Appendix B. Plots of SAR Measurement

The plots are shown as follows.

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Page Number : B1 of B1
Report Issued Date : Dec. 15, 2011
Report Version : Rev. 01

#01 GSM850_Right Cheek_Ch128_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
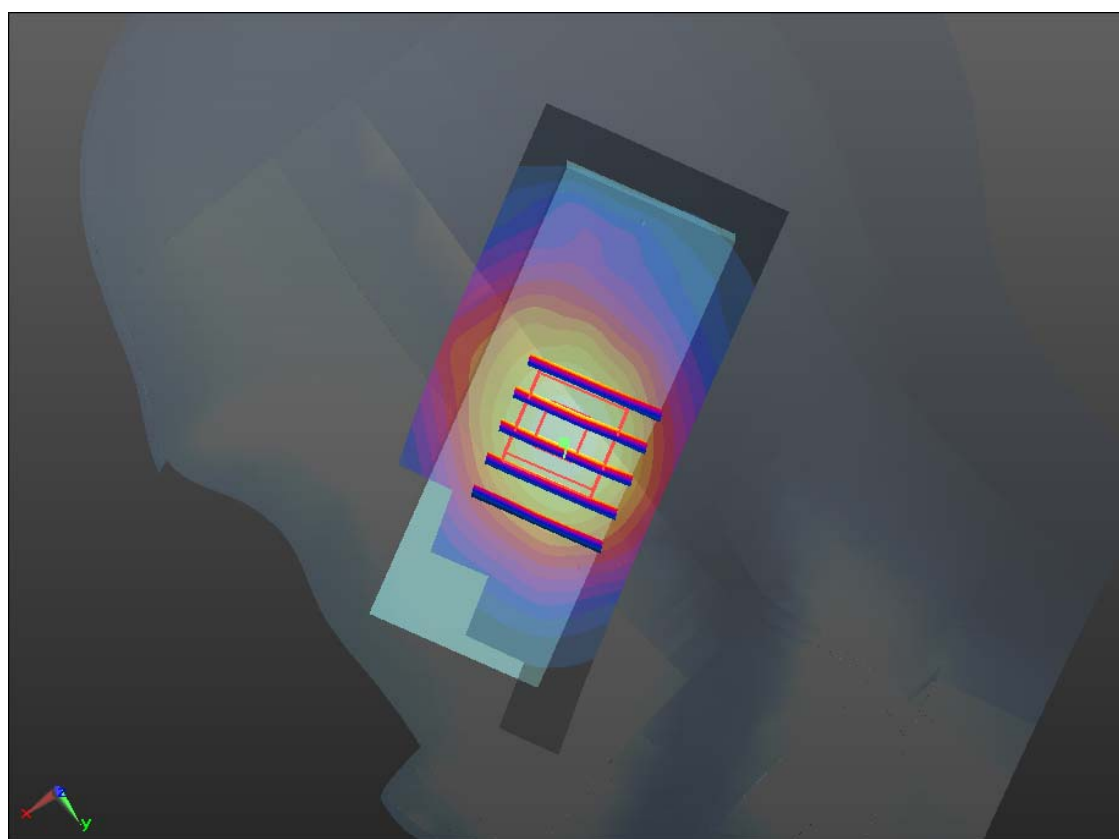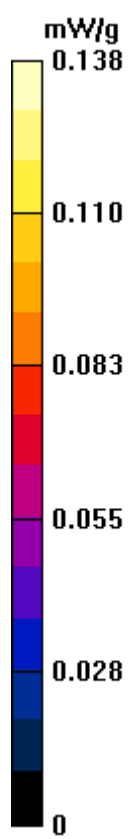Maximum value of SAR (interpolated) = 0.138 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.590 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.133 mW/g

#02 GSM850_Right Tilted_Ch128_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
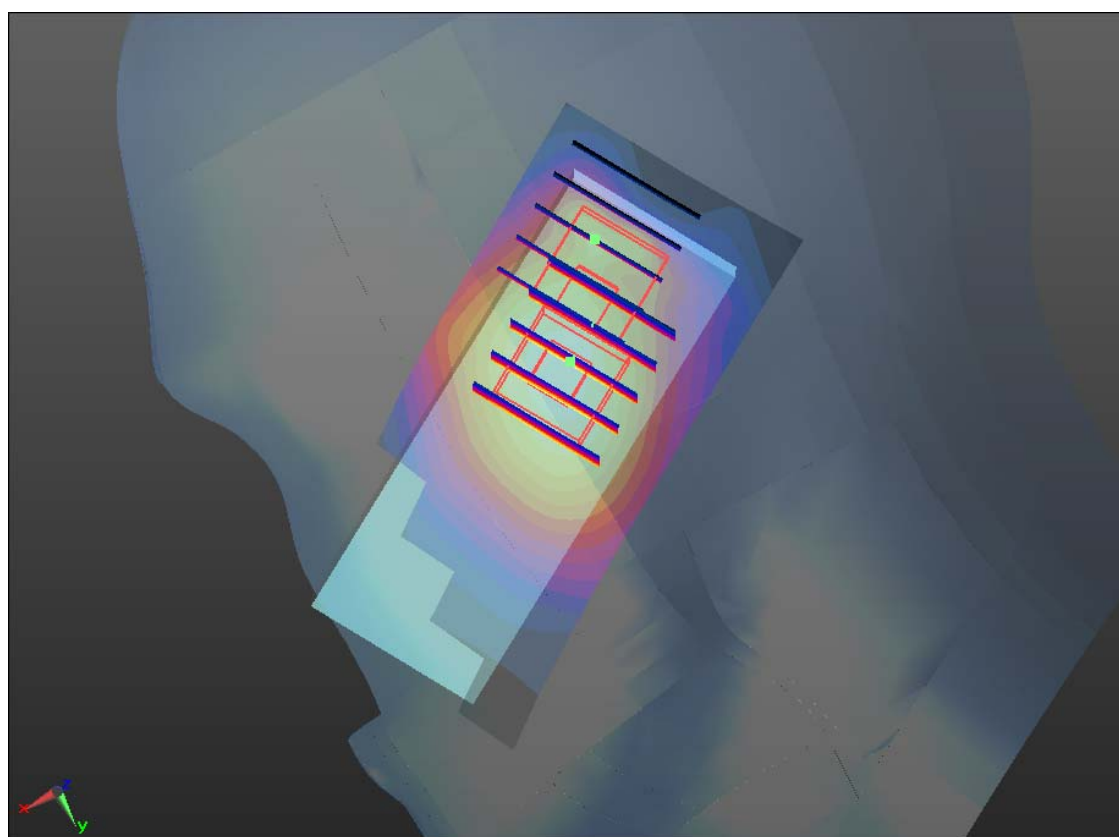Maximum value of SAR (interpolated) = 0.090 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.547 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.063 mW/g
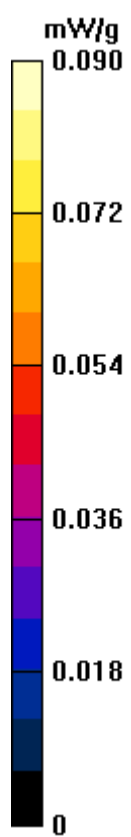Maximum value of SAR (measured) = 0.091 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.547 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.098 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.079 mW/g

#03 GSM850_Left Cheek_Ch128_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
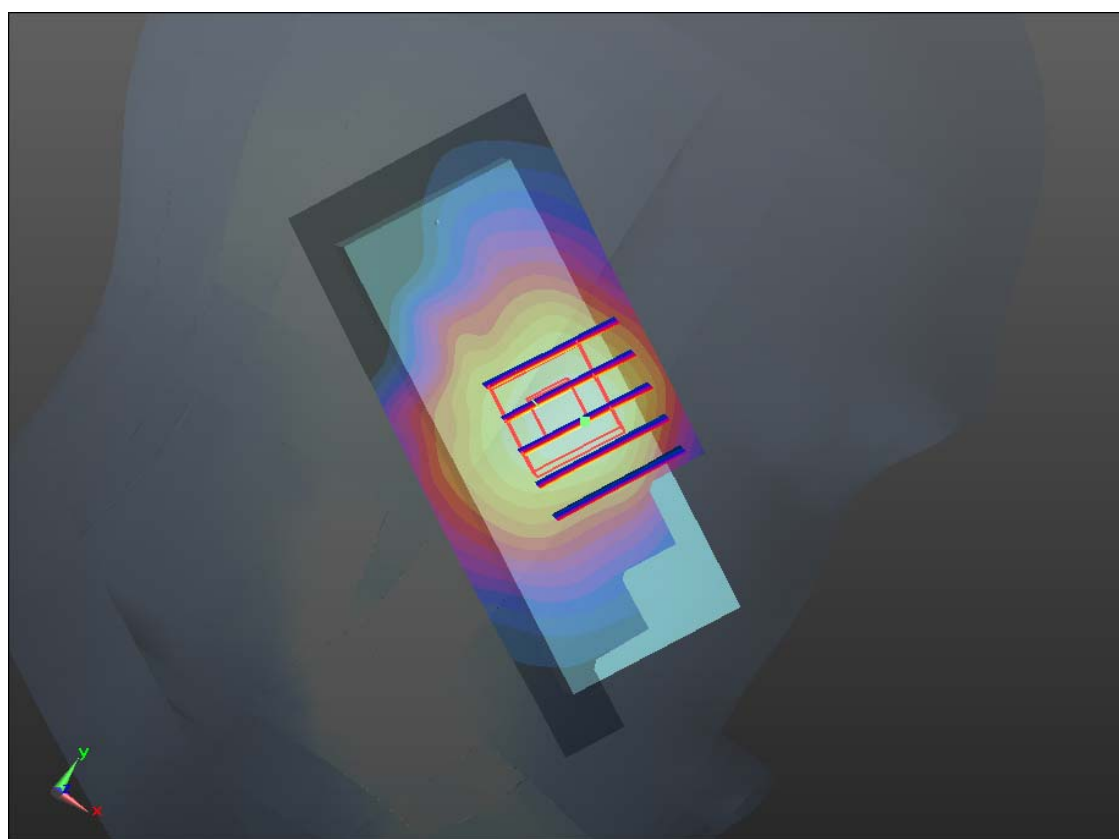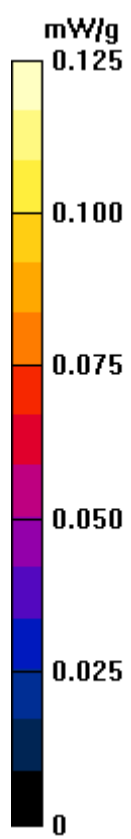Maximum value of SAR (interpolated) = 0.125 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.085 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.126 mW/g

#04 GSM850_Left Tilted_Ch128_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
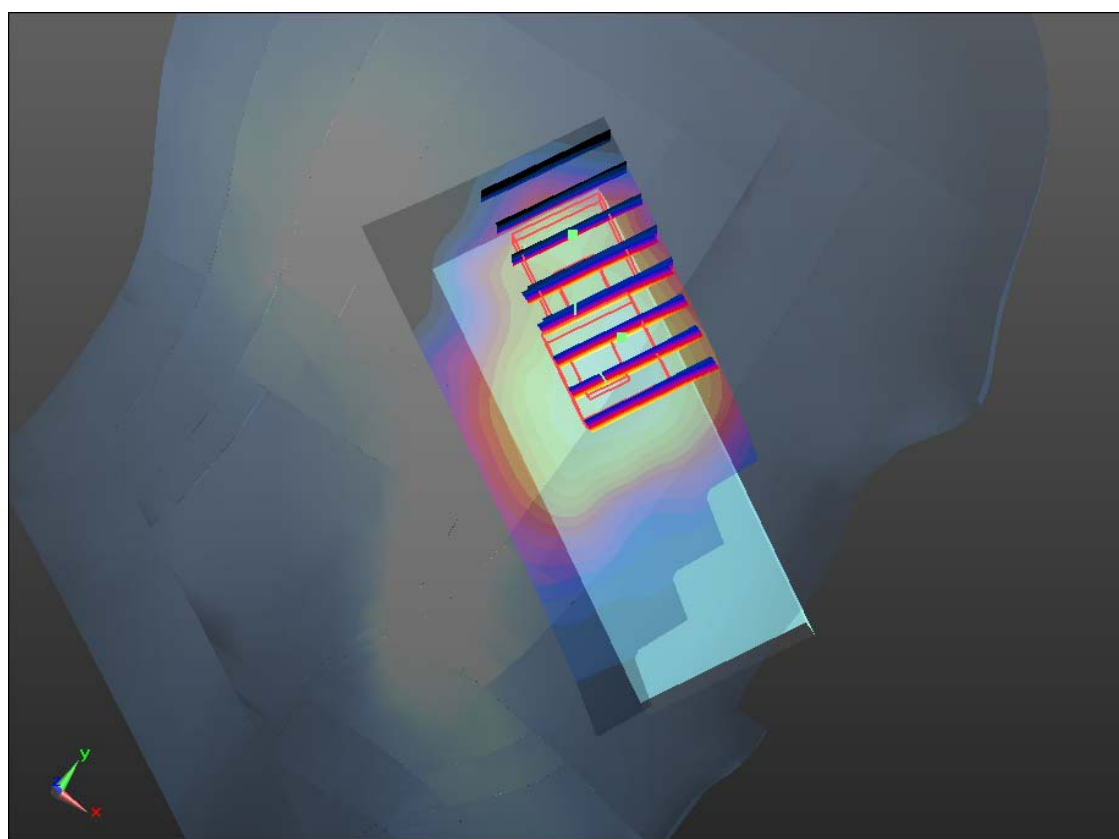Maximum value of SAR (interpolated) = 0.081 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.235 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.057 mW/g
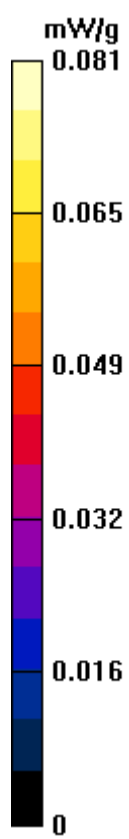Maximum value of SAR (measured) = 0.083 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.235 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.092 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.072 mW/g

#05 GSM850_Right Cheek_Ch128_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
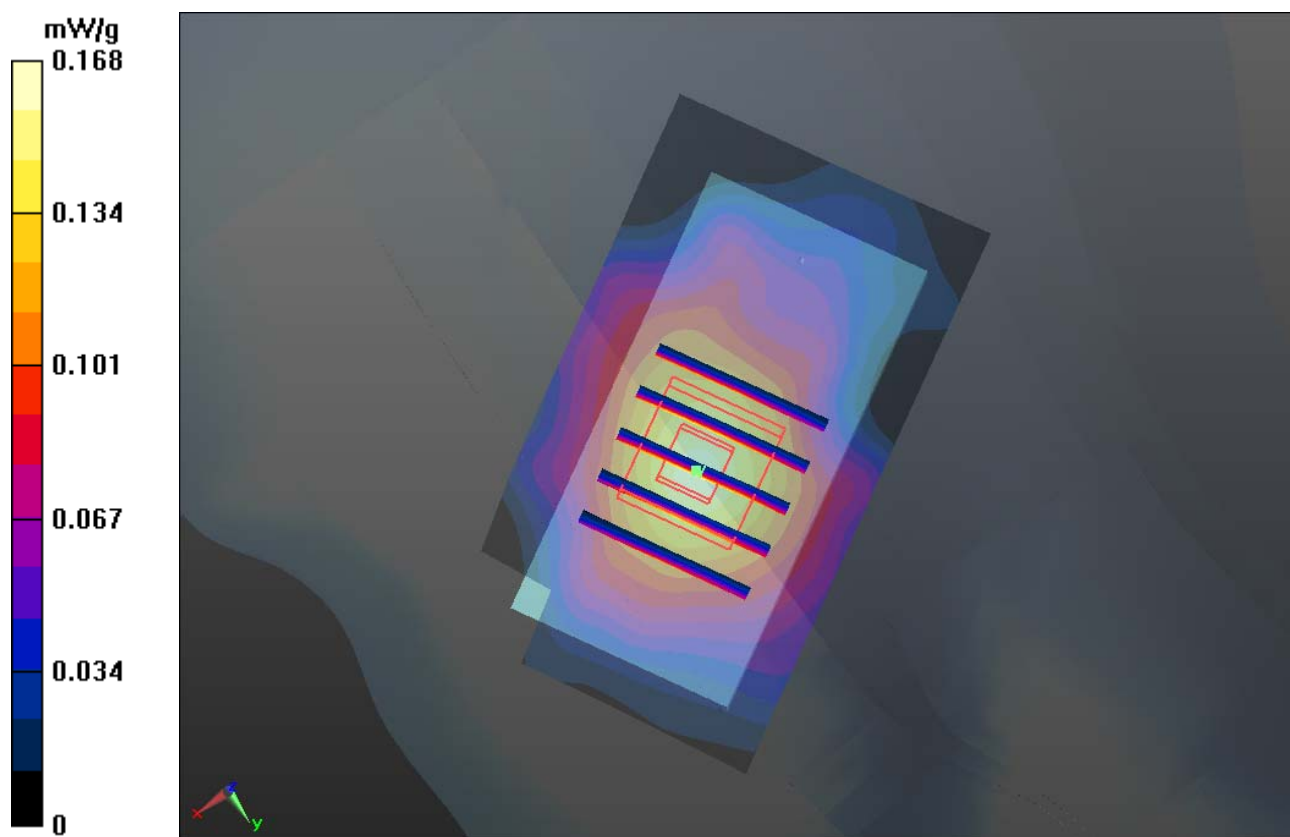Maximum value of SAR (interpolated) = 0.168 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.219 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.165 mW/g

#05 GSM850_Right Cheek_Ch128_Slide Down_2D

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
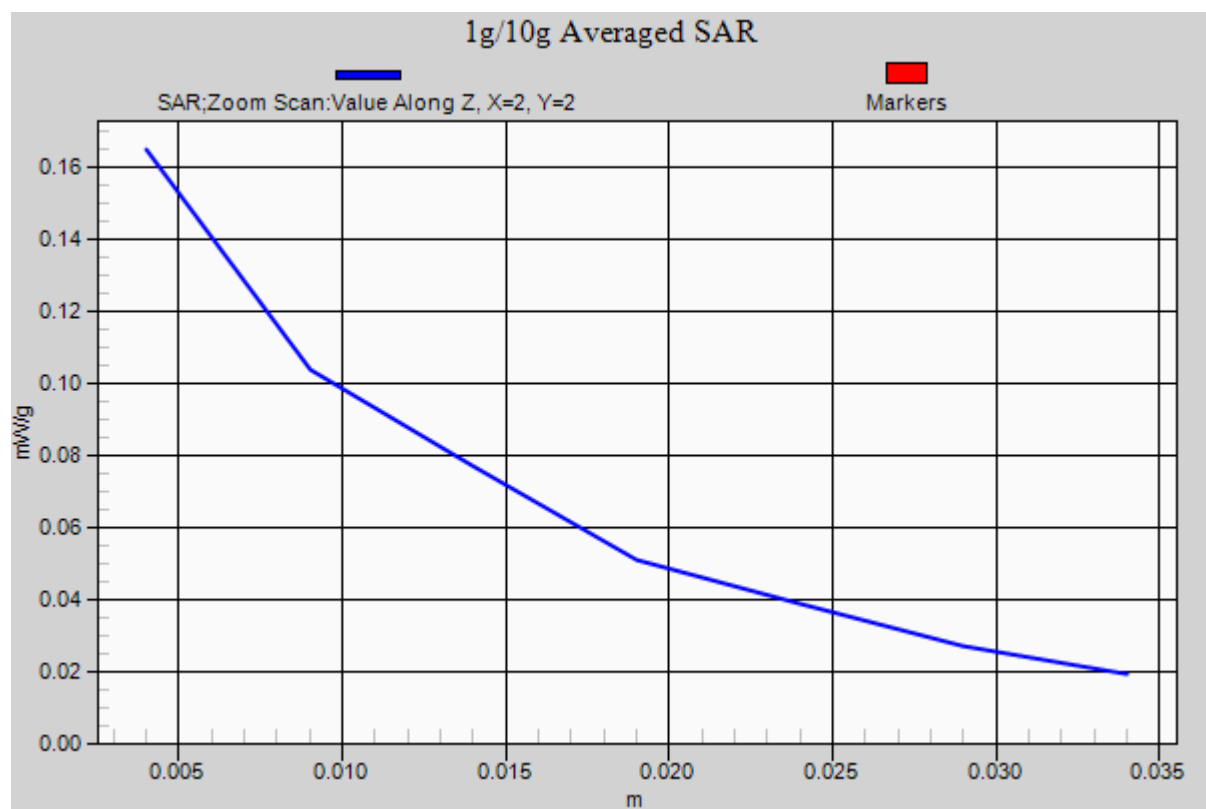Maximum value of SAR (interpolated) = 0.168 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.219 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.165 mW/g

1g/10g Averaged SAR

#06 GSM850_Right Tilted_Ch128_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
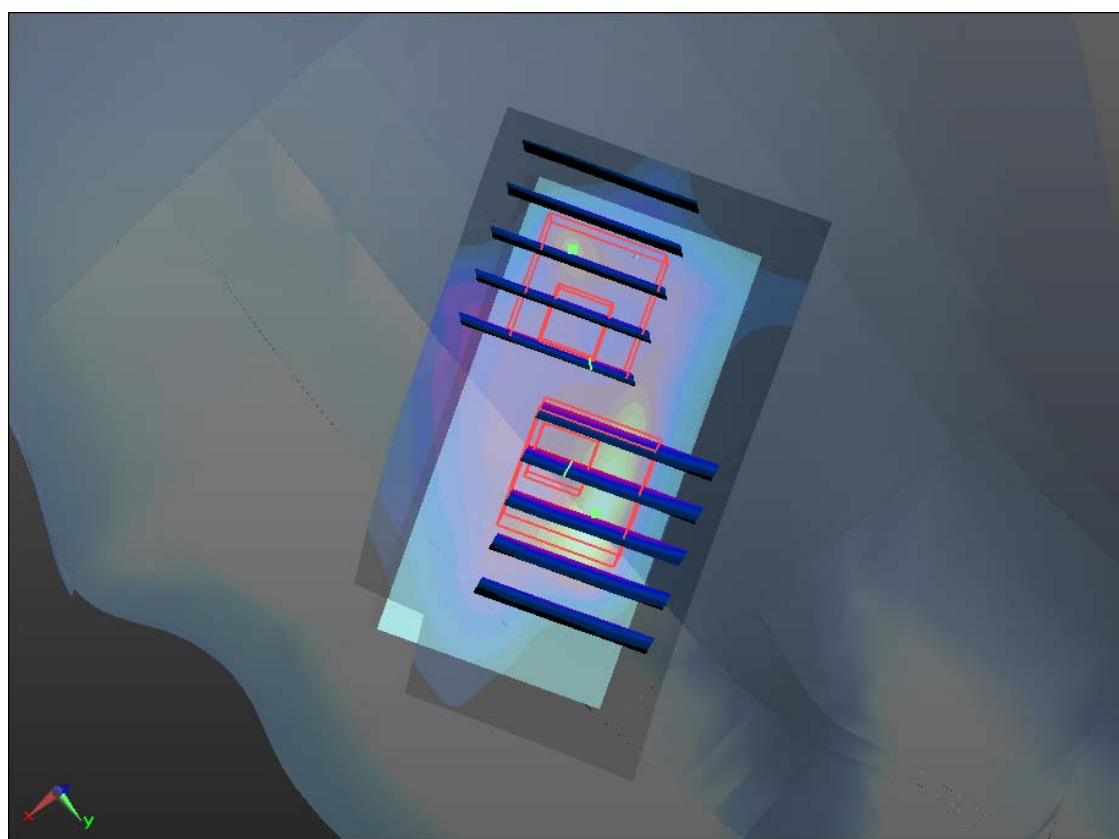Maximum value of SAR (interpolated) = 0.111 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.489 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.038 mW/g
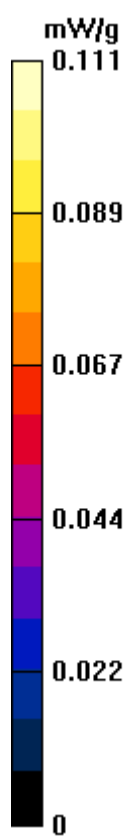Maximum value of SAR (measured) = 0.062 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.489 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.046 mW/g

#07 GSM850_Left Cheek_Ch128_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
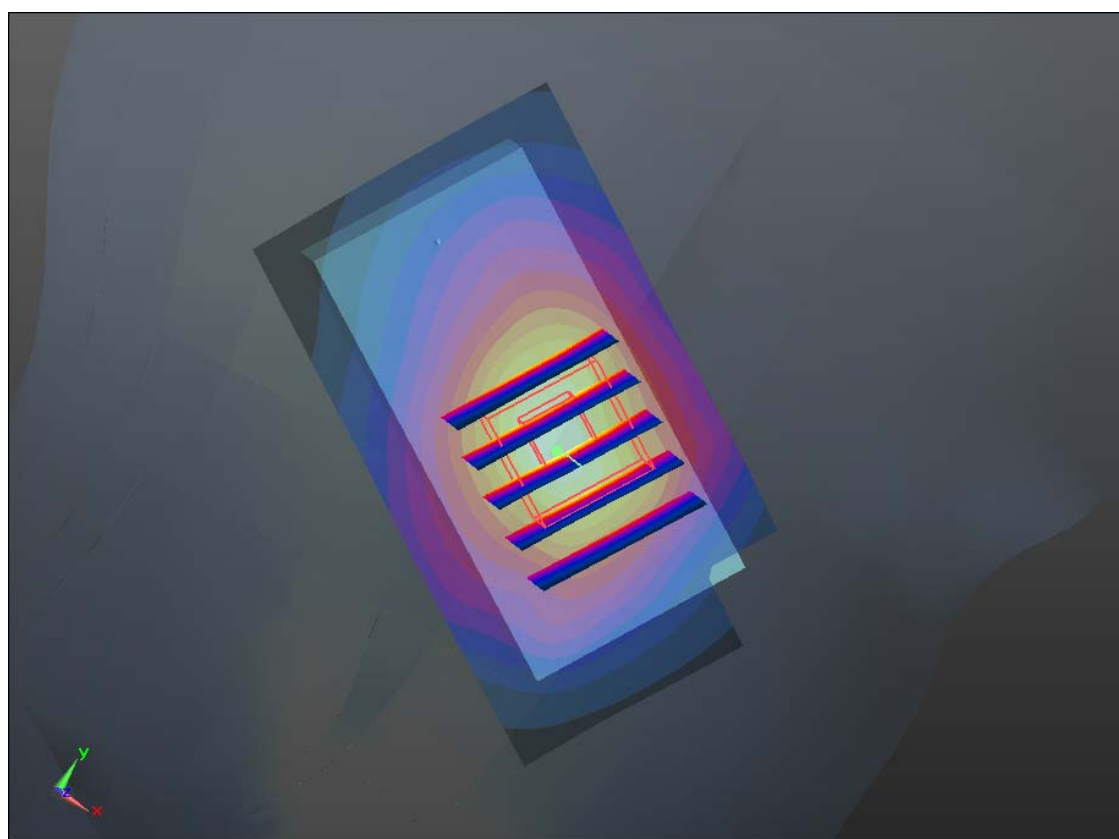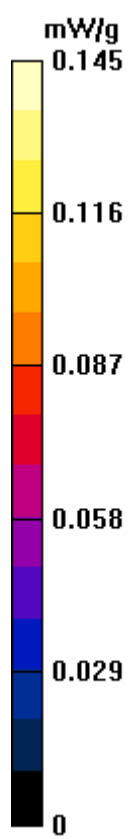Maximum value of SAR (interpolated) = 0.145 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.693 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.143 mW/g

#08 GSM850_Left Tilted_Ch128_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.91 mho/m; ε_r = 40.944;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.049 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.896 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.034 mW/g
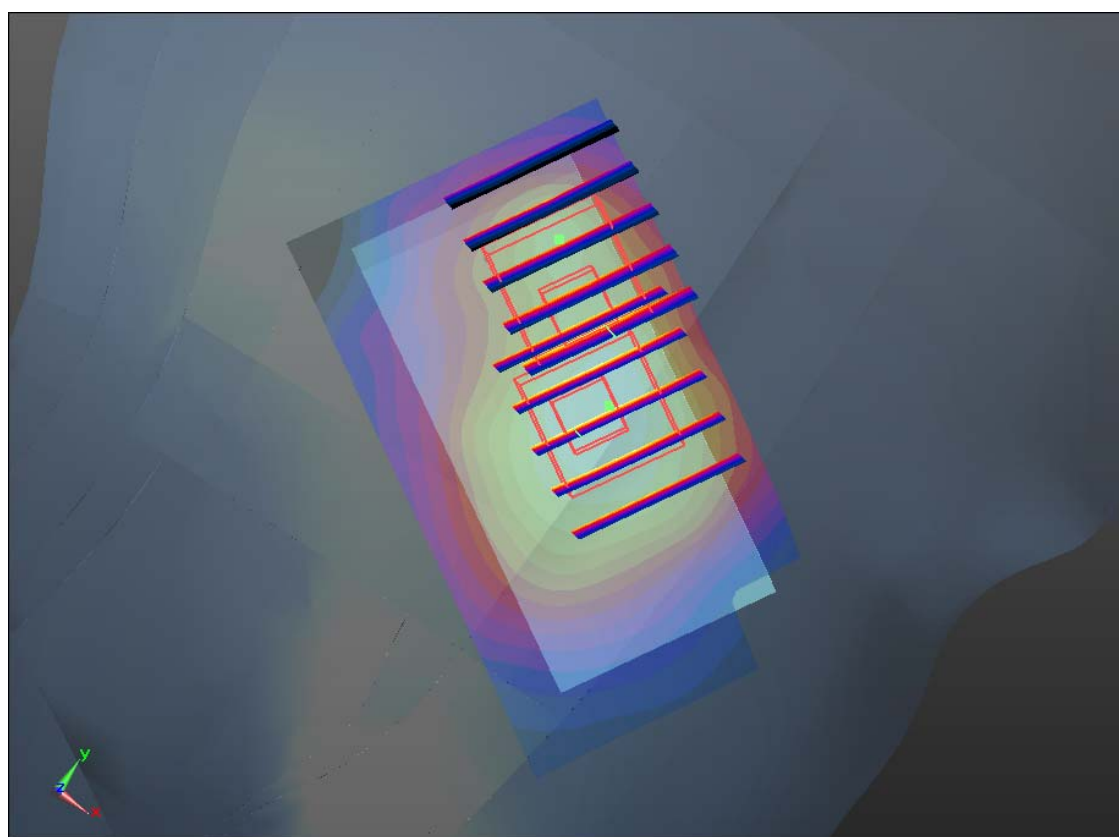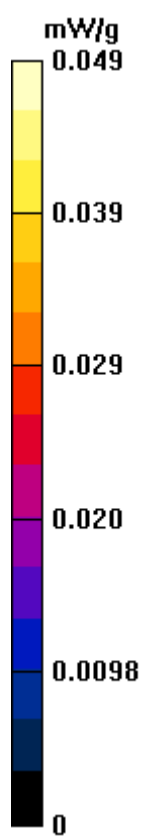Maximum value of SAR (measured) = 0.052 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.896 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.057 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.045 mW/g

#09 GSM1900_Right Cheek_Ch661_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.249 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.413 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.136 mW/g
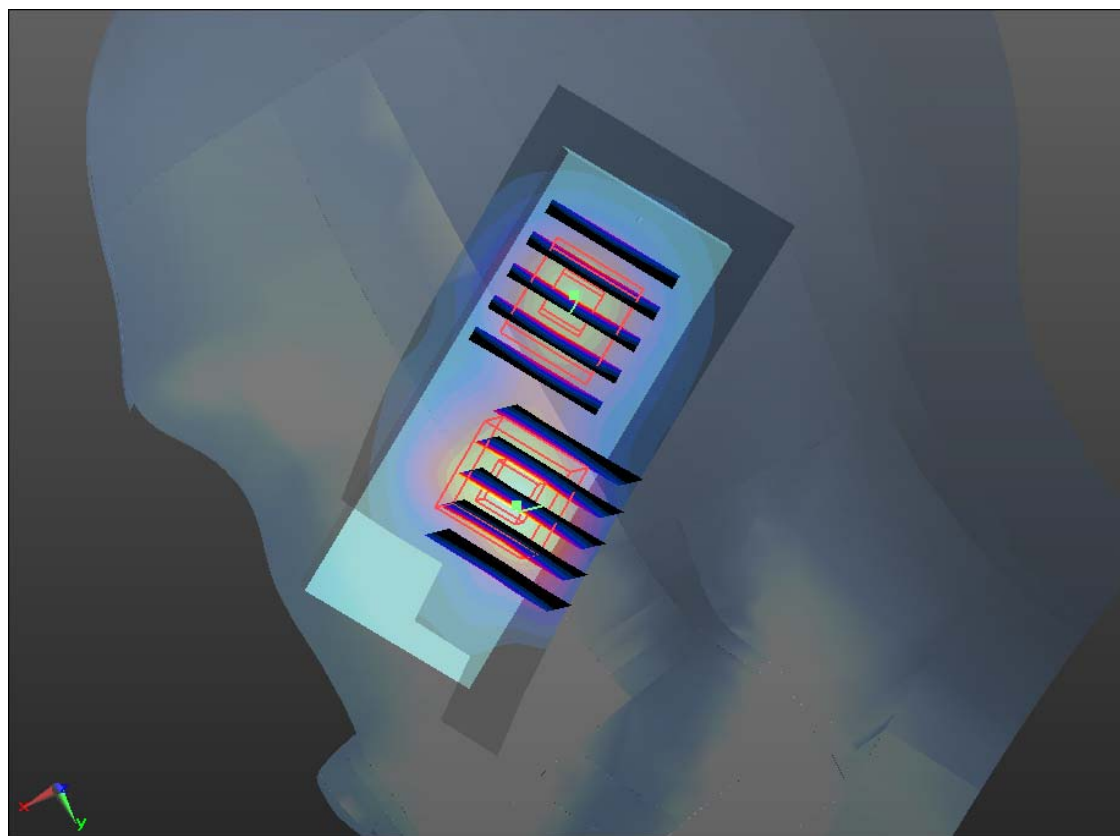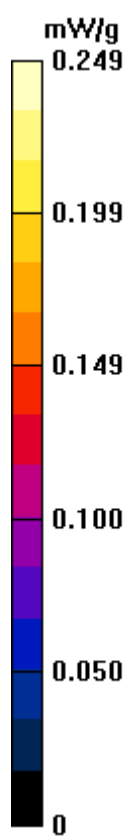Maximum value of SAR (measured) = 0.262 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.413 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.184 mW/g

#09 GSM1900_Right Cheek_Ch661_Slide Up_2D

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r =

39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.249 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.413 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.136 mW/g
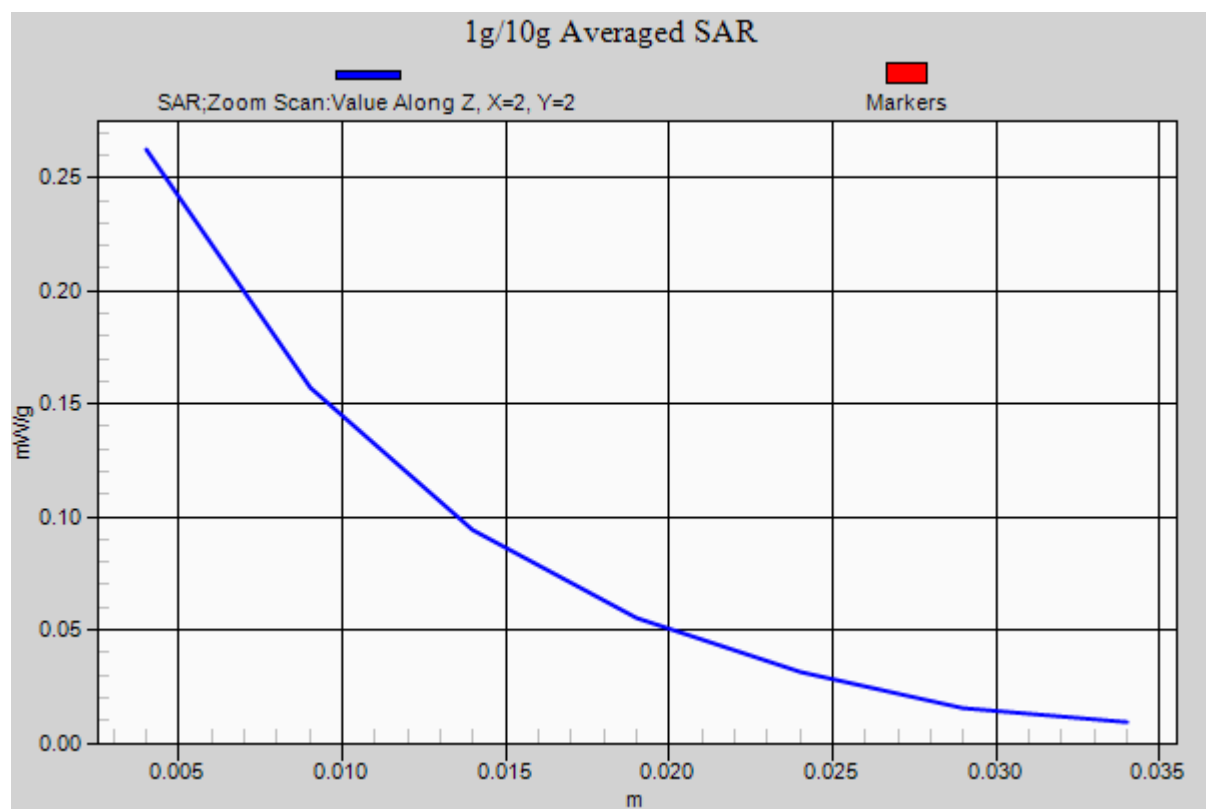Maximum value of SAR (measured) = 0.262 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.413 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.184 mW/g

1g/10g Averaged SAR

#10 GSM1900_Right Tilted_Ch661_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
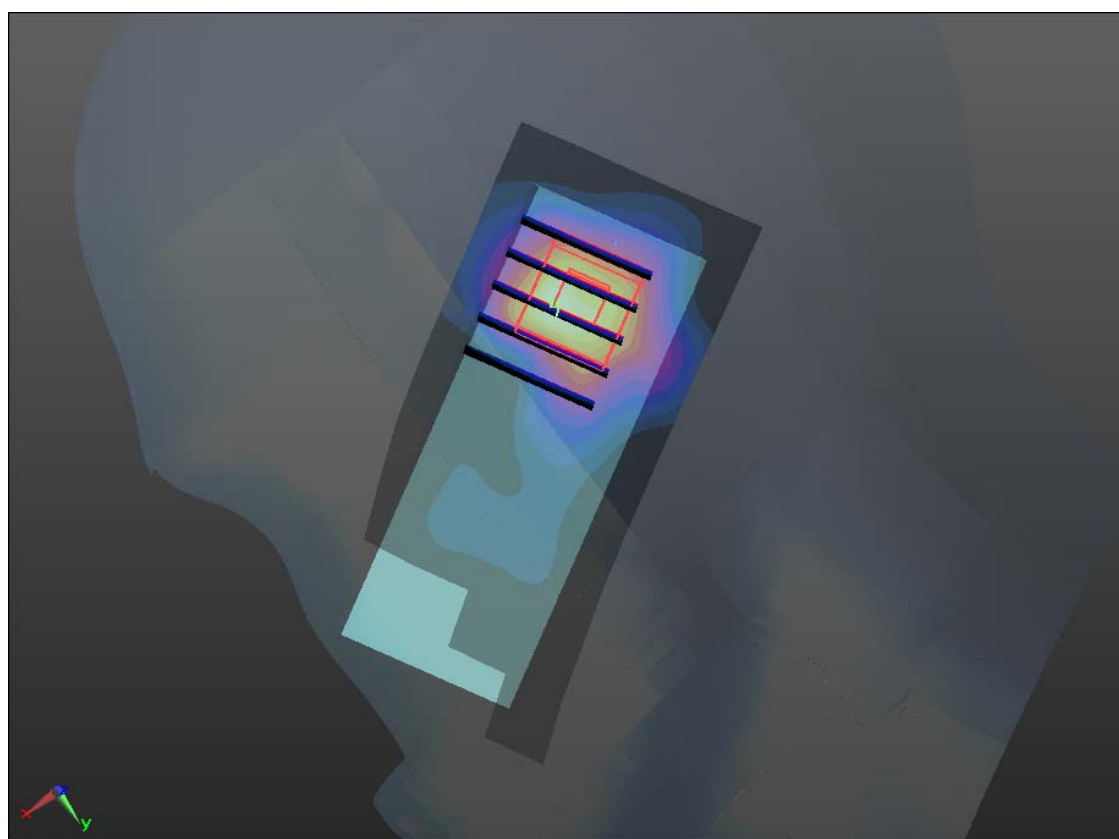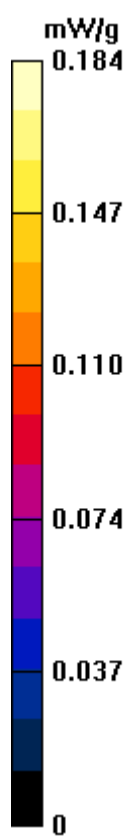Maximum value of SAR (interpolated) = 0.184 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.193 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.145 mW/g

#11 GSM1900_Left Cheek_Ch661_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.222 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.985 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.111 mW/g
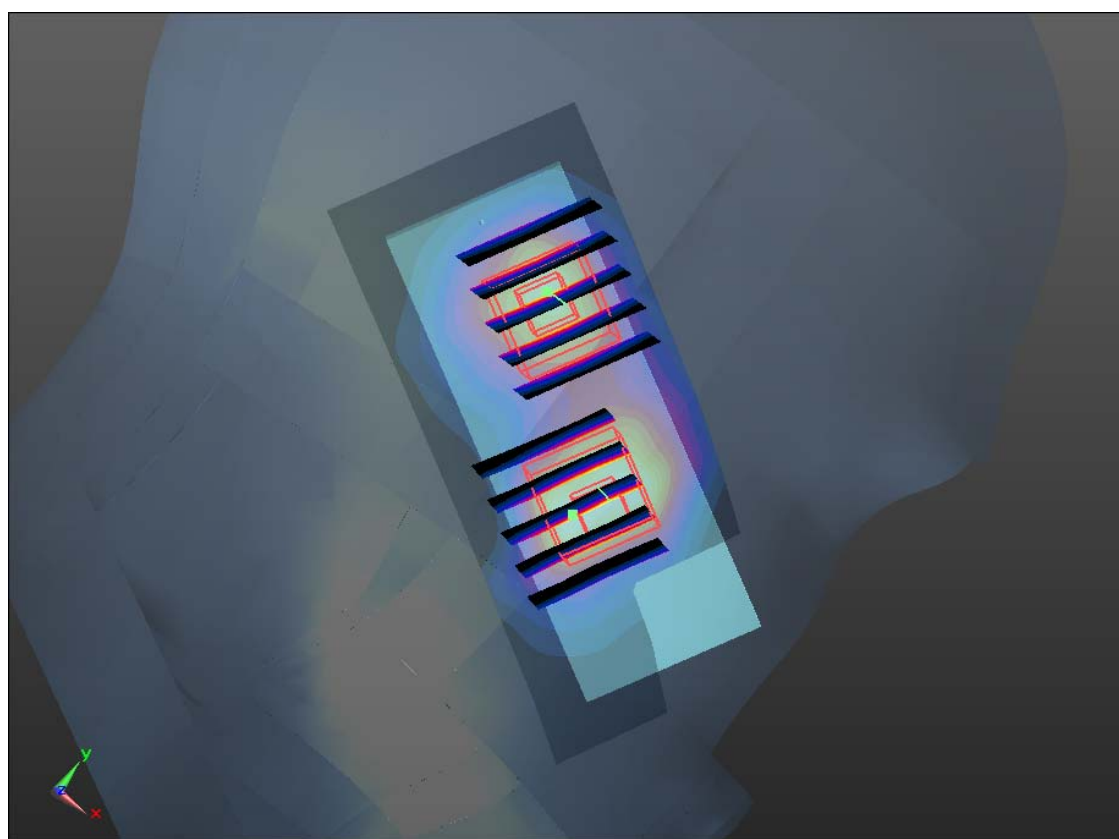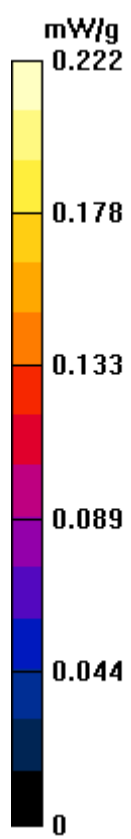Maximum value of SAR (measured) = 0.207 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.985 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.193 mW/g

#12 GSM1900_Left Tilted_Ch661_Slide Up

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
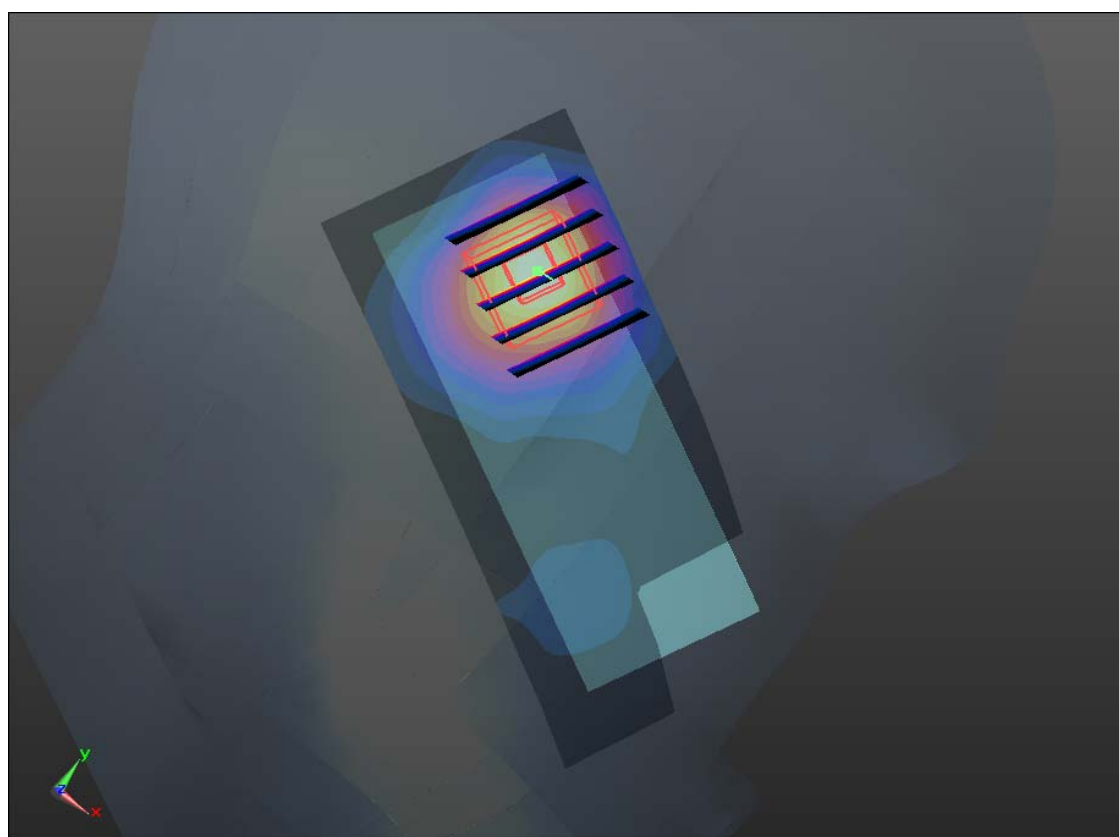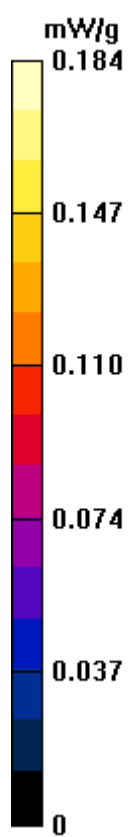Maximum value of SAR (interpolated) = 0.184 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.871 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.178 mW/g

#13 GSM1900_Right Cheek_Ch661_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.124 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.240 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.062 mW/g
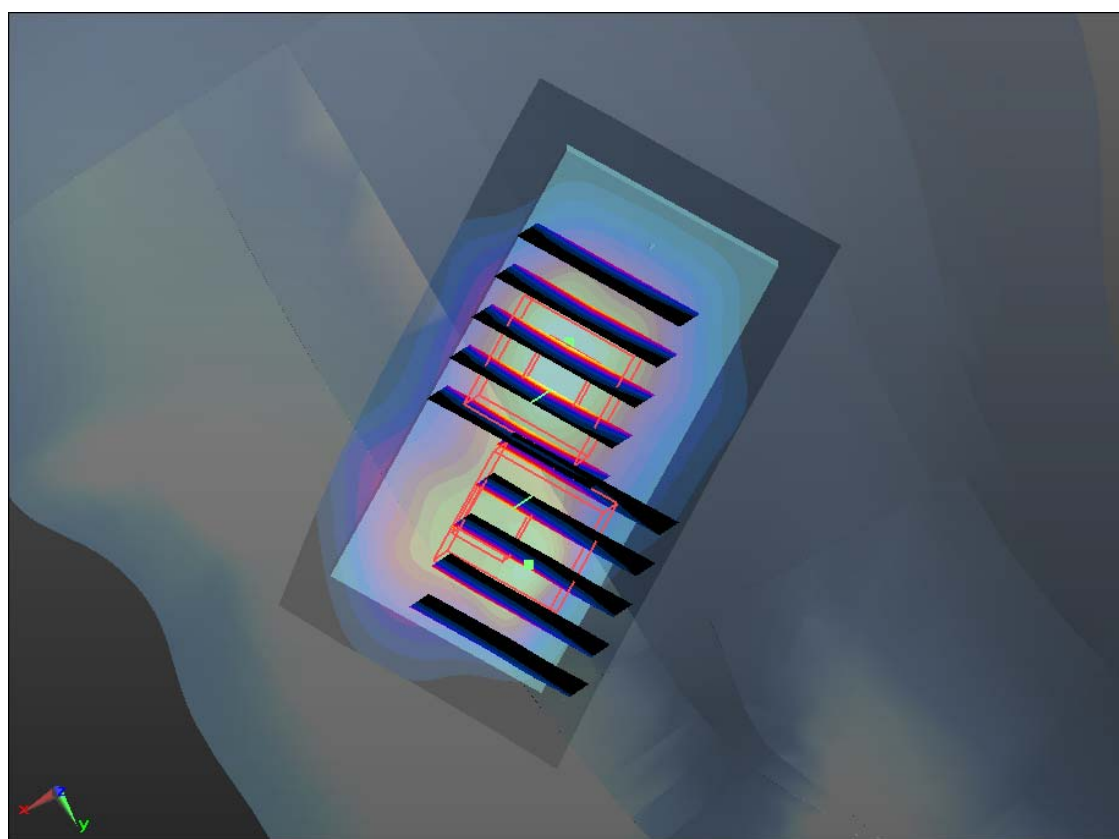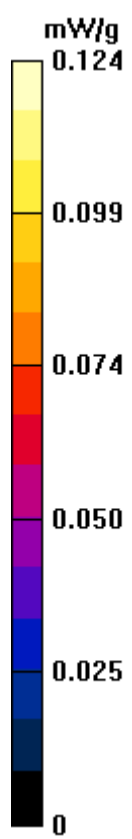Maximum value of SAR (measured) = 0.123 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.240 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.096 mW/g

#14 GSM1900_Right Tilted_Ch661_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
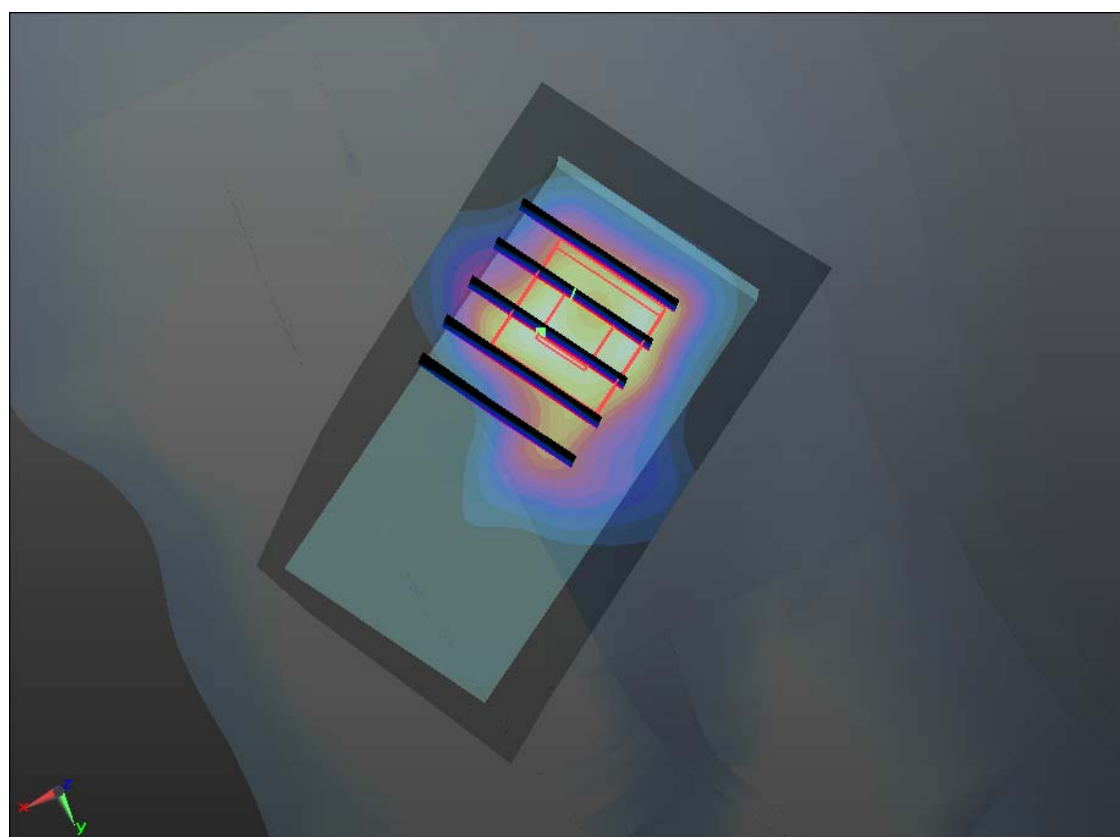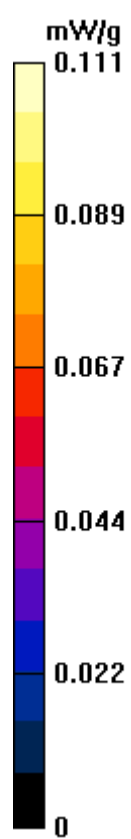Maximum value of SAR (interpolated) = 0.111 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.144 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.086 mW/g

#15 GSM1900_Left Cheek_Ch661_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.139 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.803 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.058 mW/g
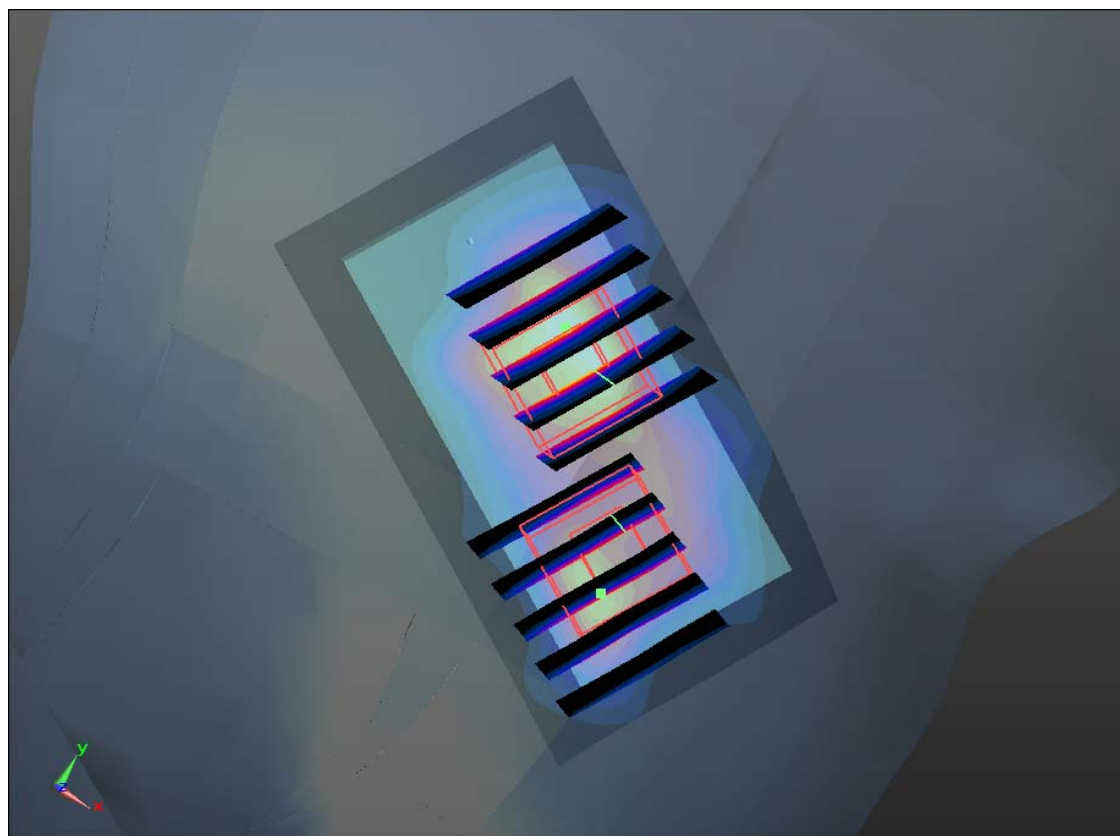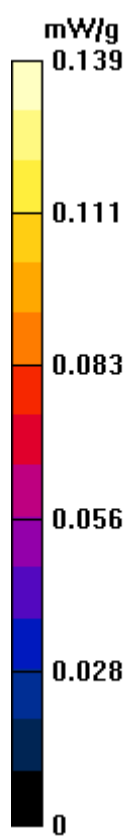Maximum value of SAR (measured) = 0.109 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.803 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.083 mW/g

#16 GSM1900_Left Tilted_Ch661_Slide Down

DUT: 1D0807

Communication System: General GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r =

39.785; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
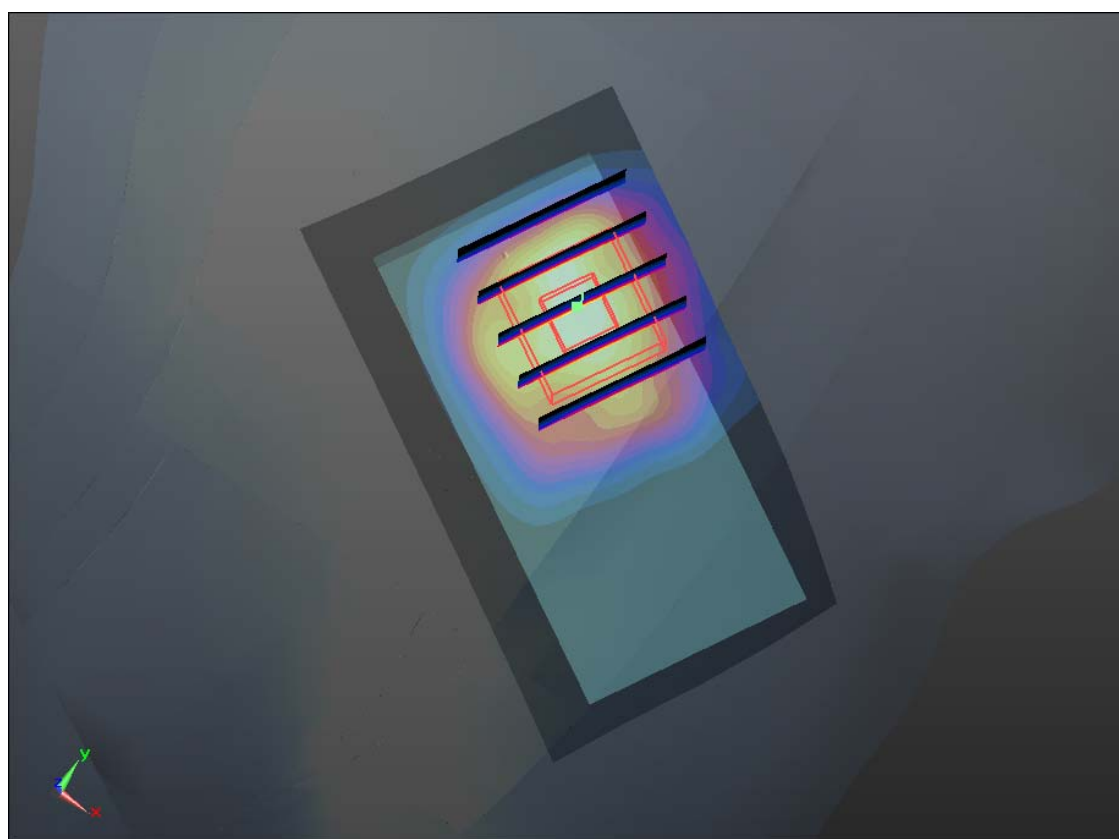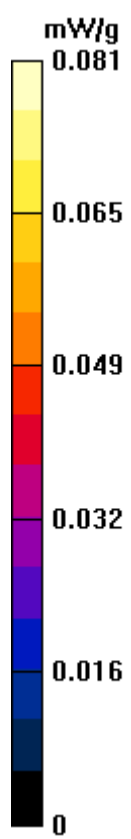Maximum value of SAR (interpolated) = 0.081 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.452 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.077 mW/g

#17 GSM850_GPRS12_Face_1.5cm_Ch128_Slide Down

DUT: 1D0807

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r =

54.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
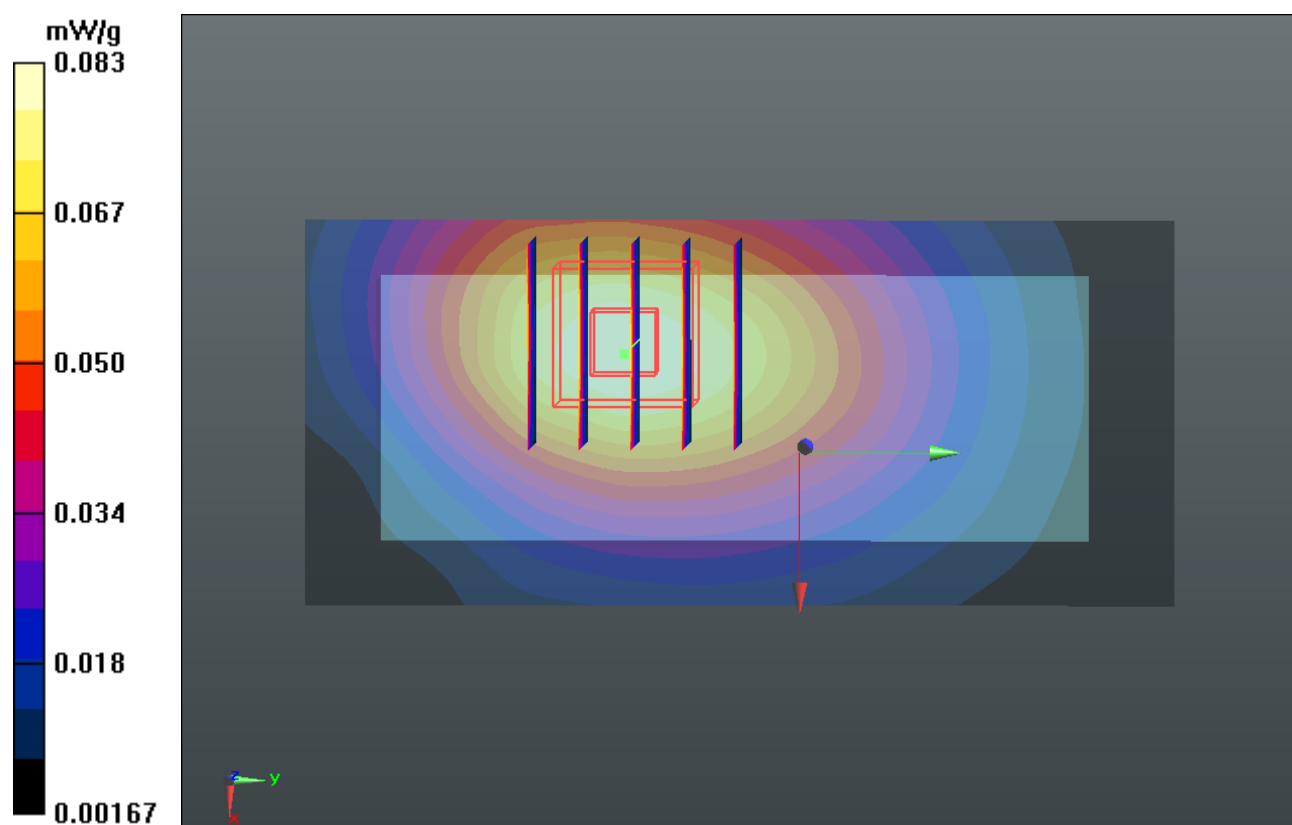Maximum value of SAR (interpolated) = 0.083 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.580 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.078 mW/g

#18 GSM850_GPRS12_Bottom_1.5cm_Ch128_Slide Down

DUT: 1D0807

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r =

54.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
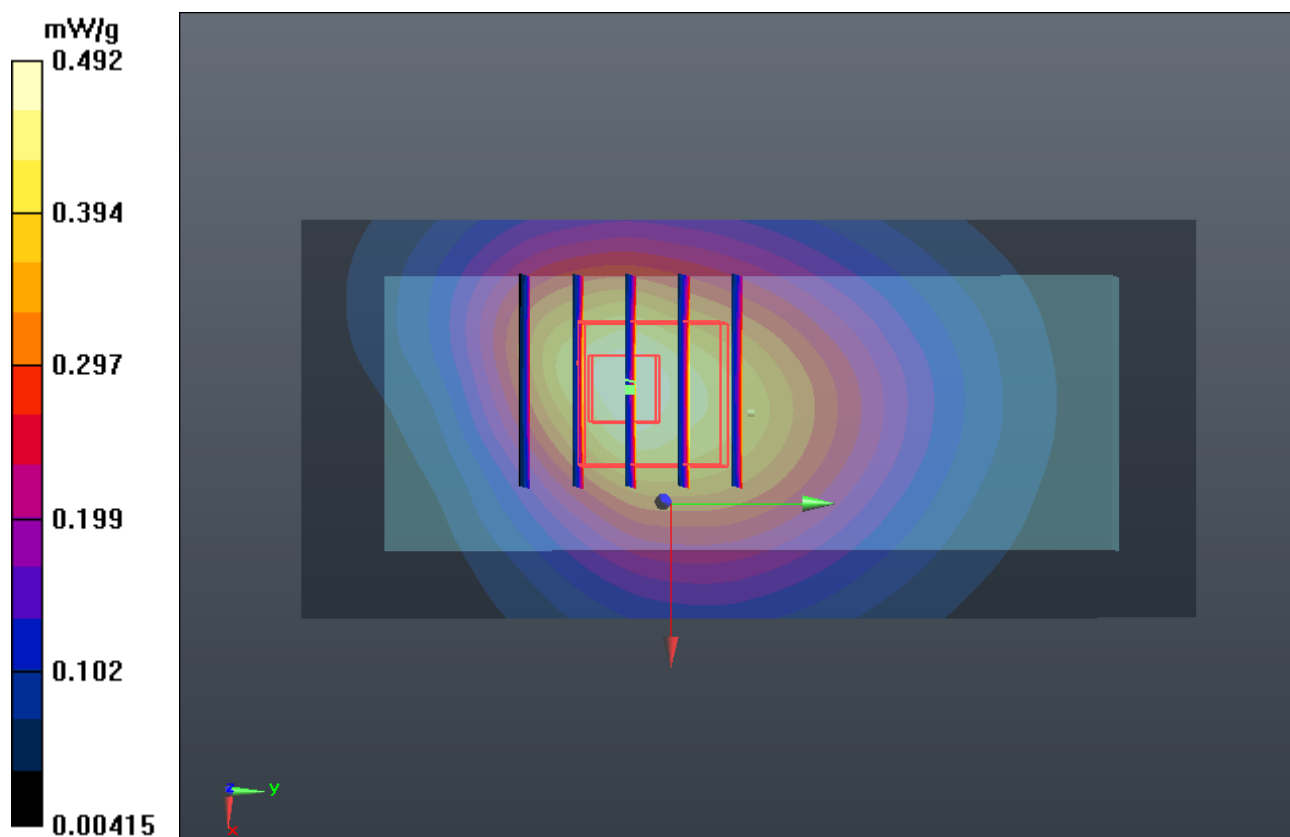Maximum value of SAR (interpolated) = 0.492 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.301 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.296 mW/g
Maximum value of SAR (measured) = 0.453 mW/g

#18 GSM850_GPRS12_Bottom_1.5cm_Ch128_Slide Down_2D

DUT: 1D0807

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_111214 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r = 54.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
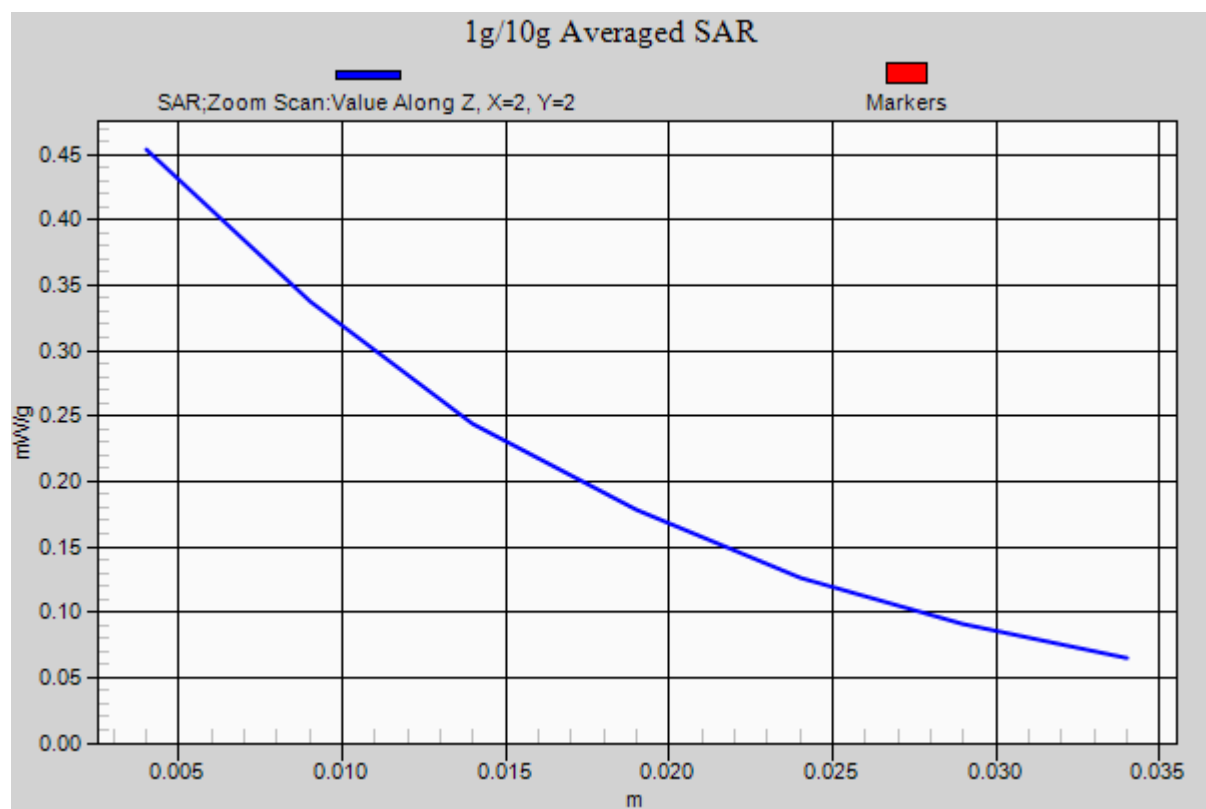Maximum value of SAR (interpolated) = 0.492 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.301 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.296 mW/g
Maximum value of SAR (measured) = 0.453 mW/g

1g/10g Averaged SAR

#19 GSM1900_GPRS12_Face_1.5cm_Ch661_Slide Down

DUT: 1D0807

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz;Duty Cycle: 1:2

Medium: MSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r =

54.594; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
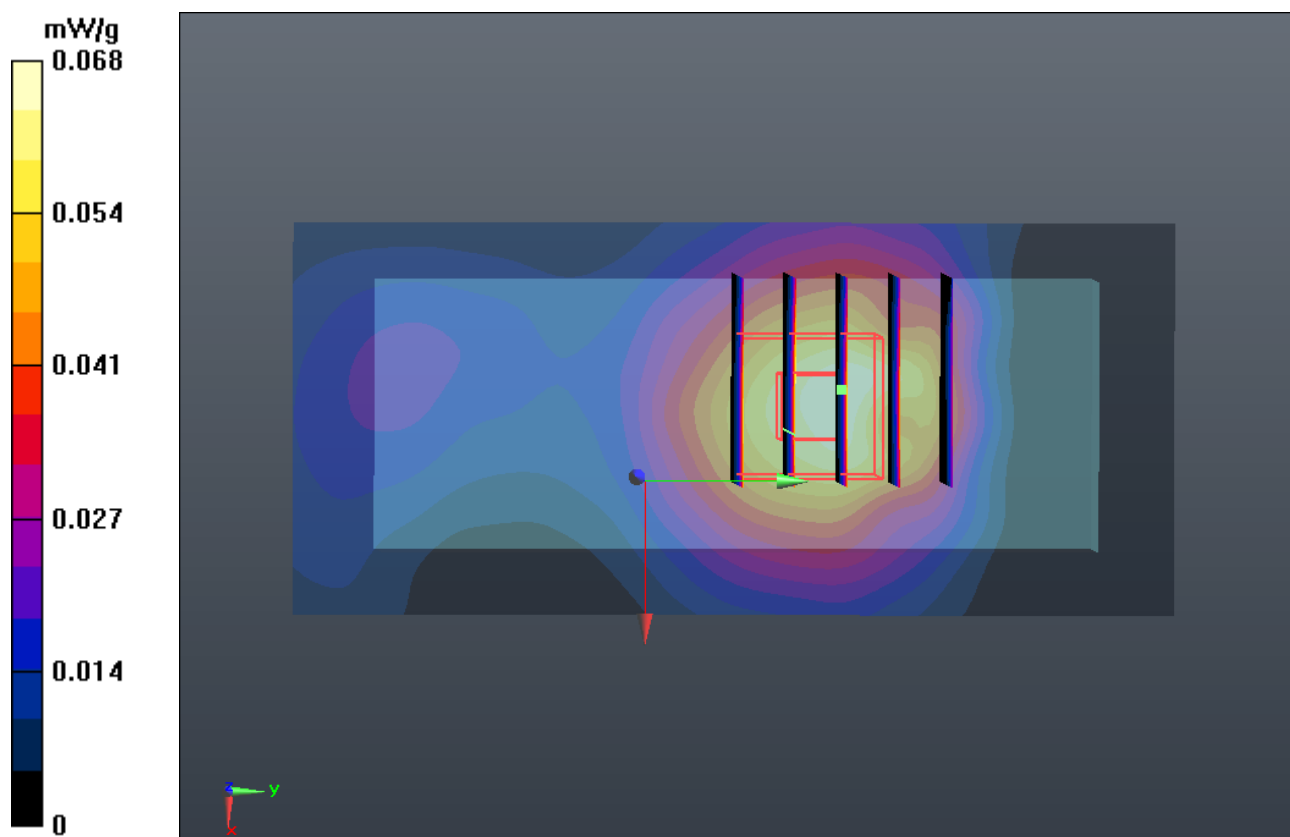Maximum value of SAR (interpolated) = 0.068 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.909 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.060 mW/g

#20 GSM1900_GPRS12_Bottom_1.5cm_Ch661_Slide Down

DUT: 1D0807

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε$_r$ =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.517 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.048 mW/g
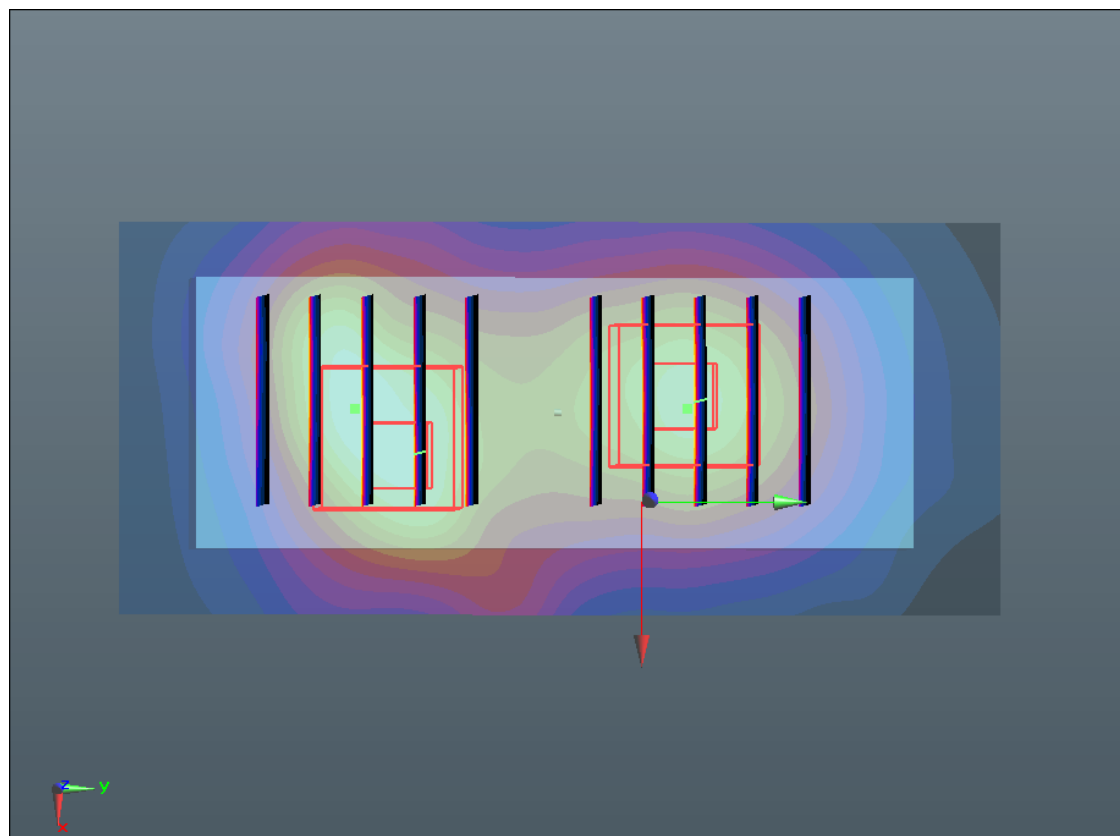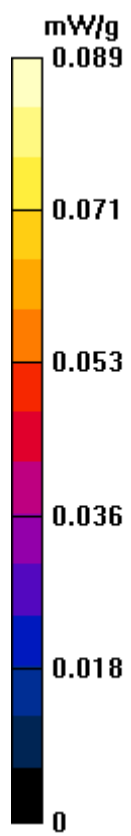Maximum value of SAR (measured) = 0.094 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.517 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.081 mW/g

#20 GSM1900_GPRS12_Bottom_1.5cm_Ch661_Slide Down_2D

DUT: 1D0807

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_111214 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε$_r$ = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.517 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.094 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.517 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.081 mW/g

1g/10g Averaged SAR