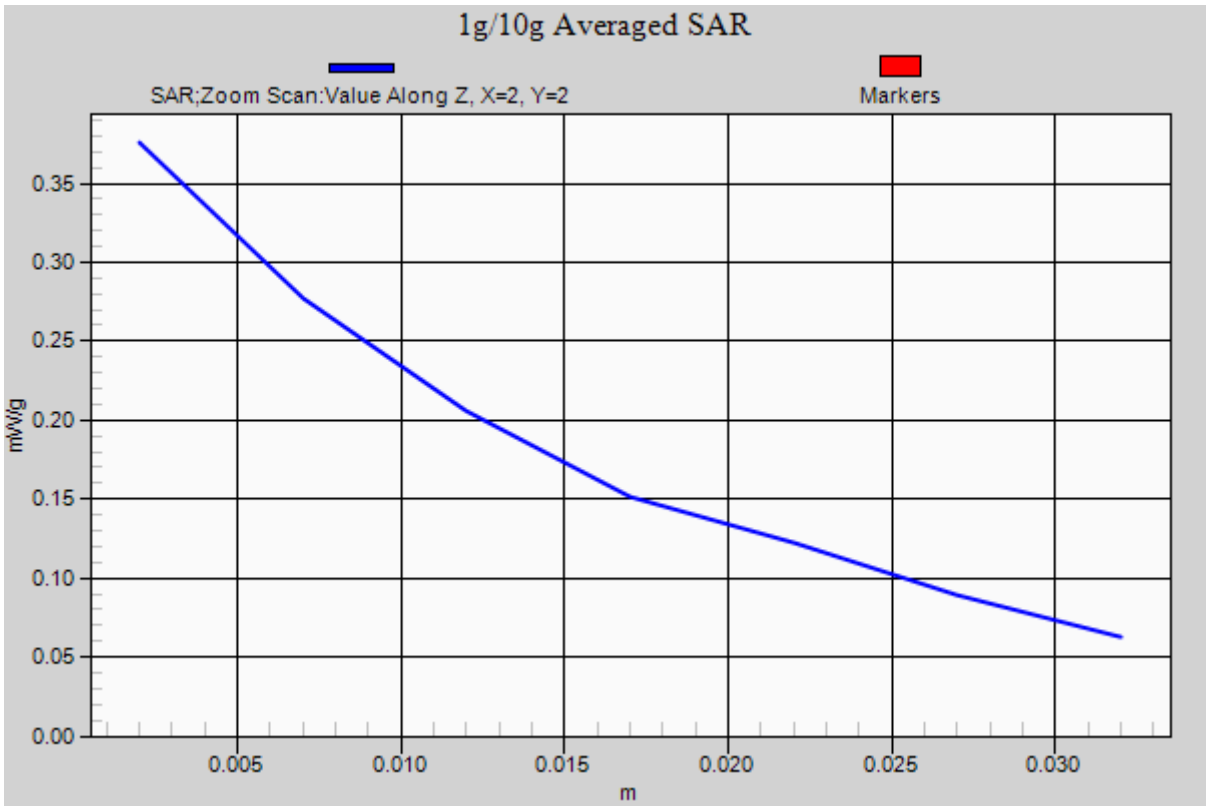
DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.369 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.576 V/m; Power Drift =0.022 dB
Peak SAR (extrapolated) = 0.444 mW/g
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.376 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.576 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.413 mW/g
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.321 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

P21 WCDMA V_RMC12.2K_Left Side_1cm_Ch4132

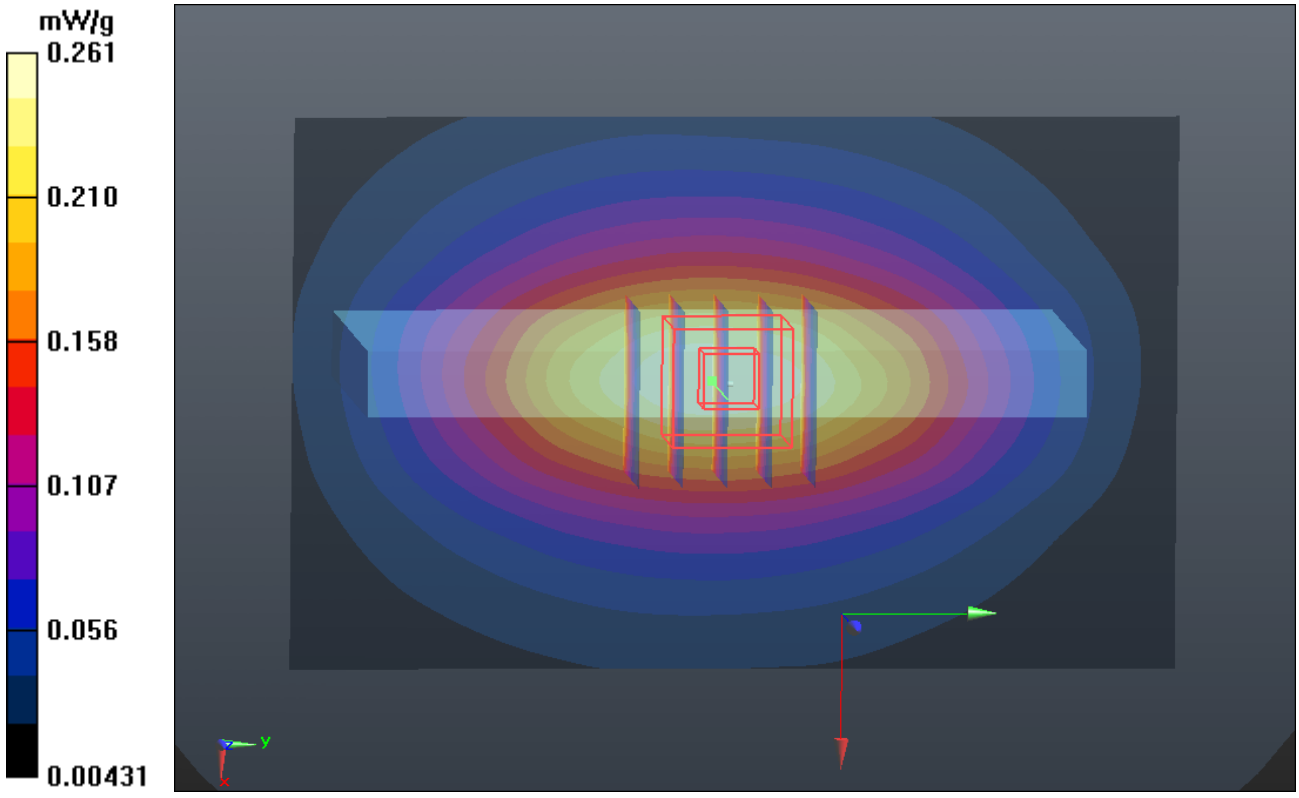
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.759 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.307 mW/g
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.267 mW/g



P22 WCDMA V_RMC12.2K_Right Side_1cm_Ch4132

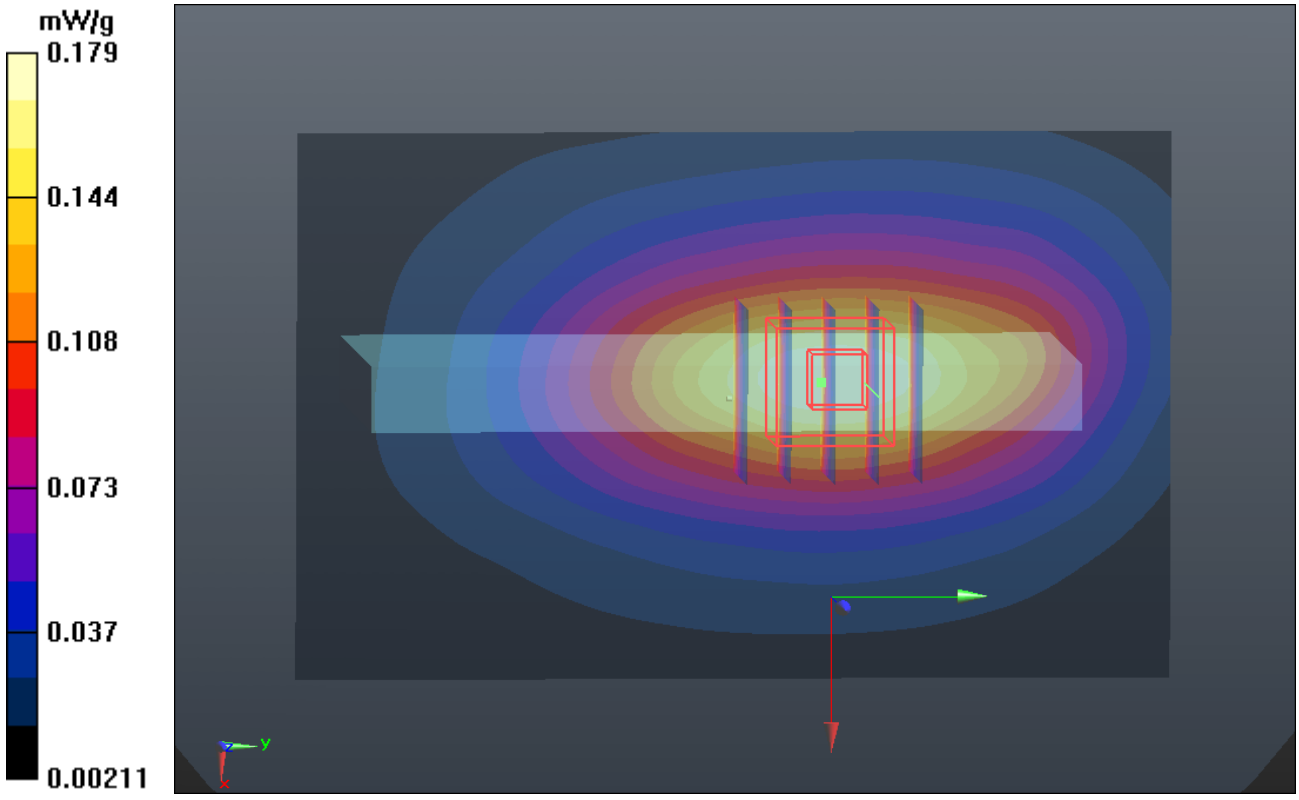
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.179 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.747 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



P23 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4132

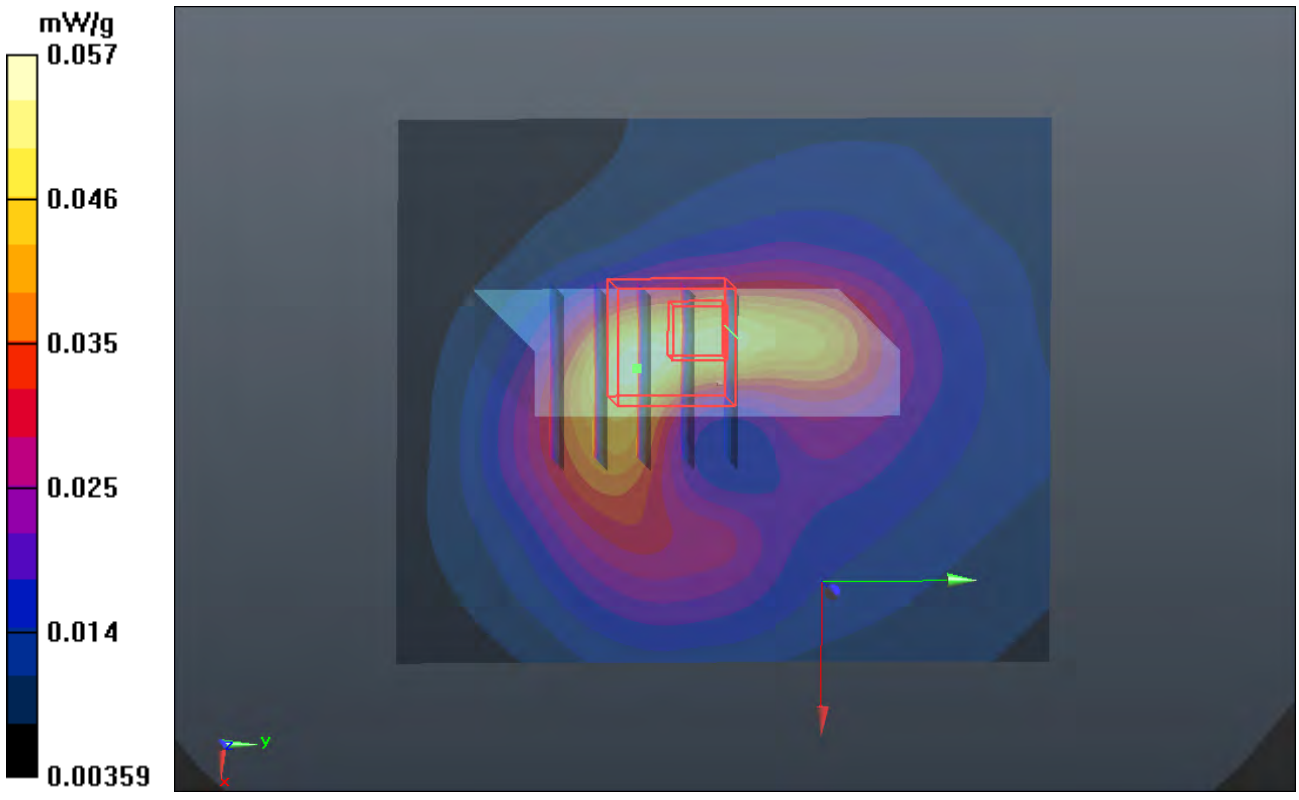
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0567 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.223 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.068 mW/g
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.0526 mW/g



P24 WCDMA V_RMC12.2K_Front Face_1cm_Ch4132_Earphone

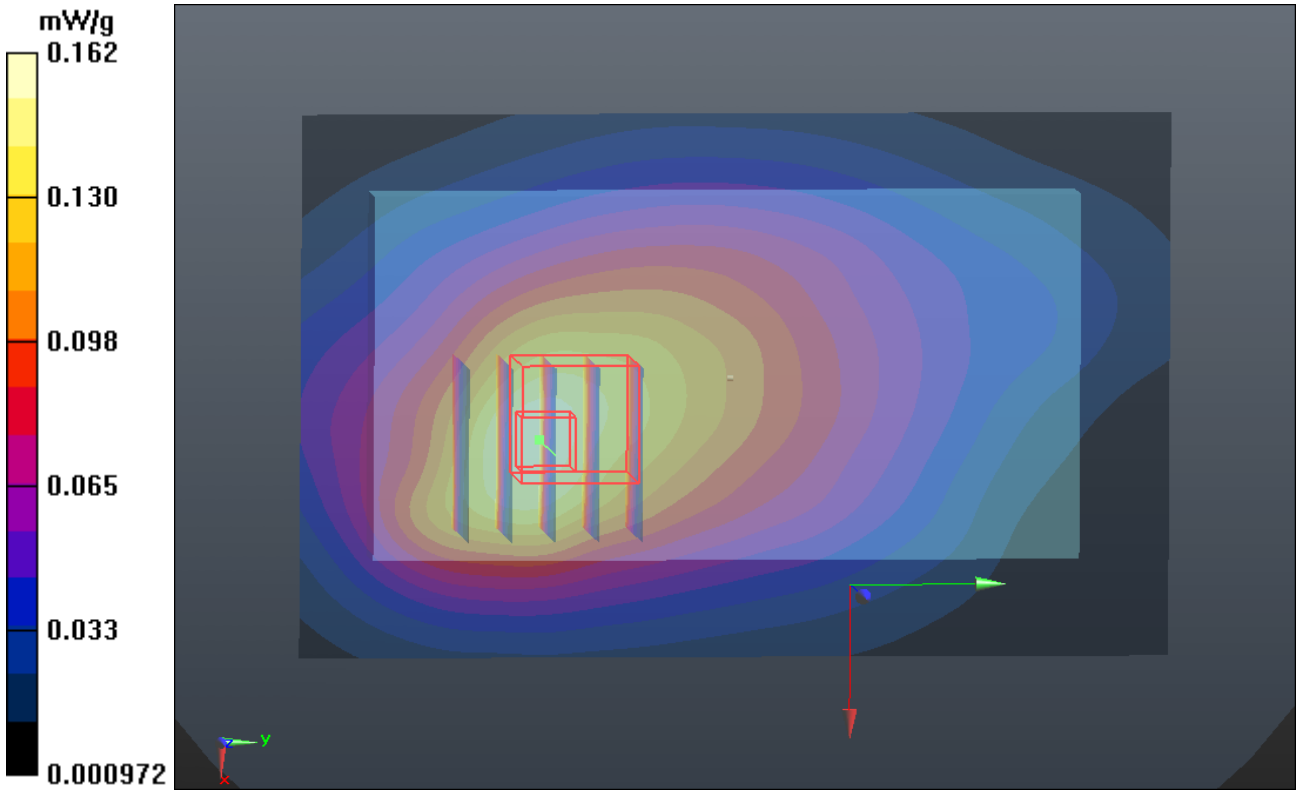
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.475 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.190 mW/g
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.160 mW/g



P25 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Earphone

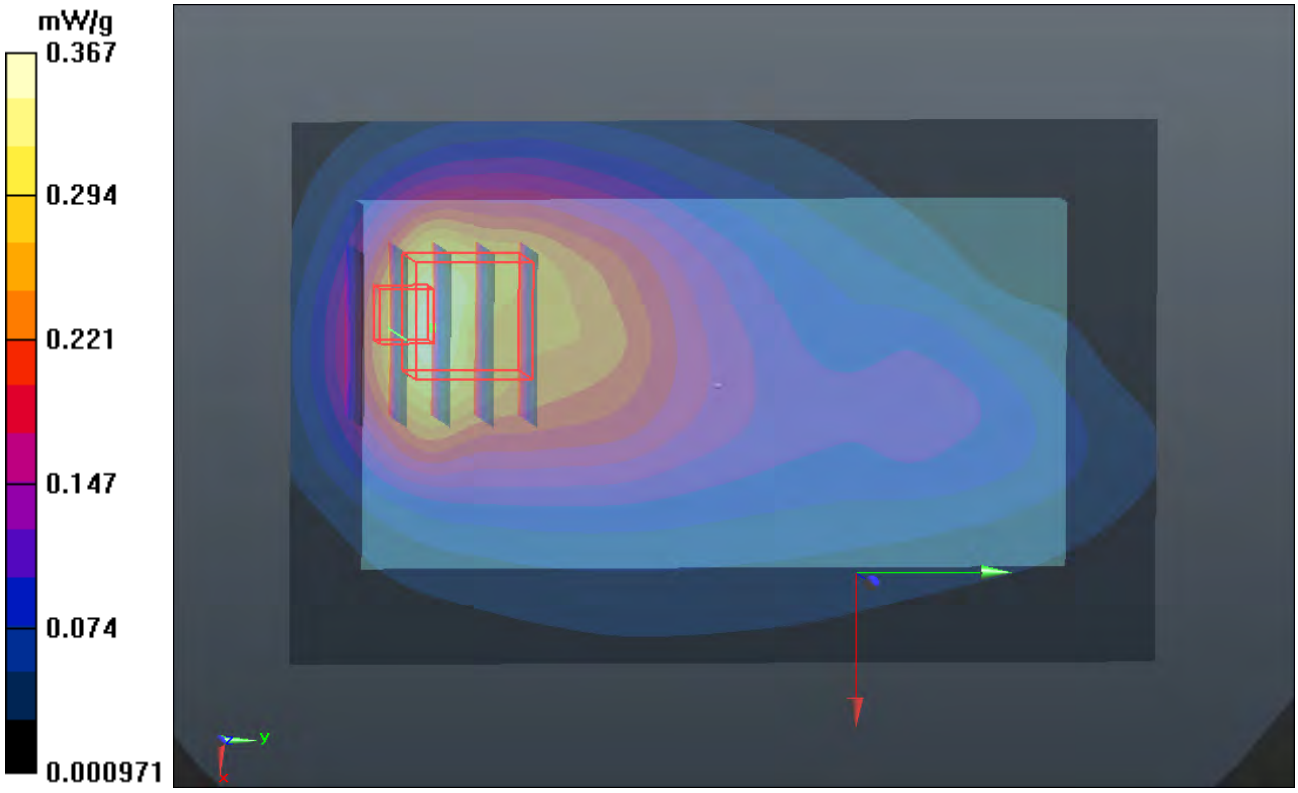
DUT: 120717C01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0801 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 55.921; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.367 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.742 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.413 mW/g
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.323 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/01

P26 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538

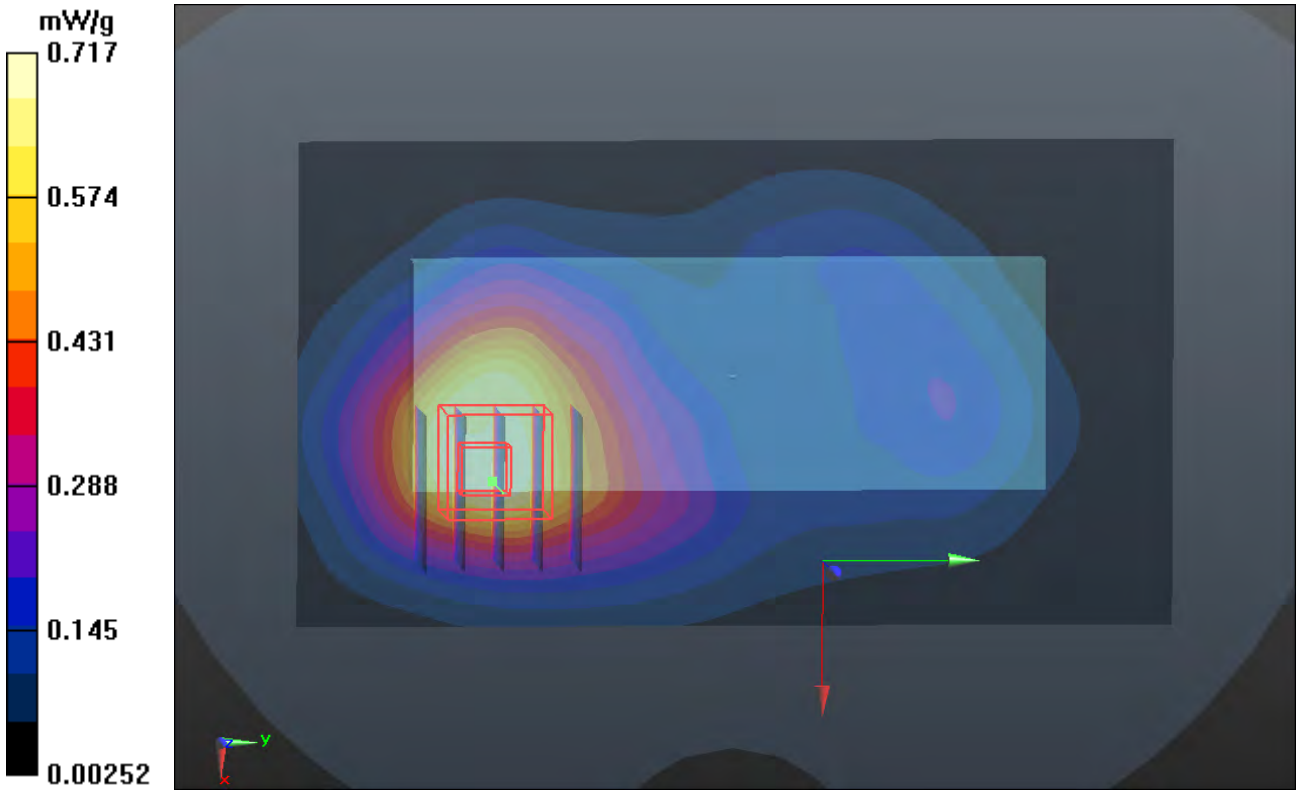
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.717 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.443 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.879 mW/g
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.703 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/01

P27 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538

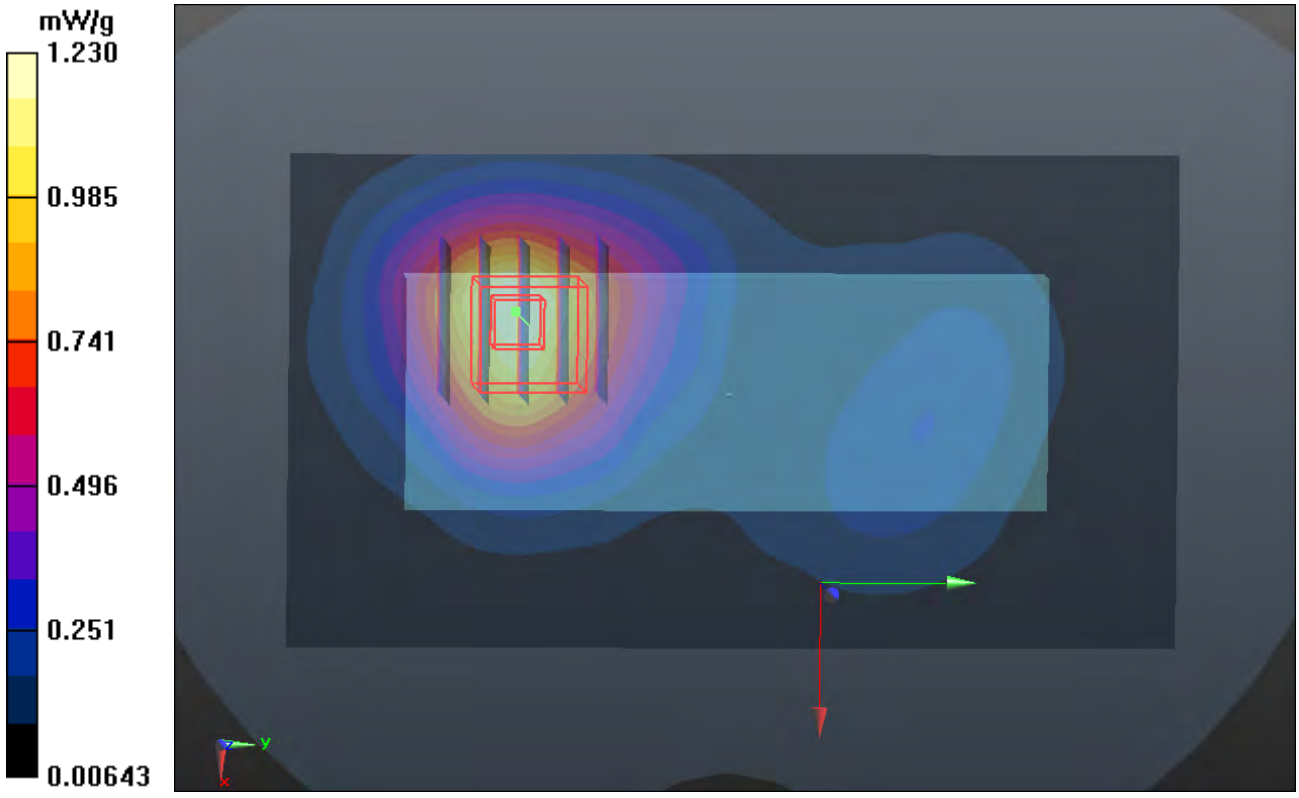
DUT: 120717C01

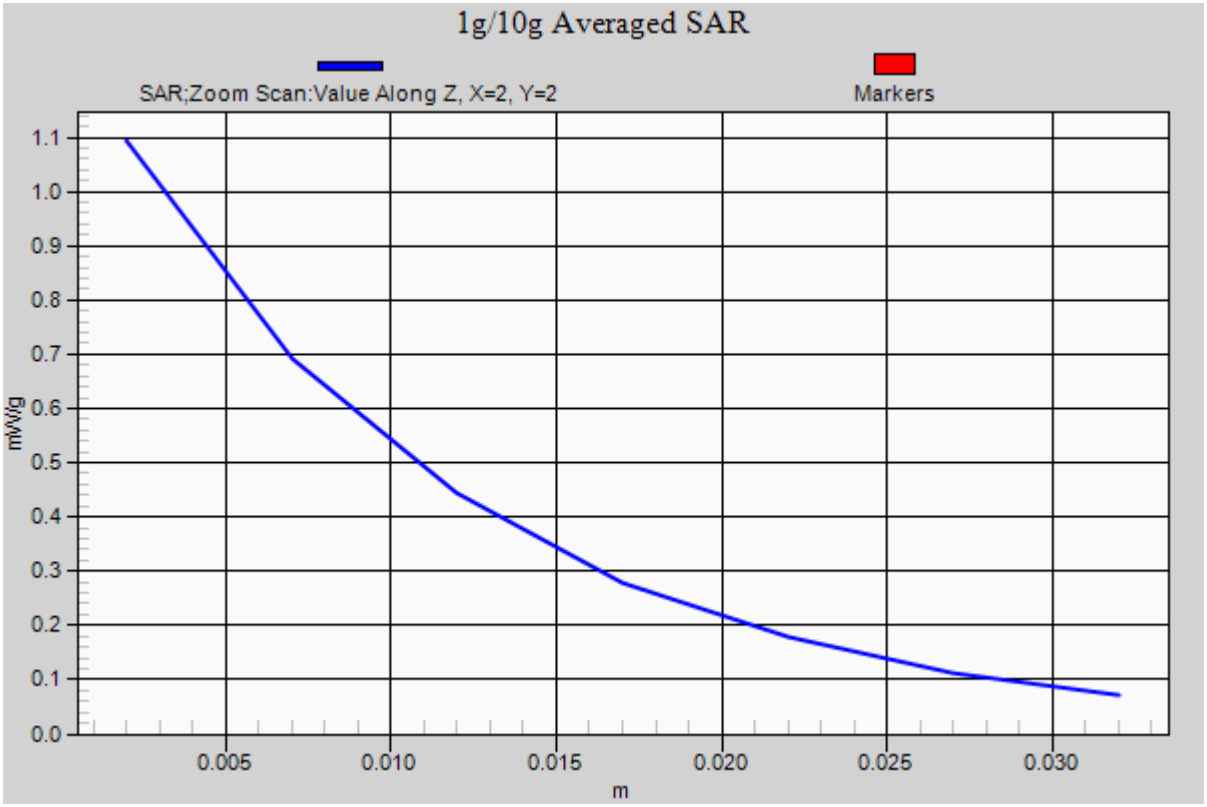
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.154 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.330 mW/g
SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 1.09 mW/g




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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/08/01

P28 WCDMA II_RMC12.2K_Left Side_1cm_Ch9538

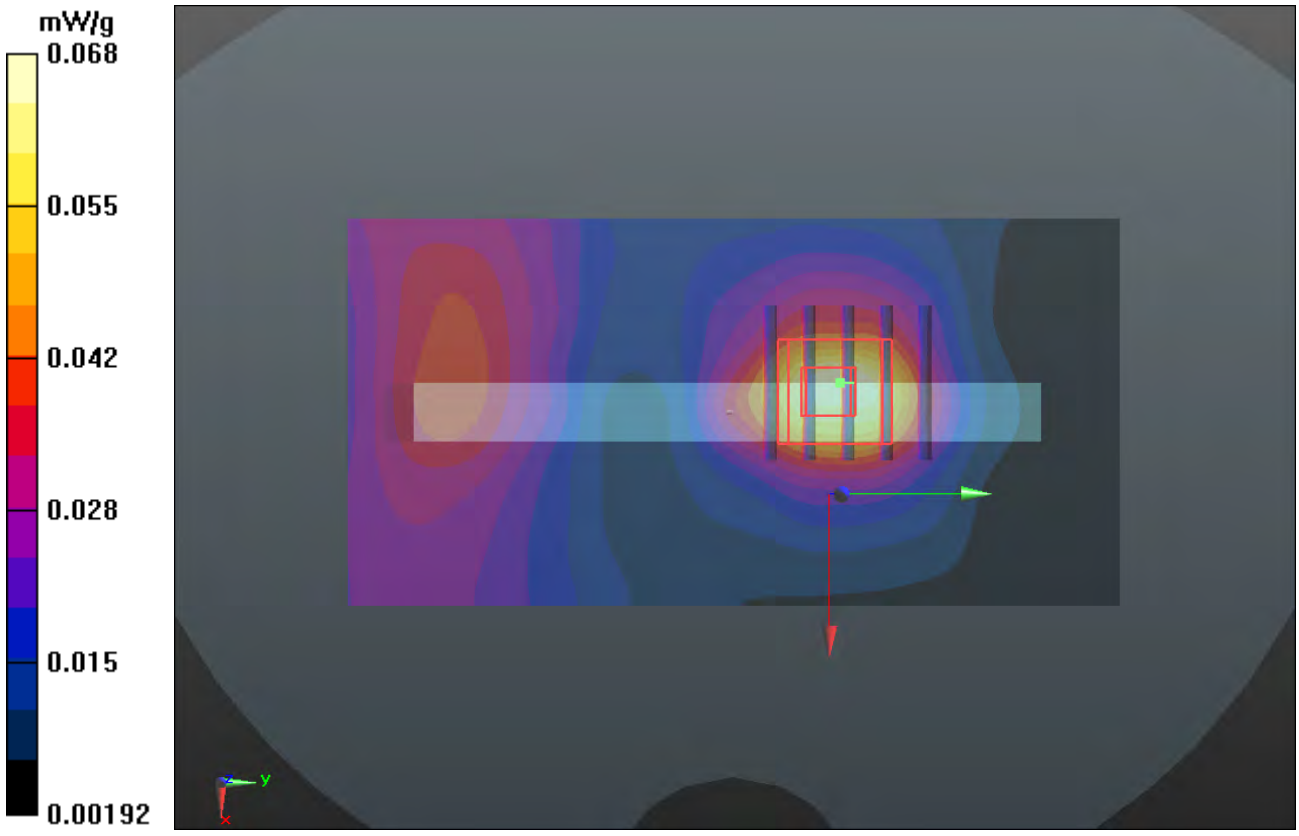
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0683 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.949 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.077 mW/g
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0627 mW/g



P29 WCDMA II_RMC12.2K_Right Side_1cm_Ch9538

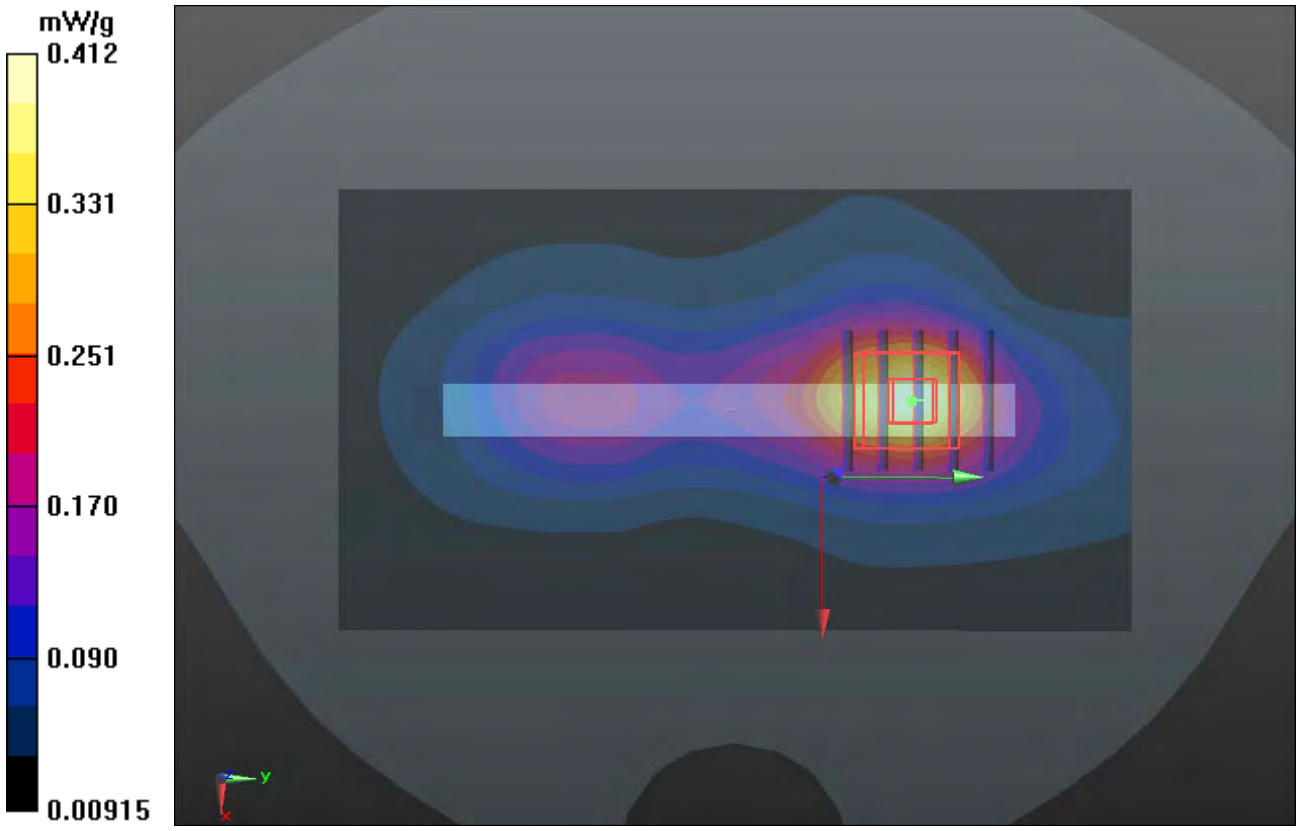
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.412 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.221 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.404 mW/g



P30 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538

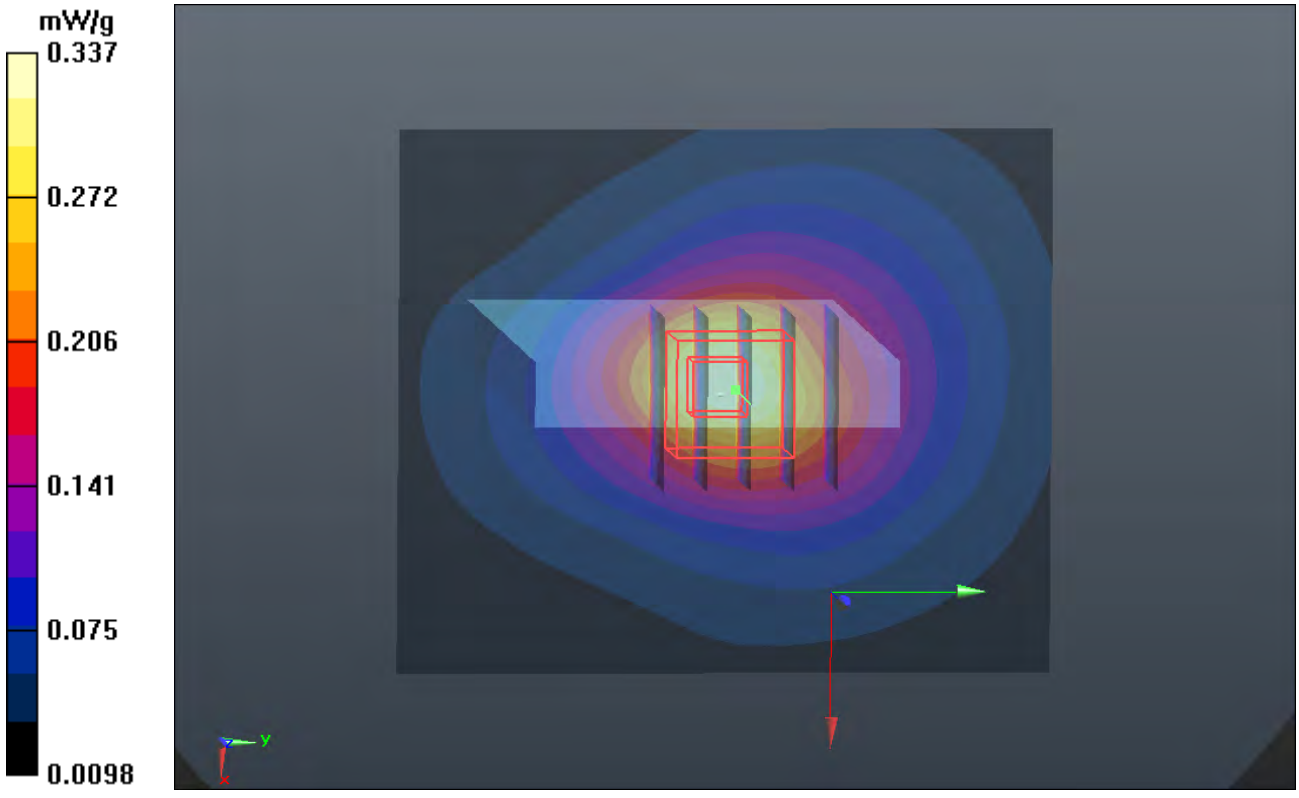
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.337 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.486 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.442 mW/g
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



P88 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262

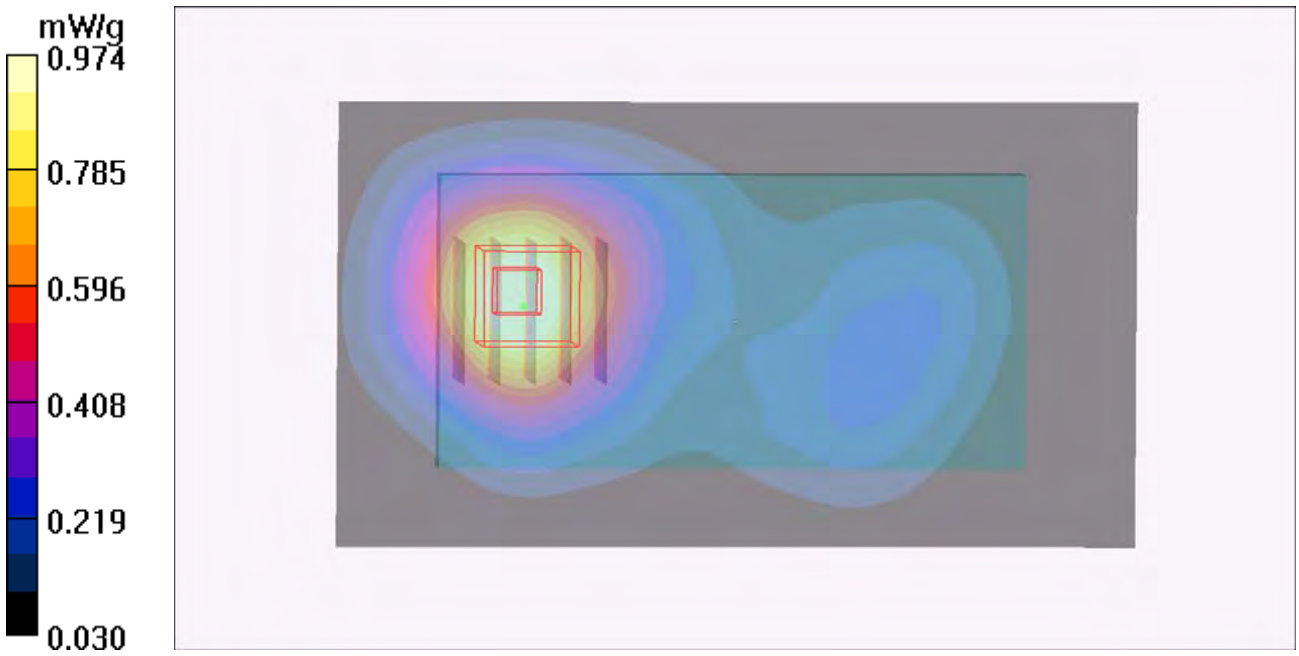
DUT: 120717C01

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0806 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- 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) = 1.04 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.65 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.481 mW/g
Maximum value of SAR (measured) = 0.974 mW/g



P89 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400

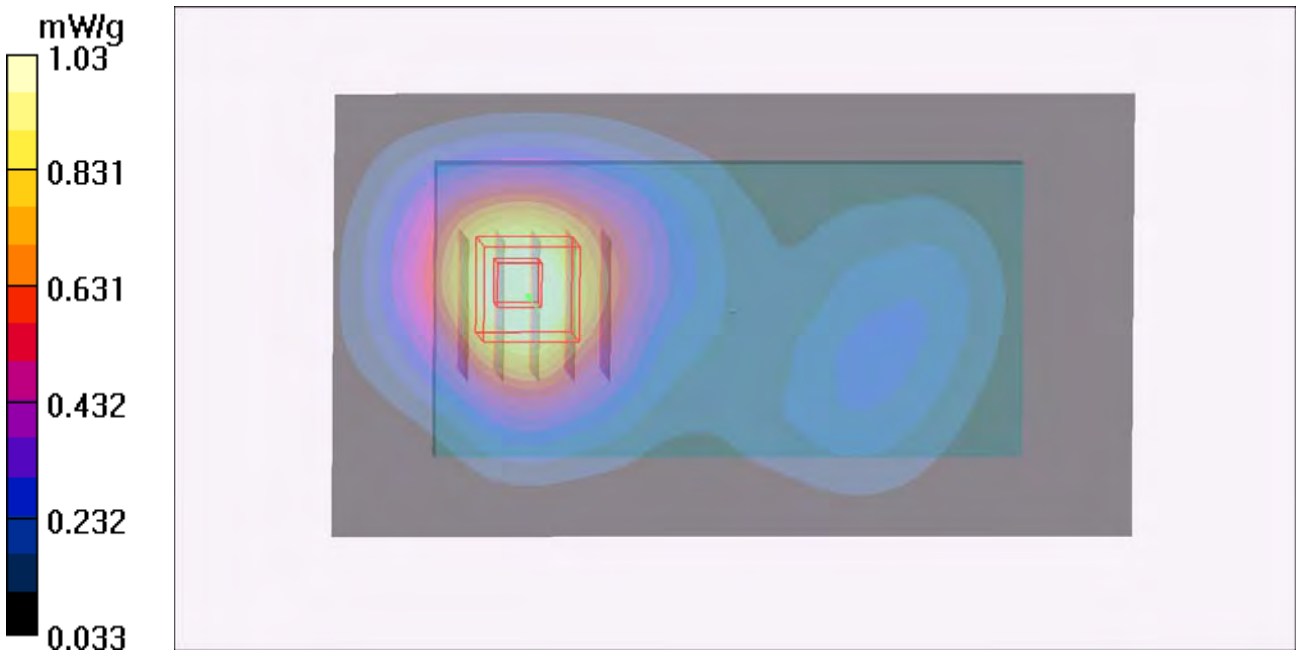
DUT: 120717C01

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0806 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- 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) = 1.10 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.49 V/m; Power Drift = 0.161 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.512 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



P31 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Earphone

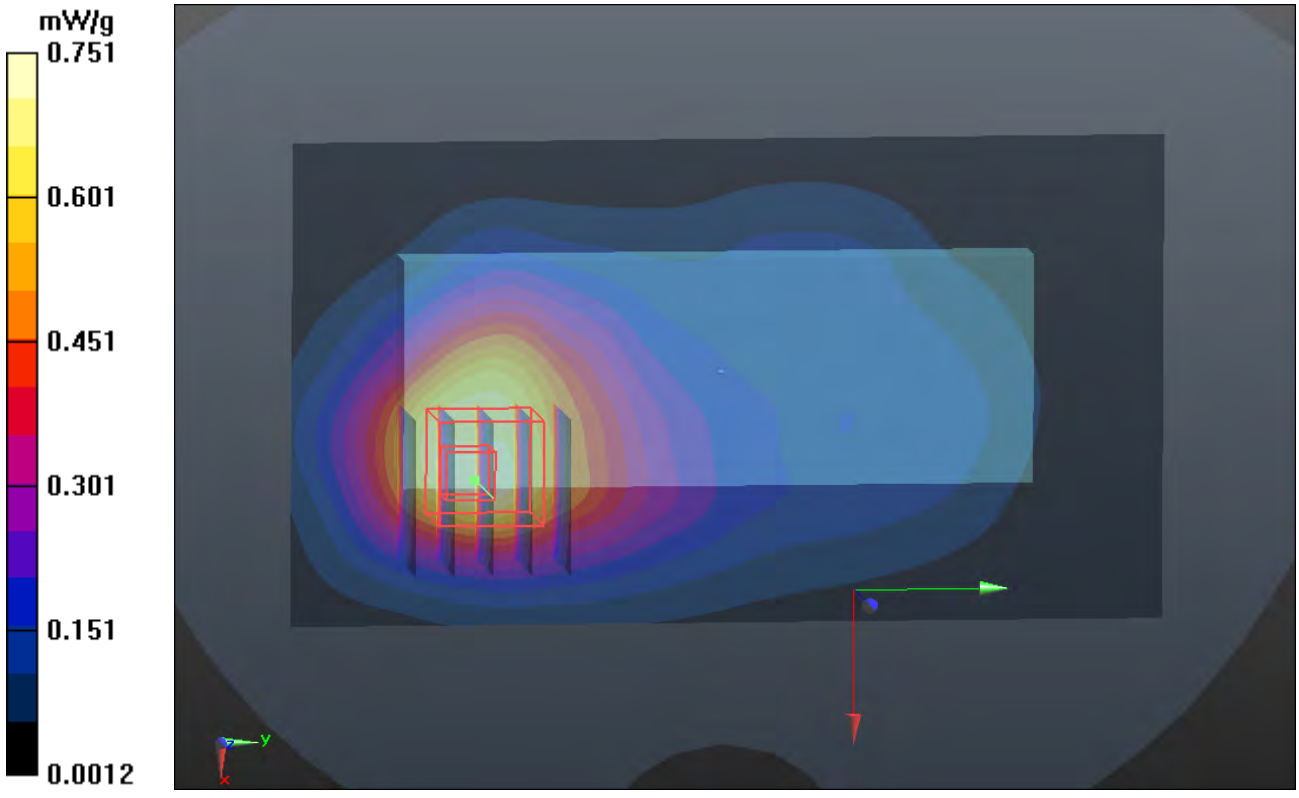
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.751 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.265 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.930 mW/g
SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 0.754 mW/g



P32 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Earphone

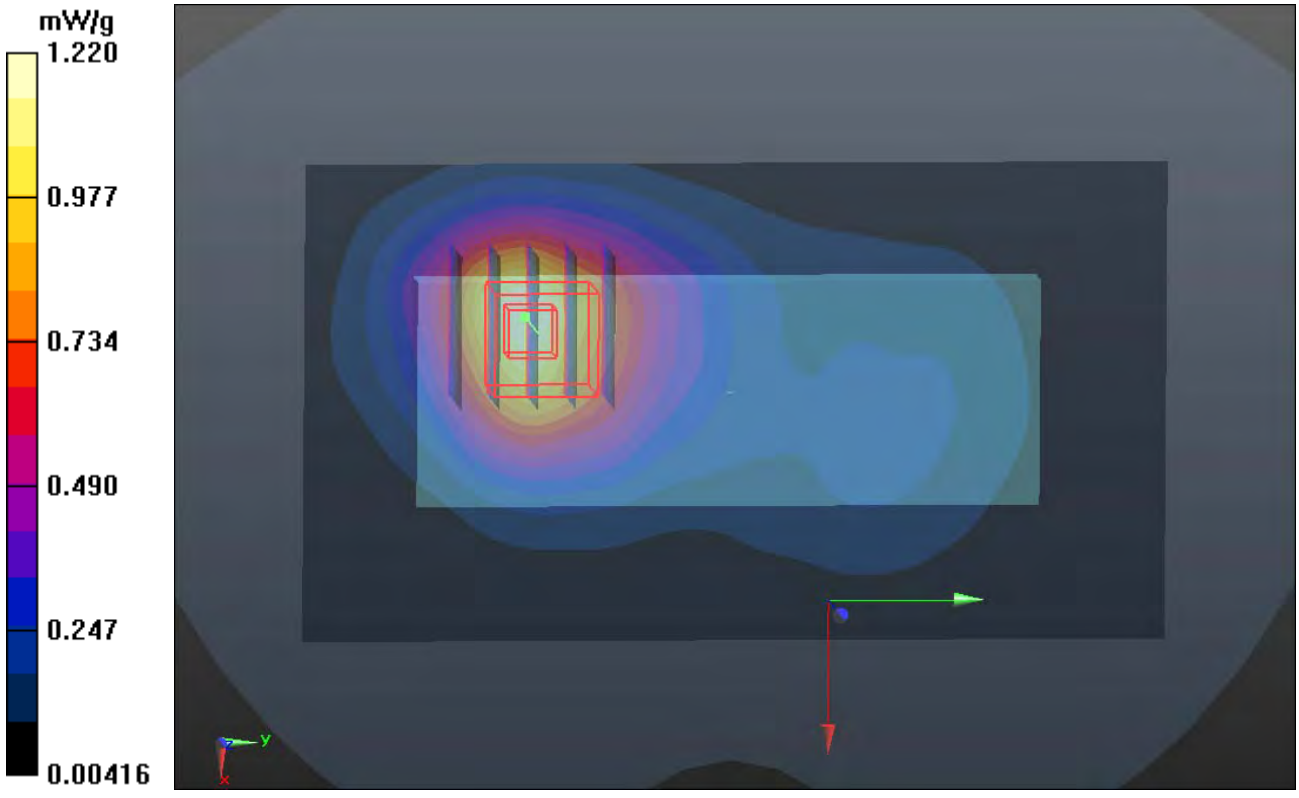
DUT: 120717C01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0801 Medium parameters used: f = 1908 MHz; σ = 1.559 mho/m; ε_r = 52.999; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.22 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.791 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.329 mW/g
SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



P90 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Earphone

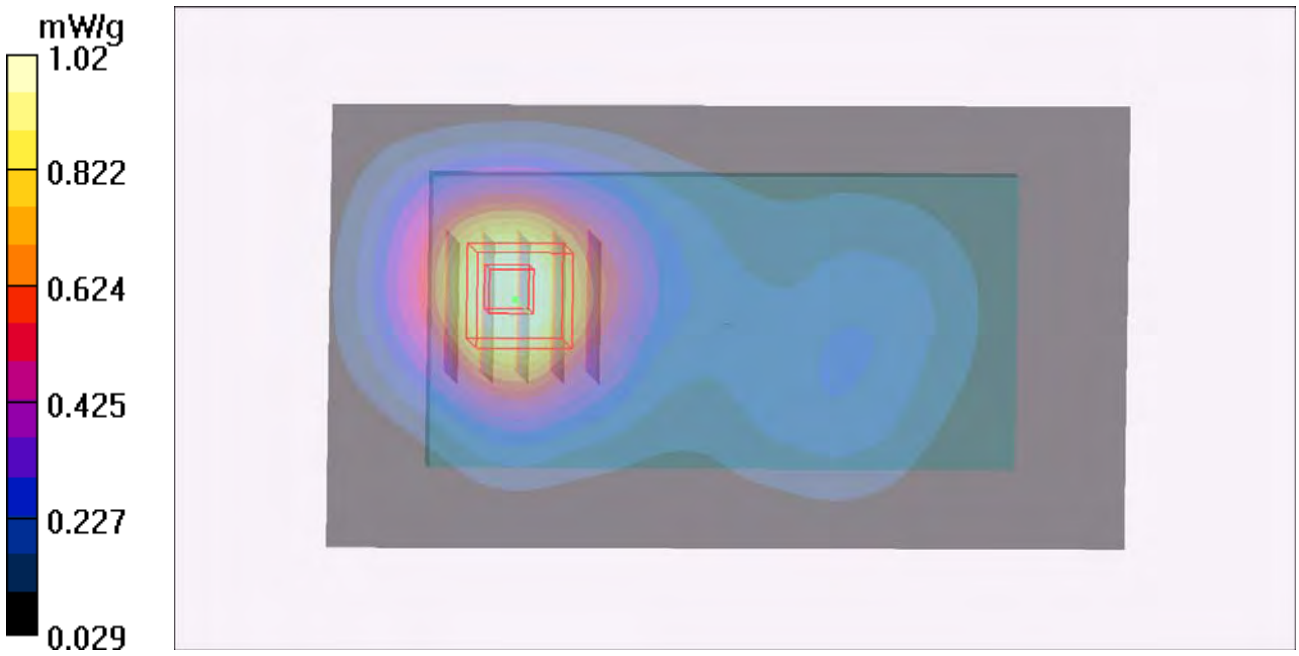
DUT: 120717C01

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0806 Medium parameters used: f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- 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) = 1.09 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



P91 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Earphone

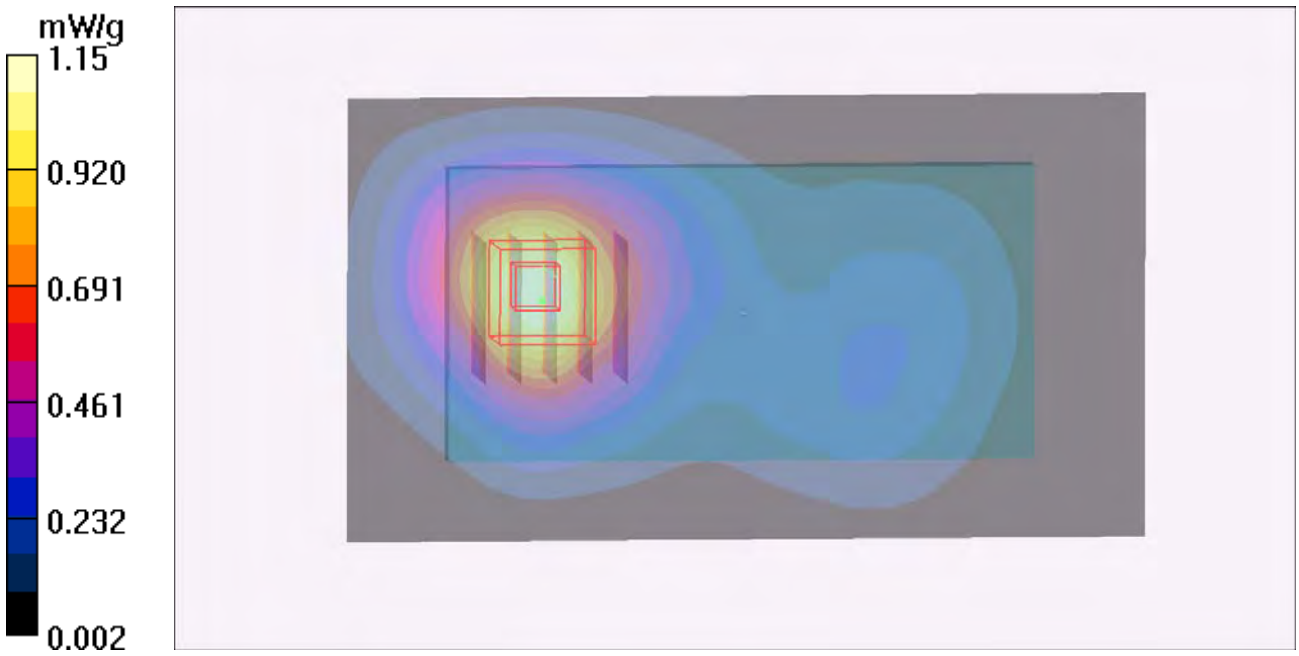
DUT: 120717C01

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0806 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/10/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- 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) = 1.15 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.526 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



P49 CDMA2000 BC0_RC3+SO32_Front Face_1cm_Ch384

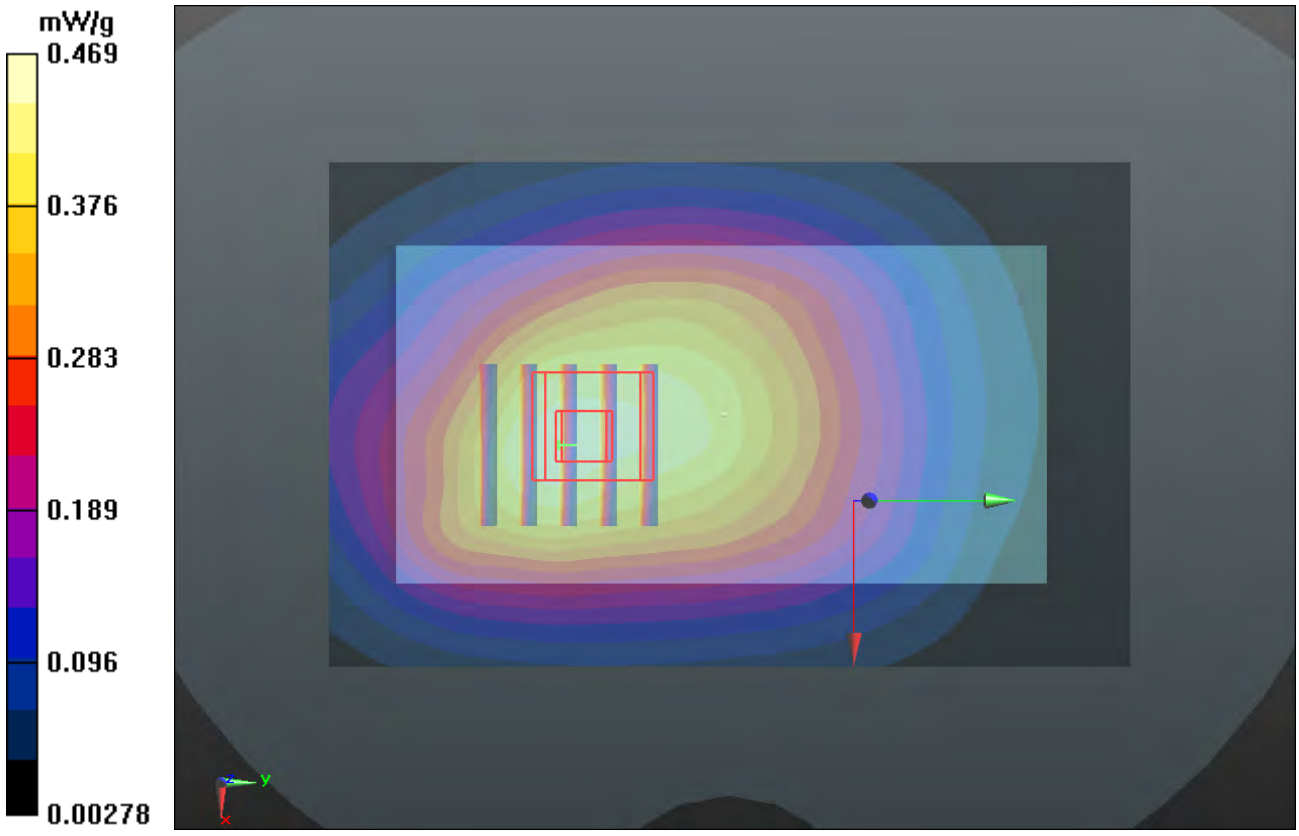
DUT: 120717C01

Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.469 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.318 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.500 mW/g
SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.444 mW/g



P34 CDMA2000 BC0_RC3+SO32_Rear Face_1cm_Ch384

DUT: 120717C01

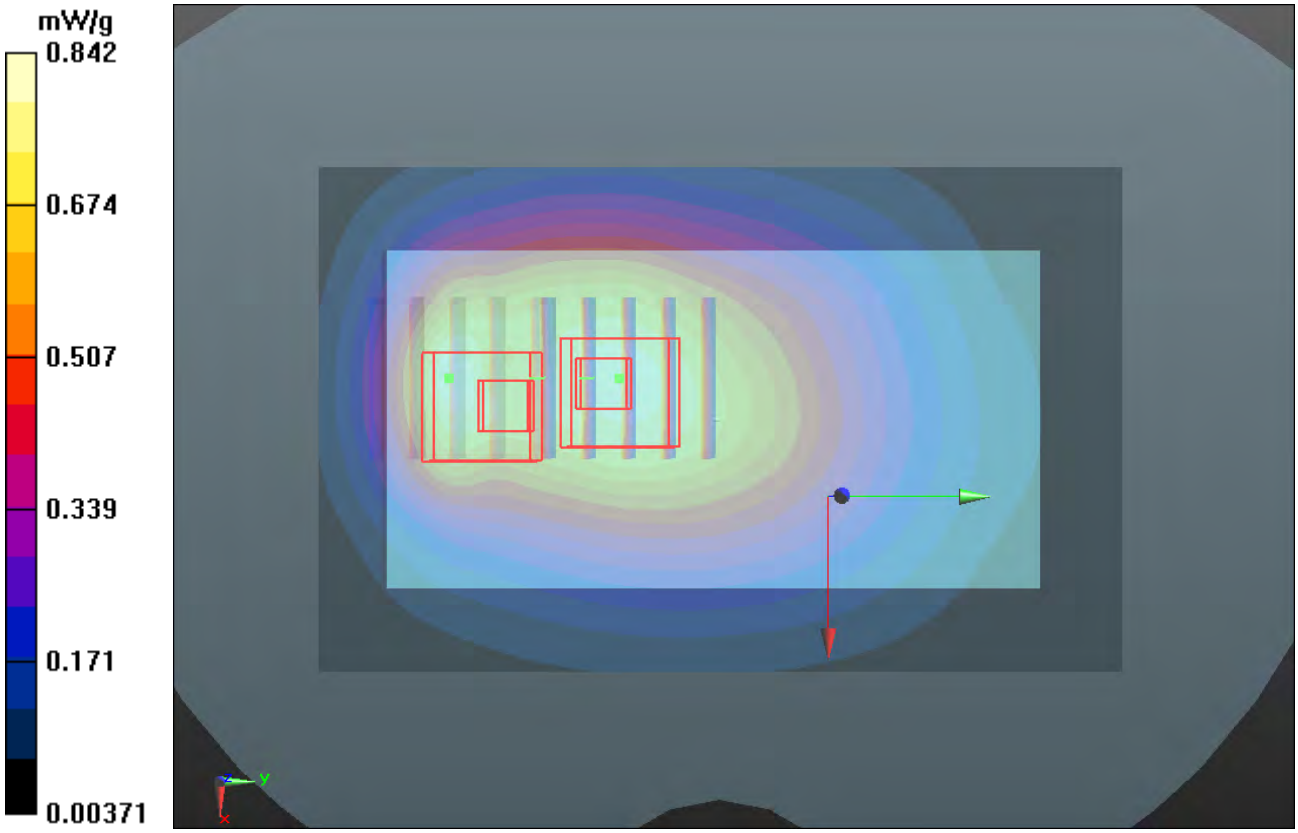
Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

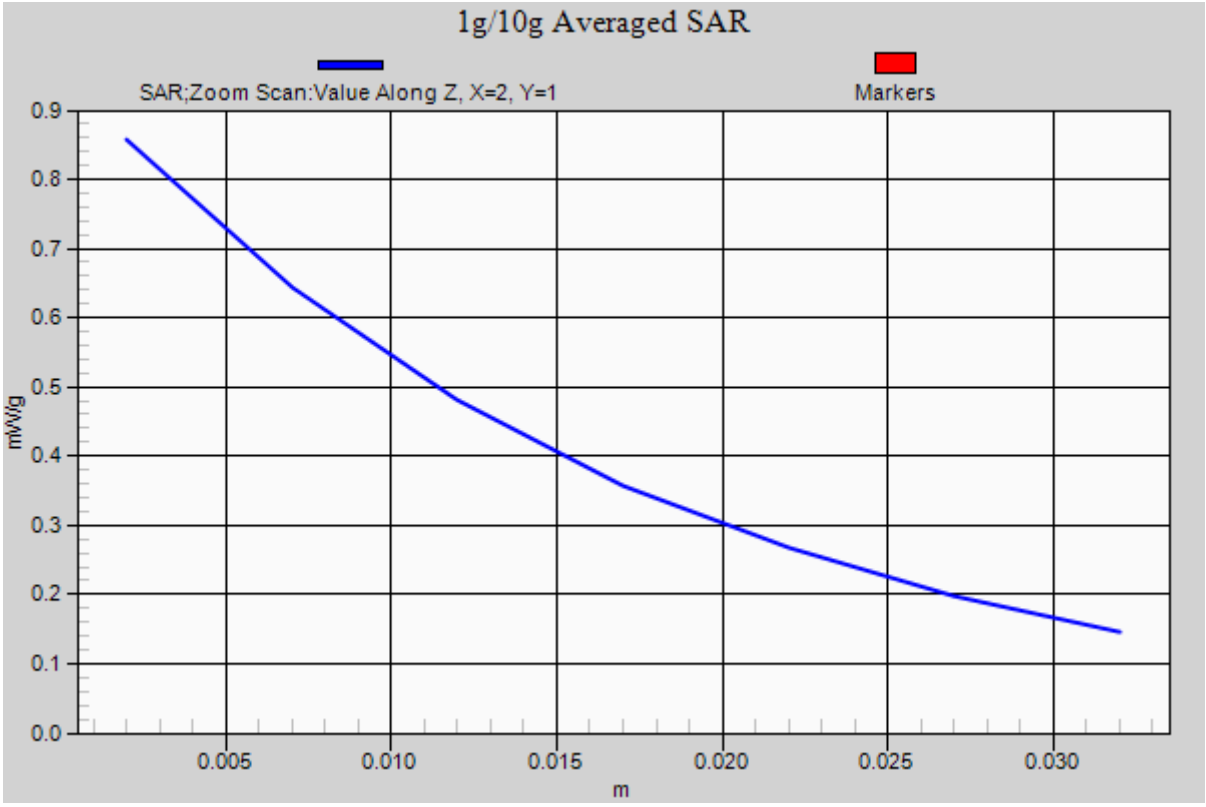
DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.842 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.625 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.963 mW/g
SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.538 mW/g
Maximum value of SAR (measured) = 0.857 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.625 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.838 mW/g
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.736 mW/g




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

P35 CDMA2000 BC0_RC3+SO32_Left Side_1cm_Ch384

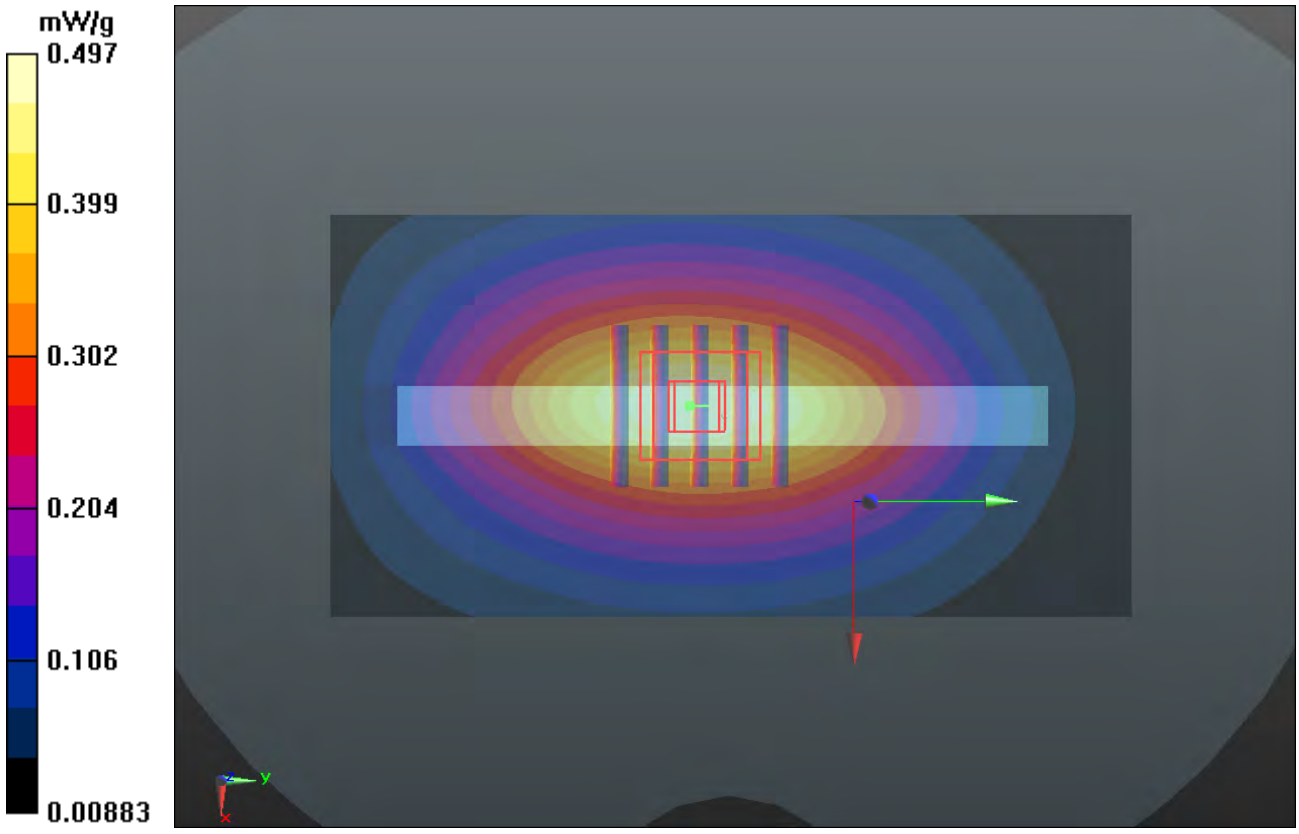
DUT: 120717C01

Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.497 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.850 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.566 mW/g
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.495 mW/g



P36 CDMA2000 BC0_RC3+SO32_Right Side_1cm_Ch384

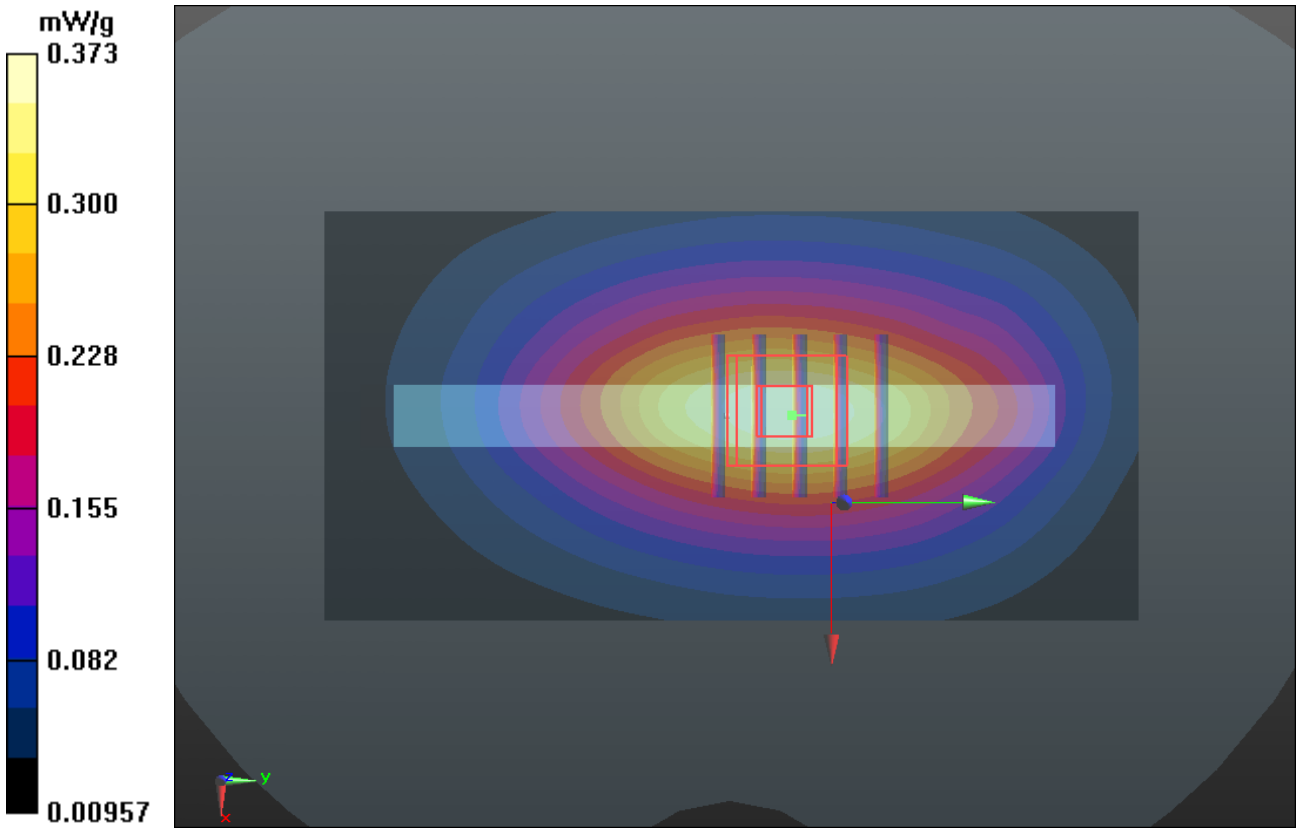
DUT: 120717C01

Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.373 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.429 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.426 mW/g
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.367 mW/g



P37 CDMA2000 BC0_RC3+SO32_Bottom Side_1cm_Ch384

DUT: 120717C01

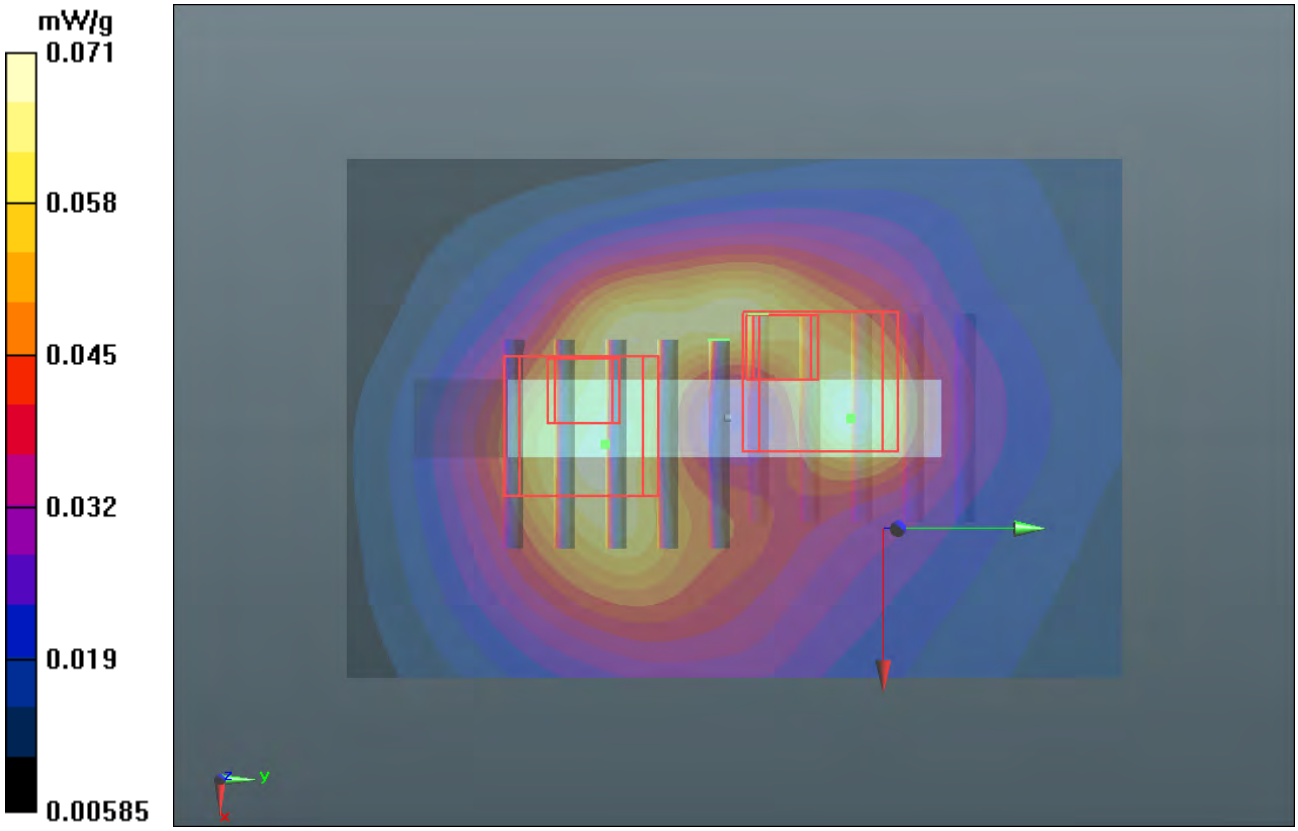
Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0712 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.863 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.094 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.0728 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.863 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.103 mW/g
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.0794 mW/g



P38 CDMA2000 BC0_RC3+SO32_Front Face_1cm_Ch384_Earphone

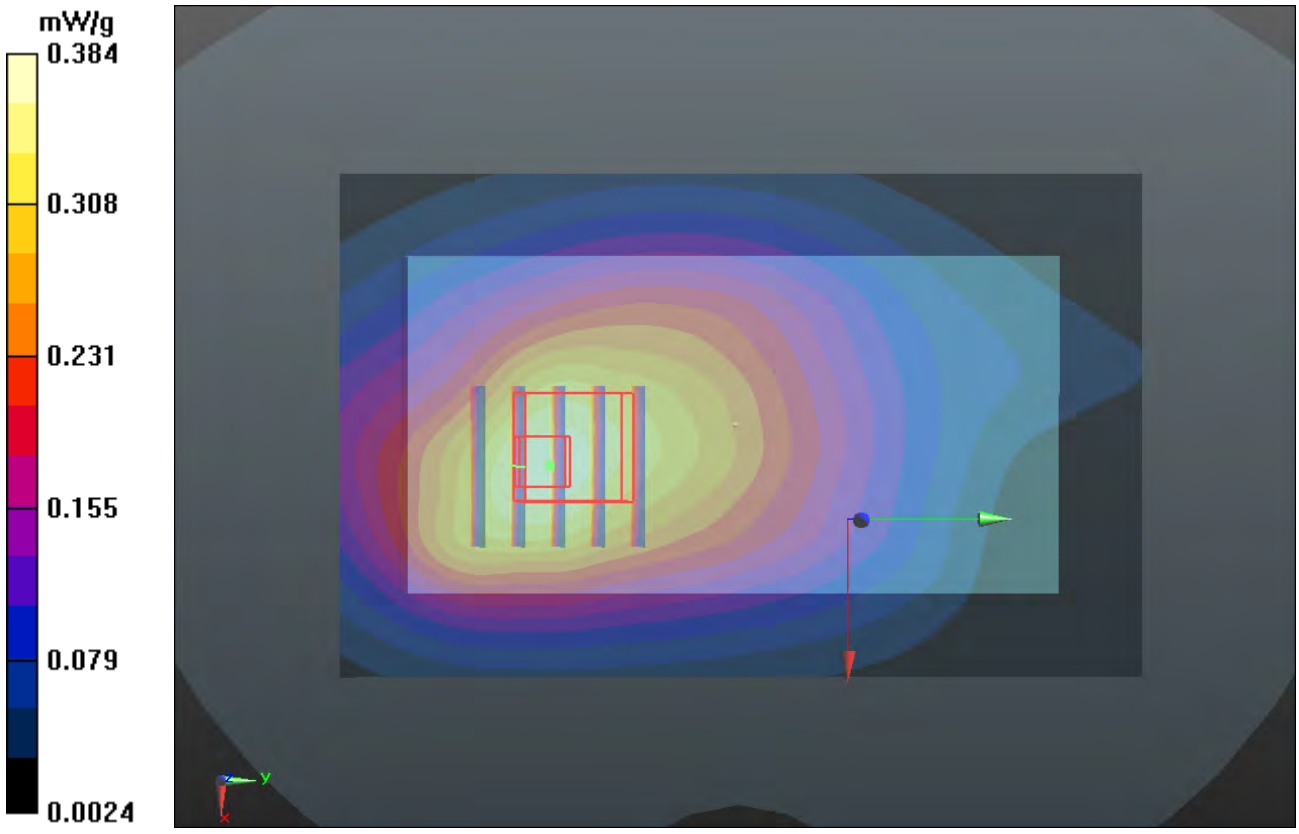
DUT: 120717C01

Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.384 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.261 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.440 mW/g
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.372 mW/g



P39 CDMA2000 BC0_RC3+SO32_Rear Face_1cm_Ch384_Earphone

DUT: 120717C01

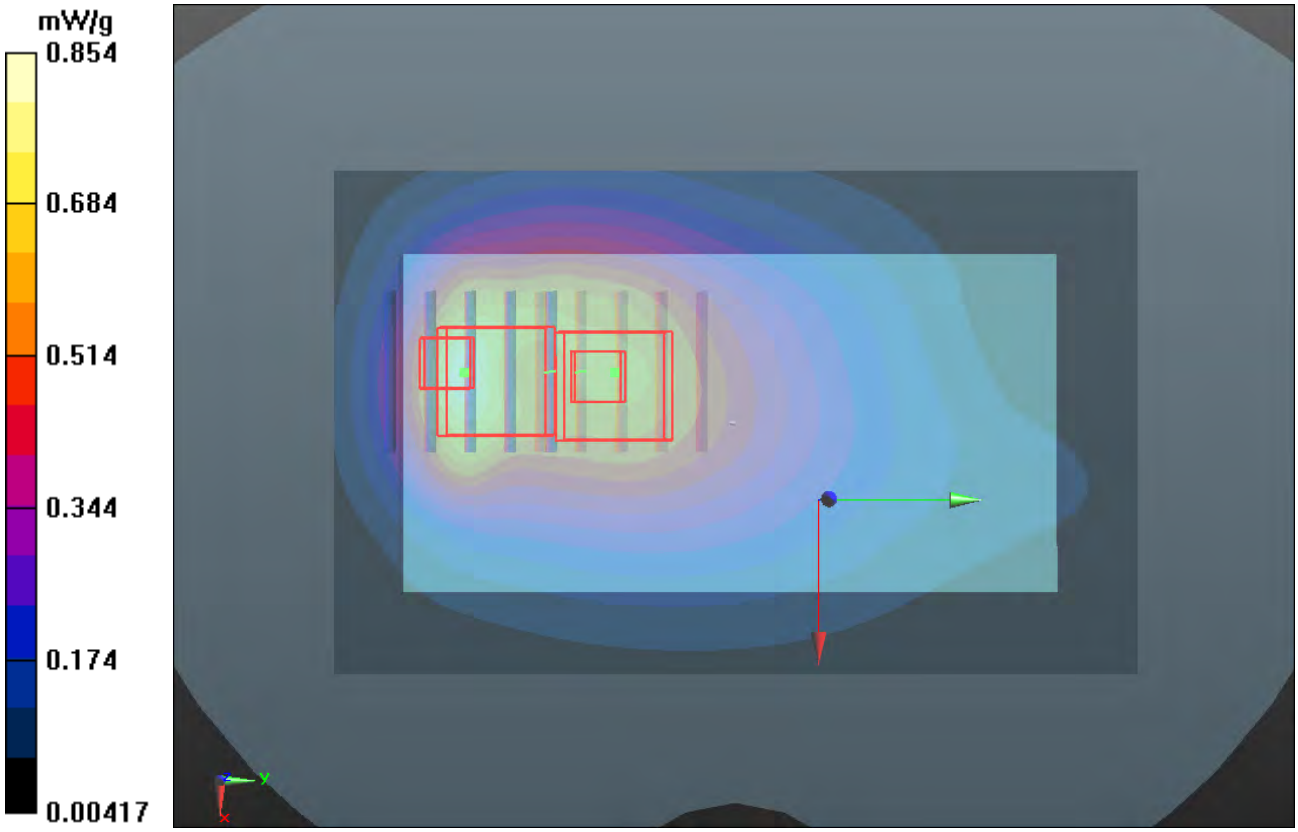
Communication System: CDMA2000; Frequency: 835.02 MHz;Duty Cycle: 1:1
Medium: B835_0802 Medium parameters used: f = 835.02 MHz; σ = 0.98 mho/m; ε_r = 55.842; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.854 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.394 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.820 mW/g
SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.712 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.394 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.843 mW/g
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.652 mW/g



P42 CDMA2000 BC1_RC3+SO32_Front Face_1cm_Ch600

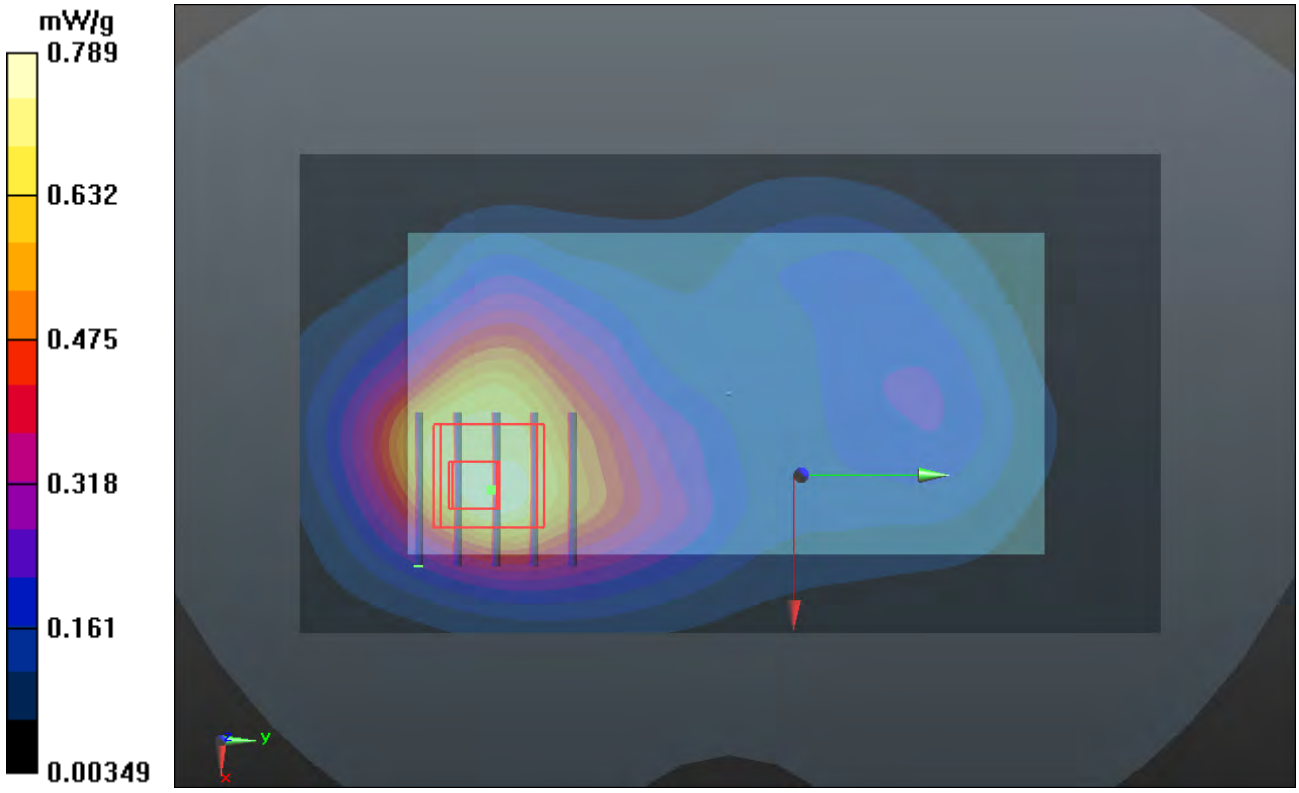
DUT: 120717C01

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.789 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.309 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.067 mW/g
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.858 mW/g



P43 CDMA2000 BC1_RC3+SO32_Rear Face_1cm_Ch600

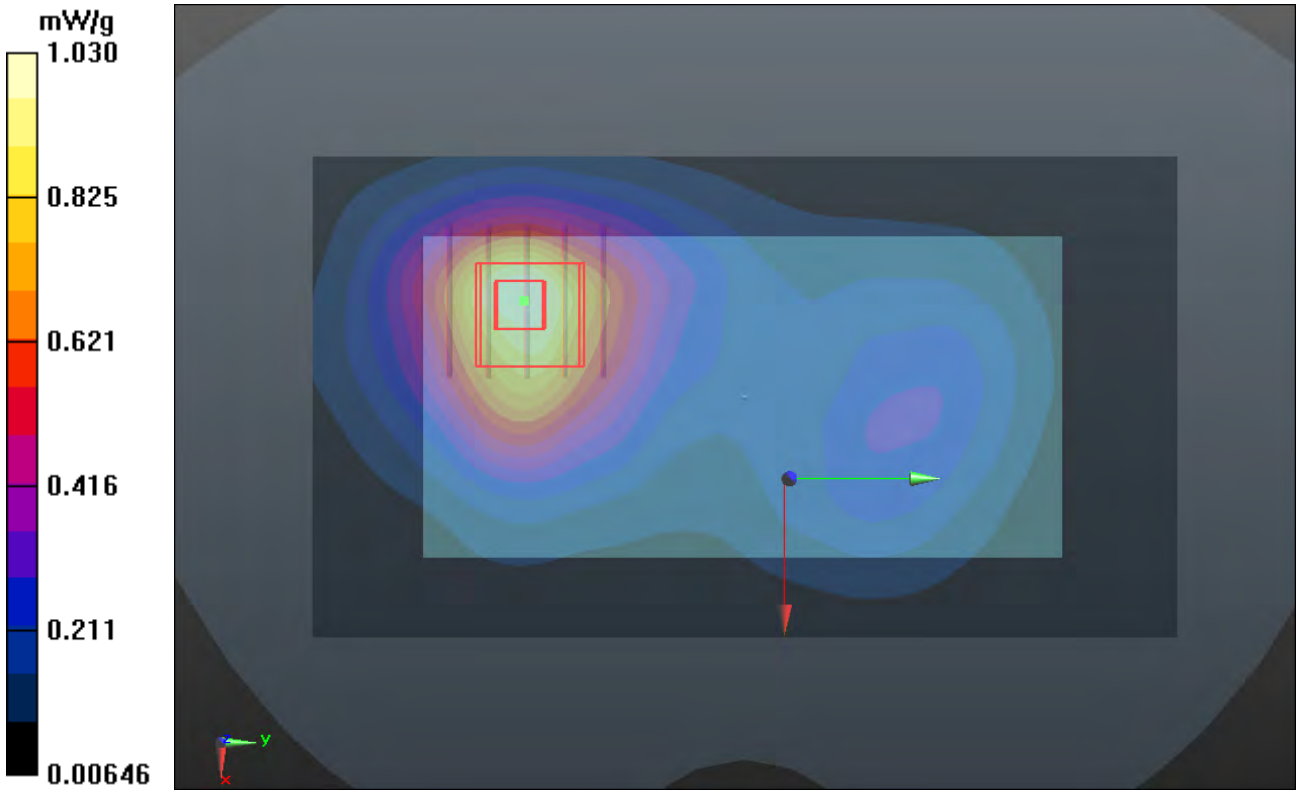
DUT: 120717C01

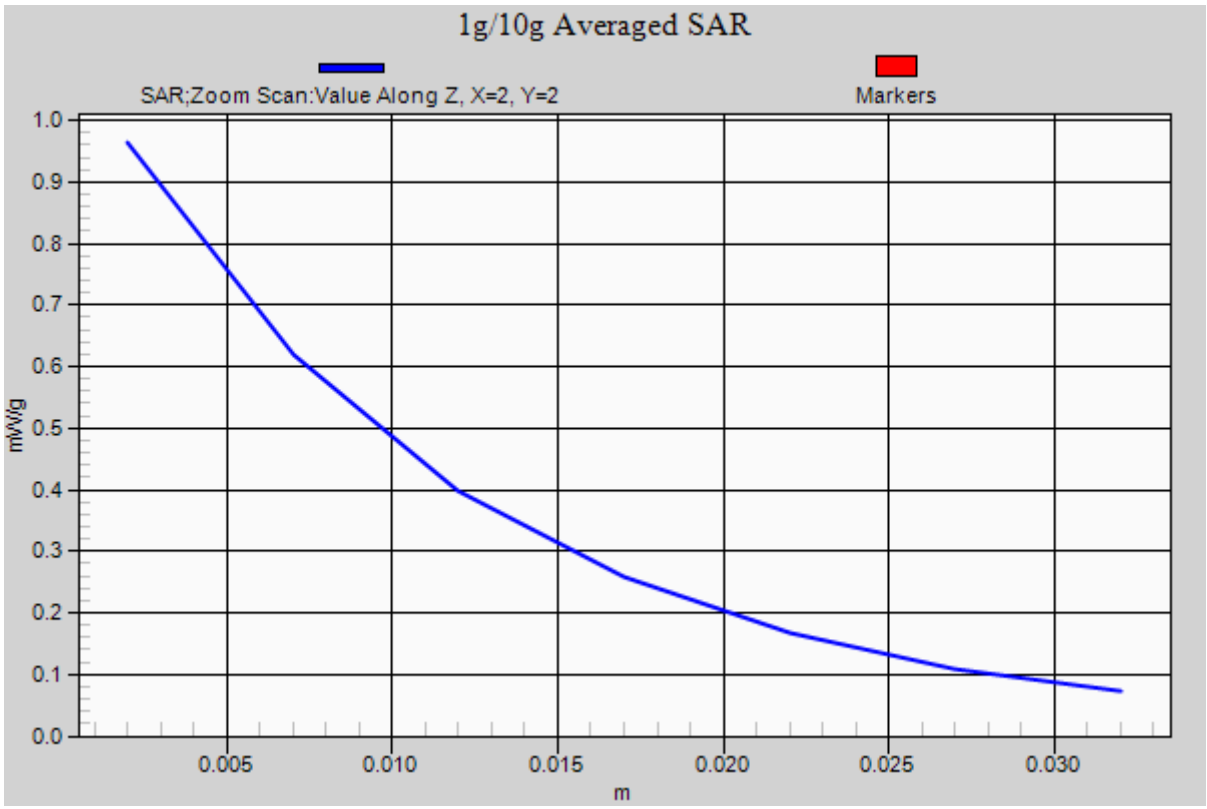
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.662 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.169 mW/g
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.963 mW/g




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

P44 CDMA2000 BC1_RC3+SO32_Left Side_1cm_Ch600

DUT: 120717C01

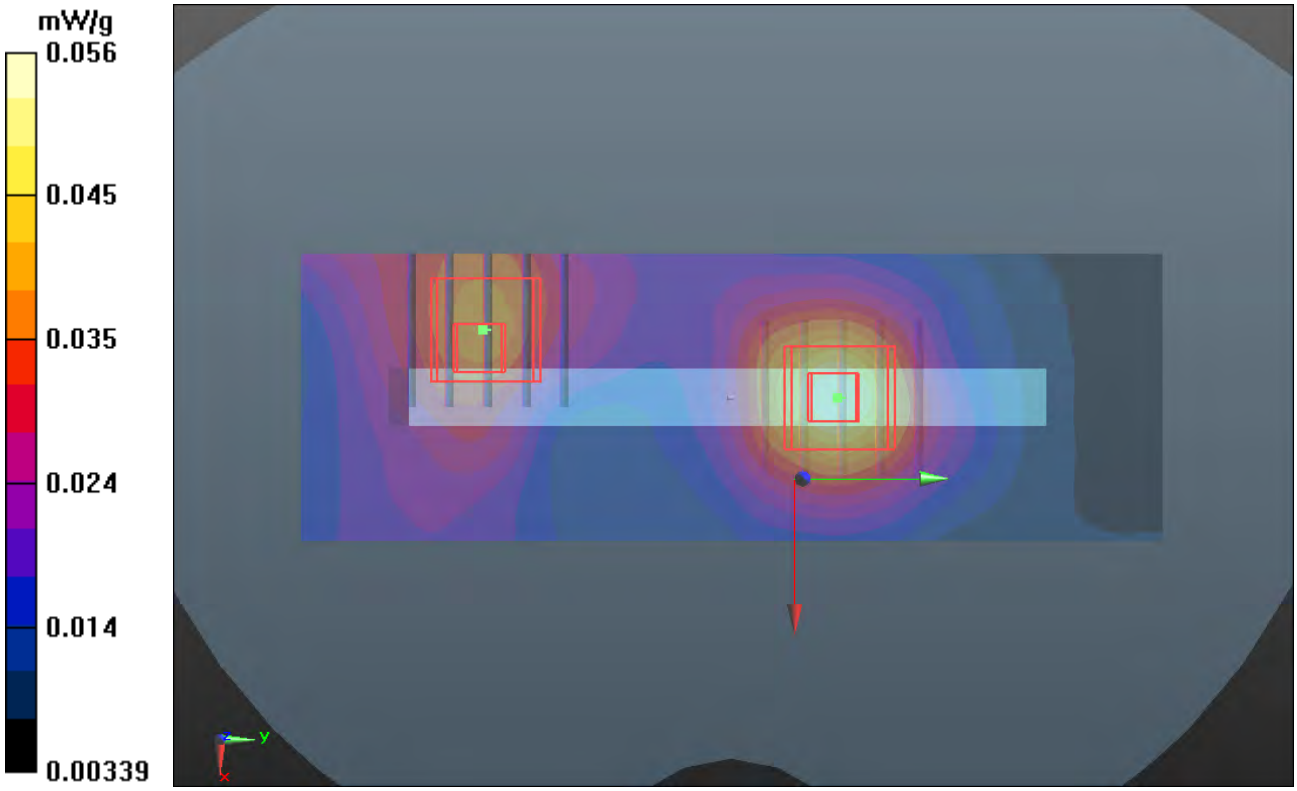
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0559 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.524 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.065 mW/g
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0533 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.524 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.046 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.0378 mW/g



P45 CDMA2000 BC1_RC3+SO32_Right Side_1cm_Ch600

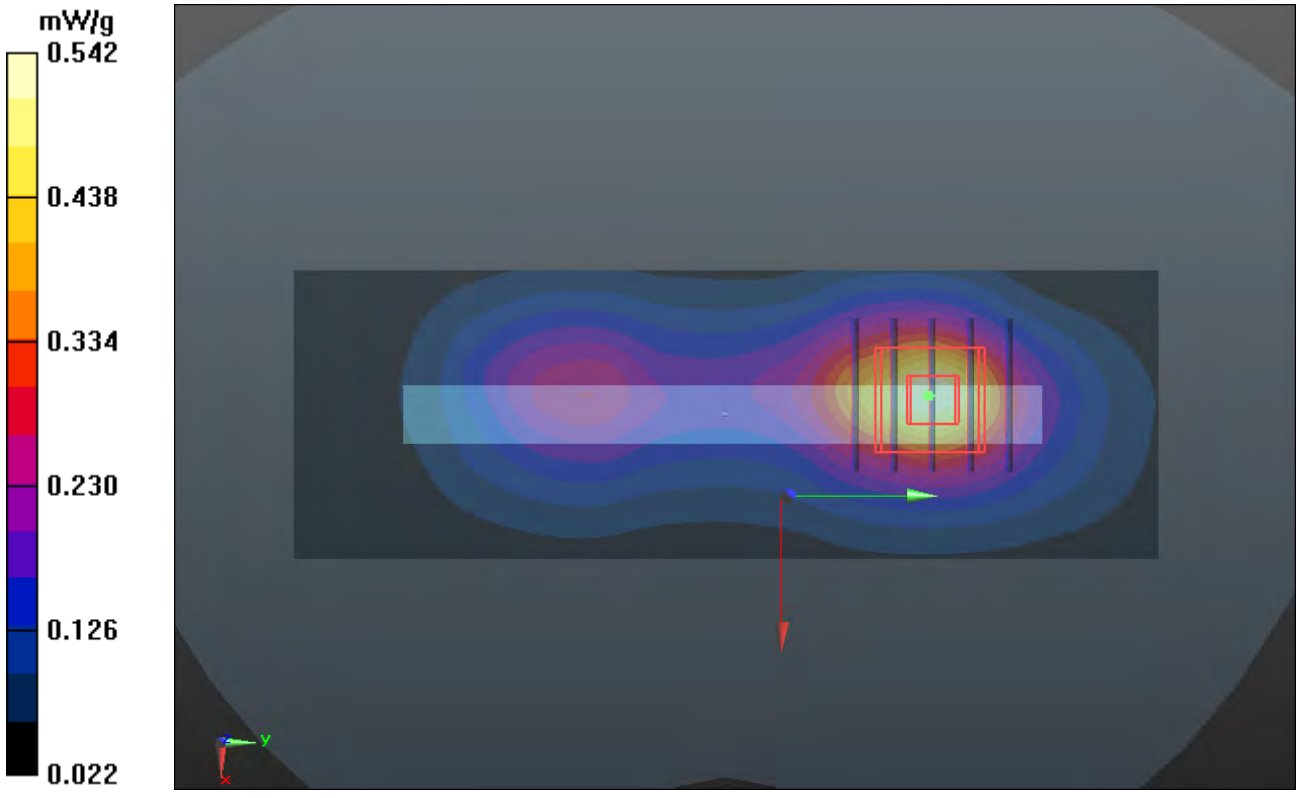
DUT: 120717C01

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.542 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.198 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.639 mW/g
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.527 mW/g



P46 CDMA2000 BC1_RC3+SO32_Bottom Side_1cm_Ch600

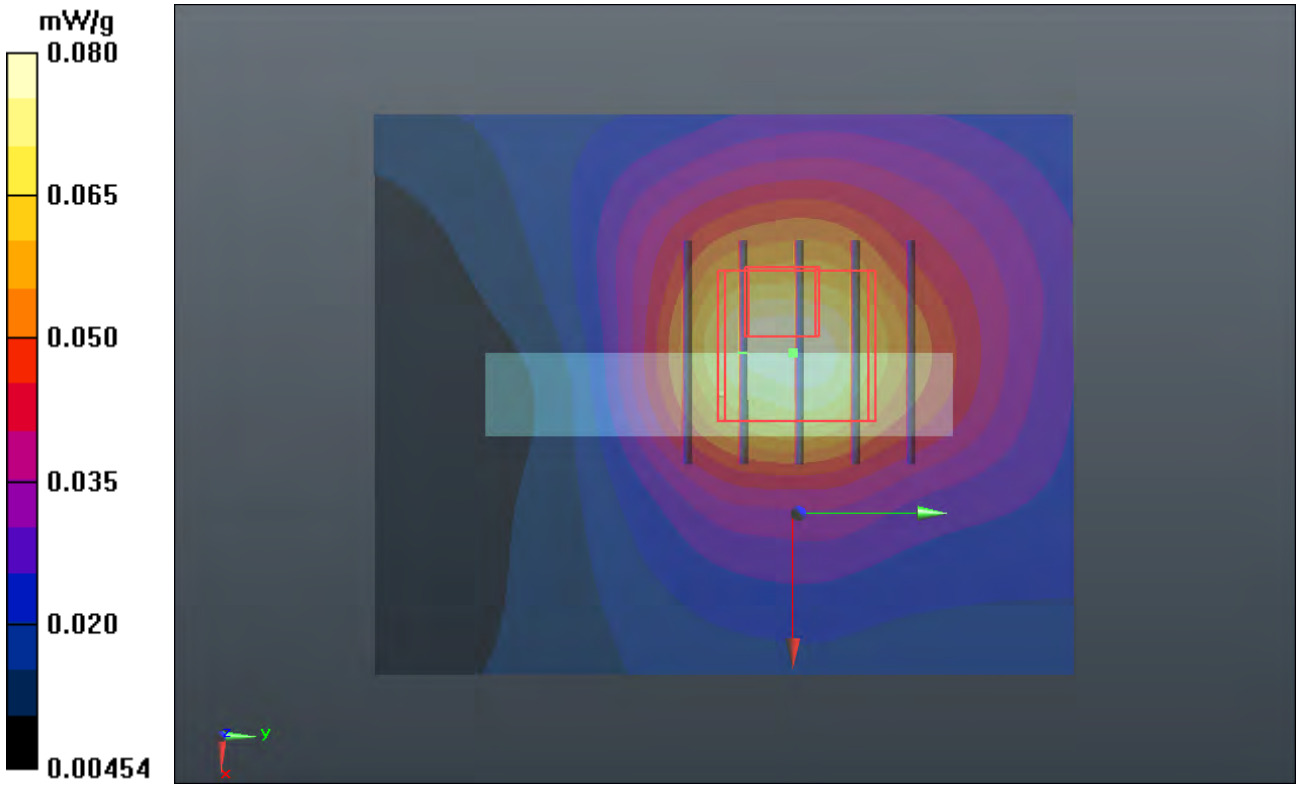
DUT: 120717C01

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0796 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.616 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.085 mW/g
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.0768 mW/g



P47 CDMA2000 BC1_RC3+SO32_Front Face_1cm_Ch600_Earphone

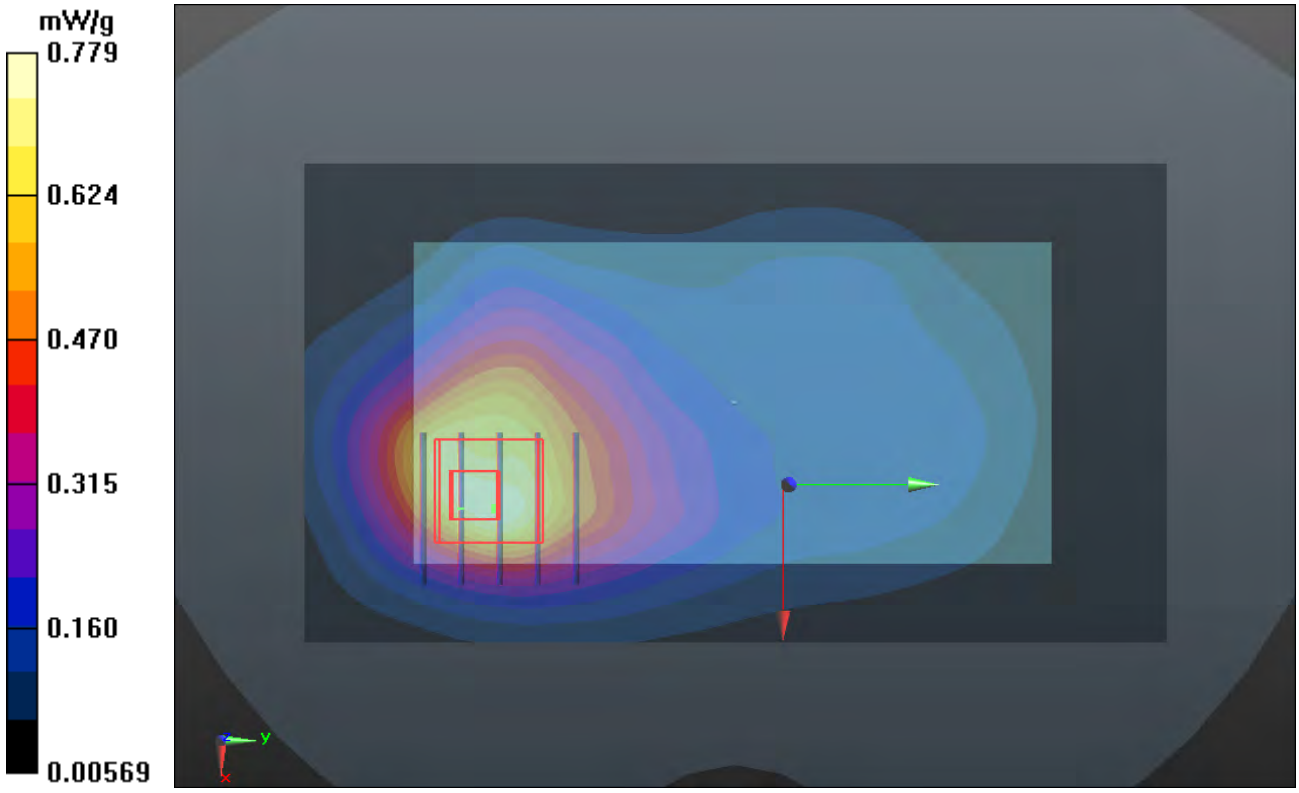
DUT: 120717C01

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.779 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.043 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.088 mW/g
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.868 mW/g



P48 CDMA2000 BC1_RC3+SO32_Rear Face_1cm_Ch600_Earphone

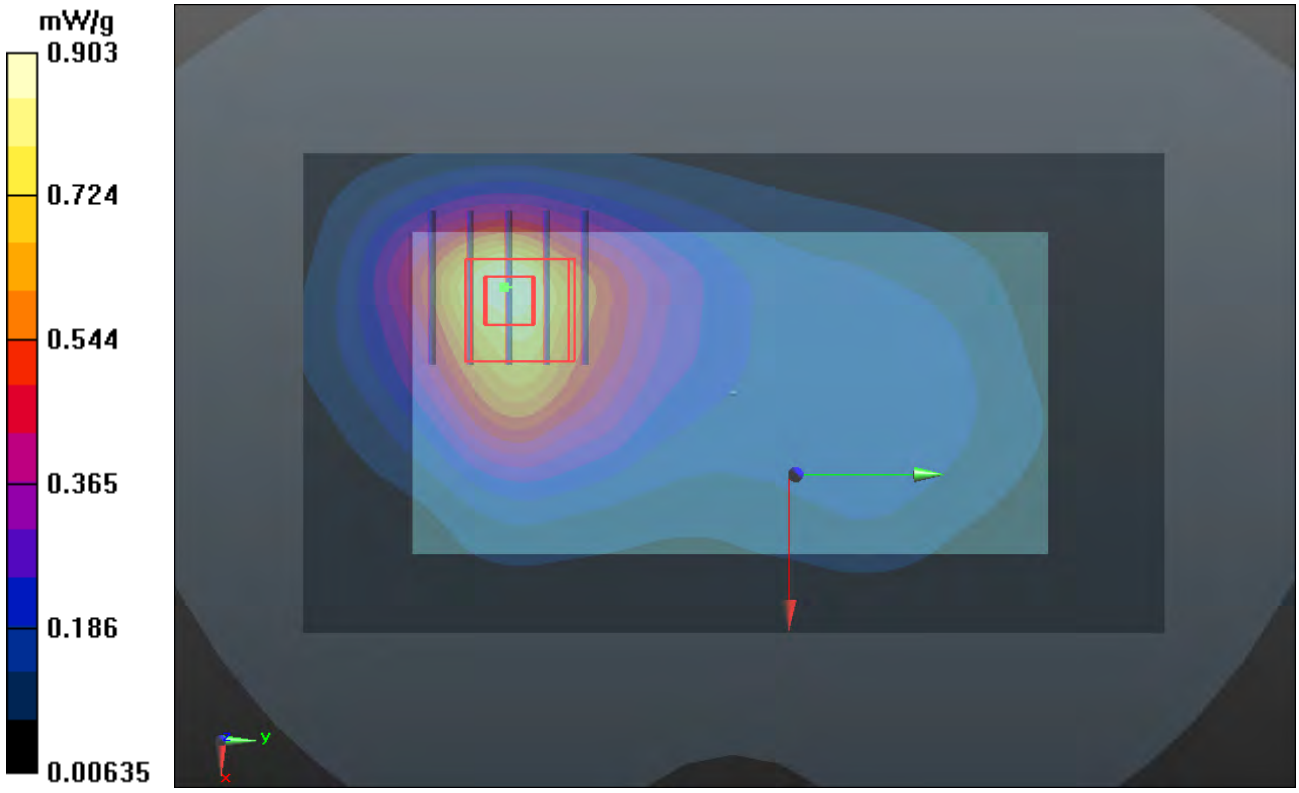
DUT: 120717C01

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0804 Medium parameters used: f = 1880 MHz; σ = 1.541 mho/m; ε_r = 54.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.903 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.700 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.000 mW/g
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 0.842 mW/g



P273 LTE13_QPSK_10M_Front Face_1cm_Ch23230_25 RB_Offset 12

DUT: 120717C01

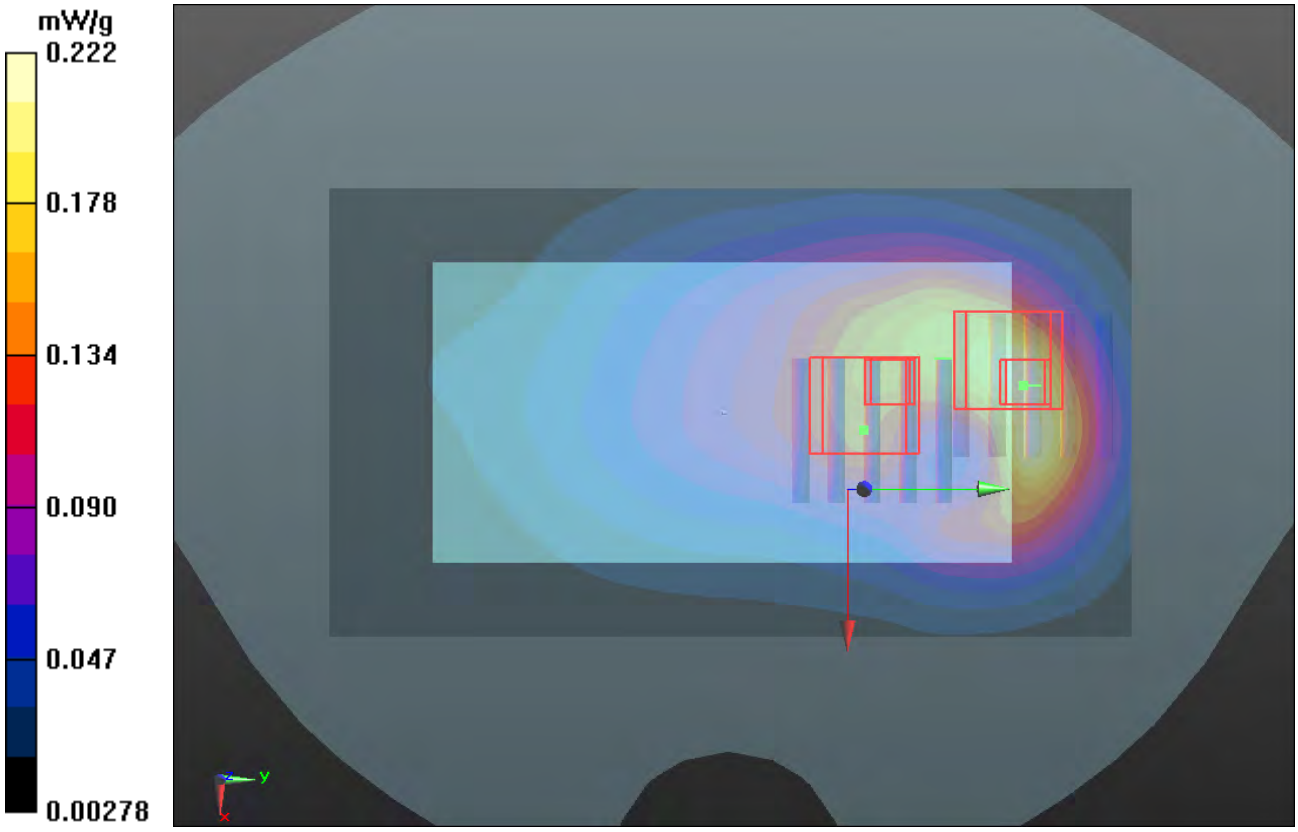
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.222 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.551 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.290 mW/g
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.227 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.551 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.219 mW/g
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



P274 LTE13_QPSK_10M_Rear Face_1cm_Ch23230_25 RB_Offset 12

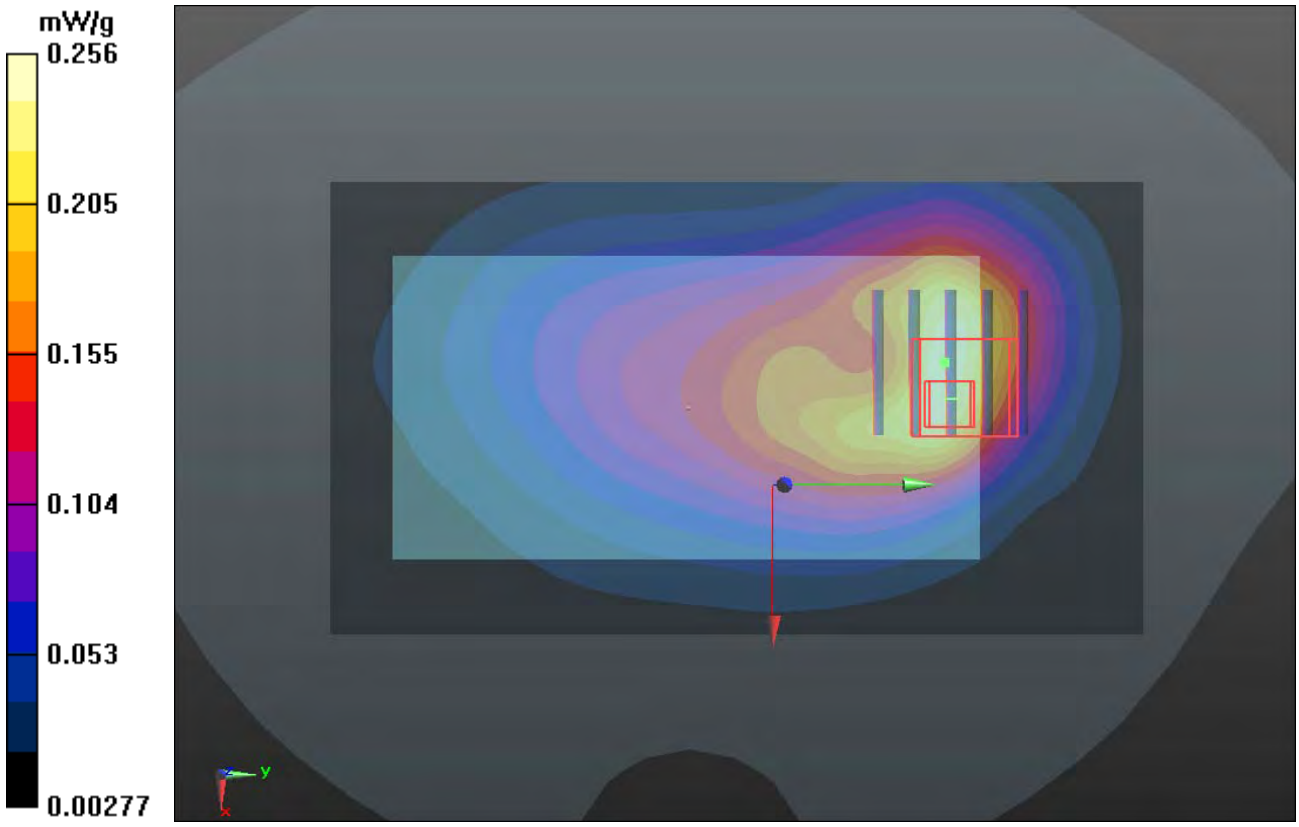
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.256 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.555 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.339 mW/g
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.264 mW/g



P275 LTE13_QPSK_10M_Left Side_1cm_Ch23230_25 RB_Offset 12

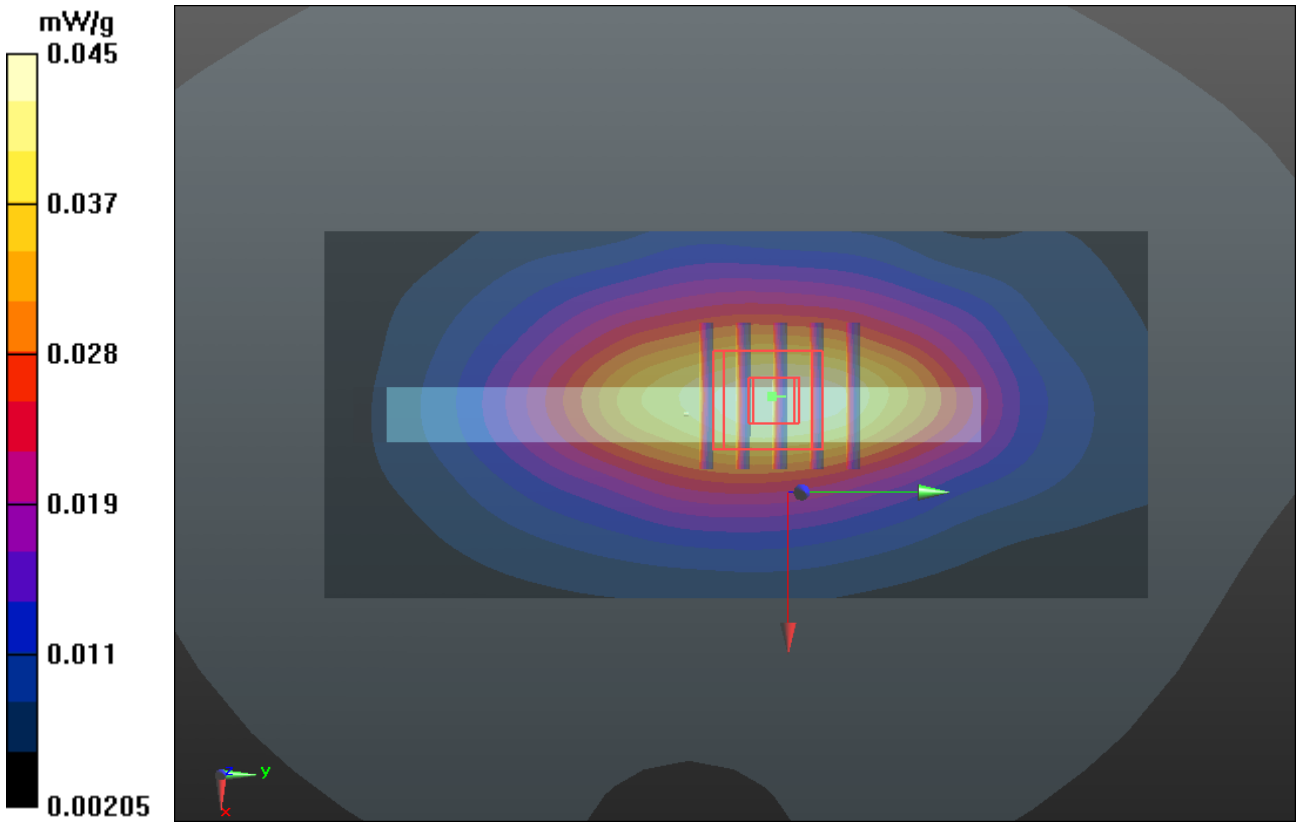
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0454 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.483 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.052 mW/g
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0451 mW/g



P276 LTE13_QPSK_10M_Right Side_1cm_Ch23230_25 RB_Offset 12

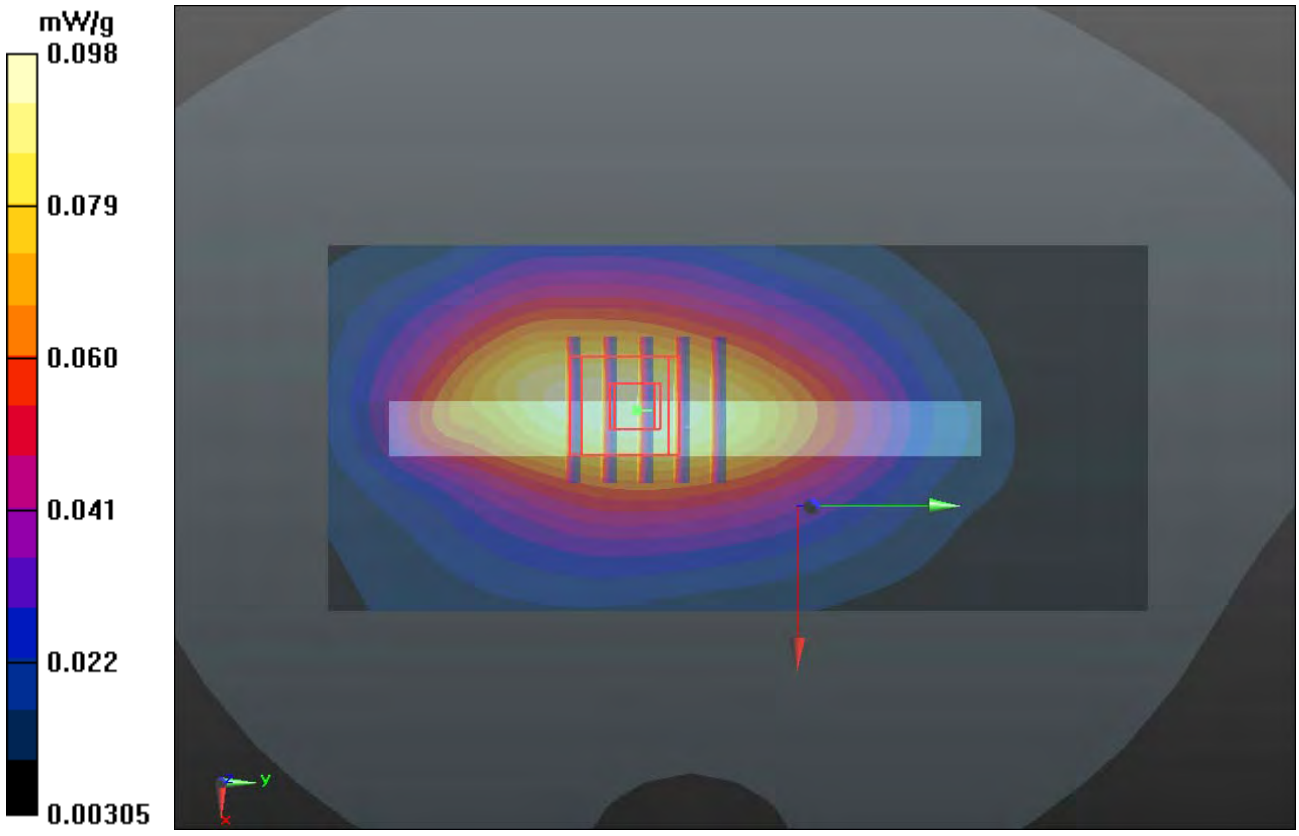
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0981 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.923 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.116 mW/g
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.0996 mW/g



P277 LTE13_QPSK_10M_Top Side_1cm_Ch23230_25 RB_Offset 12

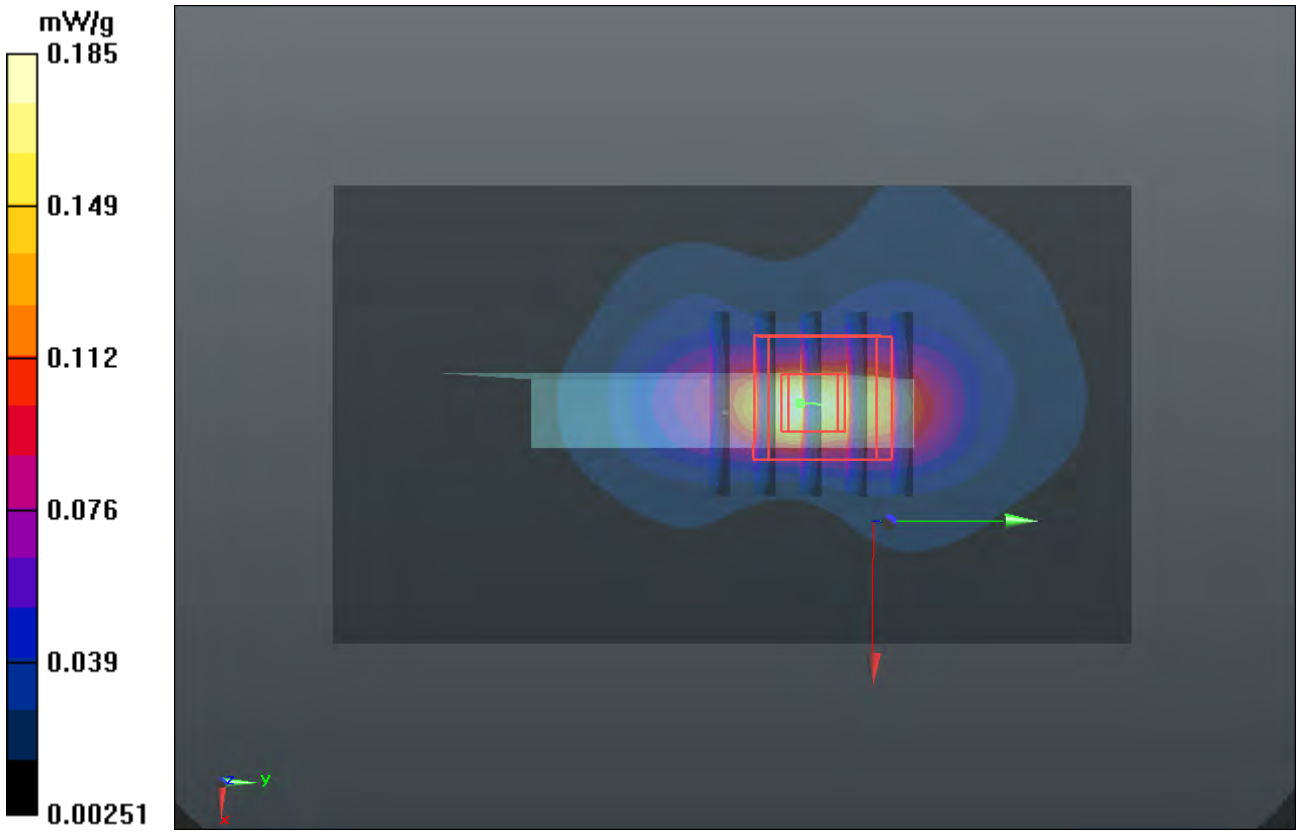
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.347 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.192 mW/g



P278 LTE13_QPSK_10M_Front Face_1cm_Ch23230_1 RB_Offset 0

DUT: 120717C01

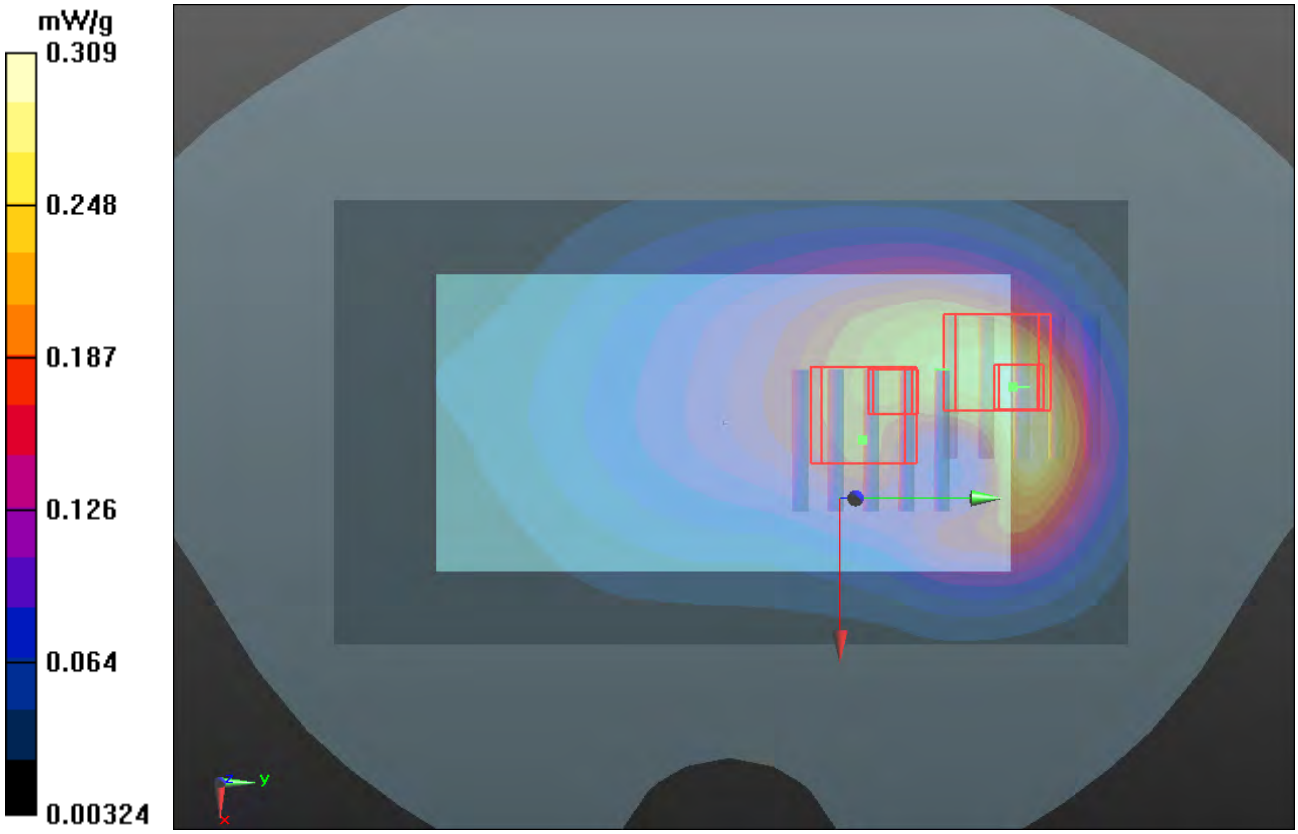
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.309 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.317 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.417 mW/g
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.324 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.317 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.302 mW/g
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



P279 LTE13_QPSK_10M_Rear Face_1cm_Ch23230_1 RB_Offset 0

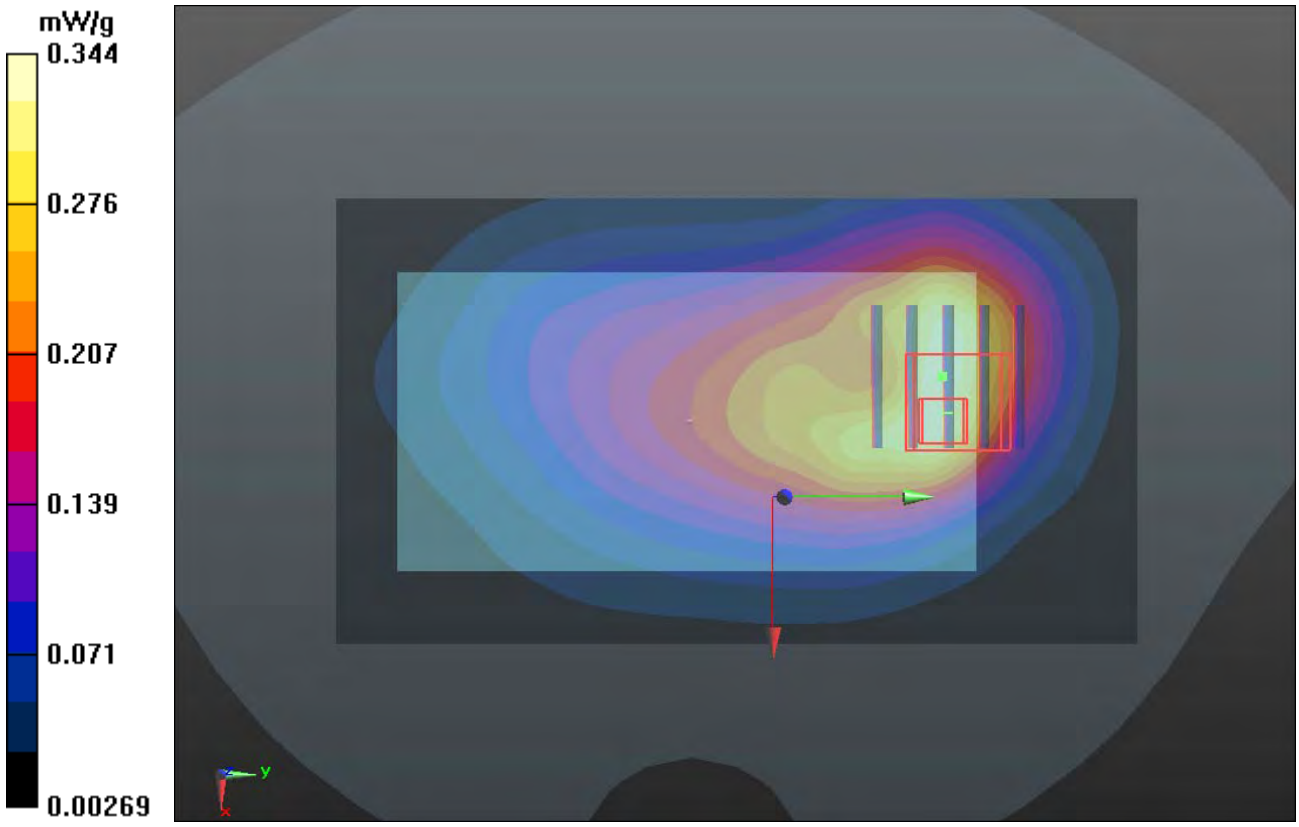
DUT: 120717C01

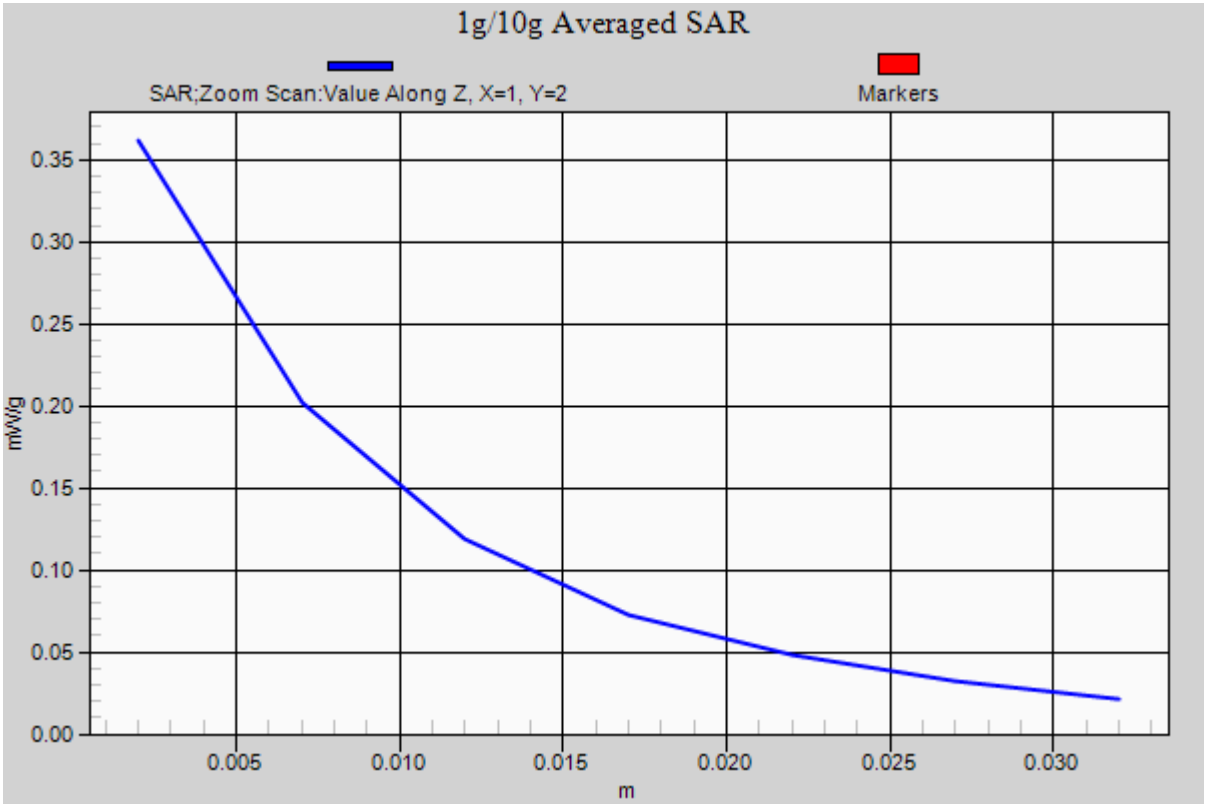
Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.753 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.466 mW/g
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.362 mW/g




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

P280 LTE13_QPSK_10M_Left Side_1cm_Ch23230_1 RB_Offset 0

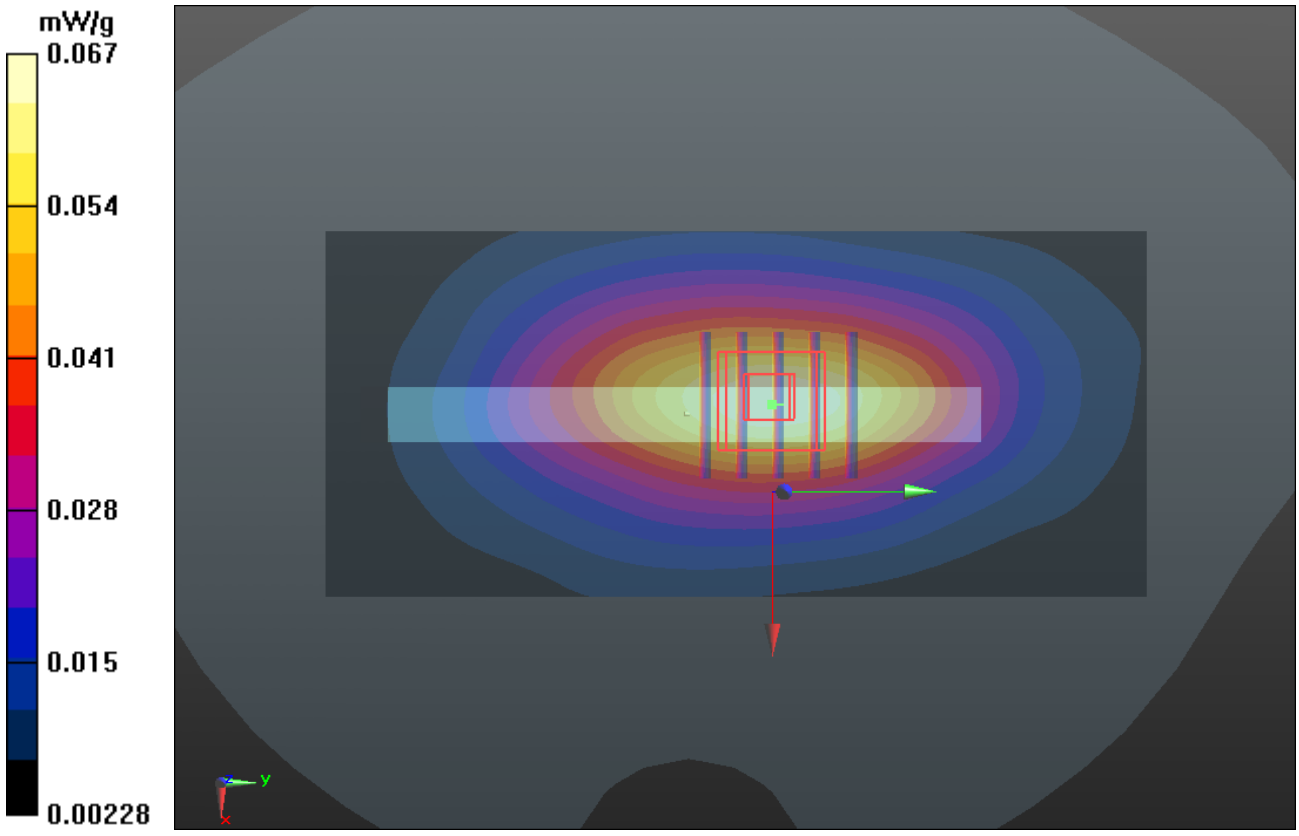
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0665 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.879 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.0643 mW/g



P281 LTE13_QPSK_10M_Right Side_1cm_Ch23230_1 RB_Offset 0

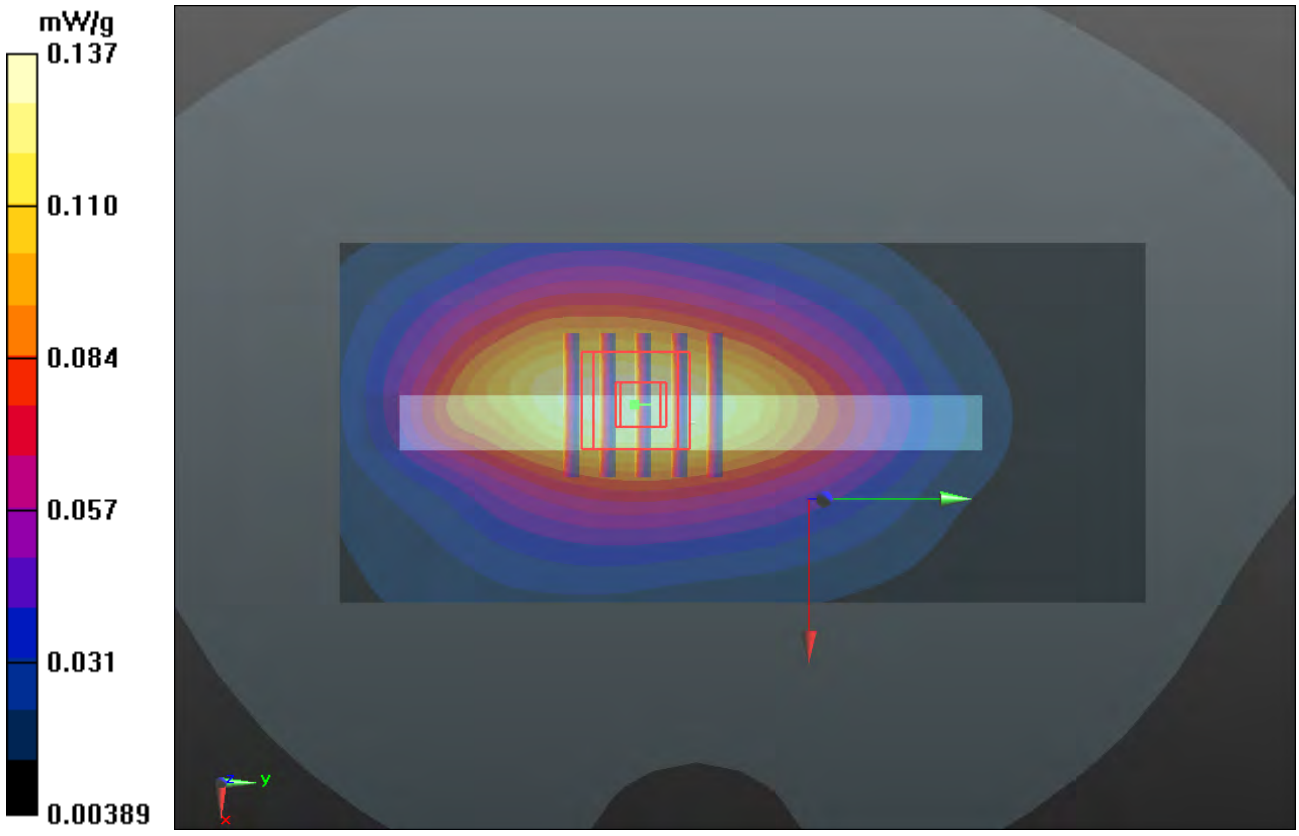
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.137 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.507 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.158 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.137 mW/g



P282 LTE13_QPSK_10M_Top Side_1cm_Ch23230_1 RB_Offset 0

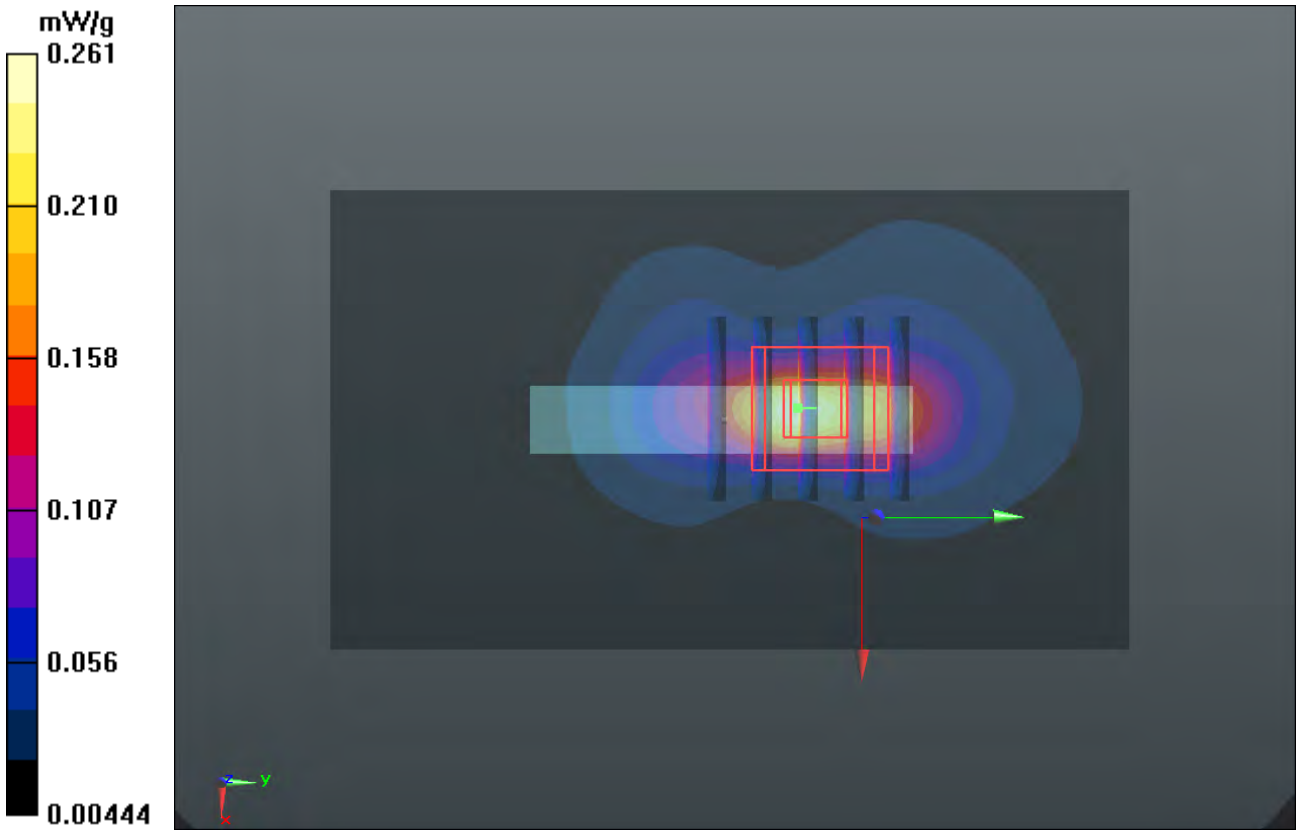
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.434 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.357 mW/g
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.272 mW/g



P301 LTE13_QPSK_10M_Front Face_1cm_Ch23230_1 RB_Offset 49

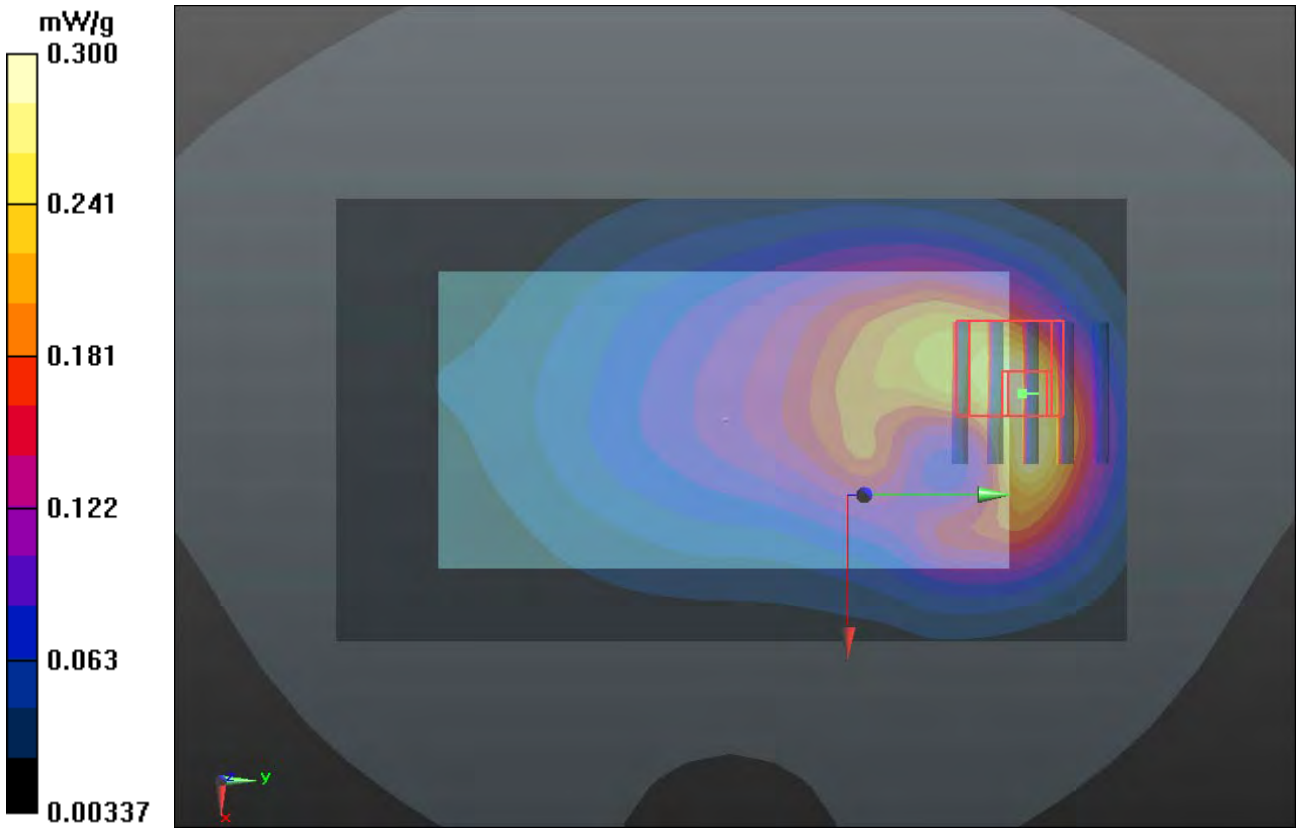
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.300 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.072 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.378 mW/g
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.291 mW/g



P305 LTE13_QPSK_10M_Rear Face_1cm_Ch23230_1 RB_Offset 49

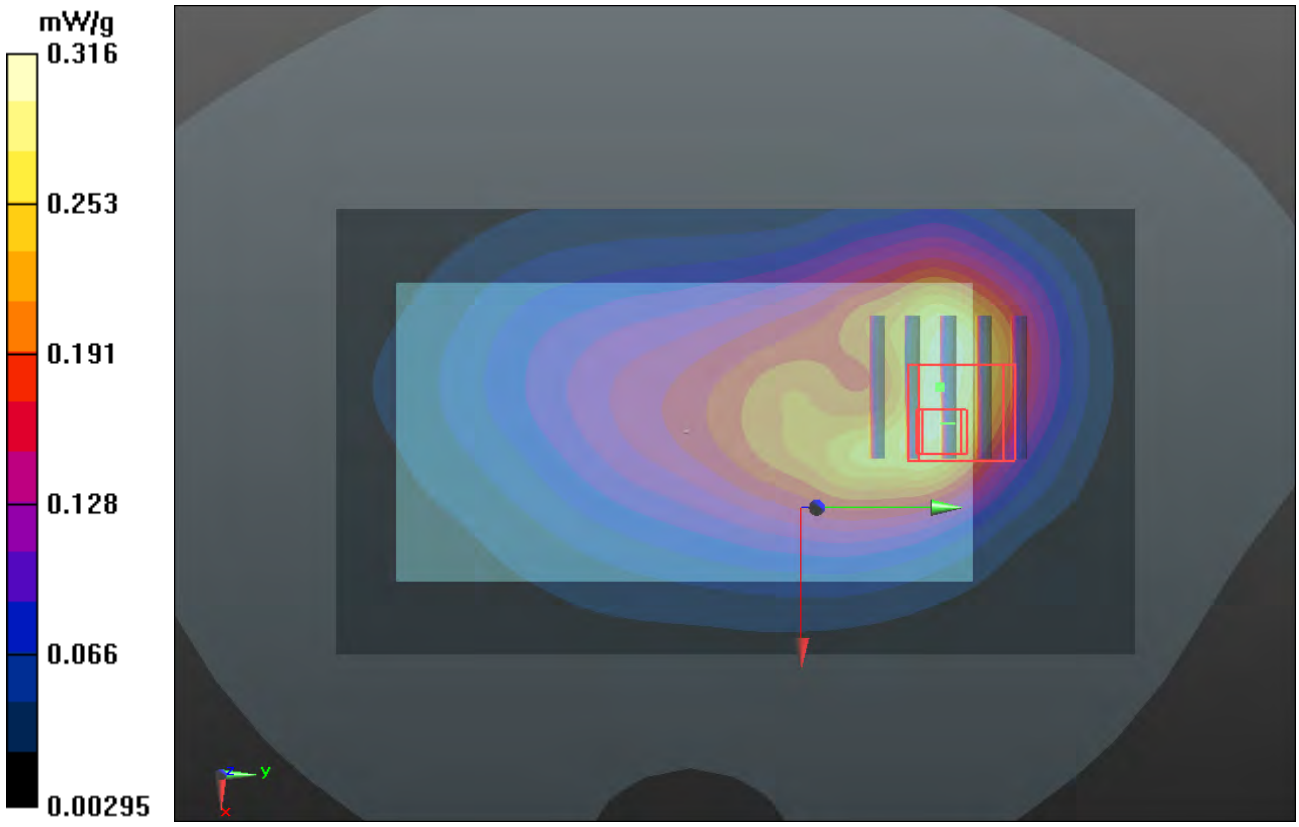
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.316 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.106 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.407 mW/g
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.316 mW/g



P284 LTE13_QPSK_10M_Left Side_1cm_Ch23230_1 RB_Offset 49

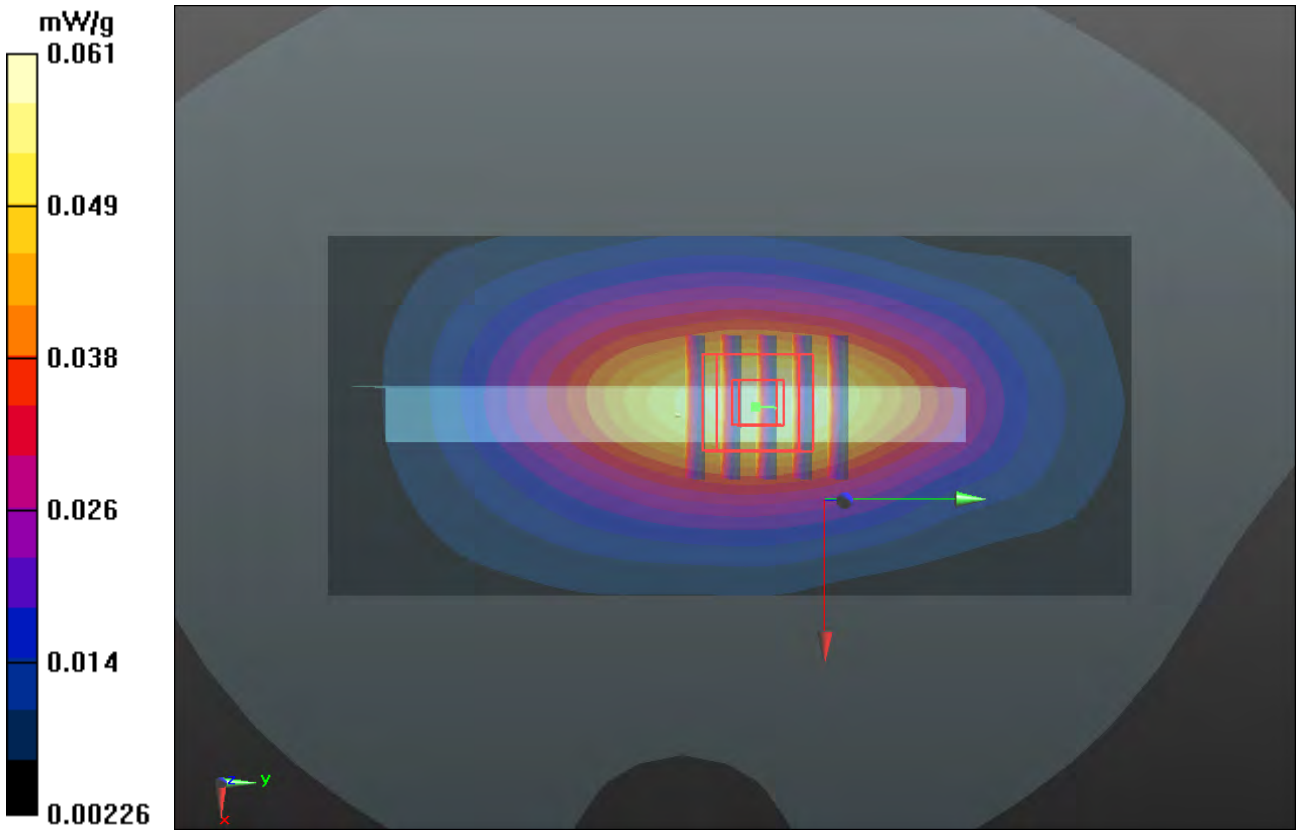
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0610 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.552 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.071 mW/g
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0604 mW/g



P285 LTE13_QPSK_10M_Right Side_1cm_Ch23230_1 RB_Offset 49

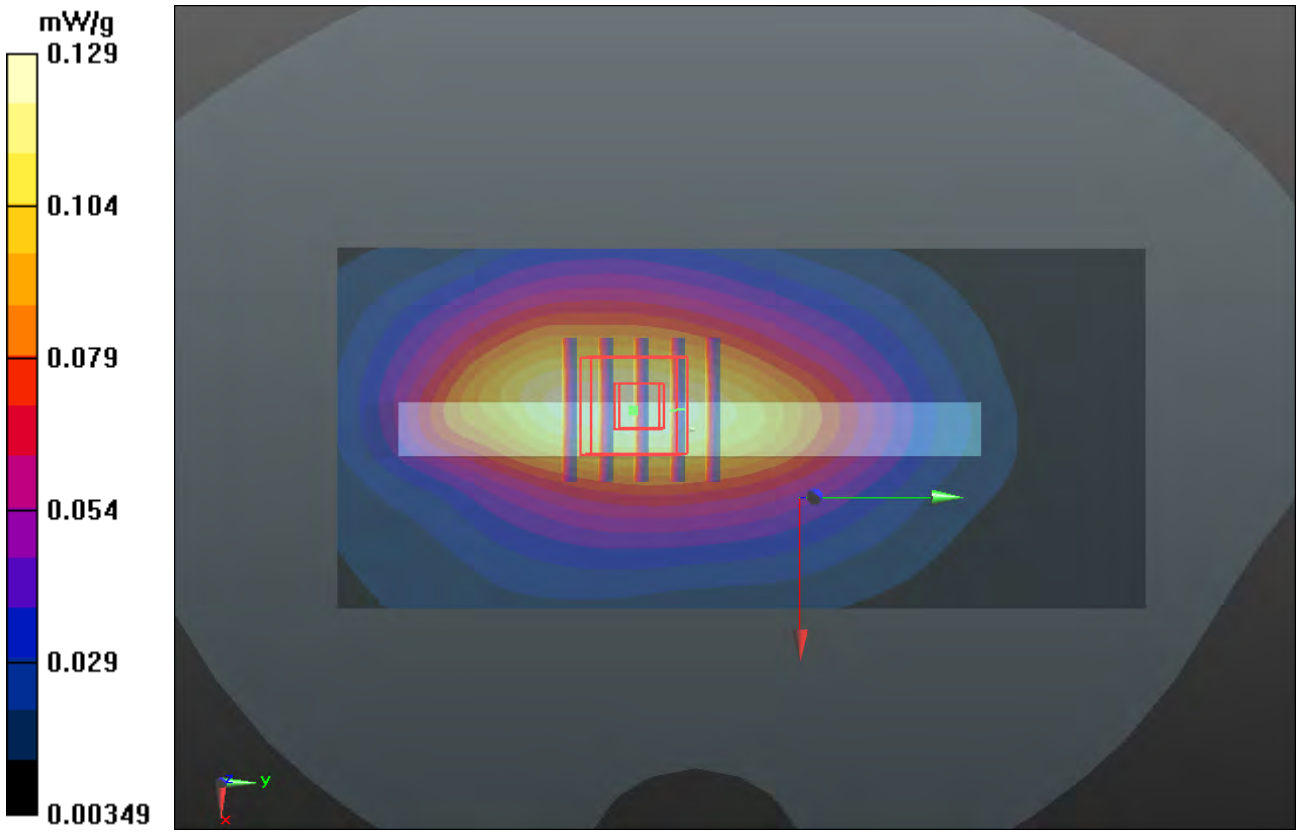
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.129 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.203 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.146 mW/g
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.127 mW/g



P286 LTE13_QPSK_10M_Top Side_1cm_Ch23230_1 RB_Offset 49

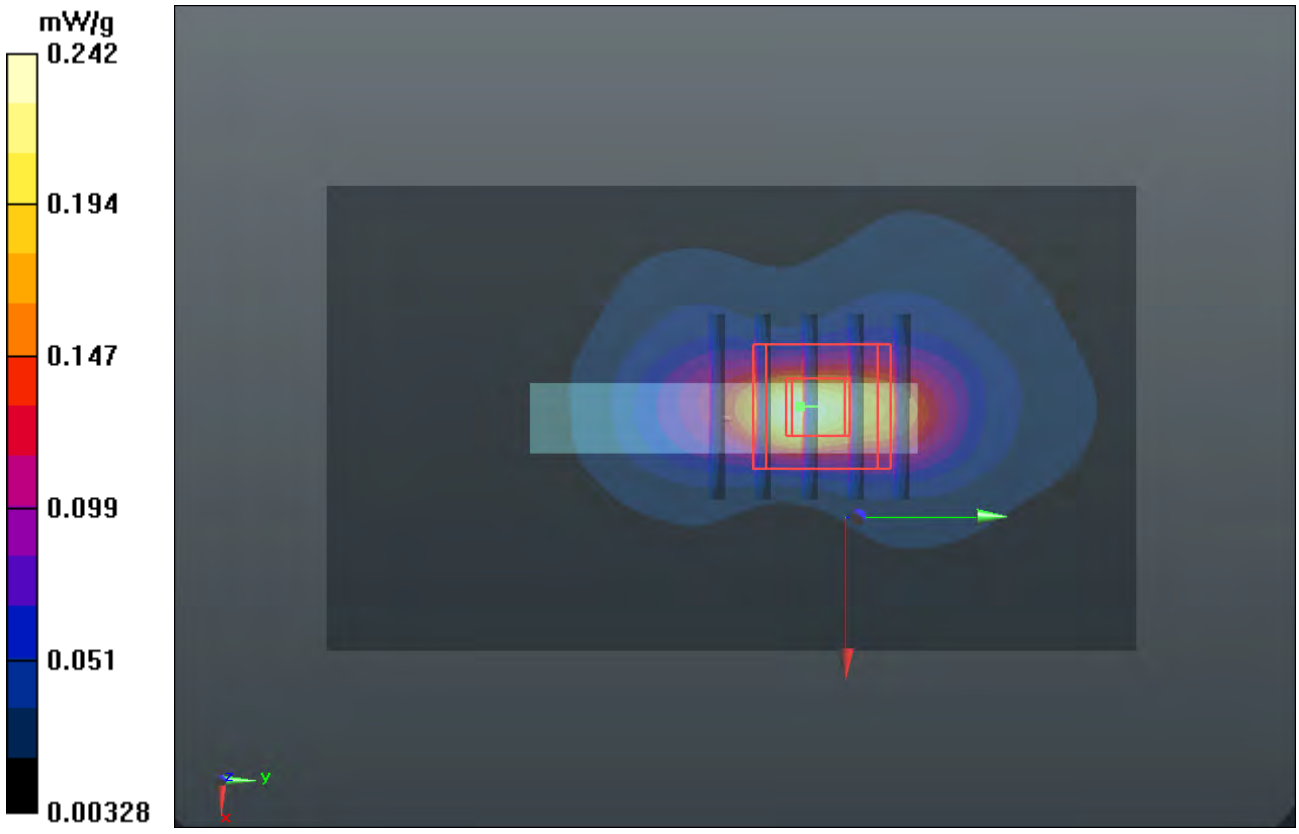
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.847 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.332 mW/g
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.248 mW/g



P414 LTE 13_16QAM_10M_Front Face_1cm_Ch23230_1RB_offset 0

DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_1022 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.256 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.210 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

P287 LTE13_16QAM_10M_Rear Face_1cm_Ch23230_25 RB_Offset 12

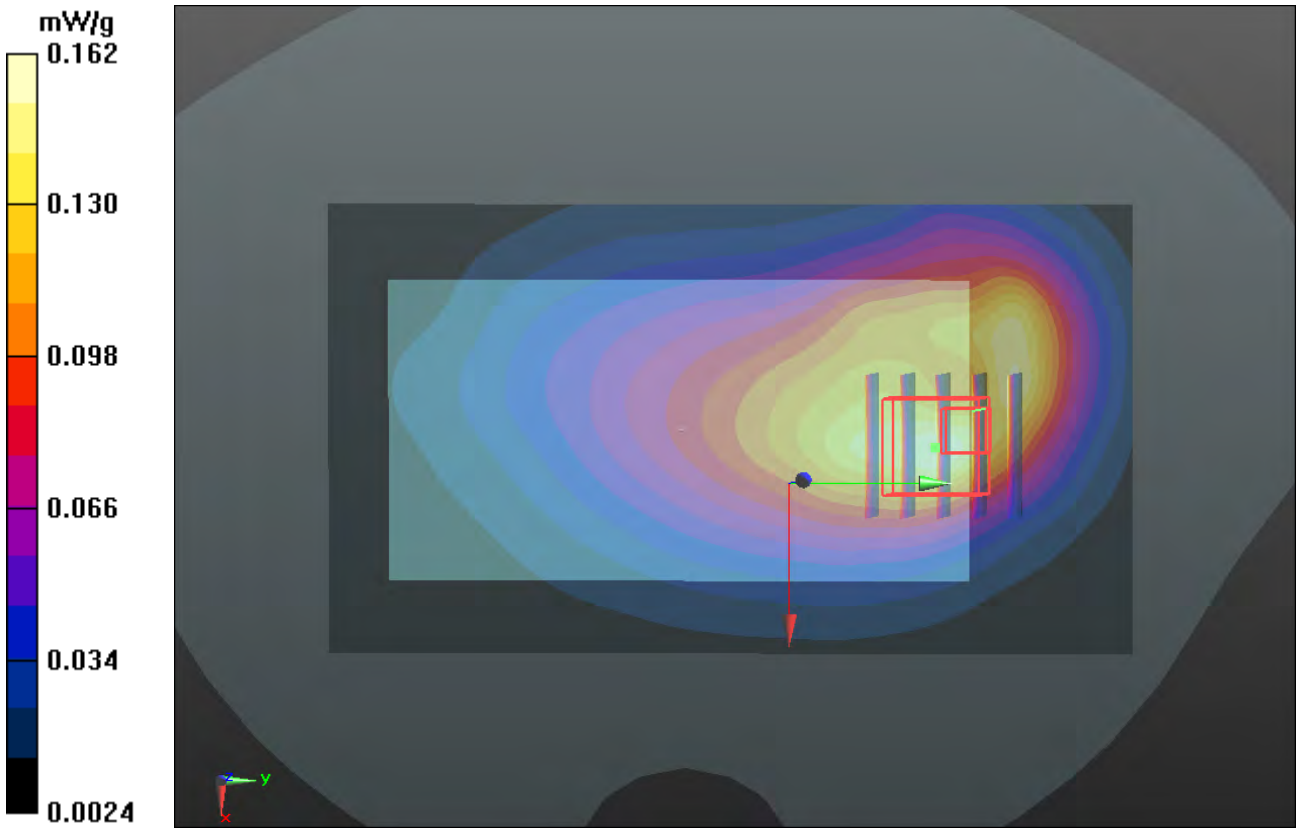
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.047 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.227 mW/g
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



P289 LTE13_16QAM_10M_Rear Face_1cm_Ch23230_1 RB_Offset 0

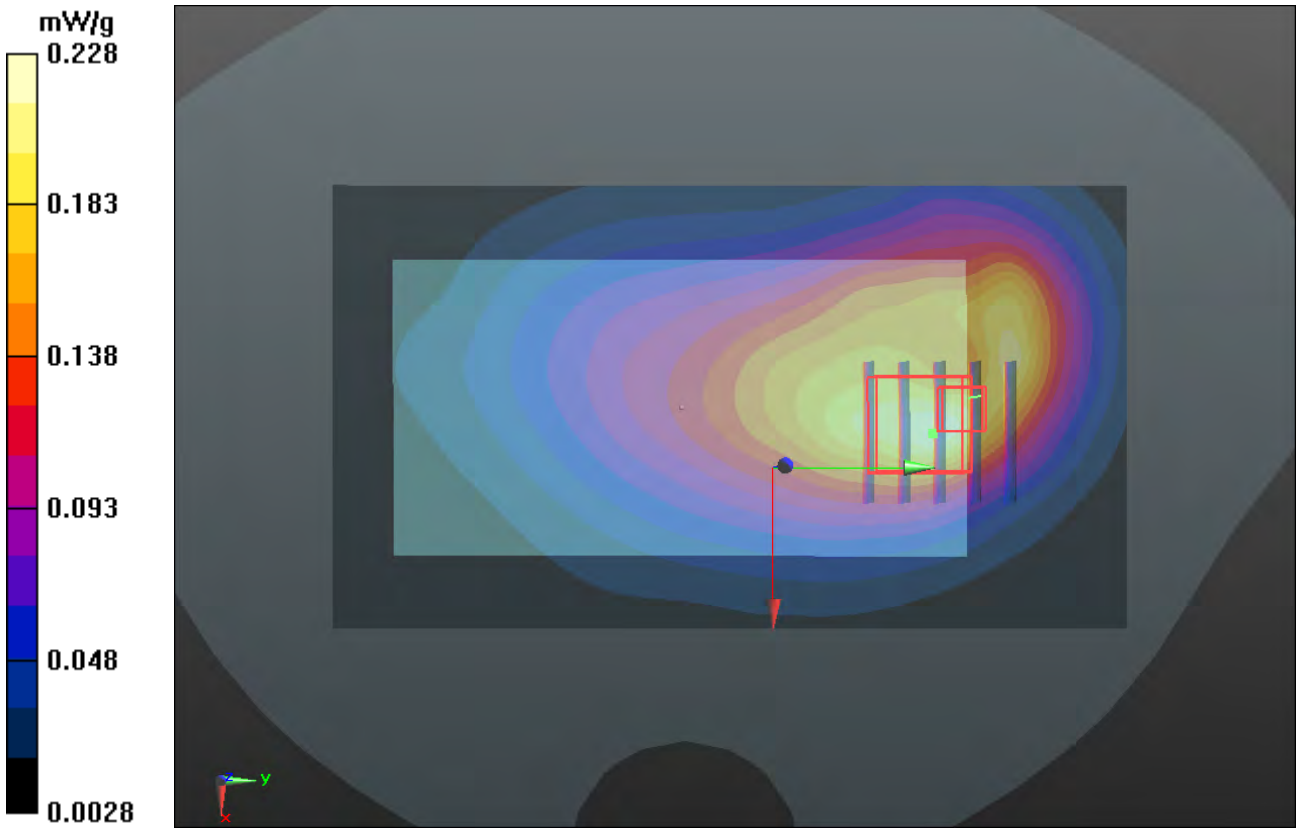
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.228 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.873 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.304 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



P291 LTE13_16QAM_10M_Rear Face_1cm_Ch23230_1 RB_Offset 49

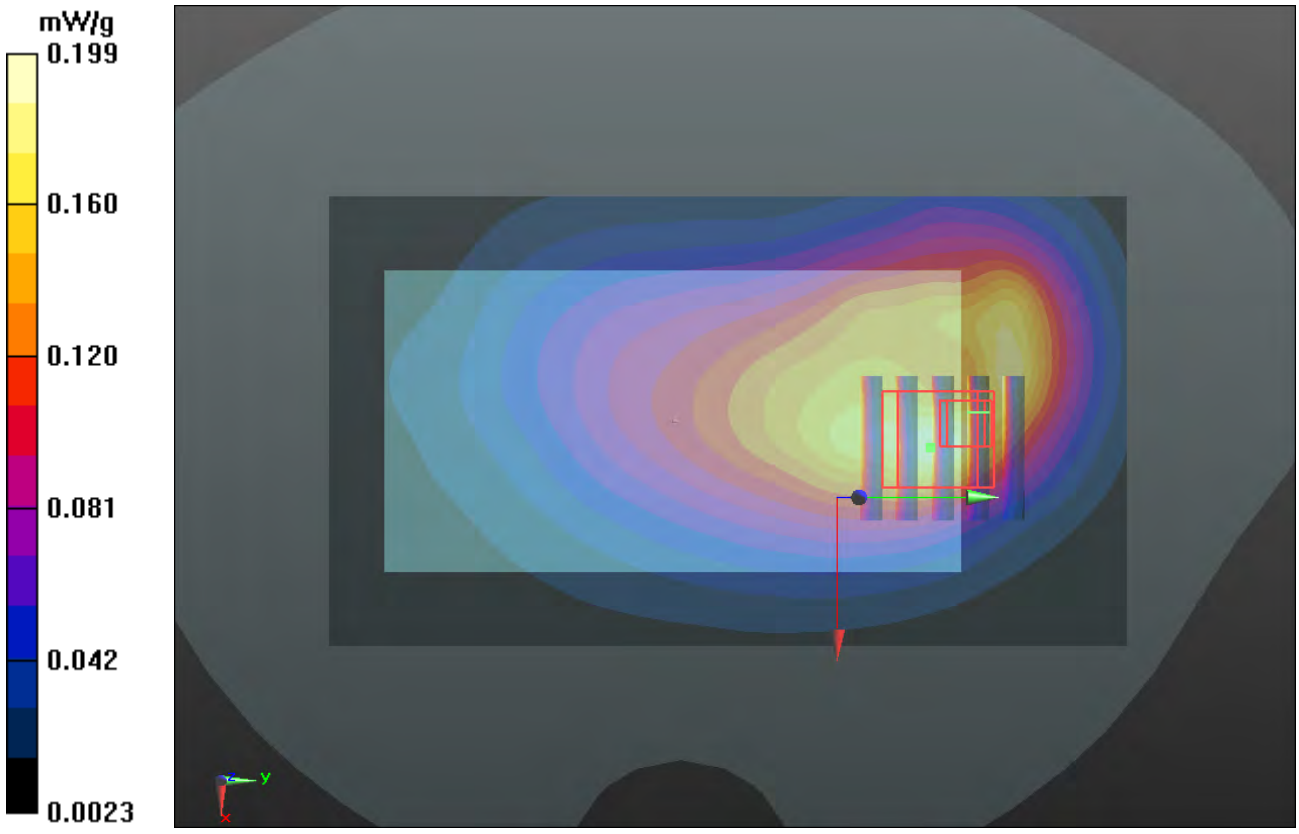
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.303 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.281 mW/g
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.220 mW/g



P417 LTE 13_16QAM_10M_Left Side_1cm_Ch23230_1RB_offset 0

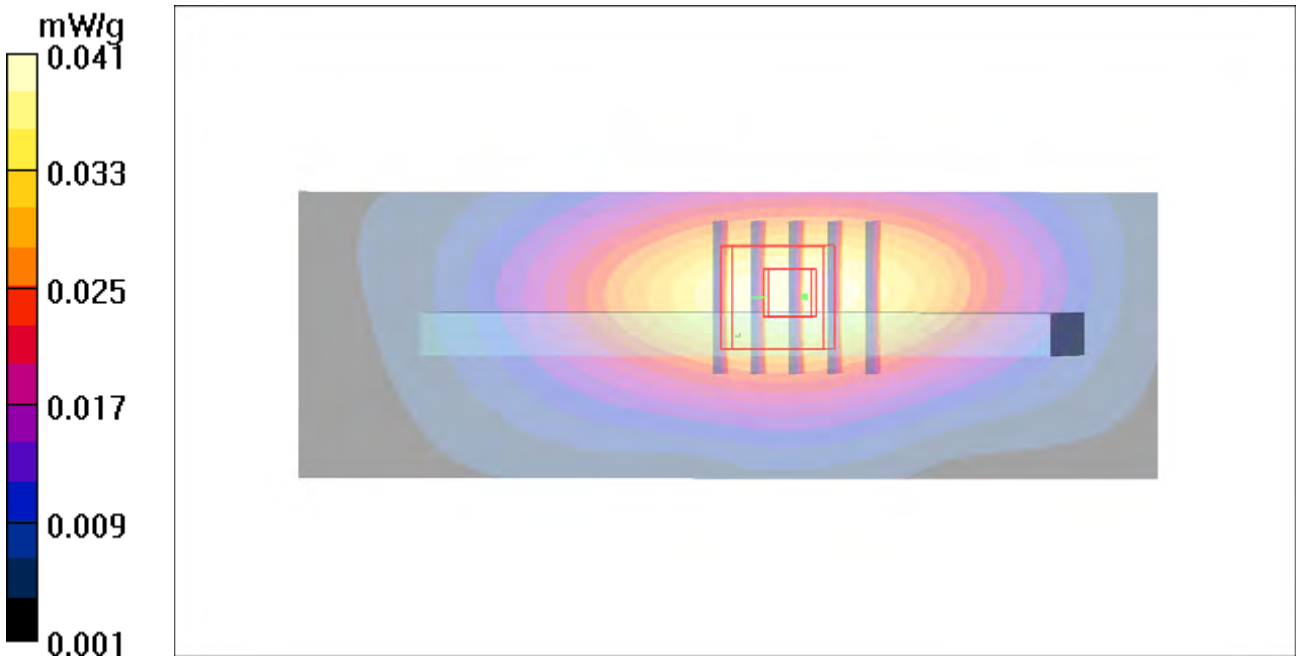
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_1022 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.041 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.84 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.047 W/kg
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.041 mW/g



P420 LTE 13_16QAM_10M_Right Side_1cm_Ch23230_1RB_offset 0

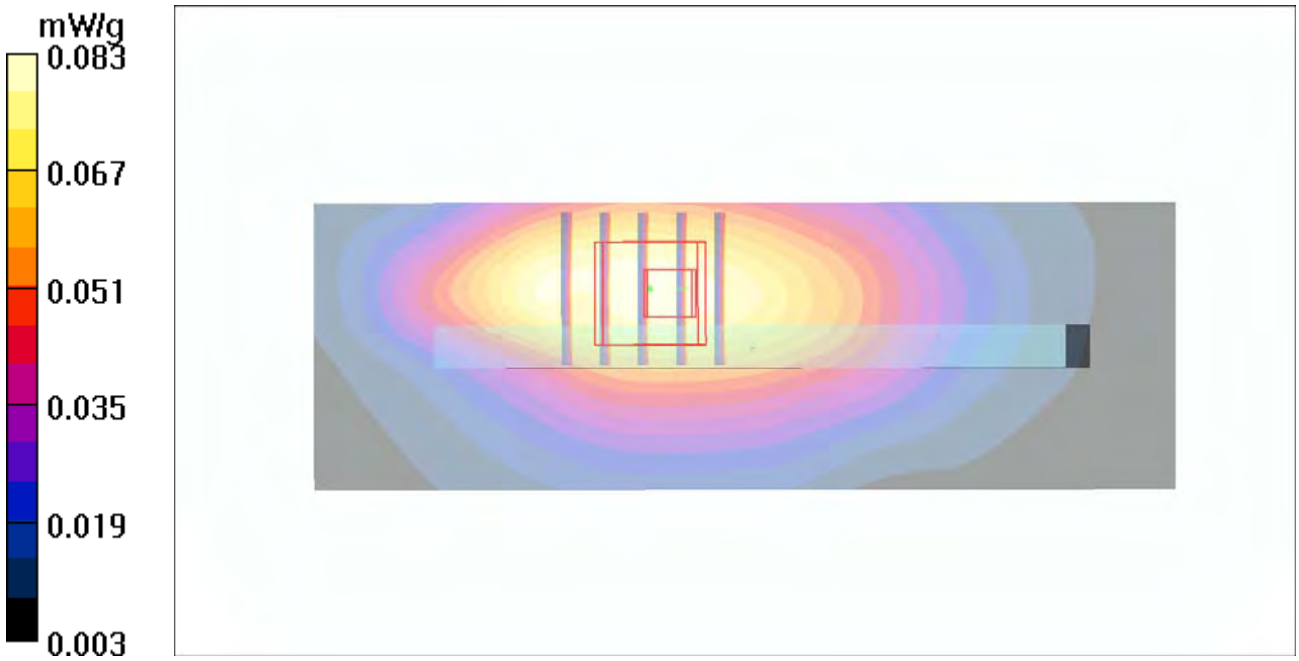
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_1022 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.083 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.17 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.093 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.082 mW/g



P423 LTE 13_16QAM_10M_Top Side_1cm_Ch23230_1RB_offset 0

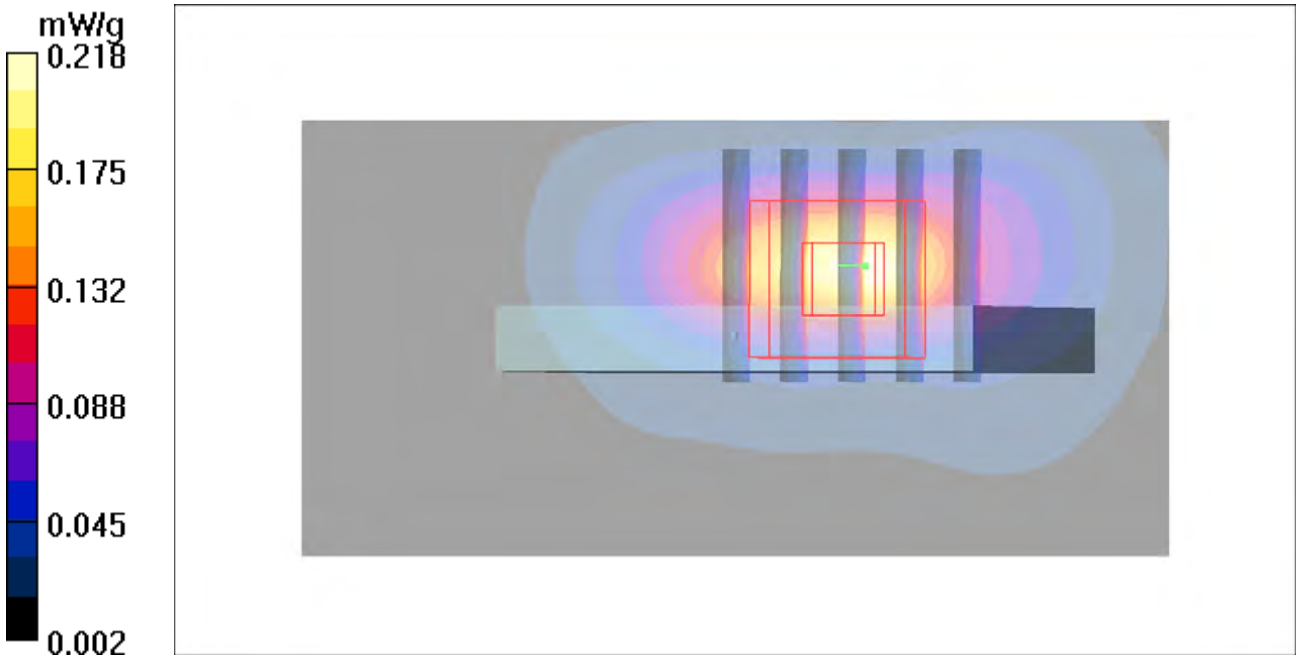
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_1022 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.53 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.221 mW/g



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

P292 LTE13_QPSK_10M_Front Face_1cm_Ch23230_25 RB_Offset 12_Earphone

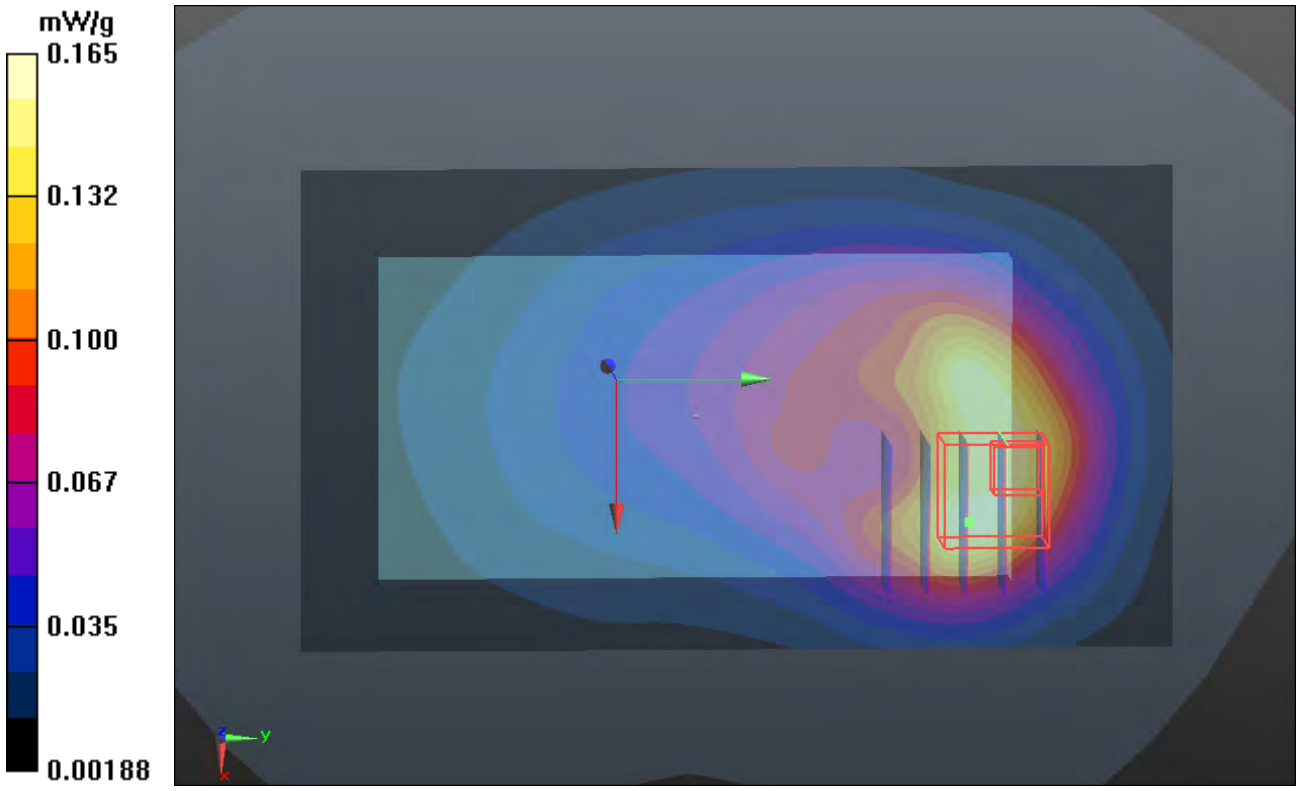
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.165 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.553 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.254 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.191 mW/g



P293 LTE13_QPSK_10M_Rear Face_1cm_Ch23230_25 RB_Offset 12_Earphone

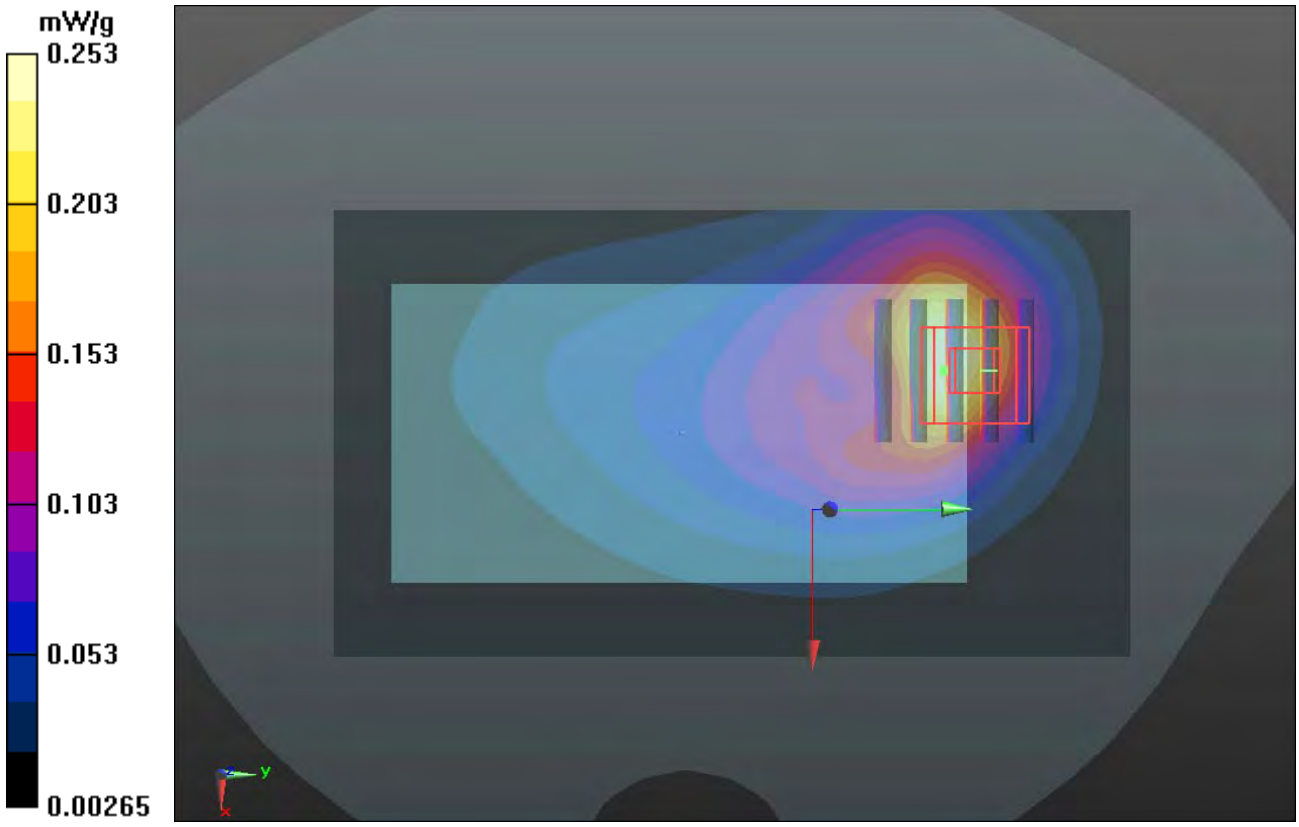
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.253 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.167 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.304 mW/g
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.229 mW/g



P294 LTE13_QPSK_10M_Front Face_1cm_Ch23230_1 RB_Offset 0_Earphone

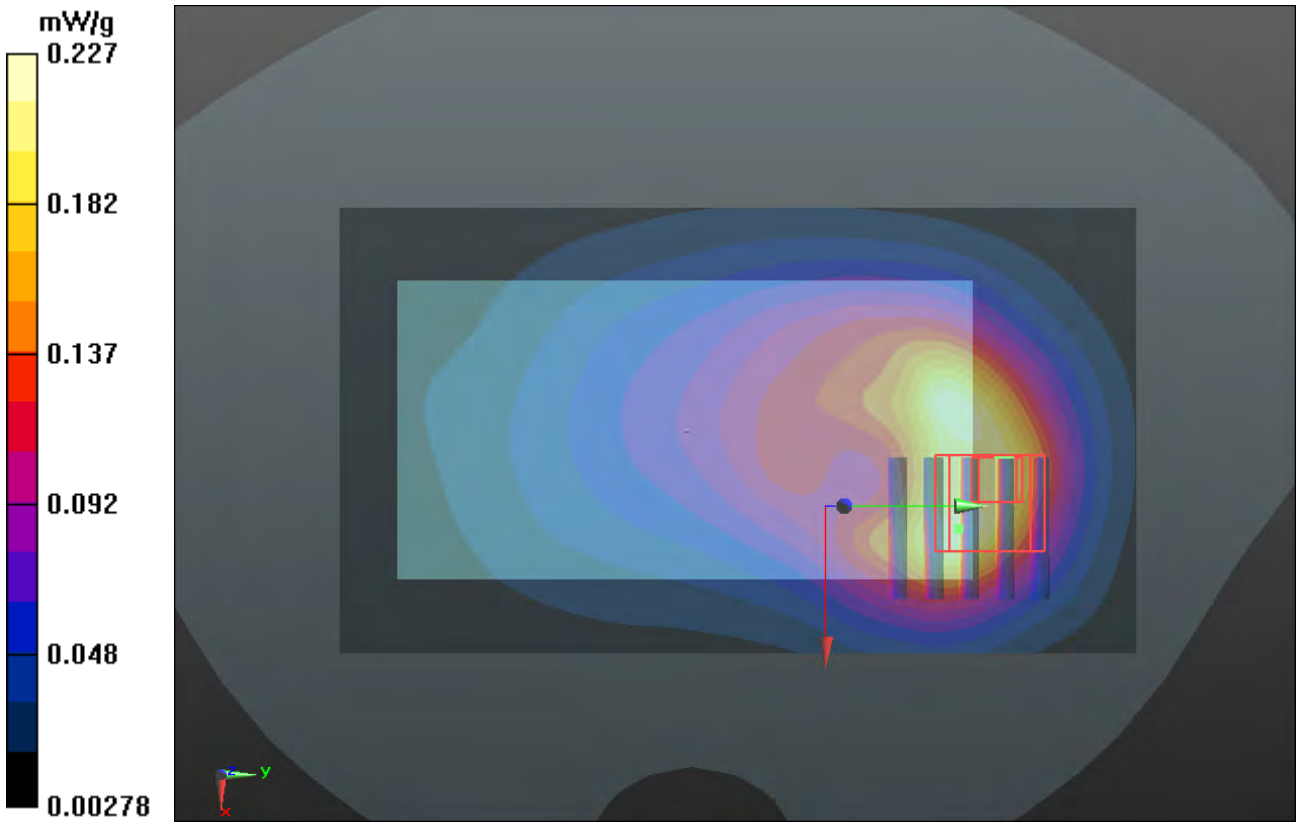
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.229 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.350 mW/g
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



P295 LTE13_QPSK_10M_Rear Face_1cm_Ch23230_1 RB_Offset 0_Earphone

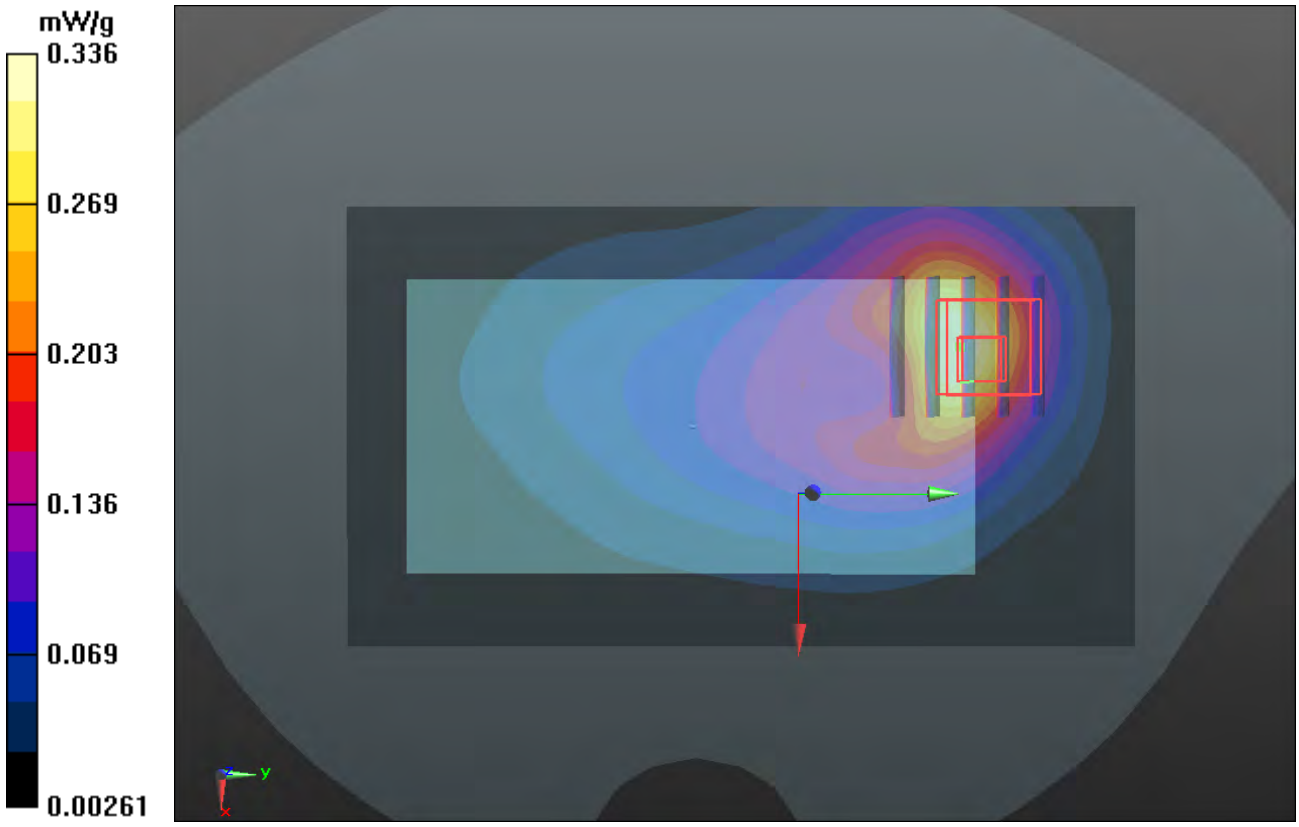
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.336 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.633 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.424 mW/g
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.320 mW/g



P296 LTE13_QPSK_10M_Front Face_1cm_Ch23230_1 RB_Offset 49_Earphone

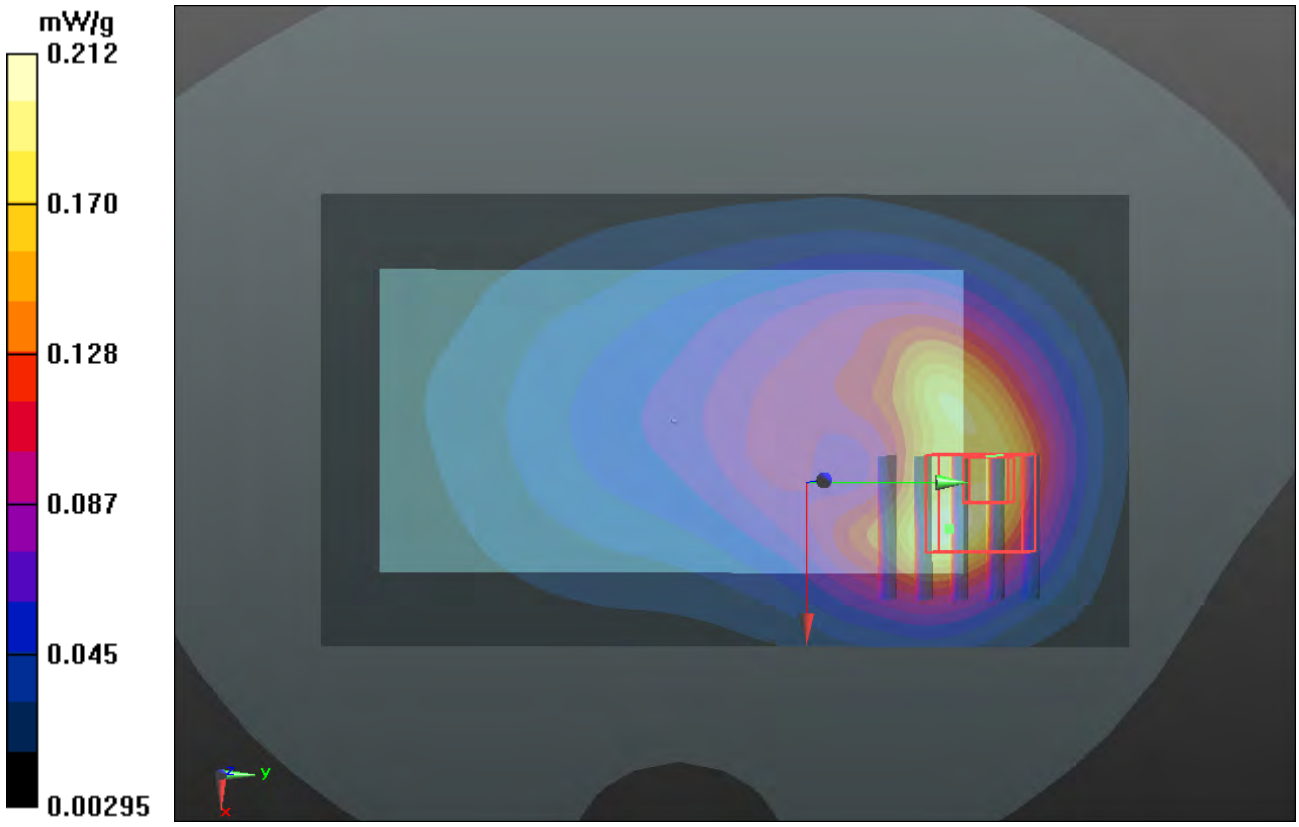
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.212 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.351 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.315 mW/g
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.232 mW/g



P297 LTE13_QPSK_10M_Rear Face_1cm_Ch23230_1 RB_Offset 49_Earphone

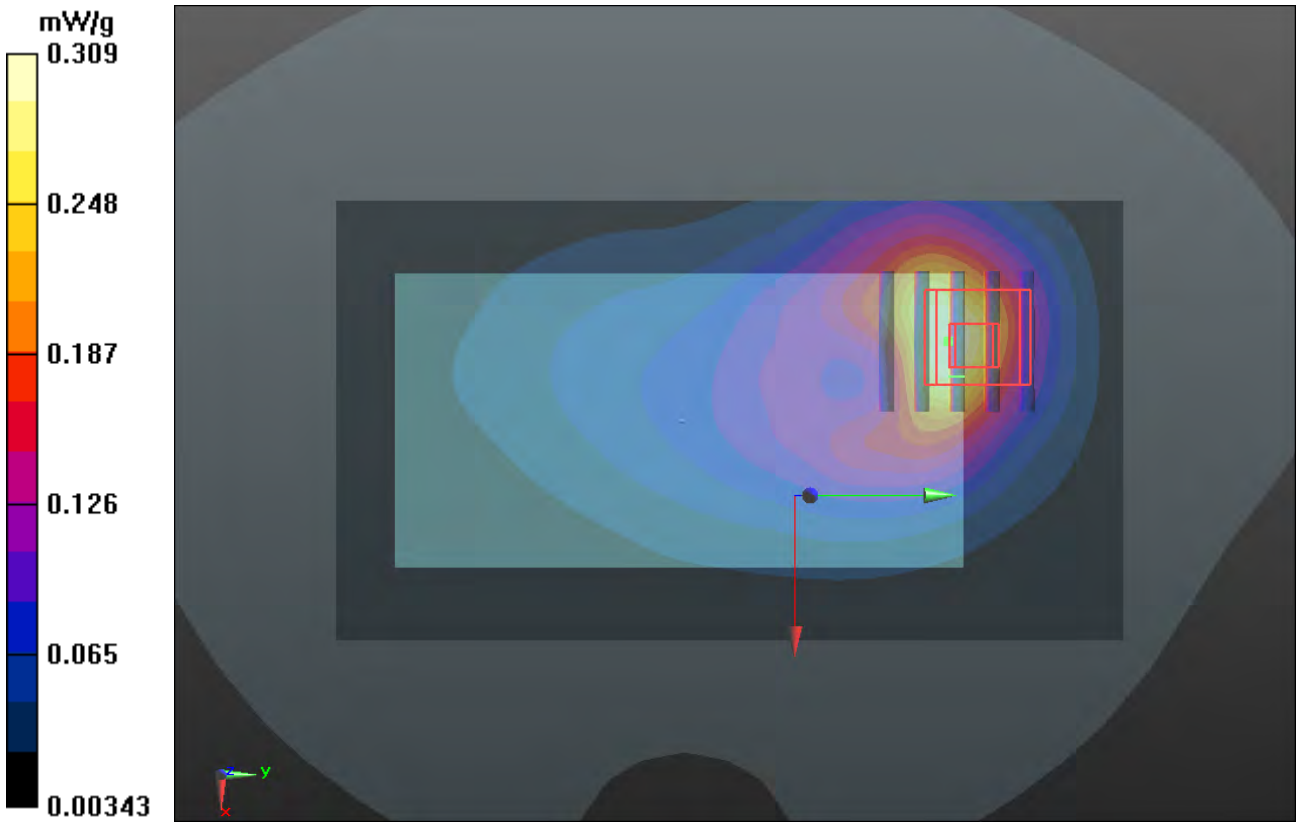
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.309 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.856 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.386 mW/g
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.289 mW/g



P411 LTE 13_16QAM_10M_Front Face_1cm_Ch23230_1RB_offset 0_Earphone

DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_1022 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.24, 9.24, 9.24); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.226 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.78 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.217 mW/g

P298 LTE13_16QAM_10M_Rear Face_1cm_Ch23230_25 RB_Offset 12_Earphone

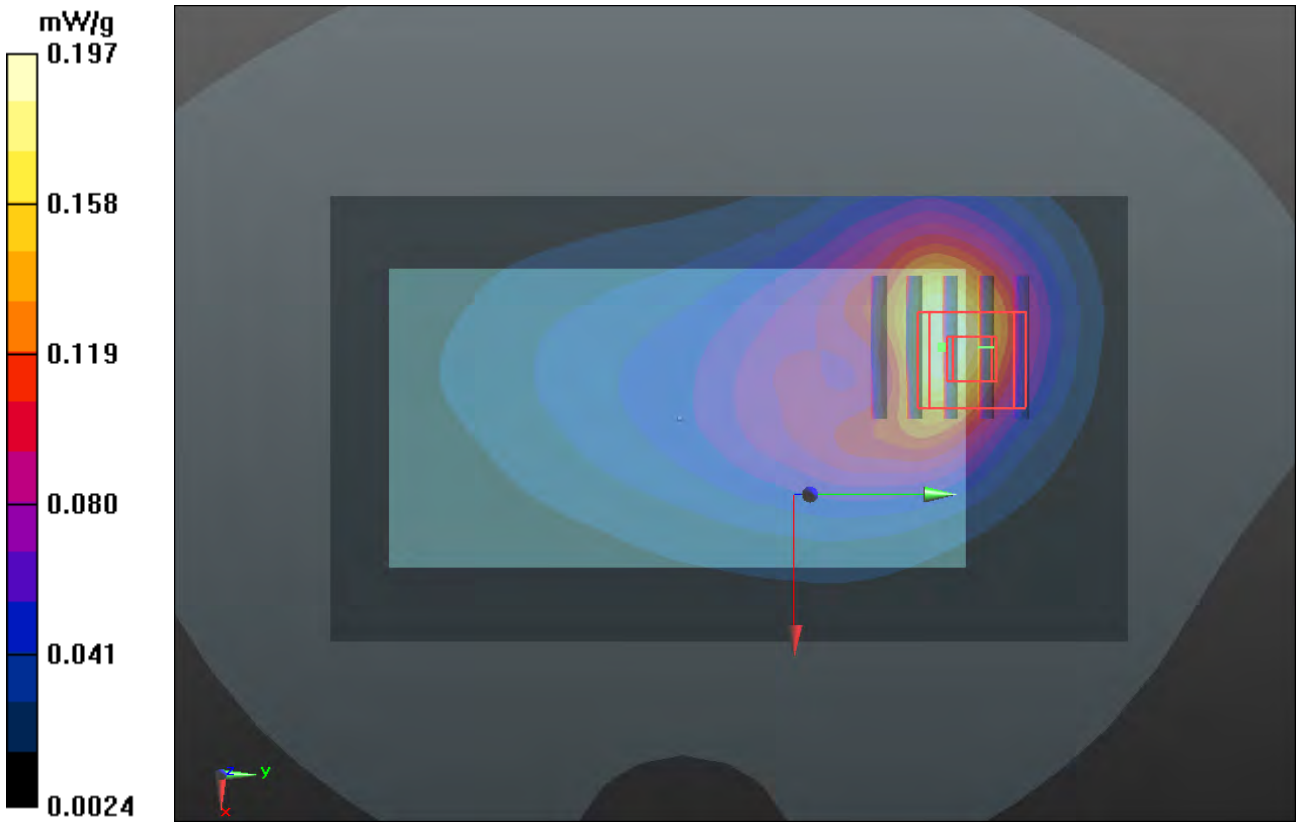
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.197 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.263 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.246 mW/g
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.185 mW/g



P299 LTE13_16QAM_10M_Rear Face_1cm_Ch23230_1 RB_Offset 0_Earphone

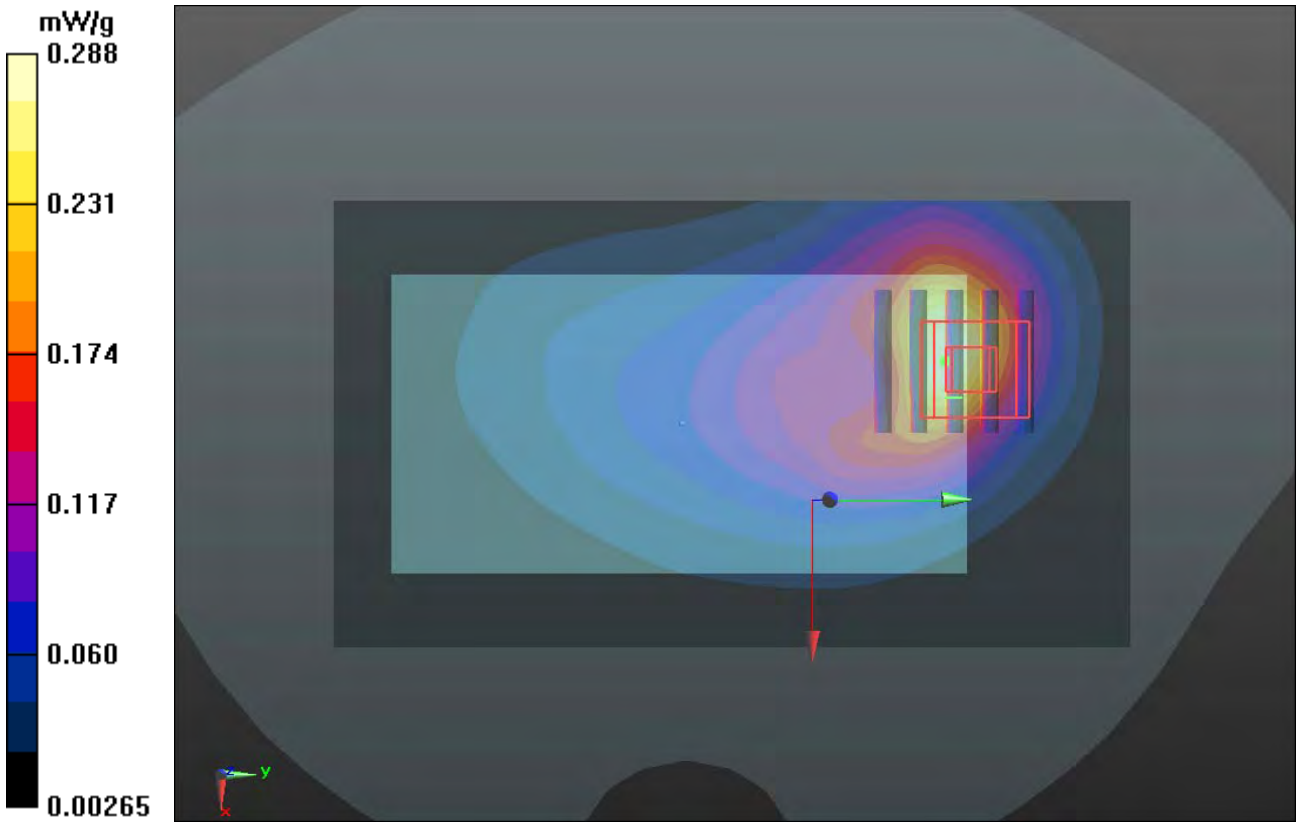
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.896 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.348 mW/g
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.262 mW/g



P300 LTE13_16QAM_10M_Rear Face_1cm_Ch23230_1 RB_Offset 49_Earphone

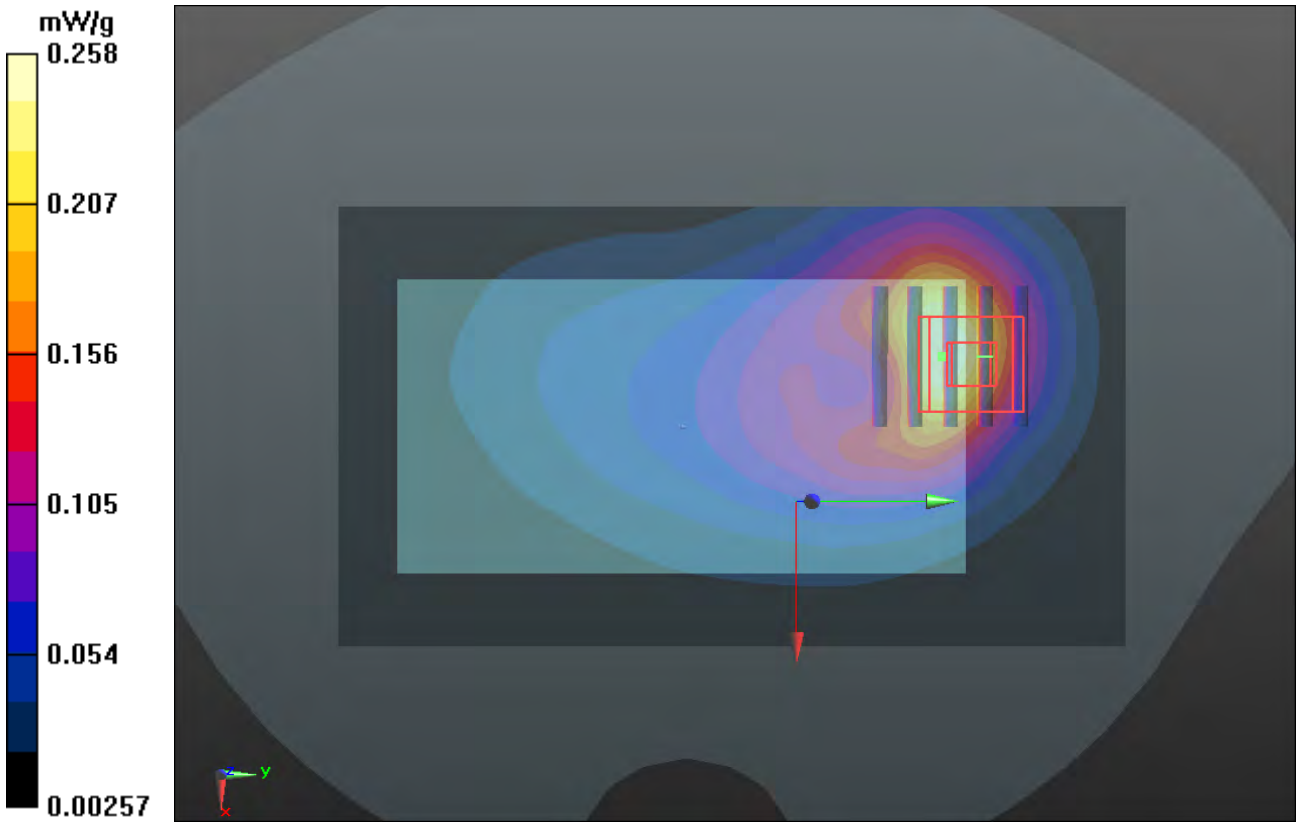
DUT: 120717C01

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: B750_0808 Medium parameters used: f = 782 MHz; σ = 0.994 mho/m; ε_r = 55.204; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(9.21, 9.21, 9.21); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23230/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.258 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.361 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.315 mW/g
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.237 mW/g



P105 802.11b_Front Face_1cm_Ch6

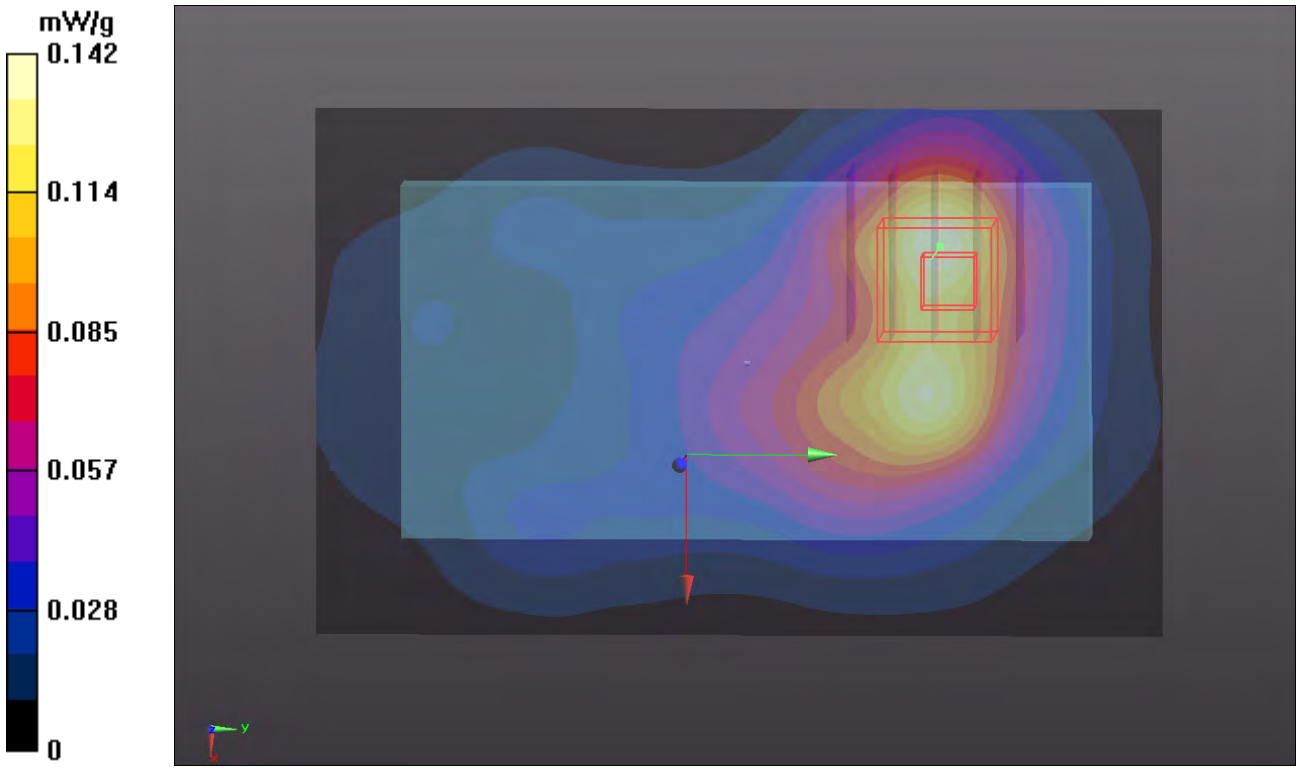
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0802 Medium parameters used: f = 2437 MHz; σ = 2.006 mho/m; ε_r = 53.121; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.142 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.241 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.182 mW/g
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.128 mW/g



P106 802.11b_Rear Face_1cm_Ch6

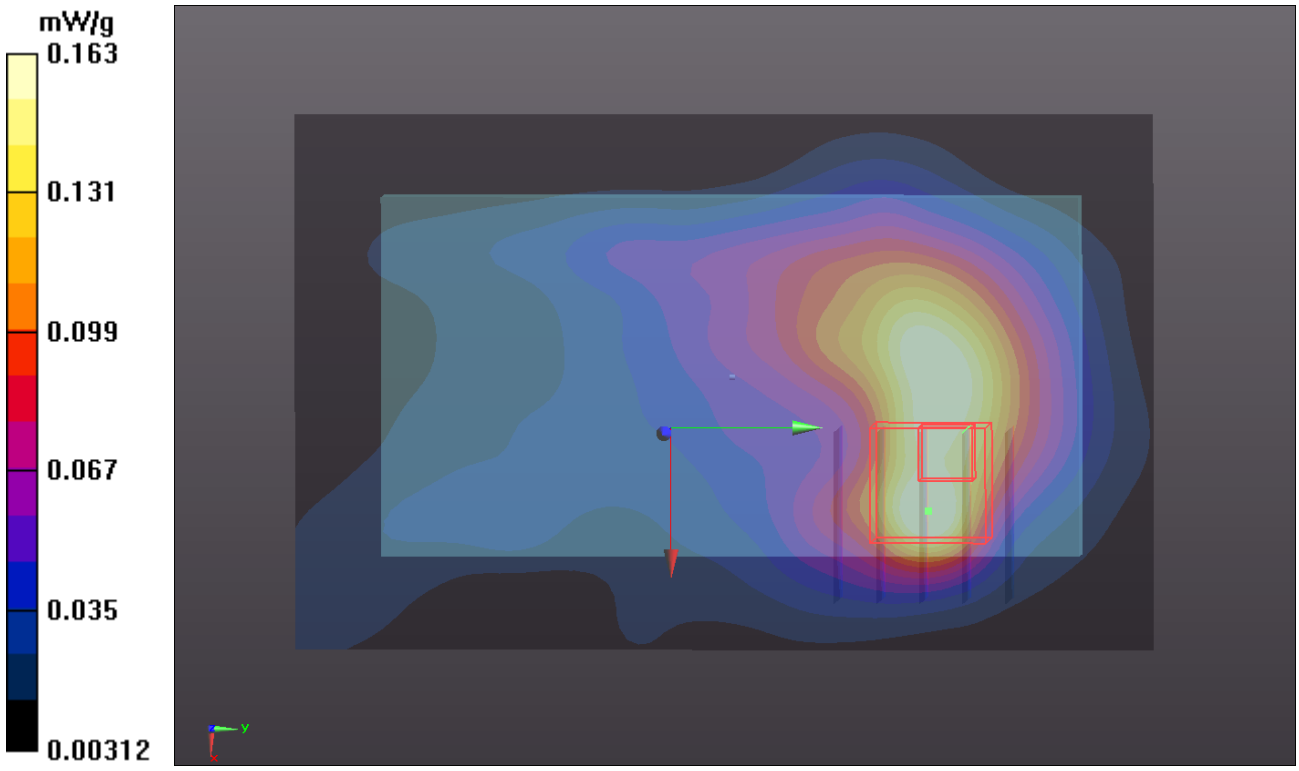
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0802 Medium parameters used: f = 2437 MHz; σ = 2.006 mho/m; ε_r = 53.121; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.178 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.837 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.217 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



P107 802.11b_Left Side_1cm_Ch6

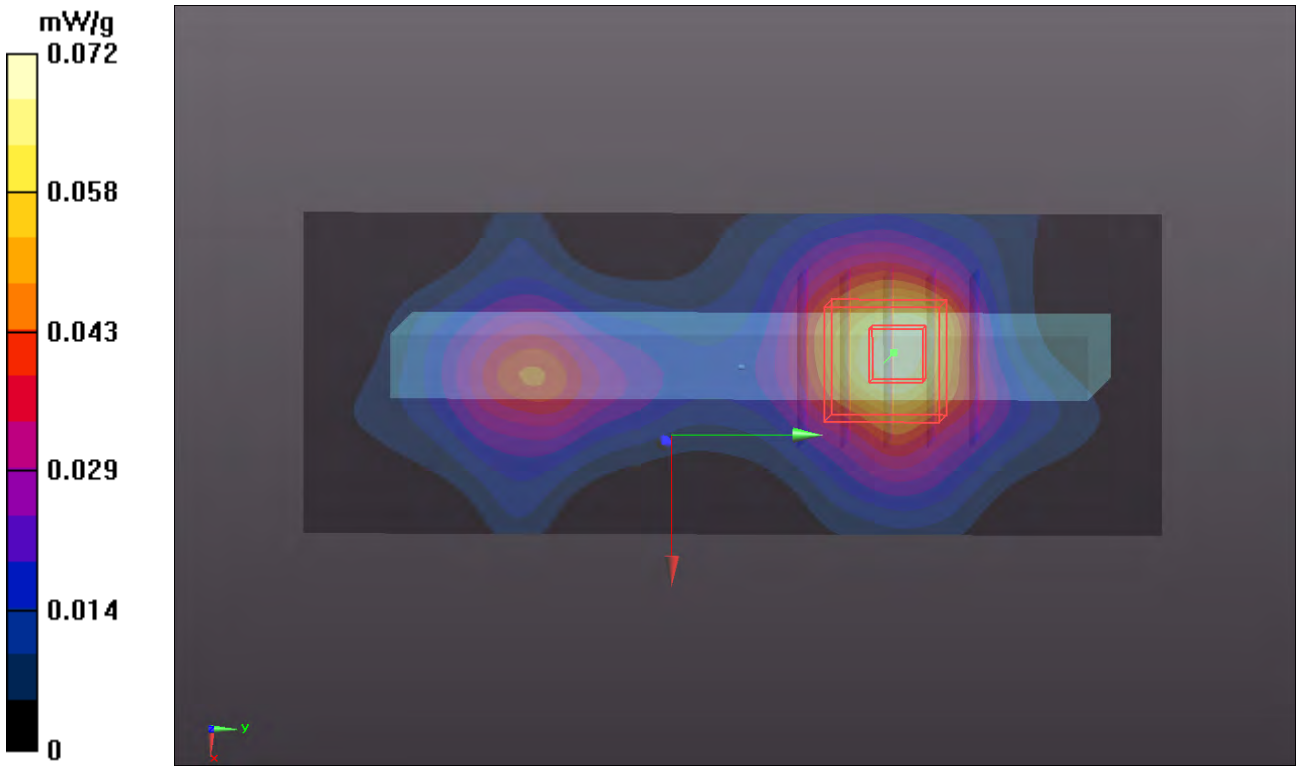
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0802 Medium parameters used: f = 2437 MHz; σ = 2.006 mho/m; ε_r = 53.121; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0719 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.802 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.091 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.0658 mW/g



P108 802.11b_Top Side_1cm_Ch6

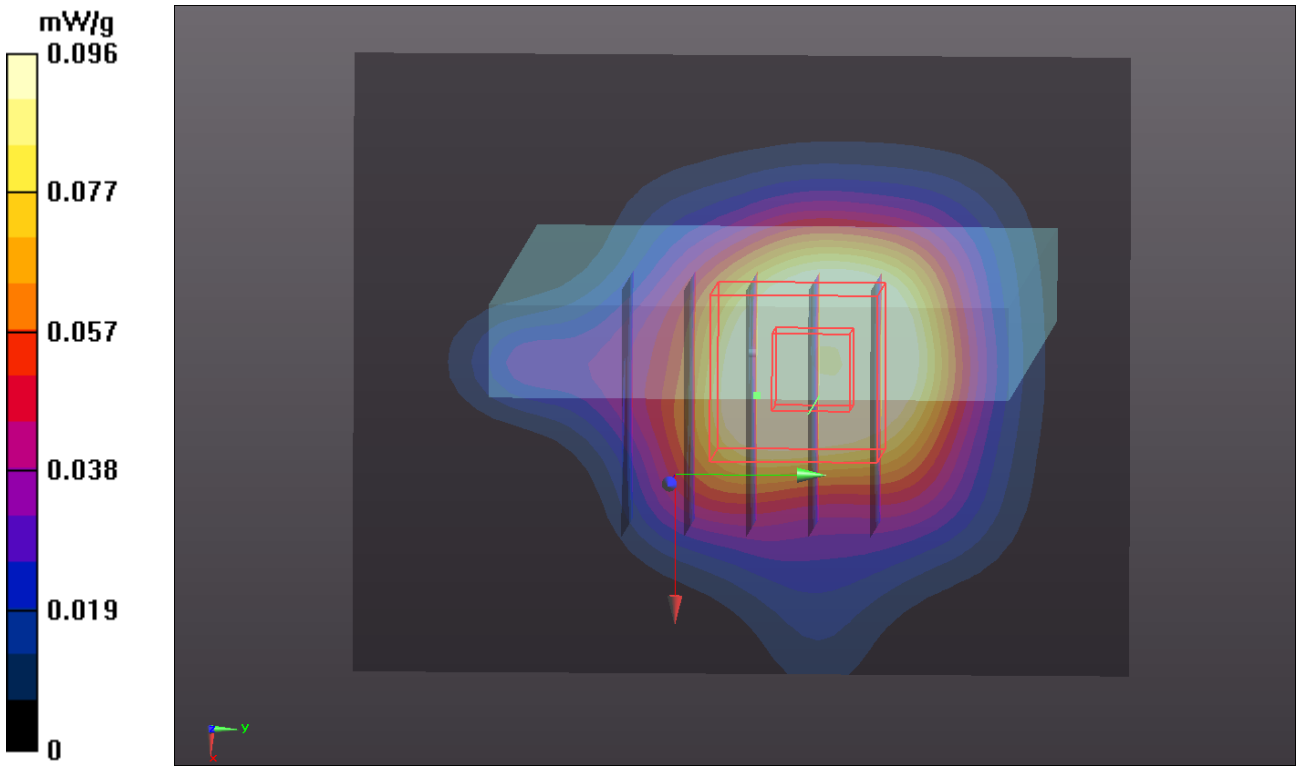
DUT: 120717C01

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0802 Medium parameters used: f = 2437 MHz; σ = 2.006 mho/m; ε_r = 53.121; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.106 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.302 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.132 mW/g
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.0958 mW/g



P109 802.11b_Front Face_1cm_Ch6_Earphone

DUT: 120717C01

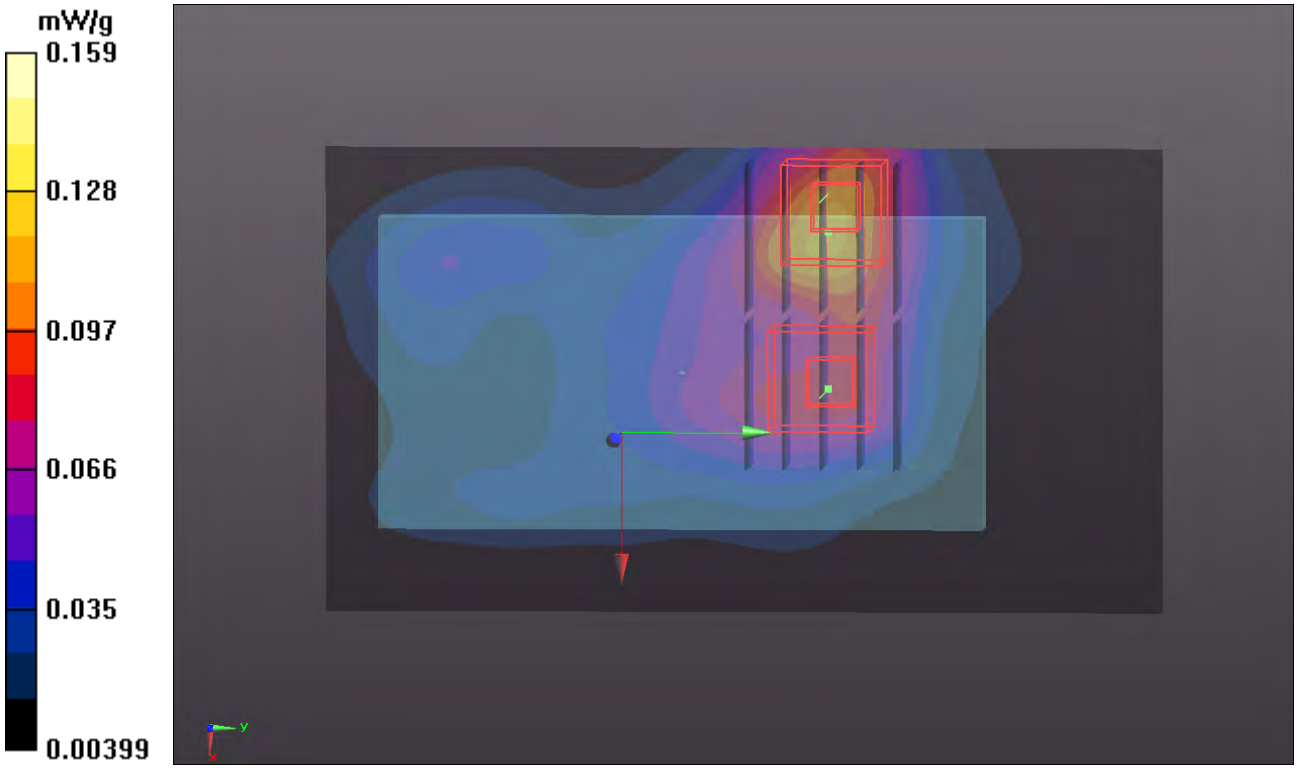
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0802 Medium parameters used: f = 2437 MHz; σ = 2.006 mho/m; ε_r = 53.121; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.123 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.140 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.241 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.159 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.140 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.109 mW/g
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.0810 mW/g



P110 802.11b_Rear Face_1cm_Ch6_Earphone

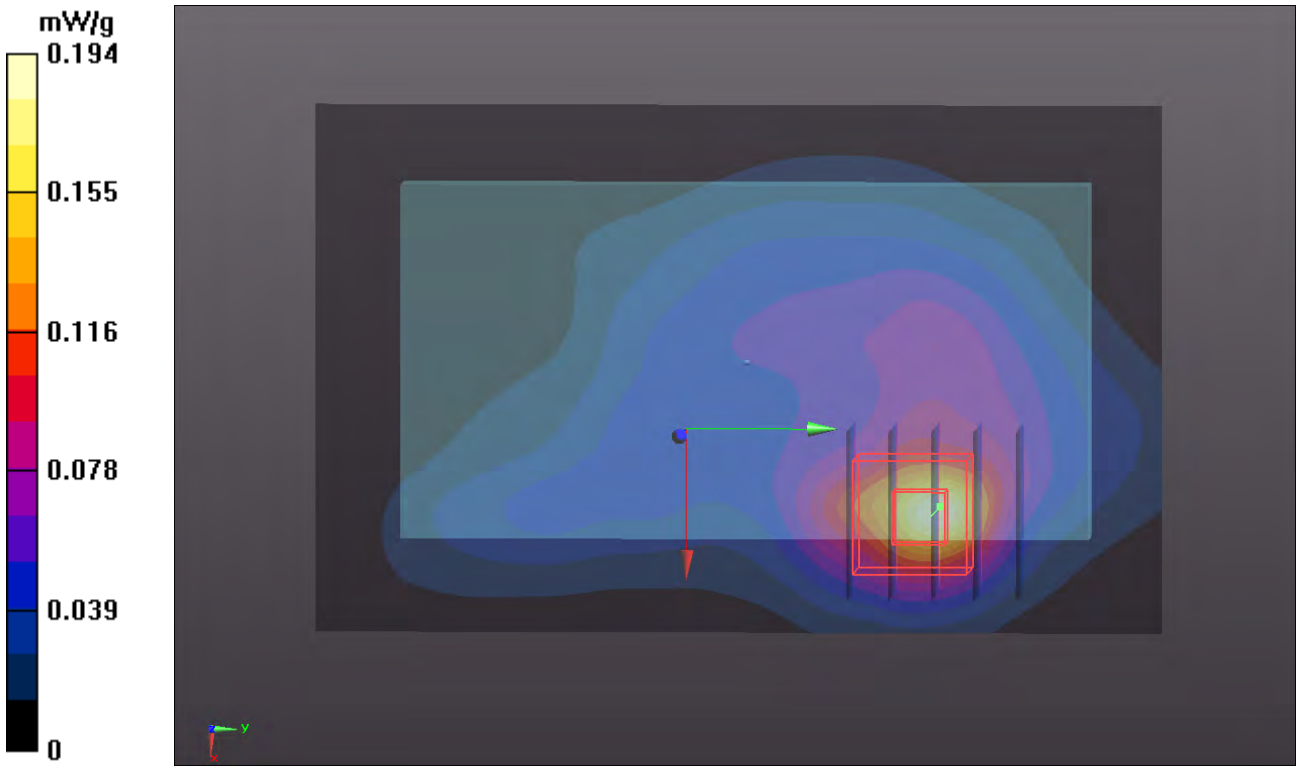
DUT: 120717C01

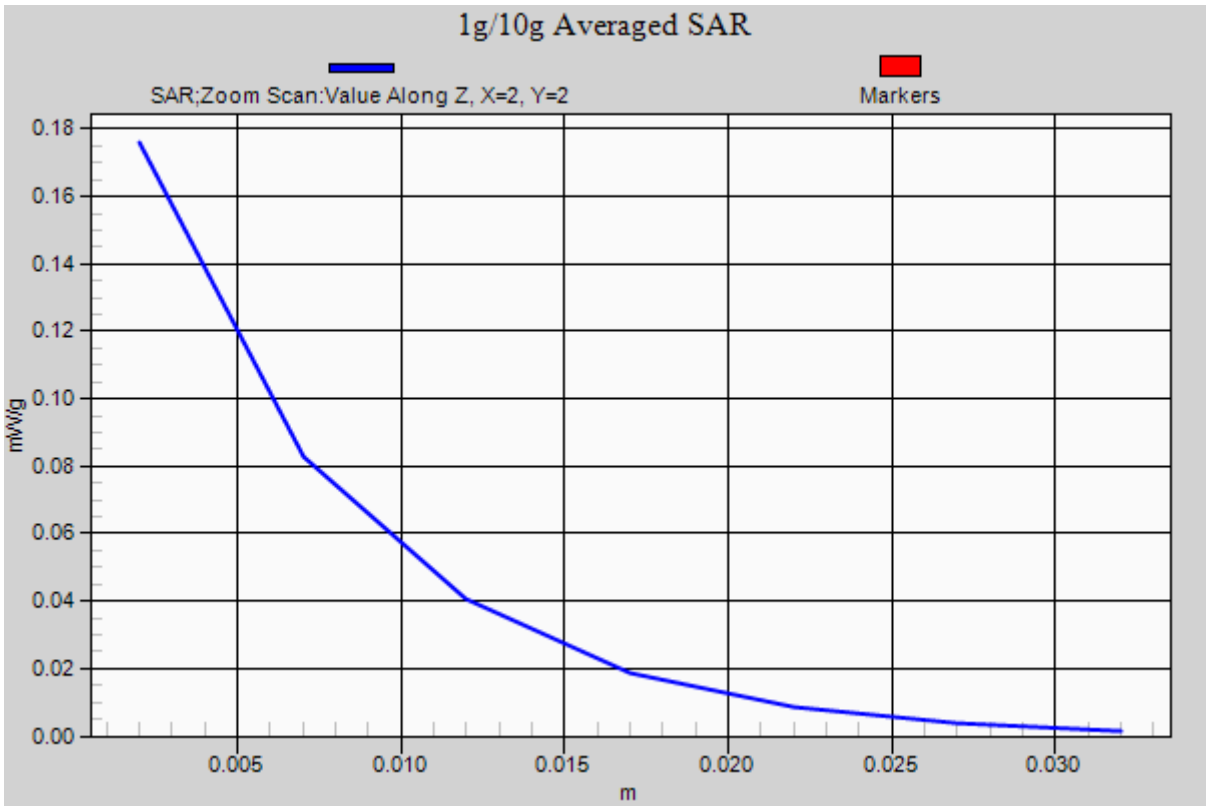
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_0802 Medium parameters used: f = 2437 MHz; σ = 2.006 mho/m; ε_r = 53.121; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.194 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.831 V/m; Power Drift = 0.149 dB
Peak SAR (extrapolated) = 0.258 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.176 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
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

P127 802.11n HT20_Front Face_1cm_Ch48

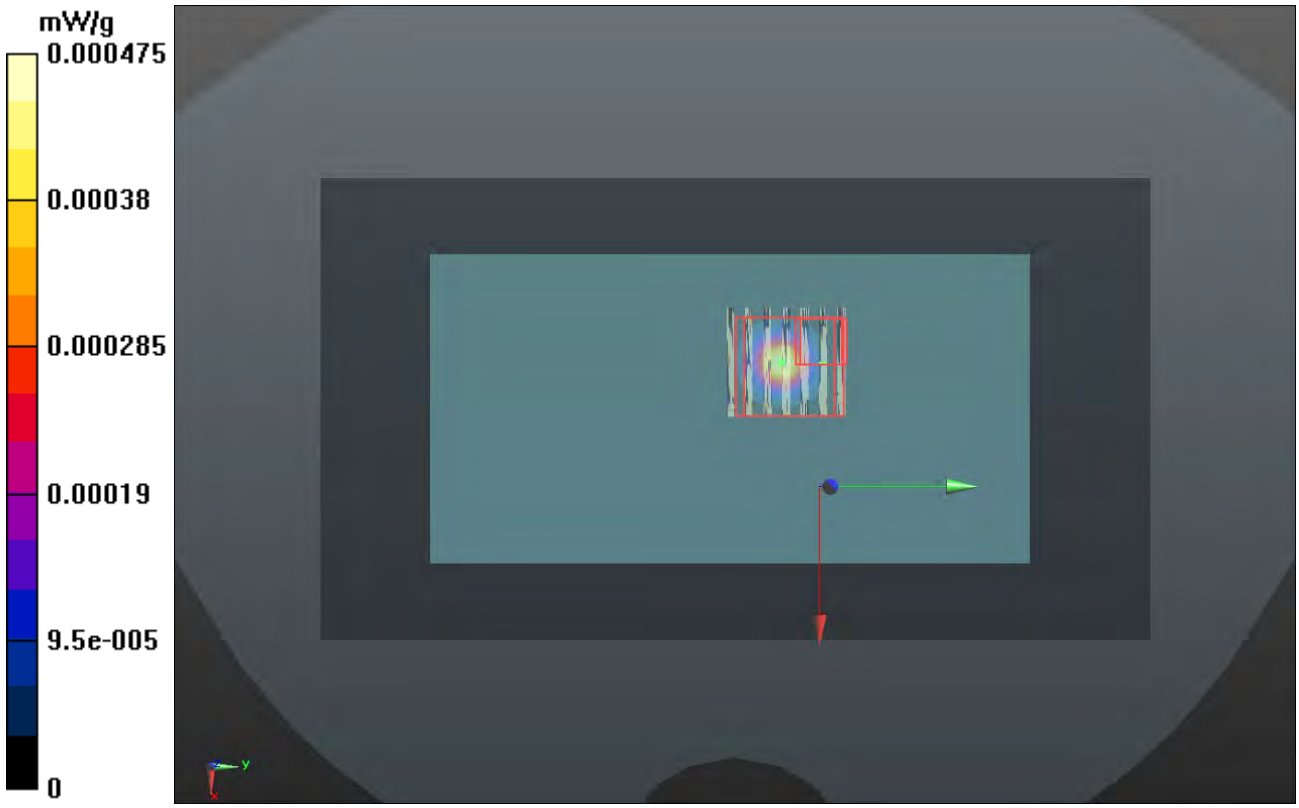
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5240 MHz; σ = 5.359 mho/m; ε_r = 48.851; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.000475 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.751 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.018 mW/g
SAR(1 g) = 8.51e-005 mW/g; SAR(10 g) = 8.96e-006 mW/g
Maximum value of SAR (measured) = 0.0363 mW/g



P128 802.11n HT20_Rear Face_1cm_Ch48

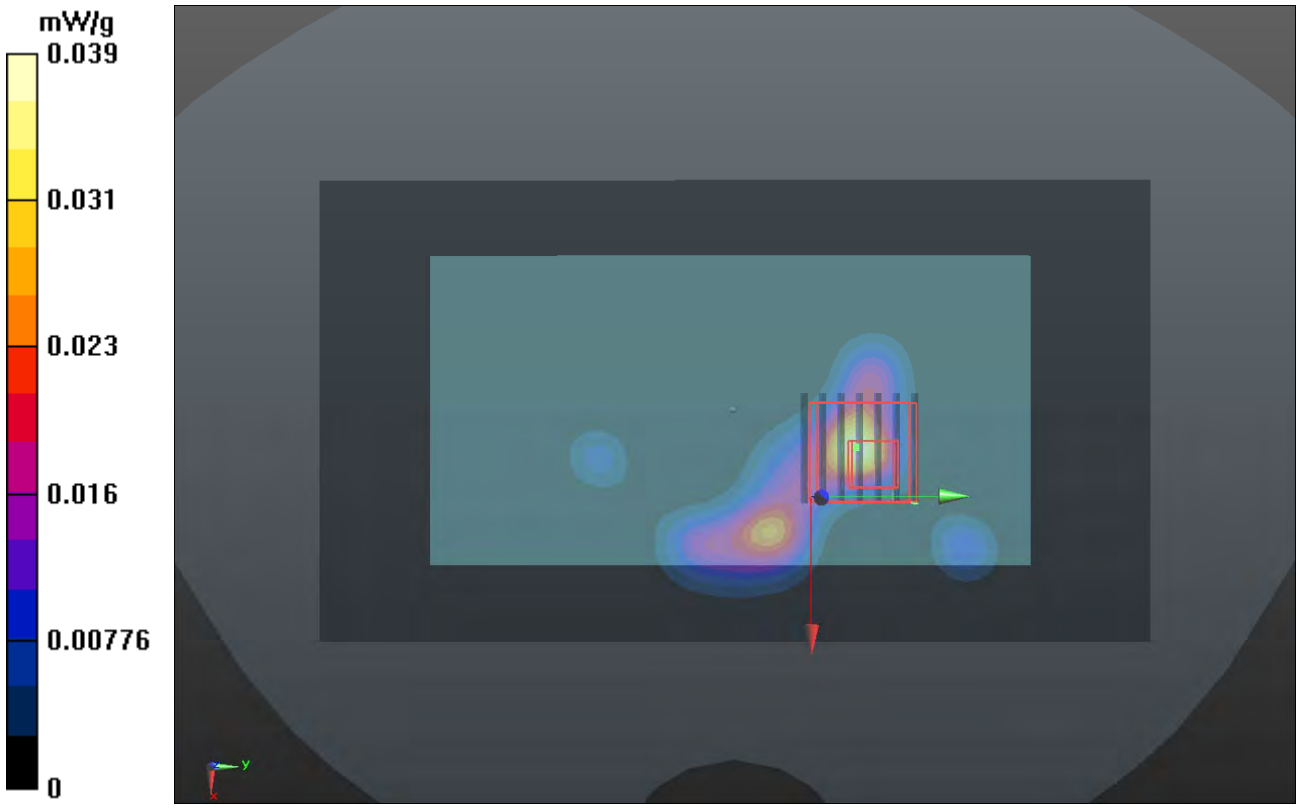
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5240 MHz; σ = 5.359 mho/m; ε_r = 48.851; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0388 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.415 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.057 mW/g
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00507 mW/g
Maximum value of SAR (measured) = 0.0435 mW/g



P347 802.11a_Front Face_1cm_Ch48

DUT: 120717C01

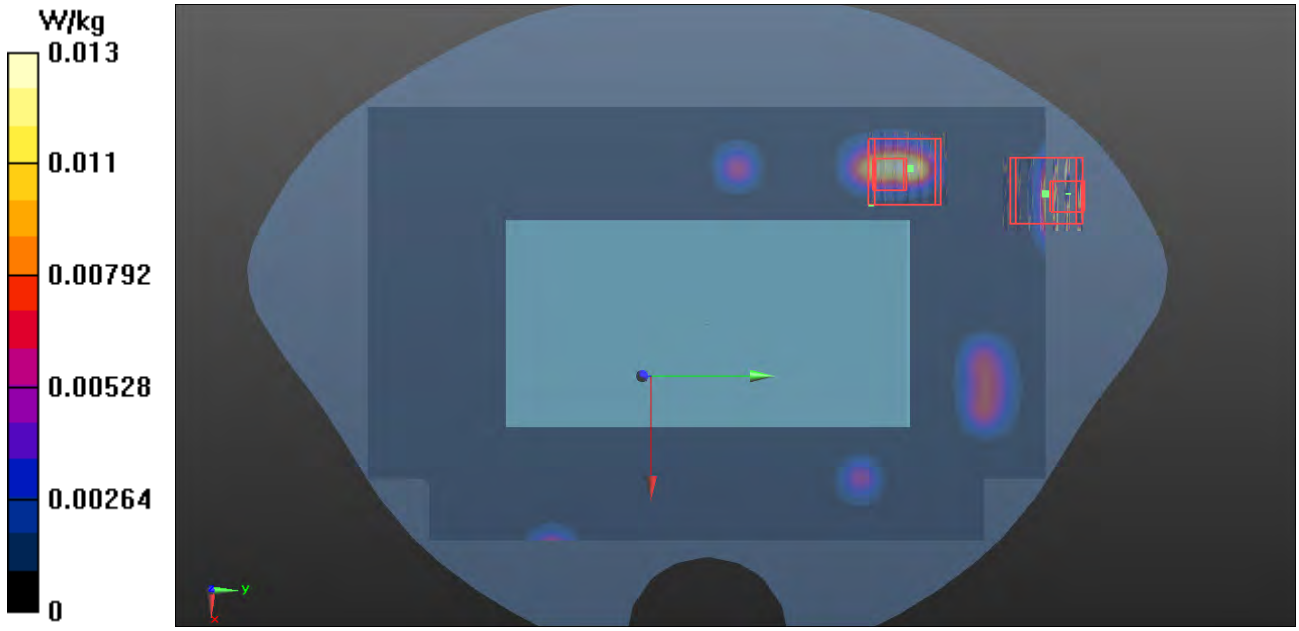
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_1023 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0132 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.561 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.023 mW/g
SAR(1 g) = 0.00107 mW/g; SAR(10 g) = 0.000174 mW/g
Maximum value of SAR (measured) = 0.00967 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.561 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.052 mW/g
SAR(1 g) = 0.000532 mW/g; SAR(10 g) = 6.55e-005 mW/g
Maximum value of SAR (measured) = 0.0899 W/kg



P312 802.11a_Rear Face_1cm_Ch48

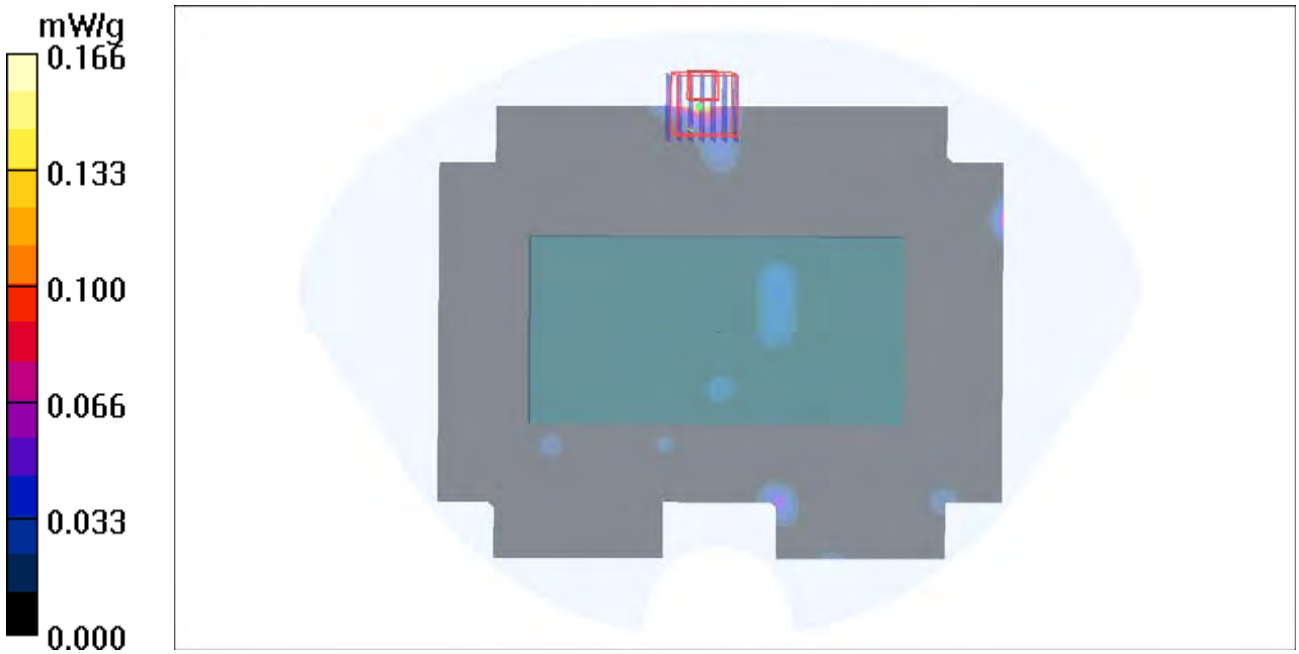
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0926 Medium parameters used: f = 5240 MHz; σ = 5.36 mho/m; ε_r = 48.9; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.37 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.00408 mW/g; SAR(10 g) = 0.00135 mW/g
Maximum value of SAR (measured) = 0.158 mW/g



P348 802.11a_Left Side_1cm_Ch48

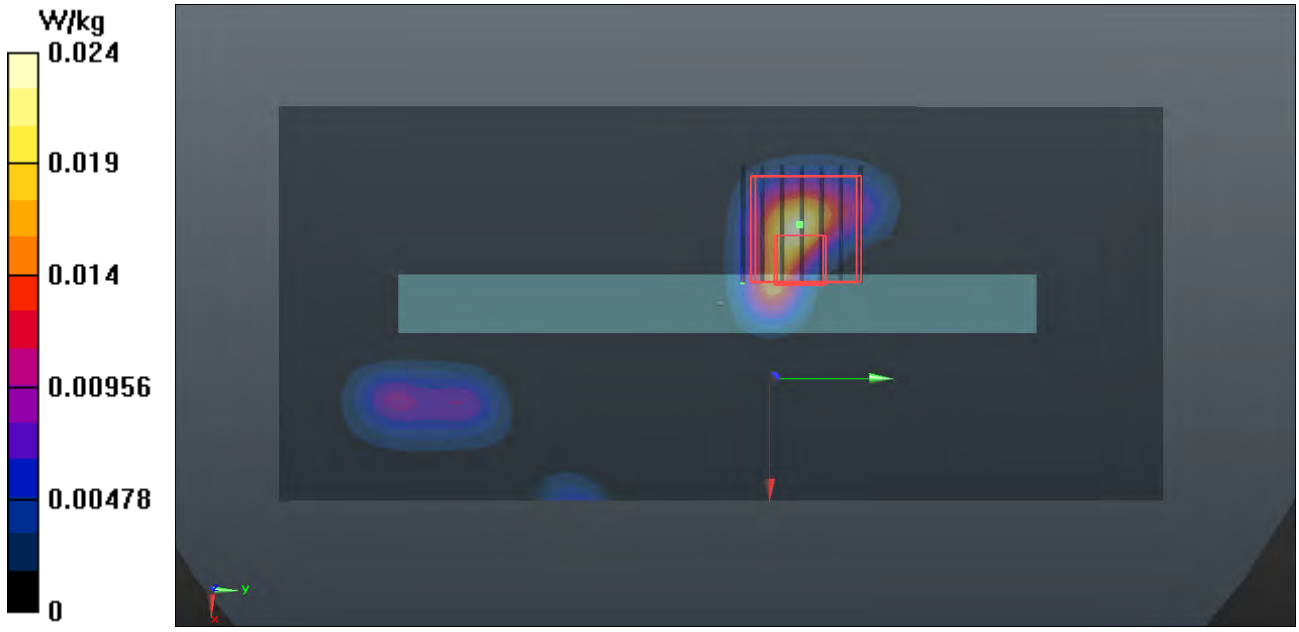
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_1023 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (81x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0239 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.120 V/m; Power Drift = -0.10dB
Peak SAR (extrapolated) = 0.045 mW/g
SAR(1 g) = 0.00178 mW/g; SAR(10 g) = 0.000424 mW/g
Maximum value of SAR (measured) = 0.0184 W/kg



P349 802.11a_Top Side_1cm_Ch48

DUT: 120717C01

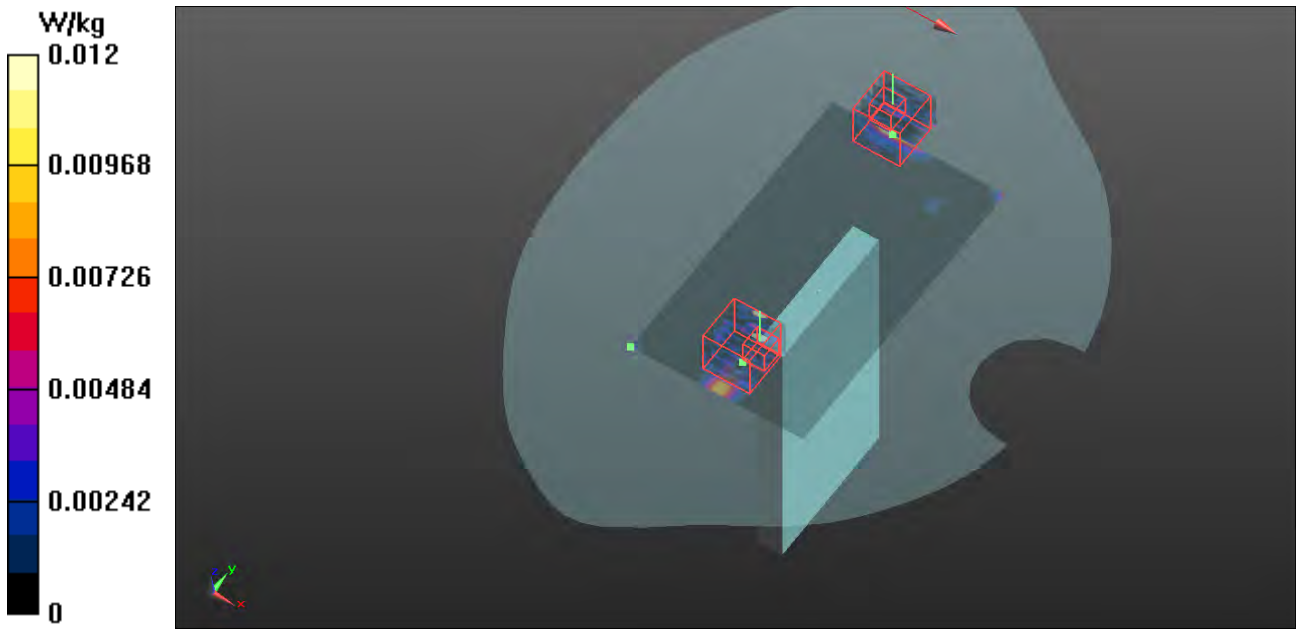
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_1023 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0121 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.613 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.028 mW/g
SAR(1 g) = 0.000782 mW/g; SAR(10 g) = 6.98e-005 mW/g
Maximum value of SAR (measured) = 0.00991 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.613 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.094 mW/g
SAR(1 g) = 0.000391 mW/g; SAR(10 g) = 6.35e-005 mW/g
Maximum value of SAR (measured) = 0.0939 W/kg



P132 802.11n HT20_Rear Face_1cm_Ch48_Earphone

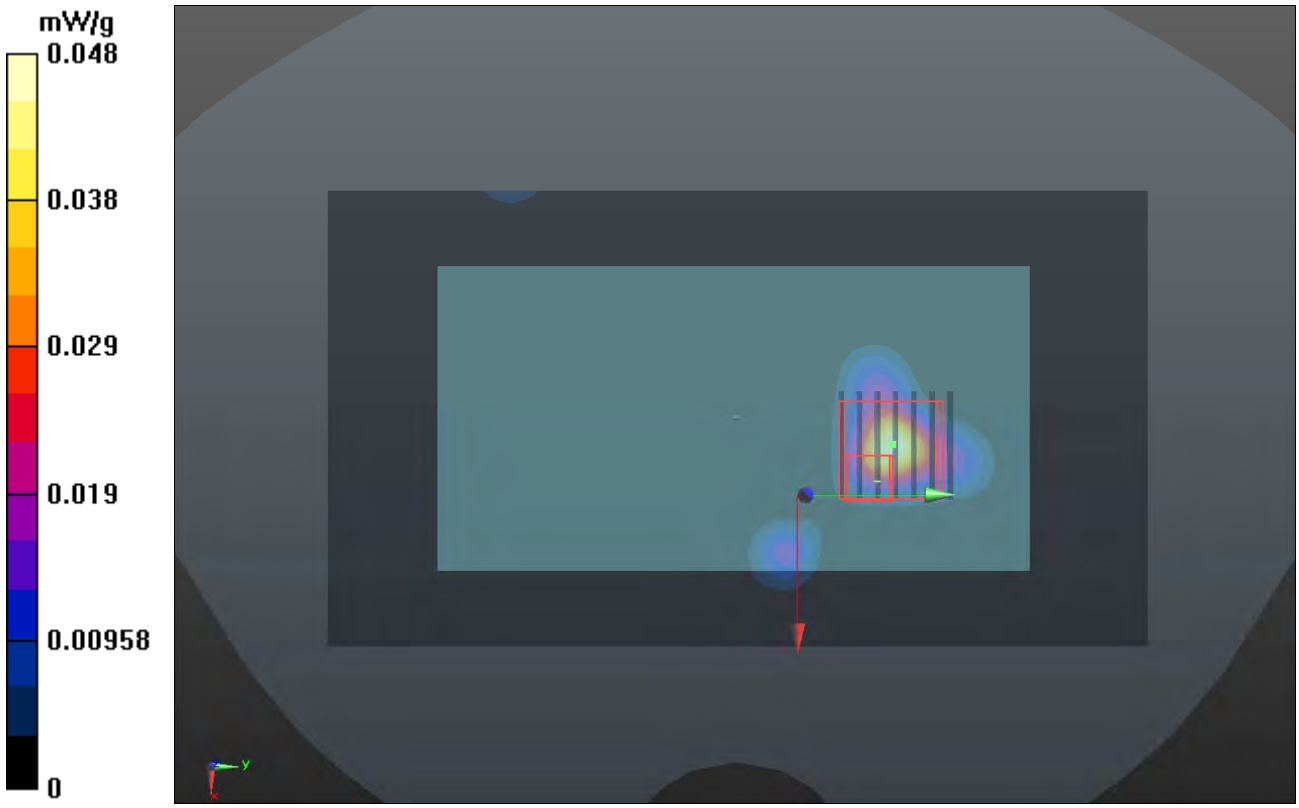
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5240 MHz; σ = 5.359 mho/m; ε_r = 48.851; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0479 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.252 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.077 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00388 mW/g
Maximum value of SAR (measured) = 0.0325 mW/g



P343 802.11a_Front Face_1cm_Ch48_Earphone

DUT: 120717C01

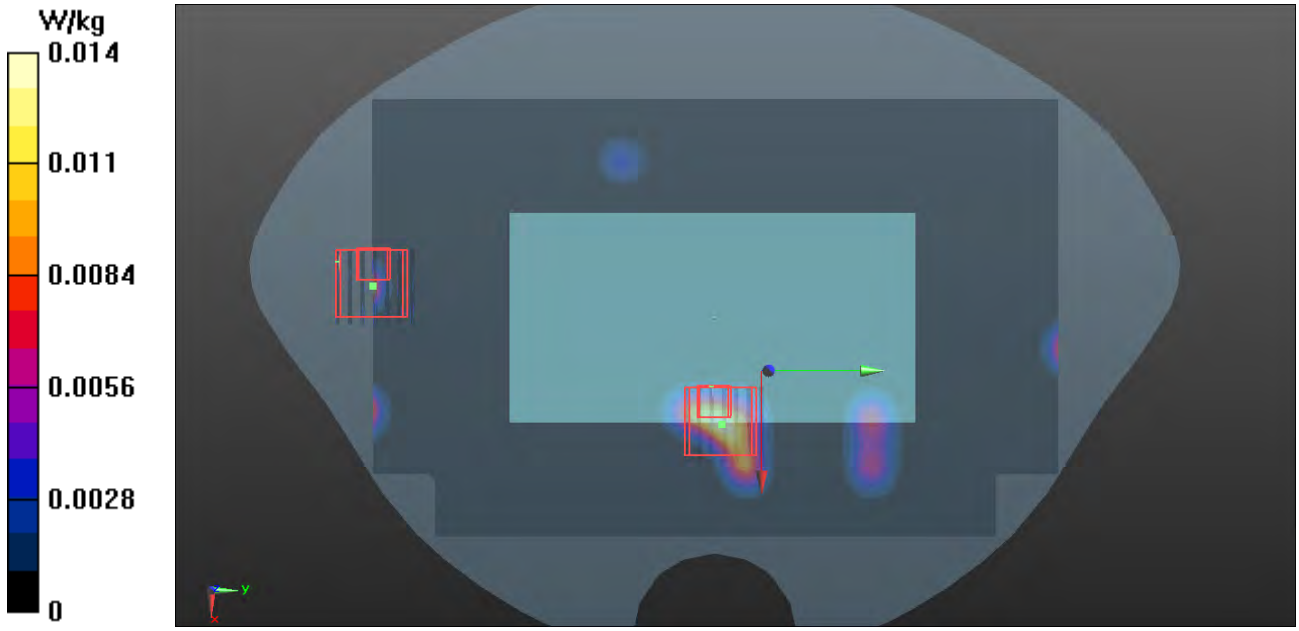
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_1023 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0140 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.195 mW/g
SAR(1 g) = 0.00258 mW/g; SAR(10 g) = 0.000353 mW/g
Maximum value of SAR (measured) = 0.195 W/kg

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.020 mW/g
SAR(1 g) = 0.000209 mW/g; SAR(10 g) = 1.67e-005 mW/g
Maximum value of SAR (measured) = 0.0208 W/kg



P313 802.11a_Rear Face_1cm_Ch48_Earphone

DUT: 120717C01

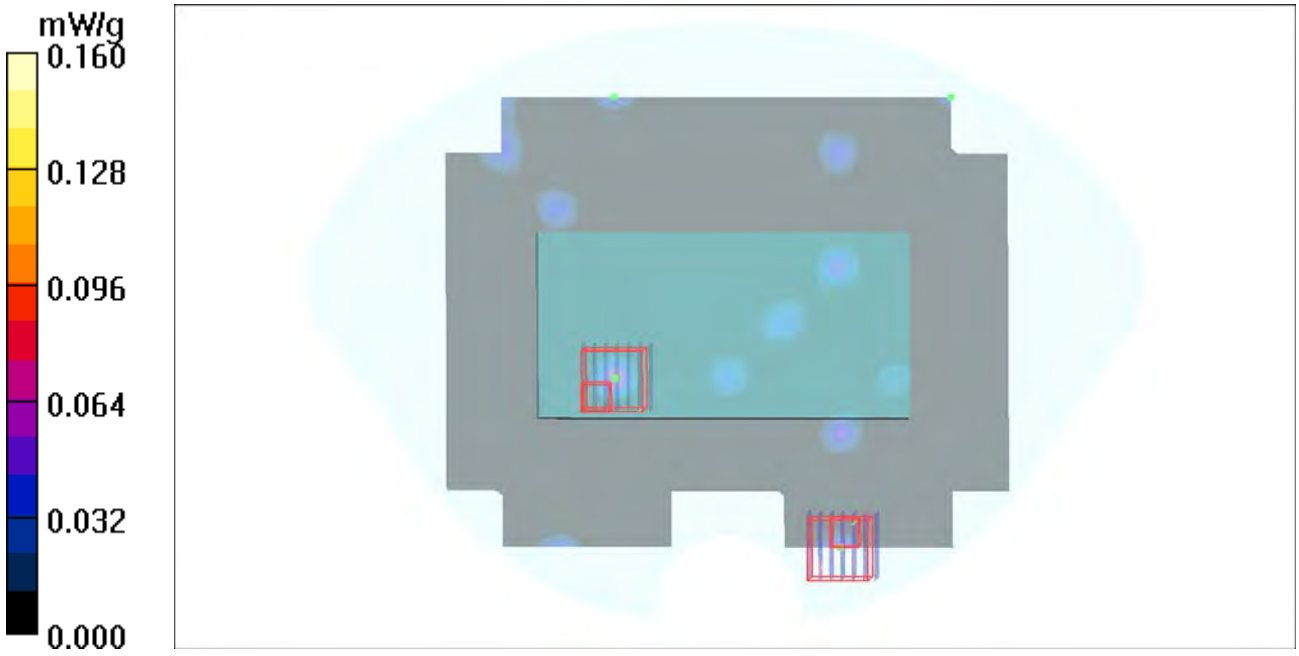
Communication System: WLAN_5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0926 Medium parameters used: f = 5240 MHz; σ = 5.36 mho/m; ε_r = 48.9; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch48/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.091 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.74 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.00548 mW/g; SAR(10 g) = 0.00234 mW/g
Maximum value of SAR (measured) = 0.134 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.74 V/m; Power Drift = -0.192 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.0031 mW/g; SAR(10 g) = 0.000568 mW/g
Maximum value of SAR (measured) = 0.160 mW/g



P138 802.11n HT20_Rear Face_1cm_Ch64_Earphone

DUT: 120717C01

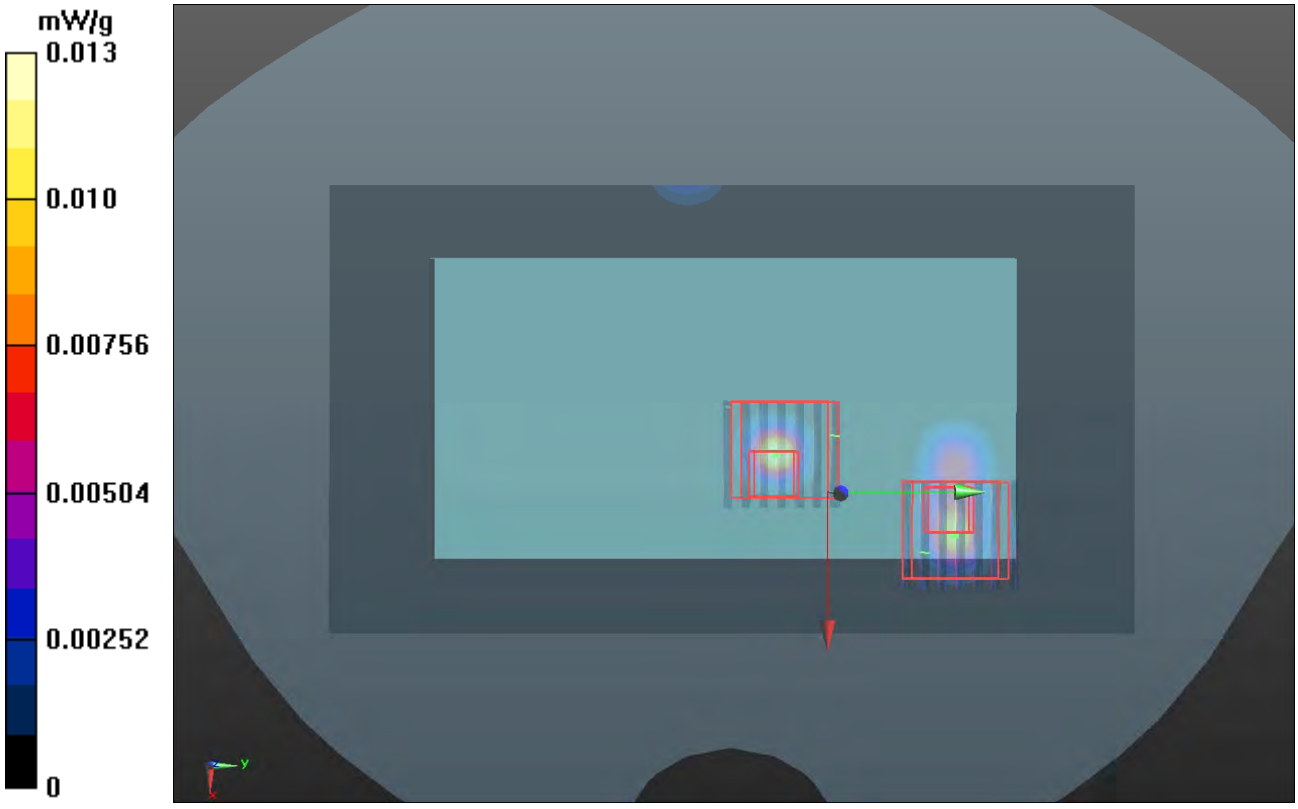
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5320 MHz; σ = 5.438 mho/m; ε_r = 48.649; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch64/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0126 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.951 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.111 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00321 mW/g
Maximum value of SAR (measured) = 0.0280 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.951 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.00776 mW/g; SAR(10 g) = 0.00247 mW/g
Maximum value of SAR (measured) = 0.0171 mW/g



P344 802.11a_Front Face_1cm_Ch64_Earphone

DUT: 120717C01

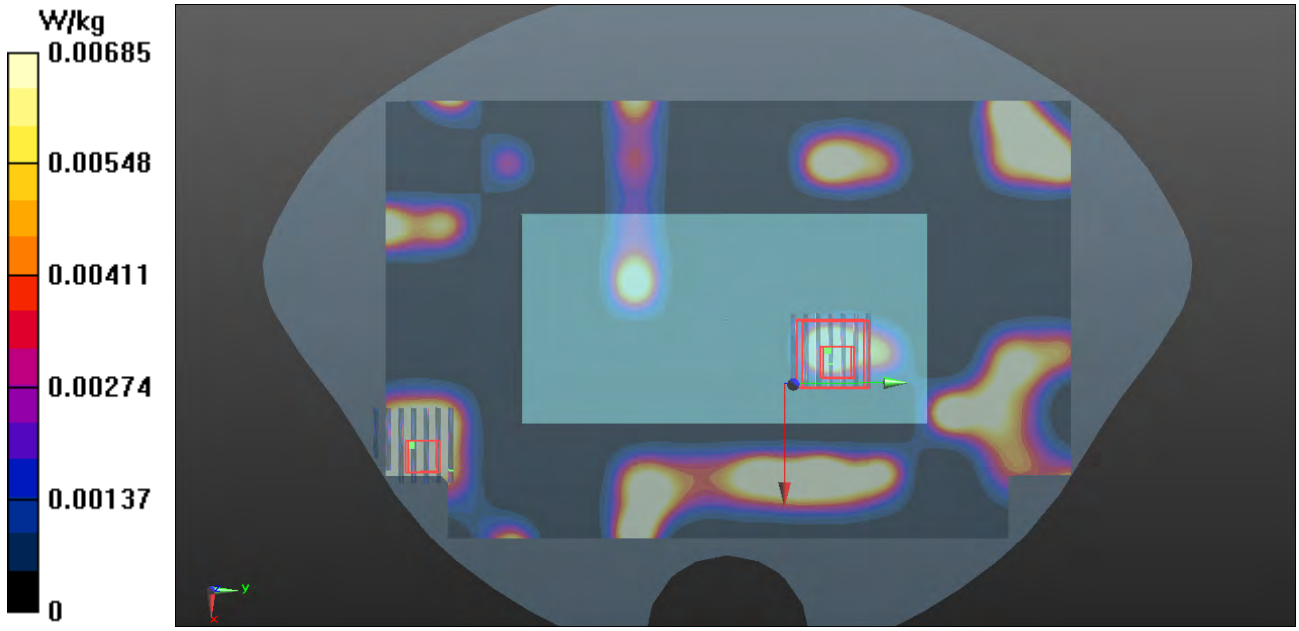
Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_1023 Medium parameters used: f = 5320 MHz; σ = 5.431 mho/m; ε_r = 48.777; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (141x221x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0216 W/kg

Ch64/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.141 mW/g
SAR(1 g) = 0.0011 mW/g; SAR(10 g) = 0.000212 mW/g
Maximum value of SAR (measured) = 0.0250 W/kg

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.00155 mW/g
SAR(1 g) = 4.23e-005 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.00685 W/kg



P314 802.11a_Rear Face_1cm_Ch64_Earphone

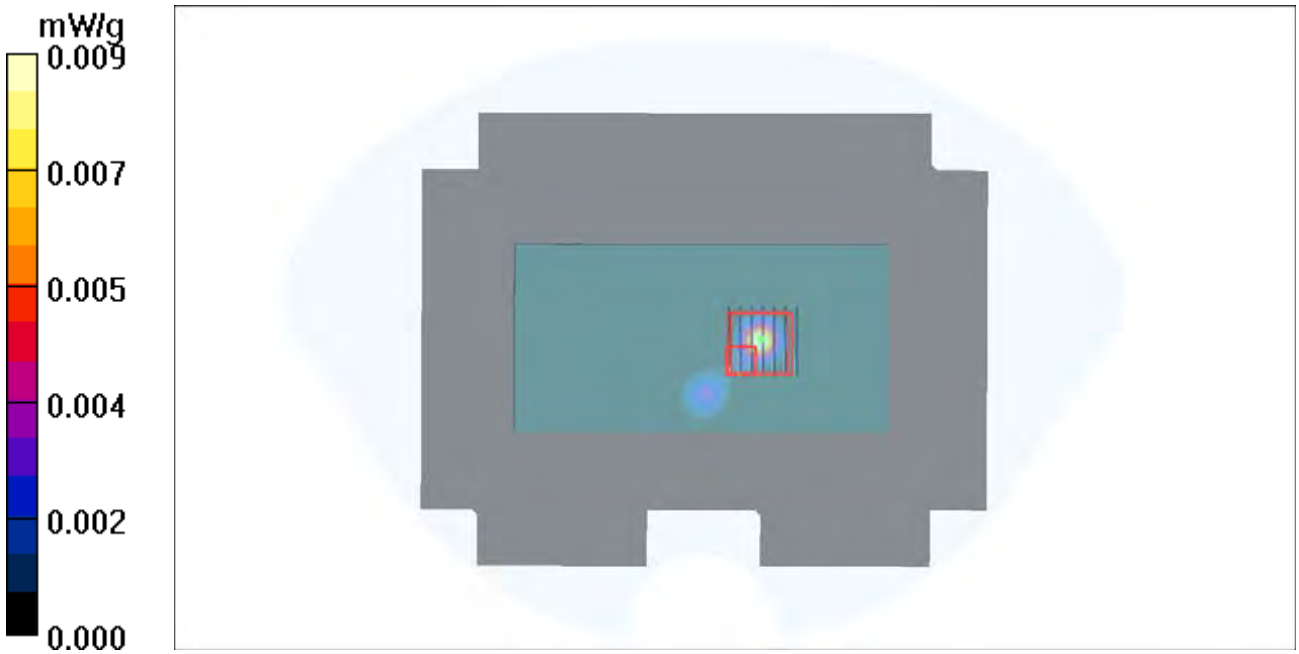
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: B5G_0926 Medium parameters used: f = 5320 MHz; σ = 5.44 mho/m; ε_r = 48.6; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.009 mW/g

Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.00653 mW/g; SAR(10 g) = 0.00026 mW/g
Maximum value of SAR (measured) = 1.81 mW/g



P143 802.11n HT20_Front Face_1cm_Ch116_Earphone

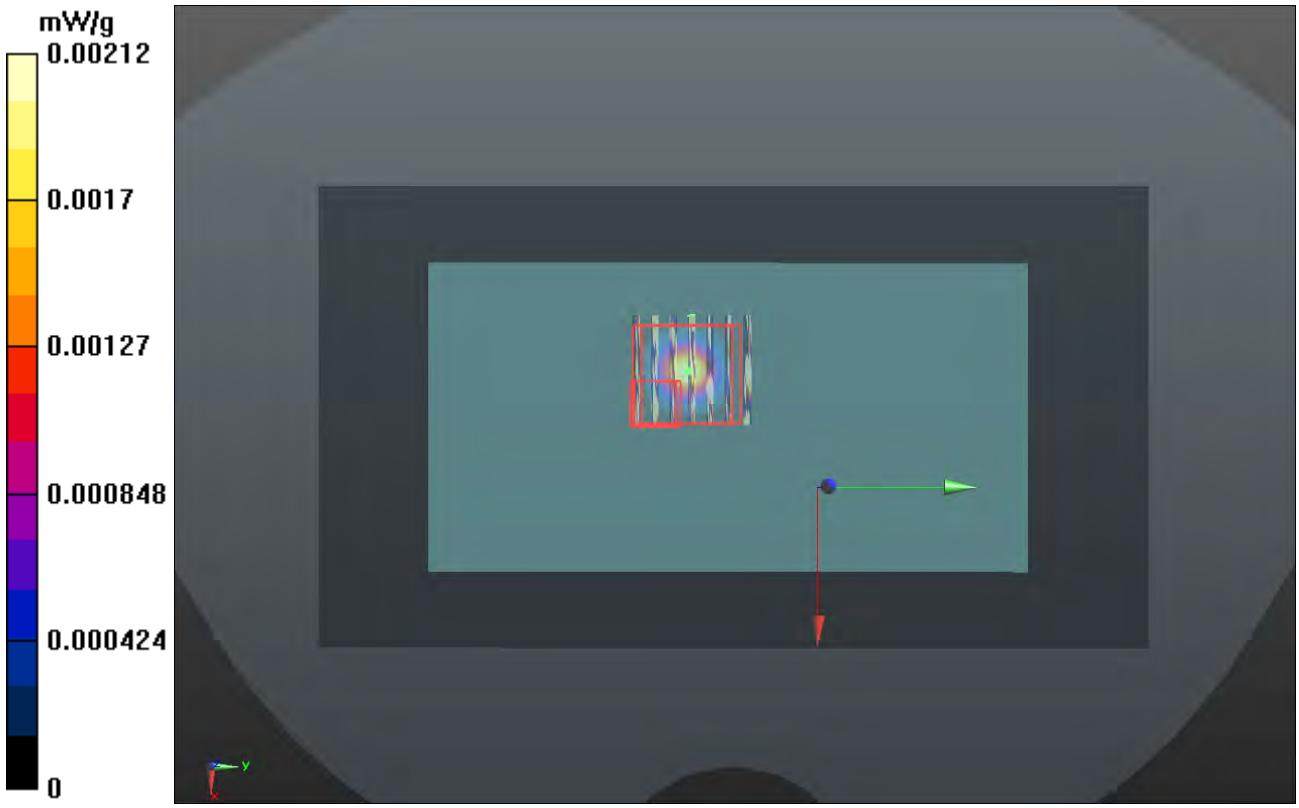
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5580 MHz; σ = 5.827 mho/m; ε_r = 48.11; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00212 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.000729 mW/g
SAR(1 g) = 8.16e-006 mW/g; SAR(10 g) = 5.23e-007 mW/g
Maximum value of SAR (measured) = 0.0114 mW/g



P144 802.11n HT20_Rear Face_1cm_Ch116_Earphone

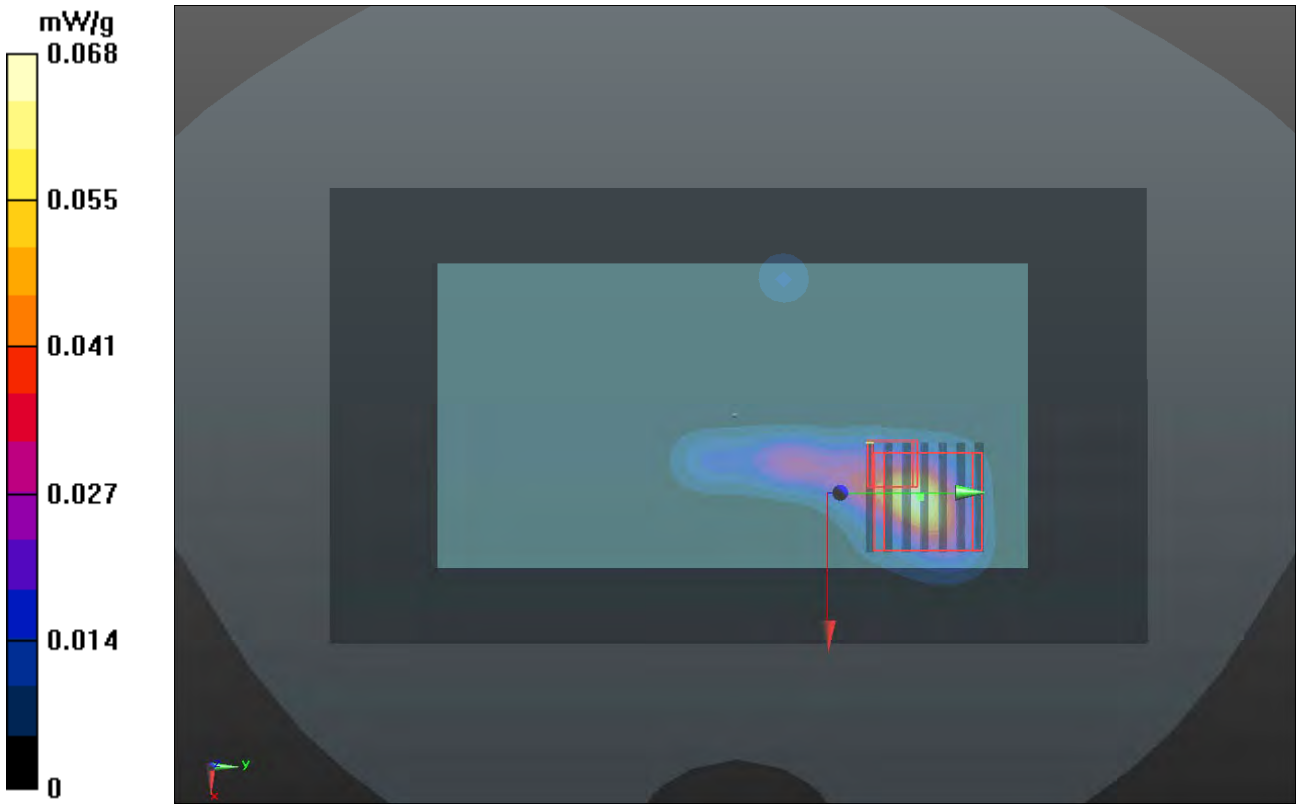
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5580 MHz; σ = 5.827 mho/m; ε_r = 48.11; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0683 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.683 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.132 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00392 mW/g
Maximum value of SAR (measured) = 0.0370 mW/g



P315 802.11a_Rear Face_1cm_Ch116_Earphone

DUT: 120717C01

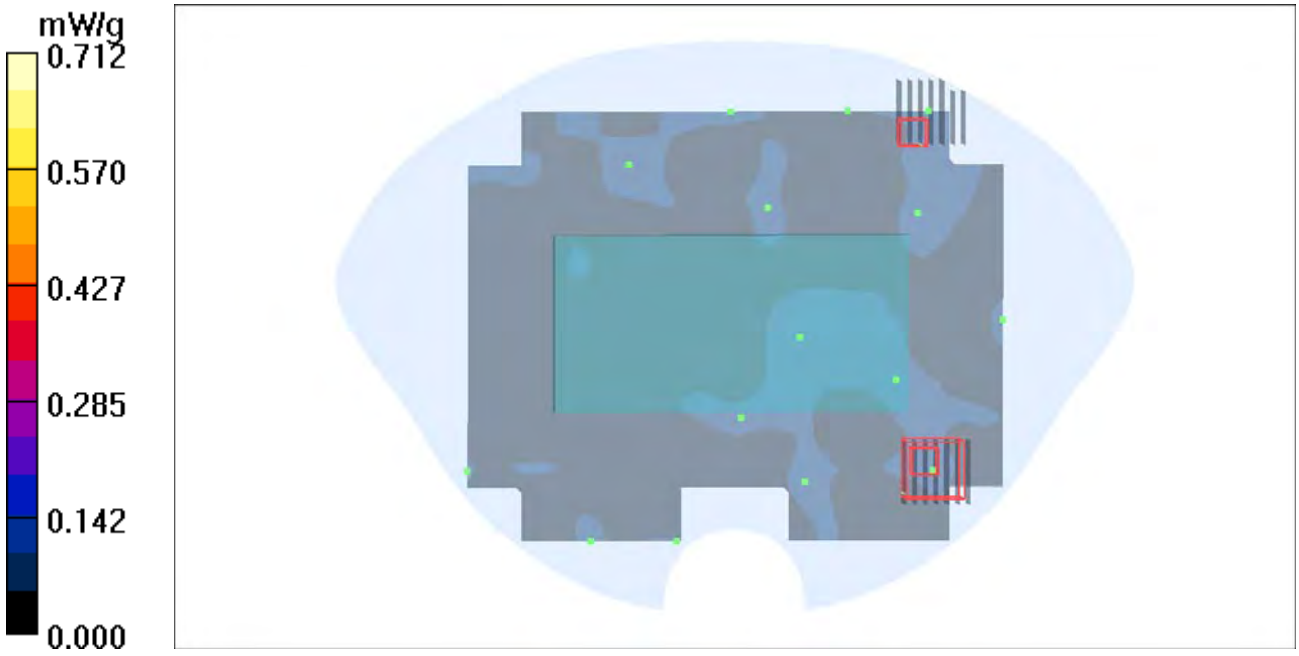
Communication System: WLAN_5G; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: B5G_0926 Medium parameters used: f = 5580 MHz; σ = 5.83 mho/m; ε_r = 48.1; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.085 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.95 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.00835 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.712 mW/g

Ch116/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.95 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.000124 mW/g; SAR(10 g) = 1.25e-005 mW/g
Maximum value of SAR (measured) = 0.030 mW/g



P146 802.11n HT20_Rear Face_1cm_Ch149

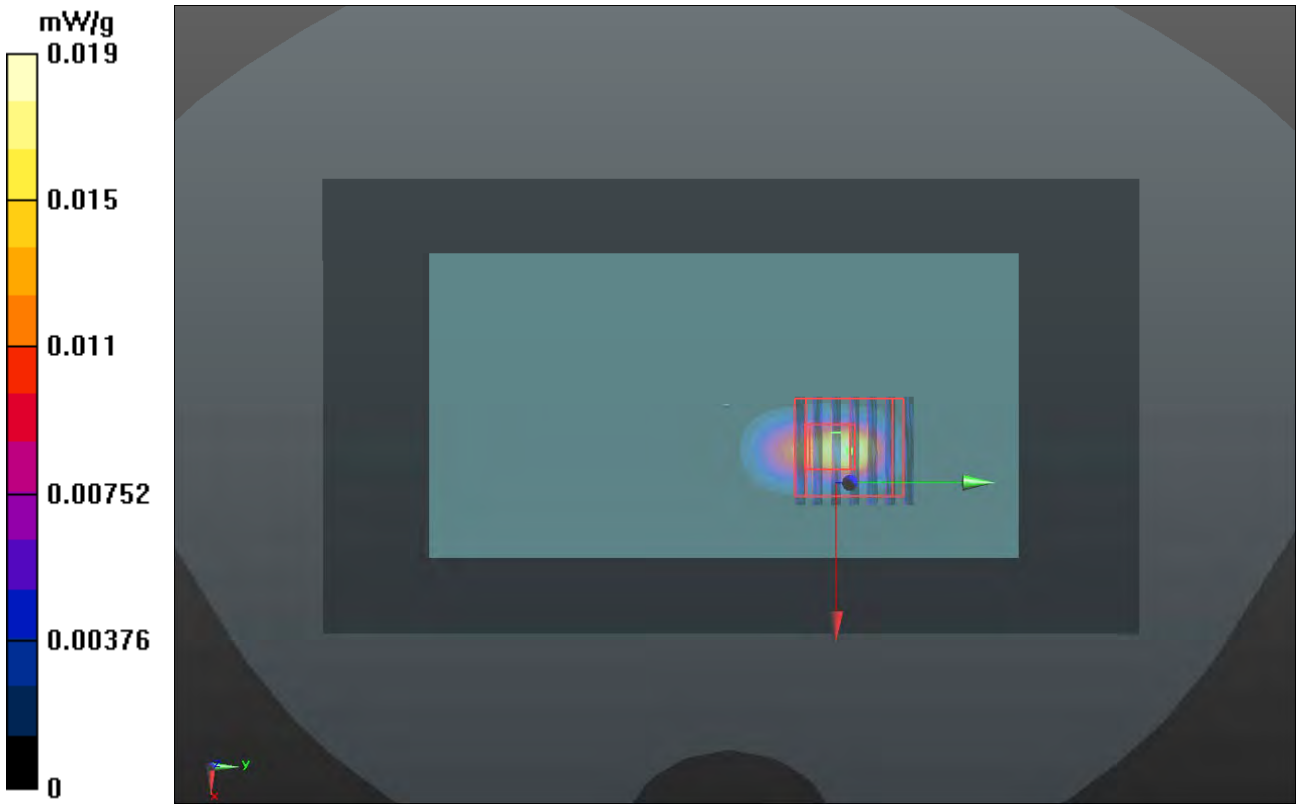
DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5745 MHz; σ = 6.027 mho/m; ε_r = 48.013; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch149/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0188 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.892 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.00893 mW/g; SAR(10 g) = 0.00172 mW/g
Maximum value of SAR (measured) = 0.0205 mW/g



P316 802.11a_Rear Face_1cm_Ch149

DUT: 120717C01

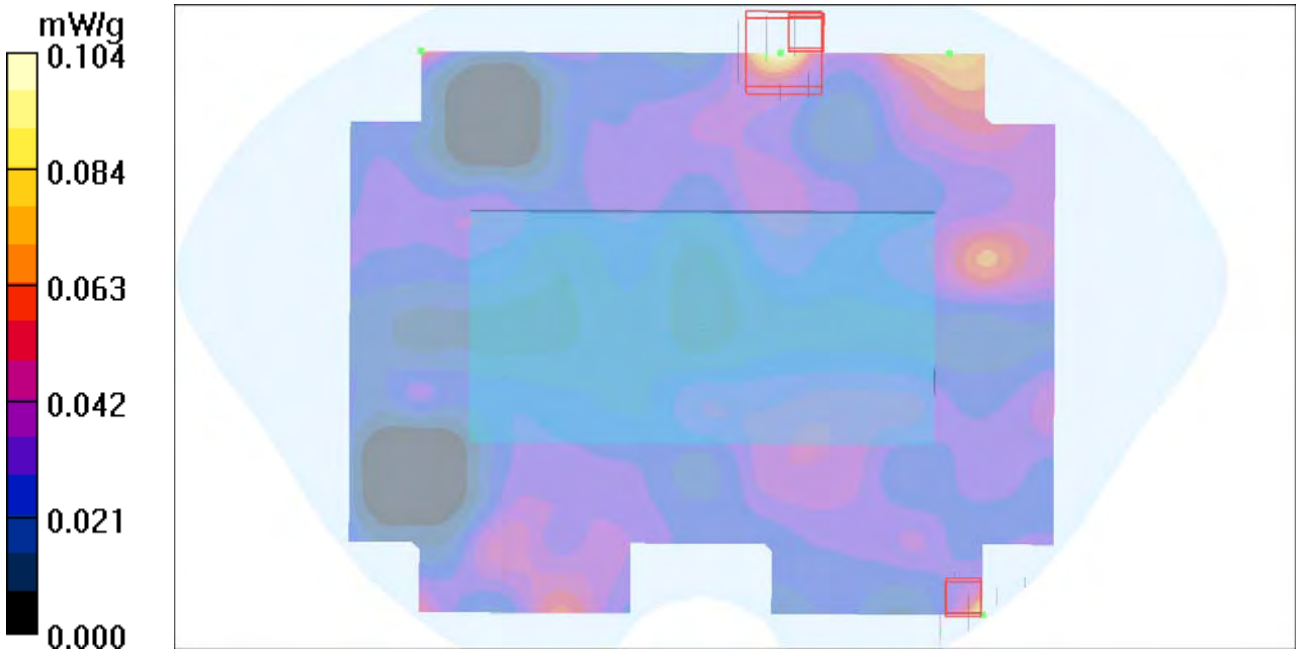
Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: B5G_0926 Medium parameters used: f = 5745 MHz; σ = 6.03 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.104 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.92 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.00157 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.126 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.92 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.001 W/kg
SAR(1 g) = 1.56e-007 mW/g; SAR(10 g) = 2.5e-009 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



P150 802.11n HT20_Rear Face_1cm_Ch149_Earphone

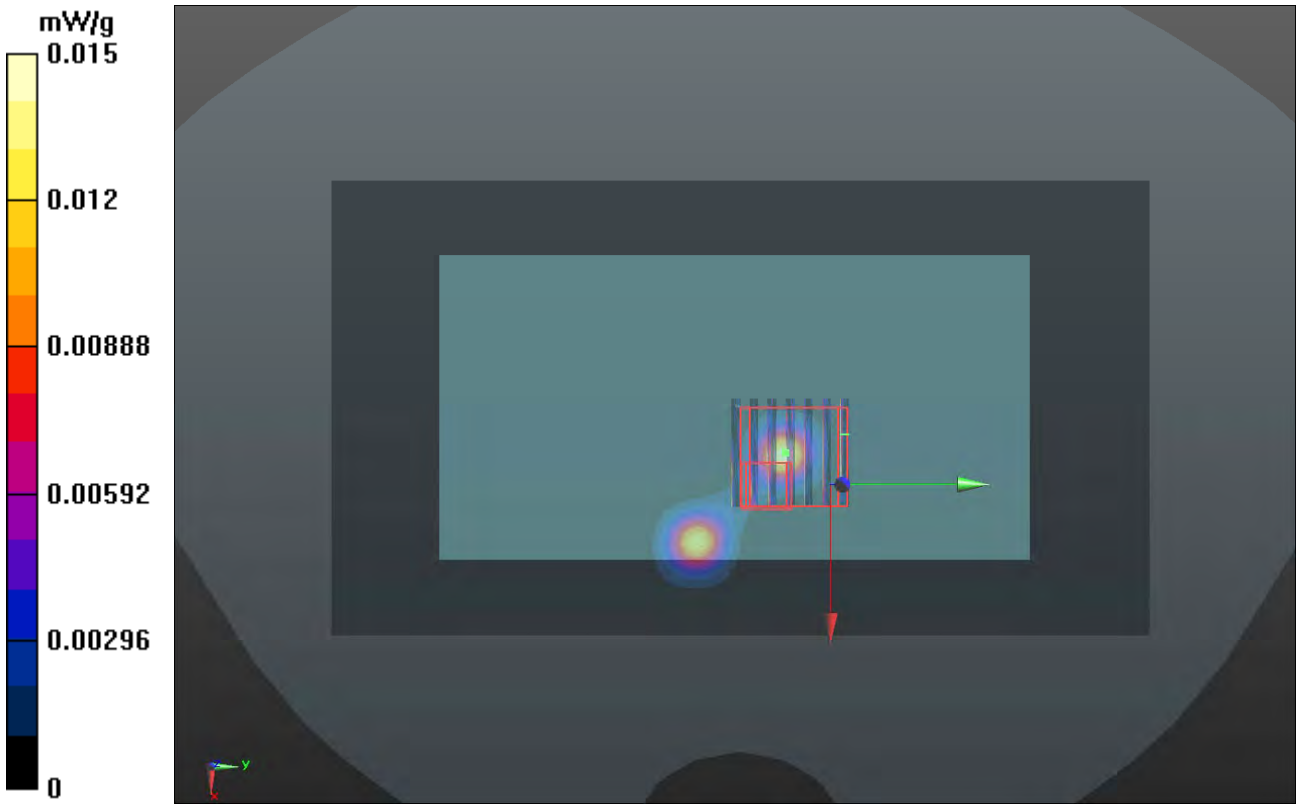
DUT: 120717C01

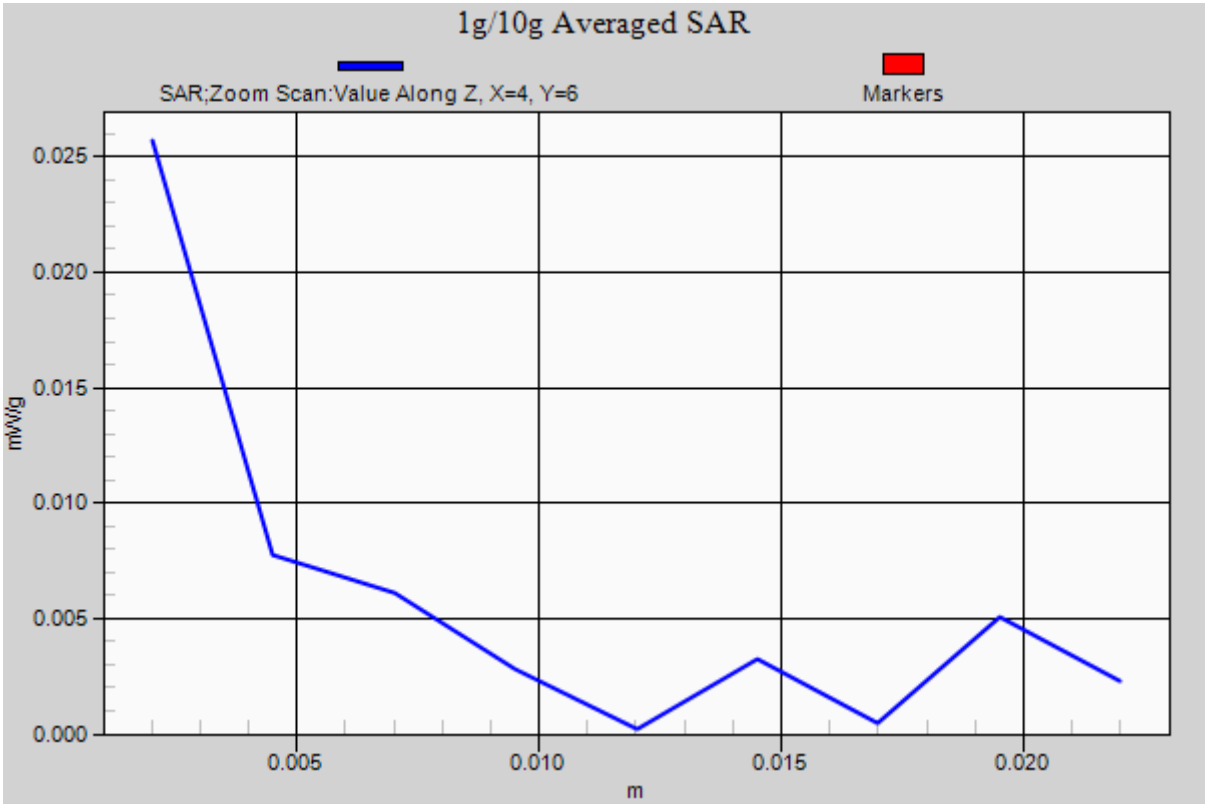
Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: B5G_0803 Medium parameters used: f = 5745 MHz; σ = 6.027 mho/m; ε_r = 48.013; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch149/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0148 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.464 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.151 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00303 mW/g
Maximum value of SAR (measured) = 0.0257 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=6
Markers
0.025
0.020
0.015
0.010
0.005
0.000
mW/g
0.005
0.010
0.015
0.020
m

P317 802.11a_Rear Face_1cm_Ch149_Earphone

DUT: 120717C01

Communication System: WLAN_5G; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: B5G_0926 Medium parameters used: f = 5745 MHz; σ = 6.03 mho/m; ε_r = 48; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.54, 4.54, 4.54); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (161x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.146 mW/g

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.17 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.00323 mW/g; SAR(10 g) = 0.000325 mW/g
Maximum value of SAR (measured) = 0.081 mW/g