Appendix B. SAR Plots of SAR Measurement

The plots for SAR measurement are shown as follows.

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/09/21

P01 GSM850_GSM_Right Cheek_Ch251

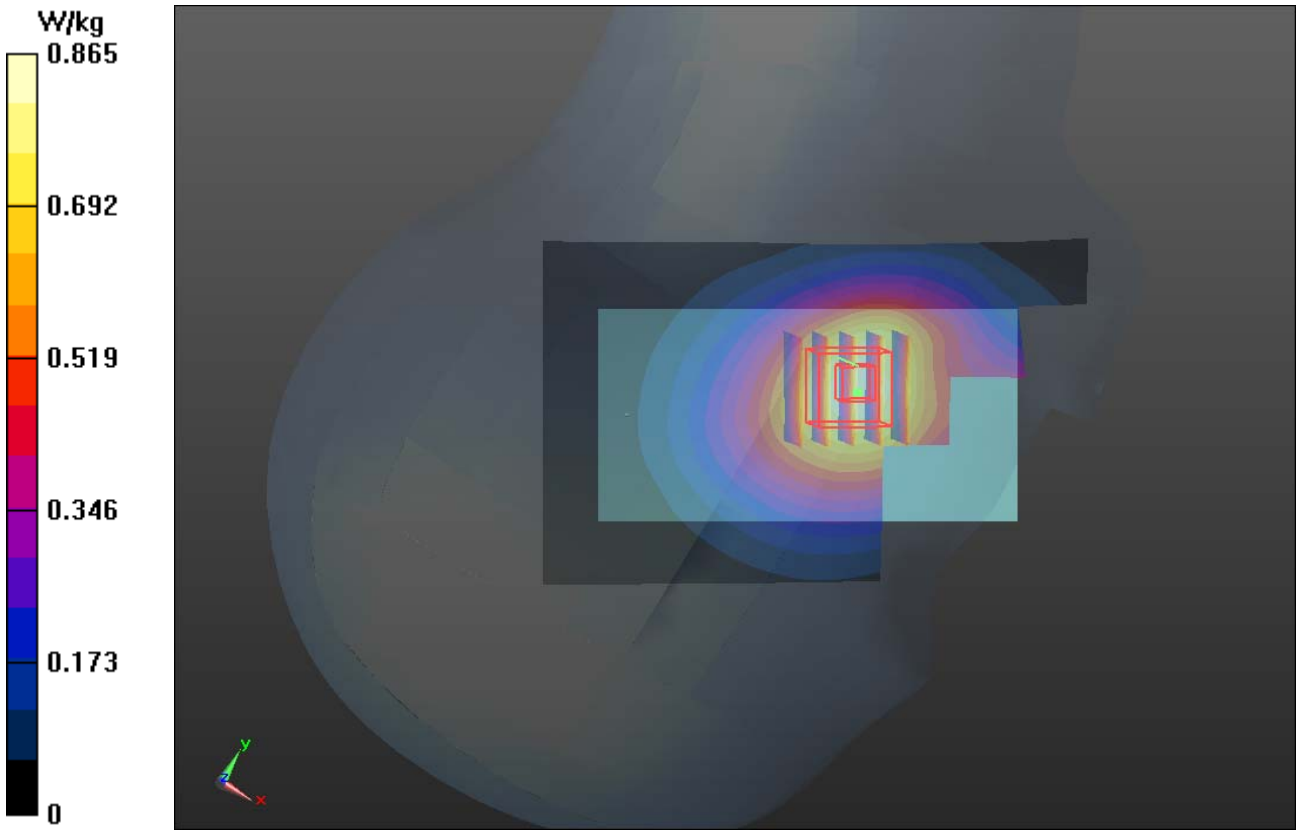
DUT: 120823C14

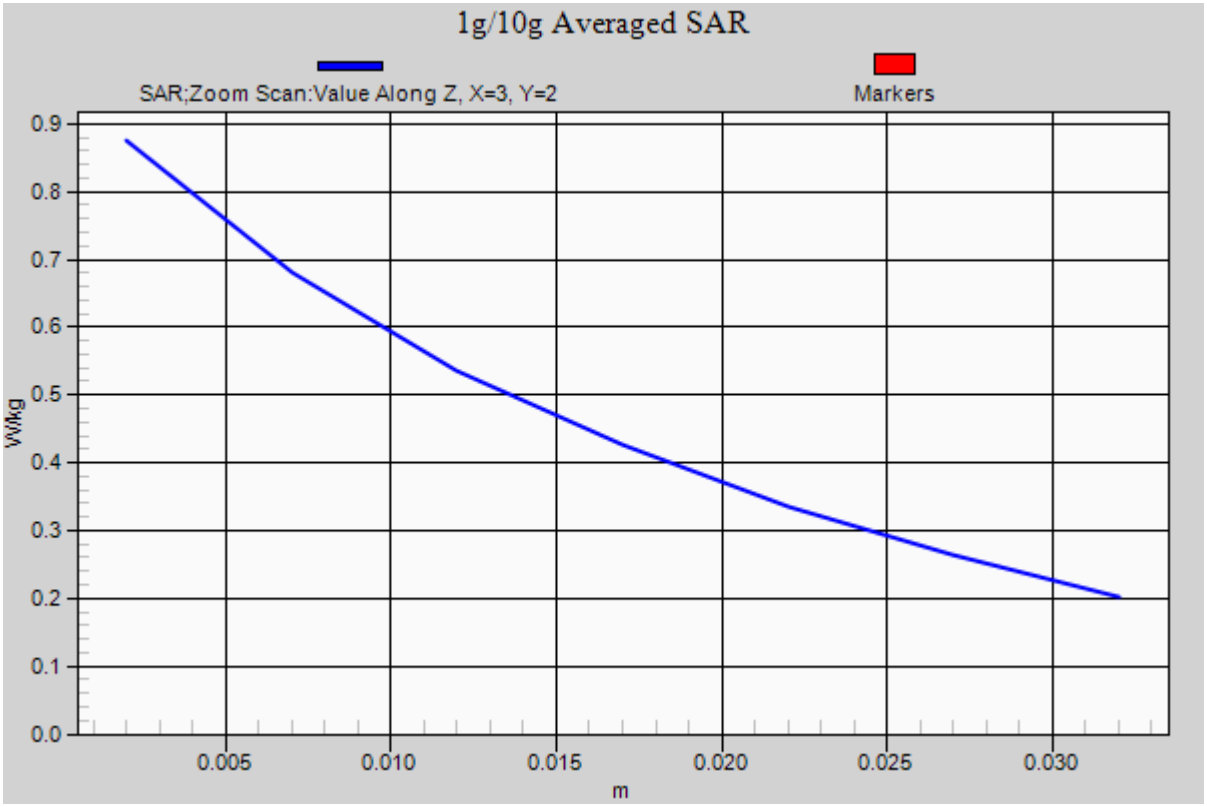
Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0921 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 42.34; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.208 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.979 mW/g
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.579 mW/g
Maximum value of SAR (measured) = 0.875 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
W/kg
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

P02 GSM850_GSM_Right Tilted_Ch251

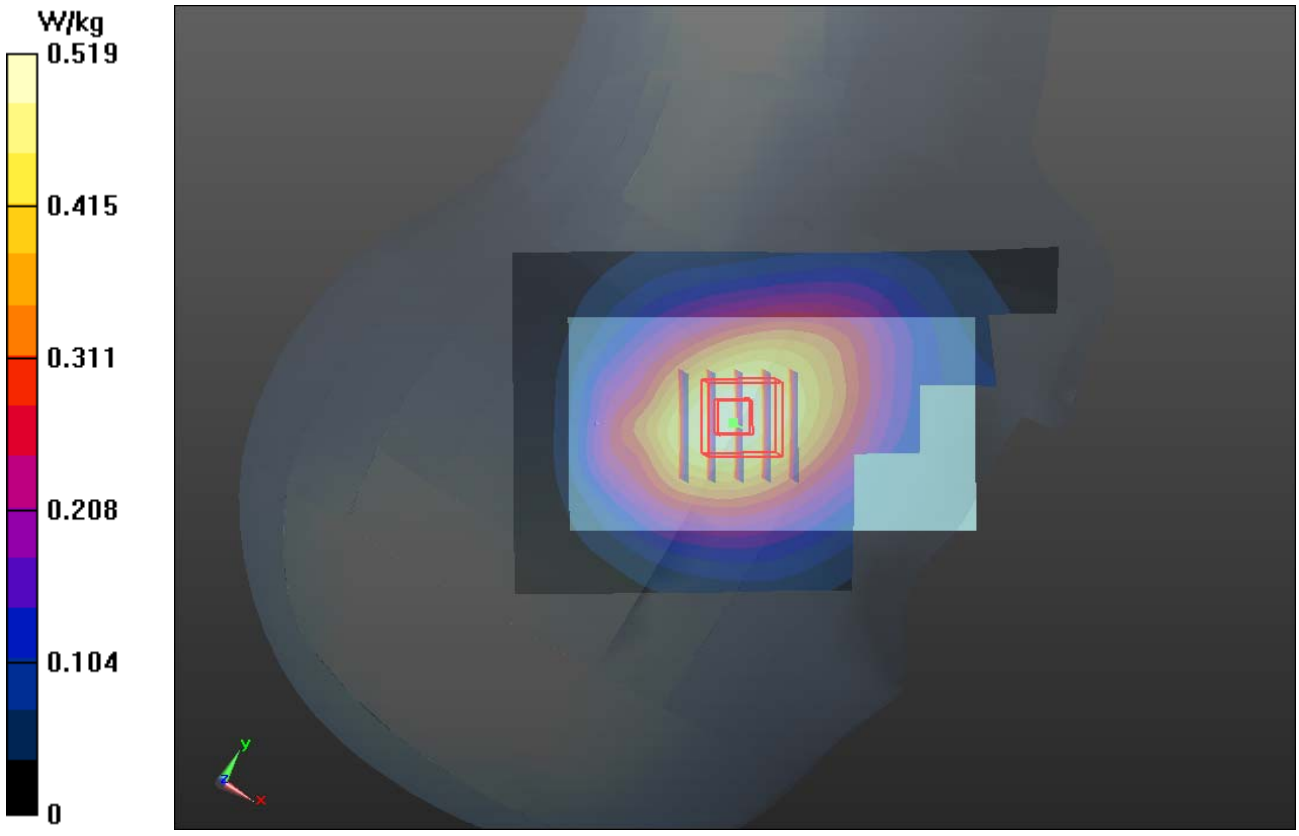
DUT: 120823C14

Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0921 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 42.34; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.519 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.002 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.549 mW/g
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.329 mW/g
Maximum value of SAR (measured) = 0.501 W/kg



P03 GSM850_GSM_Left Cheek_Ch251

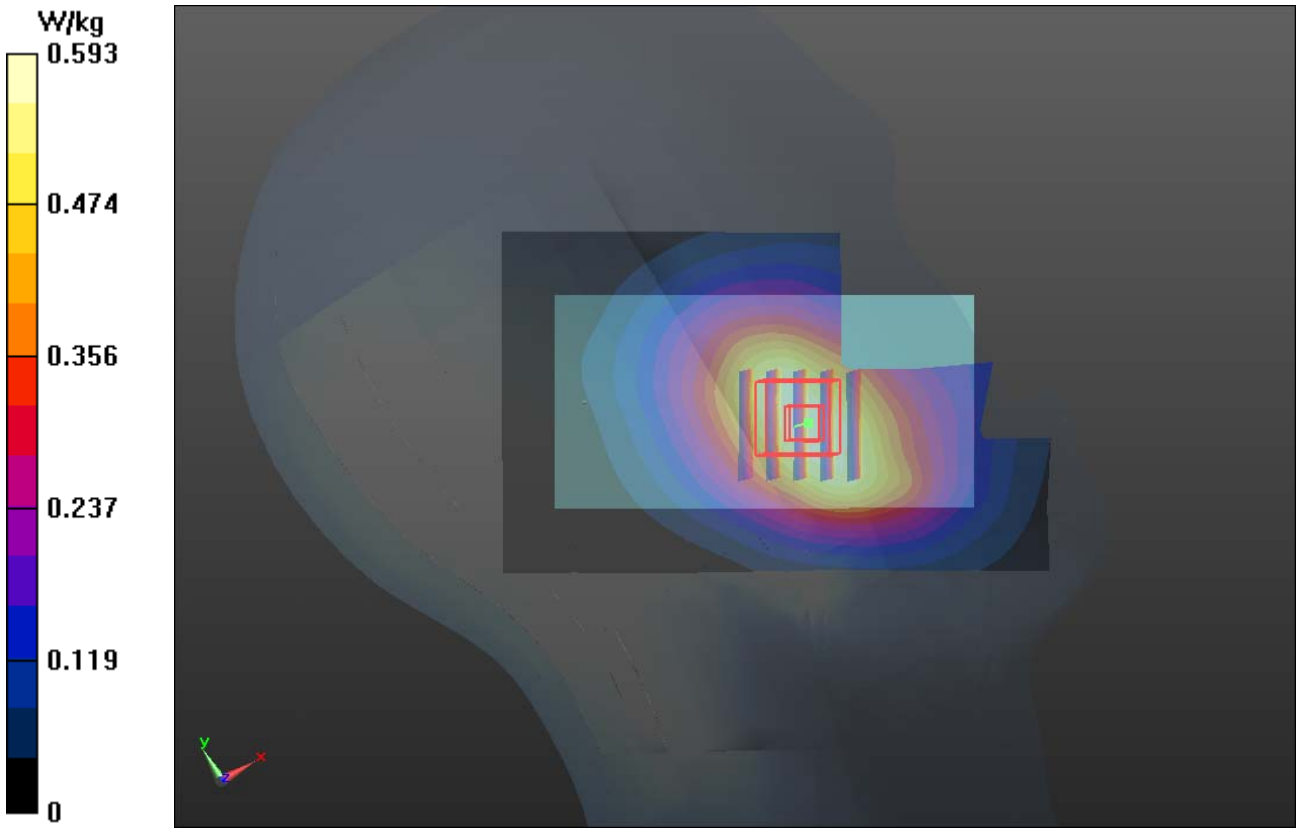
DUT: 120823C14

Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0921 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 42.34; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.593 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.756 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.661 mW/g
SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.595 W/kg



P04 GSM850_GSM_Left Tilted_Ch251

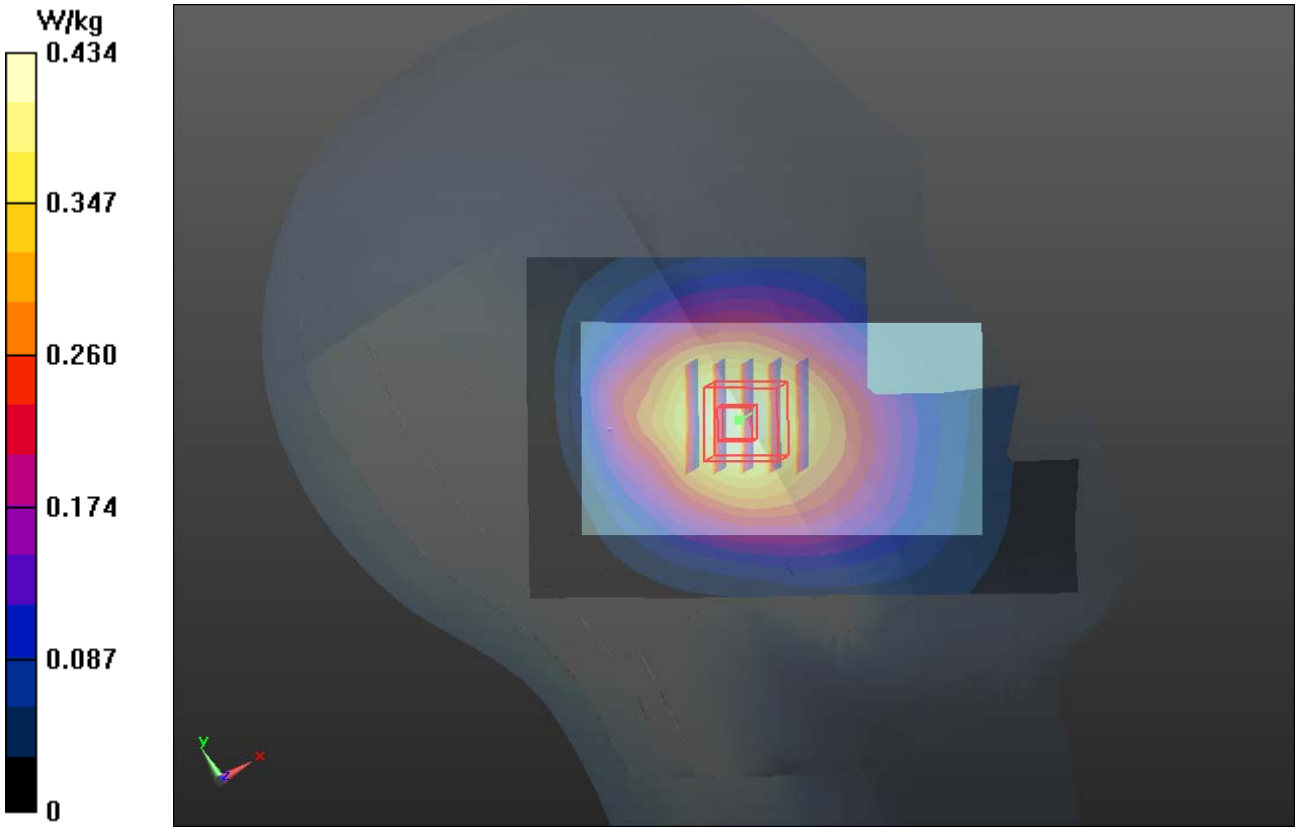
DUT: 120823C14

Communication System: GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium: H835_0921 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 42.34; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.434 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.082 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.462 mW/g
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.276 mW/g
Maximum value of SAR (measured) = 0.423 W/kg



P09 GSM1900_GSM_Right Cheek_Ch810

DUT: 120823C14

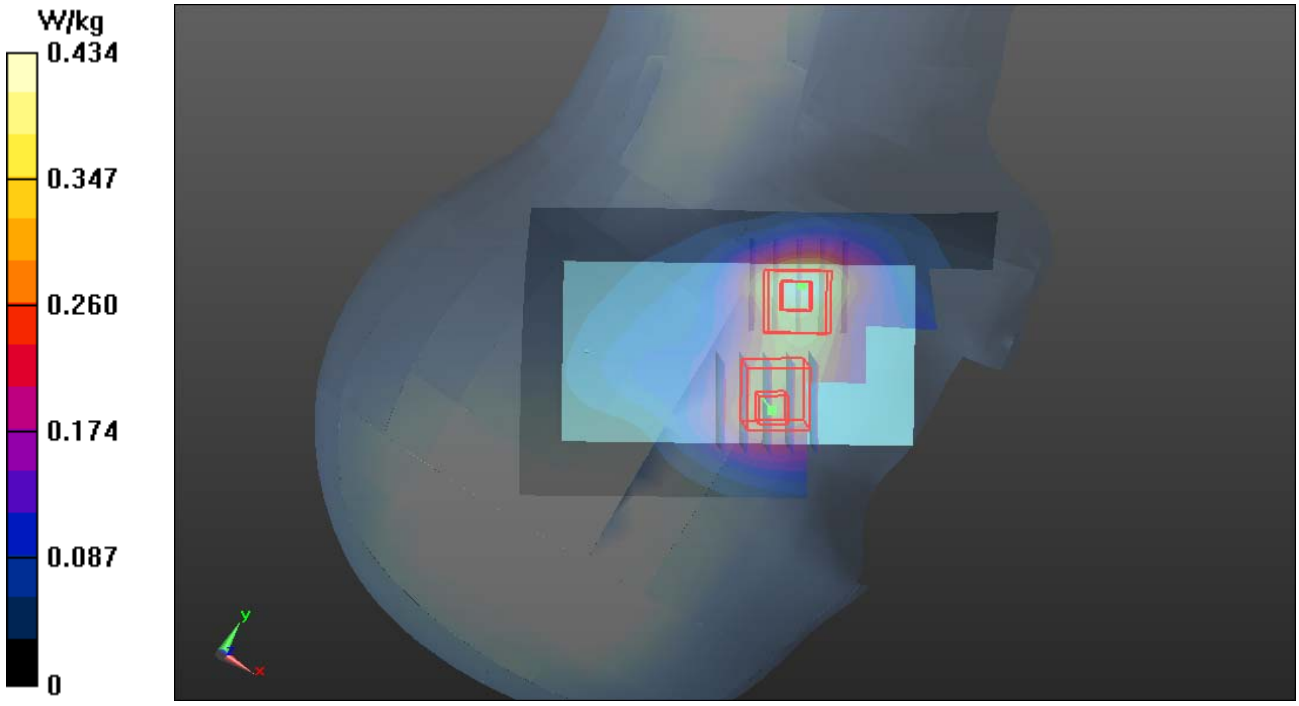
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0923 Medium parameters used: f = 1910 MHz; σ = 1.451 mho/m; ε_r = 39.689; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.434 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.901 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.539 mW/g
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.433 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.901 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.399 mW/g
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.329 W/kg



P10 GSM1900_GSM_Right Tilted_Ch810

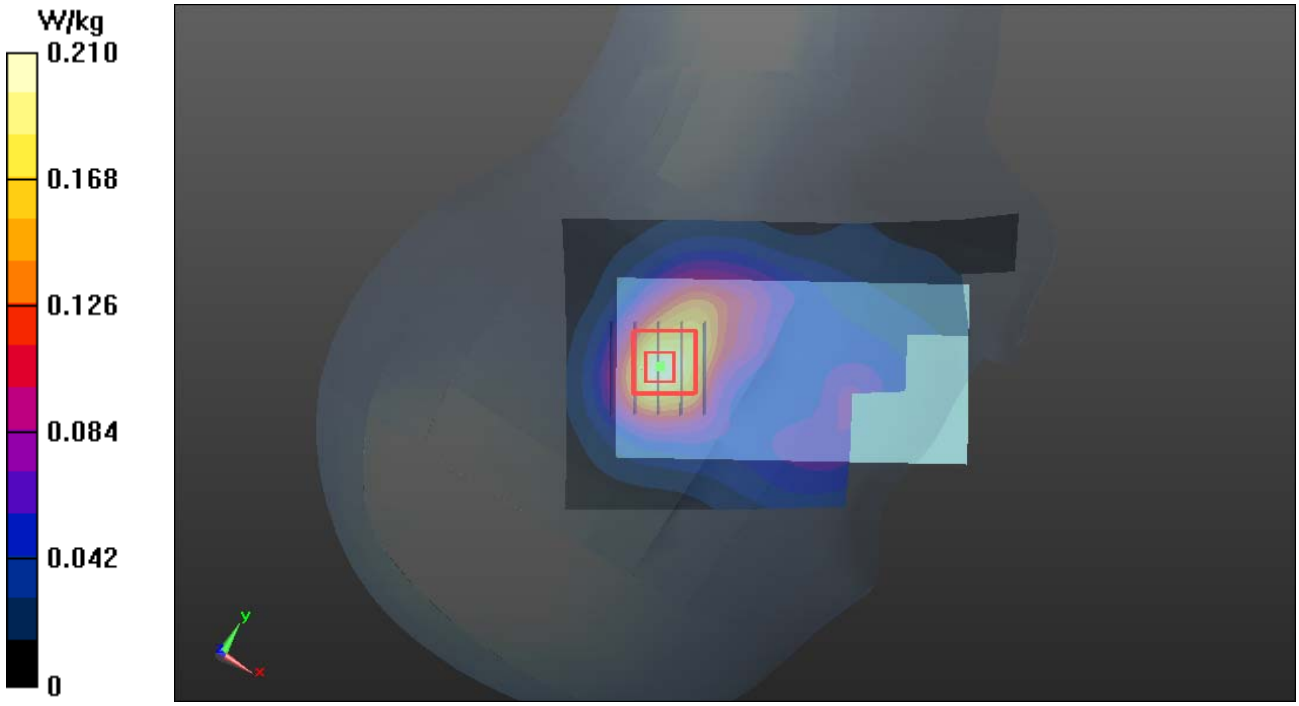
DUT: 120823C14

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0923 Medium parameters used: f = 1910 MHz; σ = 1.451 mho/m; ε_r = 39.689; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.210 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.578 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.204 W/kg



P11 GSM1900_GSM_Left Cheek_Ch810

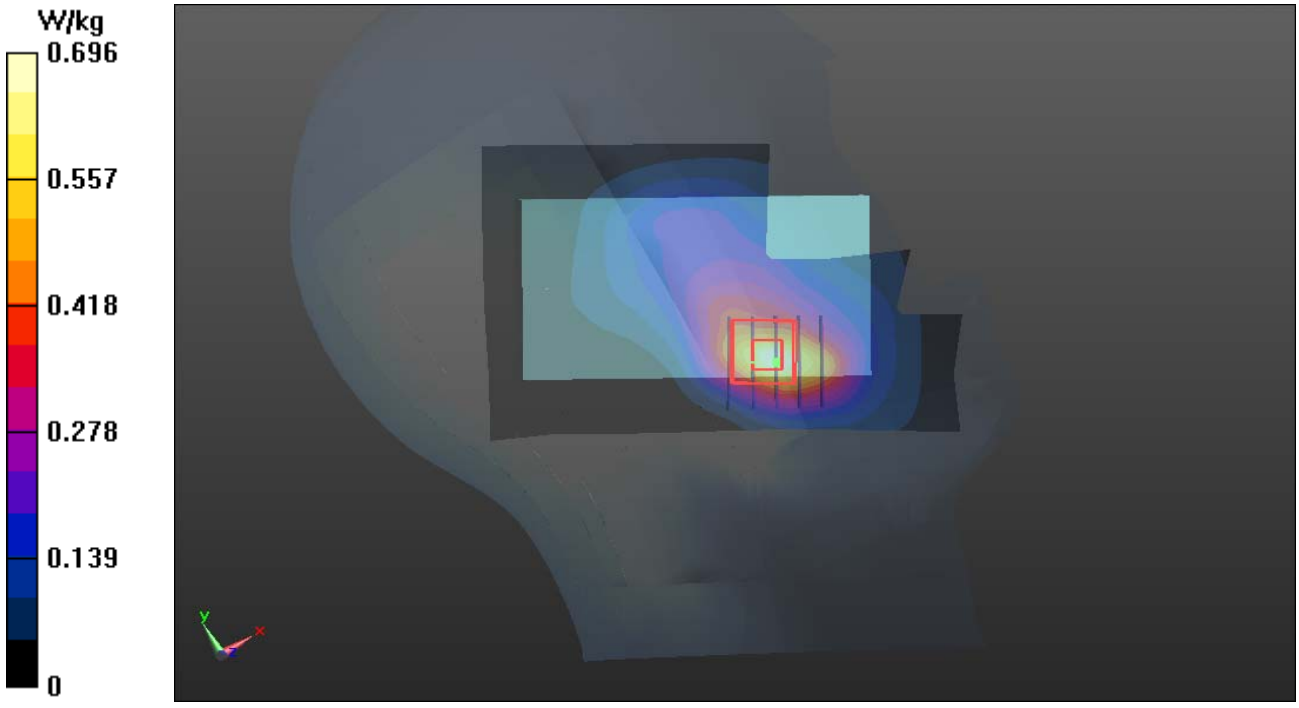
DUT: 120823C14

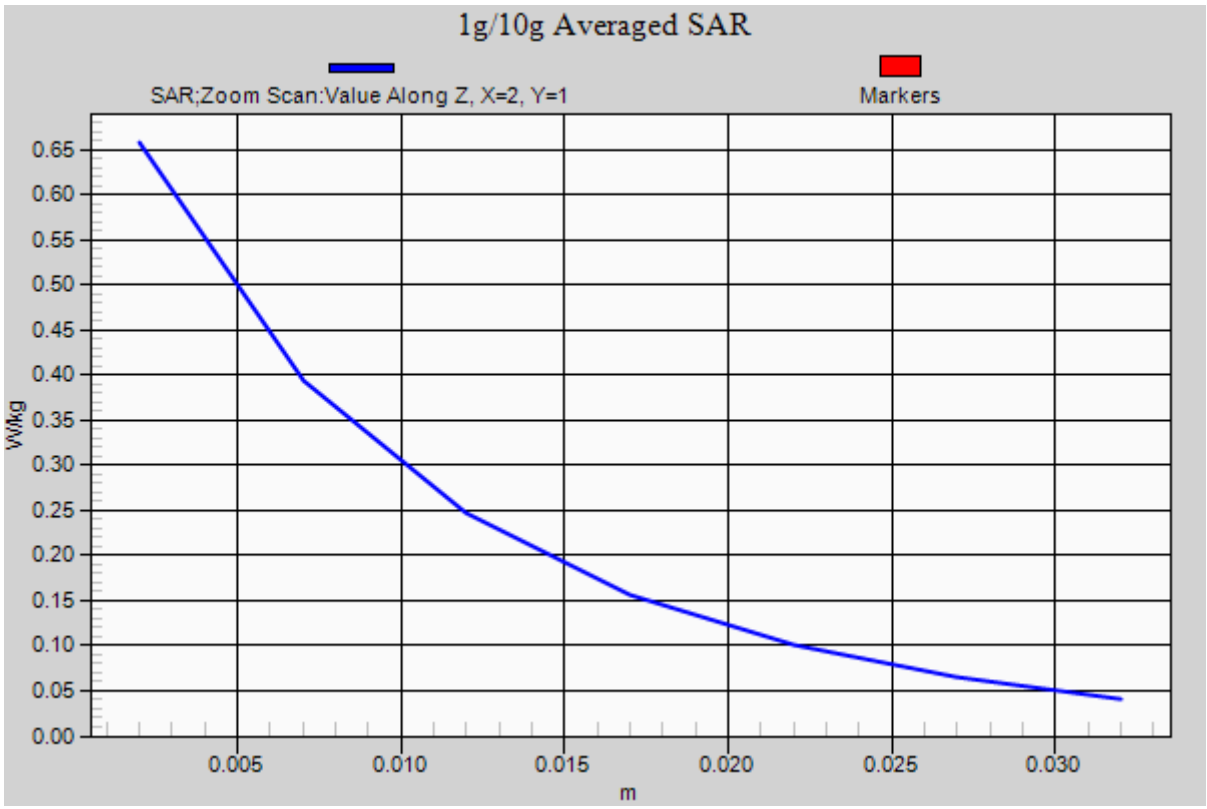
Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0923 Medium parameters used: f = 1910 MHz; σ = 1.451 mho/m; ε_r = 39.689; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.696 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.331 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.829 mW/g
SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.658 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=1
Markers
W/kg
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

P12 GSM1900_GSM_Left Tilted_Ch810

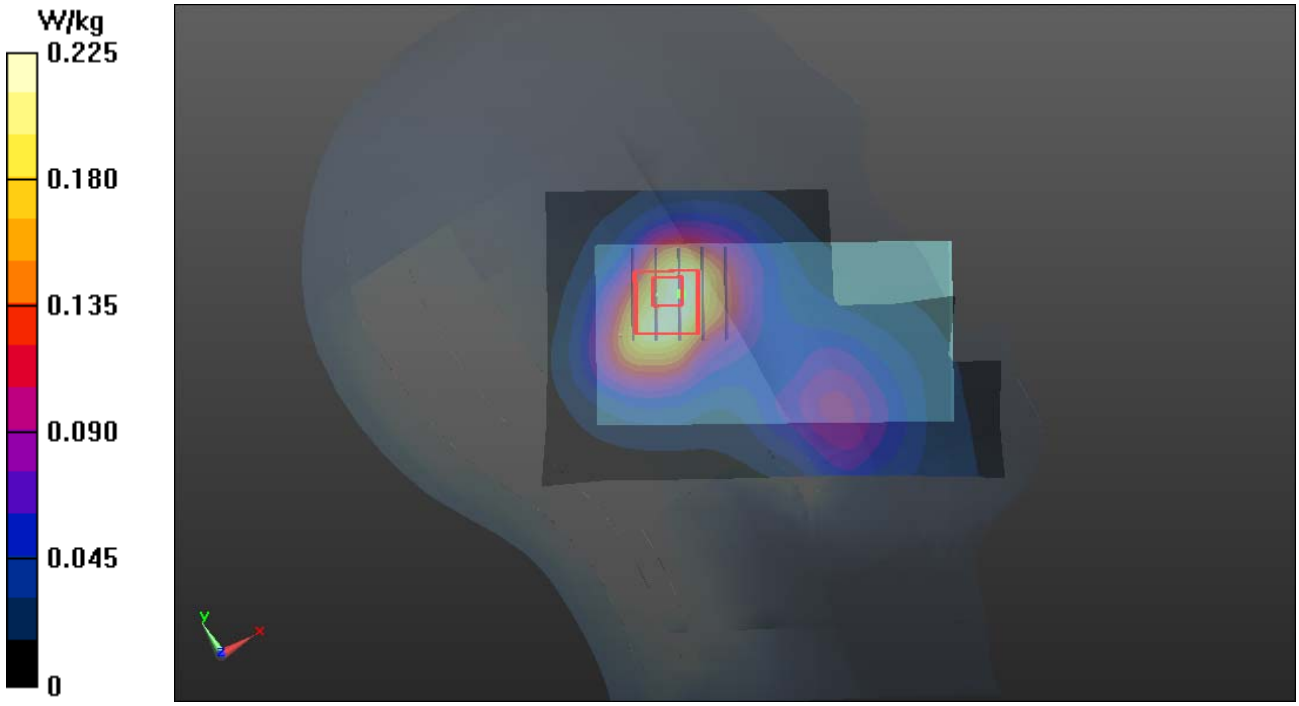
DUT: 120823C14

Communication System: GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: H1900_0923 Medium parameters used: f = 1910 MHz; σ = 1.451 mho/m; ε_r = 39.689; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.225 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.119 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.260 mW/g
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.212 W/kg



P05 WCDMA V_RMC12.2k_Right Cheek_Ch4233

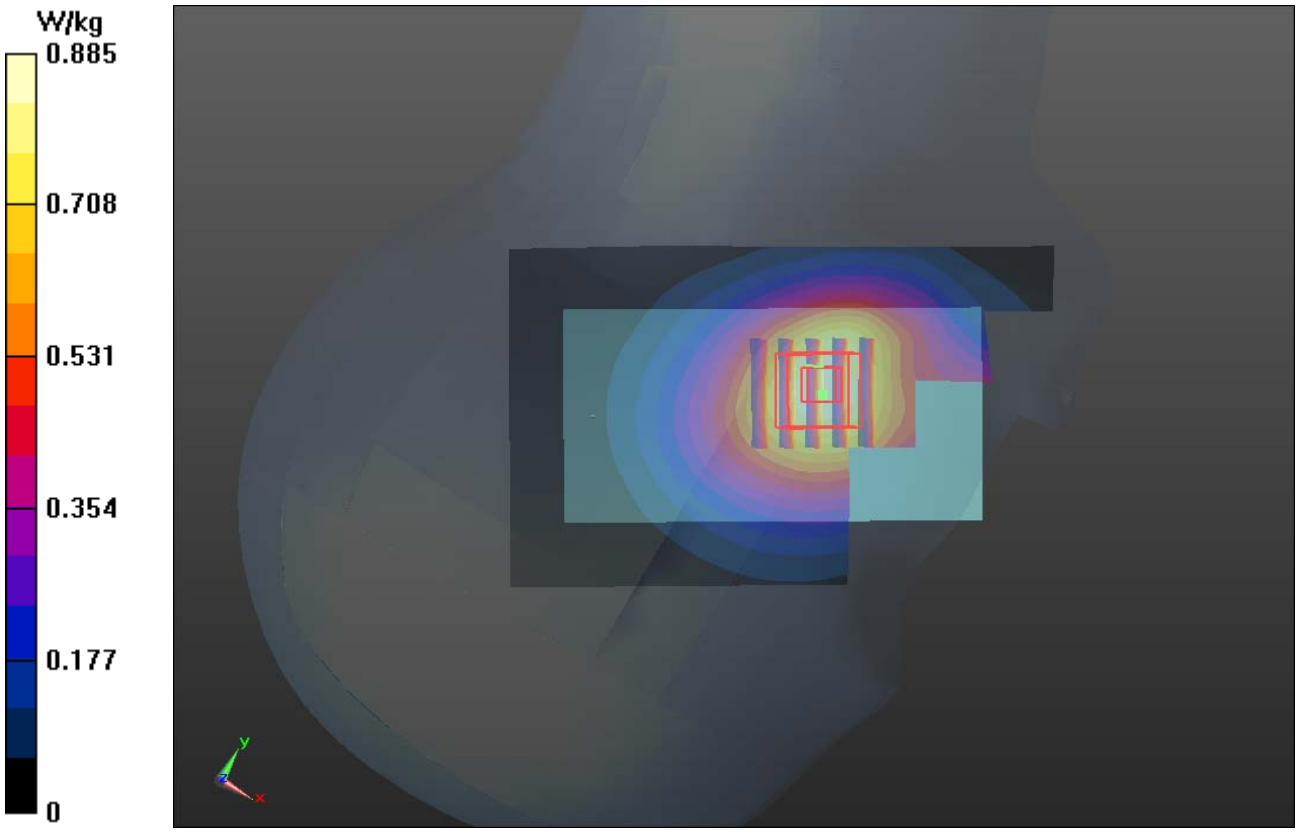
DUT: 120823C14

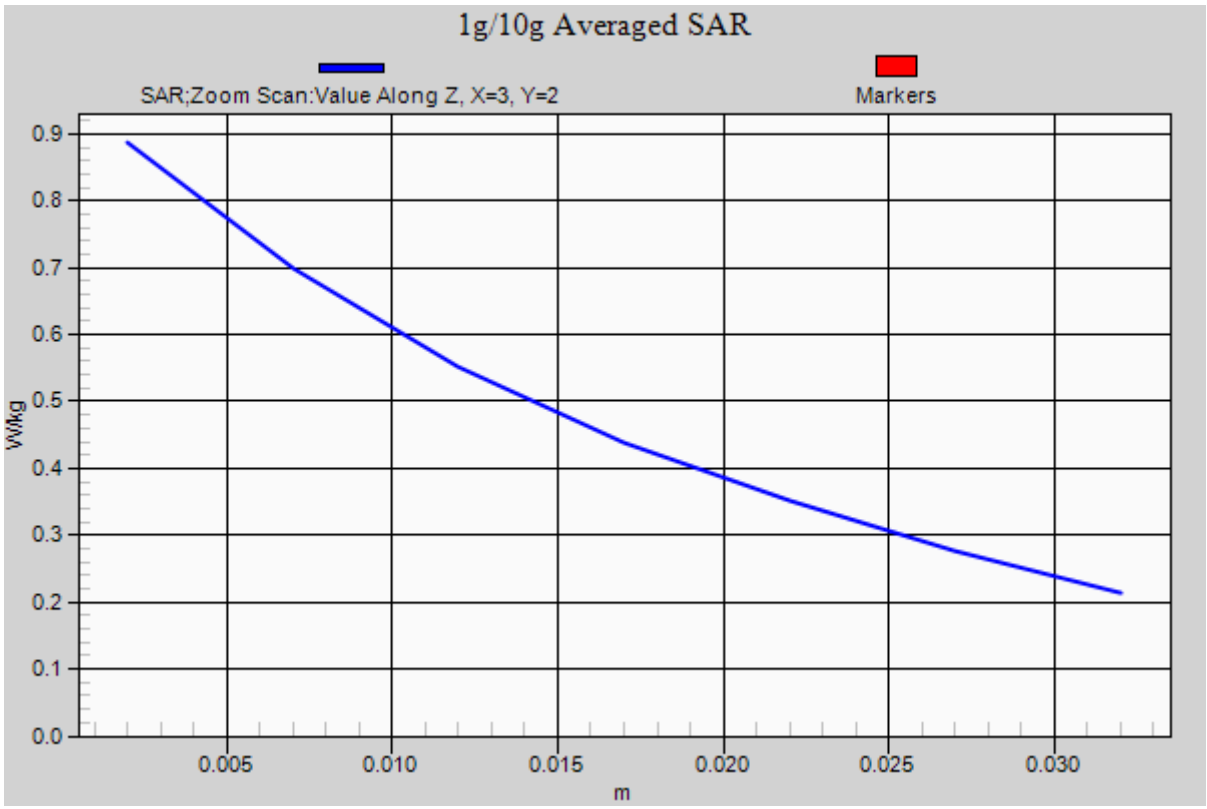
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0921 Medium parameters used: f = 847 MHz; σ = 0.925 mho/m; ε_r = 42.366; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.885 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.014 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.985 mW/g
SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 0.887 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
W/kg
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

P06 WCDMA V_RMC12.2k_Right Tilted_Ch4233

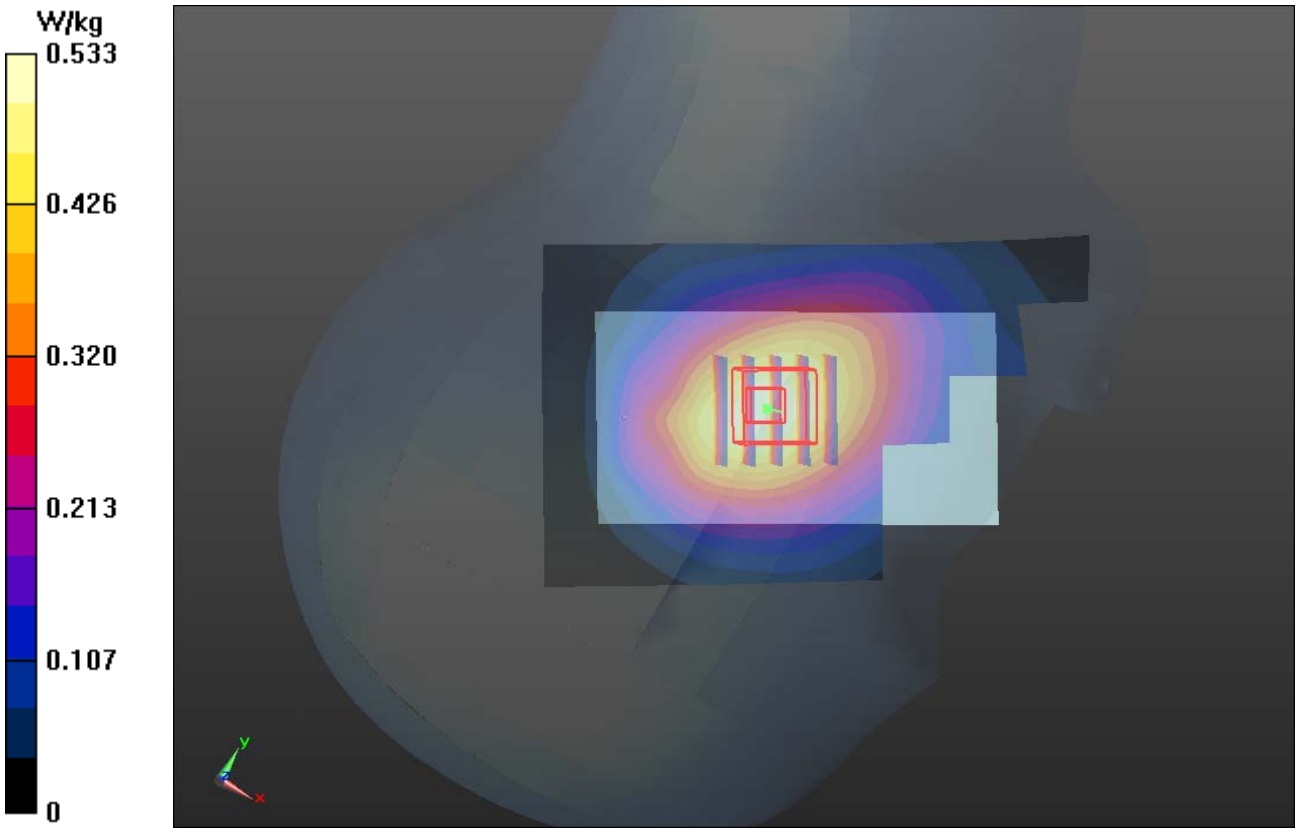
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0921 Medium parameters used: f = 847 MHz; σ = 0.925 mho/m; ε_r = 42.366; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.533 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.901 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.567 mW/g
SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.342 mW/g
Maximum value of SAR (measured) = 0.517 W/kg



P07 WCDMA V_RMC12.2k_Left Cheek_Ch4233

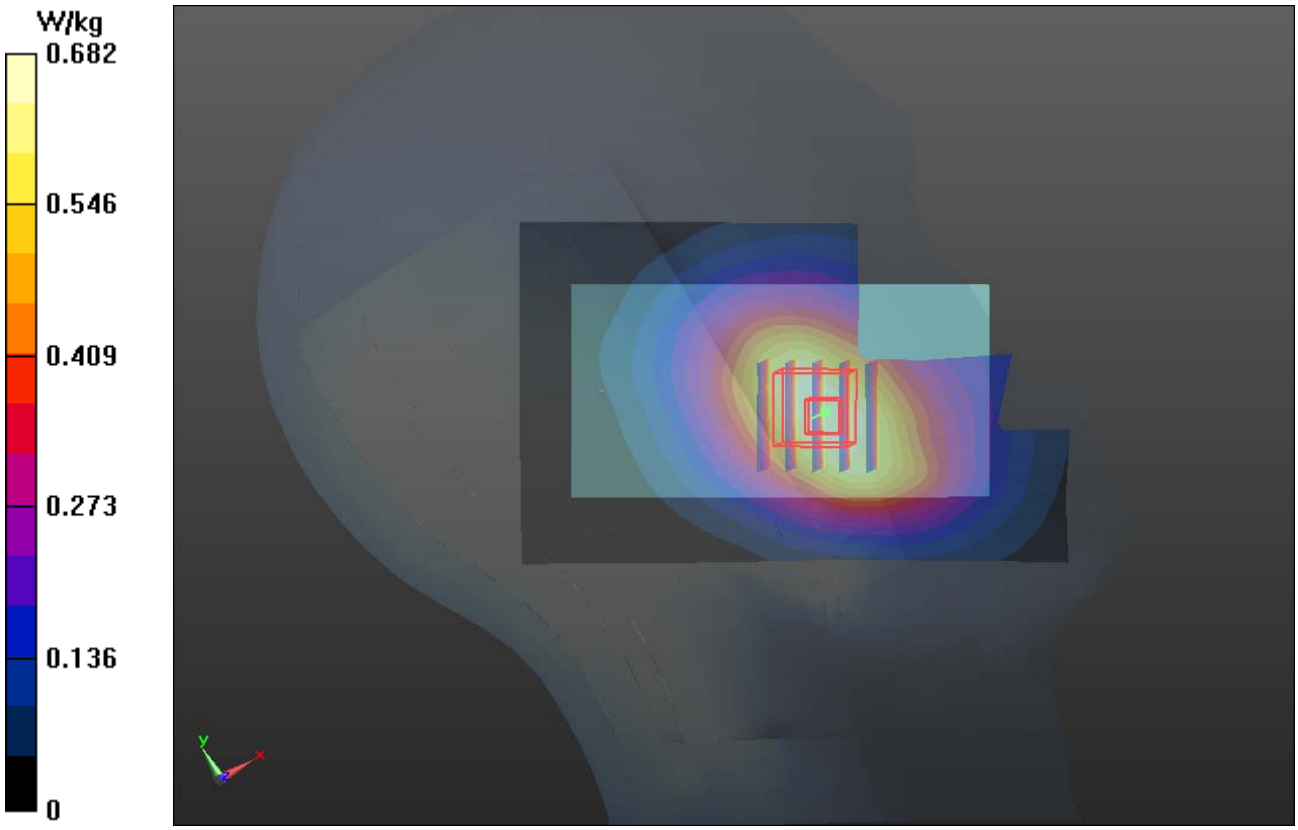
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0921 Medium parameters used: f = 847 MHz; σ = 0.925 mho/m; ε_r = 42.366; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.682 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.116 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.774 mW/g
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.690 W/kg



P08 WCDMA V_RMC12.2k_Left Tilted_Ch4233

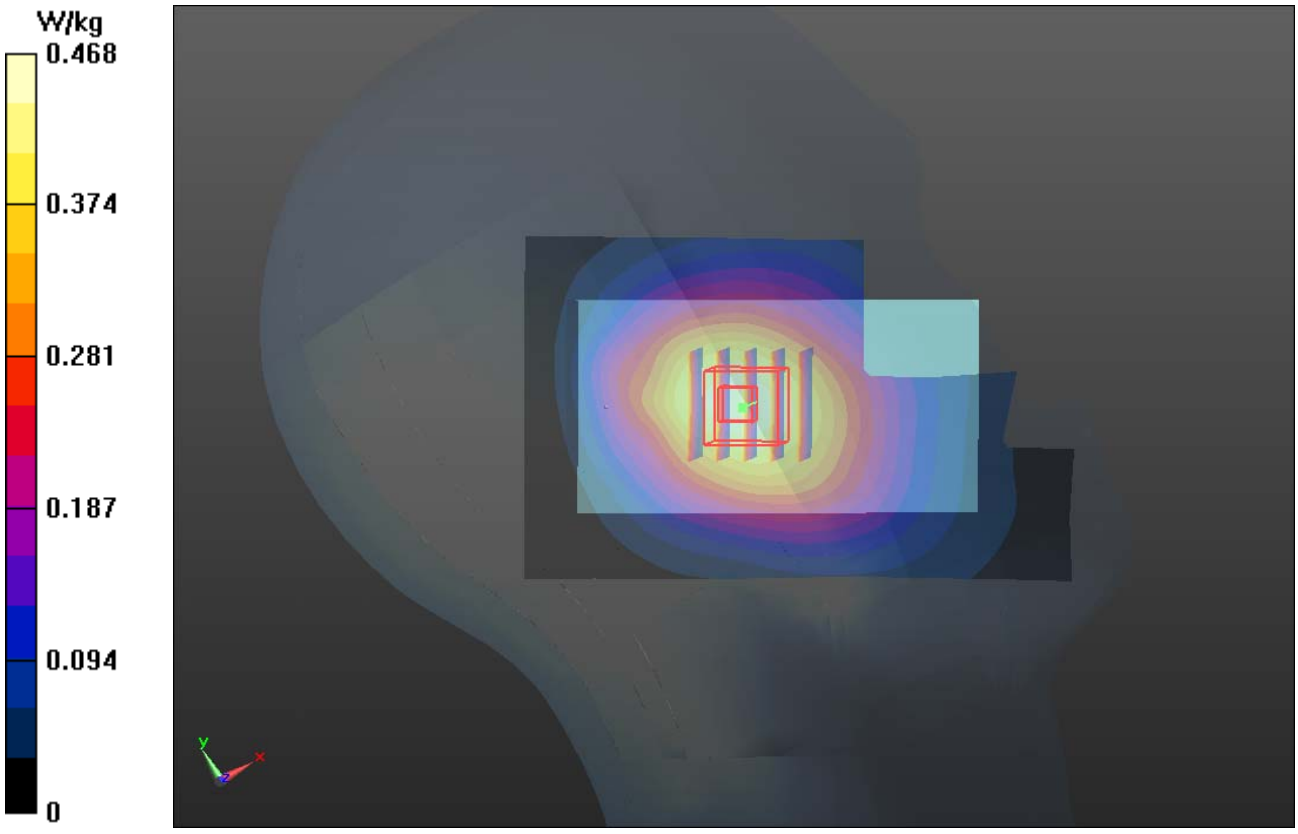
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835_0921 Medium parameters used: f = 847 MHz; σ = 0.925 mho/m; ε_r = 42.366; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.468 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.949 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.493 mW/g
SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.451 W/kg



P113 802.11b_Right Cheek_Ch6

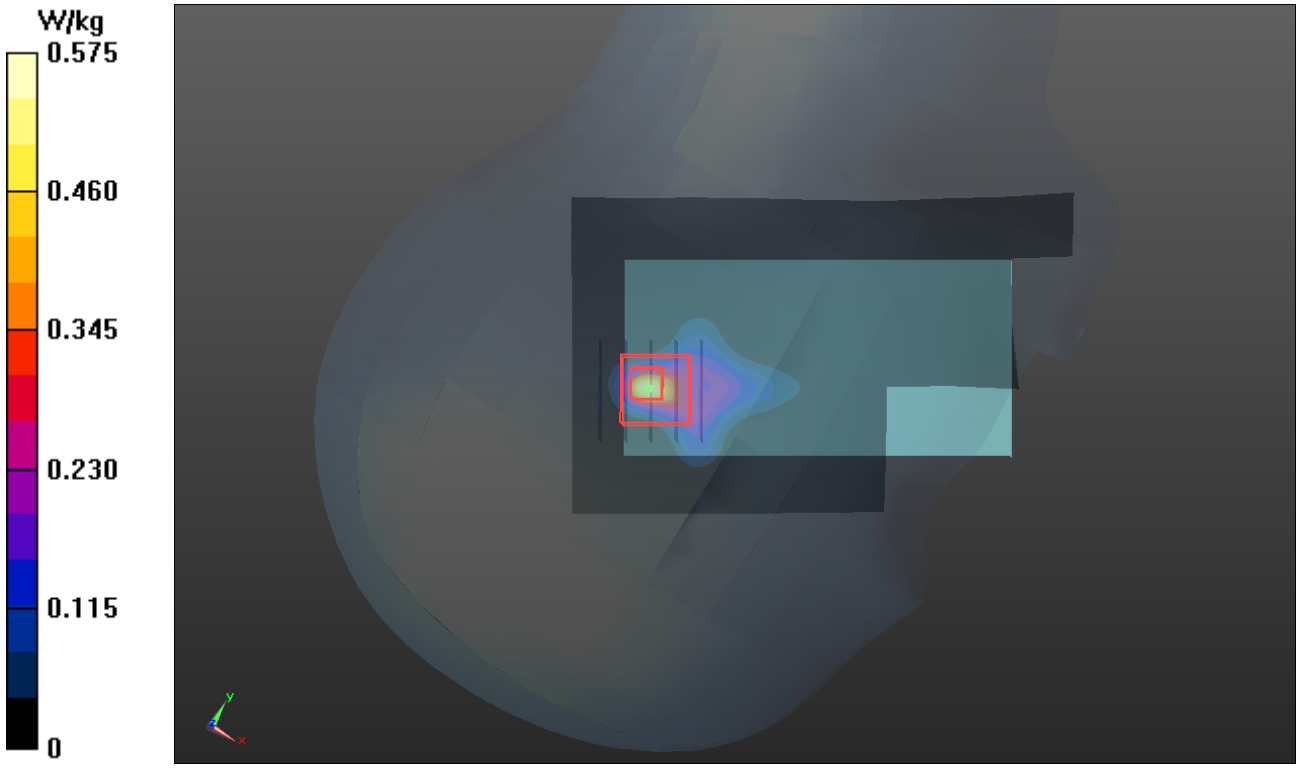
DUT: 120823C14

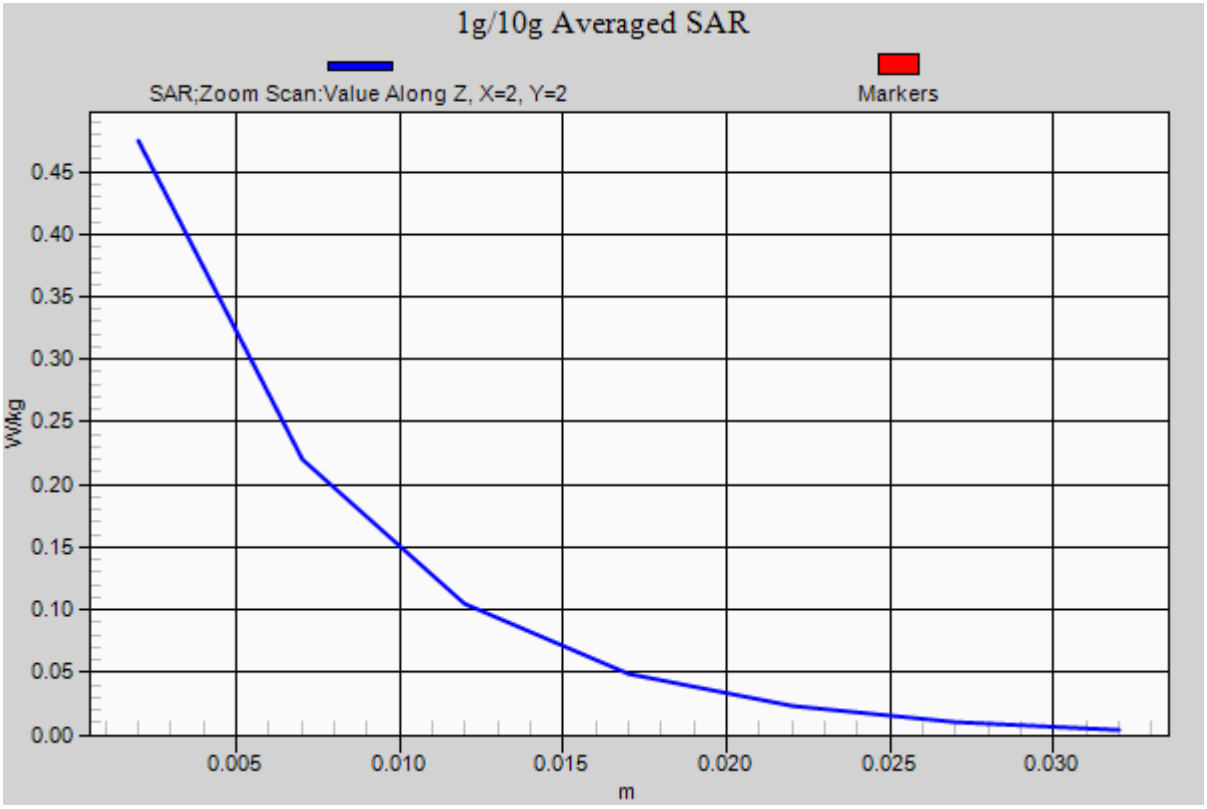
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_1005 Medium parameters used: f = 2437 MHz; σ = 1.85 mho/m; ε_r = 40.601; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.575 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.762 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.662 mW/g
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.474 W/kg




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

P114 802.11b_Right Tilted_Ch6

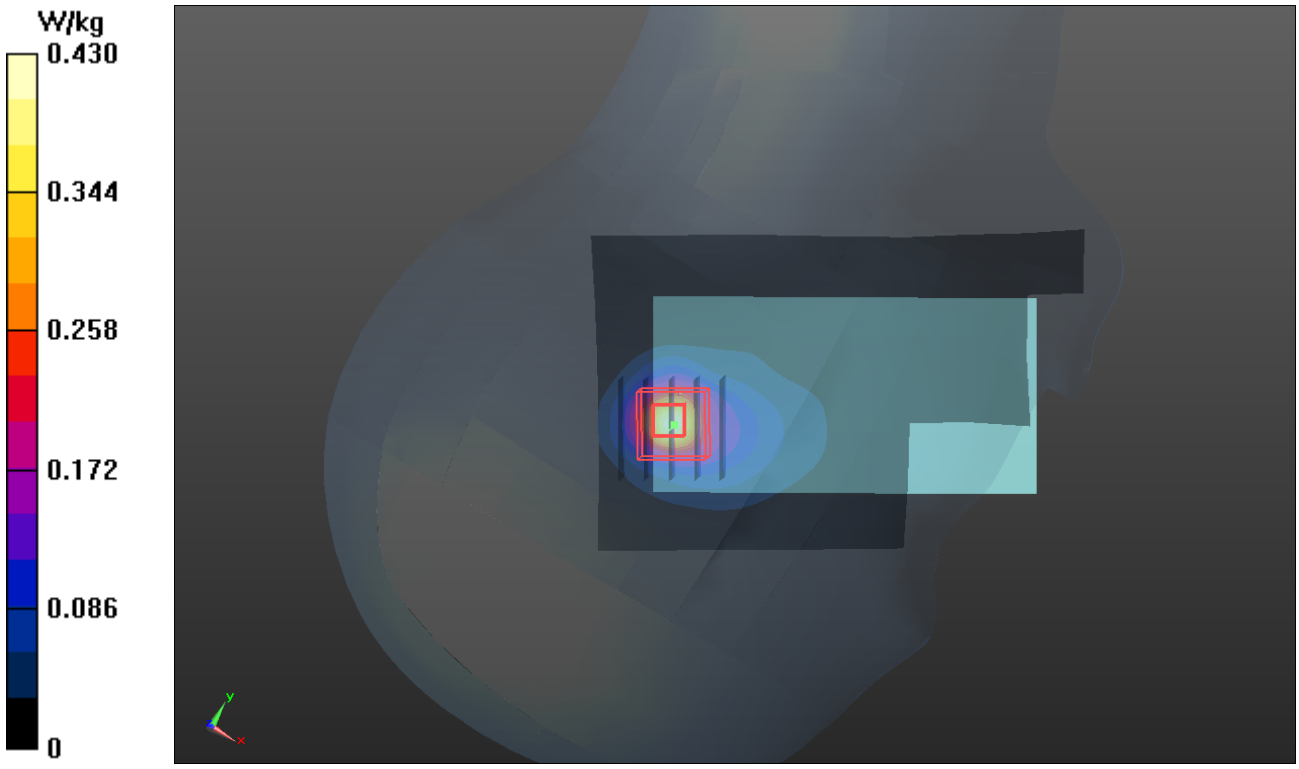
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_1005 Medium parameters used: f = 2437 MHz; σ = 1.85 mho/m; ε_r = 40.601; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Interpolated grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.430 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.559 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.576 mW/g
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.408 W/kg



P115 802.11b_Left Cheek_Ch6

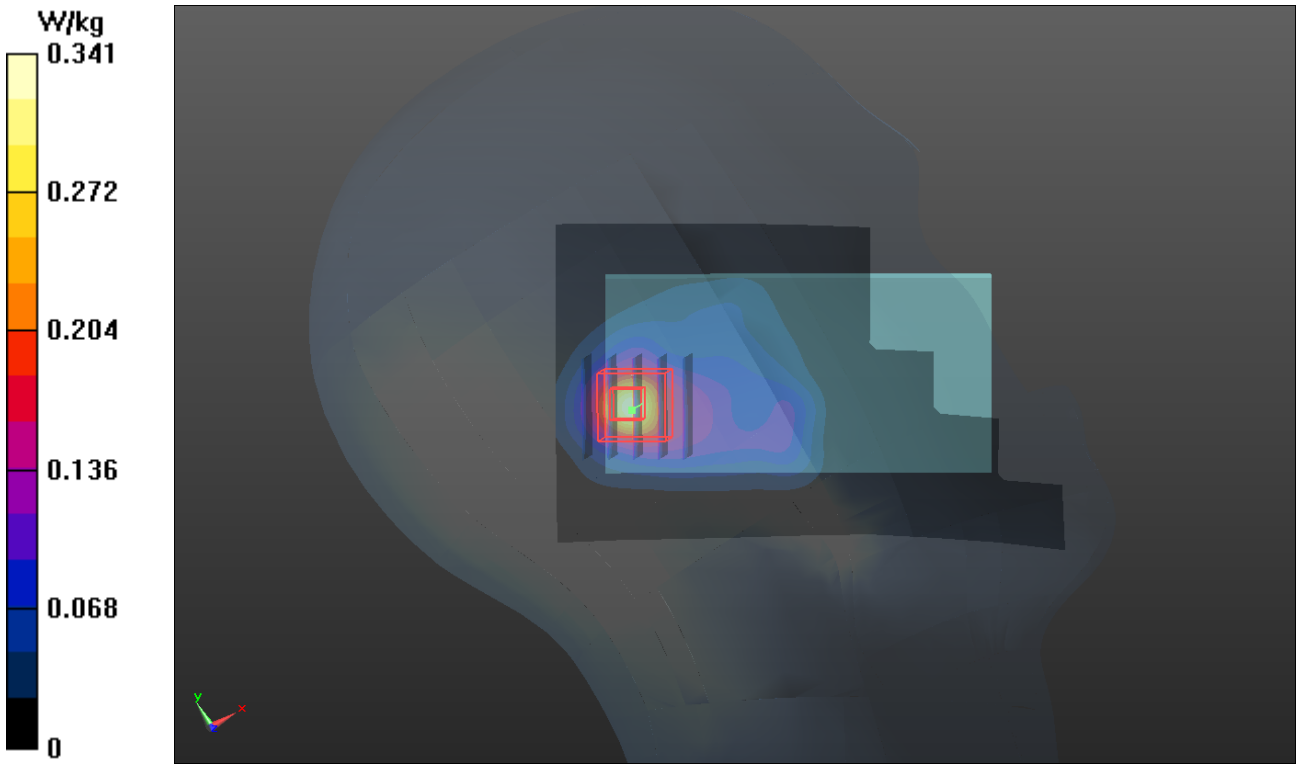
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_1005 Medium parameters used: f = 2437 MHz; σ = 1.85 mho/m; ε_r = 40.601; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.341 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.326 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.457 mW/g
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.322 W/kg



P116 802.11b_Left Tilted_Ch6

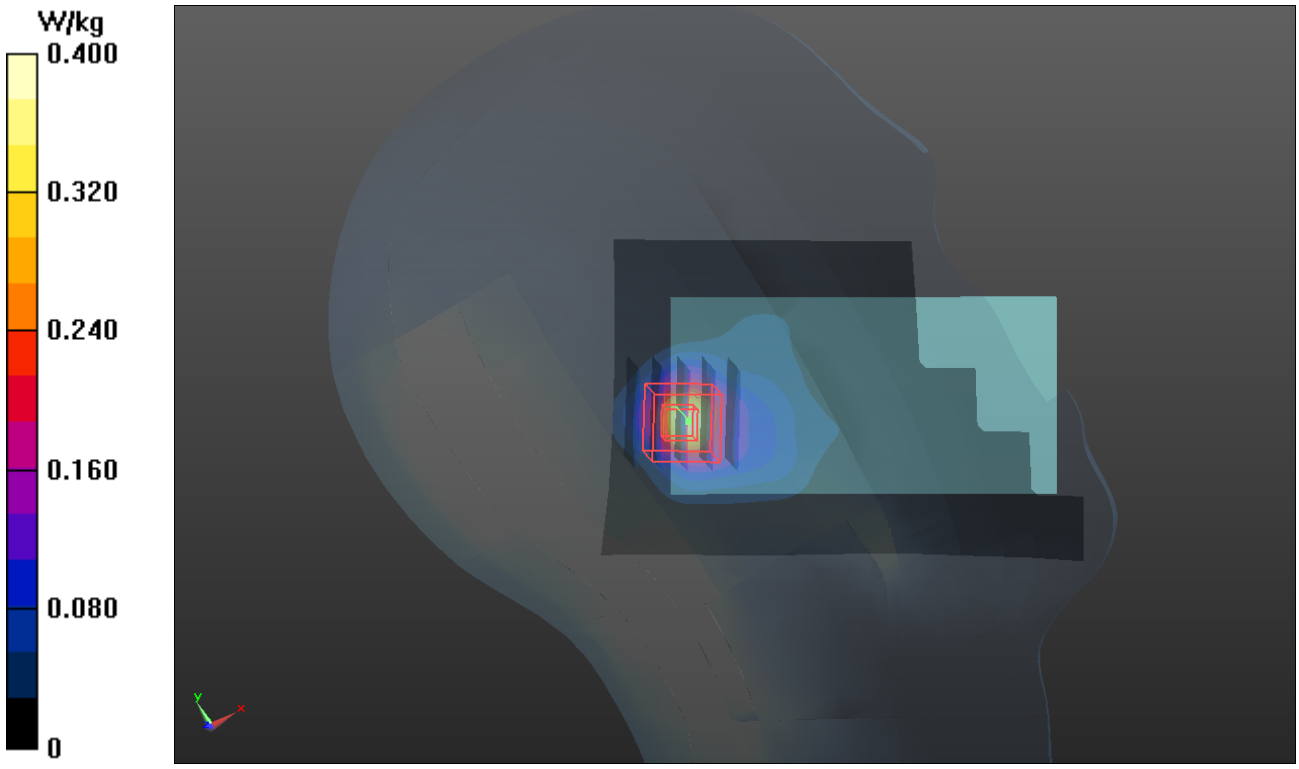
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450_1005 Medium parameters used: f = 2437 MHz; σ = 1.85 mho/m; ε_r = 40.601; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.400 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.253 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.525 mW/g
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.347 W/kg



P117 802.11a_Right Cheek_Ch44

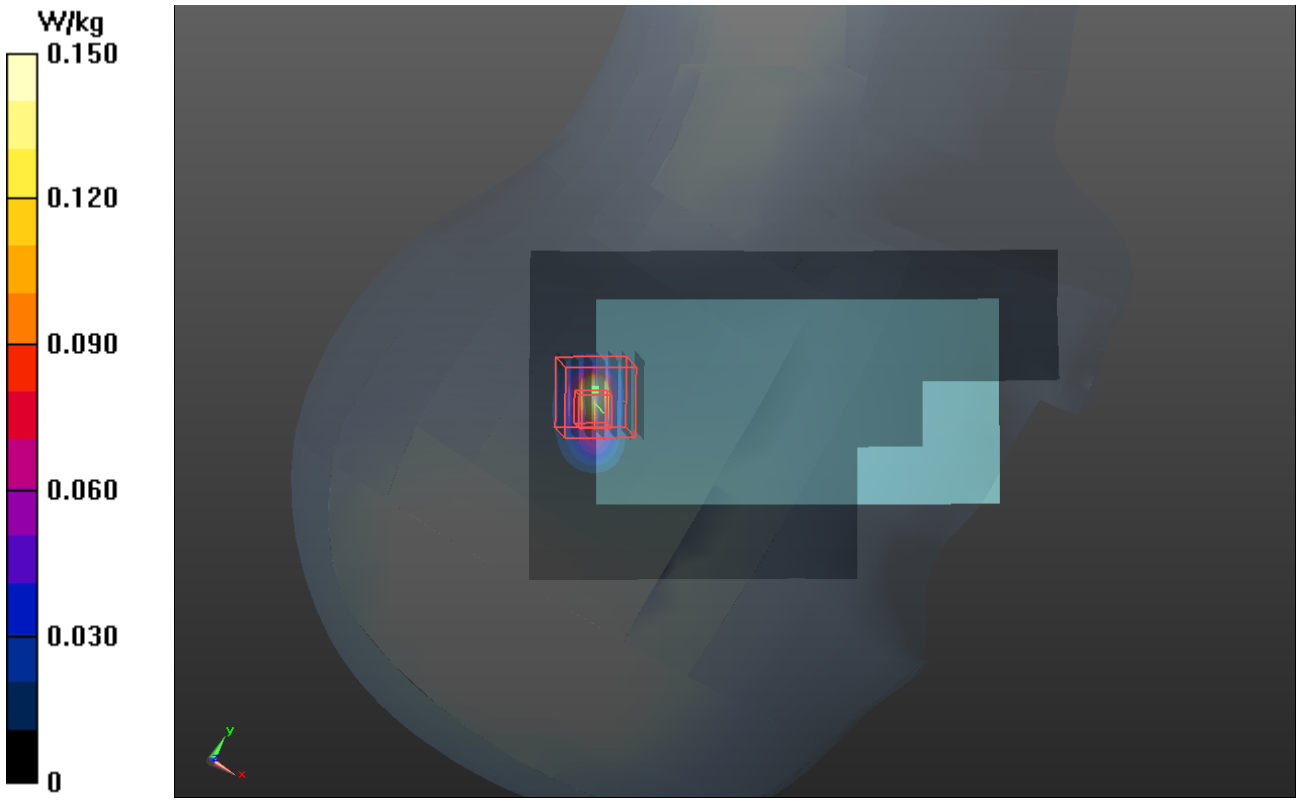
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5220 MHz; σ = 4.712 mho/m; ε_r = 36.959; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x161x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.150 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.658 V/m; Power Drift = 0.067 dB
Peak SAR (extrapolated) = 0.424 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.243 W/kg



P118 802.11a_Right Tilted_Ch44

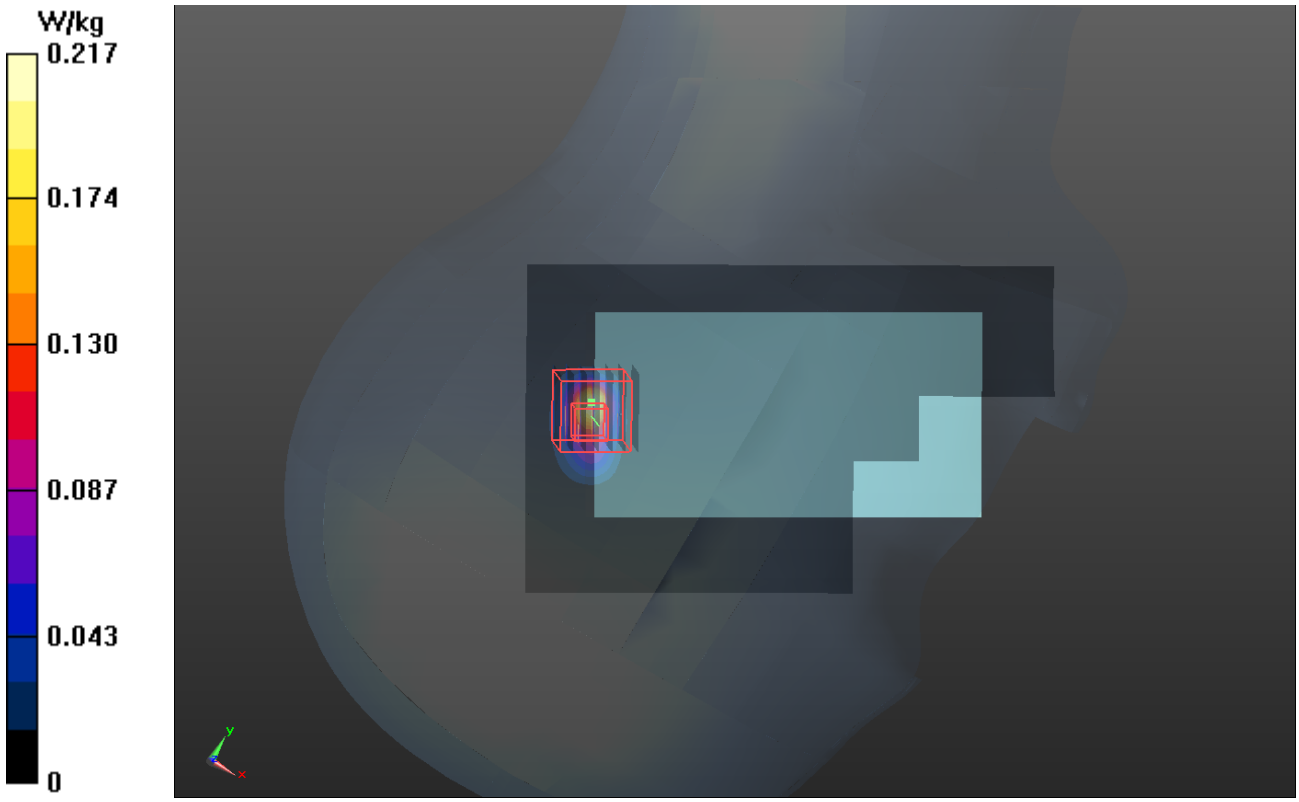
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5220 MHz; σ = 4.712 mho/m; ε_r = 36.959; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.501 V/m; Power Drift = 0.083 dB
Peak SAR (extrapolated) = 0.529 mW/g
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.306 W/kg



P119 802.11a_Left Cheek_Ch44

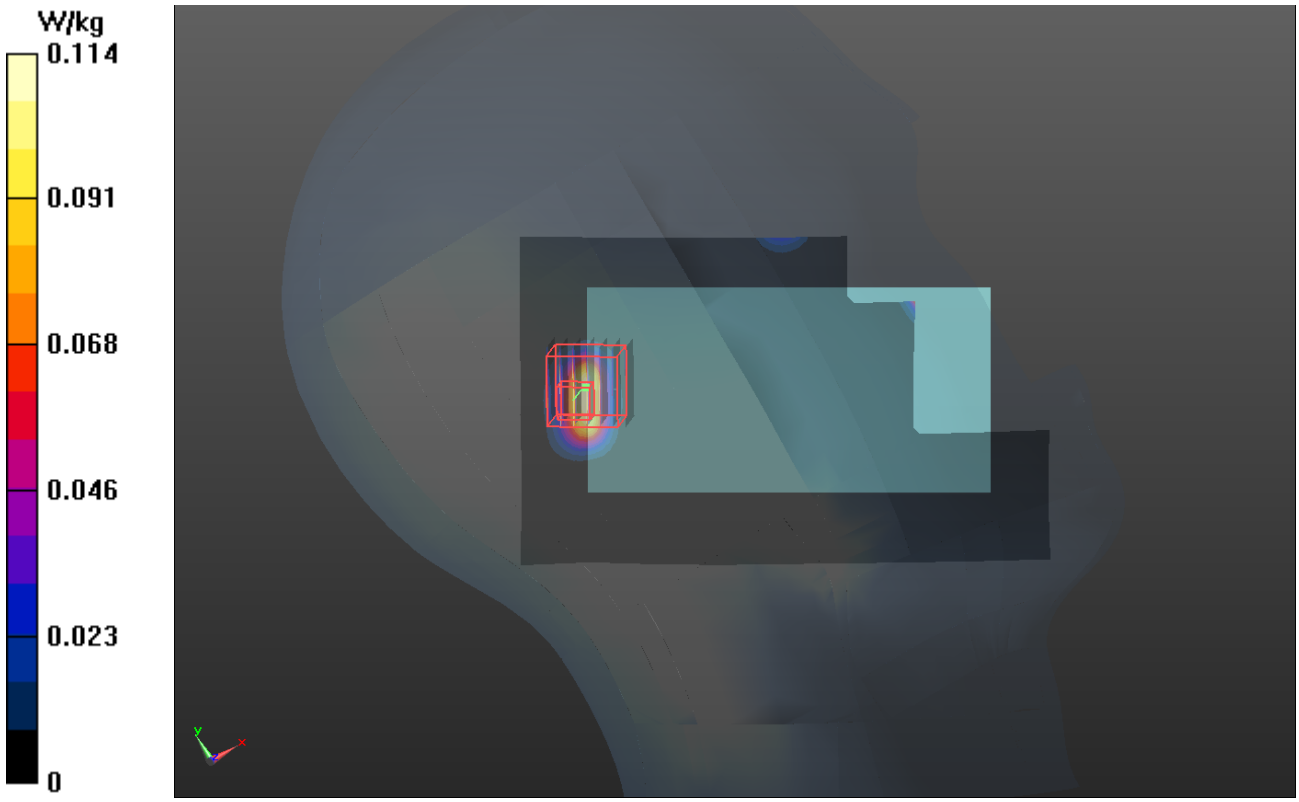
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5220 MHz; σ = 4.712 mho/m; ε_r = 36.959; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.114 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.657 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.407 mW/g
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.241 W/kg



P120 802.11a_Left Tilted_Ch44

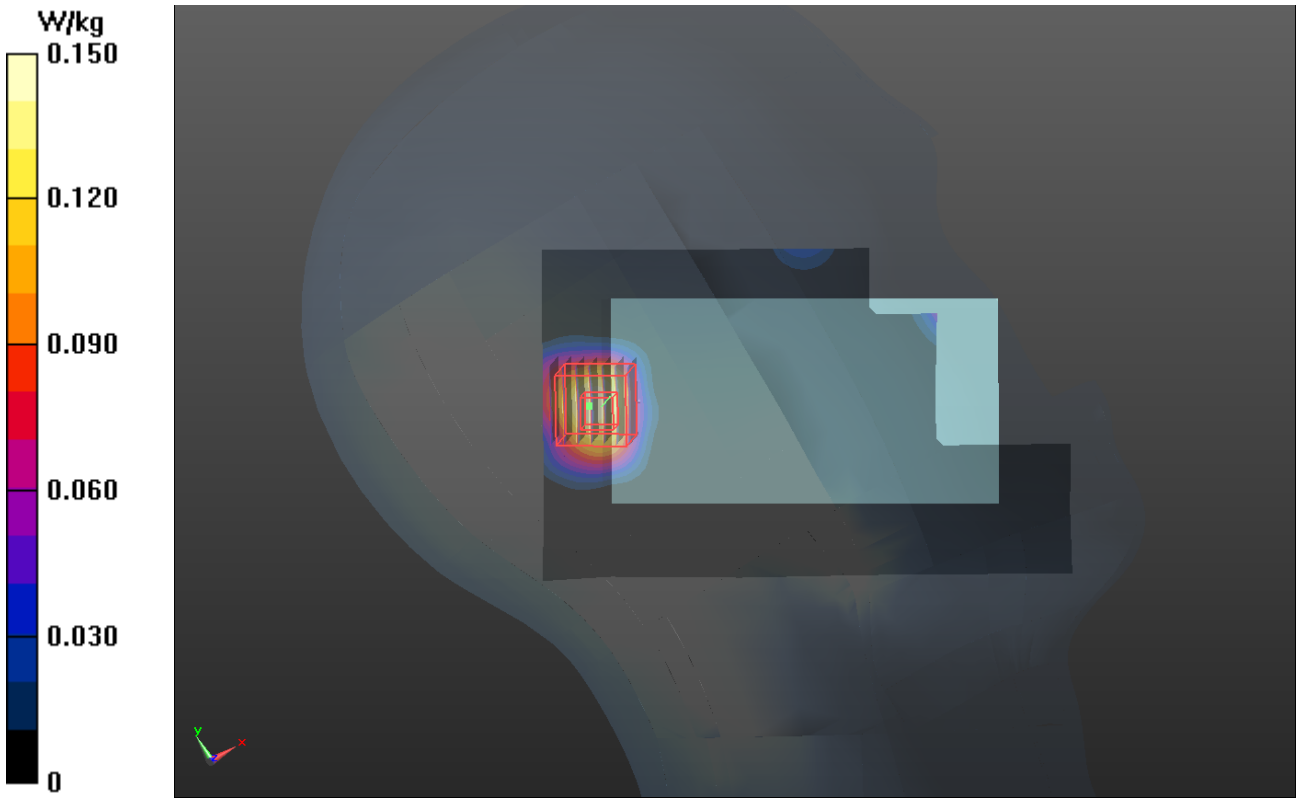
DUT: 120823C14

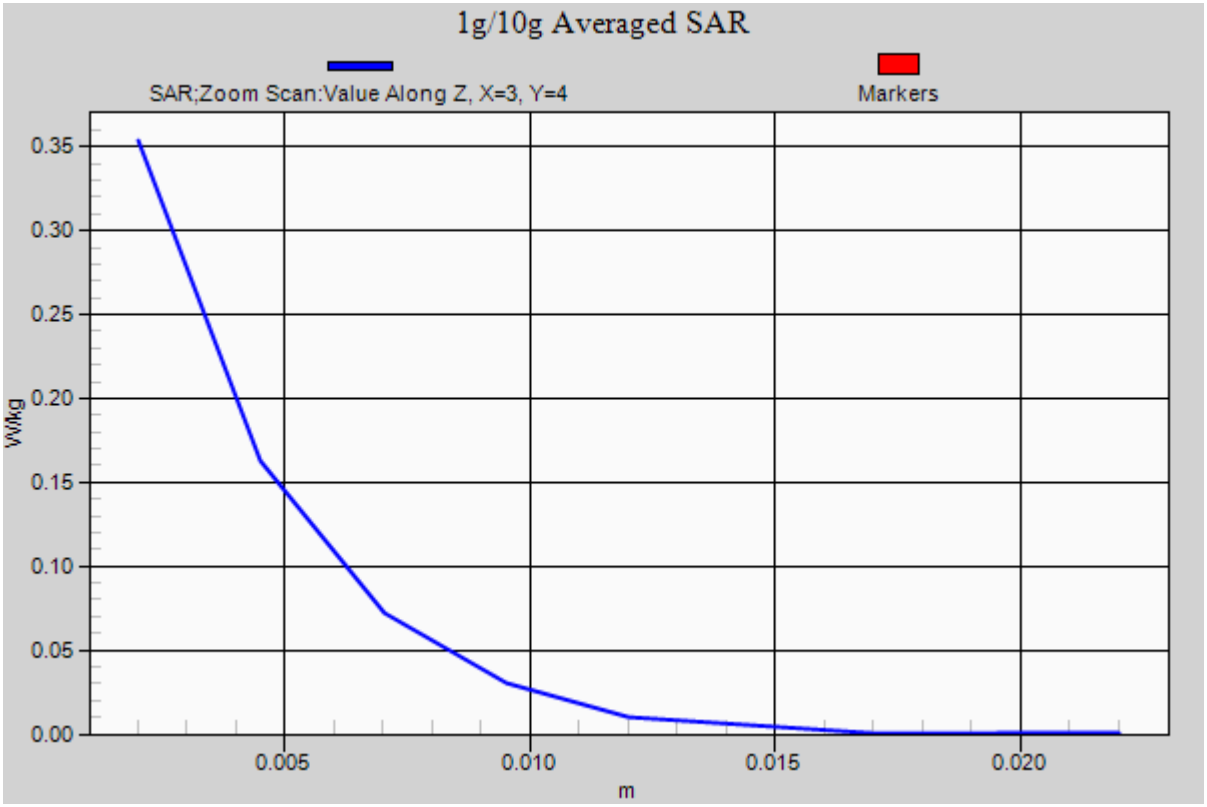
Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5220 MHz; σ = 4.712 mho/m; ε_r = 36.959; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.150 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.270 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.646 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.354 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
m

P121 802.11a_Right Cheek_Ch52

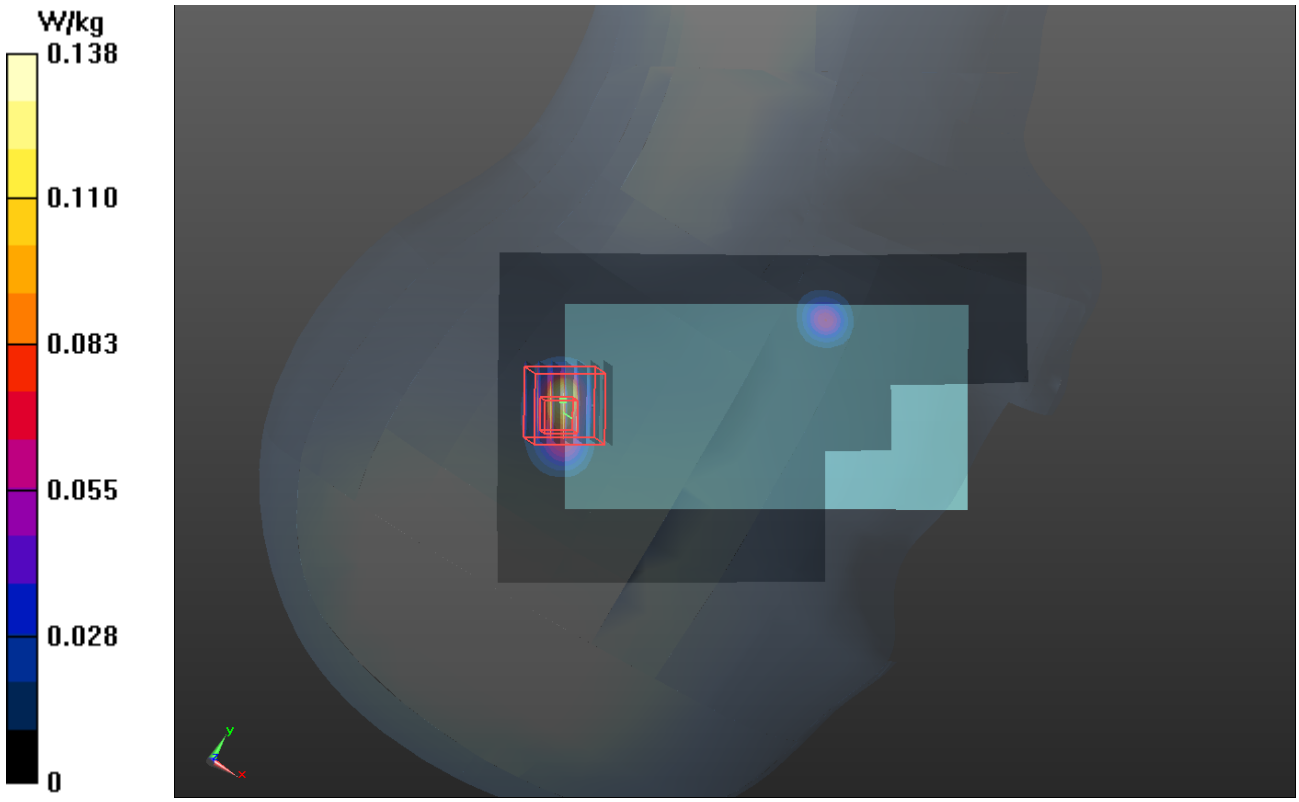
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5260 MHz; σ = 4.764 mho/m; ε_r = 36.854; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.138 W/kg

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.362 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.410 mW/g
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.245 W/kg



P122 802.11a_Right Tilted_Ch52

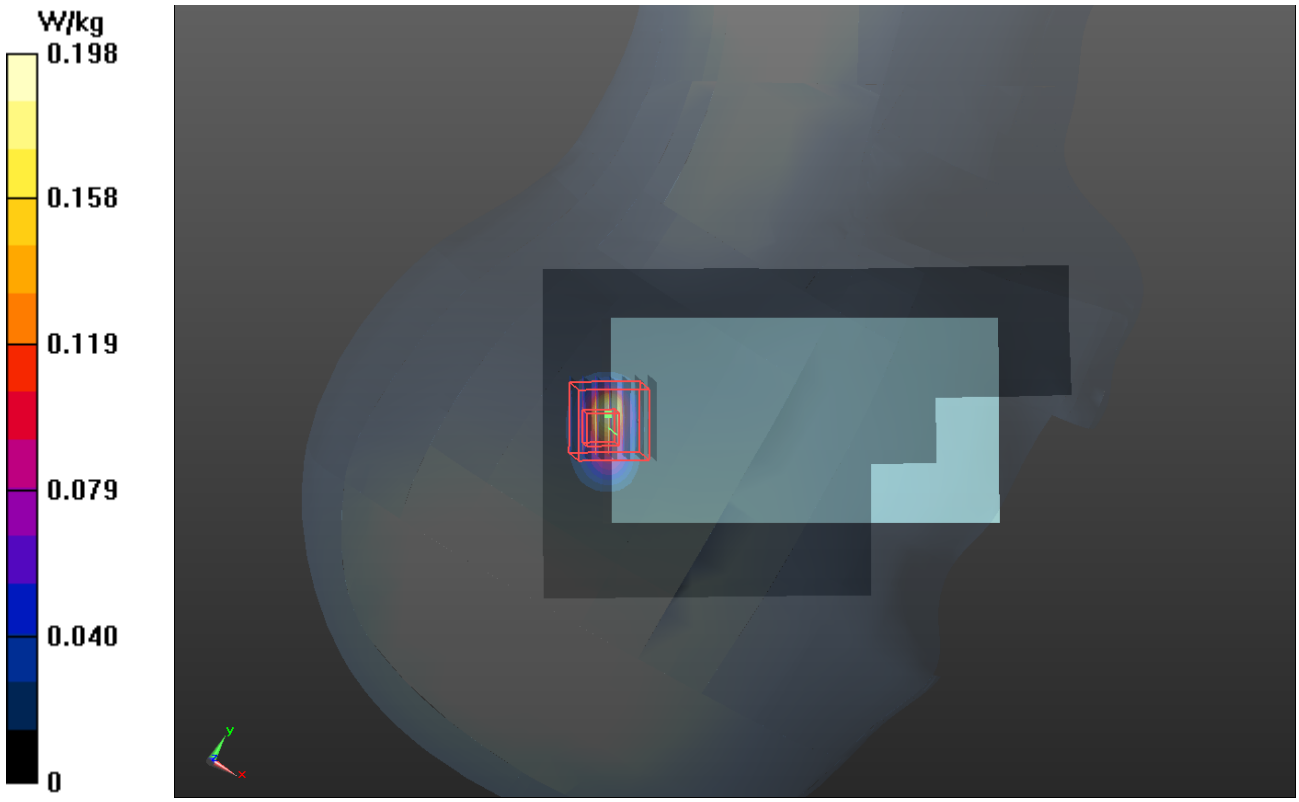
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5260 MHz; σ = 4.764 mho/m; ε_r = 36.854; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.198 W/kg

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.157 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 0.601 mW/g
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.343 W/kg



P123 802.11a_Left Cheek_Ch52

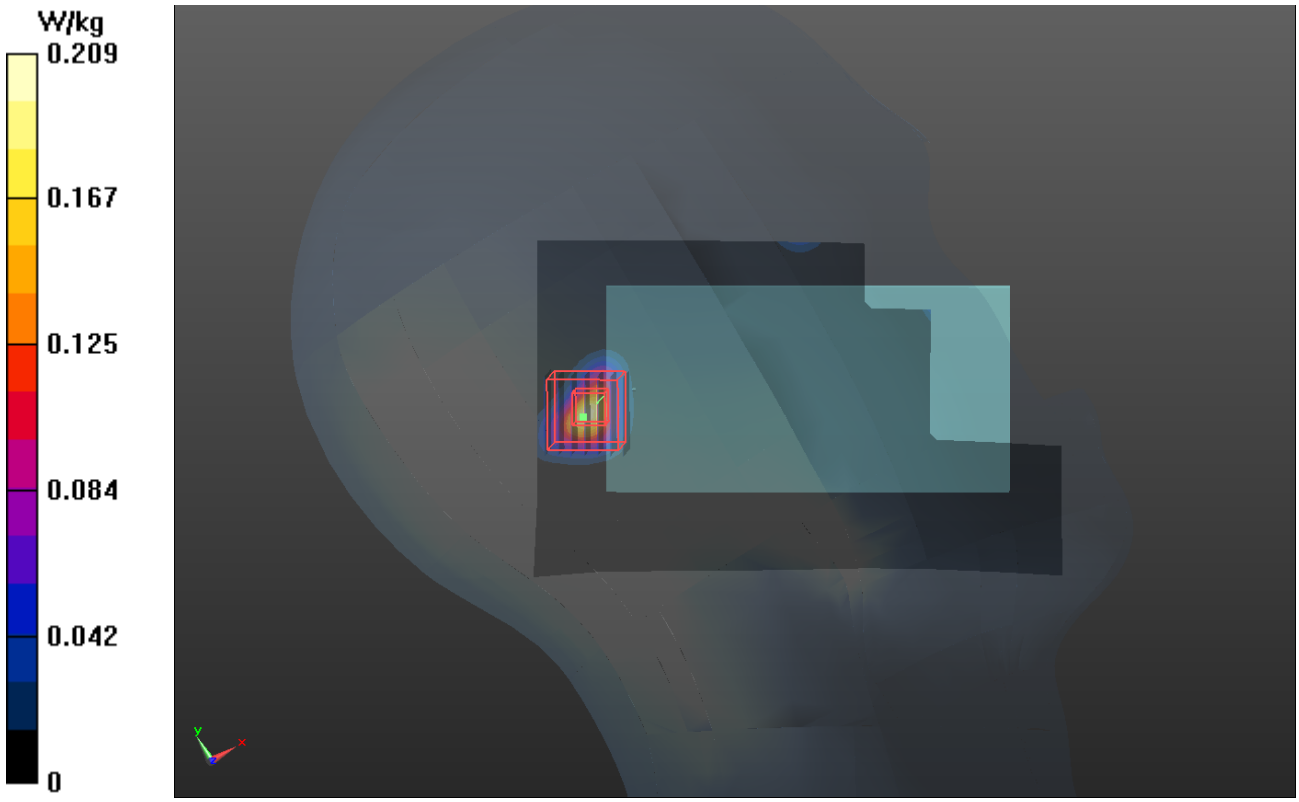
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5260 MHz; σ = 4.764 mho/m; ε_r = 36.854; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.209 W/kg

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.867 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.407 mW/g
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.243 W/kg



P124 802.11a_Left Tilted_Ch52

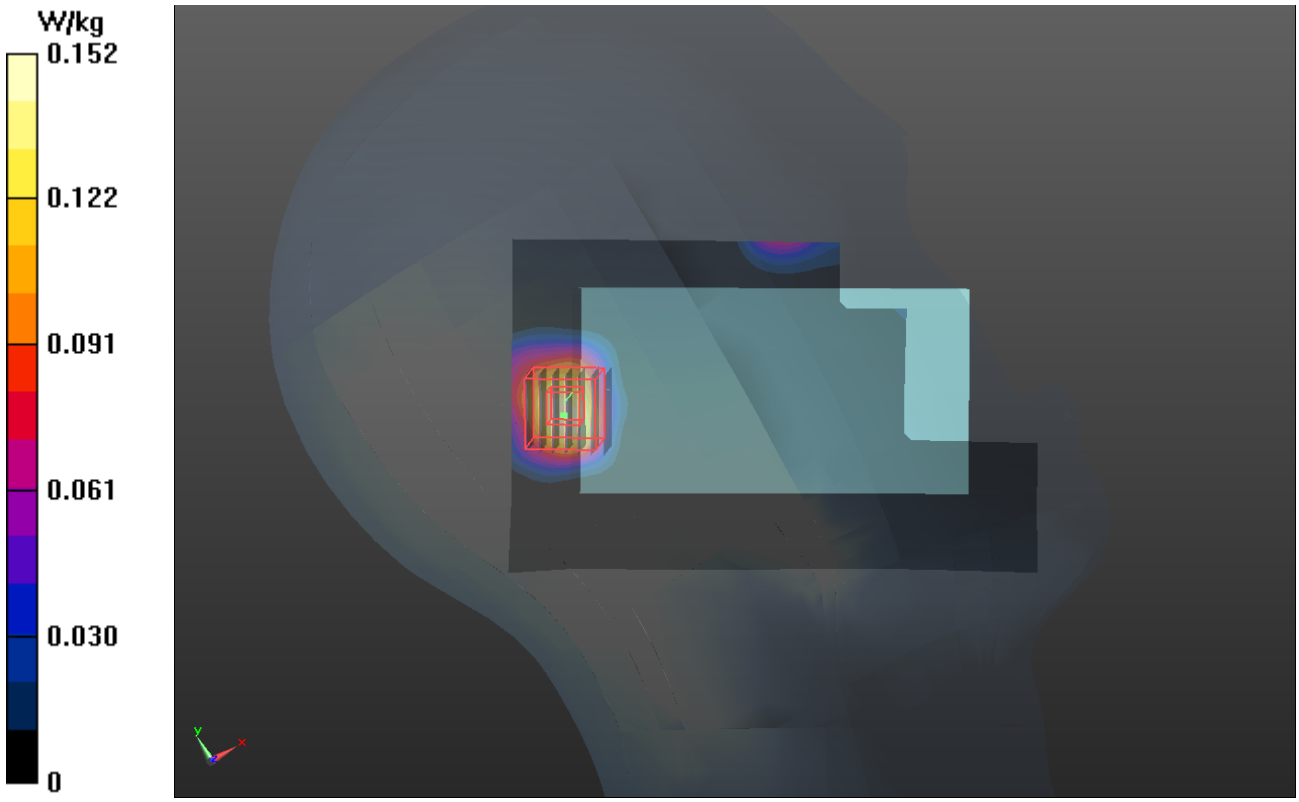
DUT: 120823C14

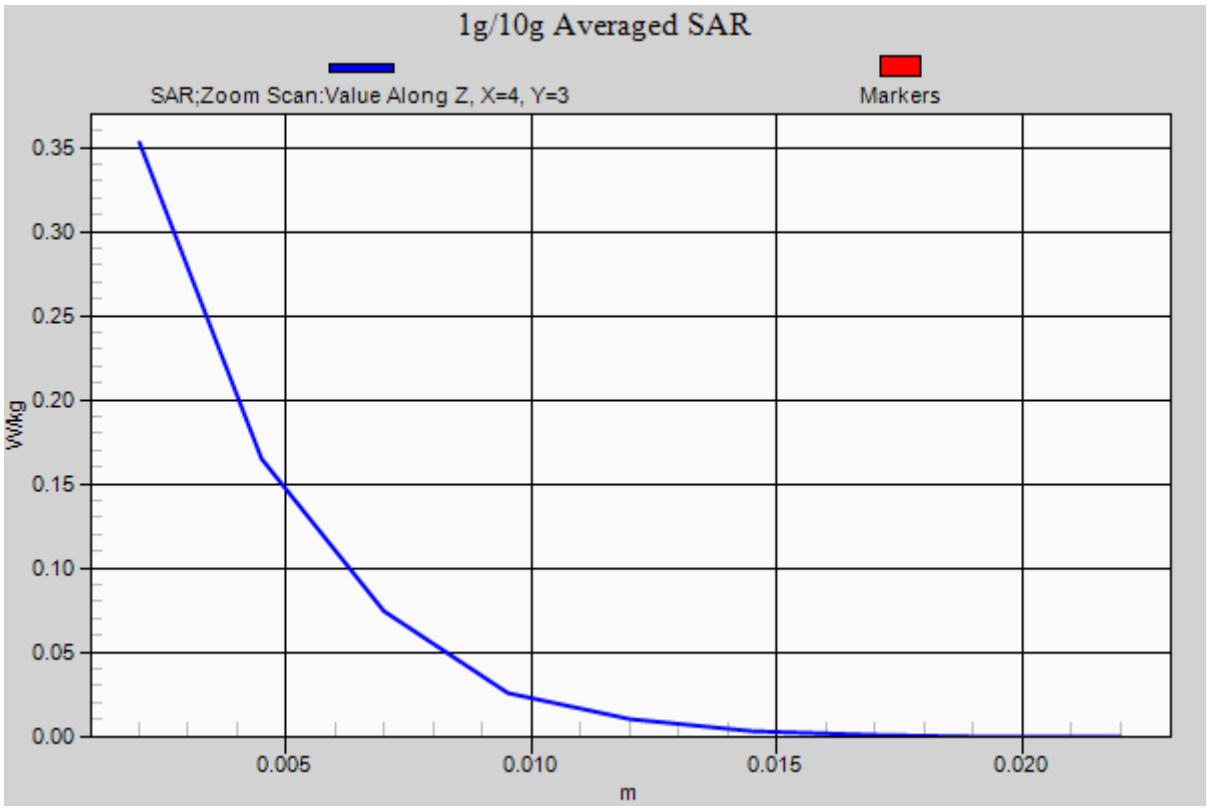
Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5260 MHz; σ = 4.764 mho/m; ε_r = 36.854; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.152 W/kg

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.115 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.004 mW/g
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.353 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=3
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
m

P125 802.11a_Right Cheek_Ch140

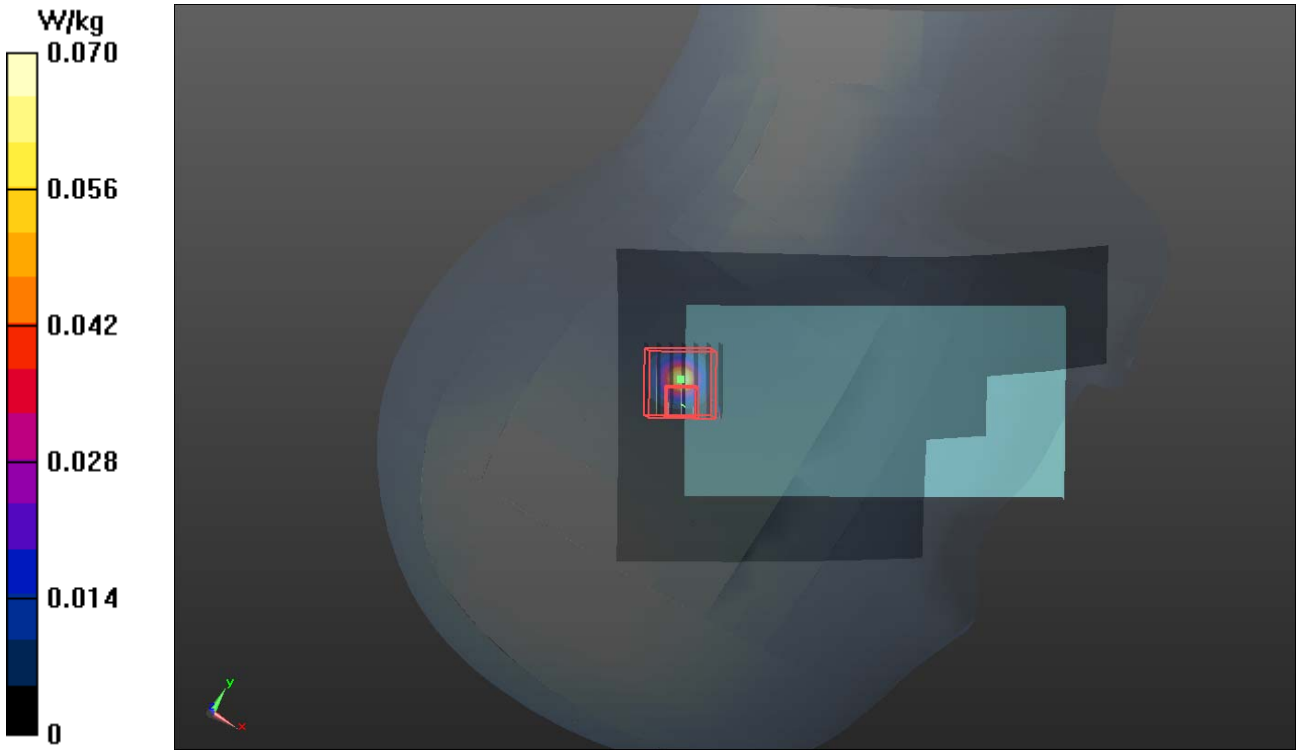
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5700 MHz; σ = 5.307 mho/m; ε_r = 35.898; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.53, 4.53, 4.53); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0702 W/kg

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.748 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.122 mW/g
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.190 W/kg



P126 802.11a_Right Tilted_Ch140

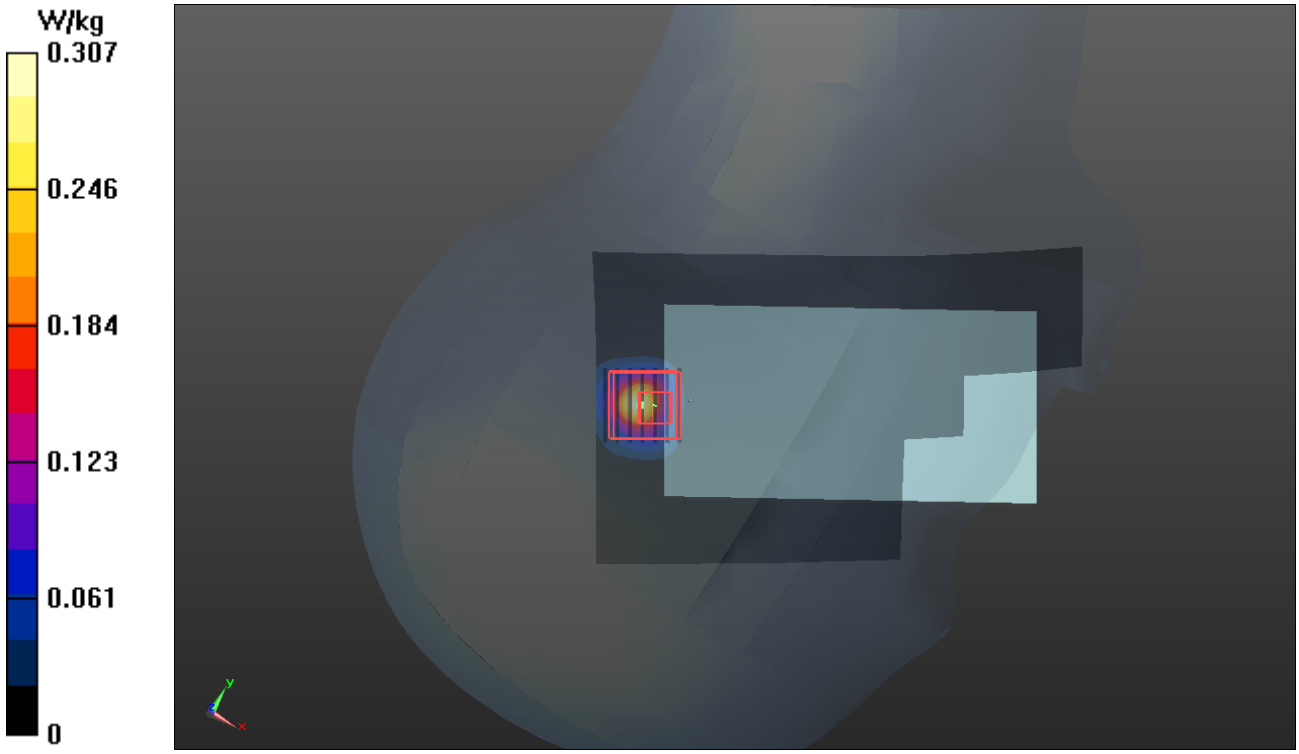
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5700 MHz; σ = 5.307 mho/m; ε_r = 35.898; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.53, 4.53, 4.53); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.307 W/kg

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.327 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.467 mW/g
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.276 W/kg



P127 802.11a_Left Cheek_Ch140

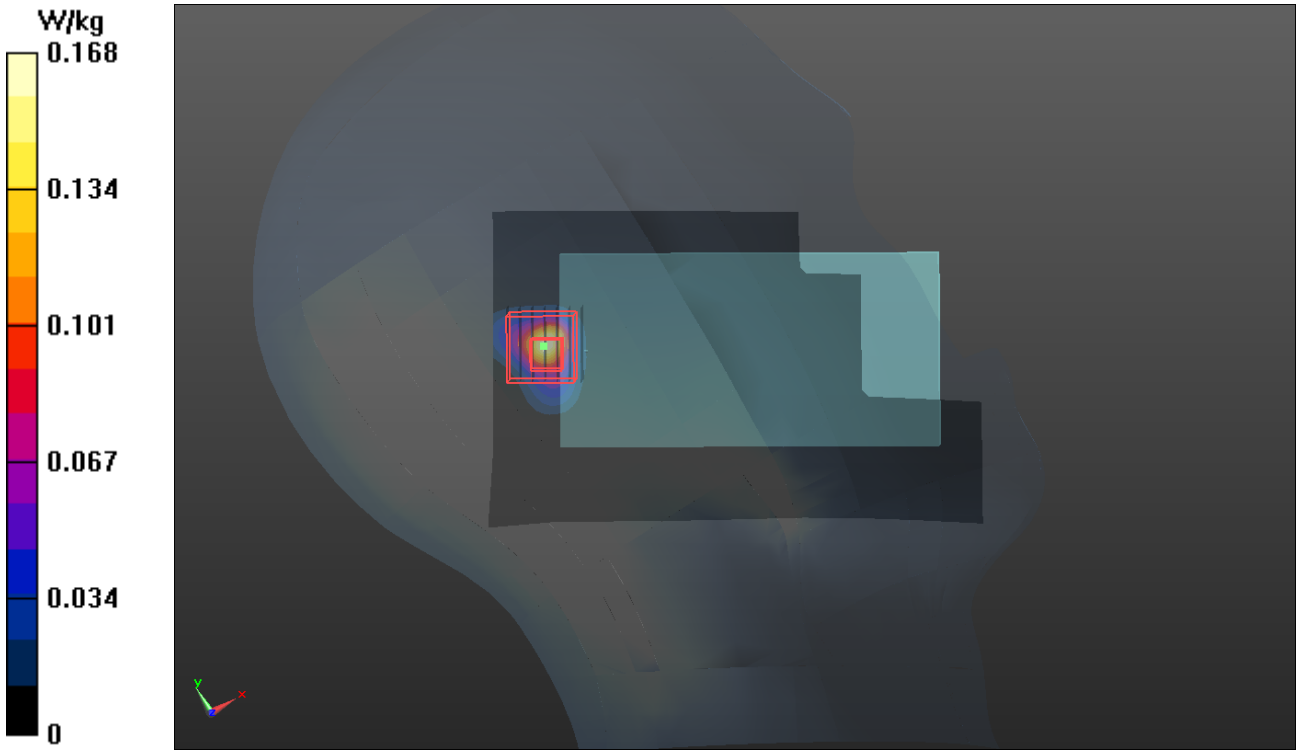
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5700 MHz; σ = 5.307 mho/m; ε_r = 35.898; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.53, 4.53, 4.53); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.168 W/kg

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.376 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.393 mW/g
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.218 W/kg



P128 802.11a_Left Tilted_Ch140

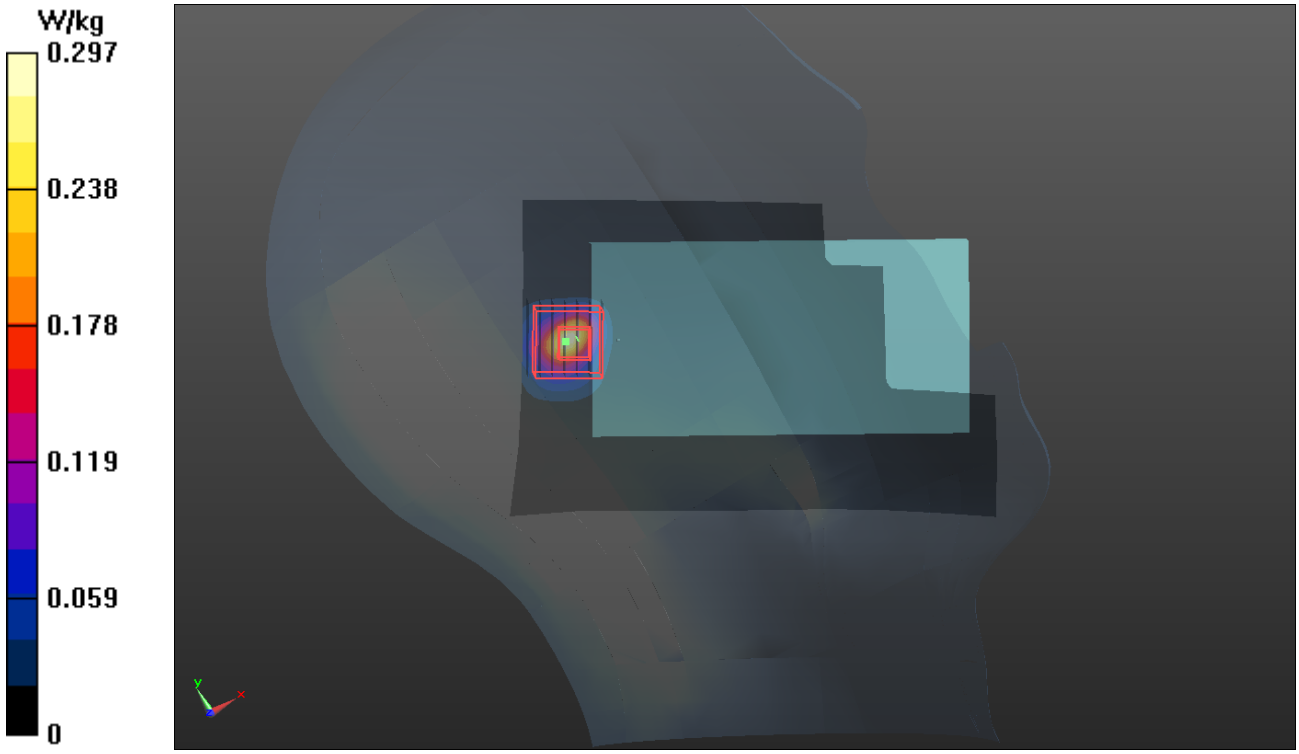
DUT: 120823C14

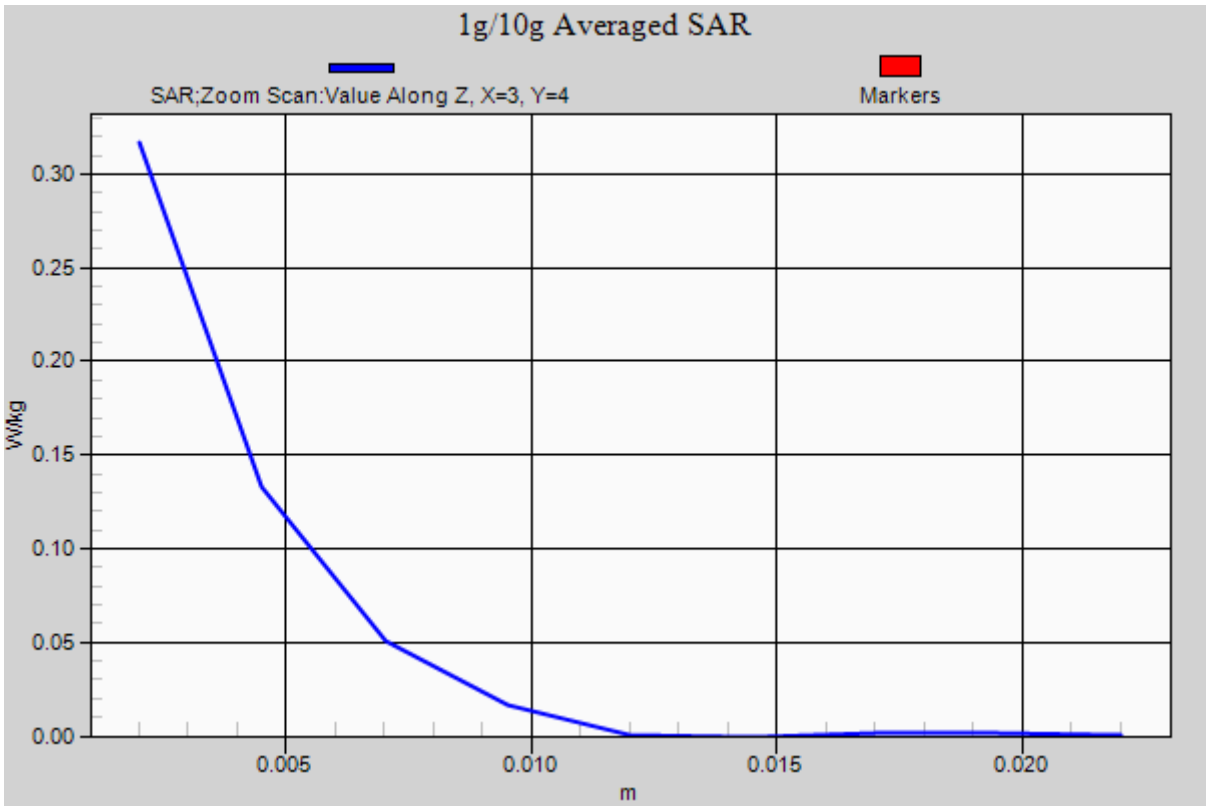
Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: H5G_1007 Medium parameters used: f = 5700 MHz; σ = 5.307 mho/m; ε_r = 35.898; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.53, 4.53, 4.53); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.297 W/kg

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.390 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.567 mW/g
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.317 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=4
Markers
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
m

P13 GSM850_GPRS11_Front Face_1cm_Ch189

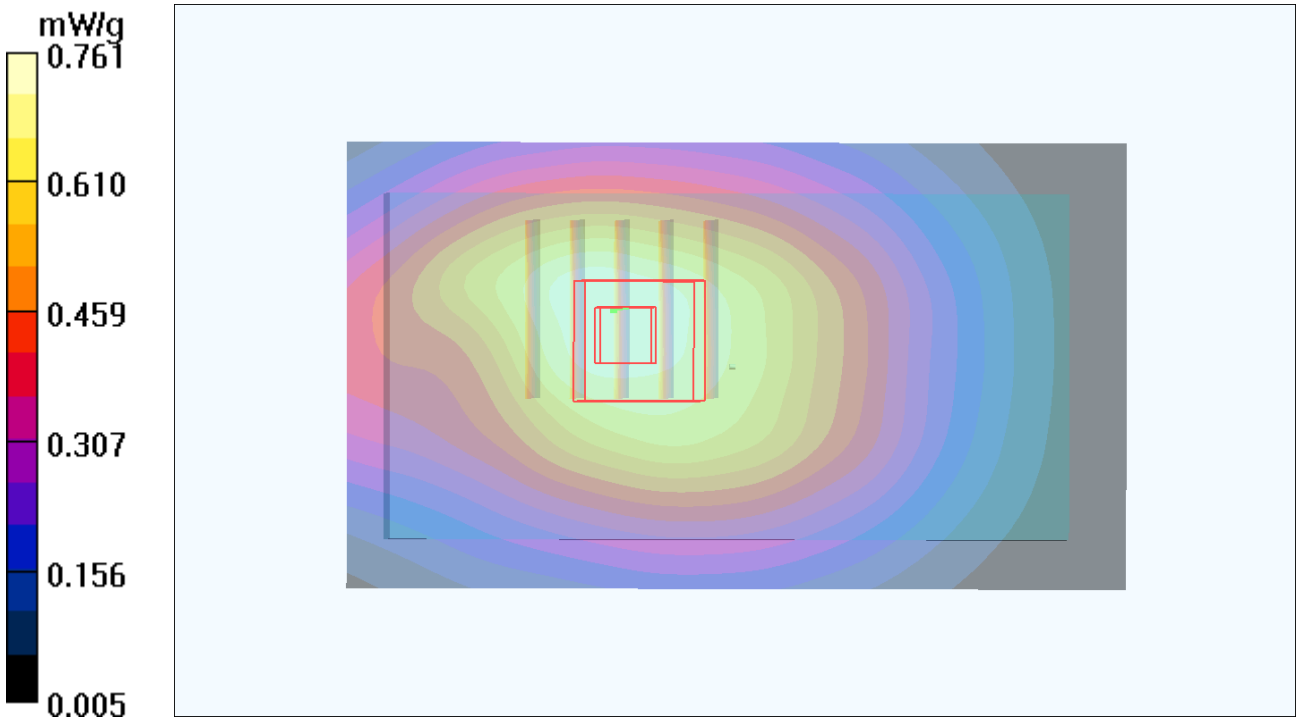
DUT: 120823C14

Communication System: GPRS11; Frequency: 836.4 MHz;Duty Cycle: 1:2.67
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.761 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.6 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.713 mW/g



P14 GSM850_GPRS11_Rear Face_1cm_Ch189

DUT: 120823C14

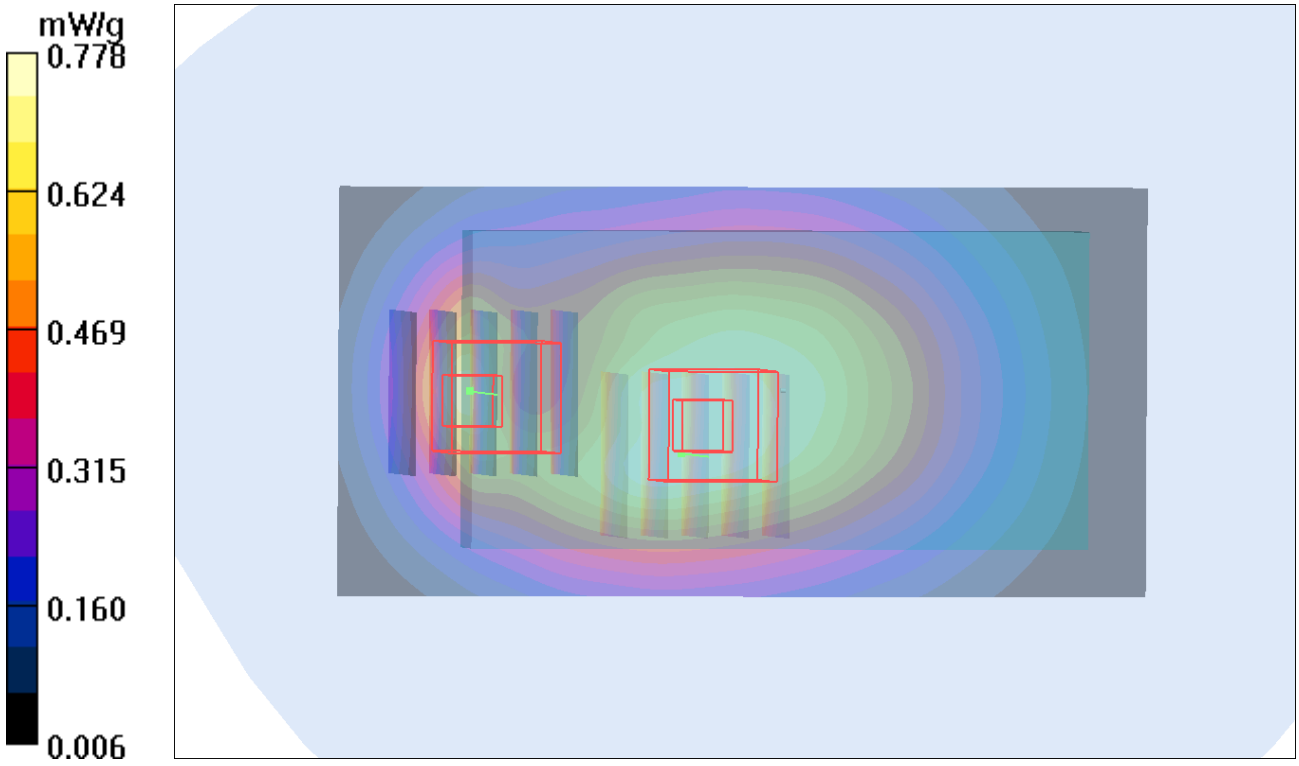
Communication System: GPRS11; Frequency: 836.4 MHz;Duty Cycle: 1:2.67
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.778 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.855 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.505 mW/g
Maximum value of SAR (measured) = 0.767 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.859 W/kg
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.706 mW/g



P15 GSM850_GPRS11_Left Side_1cm_Ch189

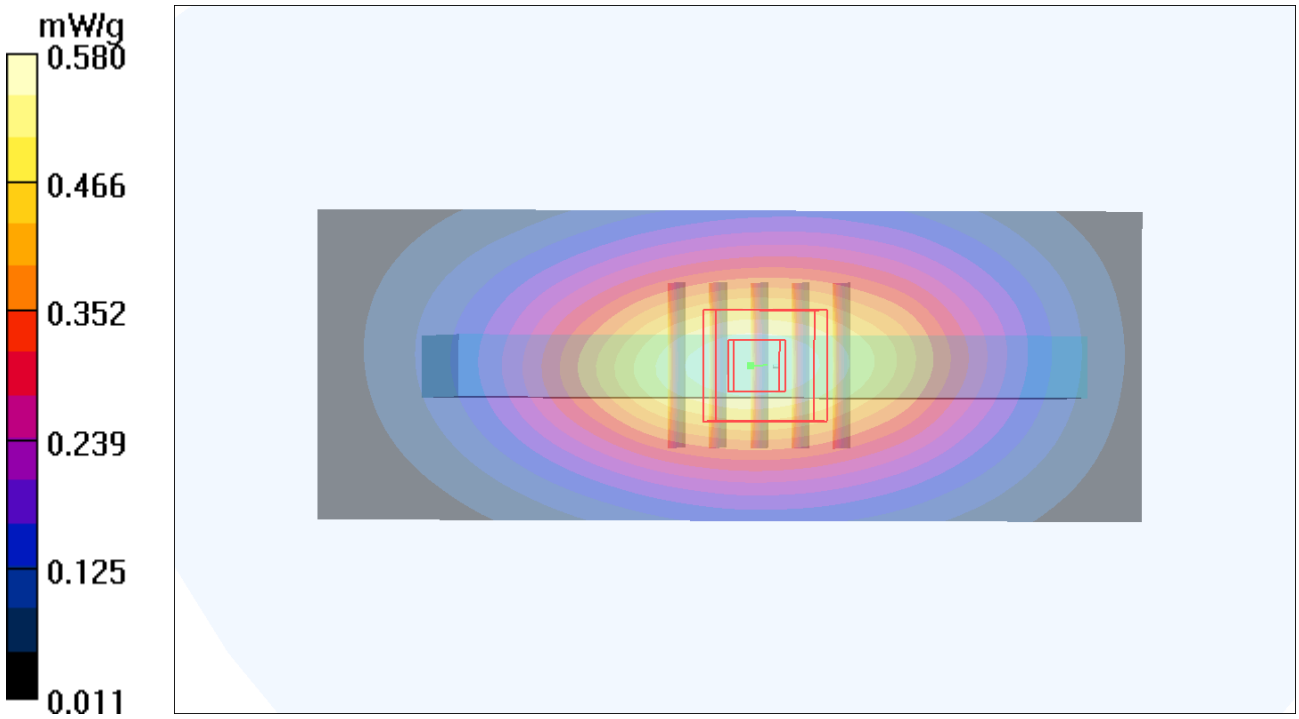
DUT: 120823C14

Communication System: GPRS11; Frequency: 836.4 MHz;Duty Cycle: 1:2.67
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.580 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.9 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.589 mW/g



P16 GSM850_GPRS11_Right Side_1cm_Ch189

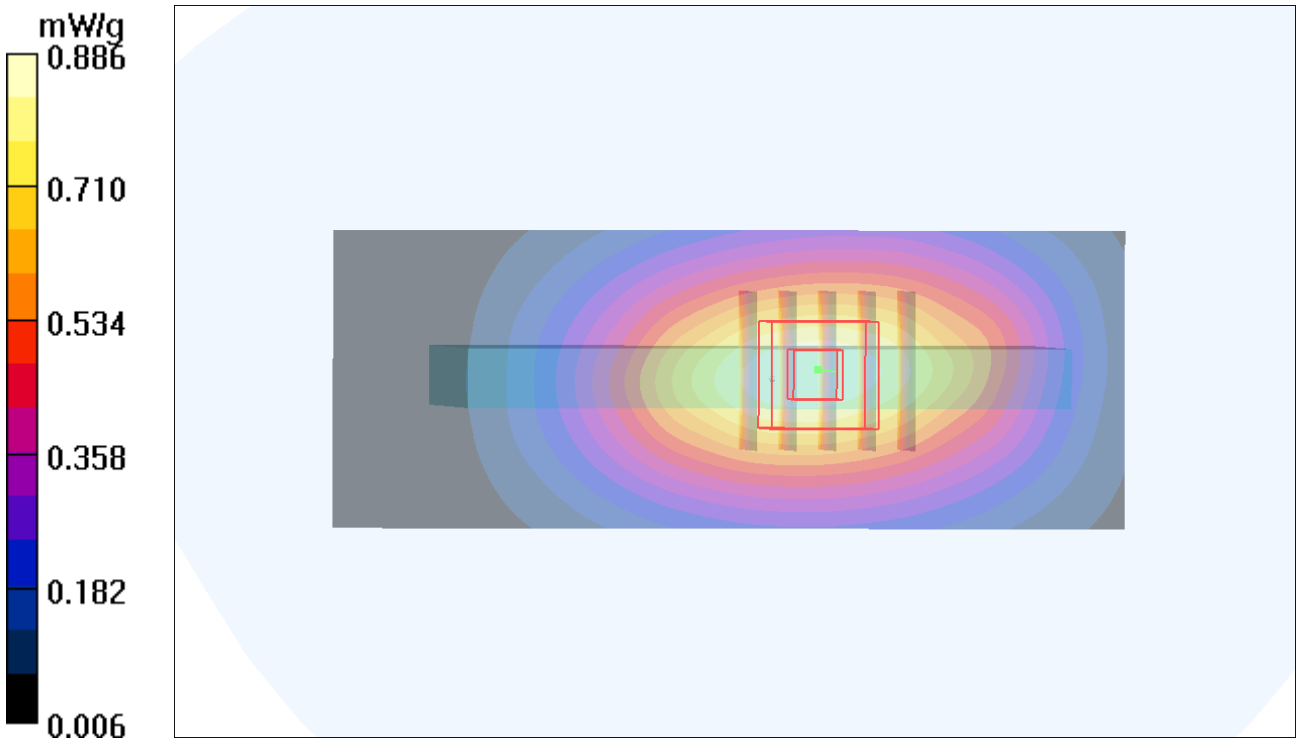
DUT: 120823C14

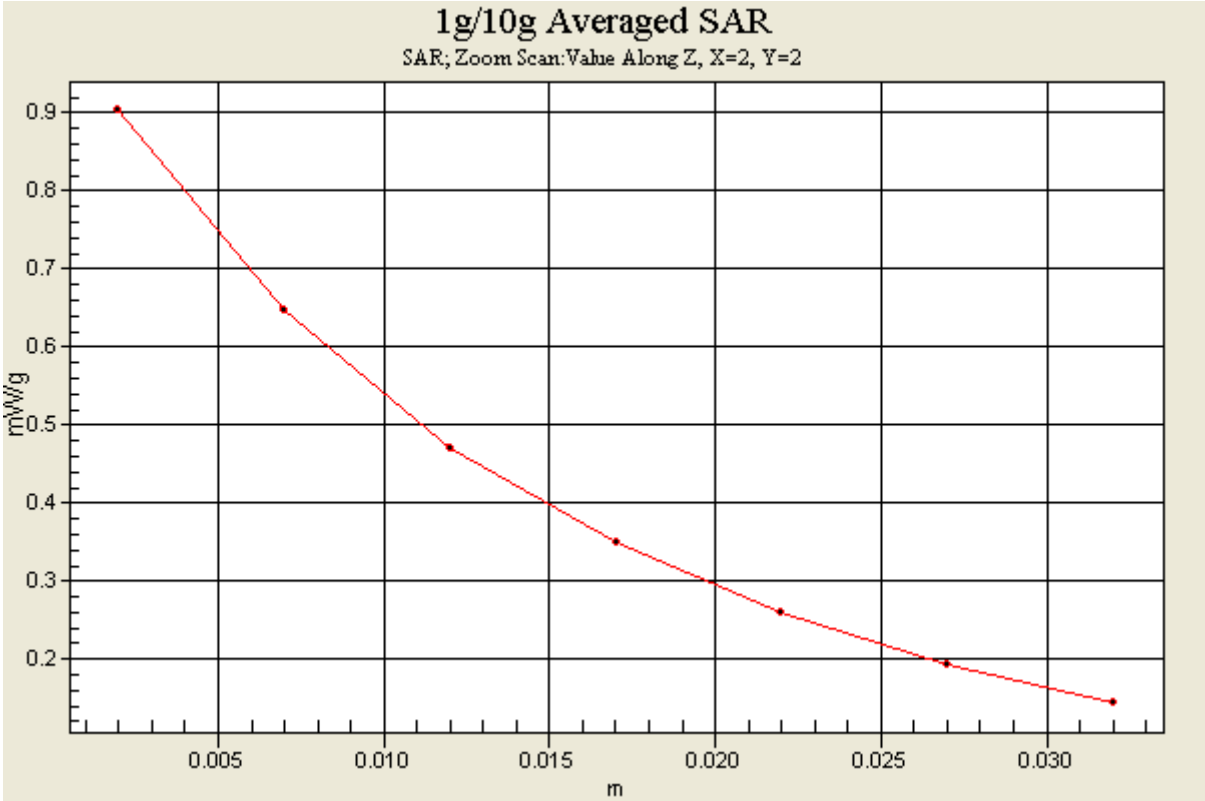
Communication System: GPRS11; Frequency: 836.4 MHz;Duty Cycle: 1:2.67
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.886 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 0.903 mW/g




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

P17 GSM850_GPRS11_Bottom Side_1cm_Ch189

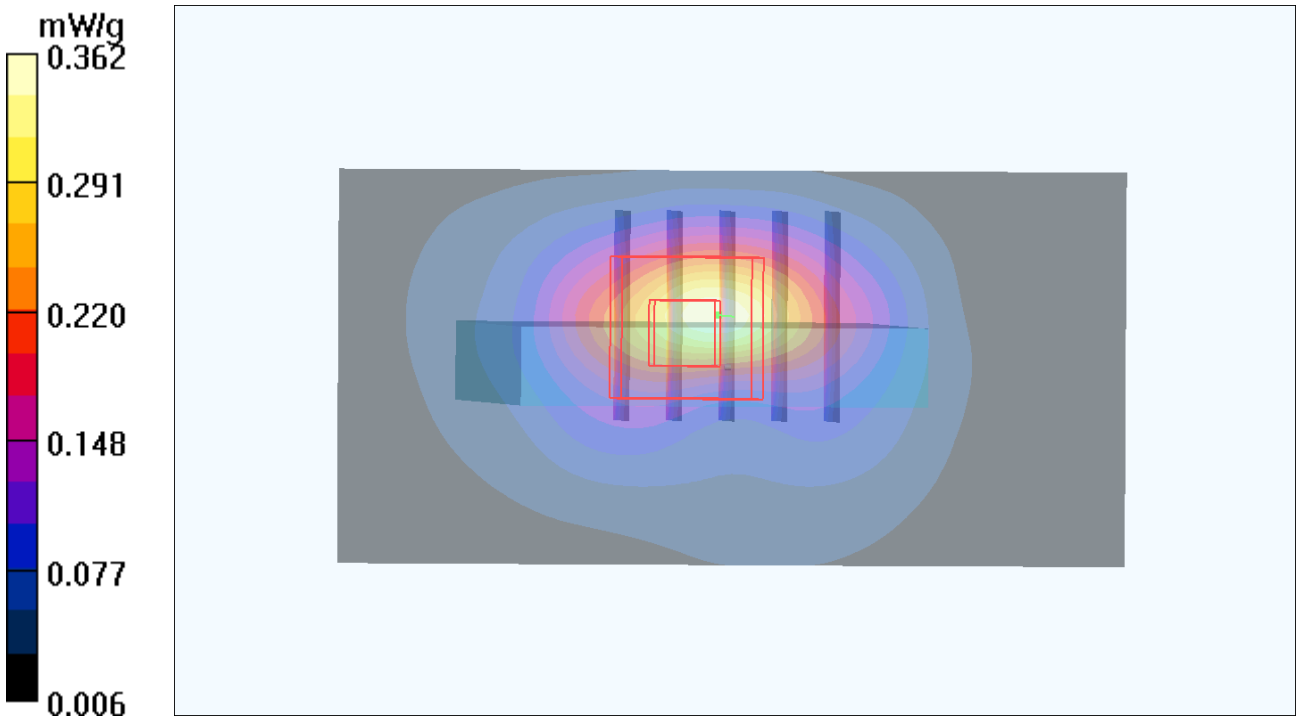
DUT: 120823C14

Communication System: GPRS11; Frequency: 836.4 MHz;Duty Cycle: 1:2.67
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.362 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.372 mW/g



P18 GSM850_GSM_Front Face_1cm_Ch251_Earphone

DUT: 120823C14

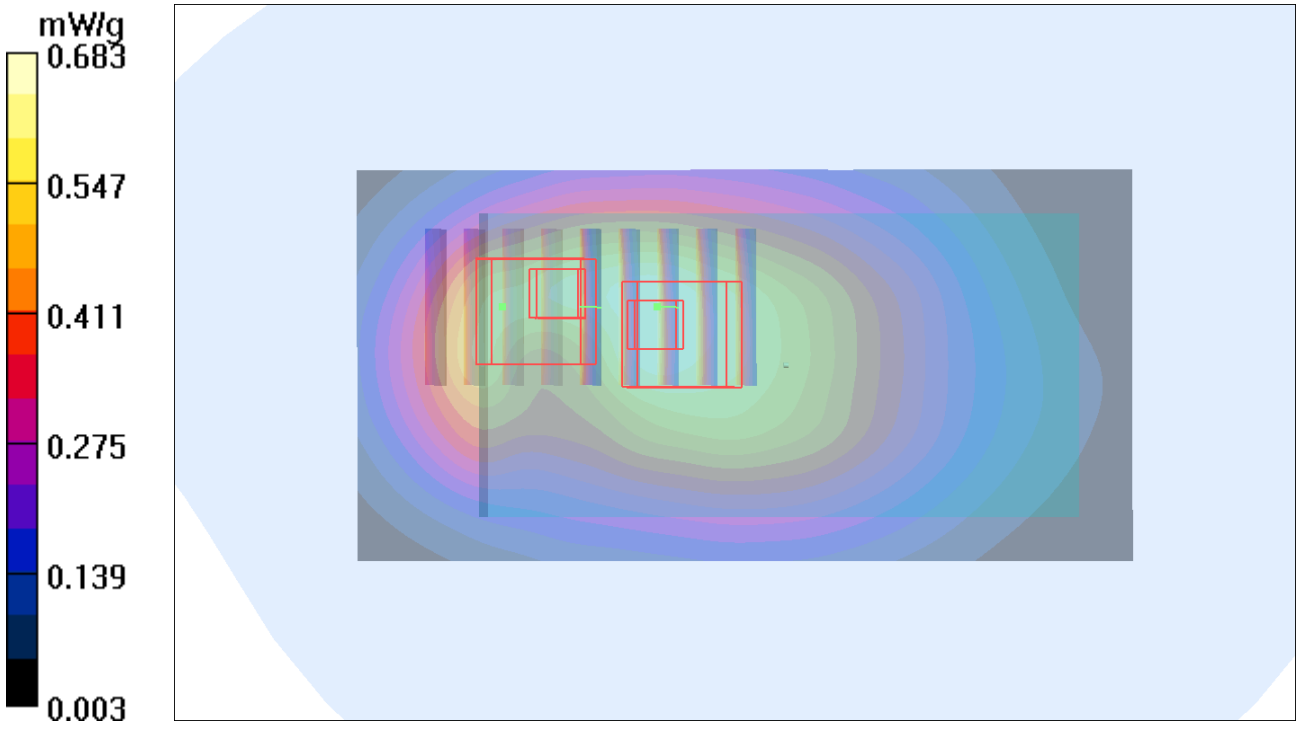
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: B835_0924 Medium parameters used: f = 849 MHz; σ = 0.993 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.683 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.677 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.713 W/kg
SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.608 mW/g



P19 GSM850_GSM_Rear Face_1cm_Ch251_Earphone

DUT: 120823C14

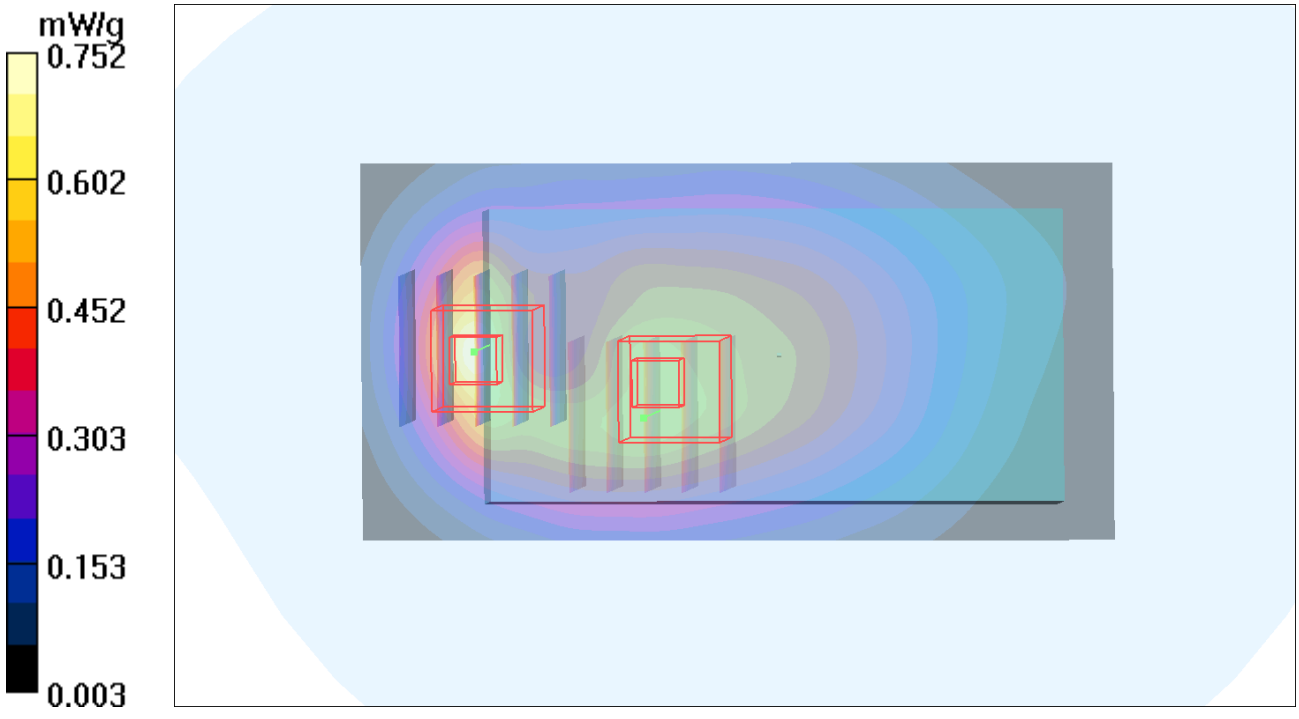
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: B835_0924 Medium parameters used: f = 849 MHz; σ = 0.993 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.752 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.723 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.356 mW/g
Maximum value of SAR (measured) = 0.571 mW/g



P31 GSM1900_GPRS10_Front Face_1cm_Ch810

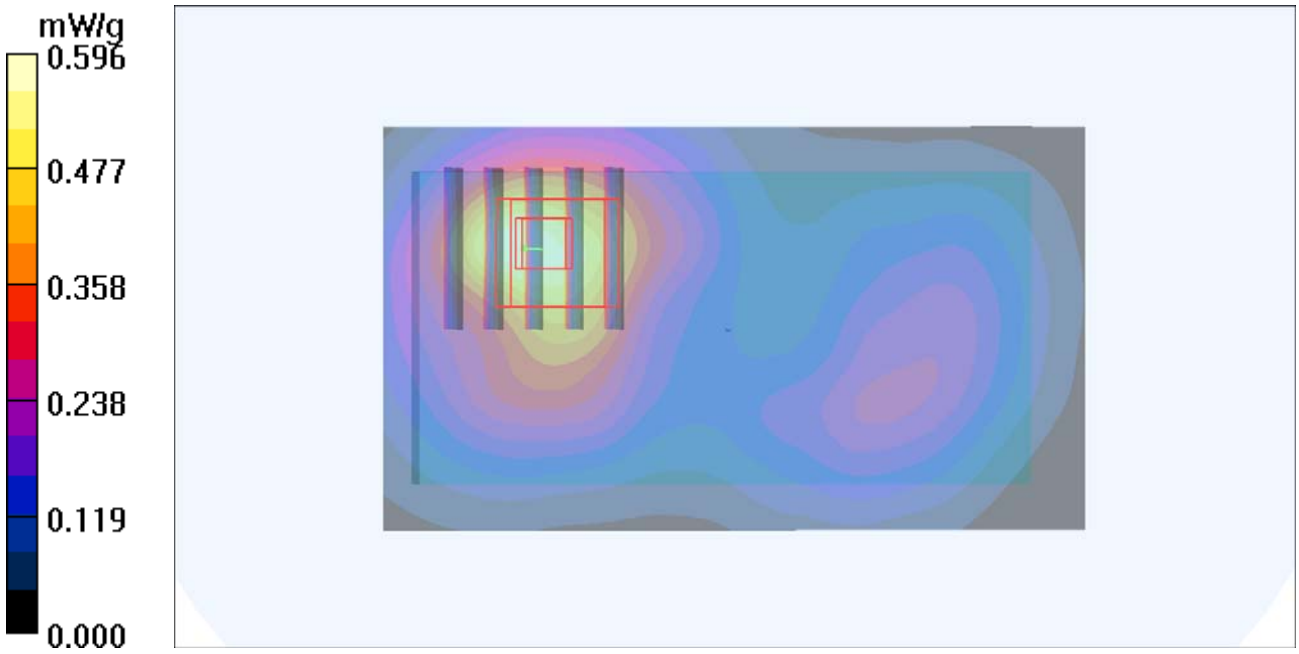
DUT: 120823C14

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.596 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.36 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.538 mW/g



P32 GSM1900_GPRS10_Rear Face_1cm_Ch810

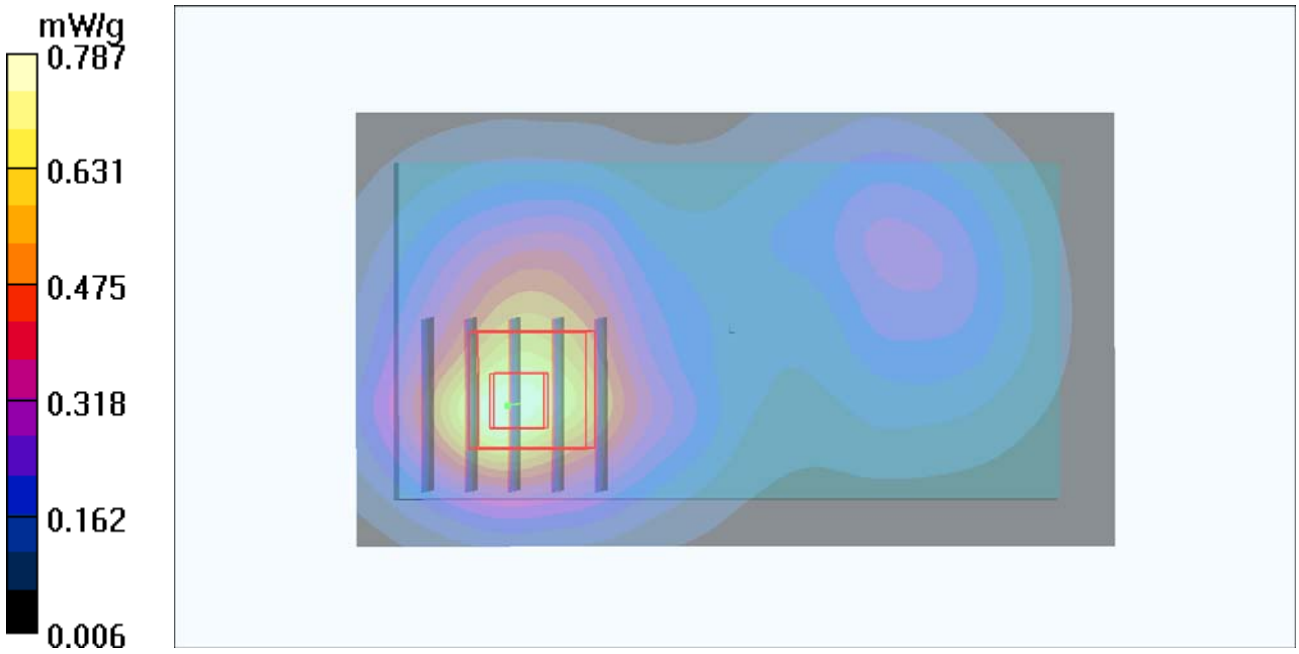
DUT: 120823C14

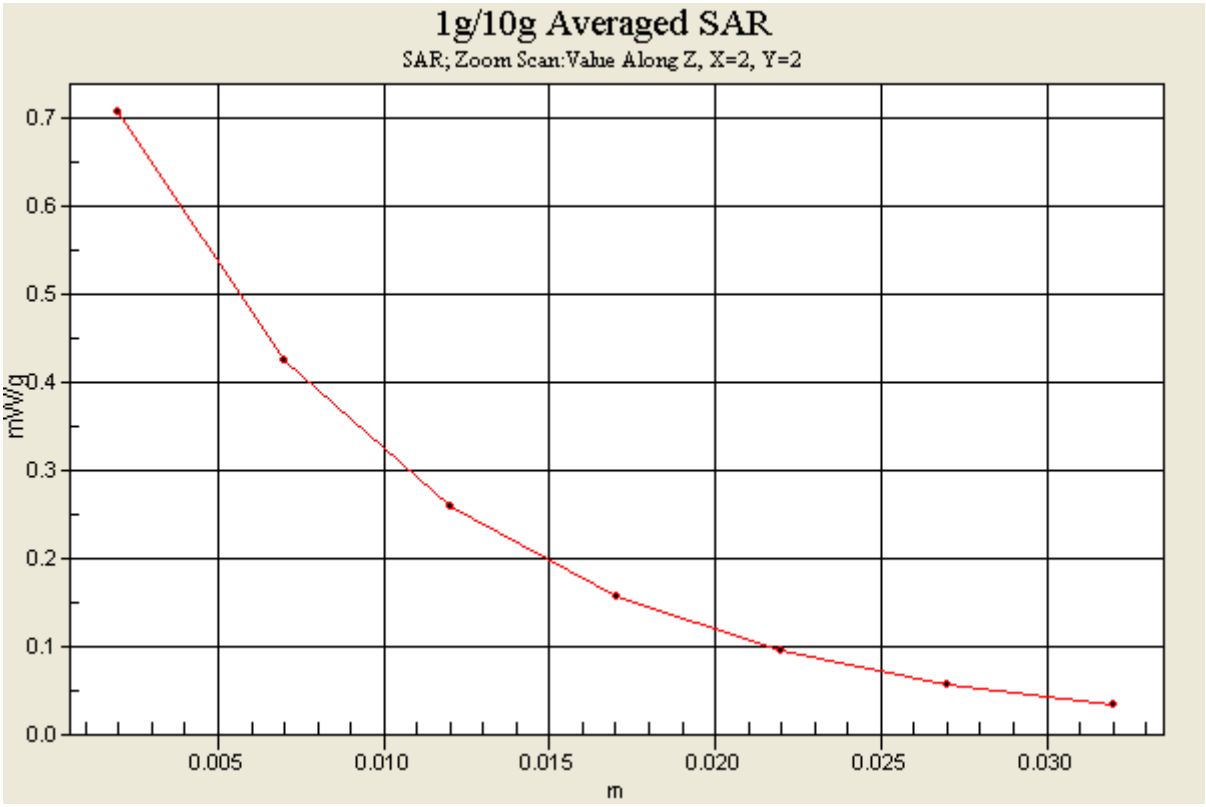
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.787 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.93 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.707 mW/g




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

P33 GSM1900_GPRS10_Left Side_1cm_Ch810

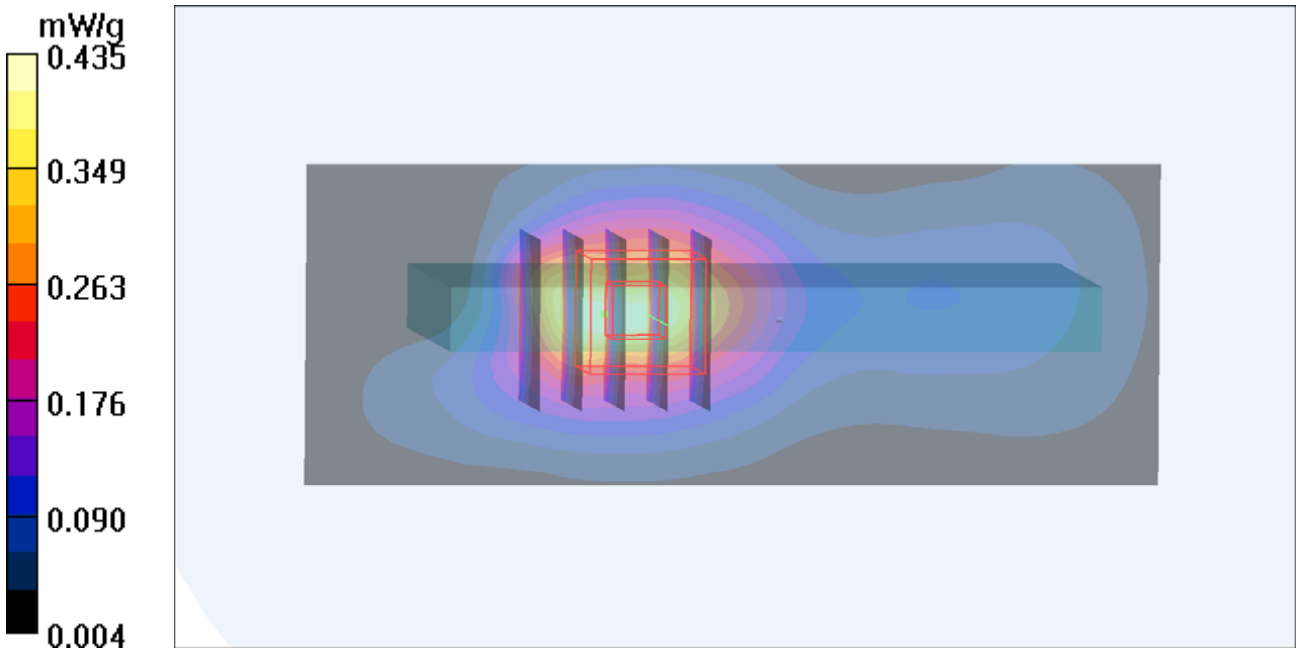
DUT: 120823C14

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.435 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.374 mW/g



P34 GSM1900_GPRS10_Right Side_1cm_Ch810

DUT: 120823C14

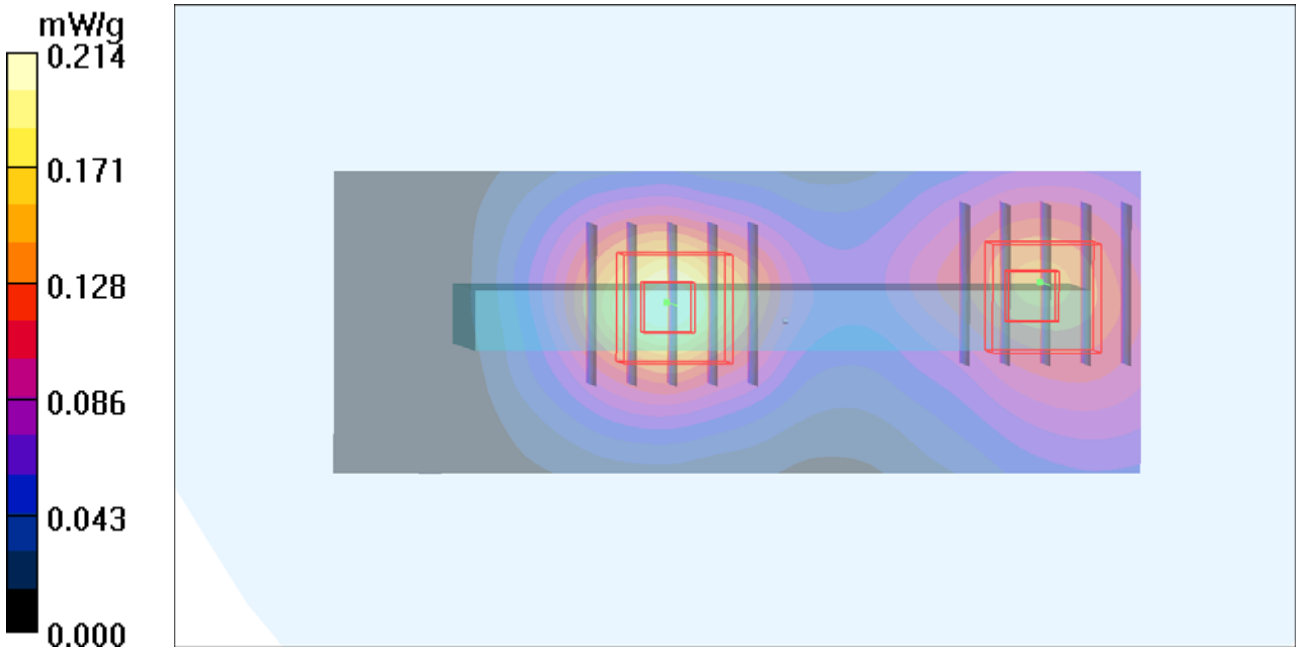
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.58 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.216 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.58 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.154 mW/g



P35 GSM1900_GPRS10_Bottom Side_1cm_Ch810

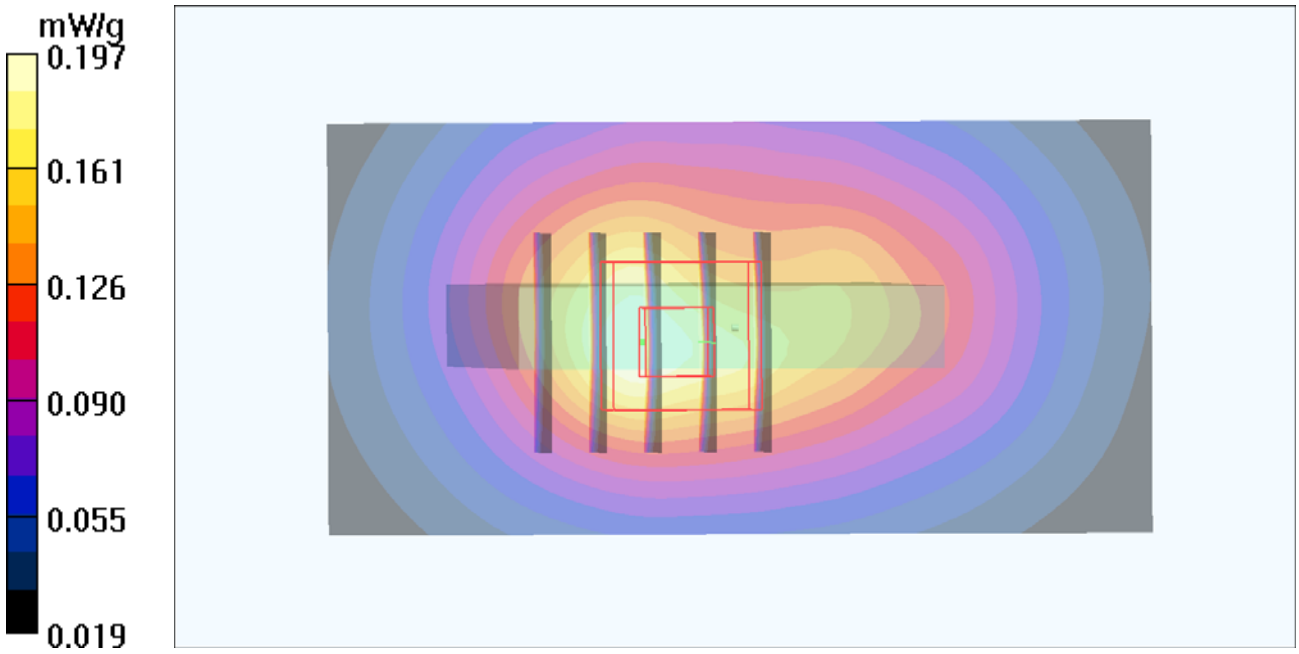
DUT: 120823C14

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.197 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.328 mW/g



P36 GSM1900_GSM_Front Face_1cm_Ch810_Earphone

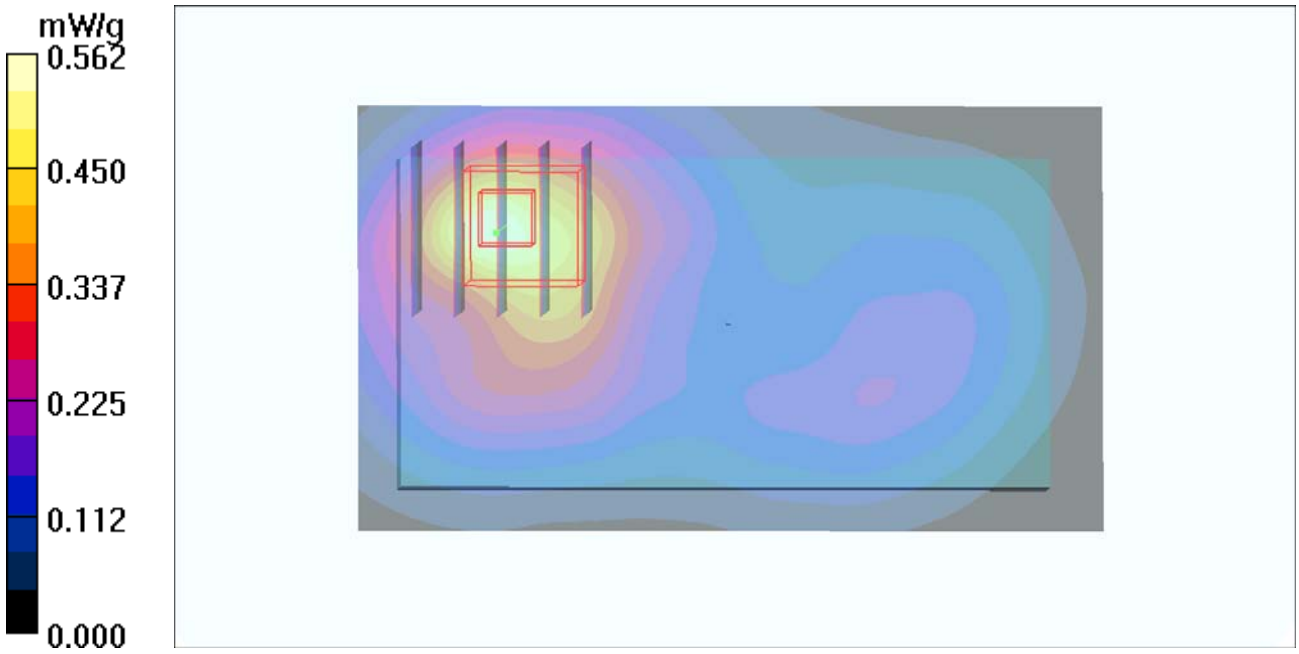
DUT: 120823C14

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.562 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.93 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.487 mW/g



P37 GSM1900_GSM_Rear Face_1cm_Ch810_Earphone

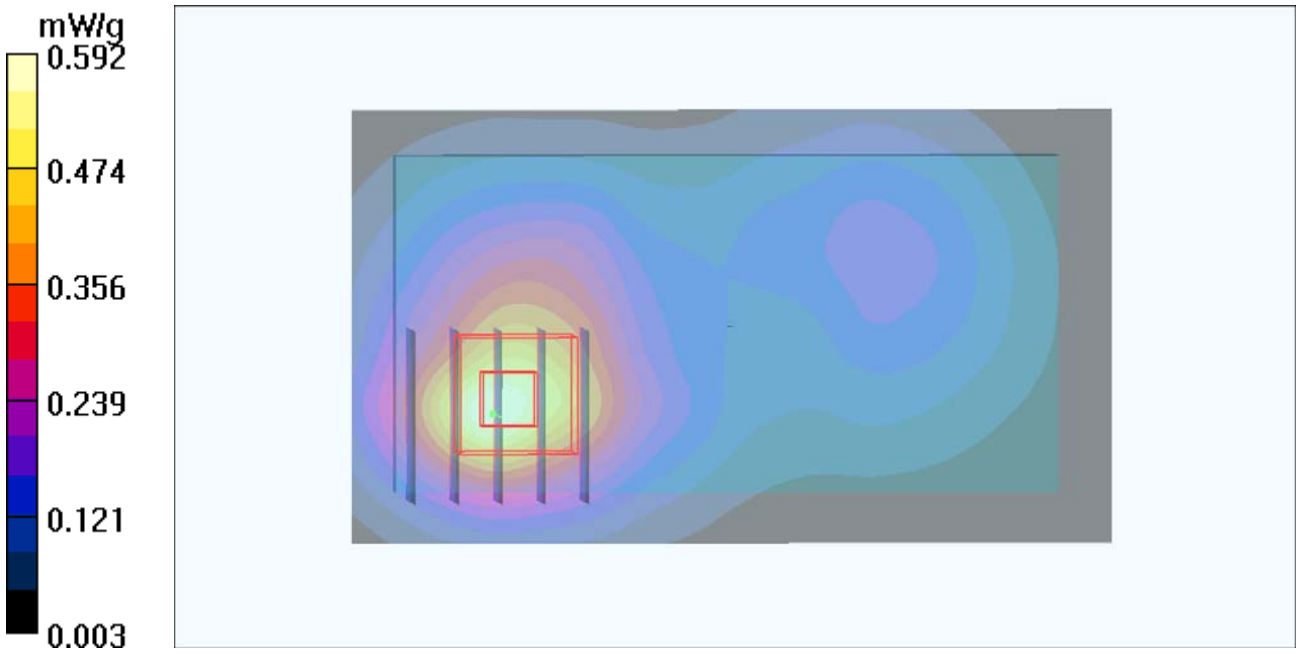
DUT: 120823C14

Communication System: GSM1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: B1900_0925 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：20.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.592 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.49 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.532 mW/g



P20 WCDMA V_RMC12.2k_Front Face_1cm_Ch4233

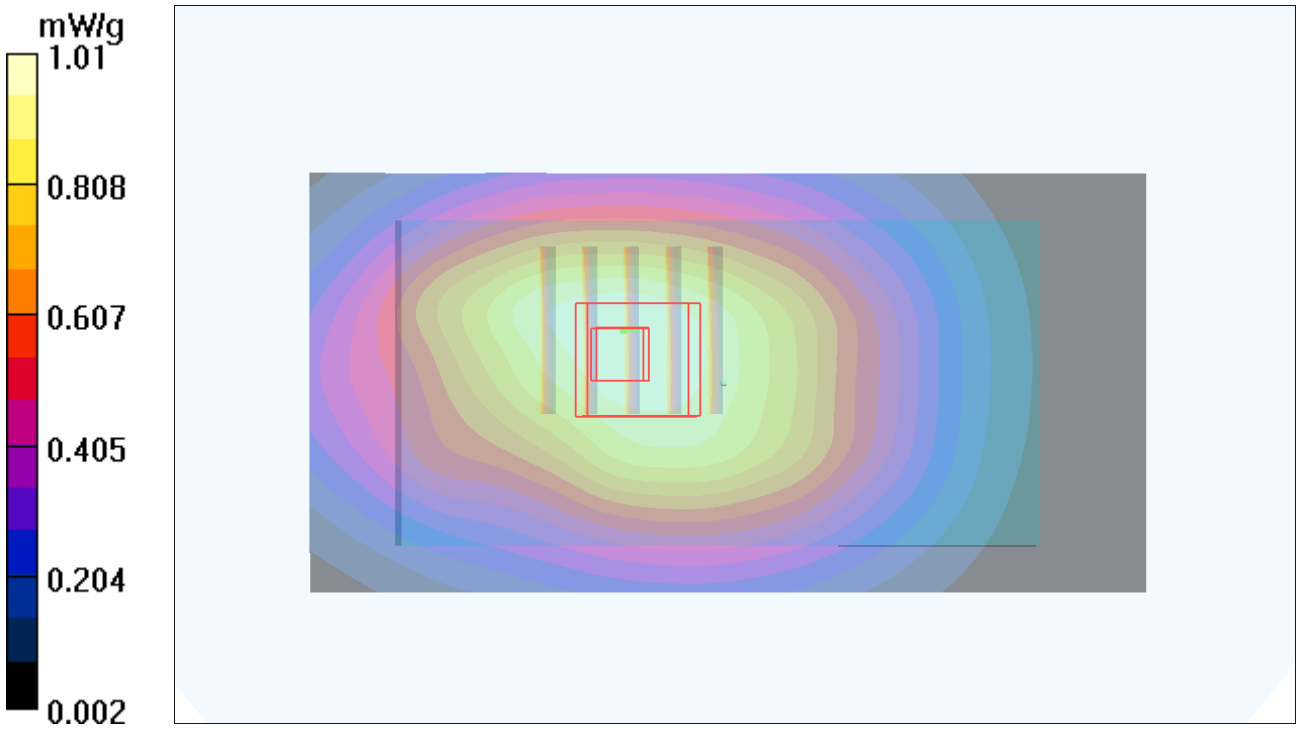
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.649 mW/g
Maximum value of SAR (measured) = 0.974 mW/g



P21 WCDMA V_RMC12.2k_Rear Face_1cm_Ch4233

DUT: 120823C14

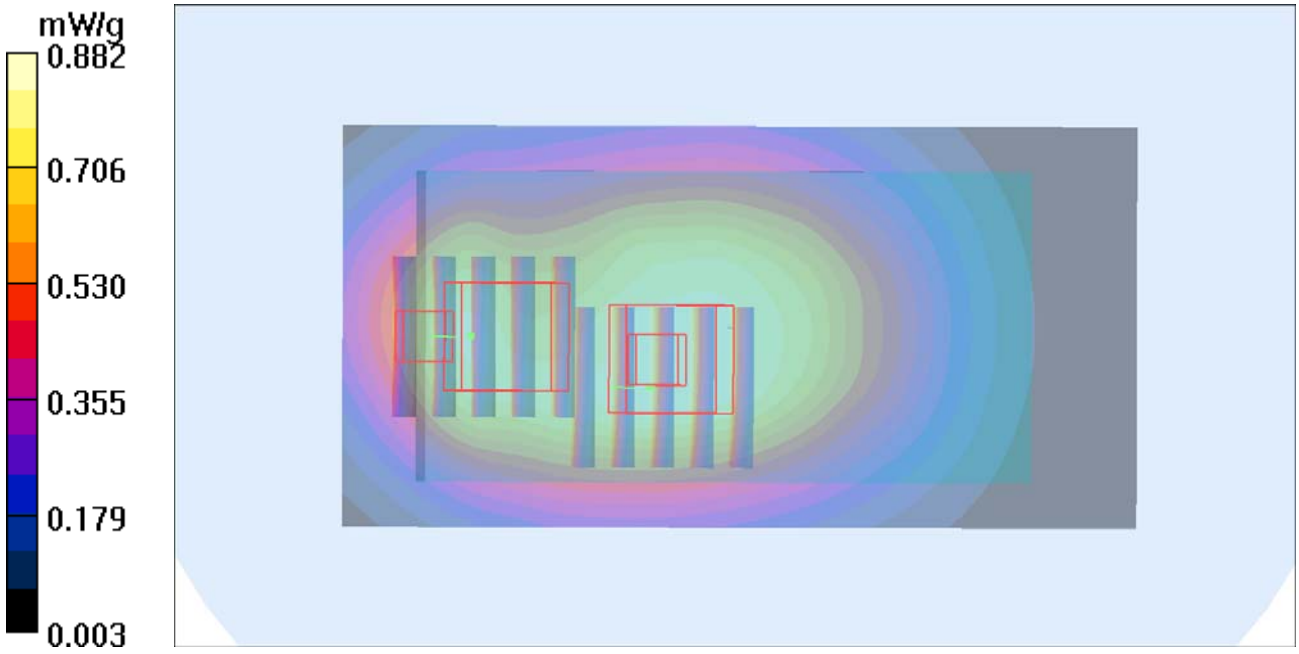
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.882 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.590 mW/g
Maximum value of SAR (measured) = 0.901 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.816 mW/g



P22 WCDMA V_RMC12.2k_Left Side_1cm_Ch4233

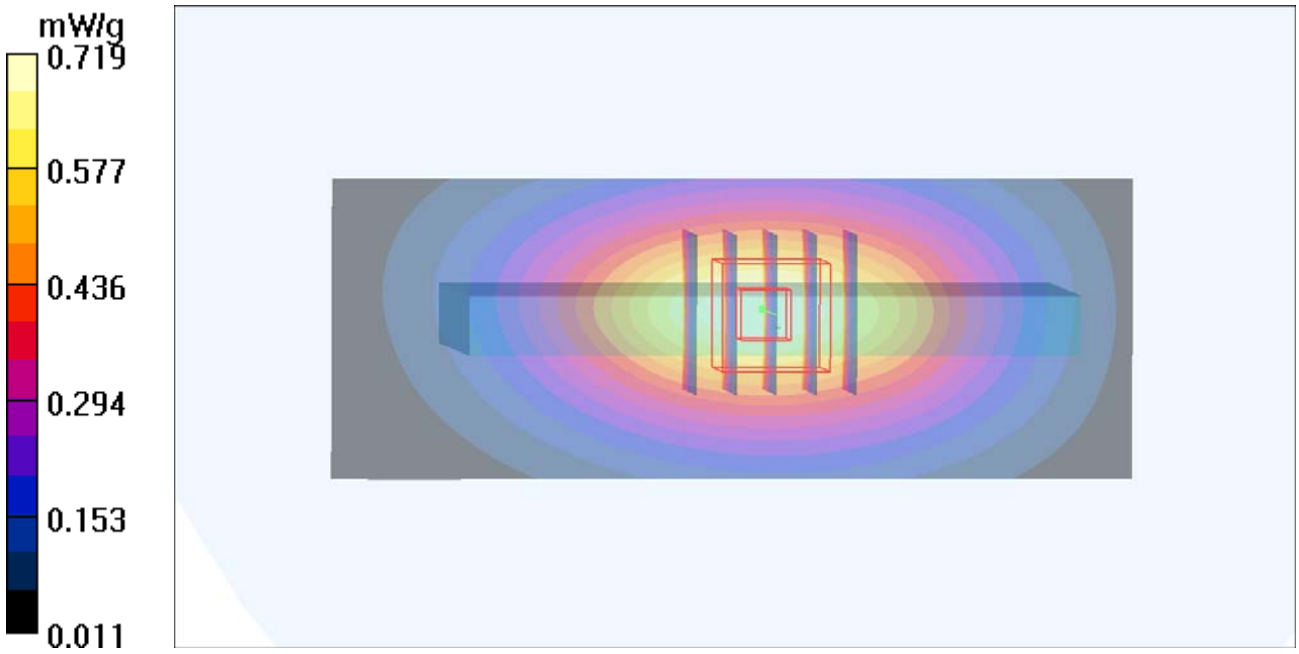
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.719 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.719 mW/g



P23 WCDMA V_RMC12.2k_Right Side_1cm_Ch4233

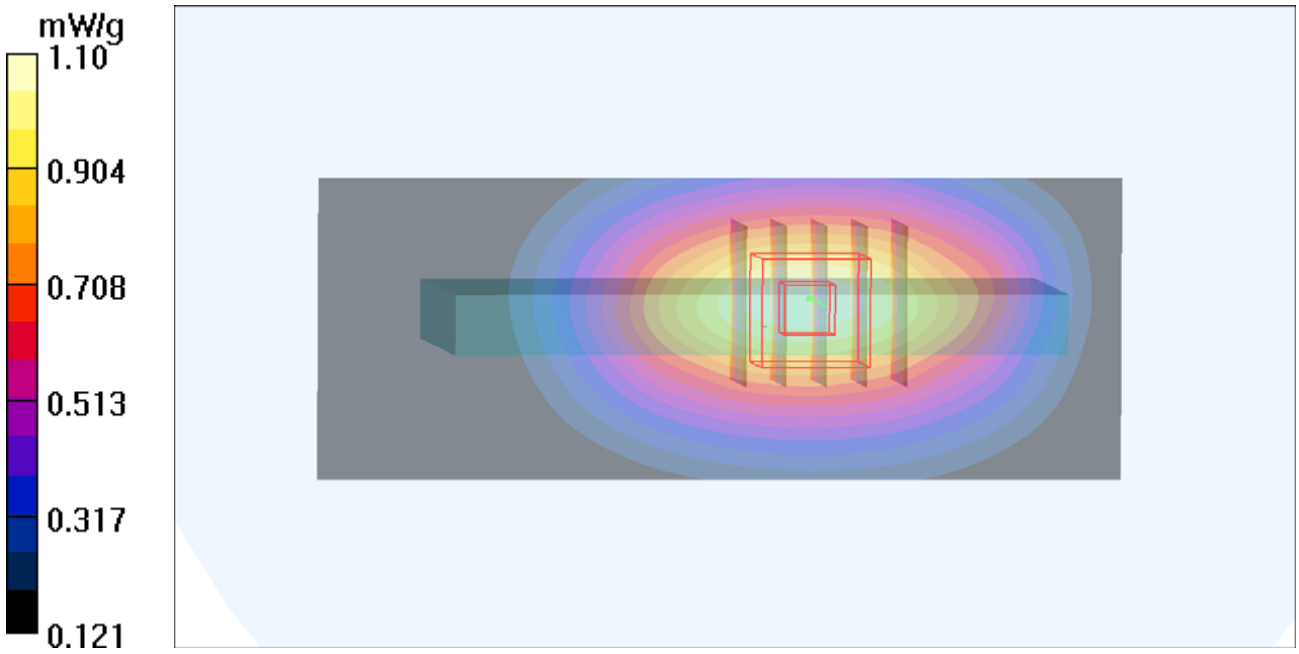
DUT: 120823C14

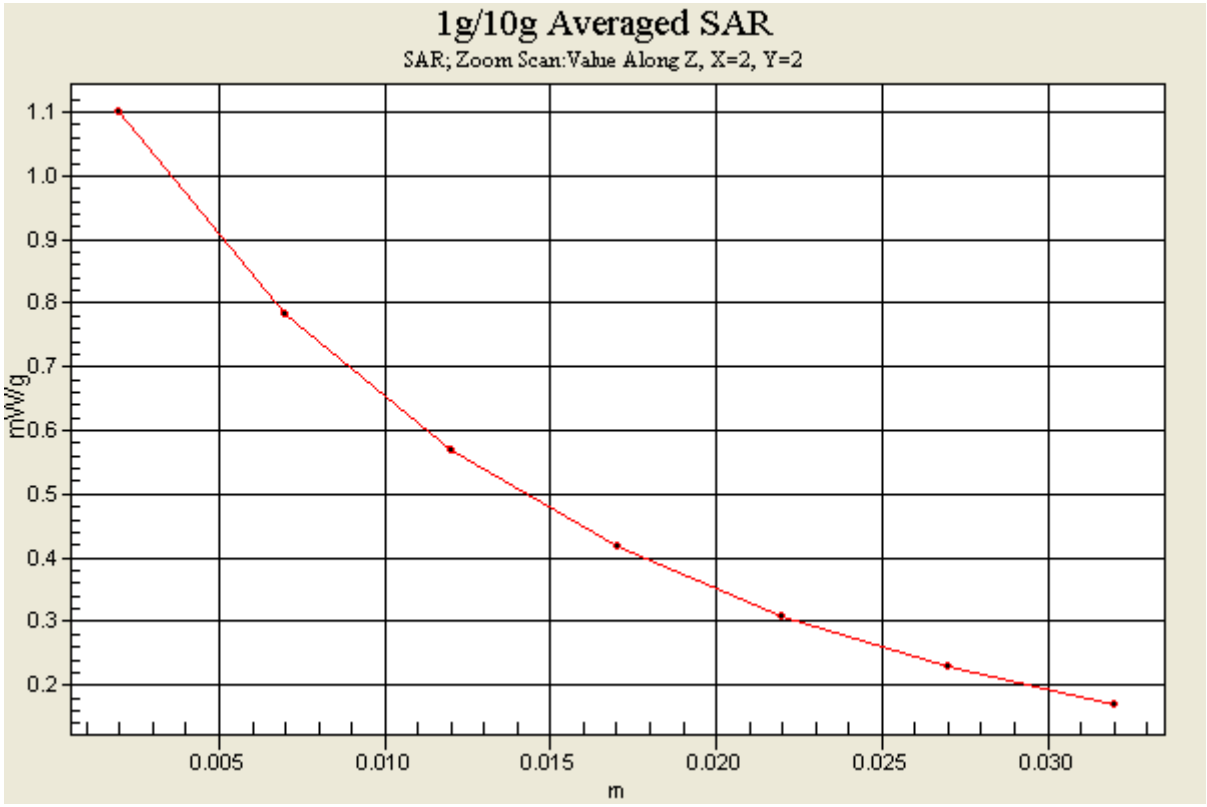
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.627 mW/g
Maximum value of SAR (measured) = 1.10 mW/g




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

P24 WCDMA V_RMC12.2k_Bottom Side_1cm_Ch4233

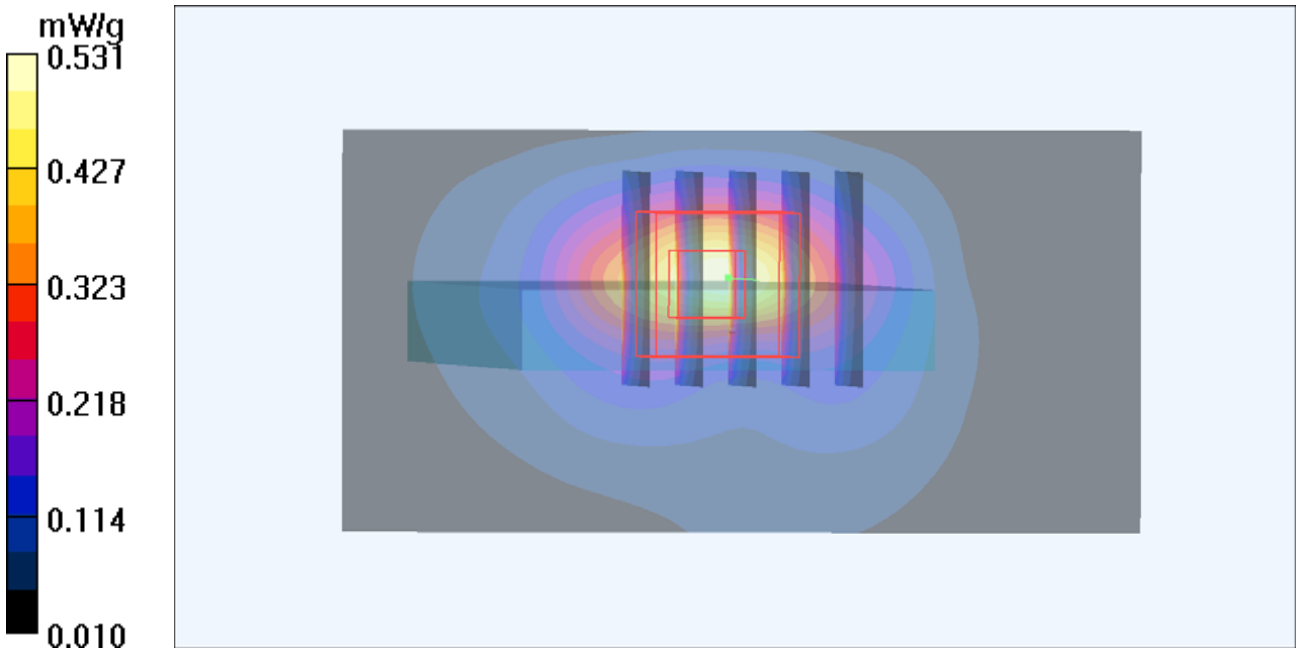
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.531 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 0.707 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.543 mW/g



P27 WCDMA V_RMC12.2k_Front Face_1cm_Ch4132

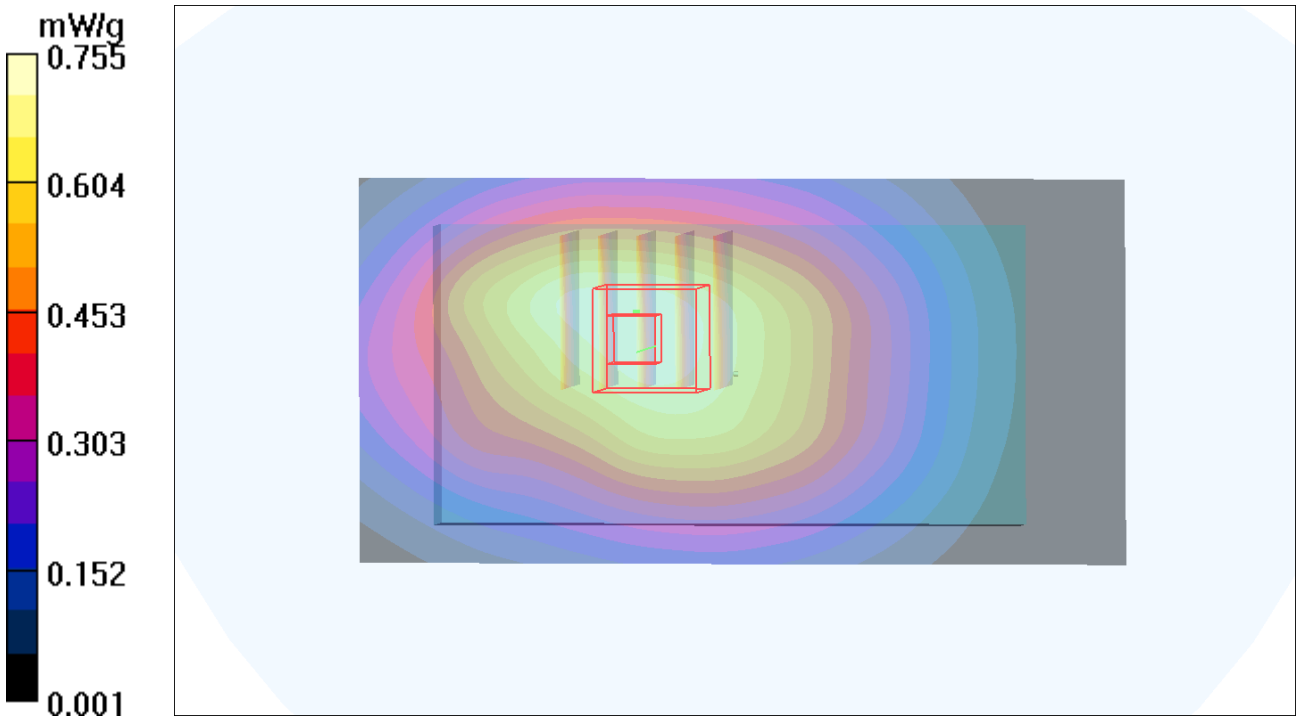
DUT: 120823C14

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.755 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 0.745 mW/g



P28 WCDMA V_RMC12.2k_Front Face_1cm_Ch4182

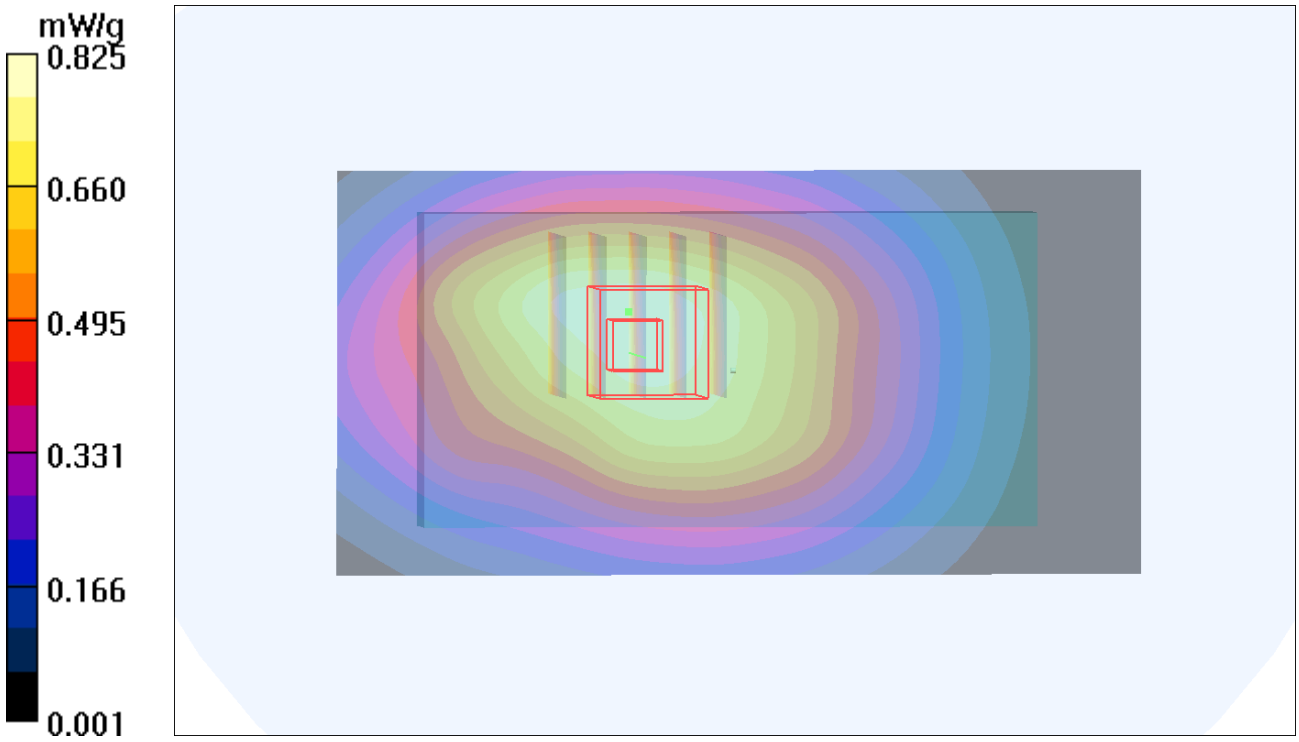
DUT: 120823C14

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.825 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.7 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 0.900 W/kg
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 0.813 mW/g



P29 WCDMA V_RMC12.2k_Right Side_1cm_Ch4132

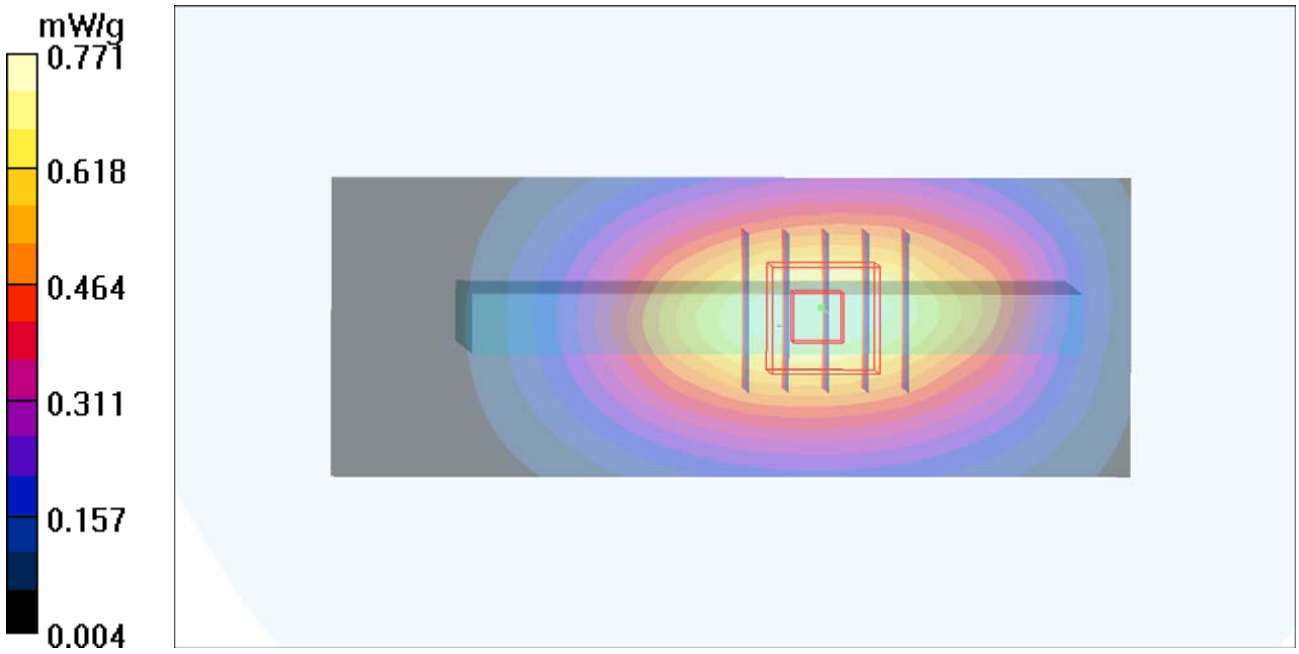
DUT: 120823C14

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 826.4 MHz; σ = 0.971 mho/m; ε_r = 56; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.771 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.8 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.793 mW/g



P30 WCDMA V_RMC12.2k_Right Side_1cm_Ch4182

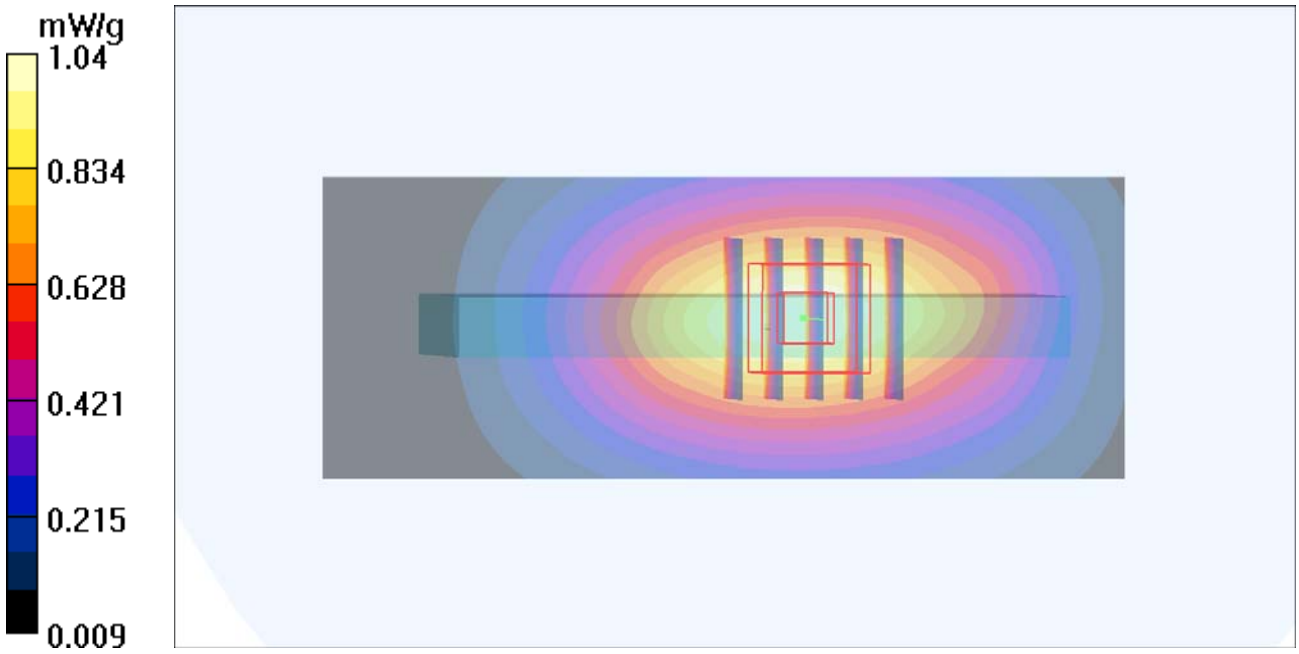
DUT: 120823C14

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 836.4 MHz; σ = 0.981 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.602 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



P25 WCDMA V_RMC12.2k_Front Face_1cm_Ch4233_Earphone

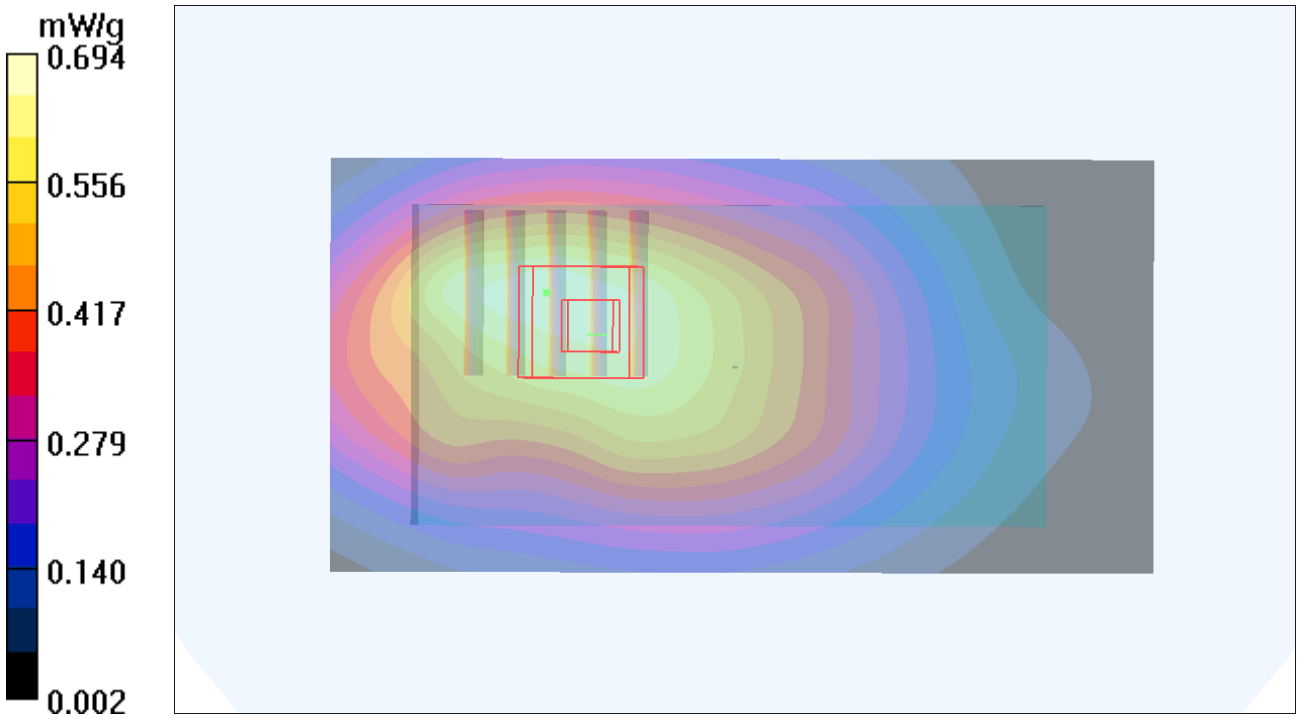
DUT: 120823C14

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.694 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.677 mW/g



P26 WCDMA V_RMC12.2k_Rear Face_1cm_Ch4233_Earphone

DUT: 120823C14

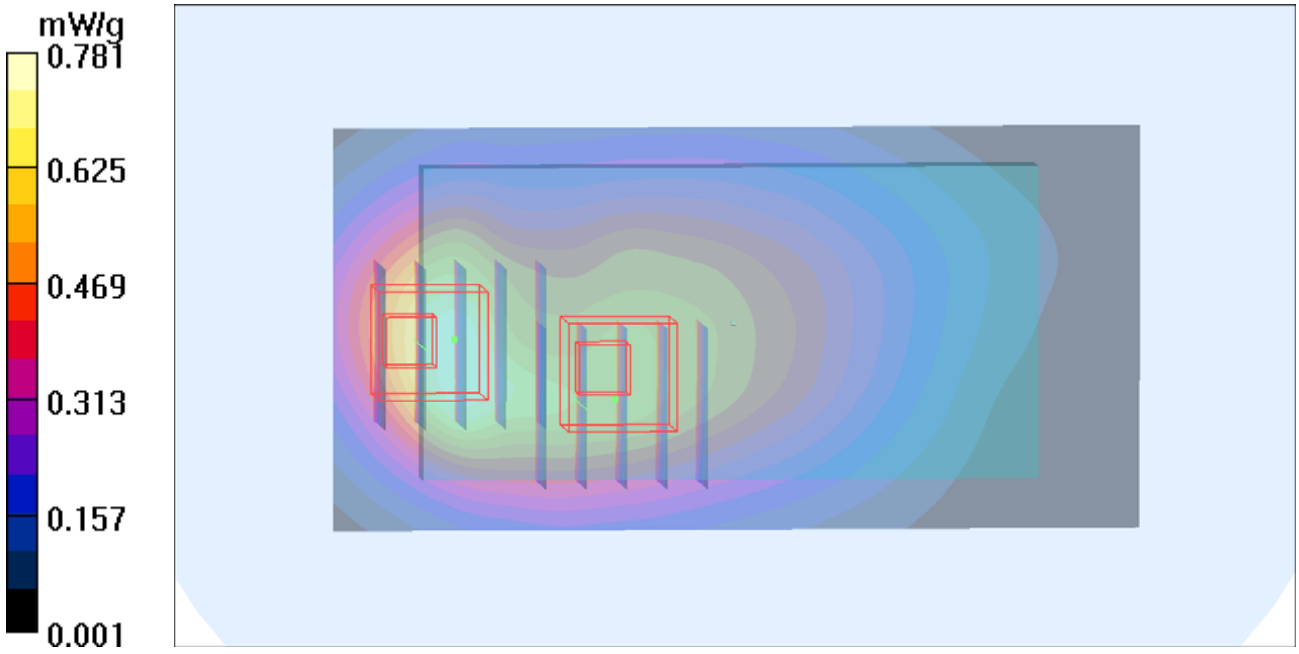
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: B835_0924 Medium parameters used: f = 847 MHz; σ = 0.991 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.94, 9.94, 9.94); Calibrated: 2012/07/19
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.781 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.345 mW/g
Maximum value of SAR (measured) = 0.822 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.659 mW/g



P129 802.11b_Front Face_1cm_Ch6

DUT: 120823C14

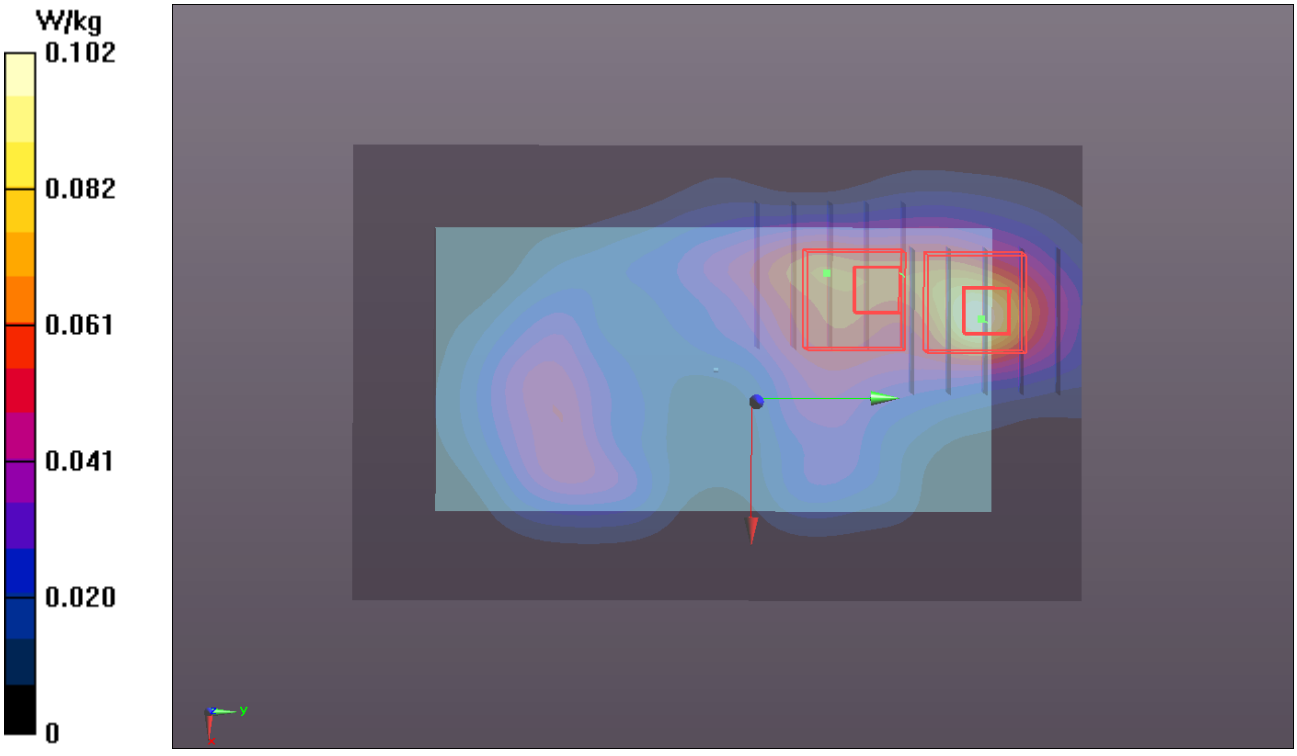
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.029 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.132 mW/g
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.0968 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.029 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.087 mW/g
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.0646 W/kg



P130 802.11b_Rear Face_1cm_Ch6

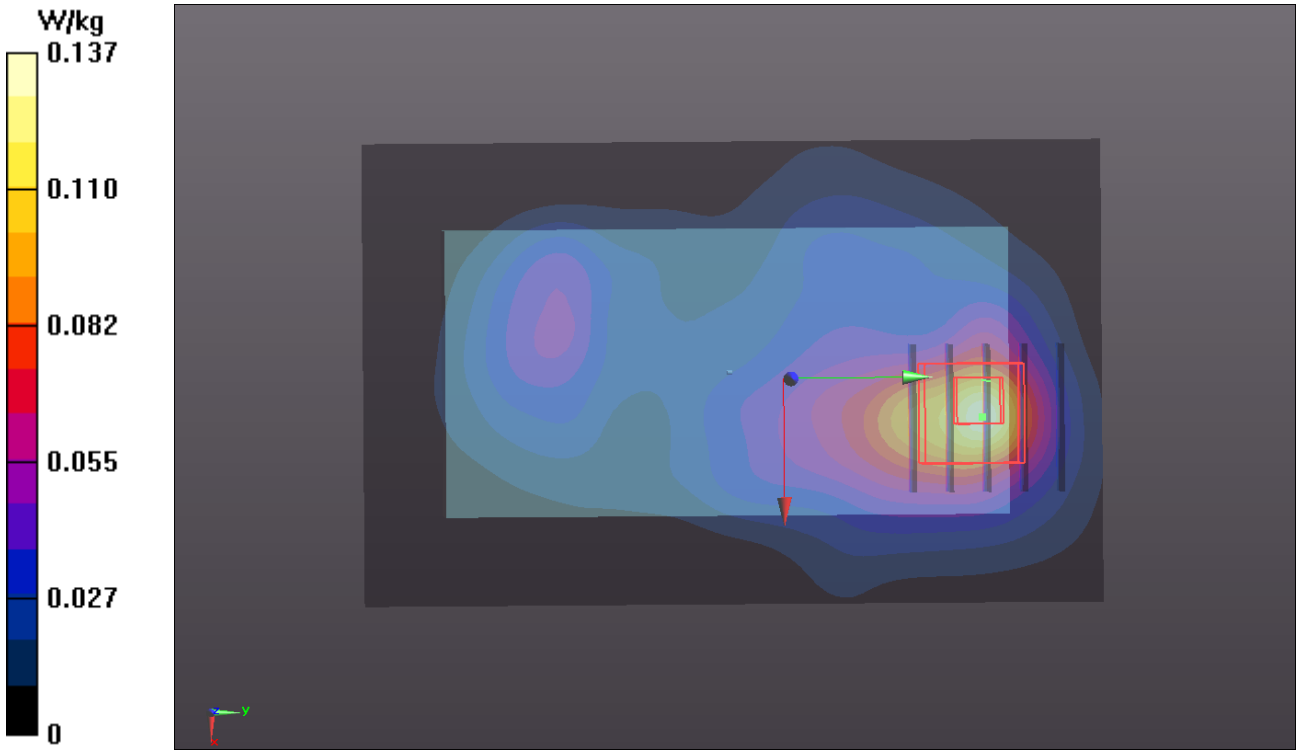
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.137 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.814 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.195 mW/g
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.136 W/kg



P131 802.11b_Left Side_1cm_Ch6

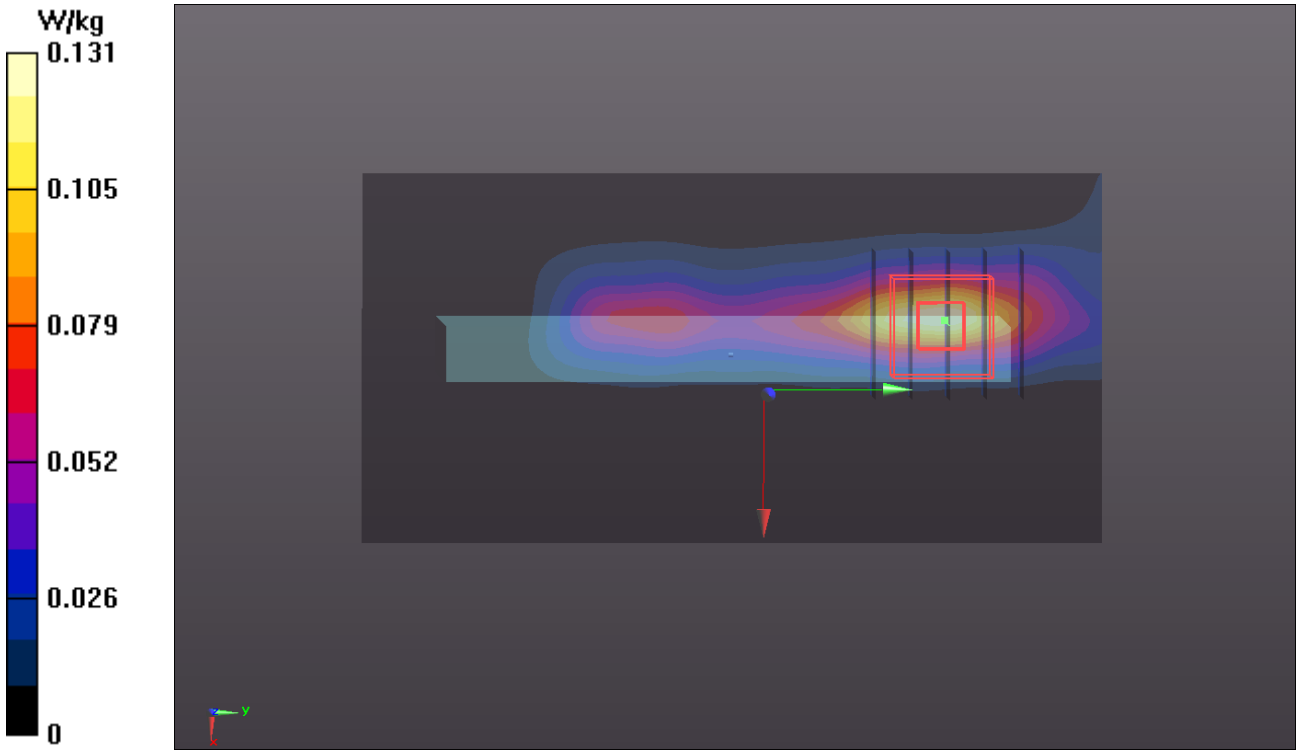
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.131 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.726 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.078 mW/g
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0602 W/kg



P132 802.11b_Right Side_1cm_Ch6

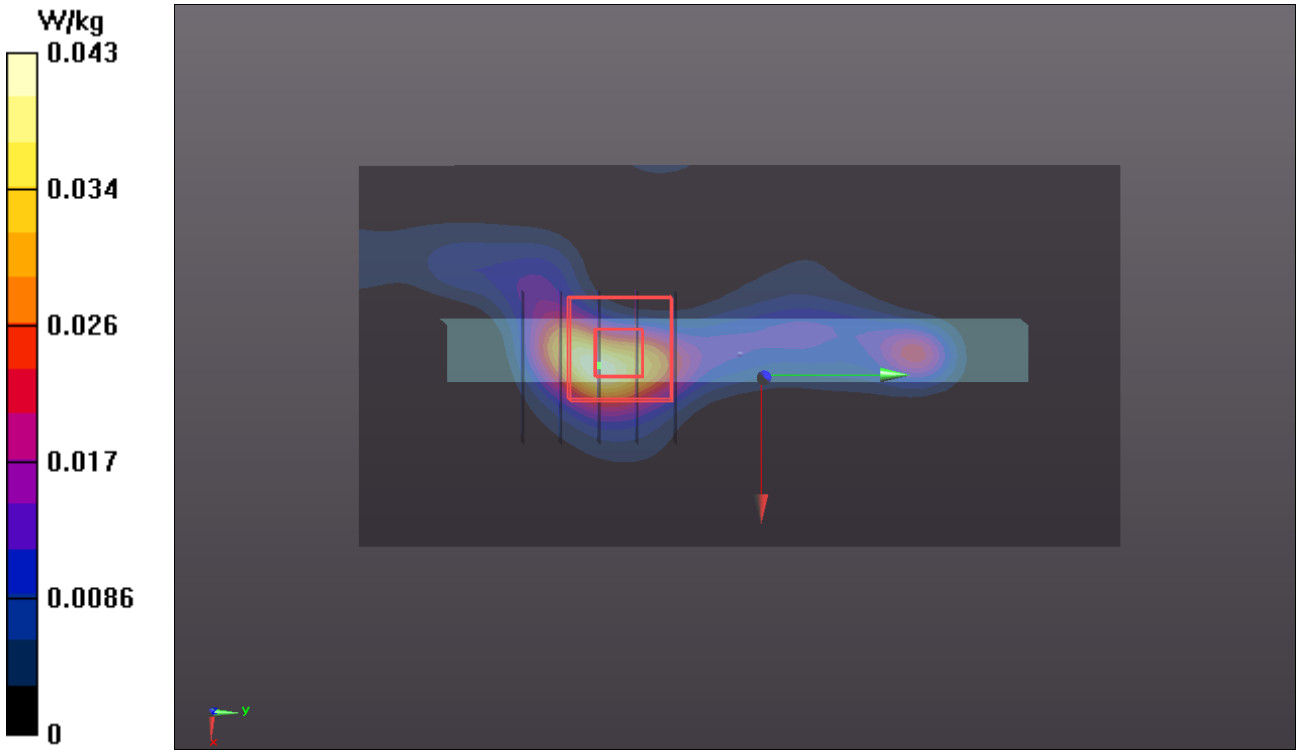
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0430 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.991 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.045 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.0339 W/kg



P133 802.11b_Top Side_1cm_Ch6

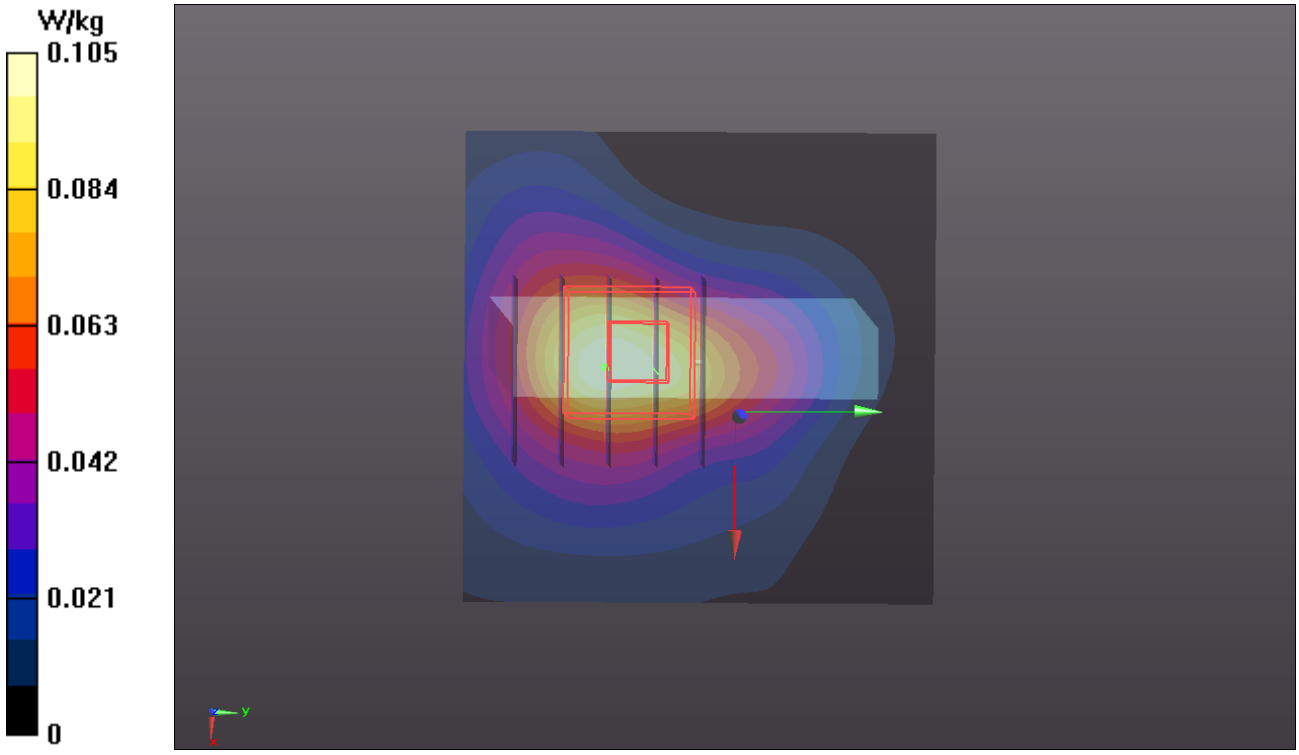
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.105 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.472 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.194 mW/g
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.132 W/kg



P134 802.11b_Front Face_1cm_Ch6_Earphone

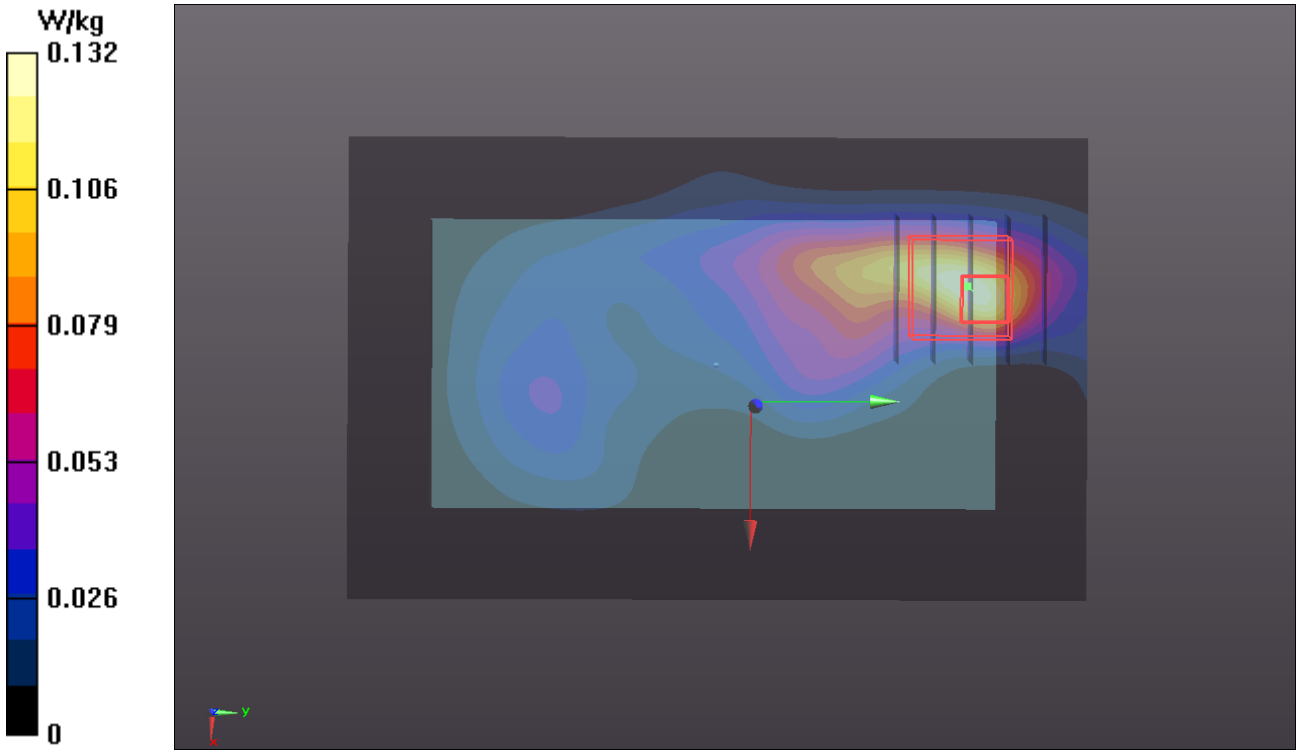
DUT: 120823C14

Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.132 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.916 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.131 mW/g
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0936 W/kg



P135 802.11b_Rear Face_1cm_Ch6_Earphone

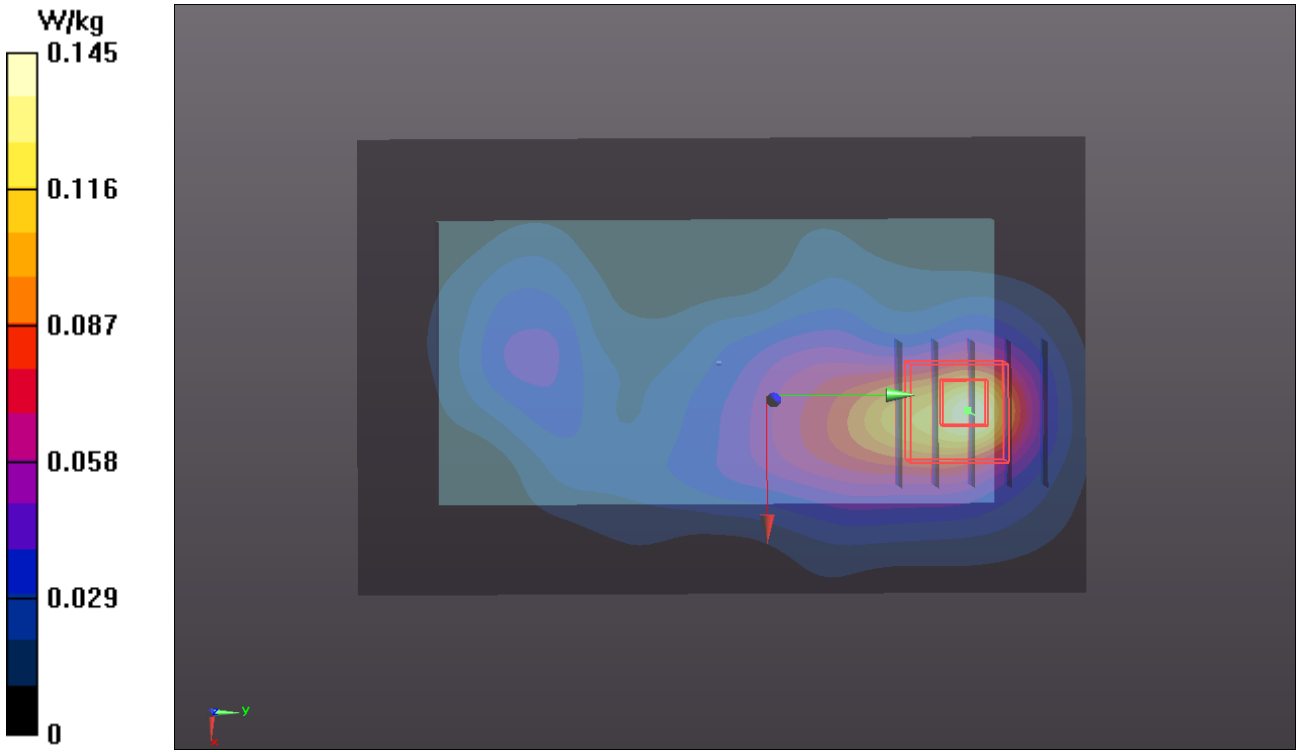
DUT: 120823C14

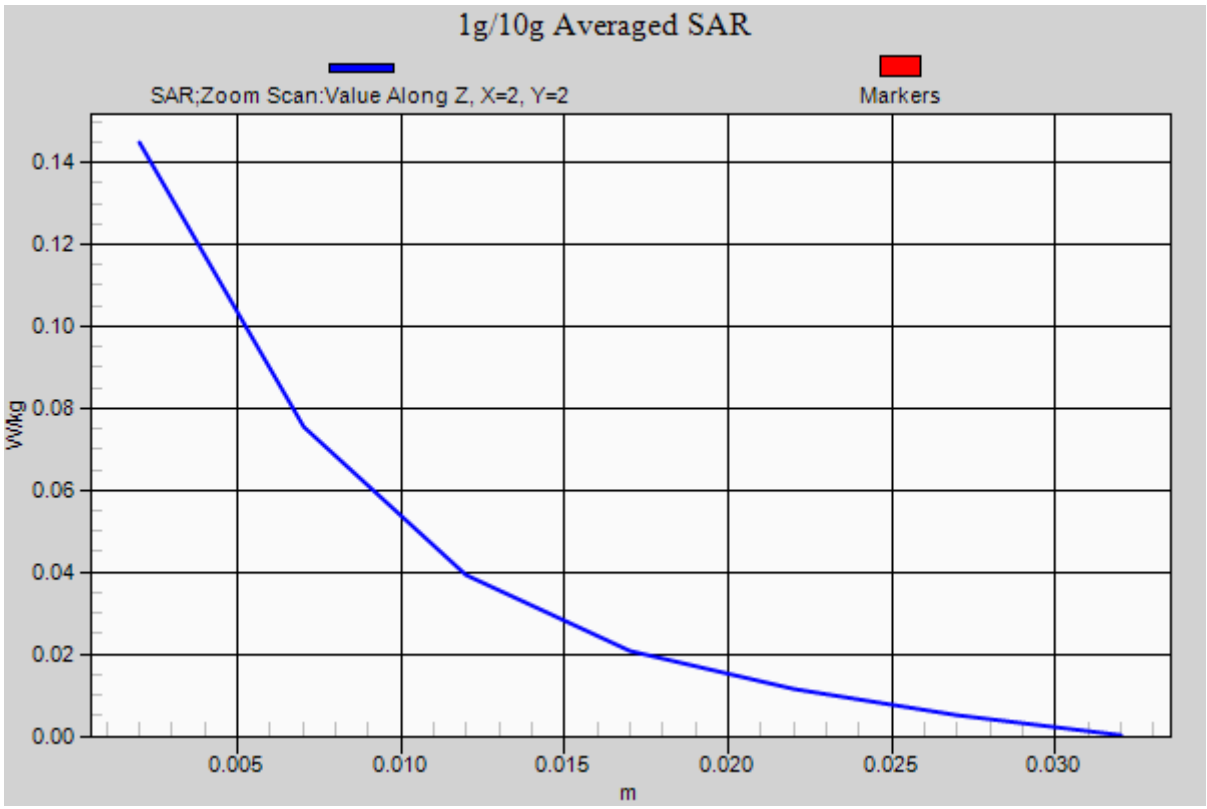
Communication System: WLAN_2.4G; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: B2450_1007 Medium parameters used: f = 2437 MHz; σ = 1.997 mho/m; ε_r = 52.995; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.145 W/kg

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.752 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.201 mW/g
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.145 W/kg




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

P101 802.11a_Front Face_1cm_Ch44

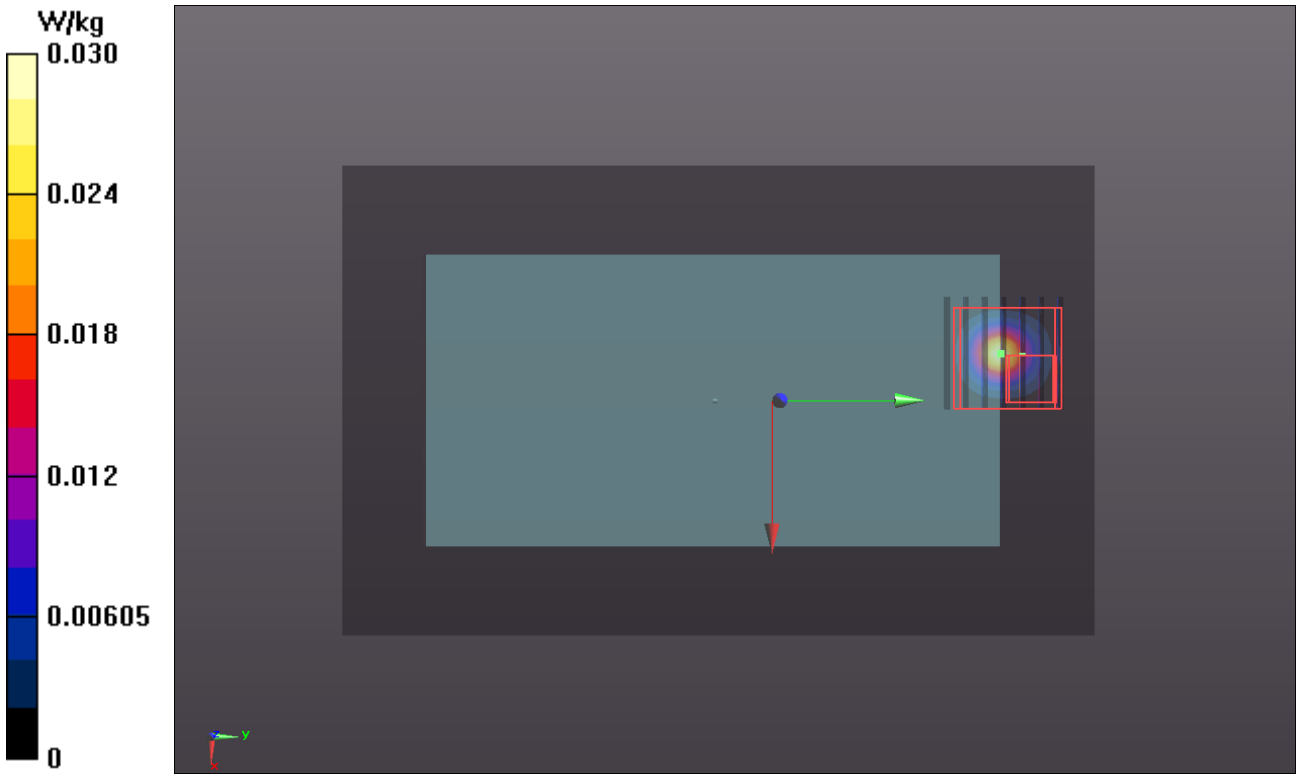
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1004 Medium parameters used: f = 5220 MHz; σ = 5.316 mho/m; ε_r = 48.865; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0303 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.187 mW/g
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00409 mW/g
Maximum value of SAR (measured) = 0.0364 W/kg



P102 802.11a_Rear Face_1cm_Ch44

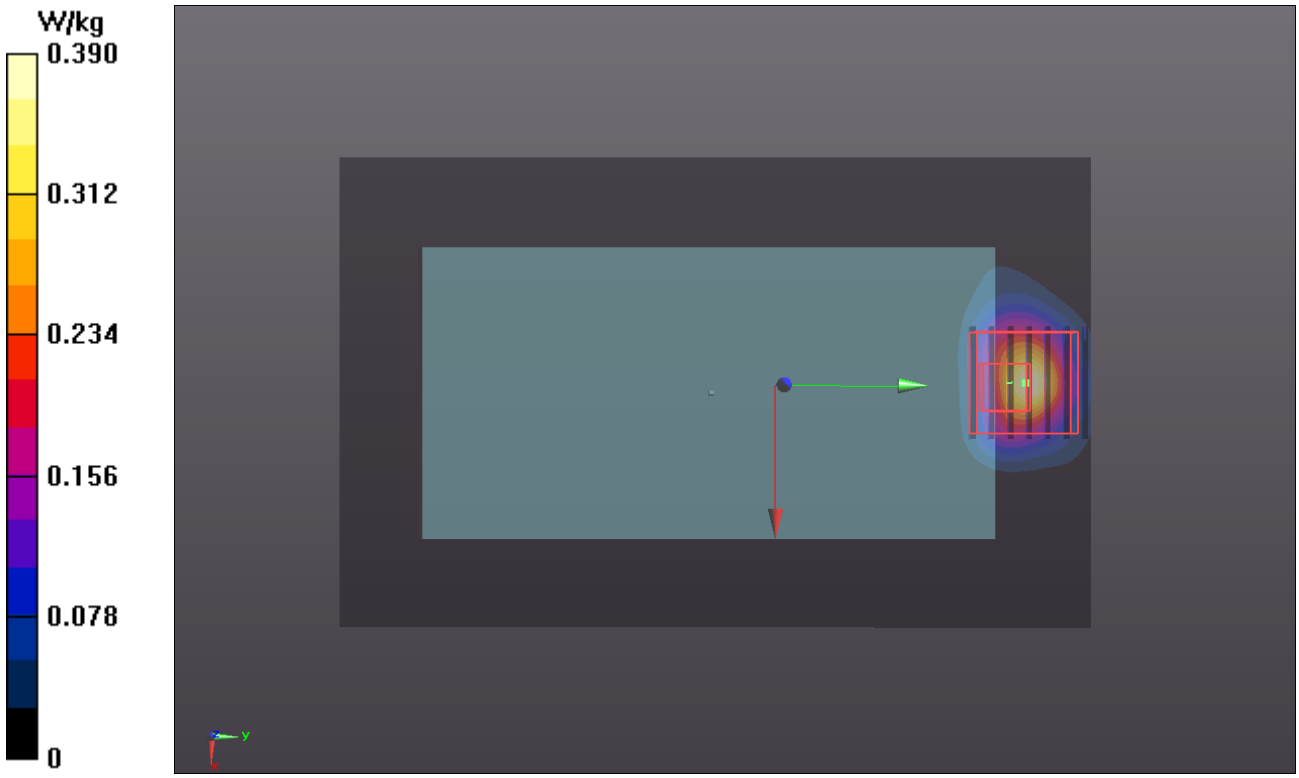
DUT: 120823C14

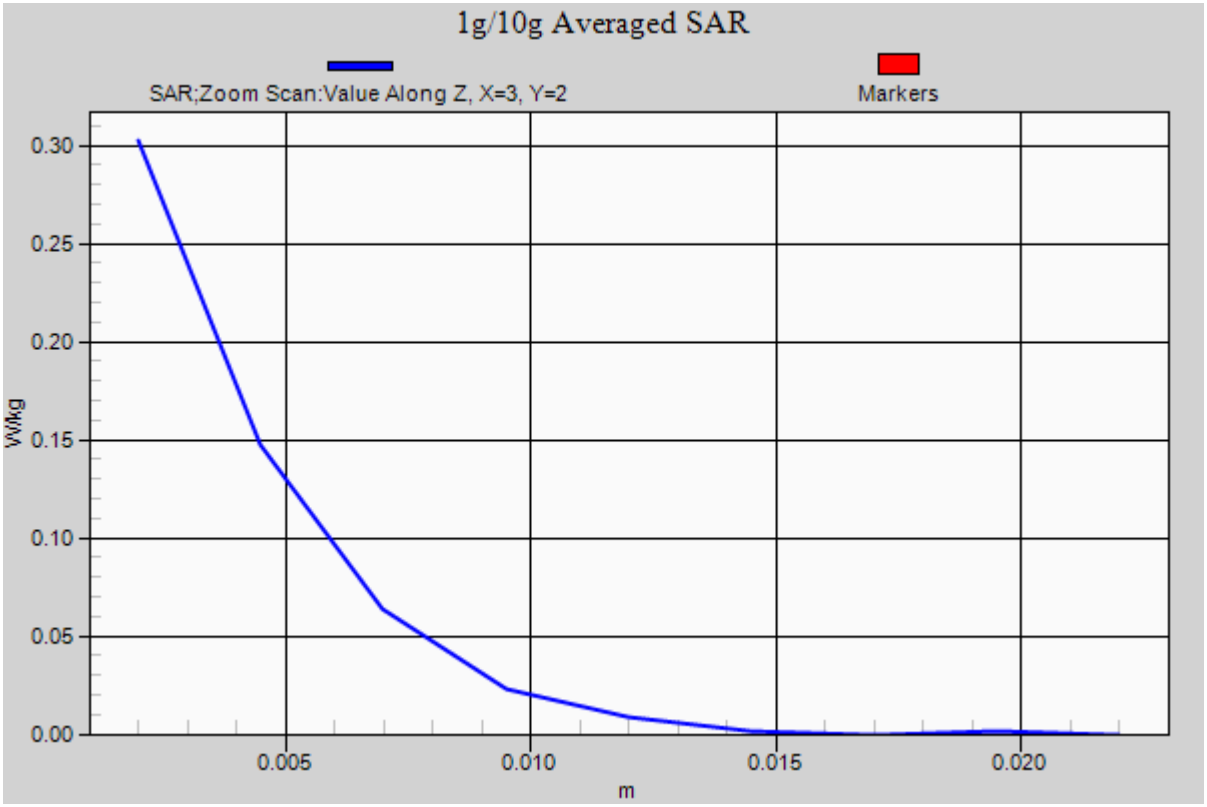
Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1004 Medium parameters used: f = 5220 MHz; σ = 5.316 mho/m; ε_r = 48.865; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.390 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.519 mW/g
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.302 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
m

P112 802.11a_Left Side_1cm_Ch44

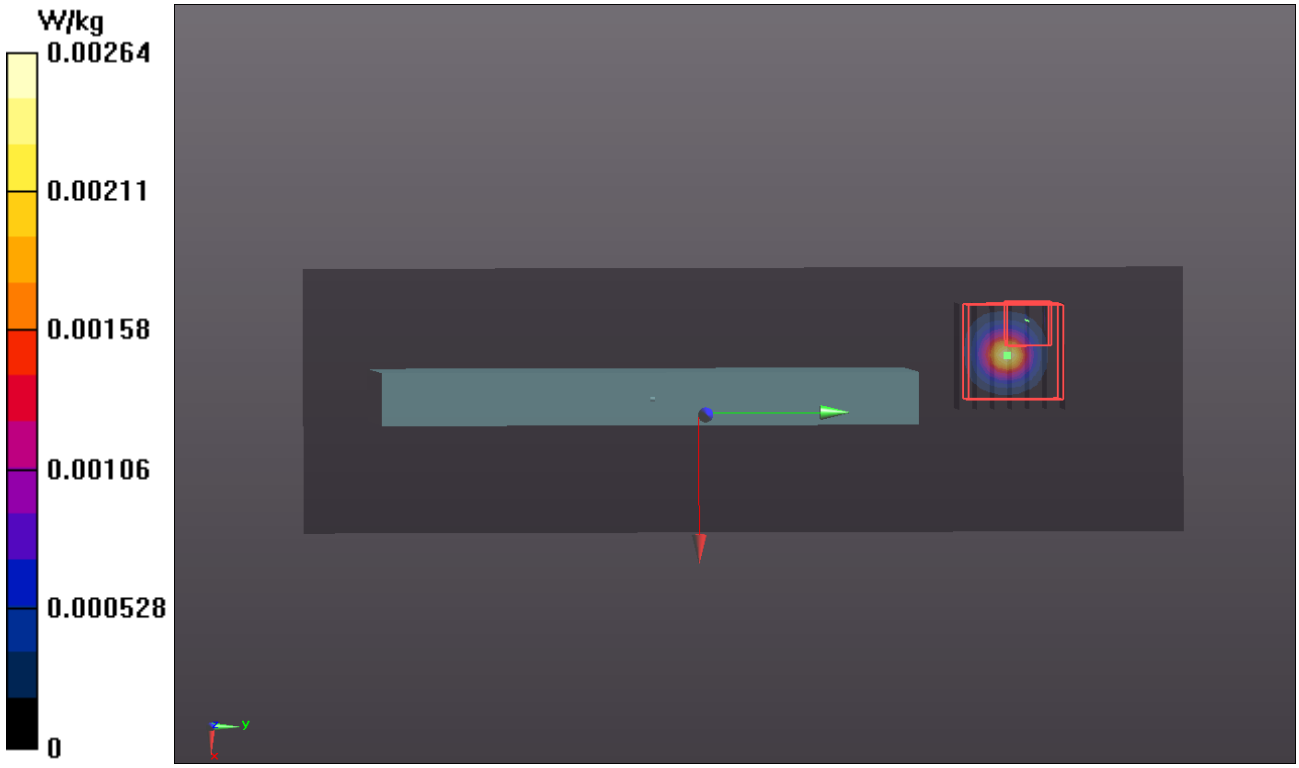
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5220 MHz; σ = 5.281 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00264 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.154 mW/g
SAR(1 g) = 0.001 mW/g; SAR(10 g) = 0.000102 mW/g
Maximum value of SAR (measured) = 0.154 W/kg



P104 802.11a_Right Side_1cm_Ch44

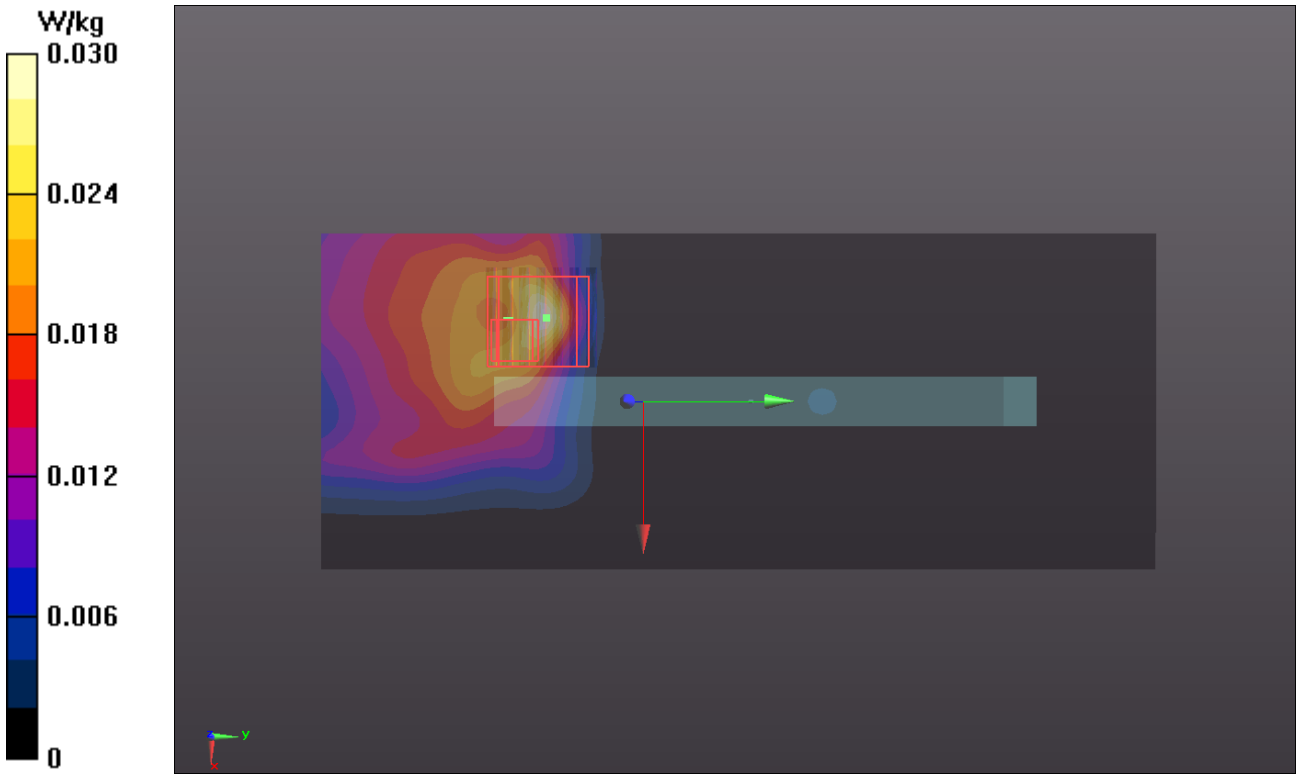
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5220 MHz; σ = 5.281 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0300 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.670 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.071 mW/g
SAR(1 g) = 0.00922 mW/g; SAR(10 g) = 0.00296 mW/g
Maximum value of SAR (measured) = 0.0210 W/kg



P105 802.11a_Top Side_1cm_Ch44

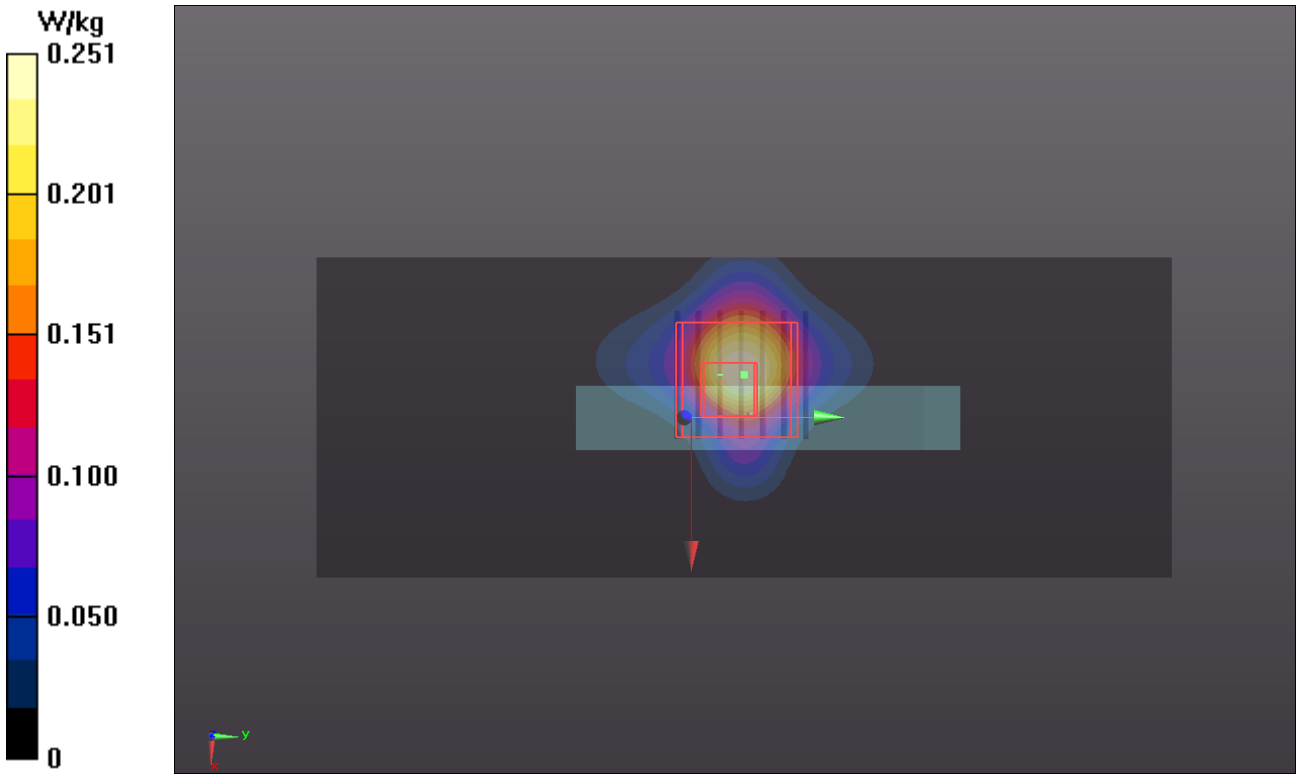
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5220 MHz; σ = 5.281 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.251 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.091 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.501 mW/g
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.281 W/kg



P106 802.11a_Front Face_1cm_Ch44_Earphone

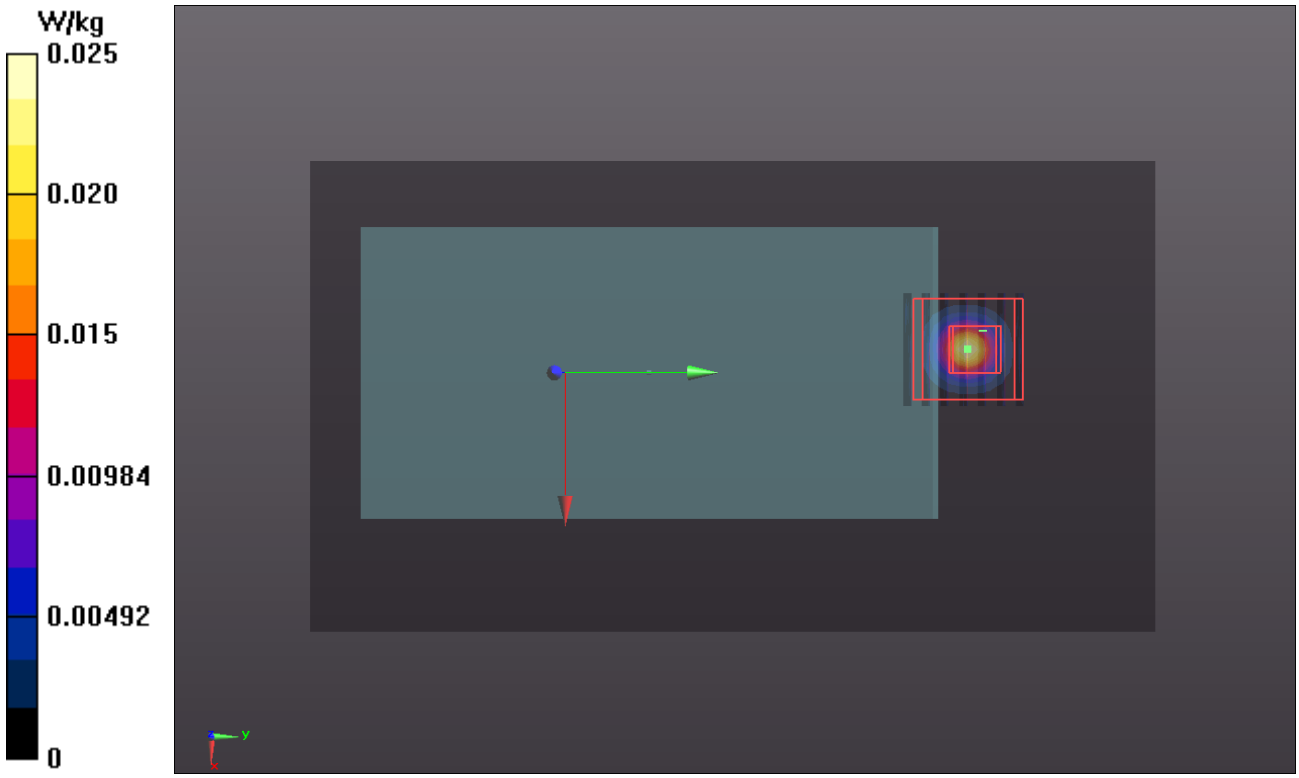
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5220 MHz; σ = 5.281 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0246 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.769 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00319 mW/g
Maximum value of SAR (measured) = 0.0242 W/kg



P107 802.11a_Rear Face_1cm_Ch44_Earphone

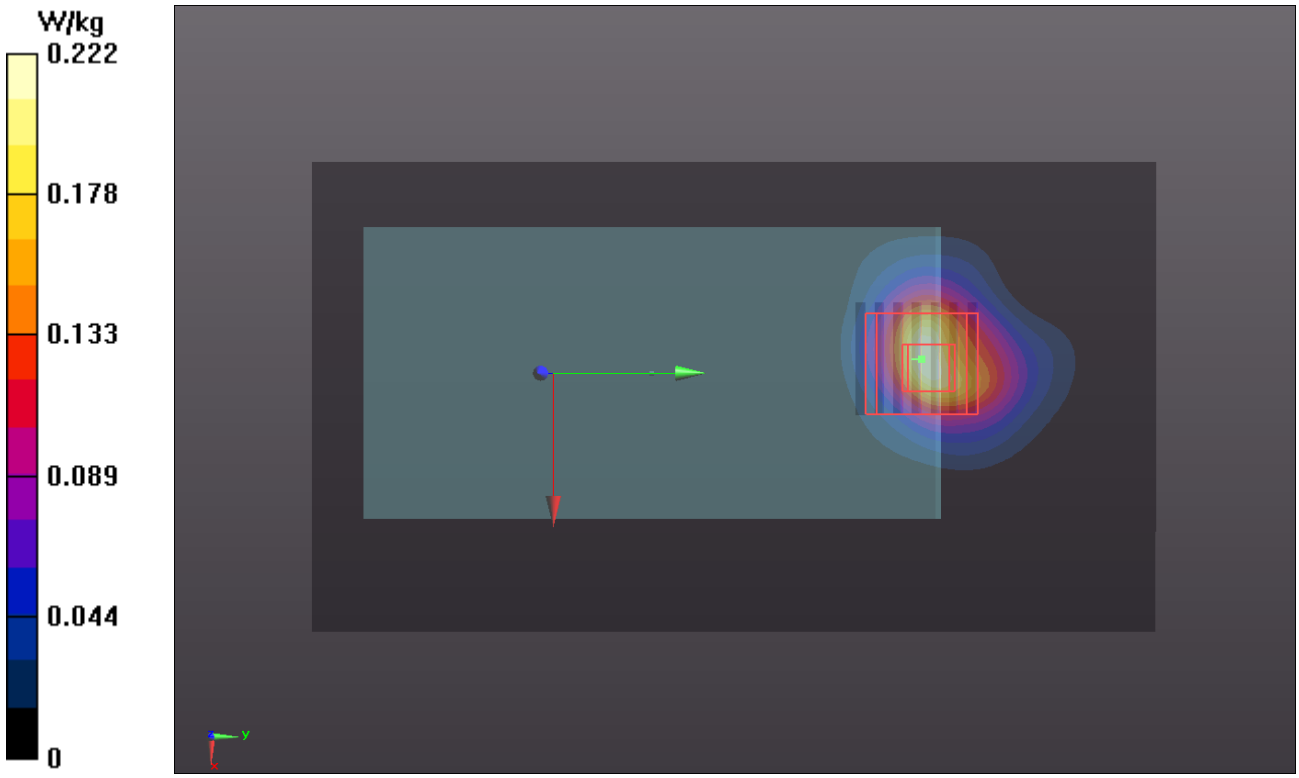
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5220 MHz; σ = 5.281 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch44/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.222 W/kg

Ch44/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.433 mW/g
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.232 W/kg



P108 802.11a_Front Face_1cm_Ch52_Earphone

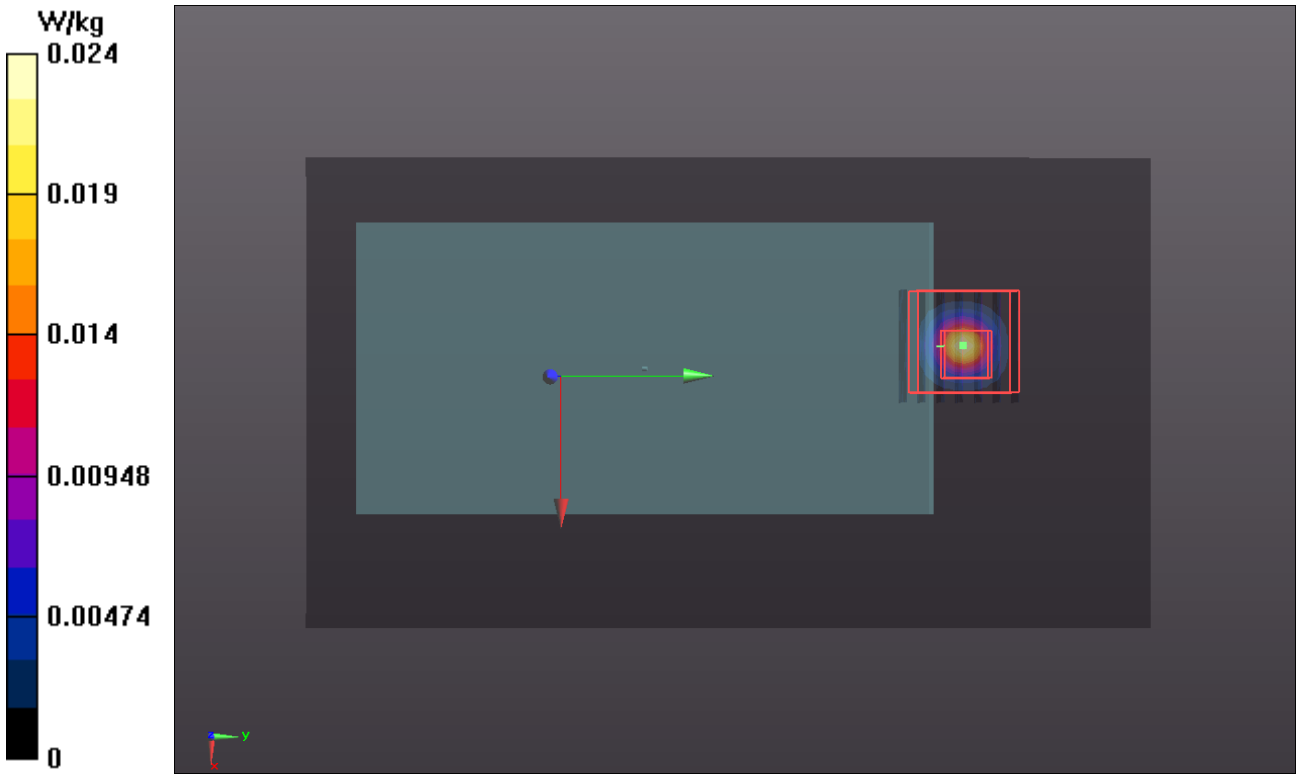
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5260 MHz; σ = 5.363 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0237 W/kg

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.083 mW/g
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00265 mW/g
Maximum value of SAR (measured) = 0.0288 W/kg



P109 802.11a_Rear Face_1cm_Ch52_Earphone

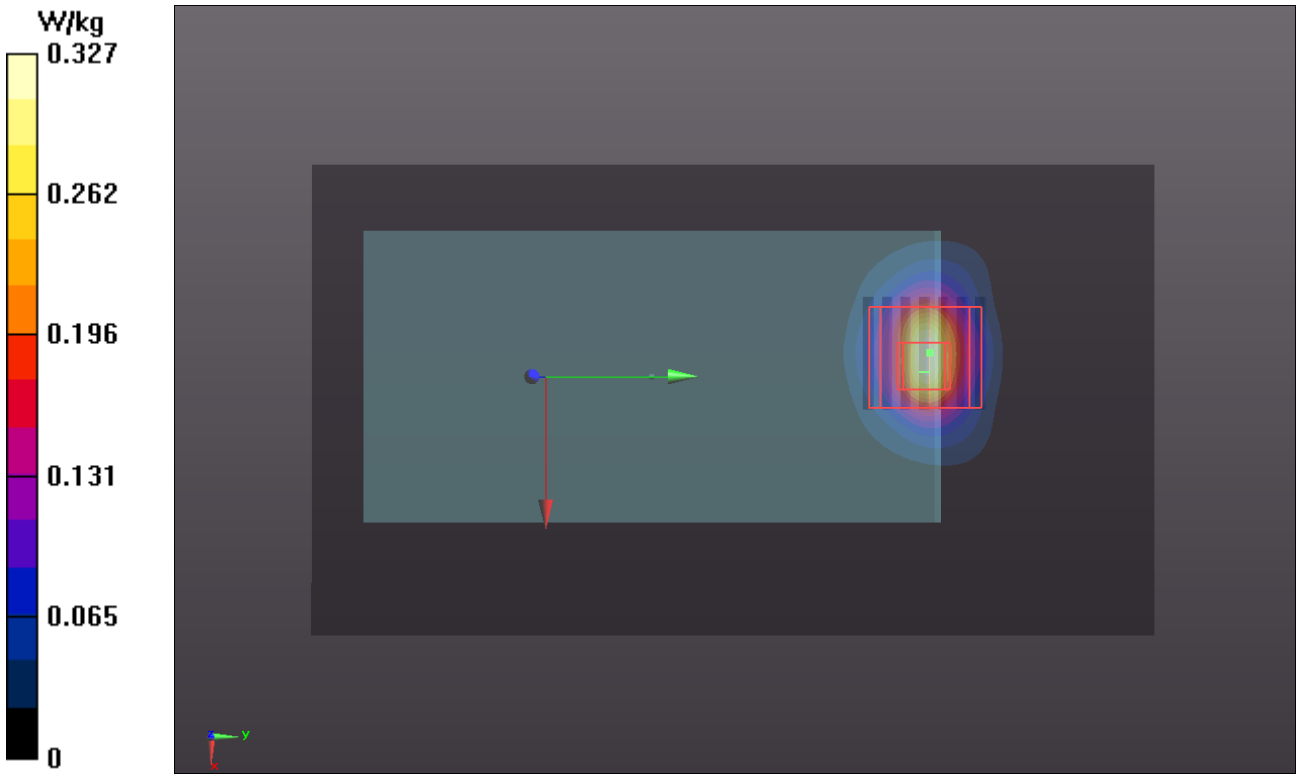
DUT: 120823C14

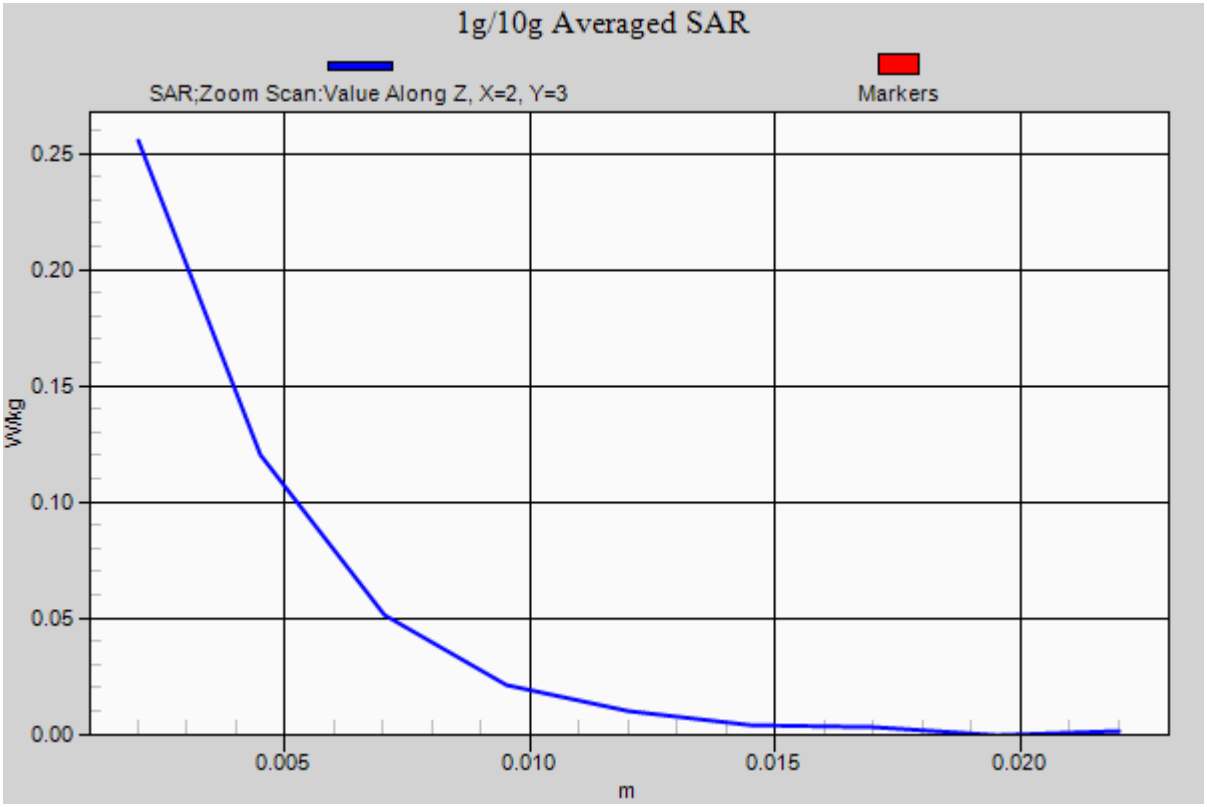
Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5260 MHz; σ = 5.363 mho/m; ε_r = 49.366; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.327 W/kg

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.455 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.256 W/kg




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

P110 802.11a_Front Face_1cm_Ch140_Earphone

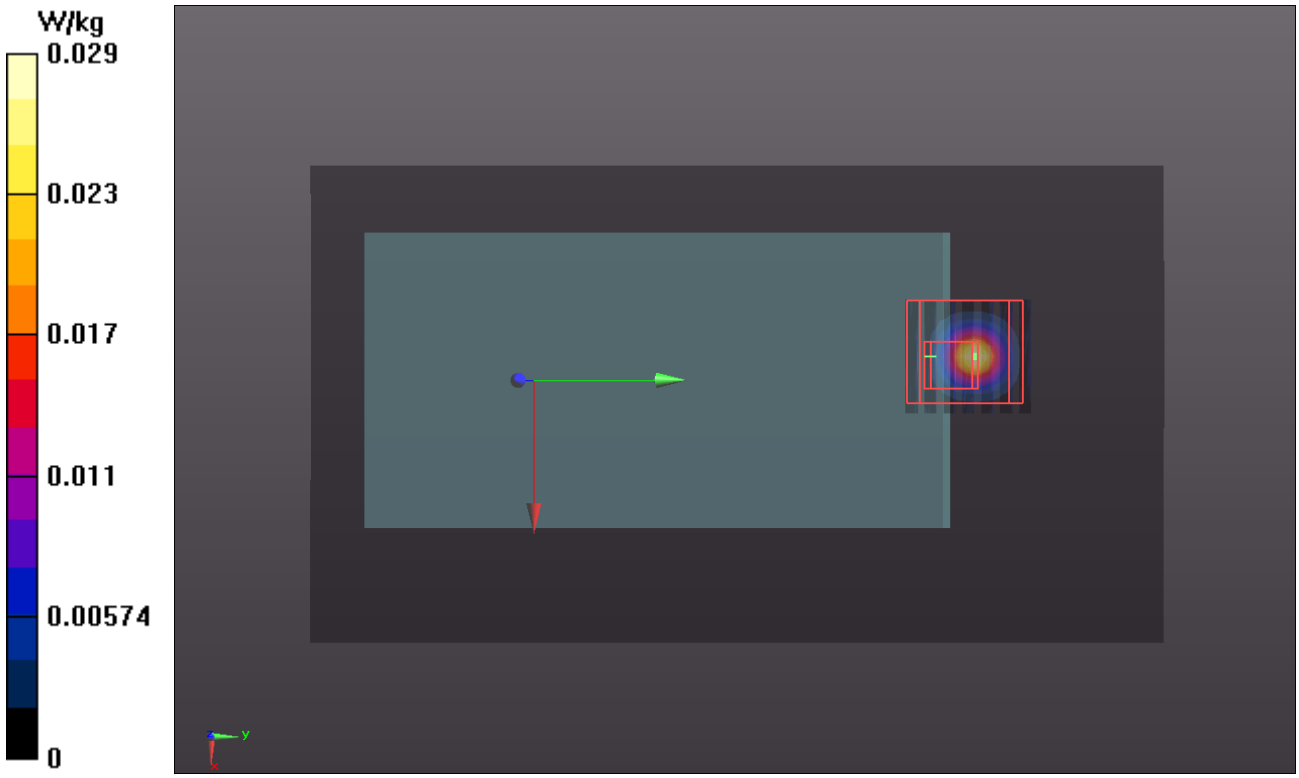
DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5700 MHz; σ = 5.989 mho/m; ε_r = 48.436; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0287 W/kg

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.145 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00289 mW/g
Maximum value of SAR (measured) = 0.0266 W/kg



P111 802.11a_Rear Face_1cm_Ch140_Earphone

DUT: 120823C14

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: B5G_1005 Medium parameters used: f = 5700 MHz; σ = 5.989 mho/m; ε_r = 48.436; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch140/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.216 W/kg

Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.482 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.268 W/kg