Appendix B.   Plots of SAR Measurement

The plots are shown as follows.

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Report Issued Date : Mar. 23, 2012

Report Version   : Rev. 01

07 GSM850_Right Cheek_Ch189

DUT: 221703

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 836.5 MHz; σ = 0.917 mho/m; ε_r = 41.516;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
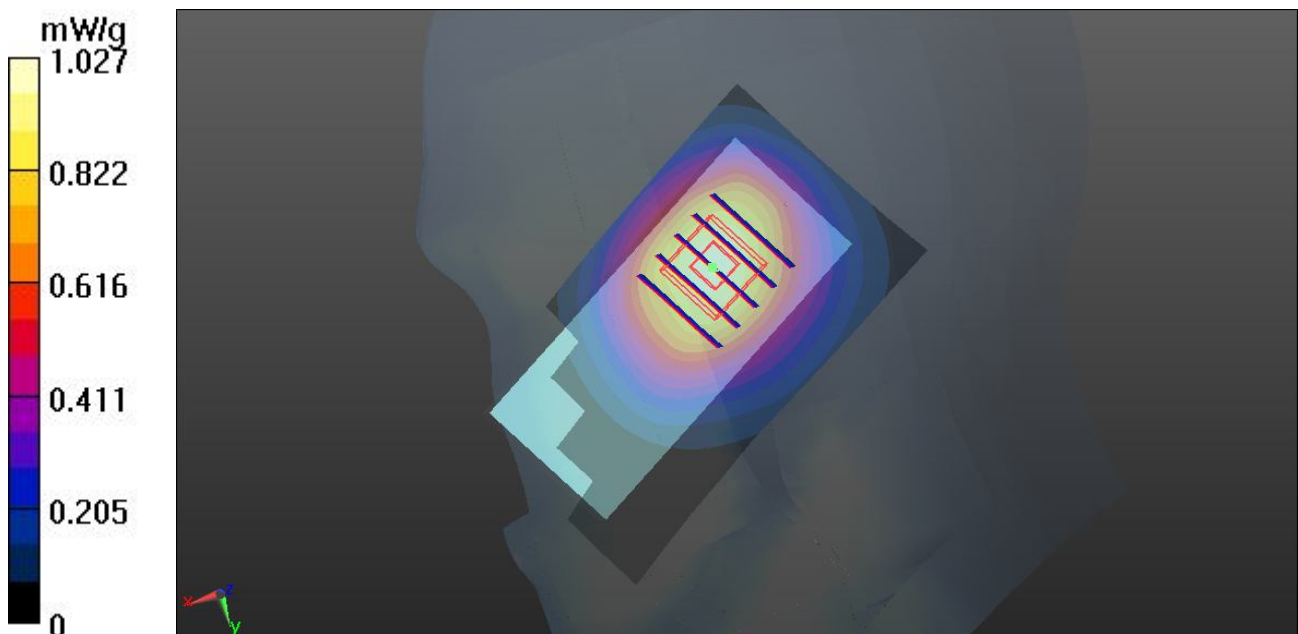Maximum value of SAR (interpolated) = 1.027 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.308 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.2920
SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.661 mW/g
Maximum value of SAR (measured) = 1.012 mW/g

08 GSM850_Right Tilted_Ch189

DUT: 221703

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 836.5 MHz; σ = 0.917 mho/m; ε_r = 41.516;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
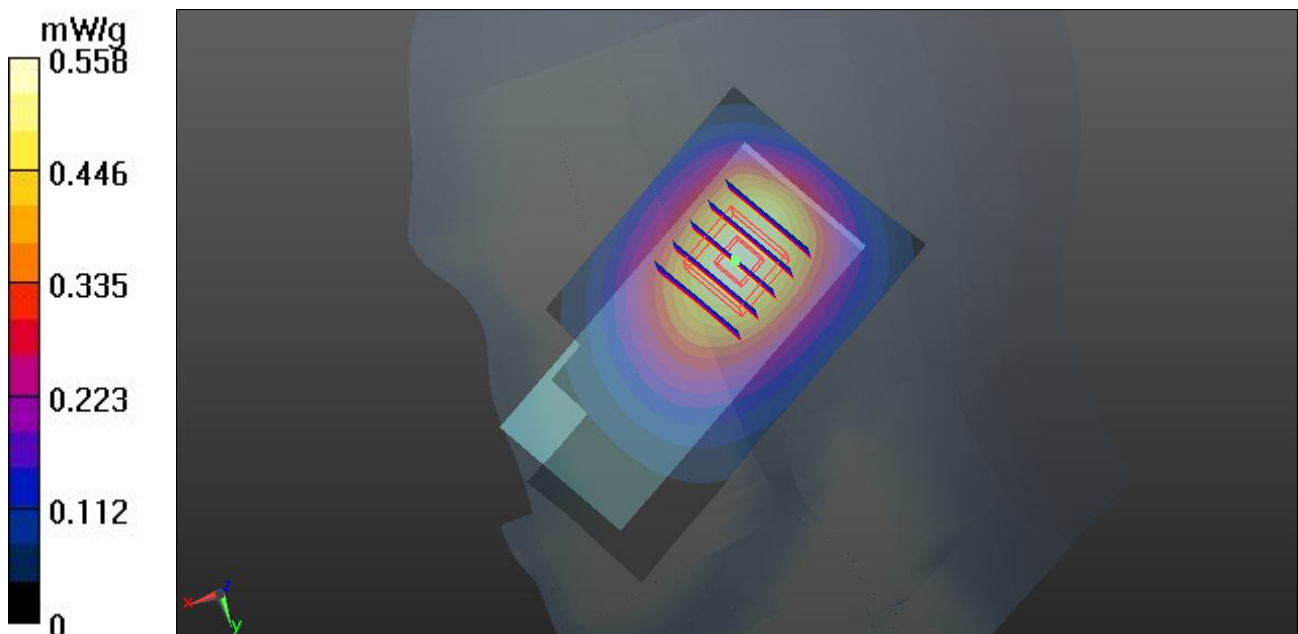Maximum value of SAR (interpolated) = 0.558 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.775 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.7340
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.564 mW/g

09 GSM850_Left Cheek_Ch189

DUT: 221703

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 836.5 MHz; σ = 0.917 mho/m; ε_r = 41.516;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
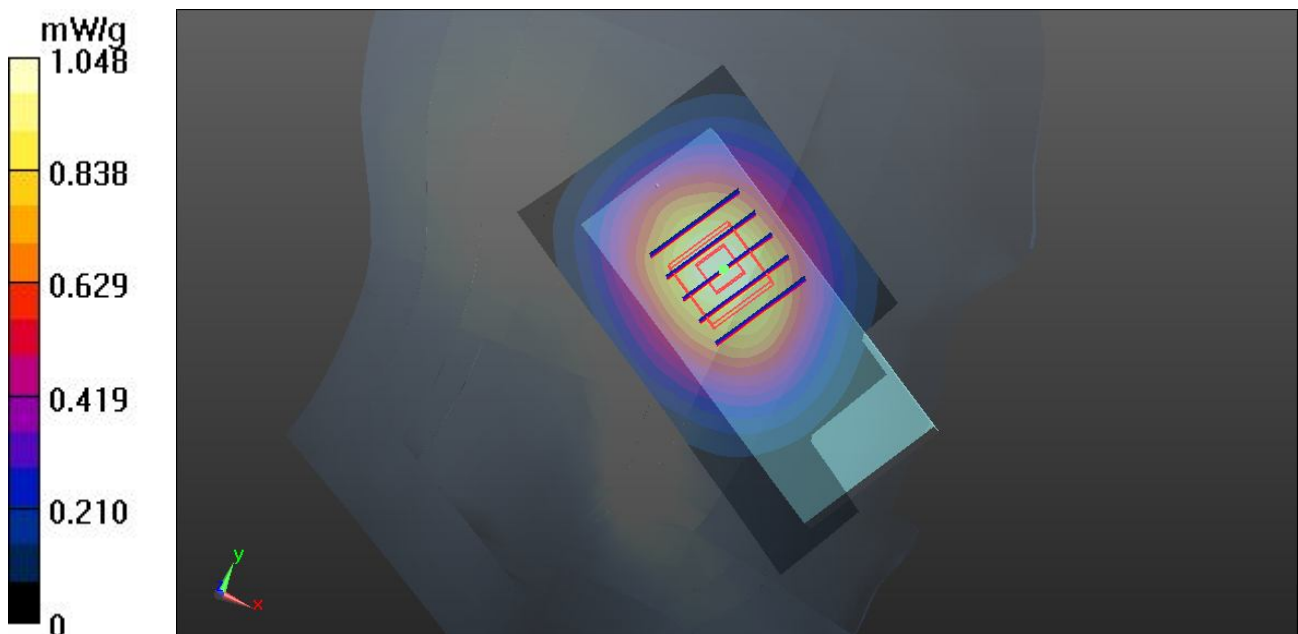Maximum value of SAR (interpolated) = 1.048 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.226 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.3510
SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.030 mW/g

10 GSM850_Left Tilted_Ch189

DUT: 221703

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 836.5 MHz; σ = 0.917 mho/m; ε_r = 41.516;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
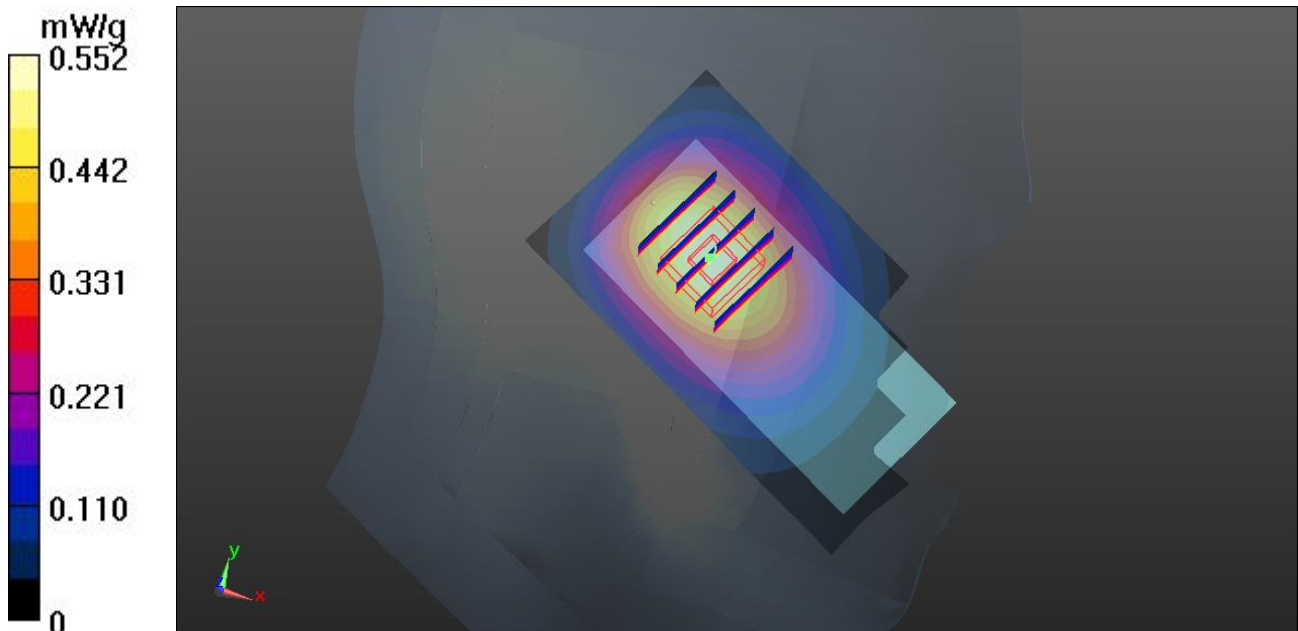Maximum value of SAR (interpolated) = 0.552 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.936 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.7420
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.359 mW/g
Maximum value of SAR (measured) = 0.559 mW/g

11 GSM850_Right Cheek_Ch128

DUT: 221703

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 824.2 MHz; σ = 0.906 mho/m; ε_r = 41.628;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
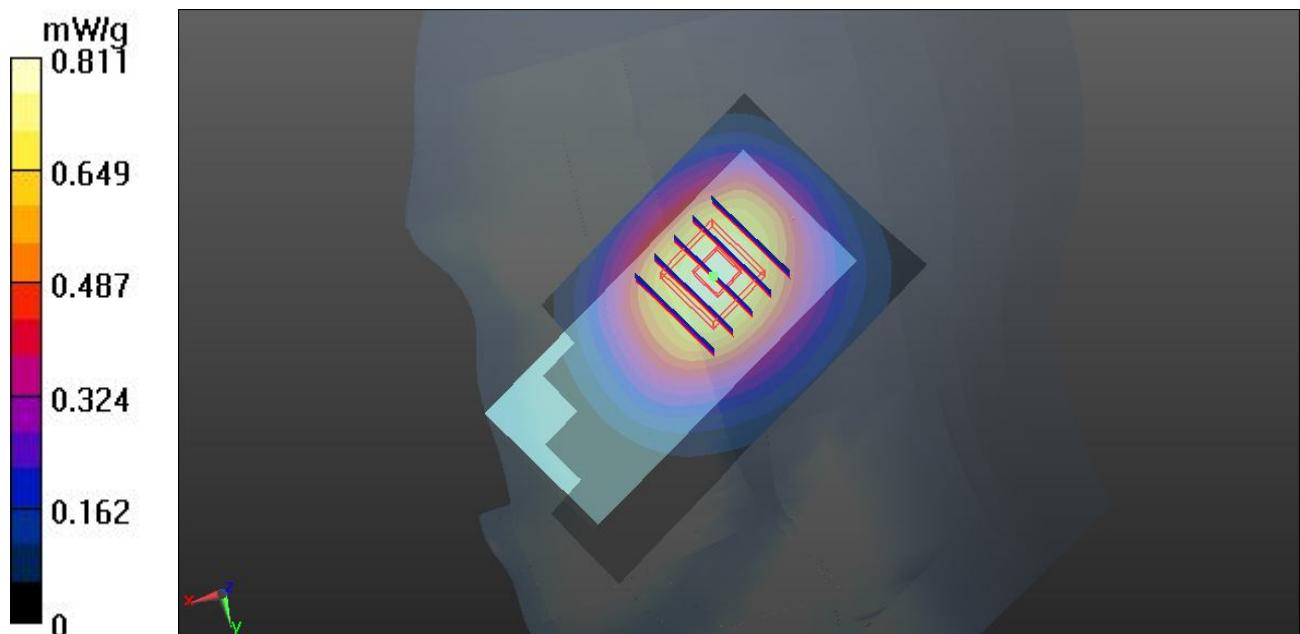Maximum value of SAR (interpolated) = 0.811 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.277 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.0310
SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.799 mW/g

12 GSM850_Right Cheek_Ch251

DUT: 221703

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 41.382; ρ

= 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
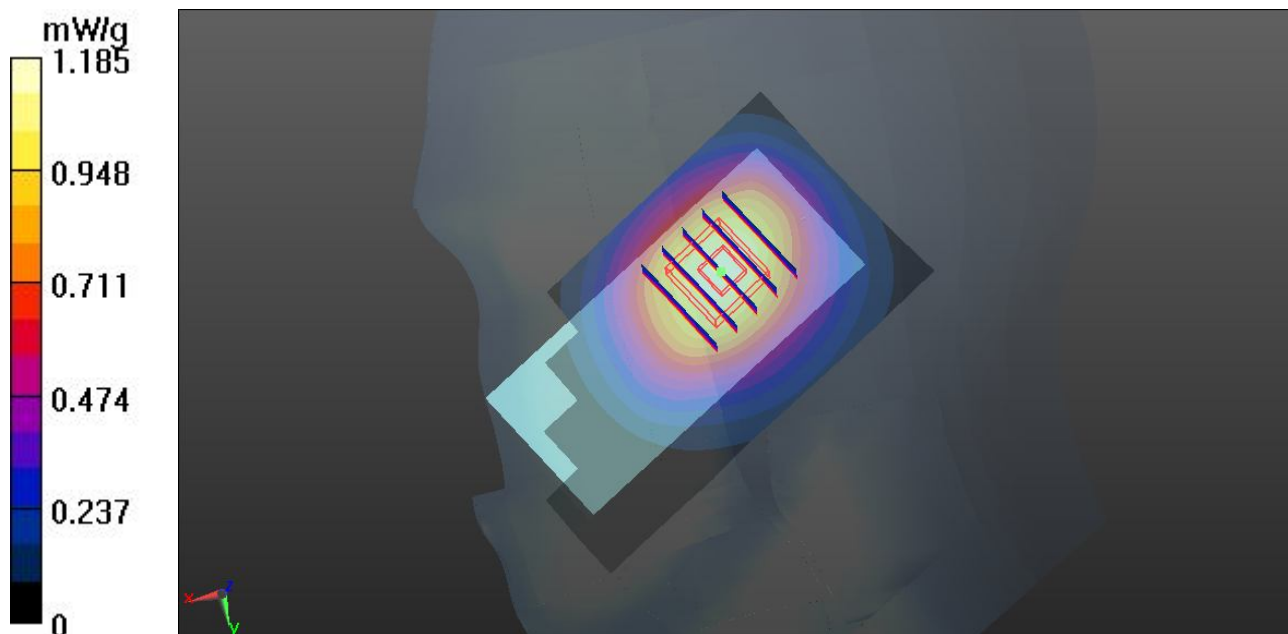Maximum value of SAR (interpolated) = 1.185 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.567 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.5090
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.763 mW/g
Maximum value of SAR (measured) = 1.175 mW/g

13 GSM850_Left Cheek_Ch128

DUT: 221703

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 824.2 MHz; σ = 0.906 mho/m; $ε_r$ = 41.628;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
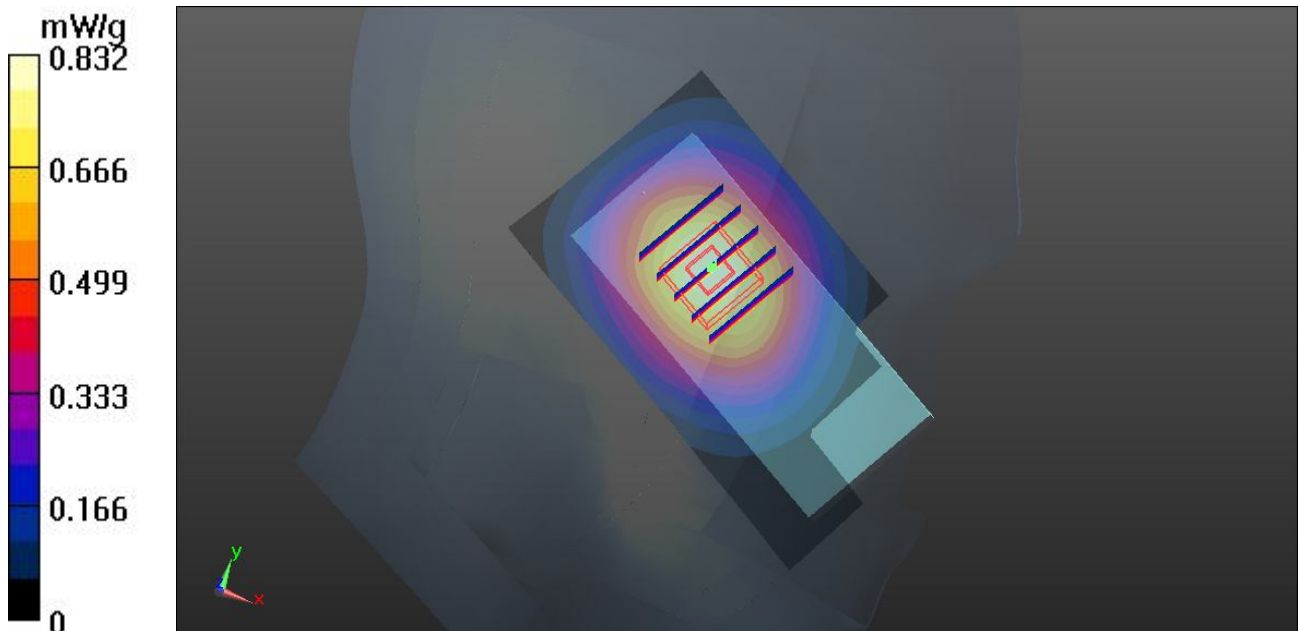Maximum value of SAR (interpolated) = 0.832 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.260 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.0990
SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 0.818 mW/g

14 GSM850_Left Cheek_Ch251

DUT: 221703

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 41.382; ρ

= 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
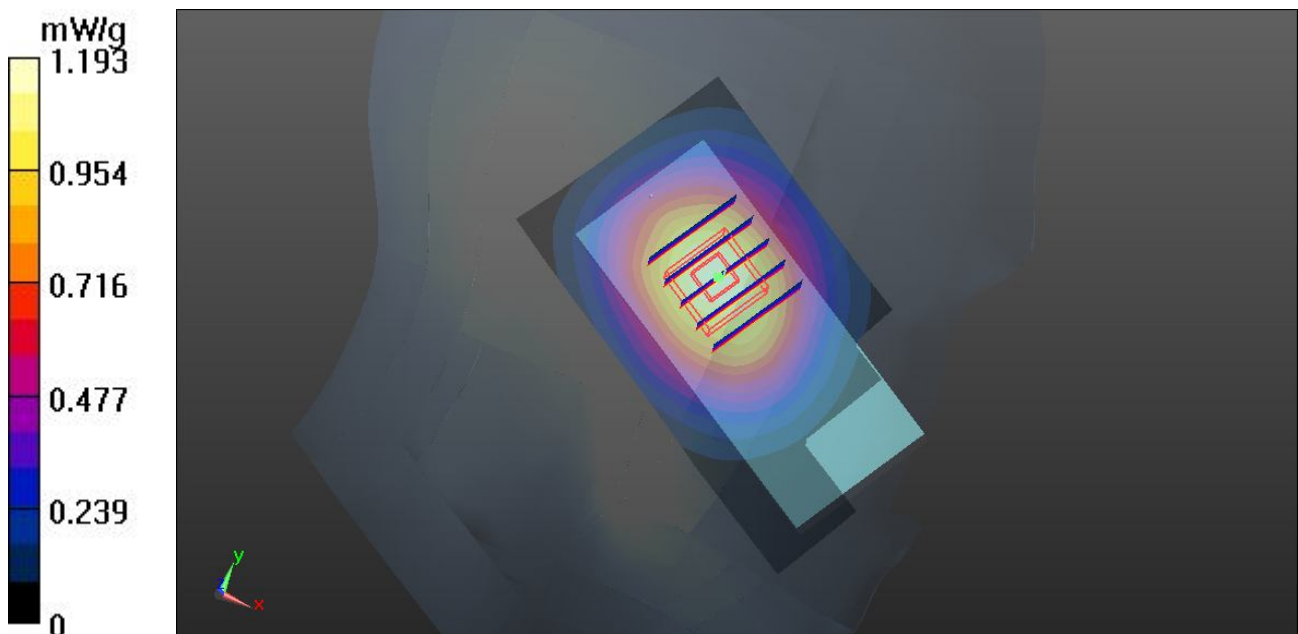Maximum value of SAR (interpolated) = 1.193 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.222 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.5700
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.766 mW/g
Maximum value of SAR (measured) = 1.181 mW/g

14 GSM850_Left Cheek_Ch251_2D

DUT: 221703

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_120308 Medium parameters used: f = 849 MHz; σ = 0.927 mho/m; ε_r = 41.382;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
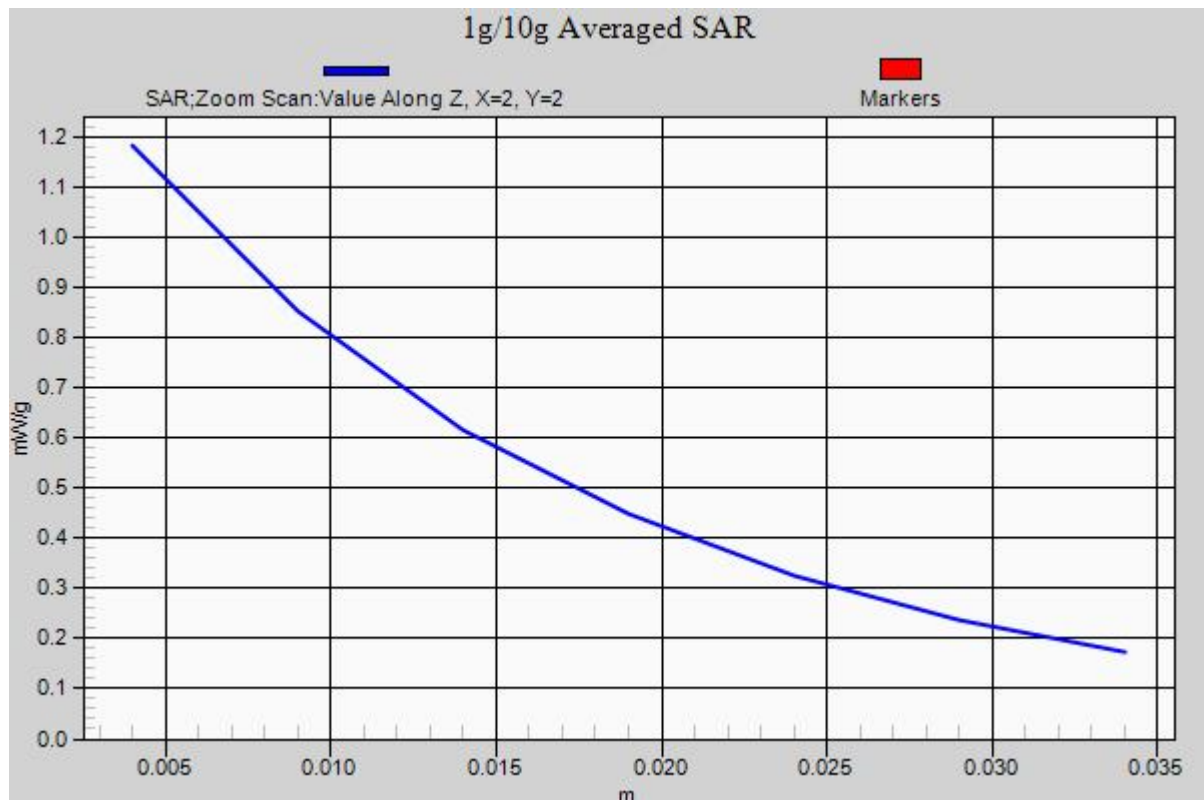Maximum value of SAR (interpolated) = 1.193 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.222 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.5700
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.766 mW/g
Maximum value of SAR (measured) = 1.181 mW/g

15 GSM1900_Right Cheek_Ch810

DUT: 221703

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120309 Medium parameters used: f = 1910 MHz; σ = 1.455 mho/m; ε_r =

39.645; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
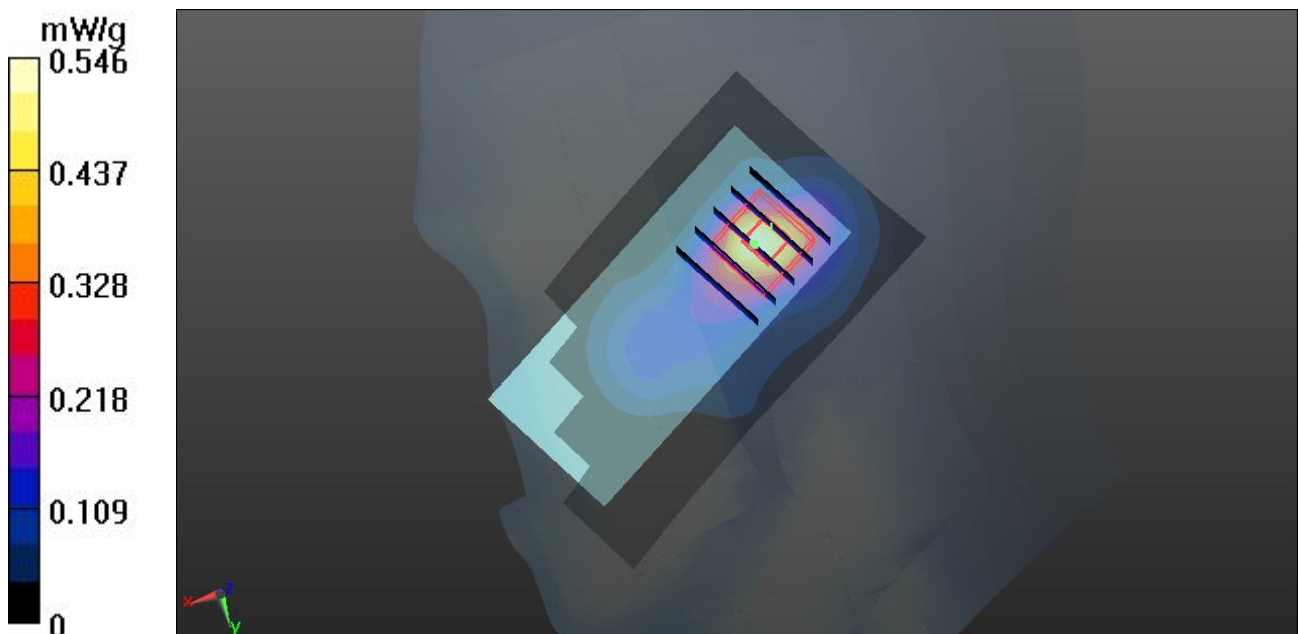Maximum value of SAR (interpolated) = 0.546 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.054 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.8310
SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.483 mW/g

16 GSM1900_Right Tilted_Ch810

DUT: 221703

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120309 Medium parameters used: f = 1910 MHz; σ = 1.455 mho/m; ε_r =

39.645; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
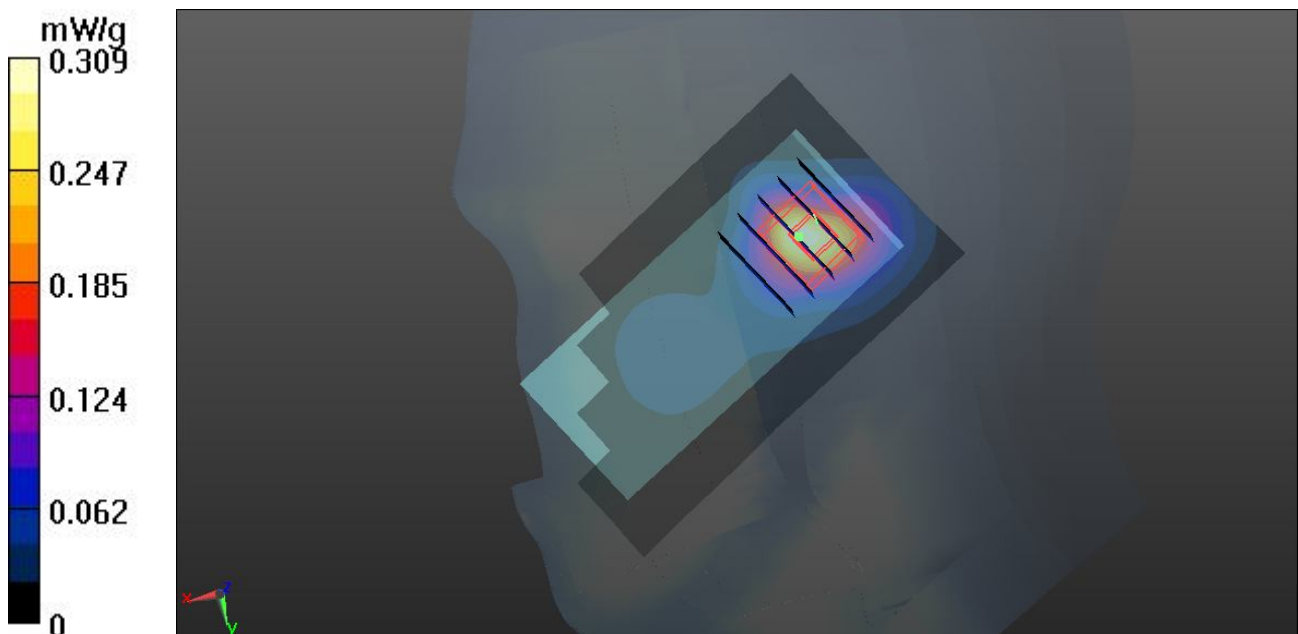Maximum value of SAR (interpolated) = 0.309 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.971 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.4630
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.274 mW/g

17 GSM1900_Left Cheek_Ch810

DUT: 221703

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120309 Medium parameters used: f = 1910 MHz; σ = 1.455 mho/m; ε_r =

39.645; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
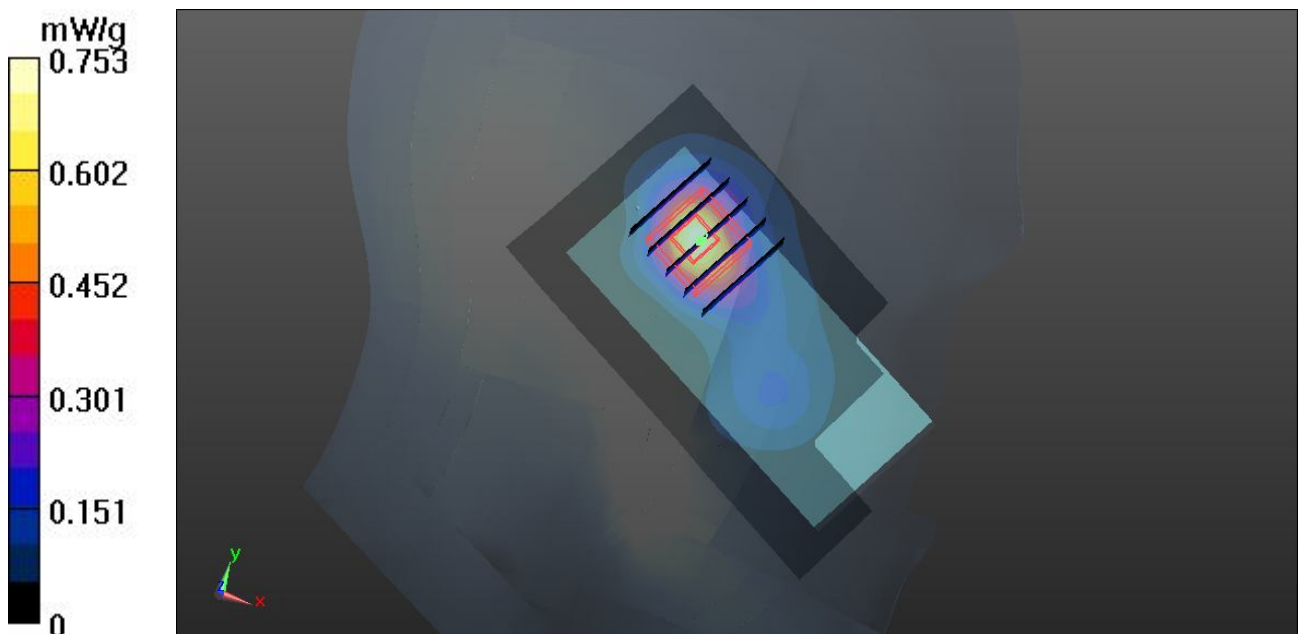Maximum value of SAR (interpolated) = 0.753 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.503 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.2170
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.664 mW/g
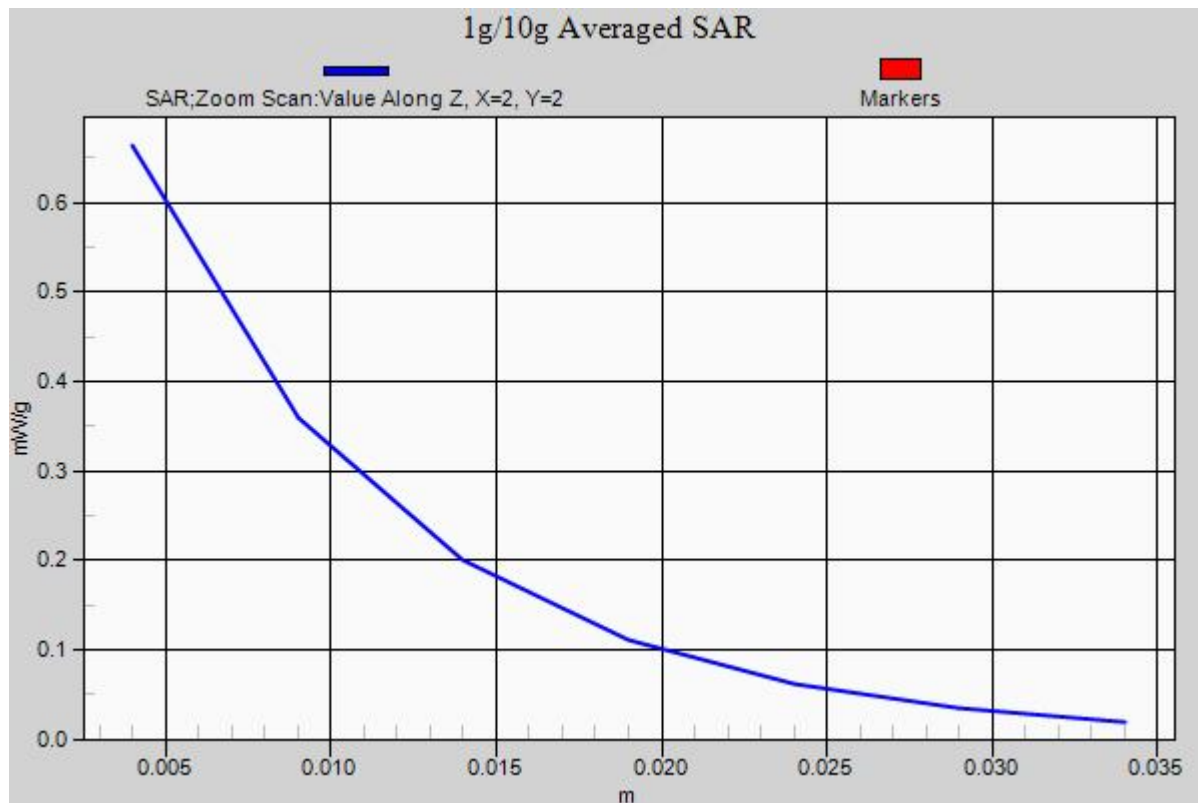
17 GSM1900_Left Cheek_Ch810_2D

DUT: 221703

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120309 Medium parameters used: f = 1910 MHz; σ = 1.455 mho/m; ε_r =

39.645; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.753 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.503 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.2170
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.664 mW/g

18 GSM1900_Left Tilted_Ch810

DUT: 221703

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120309 Medium parameters used: f = 1910 MHz; σ = 1.455 mho/m; ε_r =

39.645; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.365 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.373 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.5940
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.345 mW/g
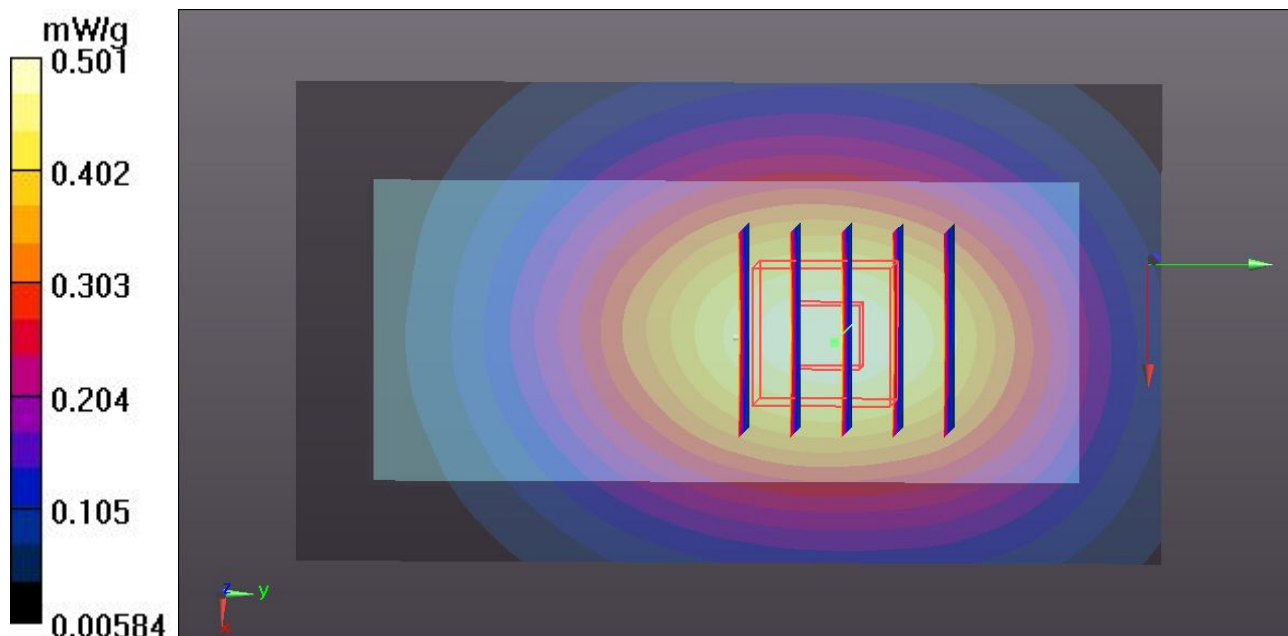
01 GSM850_GPRS12_Face_1.5cm_Ch128

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120308 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r =

54.482; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.501 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.018 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.6080
SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.475 mW/g

02 GSM850_GPRS12_Bottom_1.5cm_Ch128

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120308 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r =

54.482; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
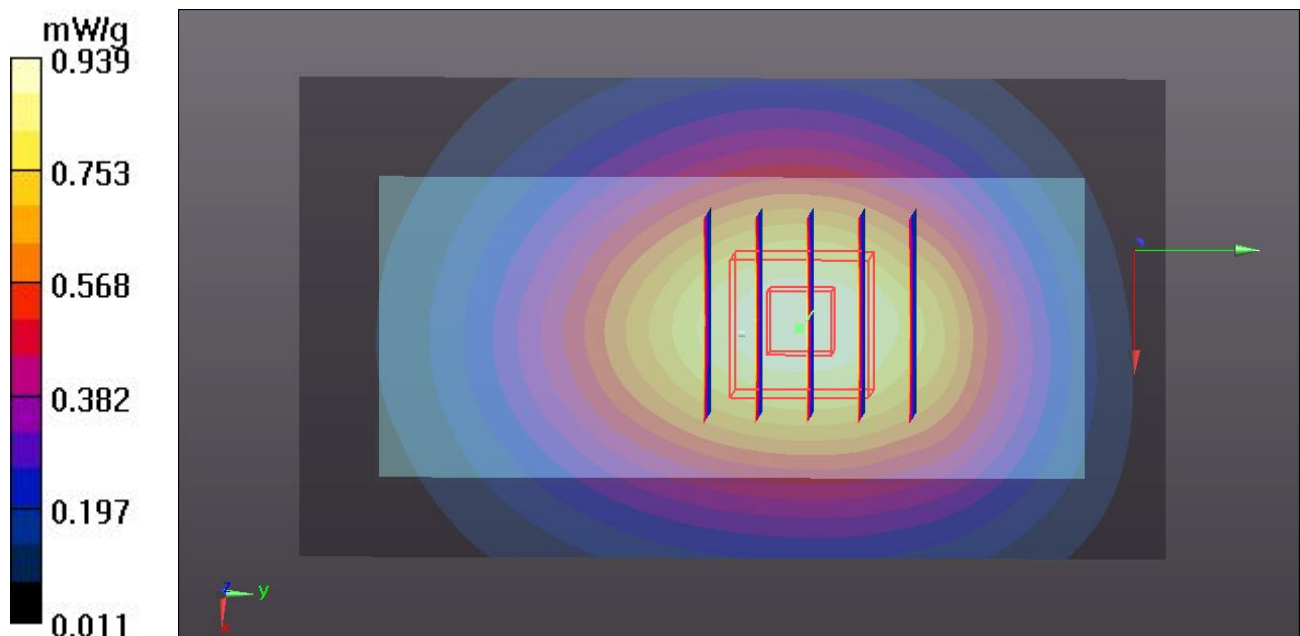Maximum value of SAR (interpolated) = 0.939 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.411 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.1580
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 0.918 mW/g
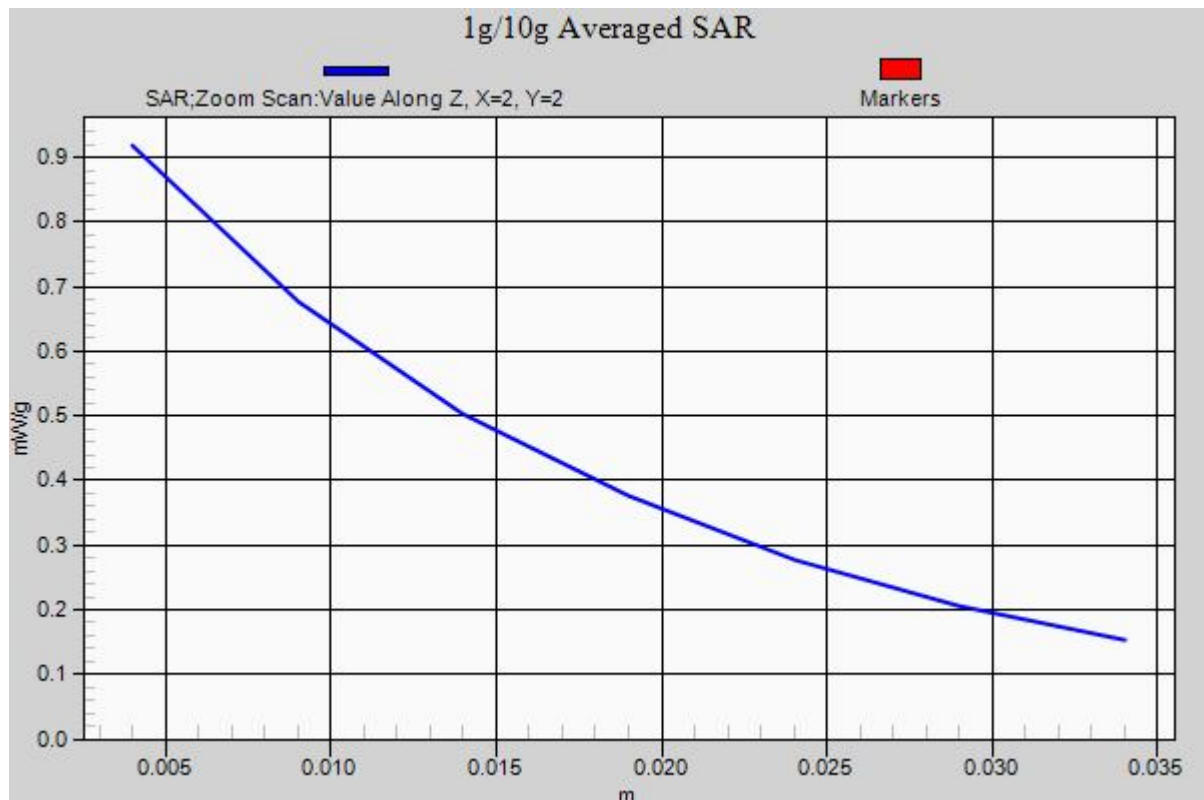
02 GSM850_GPRS12_Bottom_1.5cm_Ch128_2D

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120308 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r =

54.482; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.939 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.411 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.1580
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 0.918 mW/g

03 GSM850_GPRS12_Bottom_1.5cm_Ch189

DUT: 221703
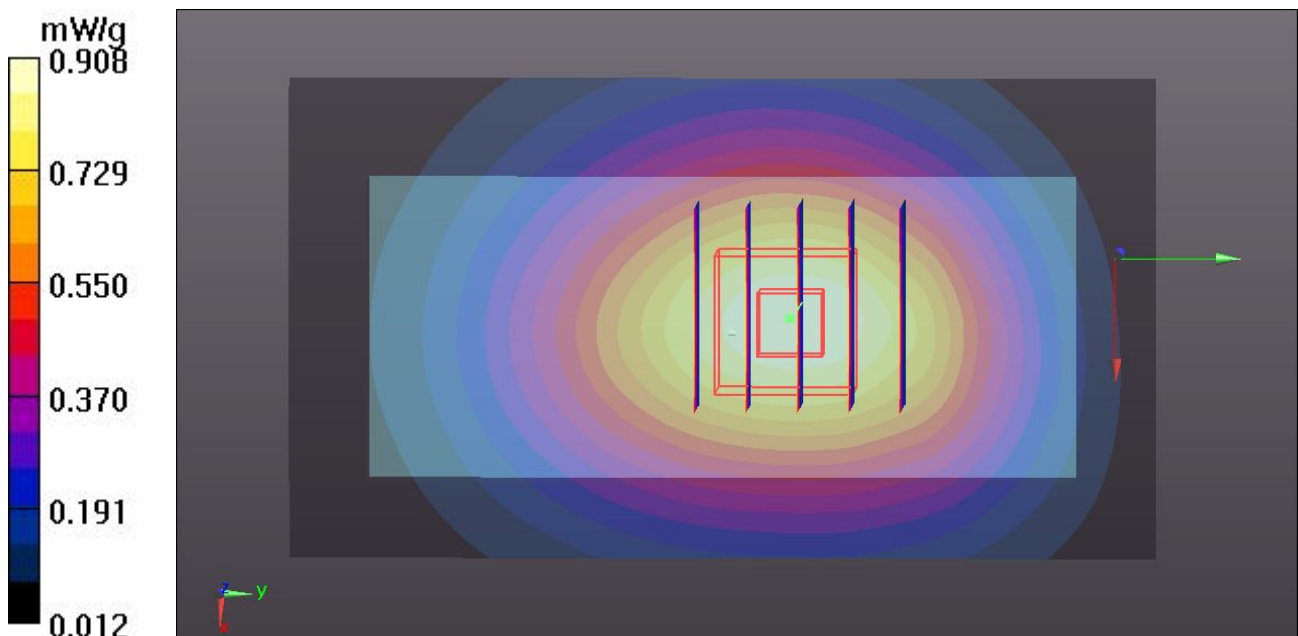
Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_120308 Medium parameters used: f = 836.4 MHz; σ = 0.979 mho/m; ε_r =

54.392; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.908 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.902 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.1530
SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.605 mW/g
Maximum value of SAR (measured) = 0.902 mW/g

04 GSM850_GPRS12_Bottom_1.5cm_Ch251

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_120308 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 54.278; ρ

= 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
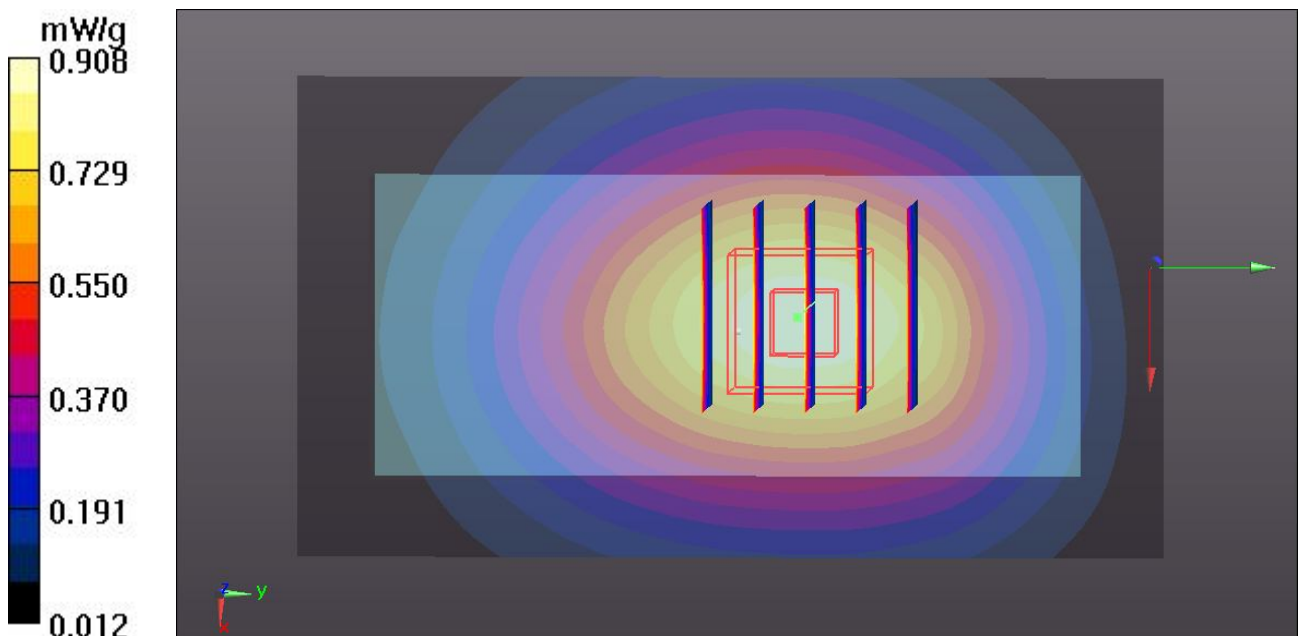Maximum value of SAR (interpolated) = 0.908 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.747 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.1550
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 0.902 mW/g

05 GSM1900_GPRS12_Face_1.5cm_Ch512

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120308 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε$_r$ =

54.773; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
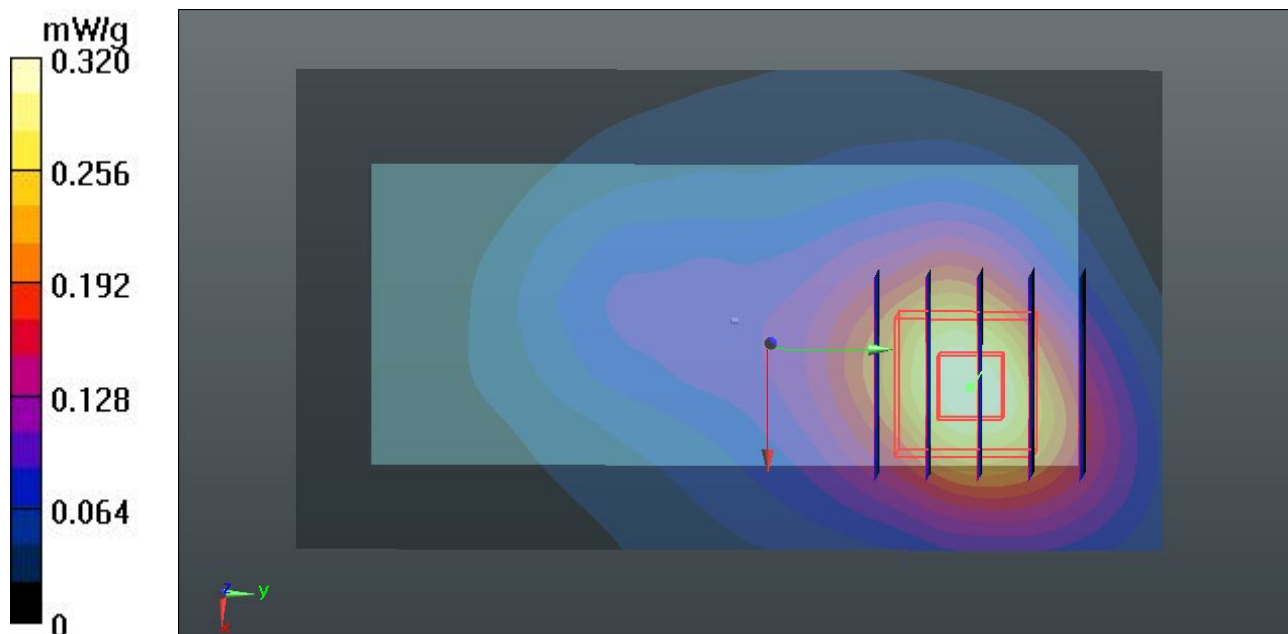Maximum value of SAR (interpolated) = 0.320 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.245 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.4880
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.326 mW/g

06 GSM1900_GPRS12_Bottom_1.5cm_Ch512

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120308 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r =

54.773; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
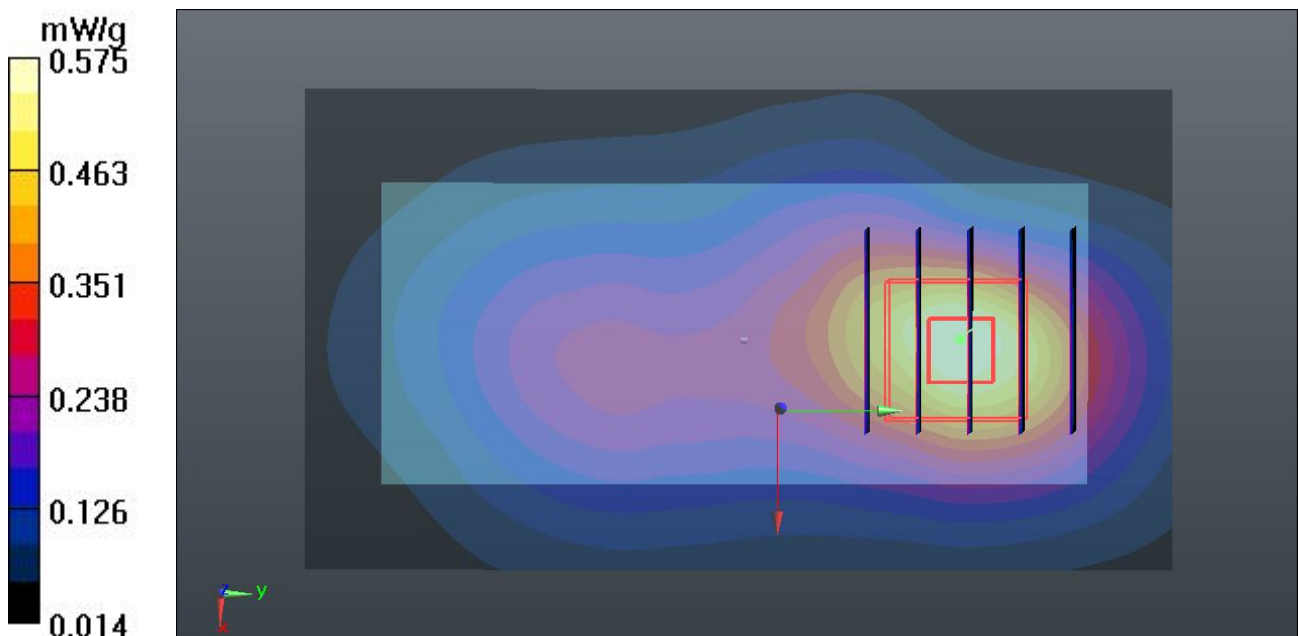Maximum value of SAR (interpolated) = 0.575 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.197 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.8220
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.534 mW/g

06 GSM1900_GPRS12_Bottom_1.5cm_Ch512_2D

DUT: 221703

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120308 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r =

54.773; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.575 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.197 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.8220
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.534 mW/g