System Check_Head_835MHz_120109

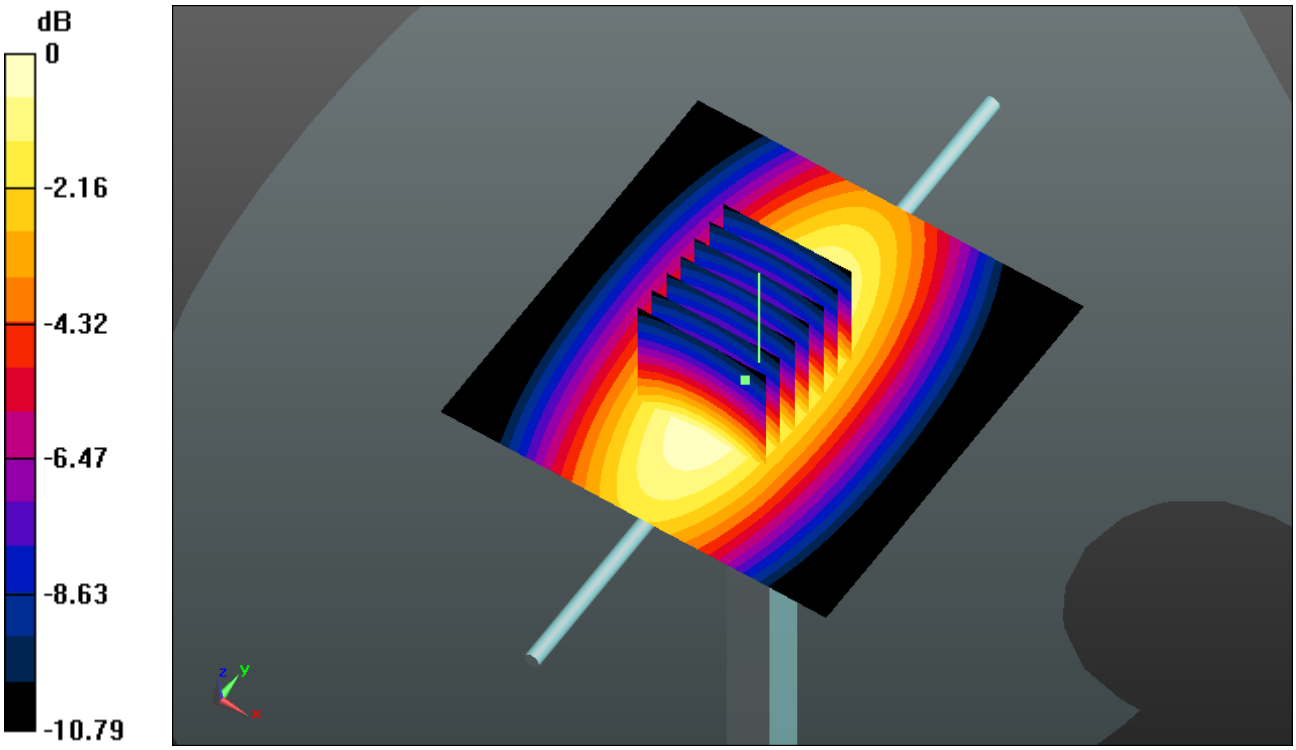
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_120109 Medium parameters used: f = 835 MHz; σ = 0.904 mho/m; ε_r = 41.49; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.530 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.413 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.451 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.46 mW/g
Maximum value of SAR (measured) = 2.429 mW/g



0 dB = 2.430mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-20

System Check_Head_835MHz_120120

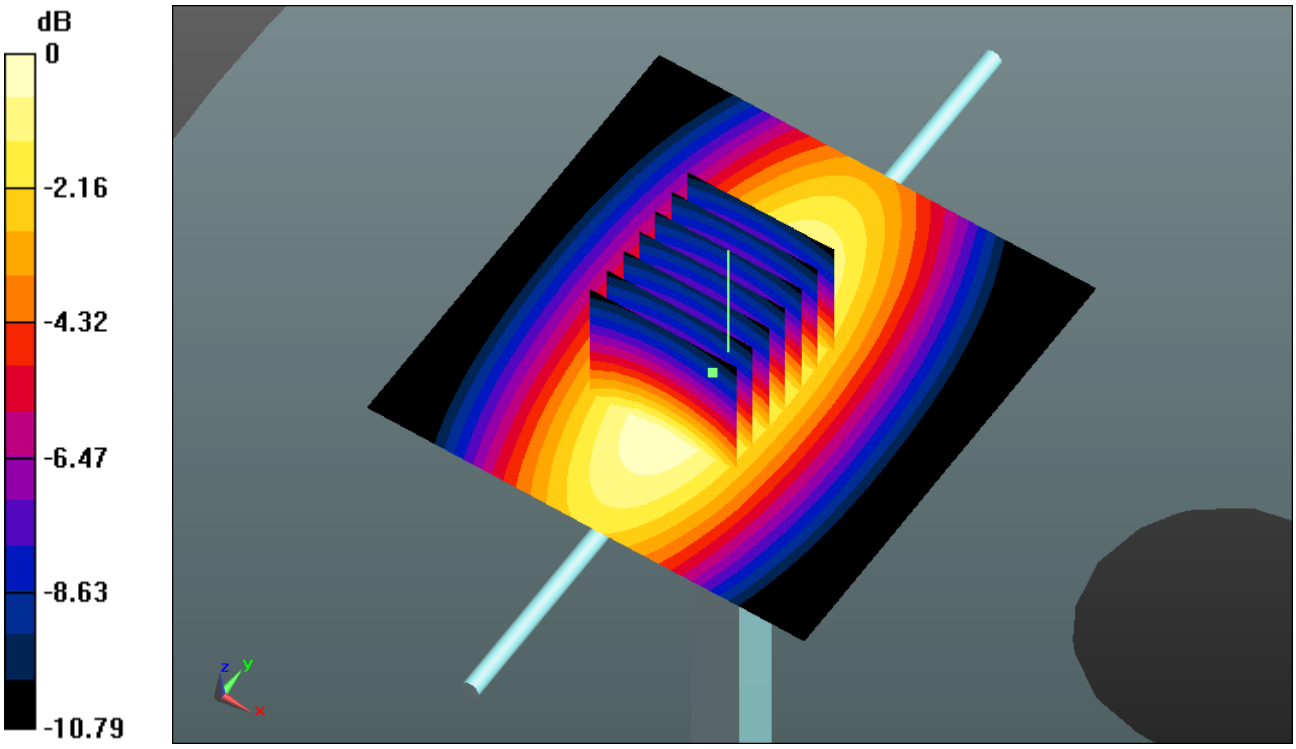
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_120120 Medium parameters used: f = 835 MHz; σ = 0.909 mho/m; ε_r = 41.695; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.544 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.413 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.469 W/kg
SAR(1 g) = 2.26 mW/g; SAR(10 g) = 1.47 mW/g
Maximum value of SAR (measured) = 2.442 mW/g



0 dB = 2.440mW/g

System Check_Body_835MHz_120105

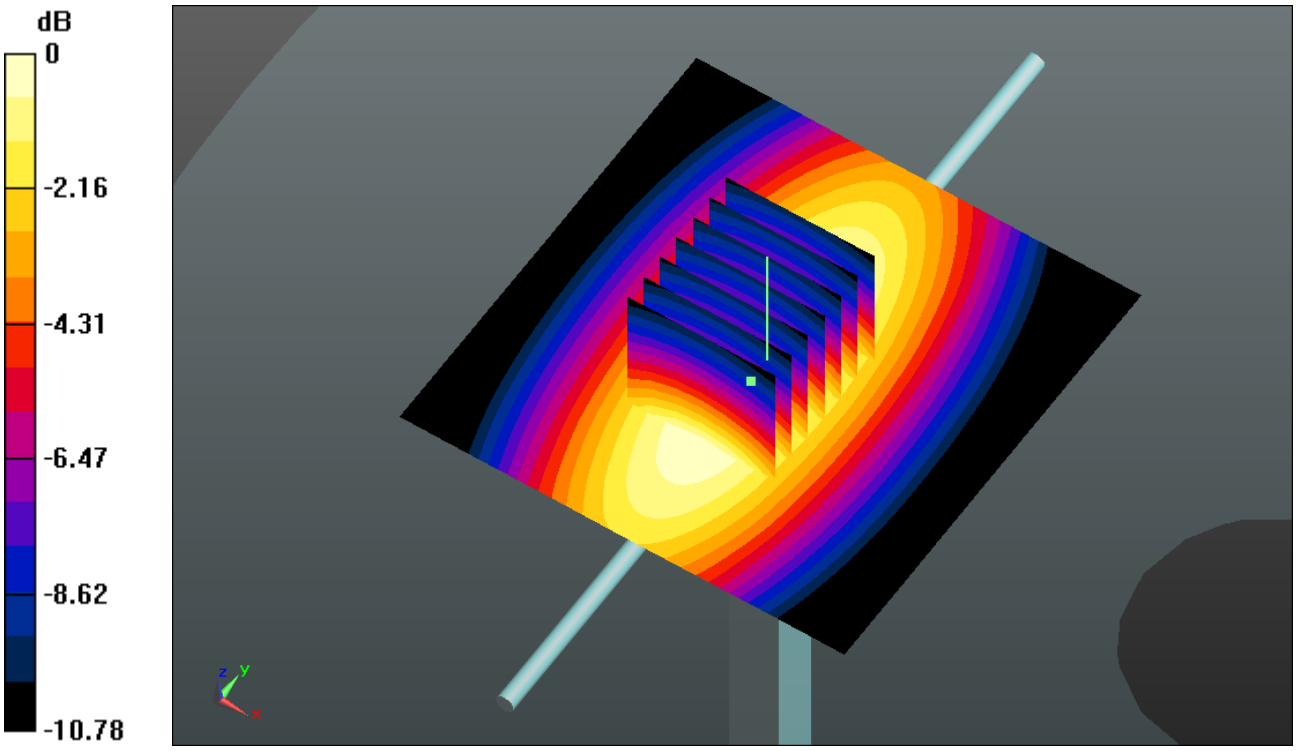
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 835 MHz; σ = 0.976 mho/m; ε_r = 54.388; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.662 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.758 V/m; Power Drift = -0.0029 dB
Peak SAR (extrapolated) = 3.638 W/kg
SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (measured) = 2.566 mW/g



0 dB = 2.560mW/g

System Check_Body_835MHz_120119

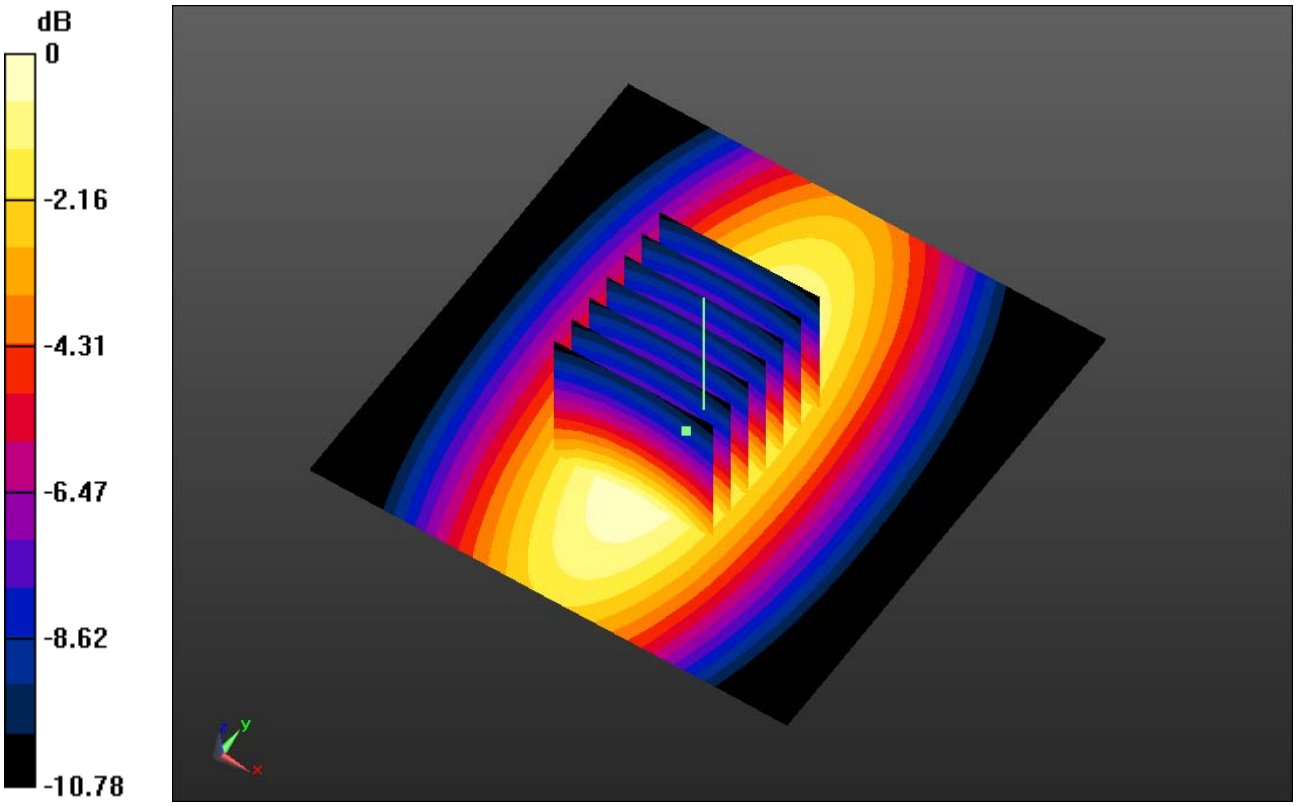
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_120119 Medium parameters used: f = 835 MHz; σ = 0.977 mho/m; ε_r = 54.388; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.663 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.731 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.627 W/kg
SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.54 mW/g
Maximum value of SAR (measured) = 2.556 mW/g



0 dB = 2.560mW/g

System Check_Body_835MHz_120120

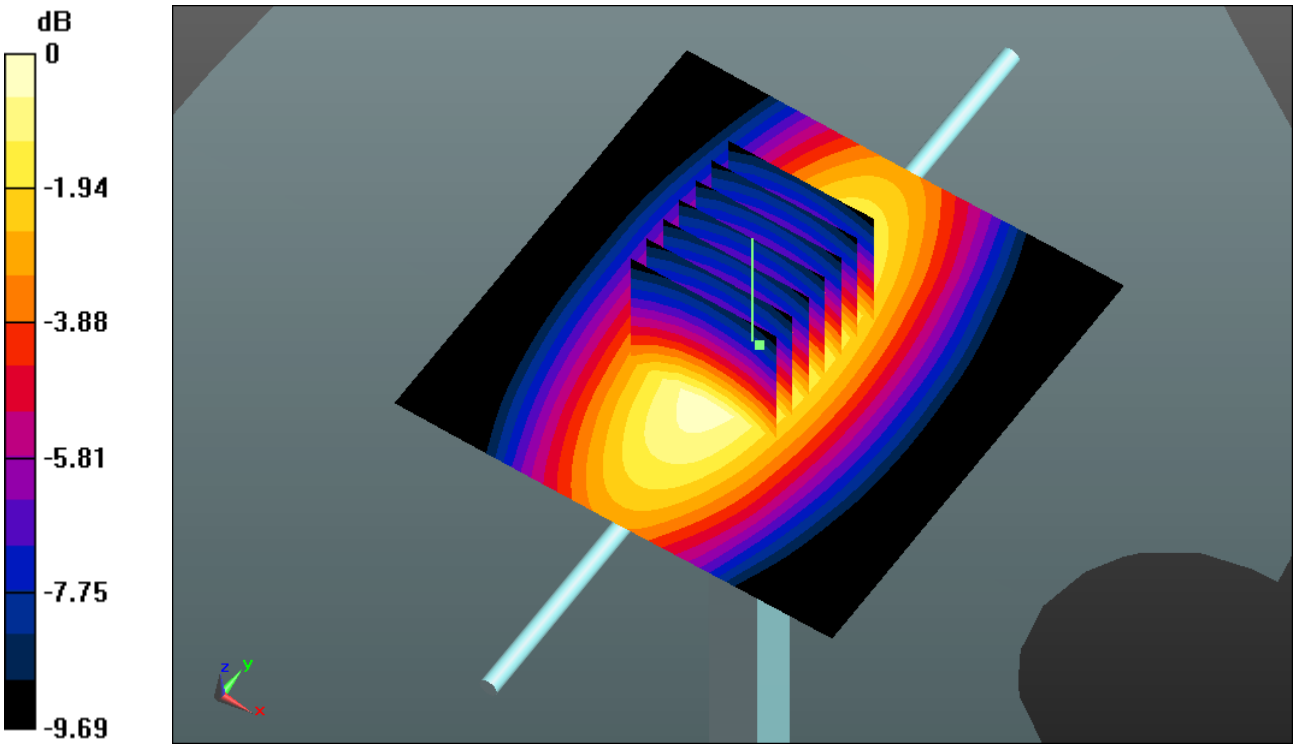
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 835 MHz; σ = 0.976 mho/m; ε_r = 54.382; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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: 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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.472 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.637 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.375 W/kg
SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.53 mW/g
Maximum value of SAR (measured) = 2.477 mW/g



0 dB = 2.480mW/g

System Check_Body_835MHz_120207

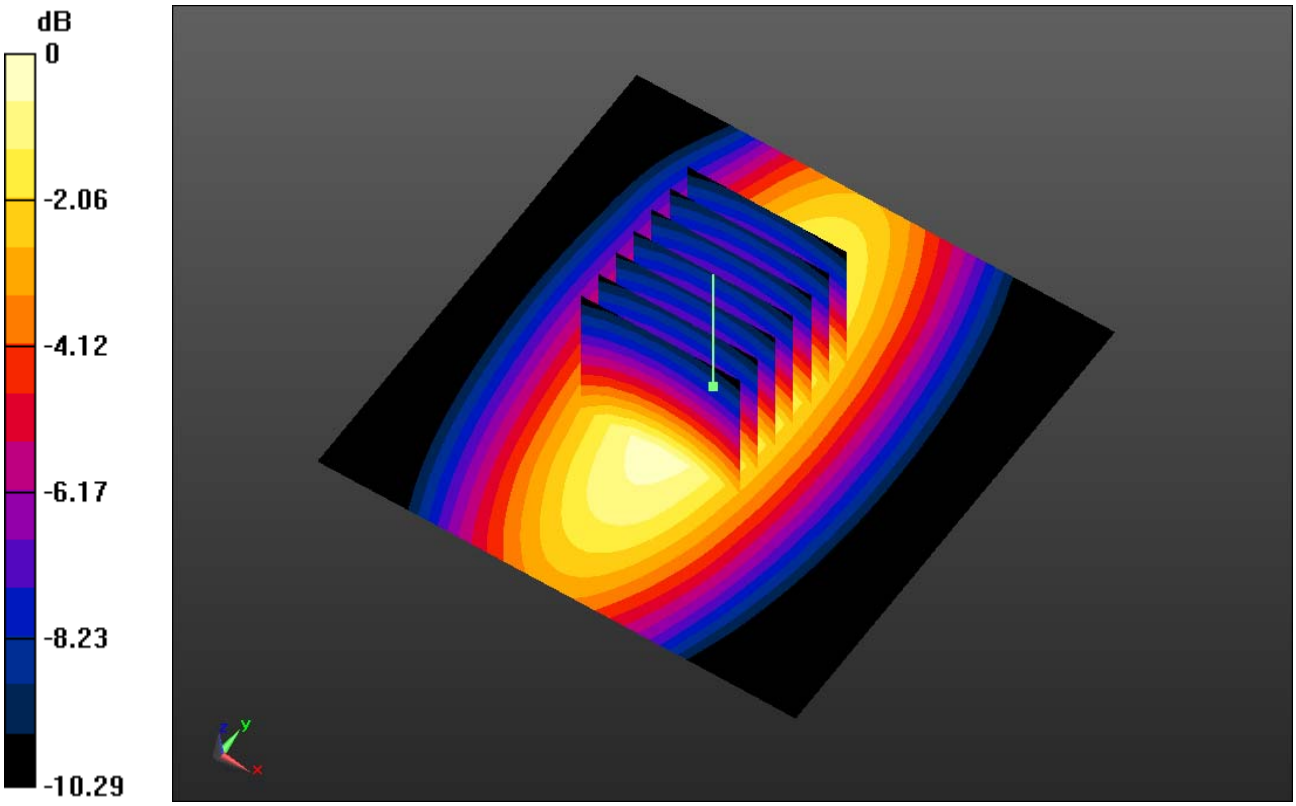
DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_120207 Medium parameters used: f = 835 MHz; σ = 0.976 mho/m; ε_r = 54.369; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.469 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.154 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.442 W/kg
SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.5 mW/g
Maximum value of SAR (measured) = 2.474 mW/g



0 dB = 2.470mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-9

System Check_Head_1750MHz_120109

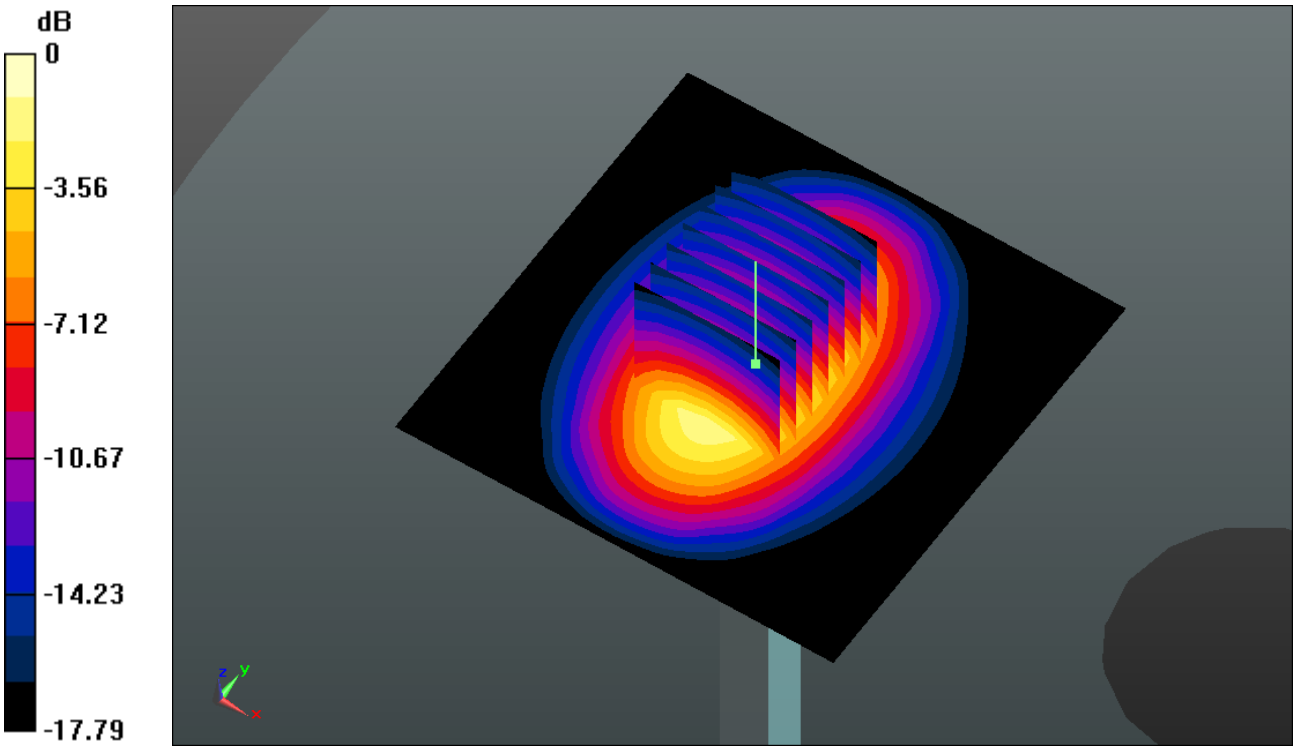
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1800 MHz; σ = 1.435 mho/m; ε_r = 41.118; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.250 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.646 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.143 W/kg
SAR(1 g) = 9.01 mW/g; SAR(10 g) = 4.64 mW/g
Maximum value of SAR (measured) = 10.138 mW/g



0 dB = 10.140mW/g

System Check_Head_1750MHz_120110

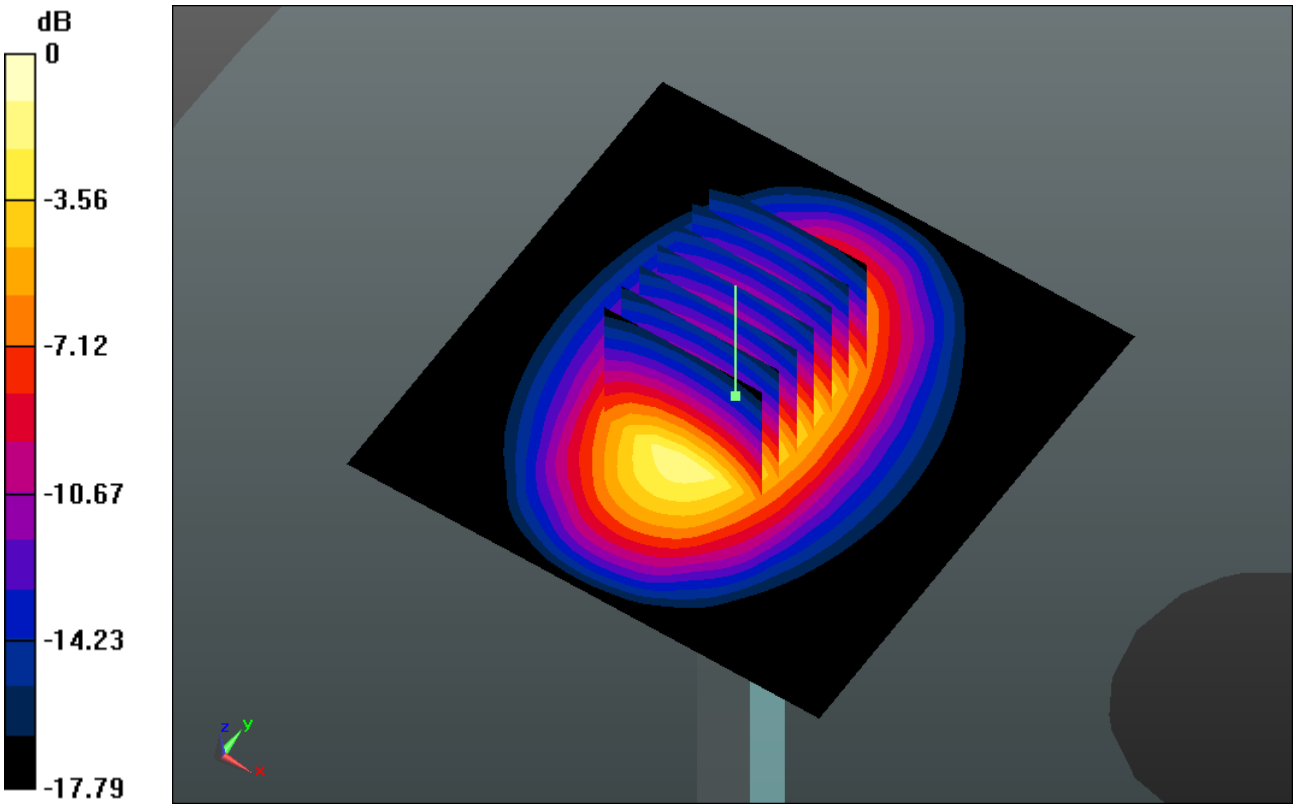
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120110 Medium parameters used: f = 1800 MHz; σ = 1.433 mho/m; ε_r = 41.135; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.239 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.646 V/m; Power Drift = 0.000022 dB
Peak SAR (extrapolated) = 17.125 W/kg
SAR(1 g) = 9 mW/g; SAR(10 g) = 4.64 mW/g
Maximum value of SAR (measured) = 10.127 mW/g



0 dB = 10.130mW/g

System Check_Head_1750MHz_120111

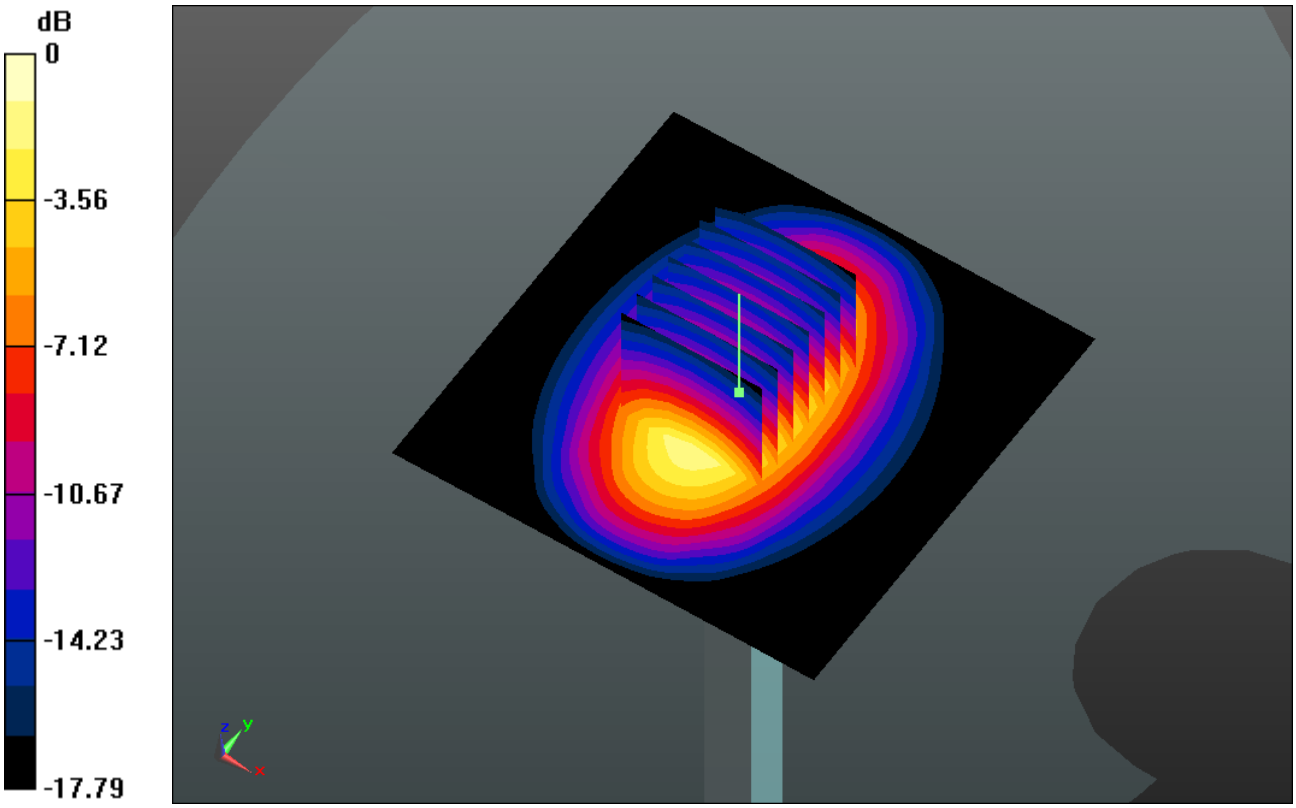
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120111 Medium parameters used: f = 1800 MHz; σ = 1.425 mho/m; ε_r = 39.826; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.183 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.646 V/m; Power Drift = 0.000063 dB
Peak SAR (extrapolated) = 17.030 W/kg
SAR(1 g) = 8.95 mW/g; SAR(10 g) = 4.61 mW/g
Maximum value of SAR (measured) = 10.071 mW/g



0 dB = 10.070mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-20

System Check_Head_1750MHz_120120

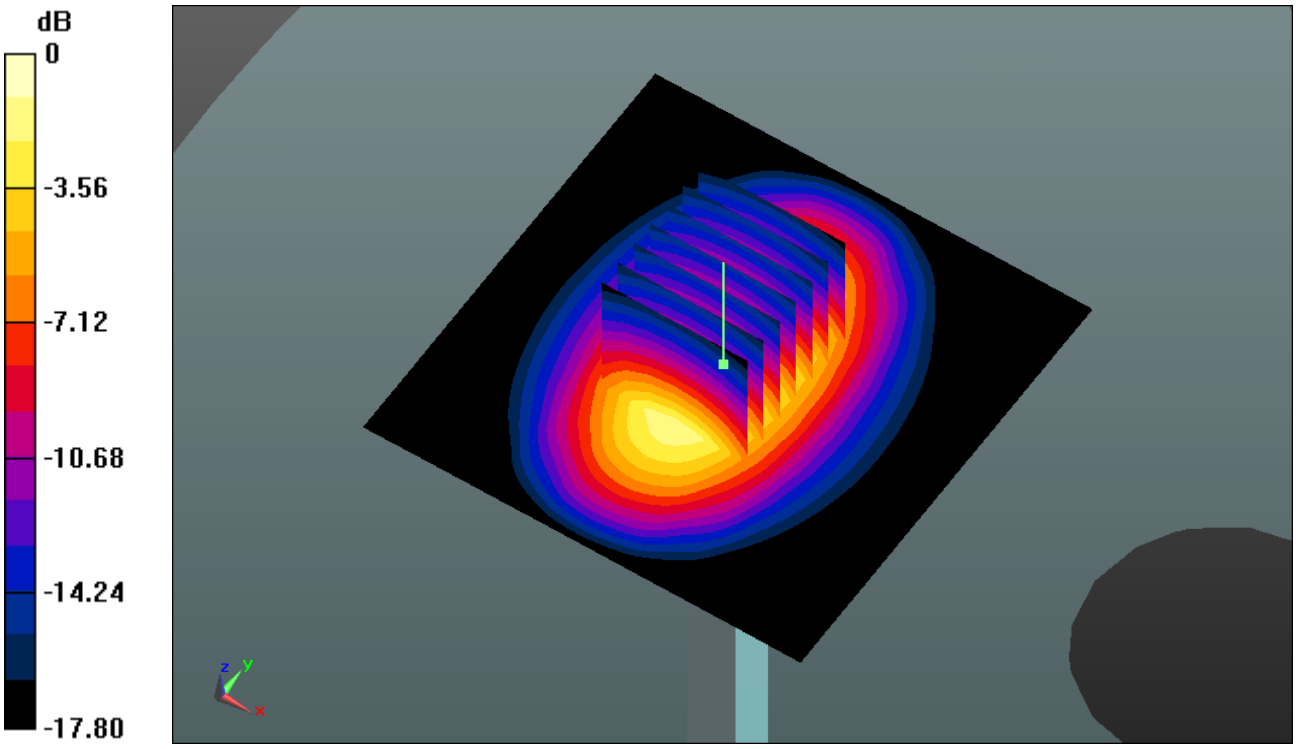
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120120 Medium parameters used: f = 1800 MHz; σ = 1.412 mho/m; ε_r = 40.129; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.584 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.839 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.635 W/kg
SAR(1 g) = 9.28 mW/g; SAR(10 g) = 4.79 mW/g
Maximum value of SAR (measured) = 10.454 mW/g



0 dB = 10.450mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-2-20

System Check_Head_1750MHz_120220

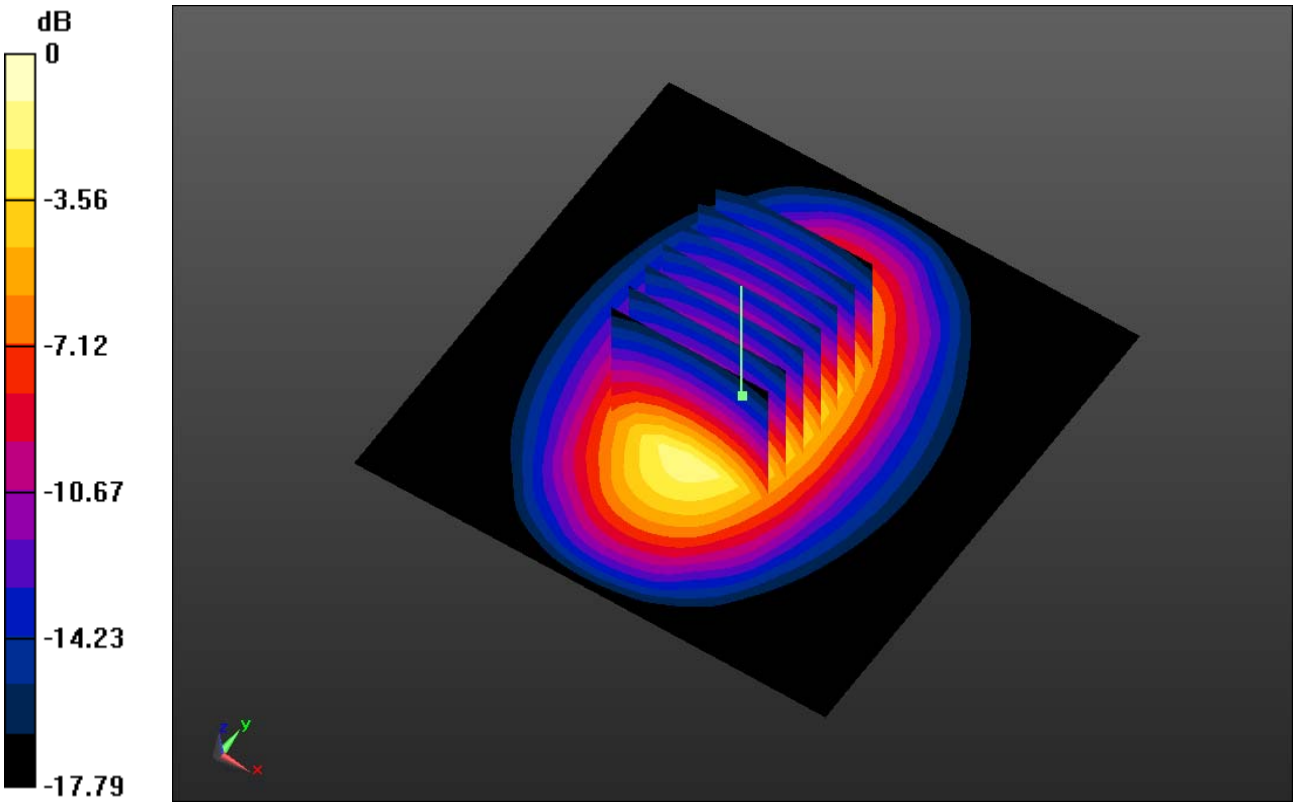
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1800_120220 Medium parameters used: f = 1750 MHz; σ = 1.42 mho/m; ε_r = 41.312; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.401 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.646 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.395 W/kg
SAR(1 g) = 9.14 mW/g; SAR(10 g) = 4.71 mW/g
Maximum value of SAR (measured) = 10.287 mW/g



0 dB = 10.290mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-4

System Check_Body_1750MHz_120104

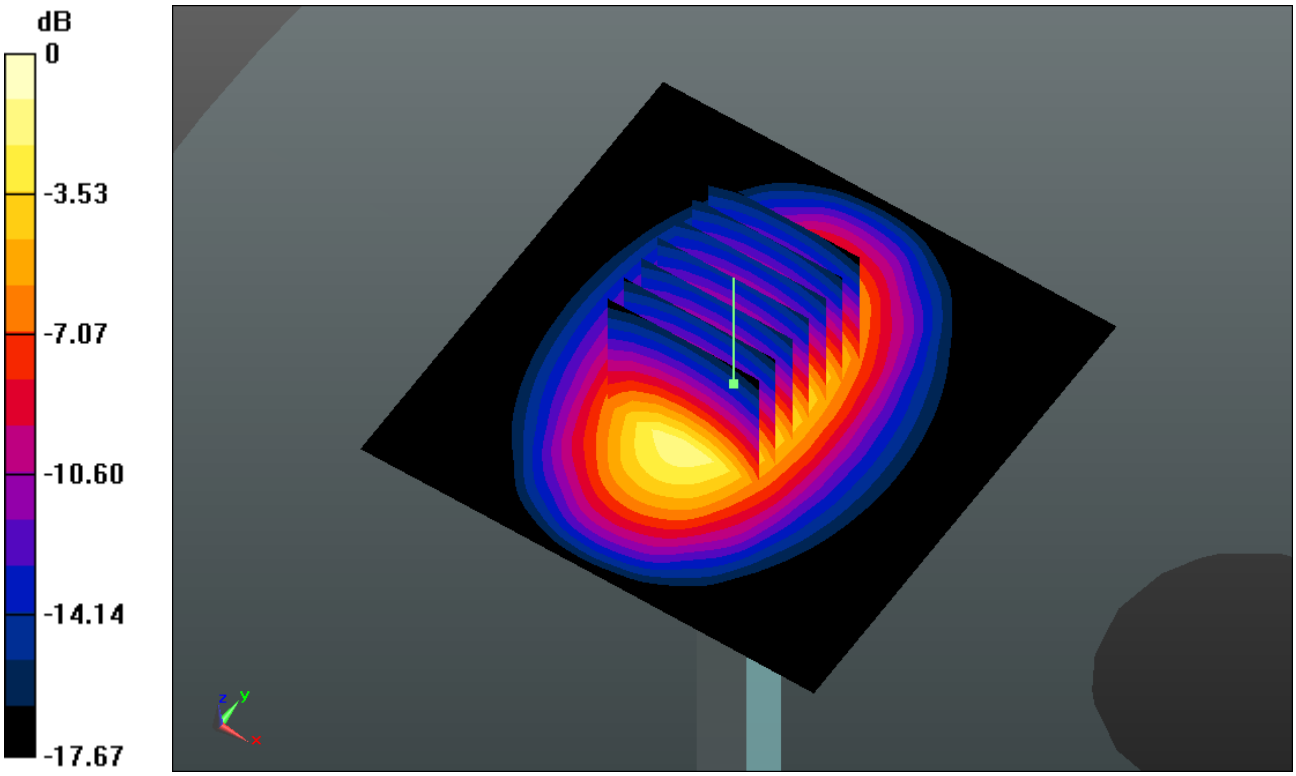
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1800 MHz; σ = 1.503 mho/m; ε_r = 55.462; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.477 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.683 V/m; Power Drift = 0.00012 dB
Peak SAR (extrapolated) = 19.283 W/kg
SAR(1 g) = 9.86 mW/g; SAR(10 g) = 5.19 mW/g
Maximum value of SAR (measured) = 11.356 mW/g



0 dB = 11.360mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-5

System Check_Body_1750MHz_120105

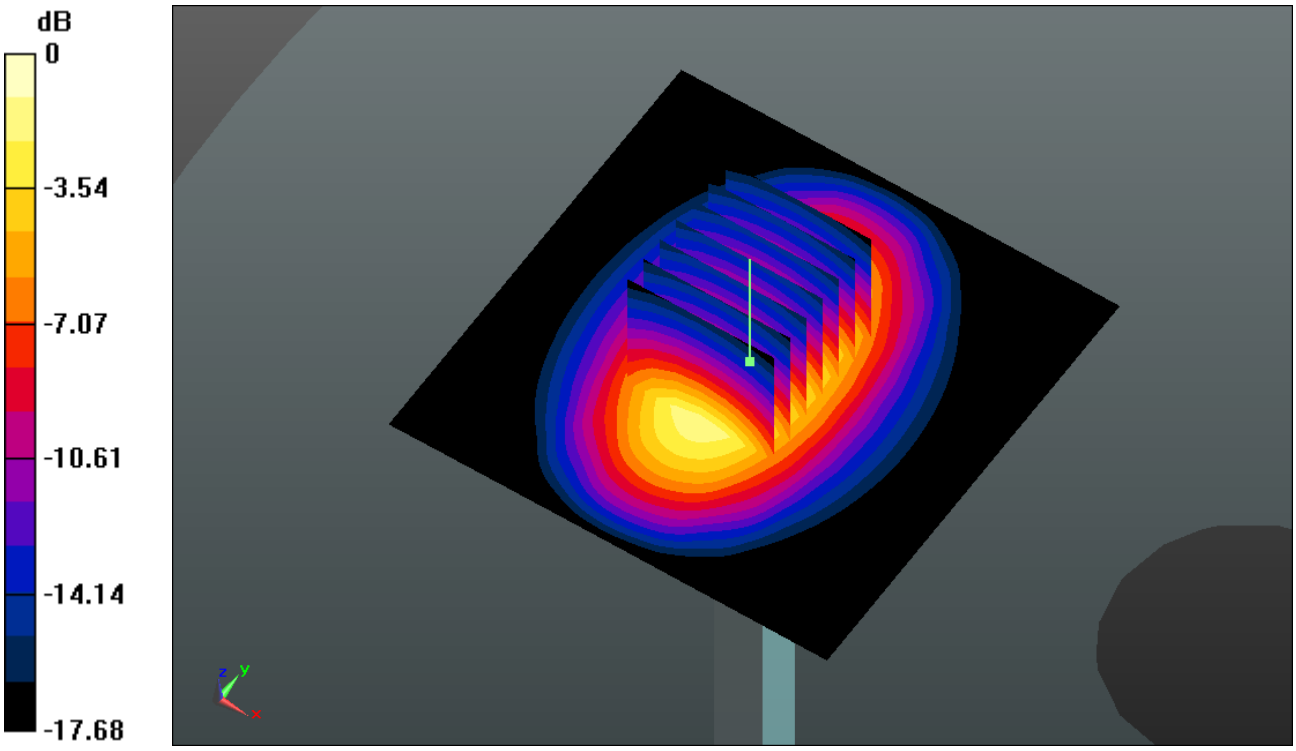
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1800 MHz; σ = 1.474 mho/m; ε_r = 55.376; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.758 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.804 V/m; Power Drift = -0.00023 dB
Peak SAR (extrapolated) = 19.754 W/kg
SAR(1 g) = 9.33 mW/g; SAR(10 g) = 5.31 mW/g
Maximum value of SAR (measured) = 11.633 mW/g



0 dB = 11.630mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-6

System Check_Body_1750MHz_120106

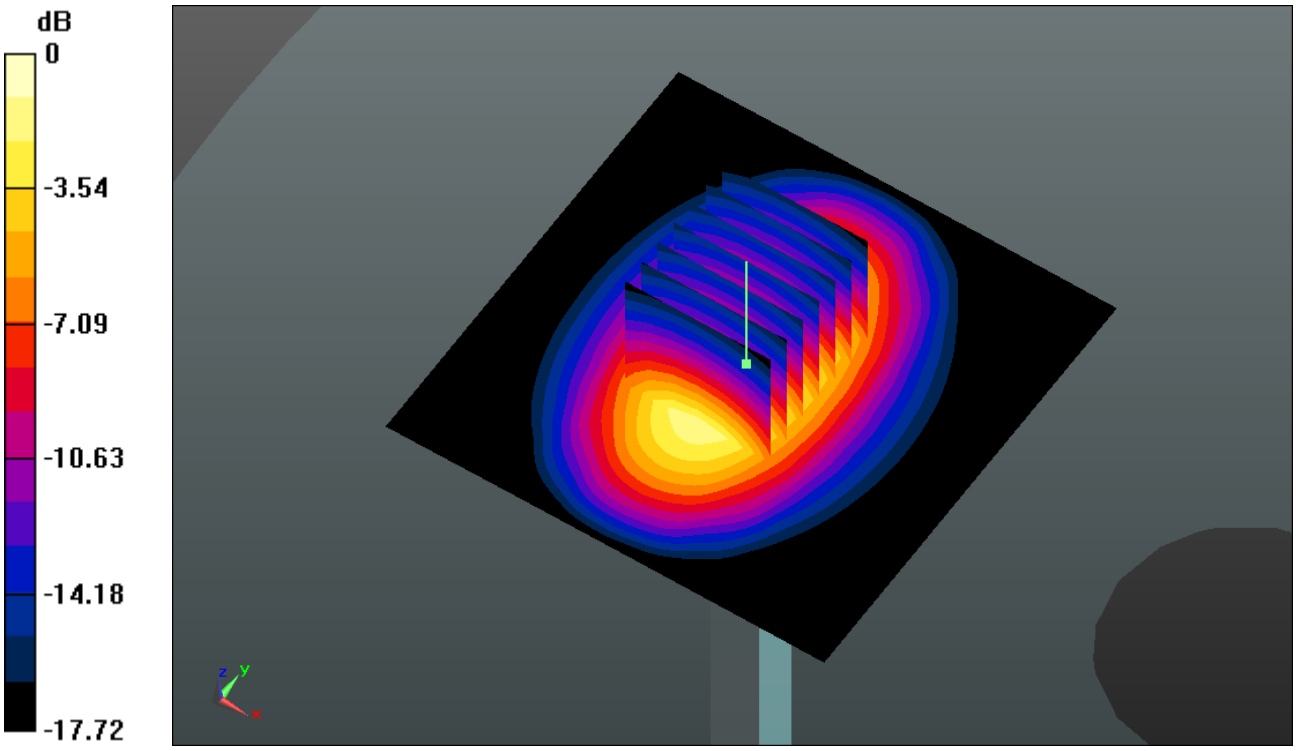
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120106 Medium parameters used: f = 1800 MHz; σ = 1.562 mho/m; ε_r = 55.116; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.252 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.821 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.843 W/kg
SAR(1 g) = 9.87 mW/g; SAR(10 g) = 5.08 mW/g
Maximum value of SAR (measured) = 11.110 mW/g



0 dB = 11.110mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-7

System Check_Body_1750MHz_120107

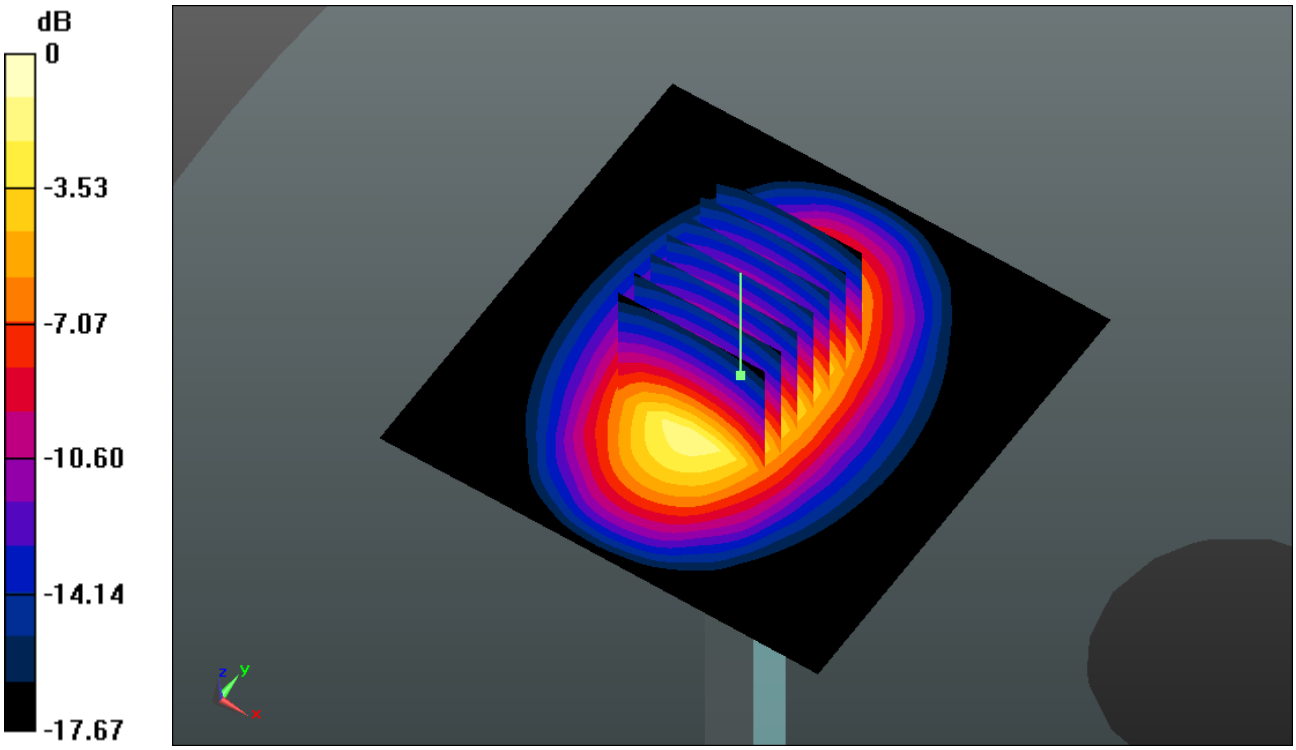
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1800 MHz; σ = 1.56 mho/m; ε_r = 50.806; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.383 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.683 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 19.125 W/kg
SAR(1 g) = 9.83 mW/g; SAR(10 g) = 5.15 mW/g
Maximum value of SAR (measured) = 11.263 mW/g



0 dB = 11.260mW/g

System Check_Body_1750MHz_120120

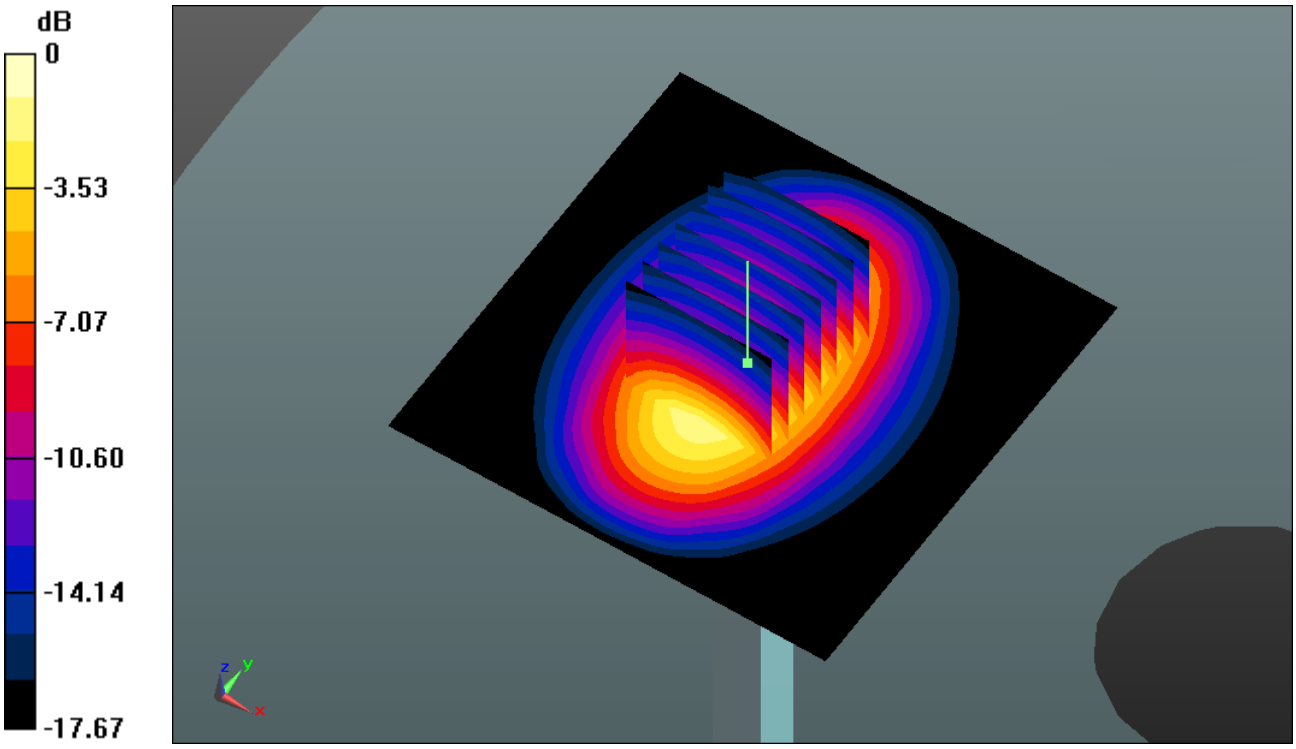
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1800 MHz; σ = 1.472 mho/m; ε_r = 55.459; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.285 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 80.033 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.280 W/kg
SAR(1 g) = 9.03 mW/g; SAR(10 g) = 4.63 mW/g
Maximum value of SAR (measured) = 10.151 mW/g



0 dB = 10.150mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-02-06

System Check_Body_1750MHz_120206

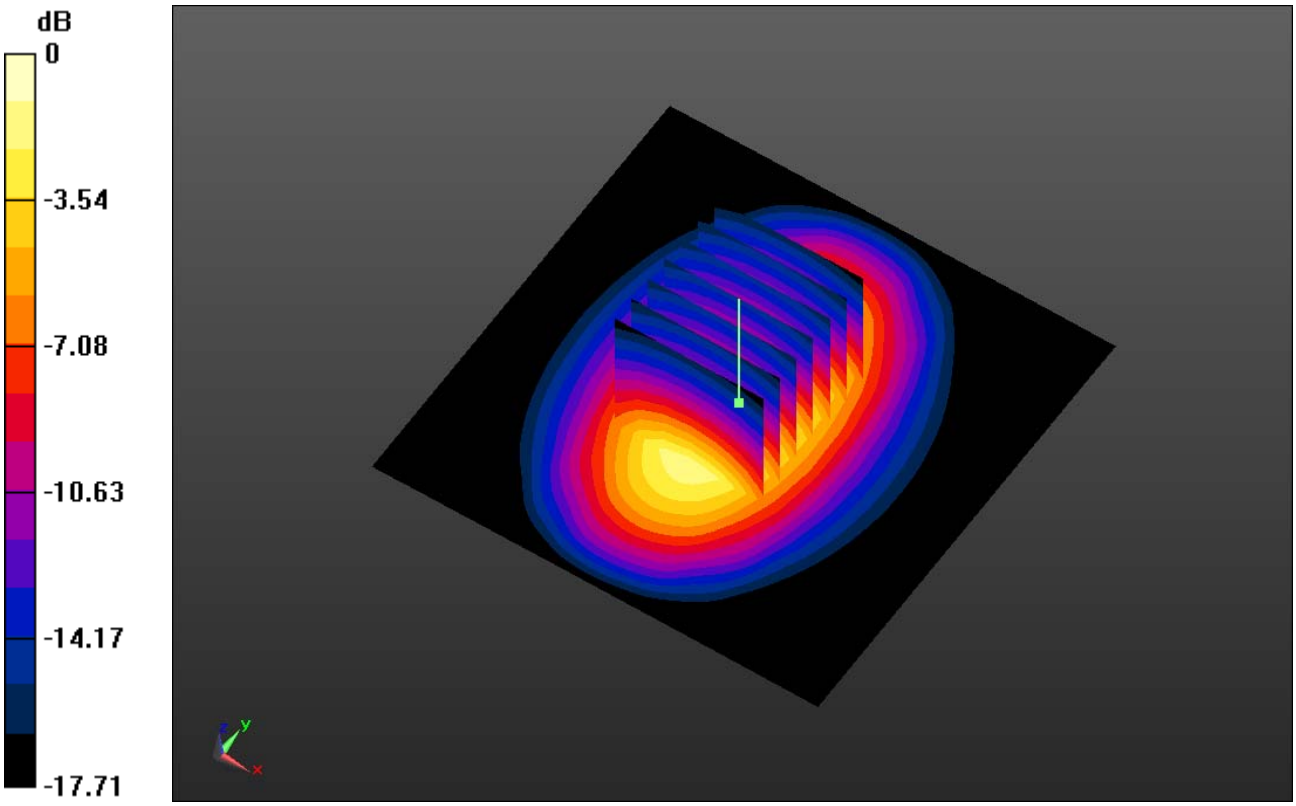
DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120206 Medium parameters used: f = 1800 MHz; σ = 1.558 mho/m; ε_r = 55.398; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.074 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 79.143 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.921 W/kg
SAR(1 g) = 9.87 mW/g; SAR(10 g) = 4.94 mW/g
Maximum value of SAR (measured) = 10.395 mW/g



0 dB = 9.990mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-7

System Check_Head_1900MHz_120107

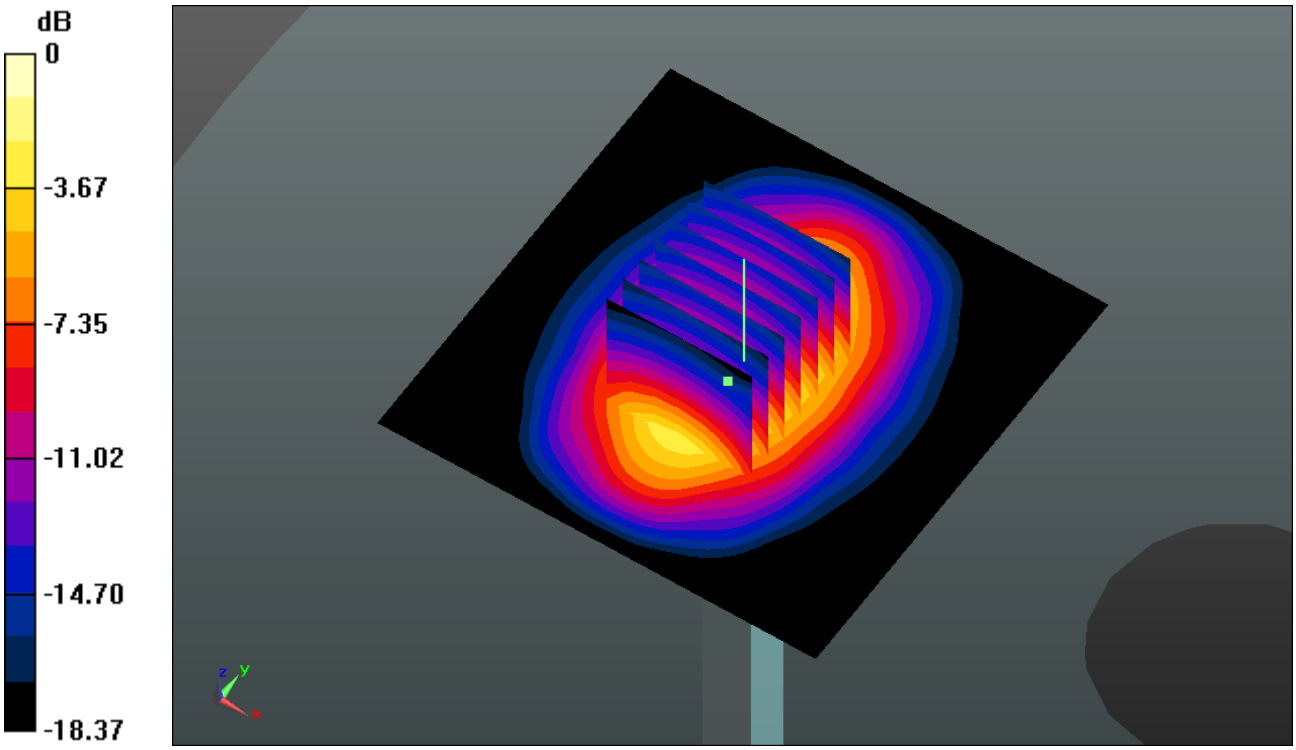
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120107 Medium parameters used: f = 1900 MHz; σ = 1.446 mho/m; ε_r = 39.09; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.559 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.253 V/m; Power Drift = -0.0036 dB
Peak SAR (extrapolated) = 19.358 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.25 mW/g
Maximum value of SAR (measured) = 11.472 mW/g



0 dB = 11.470mW/g

System Check_Head_1900MHz_120108

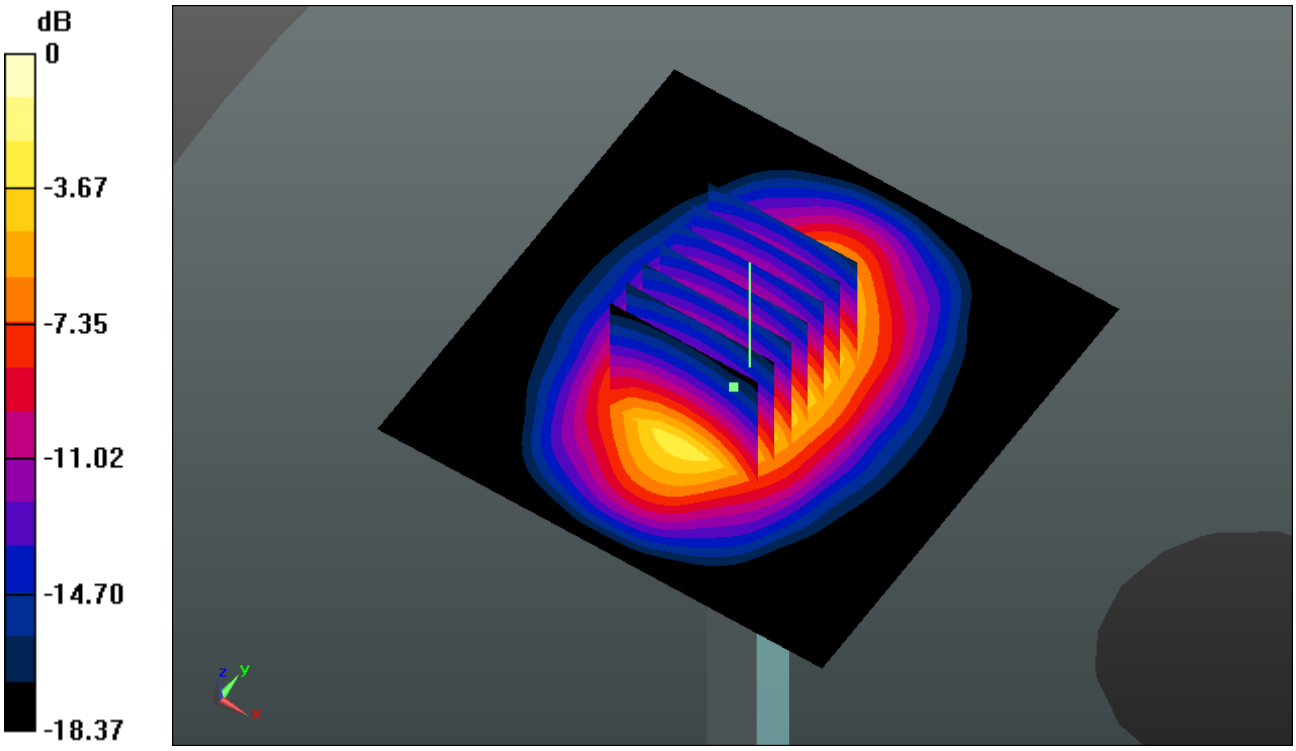
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1900 MHz; σ = 1.412 mho/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.014 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.229 V/m; Power Drift = 0.0064 dB
Peak SAR (extrapolated) = 18.470 W/kg
SAR(1 g) = 9.75 mW/g; SAR(10 g) = 5.01 mW/g
Maximum value of SAR (measured) = 10.977 mW/g



0 dB = 10.980mW/g

System Check_Head_1900MHz_120109

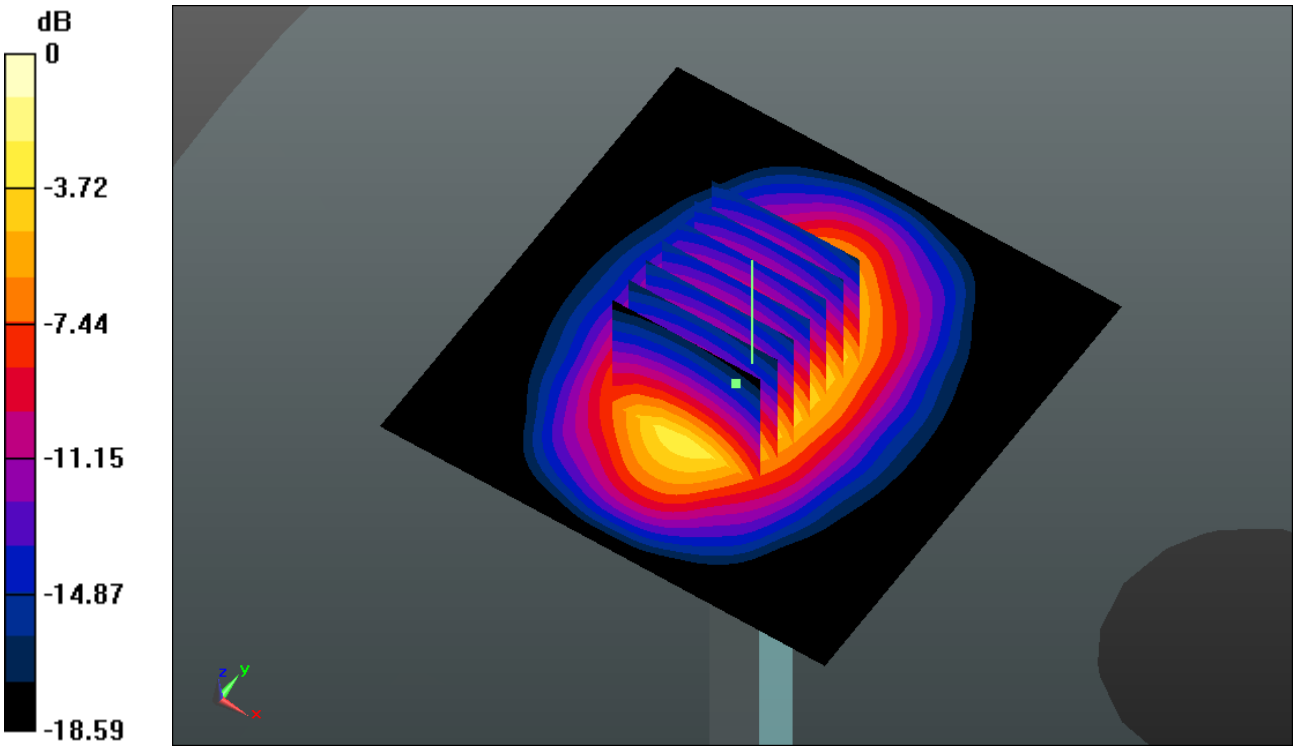
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120109 Medium parameters used: f = 1900 MHz; σ = 1.44 mho/m; ε_r = 39.914; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.012 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.252 V/m; Power Drift = -0.0025 dB
Peak SAR (extrapolated) = 18.373 W/kg
SAR(1 g) = 9.72 mW/g; SAR(10 g) = 5 mW/g
Maximum value of SAR (measured) = 10.942 mW/g



0 dB = 10.940mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-20

System Check_Head_1900MHz_120120

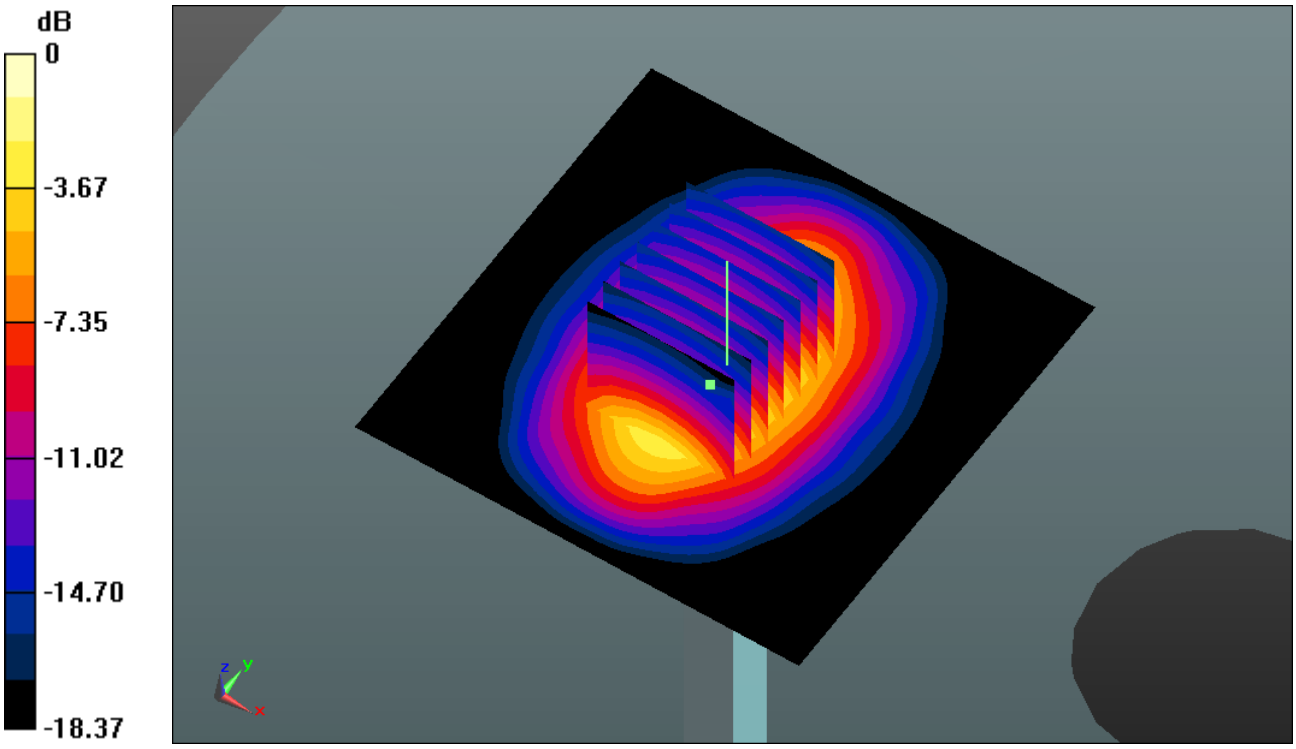
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1900 MHz; σ = 1.427 mho/m; ε_r = 41.191; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.405 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.253 V/m; Power Drift = -0.0036 dB
Peak SAR (extrapolated) = 19.101 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.18 mW/g
Maximum value of SAR (measured) = 11.319 mW/g



0 dB = 11.320mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-2-20

System Check_Head_1900MHz_120220

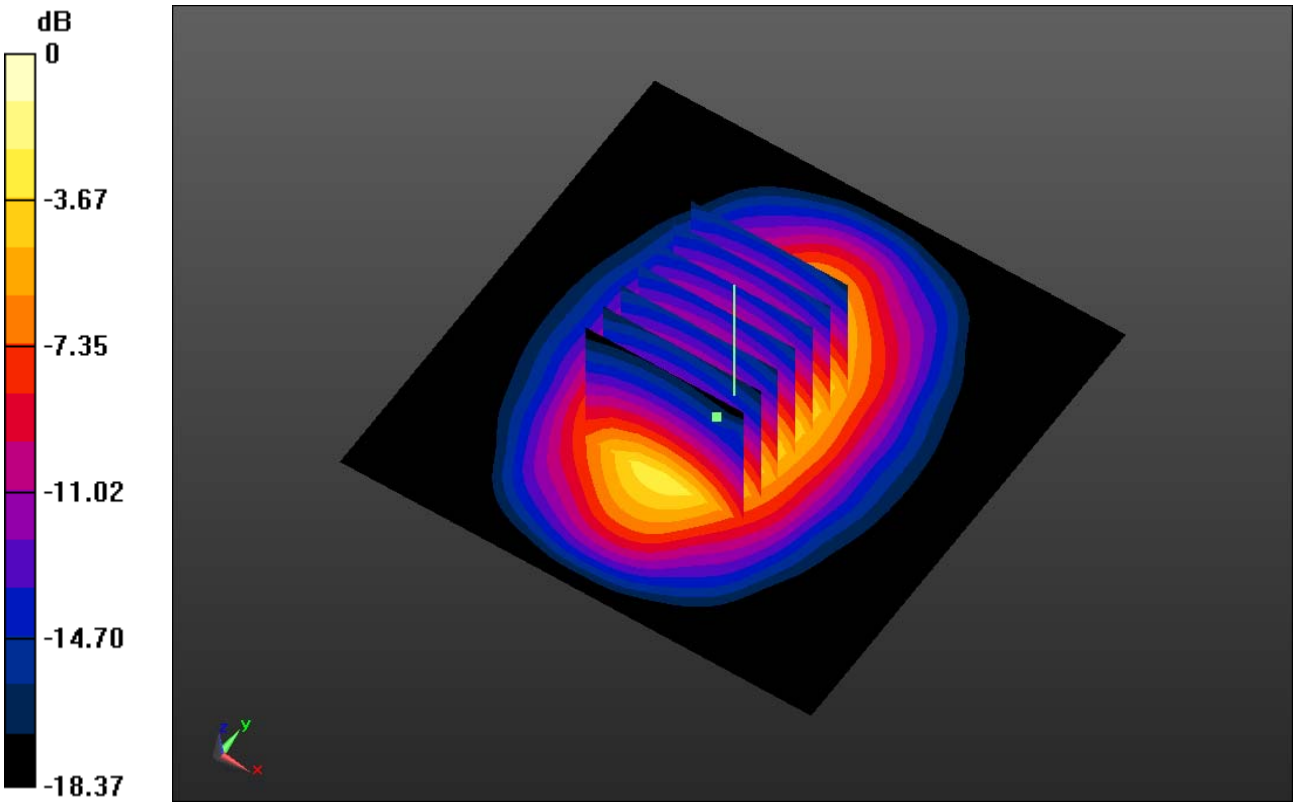
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120220 Medium parameters used: f = 1900 MHz; σ = 1.449 mho/m; ε_r = 39.097; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; 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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.580 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.253 V/m; Power Drift = -0.0036 dB
Peak SAR (extrapolated) = 19.394 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.26 mW/g
Maximum value of SAR (measured) = 11.493 mW/g



0 dB = 11.490mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-4

System Check_Body_1900MHz_120104

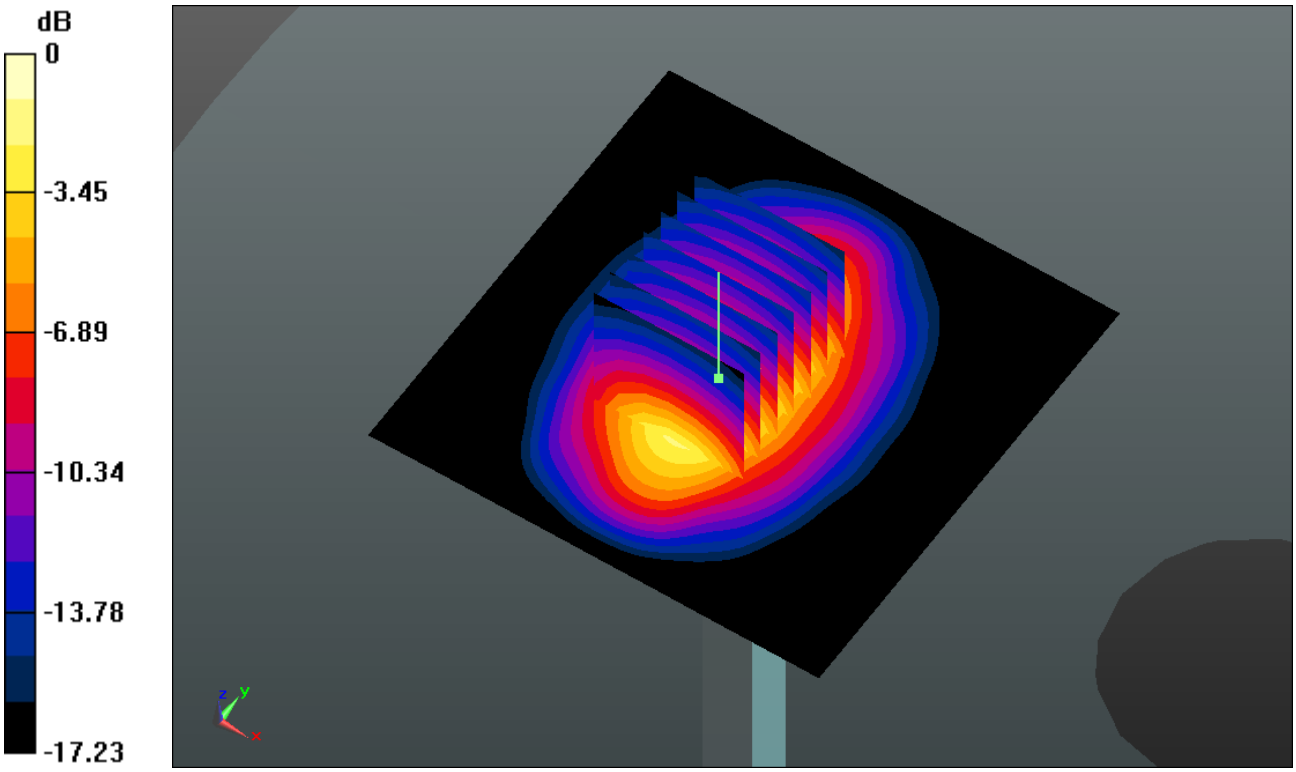
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1900 MHz; σ = 1.501 mho/m; ε_r = 53.849; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.575 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.260 V/m; Power Drift = 0.0025 dB
Peak SAR (extrapolated) = 18.775 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.31 mW/g
Maximum value of SAR (measured) = 11.450 mW/g



0 dB = 11.450mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-5

System Check_Body_1900MHz_120105

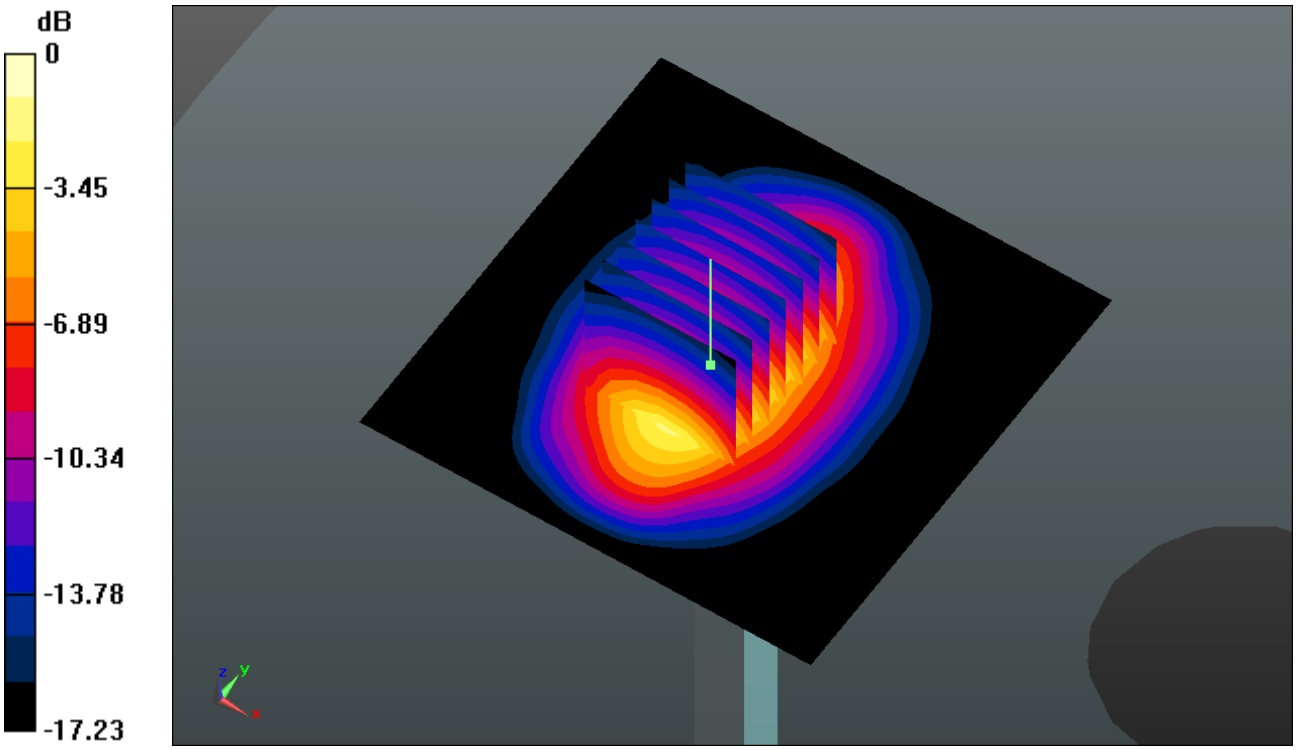
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1900 MHz; σ = 1.522 mho/m; ε_r = 52.386; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.809 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.260 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 19.154 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.41 mW/g
Maximum value of SAR (measured) = 11.681 mW/g



0 dB = 11.680mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-6

System Check_Body_1900MHz_120106

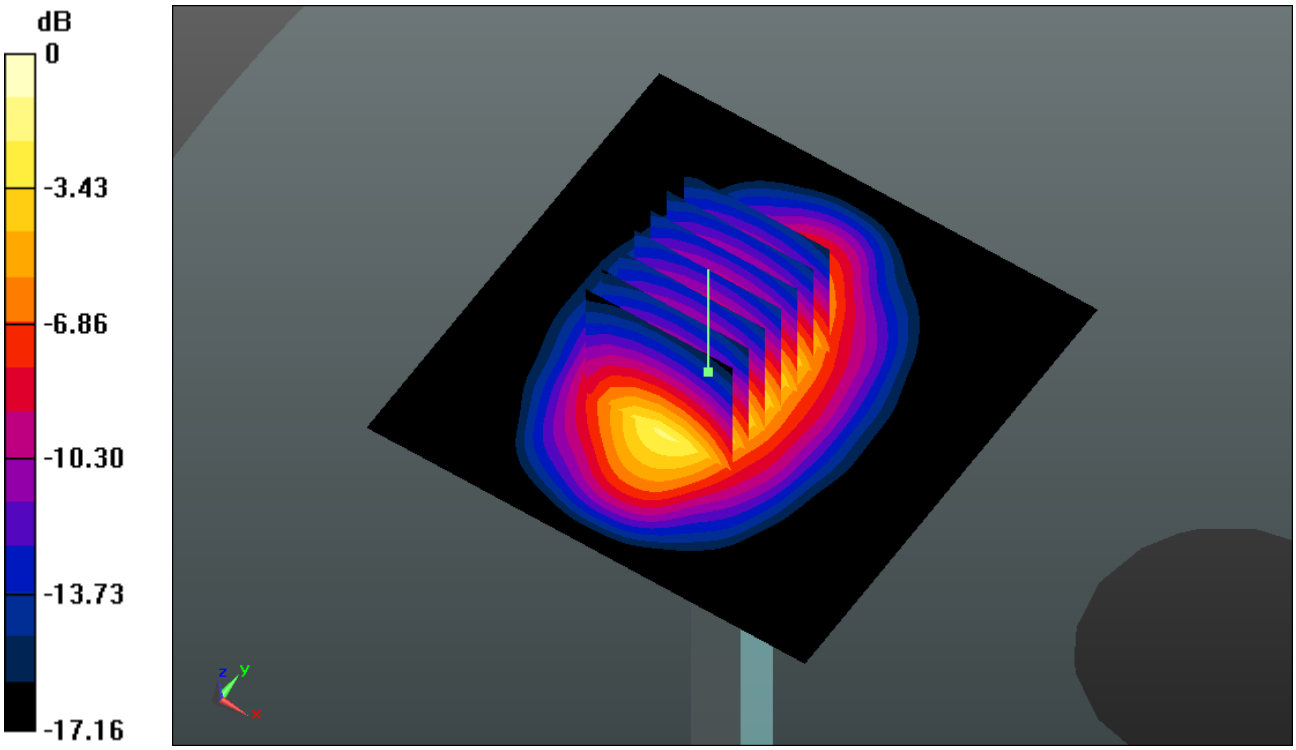
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; 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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 12.246 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.308 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 19.703 W/kg
SAR(1 g) = 10.8 mW/g; SAR(10 g) = 5.6 mW/g
Maximum value of SAR (measured) = 12.037 mW/g



0 dB = 12.040mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-01-19

System Check_Body_1900MHz_120119

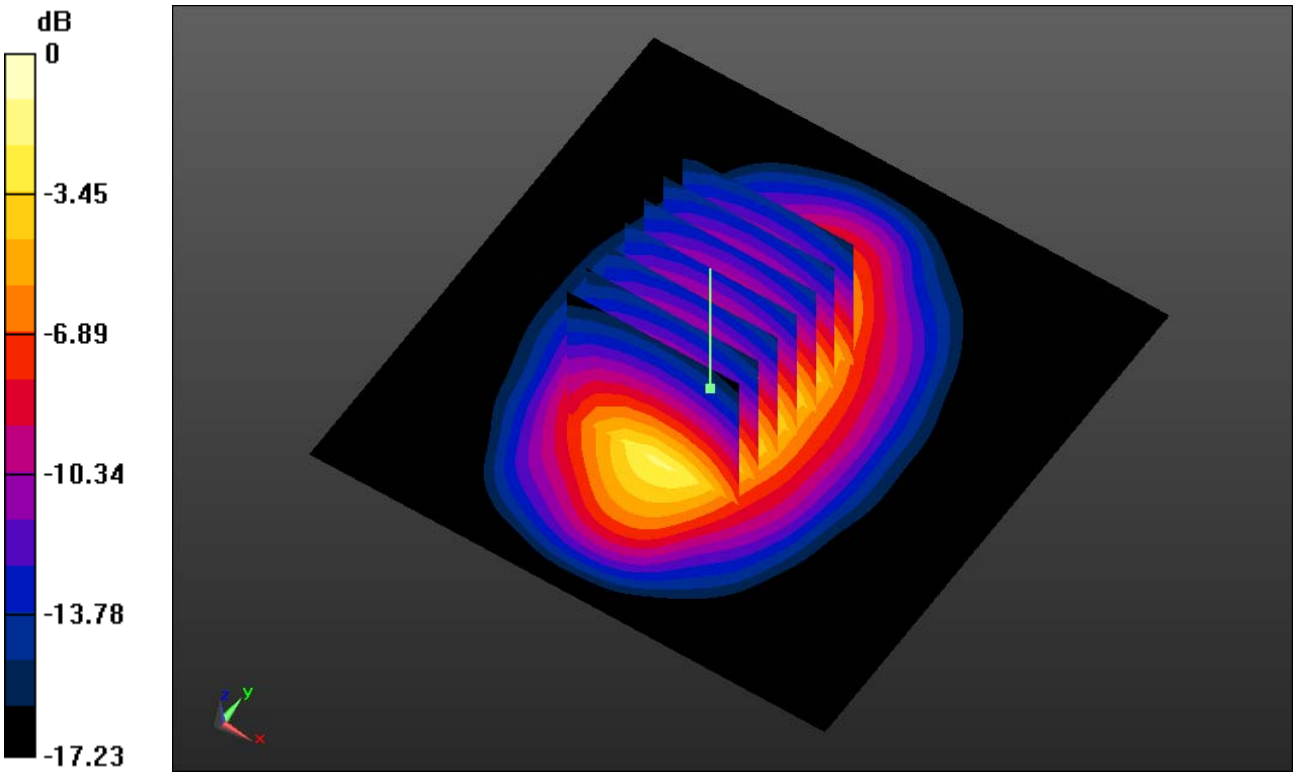
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120119 Medium parameters used: f = 1900 MHz; σ = 1.519 mho/m; ε_r = 53.569; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：21.3 ℃

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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.715 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.260 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 19.001 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.37 mW/g
Maximum value of SAR (measured) = 11.588 mW/g



0 dB = 11.590mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-20

System Check_Body_1900MHz_120120

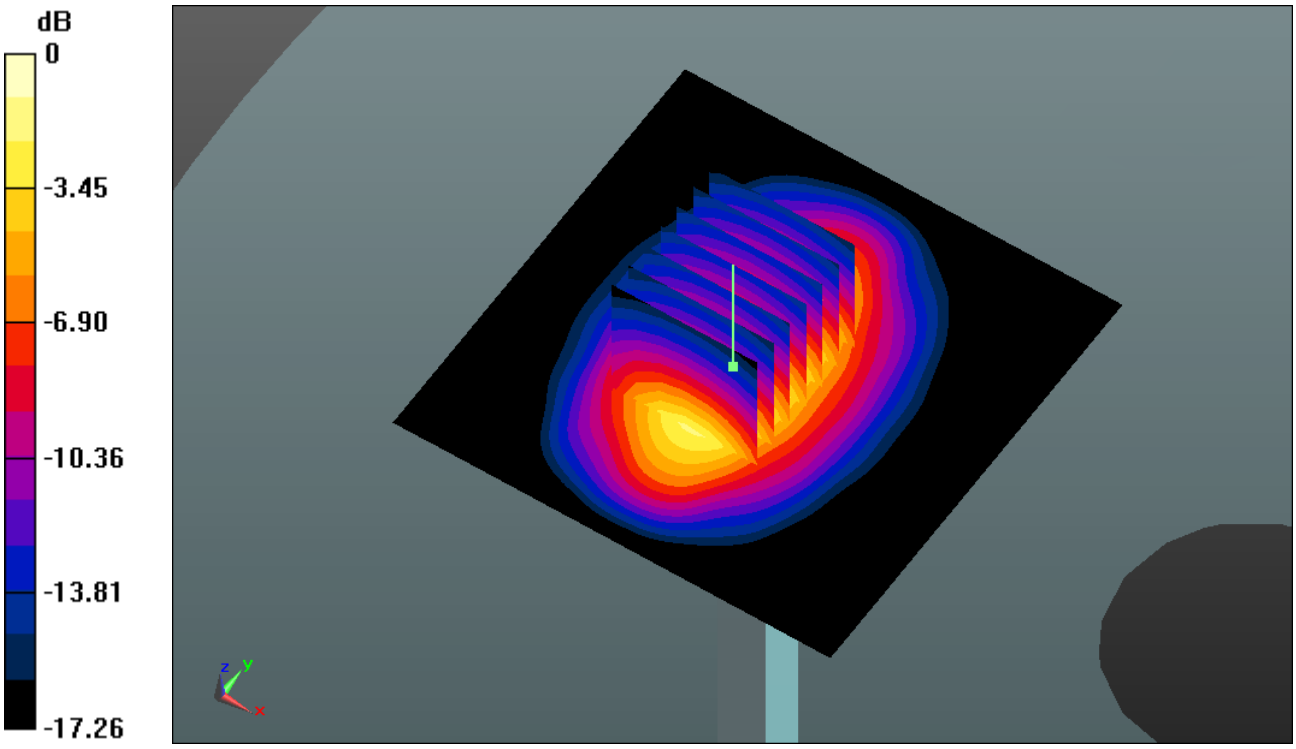
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1900 MHz; σ = 1.532 mho/m; ε_r = 52.397; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; 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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.564 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.326 V/m; Power Drift = 0.0041 dB
Peak SAR (extrapolated) = 18.690 W/kg
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.25 mW/g
Maximum value of SAR (measured) = 11.367 mW/g



0 dB = 11.370mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-02-06

System Check_Body_1900MHz_120206

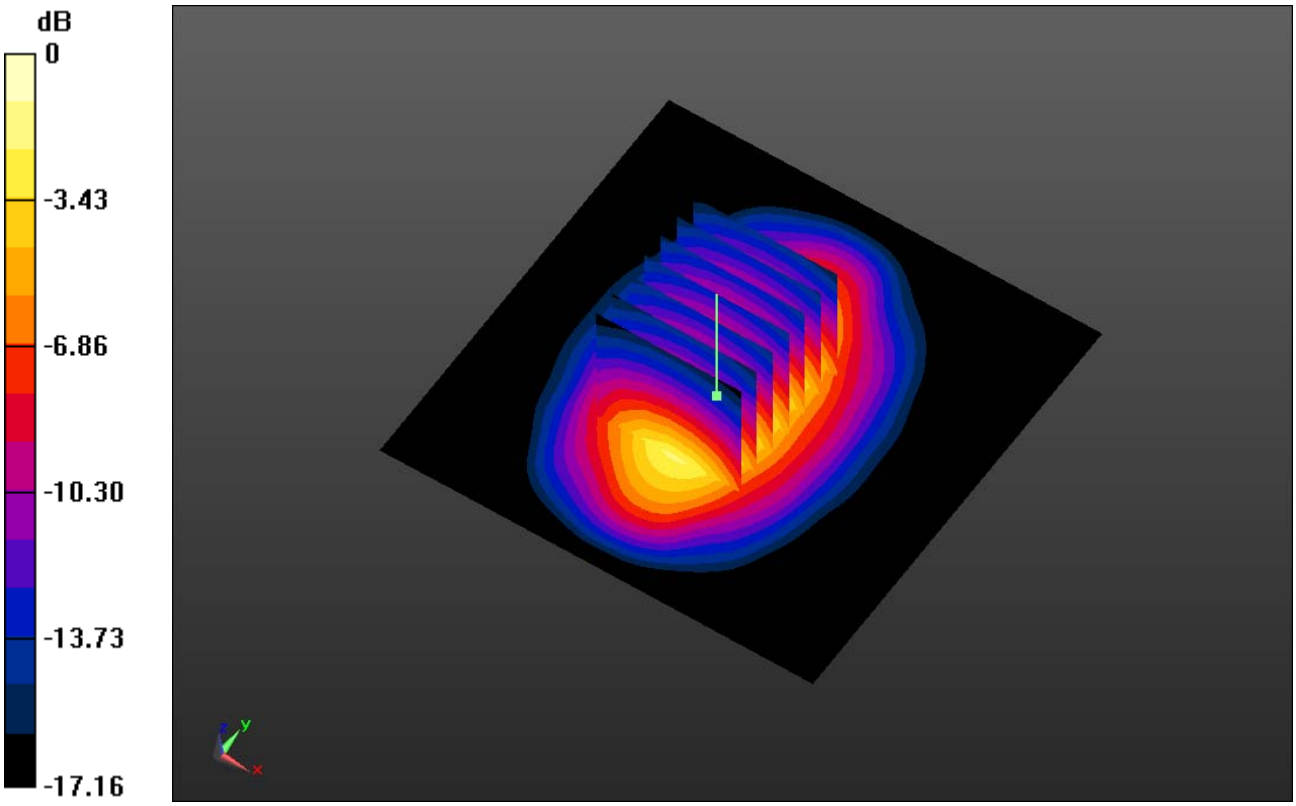
DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120206 Medium parameters used: f = 1900 MHz; σ = 1.516 mho/m; ε_r = 53.868; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

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)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 12.158 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.308 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 19.561 W/kg
SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.56 mW/g
Maximum value of SAR (measured) = 11.950 mW/g



0 dB = 11.950mW/g

System Check_Head_2450MHz_120116

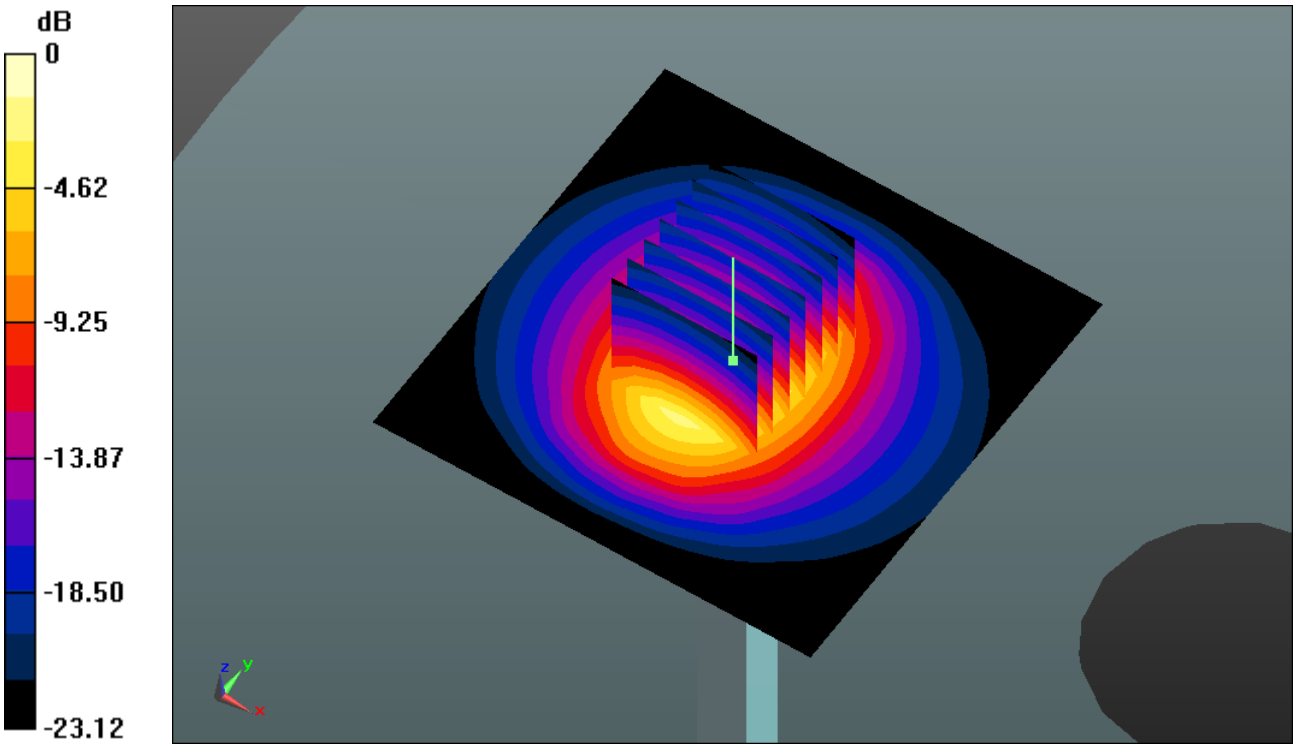
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120116 Medium parameters used: f = 2450 MHz; σ = 1.823 mho/m; ε_r = 37.961; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 16.127 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.105 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 30.857 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.21 mW/g
Maximum value of SAR (measured) = 15.783 mW/g



0 dB = 15.780mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-1-16

System Check_Body_2450MHz_120116

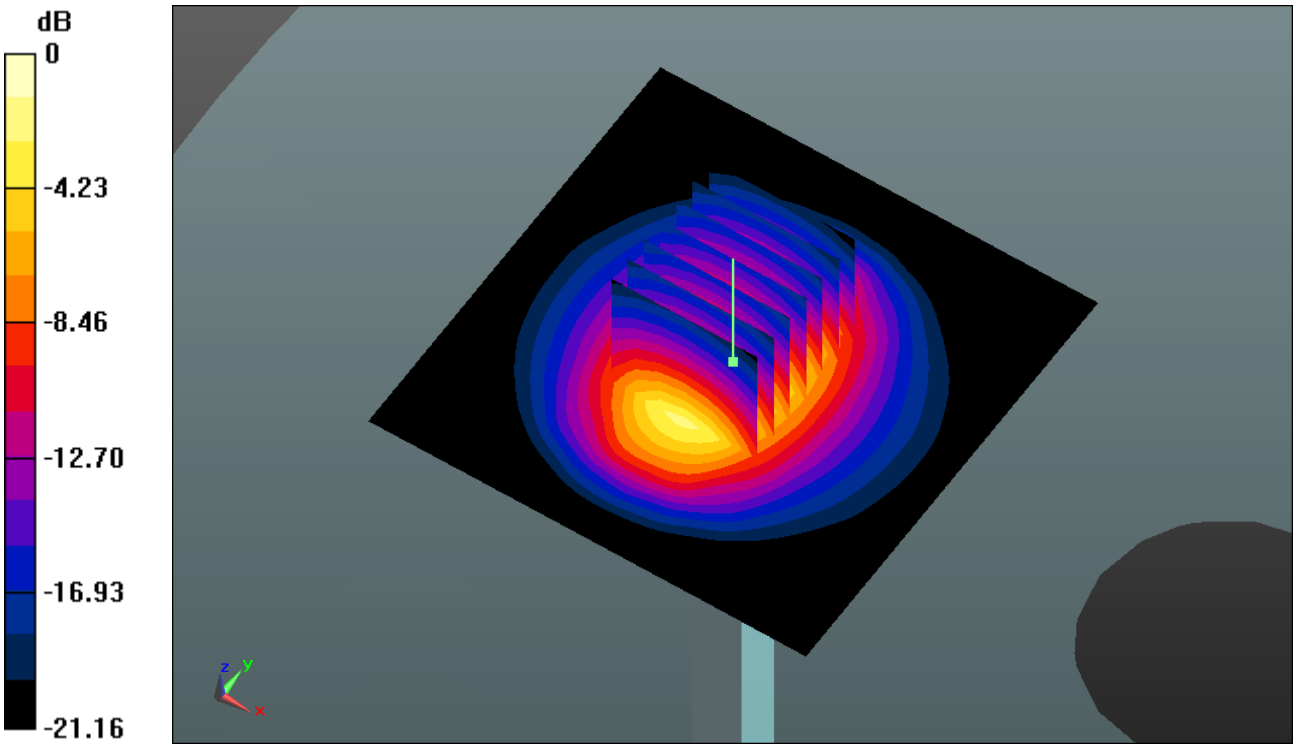
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2450 MHz; σ = 2.002 mho/m; ε_r = 53.464; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 16.583 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.391 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.159 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.41 mW/g
Maximum value of SAR (measured) = 16.015 mW/g



0 dB = 16.020mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-01-19

System Check_Body_2450MHz_120119

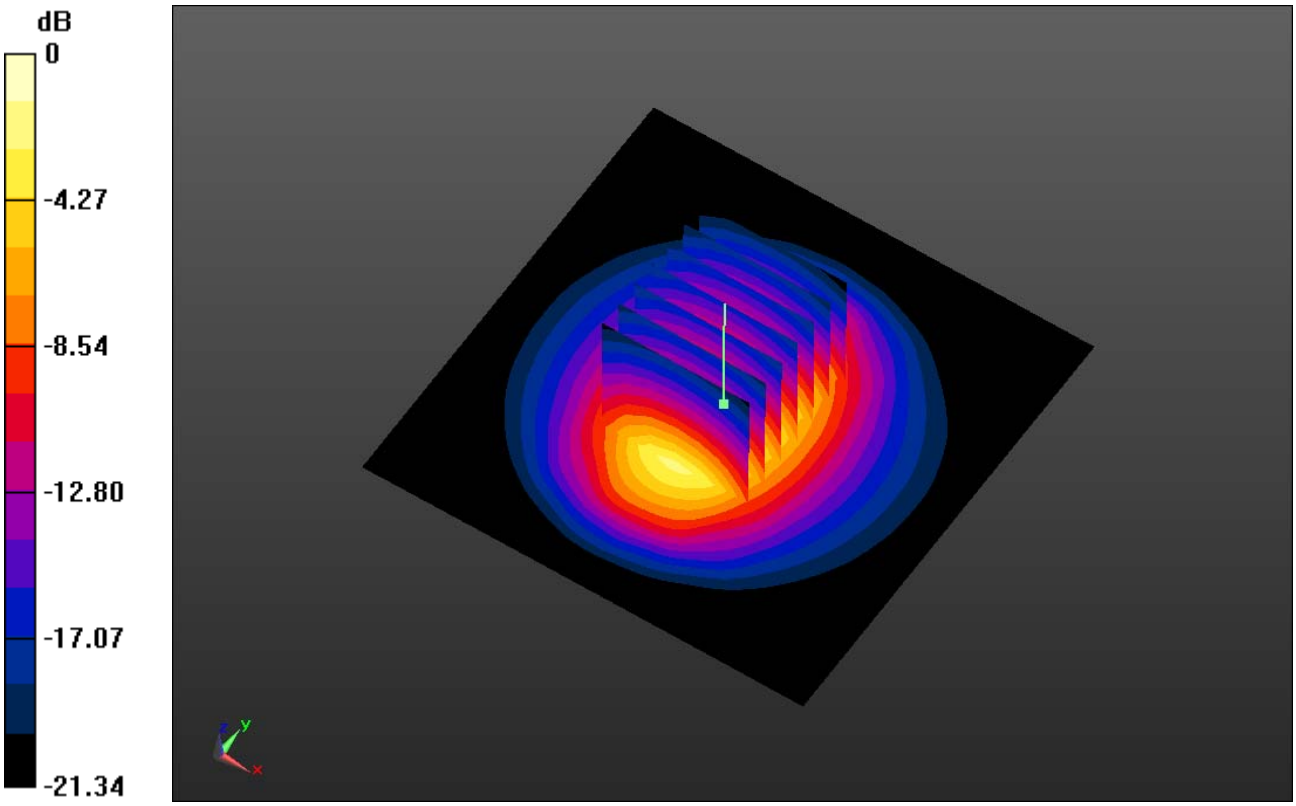
DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2450 MHz; σ = 1.951 mho/m; ε_r = 53.859; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); 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)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 15.484 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.221 V/m; Power Drift = -0.0053 dB
Peak SAR (extrapolated) = 26.298 W/kg
SAR(1 g) = 12.9 mW/g; SAR(10 g) = 5.96 mW/g
Maximum value of SAR (measured) = 14.851 mW/g



0 dB = 14.850mW/g

#169 CDMA 2000 BC0_RC3 SO55_Right Cheek_Ch1013

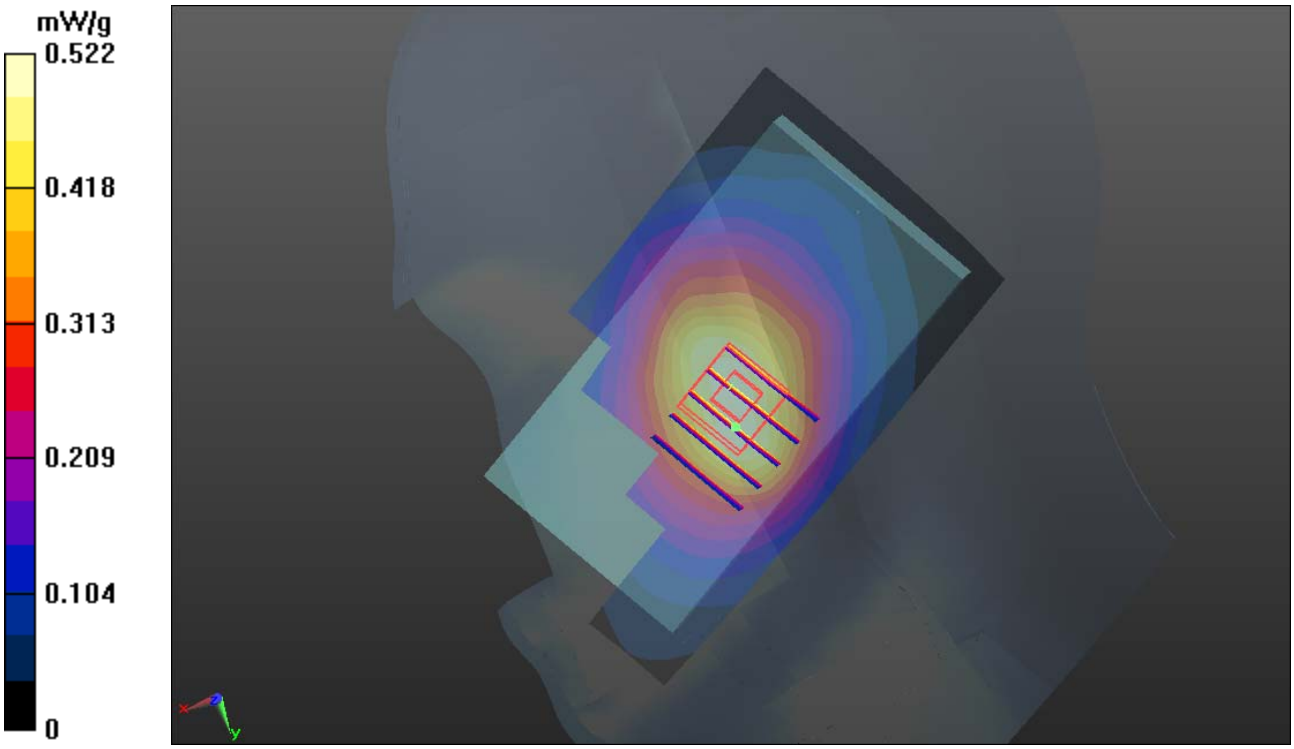
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120109 Medium parameters used: f = 825 MHz; σ = 0.895 mho/m; ε_r = 41.604; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.522 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.566 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.552 mW/g


mW/g
0.522
0.418
0.313
0.209
0.104
0

#169 CDMA 2000 BC0_RC3 SO55_Right Cheek_Ch1013_2D

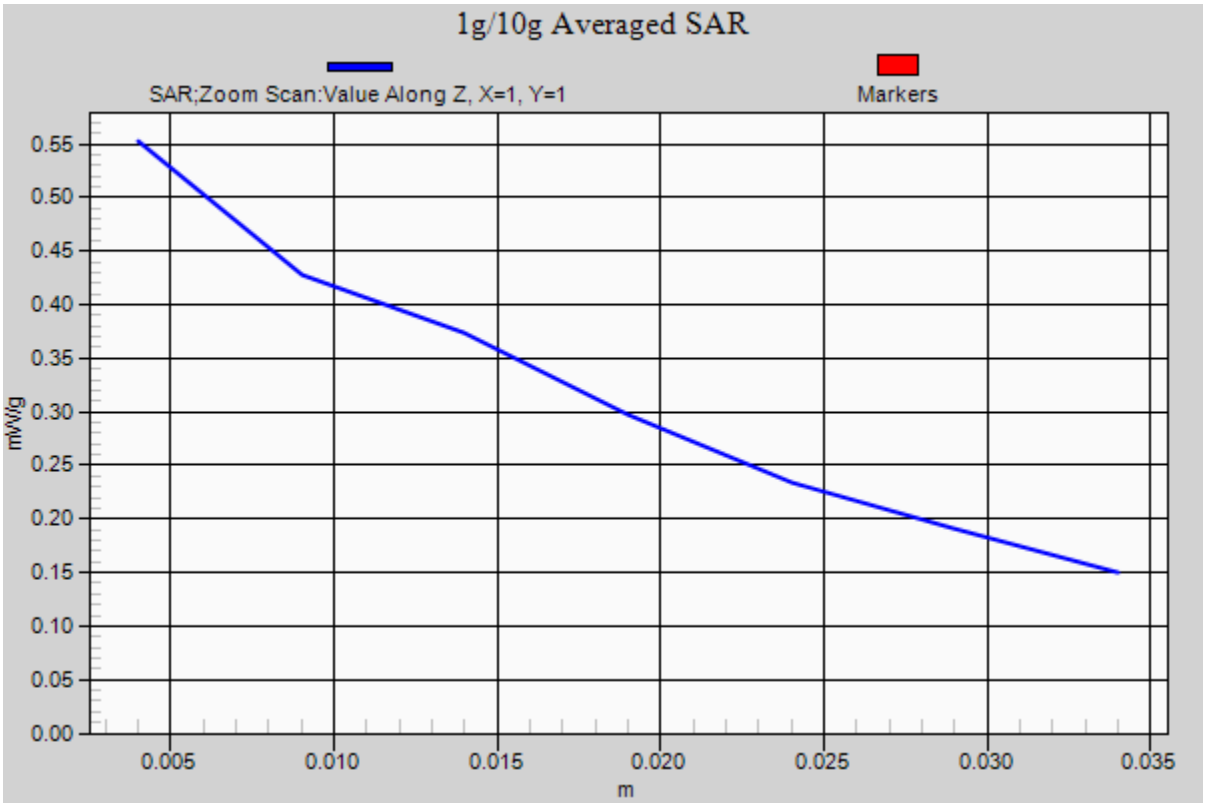
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120109 Medium parameters used: f = 825 MHz; σ = 0.895 mho/m; ε_r = 41.604; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.522 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.566 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.552 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=1
Markers
mW/g
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#170 CDMA 2000 BC0_RC3 SO55_Right Tilted_Ch1013

DUT: 1N0701

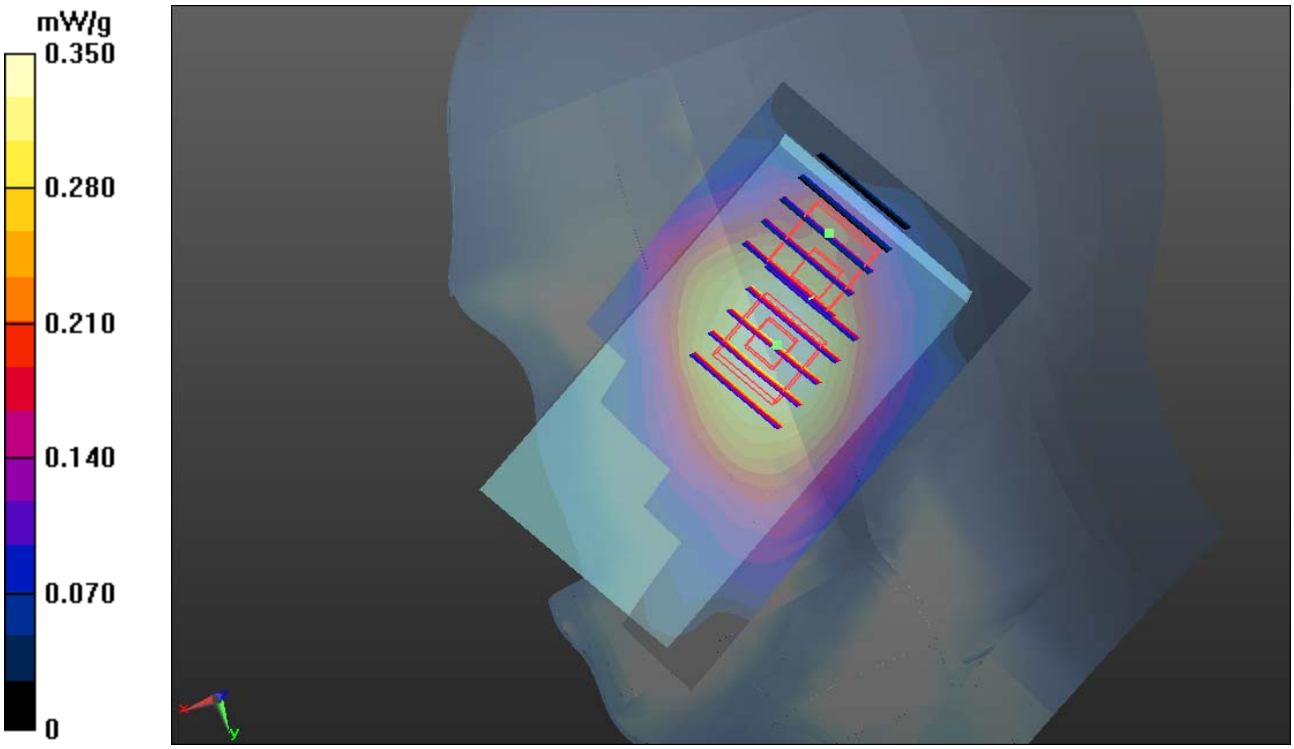
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120109 Medium parameters used: f = 825 MHz; σ = 0.895 mho/m; ε_r = 41.604; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.350 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.763 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.254 mW/g
Maximum value of SAR (measured) = 0.363 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.763 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.266 mW/g


mW/g
0.350
0.280
0.210
0.140
0.070
0

#171 CDMA 2000 BC0_RC3 SO55_Left Cheek_Ch1013

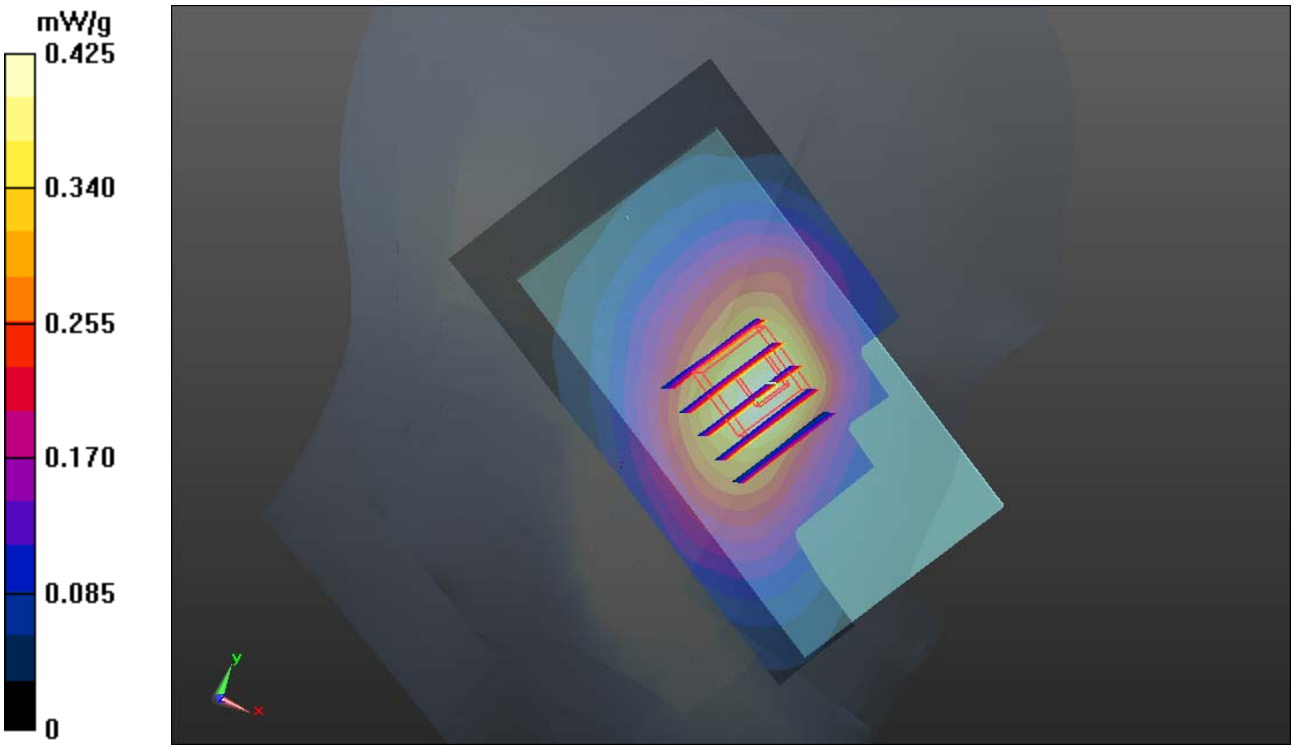
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120109 Medium parameters used: f = 825 MHz; σ = 0.895 mho/m; ε_r = 41.604; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.425 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.404 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.408 mW/g


mW/g
0.425
0.340
0.255
0.170
0.085
0
y
x

#172 CDMA 2000 BC0_RC3 SO55_Left Tilted_Ch1013

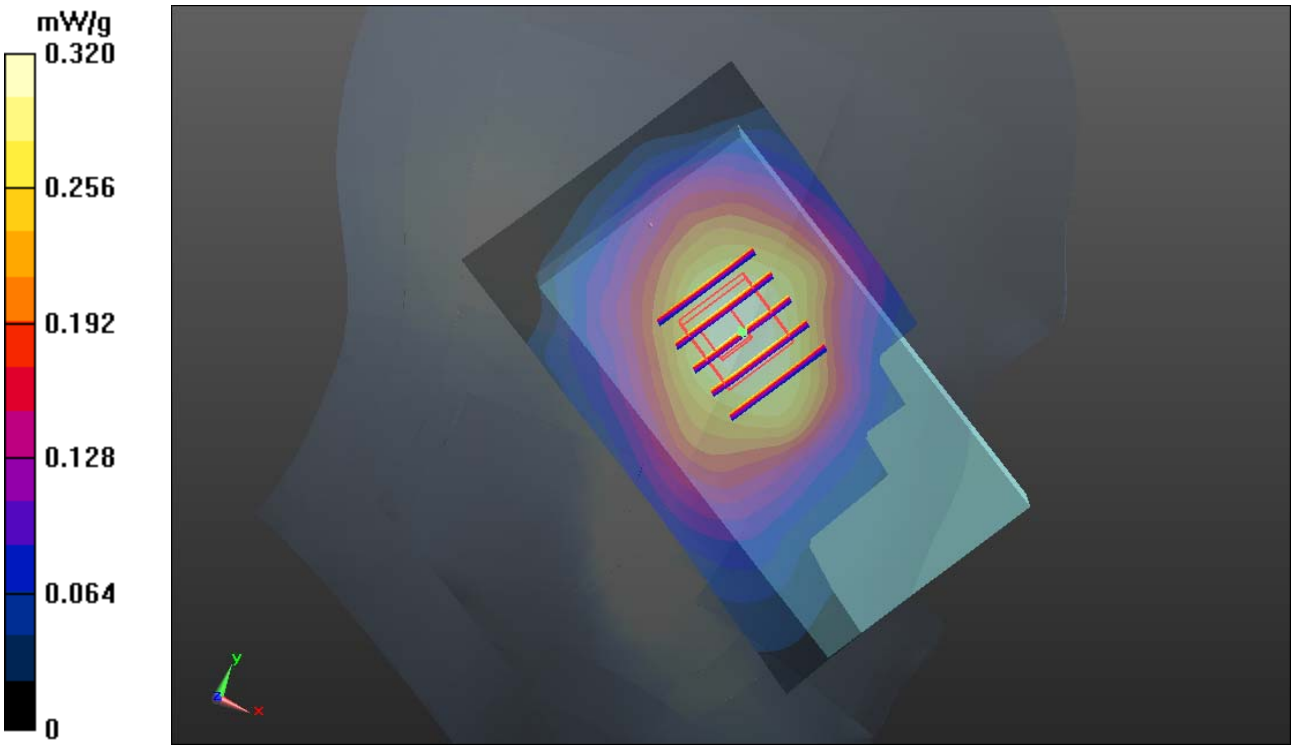
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120109 Medium parameters used: f = 825 MHz; σ = 0.895 mho/m; ε_r = 41.604; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.6 ℃

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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.320 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.541 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.320 mW/g


mW/g
0.320
0.256
0.192
0.128
0.064
0
y
x

#228 CDMA 2000 BC0_RC3 SO55_Right Tilted_Ch1013_15.5

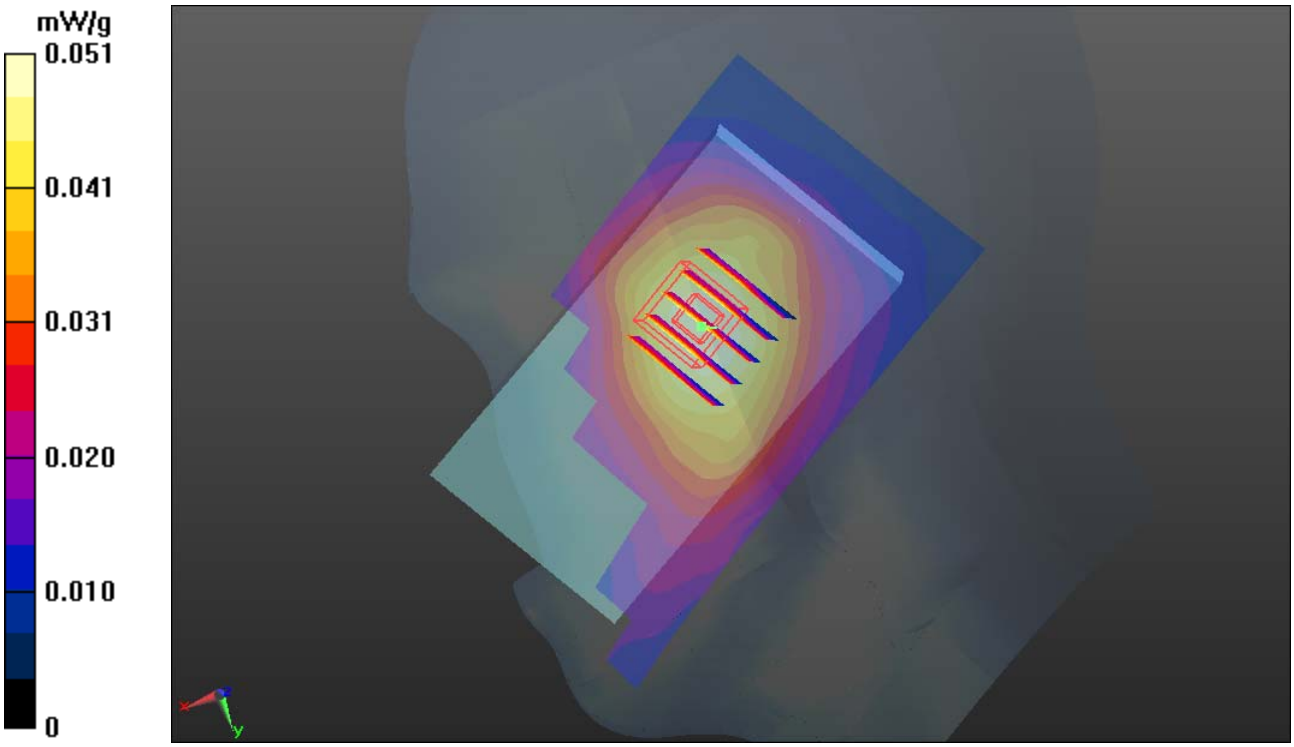
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.898 mho/m; ε_r = 41.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.051 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.614 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.057 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.049 mW/g


mW/g
0.051
0.041
0.031
0.020
0.010
0

#240 CDMA 2000 BC0_RC3 SO55_Right Tilted_Ch1013_18.5

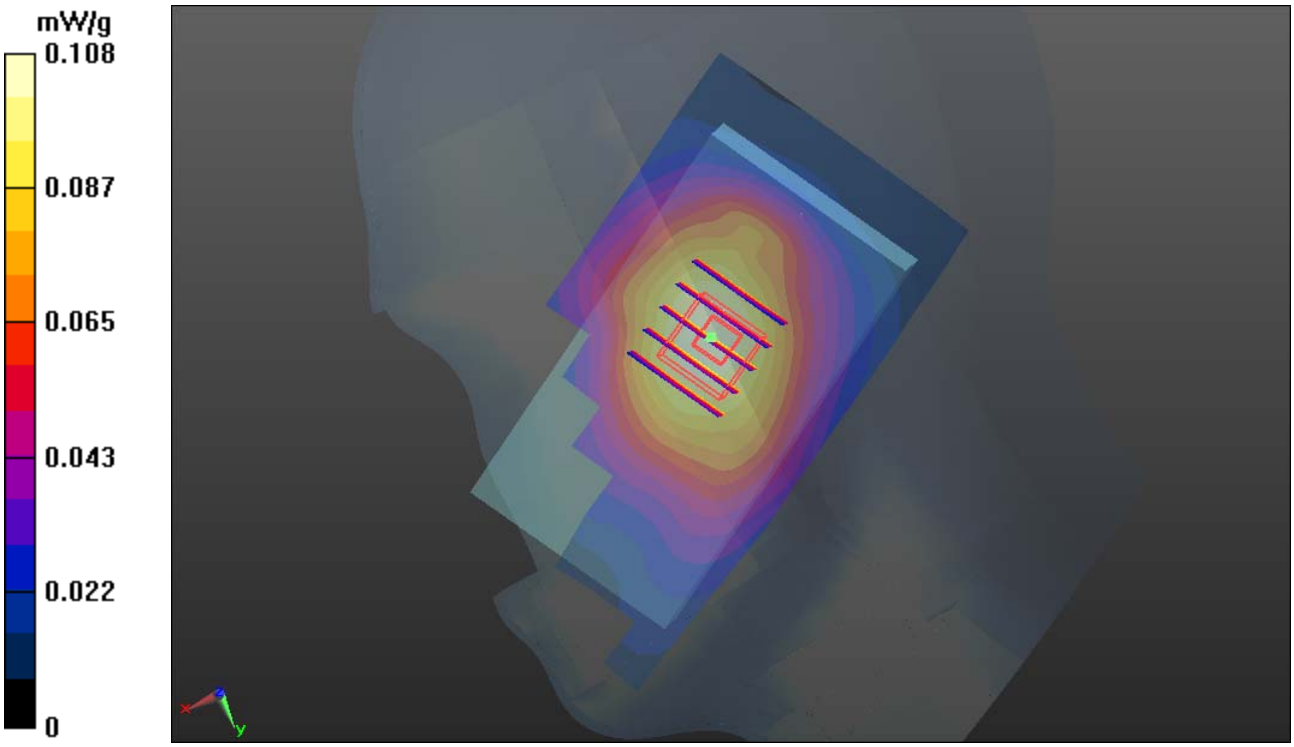
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.898 mho/m; ε_r = 41.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.108 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.611 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.101 mW/g


mW/g
0.108
0.087
0.065
0.043
0.022
0

#229 CDMA 2000 BC0_RC3 SO55_left Tilted_Ch1013_15.5

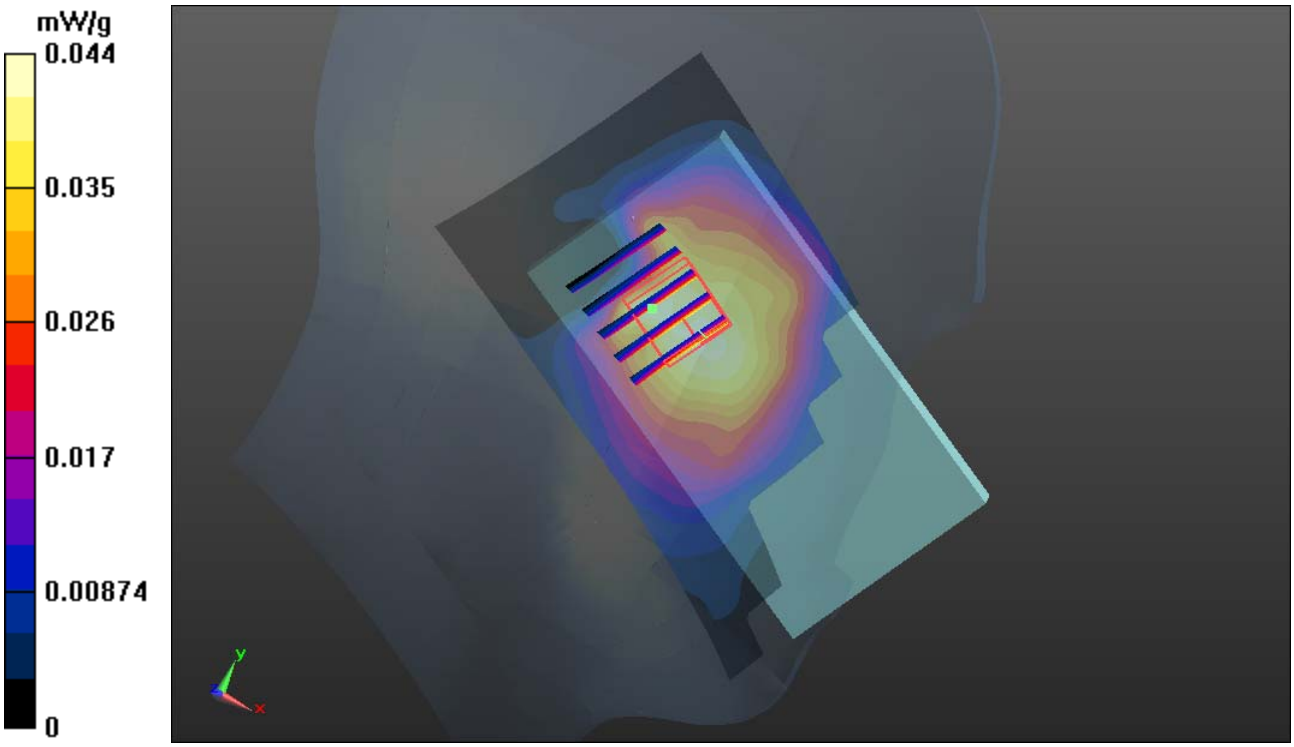
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.898 mho/m; ε_r = 41.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.044 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.612 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.040 mW/g


mW/g
0.044
0.035
0.026
0.017
0.00874
0
y
x

#241 CDMA 2000 BC0_RC3 SO55_left Tilted_Ch1013_18.5

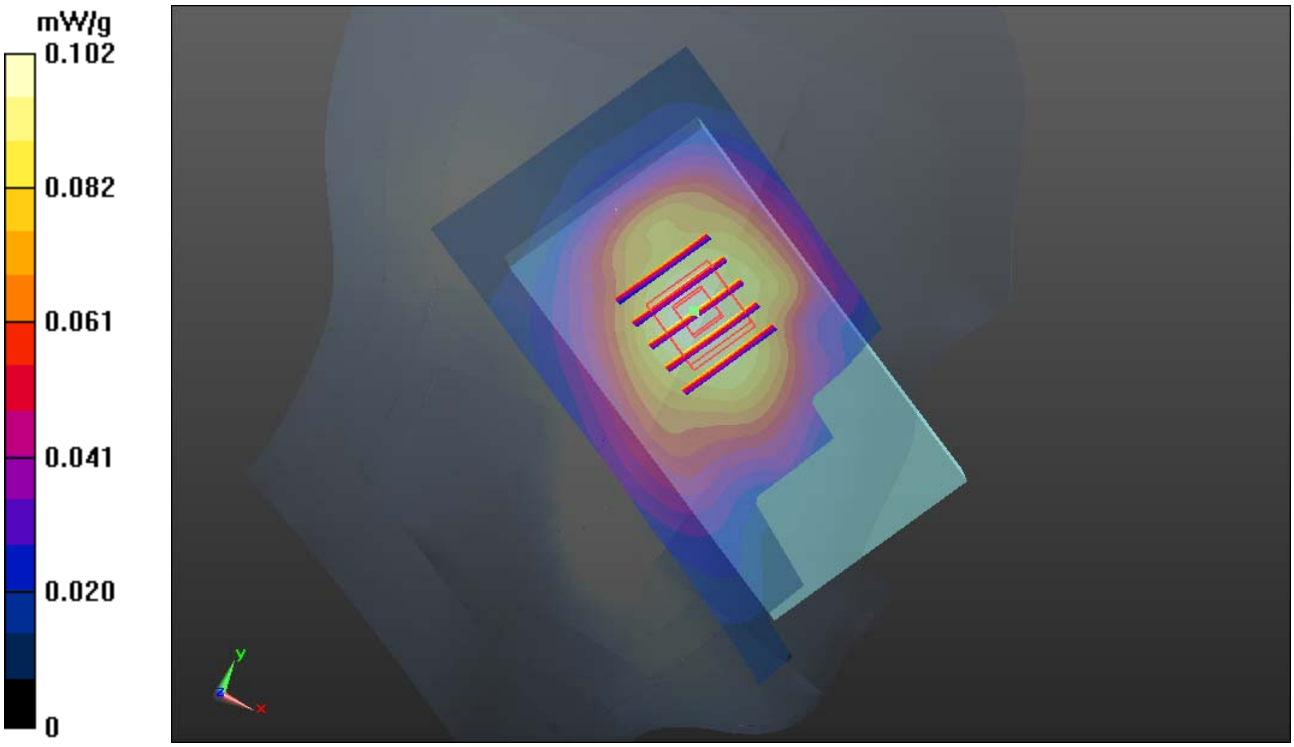
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.898 mho/m; ε_r = 41.819; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.102 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.868 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.101 mW/g


mW/g
0.102
0.082
0.061
0.041
0.020
0
y
x

#181 CDMA 2000 BC15_RC3 SO55_Right Cheek_Ch25

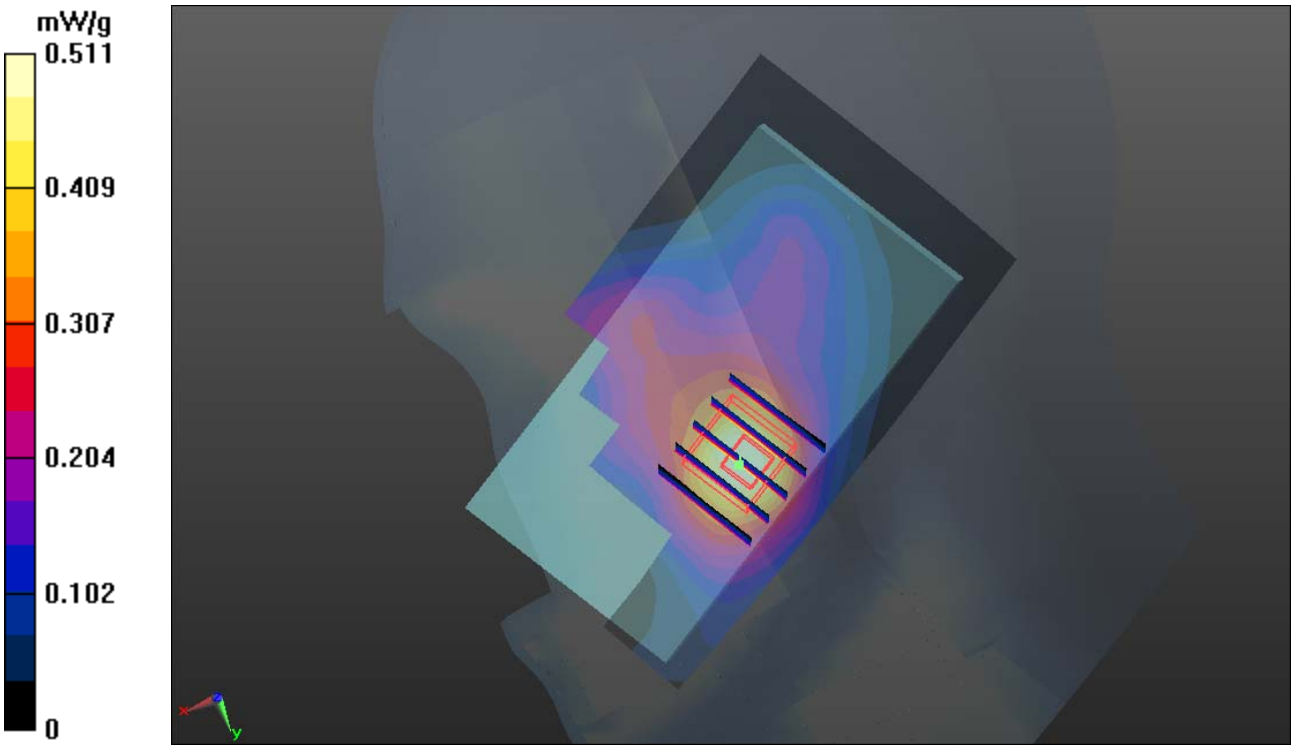
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.511 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.525 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.299 mW/g
Maximum value of SAR (measured) = 0.521 mW/g


mW/g
0.511
0.409
0.307
0.204
0.102
0

#182 CDMA 2000 BC15_RC3 SO55_Right Tilted_Ch25

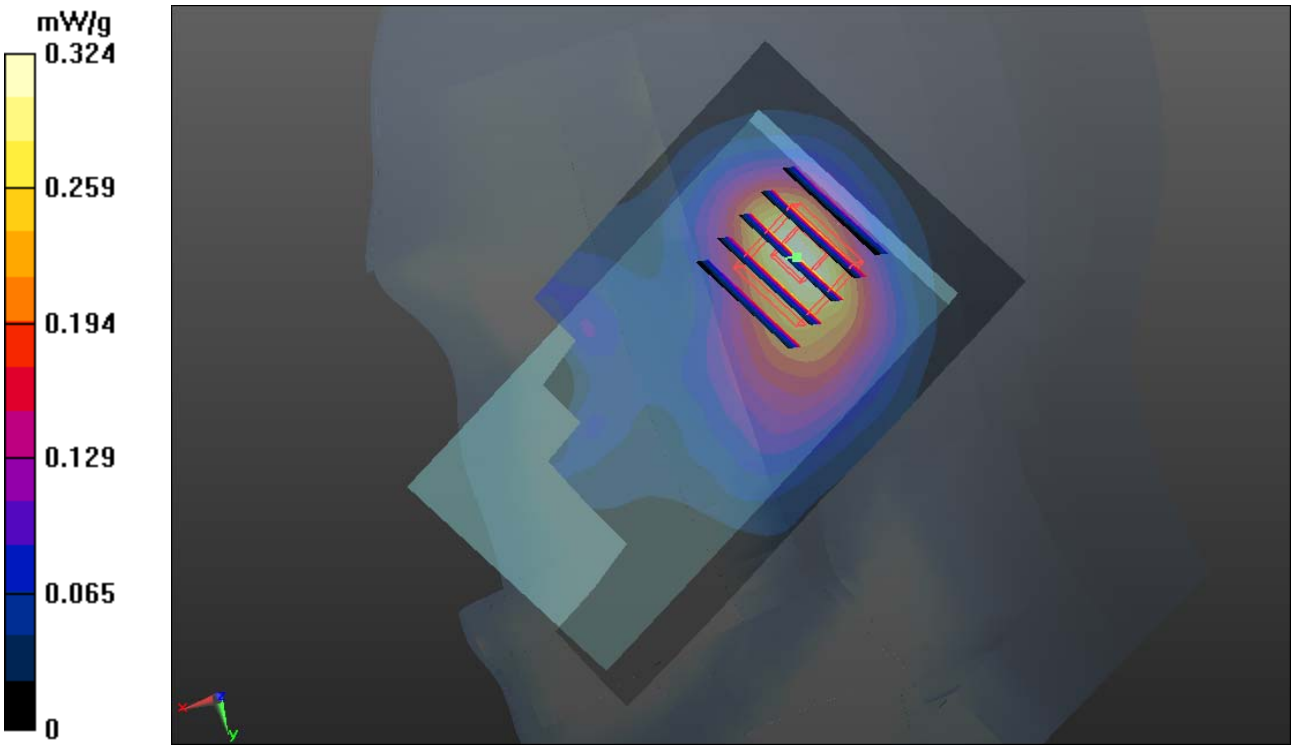
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.324 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.857 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.305 mW/g


mW/g
0.324
0.259
0.194
0.129
0.065
0

#183 CDMA 2000 BC15_RC3 SO55_Left Cheek_Ch25

DUT: 1N0701

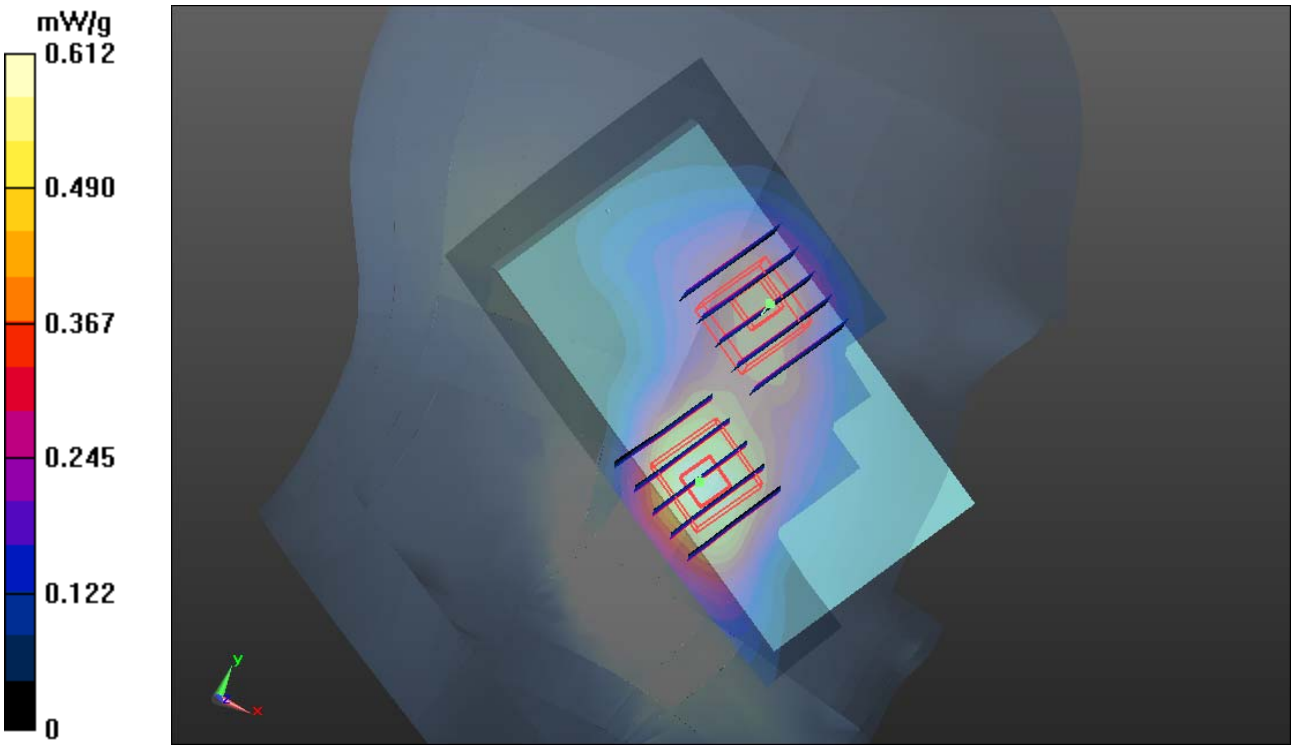
Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.612 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.985 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.578 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.985 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.607 W/kg
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.413 mW/g


mW/g
0.612
0.490
0.367
0.245
0.122
0
y
x

#183 CDMA 2000 BC15_RC3 SO55_Left Cheek_Ch25_2D

DUT: 1N0701

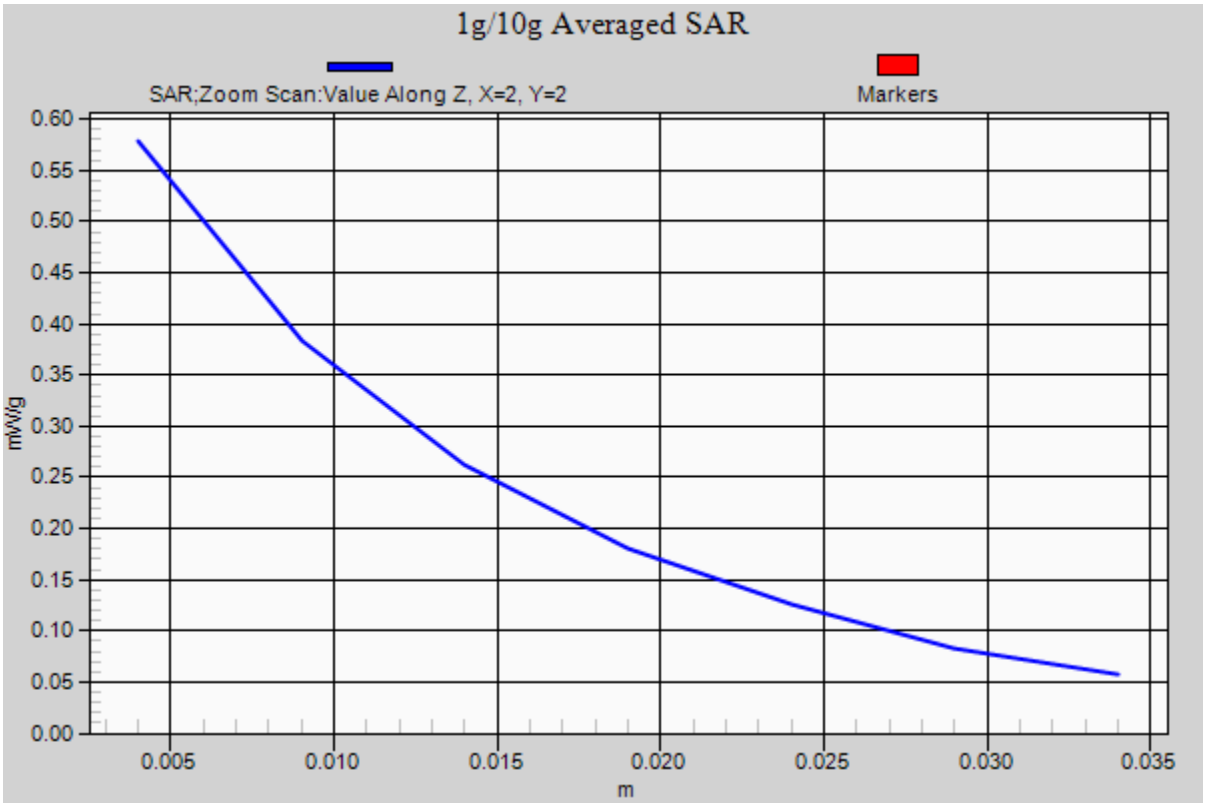
Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.612 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.985 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.578 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.985 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.607 W/kg
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.413 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#184 CDMA 2000 BC15_RC3 SO55_Left Tilted_Ch25

DUT: 1N0701

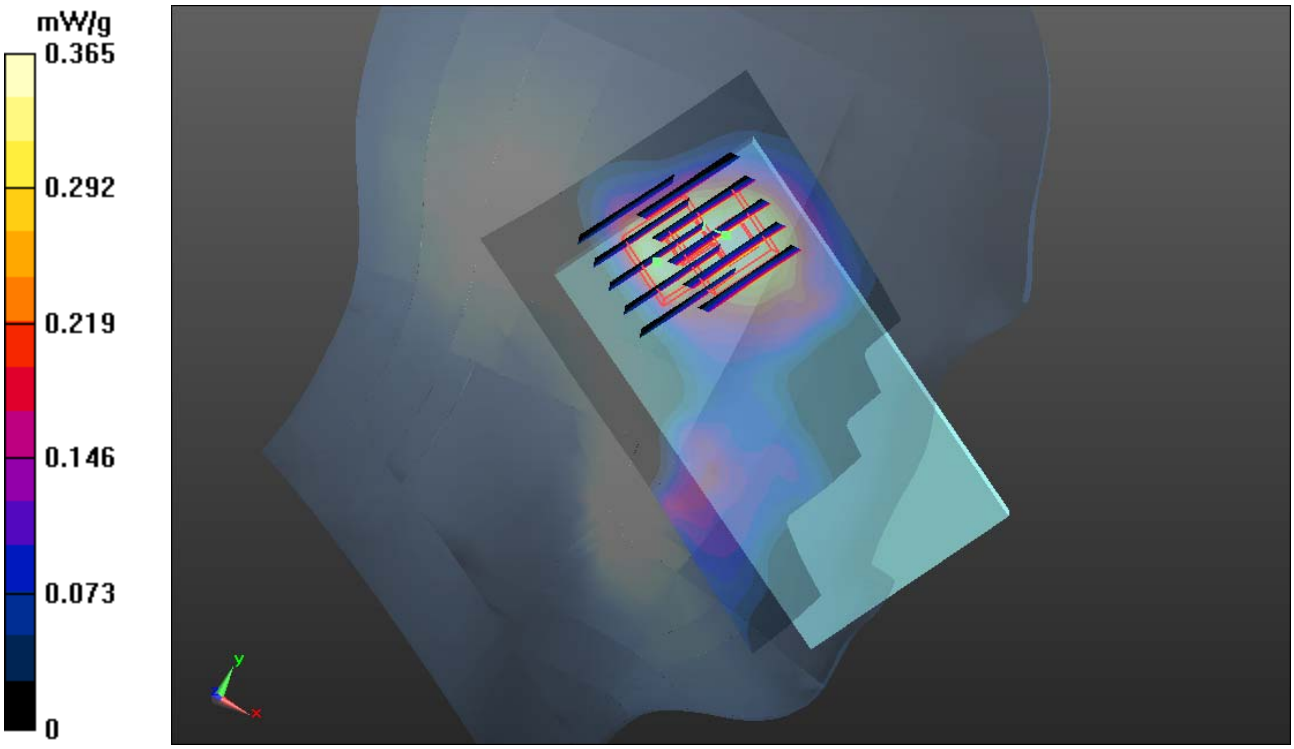
Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.365 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.013 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.209 mW/g
Maximum value of SAR (measured) = 0.352 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.013 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.346 mW/g


mW/g
0.365
0.292
0.219
0.146
0.073
0
y
x

#230 CDMA 2000 BC15_RC3 SO55_Right Tilted_Ch25_15.5

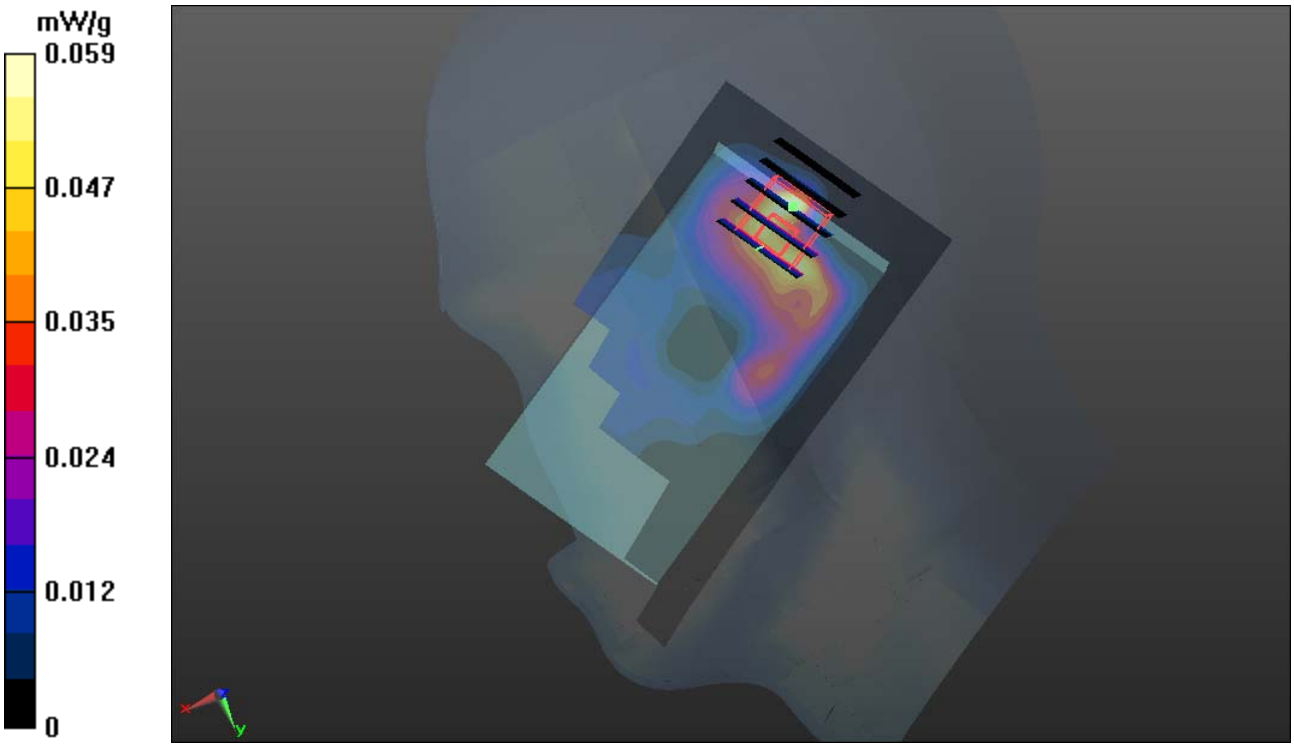
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120120 Medium parameters used: f = 1711.25 MHz; σ = 1.347 mho/m; ε_r = 41.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.059 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.430 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.064 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.042 mW/g


mW/g
0.059
0.047
0.035
0.024
0.012
0

#242 CDMA 2000 BC15_RC3 SO55_Right Tilted_Ch25_18.5

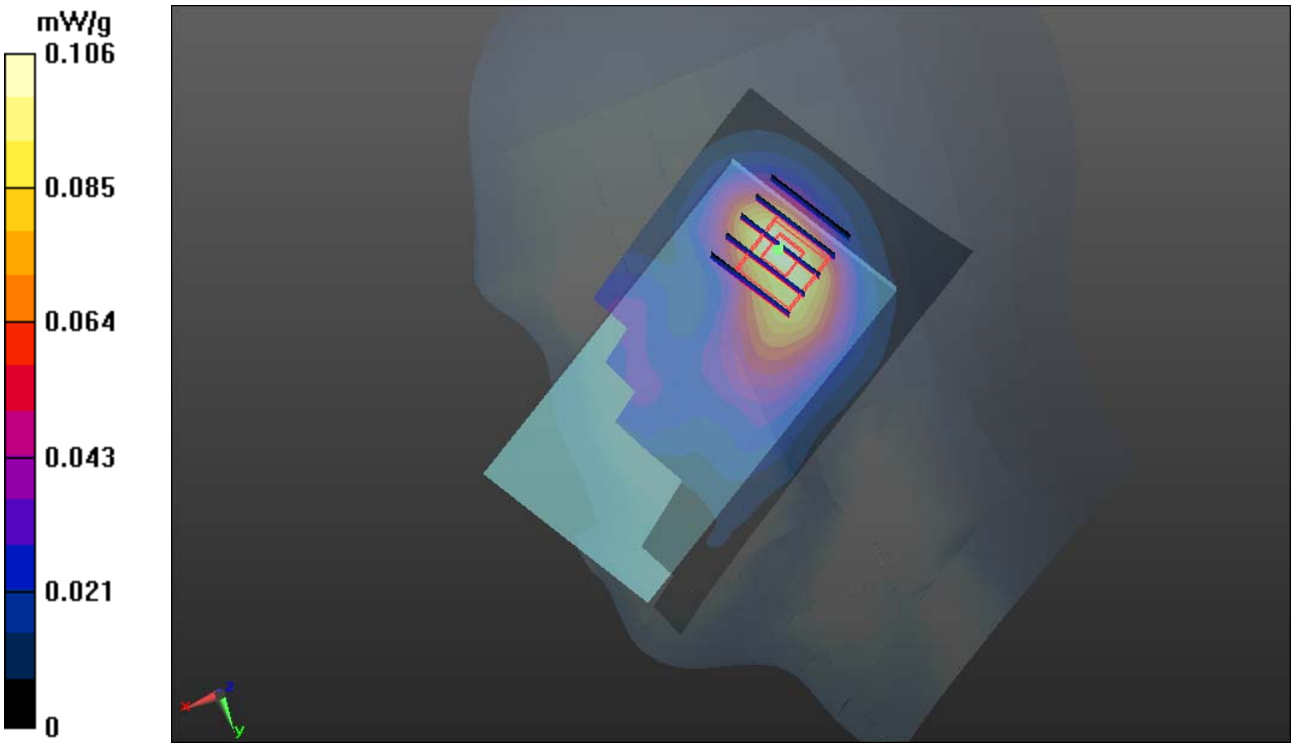
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120120 Medium parameters used: f = 1711.25 MHz; σ = 1.347 mho/m; ε_r = 41.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.106 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.888 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.098 mW/g


mW/g
0.106
0.085
0.064
0.043
0.021
0

#231 CDMA 2000 BC15_RC3 SO55_left Tilted_Ch25_15.5

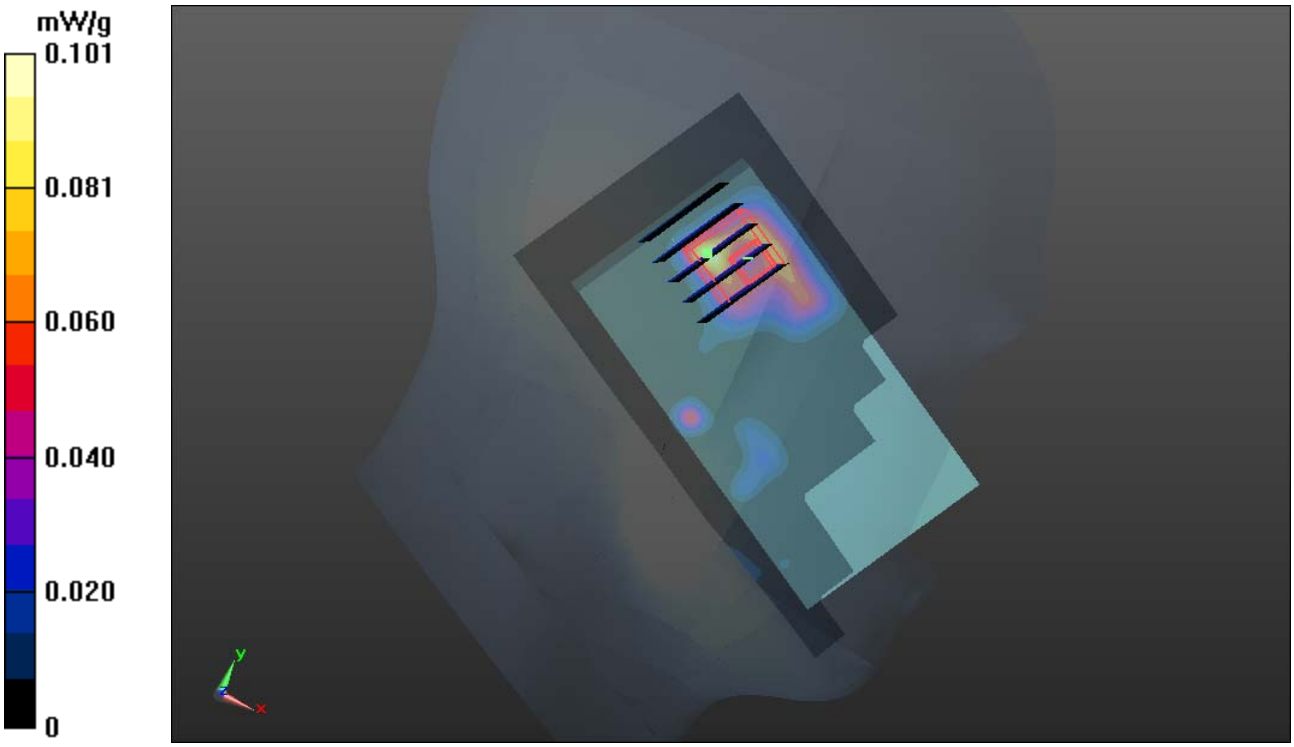
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120120 Medium parameters used: f = 1711.25 MHz; σ = 1.347 mho/m; ε_r = 41.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.101 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.721 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.069 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.047 mW/g


mW/g
0.101
0.081
0.060
0.040
0.020
0
y
x

#243 CDMA 2000 BC15_RC3 SO55_left Tilted_Ch25_18.5

DUT: 1N0701

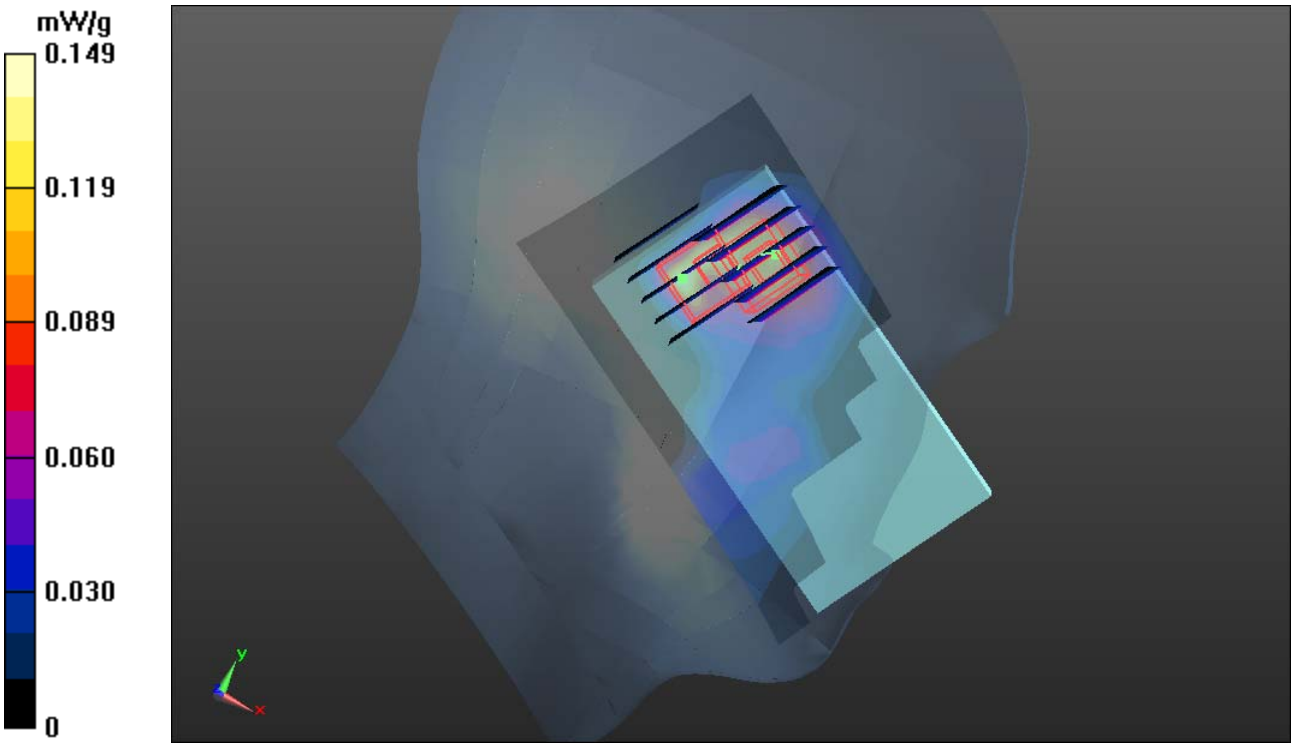
Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120120 Medium parameters used: f = 1711.25 MHz; σ = 1.347 mho/m; ε_r = 41.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.149 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.780 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.109 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.780 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.099 mW/g


mW/g
0.149
0.119
0.089
0.060
0.030
0
y
x

#266 CDMA 2000 BC15_RC3 SO55_Left Cheek_Ch25_15.5

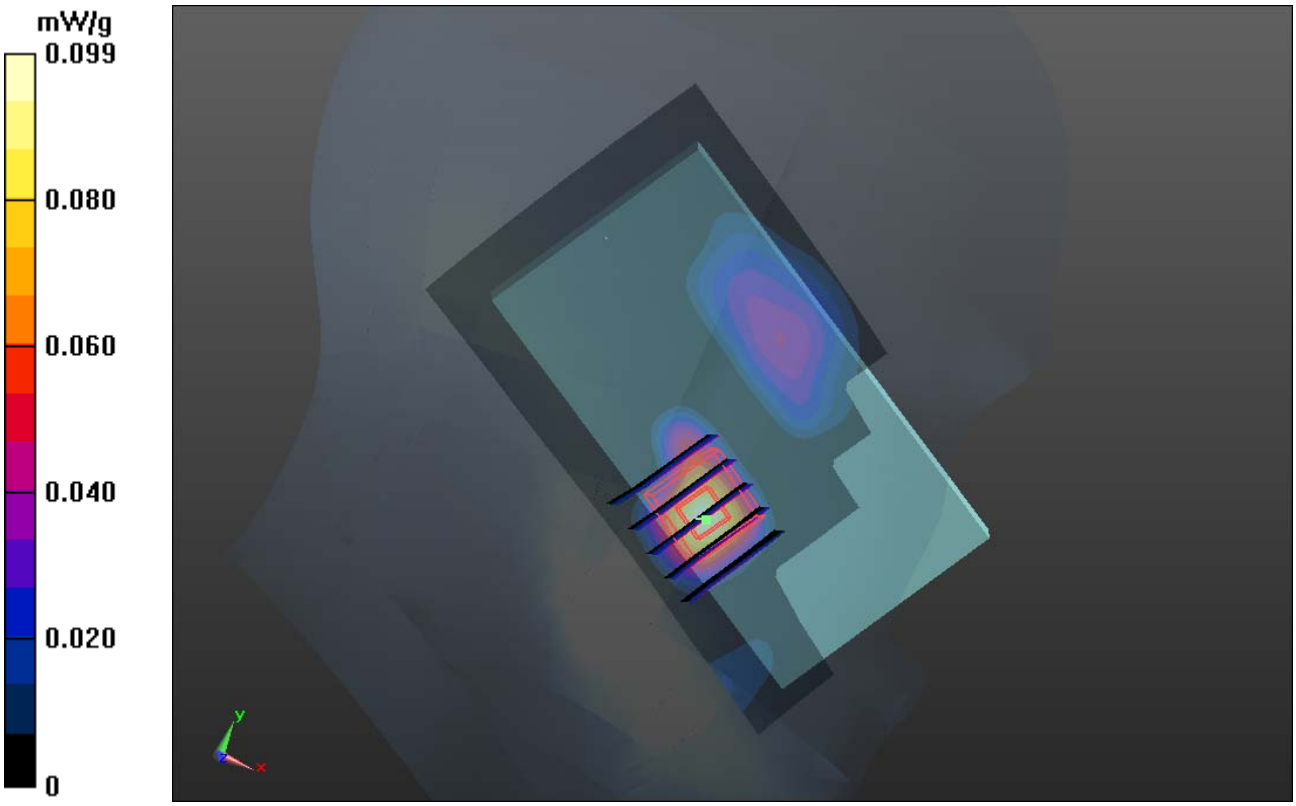
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1800_120220 Medium parameters used: f = 1711.25 MHz; σ = 1.36 mho/m; ε_r = 41.592; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.099 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.972 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.076 mW/g


mW/g
0.099
0.080
0.060
0.040
0.020
0
y
x

#173 CDMA 2000 BC15_RTAP 153.6_Right Cheek_Ch25

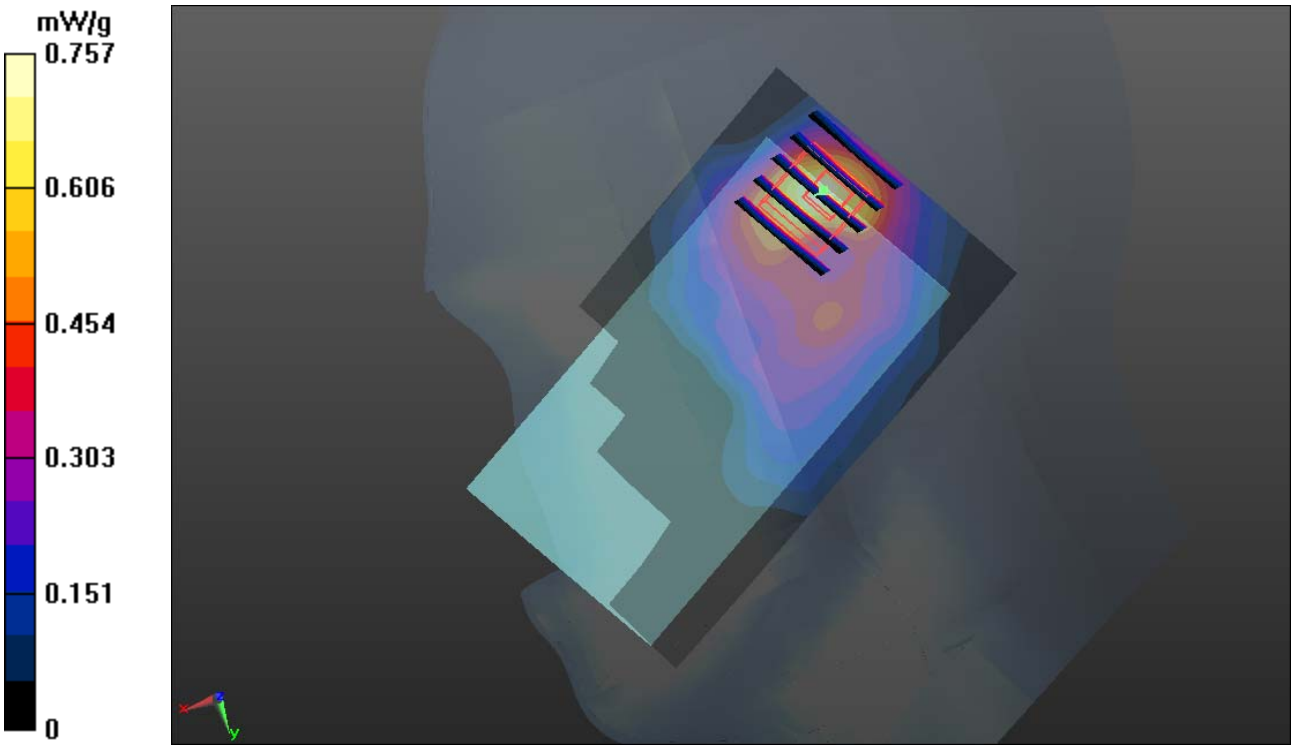
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.757 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.788 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.247 W/kg
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.769 mW/g


mW/g
0.757
0.606
0.454
0.303
0.151
0

#174 CDMA 2000 BC15_RTAP 153.6_Right Tilted_Ch25

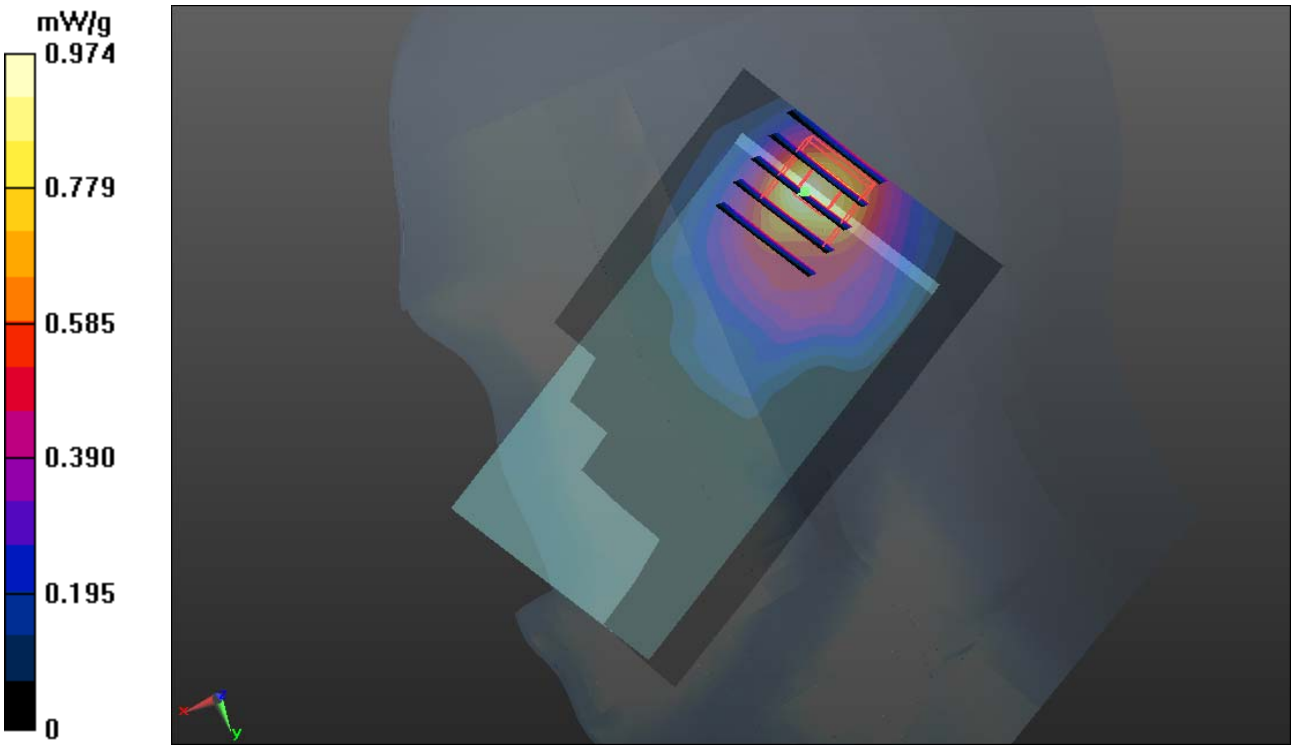
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.742 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.595 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.962 mW/g


mW/g
0.974
0.779
0.585
0.390
0.195
0

#175 CDMA 2000 BC15_RTAP 153.6_Left Cheek_Ch25

DUT: 1N0701

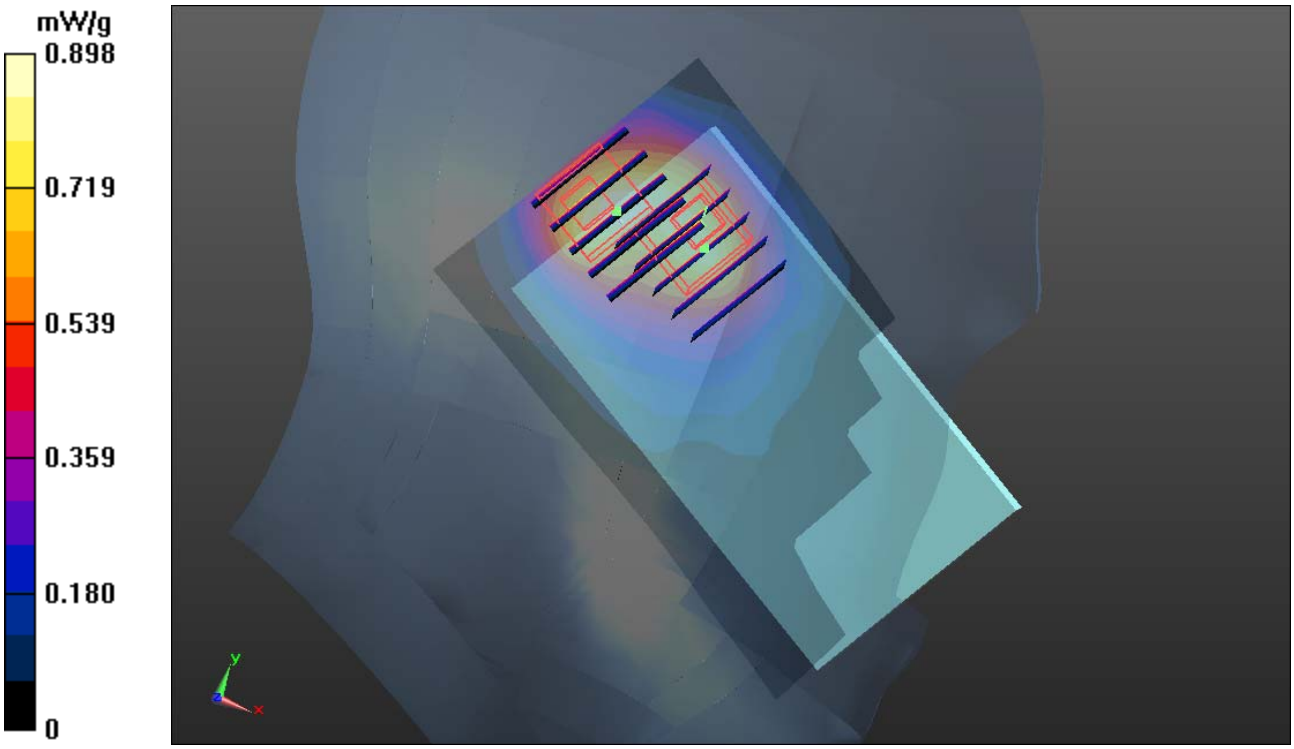
Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.898 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.834 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.235 W/kg
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.456 mW/g.
Maximum value of SAR (measured) = 0.809 mW/g

ConCh25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.834 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.340 W/kg
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.416 mW/g
Maximum value of SAR (measured) = 0.841 mW/g


mW/g
0.898
0.719
0.539
0.359
0.180
0
y
x

#176 CDMA 2000 BC15_RTAP 153.6_Left Tilted_Ch25

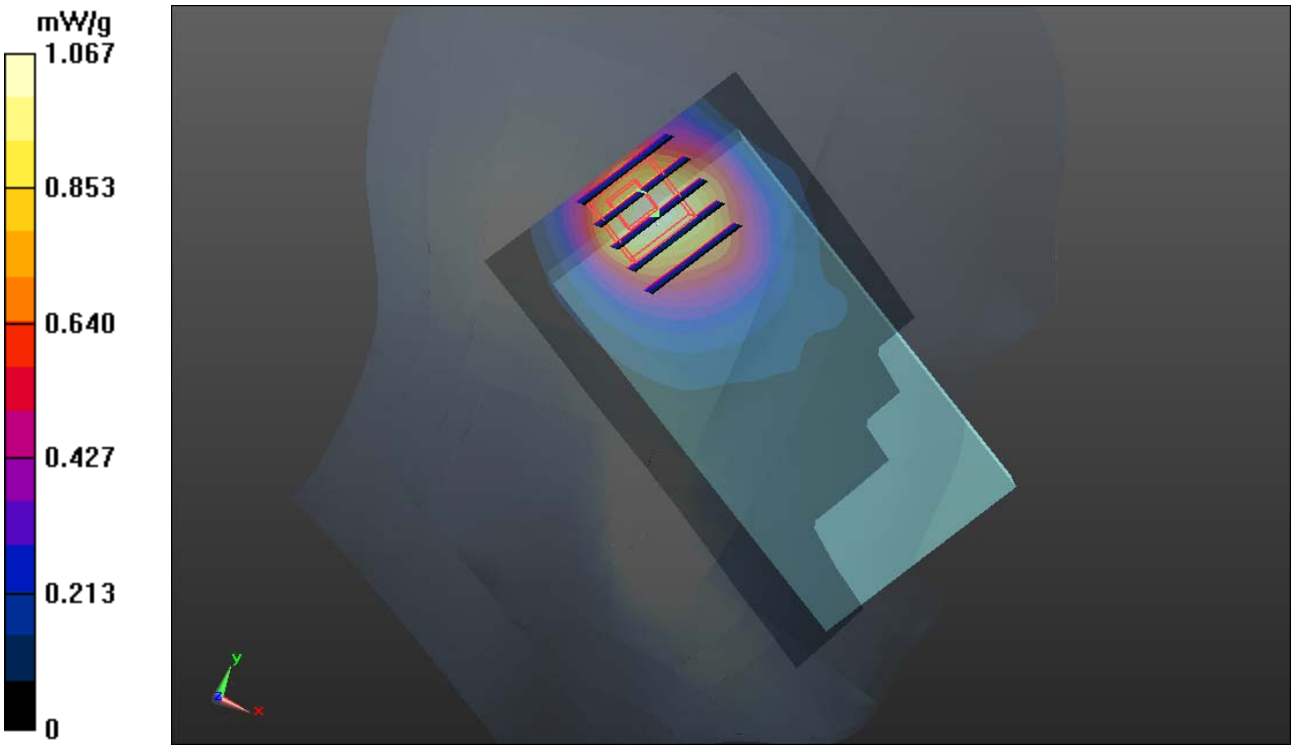
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1711.25 MHz; σ = 1.334 mho/m; ε_r = 41.569; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.067 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.799 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.687 W/kg
SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.547 mW/g
Maximum value of SAR (measured) = 1.041 mW/g


mW/g
1.067
0.853
0.640
0.427
0.213
0
y
x

#179 CDMA 2000 BC15_RTAP 153.6_Right Tilted_Ch425

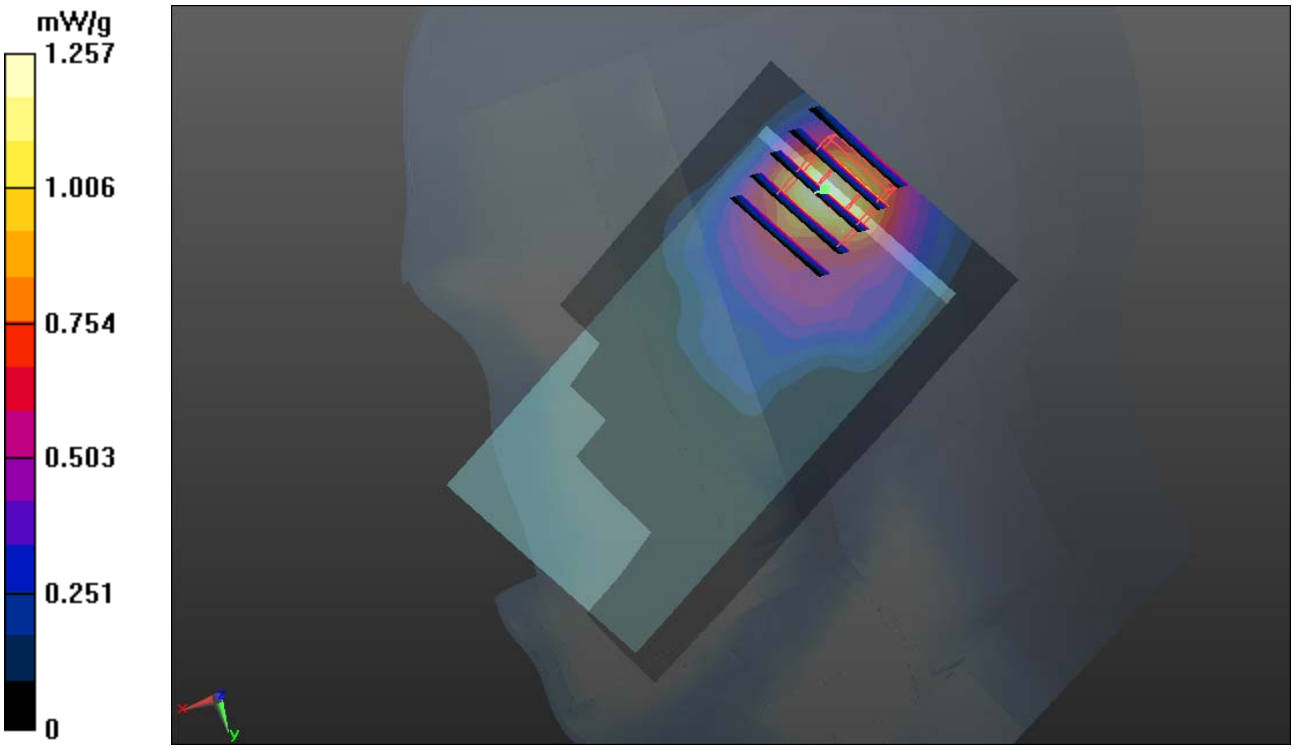
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1731.25 MHz; σ = 1.356 mho/m; ε_r = 41.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch425/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.257 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.838 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.994 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 1.212 mW/g


mW/g
1.257
1.006
0.754
0.503
0.251
0

#180 CDMA 2000 BC15_RTAP 153.6_Right Tilted_Ch875

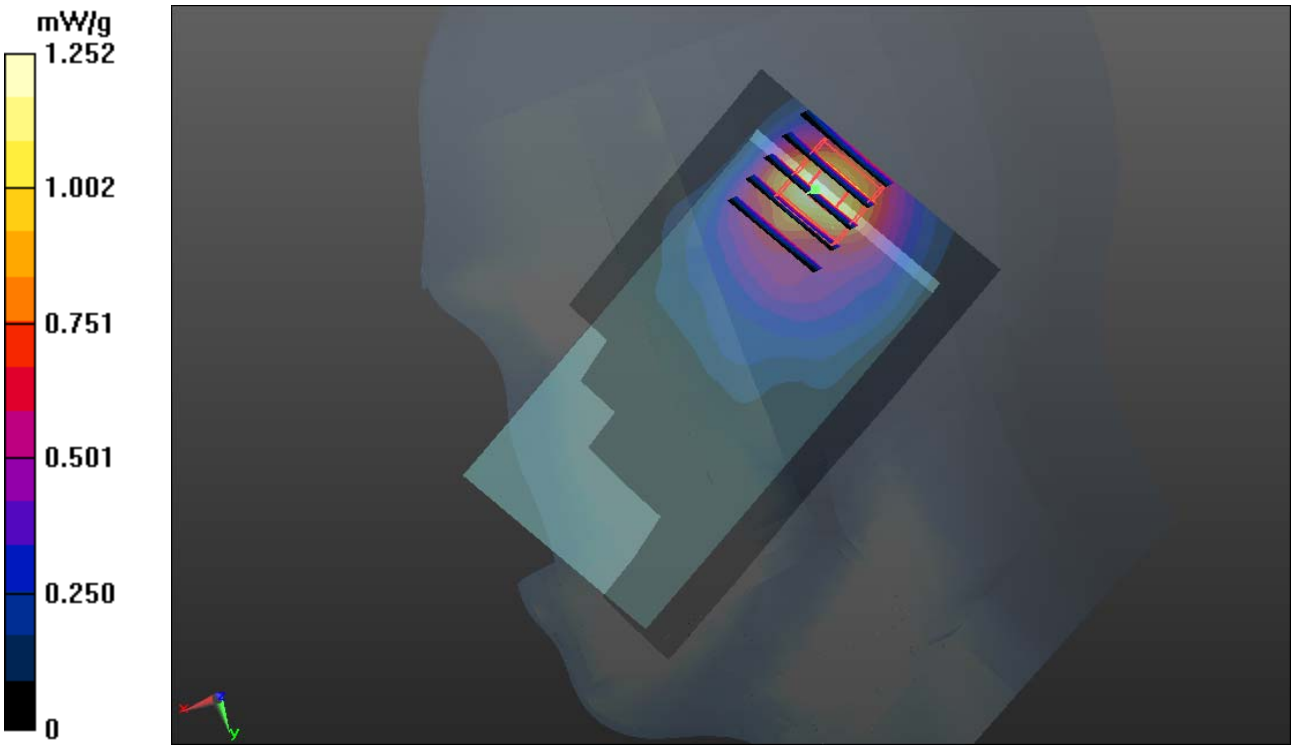
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1754 MHz; σ = 1.38 mho/m; ε_r = 41.355; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch875/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.252 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.739 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.060 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 1.235 mW/g


mW/g
1.252
1.002
0.751
0.501
0.250
0

#177 CDMA 2000 BC15_RTAP 153.6_Left Tilted_Ch425

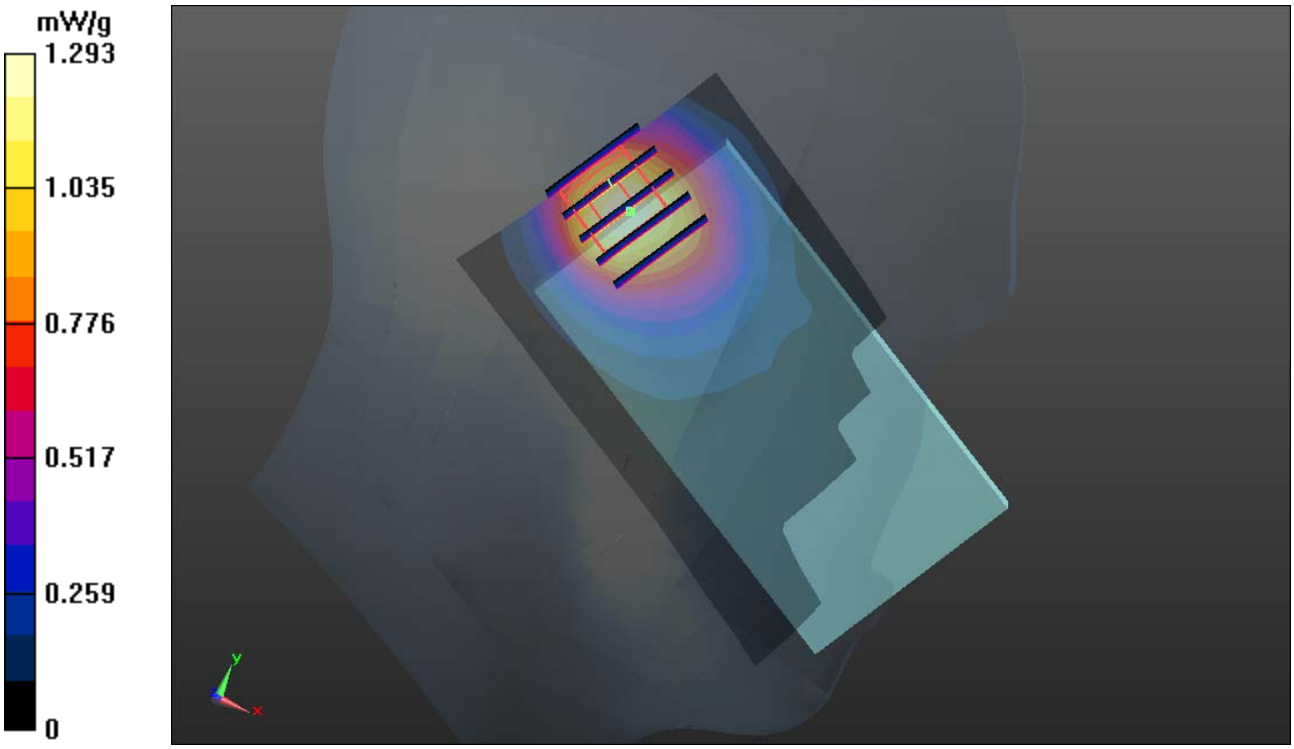
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1731.25 MHz; σ = 1.356 mho/m; ε_r = 41.47; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch425/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.293 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.567 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.097 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.687 mW/g
Maximum value of SAR (measured) = 1.314 mW/g


mW/g
1.293
1.035
0.776
0.517
0.259
0
y
x

#178 CDMA 2000 BC15_RTAP 153.6_Left Tilted_Ch875

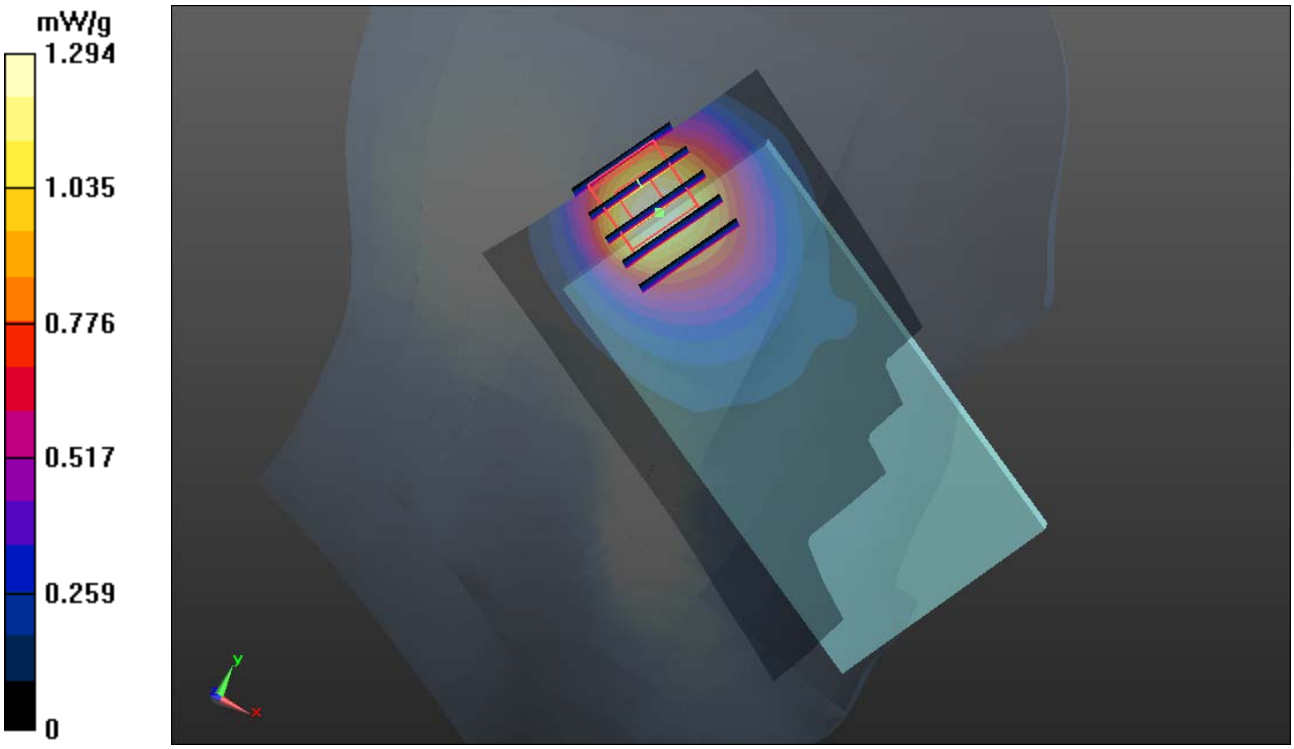
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1754 MHz; σ = 1.38 mho/m; ε_r = 41.355; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch875/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.294 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.889 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.151 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.686 mW/g
Maximum value of SAR (measured) = 1.341 mW/g


mW/g
1.294
1.035
0.776
0.517
0.259
0
y
x

#178 CDMA 2000 BC15_RTAP 153.6_Left Tilted_Ch875_2D

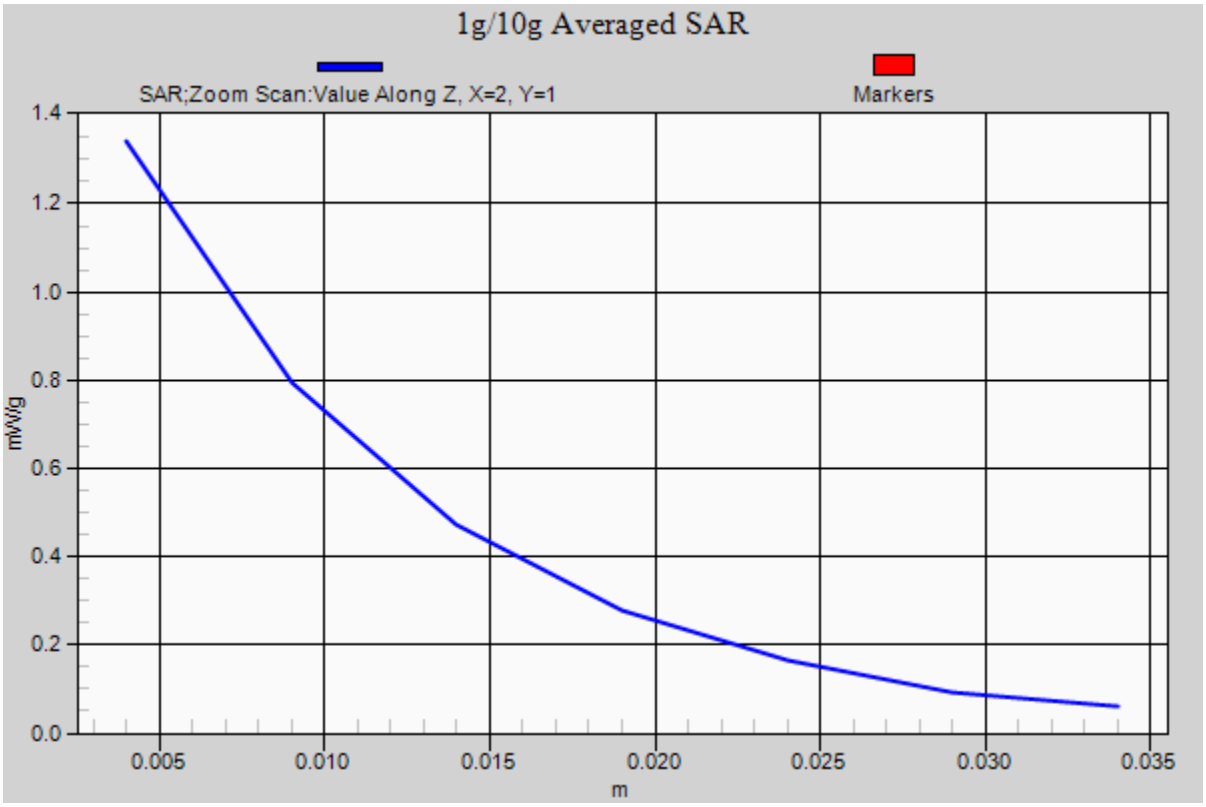
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1754 MHz; σ = 1.38 mho/m; ε_r = 41.355; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch875/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.294 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.889 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.151 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.686 mW/g
Maximum value of SAR (measured) = 1.341 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=1
Markers
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#267 CDMA 2000 BC1_RTAP 153.6_Left Cheek_Ch600_17

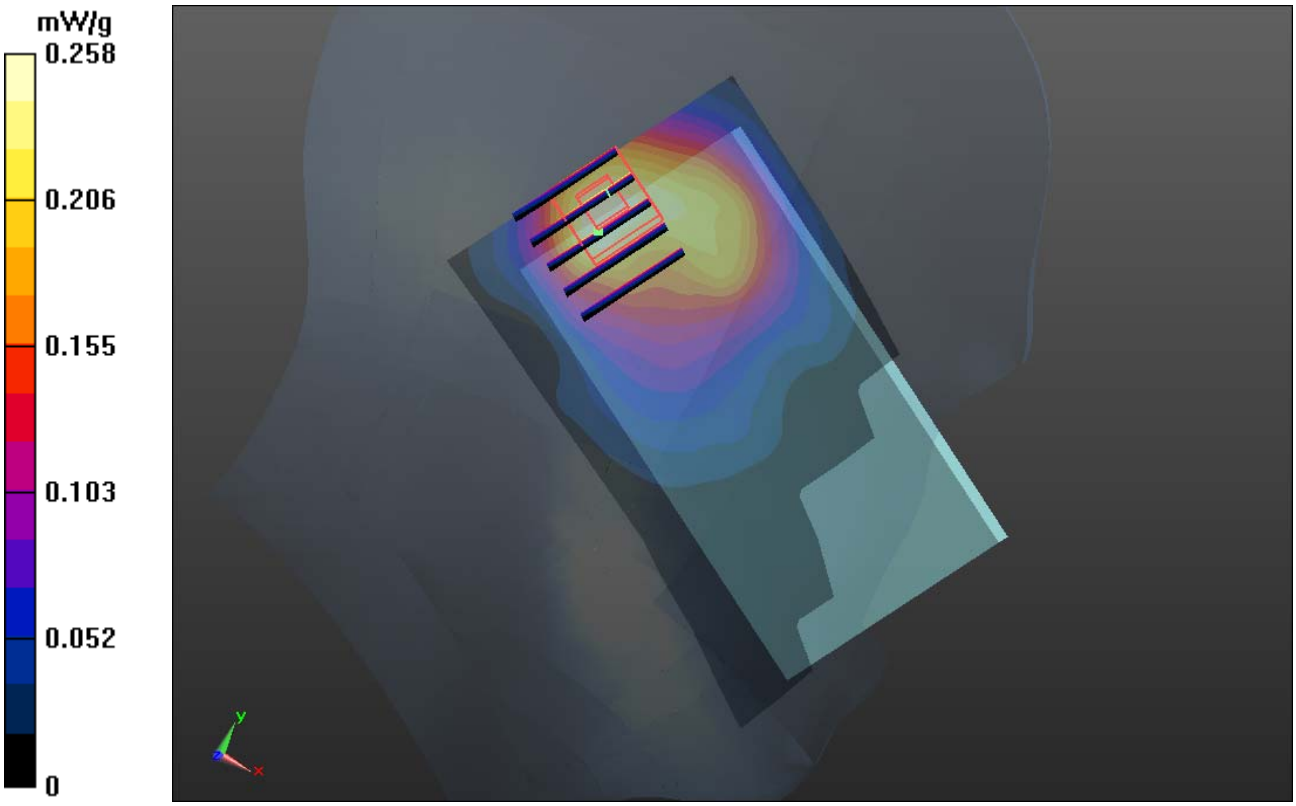
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120220 Medium parameters used: f = 1880 MHz; σ = 1.428 mho/m; ε_r = 39.172; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; 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)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.258 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.774 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.256 mW/g


mW/g
0.258
0.206
0.155
0.103
0.052
0
y
x

#185 CDMA 2000 BC1_RC3 SO55_Right Cheek_Ch25

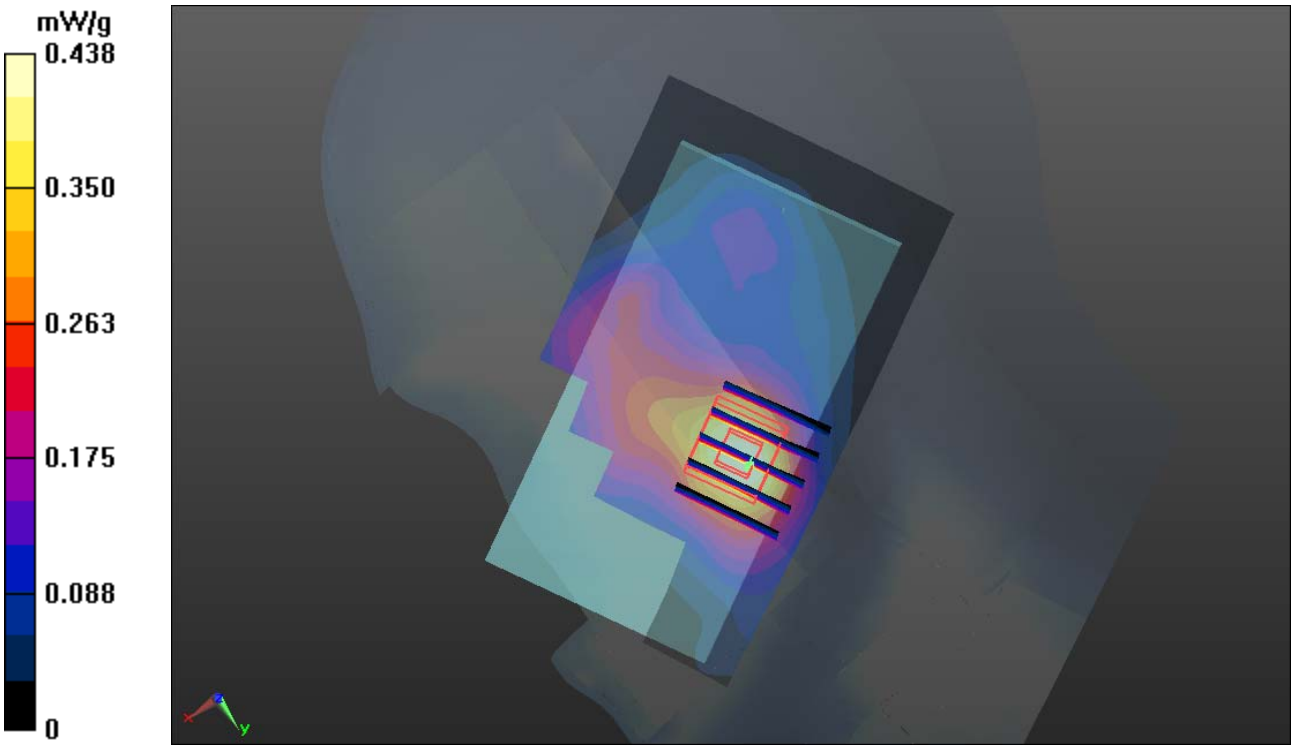
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120109 Medium parameters used: f = 1851.25 MHz; σ = 1.395 mho/m; ε_r = 40.09; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.438 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.972 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.617 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.439 mW/g


mW/g
0.438
0.350
0.263
0.175
0.088
0

#186 CDMA 2000 BC1_RC3 SO55_Right Tilted_Ch25

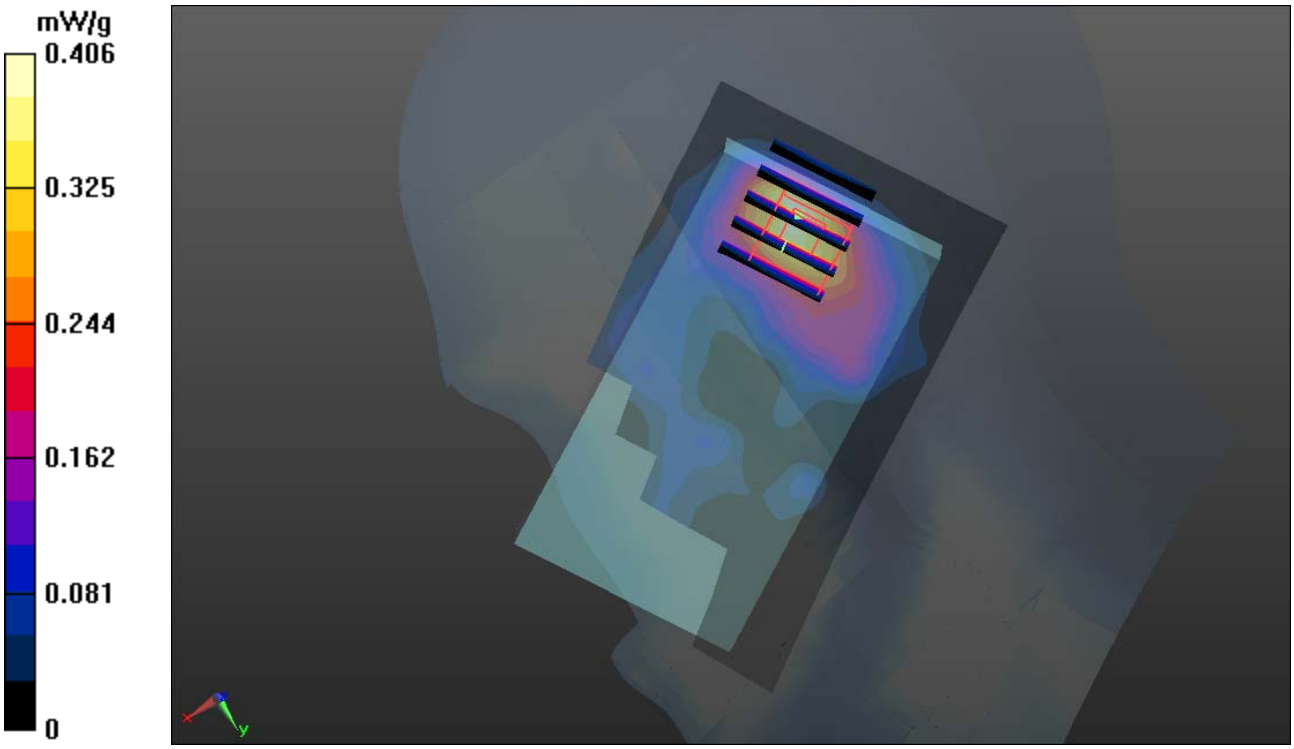
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120109 Medium parameters used: f = 1851.25 MHz; σ = 1.395 mho/m; ε_r = 40.09; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.406 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.913 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.567 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.344 mW/g


mW/g
0.406
0.325
0.244
0.162
0.081
0

#187 CDMA 2000 BC1_RC3 SO55_Left Cheek_Ch25

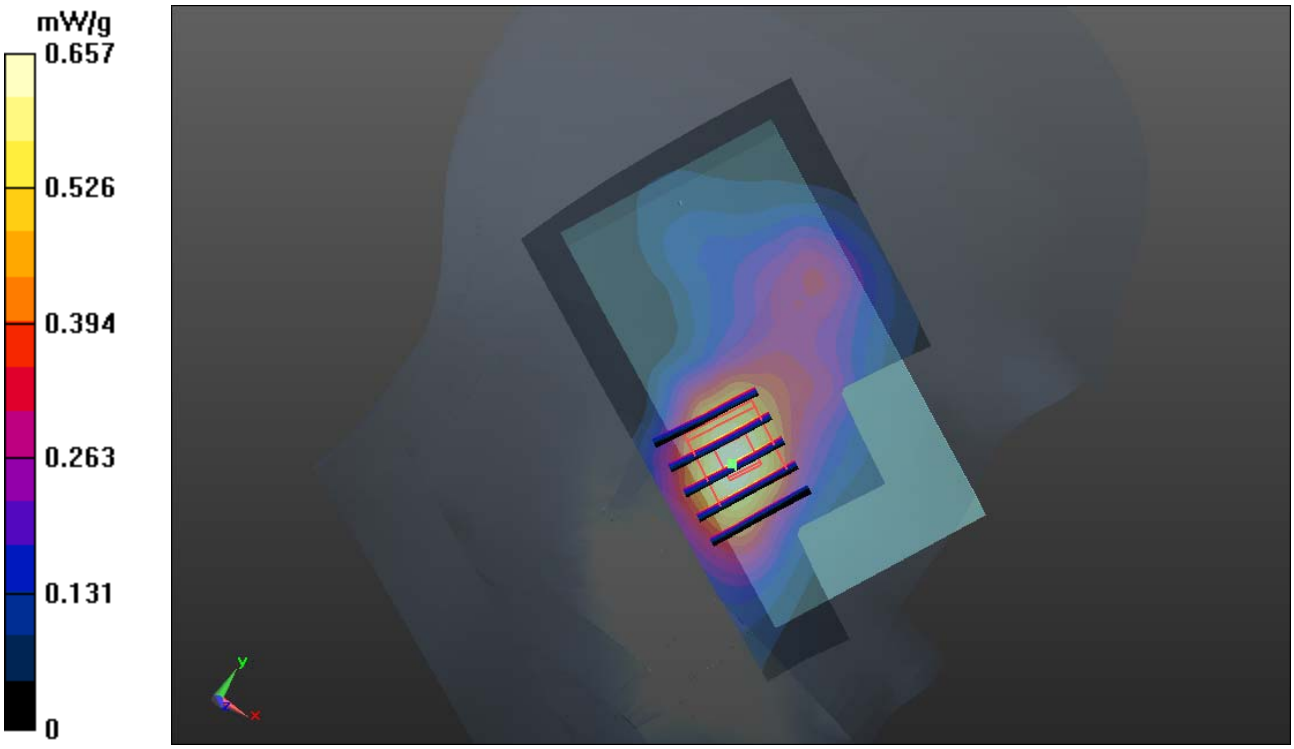
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120109 Medium parameters used: f = 1851.25 MHz; σ = 1.395 mho/m; ε_r = 40.09; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.657 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.951 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.050 W/kg
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 0.668 mW/g


mW/g
0.657
0.526
0.394
0.263
0.131
0
y
x

#187 CDMA 2000 BC1_RC3 SO55_Left Cheek_Ch25_2D

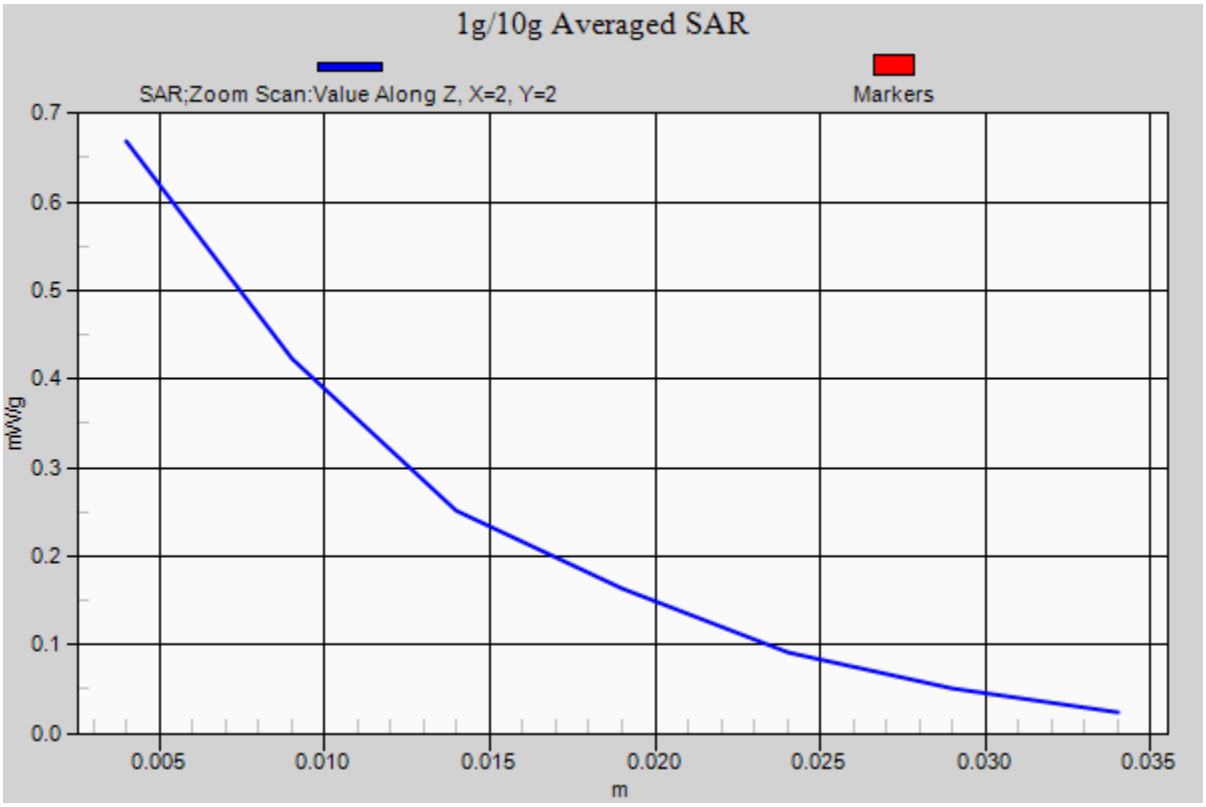
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120109 Medium parameters used: f = 1851.25 MHz; σ = 1.395 mho/m; ε_r = 40.09; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.657 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.951 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.050 W/kg
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 0.668 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#188 CDMA 2000 BC1_RC3 SO55_Left Tilted_Ch25

DUT: 1N0701

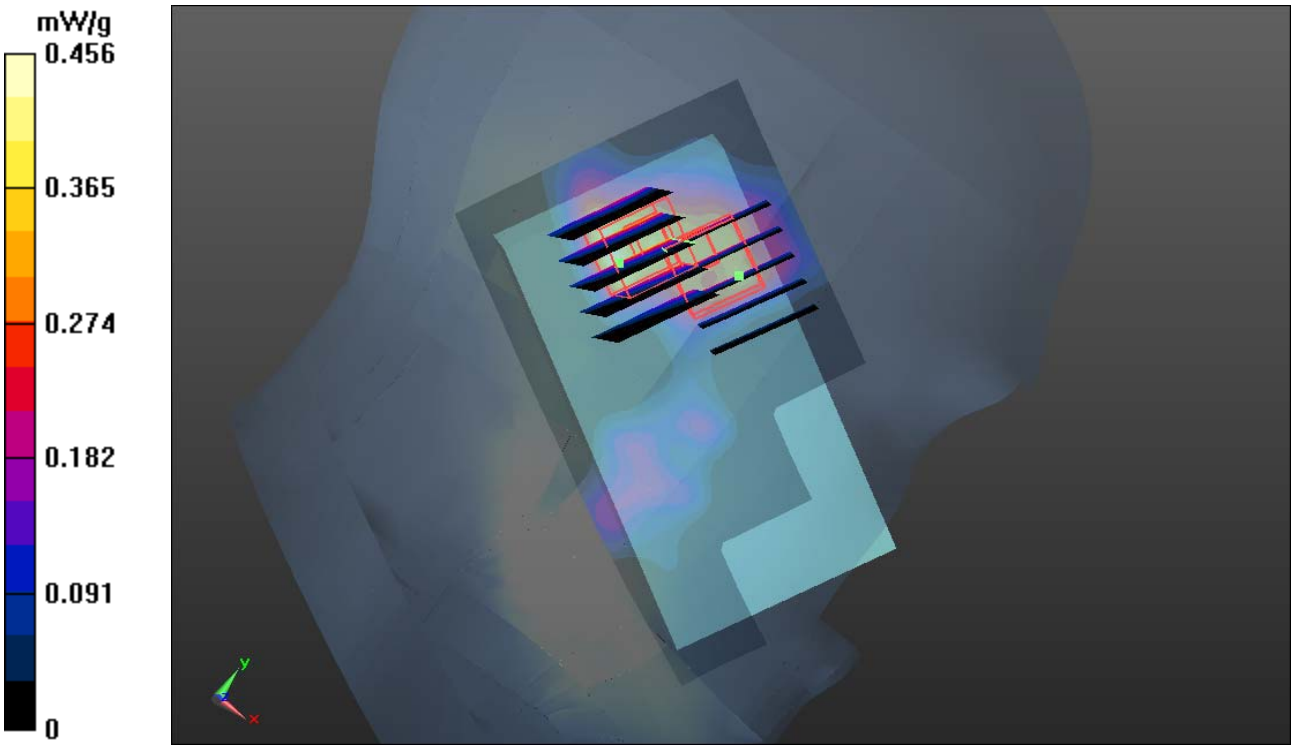
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120109 Medium parameters used: f = 1851.25 MHz; σ = 1.395 mho/m; ε_r = 40.09; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.456 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.029 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.346 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.029 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.349 mW/g


mW/g
0.456
0.365
0.274
0.182
0.091
0
y
x

#226 CDMA 2000 BC1_RC3 SO55_Right Tilted_Ch25_15.5

DUT: 1N0701

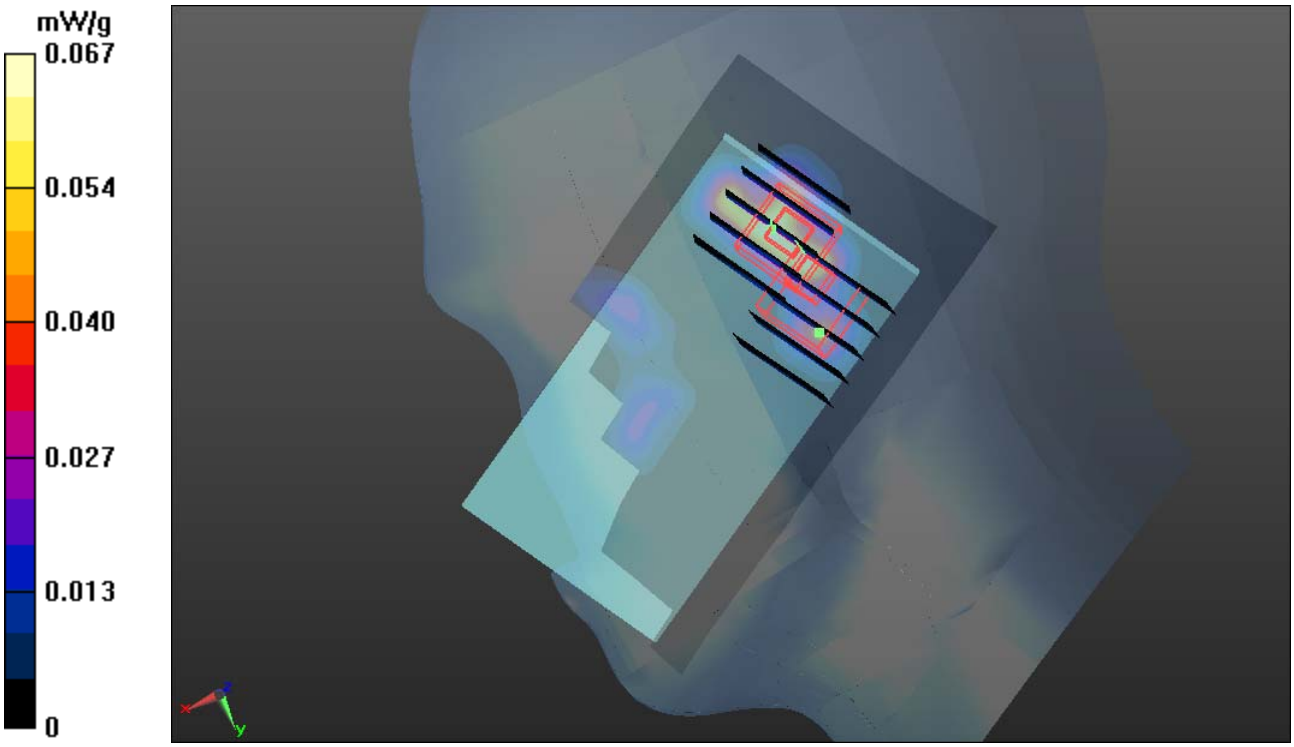
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.366 mho/m; ε_r = 41.26; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.483 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.037 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.483 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.047 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.035 mW/g


mW/g
0.067
0.054
0.040
0.027
0.013
0

#244 CDMA 2000 BC1_RC3 SO55_Right Tilted_Ch25_18.5

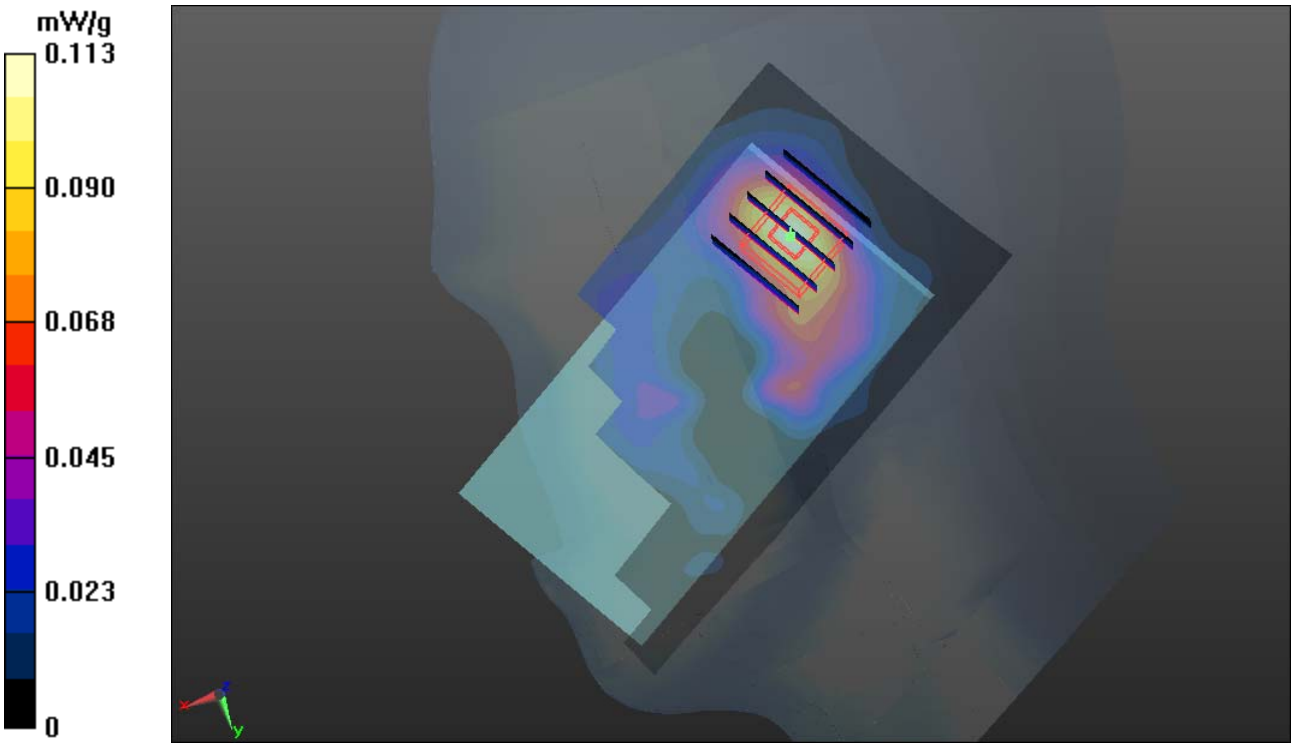
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.366 mho/m; ε_r = 41.26; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.113 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.517 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.104 mW/g


mW/g
0.113
0.090
0.068
0.045
0.023
0

#227 CDMA 2000 BC1_RC3 SO55_left Tilted_Ch25_15.5

DUT: 1N0701

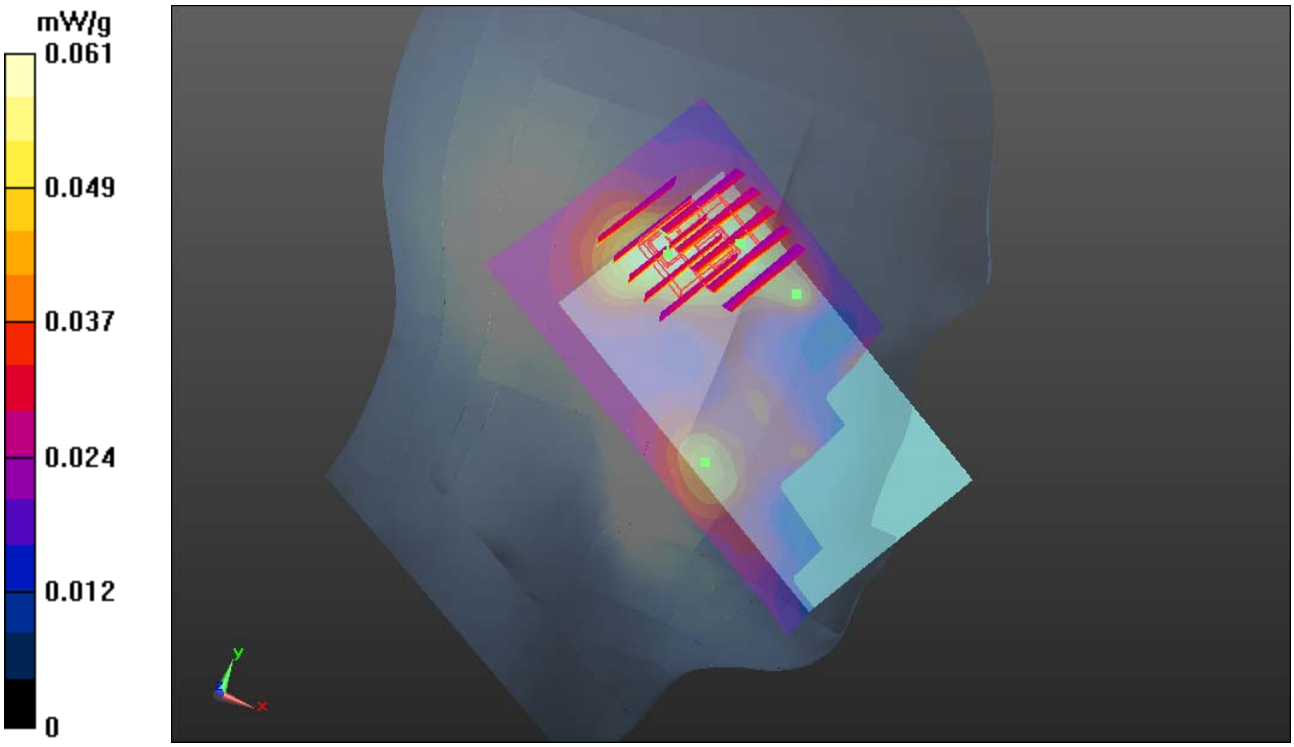
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.366 mho/m; ε_r = 41.26; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.061 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.926 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.059 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.926 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.077 W/kg
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.060 mW/g


mW/g
0.061
0.049
0.037
0.024
0.012
0
y
x

#245 CDMA 2000 BC1_RC3 SO55_left Tilted_Ch25_18.5

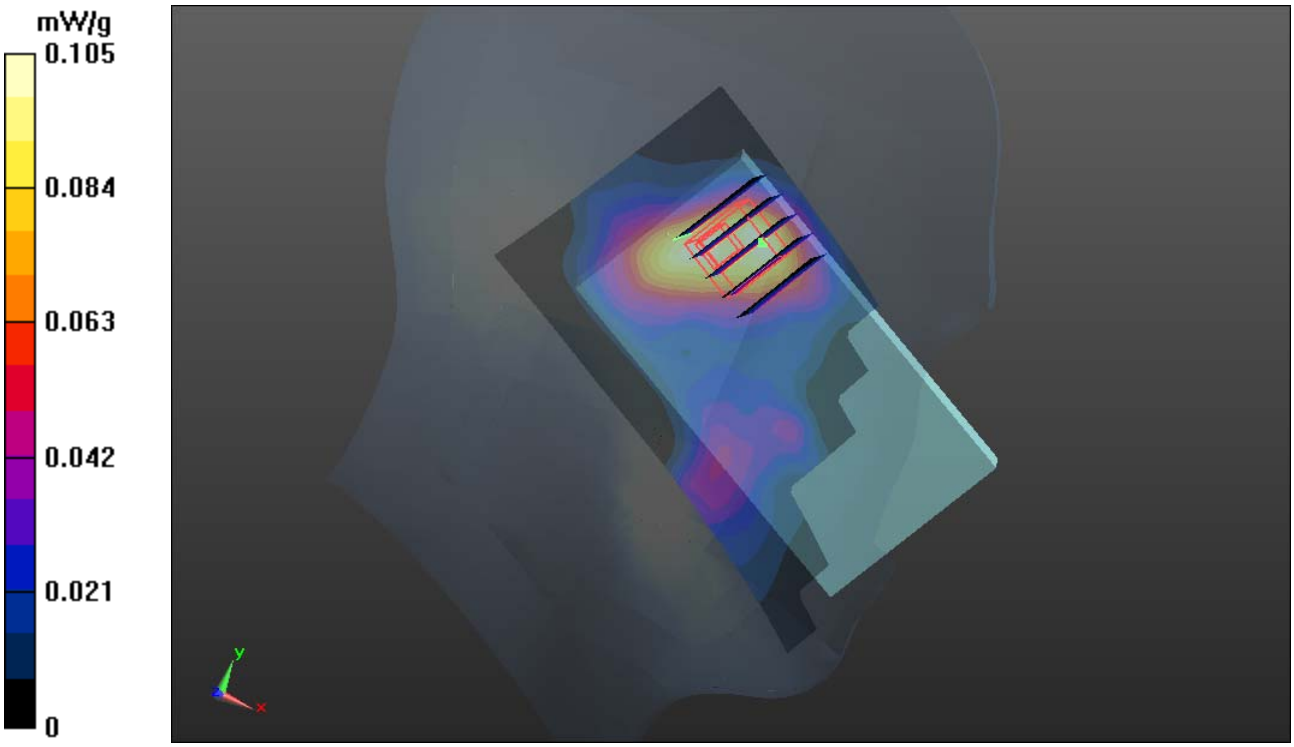
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.366 mho/m; ε_r = 41.26; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.105 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.757 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.097 mW/g


mW/g
0.105
0.084
0.063
0.042
0.021
0
y
x

#268 CDMA 2000 BC1_RC3 SO55_Left Cheek_Ch25_15.5

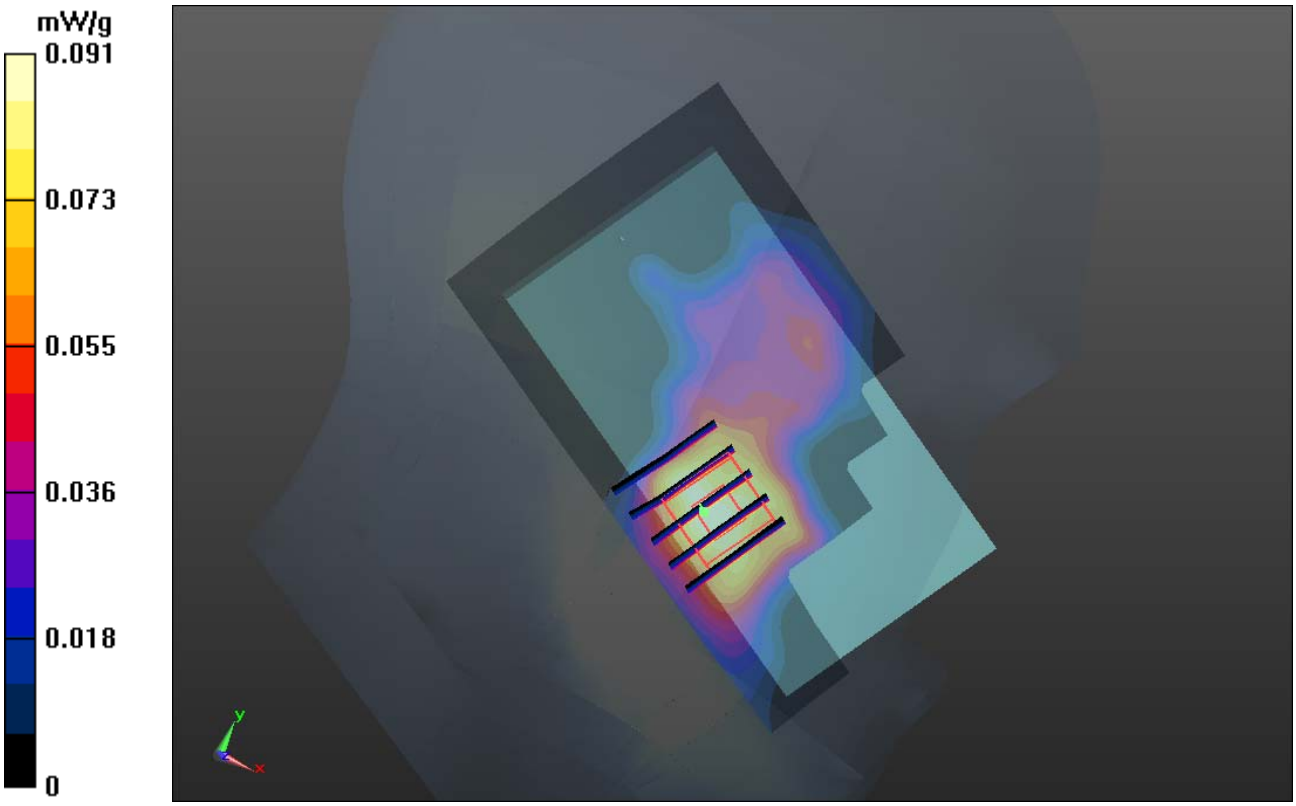
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120220 Medium parameters used: f = 1851.25 MHz; σ = 1.399 mho/m; ε_r = 39.275; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.091 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.058 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.090 mW/g


mW/g
0.091
0.073
0.055
0.036
0.018
0
y
x

#157 CDMA 2000 BC1_RTAP 153.6_Right Cheek_Ch1175

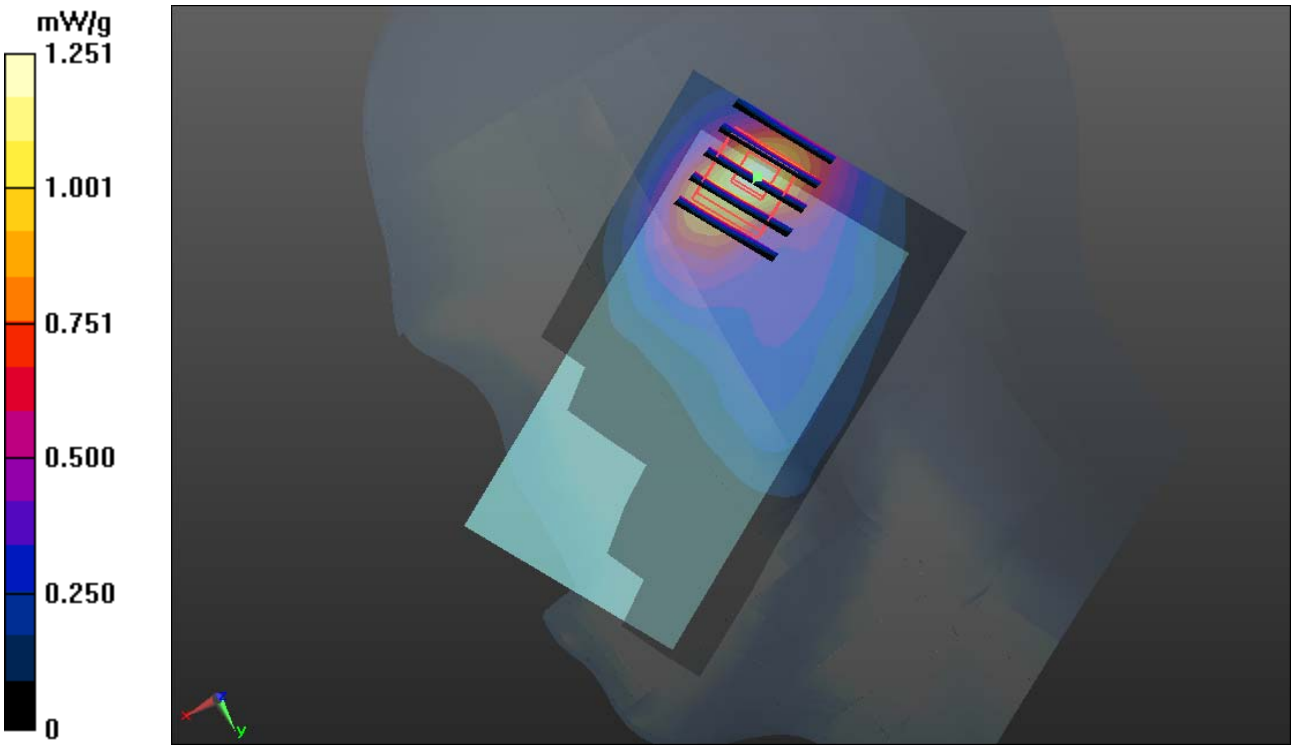
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1909 MHz; σ = 1.421 mho/m; ε_r = 39.309; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.251 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.131 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.096 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.582 mW/g
Maximum value of SAR (measured) = 1.234 mW/g


mW/g
1.251
1.001
0.751
0.500
0.250
0

#158 CDMA 2000 BC1_RTAP 153.6_Right Tilted_Ch1175

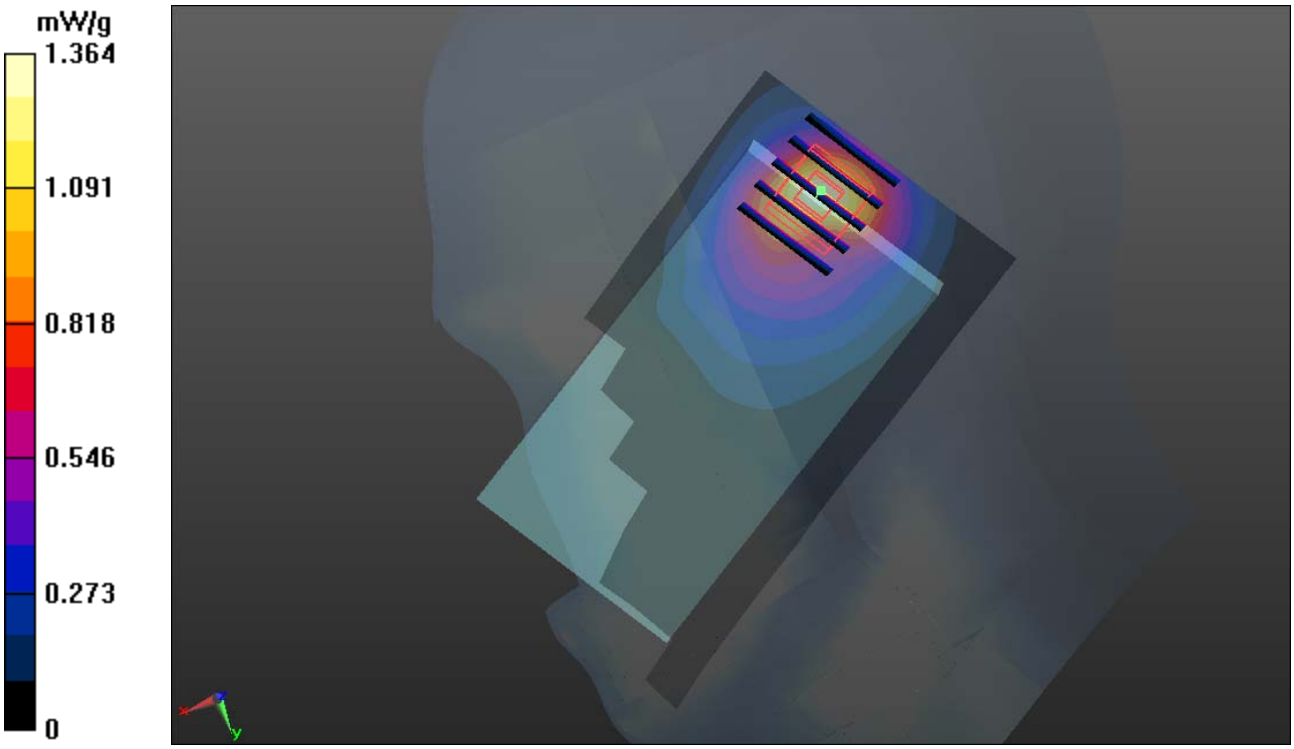
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1909 MHz; σ = 1.421 mho/m; ε_r = 39.309; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：21.2 ℃

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)

Ch1175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.364 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.205 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.320 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.650 mW/g
Maximum value of SAR (measured) = 1.381 mW/g


mW/g
1.364
1.091
0.818
0.546
0.273
0

#159 CDMA 2000 BC1_RTAP 153.6_Left Cheek_Ch1175

DUT: 1N0701

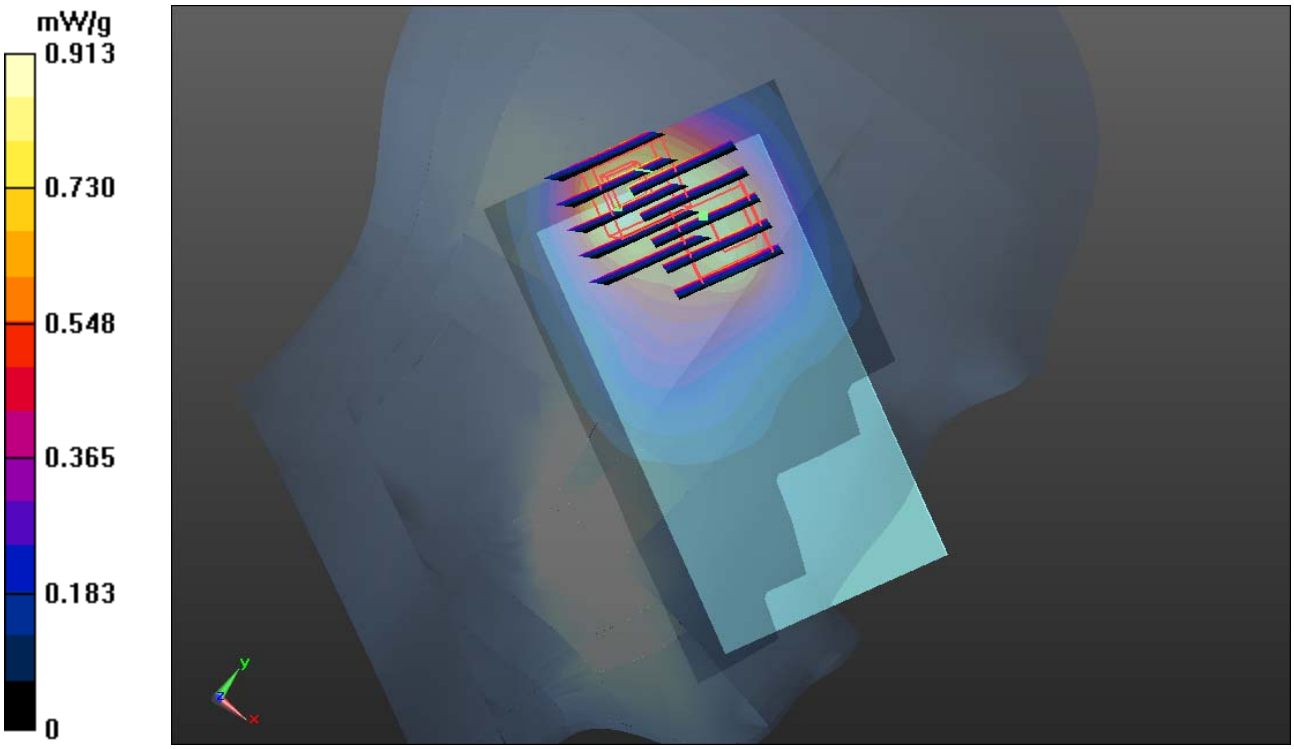
Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1909 MHz; σ = 1.421 mho/m; ε_r = 39.309; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：21.2 ℃

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)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.913 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.167 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.549 W/kg
SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.903 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.167 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.572 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 0.941 mW/g


mW/g
0.913
0.730
0.548
0.365
0.183
0

#160 CDMA 2000 BC1_RTAP 153.6_Left Tilted_Ch1175

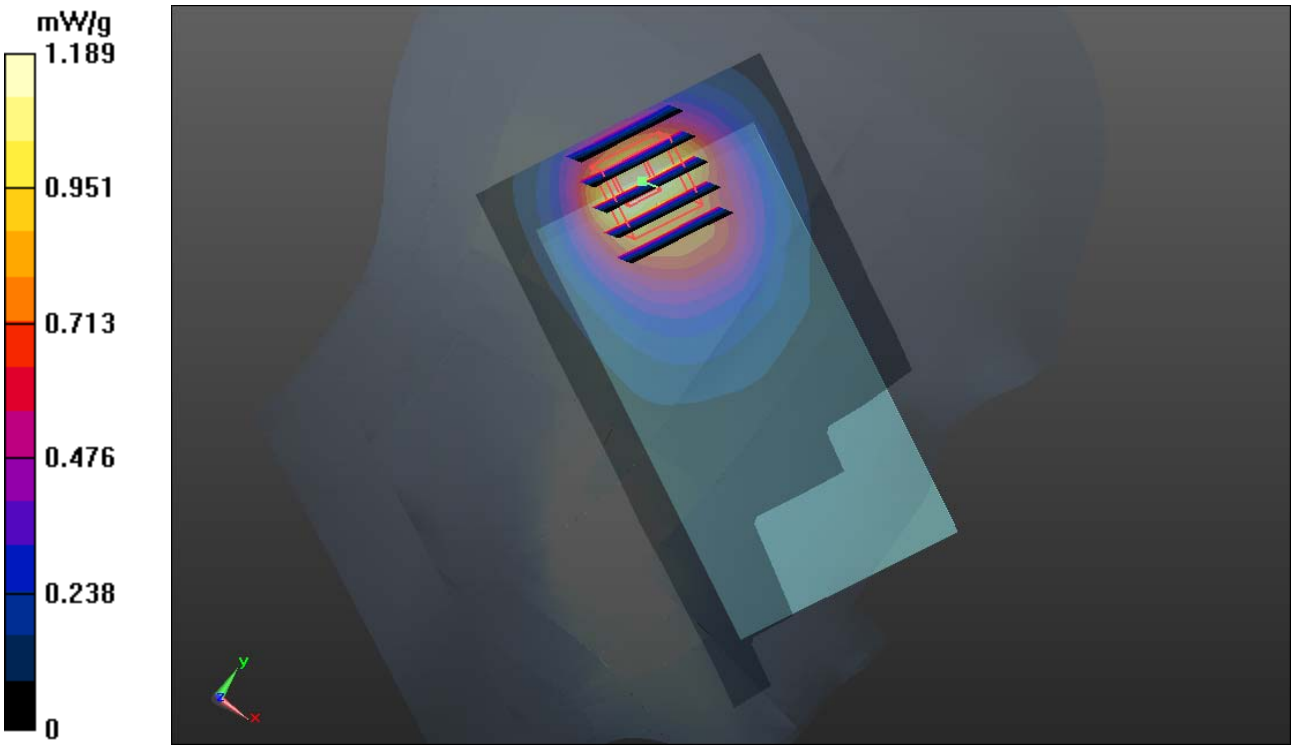
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1909 MHz; σ = 1.421 mho/m; ε_r = 39.309; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch1175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.189 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.197 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.866 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 1.145 mW/g


mW/g
1.189
0.951
0.713
0.476
0.238
0
y
x

#161 CDMA 2000 BC1_RTAP 153.6_Right Cheek_Ch25

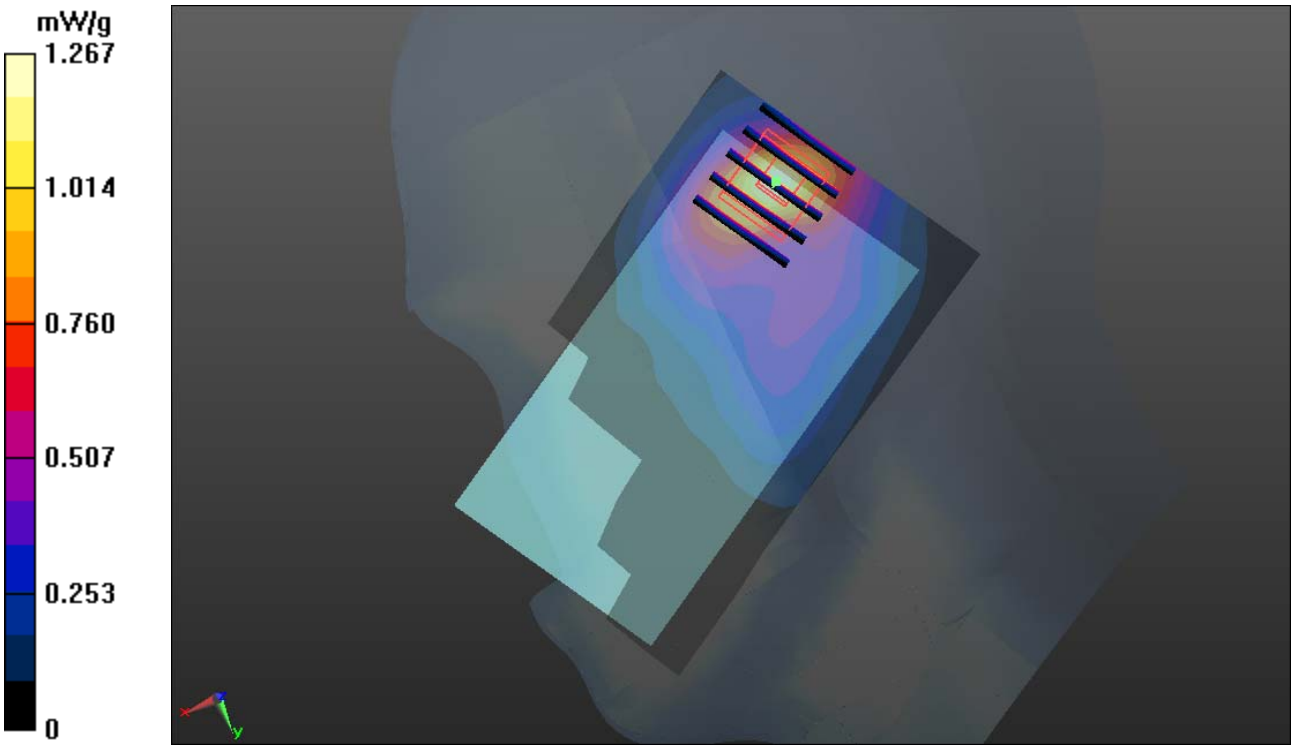
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1851.25 MHz; σ = 1.352 mho/m; ε_r = 39.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.267 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.485 V/m; Power Drift = 0.0012 dB
Peak SAR (extrapolated) = 2.049 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.580 mW/g
Maximum value of SAR (measured) = 1.225 mW/g


mW/g
1.267
1.014
0.760
0.507
0.253
0

#162 CDMA 2000 BC1_RTAP 153.6_Right Cheek_Ch600

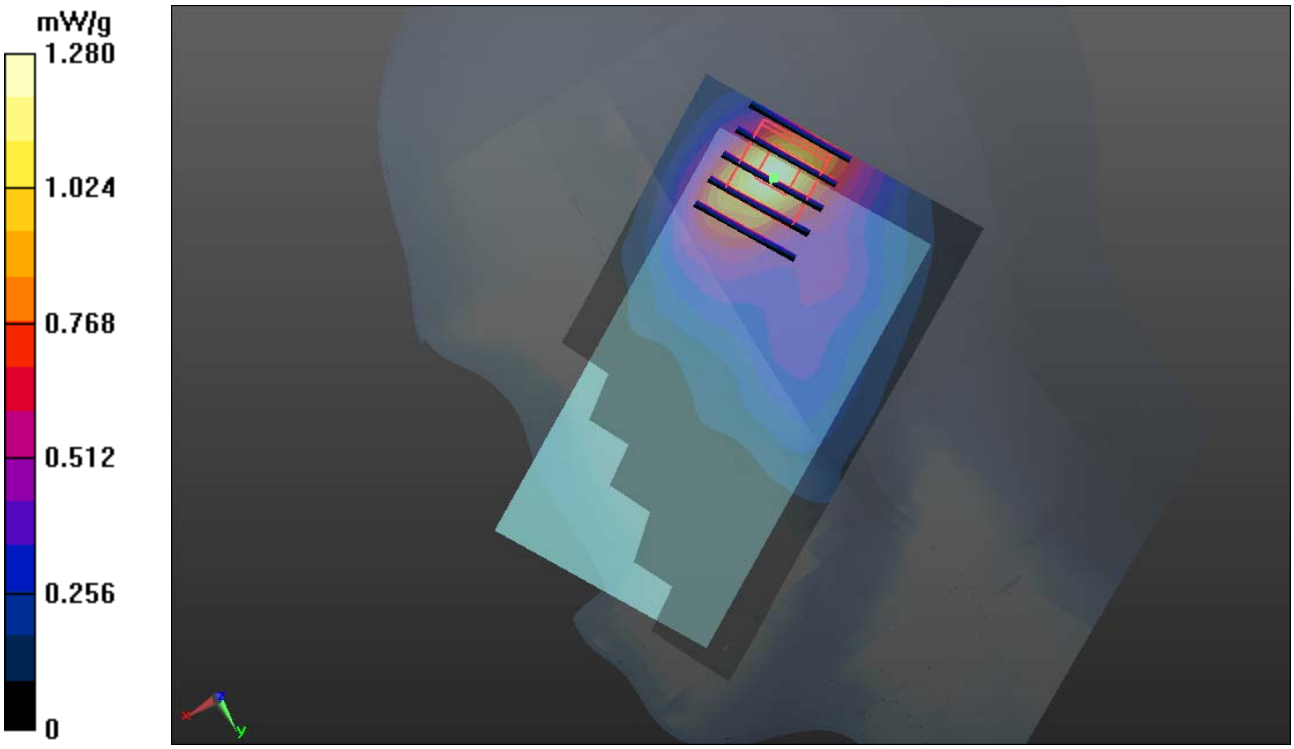
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1880 MHz; σ = 1.387 mho/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.280 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.829 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.148 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.603 mW/g
Maximum value of SAR (measured) = 1.231 mW/g


mW/g
1.280
1.024
0.768
0.512
0.256
0

#163 CDMA 2000 BC1_RTAP 153.6_Right Tilted_Ch25

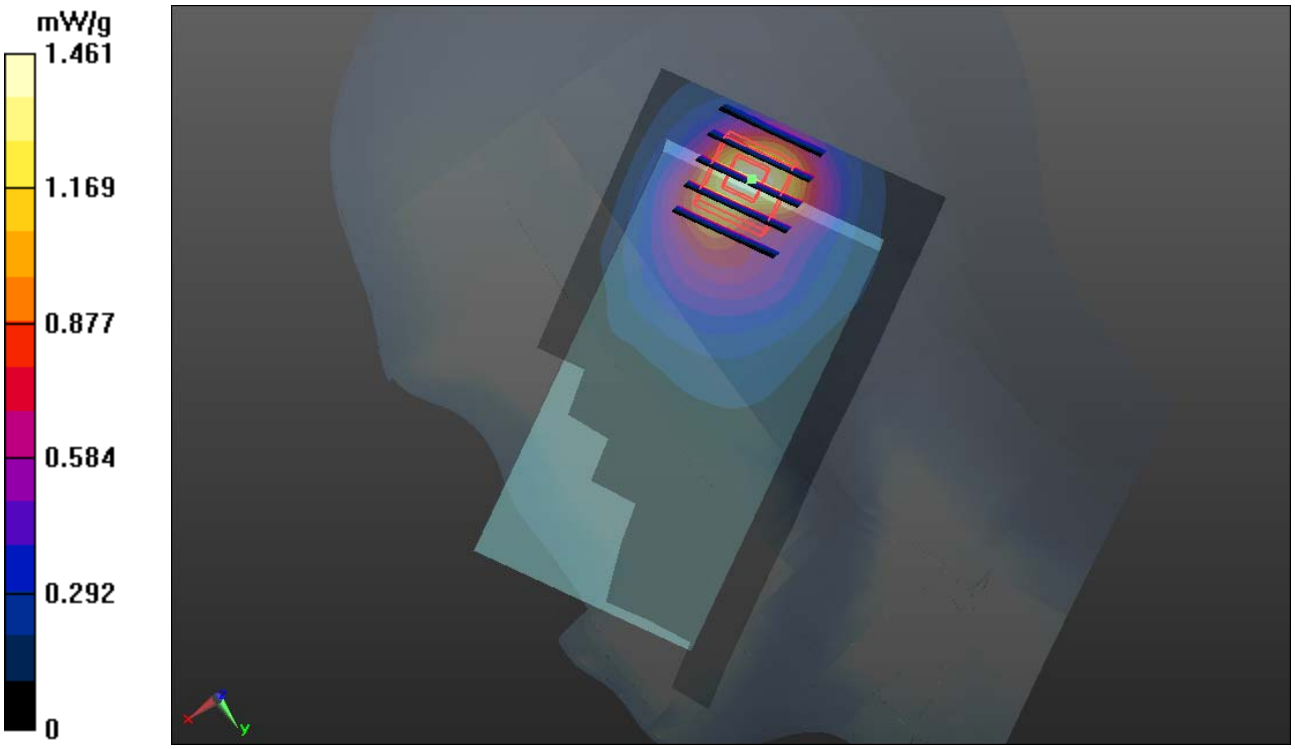
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1851.25 MHz; σ = 1.352 mho/m; ε_r = 39.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.461 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.734 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.575 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.742 mW/g
Maximum value of SAR (measured) = 1.560 mW/g


mW/g
1.461
1.169
0.877
0.584
0.292
0
y

#163 CDMA 2000 BC1_RTAP 153.6_Right Tilted_Ch25_2D

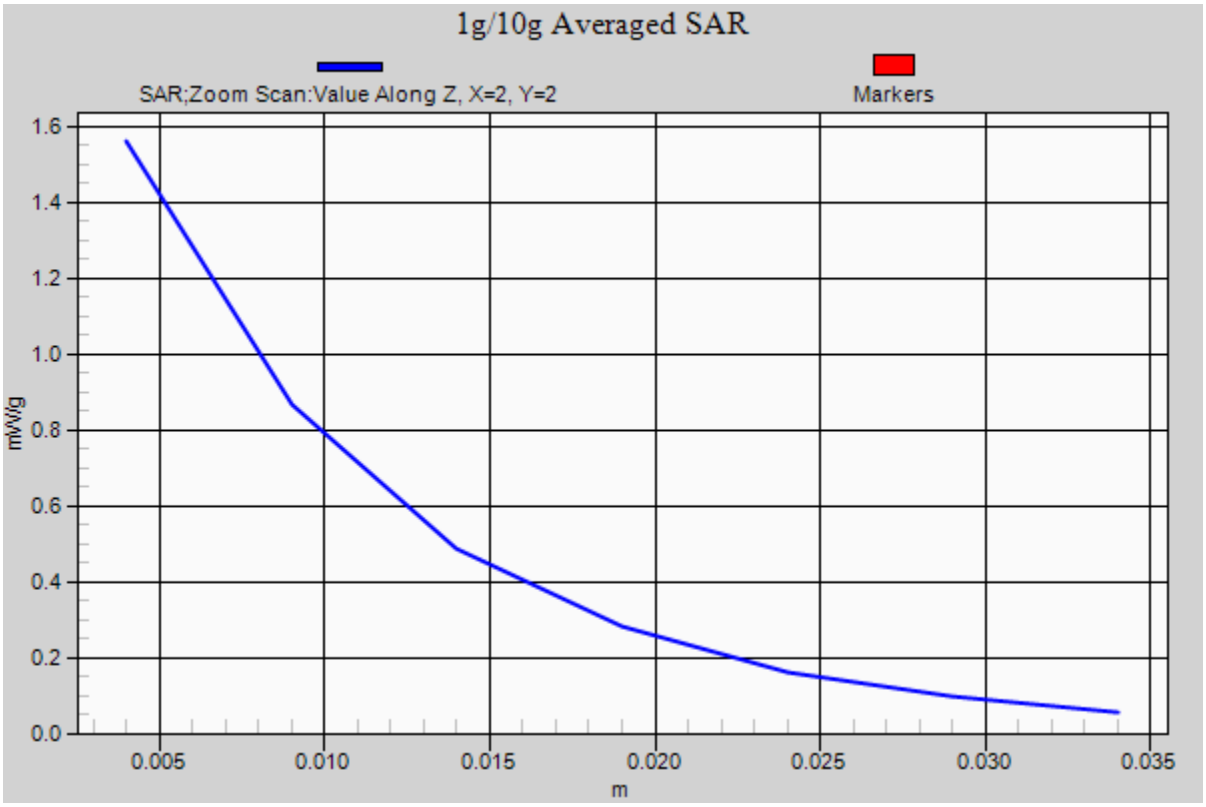
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.352 mho/m; ε_r = 39.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.461 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.734 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.575 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.742 mW/g
Maximum value of SAR (measured) = 1.560 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#164 CDMA 2000 BC1_RTAP 153.6_Right Tilted_Ch600

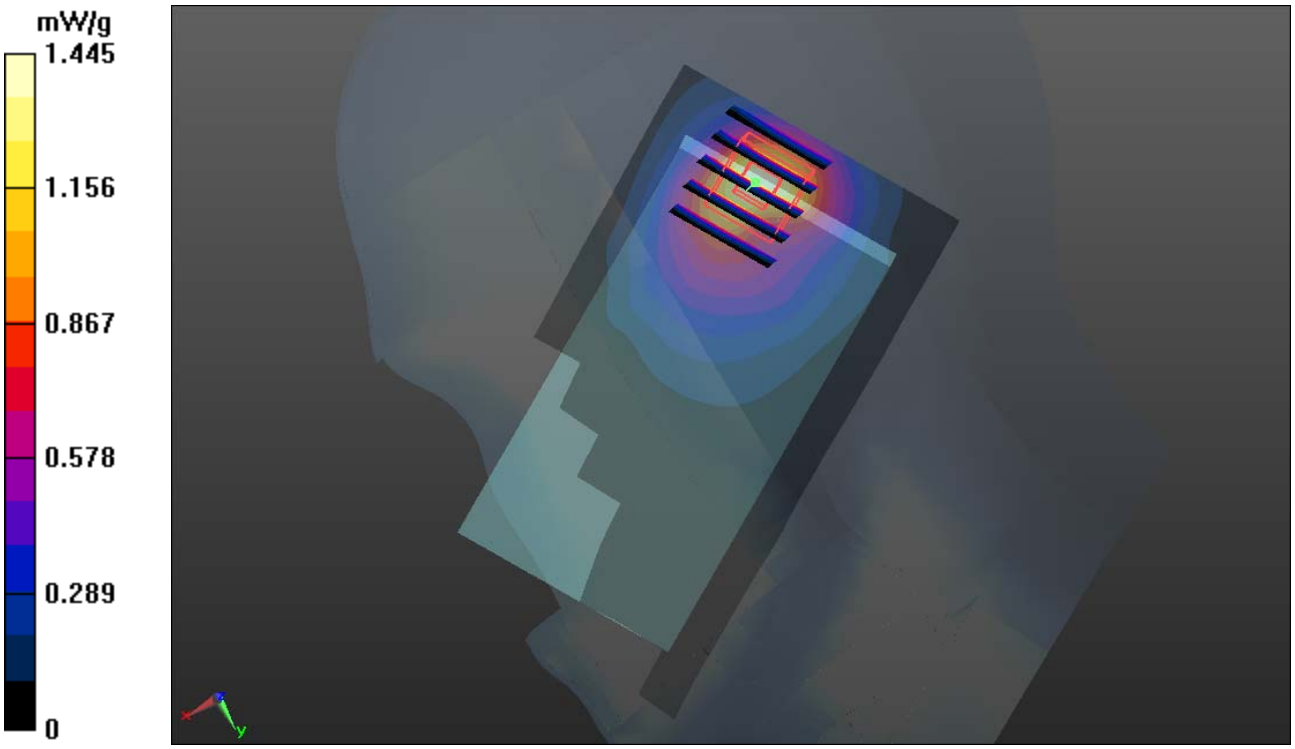
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1880 MHz; σ = 1.387 mho/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch600/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.445 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.426 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.541 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.719 mW/g
Maximum value of SAR (measured) = 1.538 mW/g


mW/g
1.445
1.156
0.867
0.578
0.289
0
y

#165 CDMA 2000 BC1_RTAP 153.6_Left Cheek_Ch25

DUT: 1N0701

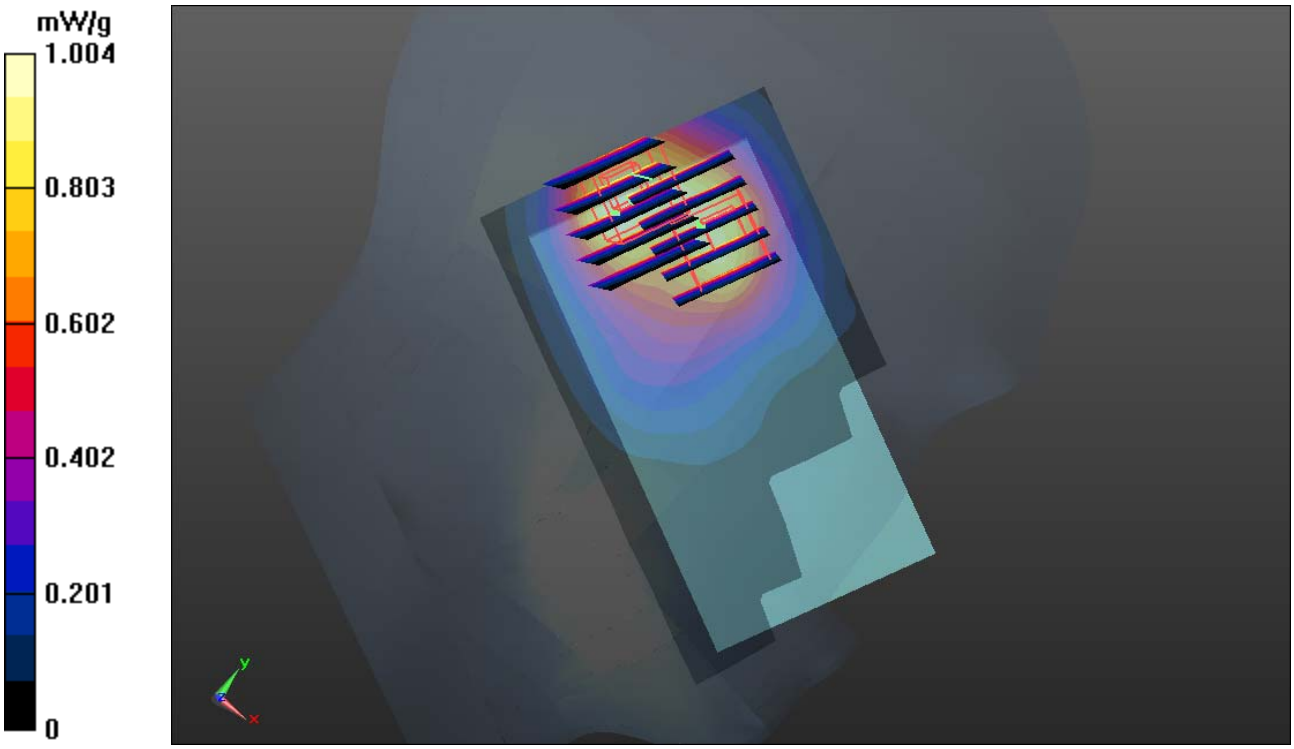
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1851.25 MHz; σ = 1.352 mho/m; ε_r = 39.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.004 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.394 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.753 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 1.039 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.394 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.766 W/kg
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 1.065 mW/g


mW/g
1.004
0.803
0.602
0.402
0.201
0
y
x

#166 CDMA 2000 BC1_RTAP 153.6_Left Cheek_Ch600

DUT: 1N0701

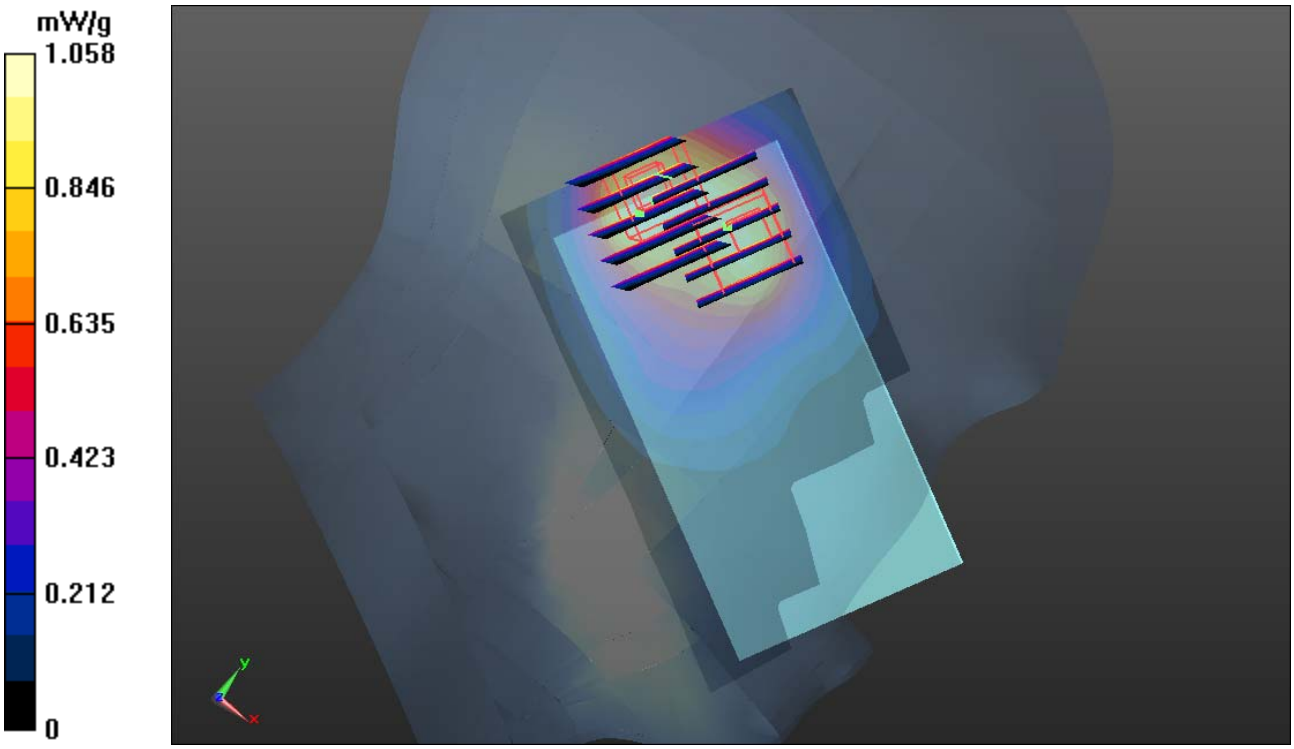
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1880 MHz; σ = 1.387 mho/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.058 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.790 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.869 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.100 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.790 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.856 W/kg
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 1.120 mW/g


mW/g
1.058
0.846
0.635
0.423
0.212
0
y
x

#167 CDMA 2000 BC1_RTAP 153.6_Left Tilted_Ch25

DUT: 1N0701

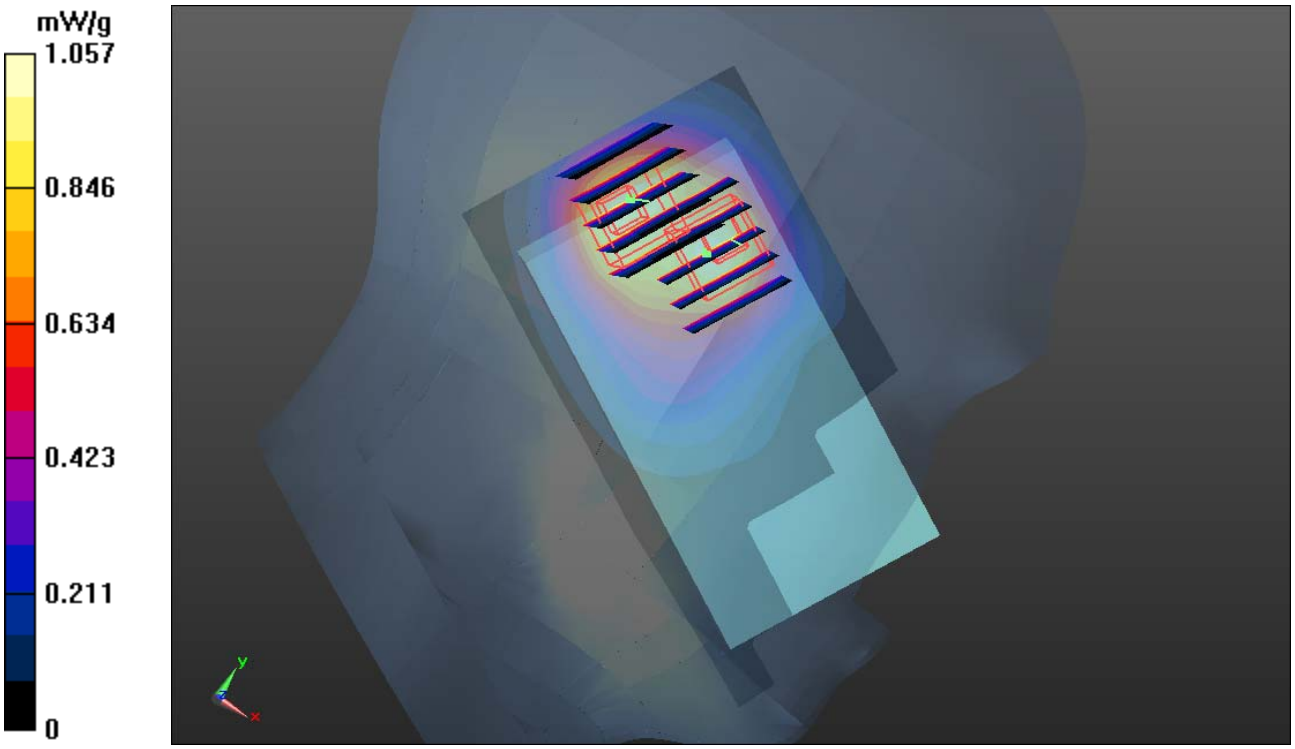
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1851.25 MHz; σ = 1.352 mho/m; ε_r = 39.384; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.057 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.141 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.732 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 1.052 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.141 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.608 W/kg
SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 1.055 mW/g


mW/g
1.057
0.846
0.634
0.423
0.211
0
y
x

#168 CDMA 2000 BC1_RTAP 153.6_Left Tilted_Ch600

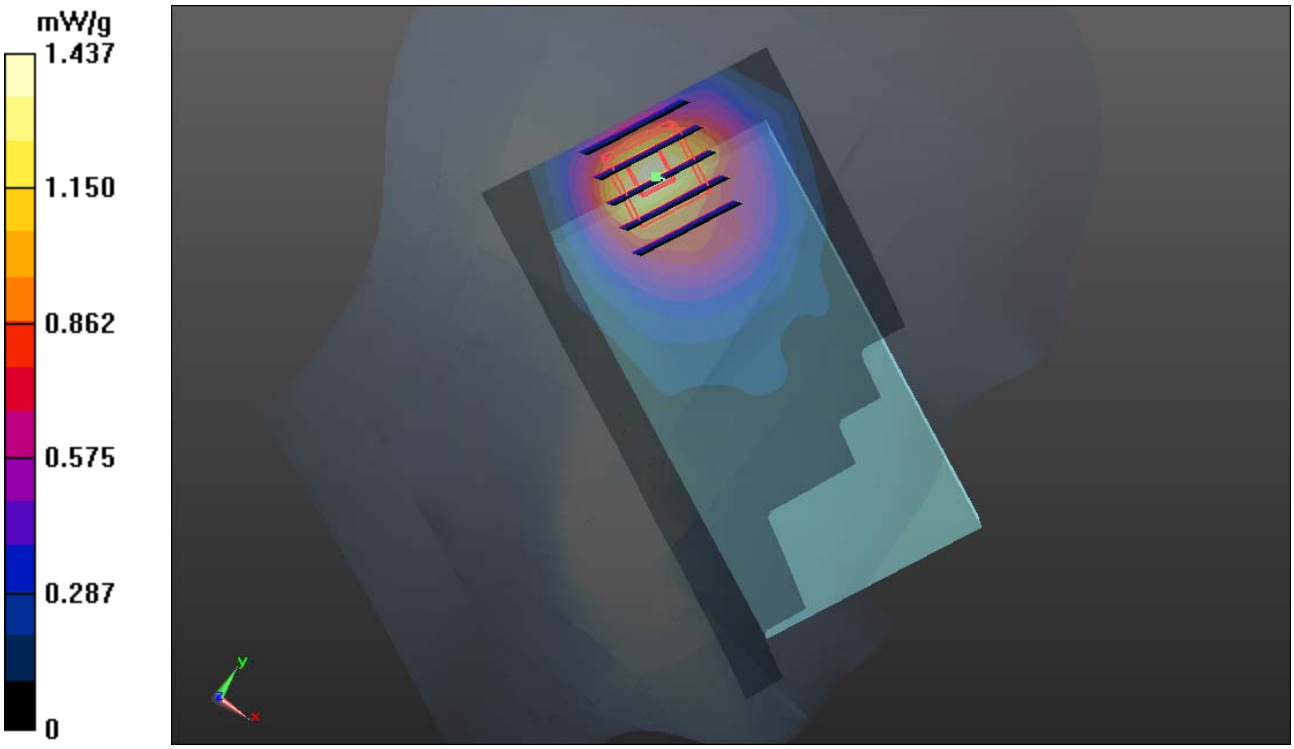
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120108 Medium parameters used: f = 1880 MHz; σ = 1.387 mho/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch600/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.437 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.276 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.242 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.711 mW/g
Maximum value of SAR (measured) = 1.409 mW/g


mW/g
1.437
1.150
0.862
0.575
0.287
0
y
x

#224 CDMA 2000 BC1_RTAP 153.6_Right Tilted_Ch25_17

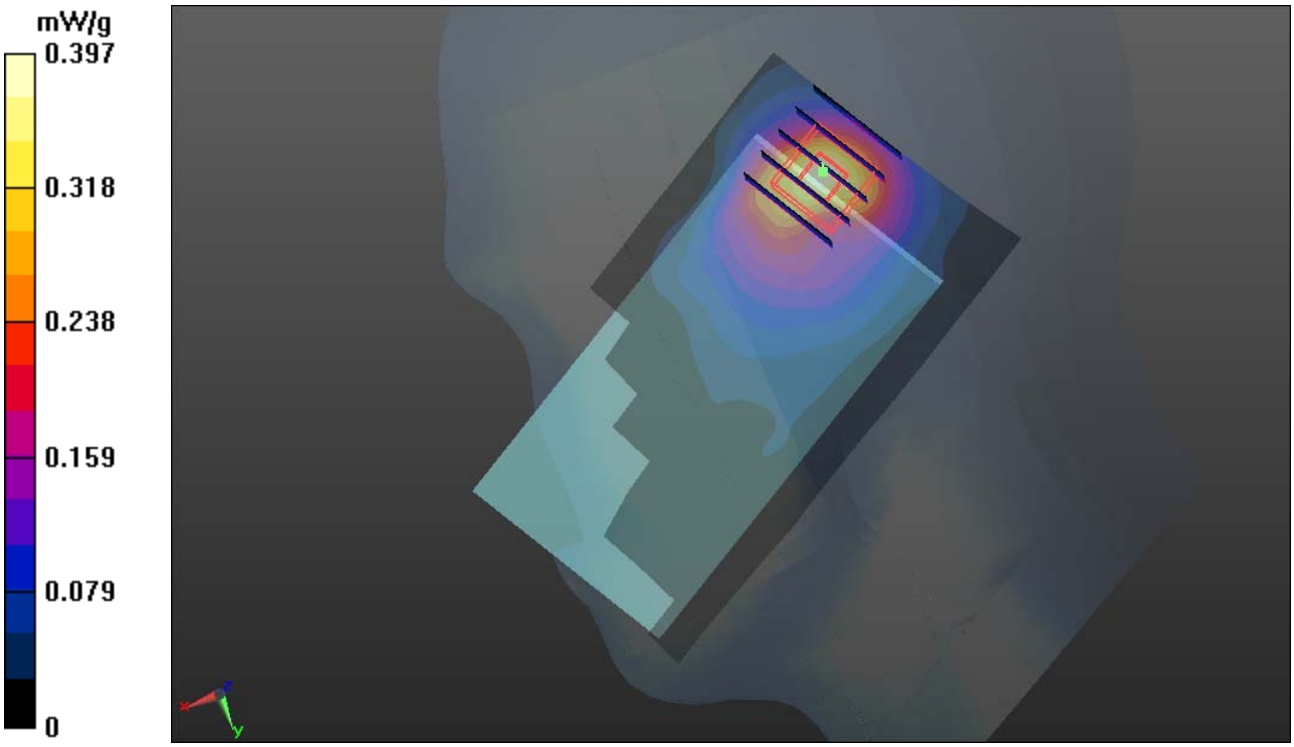
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.366 mho/m; ε_r = 41.26; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.397 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.655 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.390 mW/g


mW/g
0.397
0.318
0.238
0.159
0.079
0

#225 CDMA 2000 BC1_RTAP 153.6_left Tilted_Ch600_17

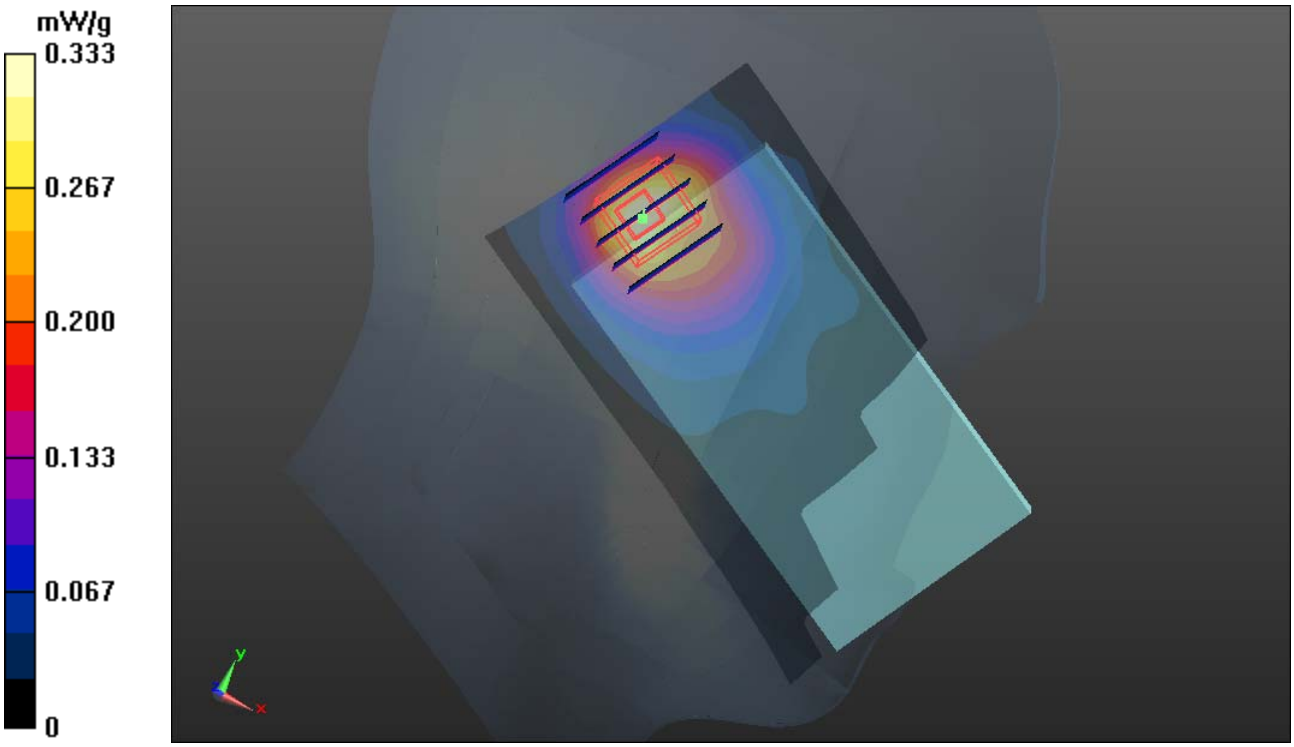
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120120 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 41.184; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.333 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.797 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.319 mW/g


mW/g
0.333
0.267
0.200
0.133
0.067
0
y
x

#189 LTE Band IV_QPSK_(50 25)_Right Cheek_Ch20175

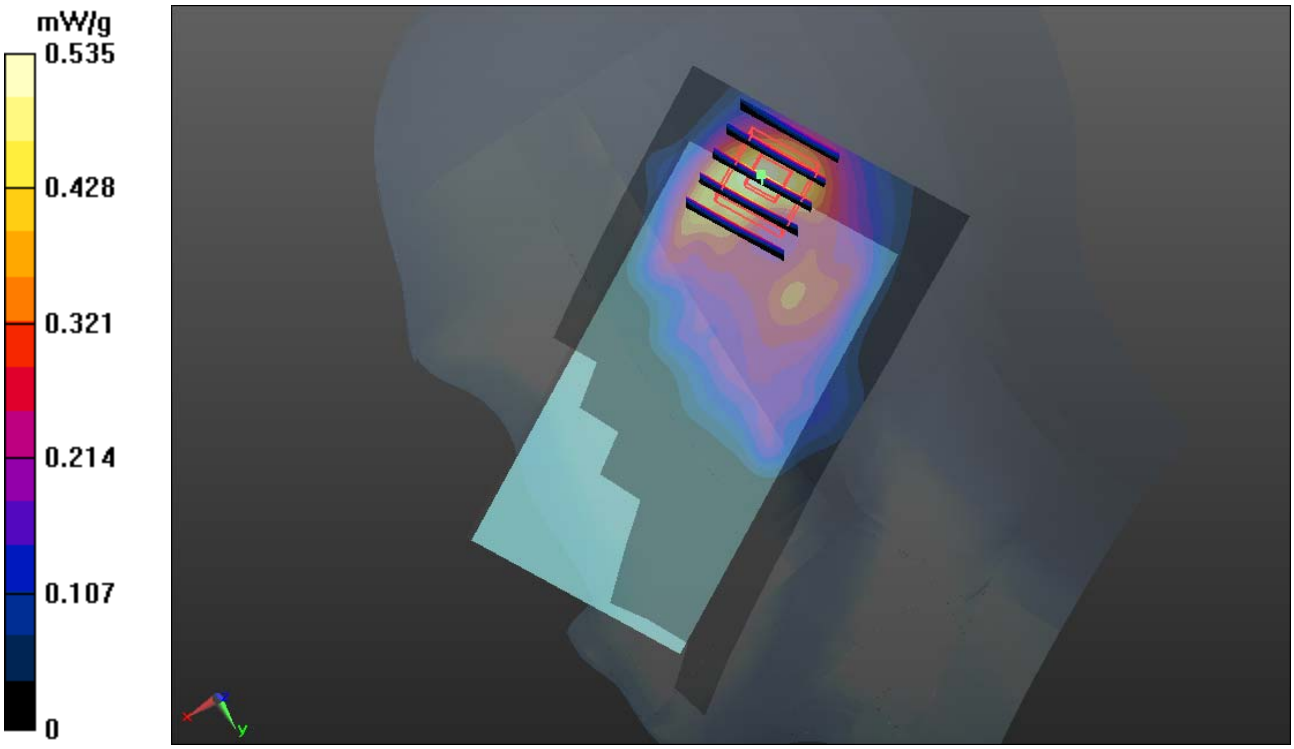
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.535 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.517 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 0.579 mW/g


mW/g
0.535
0.428
0.321
0.214
0.107
0
y

#190 LTE Band IV_QPSK_(50 25)_Right Tilted_Ch20175

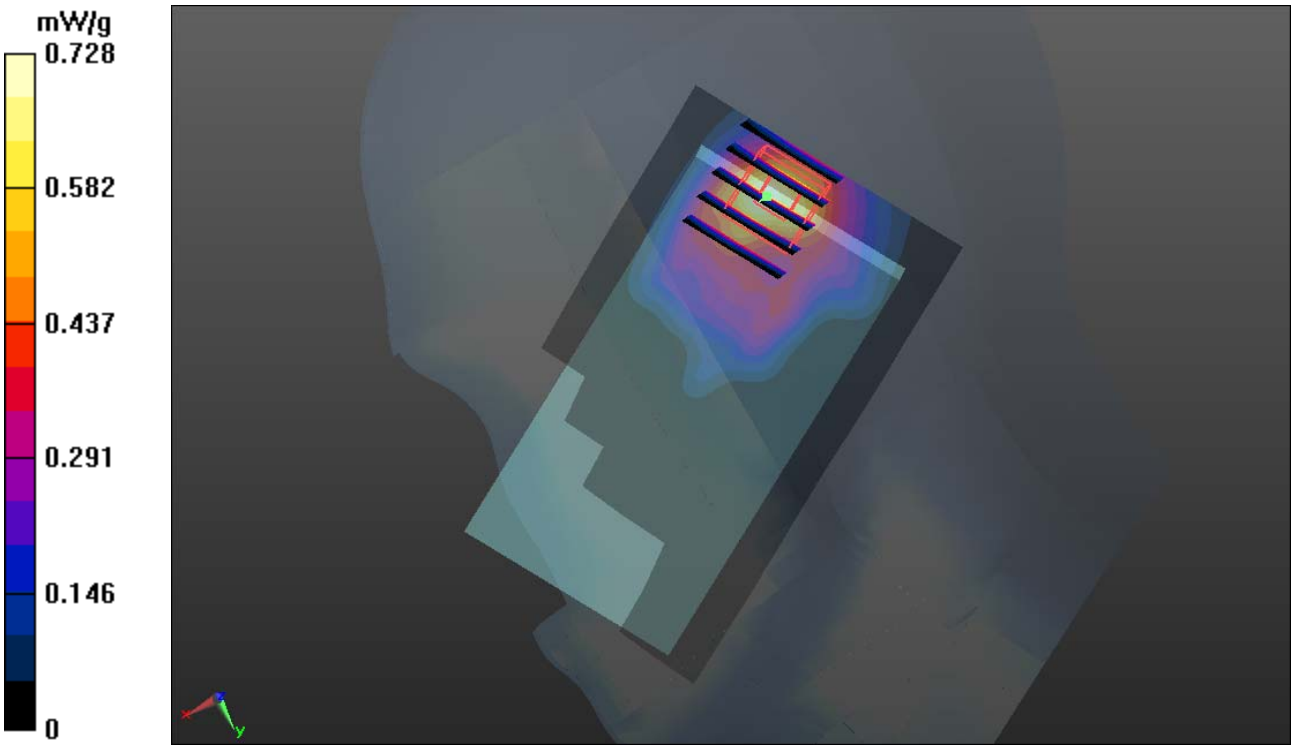
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.728 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.756 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.217 W/kg
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.732 mW/g


mW/g
0.728
0.582
0.437
0.291
0.146
0

#191 LTE Band IV_QPSK_(50 25)_Left Cheek_Ch20175

DUT: 1N0701

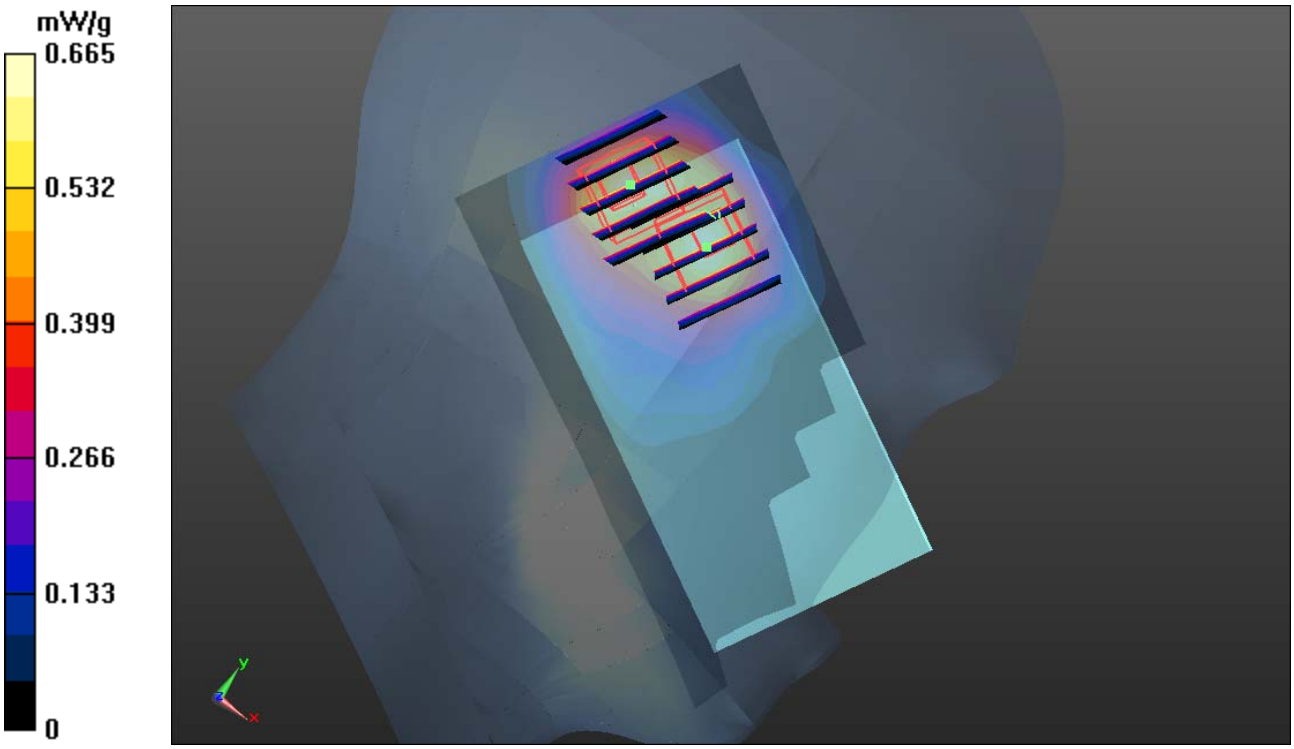
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.665 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.881 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.008 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 0.647 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.881 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.055 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.650 mW/g


mW/g
0.665
0.532
0.399
0.266
0.133
0

#192 LTE Band IV_QPSK_(50 25)_Left Tilted_Ch20175

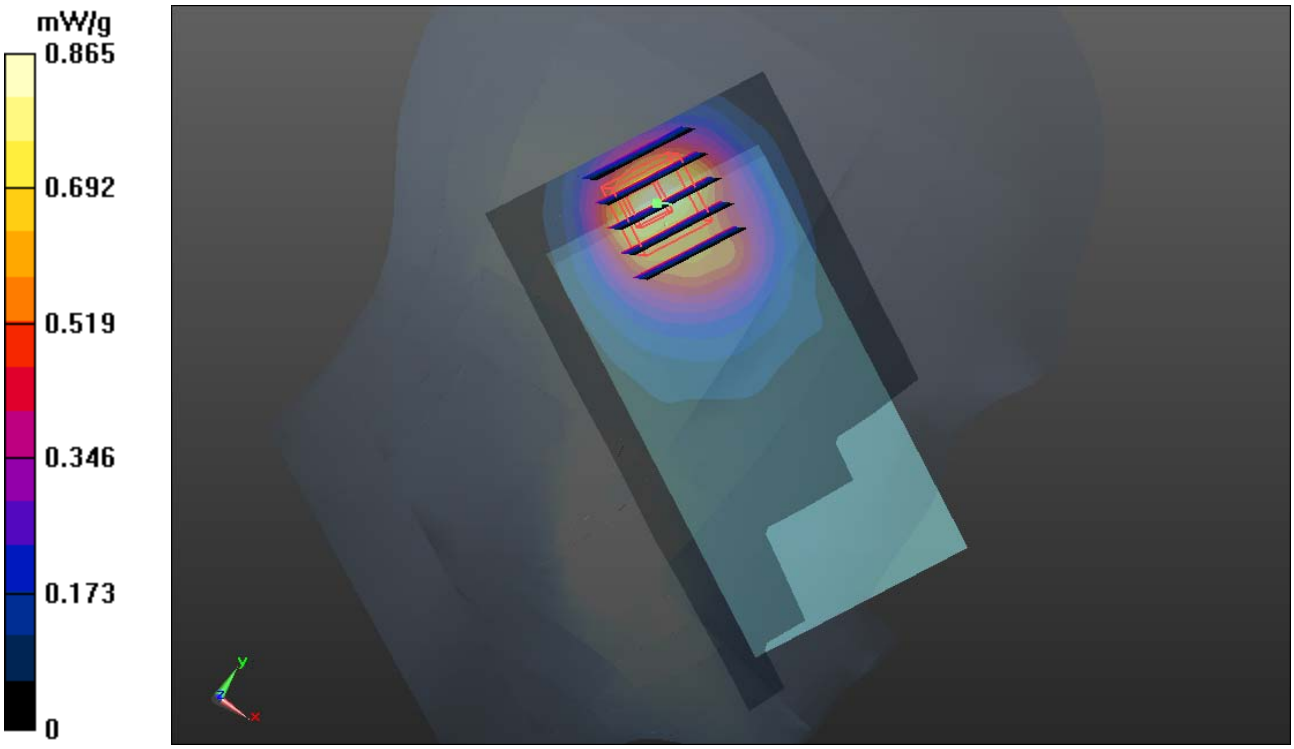
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.865 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.456 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.760 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.822 mW/g


mW/g
0.865
0.692
0.519
0.346
0.173
0
y
x

#192 LTE Band IV_QPSK_(50 25)_Left Tilted_Ch20175_2D

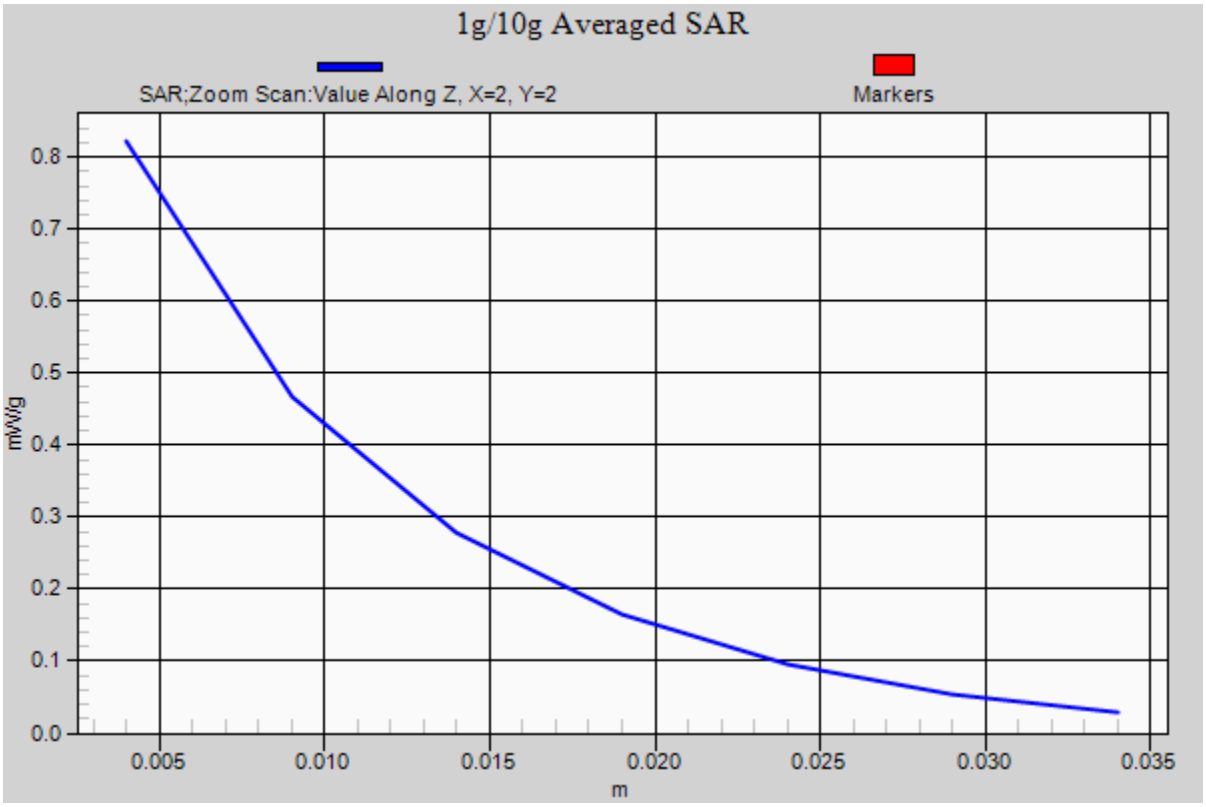
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.865 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.456 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.760 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.822 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#193 LTE Band IV_QPSK_(50 25)_Left Tilted_Ch20050

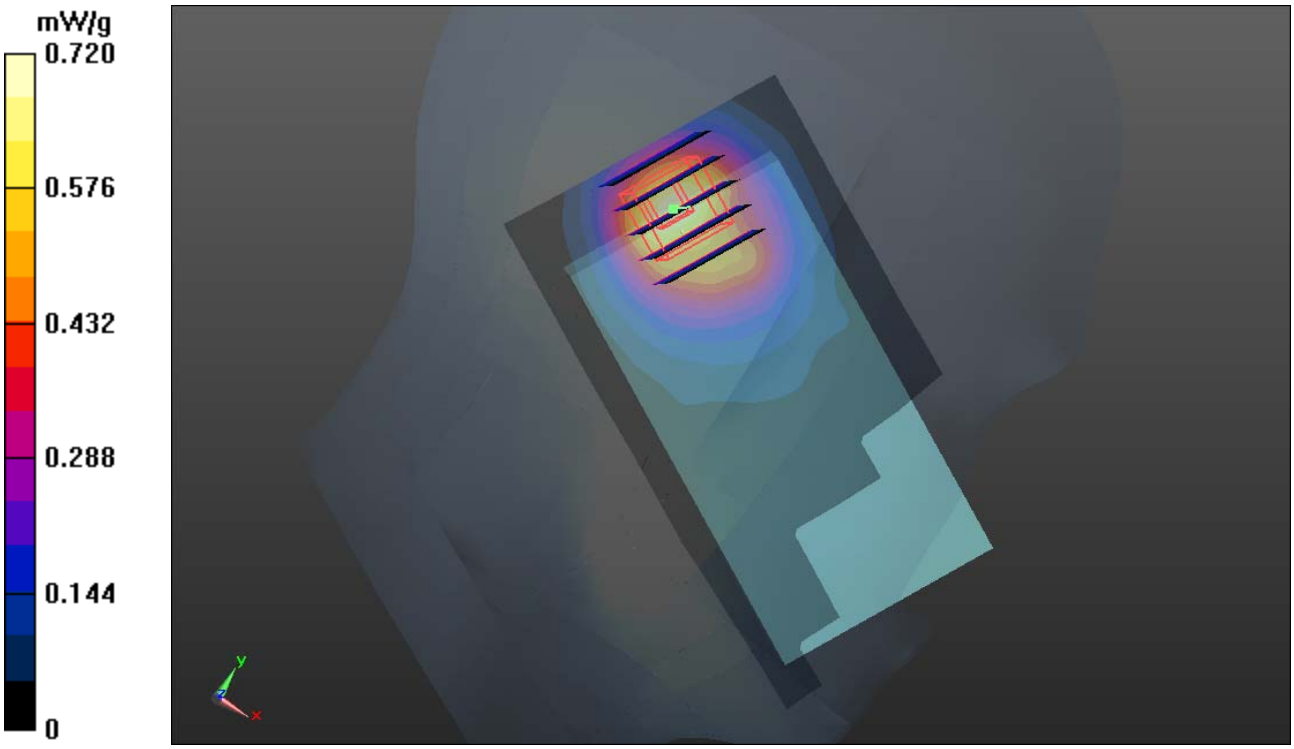
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1720 MHz; σ = 1.343 mho/m; ε_r = 41.528; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.720 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.541 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.086 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.685 mW/g


mW/g
0.720
0.576
0.432
0.288
0.144
0
y
z
x

#194 LTE Band IV_QPSK_(50 25)_Left Tilted_Ch20300

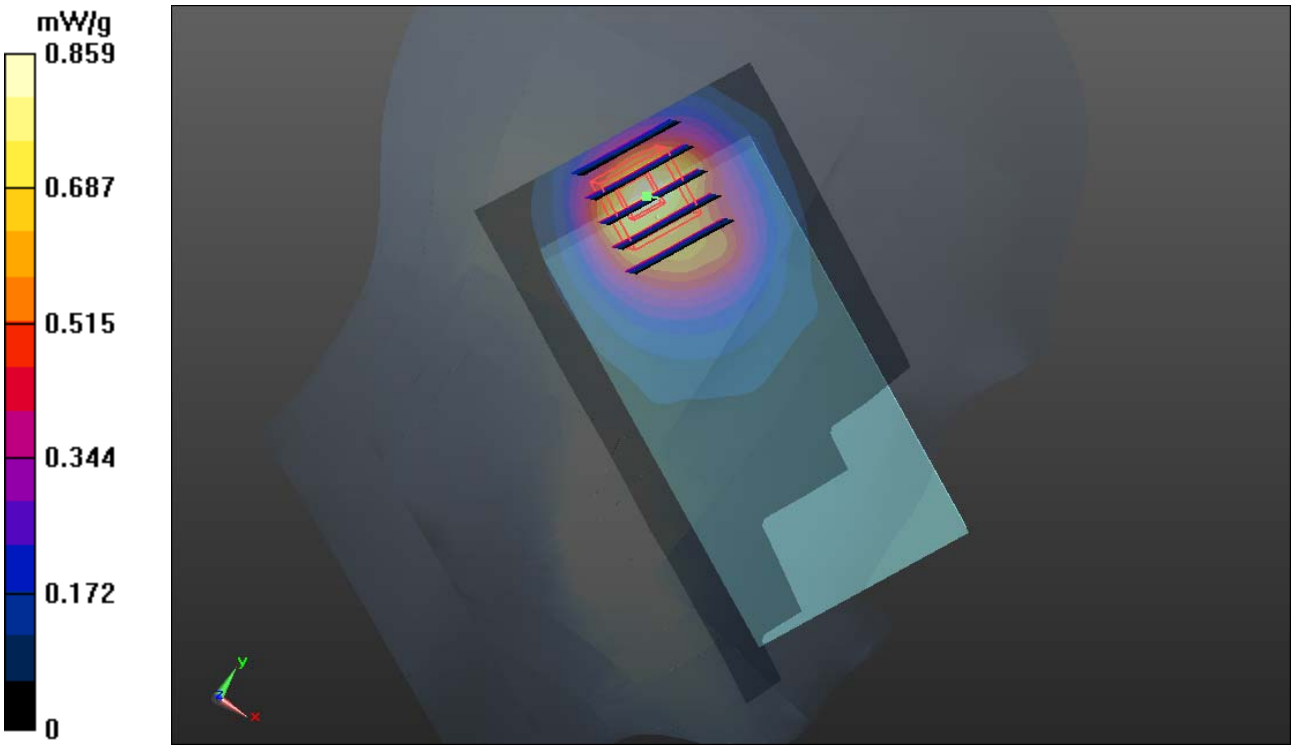
DUT: 1N0701

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1745 MHz; σ = 1.37 mho/m; ε_r = 41.404; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.859 mW/g

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.733 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.266 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.798 mW/g


mW/g
0.859
0.687
0.515
0.344
0.172
0
y
x

#195 LTE Band IV_QPSK_(1 0)_Right Cheek_Ch20175

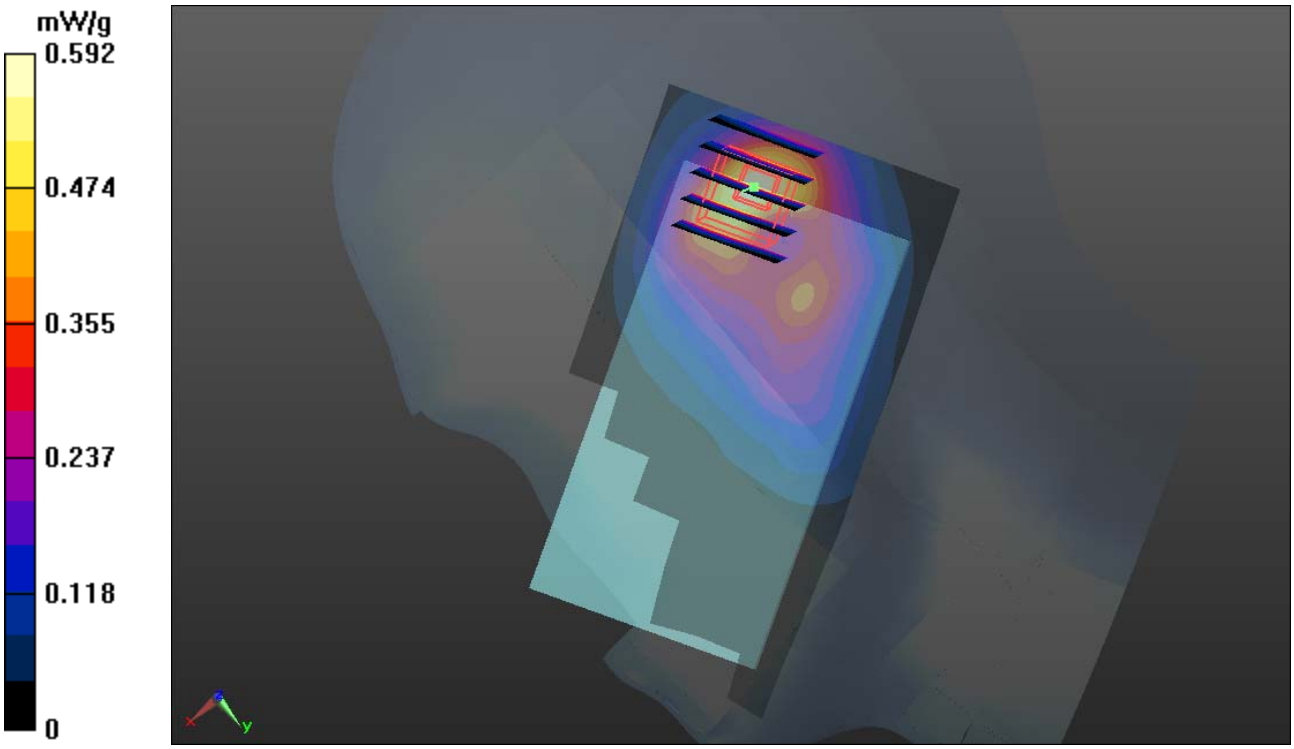
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.592 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.750 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.054 W/kg
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.634 mW/g


mW/g
0.592
0.474
0.355
0.237
0.118
0
x
y

#196 LTE Band IV_QPSK_(1 0)_Right Tilted_Ch20175

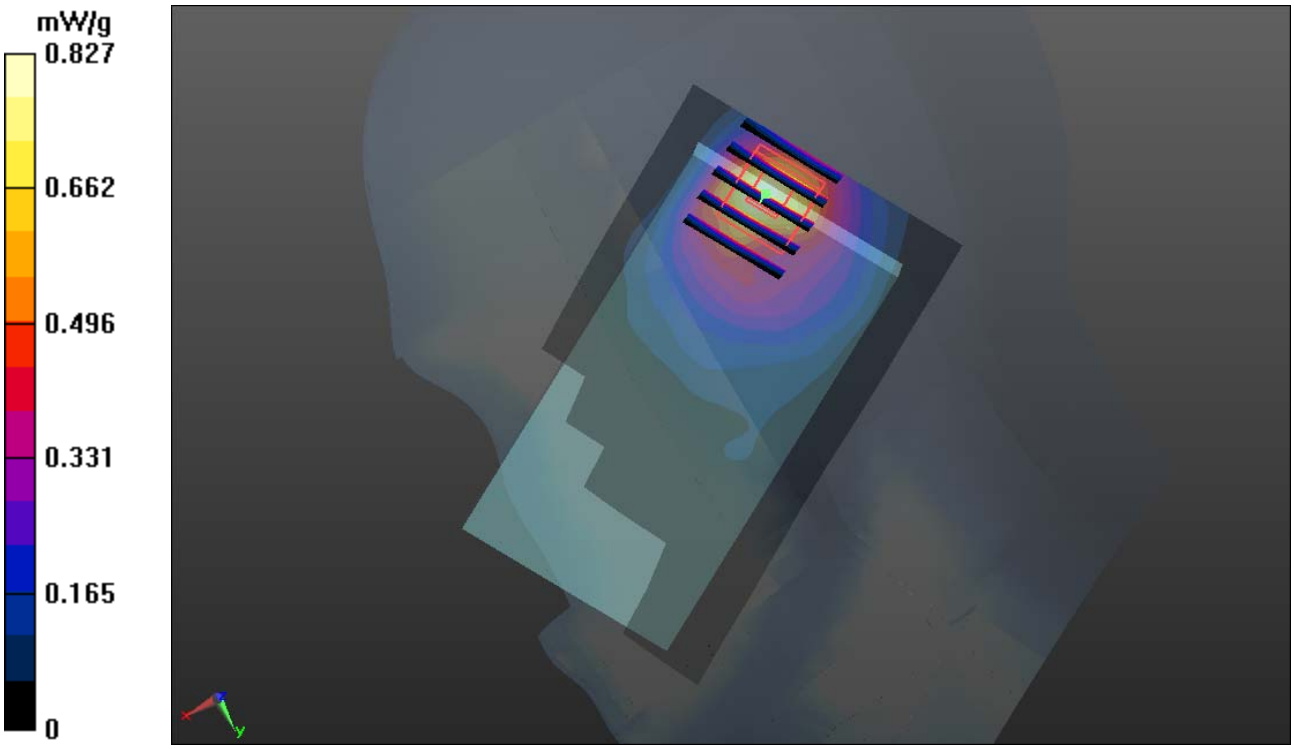
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.827 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.254 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.298 W/kg
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.389 mW/g
Maximum value of SAR (measured) = 0.829 mW/g


mW/g
0.827
0.662
0.496
0.331
0.165
0

#197 LTE Band IV_QPSK_(1 0)_Left Cheek_Ch20175

DUT: 1N0701

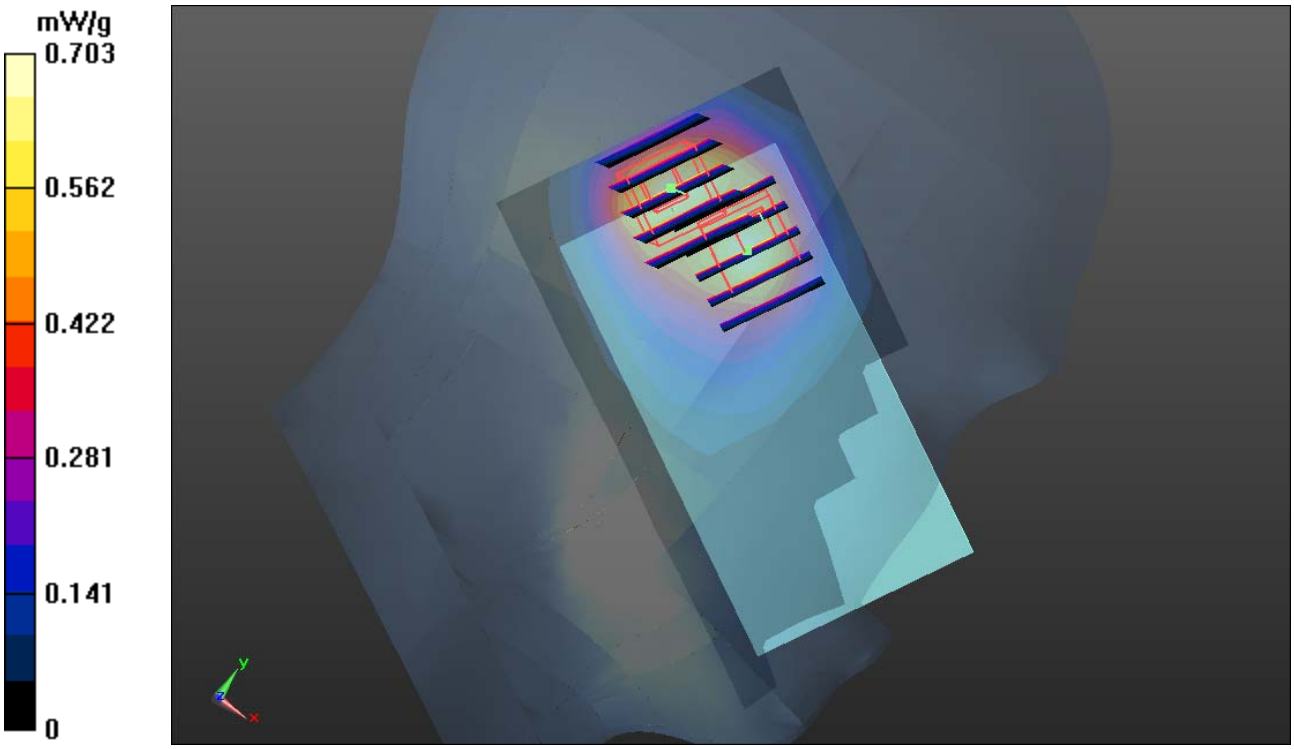
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.703 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.611 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.050 W/kg
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.691 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.611 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.124 W/kg
SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.343 mW/g
Maximum value of SAR (measured) = 0.688 mW/g


mW/g
0.703
0.562
0.422
0.281
0.141
0
y
x

#198 LTE Band IV_QPSK_(1 0)_Left Tilted_Ch20175

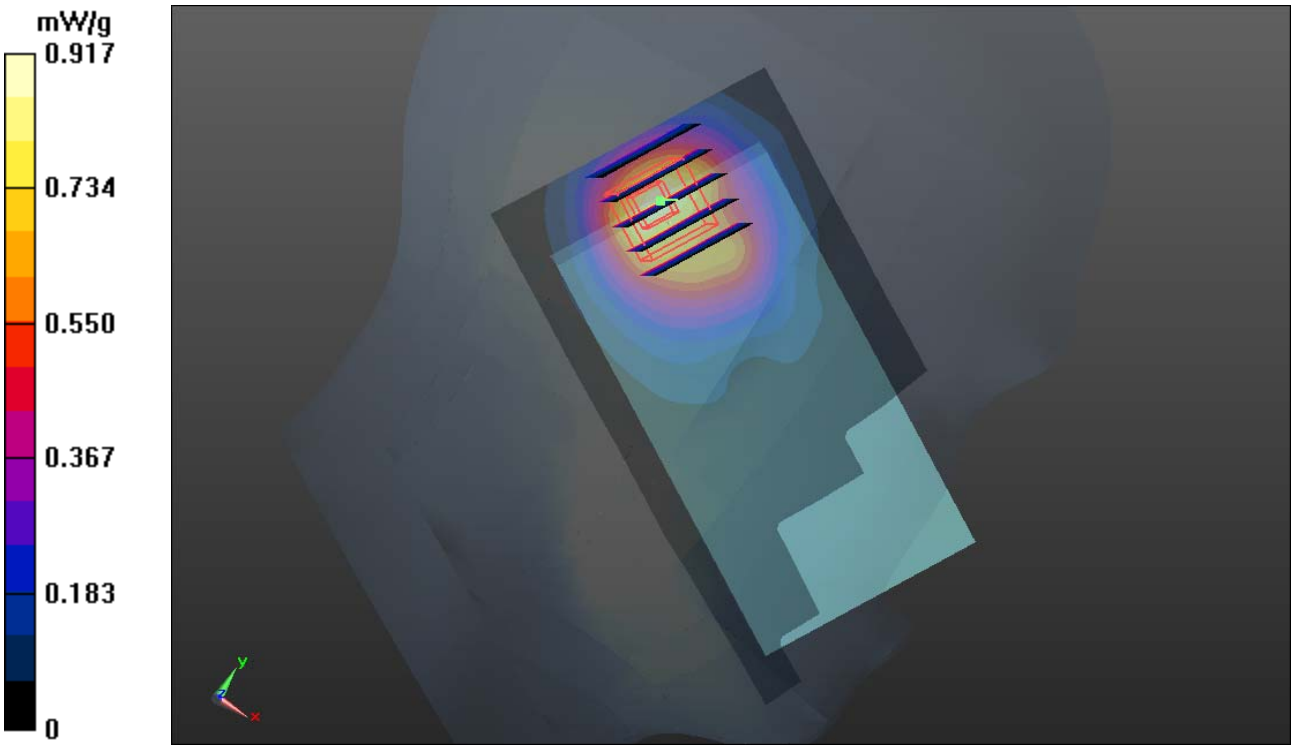
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.917 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.362 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.387 W/kg
SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.877 mW/g


mW/g
0.917
0.734
0.550
0.367
0.183
0
y
z
x

#198 LTE Band IV_QPSK_(1 0)_Left Tilted_Ch20175_2D

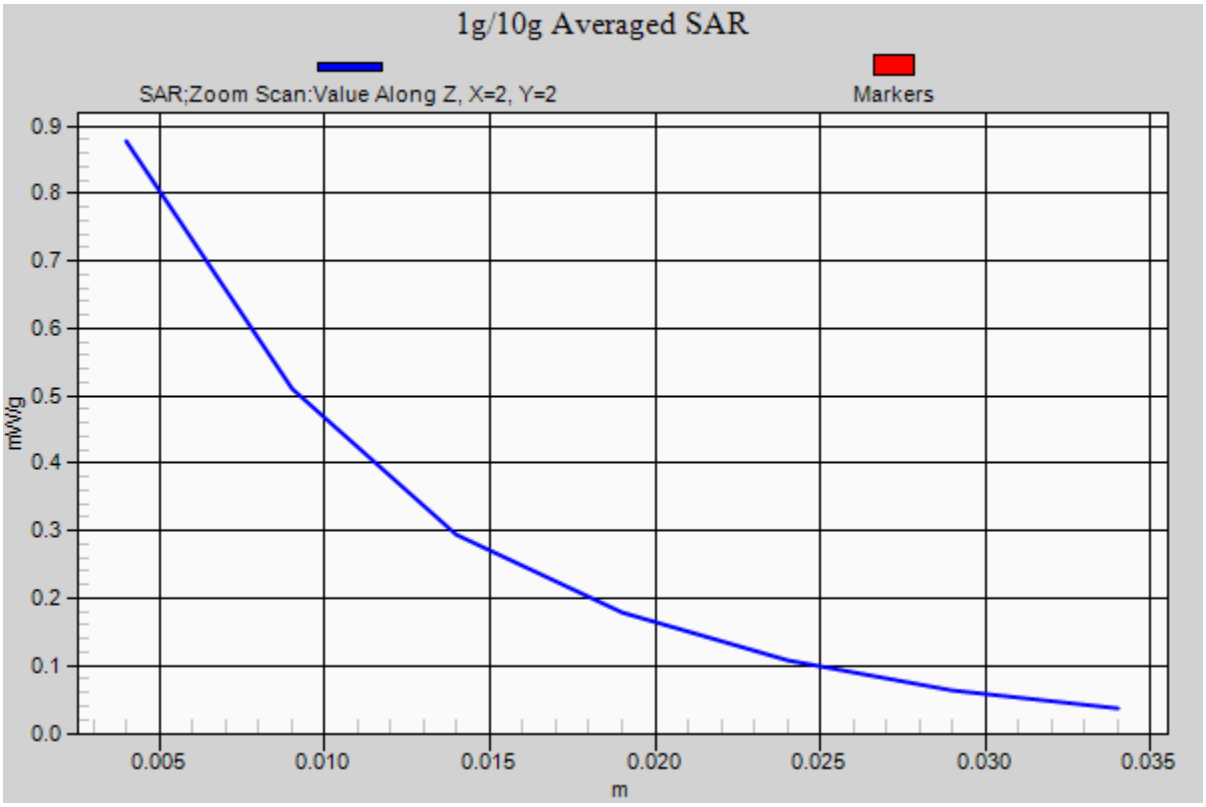
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.917 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.362 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.387 W/kg
SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.877 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#199 LTE Band IV_QPSK_(1 99)_Right Cheek_Ch20175

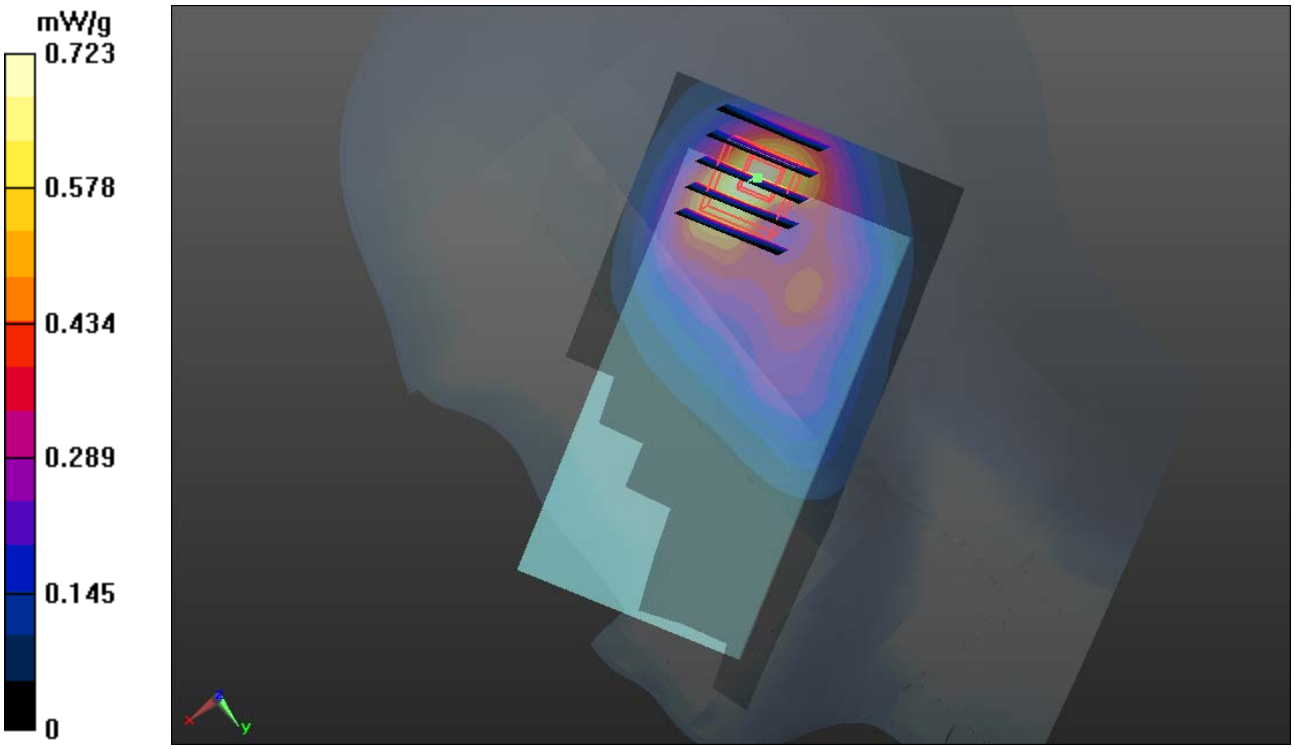
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.723 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.404 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.245 W/kg
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 0.769 mW/g


mW/g
0.723
0.578
0.434
0.289
0.145
0
x
y

#200 LTE Band IV_QPSK_(1 99)_Right Tilted_Ch20175

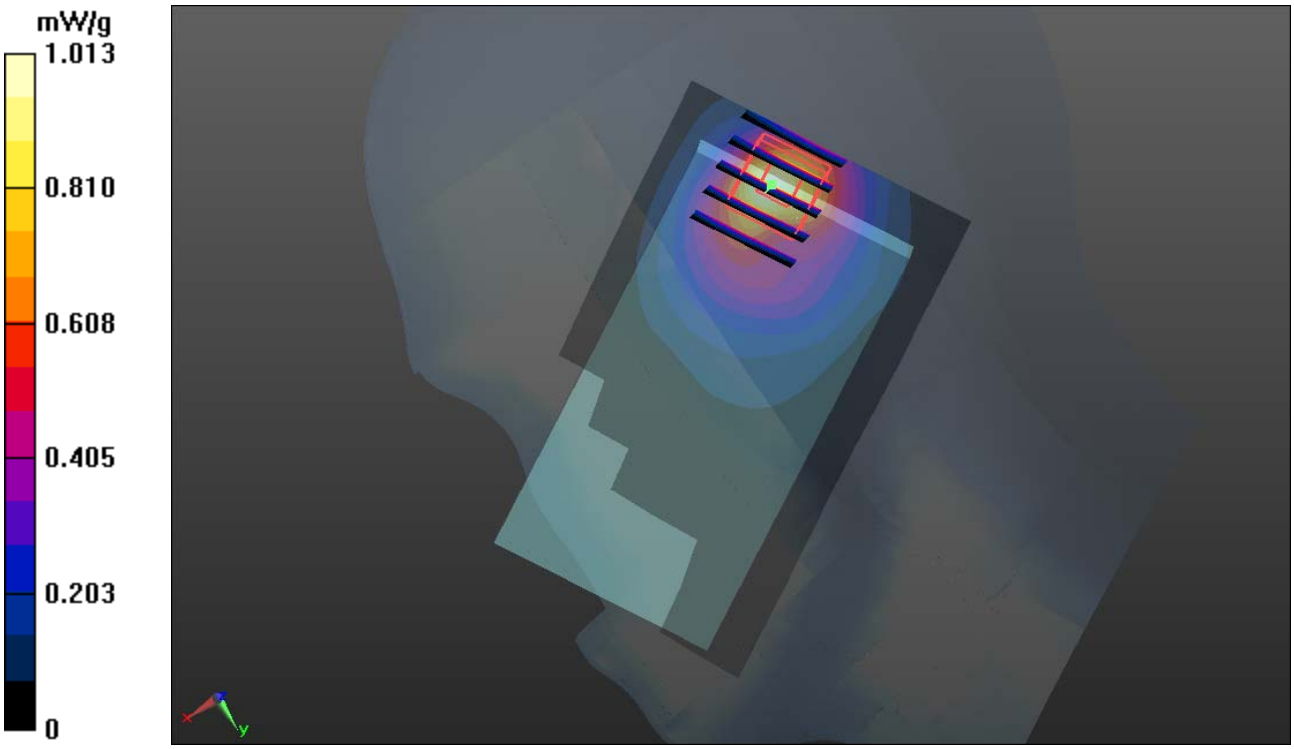
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.013 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.427 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.591 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.976 mW/g


mW/g
1.013
0.810
0.608
0.405
0.203
0

#201 LTE Band IV_QPSK_(1 99)_Left Cheek_Ch20175

DUT: 1N0701

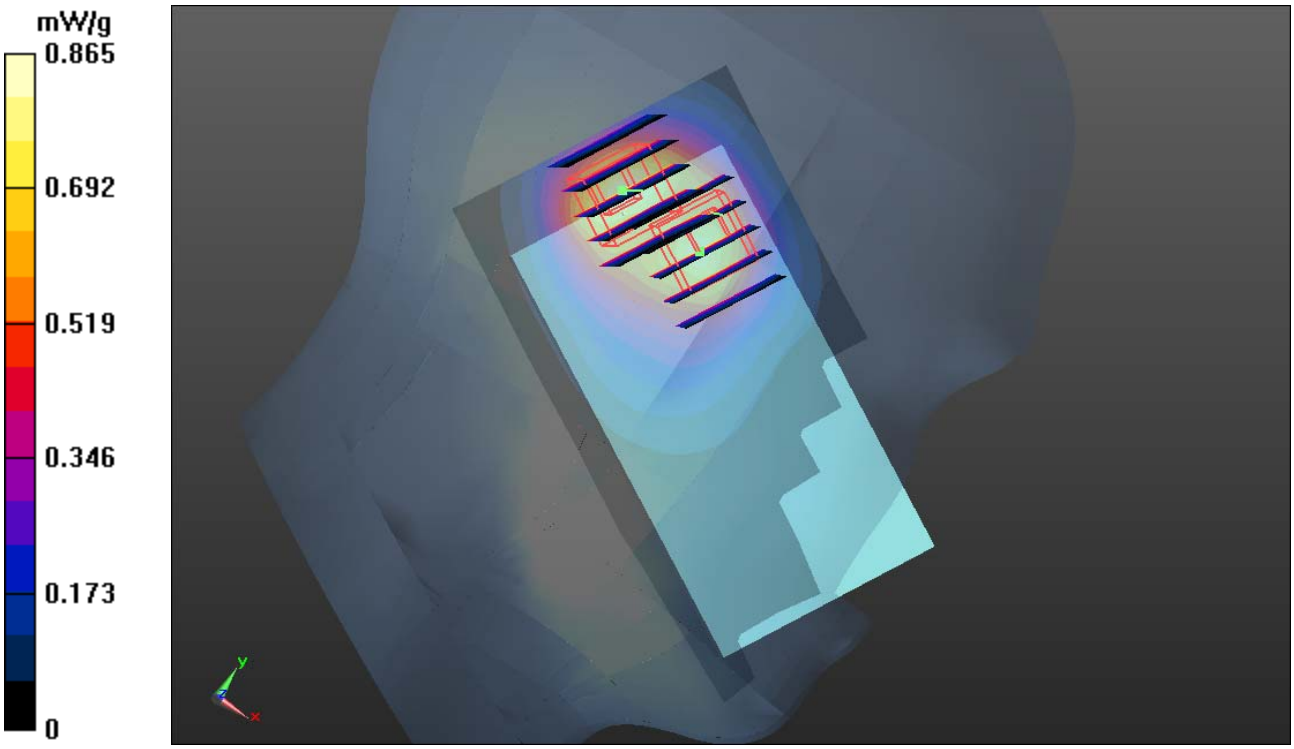
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120109 Medium parameters used: f = 1732.5 MHz; σ = 1.357 mho/m; ε_r = 41.463; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.865 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.502 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.427 W/kg
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.413 mW/g
Maximum value of SAR (measured) = 0.824 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.502 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.222 W/kg
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.804 mW/g


mW/g
0.865
0.692
0.519
0.346
0.173
0
y
x