Appendix B.   Plots of SAR Measurement

The plots are shown as follows.

#15 GSM850_GPRS11_Bottom Face_0cm_Ch128

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 824.2 MHz; σ = 0.963 mho/m; ε_r =

54.168; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
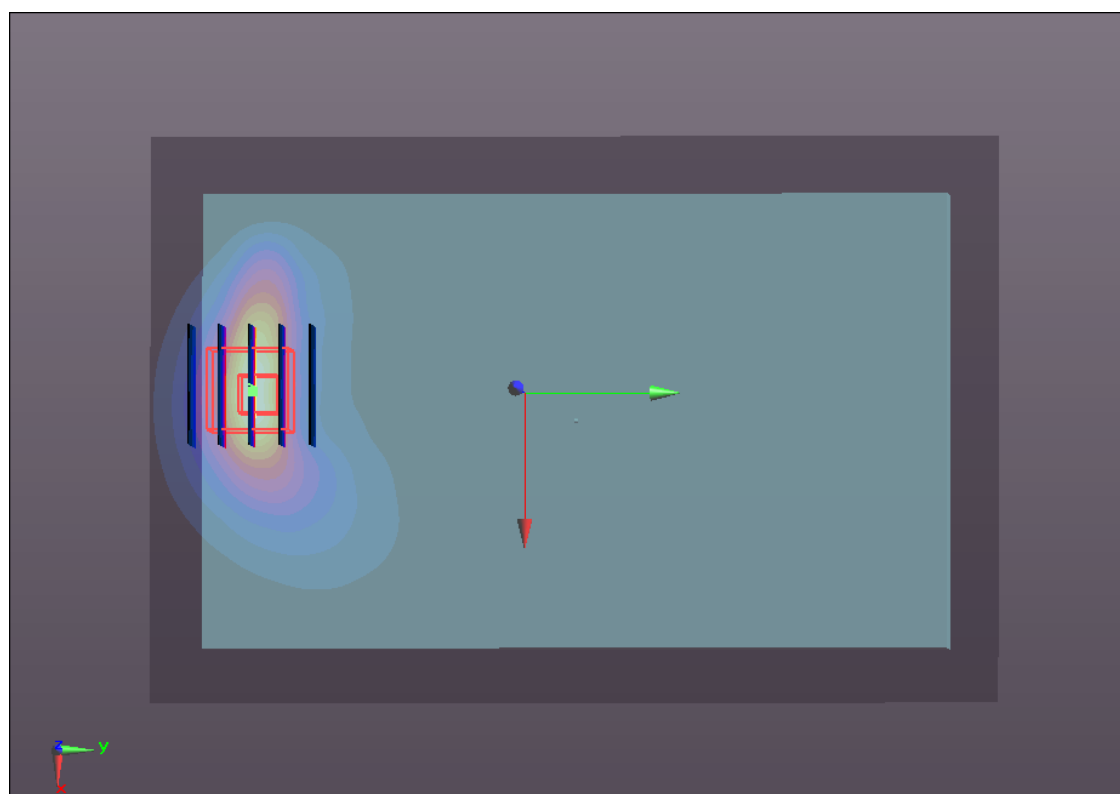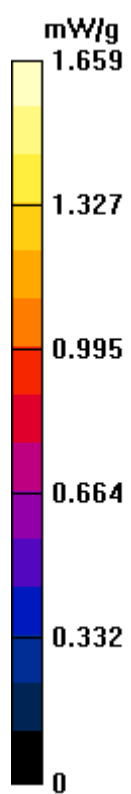Maximum value of SAR (interpolated) = 1.659 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.024 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.711 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.762 mW/g
Maximum value of SAR (measured) = 1.566 mW/g

#16 GSM850_GPRS11_Primary Landscape_0cm_Ch128

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 824.2 MHz; σ = 0.963 mho/m; ε_r =

54.168; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
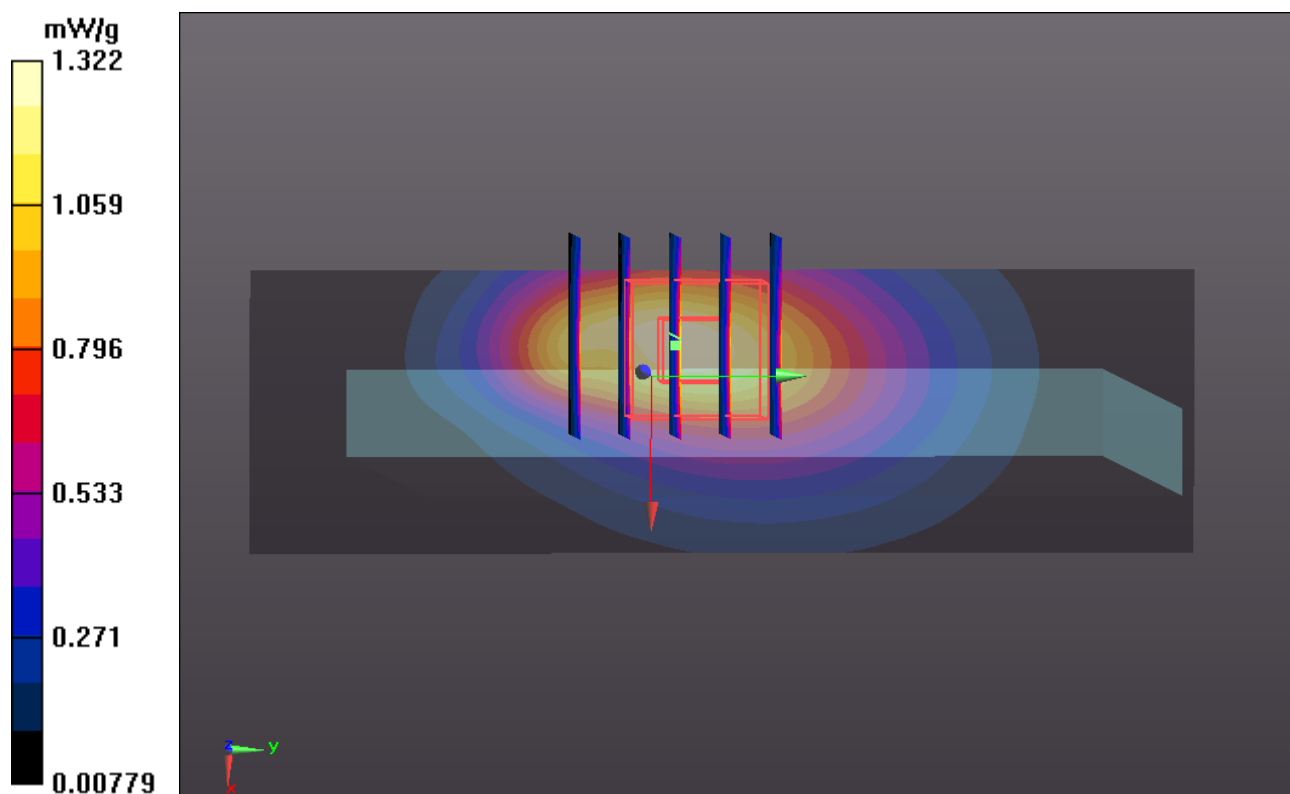Maximum value of SAR (interpolated) = 1.322 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.687 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.894 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.713 mW/g
Maximum value of SAR (measured) = 1.270 mW/g
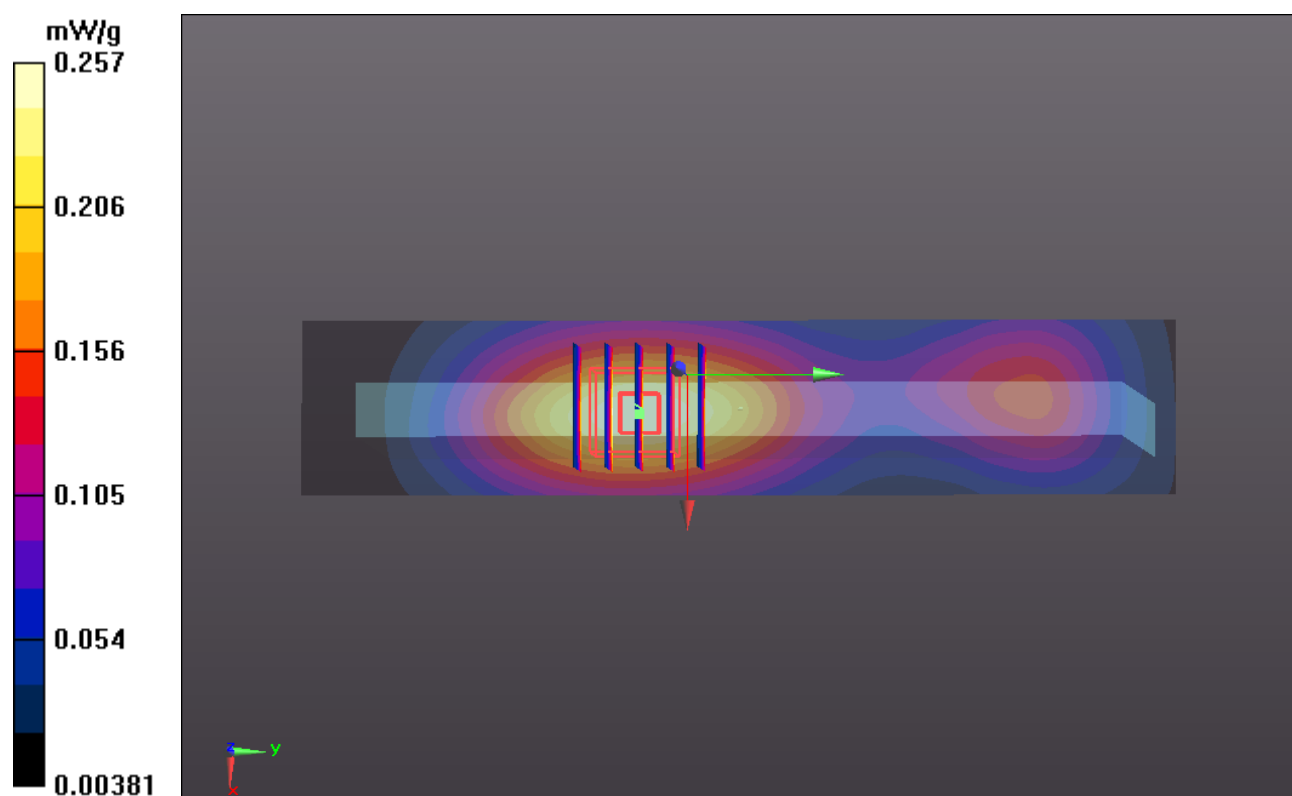
#17 GSM850_GPRS11_Primary Portrait_0cm_Ch128

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 824.2 MHz; σ = 0.963 mho/m; ε_r = 54.168; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.834 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

#23 GSM850_GPRS11_Bottom Face_0cm_Ch189

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 836.4 MHz; Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 836.4 MHz; σ = 0.974 mho/m; ε_r = 54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
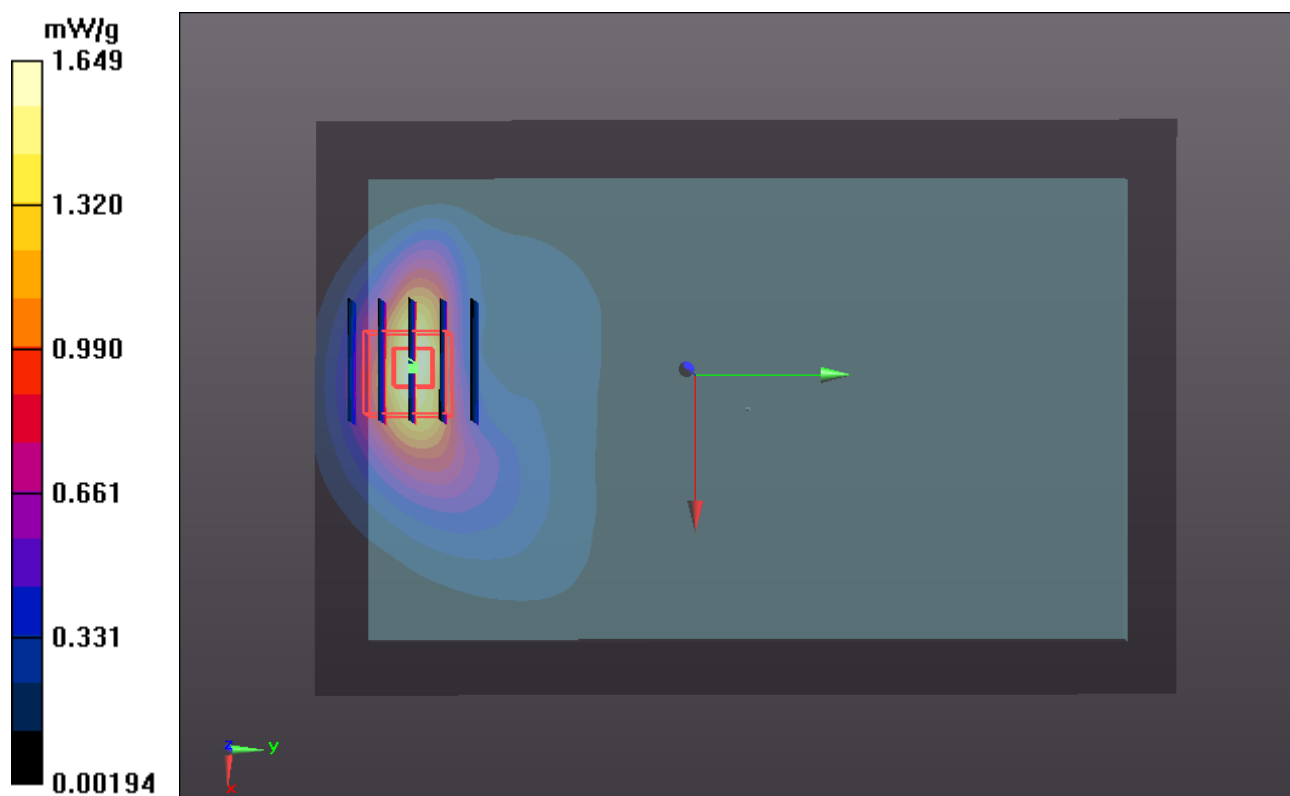Maximum value of SAR (interpolated) = 1.649 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.540 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.687 W/kg
SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.790 mW/g
Maximum value of SAR (measured) = 1.635 mW/g

#23 GSM850_GPRS11_Bottom Face_0cm_Ch189_2D

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 836.4 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 836.4 MHz; σ = 0.974 mho/m; ε_r = 54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
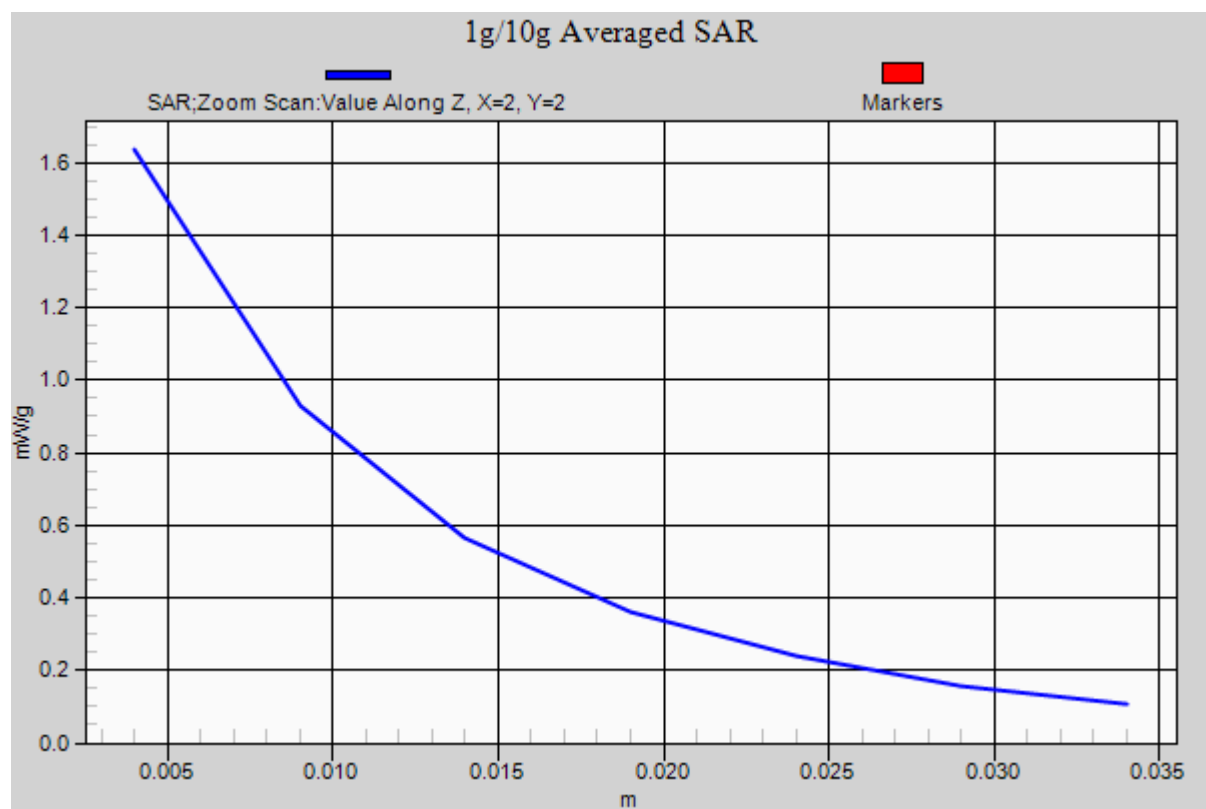Maximum value of SAR (interpolated) = 1.649 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.540 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.687 W/kg
SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.790 mW/g
Maximum value of SAR (measured) = 1.635 mW/g

1g/10g Averaged SAR

#24 GSM850_GPRS11_Bottom Face_0cm_Ch251

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 849 MHz; σ = 0.985 mho/m; ε_r = 53.969;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
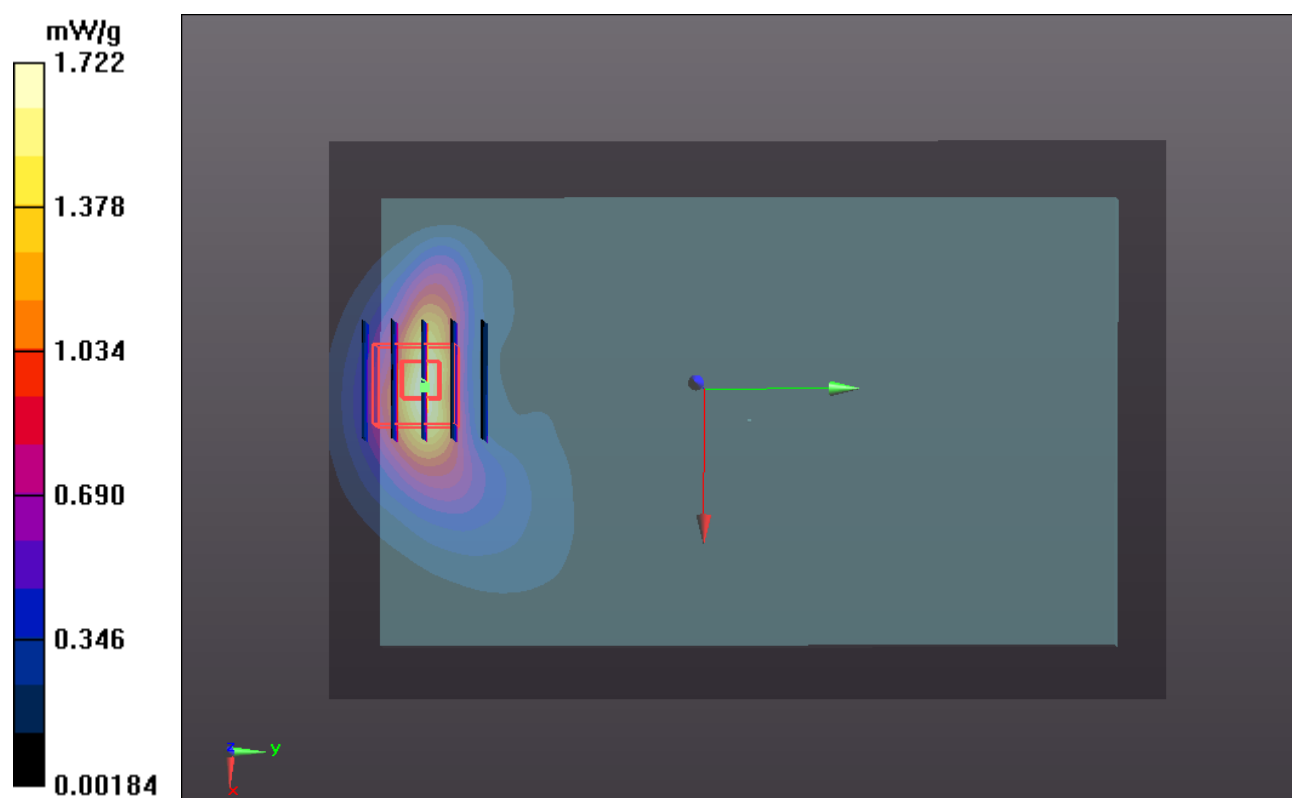Maximum value of SAR (interpolated) = 1.722 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.395 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.434 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.753 mW/g
Maximum value of SAR (measured) = 1.492 mW/g

#25 GSM850_GPRS11_Primary Landscape_0cm_Ch189

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 836.4 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 836.4 MHz; σ = 0.974 mho/m; ε_r = 54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
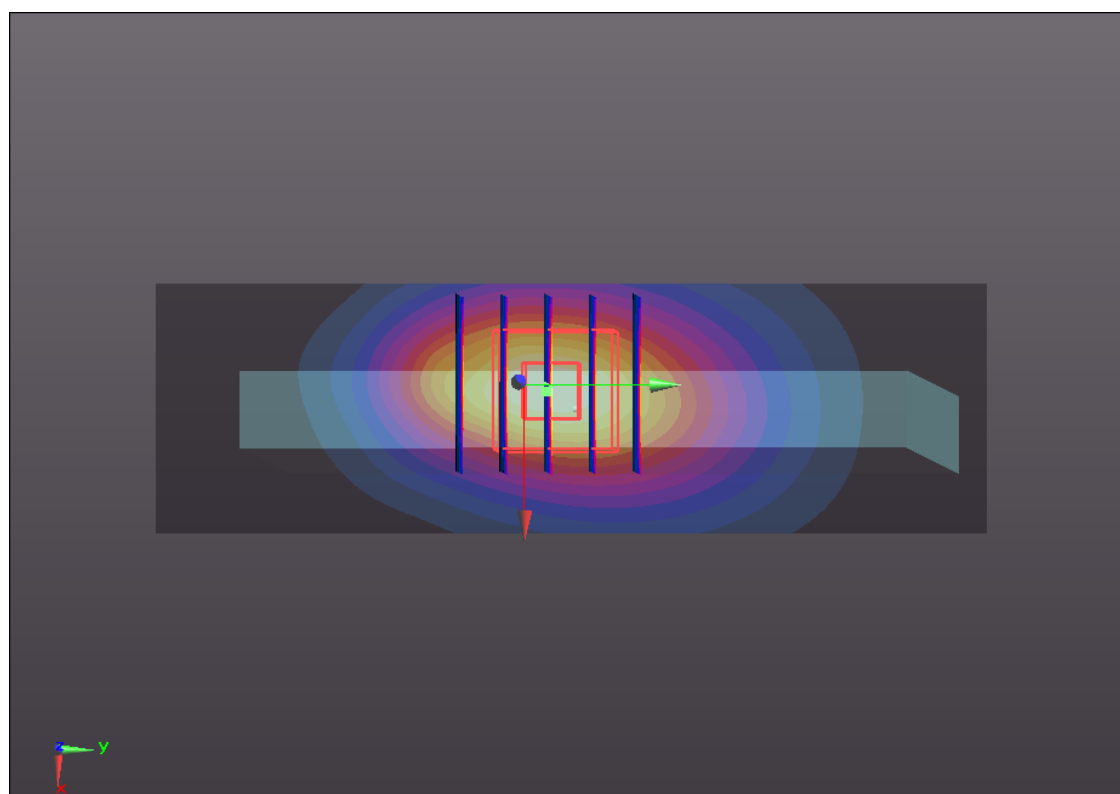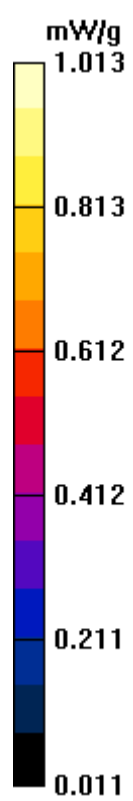Maximum value of SAR (interpolated) = 1.013 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.818 V/m; Power Drift = 0.0056 dB
Peak SAR (extrapolated) = 1.466 W/kg
SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.024 mW/g

#26 GSM850_GPRS11_Primary Landscape_0cm_Ch251

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_111205 Medium parameters used: f = 849 MHz; σ = 0.985 mho/m; ε_r = 53.969;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
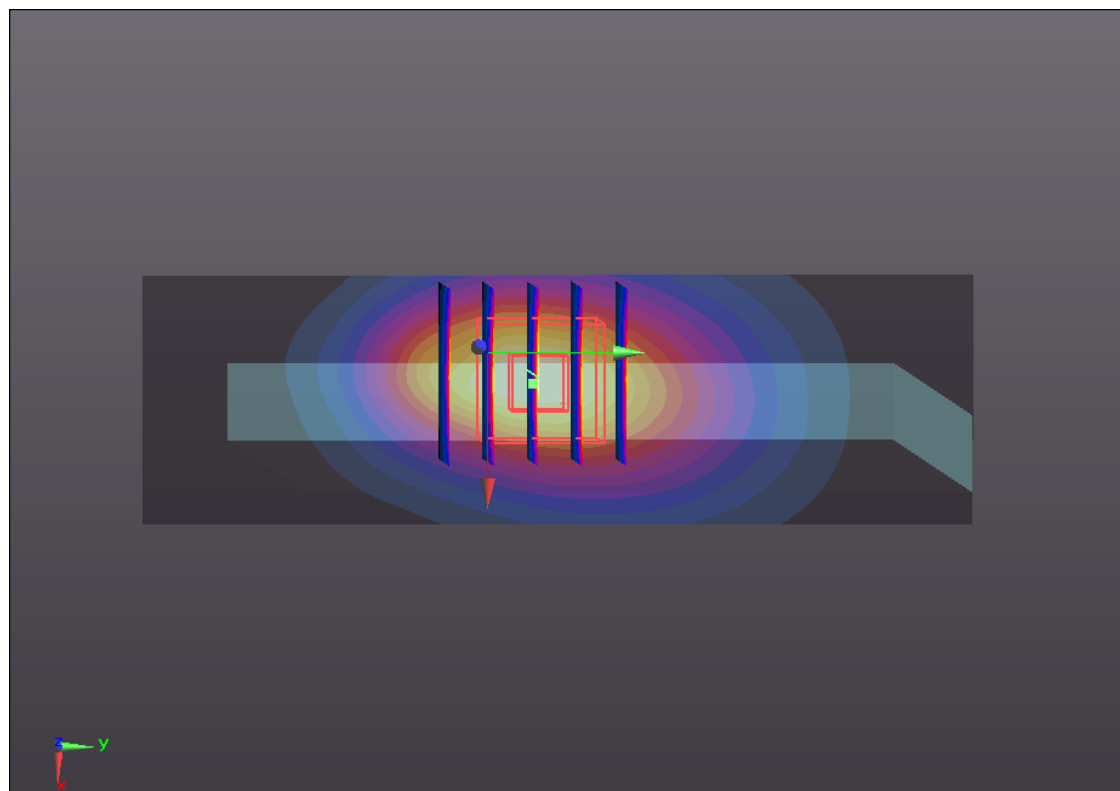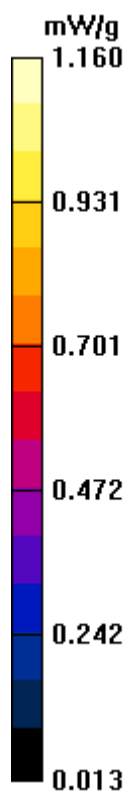Maximum value of SAR (interpolated) = 1.160 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.650 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.669 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.655 mW/g
Maximum value of SAR (measured) = 1.166 mW/g

#08 GSM1900_GPRS11_Bottom Face_0cm_Ch810

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
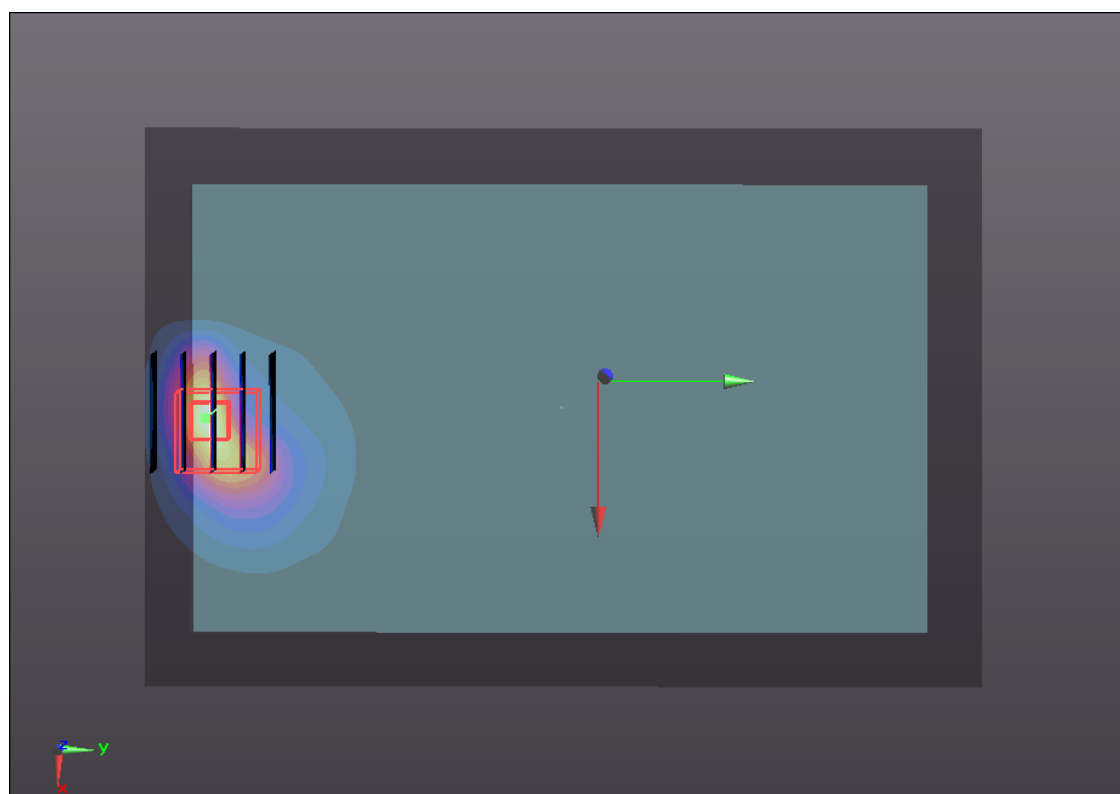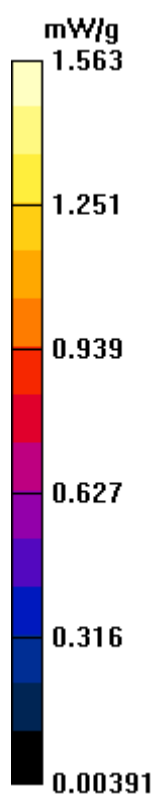Maximum value of SAR (interpolated) = 1.563 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.399 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.765 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.605 mW/g

#08 GSM1900_GPRS11_Bottom Face_0cm_Ch810_2D

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
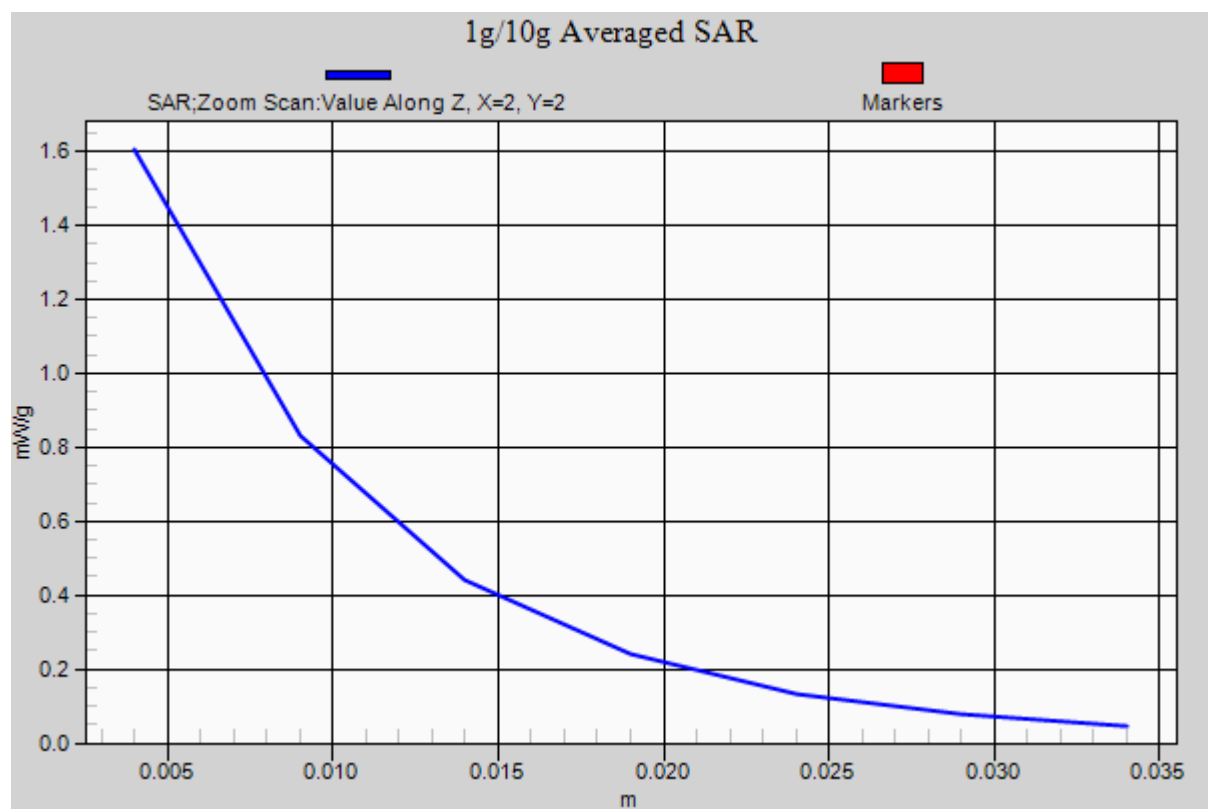Maximum value of SAR (interpolated) = 1.563 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.399 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.765 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.605 mW/g

1g/10g Averaged SAR

#09 GSM1900_GPRS11_Primary Landscape_0cm_Ch810

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
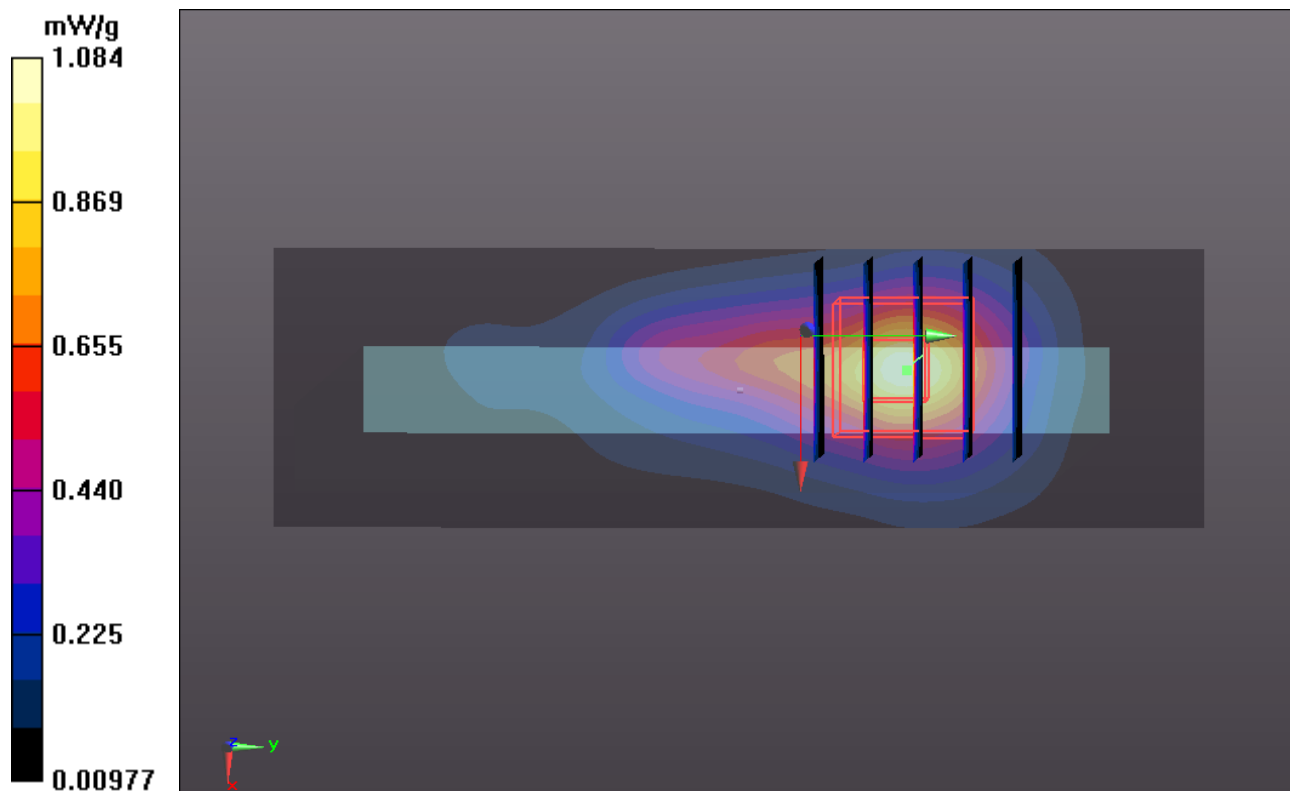Maximum value of SAR (interpolated) = 1.084 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.886 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.621 W/kg
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 1.035 mW/g

#10 GSM1900_GPRS11_Primary Portrait_0cm_Ch810

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
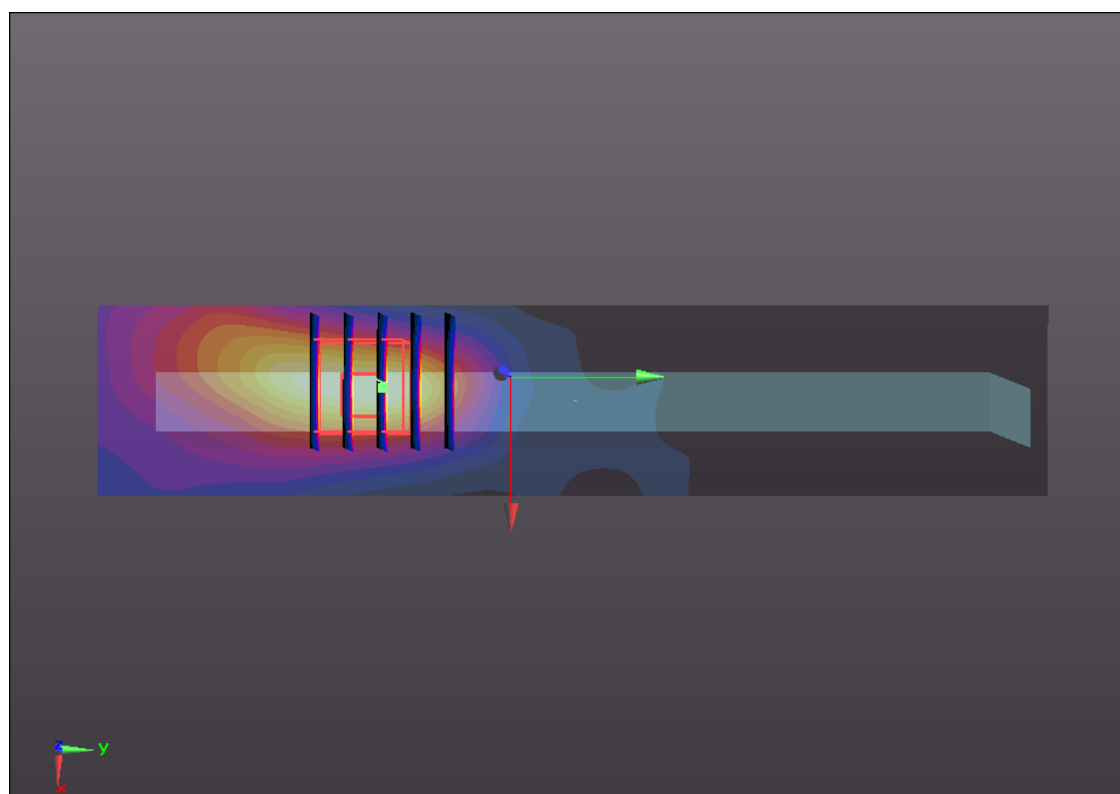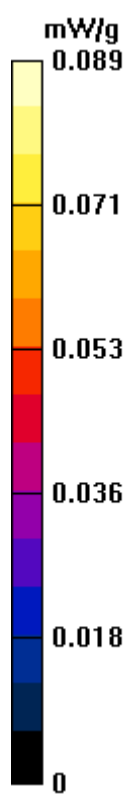Maximum value of SAR (interpolated) = 0.089 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.063 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.099 mW/g

#11 GSM1900_GPRS11_Bottom Face_0cm_Ch512

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1850.2 MHz; σ = 1.466 mho/m; ε_r =

54.972; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
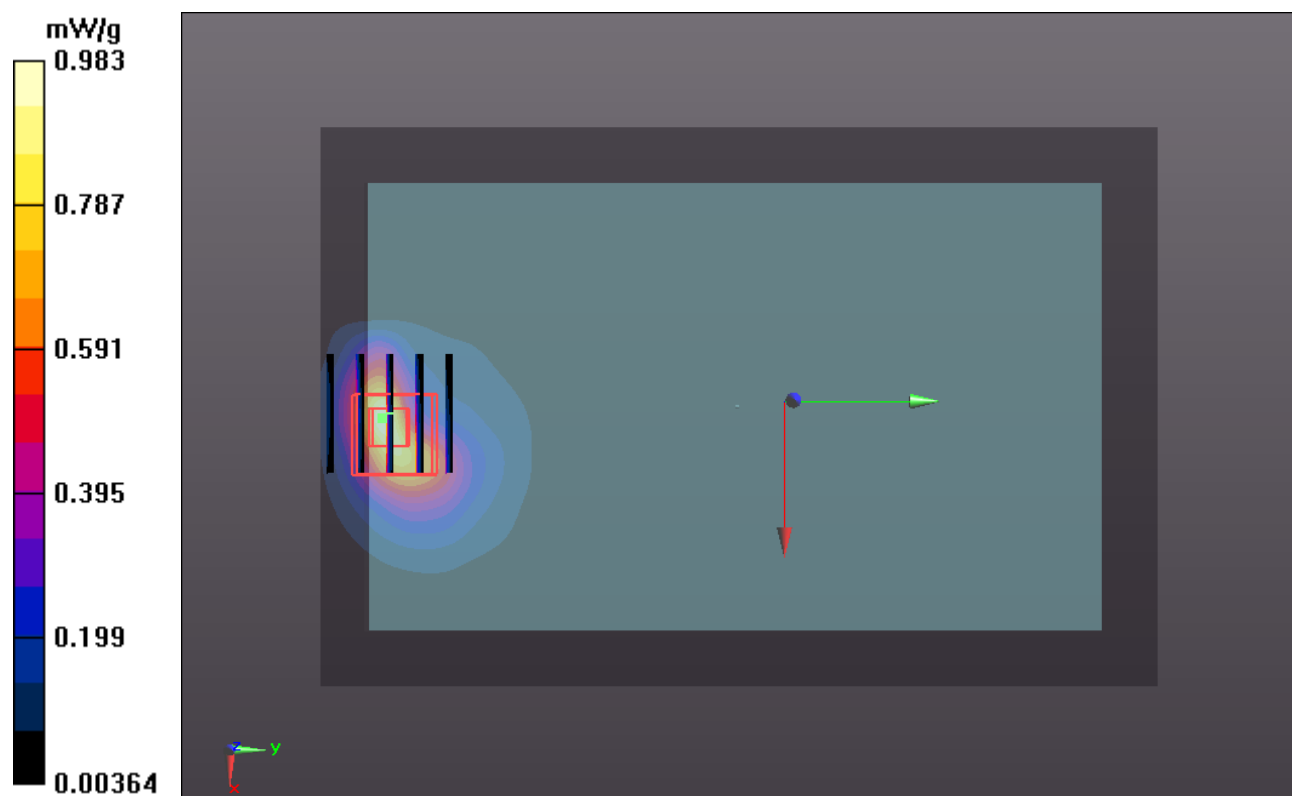Maximum value of SAR (interpolated) = 0.983 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.141 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.664 W/kg
SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.412 mW/g
Maximum value of SAR (measured) = 0.989 mW/g

#12 GSM1900_GPRS11_Bottom Face_0cm_Ch661

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1880 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
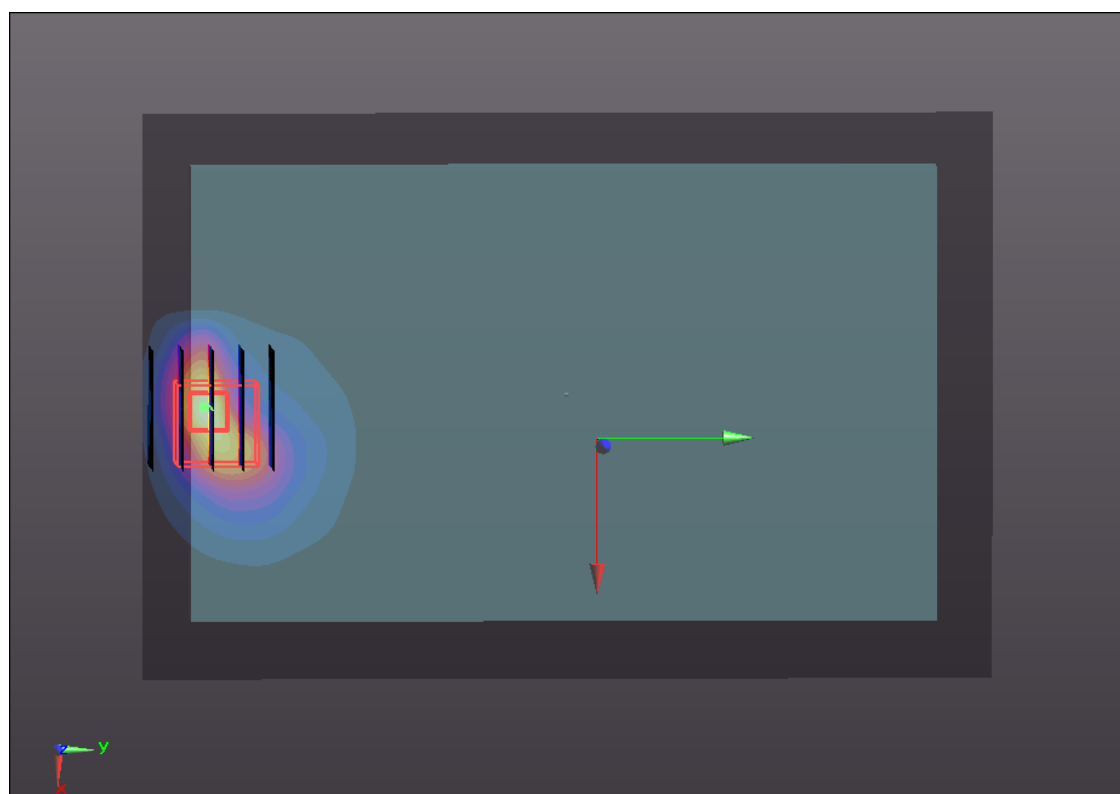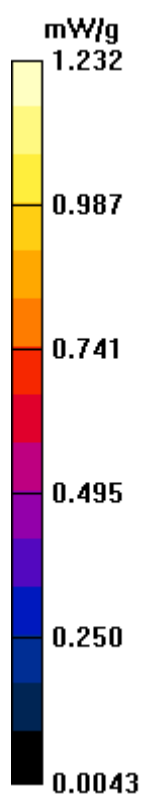Maximum value of SAR (interpolated) = 1.232 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.084 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.118 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 1.255 mW/g

#13 GSM1900_GPRS11_Primary Landscape_0cm_Ch512

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1850.2 MHz; σ = 1.466 mho/m; ε_r =
54.972; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
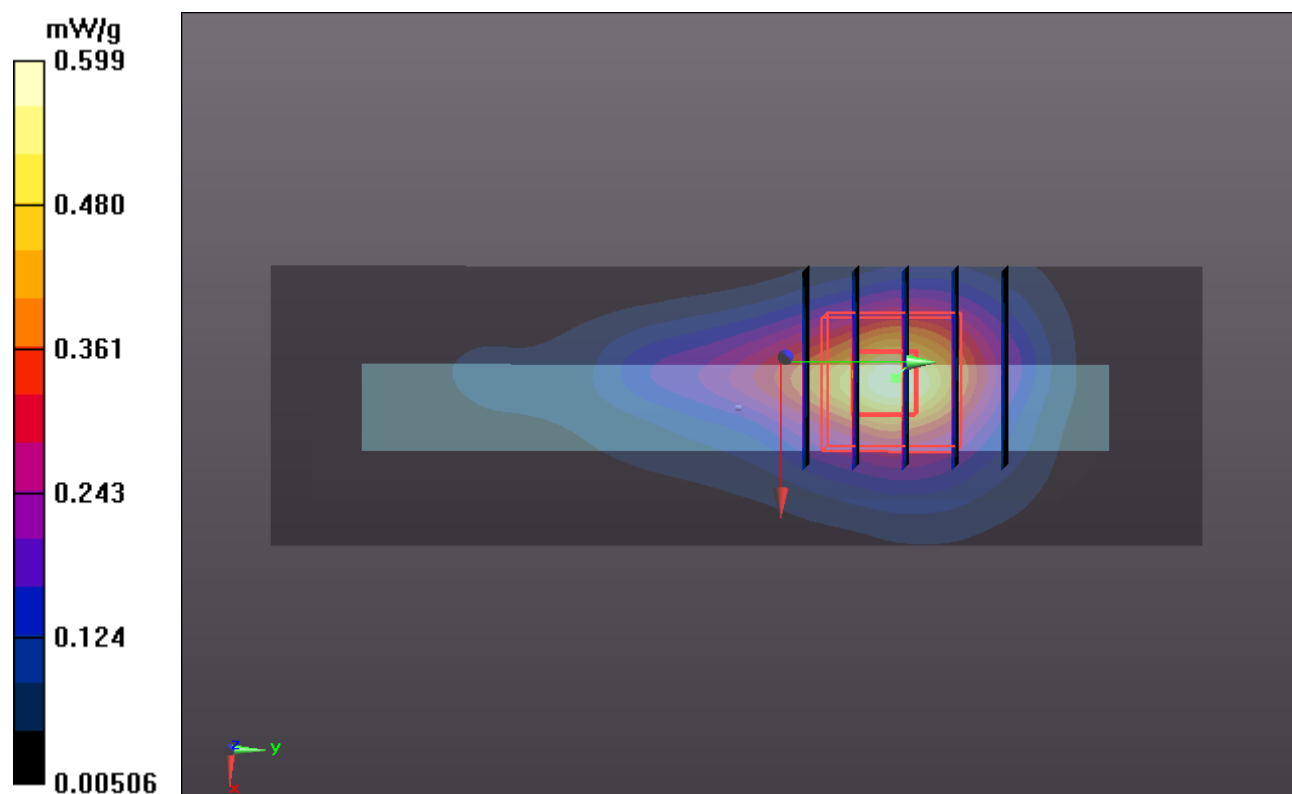Maximum value of SAR (interpolated) = 0.599 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.813 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.577 mW/g

#14 GSM1900_GPRS11_Primary Landscape_0cm_Ch661

DUT: 1N1201

Communication System: GPRS/EDGE 11; Frequency: 1880 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_111205 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
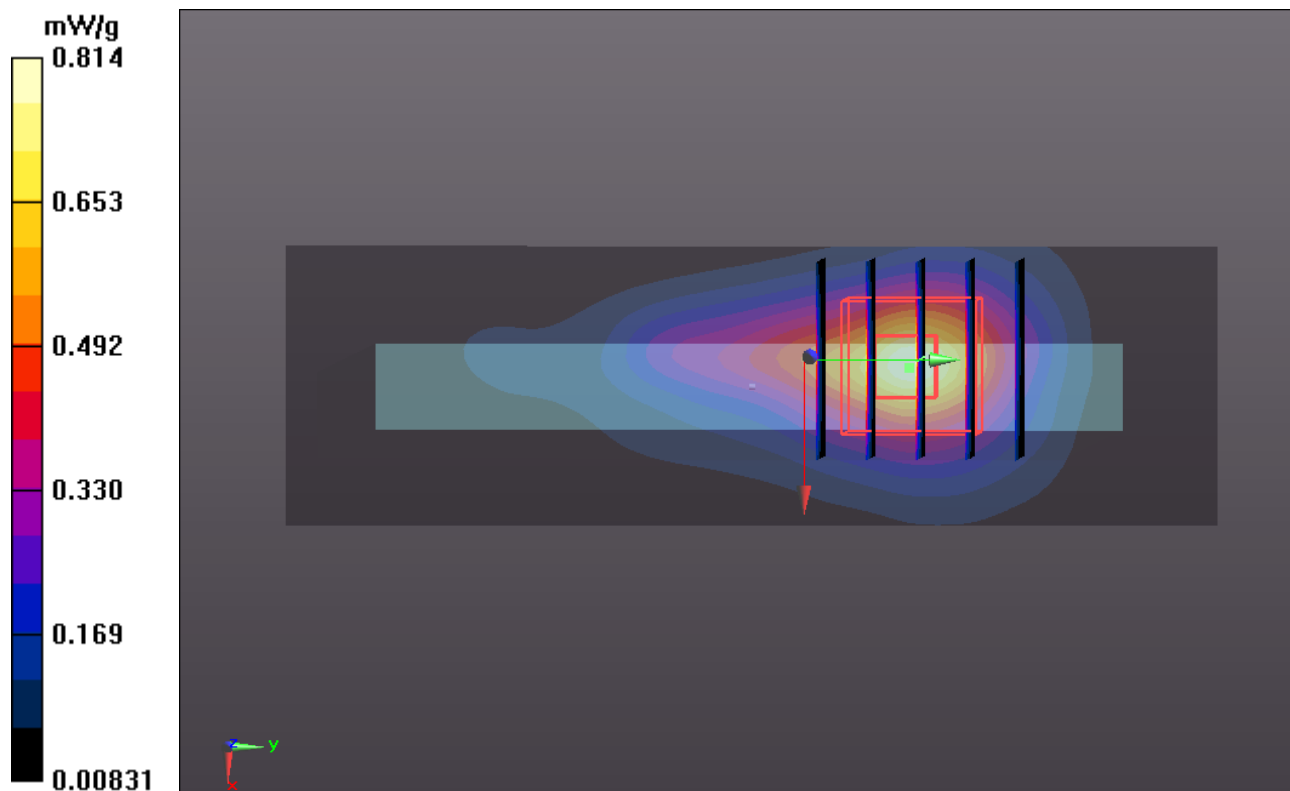Maximum value of SAR (interpolated) = 0.814 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.605 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.221 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.800 mW/g

#18 WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4182

DUT: 1N1201

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_111205 Medium parameters used: f = 836.4 MHz; σ = 0.974 mho/m; ε_r =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
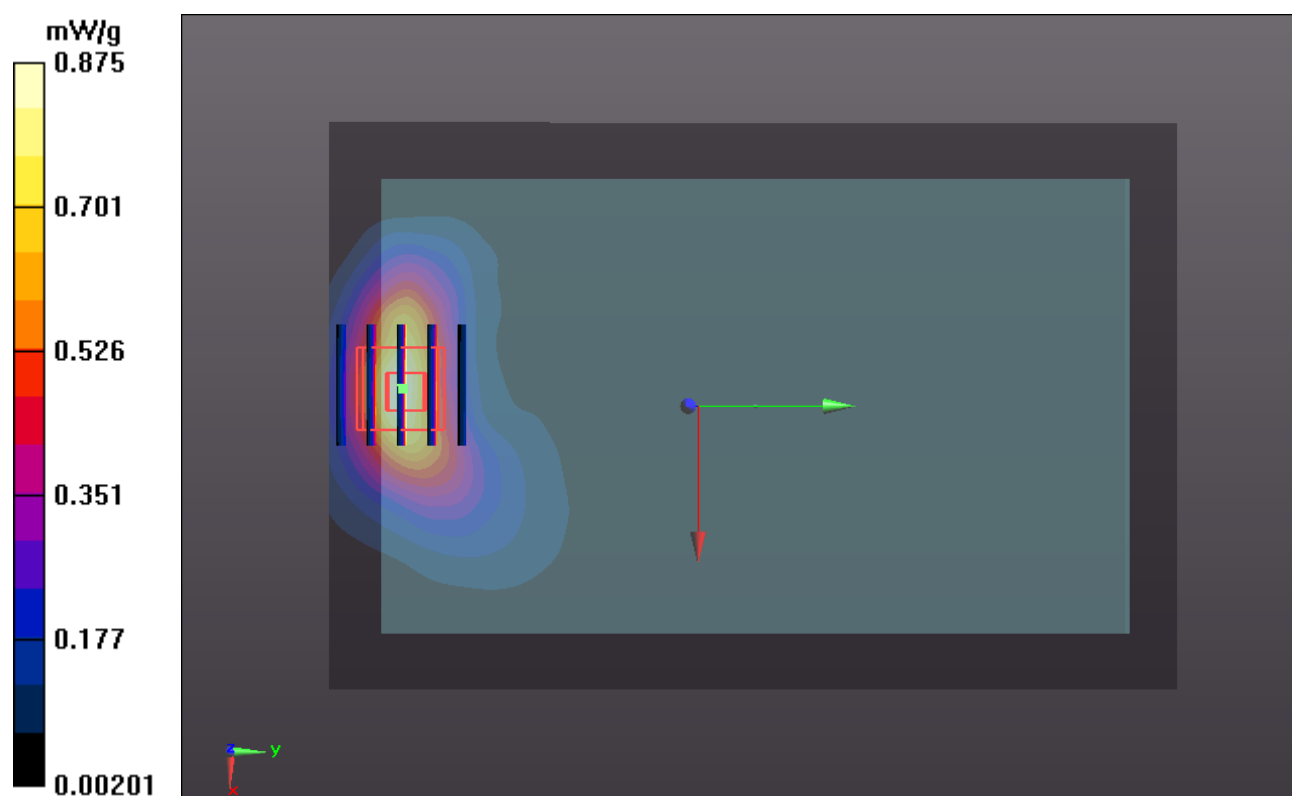Maximum value of SAR (interpolated) = 0.875 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.701 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.747 W/kg
SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.992 mW/g

#19 WCDMA V_RMC 12.2K_Primary Landscape_0cm_Ch4182

DUT: 1N1201

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_111205 Medium parameters used: f = 836.4 MHz; σ = 0.974 mho/m; ε_r =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
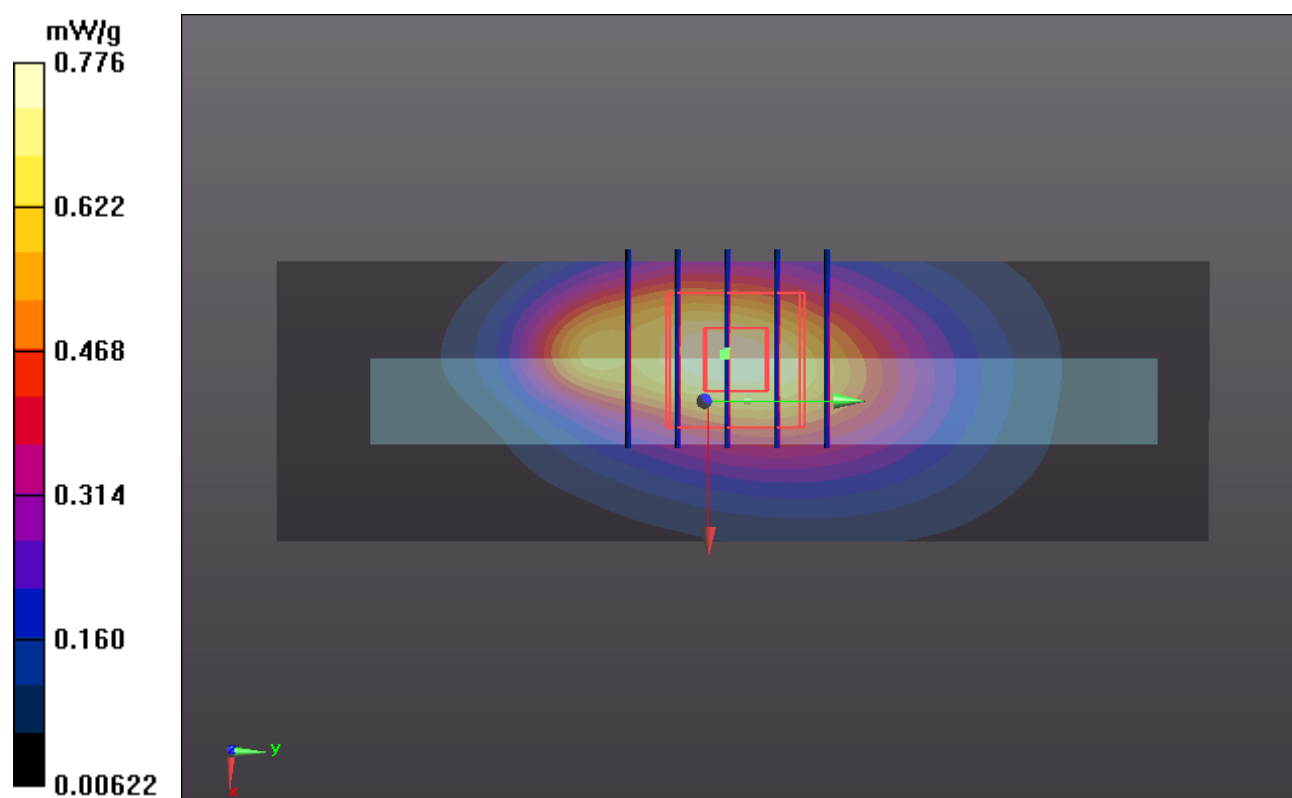Maximum value of SAR (interpolated) = 0.776 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.854 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.167 W/kg
SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.767 mW/g

#20 WCDMA V_RMC 12.2K_Primary Portrait_0cm_Ch4182

DUT: 1N1201

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_111205 Medium parameters used: f = 836.4 MHz; σ = 0.974 mho/m; ε_r = 54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.667 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.098 mW/g
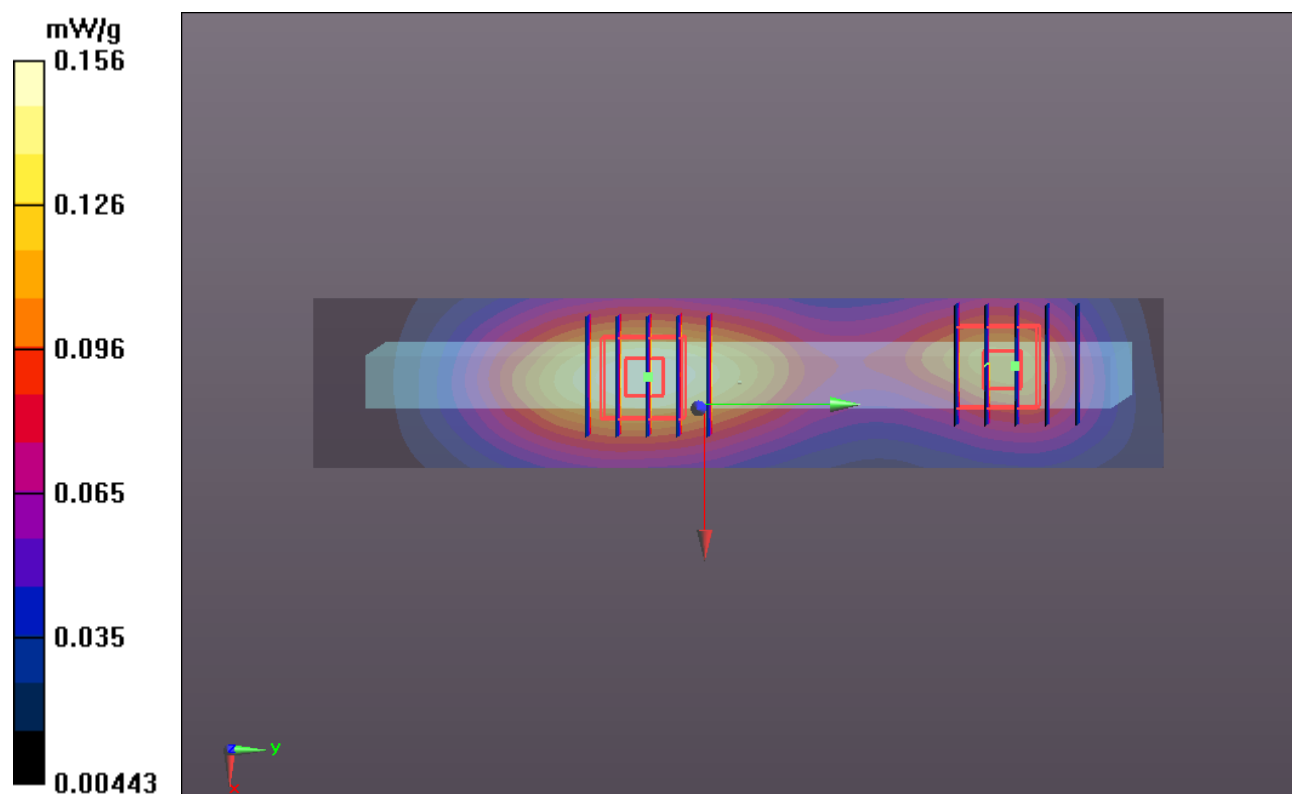Maximum value of SAR (measured) = 0.156 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.667 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.126 mW/g

#21 WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4132

DUT: 1N1201

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_111205 Medium parameters used: f = 826.4 MHz; σ = 0.965 mho/m; ε_r =

54.15; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
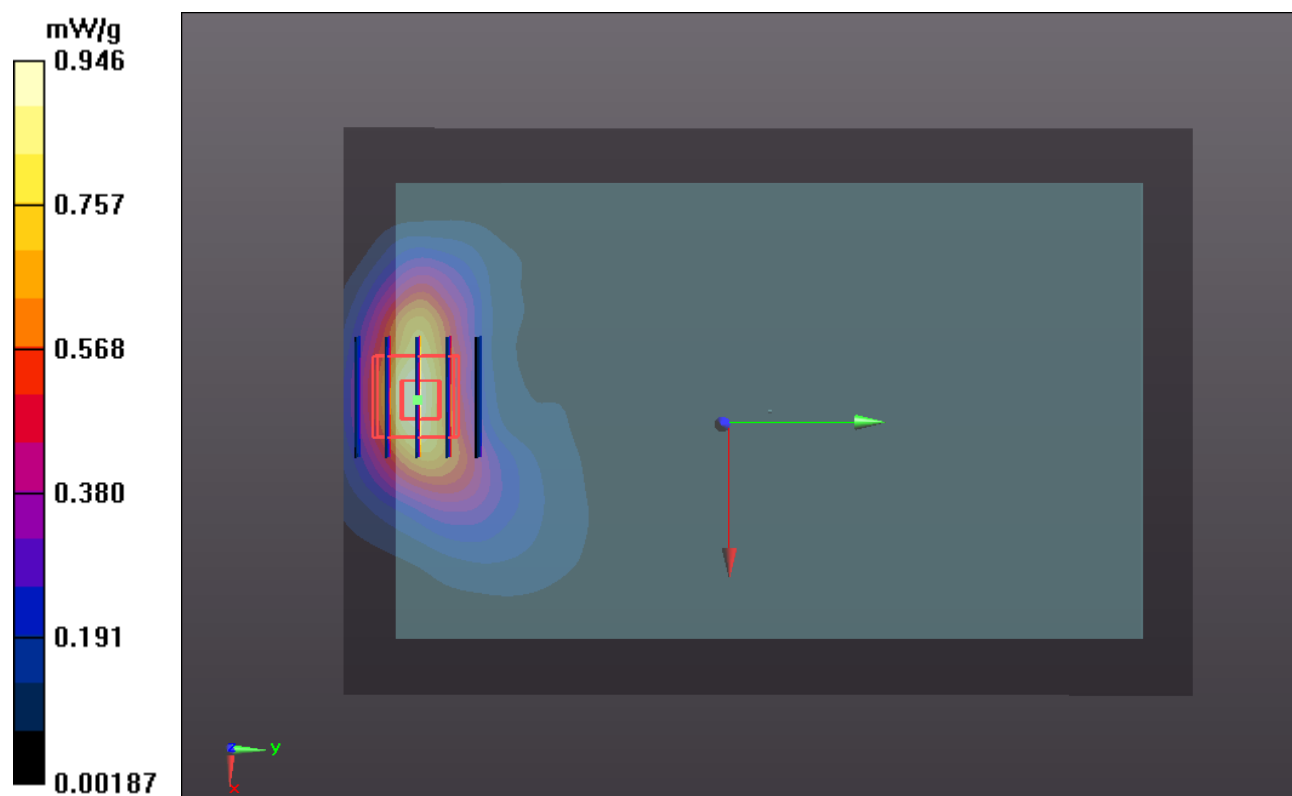Maximum value of SAR (interpolated) = 0.946 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.223 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.922 W/kg
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.523 mW/g
Maximum value of SAR (measured) = 1.098 mW/g

#21 WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4132_2D

DUT: 1N1201

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_111205 Medium parameters used: f = 826.4 MHz; σ = 0.965 mho/m; ε_r =

54.15; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
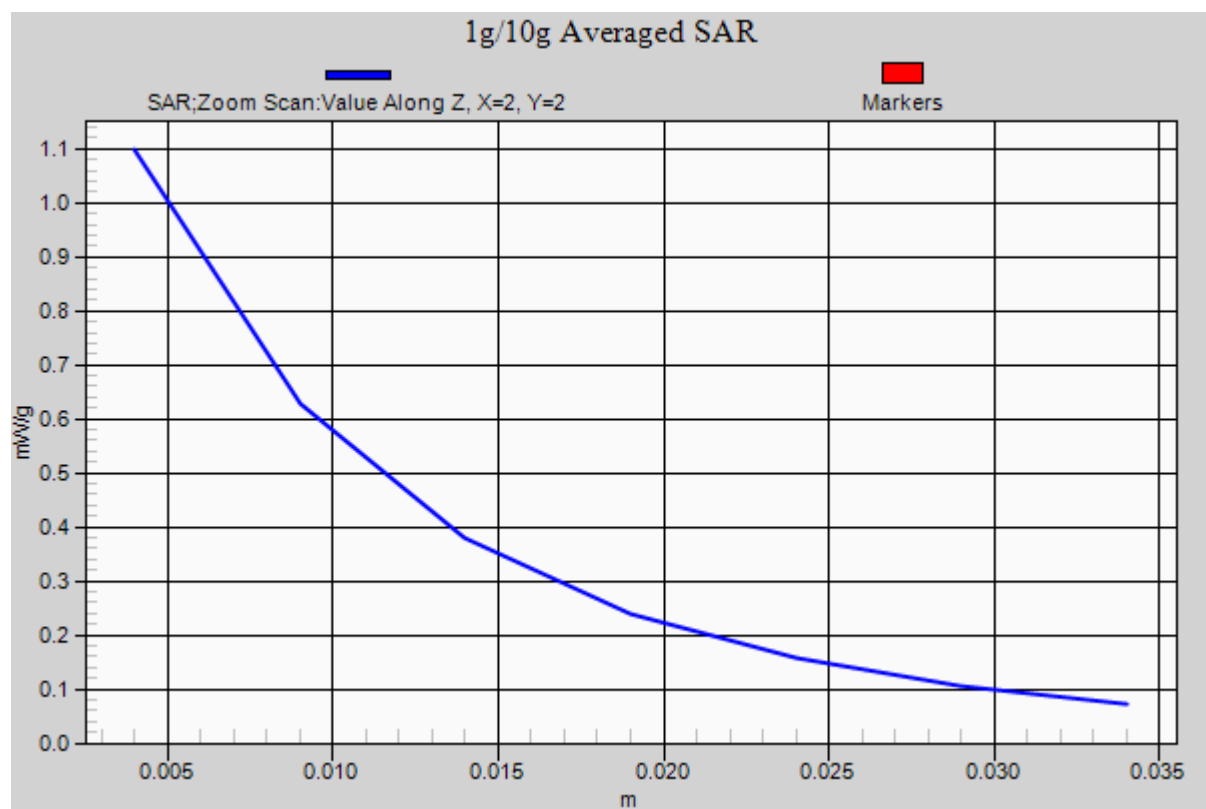Maximum value of SAR (interpolated) = 0.946 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.223 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.922 W/kg
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.523 mW/g
Maximum value of SAR (measured) = 1.098 mW/g

1g/10g Averaged SAR

#22 WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4233

DUT: 1N1201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_111205 Medium parameters used: f = 847 MHz; σ = 0.983 mho/m; ε_r = 53.987;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
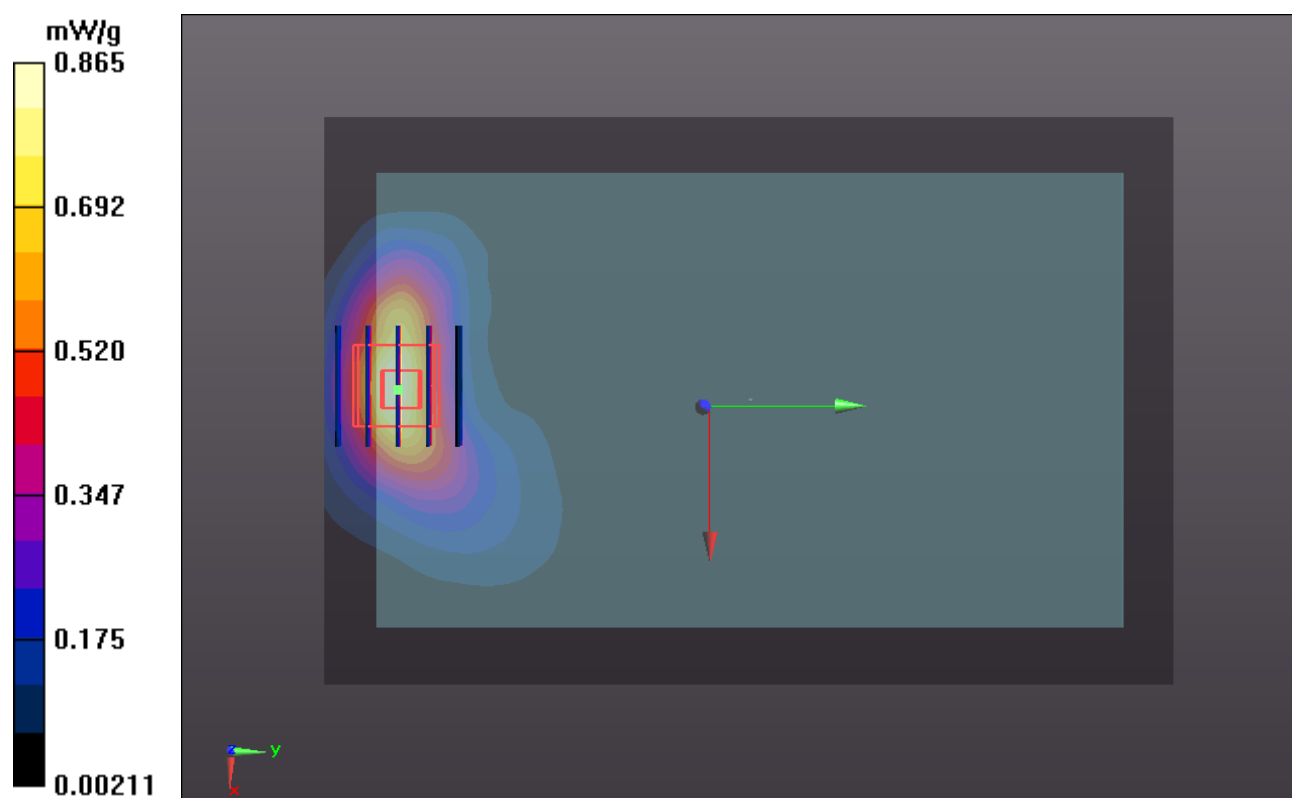Maximum value of SAR (interpolated) = 0.865 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.445 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.743 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.989 mW/g

#01 WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9400

DUT: 1N1201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
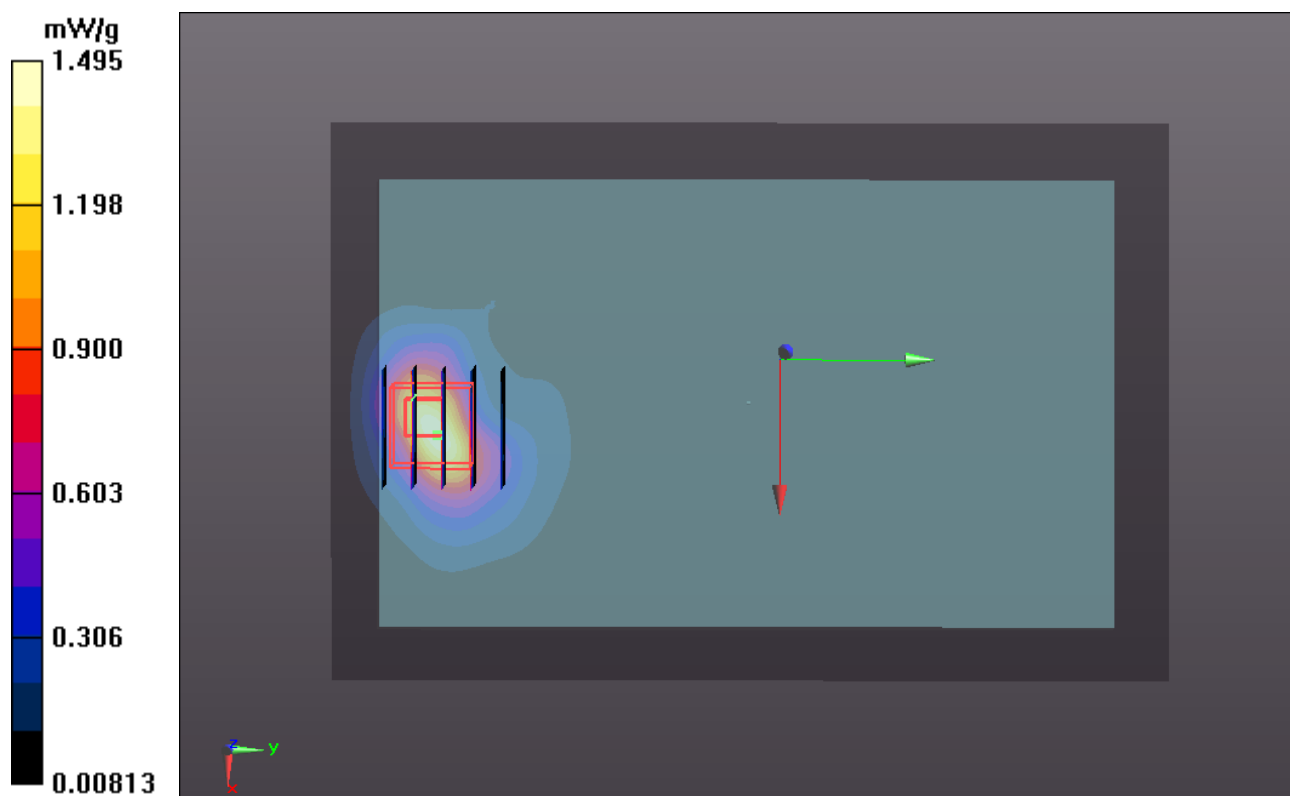Maximum value of SAR (interpolated) = 1.495 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.203 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.772 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.347 mW/g

#01 WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9400_2D

DUT: 1N1201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
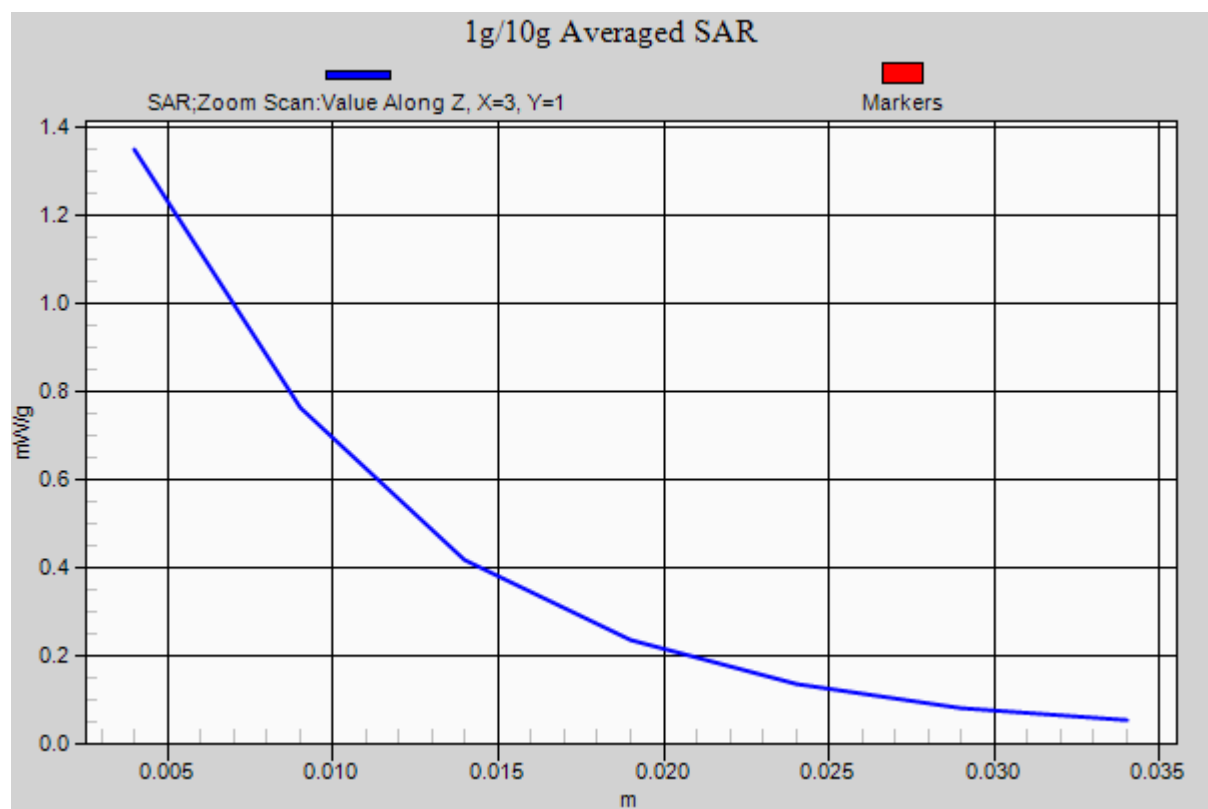Maximum value of SAR (interpolated) = 1.495 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.203 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.772 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.347 mW/g

1g/10g Averaged SAR

#02 WCDMA II_RMC 12.2K_Primary Landscape_0cm_Ch9400

DUT: 1N1201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε$_r$ = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
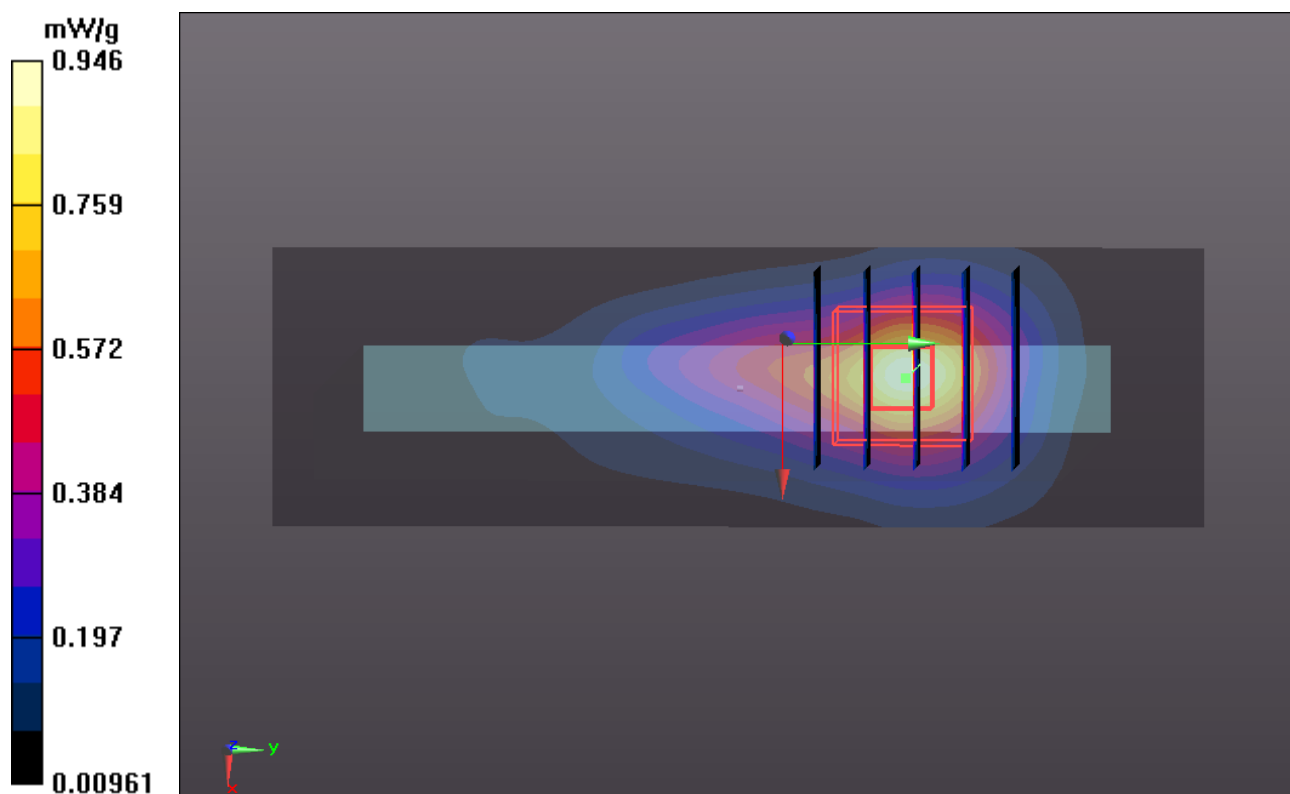Maximum value of SAR (interpolated) = 0.946 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.063 V/m; Power Drift = 0.0053 dB
Peak SAR (extrapolated) = 1.505 W/kg
SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 0.951 mW/g

#03 WCDMA II_RMC 12.2K_Primary Portrait_0cm_Ch9400

DUT: 1N1201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
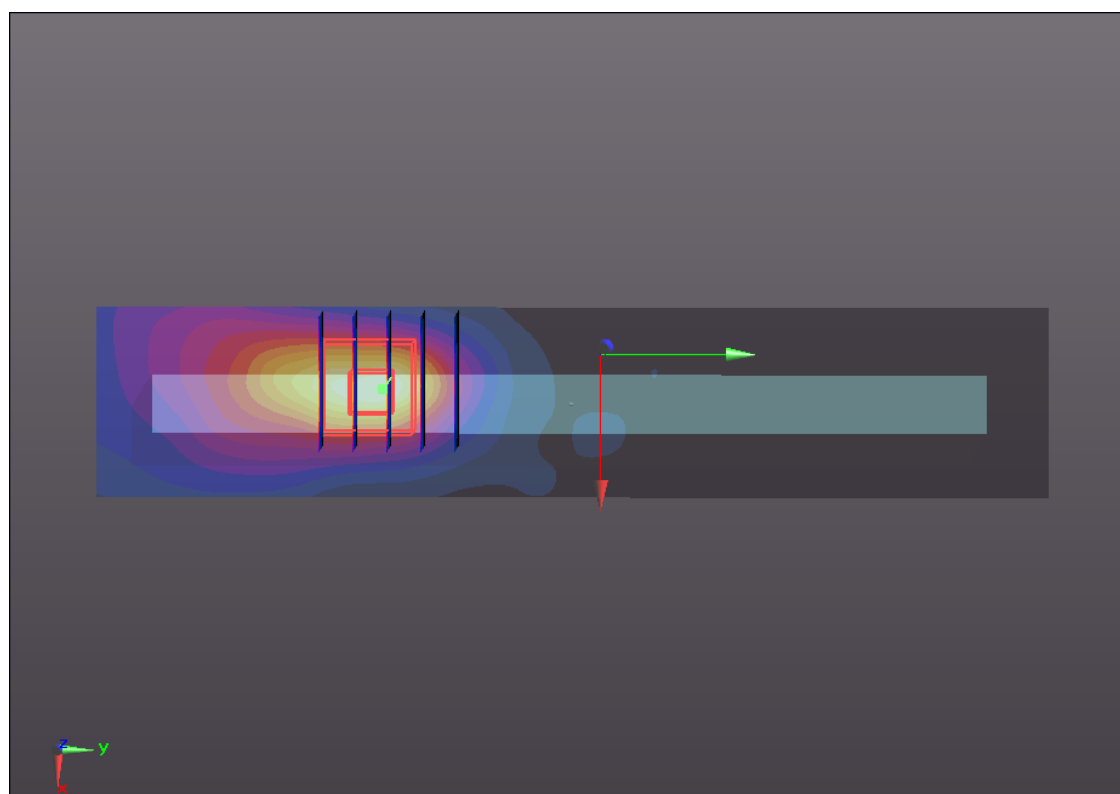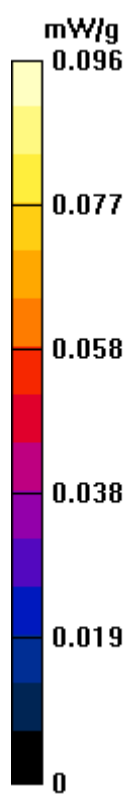Maximum value of SAR (interpolated) = 0.096 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.108 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

#04 WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9262

DUT: 1N1201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1852.4 MHz; σ = 1.469 mho/m; $ε_r$ = 54.965; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.181 mW/g

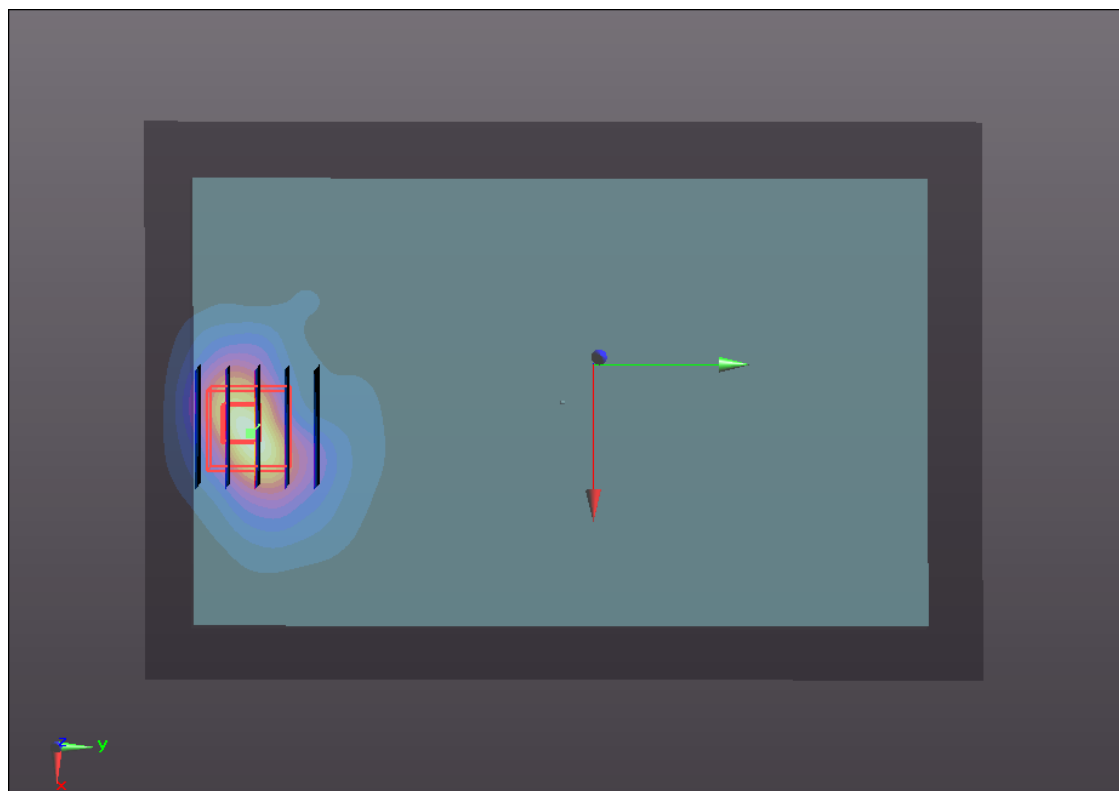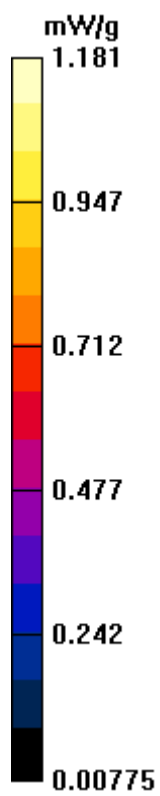## Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.072 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.078 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 1.064 mW/g

#05 WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9538

DUT: 1N1201

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1908 MHz; σ = 1.535 mho/m; ε_r =

54.854; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
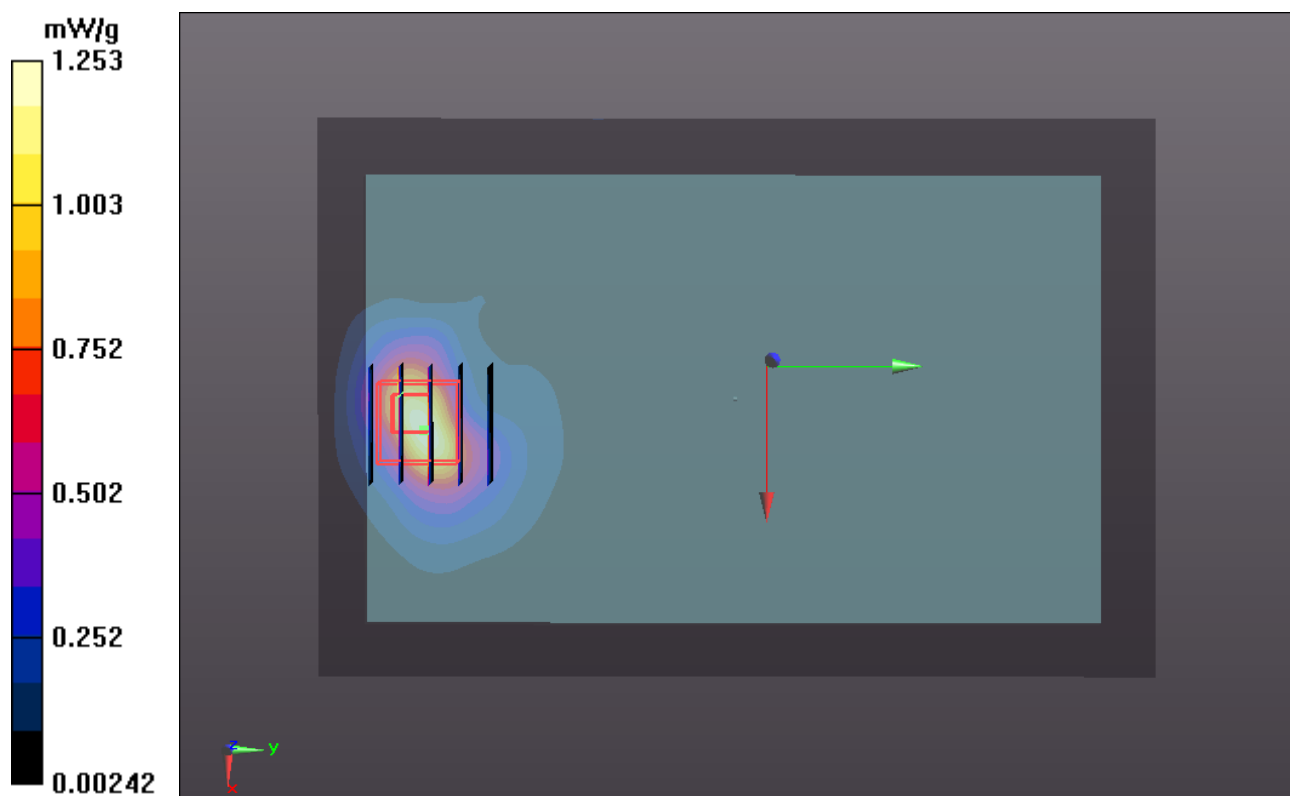Maximum value of SAR (interpolated) = 1.253 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.261 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.301 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 1.130 mW/g

#06 WCDMA II_RMC 12.2K_Primary Landscape_0cm_Ch9262

DUT: 1N1201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1852.4 MHz; σ = 1.469 mho/m; ε_r = 54.965; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.714 mW/g

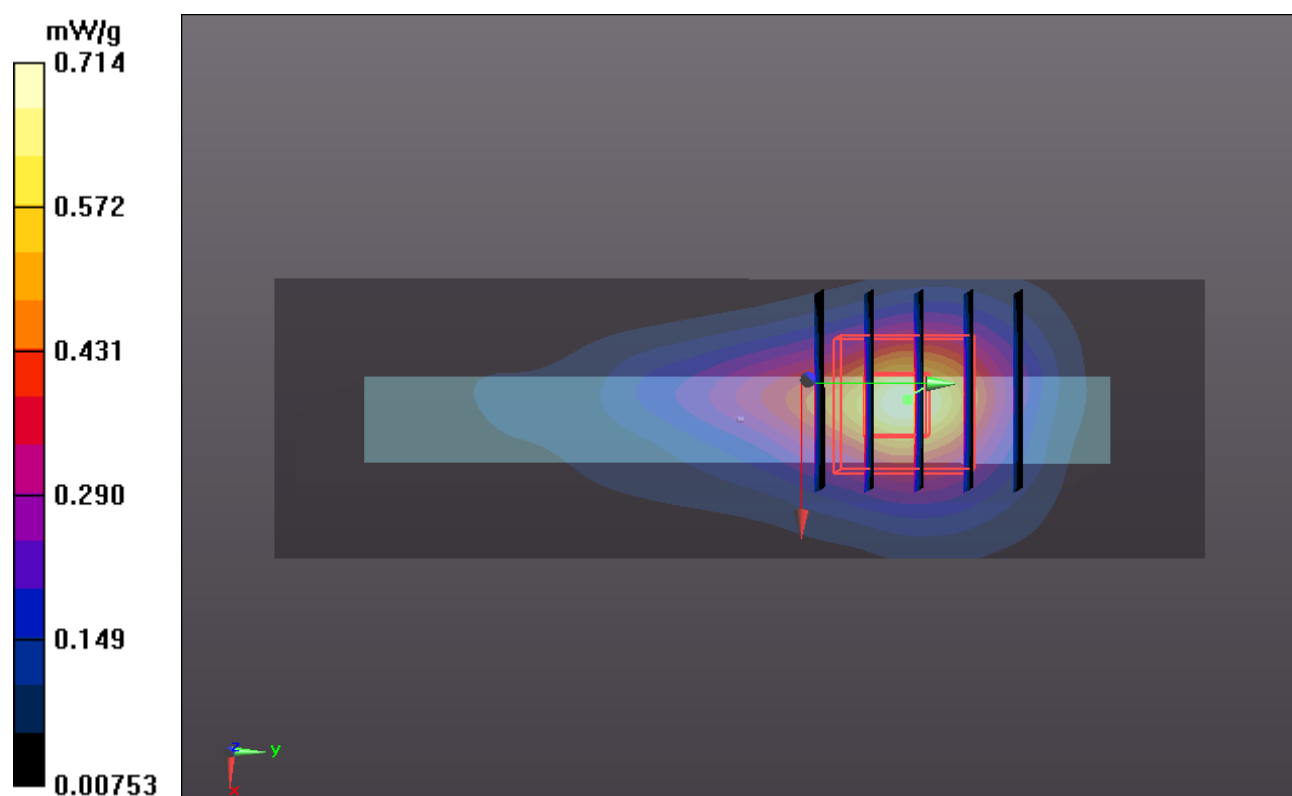**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.844 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.106 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.678 mW/g

#07 WCDMA II_RMC 12.2K_Primary Landscape_0cm_Ch9538

DUT: 1N1201

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_111205 Medium parameters used: f = 1908 MHz; σ = 1.535 mho/m; $ε_r$ =
54.854; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-4-28
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.764 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.975 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.195 W/kg
SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.733 mW/g