#01 CDMA2000 BC0_RTAP 153.6_Horizontal Up_0.5cm_Ch384

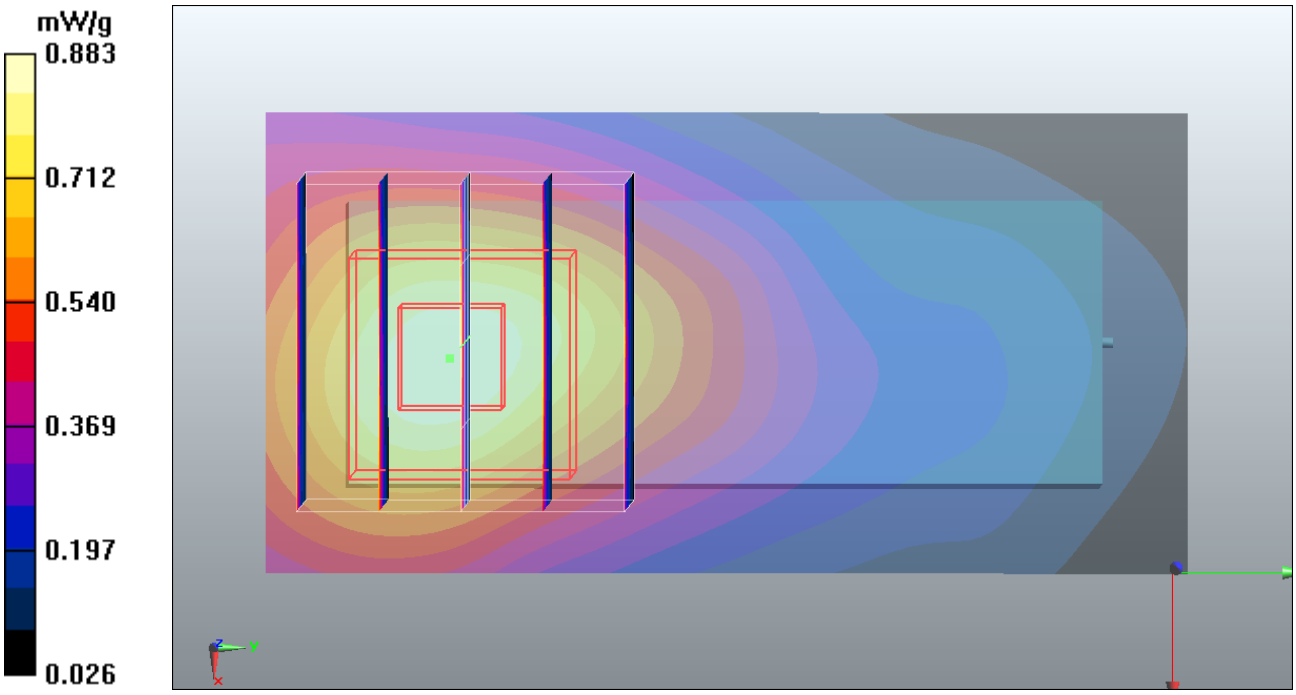
DUT: 151301

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 837 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.883 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.00193 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 0.894 mW/g


mW/g
0.883
0.712
0.540
0.369
0.197
0.026

#02 CDMA2000 BC0_RTAP 153.6_Horizontal Down_0.5cm_Ch384

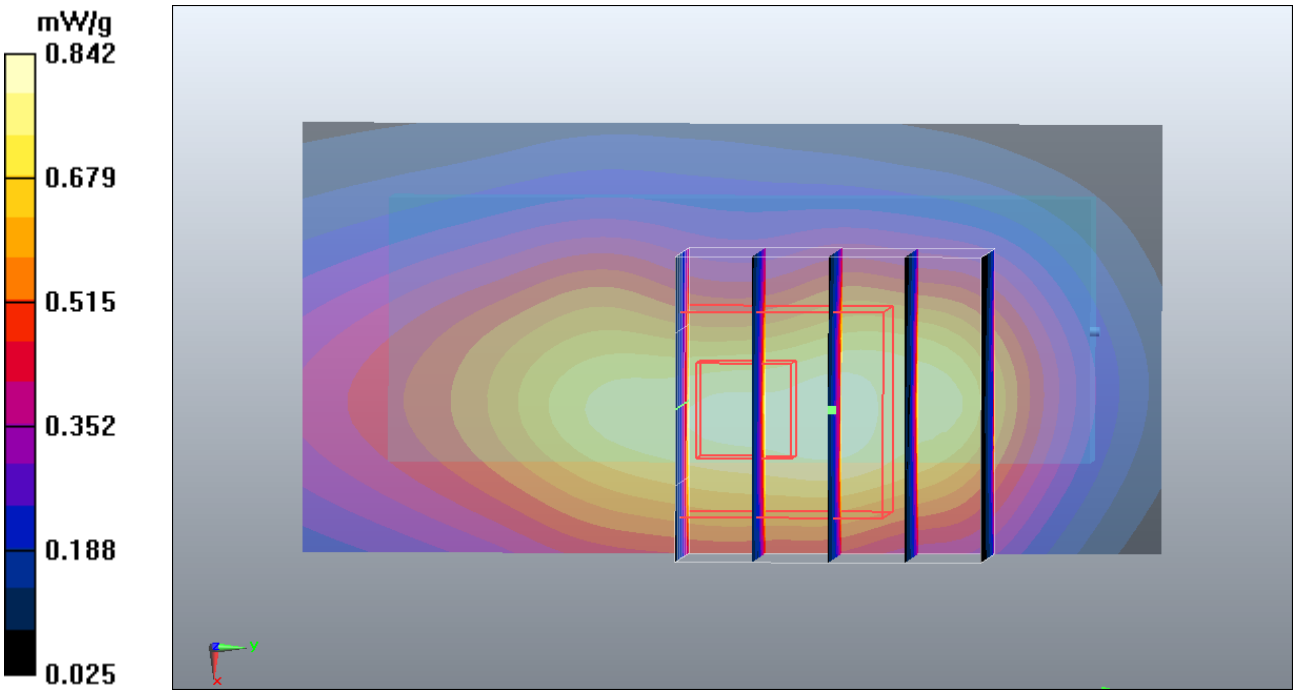
DUT: 151301

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 837 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.842 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = 0.0160 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.517 mW/g
Maximum value of SAR (measured) = 0.856 mW/g


mW/g
0.842
0.679
0.515
0.352
0.188
0.025

#03 CDMA2000 BC0_RTAP 153.6_Vertical Front_0.5cm_Ch384

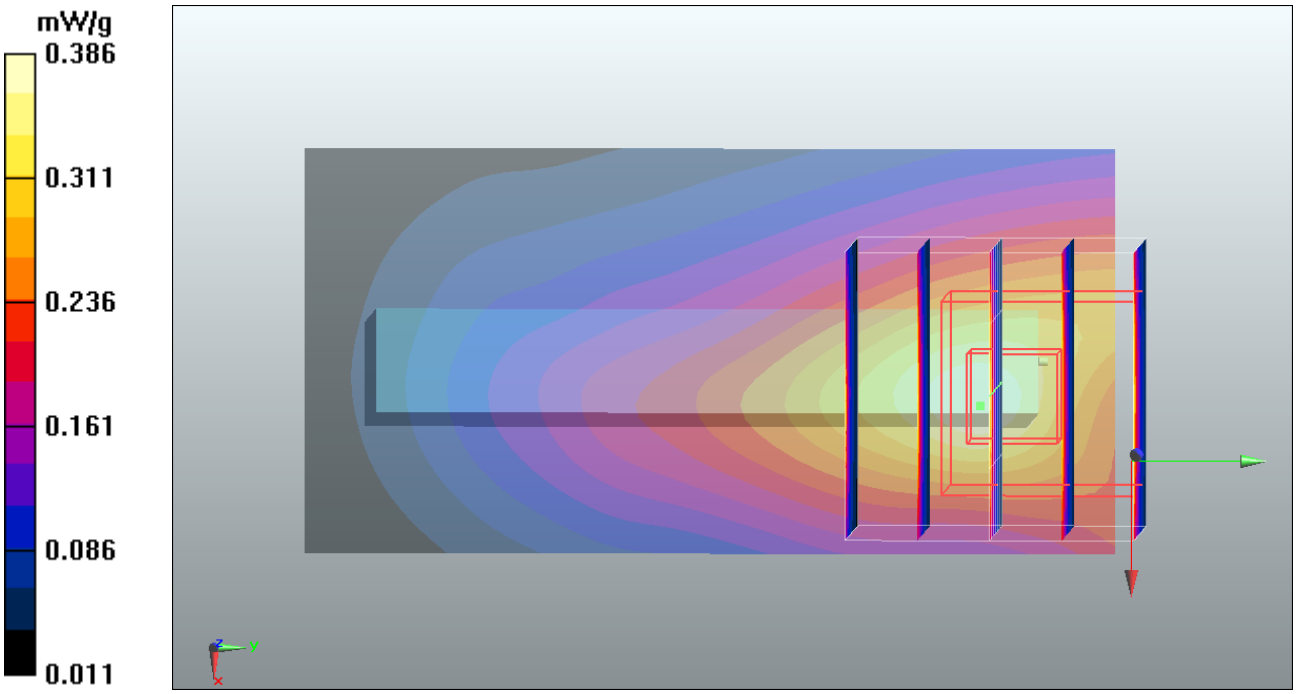
DUT: 151301

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 837 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.386 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.2 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.379 mW/g


mW/g
0.386
0.311
0.236
0.161
0.086
0.011

#04 CDMA2000 BC0_RTAP 153.6_Vertical Back_0.5cm_Ch384

DUT: 151301

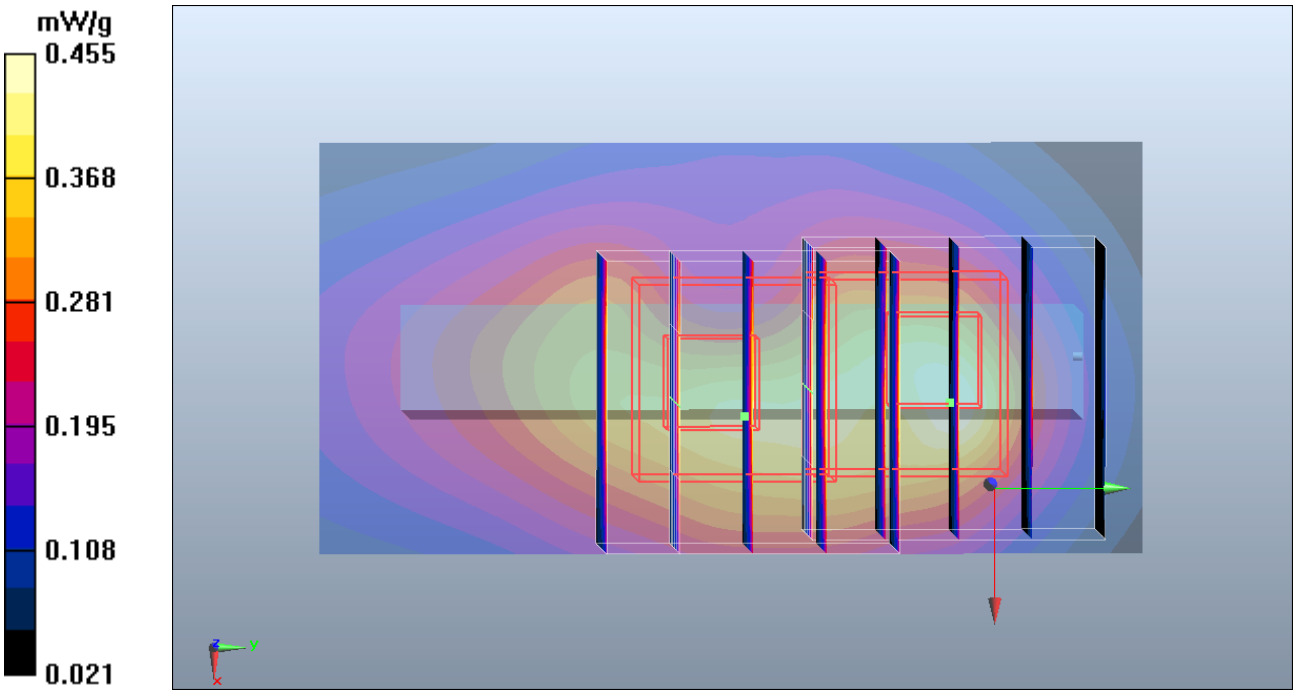
Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 837 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.455 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.8 W/kg
SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.408 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.431 mW/g


mW/g
0.455
0.368
0.281
0.195
0.108
0.021

#05 CDMA2000 BC0_RTAP 153.6_Tip Mode_0.5cm_Ch384

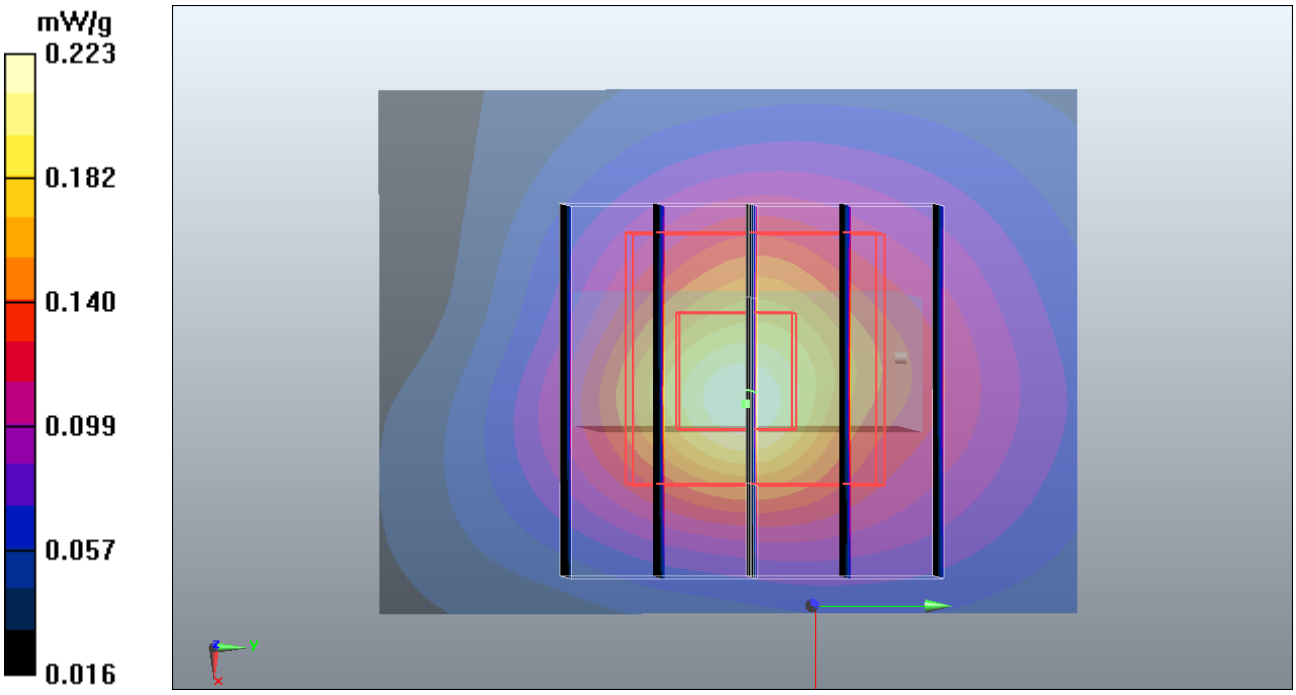
DUT: 151301

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 837 MHz; σ = 0.977 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (31x41x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.223 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12 V/m; Power Drift = 0.0168 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.259 mW/g


mW/g
0.223
0.182
0.140
0.099
0.057
0.016

#06 CDMA2000 BC0_RTAP 153.6_Horizontal Up_0.5cm_Ch1013

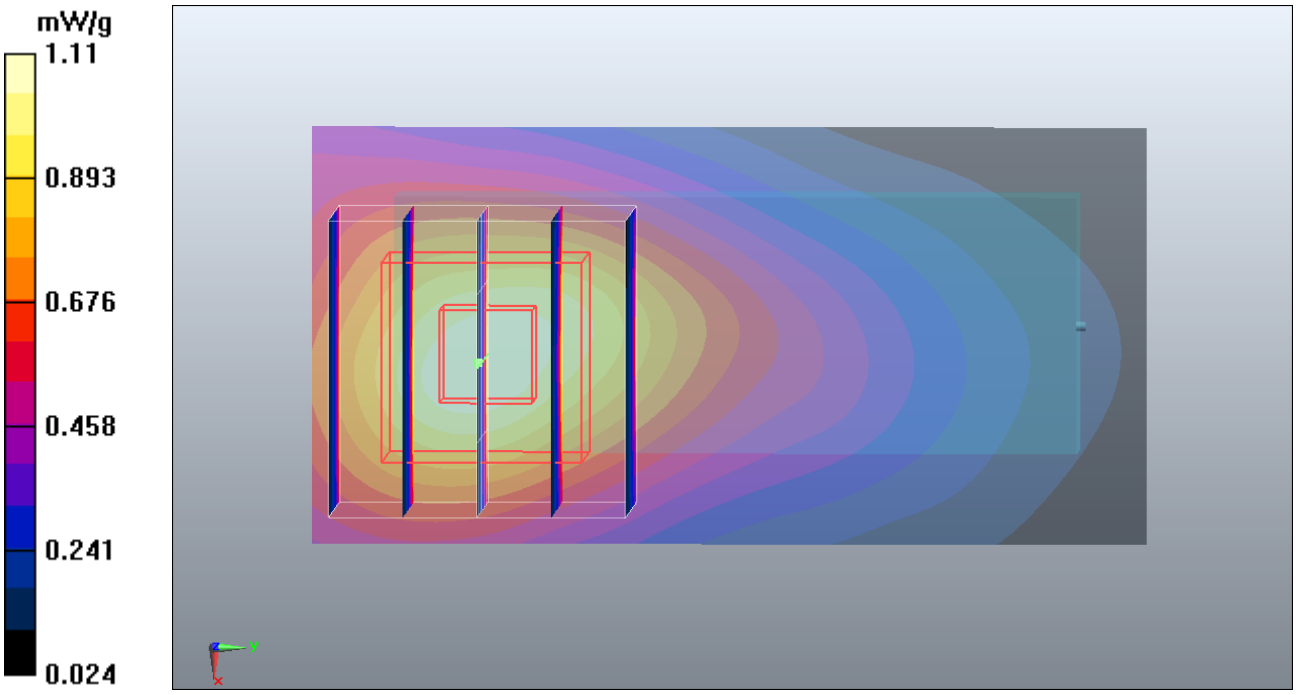
DUT: 151301

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.0094 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.641 mW/g
Maximum value of SAR (measured) = 1.11 mW/g


mW/g
1.11
0.893
0.676
0.458
0.241
0.024

#06 CDMA2000 BC0_RTAP 153.6_Horizontal Up_0.5cm_Ch1013_2D

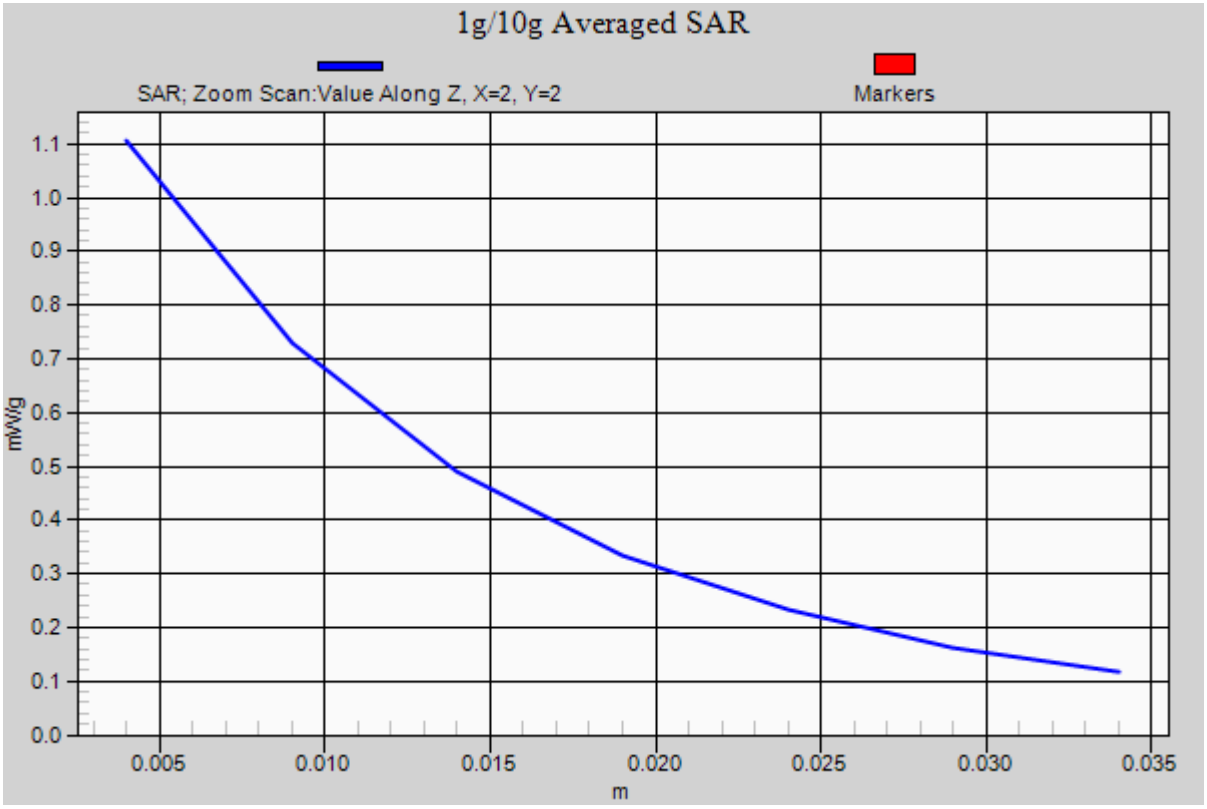
DUT: 151301

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.0094 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.641 mW/g
Maximum value of SAR (measured) = 1.11 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
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

#07 CDMA2000 BC0_RTAP 153.6_Horizontal Up_0.5cm_Ch777

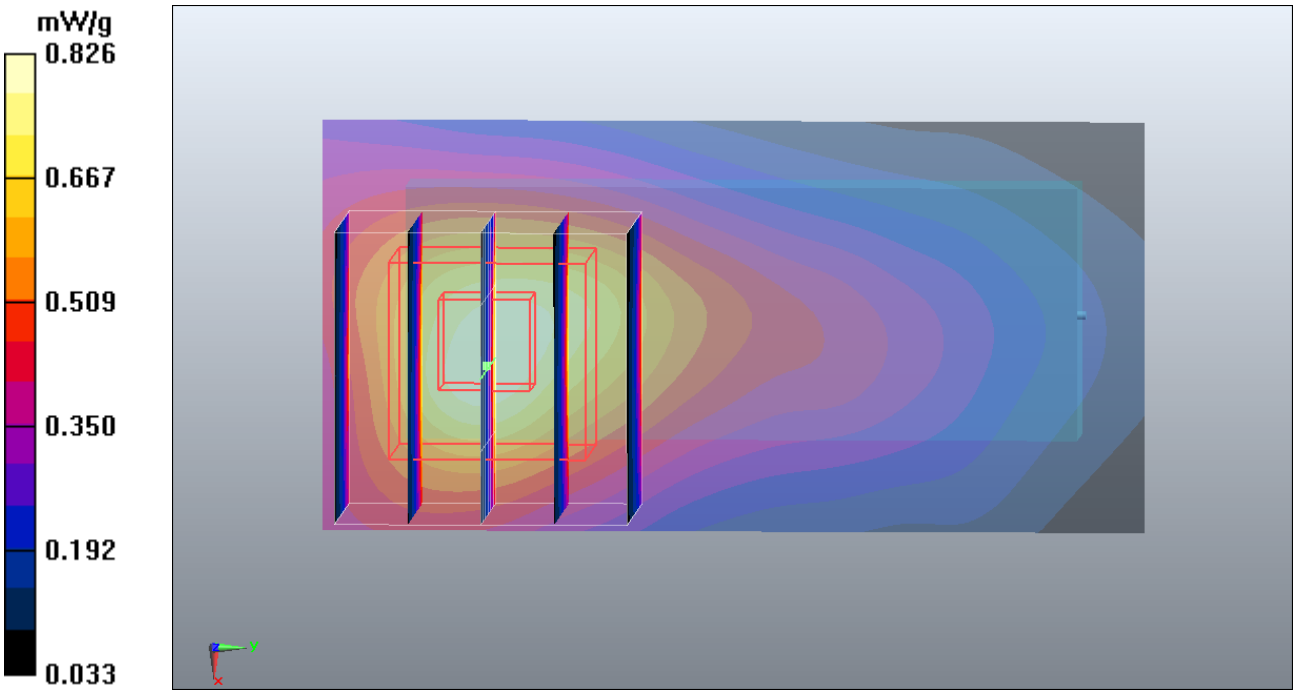
DUT: 151301

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch777/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.826 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.835 mW/g


mW/g
0.826
0.667
0.509
0.350
0.192
0.033

#08 CDMA2000 BC0_RTAP 153.6_Horizontal Down_0.5cm_Ch1013

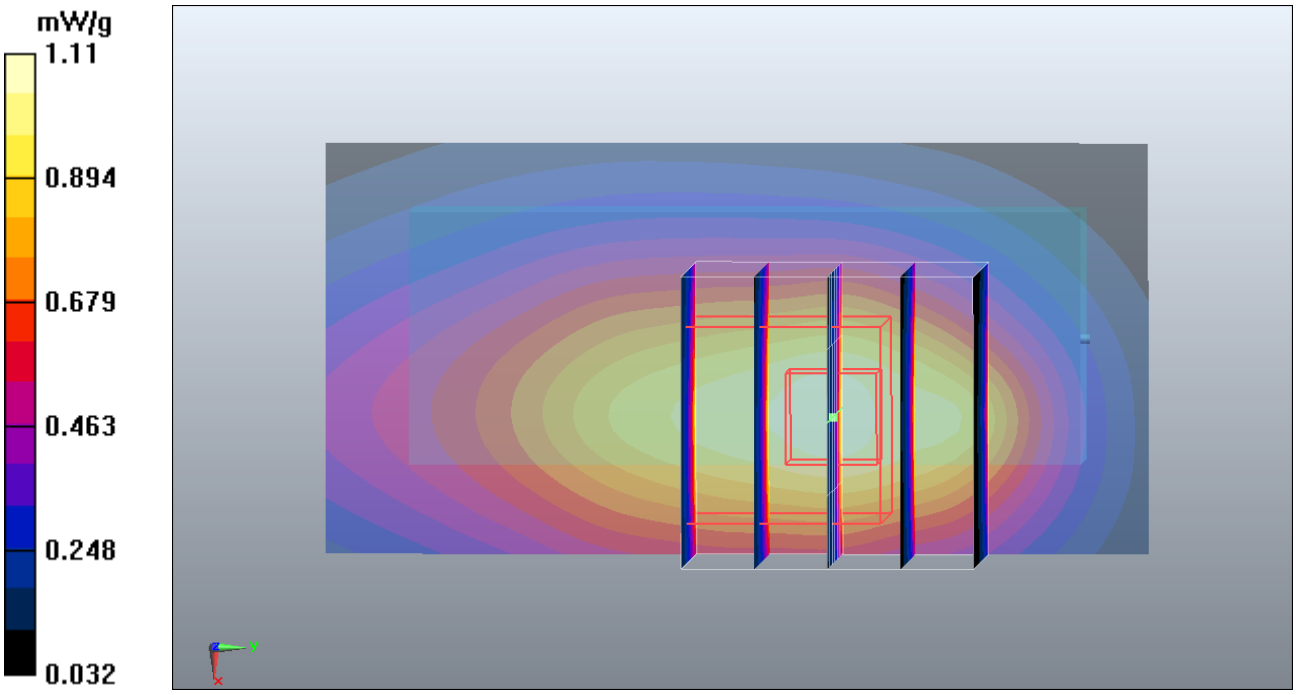
DUT: 151301

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.0078 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.07 mW/g


mW/g
1.11
0.894
0.679
0.463
0.248
0.032

#09 CDMA2000 BC0_RTAP 153.6_Horizontal Down_0.5cm_Ch777

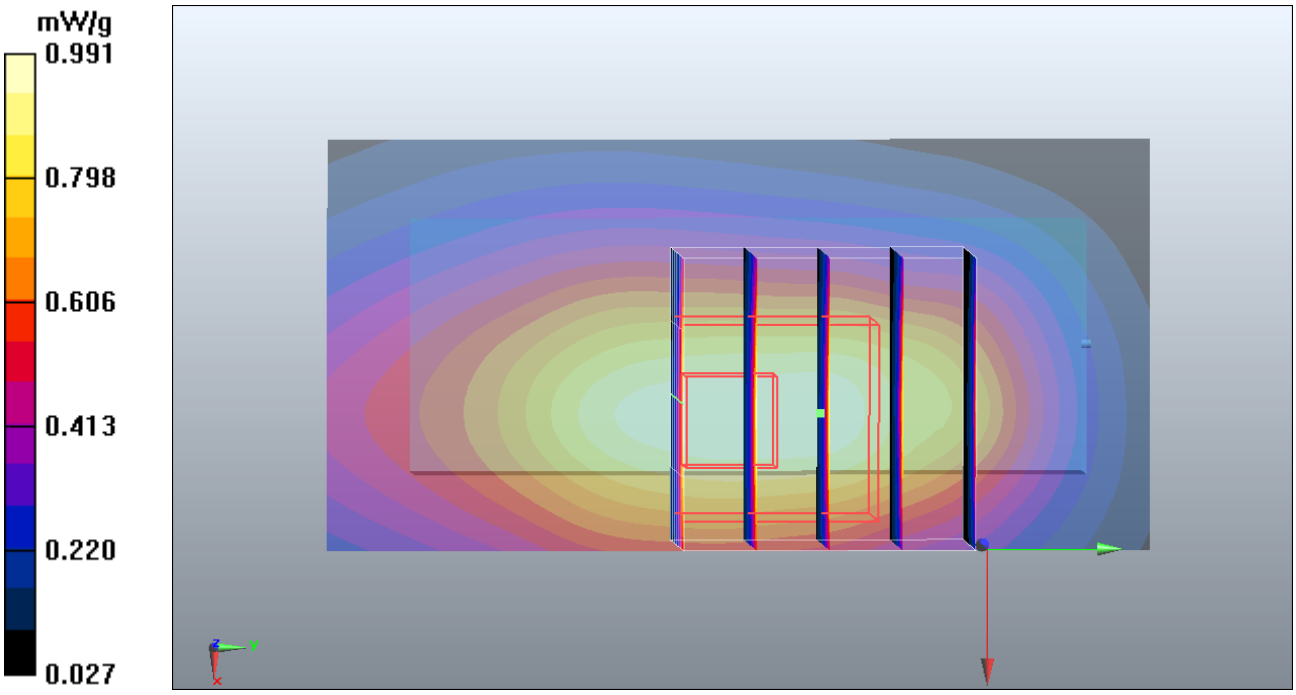
DUT: 151301

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110523 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch777/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.991 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.583 mW/g
Maximum value of SAR (measured) = 0.991 mW/g


mW/g
0.991
0.798
0.606
0.413
0.220
0.027