P01 GSM850_Right Cheek_Ch251_Sample1

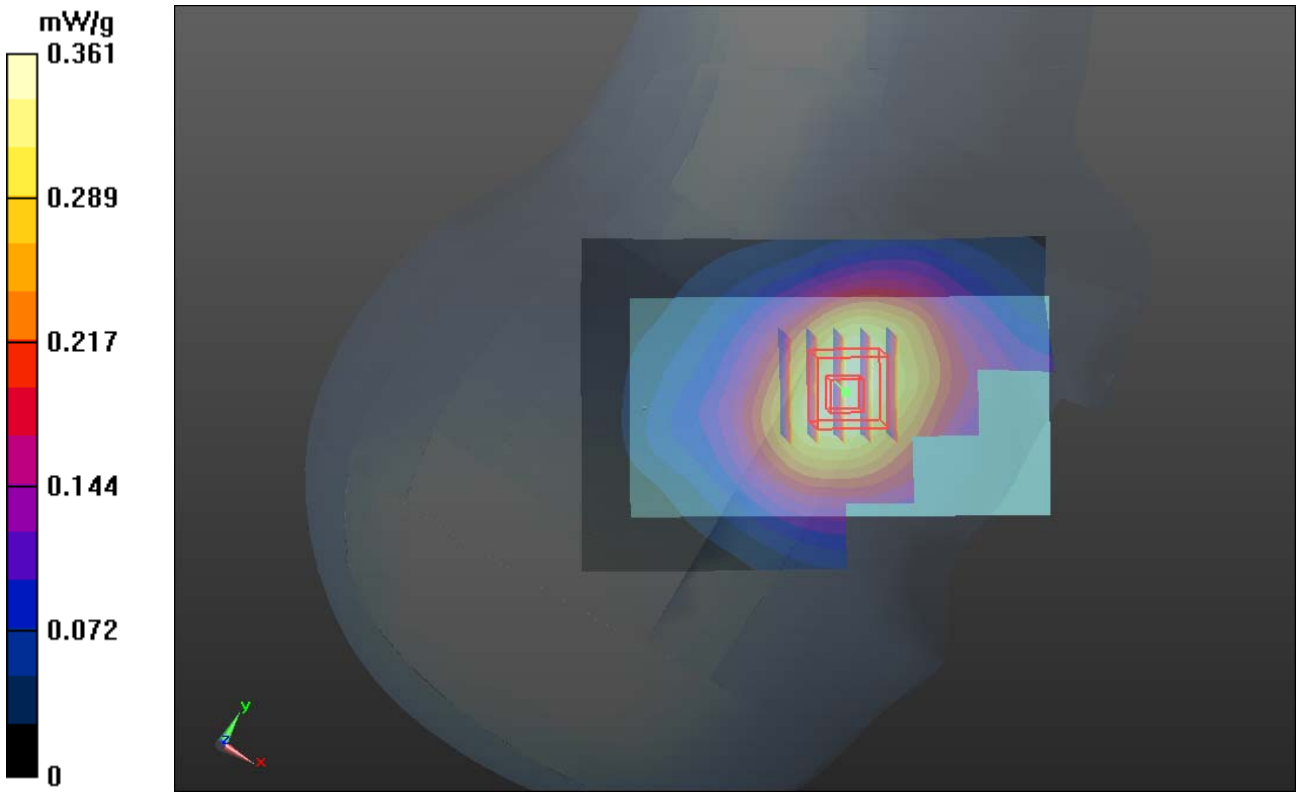
DUT: 120425C07

Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0430 Medium parameters used: f = 849 MHz; σ = 0.912 mho/m; ε_r = 41.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.6 ℃

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

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.361 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.271 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.389 mW/g
SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.360 mW/g



P02 GSM850_Right Tilted_Ch251_Sample1

DUT: 120425C07

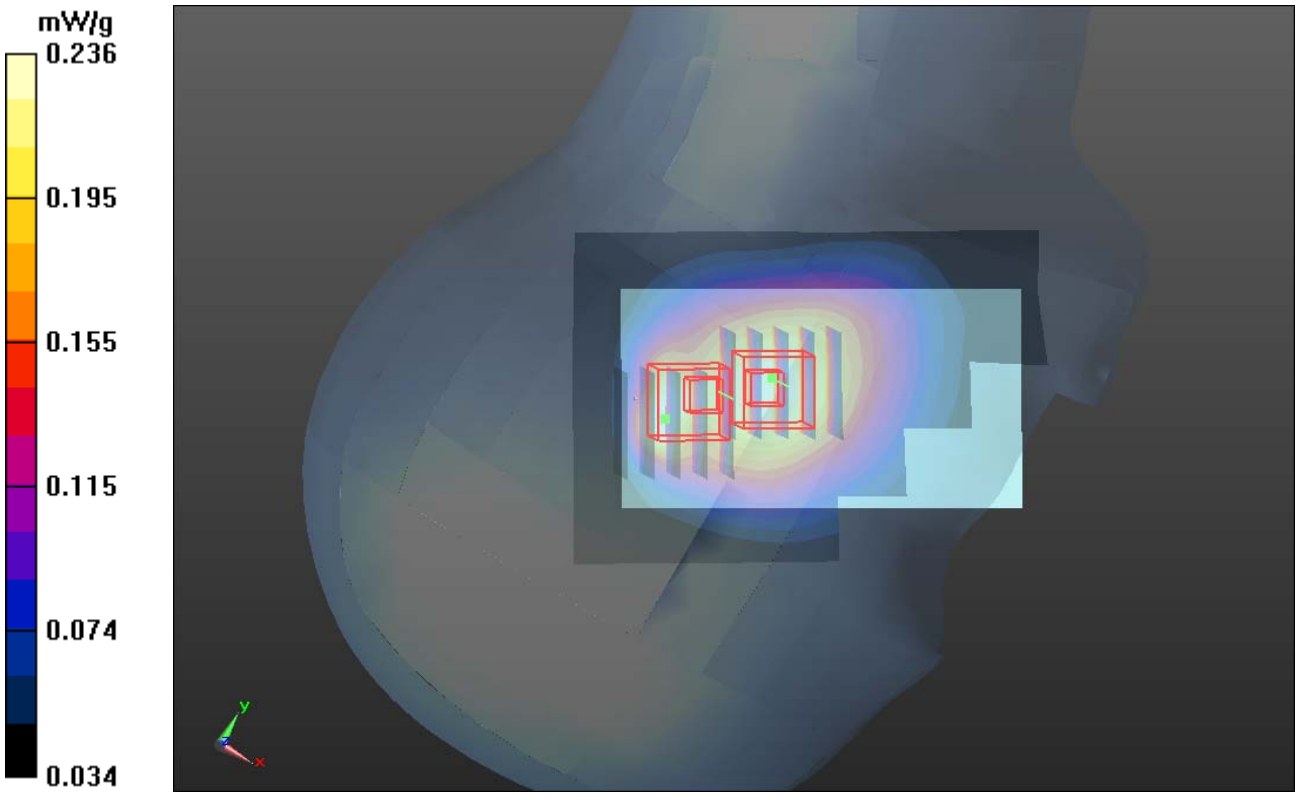
Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0430 Medium parameters used: f = 849 MHz; σ = 0.912 mho/m; ε_r = 41.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.6 ℃

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

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.183 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.259 mW/g
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.183 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.225 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



P03 GSM850_Left Cheek_Ch251_Sample1

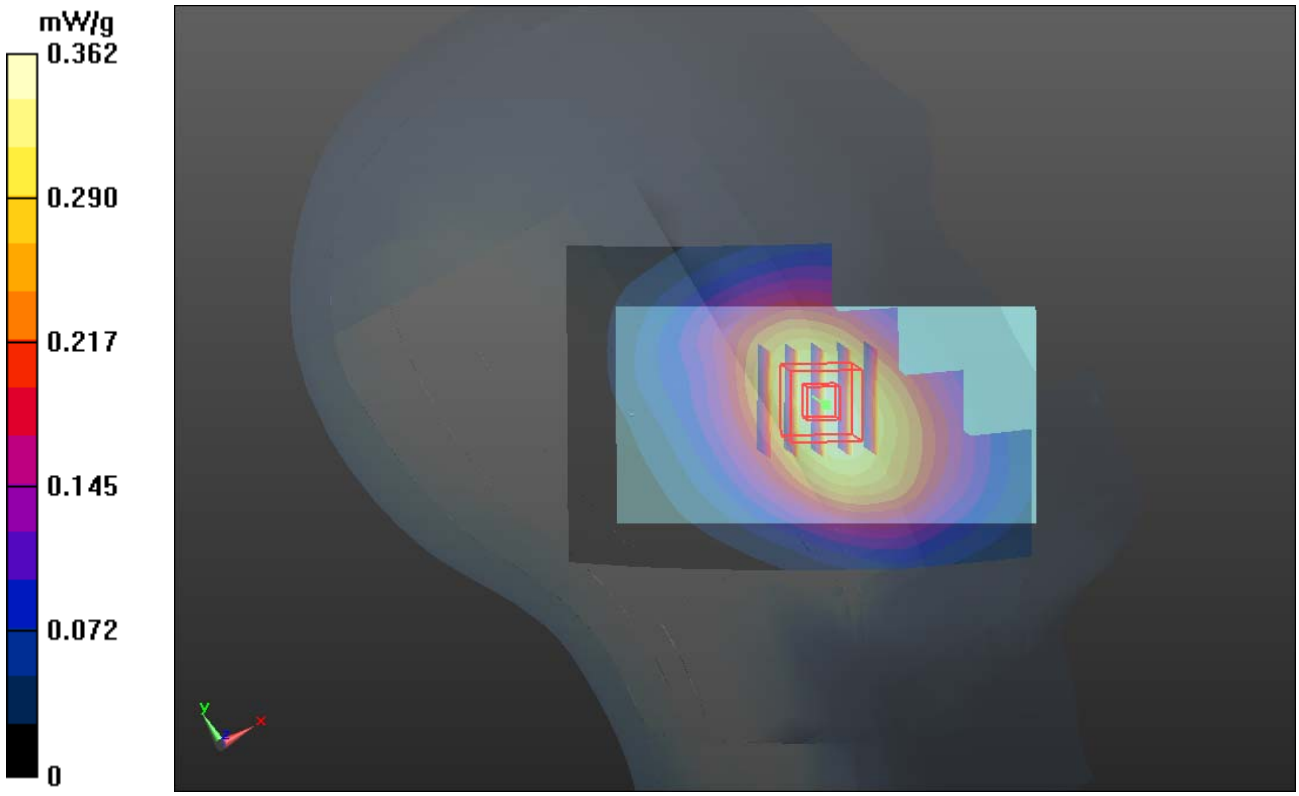
DUT: 120425C07

Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0430 Medium parameters used: f = 849 MHz; σ = 0.912 mho/m; ε_r = 41.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.362 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.251 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.393 mW/g
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.362 mW/g



P04 GSM850_Left Tilted_Ch251_Sample1

DUT: 120425C07

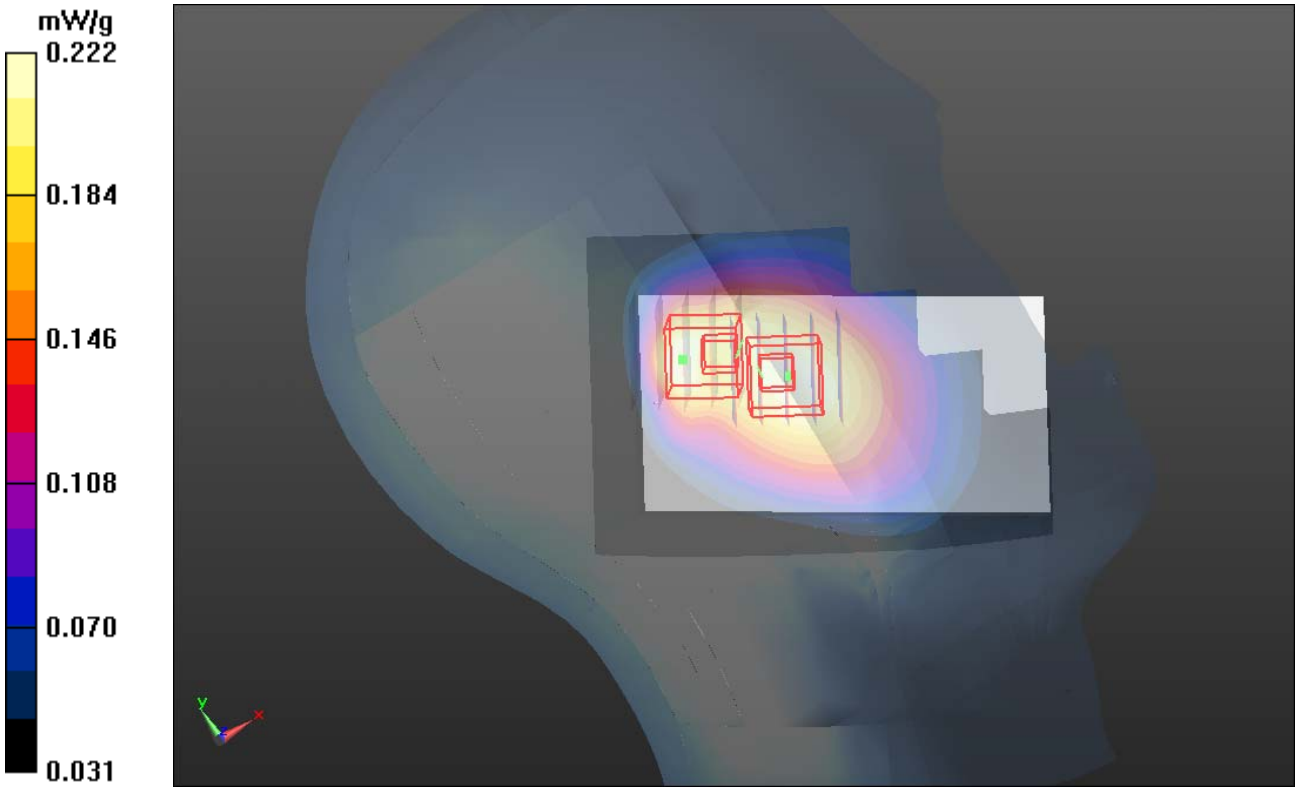
Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0430 Medium parameters used: f = 849 MHz; σ = 0.912 mho/m; ε_r = 41.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.223 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.244 mW/g
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.223 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.218 mW/g
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.201 mW/g



P05 GSM850_GPRS11_Left Check_Ch251_Sample1

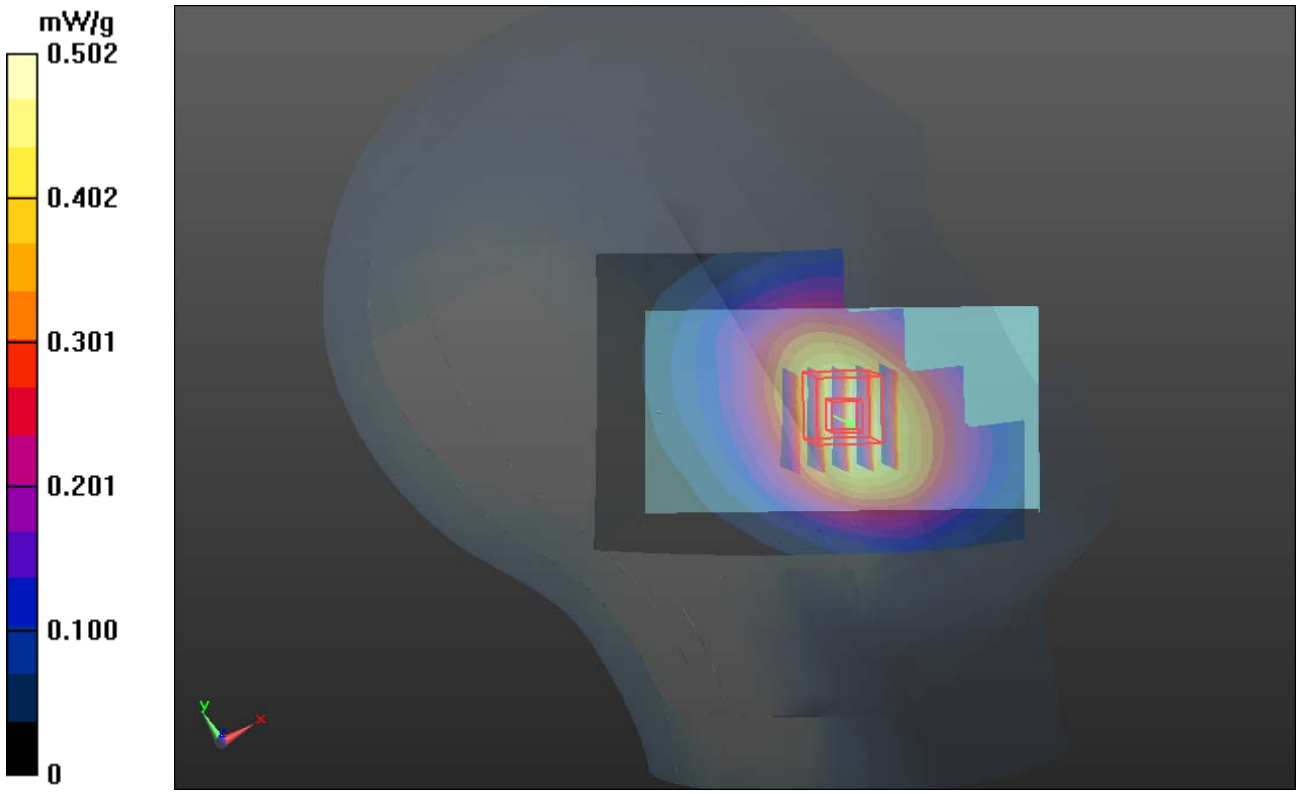
DUT: 120425C07

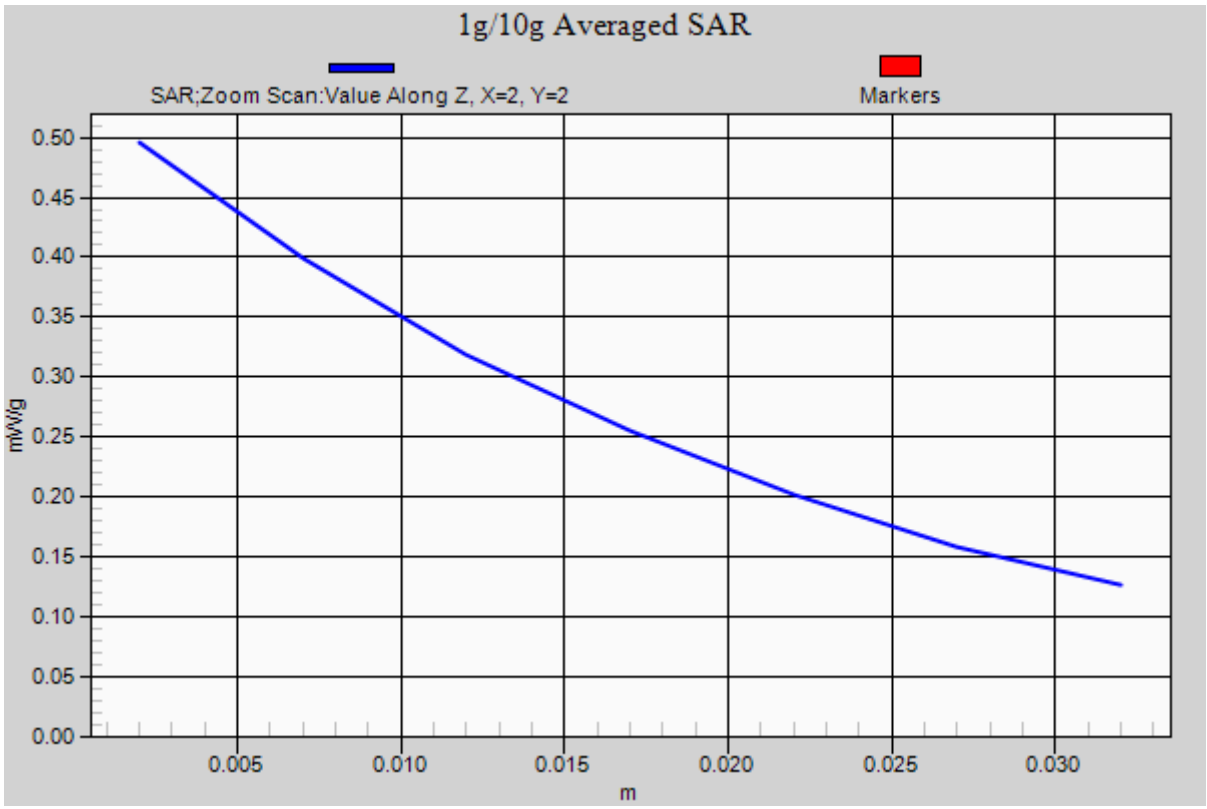
Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: H835_0430 Medium parameters used: f = 849 MHz; σ = 0.912 mho/m; ε_r = 41.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.502 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.479 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.540 mW/g
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.496 mW/g




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

P06 GSM850_GPRS11_Left Tilted_Ch251_Sample2

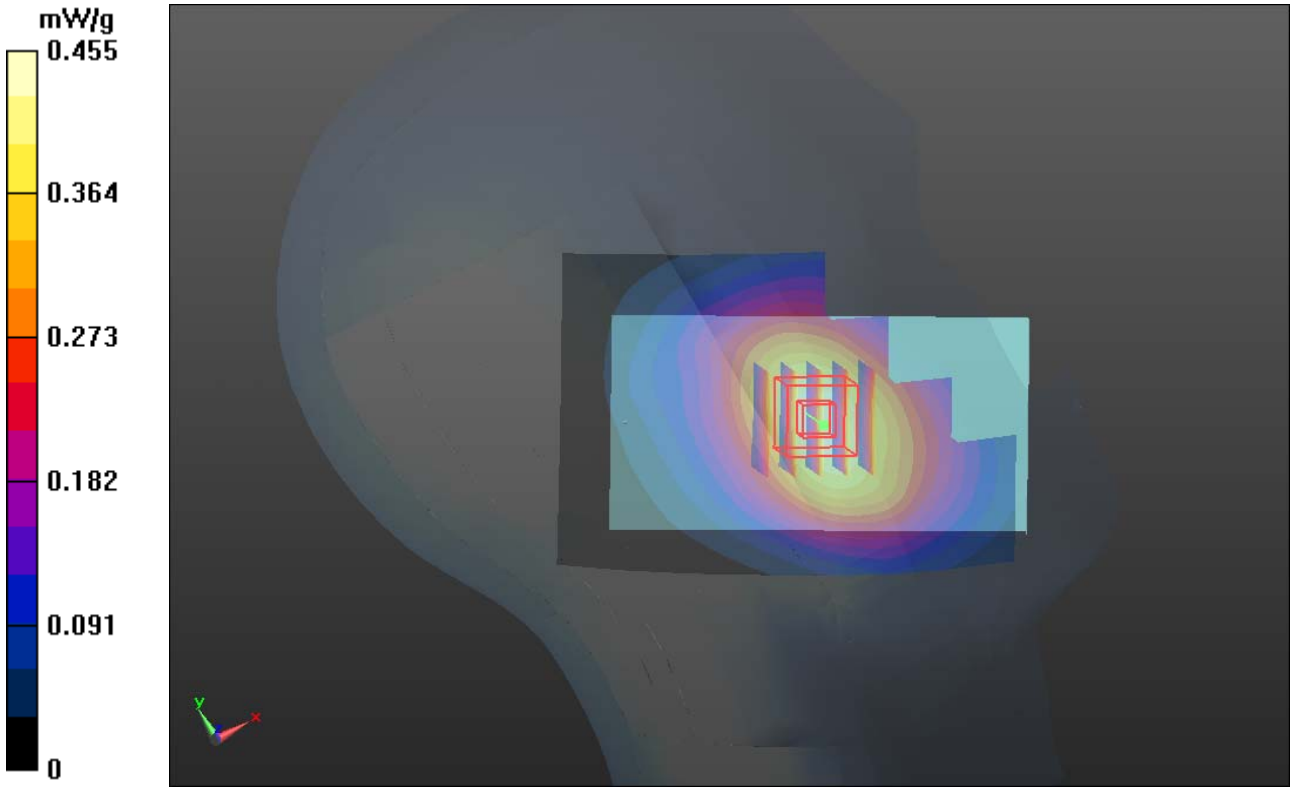
DUT: 120425C07

Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: H835_0430 Medium parameters used: f = 849 MHz; σ = 0.912 mho/m; ε_r = 41.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.455 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.289 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.496 mW/g
SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.454 mW/g



P07 GSM1900_Right Cheek_Ch661_Sample1

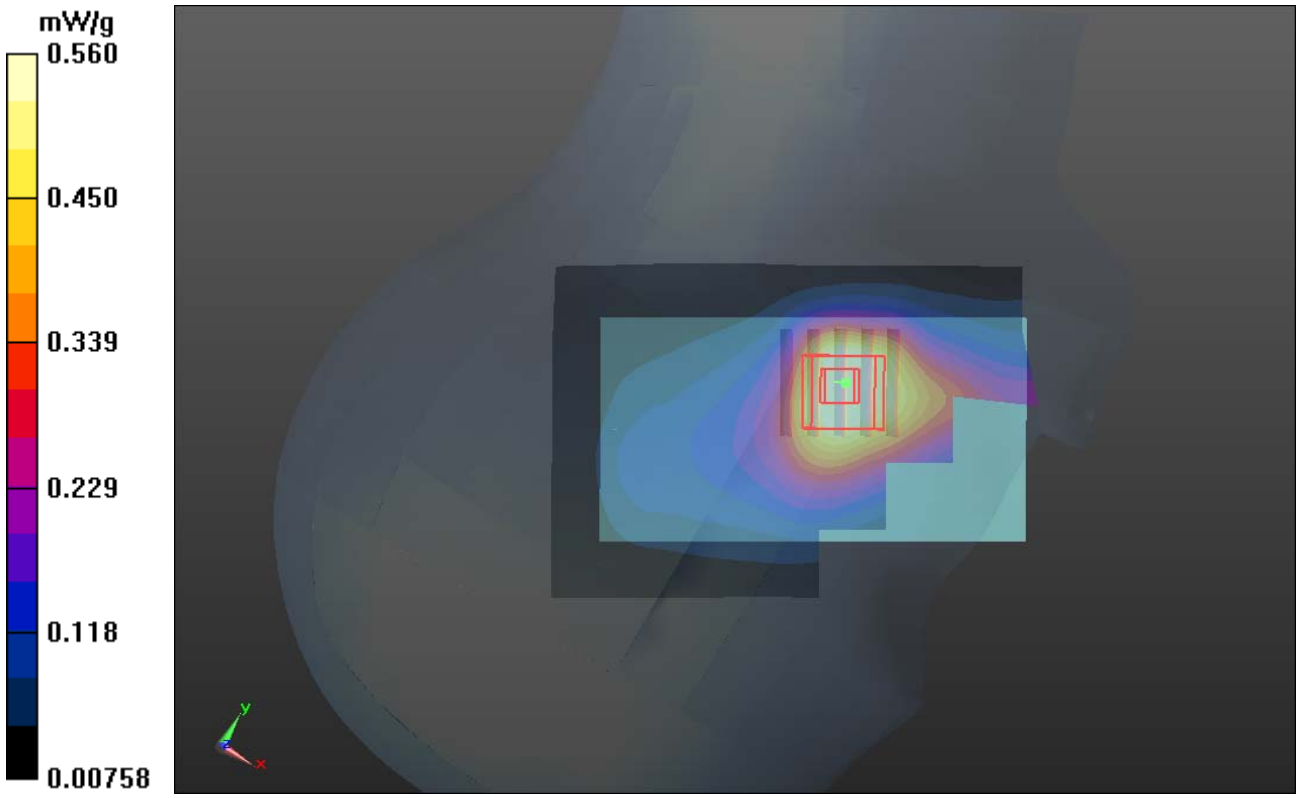
DUT: 120425C07

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0430 Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; ε_r = 39.533; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.626 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.815 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.655 mW/g
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.284 mW/g
Maximum value of SAR (measured) = 0.560 mW/g



P08 GSM1900_Right Tilted_Ch661_Sample1

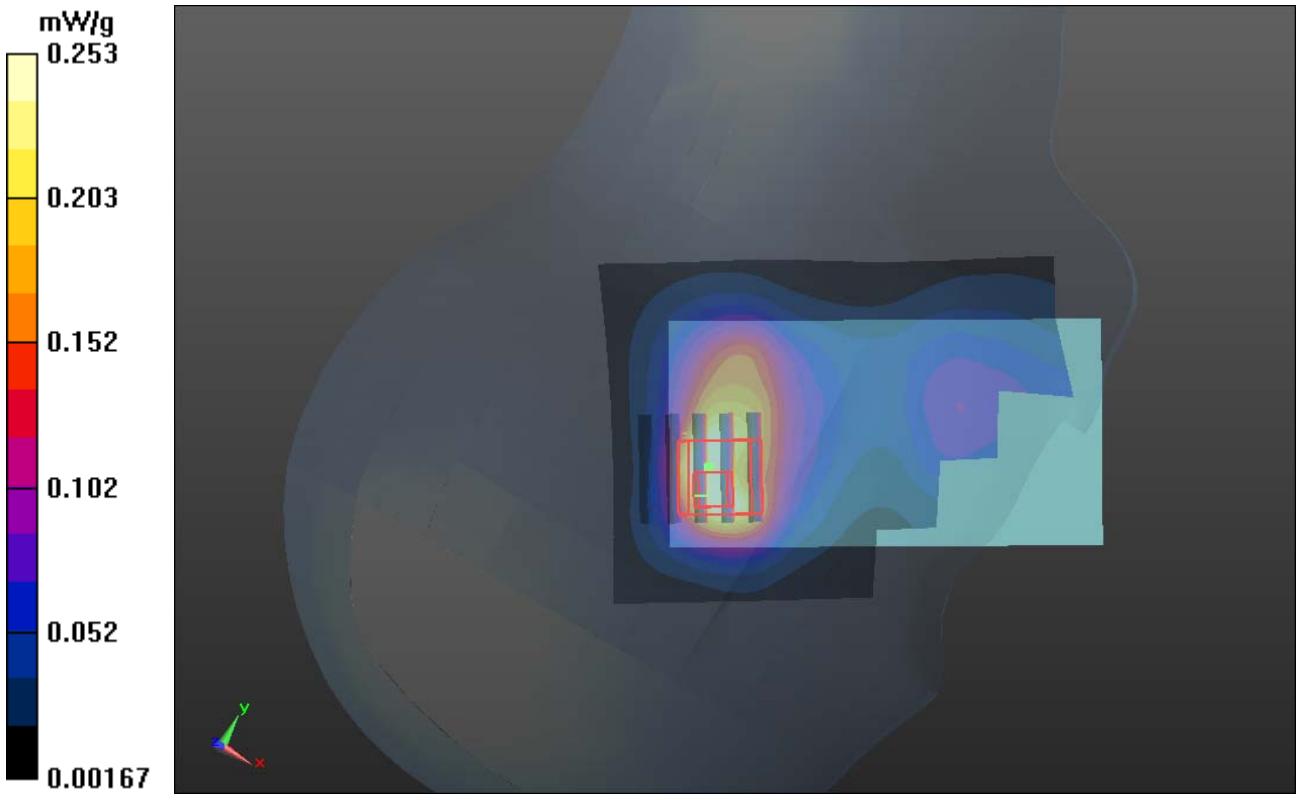
DUT: 120425C07

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0430 Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; ε_r = 39.533; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.296 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.533 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.332 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.253 mW/g



P09 GSM1900_Left Check_Ch661_Sample1

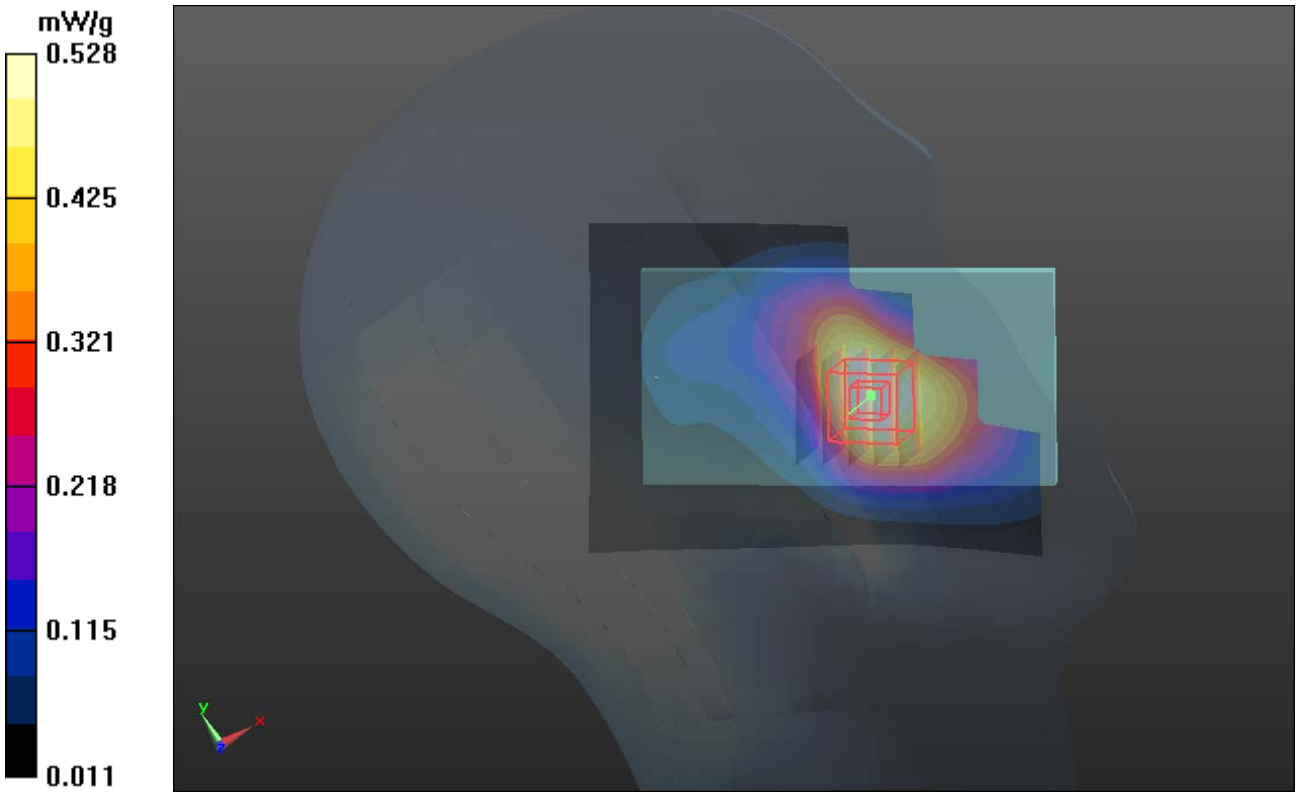
DUT: 120425C07

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0430 Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; ε_r = 39.533; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

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

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.583 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.329 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.623 mW/g
SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.528 mW/g



P10 GSM1900_Left Tilted_Ch661_Sample1

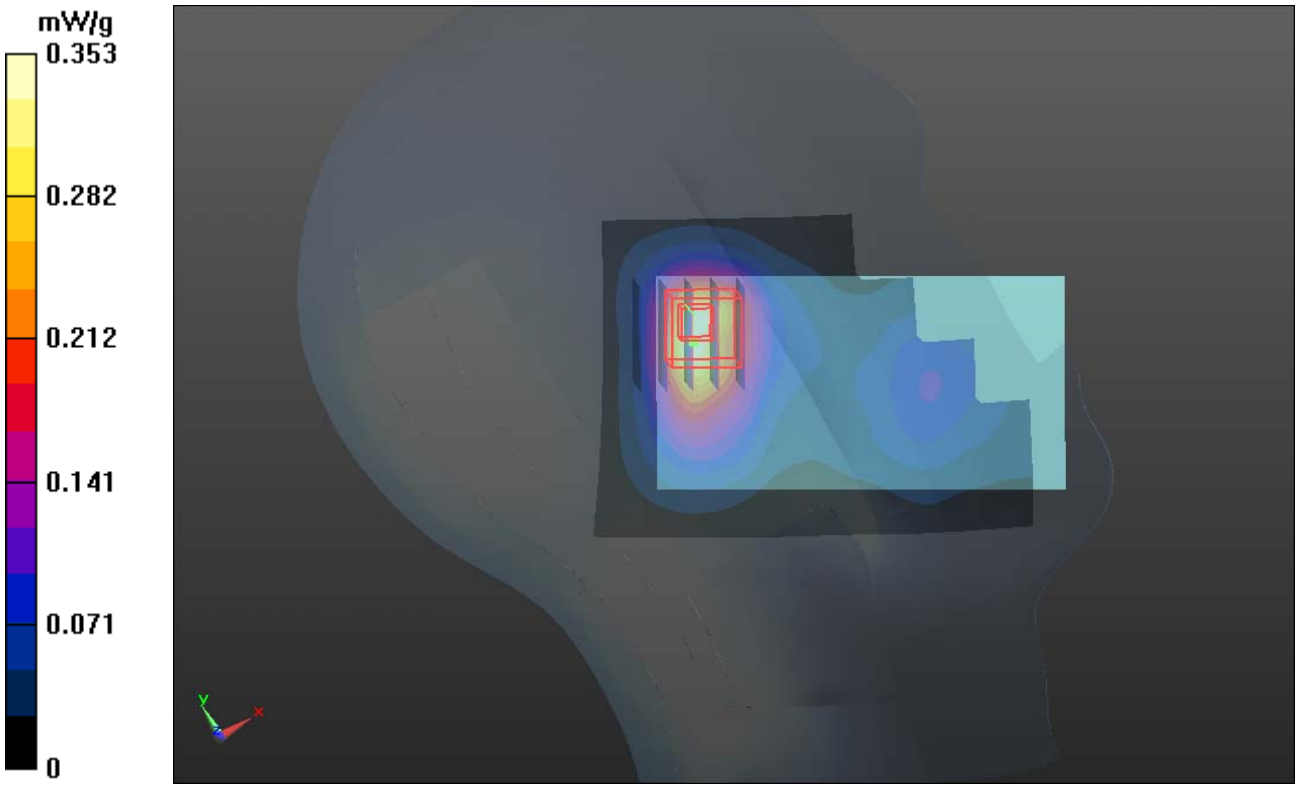
DUT: 120425C07

Communication System: GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0430 Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; ε_r = 39.533; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.353 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.822 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.382 mW/g
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.299 mW/g



P11 GSM1900_GPRS10_Right Cheek_Ch661_Sample1

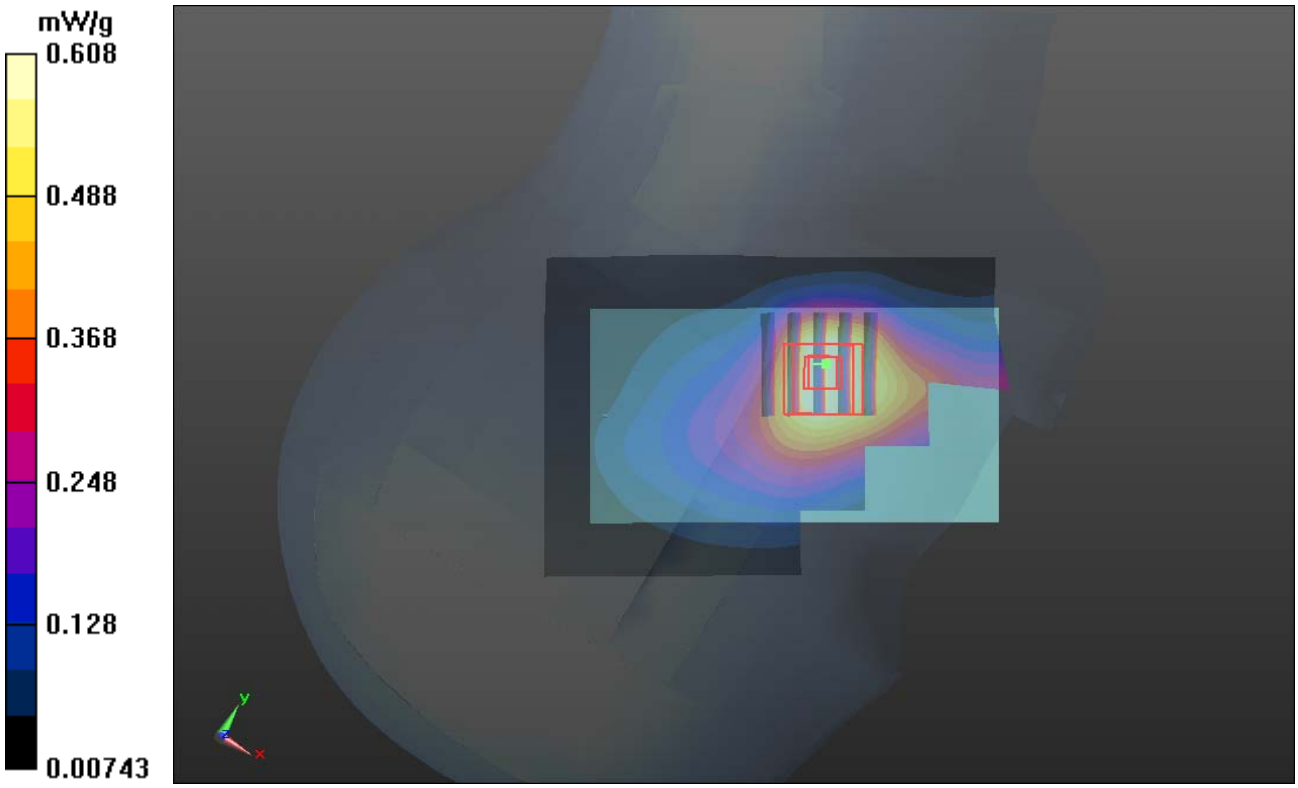
DUT: 120425C07

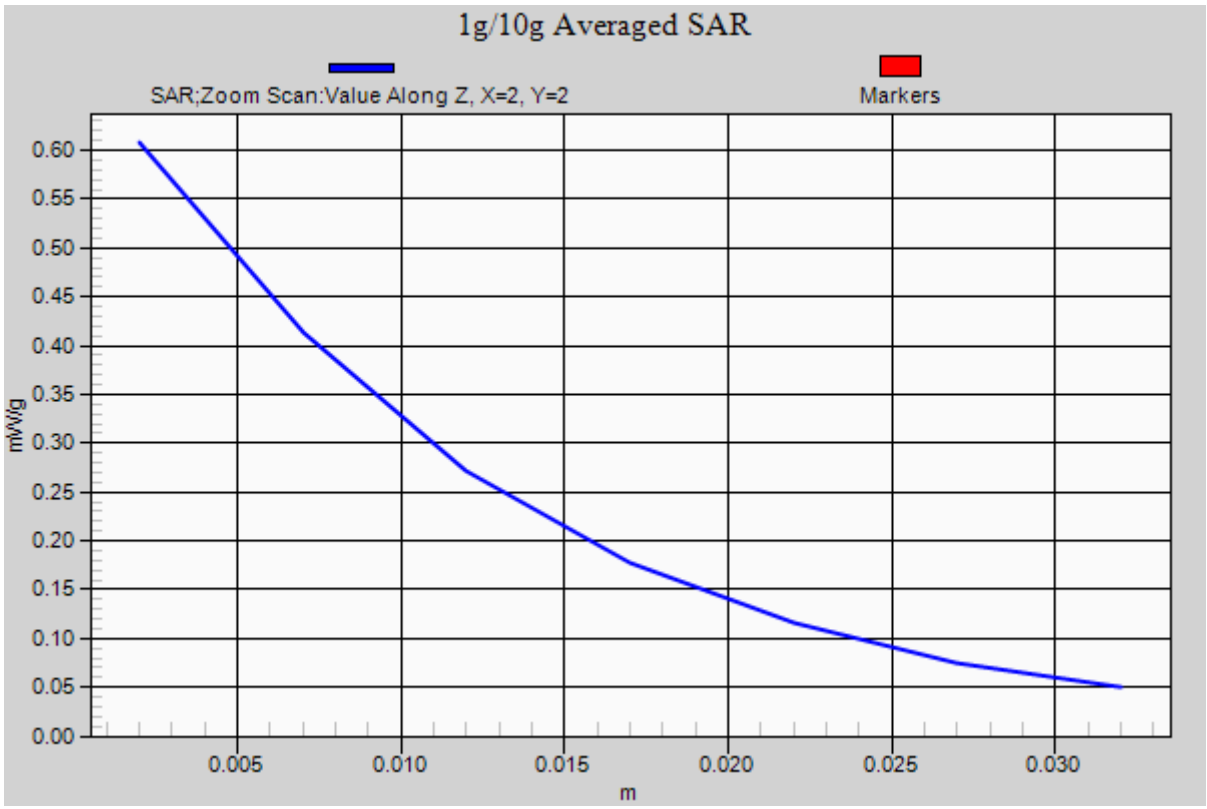
Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0430 Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; ε_r = 39.533; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.666 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.031 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.716 mW/g
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.608 mW/g




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

P12 GSM1900_GPRS10_Right Cheek_Ch661_Sample2

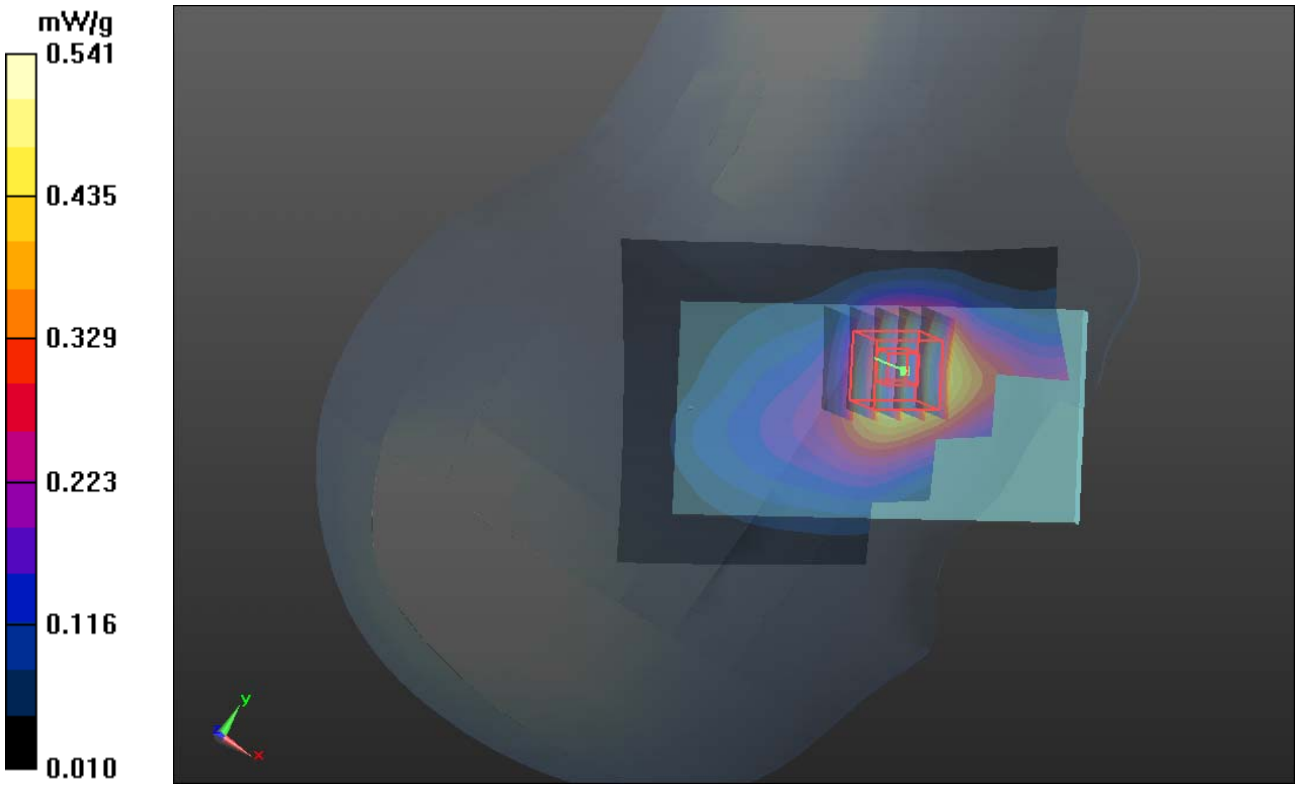
DUT: 120425C07

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0430 Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; ε_r = 39.533; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch661/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.571 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.280 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.632 mW/g
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.541 mW/g



P13 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample1

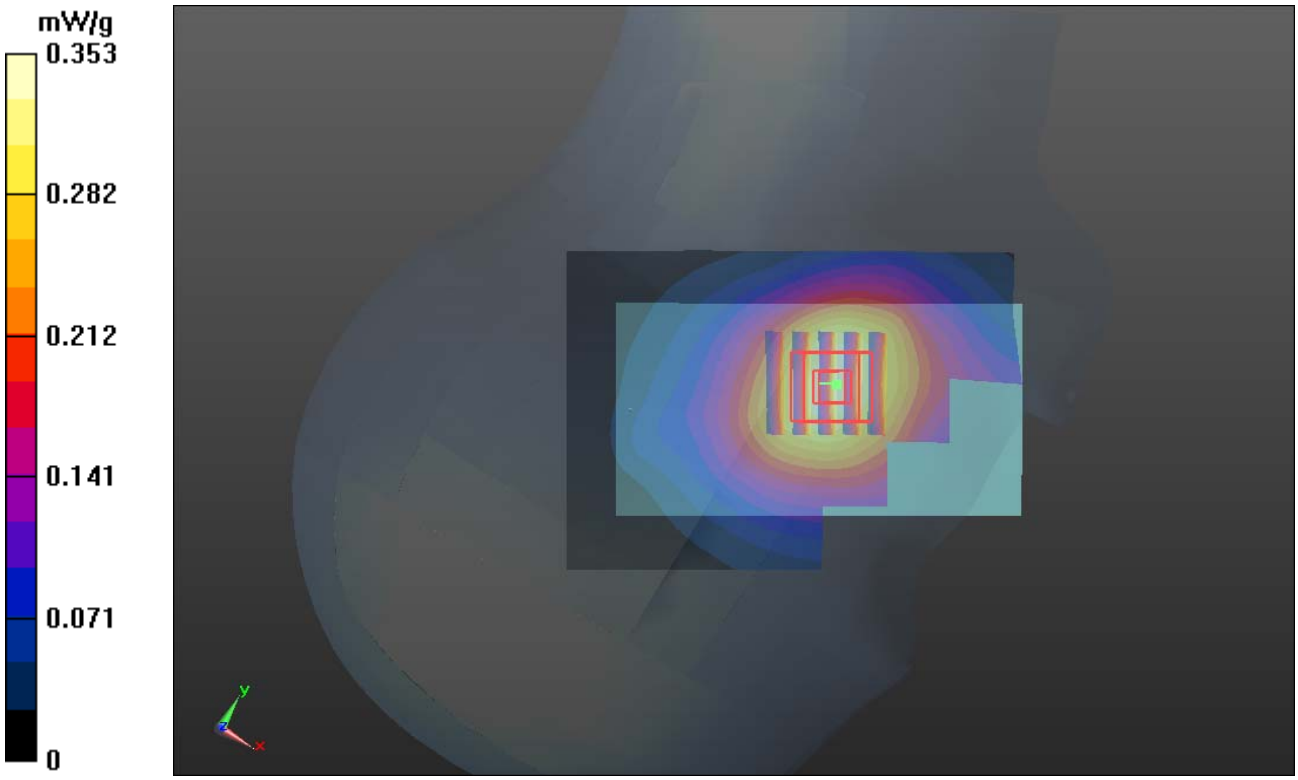
DUT: 120425C07

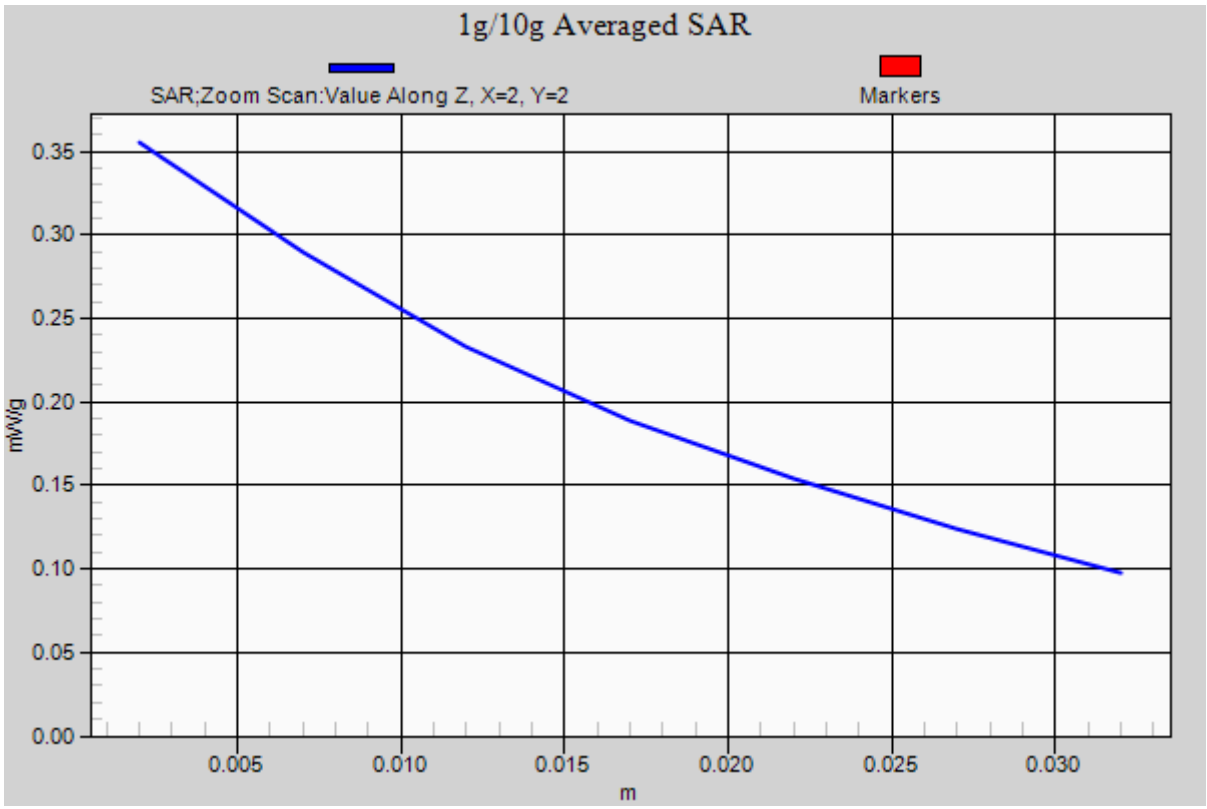
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0430 Medium parameters used: f = 847 MHz; σ = 0.91 mho/m; ε_r = 41.858; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.353 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.759 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.383 mW/g
SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.355 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

P14 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Sample1

DUT: 120425C07

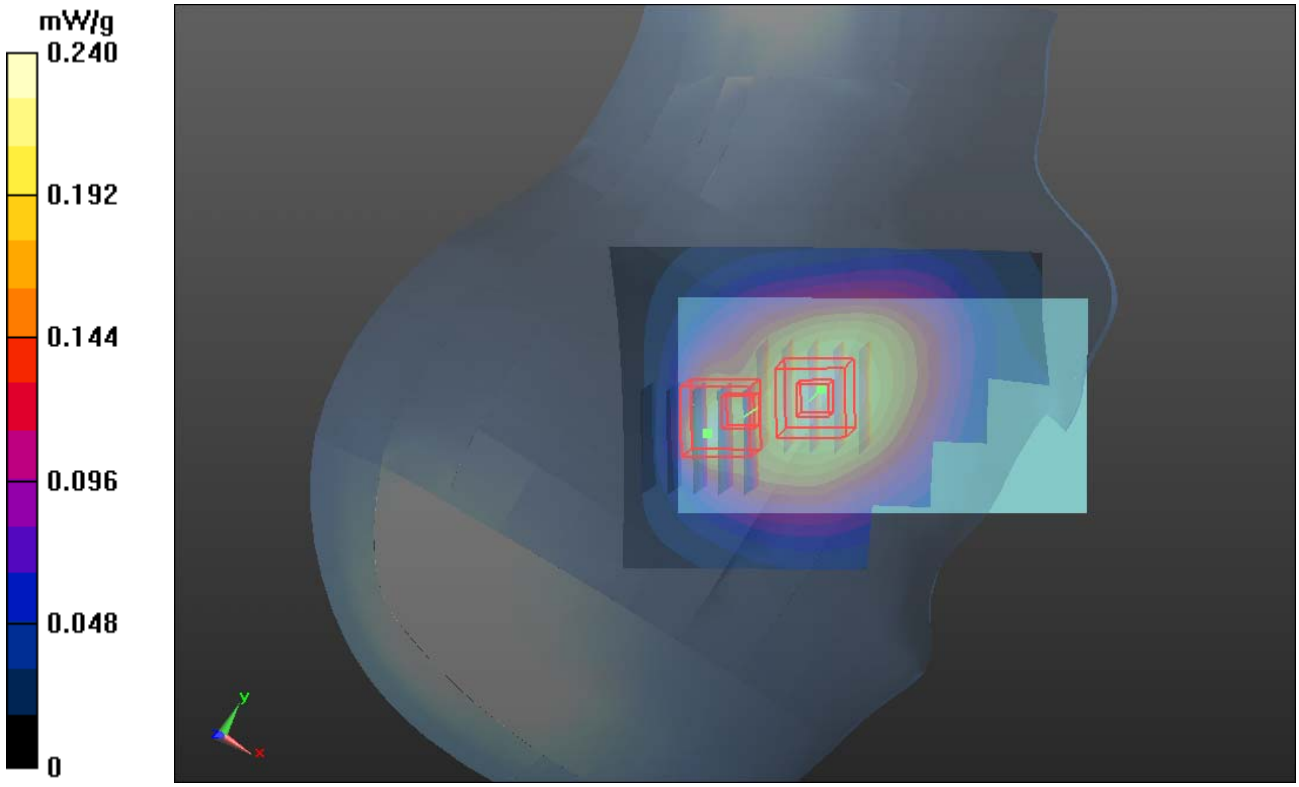
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0430 Medium parameters used: f = 847 MHz; σ = 0.91 mho/m; ε_r = 41.858; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.6 ℃

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

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.339 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.260 mW/g
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.339 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.208 mW/g
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.183 mW/g



P15 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Sample1

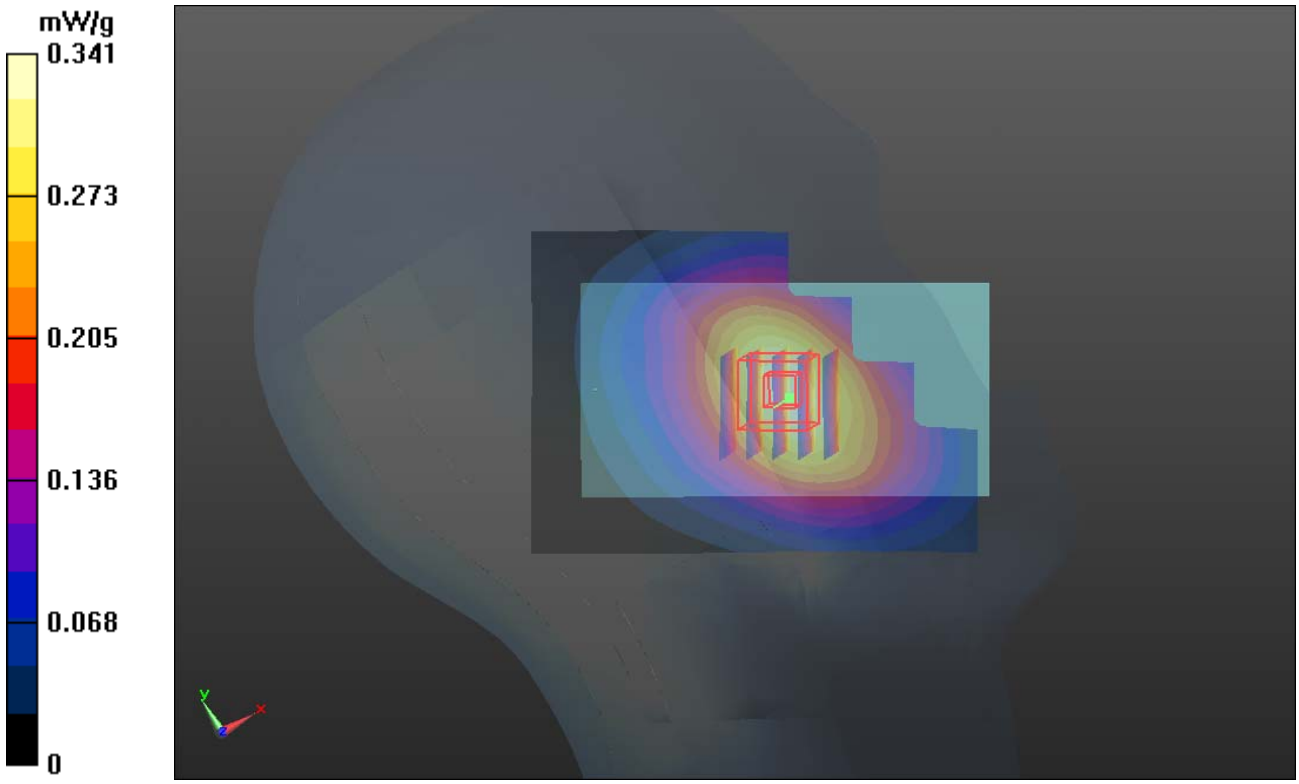
DUT: 120425C07

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0430 Medium parameters used: f = 847 MHz; σ = 0.91 mho/m; ε_r = 41.858; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.341 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.574 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.365 mW/g
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.224 mW/g
Maximum value of SAR (measured) = 0.335 mW/g



P16 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Sample1

DUT: 120425C07

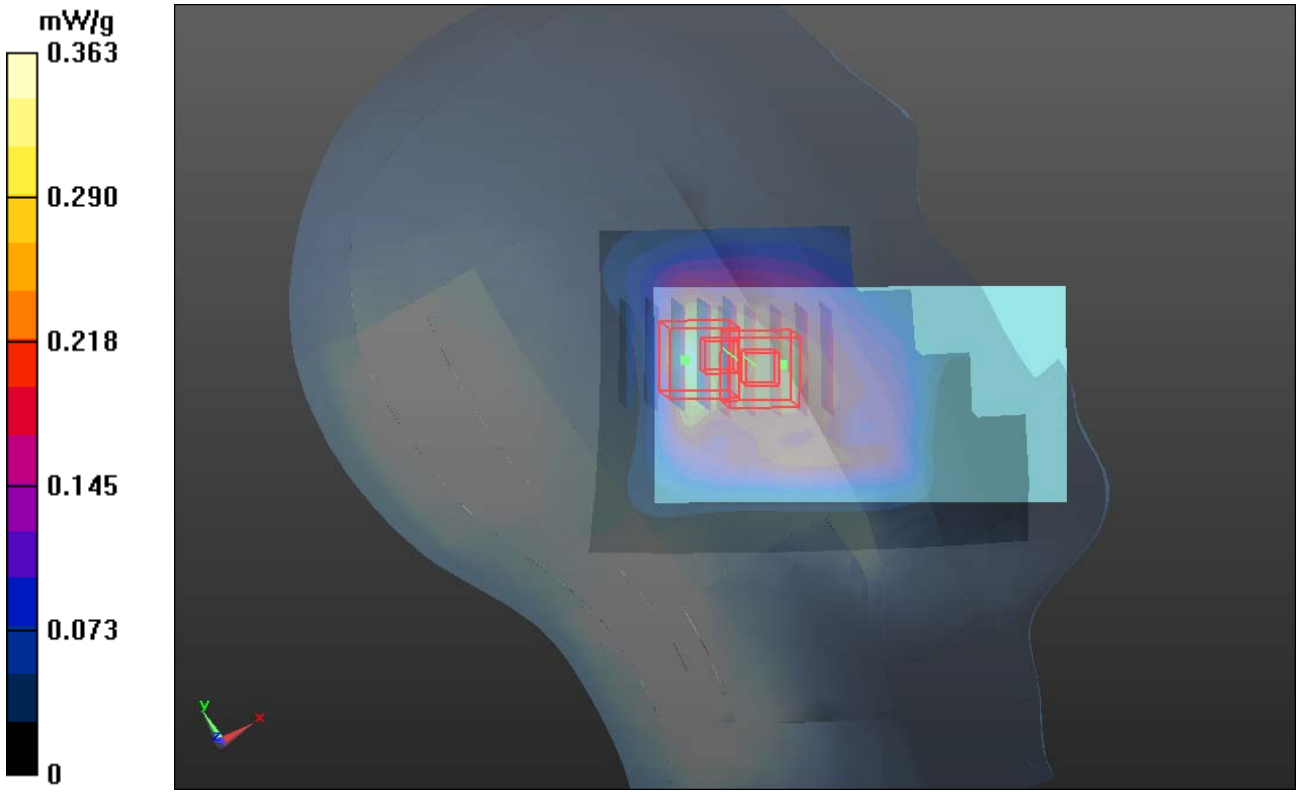
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0430 Medium parameters used: f = 847 MHz; σ = 0.91 mho/m; ε_r = 41.858; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.6 ℃

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

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.363 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.864 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.281 mW/g
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.256 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.864 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.268 mW/g
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.245 mW/g



P17 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Sample2

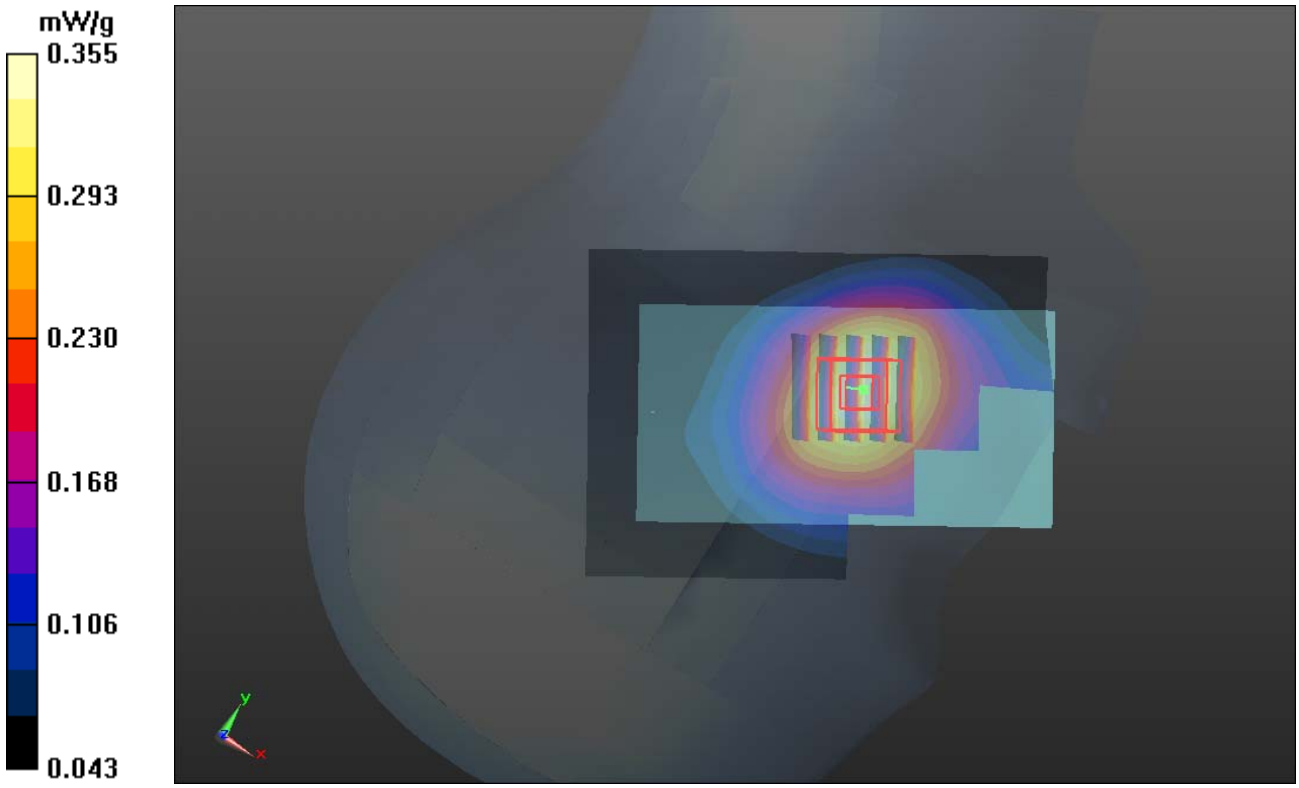
DUT: 120425C07

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0430 Medium parameters used: f = 847 MHz; σ = 0.91 mho/m; ε_r = 41.858; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.6 ℃

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

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.358 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.524 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.386 mW/g
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.355 mW/g



P18 WCDMA II_RMC12.2K_Right Cheek_Ch9538_Sample1

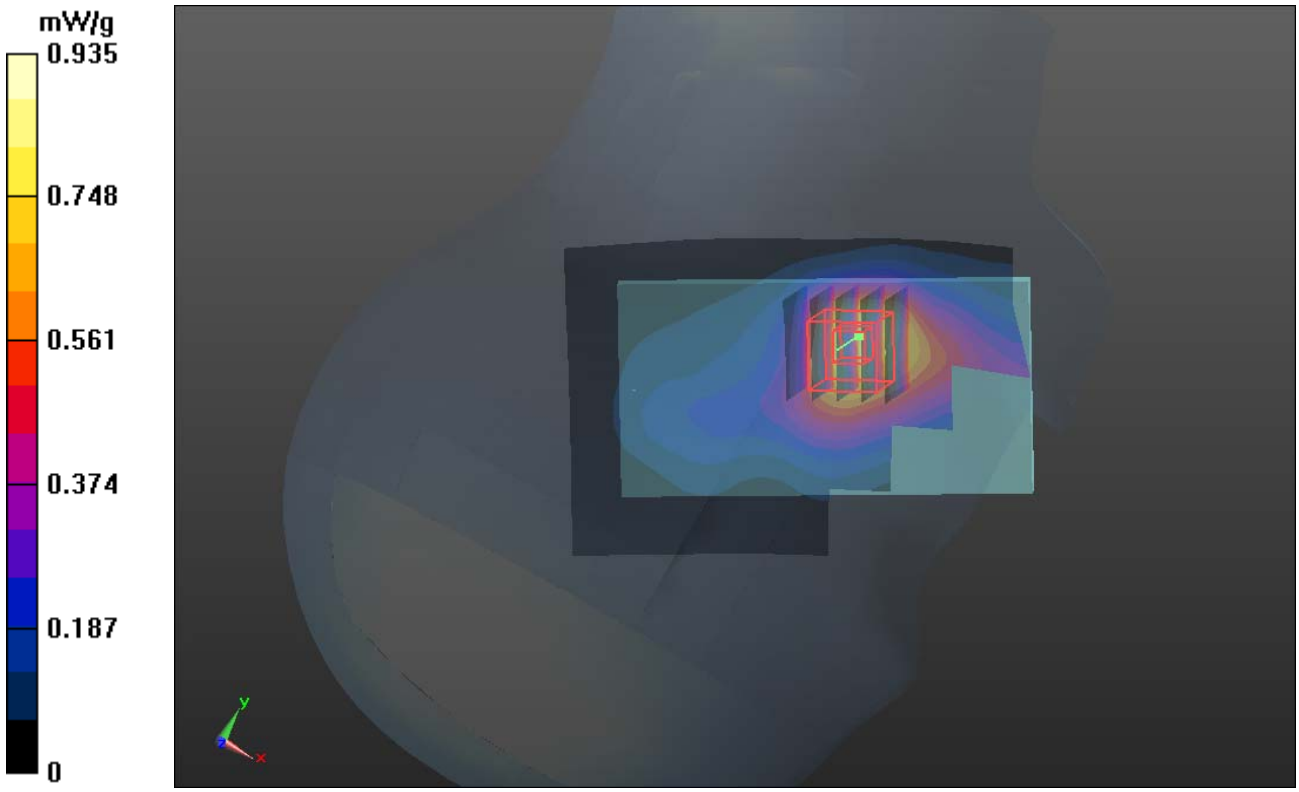
DUT: 120425C07

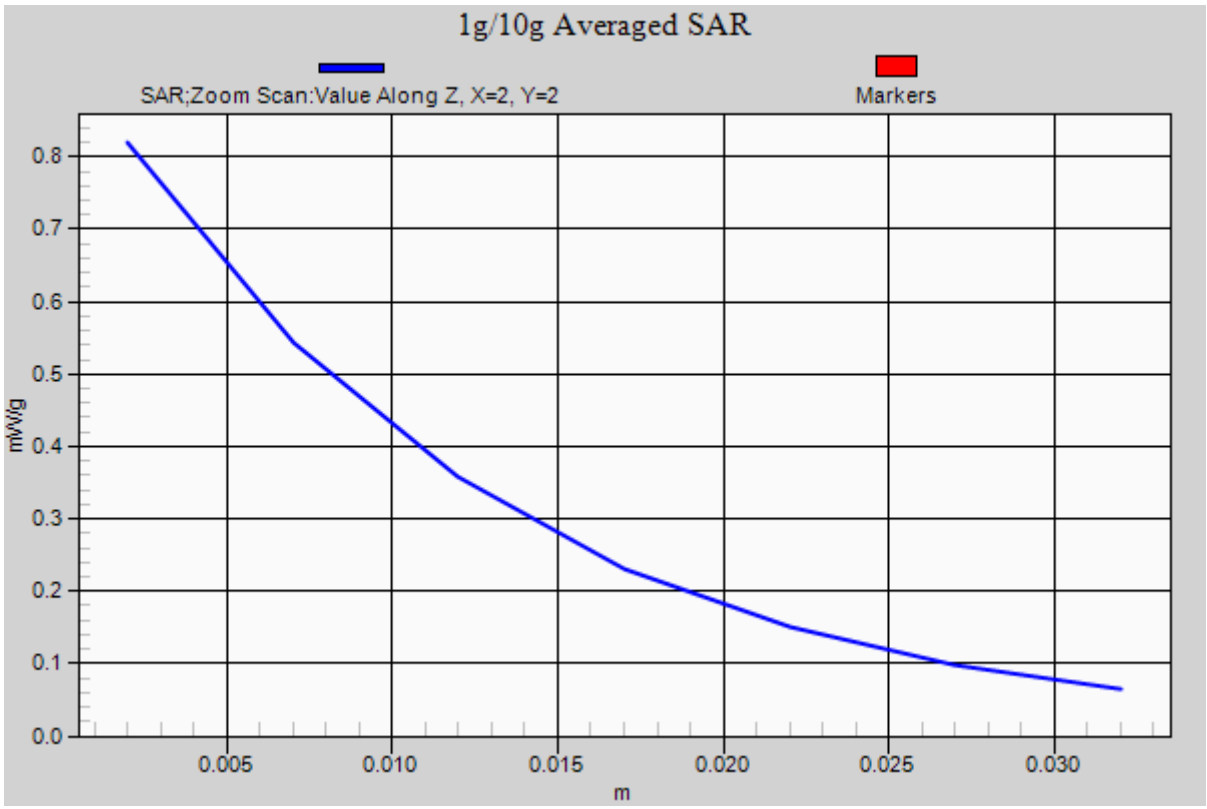
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0430 Medium parameters used: f = 1908 MHz; σ = 1.399 mho/m; ε_r = 39.498; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

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

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.935 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.391 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.975 mW/g
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.410 mW/g
Maximum value of SAR (measured) = 0.819 mW/g




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

P19 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Sample1

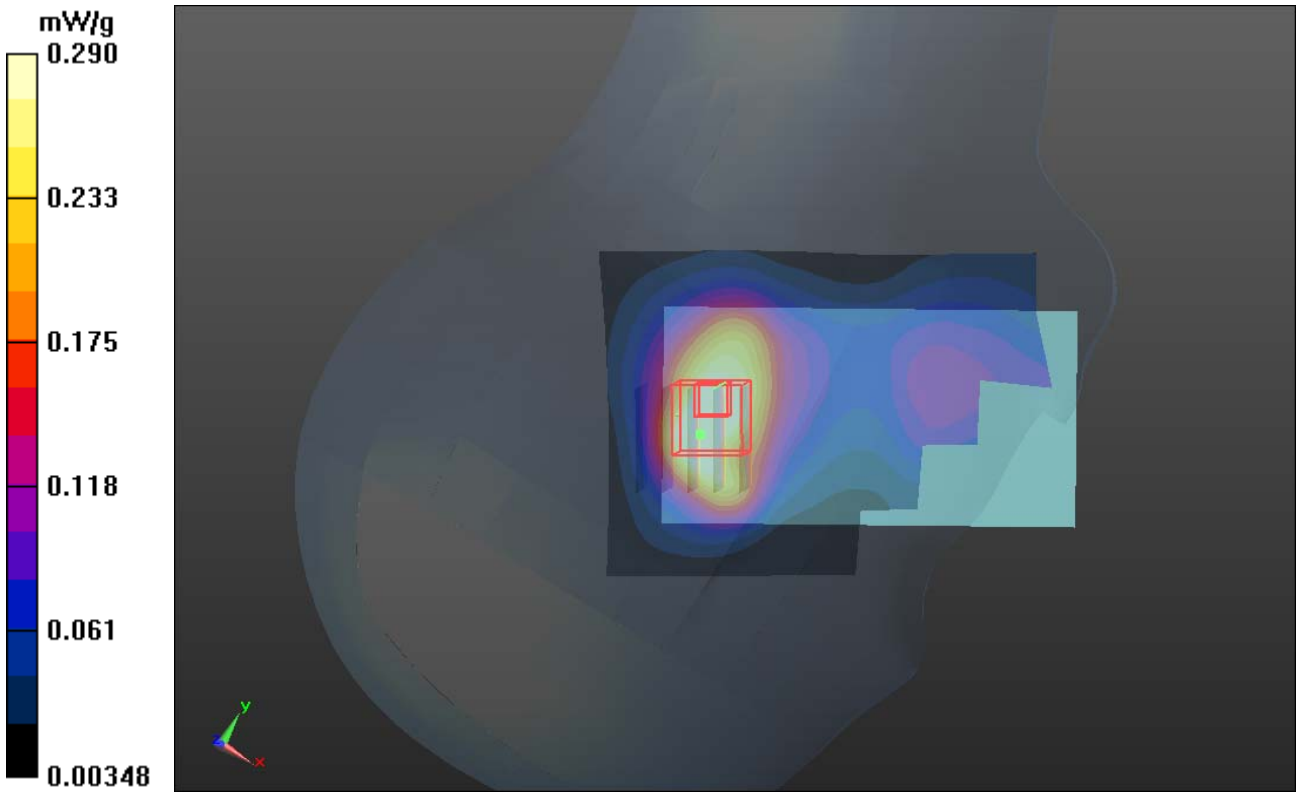
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0430 Medium parameters used: f = 1908 MHz; σ = 1.399 mho/m; ε_r = 39.498; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.350 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.461 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.375 mW/g
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



P20 WCDMA II_RMC12.2K_Left Cheek_Ch9538_Sample1

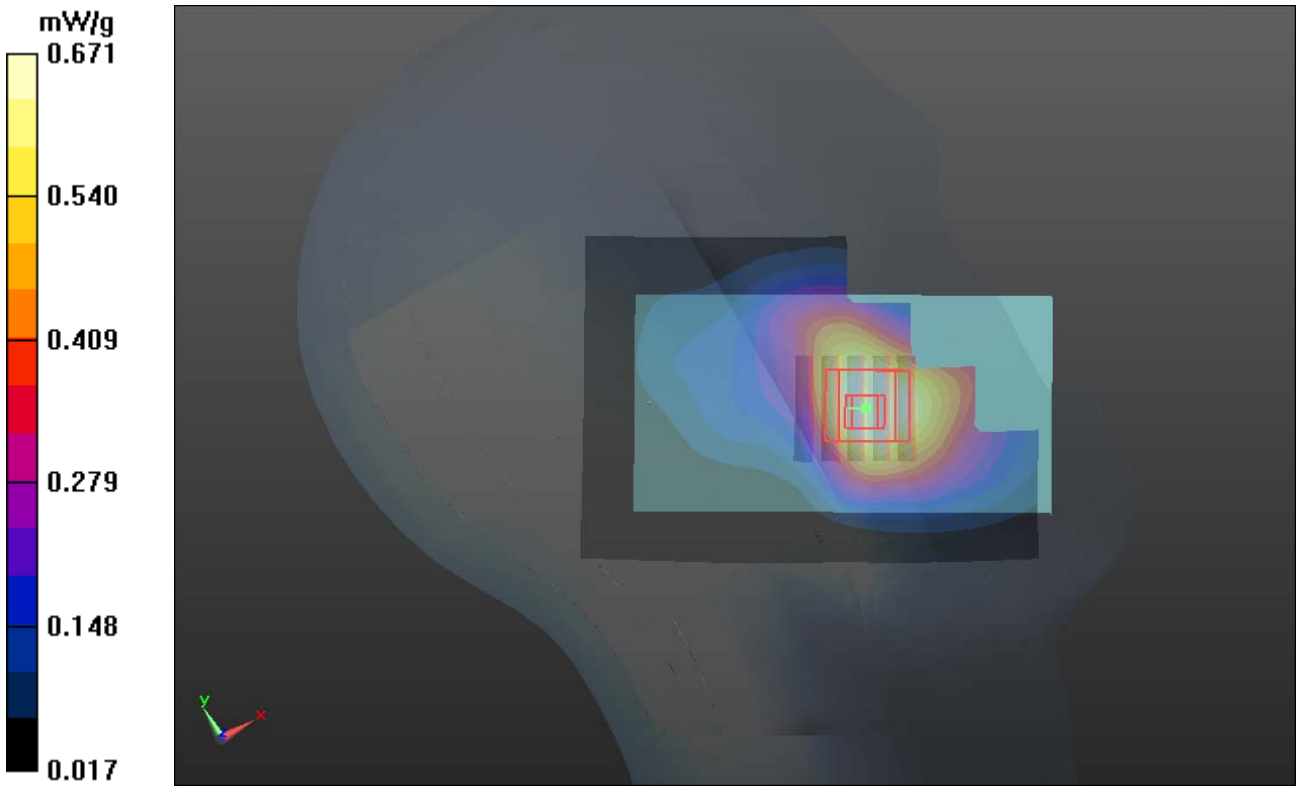
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0430 Medium parameters used: f = 1908 MHz; σ = 1.399 mho/m; ε_r = 39.498; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.748 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.357 V/m; Power Drift = 0.154 dB
Peak SAR (extrapolated) = 0.797 mW/g
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.671 mW/g



P21 WCDMA II_RMC12.2K_Left Tilted_Ch9538_Sample1

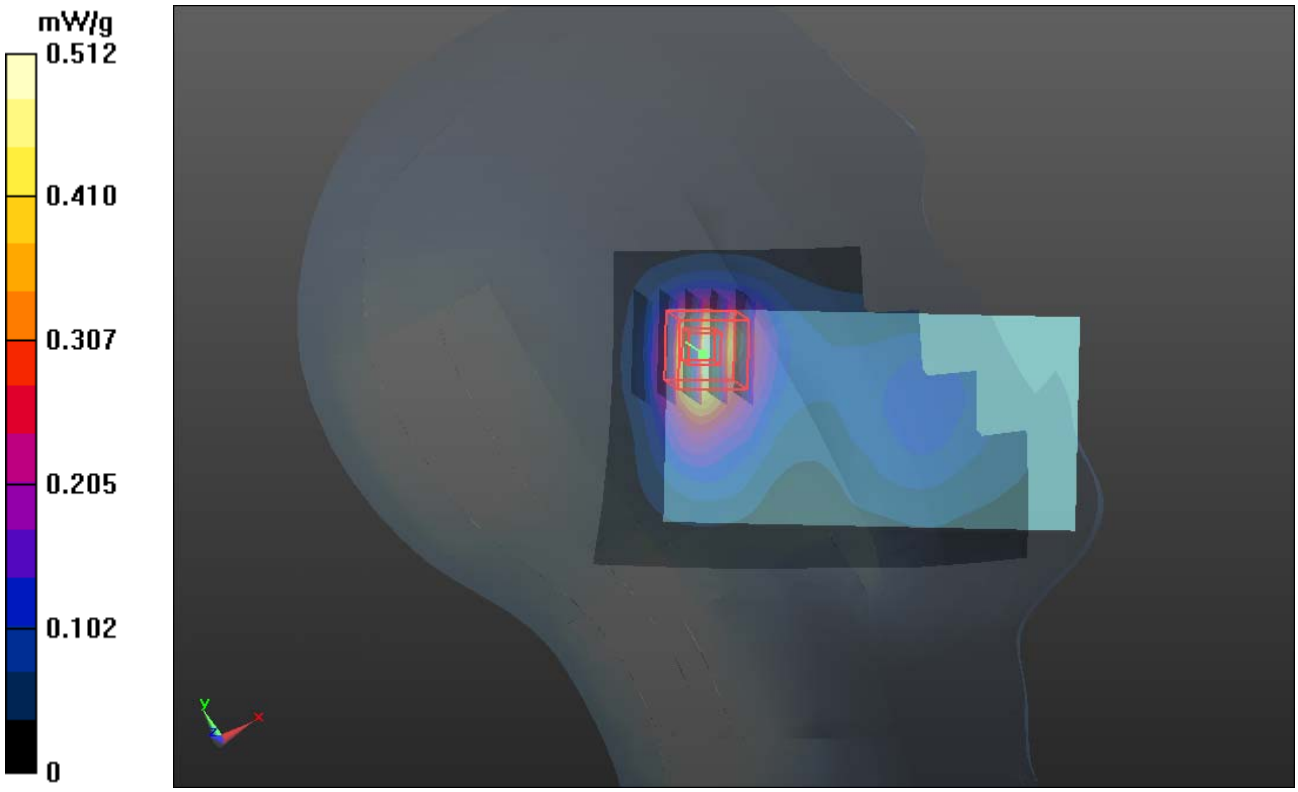
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0430 Medium parameters used: f = 1908 MHz; σ = 1.399 mho/m; ε_r = 39.498; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

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

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.512 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.060 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.646 mW/g
SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.460 mW/g



P22 WCDMA II_RMC12.2K_Right Cheek_Ch9538_Sample2

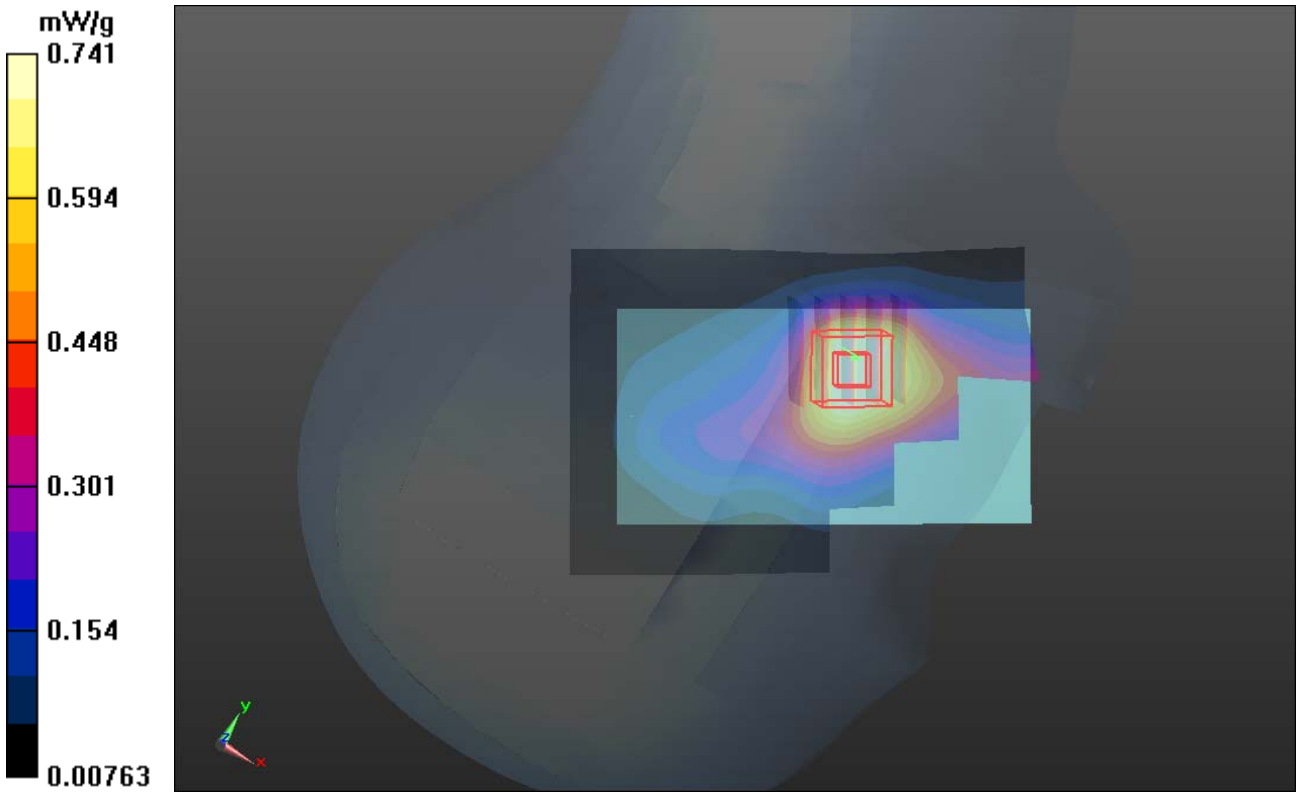
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0430 Medium parameters used: f = 1908 MHz; σ = 1.399 mho/m; ε_r = 39.498; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

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

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.815 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.326 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.896 mW/g
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.371 mW/g
Maximum value of SAR (measured) = 0.741 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/05/04

P81 802.11b_Right Cheek_Ch11_Sample1

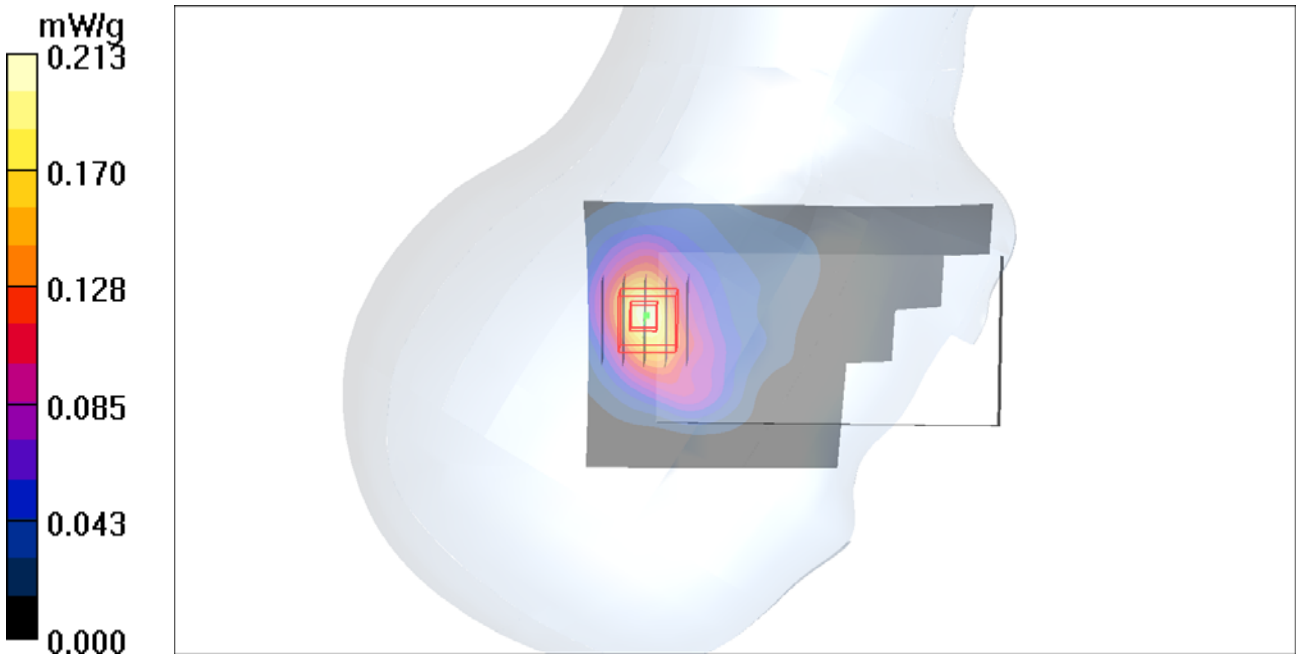
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0504 Medium parameters used: f = 2462 MHz; σ = 1.83 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.207 mW/g



P82 802.11b_Right Tilted_Ch11_Sample1

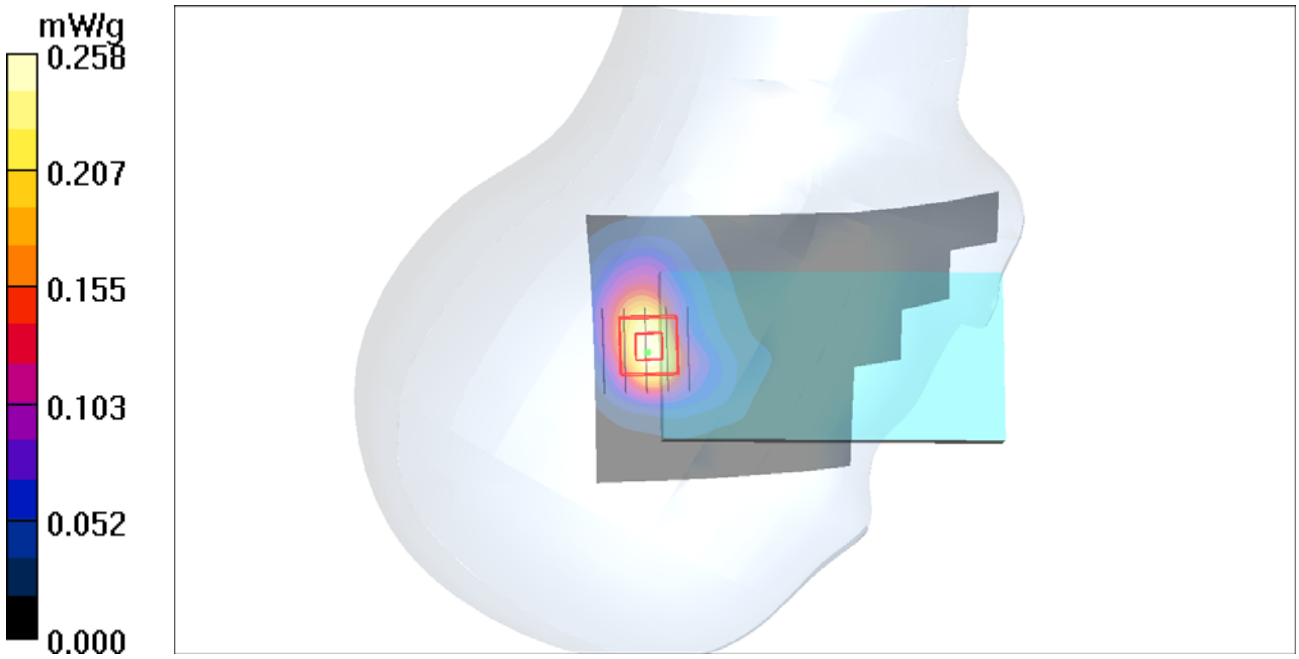
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0504 Medium parameters used: f = 2462 MHz; σ = 1.83 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.258 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.271 mW/g



P83 802.11b_Left Cheek_Ch11_Sample1

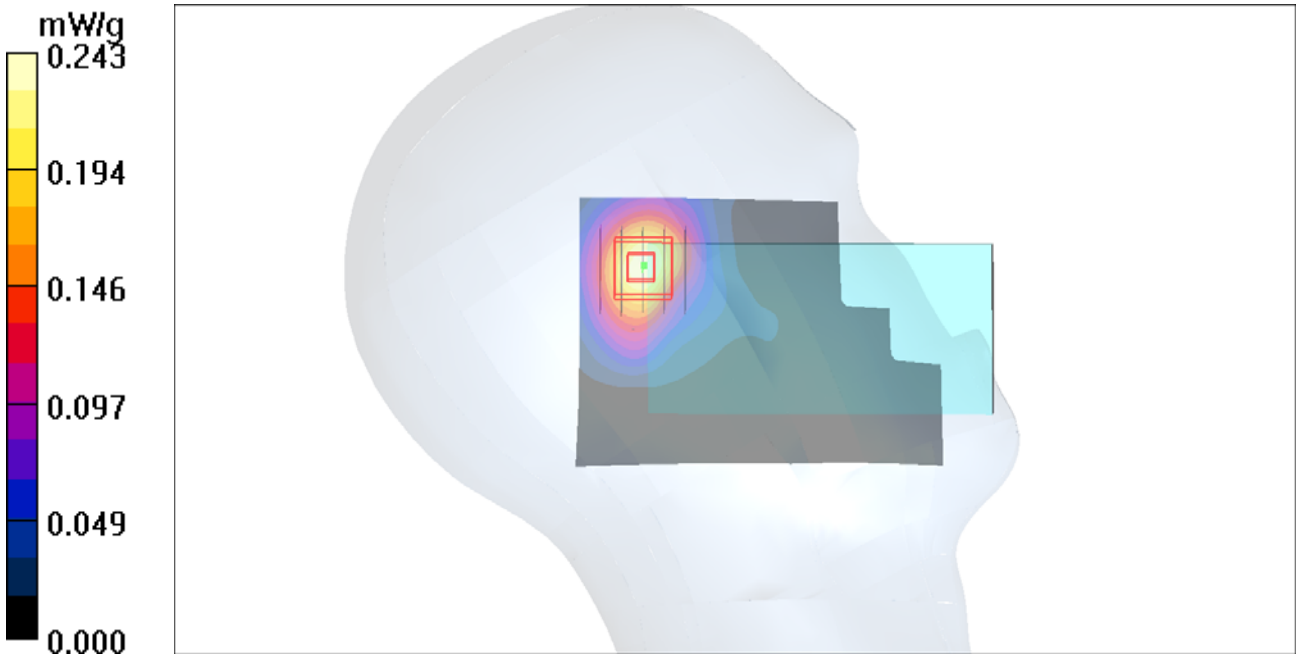
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0504 Medium parameters used: f = 2462 MHz; σ = 1.83 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.71 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.221 mW/g



P84 802.11b_Left Tilted_Ch11_Sample1

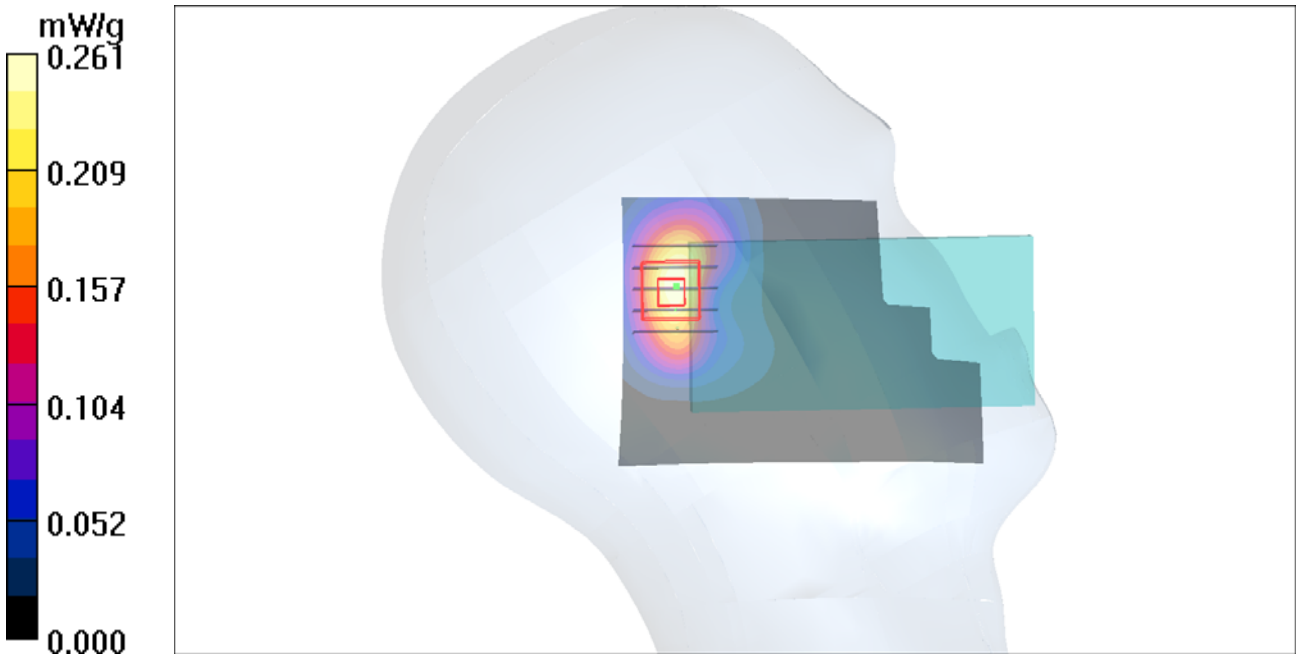
DUT: 120425C07

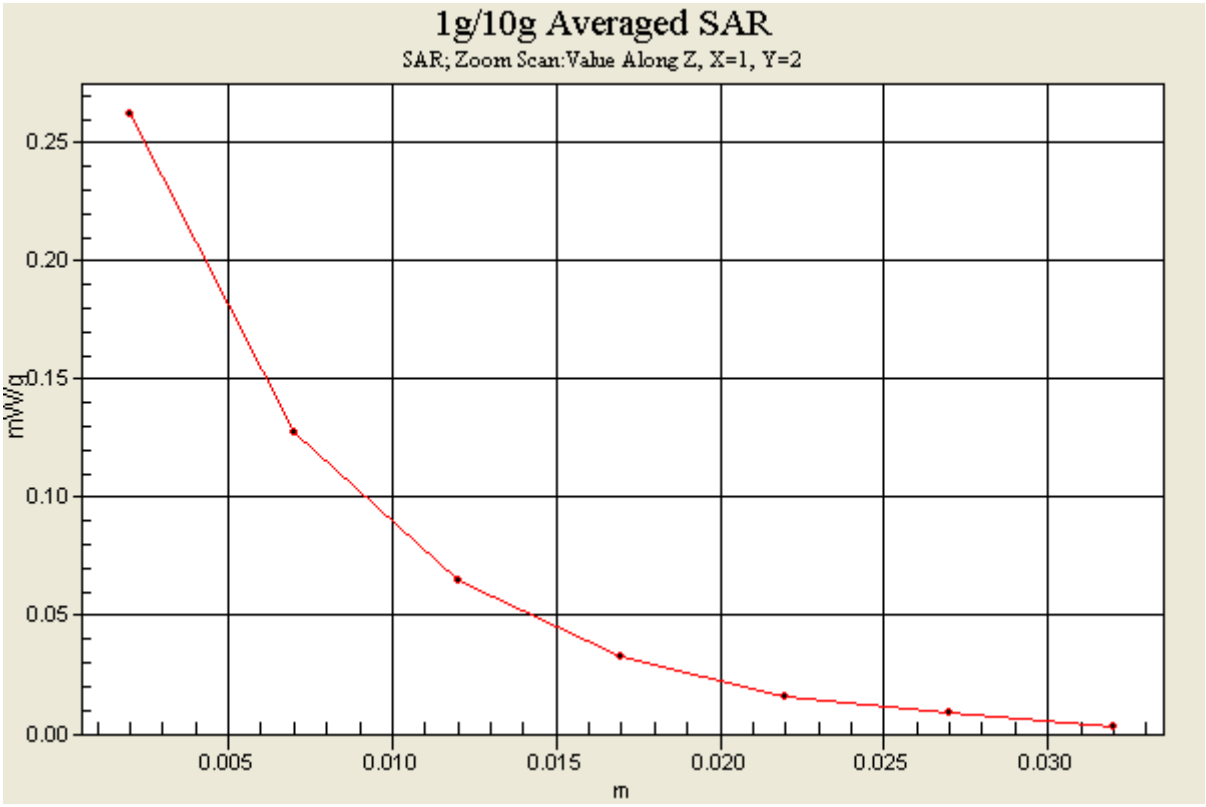
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0504 Medium parameters used: f = 2462 MHz; σ = 1.83 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.262 mW/g




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

P85 802.11b_Left Tilted_Ch11_Sample2

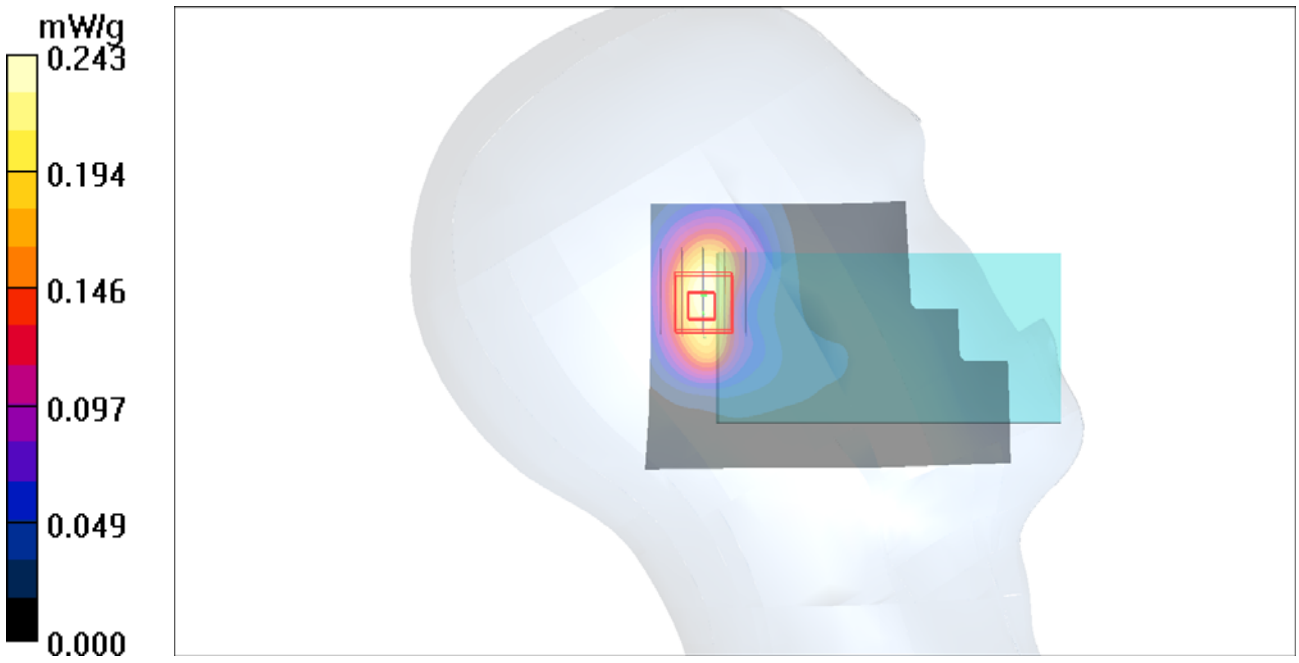
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0504 Medium parameters used: f = 2462 MHz; σ = 1.83 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.9 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.160 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



P23 GSM850_GPRS11_Front Face_1cm_Ch251_Sample1

DUT: 120425C07

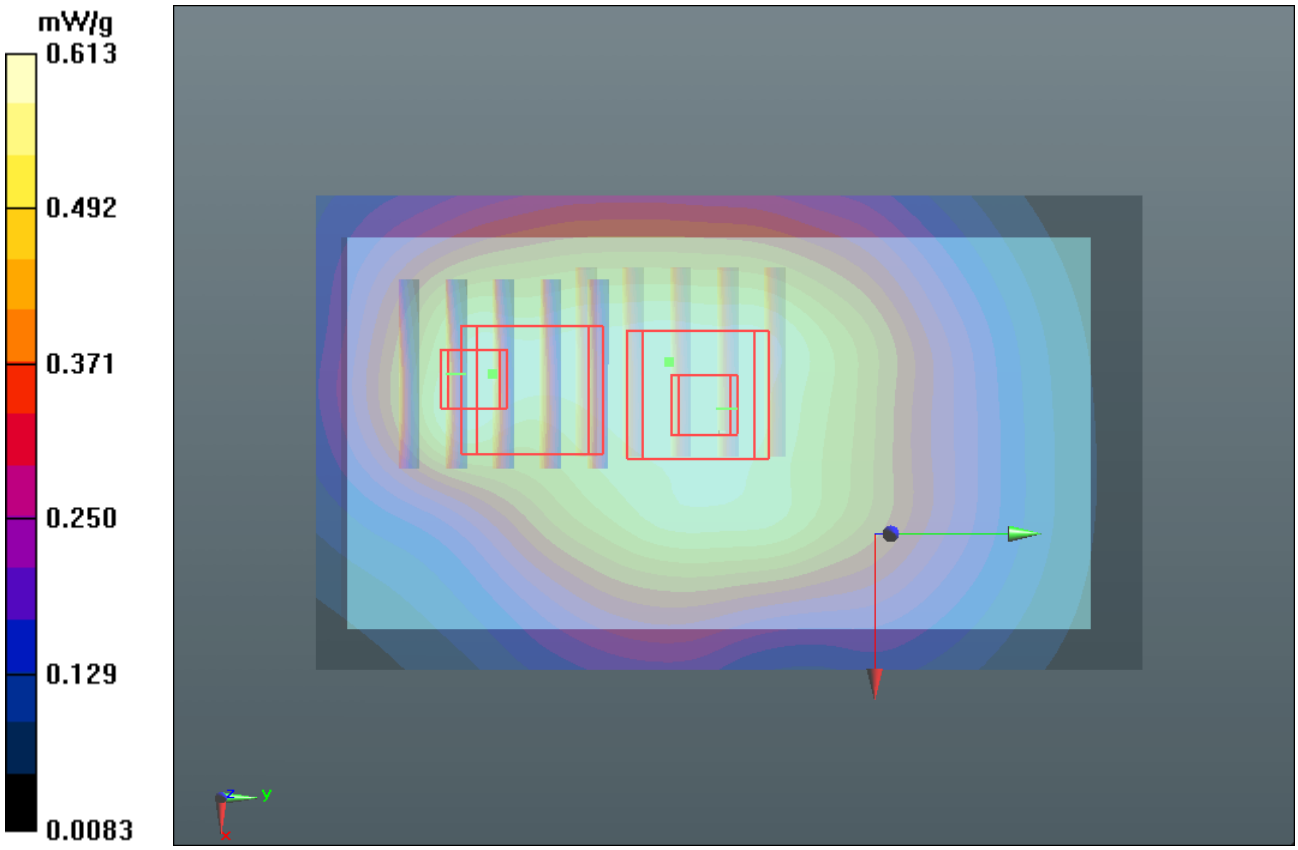
Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.613 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.442 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.670 mW/g
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.601 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.442 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.686 mW/g
SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.612 mW/g



P24 GSM850_GPRS11_Rear Face_1cm_Ch251_Sample1

DUT: 120425C07

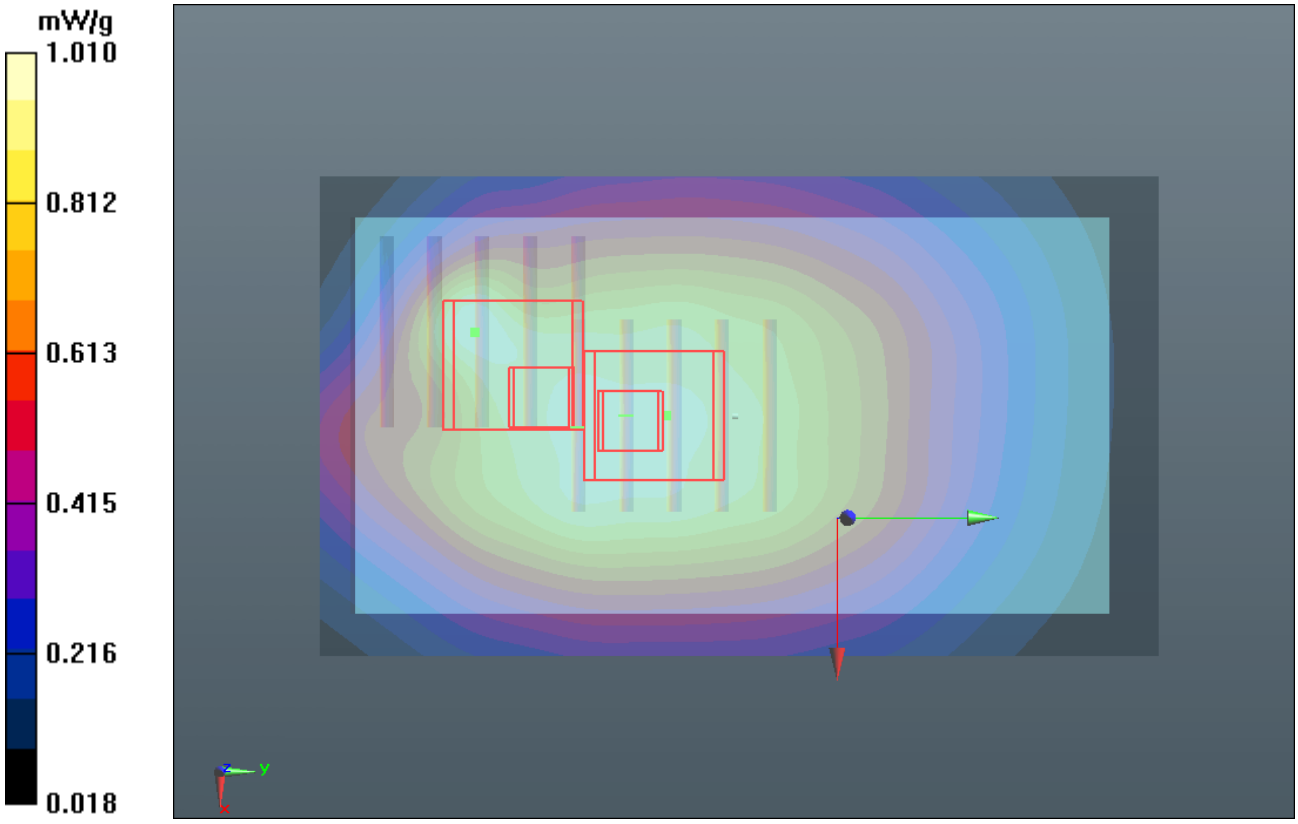
Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

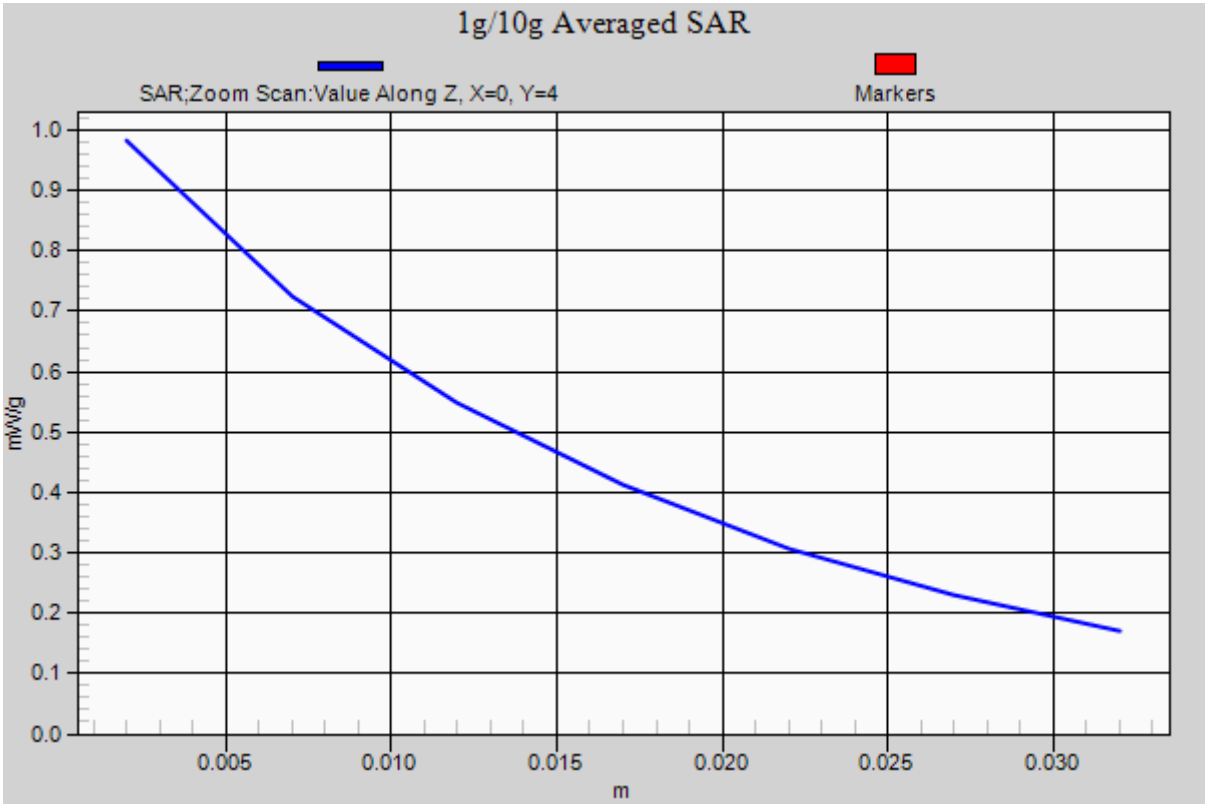
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.788 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.106 mW/g
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.649 mW/g
Maximum value of SAR (measured) = 0.985 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.788 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.219 mW/g
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.512 mW/g
Maximum value of SAR (measured) = 0.982 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=0, Y=4
Markers
mW/g
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

P25 GSM850_GPRS11_Left Side_1cm_Ch251_Sample1

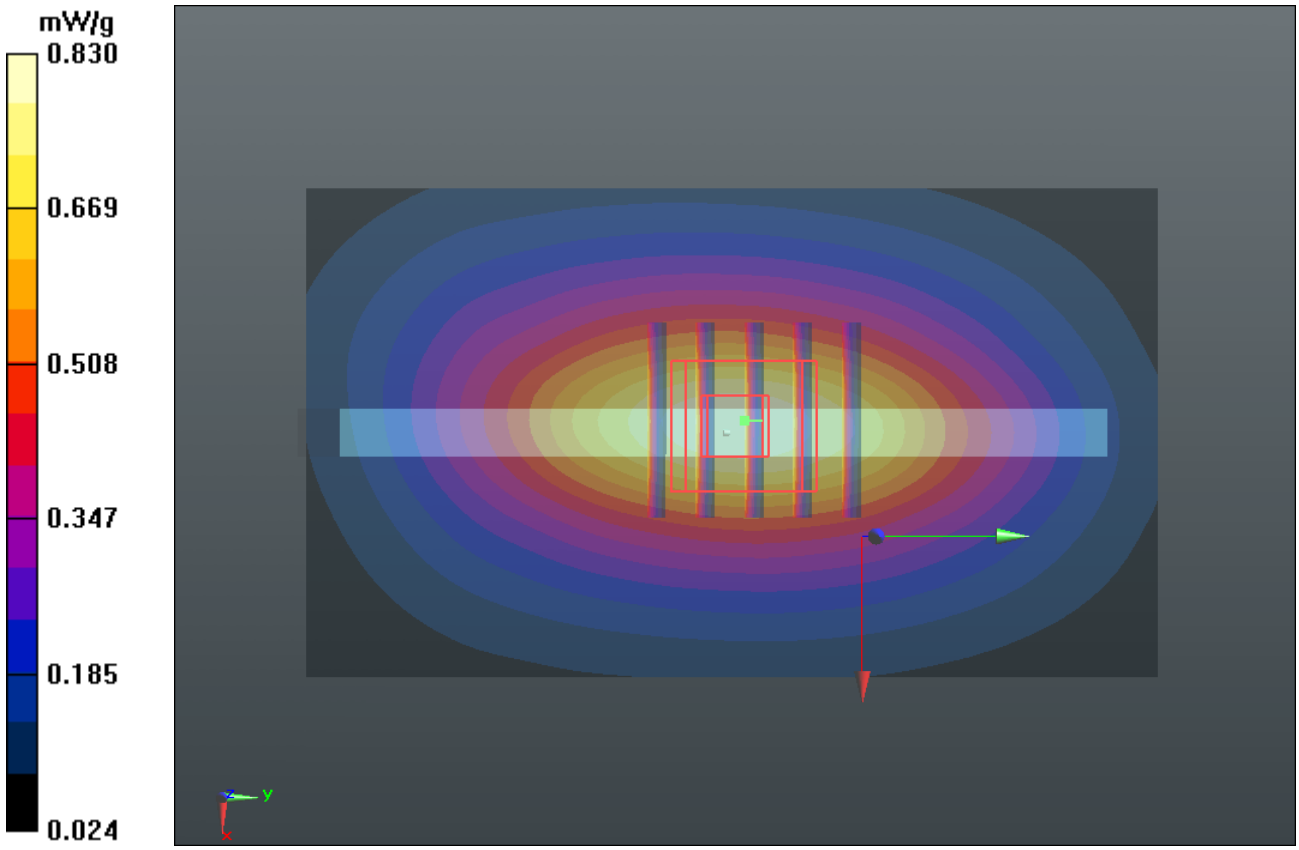
DUT: 120425C07

Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.830 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.032 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.964 mW/g
SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



P26 GSM850_GPRS11_Right Side_1cm_Ch251_Sample1

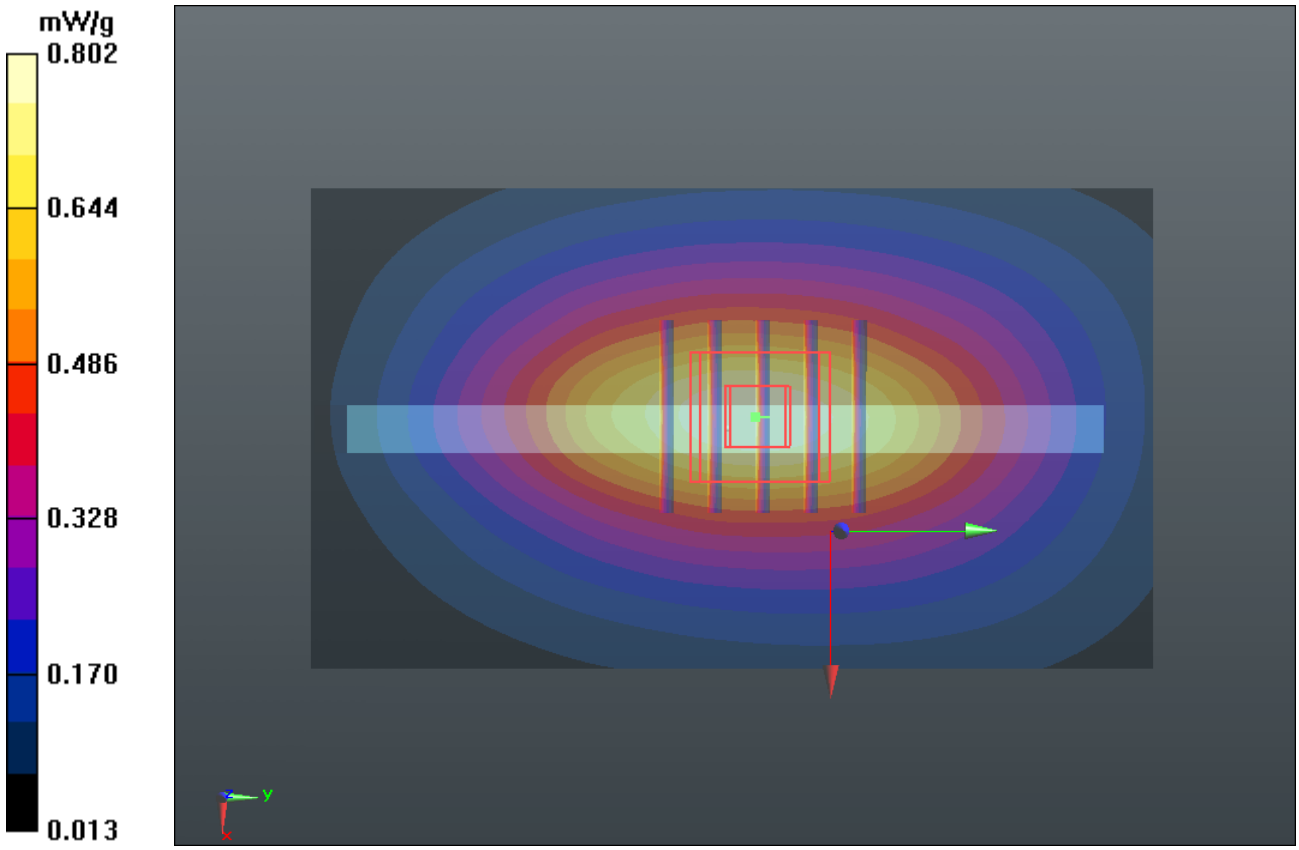
DUT: 120425C07

Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.802 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.436 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.943 mW/g
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.448 mW/g
Maximum value of SAR (measured) = 0.811 mW/g



P28 GSM850_GPRS11_Bottom Side_1cm_Ch251_Sample1

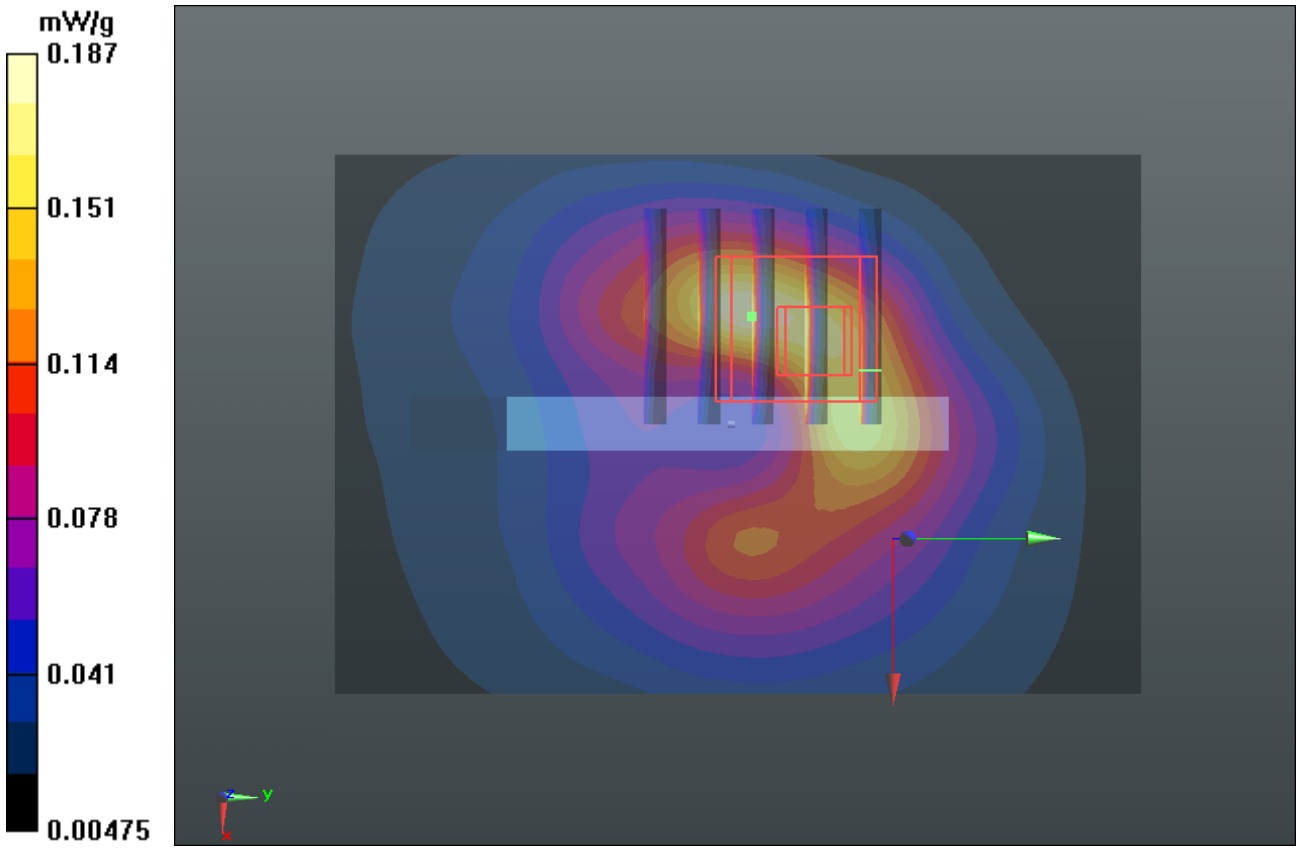
DUT: 120425C07

Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.187 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.496 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.300 mW/g
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



P79 GSM850_GPRS11_Rear Face_1cm_Ch128_Sample1

DUT: 120425C07

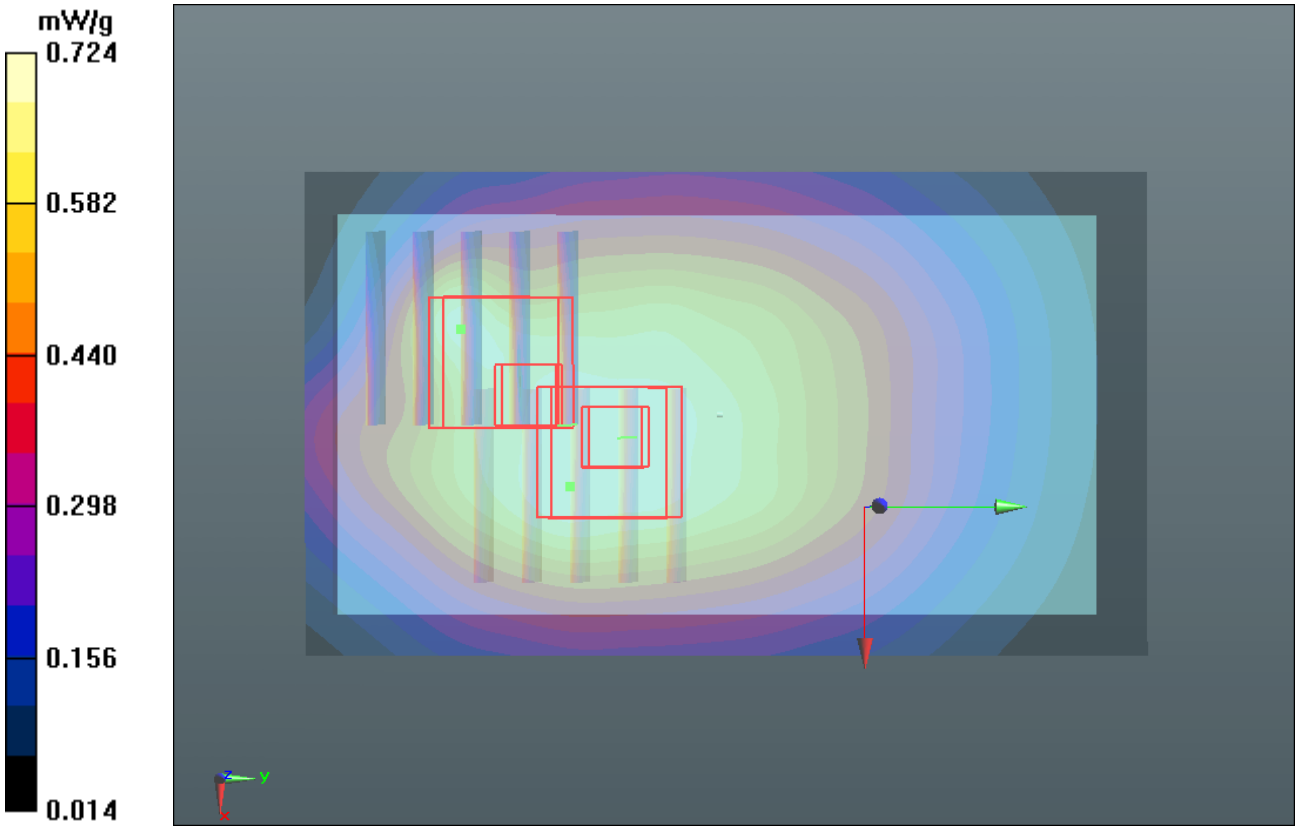
Communication System: GPRS11; Frequency: 824.2 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 824.2 MHz; σ = 0.982 mho/m; ε_r = 55.725; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.724 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.057 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.827 mW/g
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 0.730 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.057 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.802 mW/g
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.356 mW/g
Maximum value of SAR (measured) = 0.715 mW/g



P80 GSM850_GPRS11_Rear Face_1cm_Ch189_Sample1

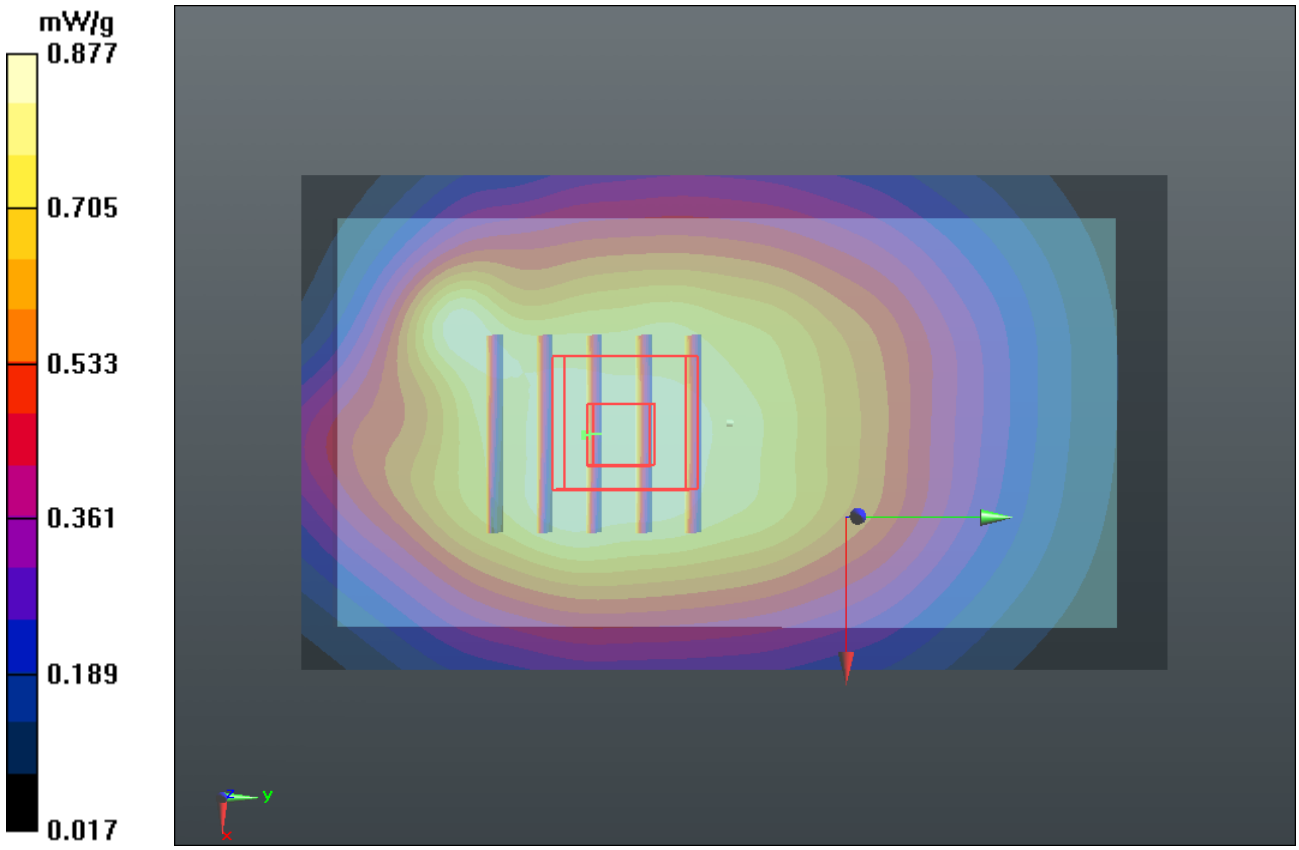
DUT: 120425C07

Communication System: GPRS11; Frequency: 836.4 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 836.4 MHz; σ = 0.993 mho/m; ε_r = 55.599; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch189/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.877 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.715 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.004 mW/g
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.585 mW/g
Maximum value of SAR (measured) = 0.901 mW/g



P30 GSM850_GPRS11_Rear Face_1cm_Ch251_Sample2

DUT: 120425C07

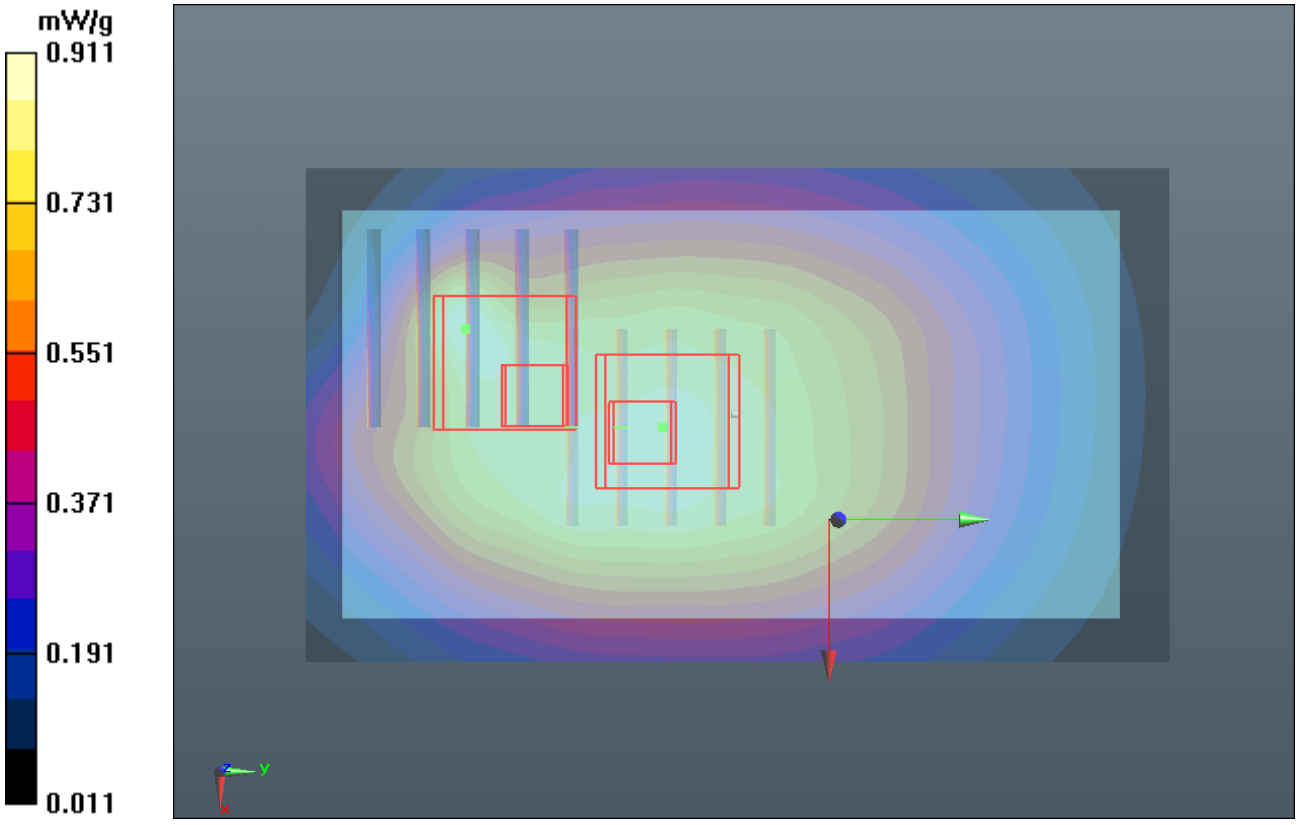
Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.911 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.583 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.984 mW/g
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.577 mW/g
Maximum value of SAR (measured) = 0.882 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.583 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.974 mW/g
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 0.851 mW/g



P31 GSM850_GPRS11_Front Face_1cm_Ch251_Sample1_Earphone1

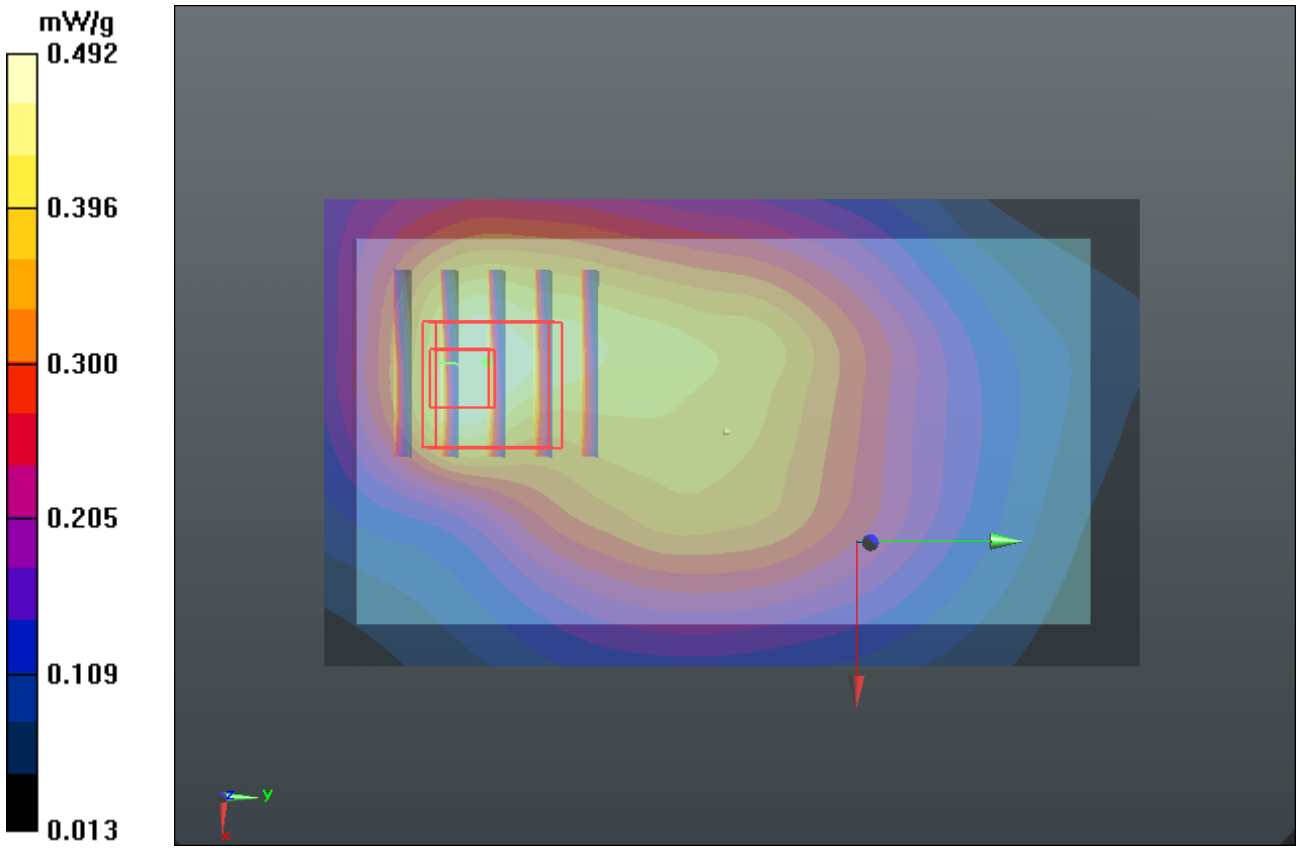
DUT: 120425C07

Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.492 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.678 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.597 mW/g
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.526 mW/g



P32 GSM850_GPRS11_Rear Face_1cm_Ch251_Sample1_Earphone1

DUT: 120425C07

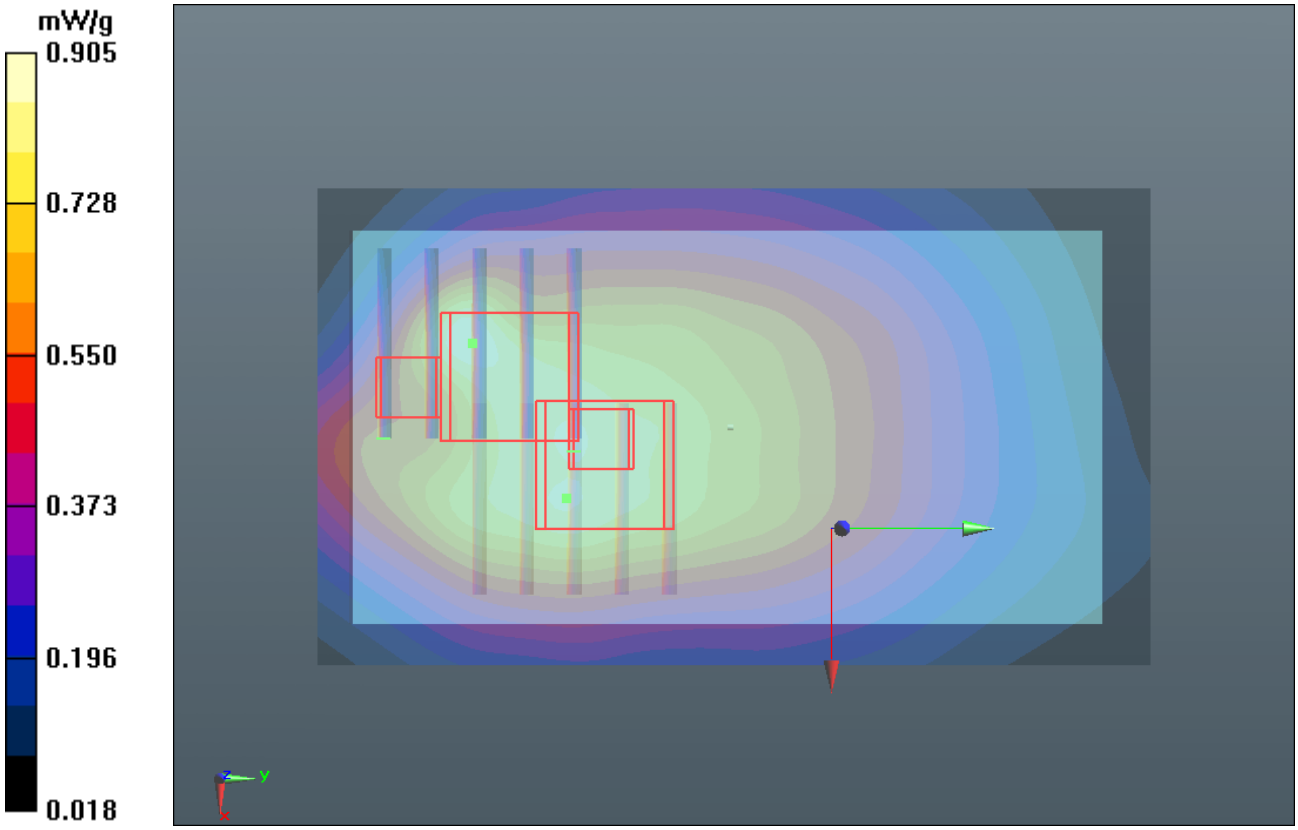
Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.905 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.762 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.997 mW/g
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 0.868 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.762 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.284 mW/g
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.994 mW/g



P33 GSM850_GPRS11_Rear Face_1cm_Ch251_Sample2_Earphone2

DUT: 120425C07

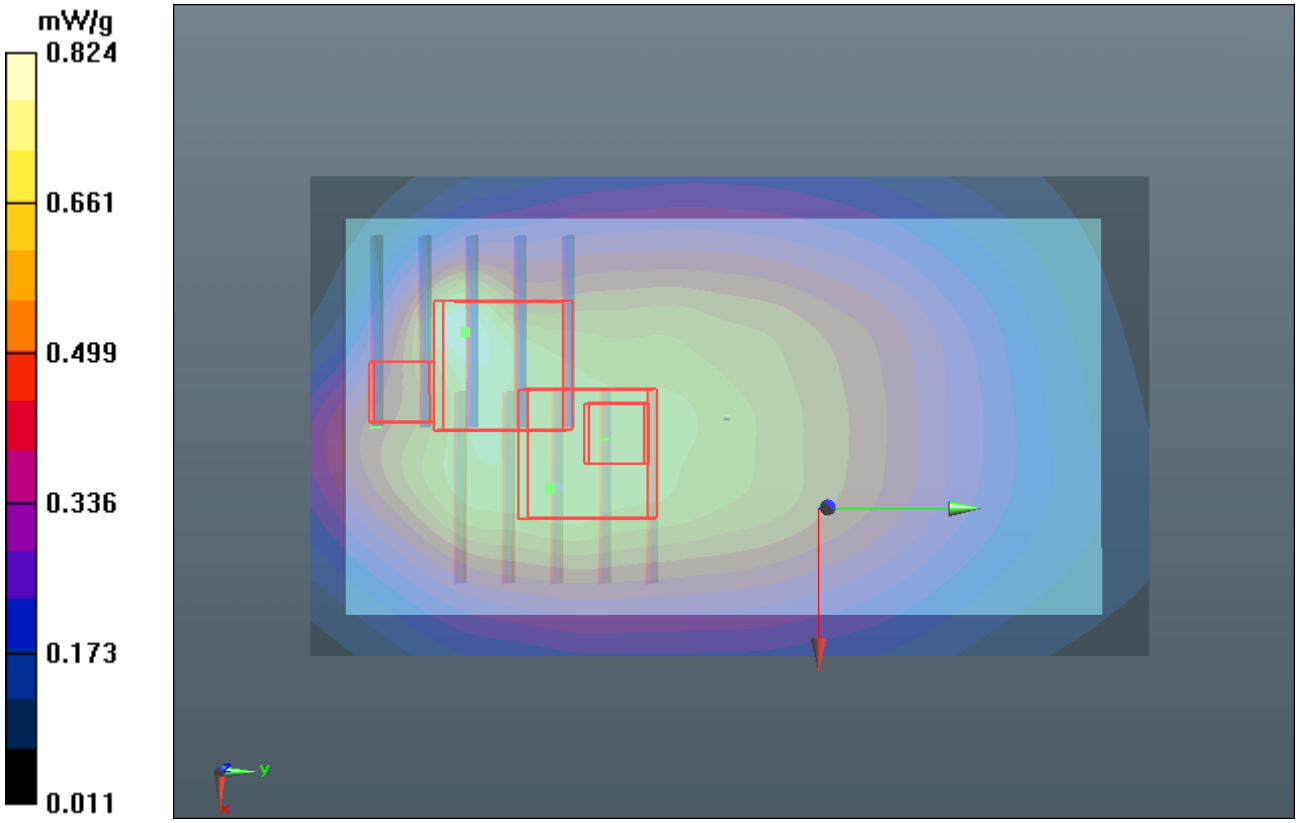
Communication System: GPRS11; Frequency: 848.8 MHz;Duty Cycle: 1:2.66686
Medium: B835_0429 Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch251/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.824 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.608 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.837 mW/g
SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.734 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.608 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.007 mW/g
SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.785 mW/g



P34 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1

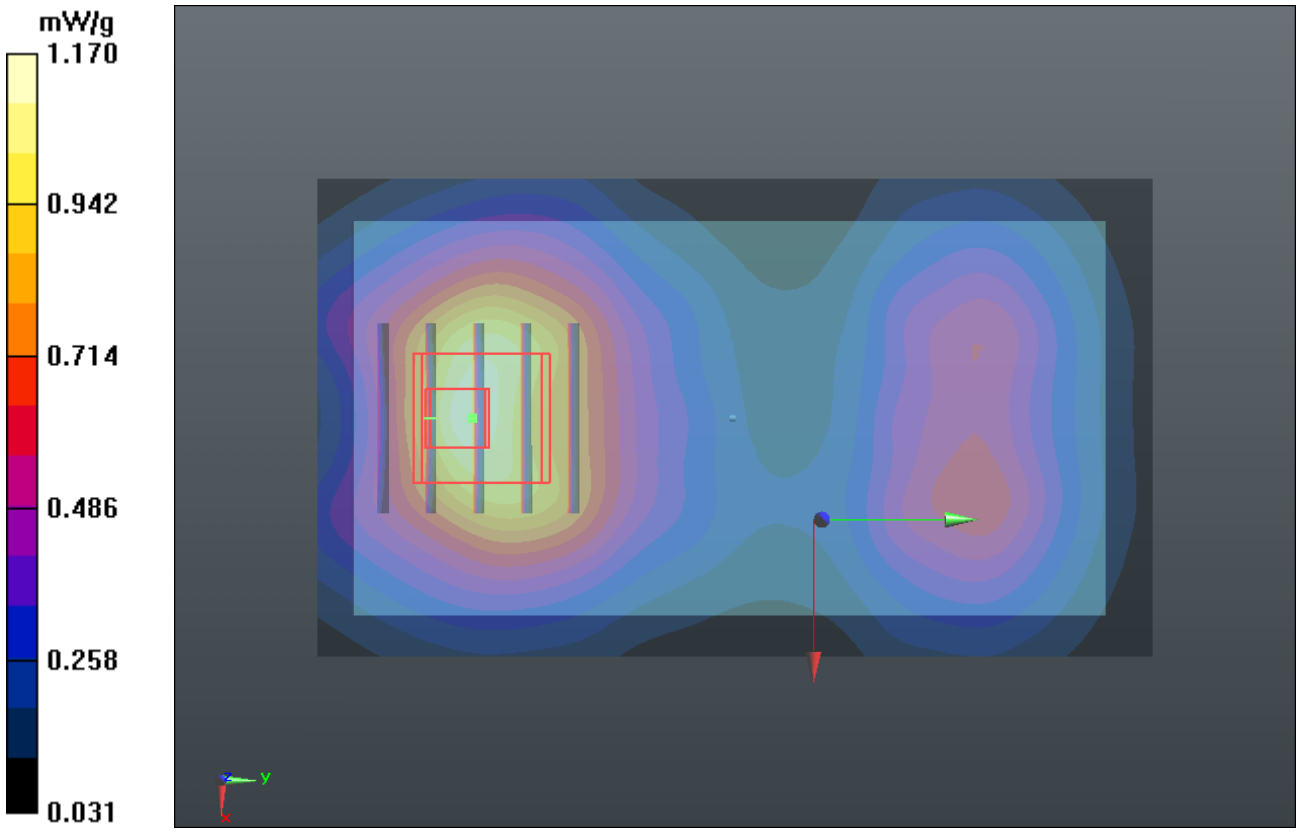
DUT: 120425C07

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.003 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.147 mW/g
SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.560 mW/g
Maximum value of SAR (measured) = 0.984 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/28

P35 GSM1900_GPRS10_Rear Face_1cm_Ch661_Sample1

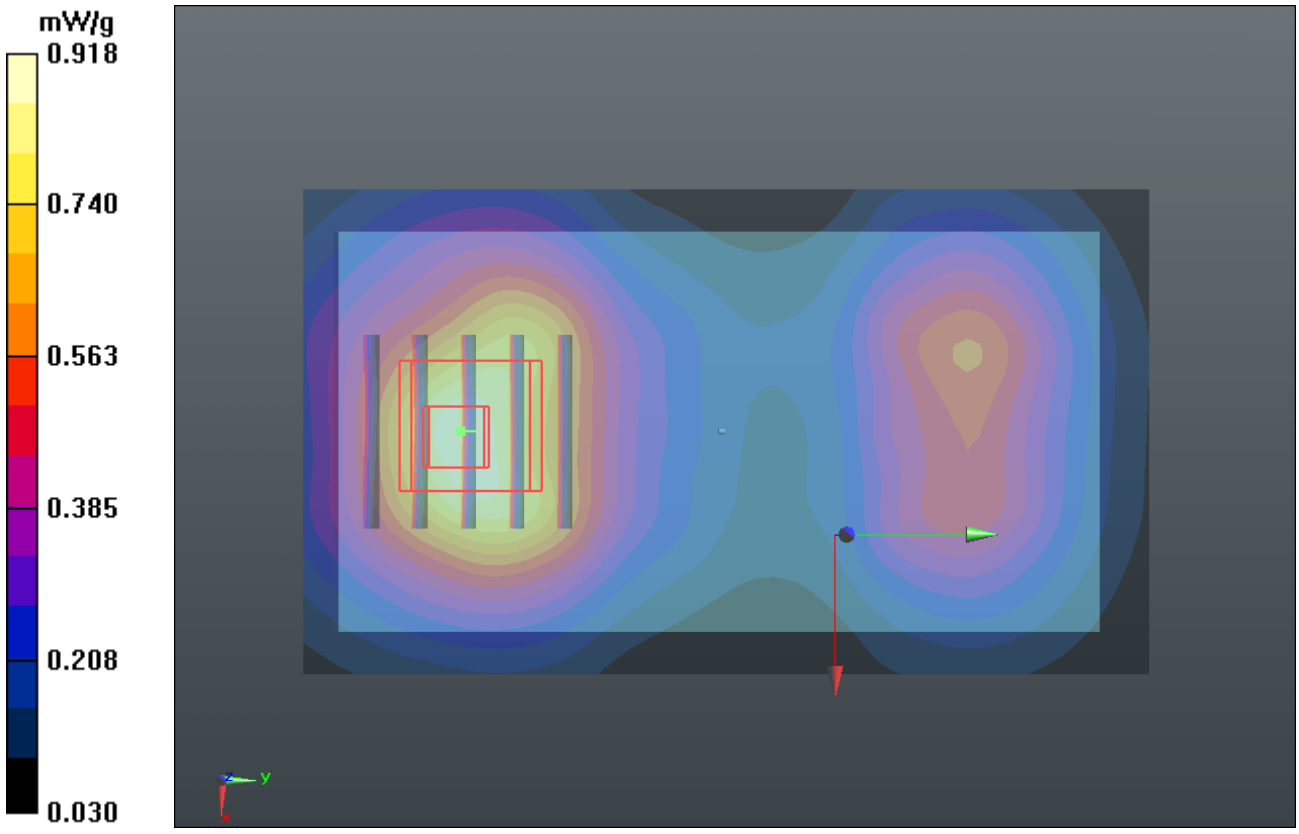
DUT: 120425C07

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.918 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.363 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.975 mW/g
SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.841 mW/g



P36 GSM1900_GPRS10_Left Side_1cm_Ch661_Sample1

DUT: 120425C07

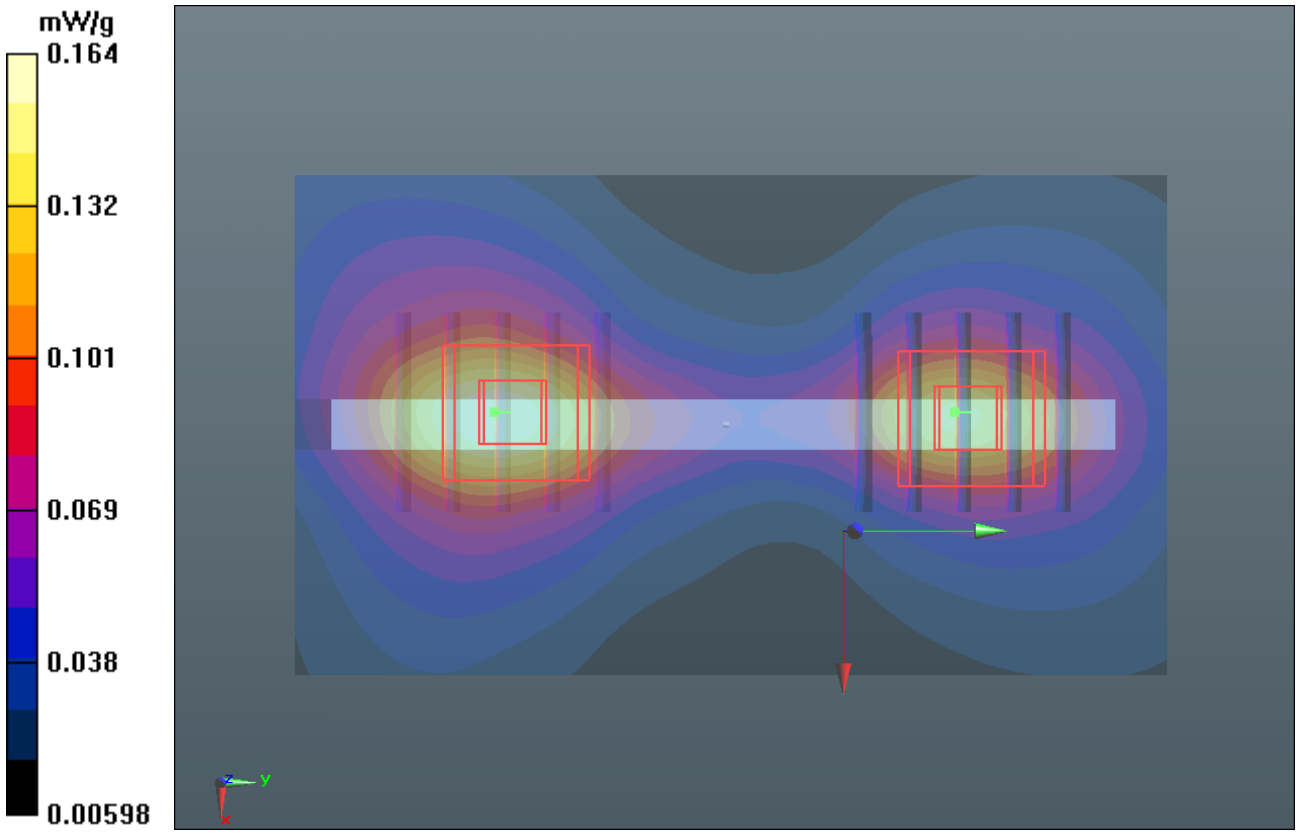
Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.164 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.829 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.200 mW/g
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.829 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.179 mW/g
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.146 mW/g



P37 GSM1900_GPRS10_Right Side_1cm_Ch661_Sample1

DUT: 120425C07

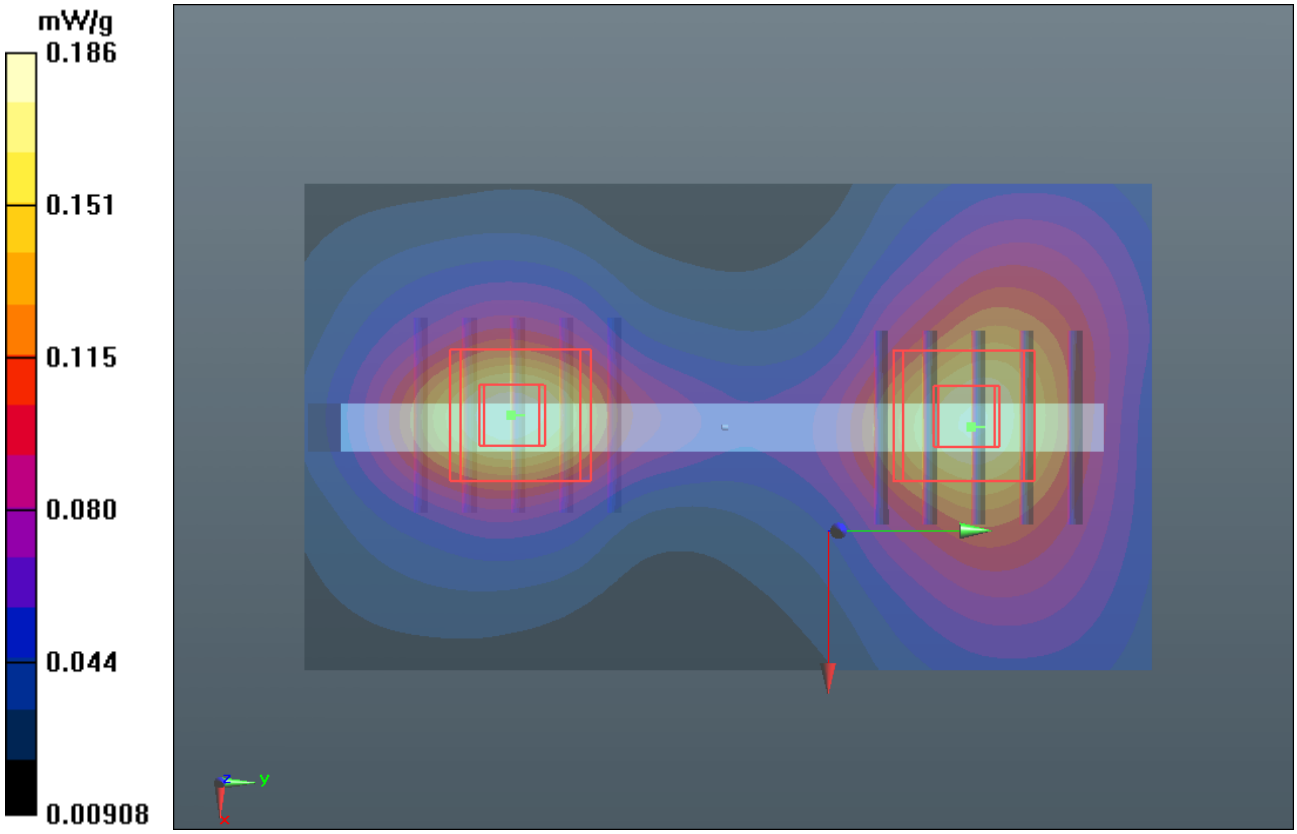
Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.644 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.213 mW/g
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.180 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.644 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



P39 GSM1900_GPRS10_Bottom Side_1cm_Ch661_Sample1

DUT: 120425C07

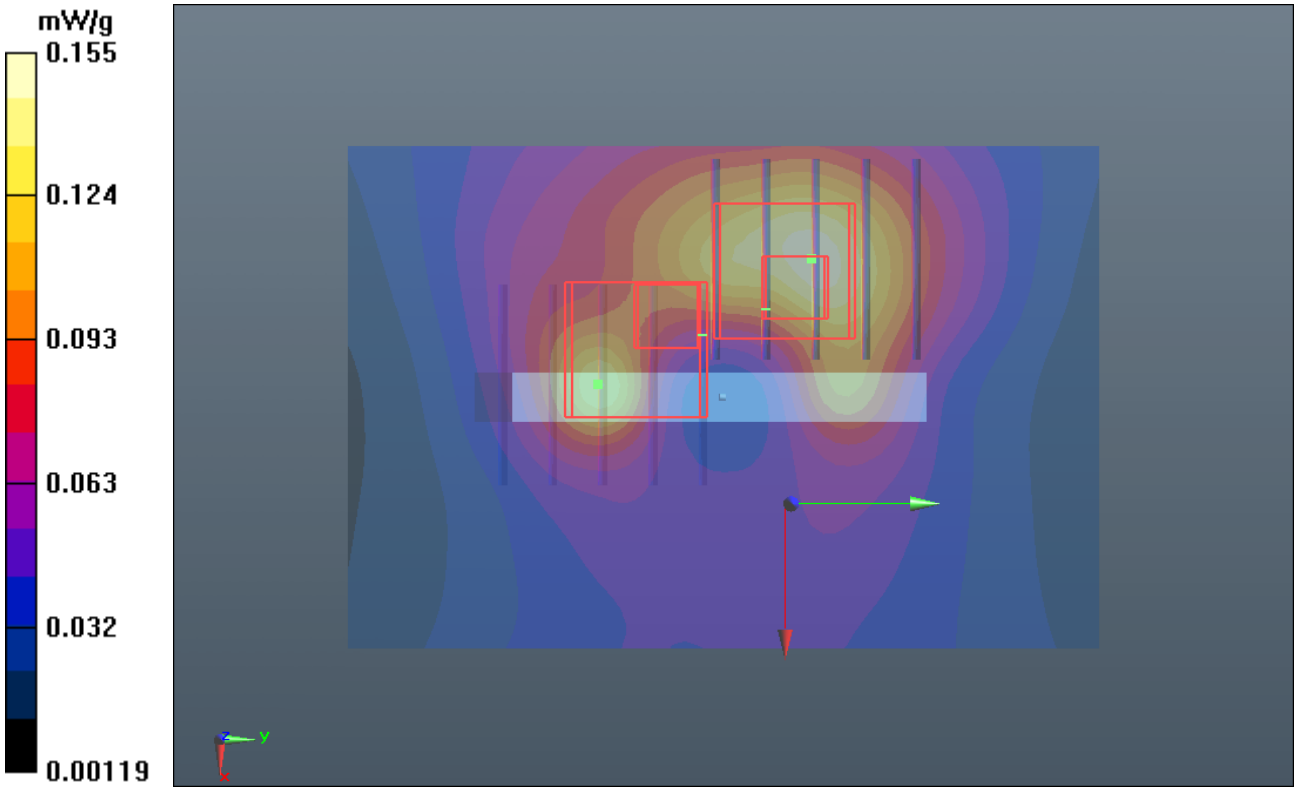
Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.152 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.675 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.177 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.155 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.675 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.164 mW/g
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.129 mW/g



P67 GSM1900_GPRS10_Front Face_1cm_Ch512_Sample1

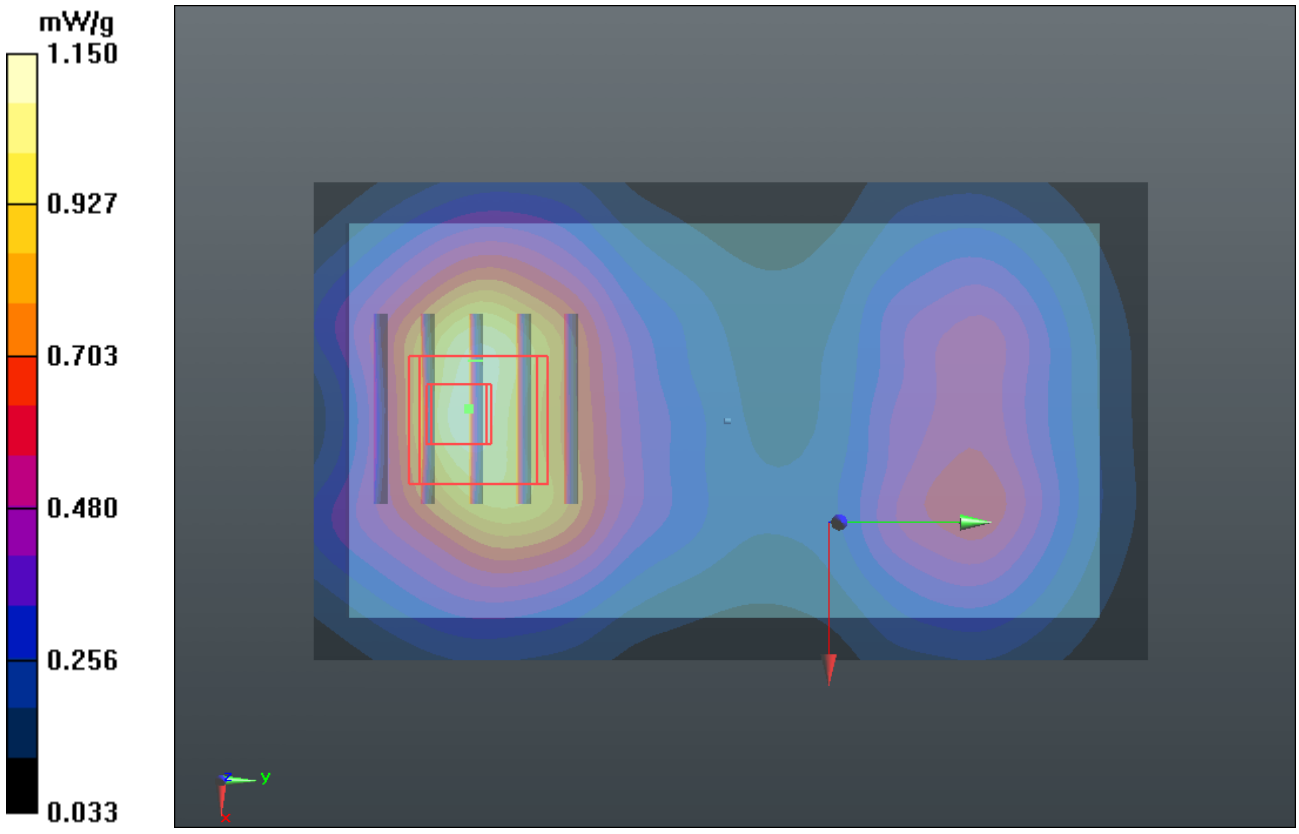
DUT: 120425C07

Communication System: GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 54.124; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch512/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.915 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.121 mW/g
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.552 mW/g
Maximum value of SAR (measured) = 0.971 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/28

P68 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample1

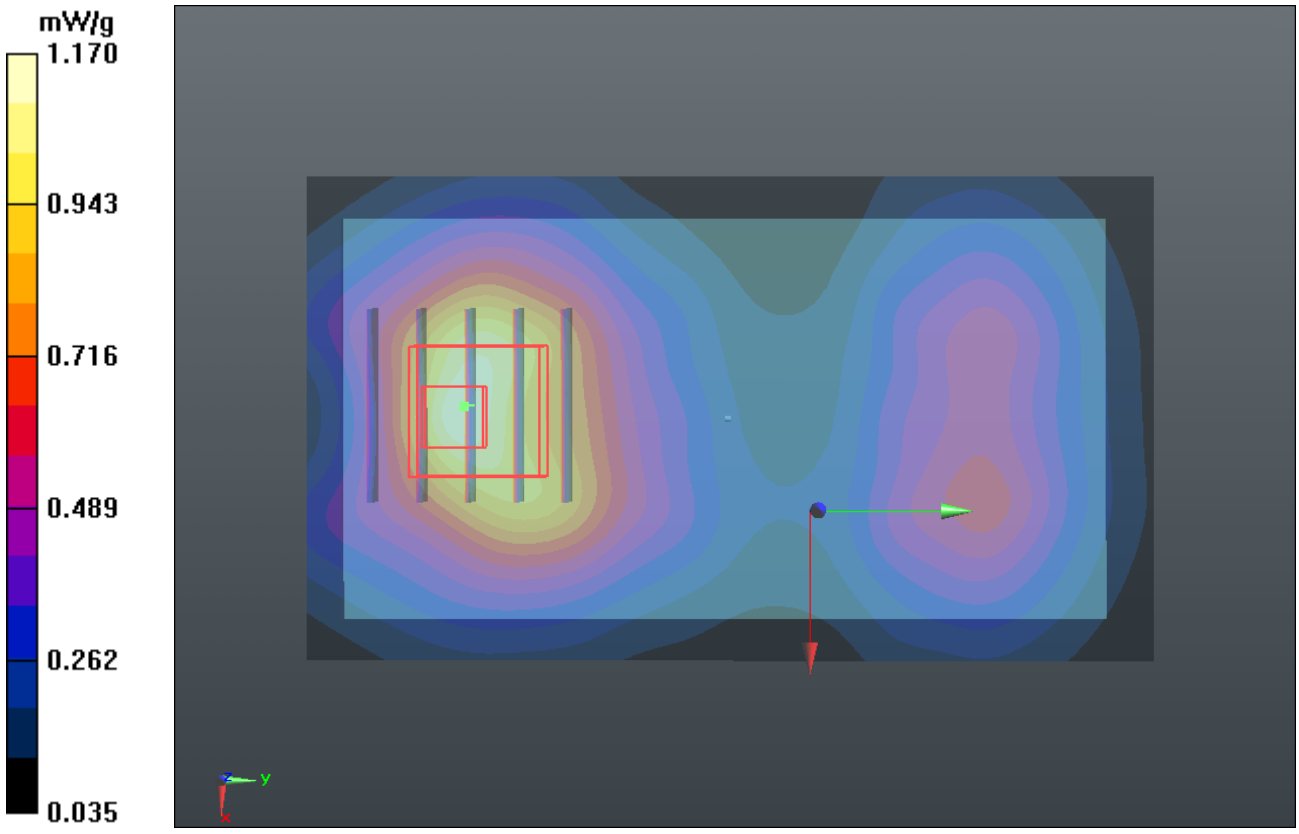
DUT: 120425C07

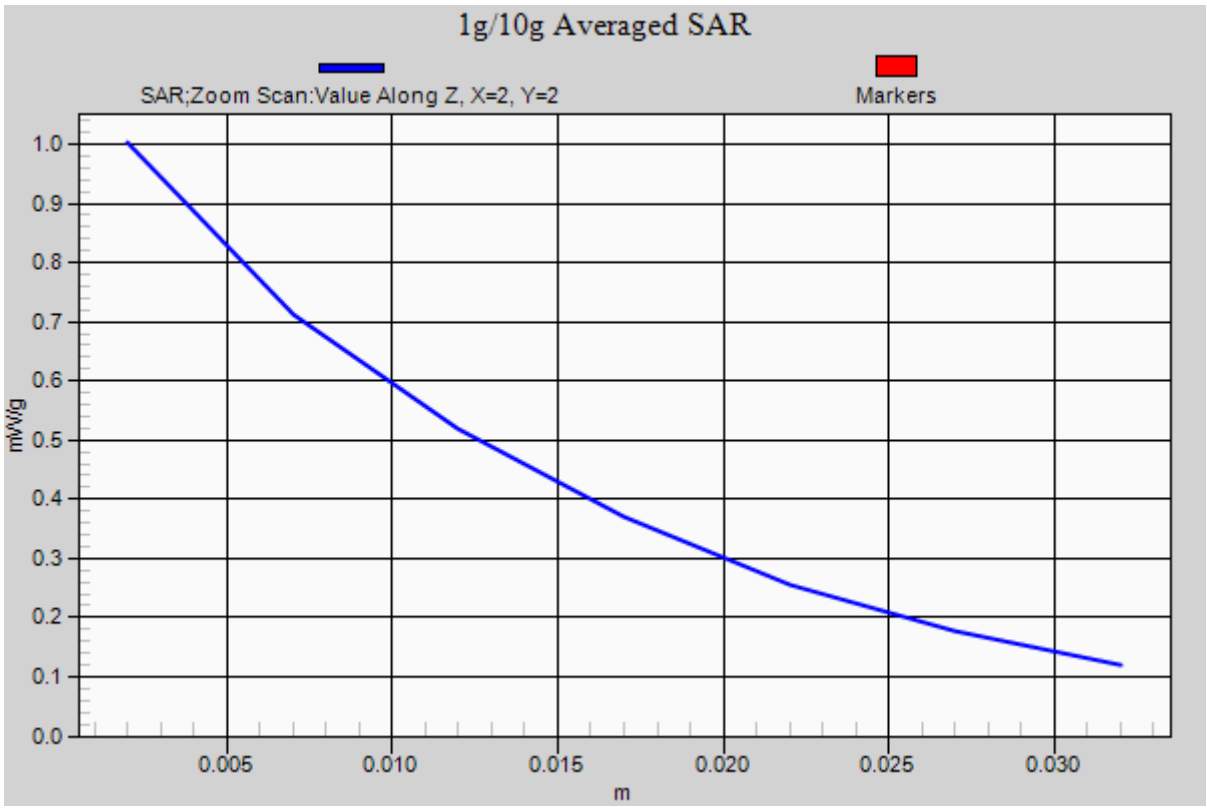
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.280 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.171 mW/g
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.555 mW/g
Maximum value of SAR (measured) = 1.00 mW/g




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

P41 GSM1900_GPRS10_Front Face_1cm_Ch810_Sample2

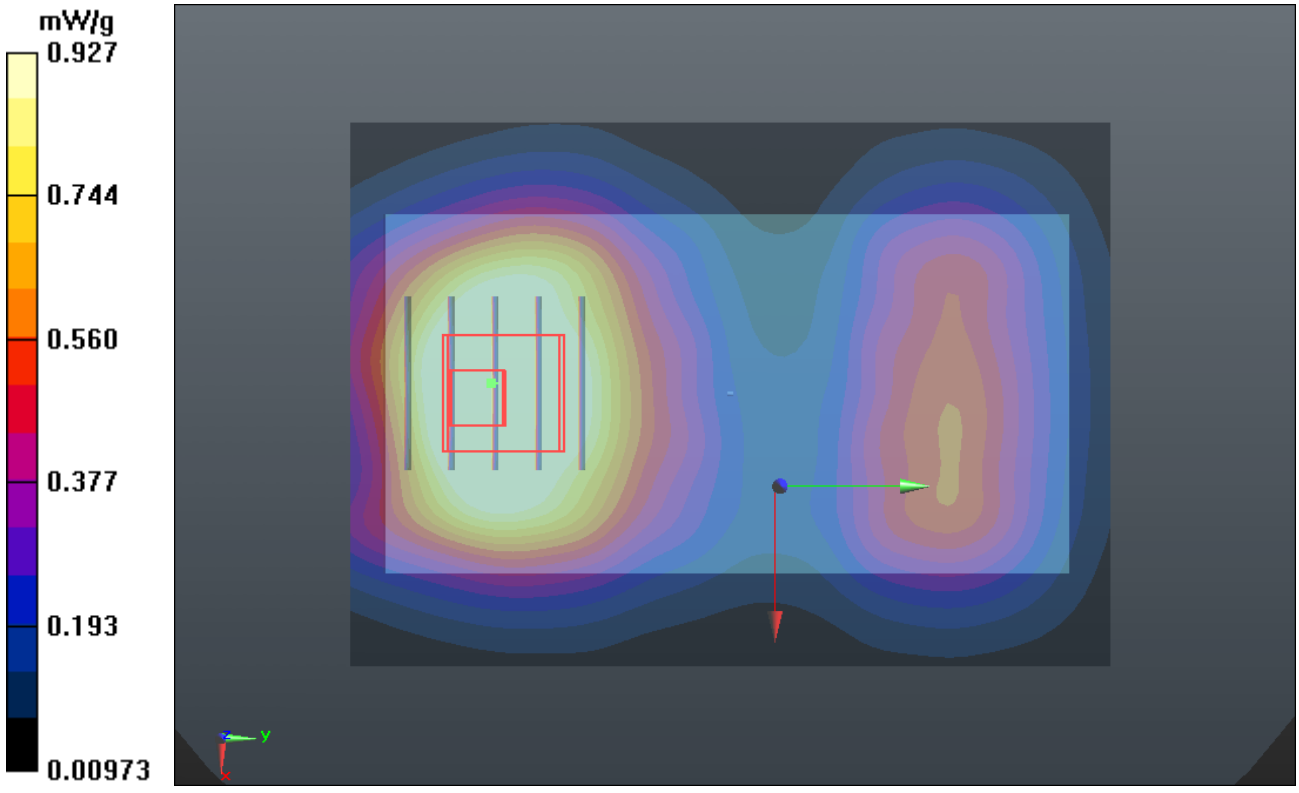
DUT: 120425C07

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1910 MHz; σ = 1.564 mho/m; ε_r = 53.933; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.274 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.080 mW/g
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.507 mW/g
Maximum value of SAR (measured) = 0.927 mW/g



P42 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1_Earphone1

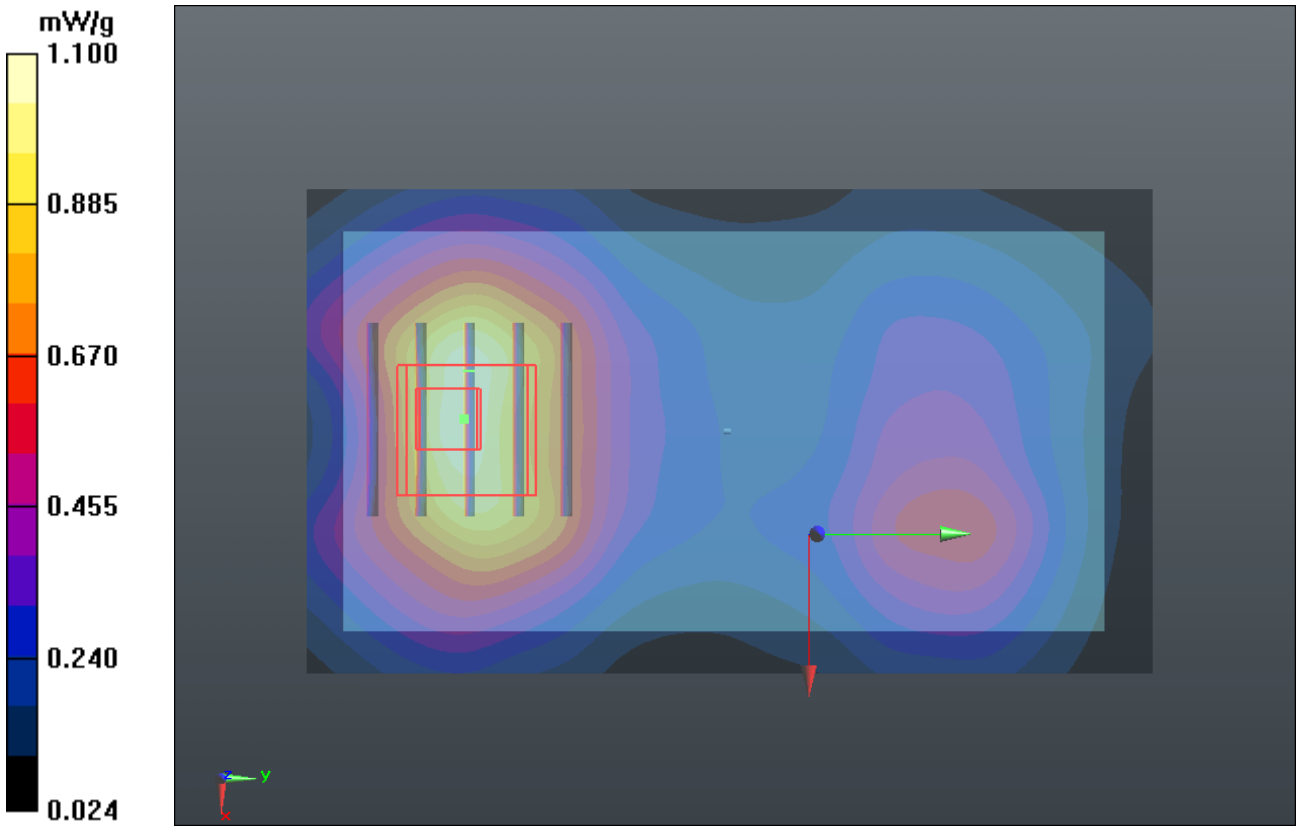
DUT: 120425C07

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.396 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.114 mW/g
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 0.969 mW/g



P43 GSM1900_GPRS10_Rear Face_1cm_Ch661_Sample1_Earphone1

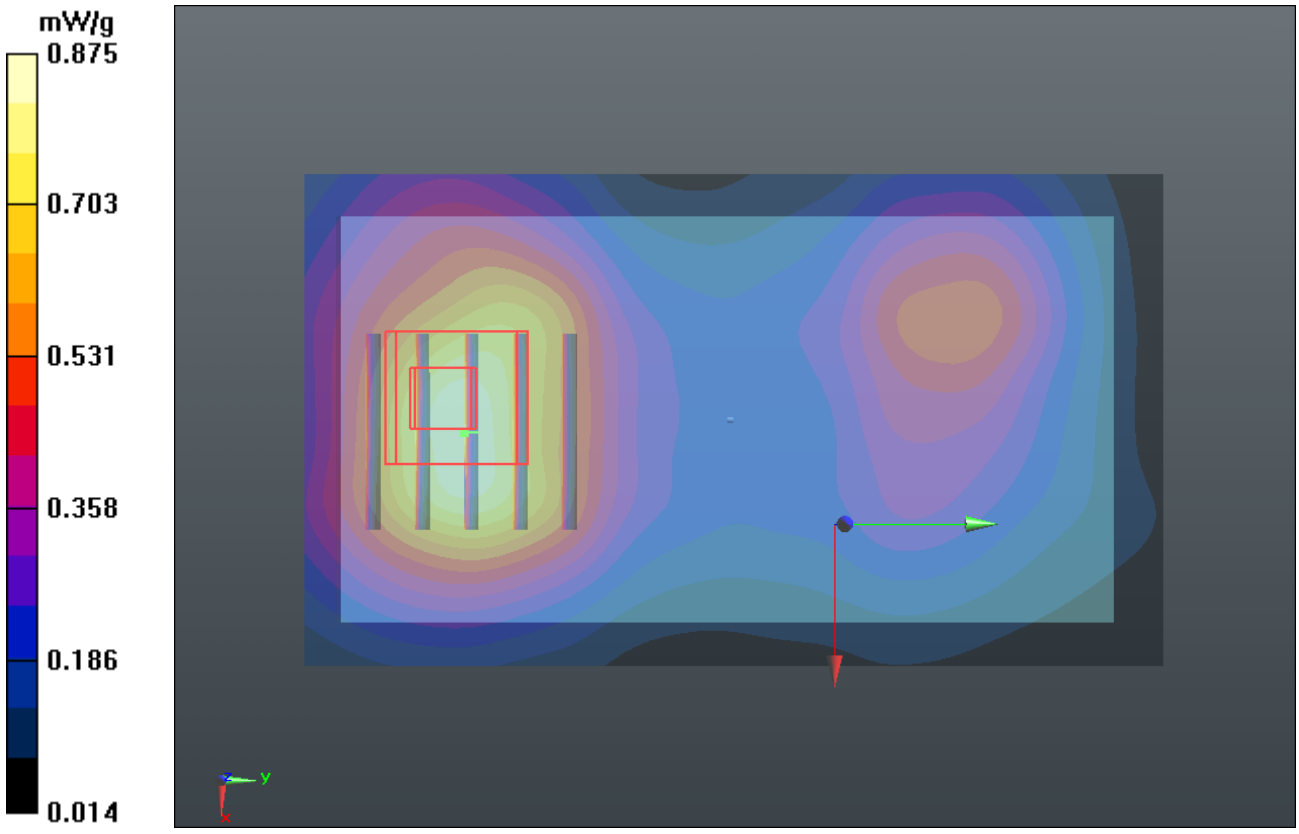
DUT: 120425C07

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.875 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.692 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.996 mW/g
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.804 mW/g



P44 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample2_Earphone2

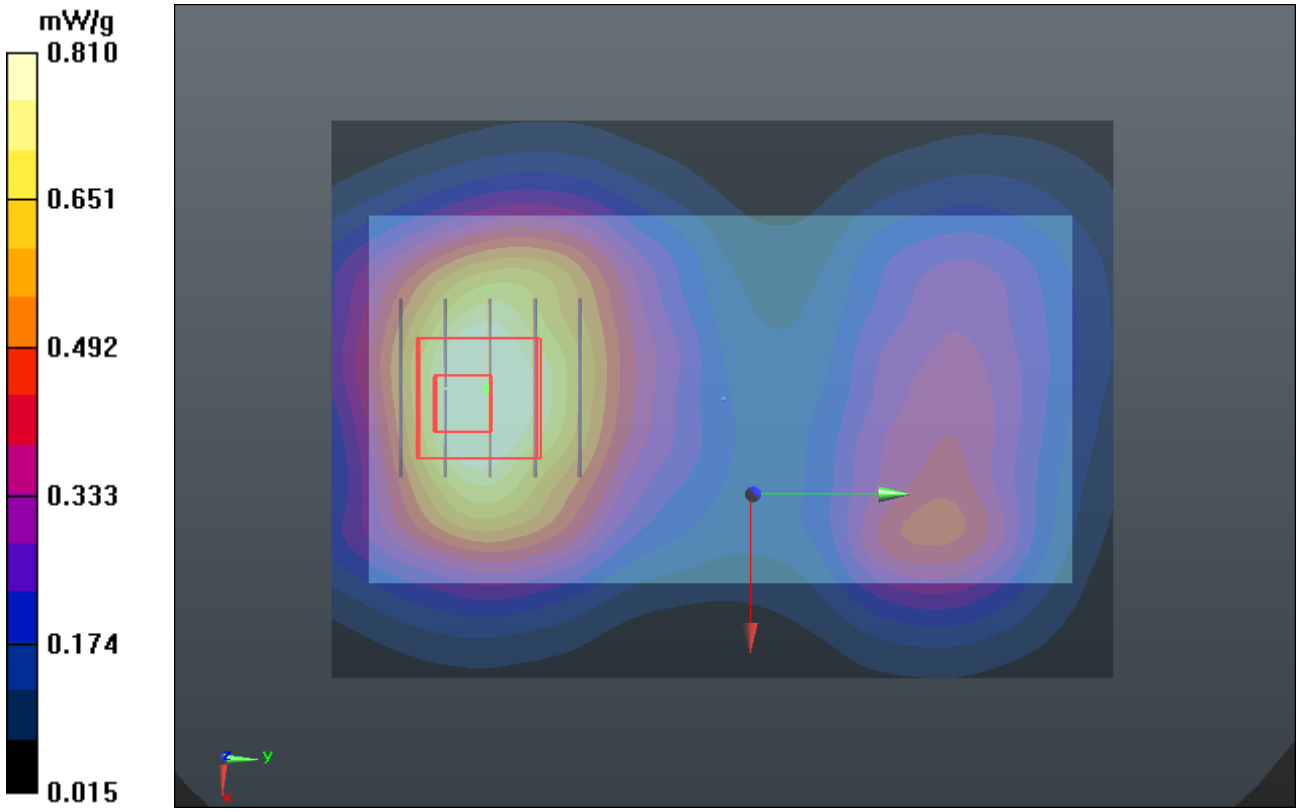
DUT: 120425C07

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4.00037
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch661/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.863 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.863 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.945 mW/g
SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.810 mW/g



P45 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Sample1

DUT: 120425C07

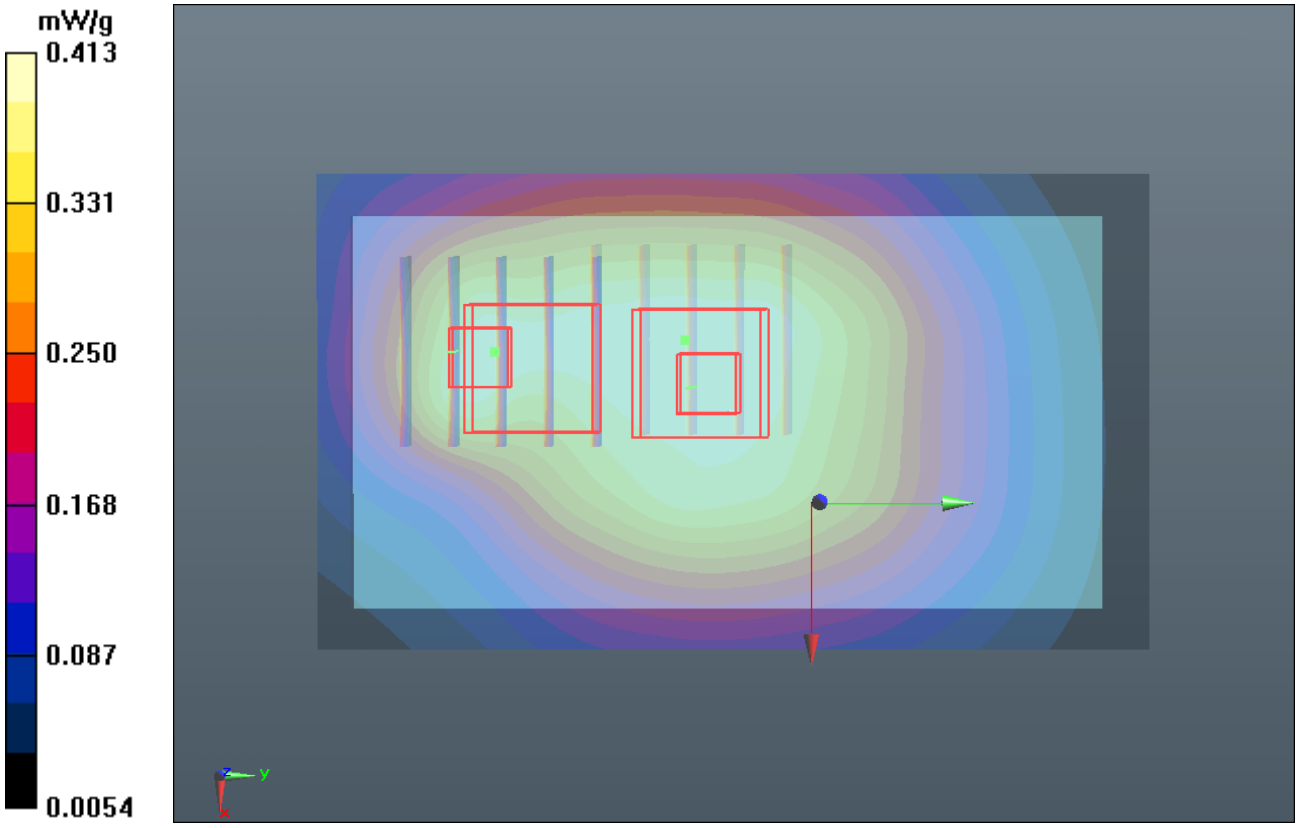
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.413 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.351 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.455 mW/g
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.409 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.351 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.452 mW/g
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.402 mW/g



P46 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample1

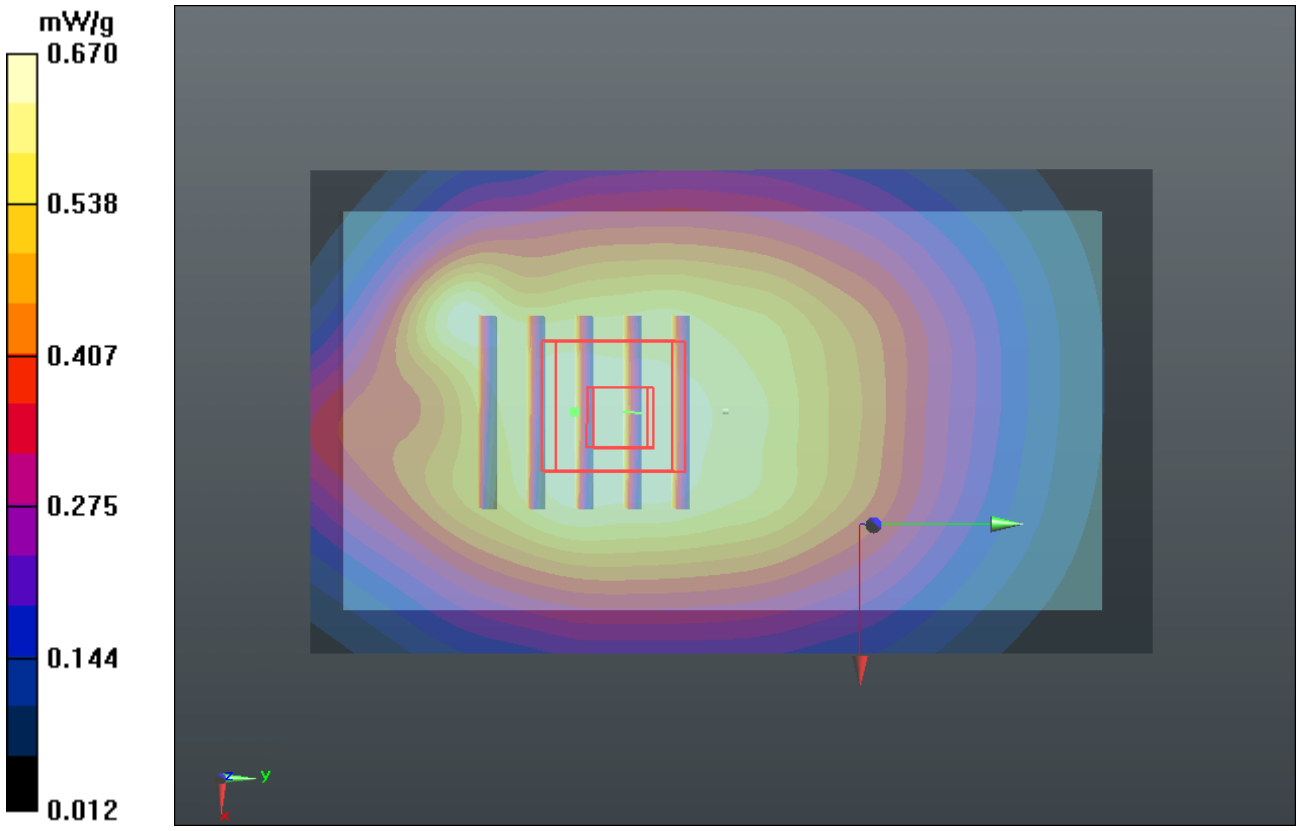
DUT: 120425C07

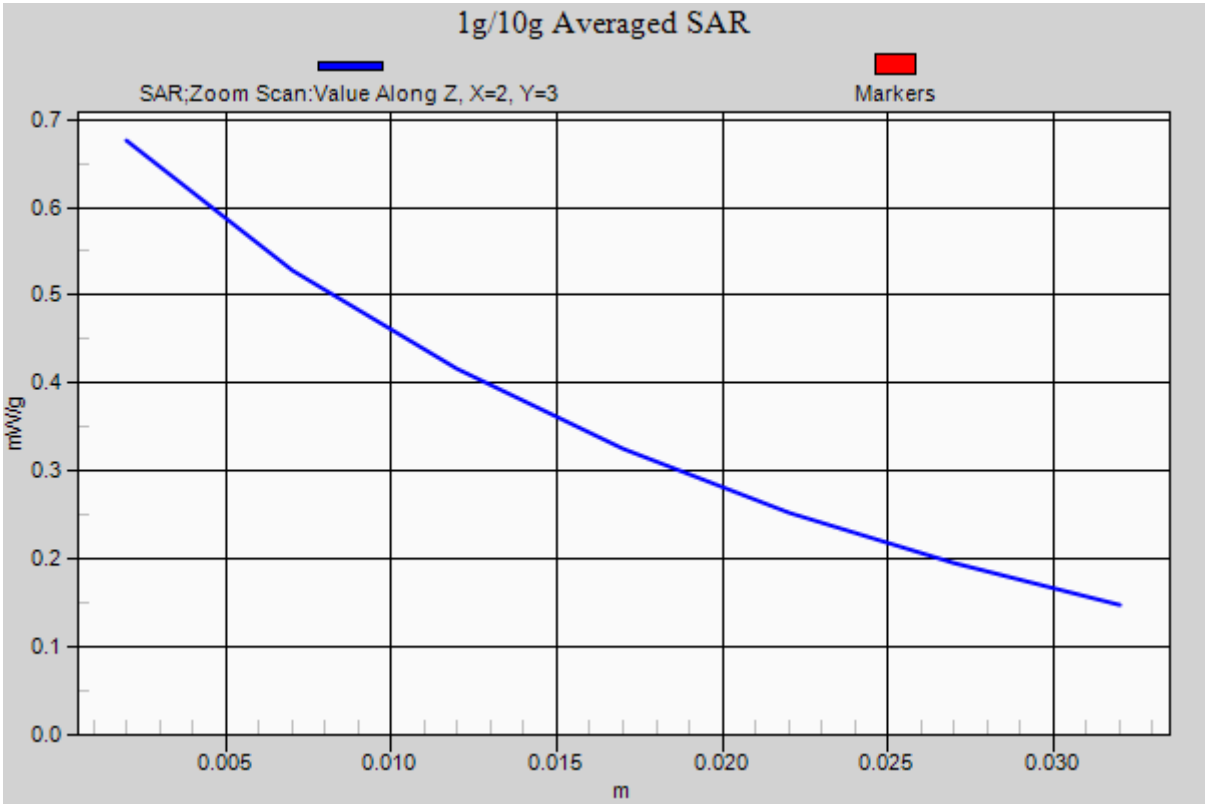
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.670 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.138 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.759 mW/g
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.676 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=3
Markers
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P47 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233_Sample1

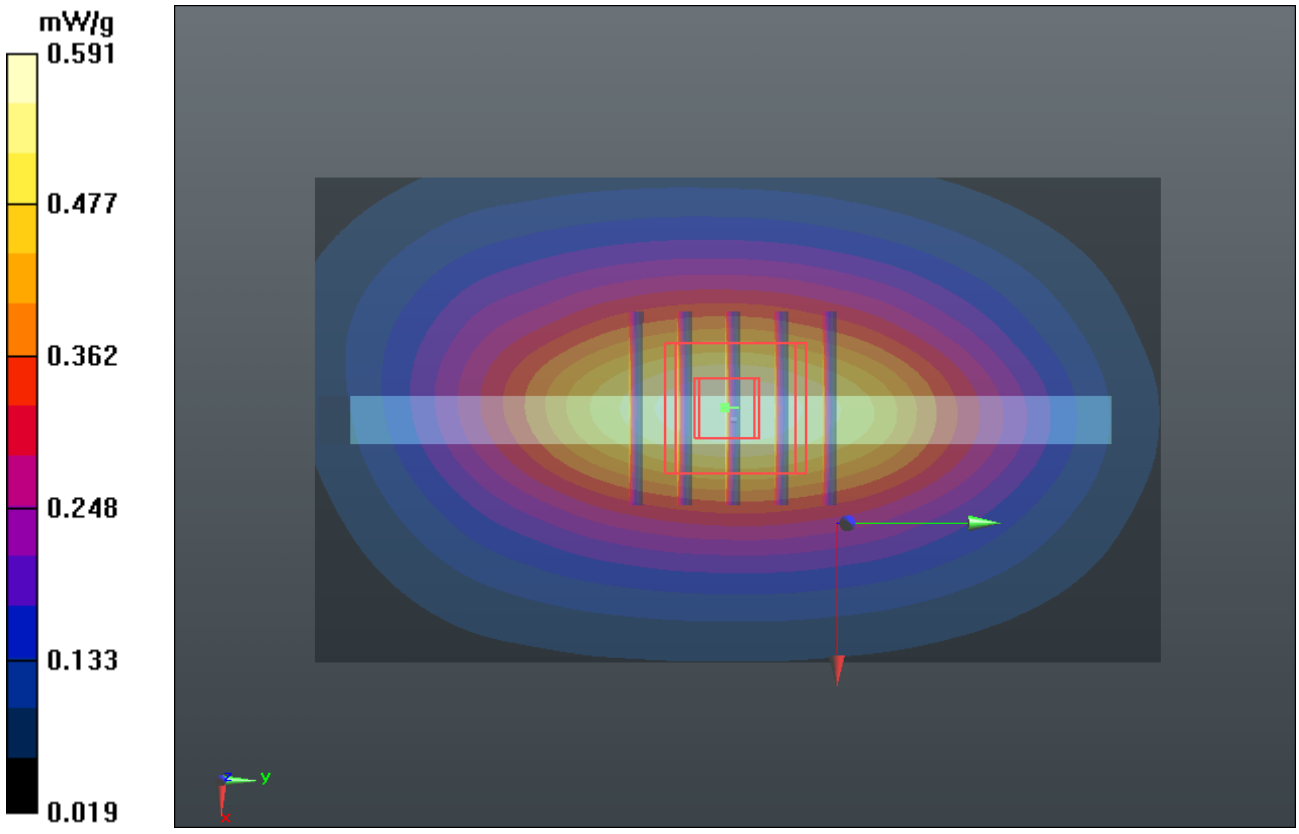
DUT: 120425C07

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.591 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.381 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.672 mW/g
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.576 mW/g



P48 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233_Sample1

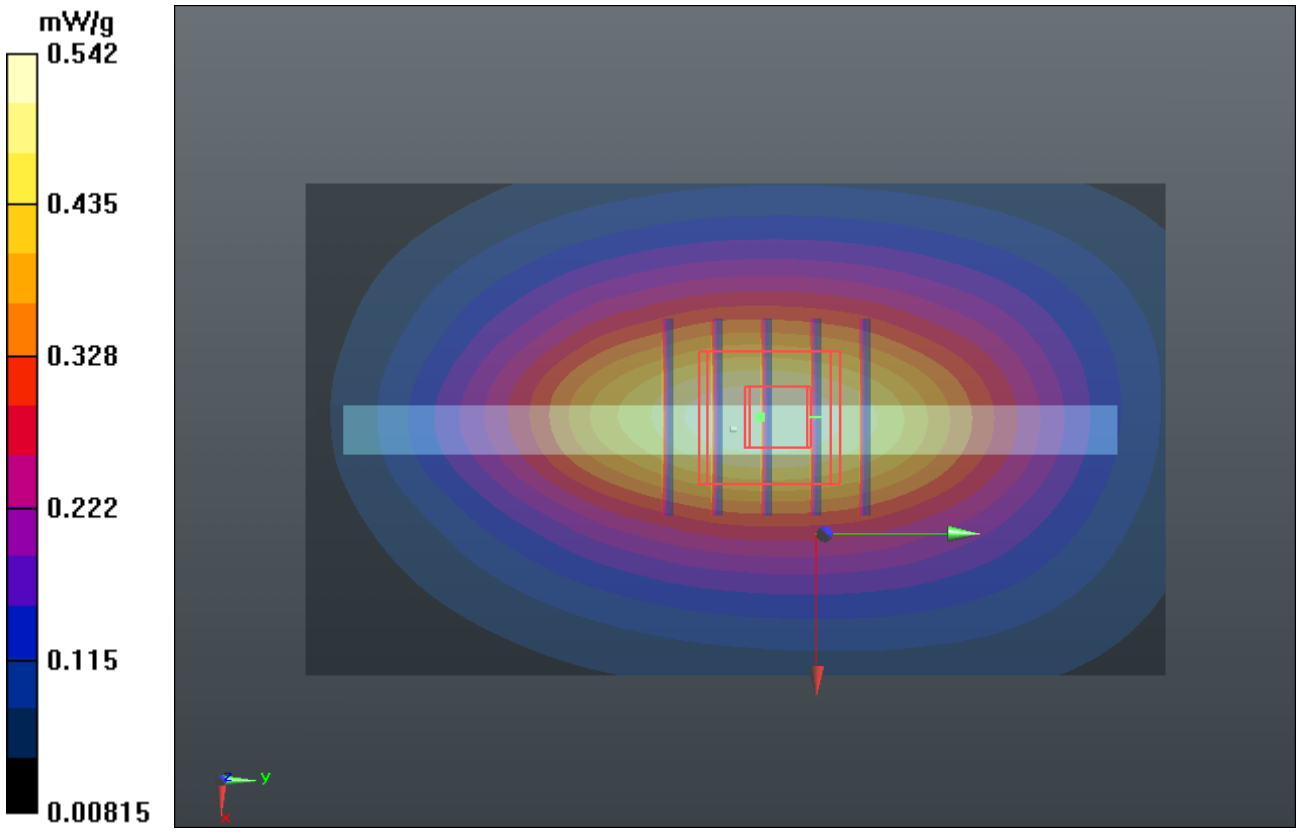
DUT: 120425C07

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.542 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.456 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.614 mW/g
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.525 mW/g



P50 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233_Sample1

DUT: 120425C07

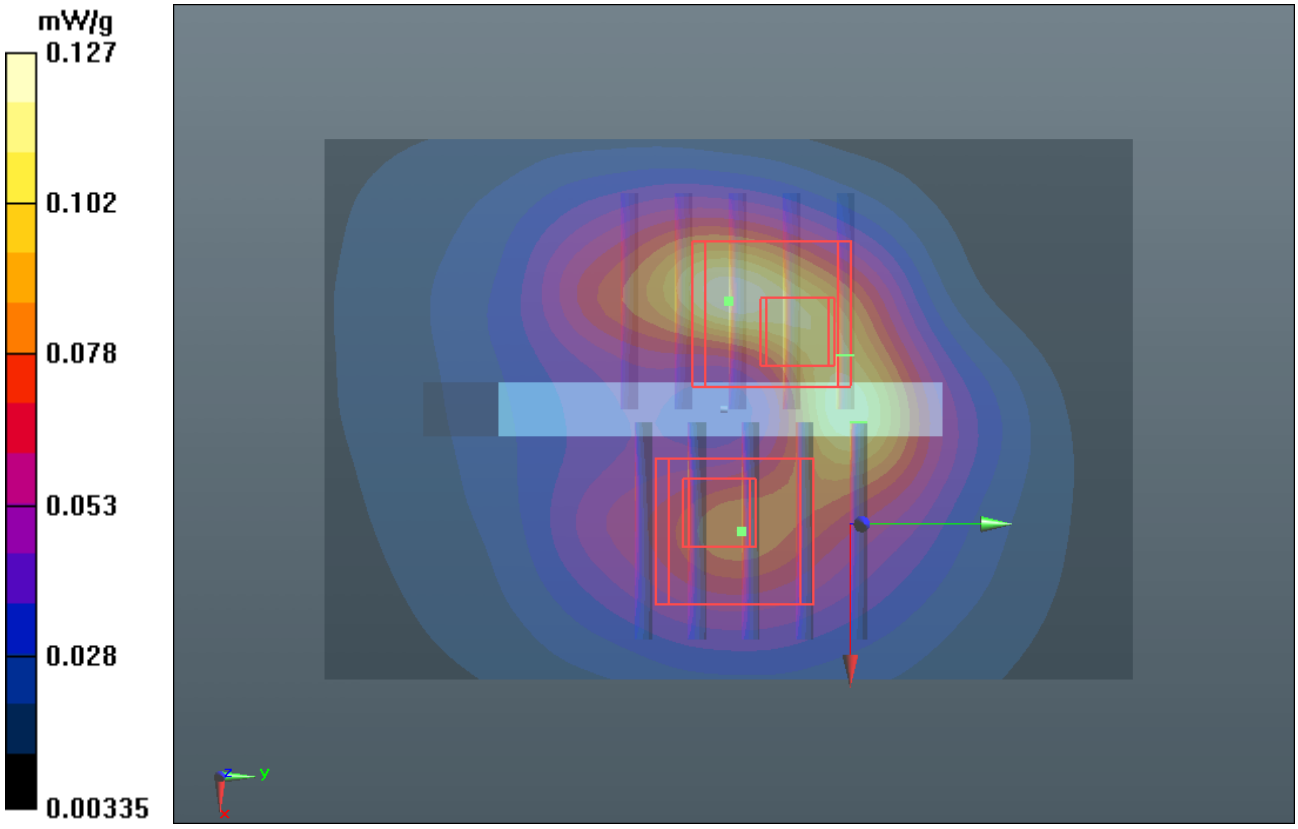
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.127 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.434 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.215 mW/g
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.153 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.434 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.129 mW/g
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.104 mW/g



P52 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample2

DUT: 120425C07

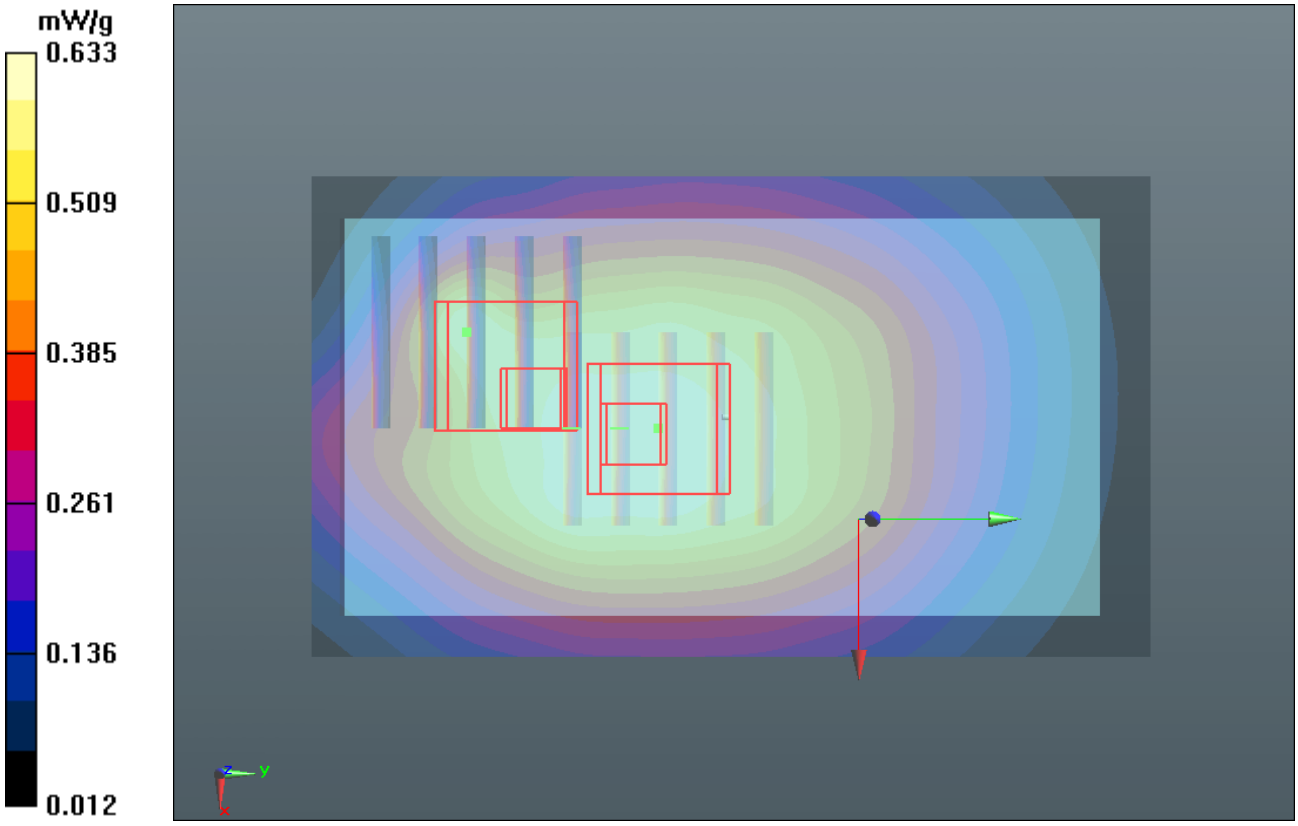
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.633 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.625 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.728 mW/g
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (measured) = 0.651 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.625 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.712 mW/g
SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.625 mW/g



P53 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Sample1_Earphone1

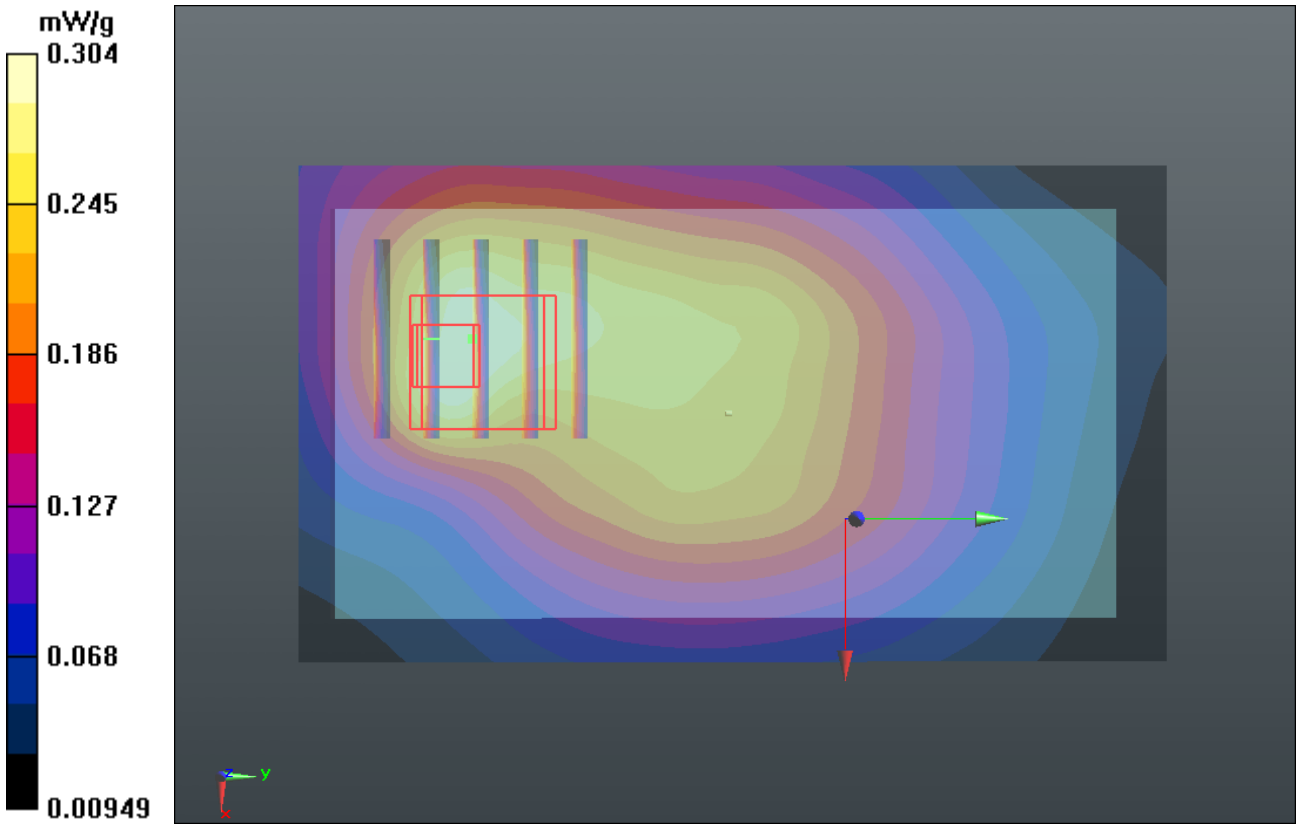
DUT: 120425C07

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.729 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.365 mW/g
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.319 mW/g



P54 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample1_Earphone1

DUT: 120425C07

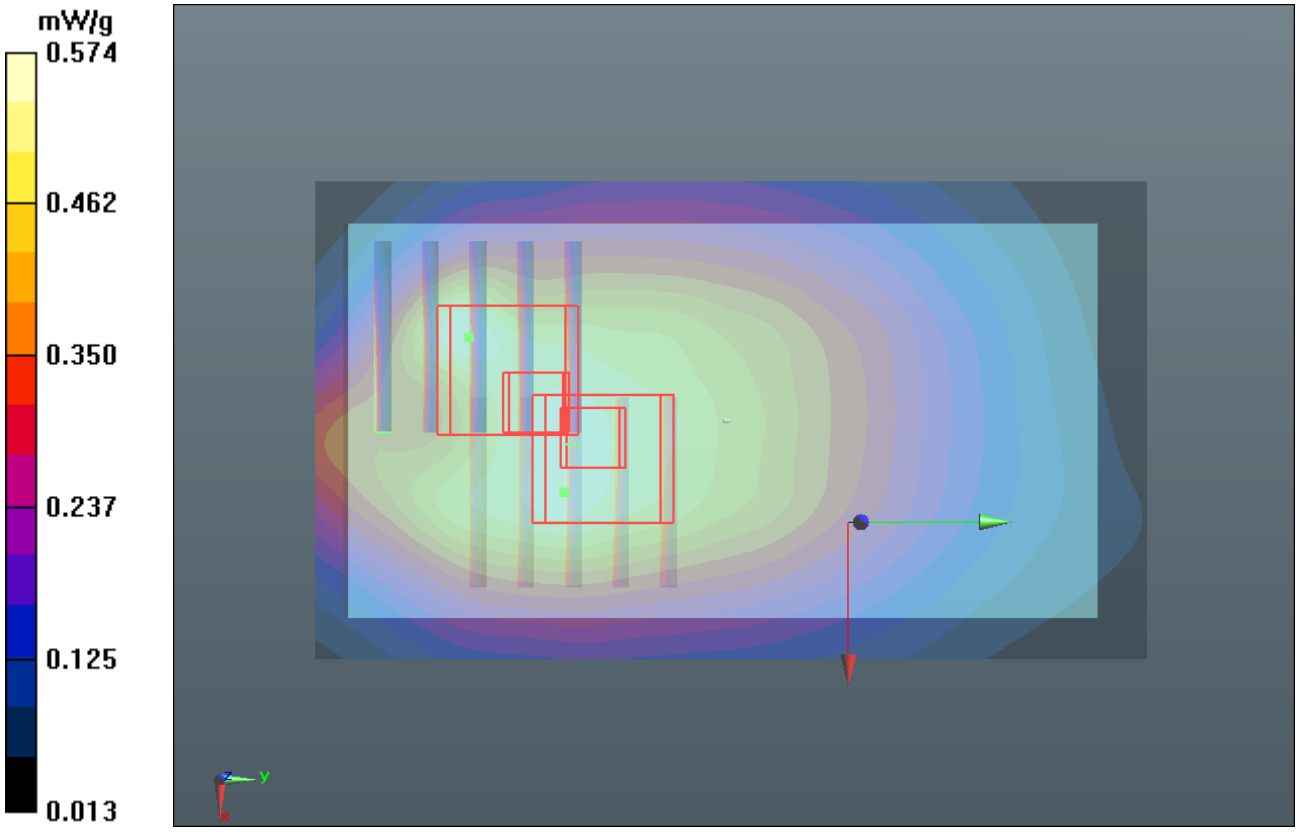
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.574 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.627 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.669 mW/g
SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.584 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.627 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.833 mW/g
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.296 mW/g
Maximum value of SAR (measured) = 0.648 mW/g



P55 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Sample2_Earphone2

DUT: 120425C07

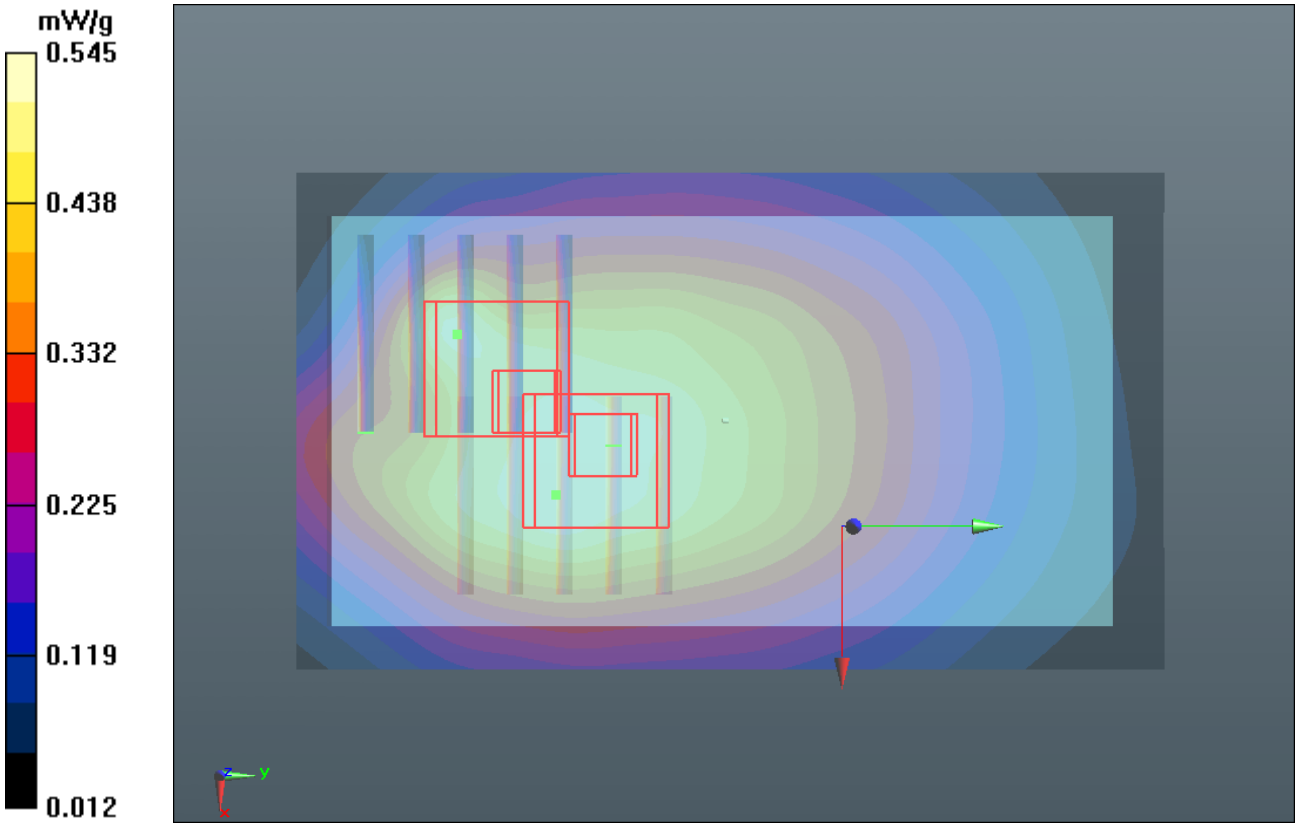
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0429 Medium parameters used: f = 847 MHz; σ = 1.004 mho/m; ε_r = 55.49; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.5 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.545 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.576 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.636 mW/g
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.552 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.576 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.693 mW/g
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.549 mW/g



P56 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Sample1

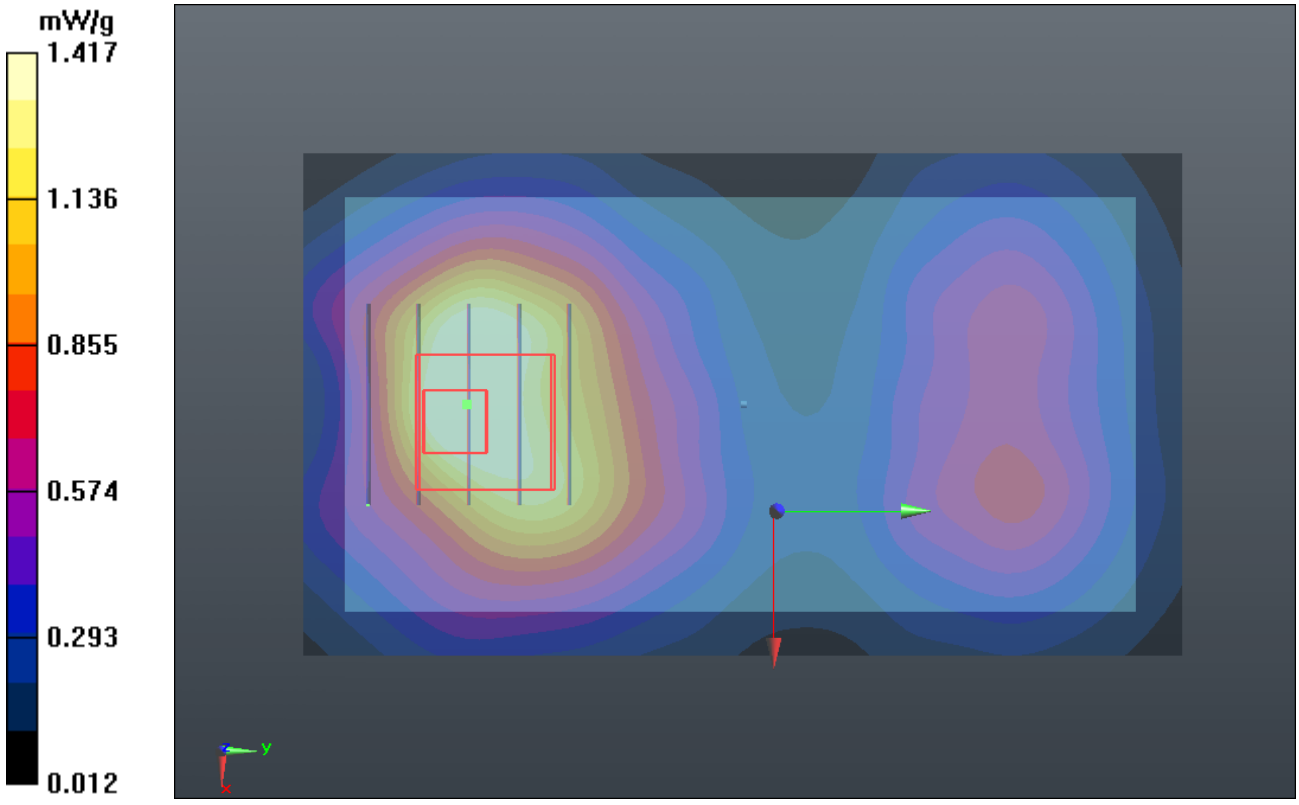
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.66 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.701 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.670 mW/g
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.767 mW/g
Maximum value of SAR (measured) = 1.42 mW/g



P57 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1

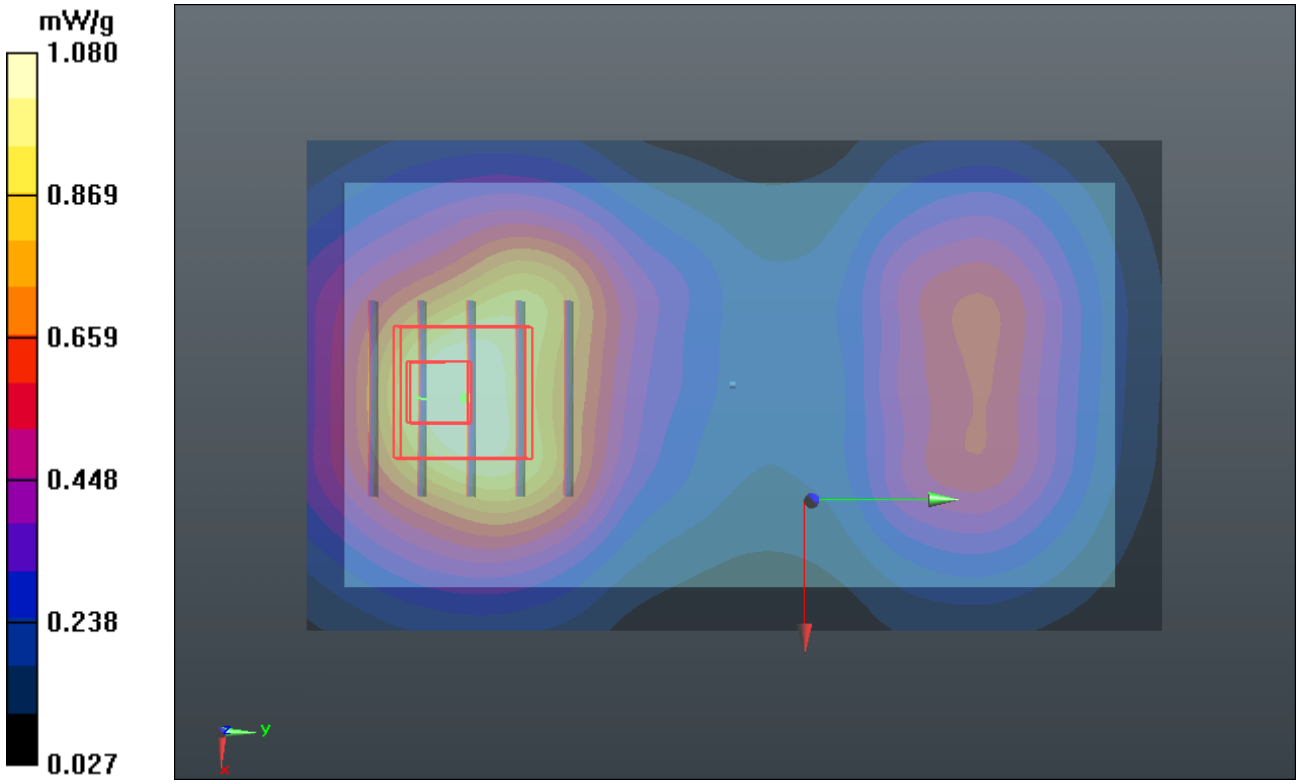
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.323 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.263 mW/g
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.556 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



P58 WCDMA II_RMC12.2K_Left Side_1cm_Ch9538_Sample1

DUT: 120425C07

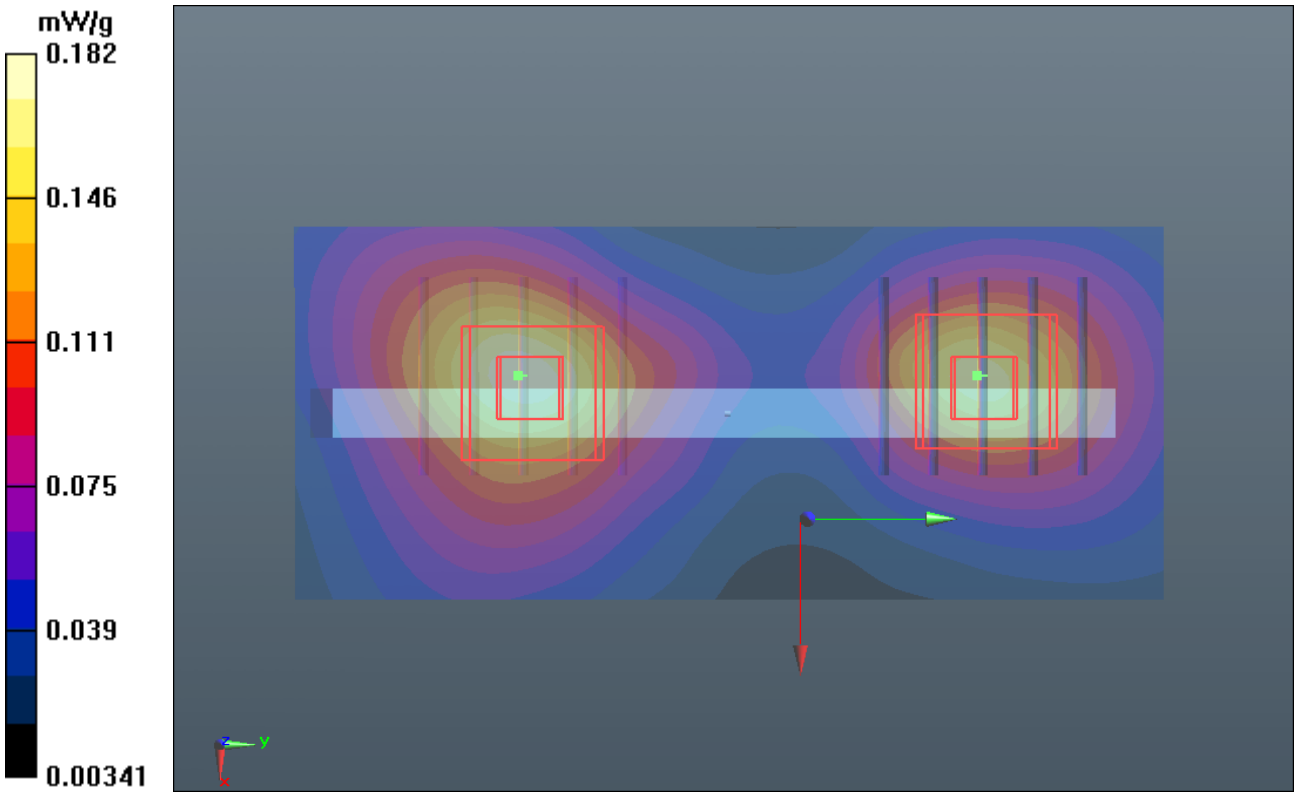
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.179 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.042 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.226 mW/g
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.182 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.042 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.168 mW/g



P59 WCDMA II_RMC12.2K_Right Side_1cm_Ch9538_Sample1

DUT: 120425C07

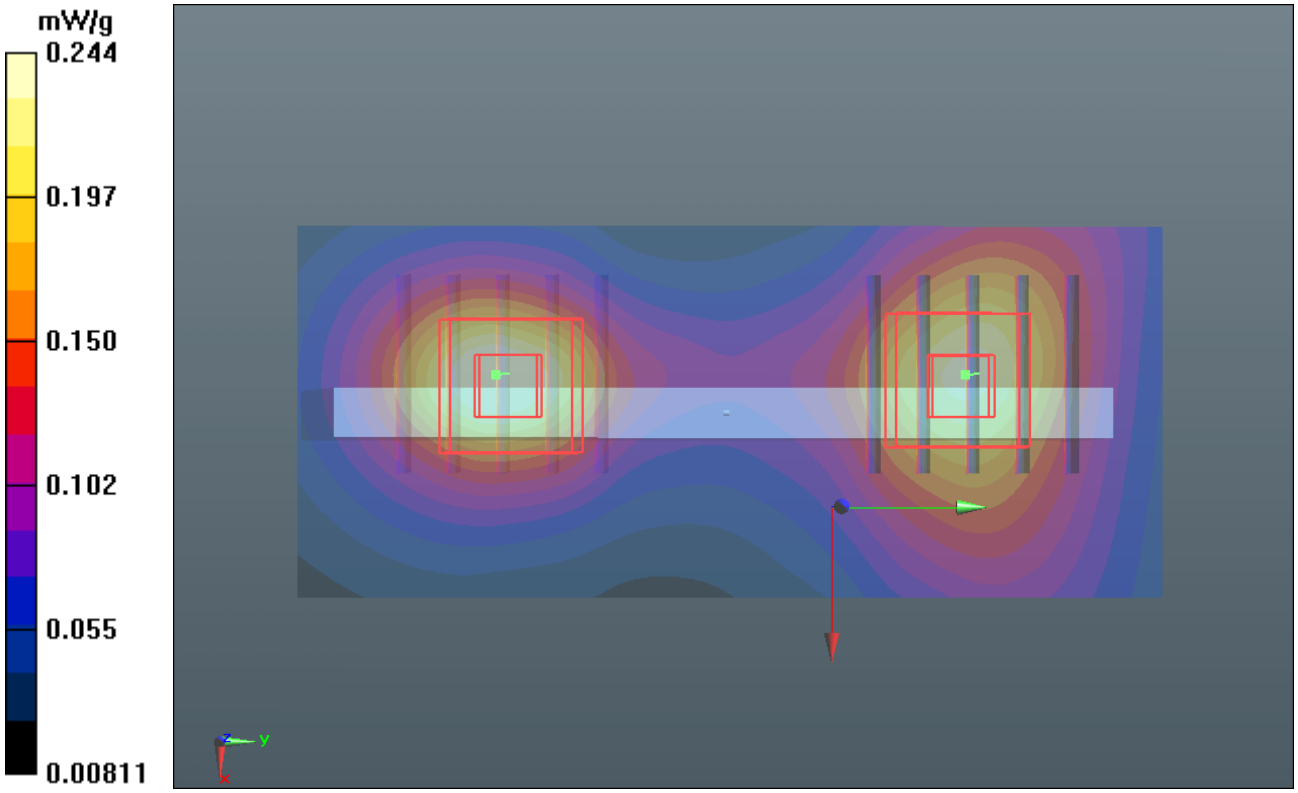
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.256 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.148 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.300 mW/g
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.244 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.148 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.297 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.235 mW/g



P61 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538_Sample1

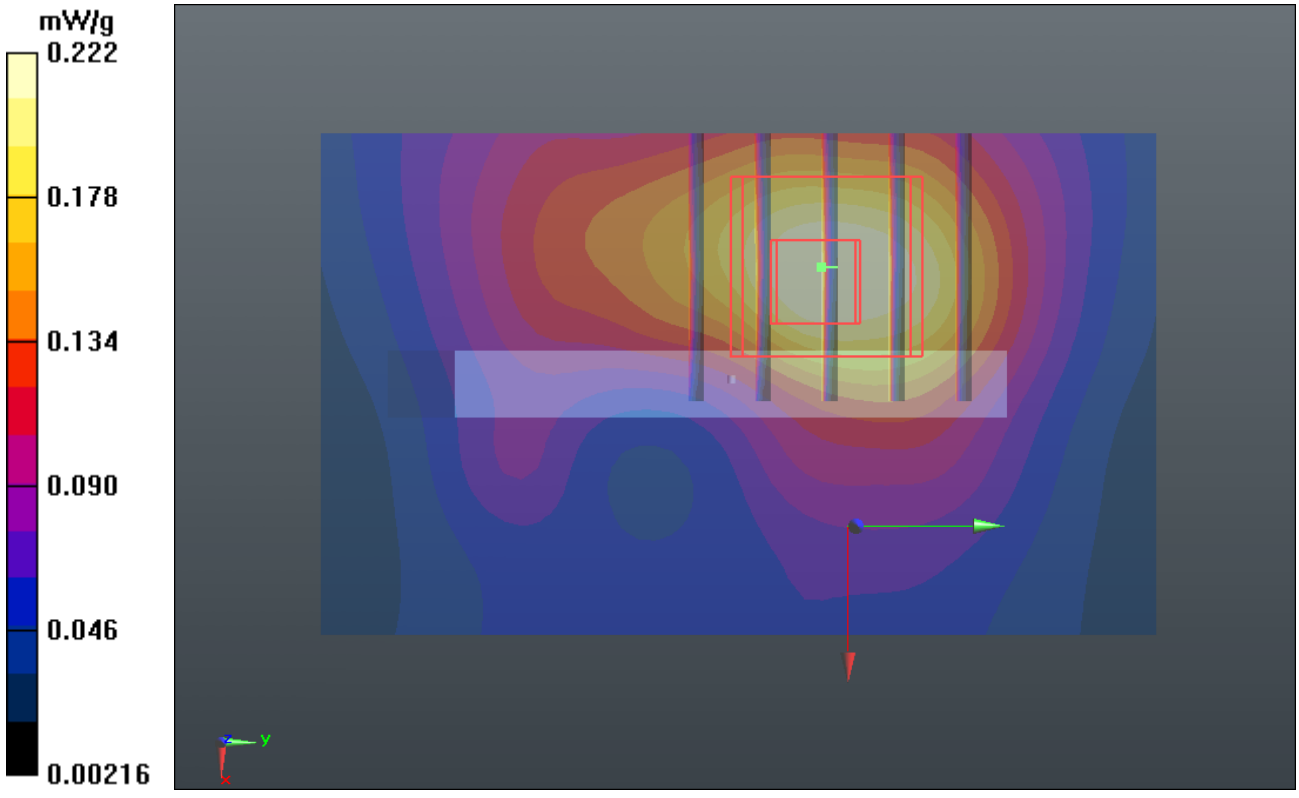
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.021 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.299 mW/g
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.222 mW/g



P69 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample1

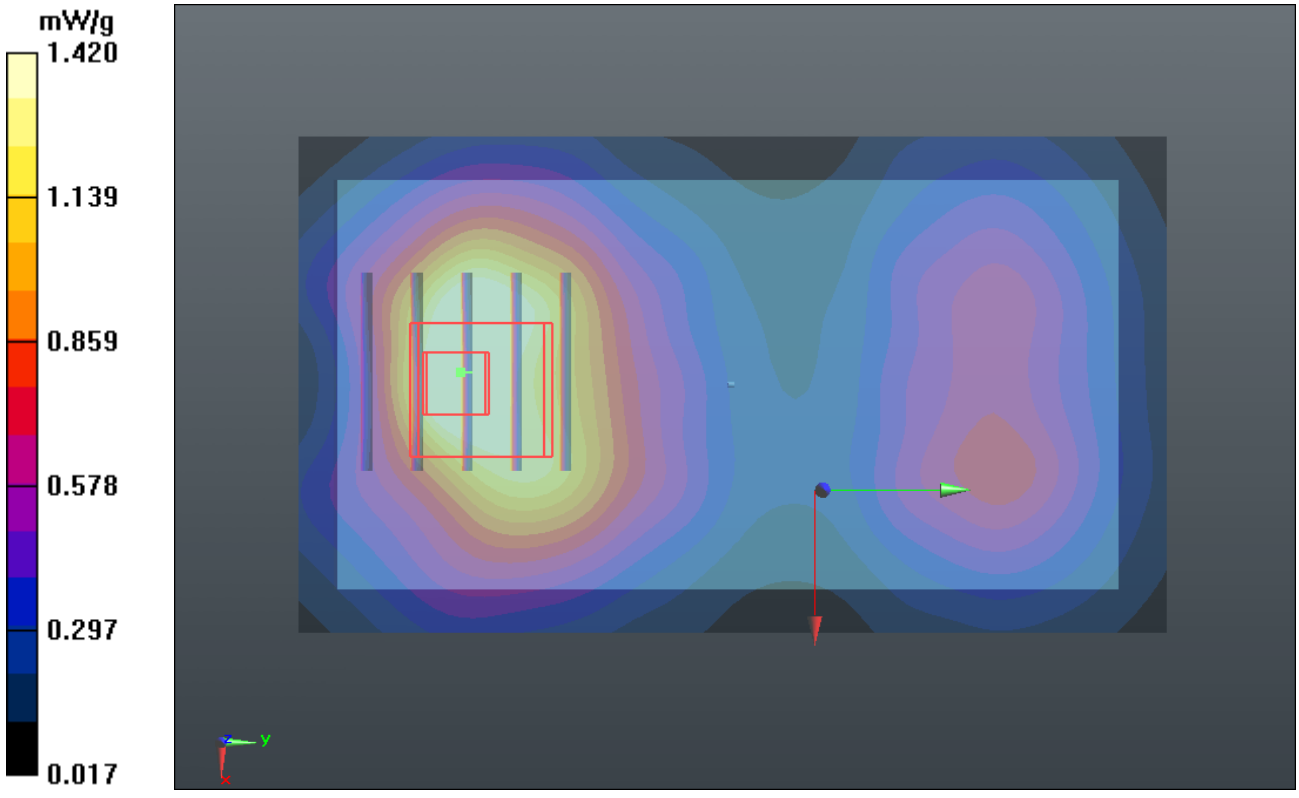
DUT: 120425C07

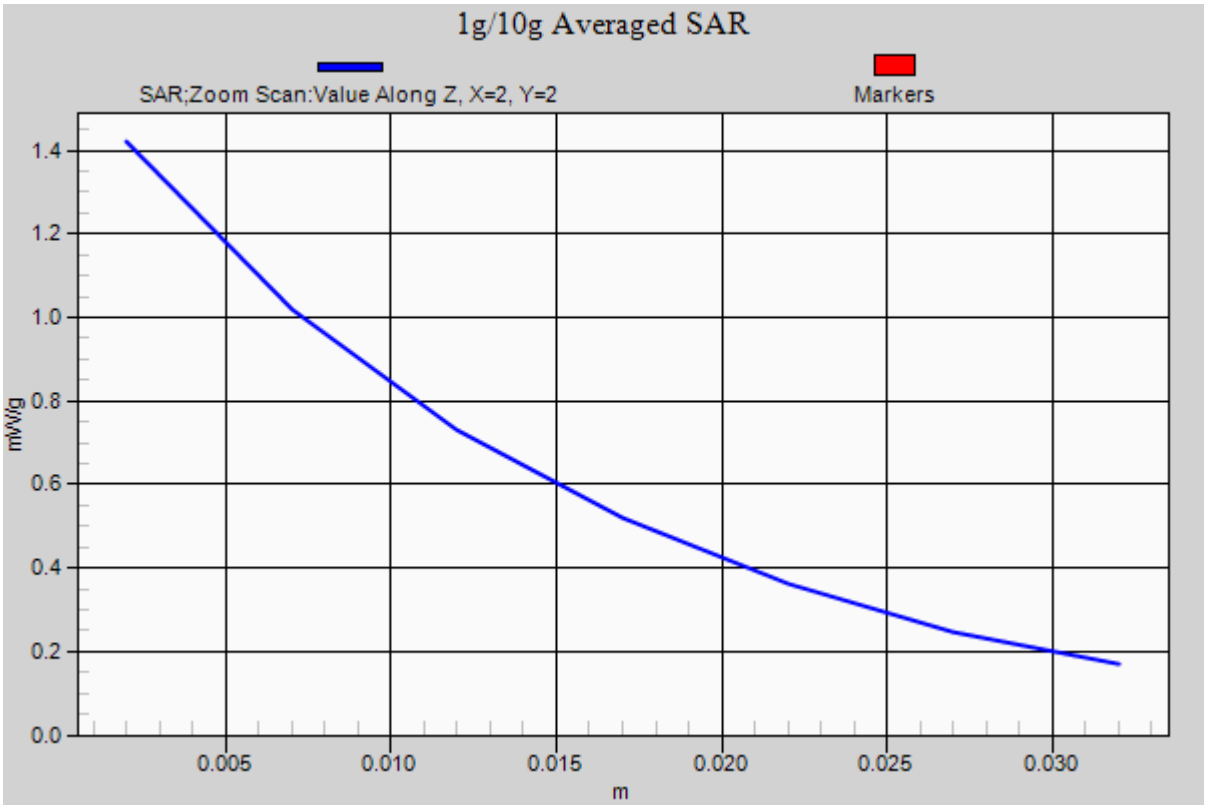
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used : f = 1852.4 MHz; σ = 1.497 mho/m; ε_r = 54.115; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.71 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.720 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.660 mW/g
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.785 mW/g
Maximum value of SAR (measured) = 1.42 mW/g




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

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/28

P70 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample1

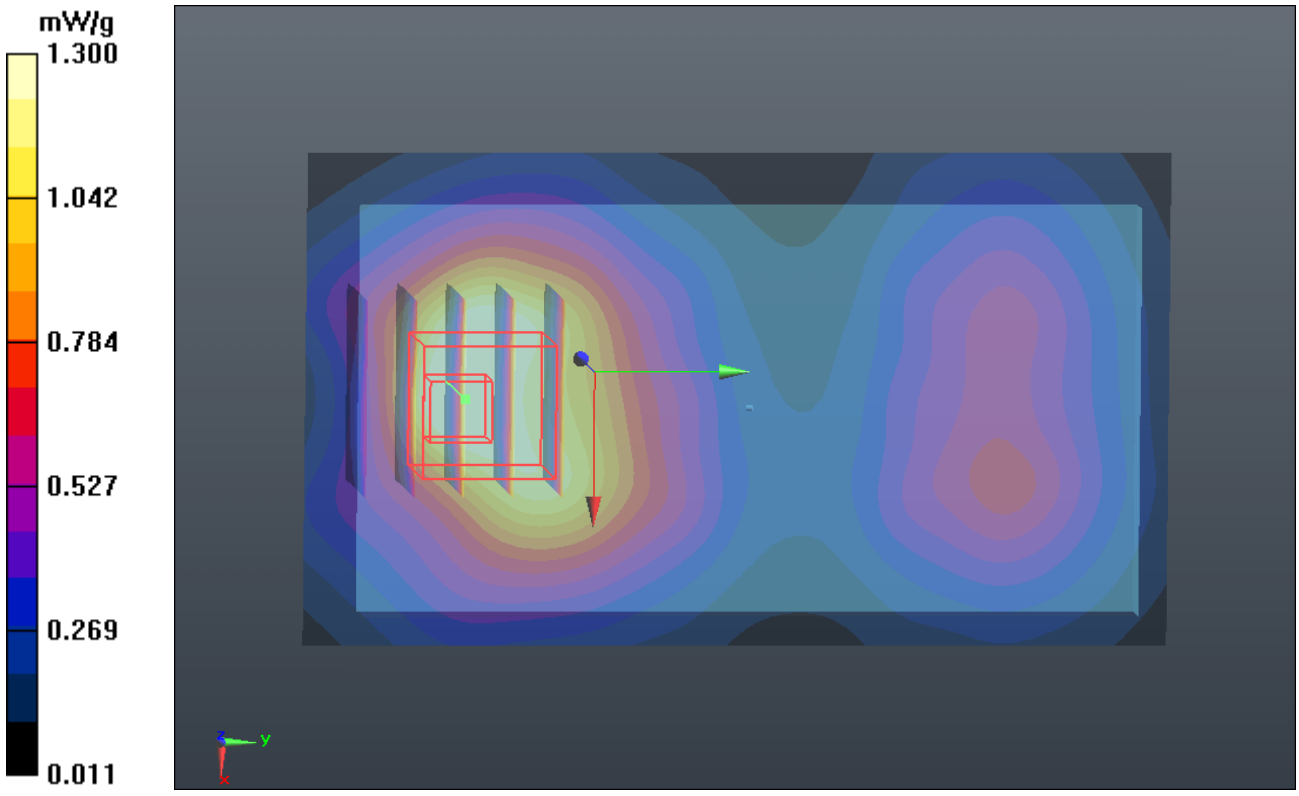
DUT: 120425C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.54 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.649 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.527 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.703 mW/g
Maximum value of SAR (measured) = 1.30 mW/g



P73 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Sample1

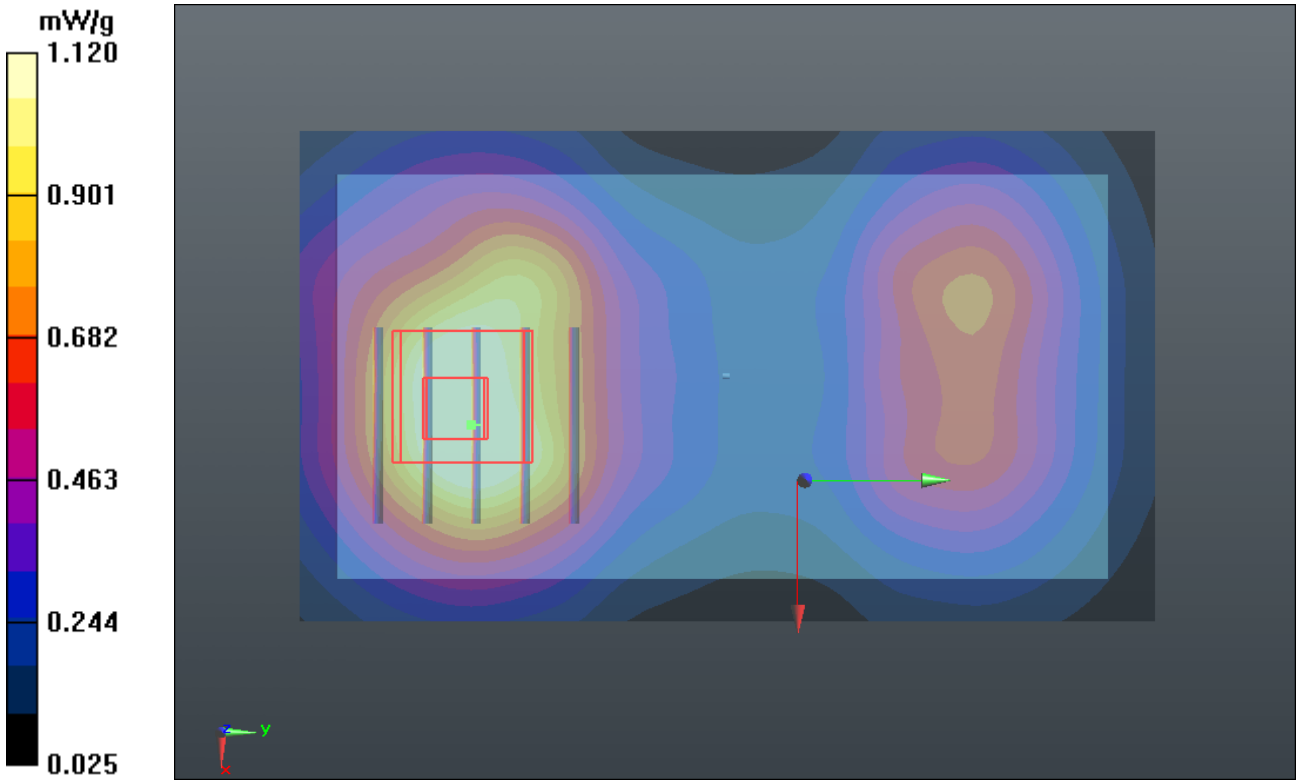
DUT: 120425C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used : f = 1852.4 MHz; σ = 1.497 mho/m; ε_r = 54.115; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.26 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.124 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.325 mW/g
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



P74 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Sample1

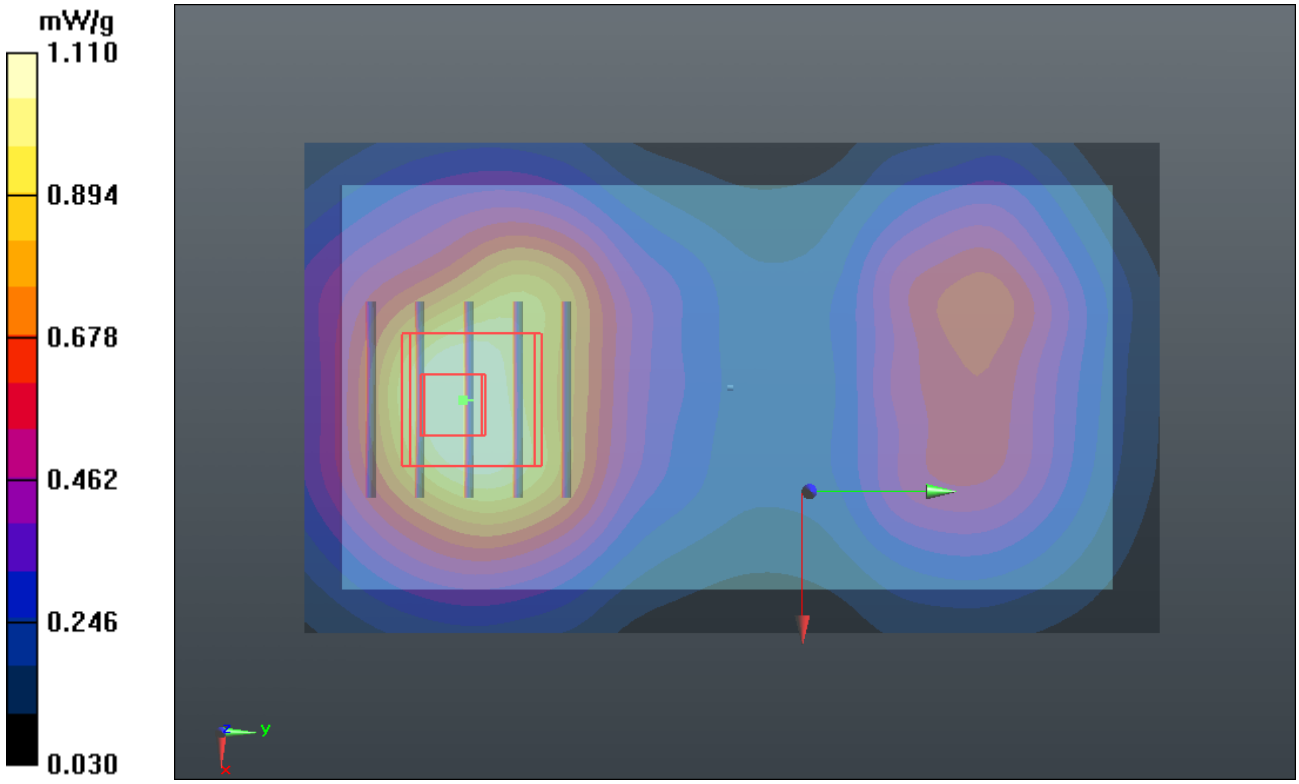
DUT: 120425C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.123 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.308 mW/g
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



P63 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample2

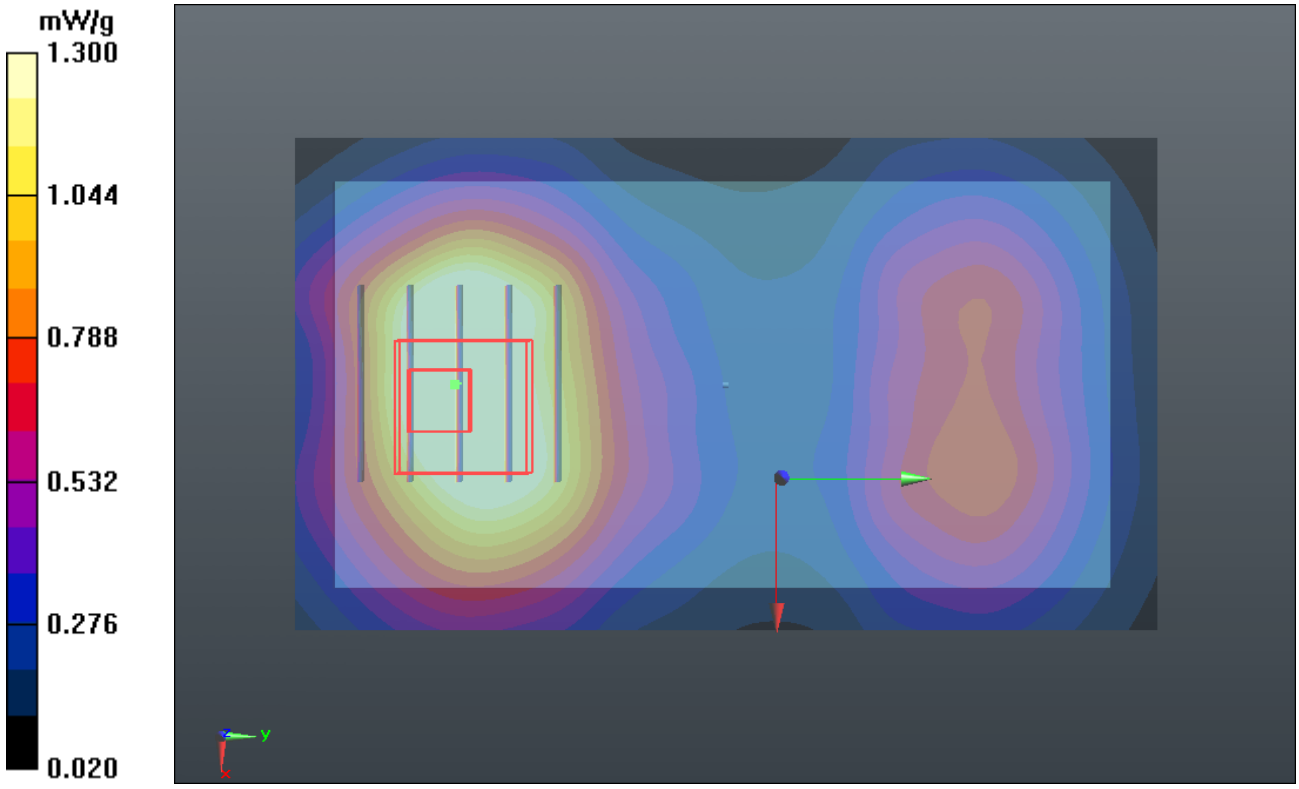
DUT: 120425C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used : f = 1852.4 MHz; σ = 1.497 mho/m; ε_r = 54.115; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.70 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.632 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.513 mW/g
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.728 mW/g
Maximum value of SAR (measured) = 1.30 mW/g



P75 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample2

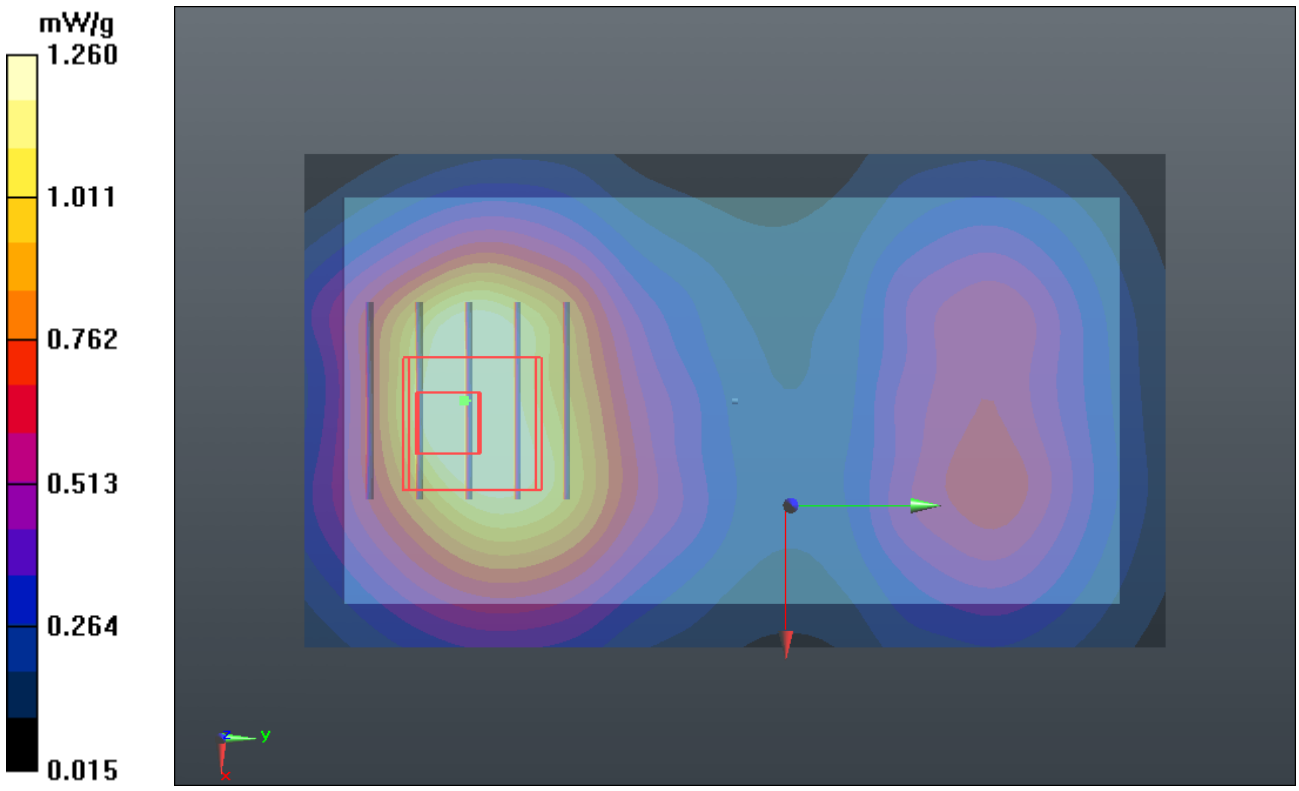
DUT: 120425C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.44 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.933 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.471 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.694 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/28

P76 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Sample2

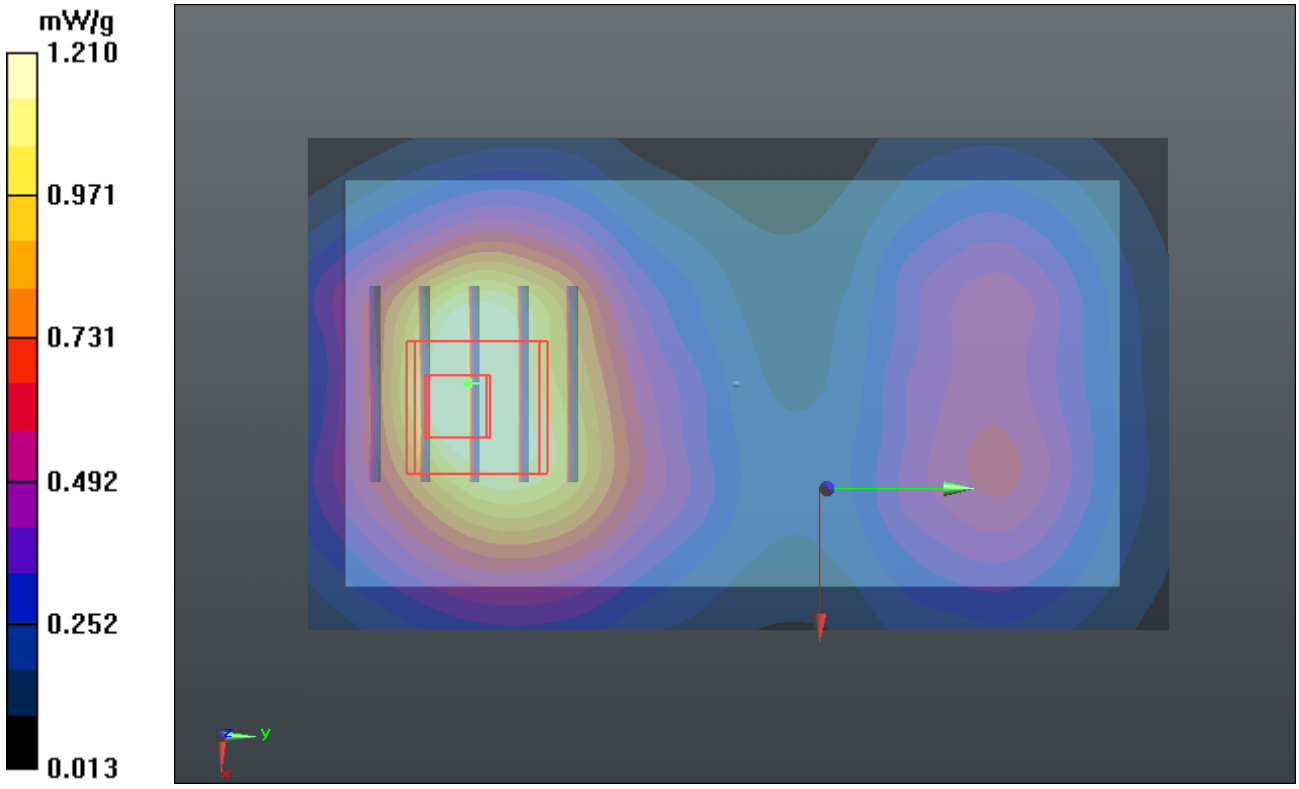
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.546 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.419 mW/g
SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.651 mW/g
Maximum value of SAR (measured) = 1.21 mW/g



P64 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Sample1_Earphone1

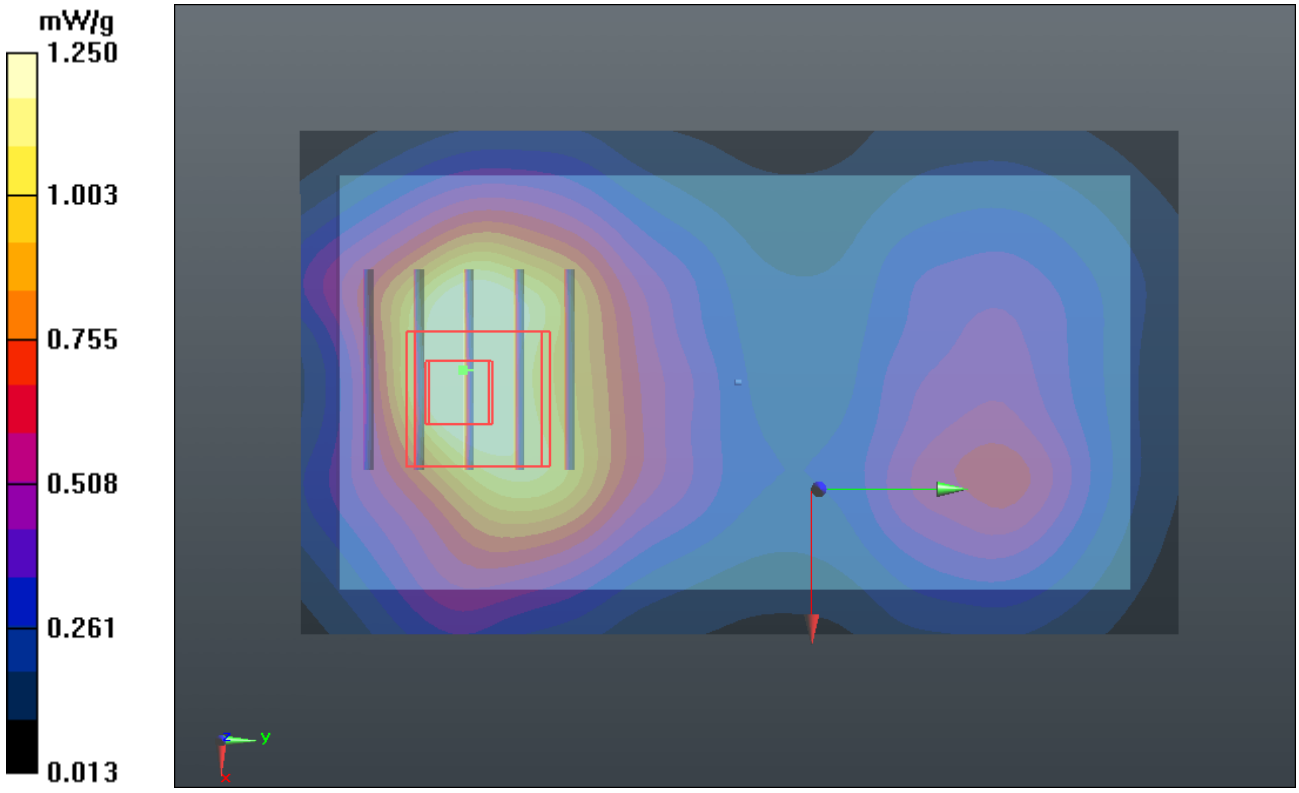
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.47 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.280 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.464 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.678 mW/g
Maximum value of SAR (measured) = 1.25 mW/g



P65 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Sample1_Earphone1

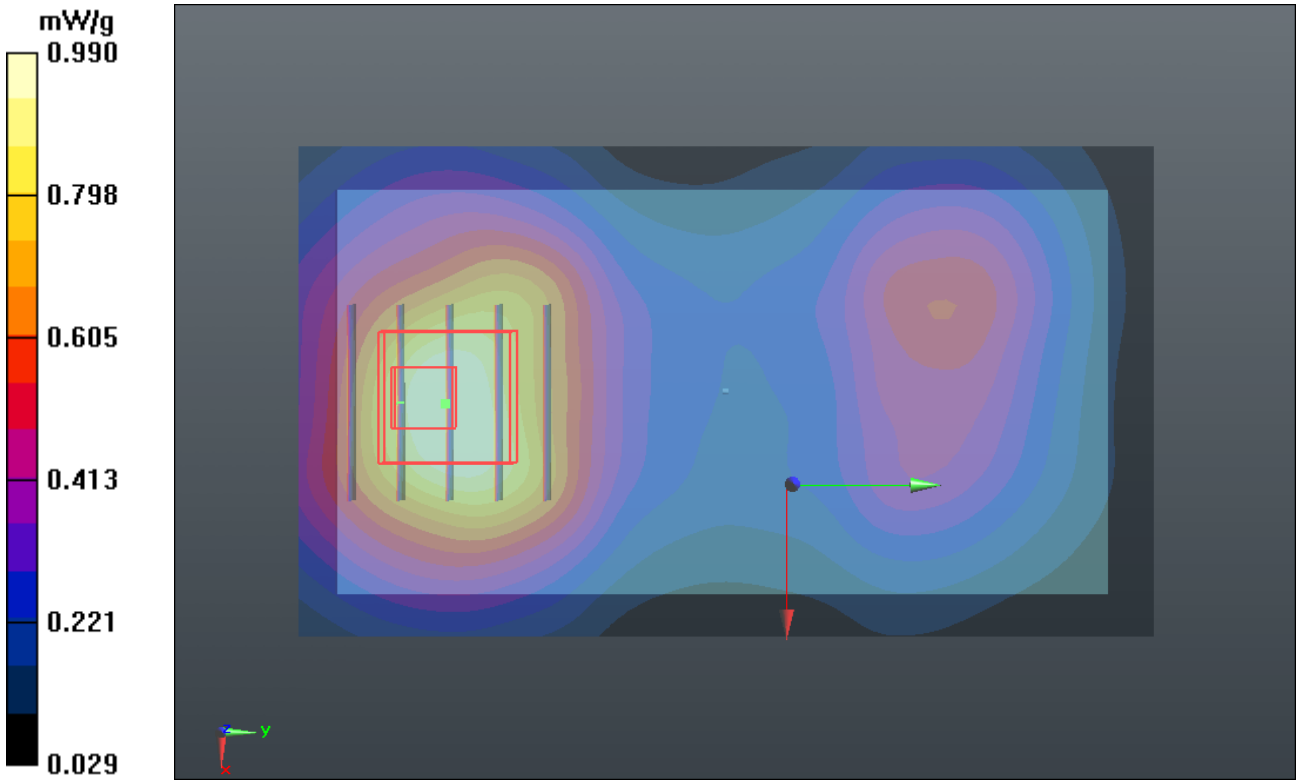
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.755 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.171 mW/g
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 0.990 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/28

P71 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample1_Earphone1

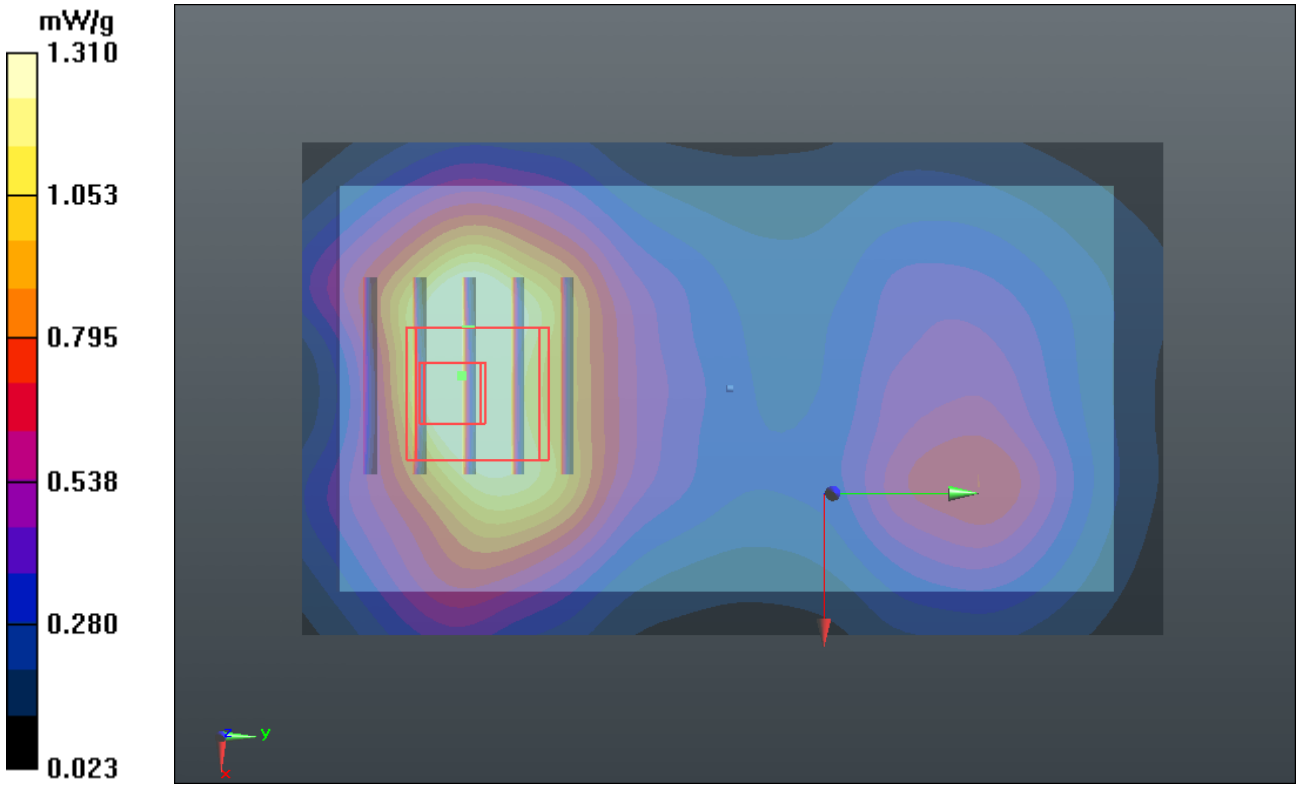
DUT: 120425C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used : f = 1852.4 MHz; σ = 1.497 mho/m; ε_r = 54.115; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.57 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.735 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.517 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



P72 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample1_Earphone1

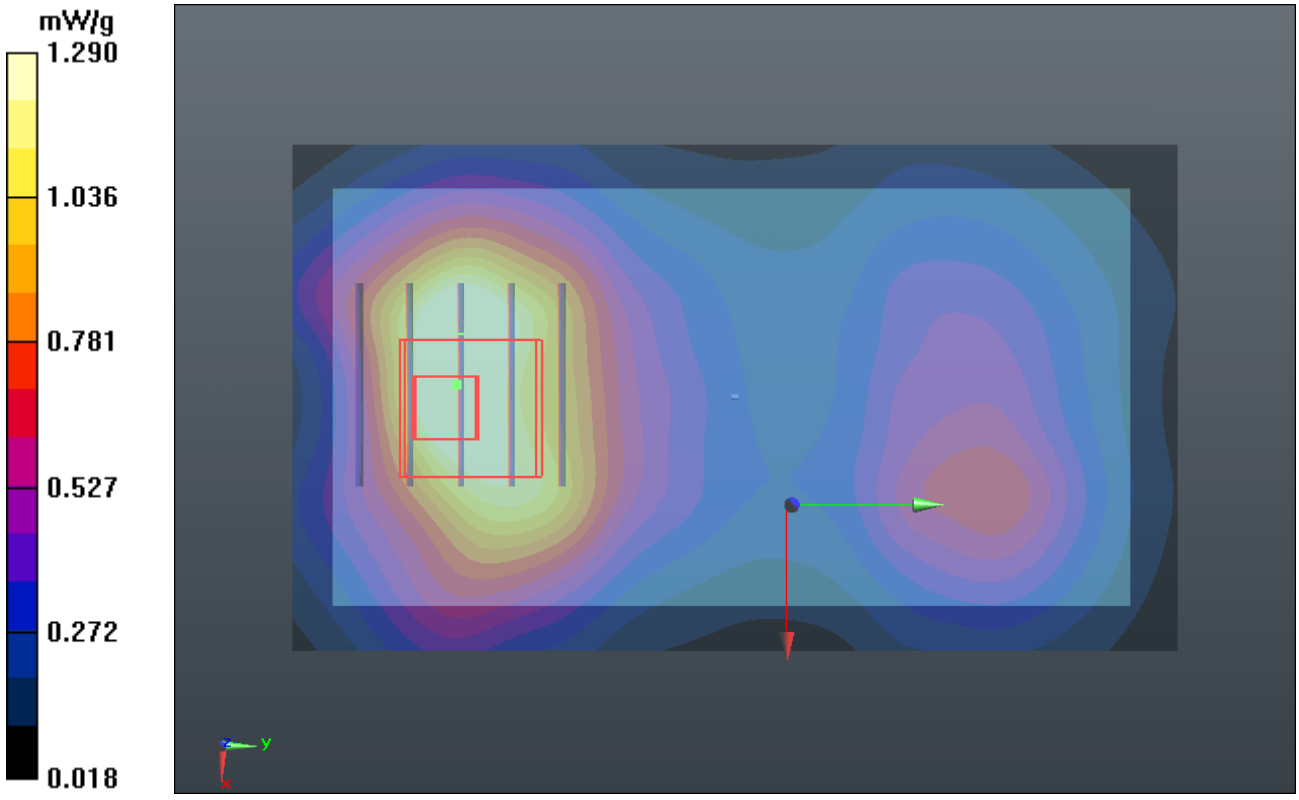
DUT: 120425C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.249 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.500 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



P66 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Sample2_Earphone2

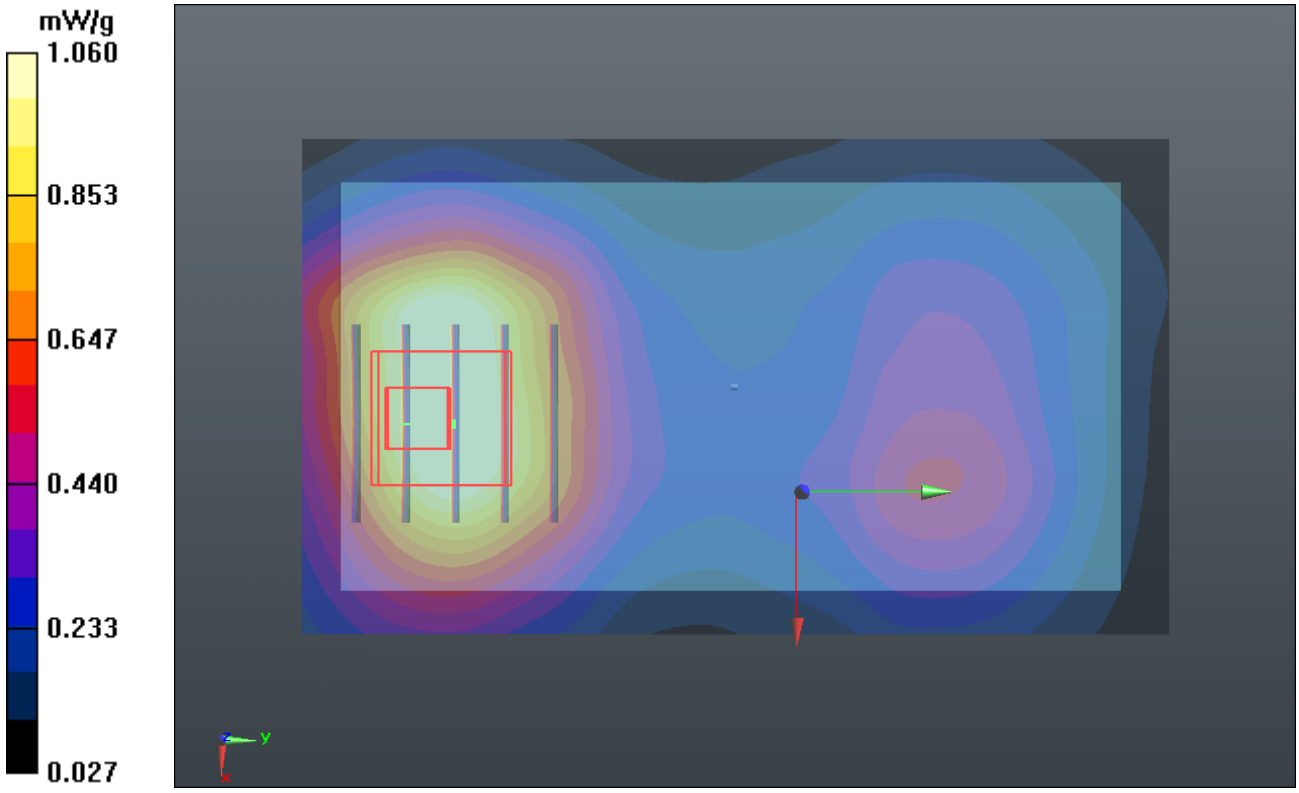
DUT: 120425C07

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 54.007; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.932 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.228 mW/g
SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/04/28

P77 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample2_Earphone2

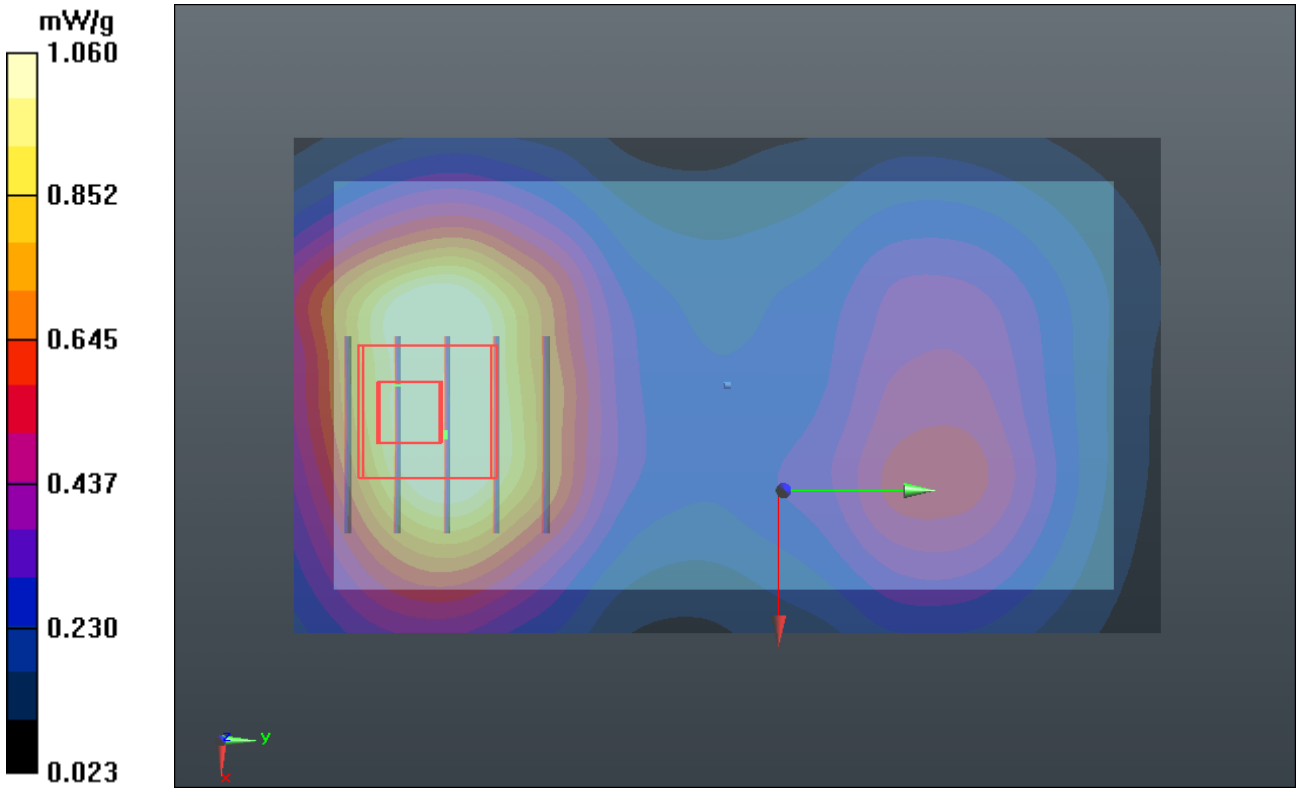
DUT: 120425C07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used : f = 1852.4 MHz; σ = 1.497 mho/m; ε_r = 54.115; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.888 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.243 mW/g
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.593 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



P78 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Sample2_Earphone2

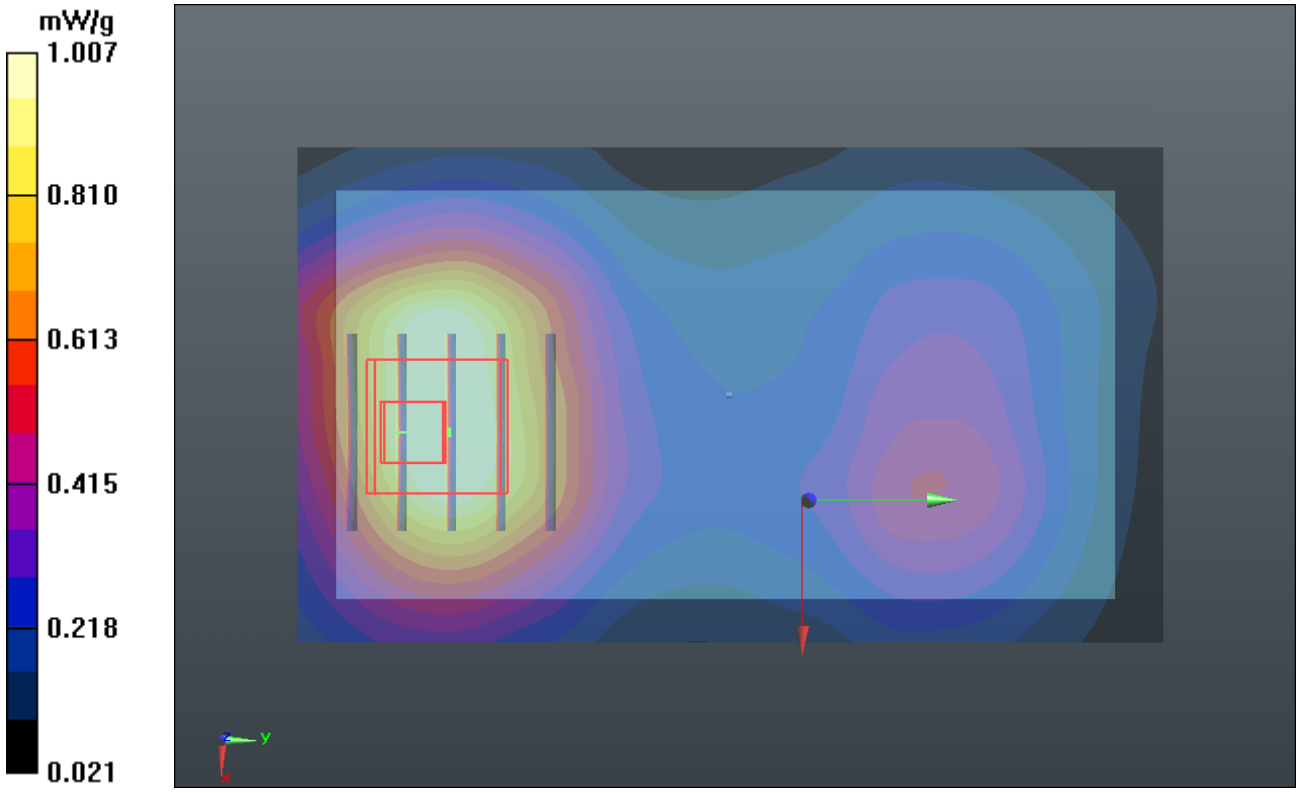
DUT: 120425C07

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0428 Medium parameters used: f = 1908 MHz; σ = 1.561 mho/m; ε_r = 53.935; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.037 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.167 mW/g
SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



P86 802.11b_Front Face_1cm_Ch11_Sample1

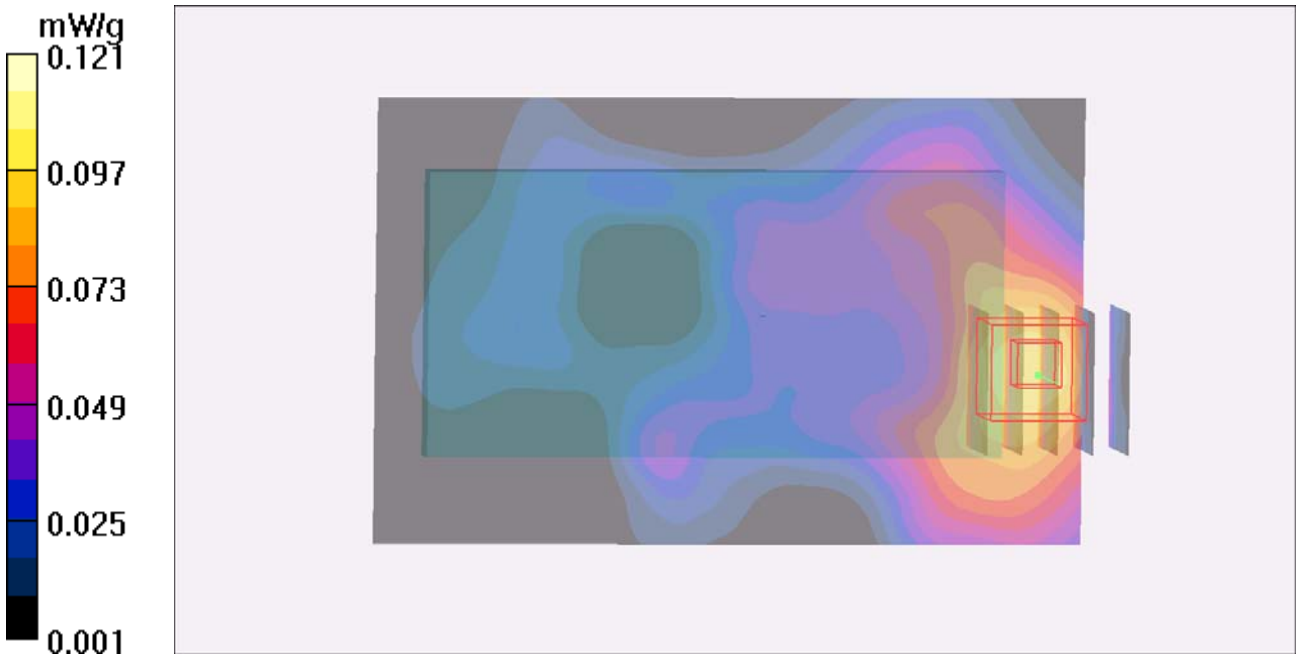
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.103 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.75 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.121 mW/g



P87 802.11b_Rear Face_1cm_Ch11_Sample1

DUT: 120425C07

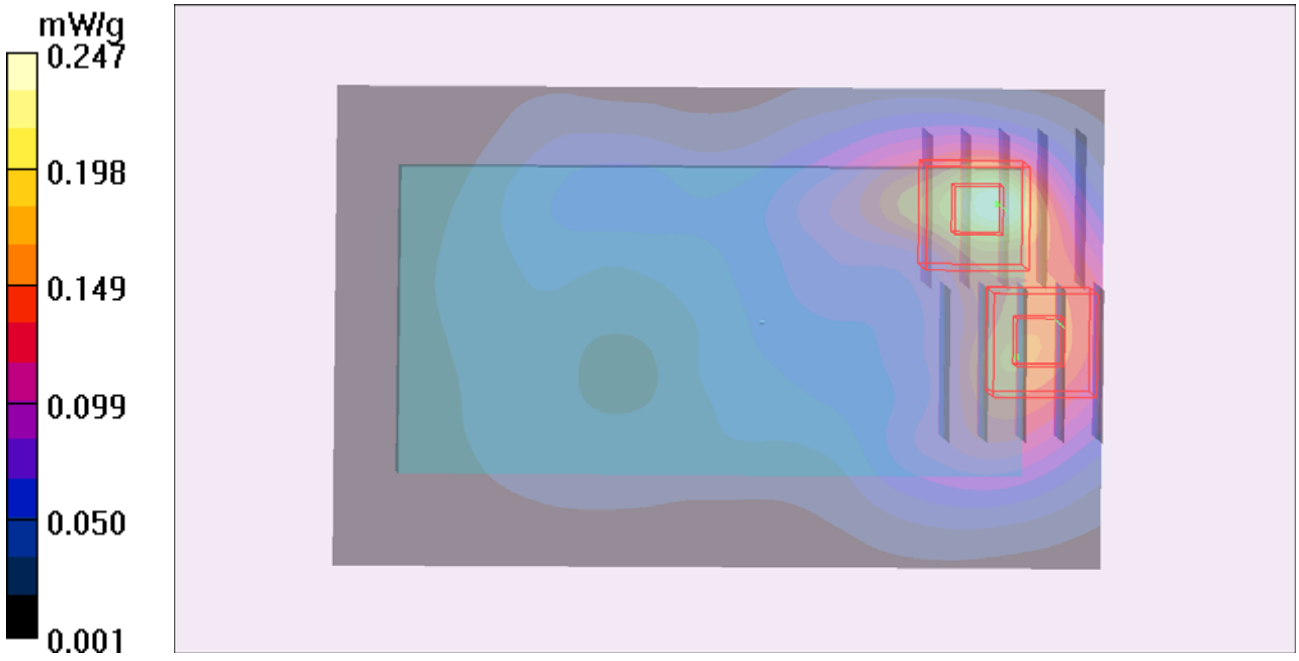
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

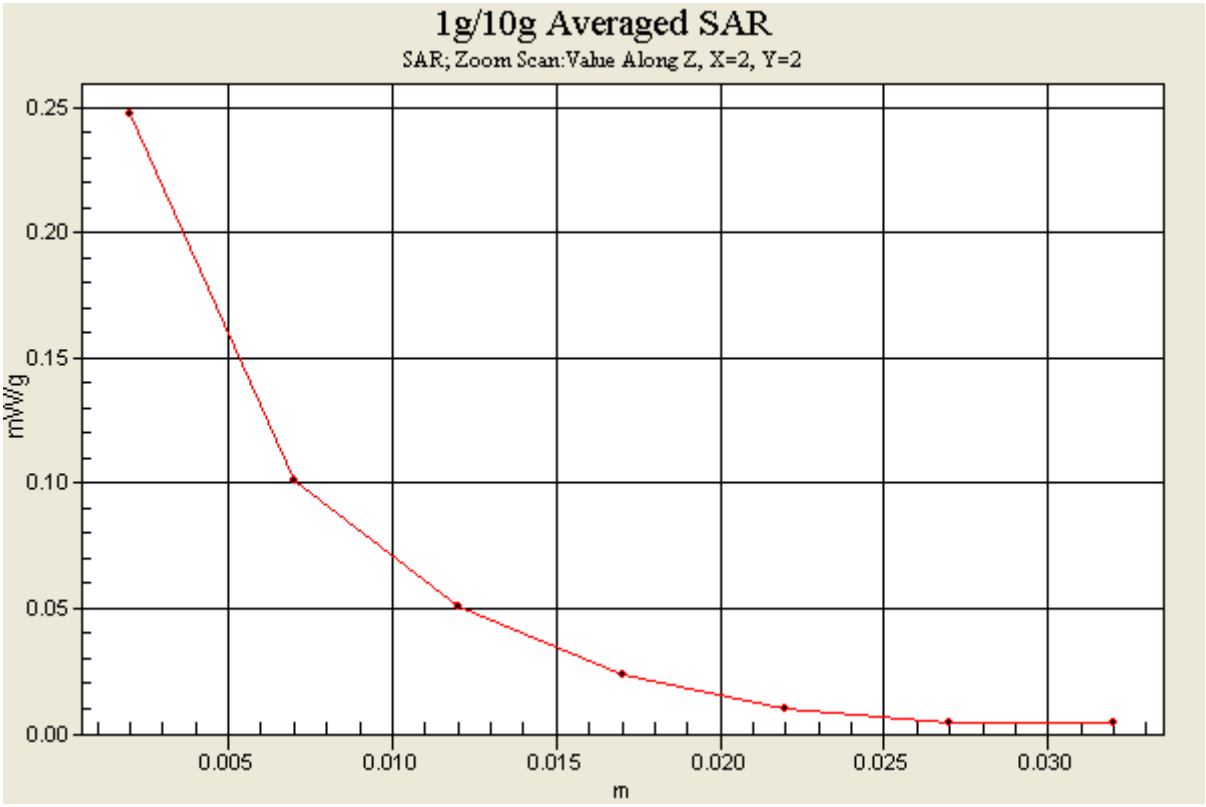
DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.250 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.26 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.247 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.26 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.183 mW/g




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

P88 802.11b_Right Side_1cm_Ch11_Sample1

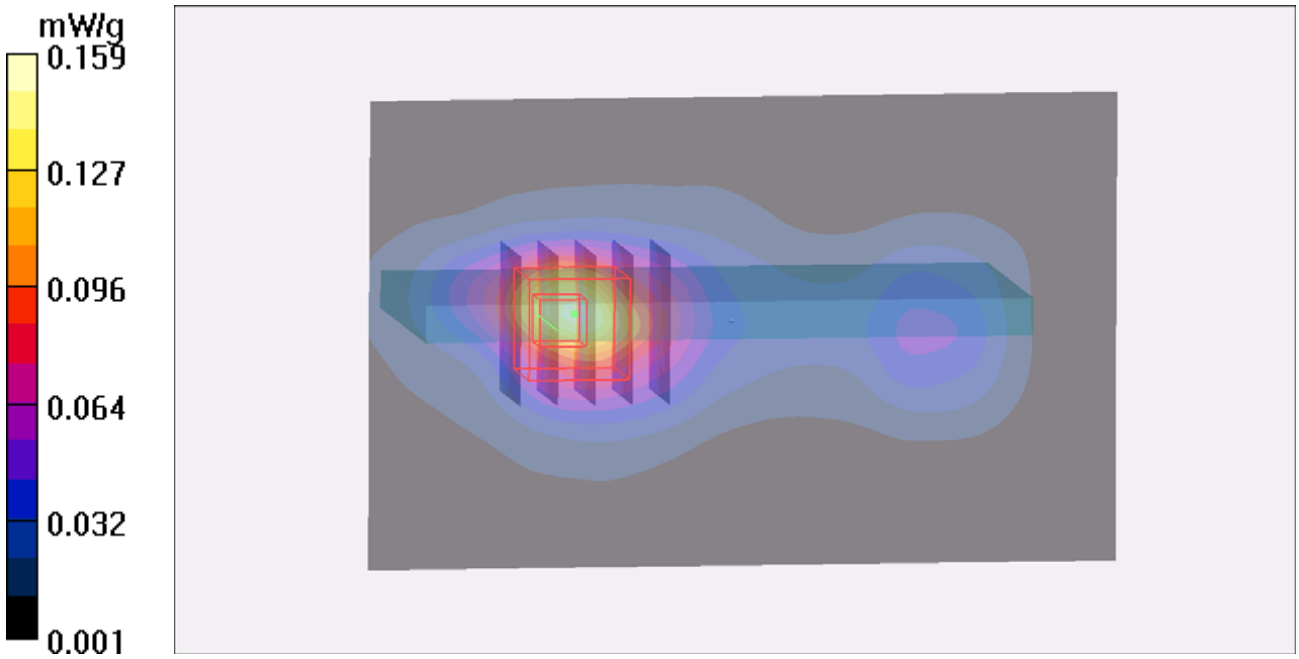
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.153 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.77 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.159 mW/g



P89 802.11b_Top Side_1cm_Ch11_Sample1

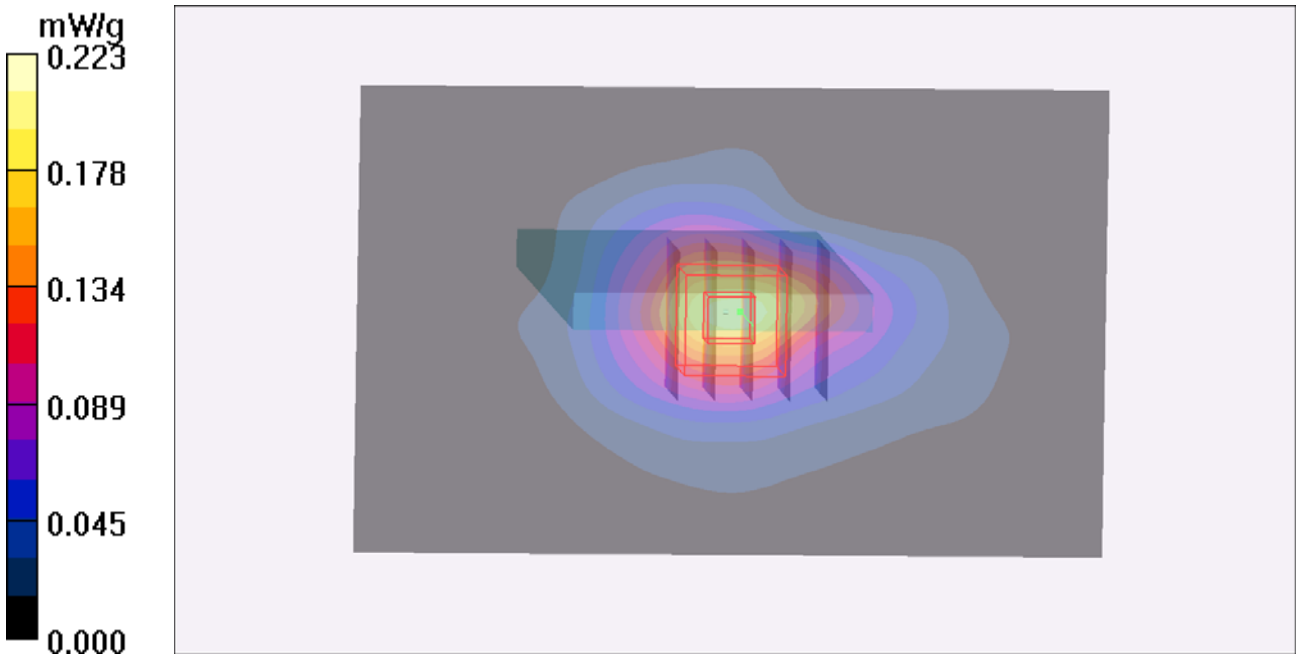
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.206 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



P90 802.11b_Rear Face_1cm_Ch11_Sample2

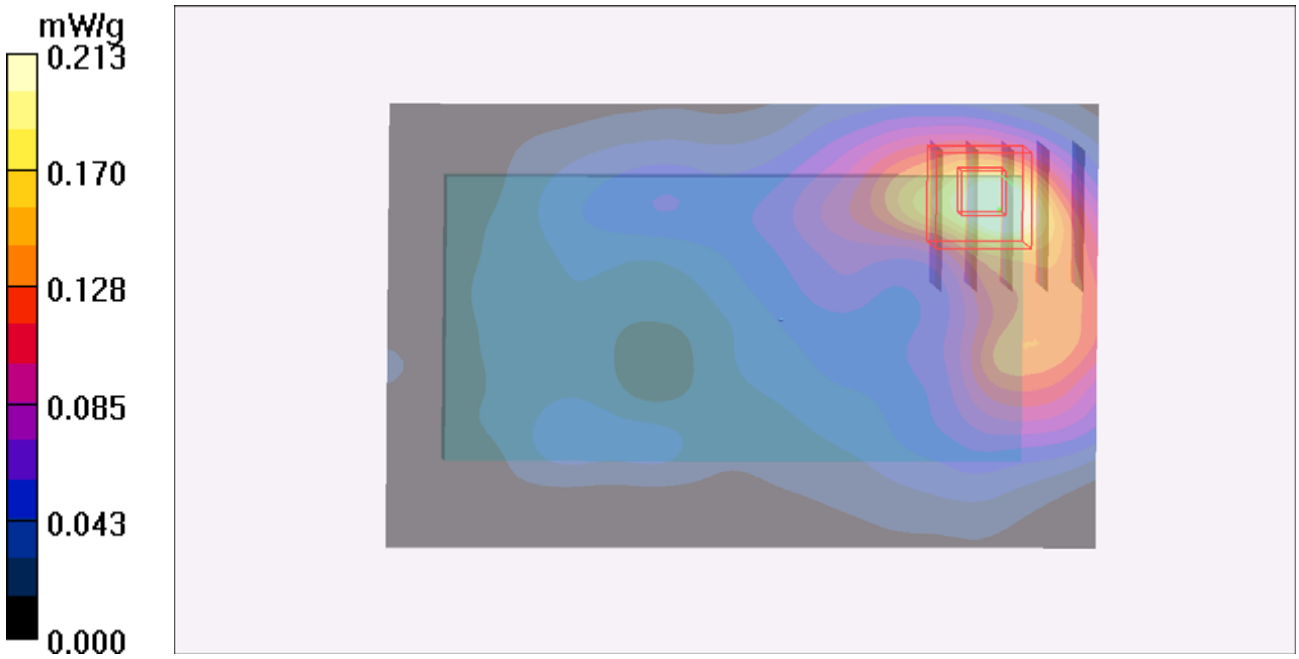
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.17 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.213 mW/g



P91 802.11b_Front Face_1cm_Ch11_Sample2_Earphone2

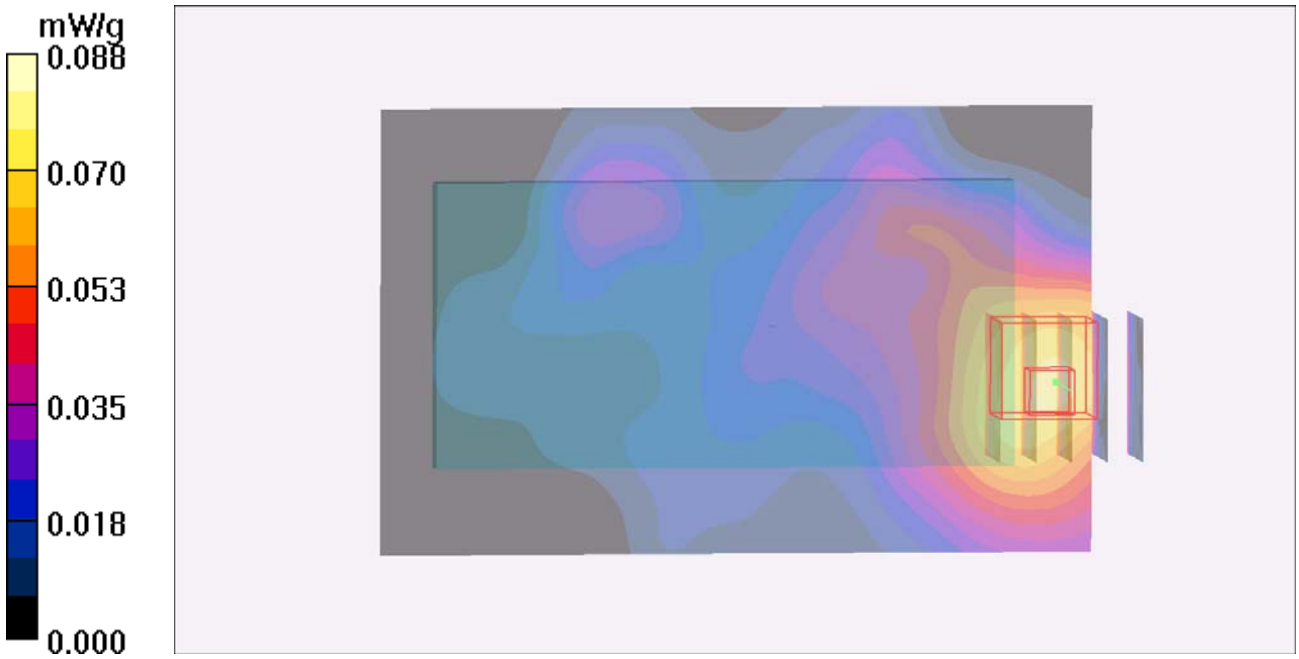
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.079 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.24 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.088 mW/g



P92 802.11b_Rear Face_1cm_Ch11_Sample1_Earphone1

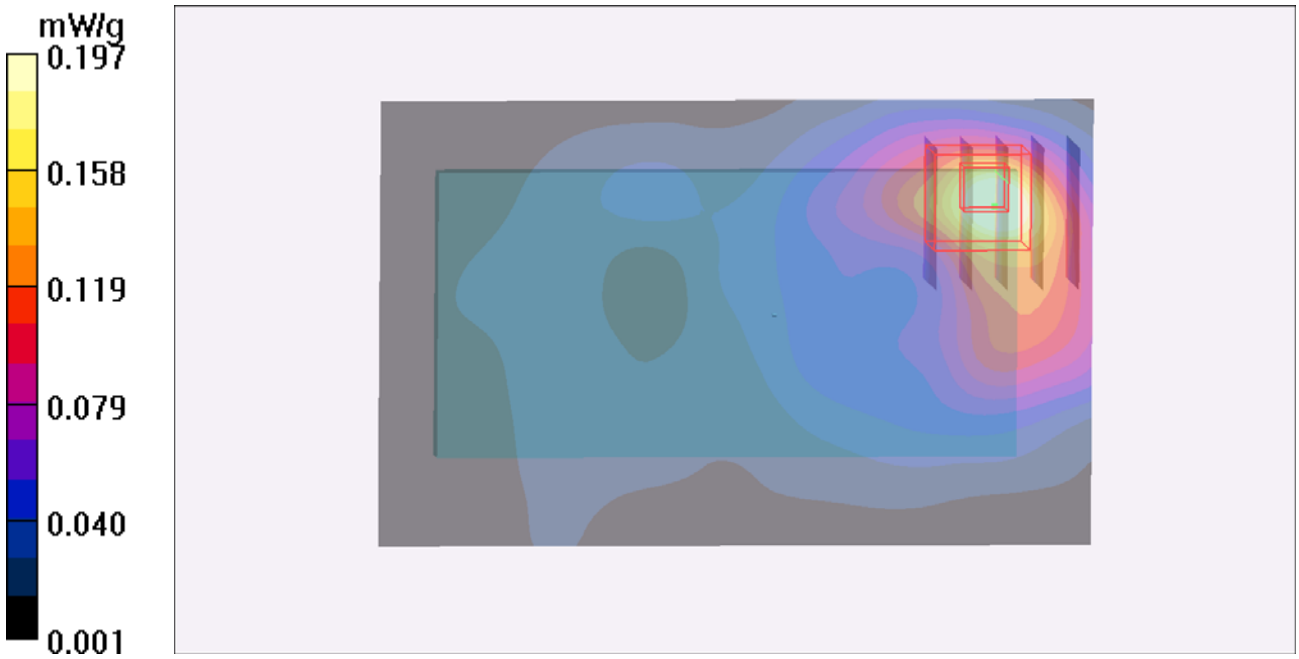
DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.226 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.75 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.197 mW/g



P93 802.11b_Rear Face_1cm_Ch11_Sample2_Earphone2

DUT: 120425C07

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0503 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1039
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.205 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.55 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.174 mW/g